

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007410.D
 Acq On : 11 Dec 2018 23:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 2:42:17 PM

Quant Time: Dec 12 05:53:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	137516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	42935	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	7.88	113	40215	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.32	98	155279	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.62	95	59651	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24527	42.707	ug/l	93
3) Chloromethane	2.22	50	22444	46.662	ug/l	93
4) Vinyl Chloride	2.37	62	27064	47.948	ug/l	99
5) Bromomethane	2.78	94	18933	49.923	ug/l	93
6) Chloroethane	2.93	64	15203	48.930	ug/l	94
7) Trichlorofluoromethane	3.26	101	24594	48.464	ug/l	99
8) Diethyl Ether	3.68	74	19033	47.920	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41784	49.901	ug/l	98
10) Methyl Iodide	4.27	142	70093	50.543	ug/l	98
11) Tert butyl alcohol	5.17	59	14863	237.356	ug/l	98
12) 1,1-Dichloroethene	4.03	96	41097	50.976	ug/l	96
13) Acrolein	3.89	56	11130	268.616	ug/l	100
14) Allyl chloride	4.66	41	59331	49.927	ug/l	99
15) Acrylonitrile	5.37	53	41027	245.031	ug/l	98
16) Acetone	4.12	43	39159	245.883	ug/l	98
17) Carbon Disulfide	4.37	76	122936	50.292	ug/l	99
18) Methyl Acetate	4.67	43	20954	48.477	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61713	50.742	ug/l	98
20) Methylene Chloride	4.92	84	45311	52.199	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46010	51.017	ug/l	99
22) Diisopropyl ether	6.31	45	116194	50.869	ug/l	94
23) Vinyl Acetate	6.26	43	326449	255.512	ug/l	100
24) 1,1-Dichloroethane	6.21	63	78005	50.528	ug/l	98
25) 2-Butanone	7.17	43	53017	254.997	ug/l	96
26) 2,2-Dichloropropane	7.16	77	51111	50.025	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	50320	50.957	ug/l	99
28) Bromochloromethane	7.51	49	27684	47.674	ug/l #	100
29) Tetrahydrofuran	7.53	42	32737	248.719	ug/l	98
30) Chloroform	7.67	83	84852	50.507	ug/l	99
31) Cyclohexane	7.95	56	66208	46.743	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	74405	50.503	ug/l	99
36) 1,1-Dichloropropene	8.08	75	64404	51.340	ug/l	99
37) Ethyl Acetate	7.25	43	22763	48.787	ug/l	99
38) Carbon Tetrachloride	8.07	117	71889	52.667	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80055	52.701	ug/l	94
40) Benzene	8.32	78	181404	52.107	ug/l	99
41) Methacrylonitrile	7.48	41	13675	51.468	ug/l	97
42) 1,2-Dichloroethane	8.40	62	56792	51.931	ug/l	99
43) Isopropyl Acetate	8.43	43	47344	51.369	ug/l	99
44) Trichloroethene	9.09	130	52078	52.385	ug/l	96
45) 1,2-Dichloropropane	9.37	63	43126	53.531	ug/l	98
46) Dibromomethane	9.46	93	23704	51.811	ug/l	98
47) Bromodichloromethane	9.65	83	62898	52.413	ug/l	91
48) Methyl methacrylate	9.43	41	23101	48.804	ug/l	93
49) 1,4-Dioxane	9.45	88	7909	1065.424	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	115363	264.913	ug/l	100
52) Toluene	10.39	92	120010	53.268	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	62816	53.918	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	71569	53.140	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33411	53.658	ug/l	94
56) Ethyl methacrylate	10.65	69	39677	53.014	ug/l	98
57) 1,3-Dichloropropane	10.93	76	56450	55.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91610	265.435	ug/l	100
59) 2-Hexanone	10.97	43	81132	279.404	ug/l	100
60) Dibromochloromethane	11.13	129	44300	56.376	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33764	54.871	ug/l	96
64) Tetrachloroethene	10.86	164	44358	49.596	ug/l	94
65) Chlorobenzene	11.66	112	134777	51.992	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	47836	52.394	ug/l	99
67) Ethyl Benzene	11.73	91	236885	53.151	ug/l	91
68) m/p-Xylenes	11.84	106	183212	105.742	ug/l	99
69) o-Xylene	12.17	106	86557	53.491	ug/l	99
70) Styrene	12.18	104	143781	55.011	ug/l	97
71) Bromoform	12.35	173	23878	51.096	ug/l #	97
73) Isopropylbenzene	12.47	105	241053	51.532	ug/l	98
74) N-amyl acetate	12.27	43	44565	52.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36280	52.365	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	23521m	46.728	ug/l	
77) Bromobenzene	12.75	156	54576	52.635	ug/l	96
78) n-propylbenzene	12.81	91	281461	53.465	ug/l	100
79) 2-Chlorotoluene	12.90	91	164394	51.609	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	206927	52.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11415	50.095	ug/l	95
82) 4-Chlorotoluene	12.99	91	172319	51.321	ug/l	97
83) tert-Butylbenzene	13.21	119	181590	52.433	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	211674	52.335	ug/l	98
85) sec-Butylbenzene	13.39	105	248913	52.649	ug/l	96
86) p-Isopropyltoluene	13.51	119	220733	51.970	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	107494	51.997	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	108960	52.427	ug/l	97
89) n-Butylbenzene	13.83	91	206604	52.471	ug/l	98
90) Hexachloroethane	14.10	117	40330	53.366	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	96521	52.128	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6909	49.692	ug/l	96

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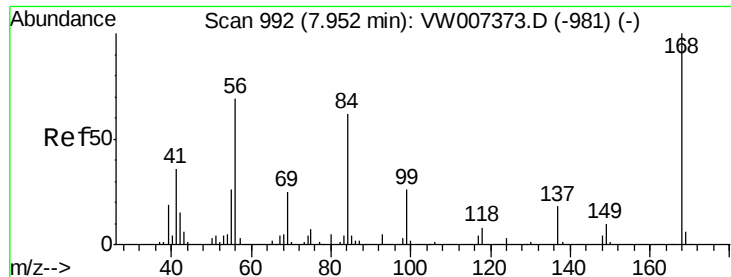
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	66475	52.168	ug/l	95
94) Hexachlorobutadiene	15.24	225	34485	51.005	ug/l	99
95) Naphthalene	15.38	128	128309	52.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	58666	52.999	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 82184

Ion Ratio Lower Upper

168 100

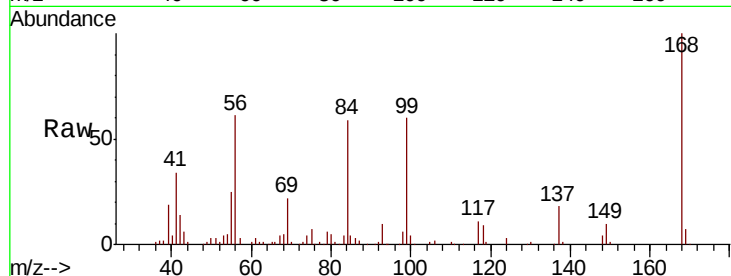
99 60.4 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

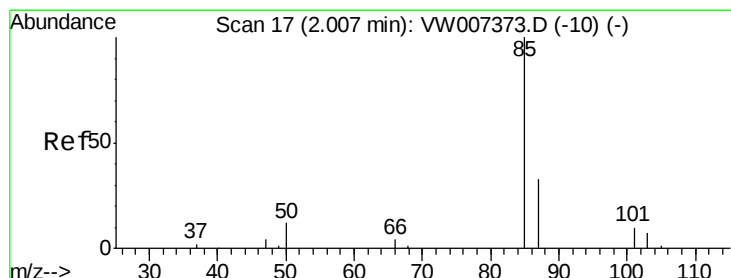
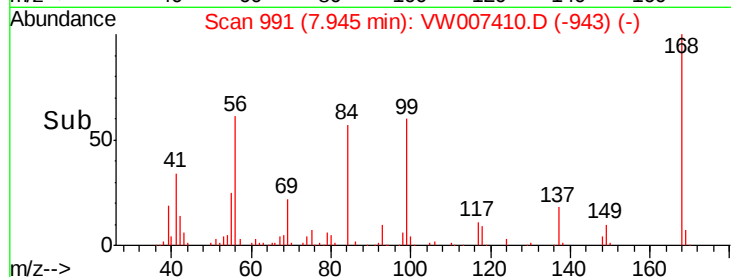
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.707 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007410.D

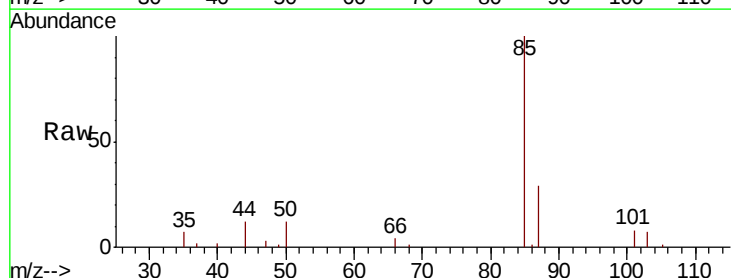
Acq: 11 Dec 2018 23:11

Tgt Ion: 85 Resp: 24527

Ion Ratio Lower Upper

85 100

87 29.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

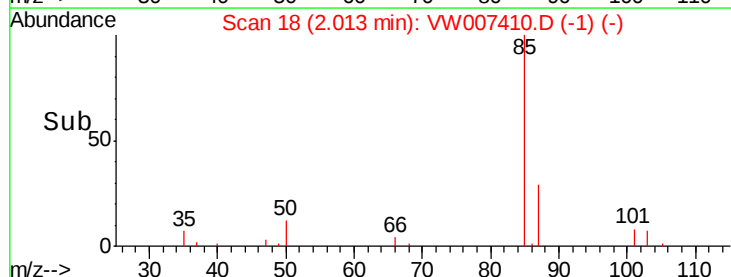
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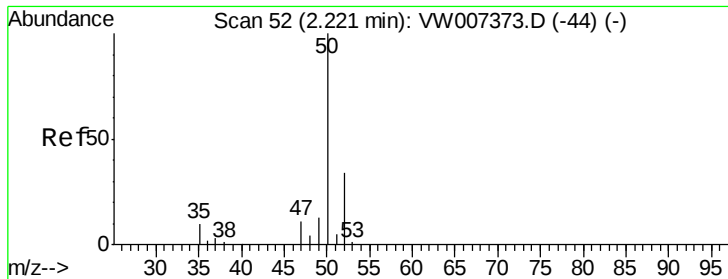
4000

2000

0

Time-->





#3

Chloromethane

Concen: 46.662 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

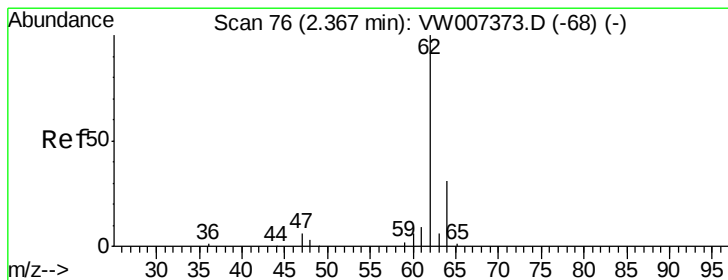
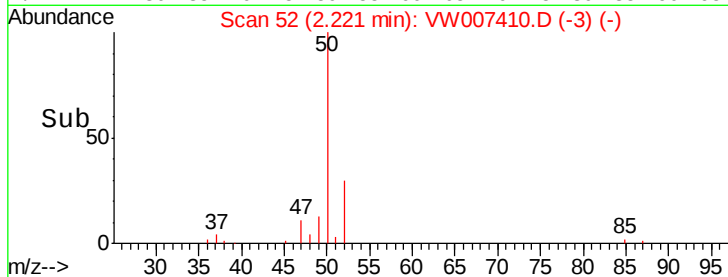
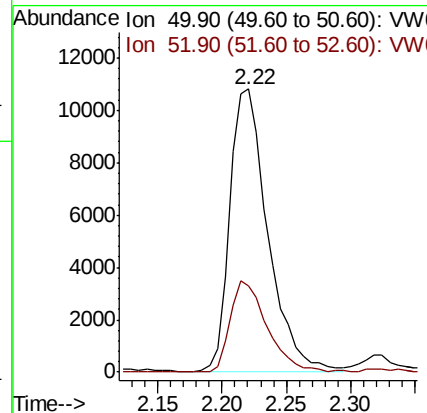
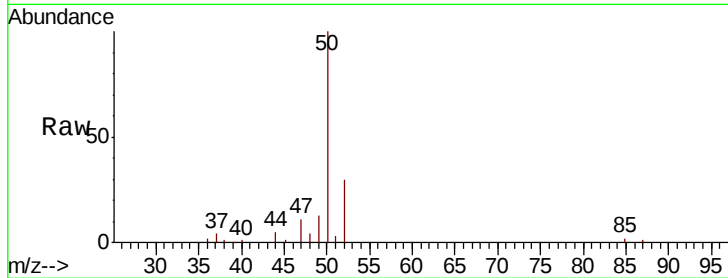
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	30.4	27.4	41.0

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#4

Vinyl Chloride

Concen: 47.948 ug/l

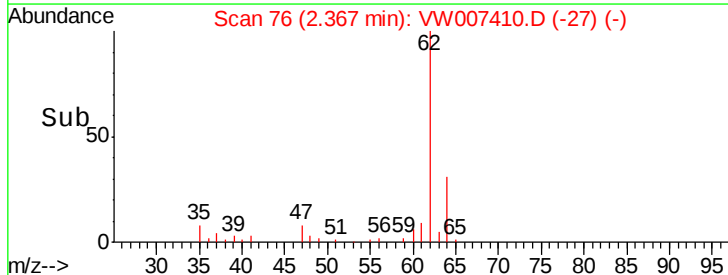
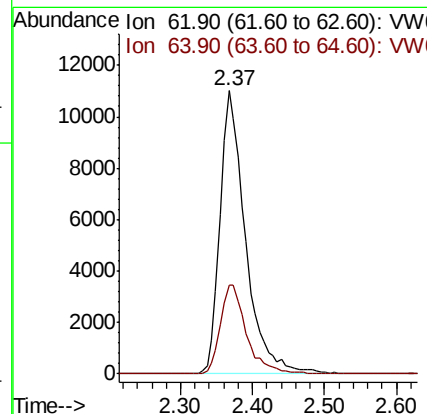
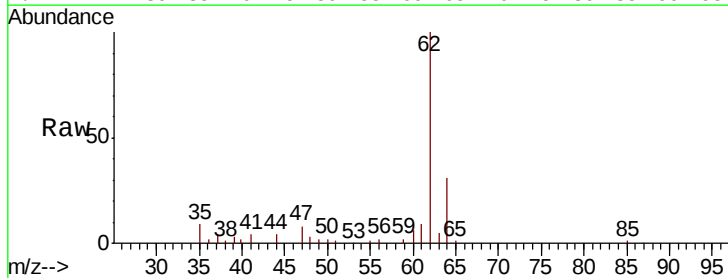
RT: 2.37 min Scan# 76

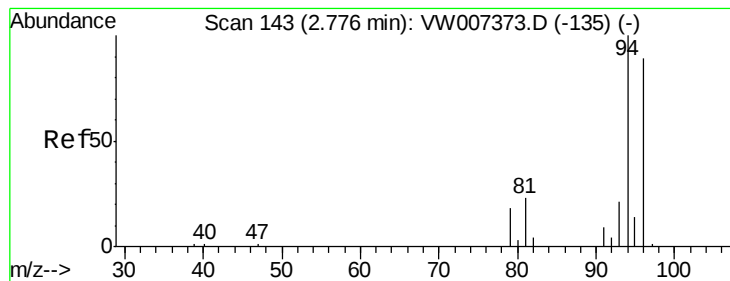
Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.6	37.0





#5

Bromomethane

Concen: 49.923 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 18933

Ion Ratio Lower Upper

94 100

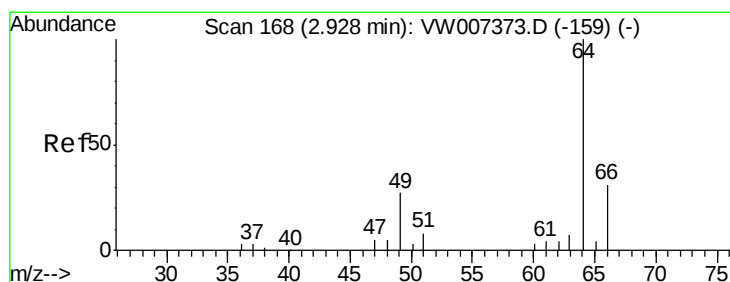
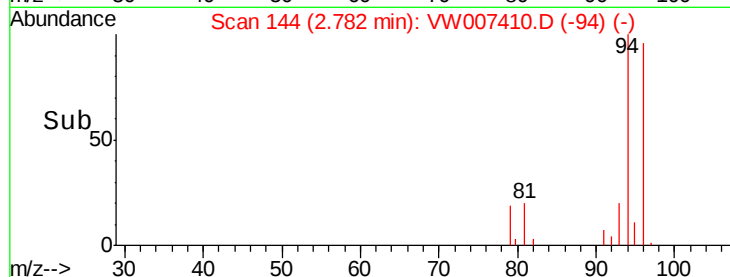
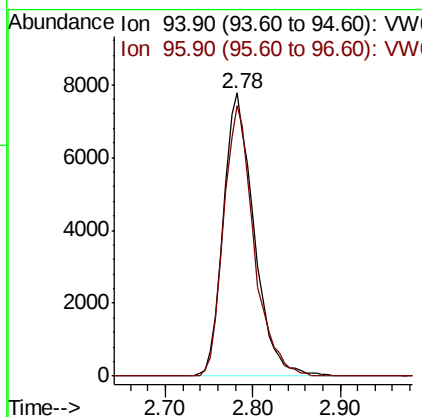
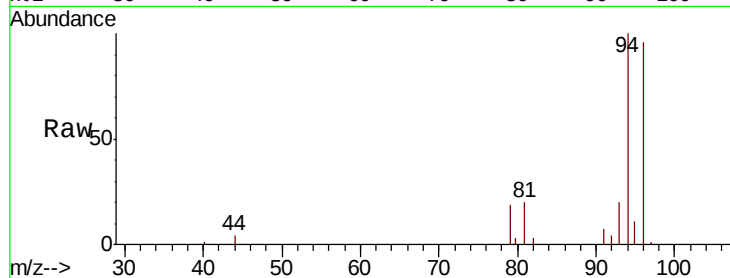
96 95.6 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 48.930 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007410.D

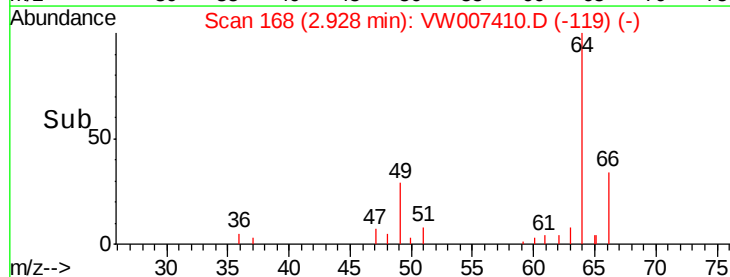
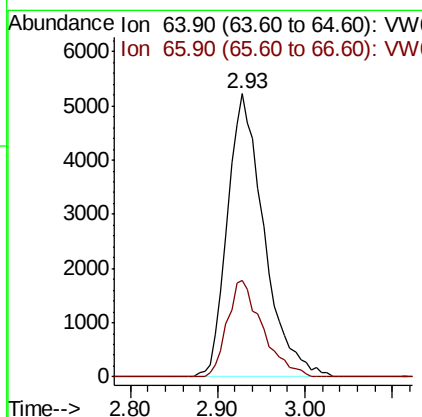
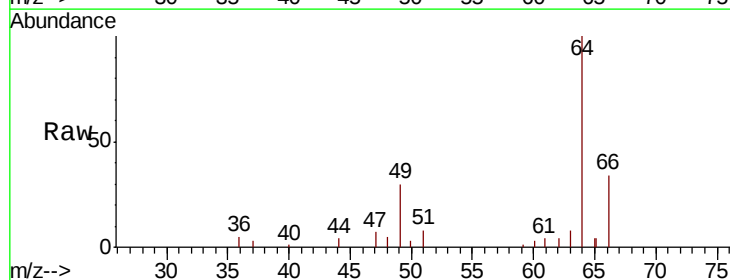
Acq: 11 Dec 2018 23:11

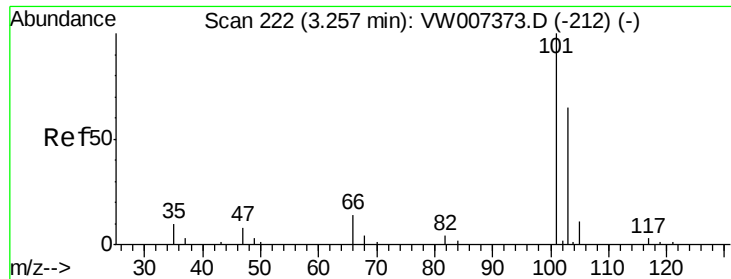
Tgt Ion: 64 Resp: 15203

Ion Ratio Lower Upper

64 100

66 34.2 24.6 37.0





#7

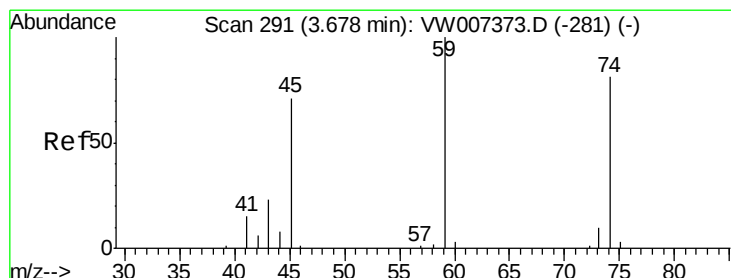
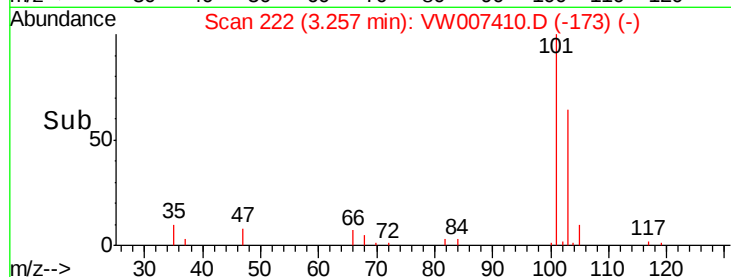
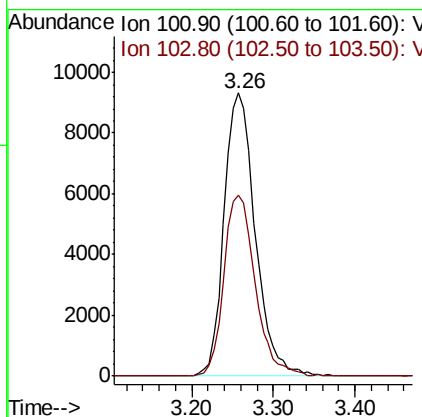
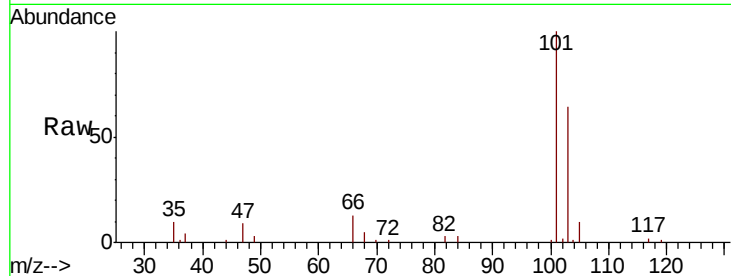
Trichlorofluoromethane
Concen: 48.464 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 24594
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

Manual Integrations
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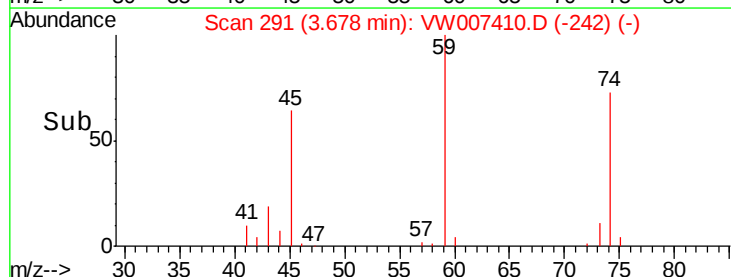
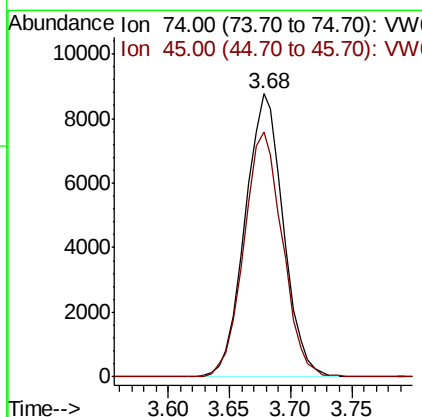
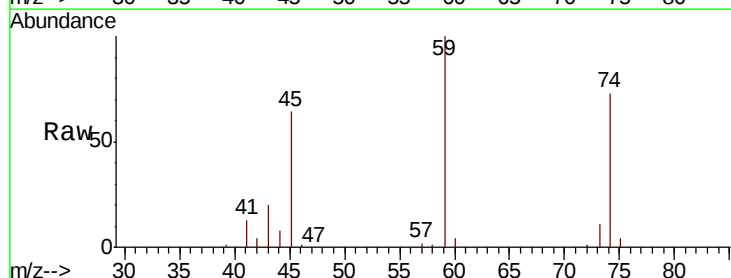
MMDadoda
12/12/2018 2:42:17 PM

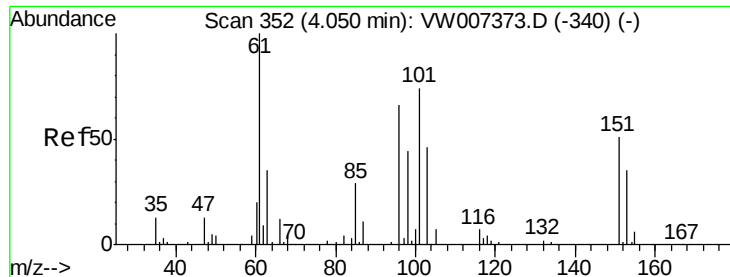


#8

Diethyl Ether
Concen: 47.920 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 74 Resp: 19033
Ion Ratio Lower Upper
74 100
45 87.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.901 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

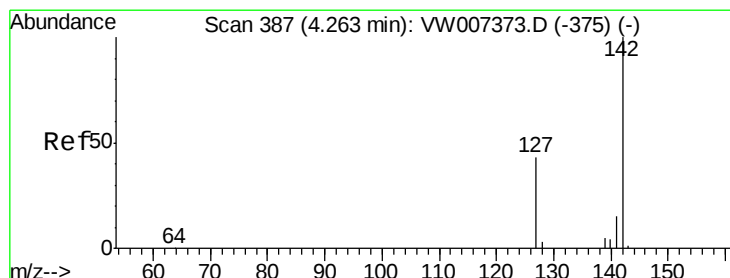
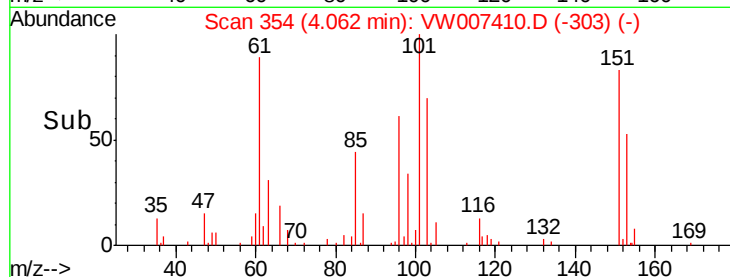
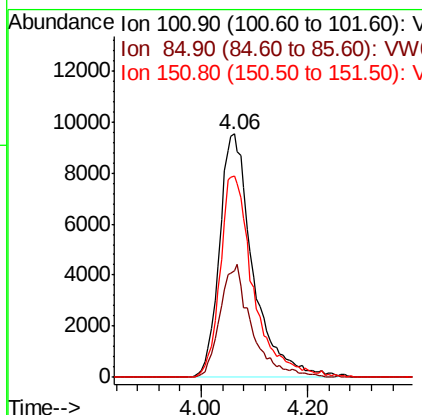
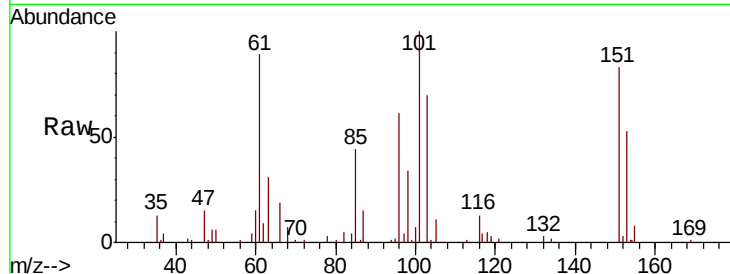
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	41784
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.9	50.9
151	81.5	63.7	95.5

Manual Integrations
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MMDadoda
12/12/2018 2:42:17 PM



#10

Methyl Iodide

Concen: 50.543 ug/l

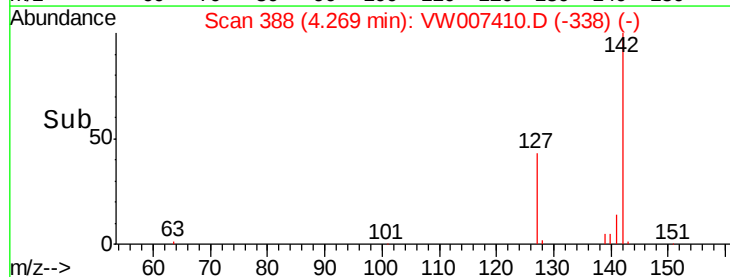
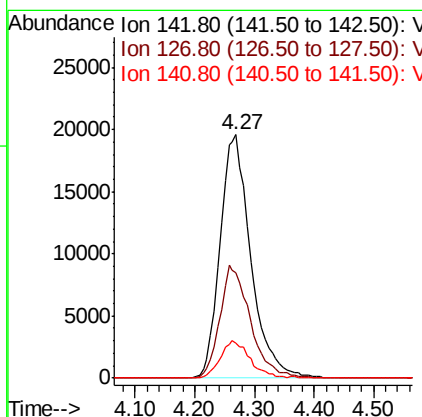
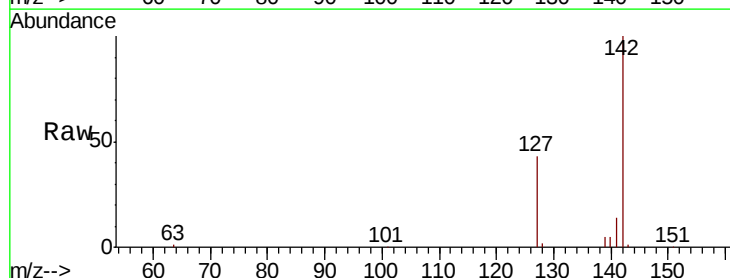
RT: 4.27 min Scan# 388

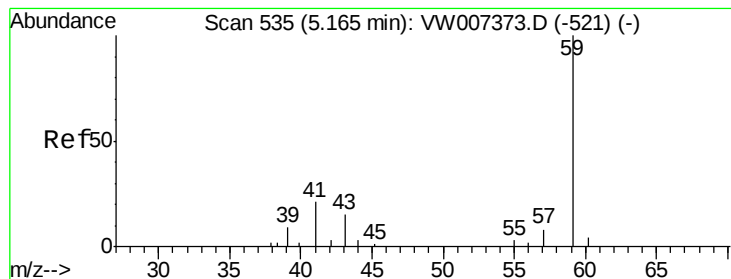
Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion:	142	Resp:	70093
Ion Ratio	Lower	Upper	
142	100		
127	45.9	35.8	53.6
141	14.9	11.1	16.7





#11

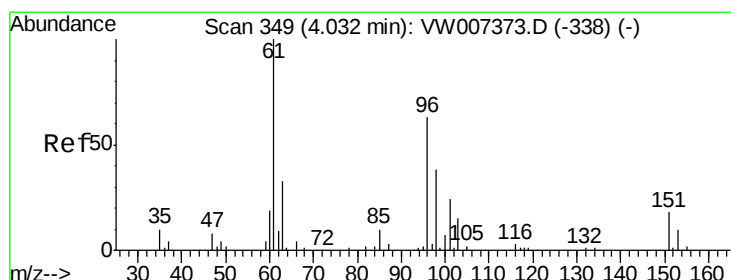
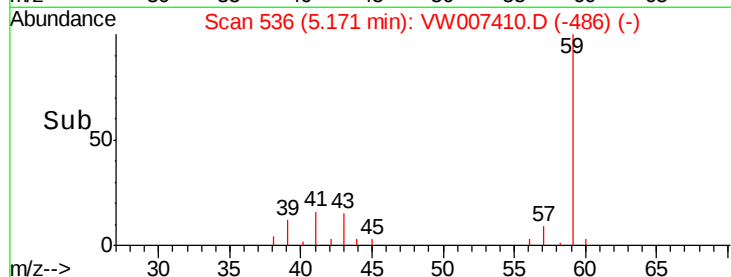
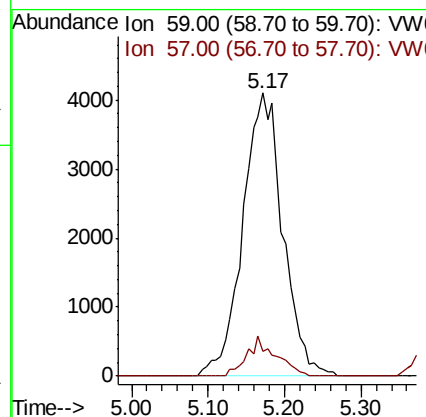
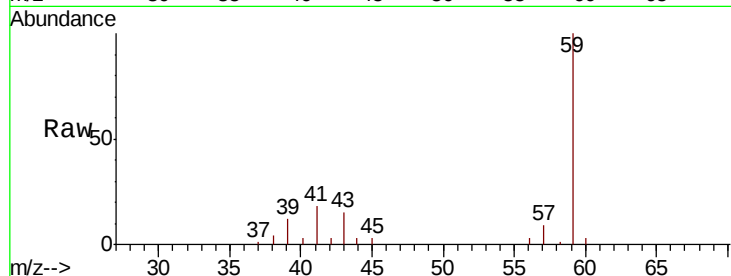
Tert butyl alcohol
 Concen: 237.356 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59.00 (58.70 to 59.70): VW	Resp	14863
Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.6	11.4

Manual Integrations
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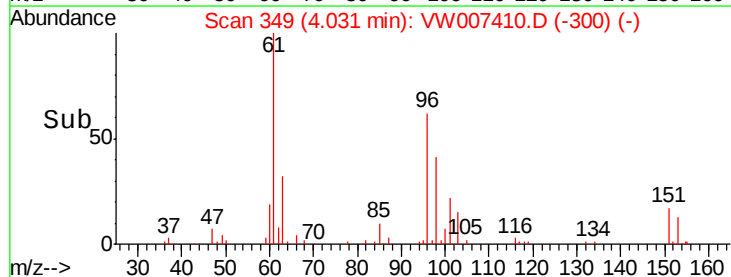
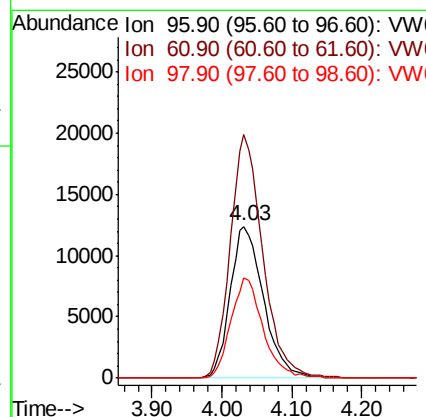
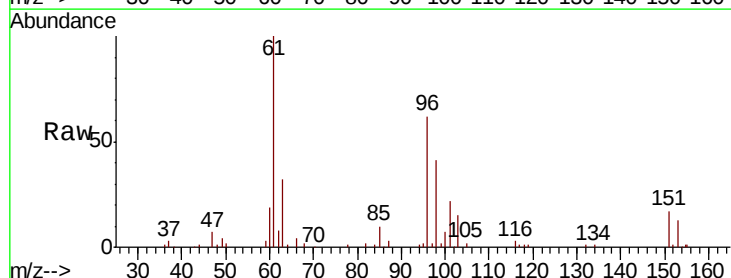
MMDadoda
 12/12/2018 2:42:17 PM

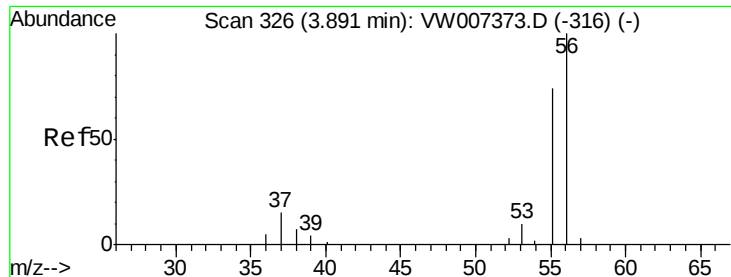


#12

1,1-Dichloroethene
 Concen: 50.976 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	96	Resp	41097
Ion	Ratio	Lower	Upper
96	100		
61	160.5	126.2	189.2
98	66.4	48.3	72.5





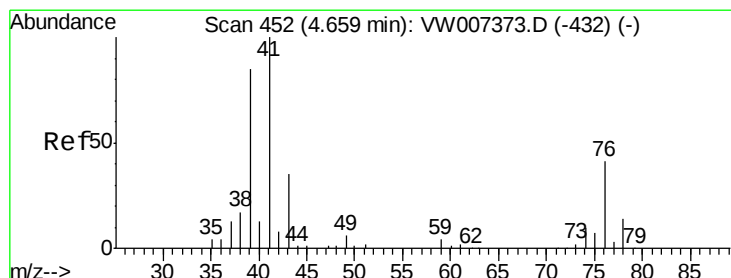
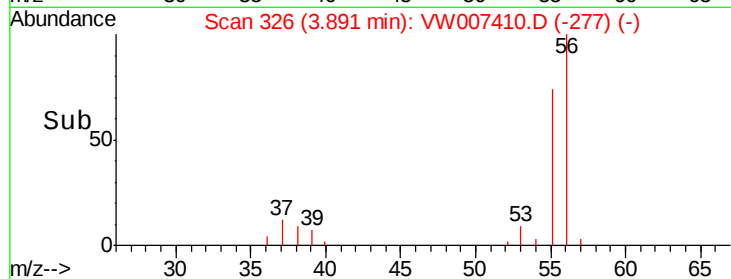
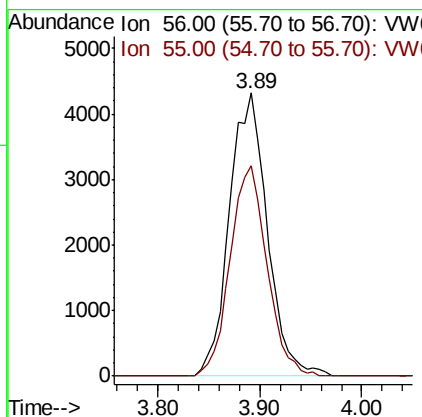
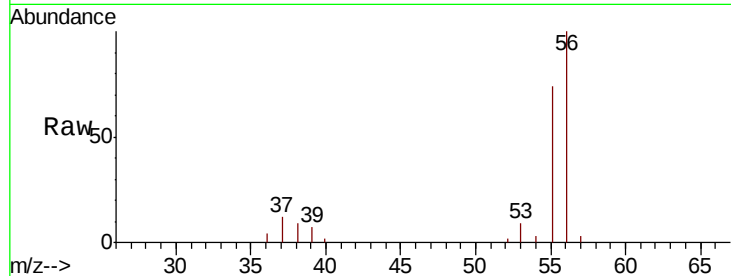
#13
Acrolein
Concen: 268.616 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 11130
Ion Ratio Lower Upper
56 100
55 72.1 57.4 86.2

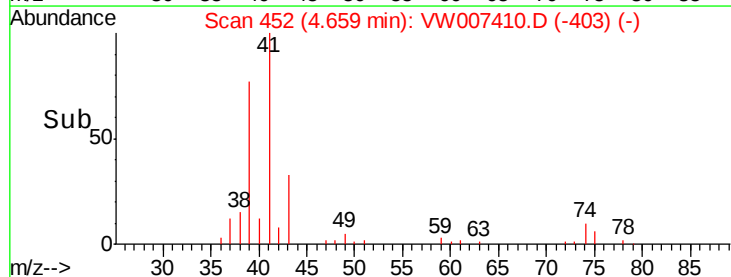
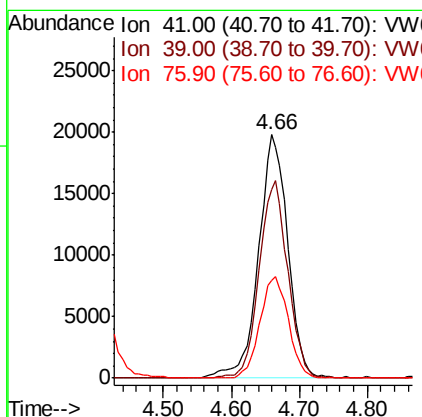
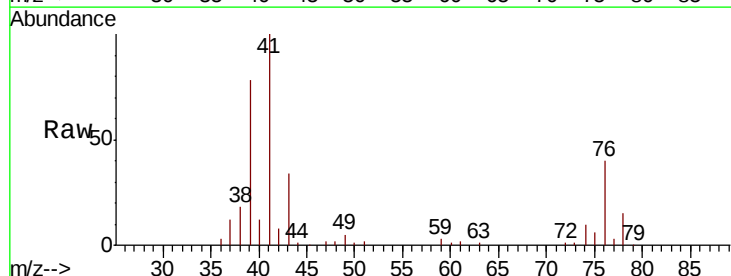
Manual Integrations
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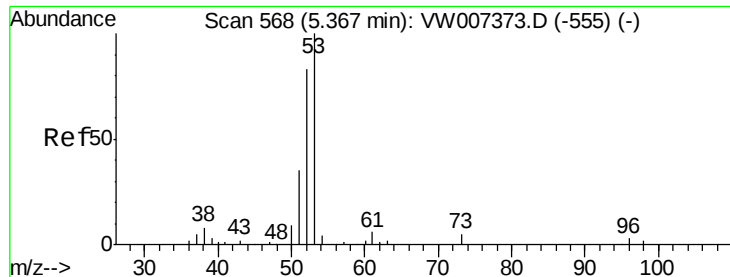
MMDadoda
12/12/2018 2:42:17 PM



#14
Allyl chloride
Concen: 49.927 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 41 Resp: 59331
Ion Ratio Lower Upper
41 100
39 79.5 63.4 95.2
76 40.7 32.1 48.1





#15

Acrylonitrile

Concen: 245.031 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

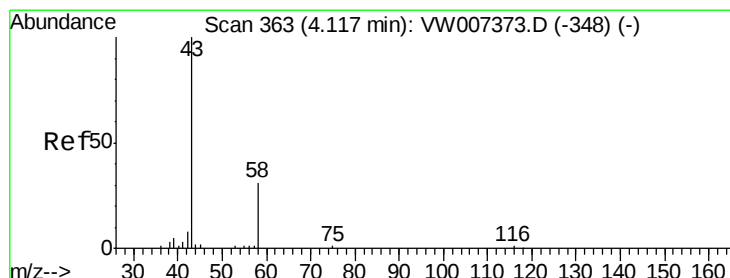
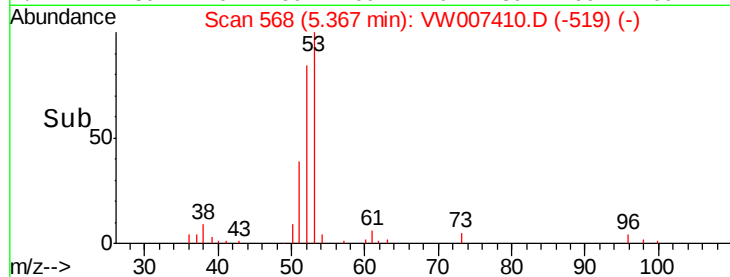
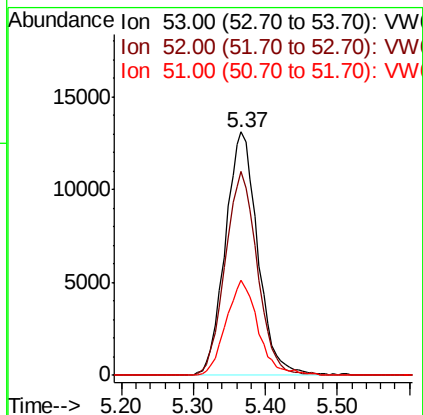
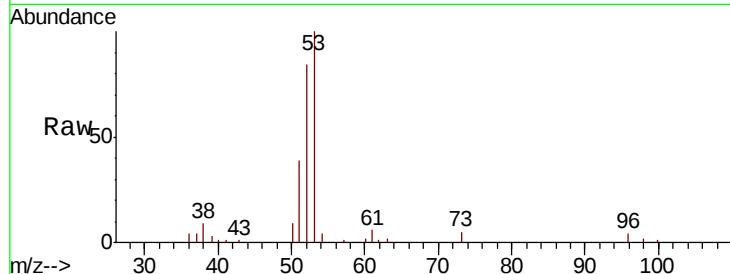
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	41027
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.4	101.2
51	38.6	30.2	45.2

Manual Integrations
APPROVED

MMDadoda
12/12/2018 2:42:17 PM



#16

Acetone

Concen: 245.883 ug/l

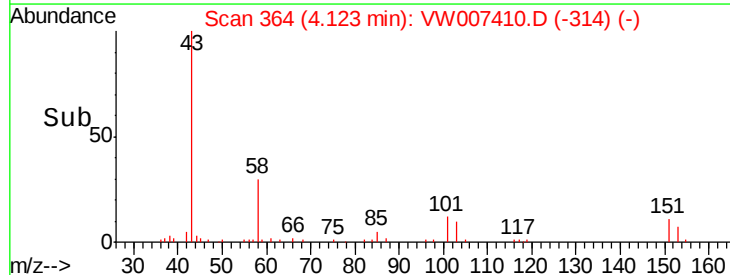
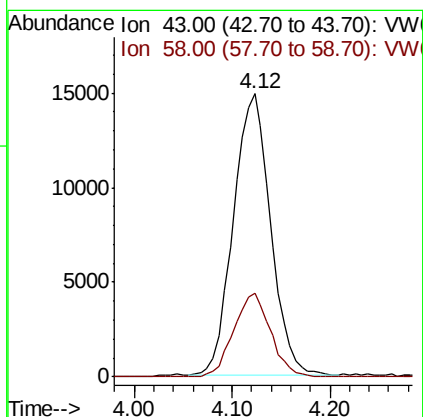
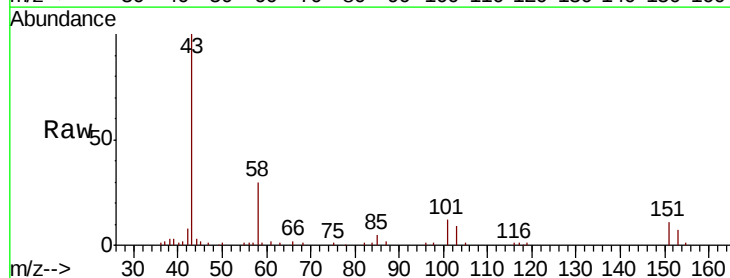
RT: 4.12 min Scan# 364

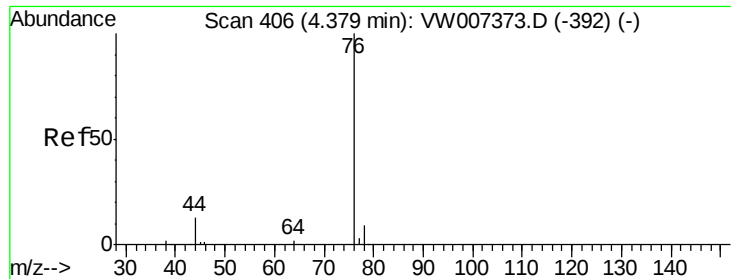
Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion:	43	Resp:	39159
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.9	37.3





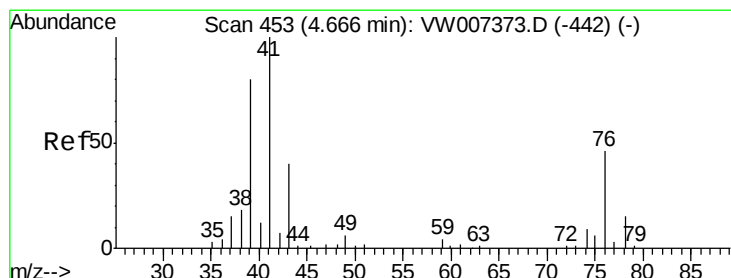
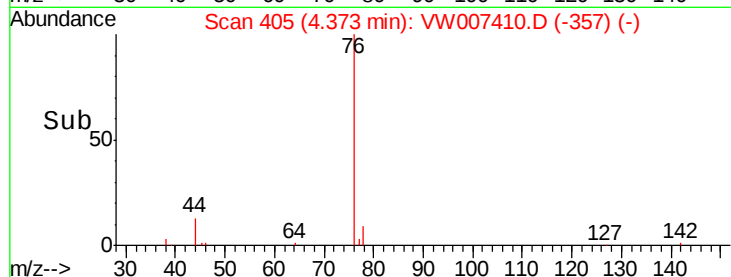
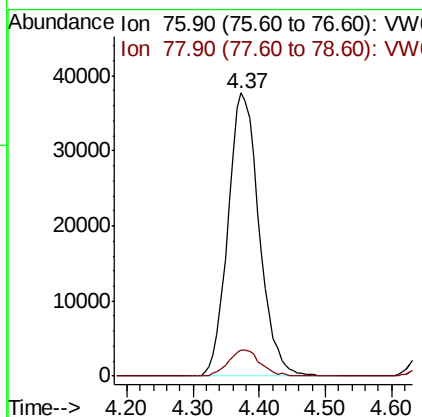
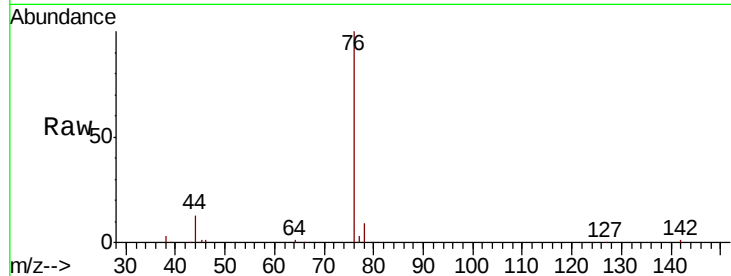
#17
Carbon Disulfide
Concen: 50.292 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

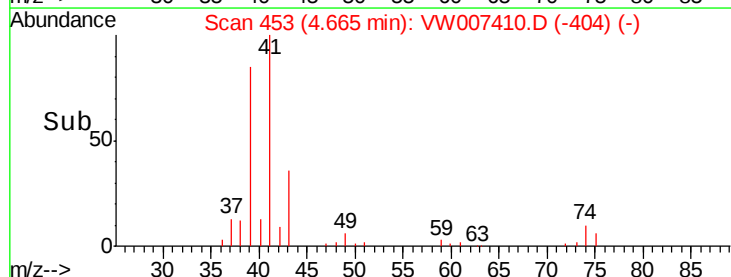
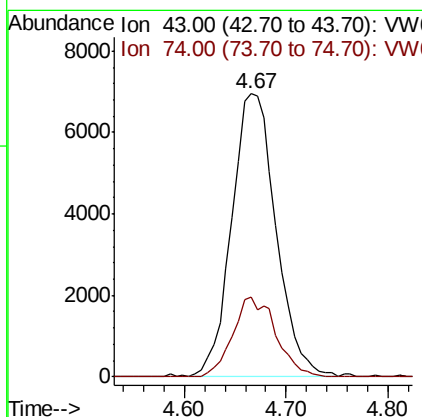
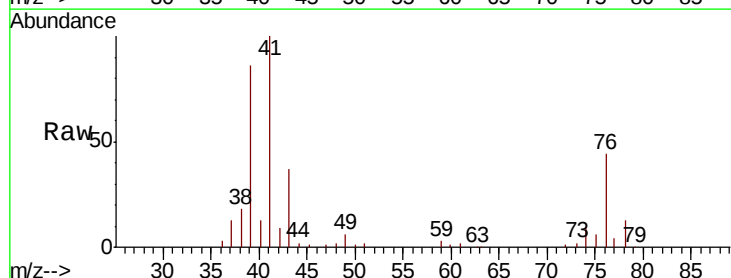
Manual Integrations
APPROVED

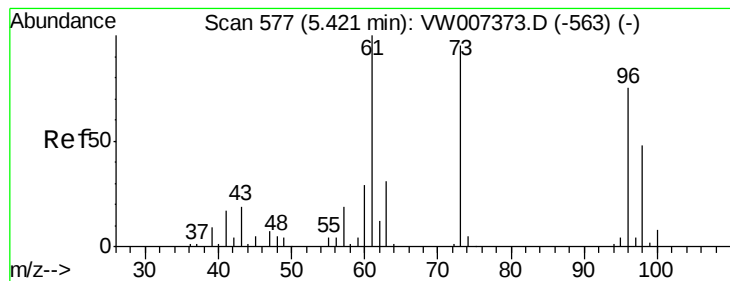
MMDadoda
12/12/2018 2:42:17 PM



#18
Methyl Acetate
Concen: 48.477 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.1	31.7





#19

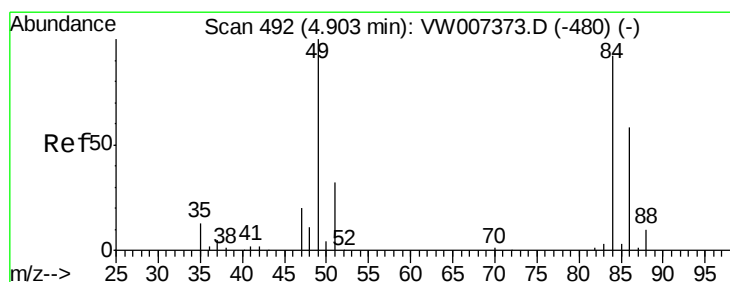
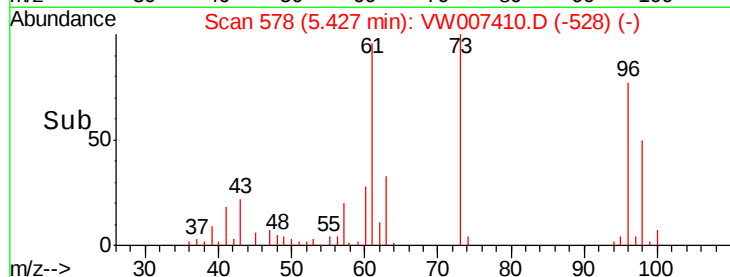
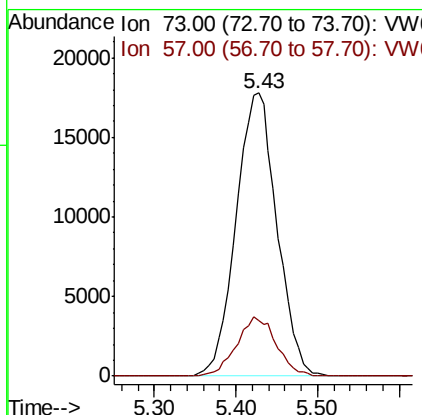
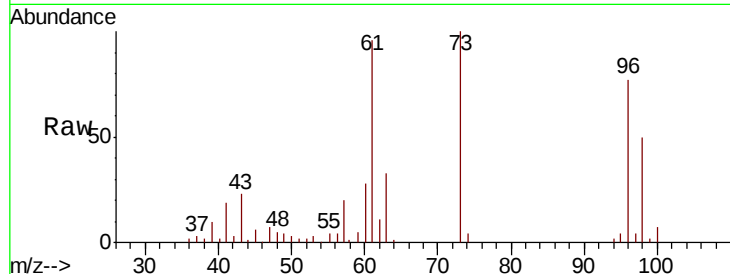
Methyl tert-butyl Ether
 Concen: 50.742 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	16.4	24.6

Manual Integrations
 APPROVED

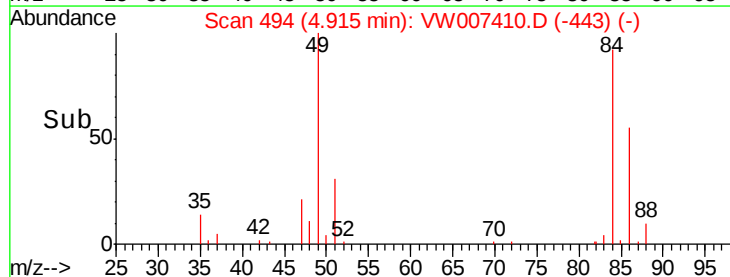
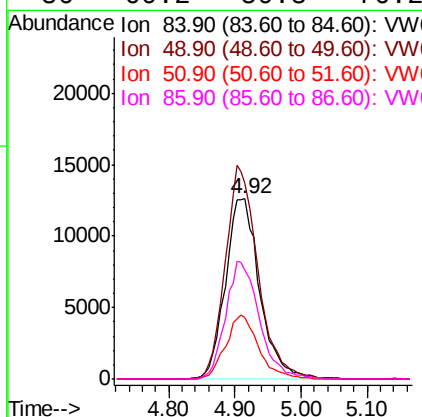
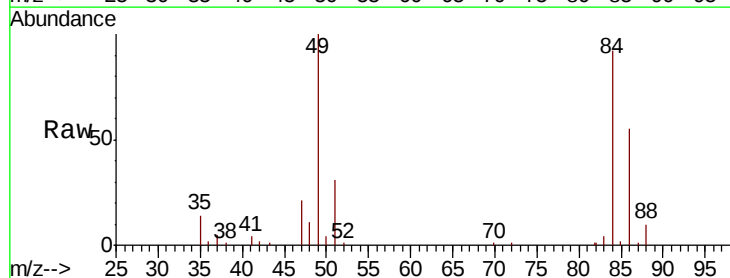
MMDadoda
 12/12/2018 2:42:17 PM

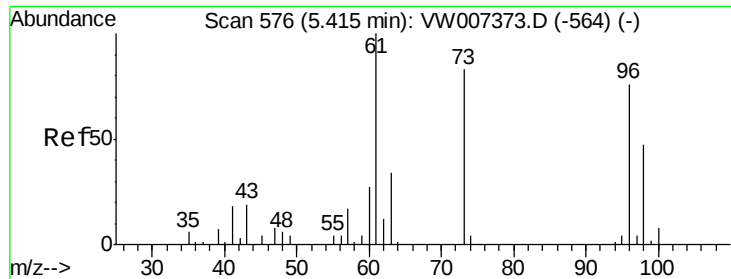


#20

Methylene Chloride
 Concen: 52.199 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.9	87.1	130.7
51	34.3	28.2	42.2
86	60.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 51.017 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 46010

Ion Ratio Lower Upper

96 100

61 130.1 105.0 157.6

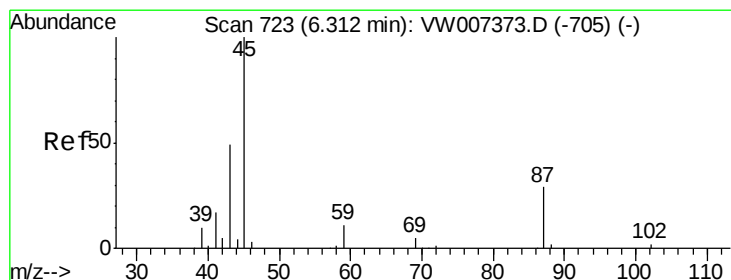
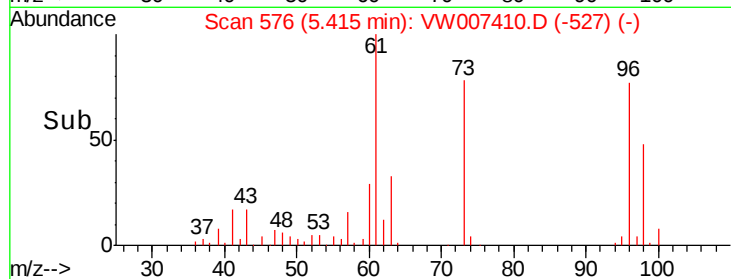
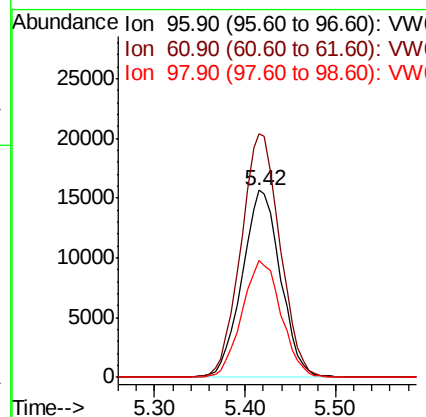
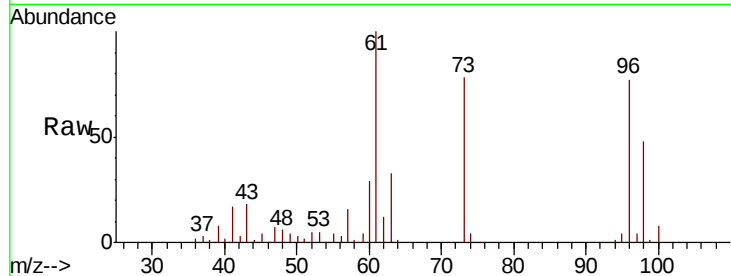
98 62.2 49.7 74.5

Manual Integrations

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MMDadoda

12/12/2018 2:42:17 PM



#22

Diisopropyl ether

Concen: 50.869 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion: 45 Resp: 116194

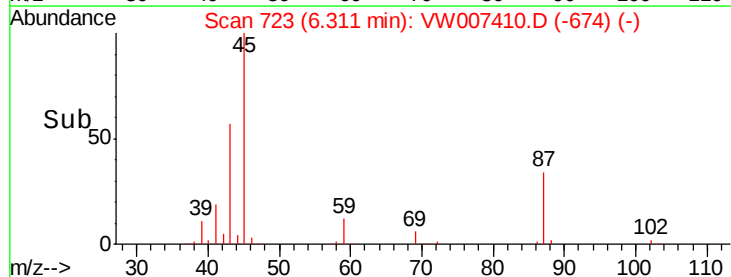
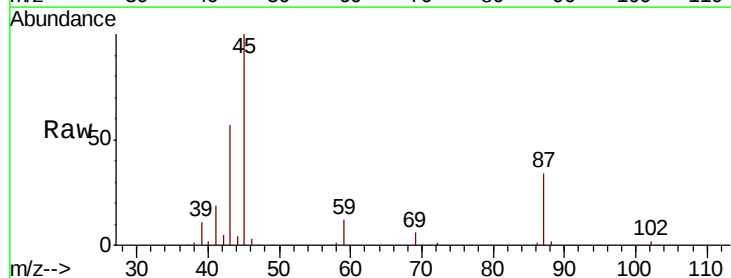
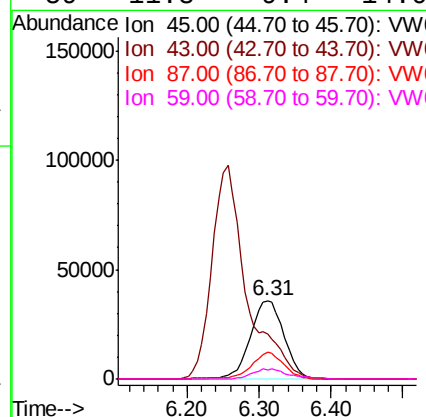
Ion Ratio Lower Upper

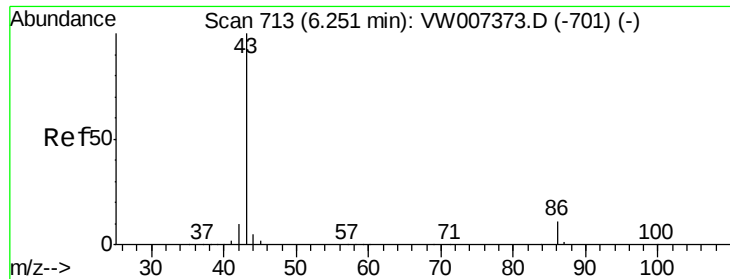
45 100

43 56.6 41.6 62.4

87 34.2 24.3 36.5

59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 255.512 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 326449

Ion Ratio Lower Upper

43 100

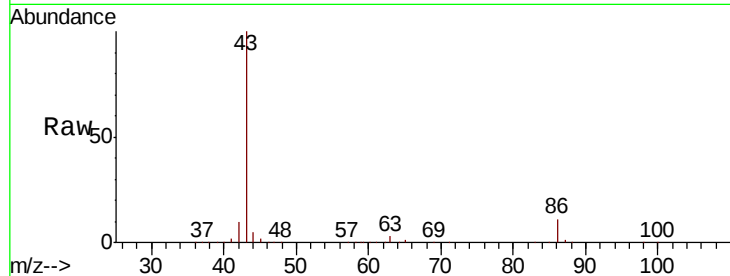
86 10.6 8.6 12.8

Manual Integrations

APPROVED

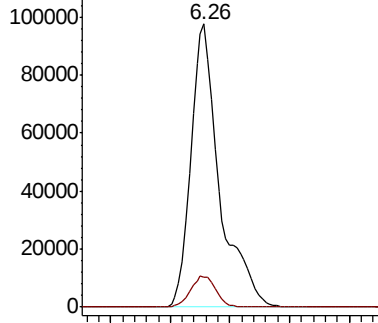
MMDadoda

12/12/2018 2:42:17 PM

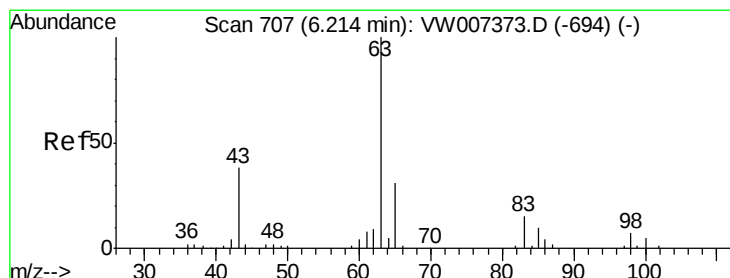
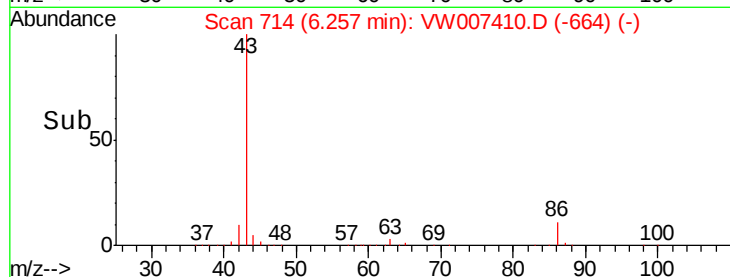


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 50.528 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

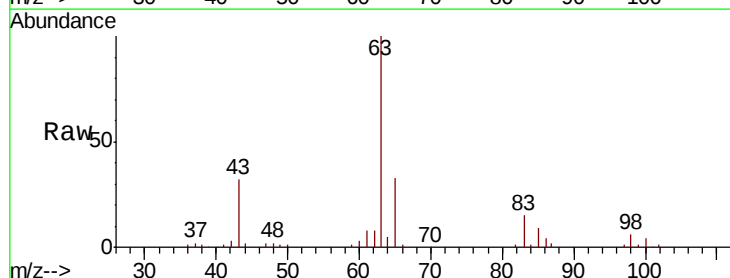
Tgt Ion: 63 Resp: 78005

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

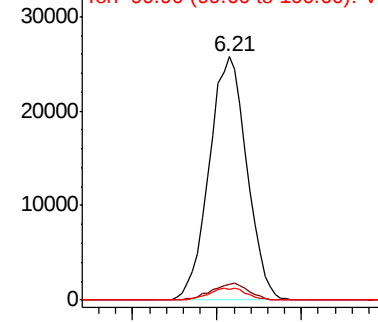
100 4.5 2.5 7.5



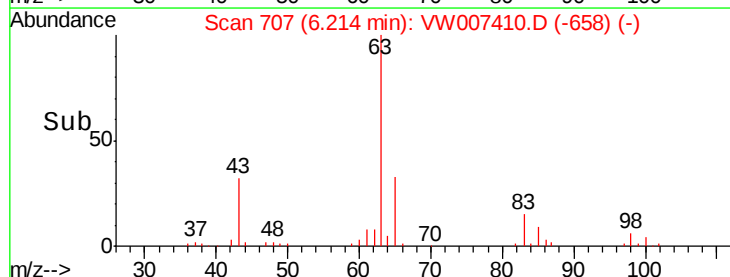
Abundance Ion 62.90 (62.60 to 63.60): VW

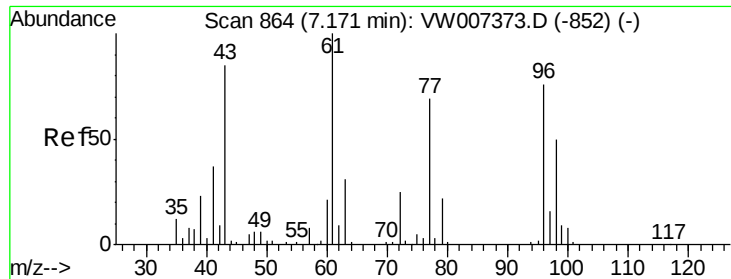
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





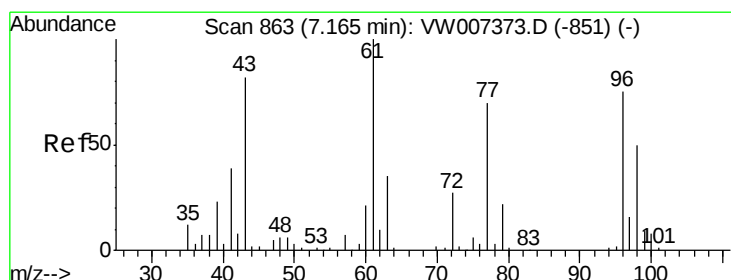
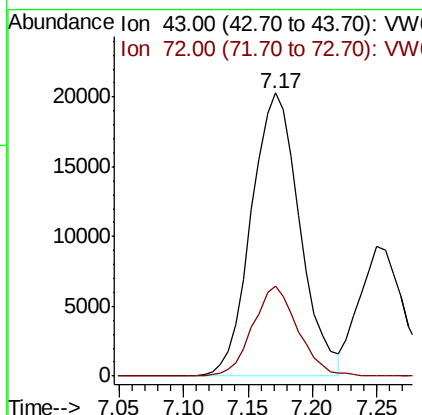
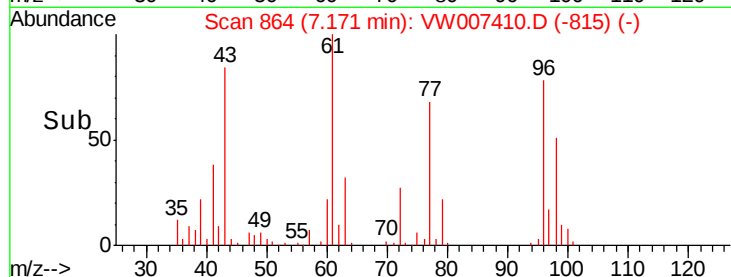
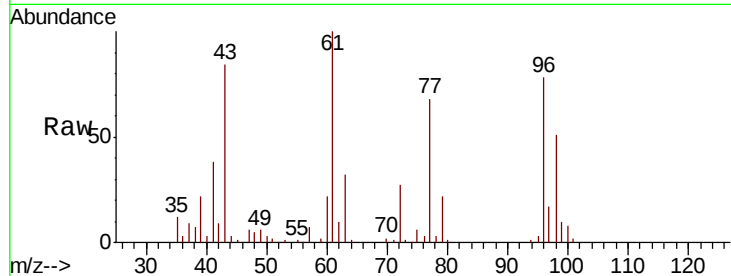
#25
2-Butanone
Concen: 254.997 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 53017
Ion Ratio Lower Upper
43 100
72 31.7 23.4 35.2

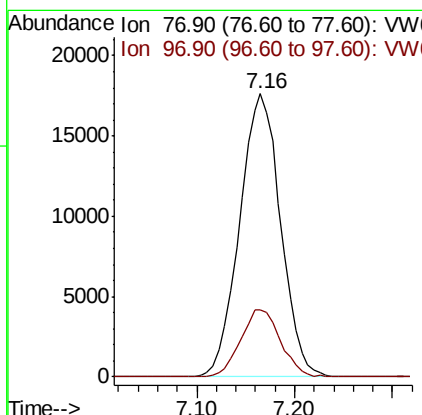
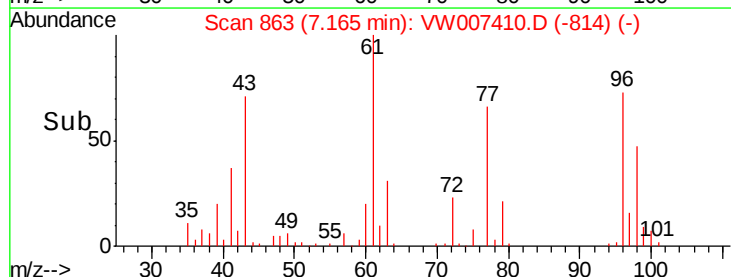
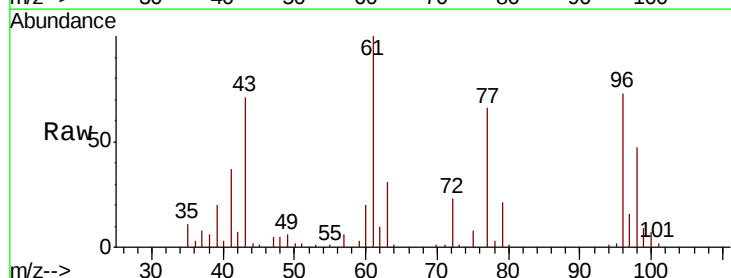
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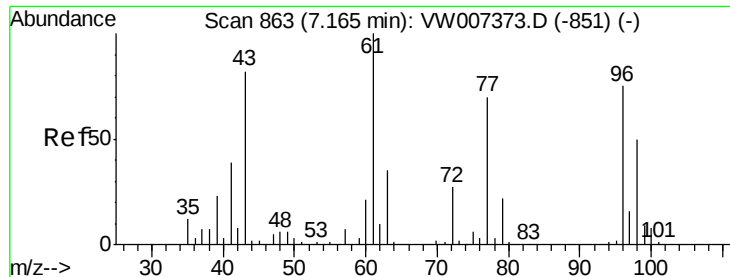
MMDadoda
12/12/2018 2:42:17 PM



#26
2,2-Dichloropropane
Concen: 50.025 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 77 Resp: 51111
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8





#27

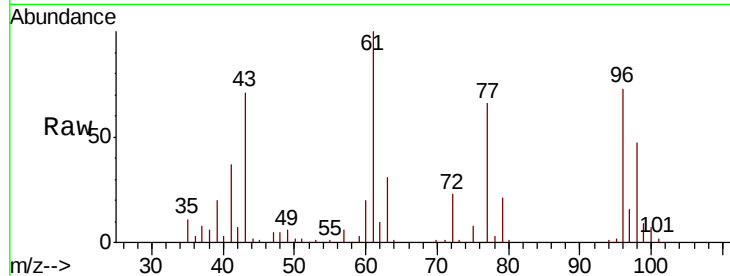
cis-1,2-Dichloroethene
Concen: 50.957 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

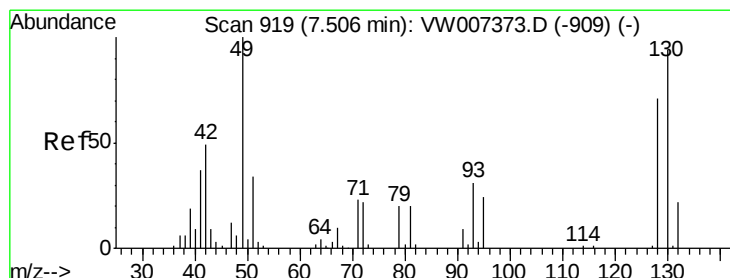
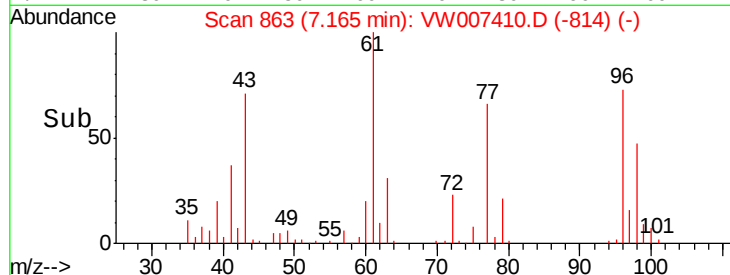
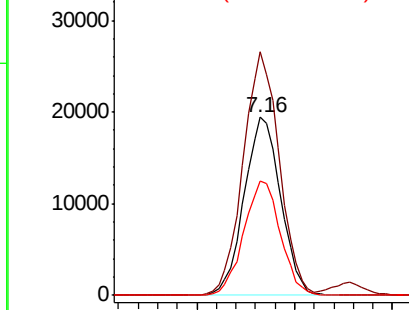
Tot Ion	Ratio	Resp	Lower	Upper
96	100	50320		
61	135.3		0.0	268.4
98	64.4		0.0	127.8

Manual Integrations
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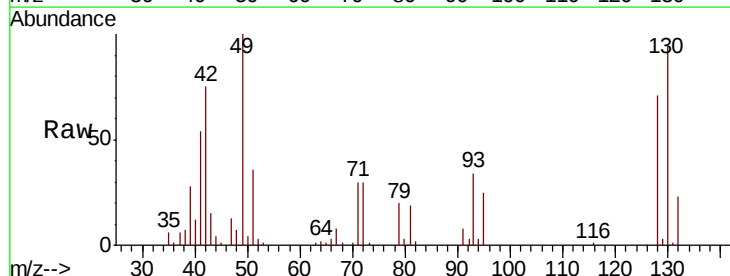
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



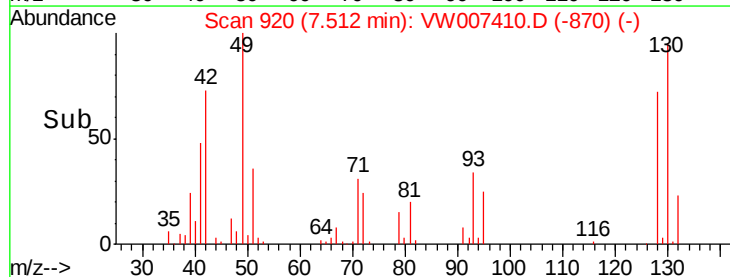
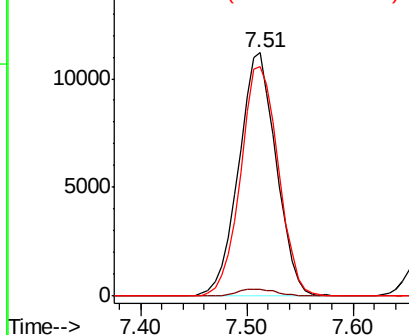
#28

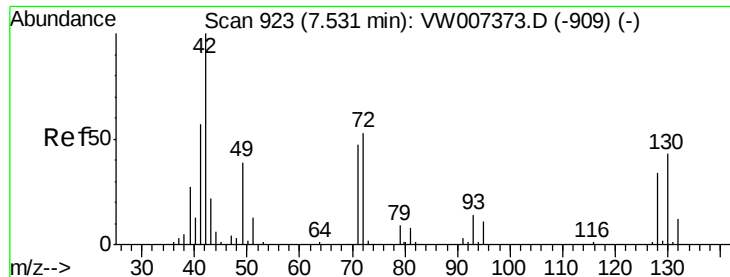
Bromochloromethane
Concen: 47.674 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	27684		
129	3.0		0.0	2.6#
130	95.1		75.9	113.9



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





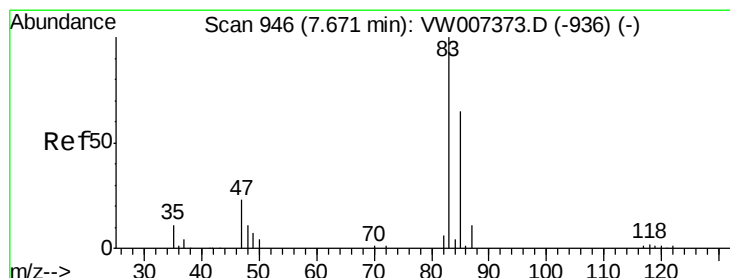
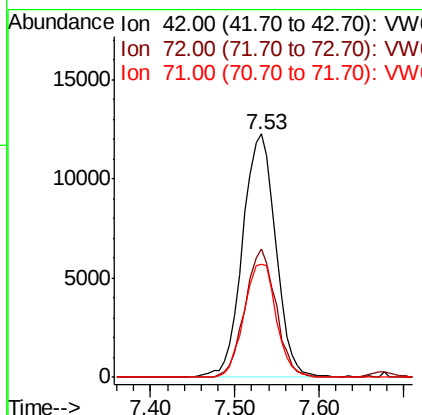
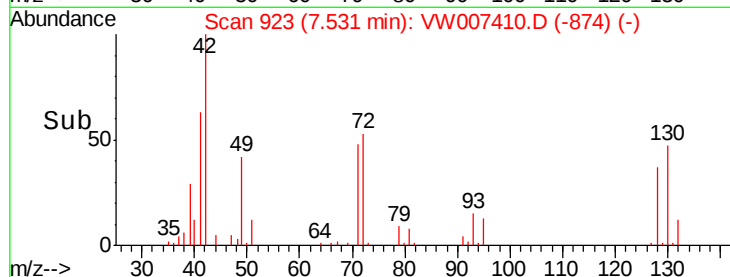
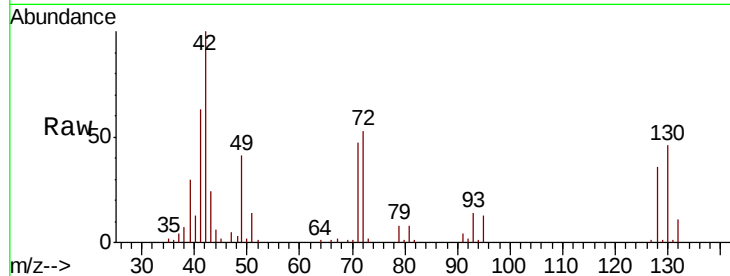
#29
Tetrahydrofuran
Concen: 248.719 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	38.2	57.4
71	45.2	35.5	53.3

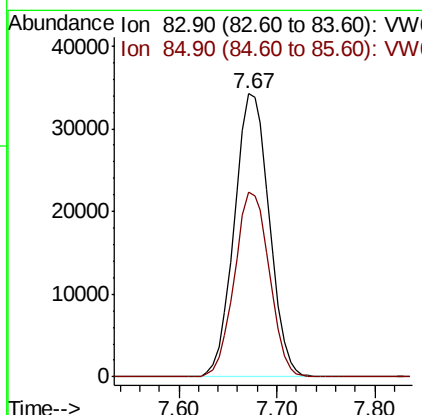
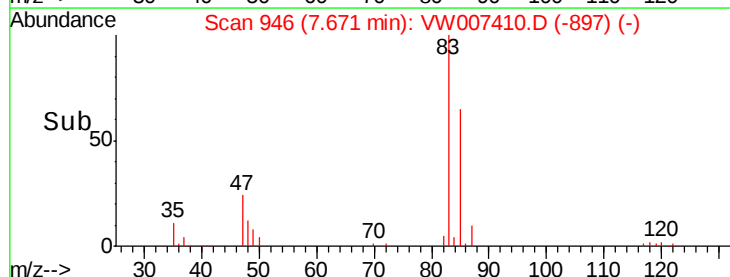
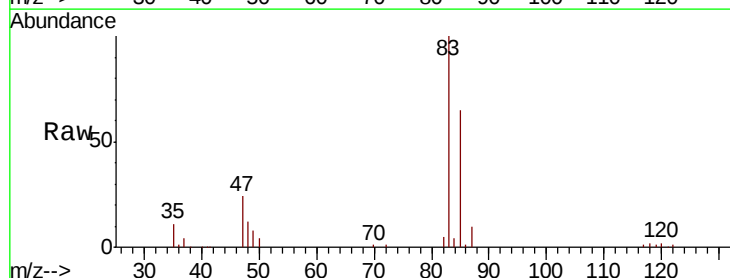
Manual Integrations
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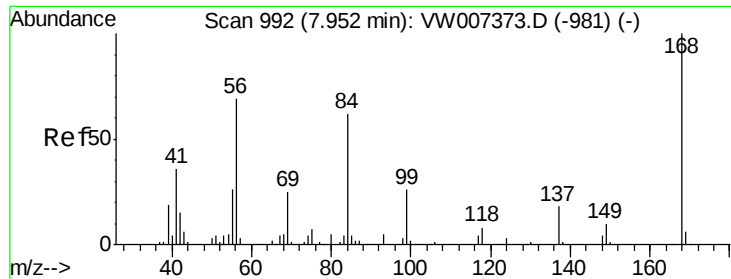
MMDadoda
12/12/2018 2:42:17 PM



#30
Chloroform
Concen: 50.507 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.8





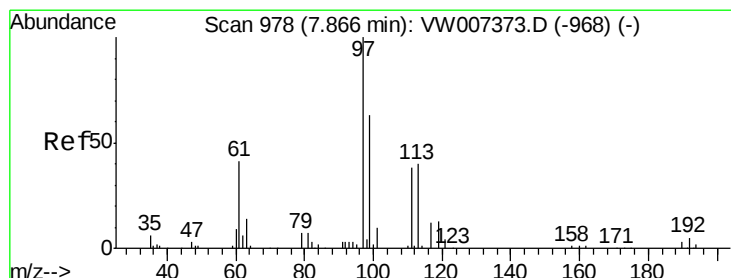
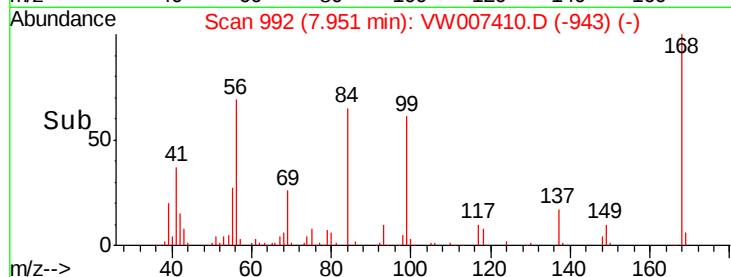
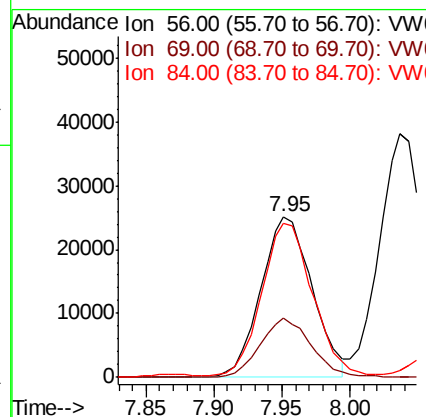
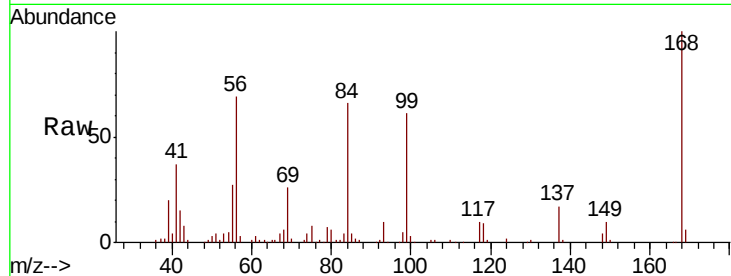
#31
Cyclohexane
Concen: 46.743 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	66208
Ion Ratio	Lower	Upper	
56	100		
69	37.0	28.9	43.3
84	94.5	71.8	107.6

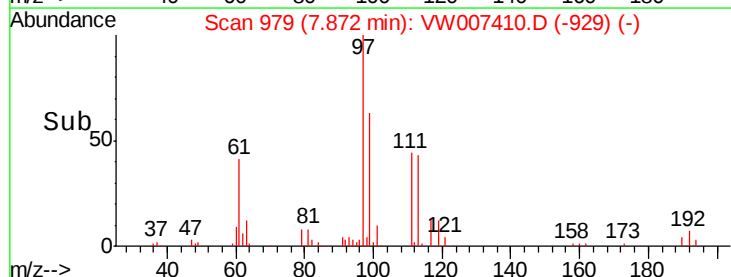
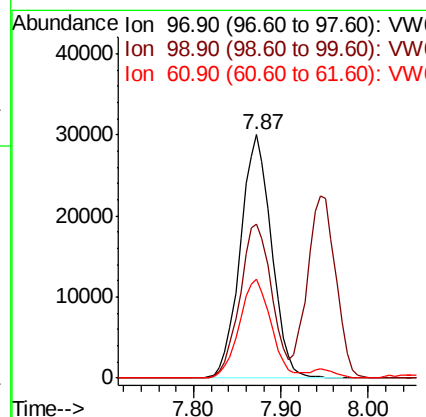
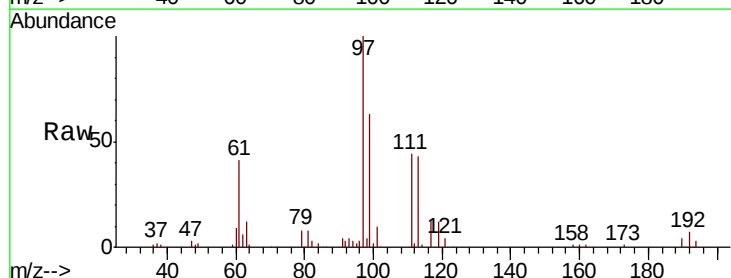
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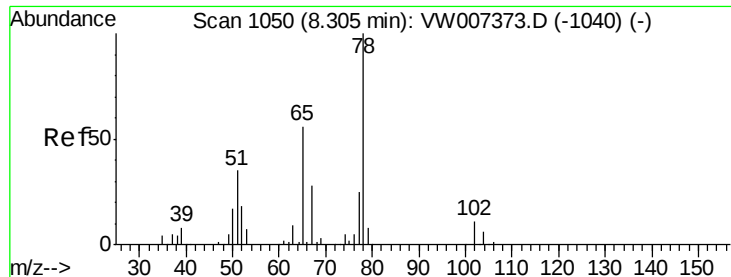
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12/12/2018 2:42:17 PM



#32
1,1,1-Trichloroethane
Concen: 50.503 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	97	Resp	74405
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.1	76.7
61	41.3	33.2	49.8





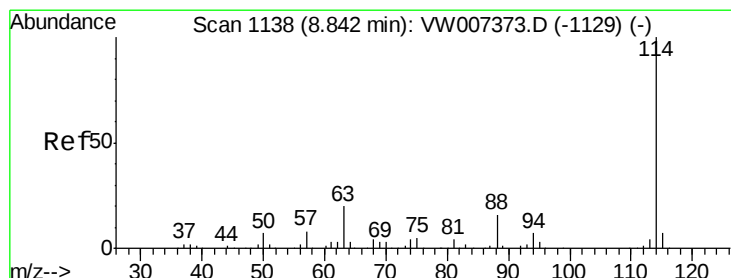
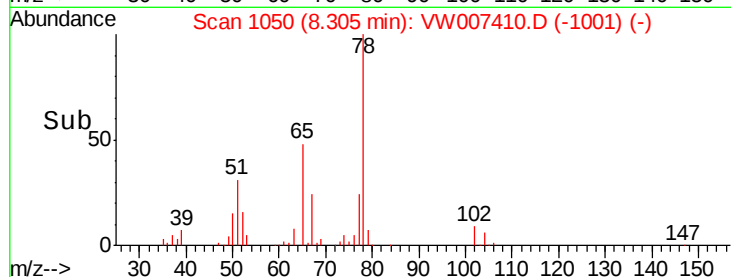
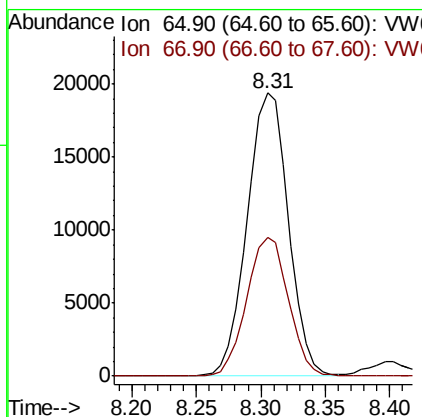
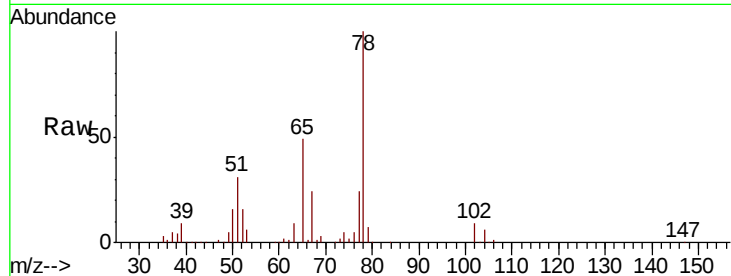
#33
 1,2-Dichloroethane-d4
 Concen: 47.090 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	42935		
67	49.5	0.0	101.6	

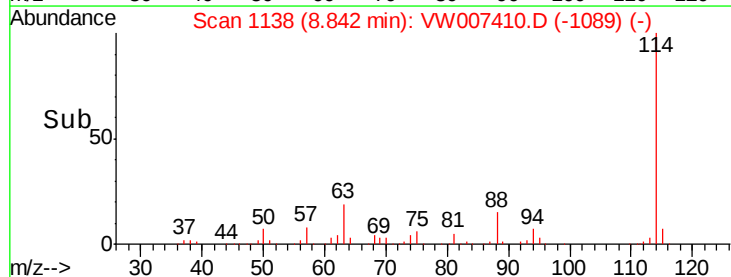
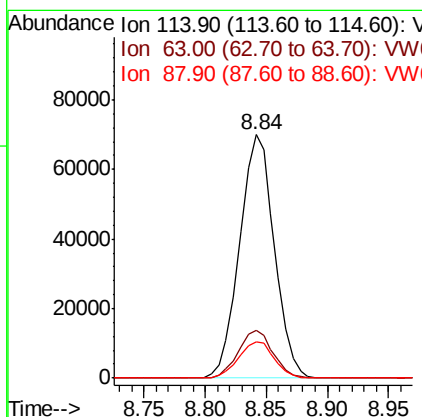
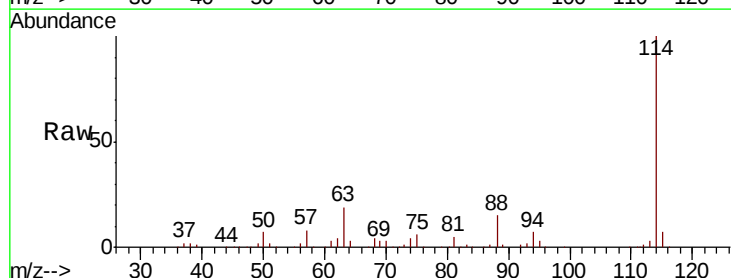
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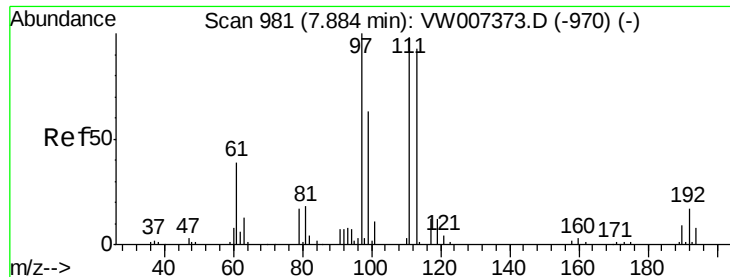
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	137516		
63	19.5	0.0	39.6	
88	15.0	0.0	31.4	





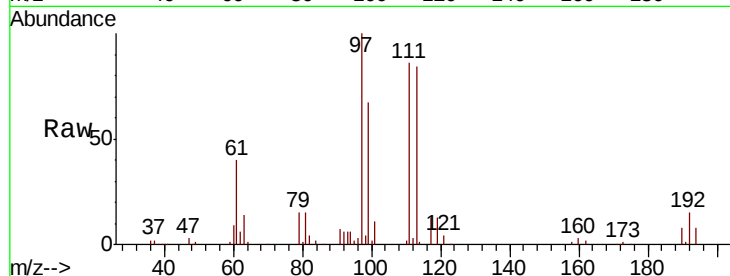
#35
 Dibromofluoromethane
 Concen: 48.310 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.1	121.7
192	17.8	14.6	21.8

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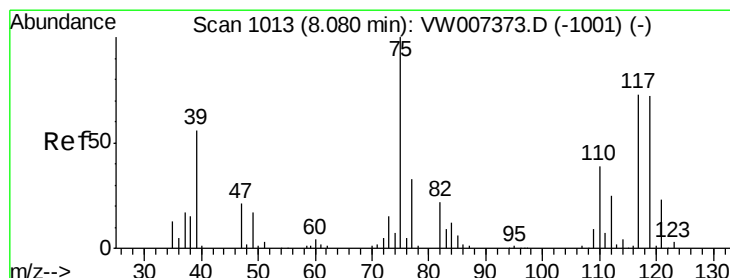
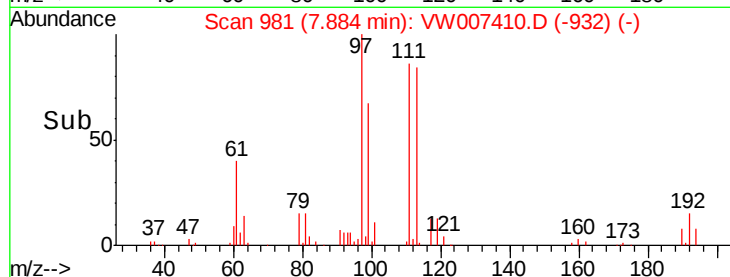
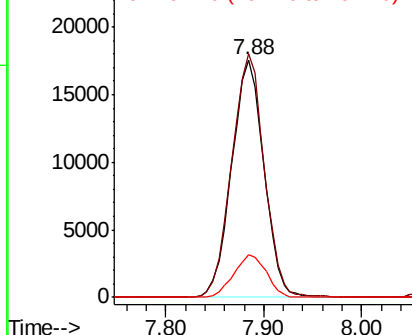


Abundance

Ion 112.80 (112.50 to 113.50): V

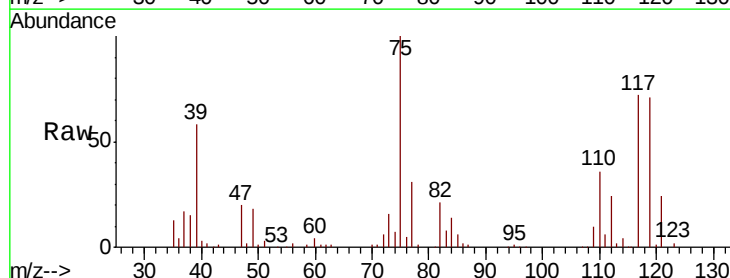
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.340 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.5	55.5
77	31.3	25.6	38.4

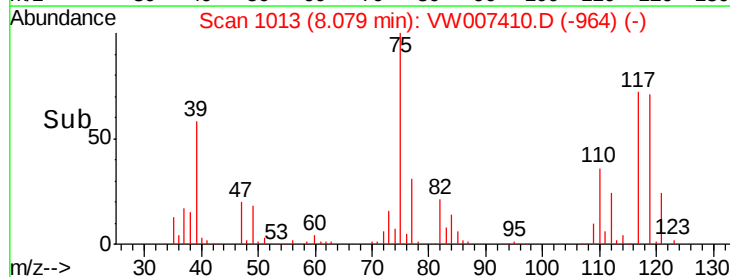
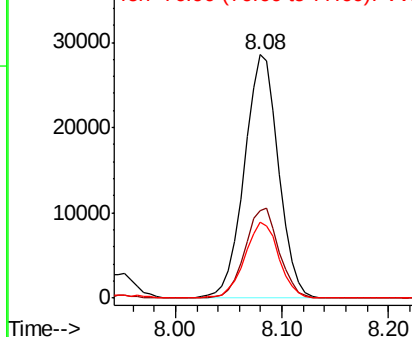


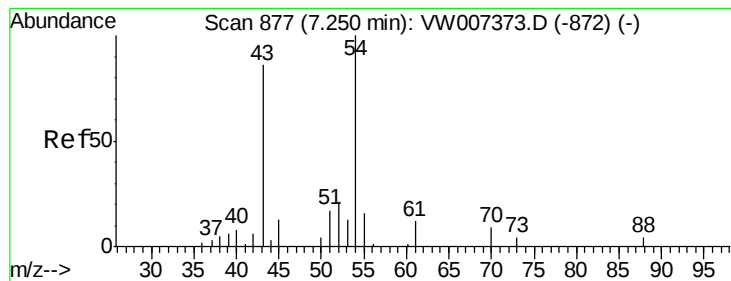
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 48.787 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 22763

Ion Ratio Lower Upper

43 100

61 14.7 12.1 18.1

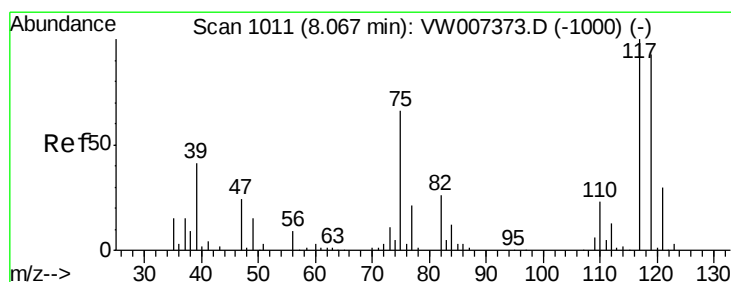
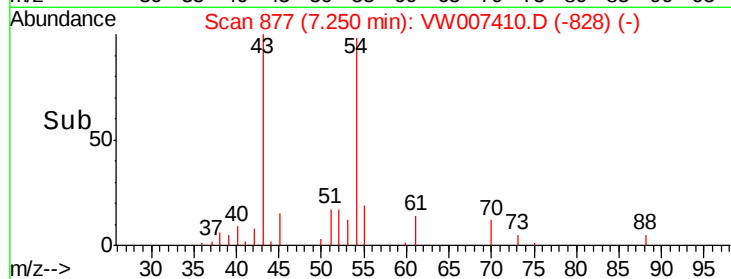
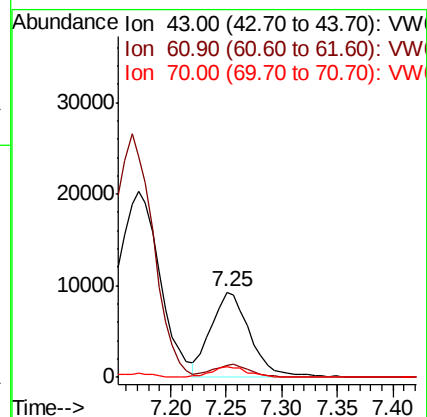
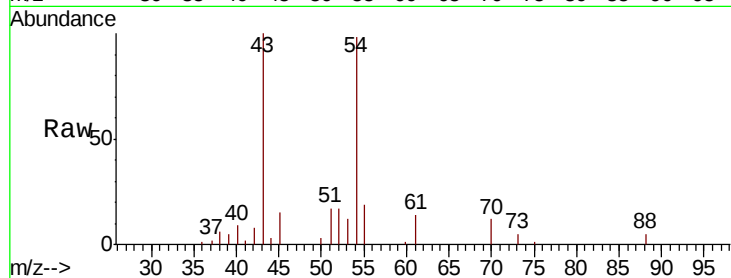
70 11.9 10.0 15.0

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12/12/2018 2:42:17 PM



#38

Carbon Tetrachloride

Concen: 52.667 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

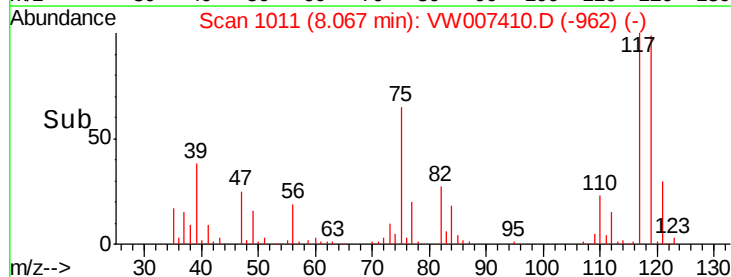
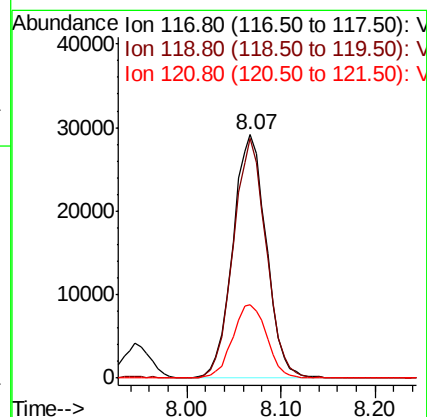
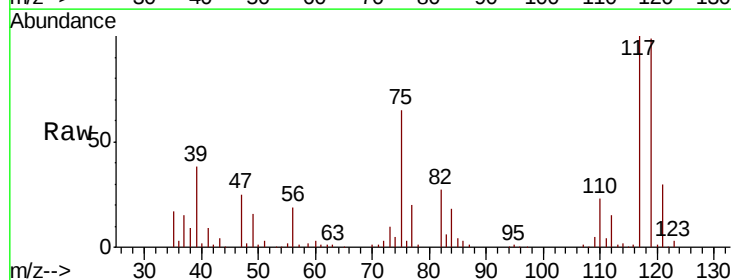
Tgt Ion: 117 Resp: 71889

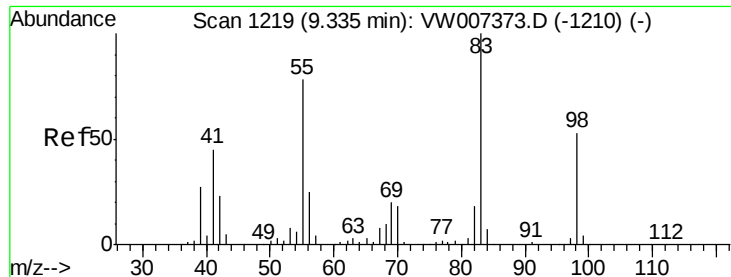
Ion Ratio Lower Upper

117 100

119 98.6 74.3 111.5

121 29.9 24.3 36.5





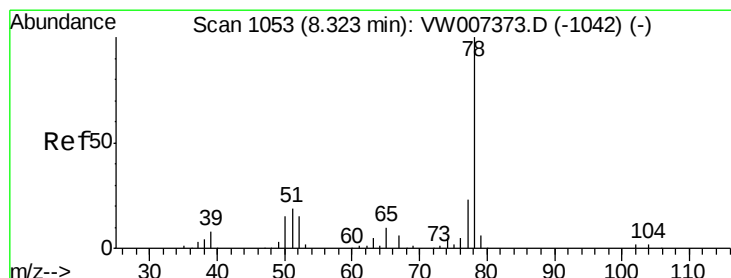
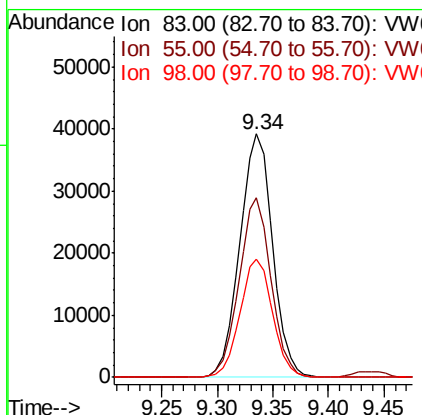
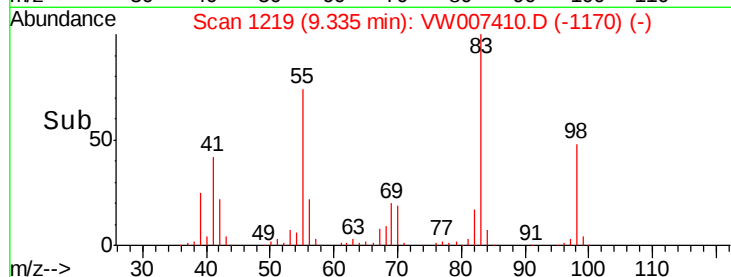
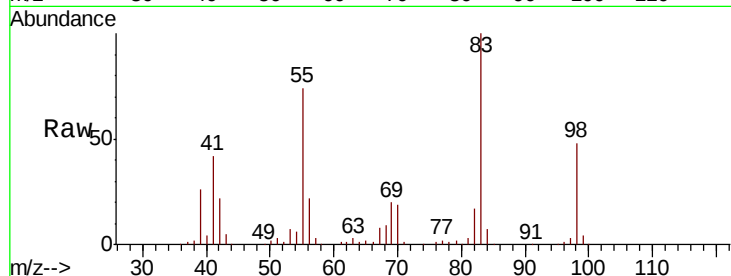
#39
Methvlcvclohexane
Concen: 52.701 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	62.8	94.2
98	48.3	42.2	63.2

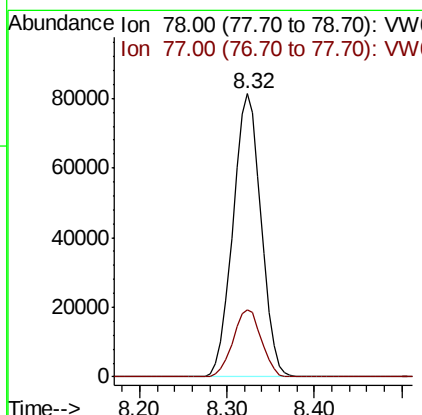
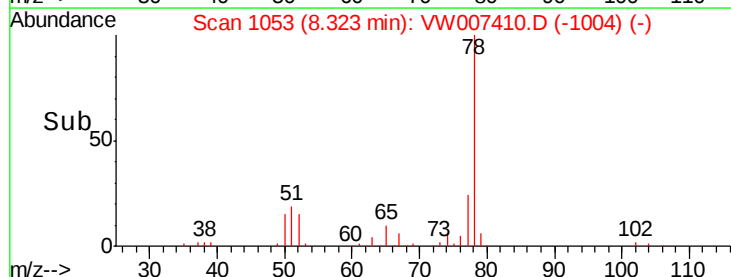
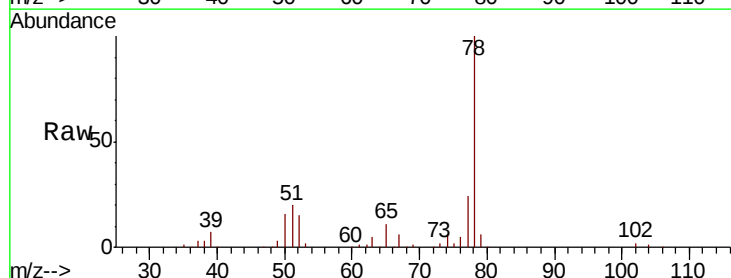
Manual Integrations
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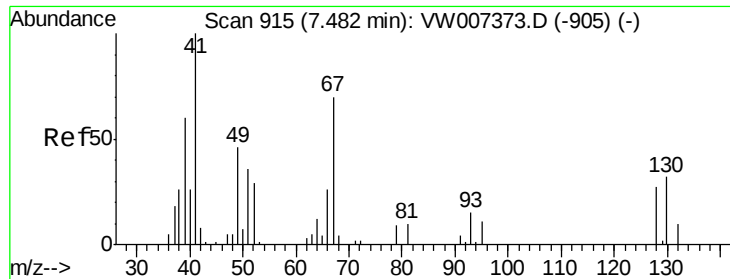
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#40
Benzene
Concen: 52.107 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





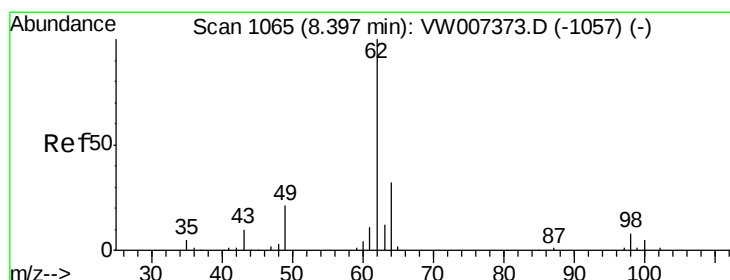
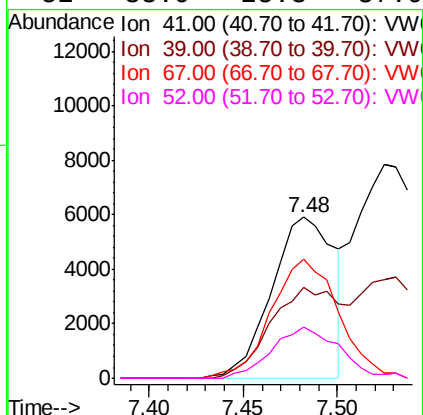
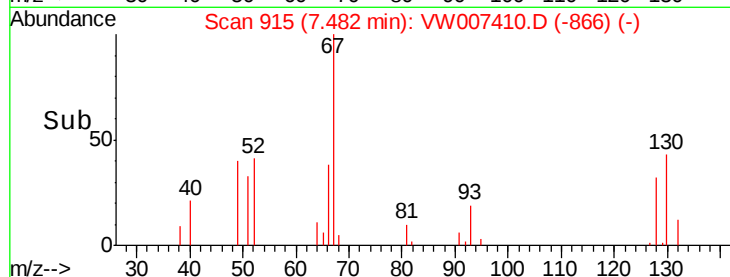
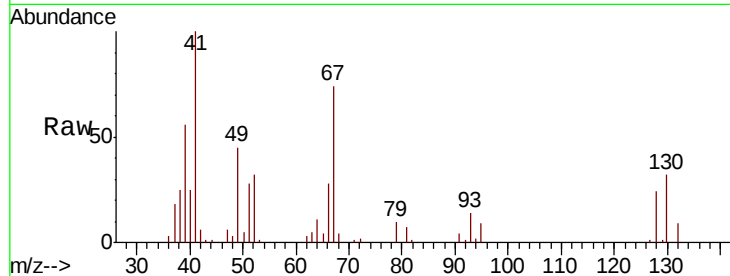
#41
Methacrylonitrile
Concen: 51.468 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	13675
Ion	Ratio	Lower	Upper
41	100		
39	65.8	52.2	78.2
67	79.4	60.5	90.7
52	33.9	25.3	37.9

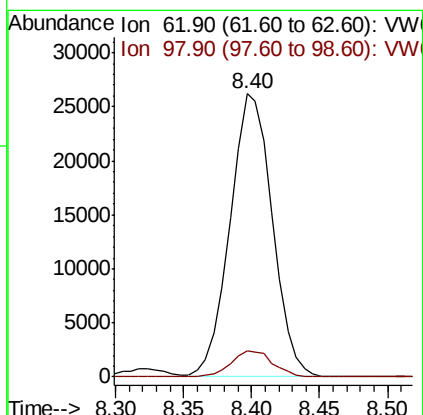
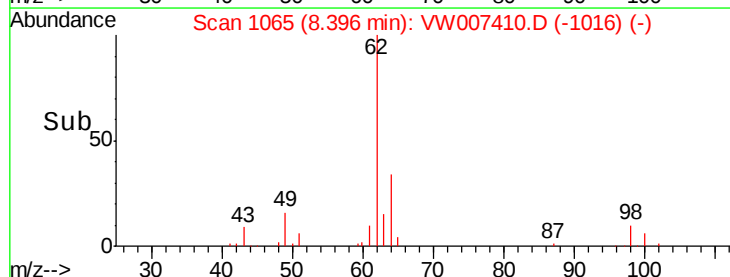
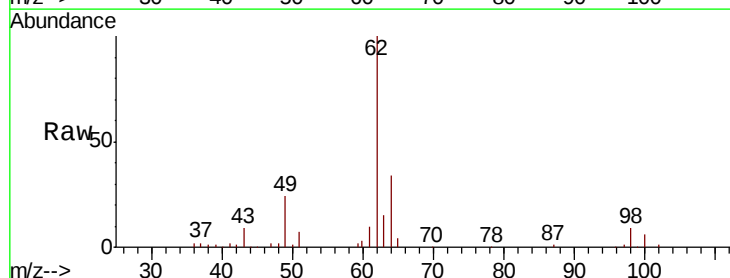
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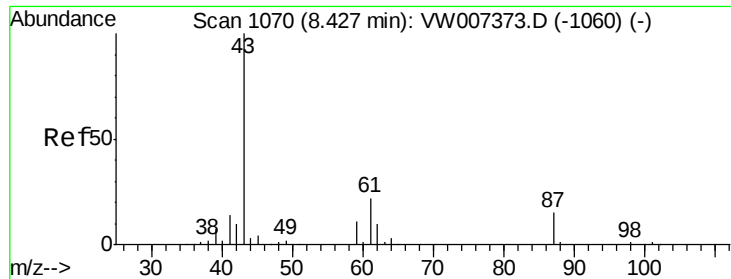
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.931 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:	62	Resp:	56792
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





#43

Isopropyl Acetate

Concen: 51.369 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

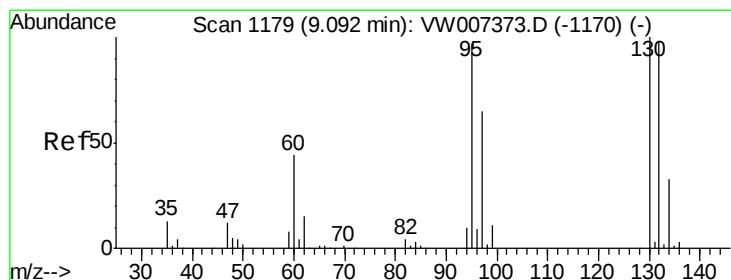
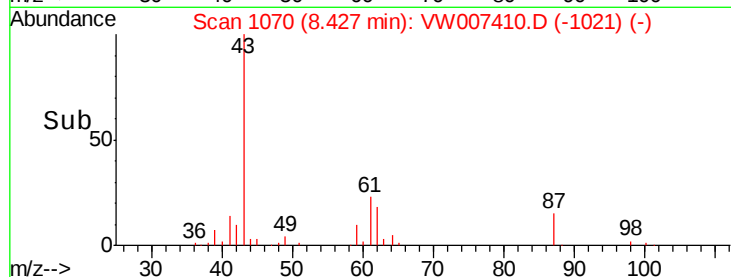
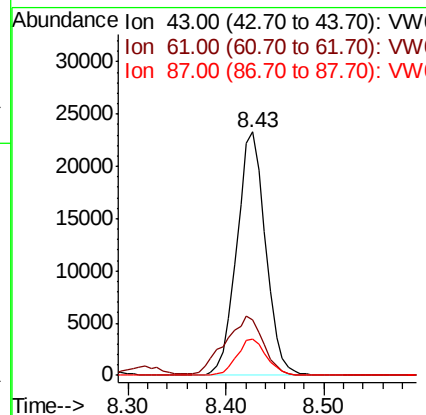
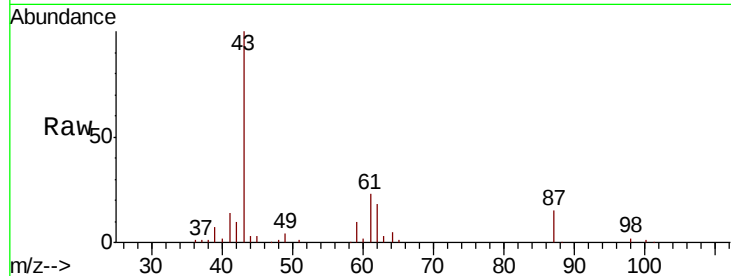
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	47344
Ion	Ratio	Lower	Upper
43	100		
61	32.3	25.3	37.9
87	15.0	11.8	17.8

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#44

Trichloroethene

Concen: 52.385 ug/l

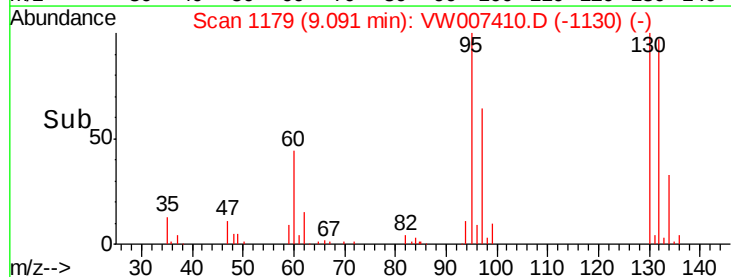
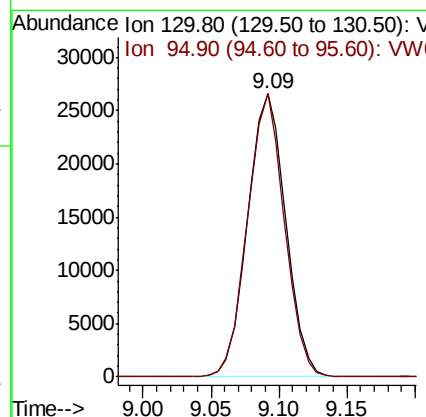
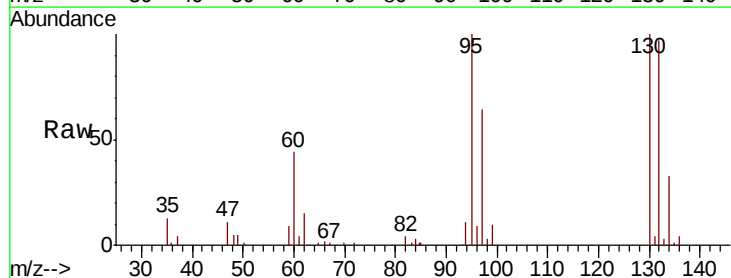
RT: 9.09 min Scan# 1179

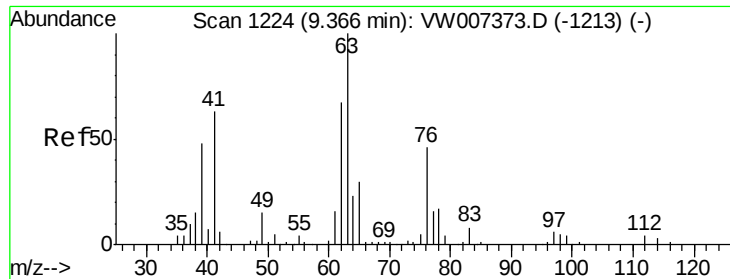
Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion:	130	Resp:	52078
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	193.2





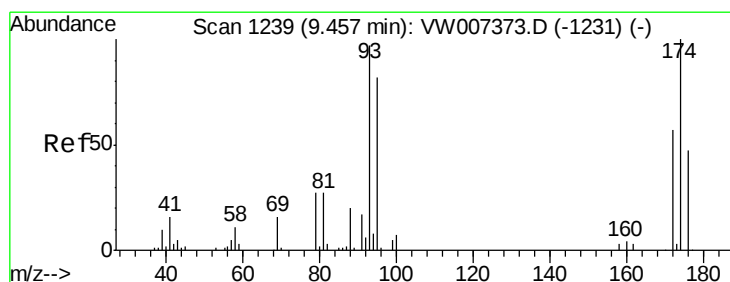
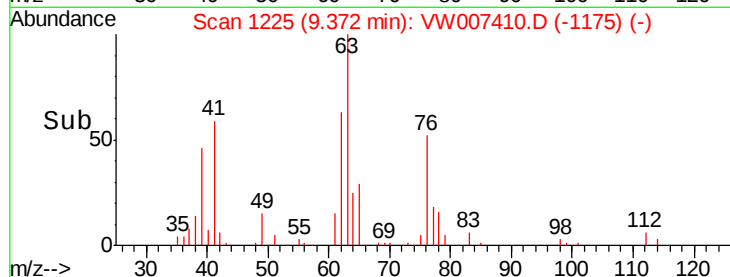
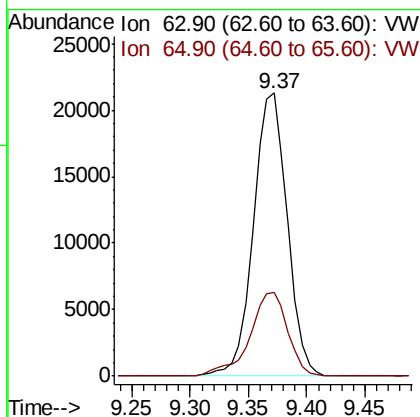
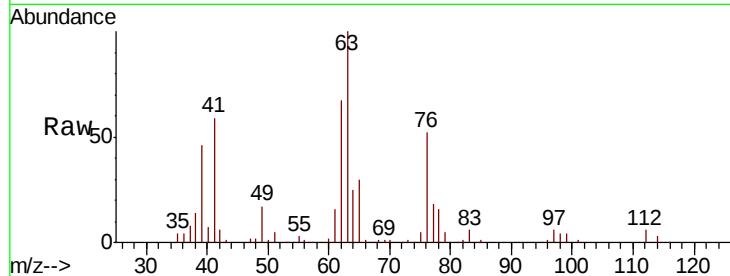
#45
 1,2-Dichloropropane
 Concen: 53.531 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 43126
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6

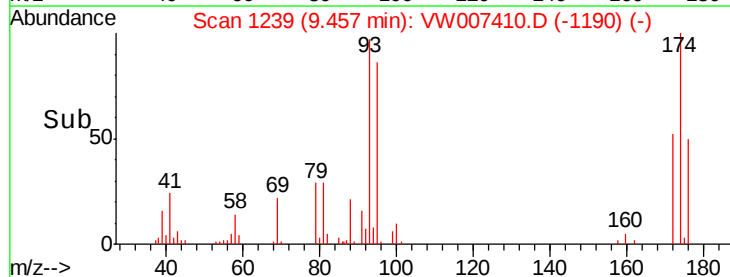
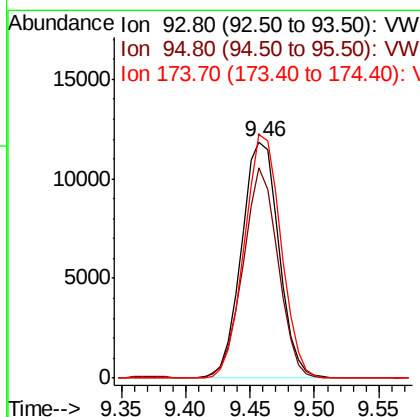
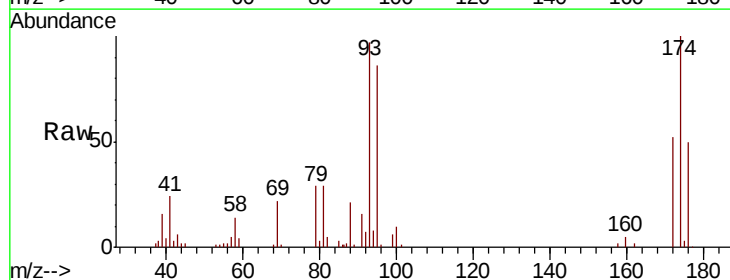
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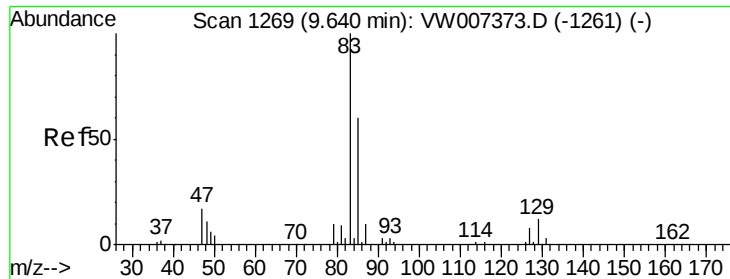
MMDadoda
 12/12/2018 2:42:17 PM



#46
 Dibromomethane
 Concen: 51.811 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 93 Resp: 23704
 Ion Ratio Lower Upper
 93 100
 95 83.3 68.0 102.0
 174 101.3 83.2 124.8





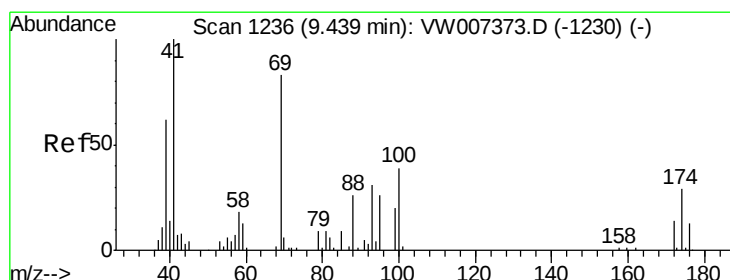
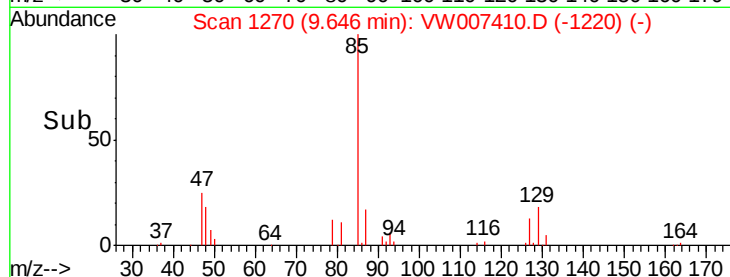
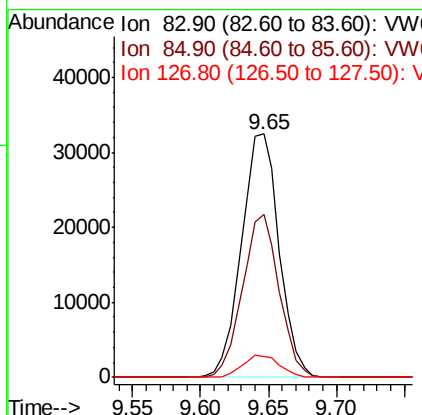
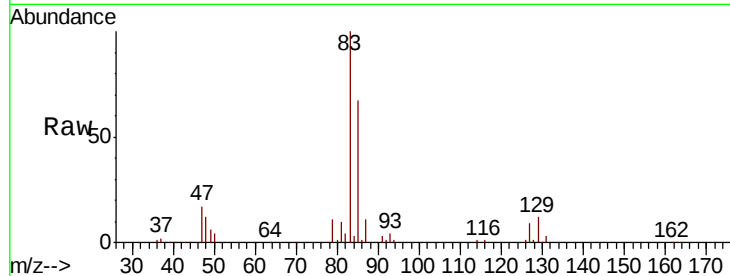
#47
Bromodichloromethane
Concen: 52.413 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	62898		
85	66.8		47.6	71.4
127	8.7		6.7	10.1

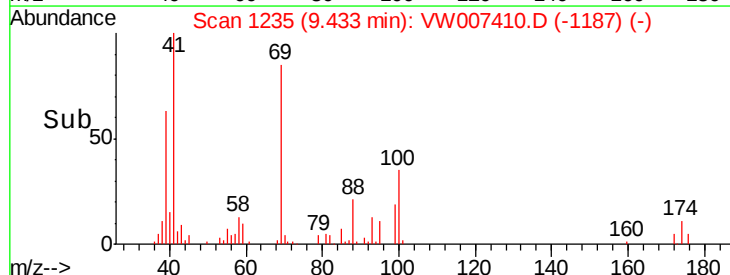
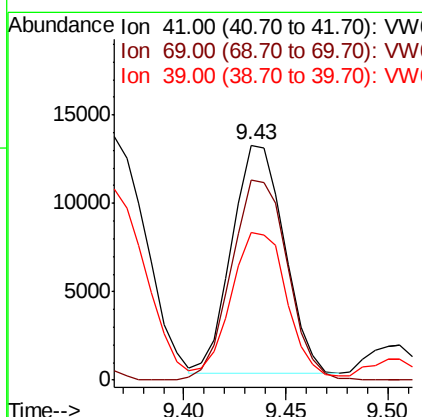
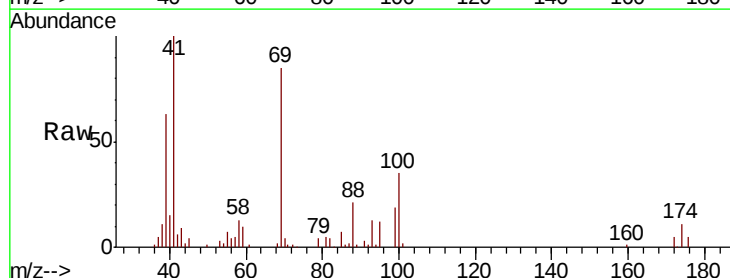
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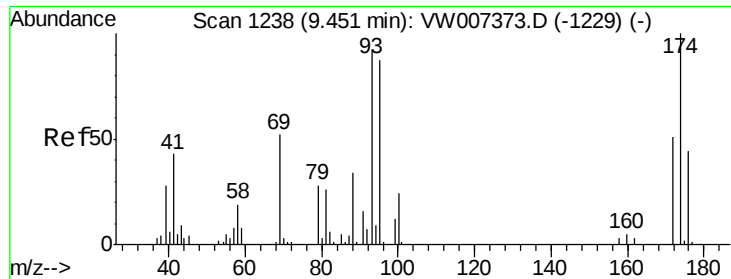
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#48
Methyl methacrylate
Concen: 48.804 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	23101		
69	93.9		69.8	104.8
39	69.8		50.9	76.3





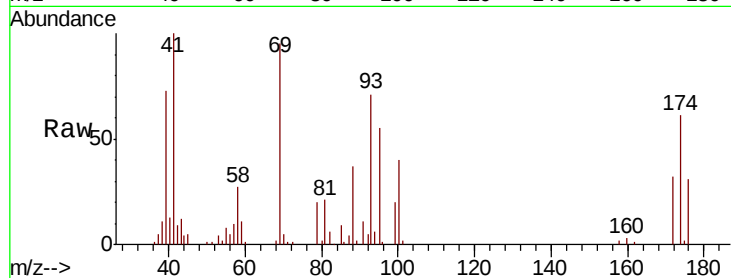
#49
1,4-Dioxane
Concen: 1065.424 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

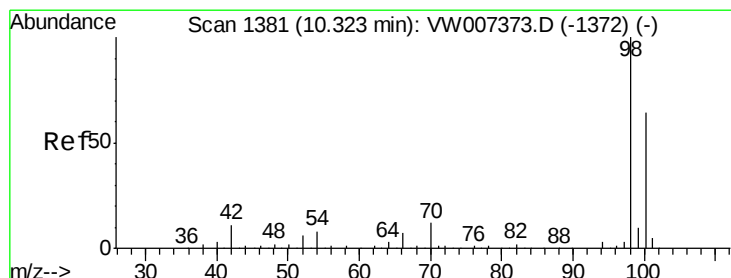
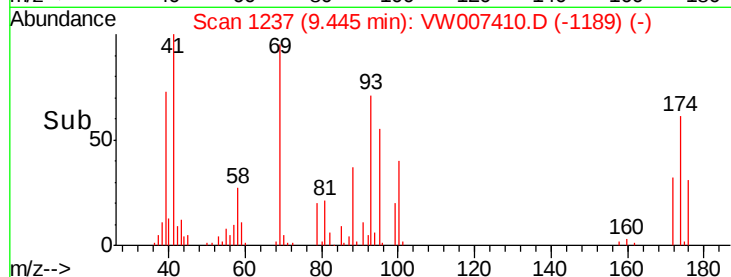
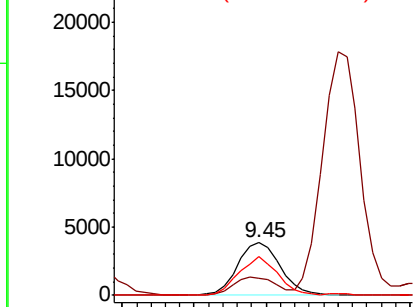
Tot Ion	88	Resp	7909
Ion	Ratio	Lower	Upper
88	100		
43	36.4	25.0	37.4
58	67.4	51.4	77.2

Manual Integrations
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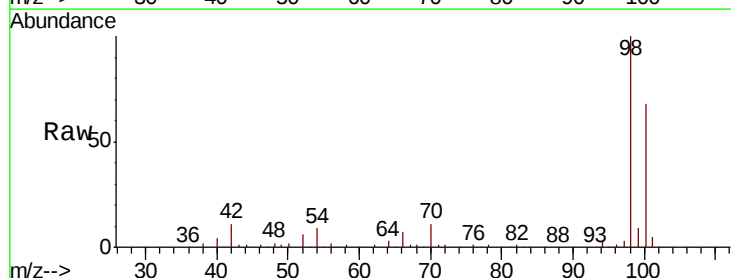


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

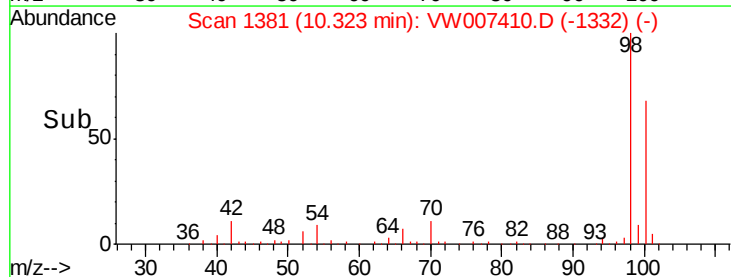
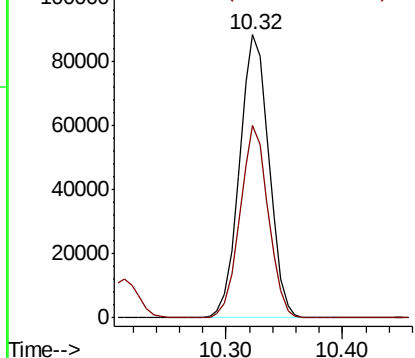


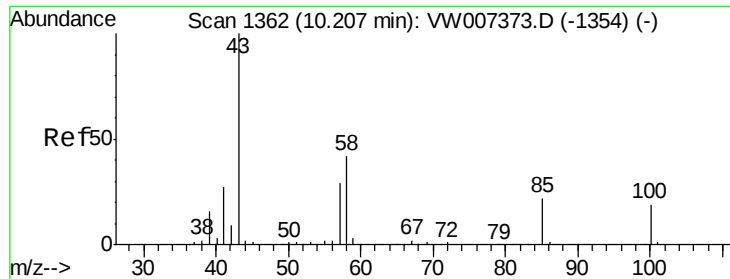
#50
Toluene-d8
Concen: 49.750 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	98	Resp	155279
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 264.913 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 115363

Ion Ratio Lower Upper

43 100

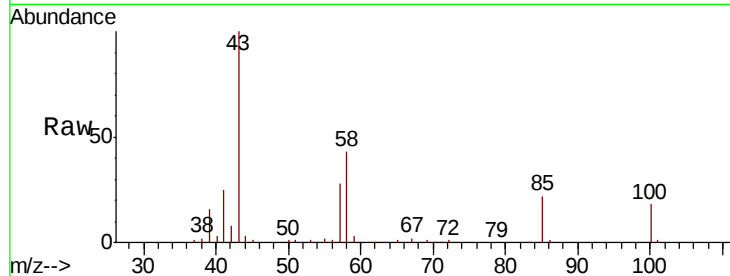
58 41.4 33.1 49.7

Manual Integrations

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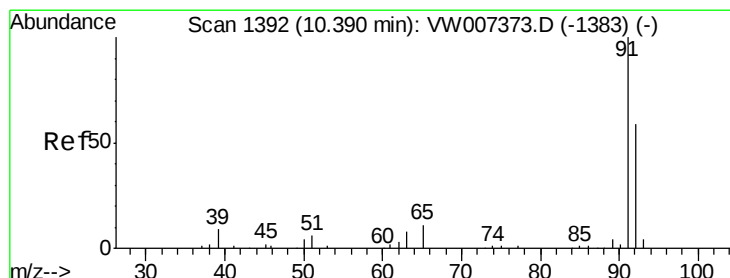
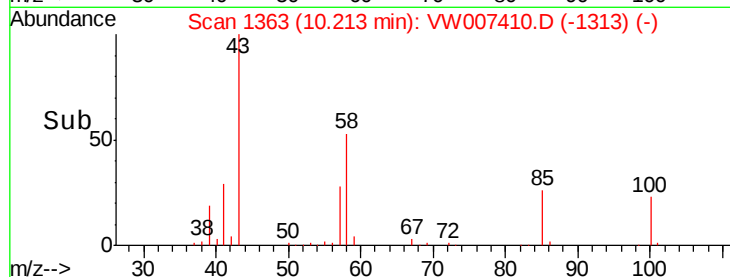
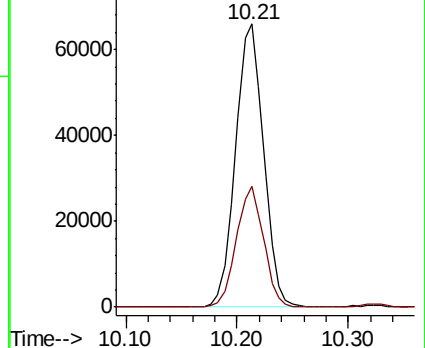
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 53.268 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007410.D

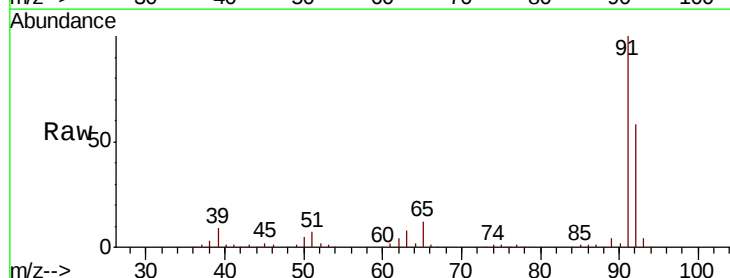
Acq: 11 Dec 2018 23:11

Tgt Ion: 92 Resp: 120010

Ion Ratio Lower Upper

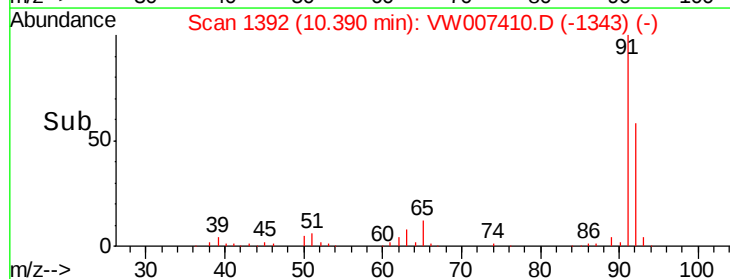
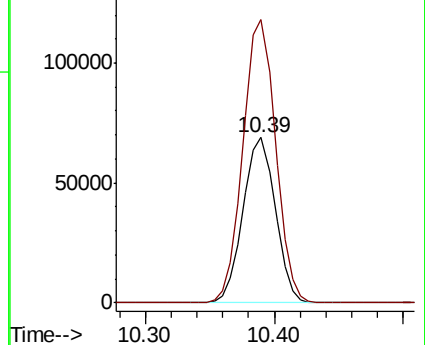
92 100

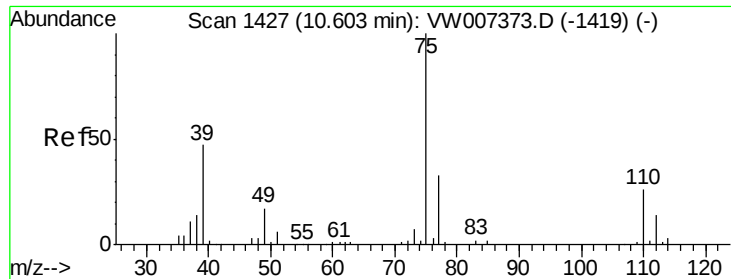
91 172.1 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





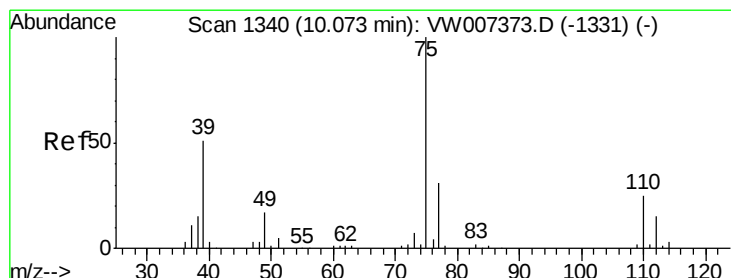
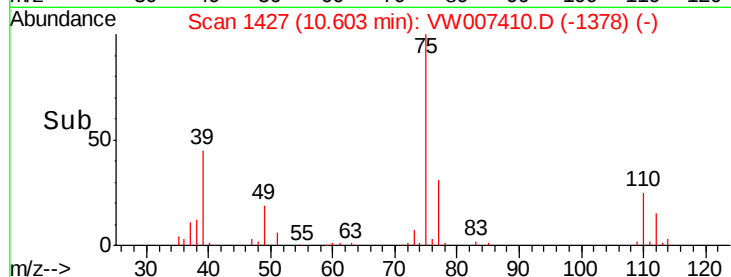
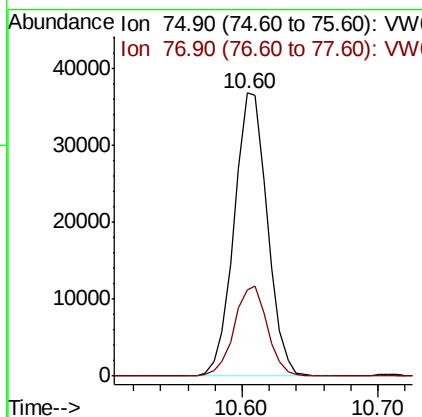
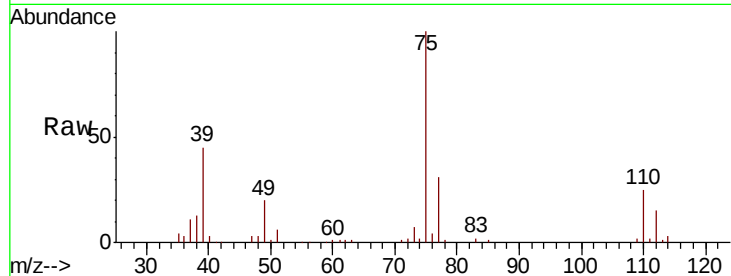
#53
 t-1,3-Dichloropropene
 Concen: 53.918 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 62816
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.2 39.4

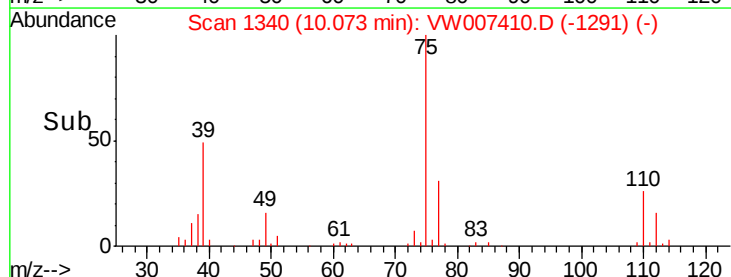
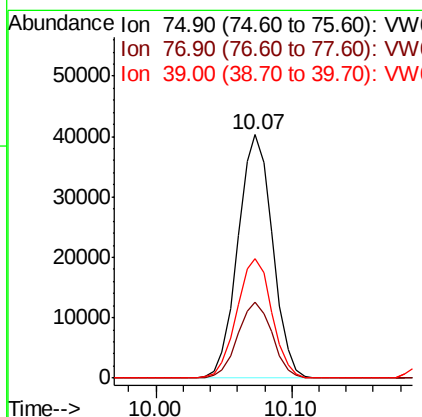
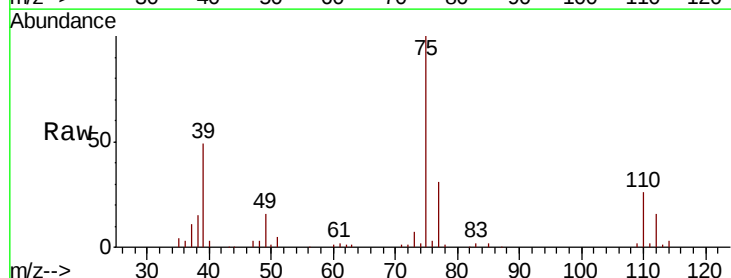
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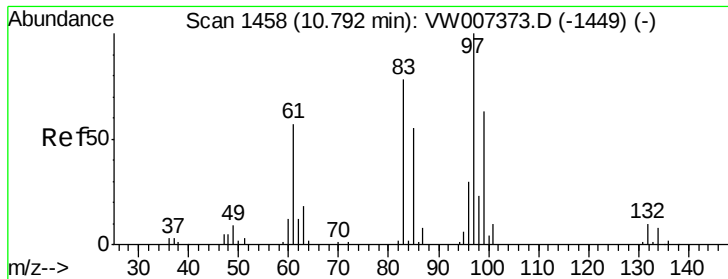
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#54
 cis-1,3-Dichloropropene
 Concen: 53.140 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 75 Resp: 71569
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 49.2 40.9 61.3





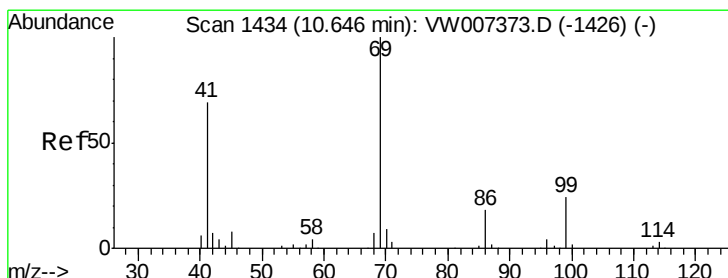
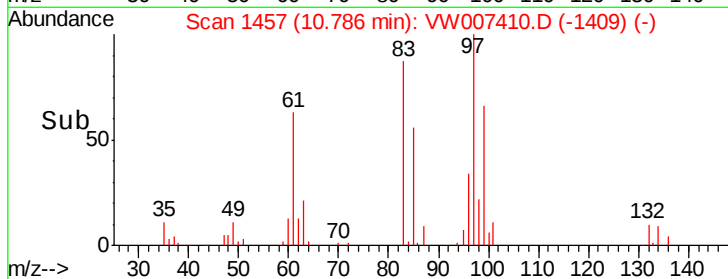
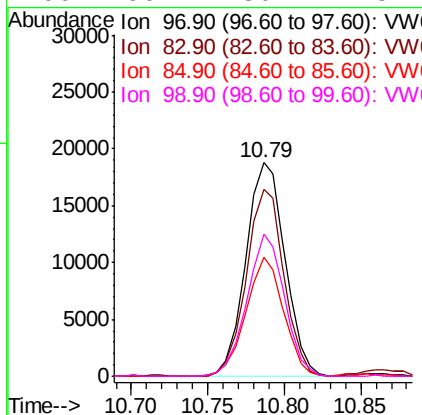
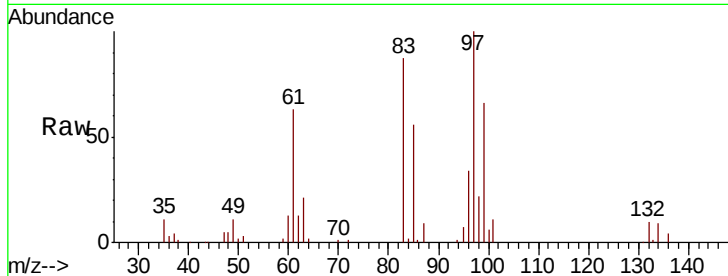
#55
 1,1,2-Trichloroethane
 Concen: 53.658 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	33411
Ion Ratio	Lower	Upper	
97	100		
83	87.4	62.1	93.1
85	55.5	44.2	66.4
99	66.4	50.2	75.4

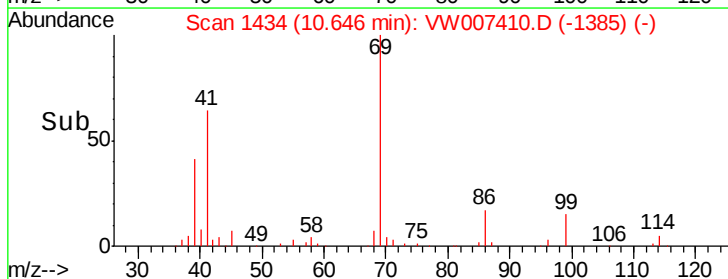
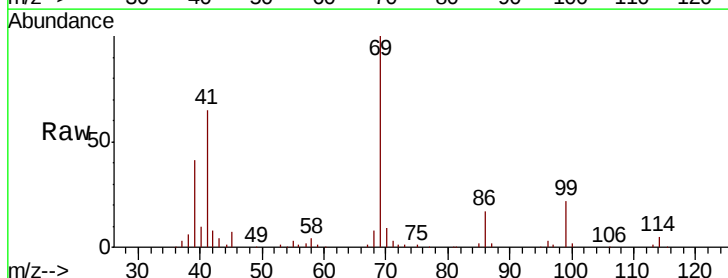
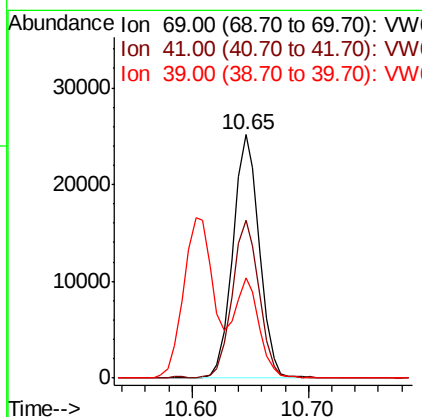
Manual Integrations
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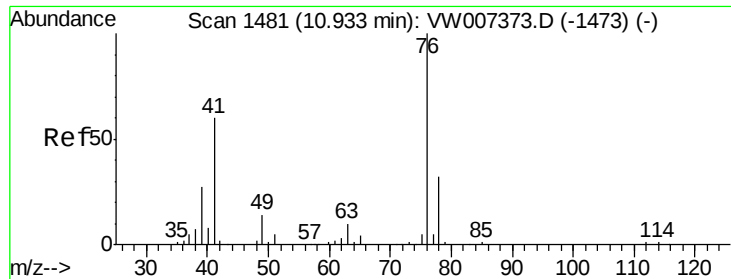
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#56
 Ethyl methacrylate
 Concen: 53.014 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	69	Resp	39677
Ion Ratio	Lower	Upper	
69	100		
41	66.0	51.0	76.6
39	38.4	30.8	46.2





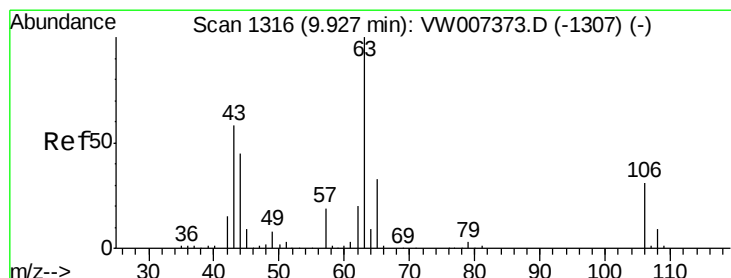
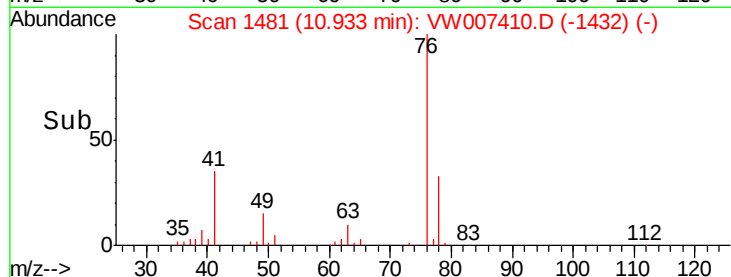
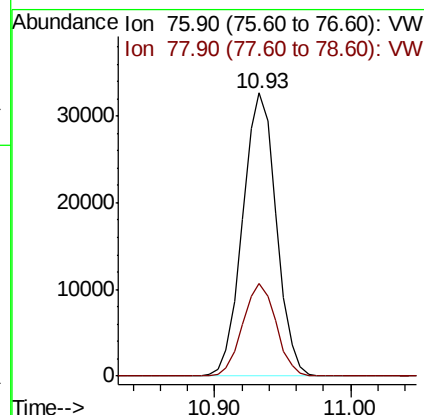
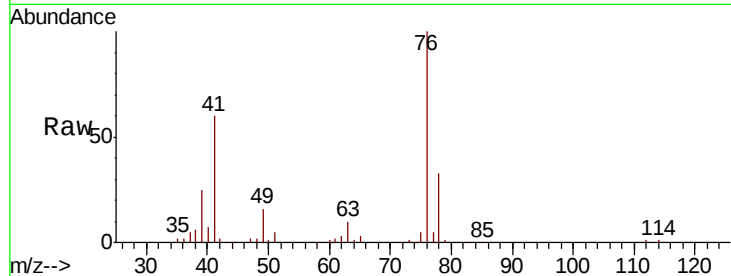
#57
 1,3-Dichloropropane
 Concen: 55.234 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 56450
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4

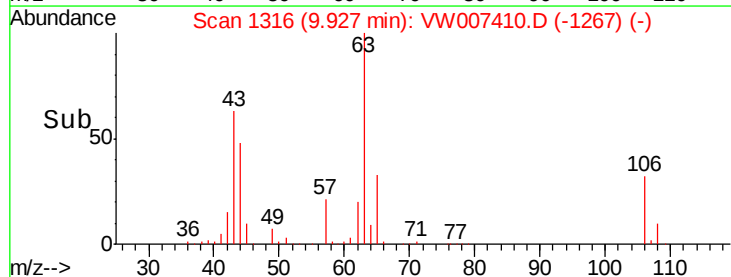
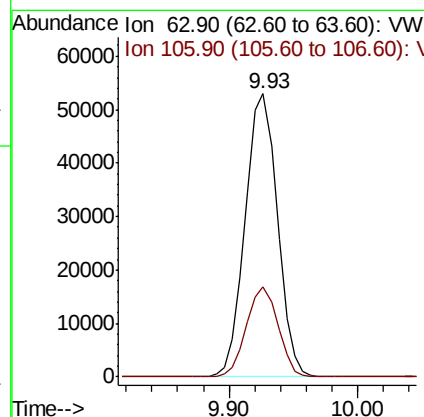
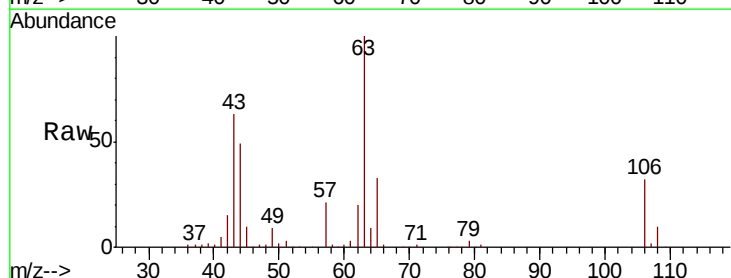
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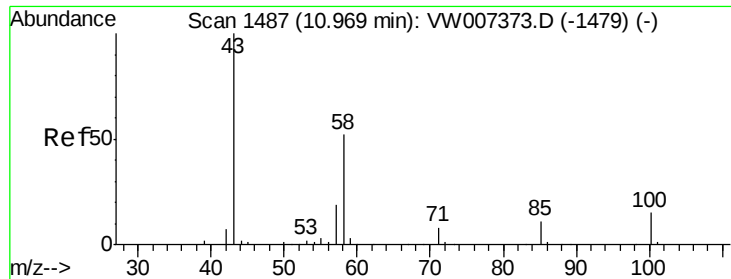
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 265.435 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 63 Resp: 91610
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.0 37.6





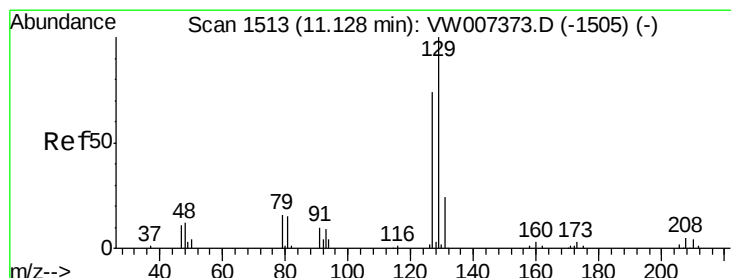
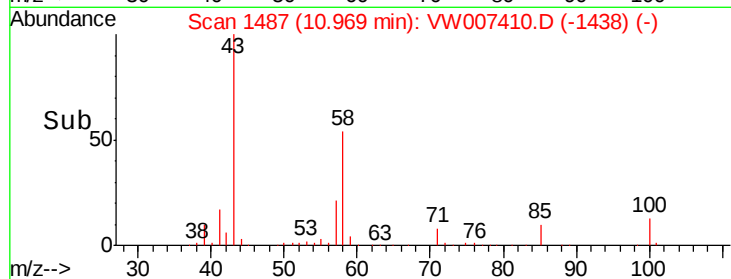
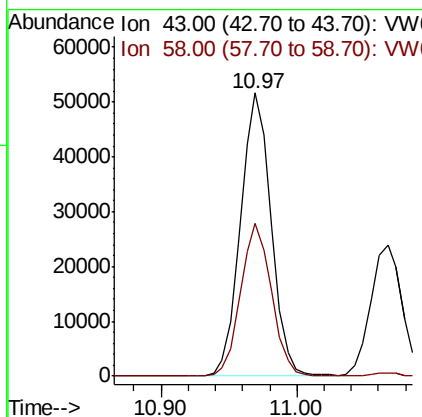
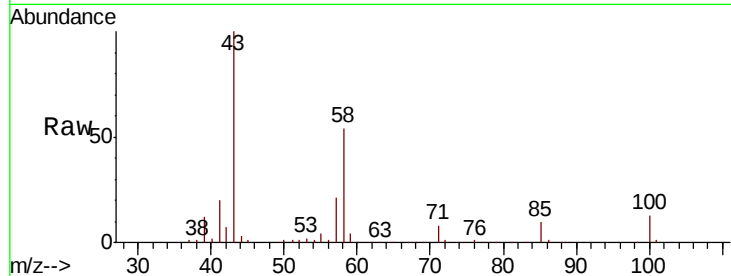
#59
2-Hexanone
Concen: 279.404 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 81132
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3

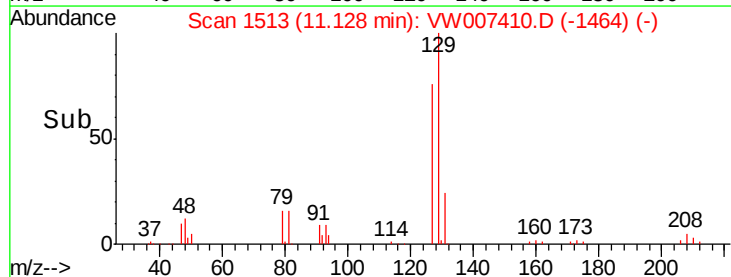
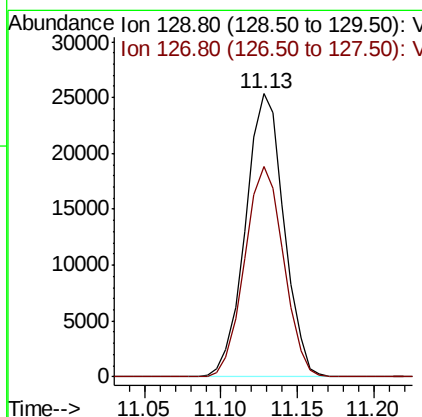
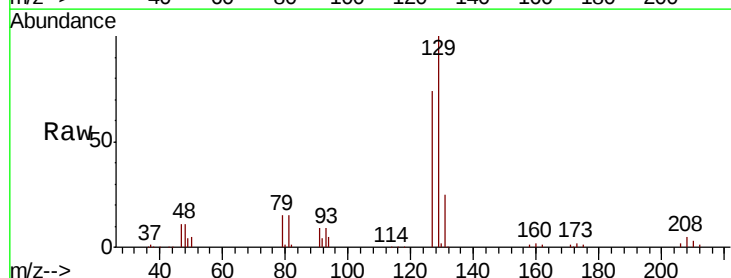
Manual Integrations
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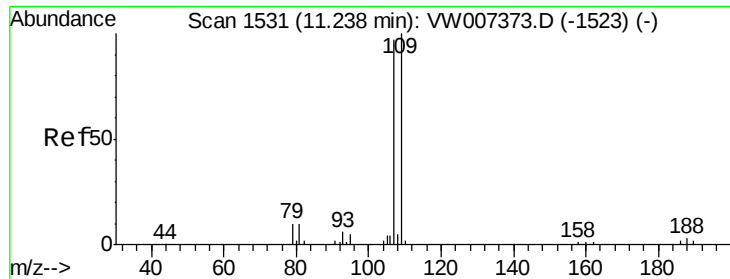
MMDadoda
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#60
Dibromochloromethane
Concen: 56.376 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 129 Resp: 44300
Ion Ratio Lower Upper
129 100
127 75.1 38.1 114.3





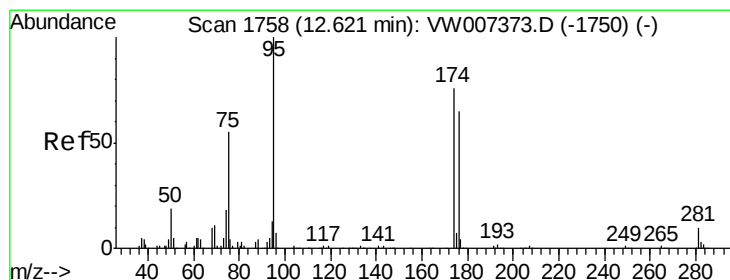
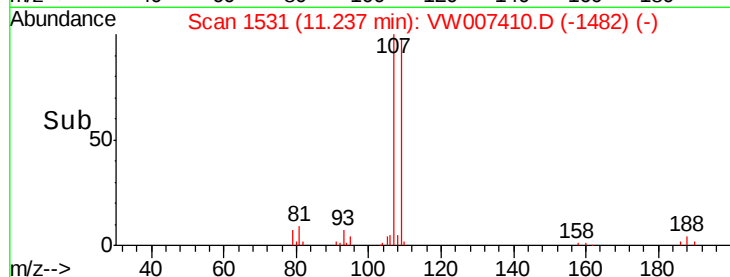
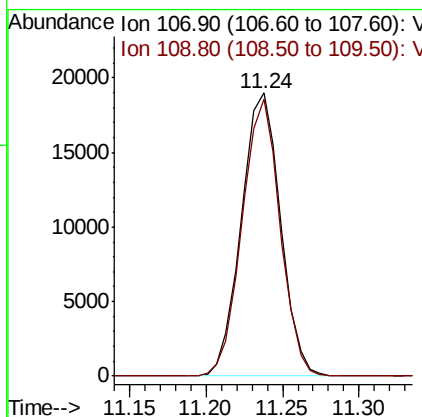
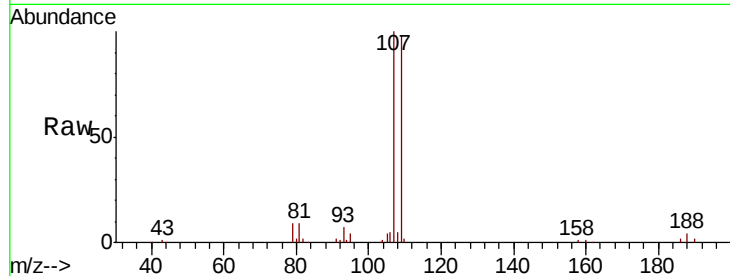
#61
 1,2-Dibromoethane
 Concen: 54.871 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 33764
 Ion Ratio Lower Upper
 107 100
 109 94.8 79.1 118.7

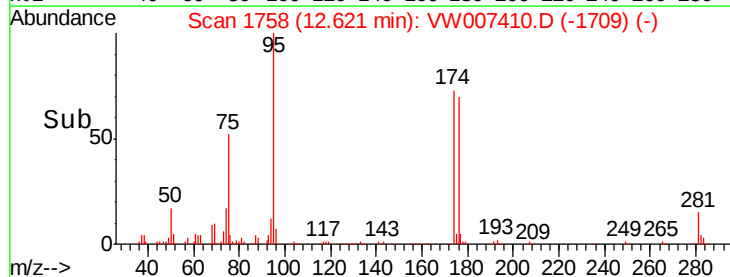
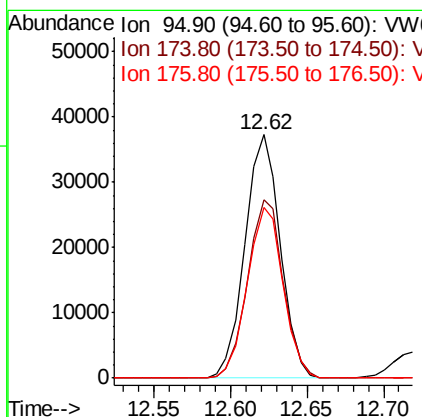
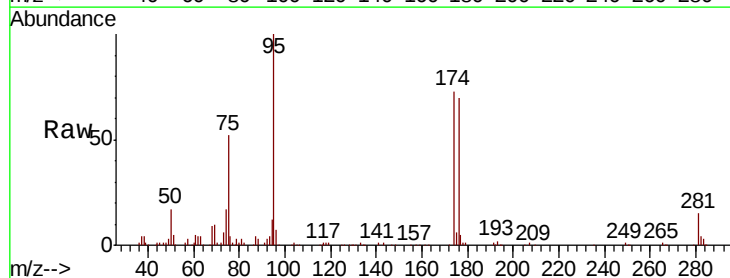
Manual Integrations
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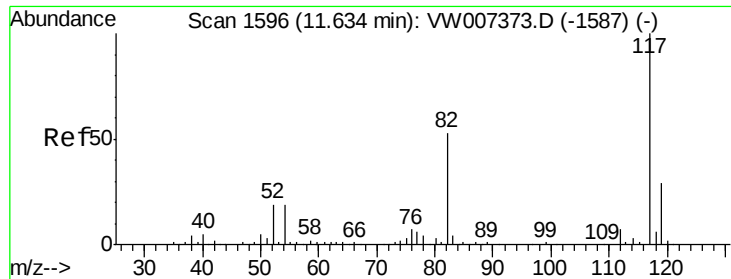
MMDadoda
 12/12/2018 2:42:17 PM



#62
 4-Bromofluorobenzene
 Concen: 51.980 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 95 Resp: 59651
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 147.2
 176 71.3 0.0 138.8





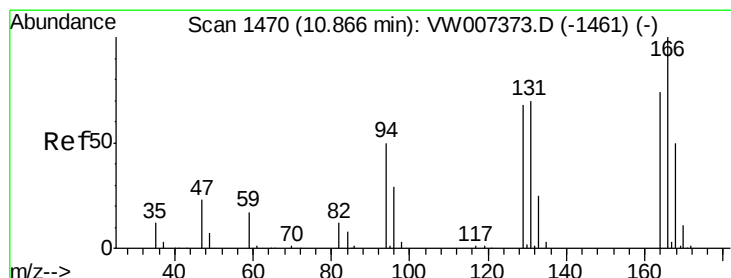
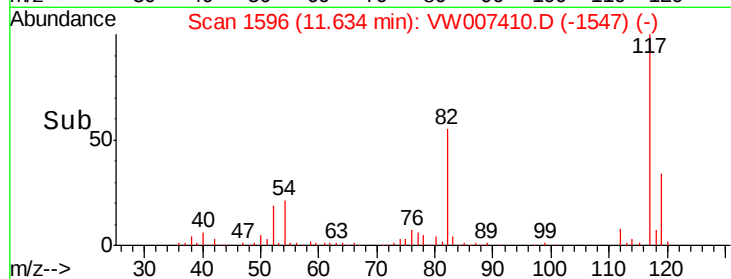
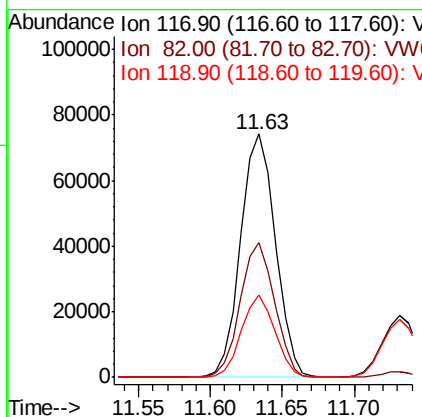
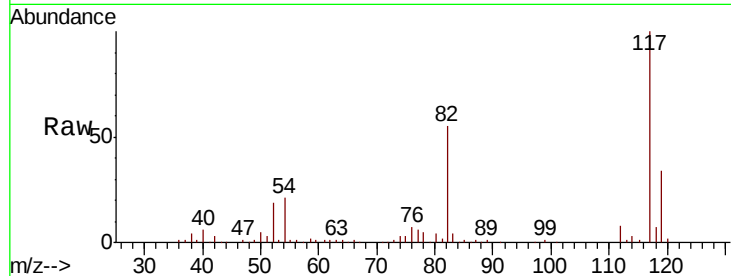
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.3	63.5
119	33.9	23.0	34.6

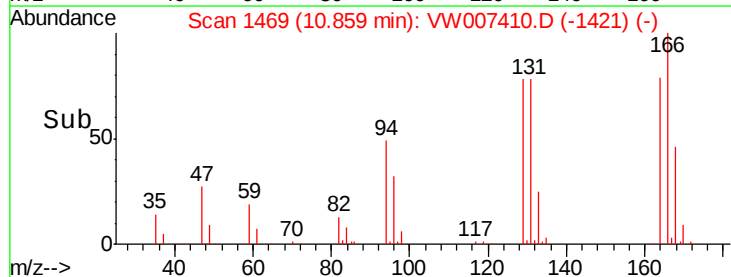
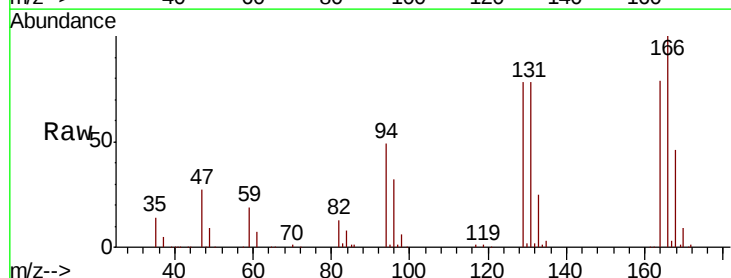
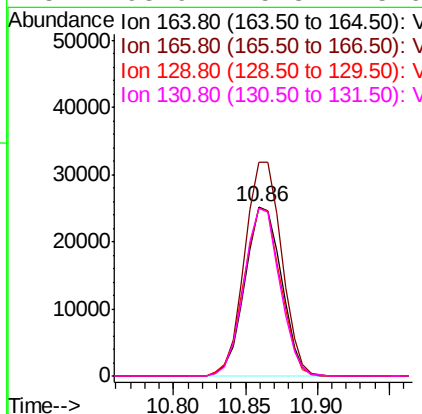
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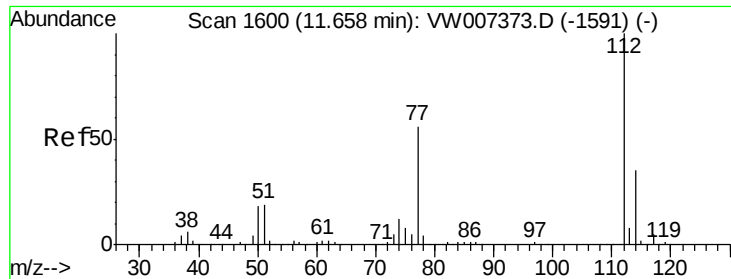
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#64
Tetrachloroethene
Concen: 49.596 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	107.9	161.9
129	98.8	73.4	110.2
131	98.9	75.8	113.6





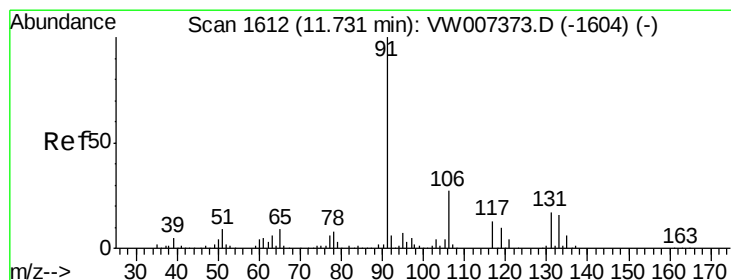
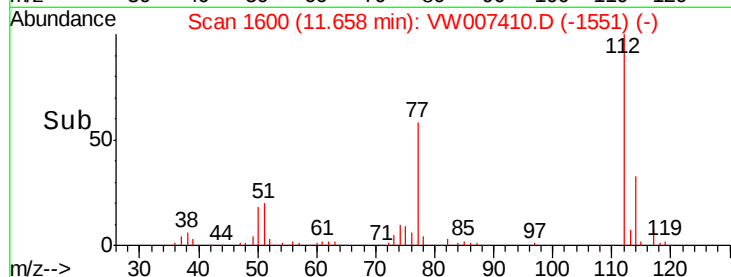
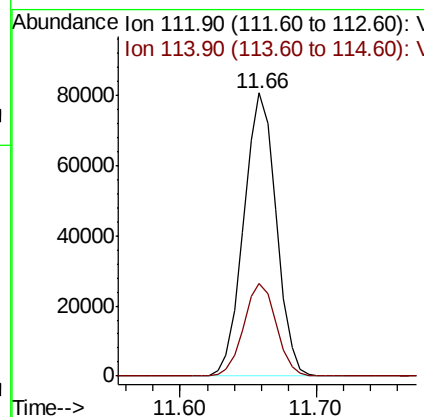
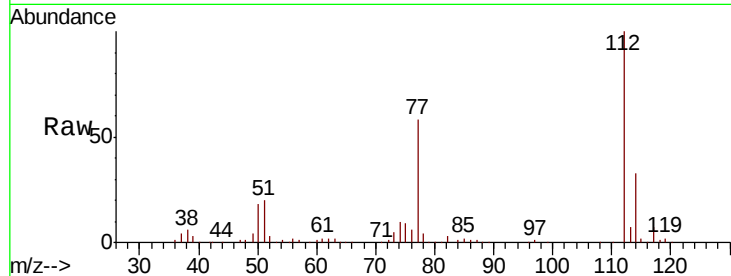
#65
Chlorobenzene
Concen: 51.992 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 134777
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8

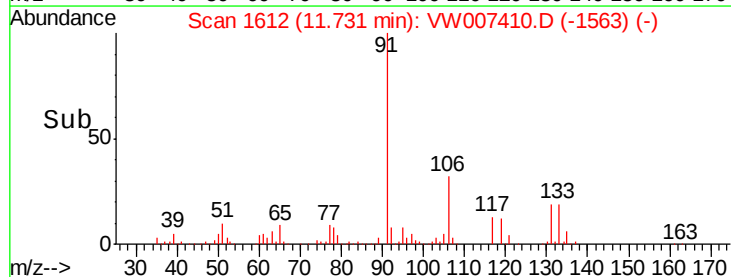
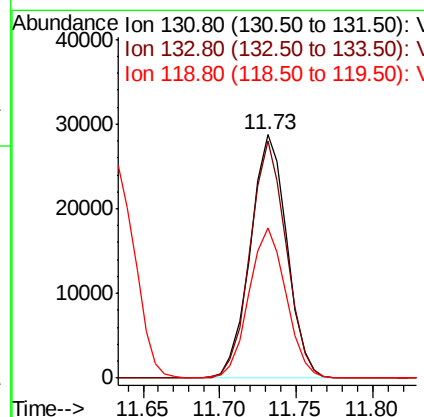
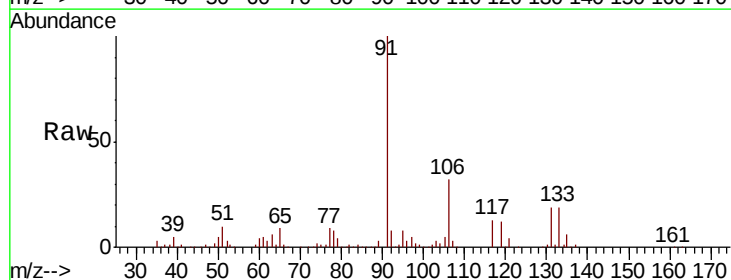
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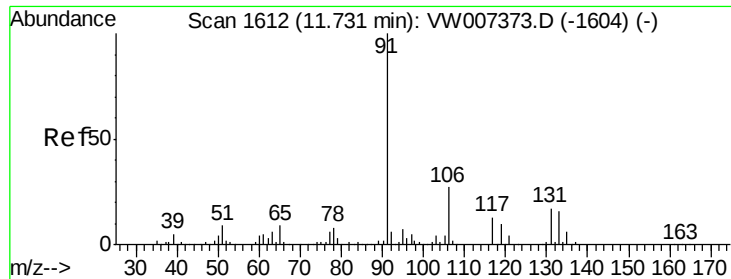
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.394 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:131 Resp: 47836
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 62.4 31.3 93.9





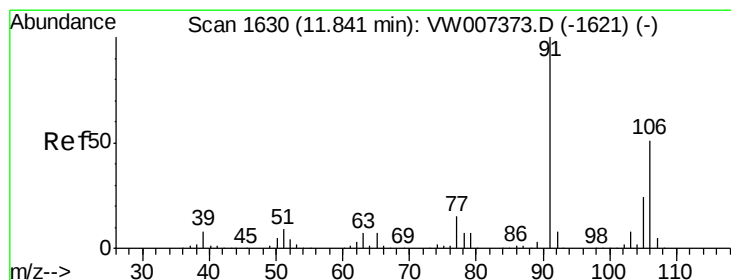
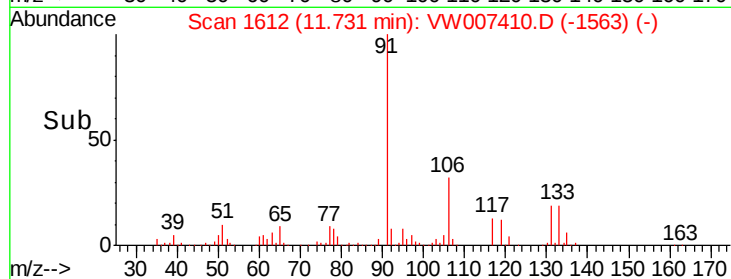
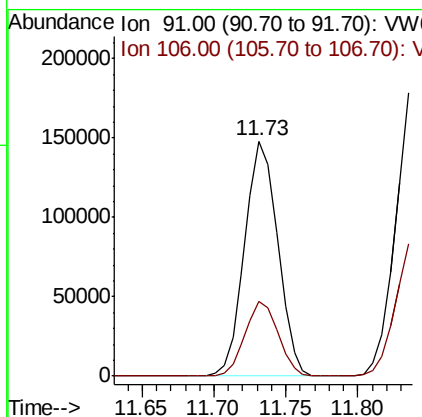
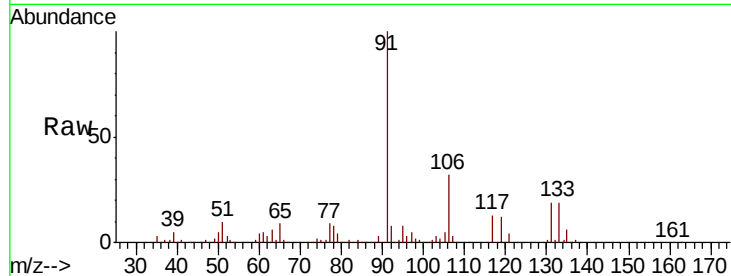
#67
Ethyl Benzene
Concen: 53.151 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 236885
Ion Ratio Lower Upper
91 100
106 31.8 21.8 32.8

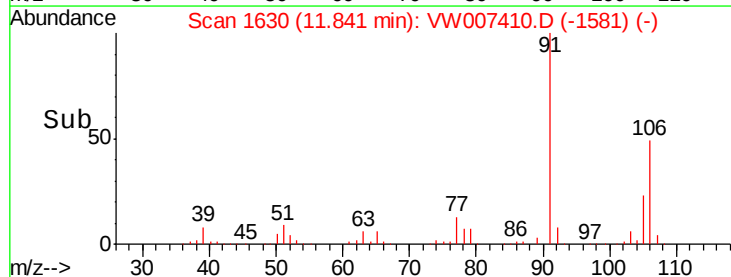
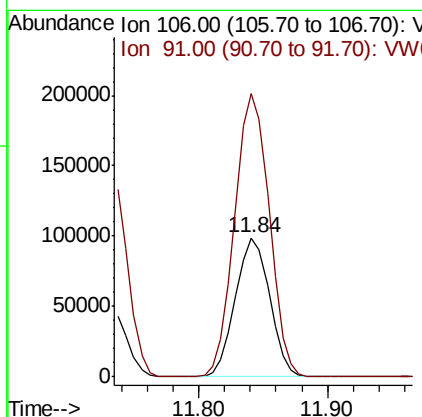
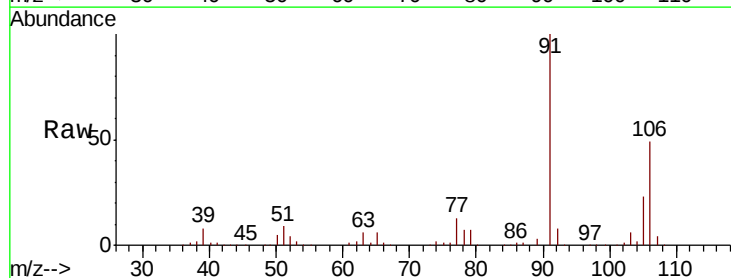
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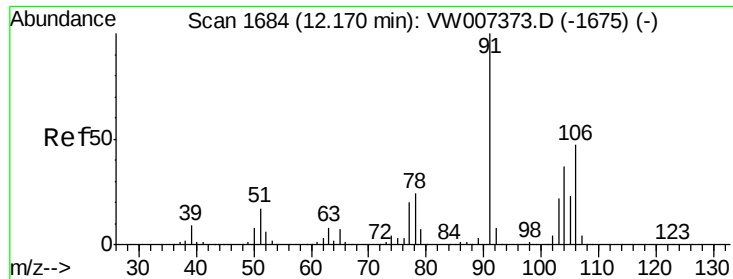
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#68
m/p-Xylenes
Concen: 105.742 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:106 Resp: 183212
Ion Ratio Lower Upper
106 100
91 205.4 165.3 247.9





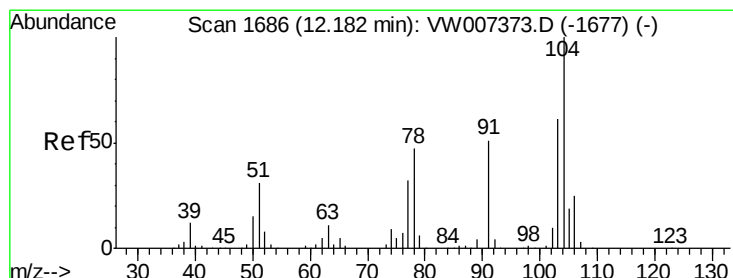
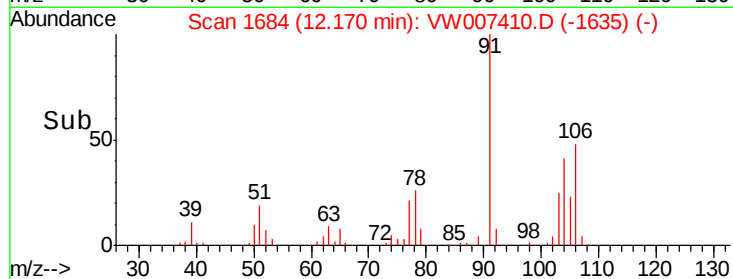
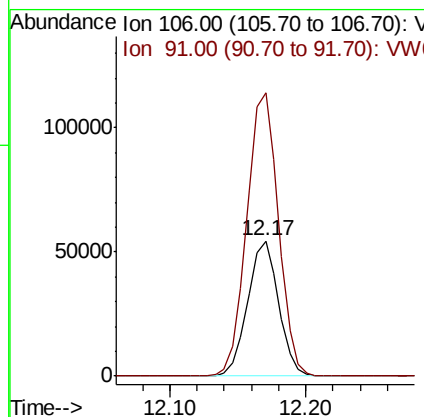
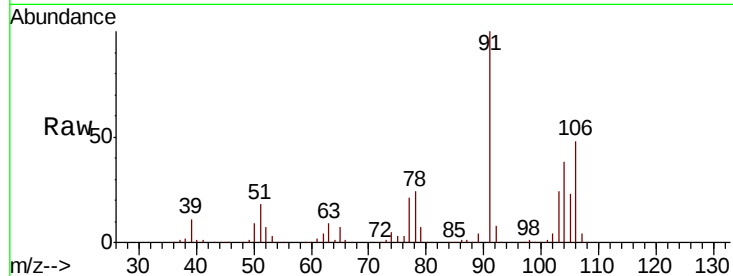
#69
o-Xylene
Concen: 53.491 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 86557
Ion Ratio Lower Upper
106 100
91 214.9 106.6 319.8

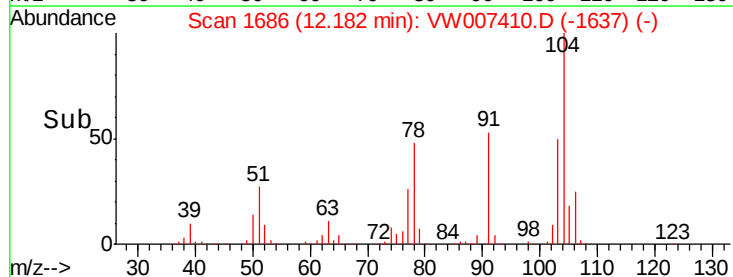
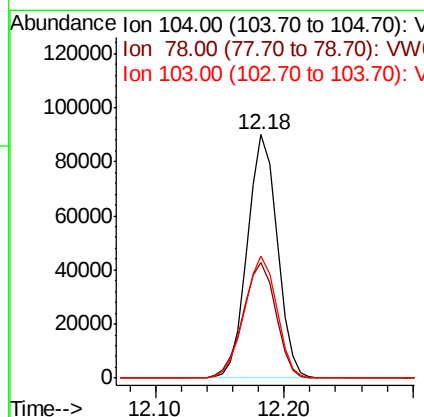
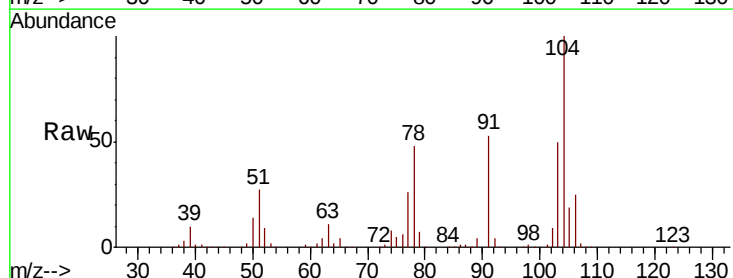
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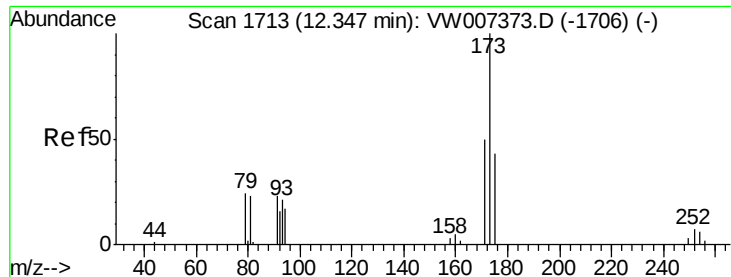
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#70
Styrene
Concen: 55.011 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:104 Resp: 143781
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 54.5 46.6 69.8





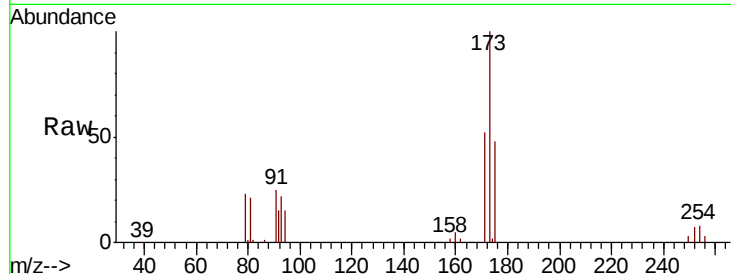
#71
Bromoform
Concen: 51.096 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

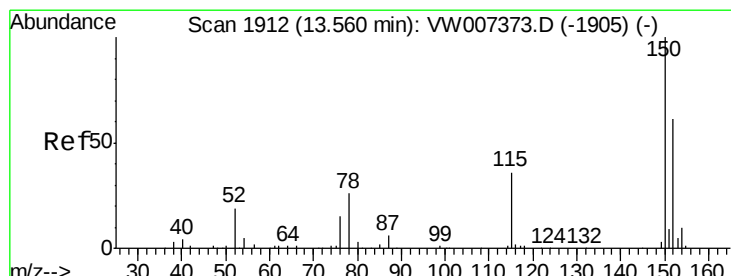
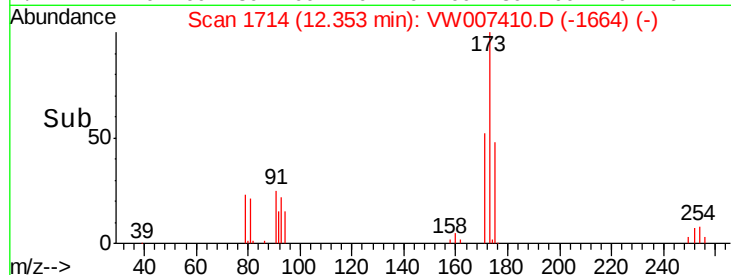
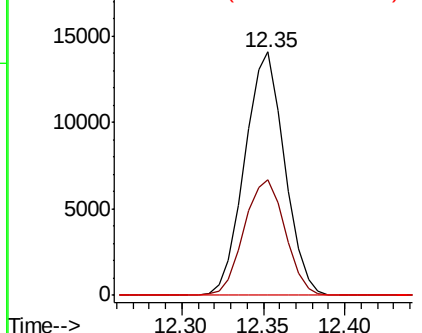
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.6	70.8
254	0.0	0.0	0.0

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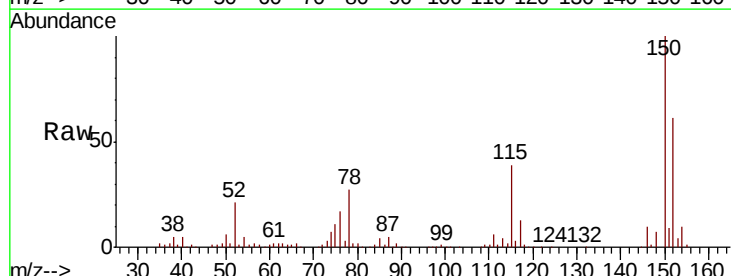


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

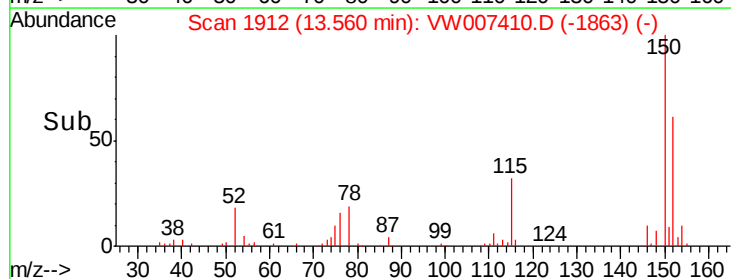
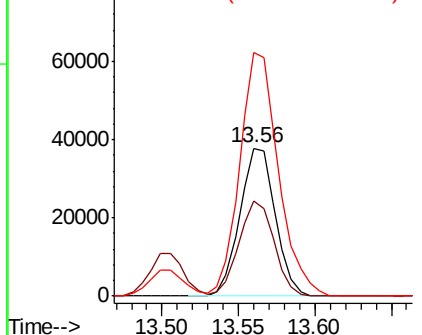


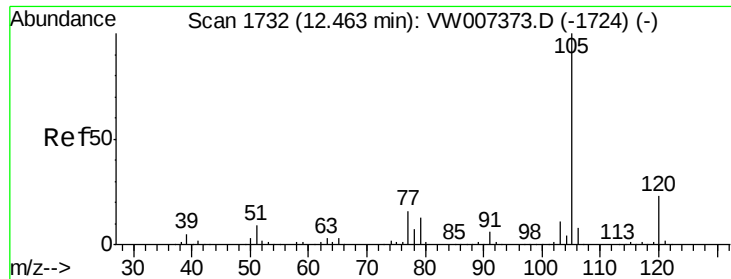
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.4	94.2
150	178.5	0.0	358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.532 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 241053

Ion Ratio Lower Upper

105 100

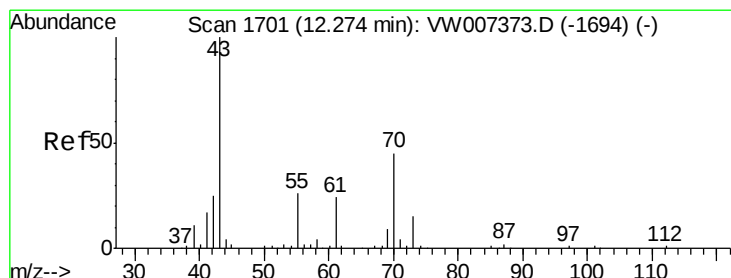
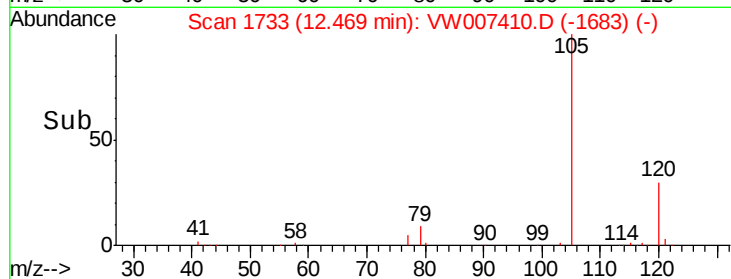
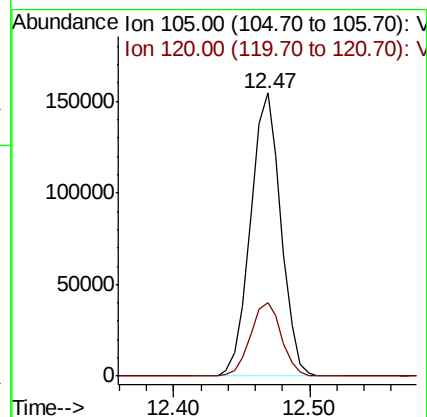
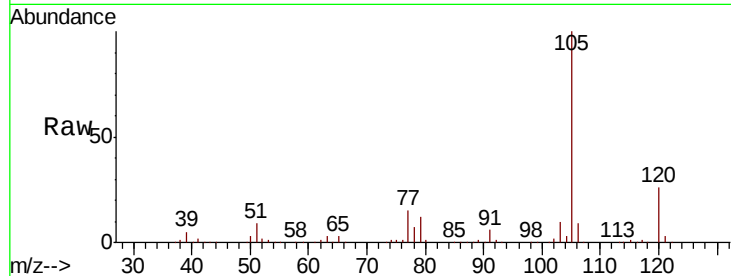
120 26.5 12.8 38.4

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12/12/2018 2:42:17 PM



#74

N-ethyl acetate

Concen: 52.421 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion: 43 Resp: 44565

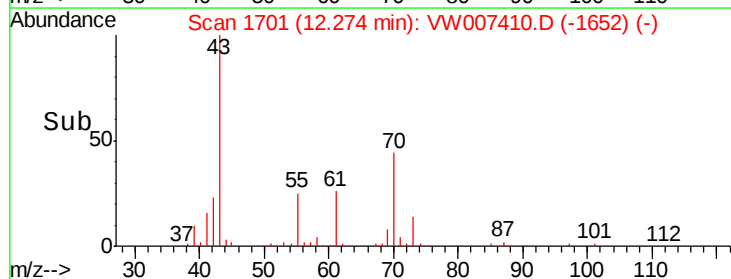
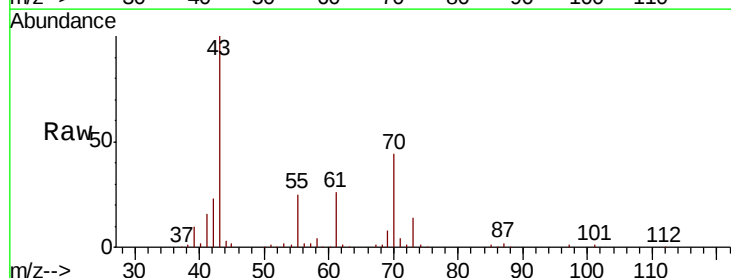
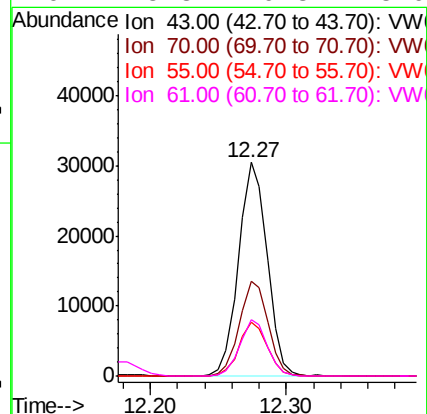
Ion Ratio Lower Upper

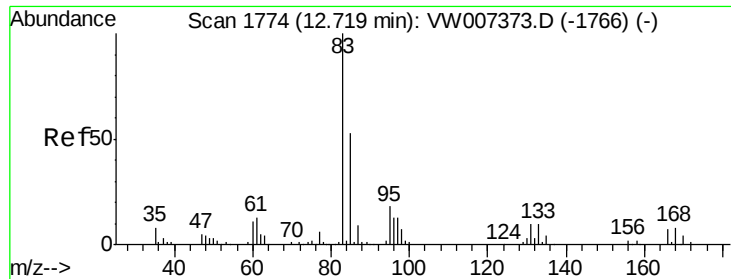
43 100

70 44.6 36.5 54.7

55 24.9 20.1 30.1

61 25.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.365 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

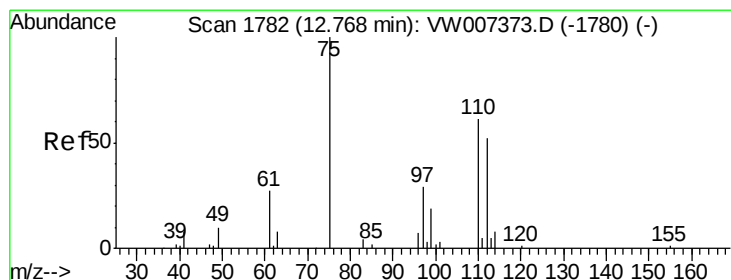
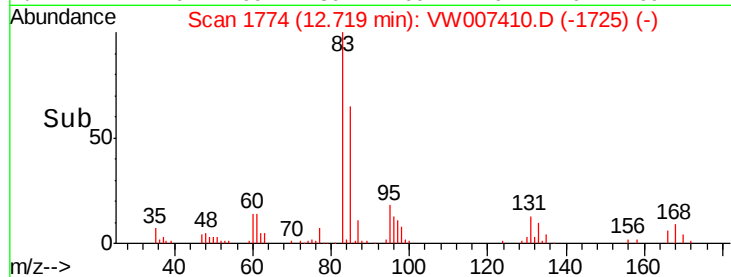
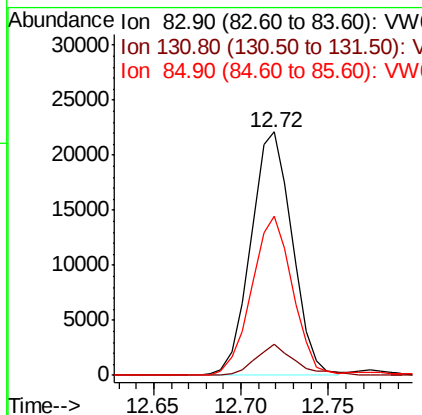
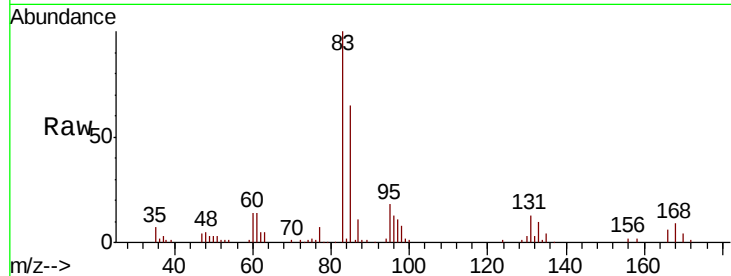
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	36280
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.9	17.8
85	64.8	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 46.728 ug/l m

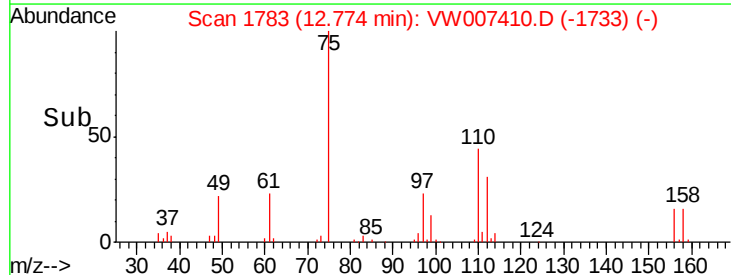
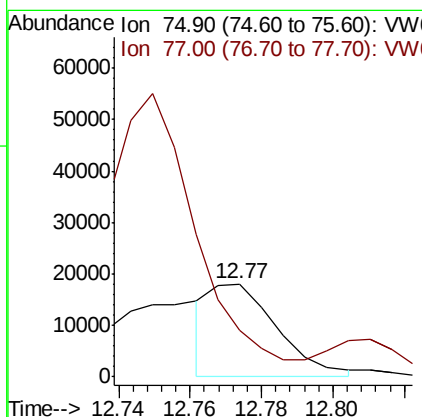
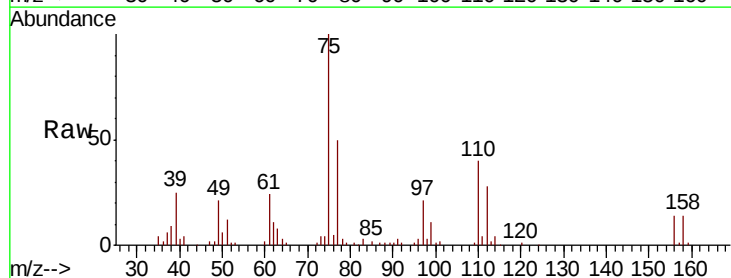
RT: 12.77 min Scan# 1783

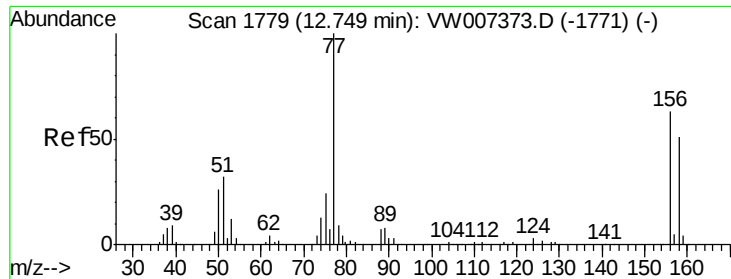
Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion:	75	Resp:	23521
Ion	Ratio	Lower	Upper
75	100		
77	0.0	166.9	500.8#





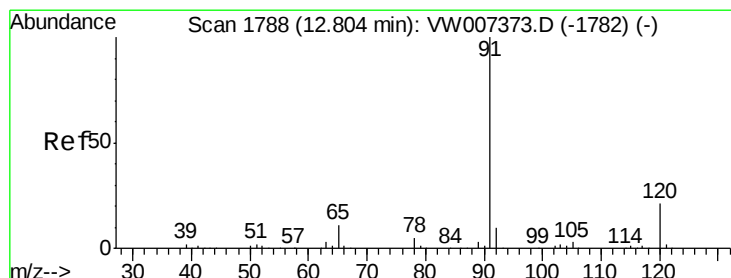
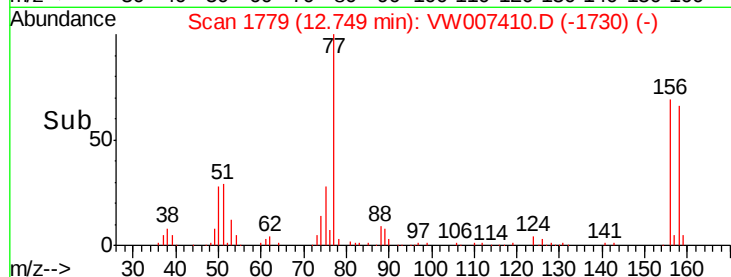
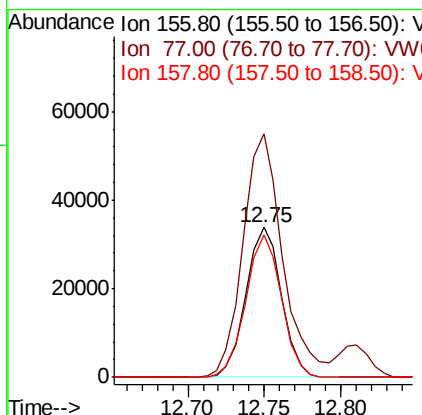
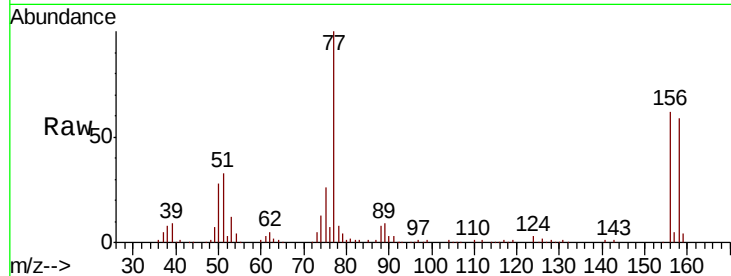
#77
Bromobenzene
Concen: 52.635 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	182.0	88.1	264.4	
158	95.3	45.6	136.7	

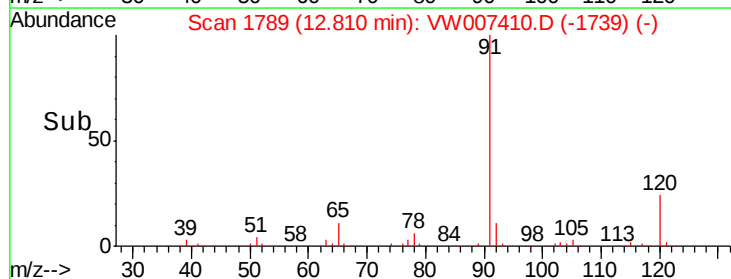
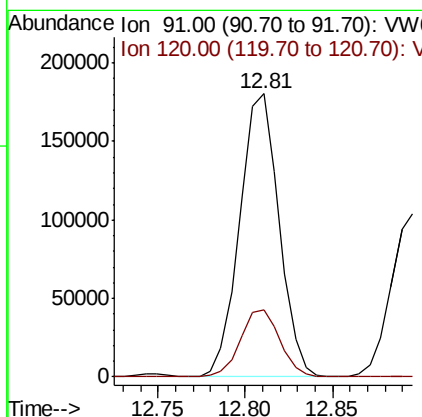
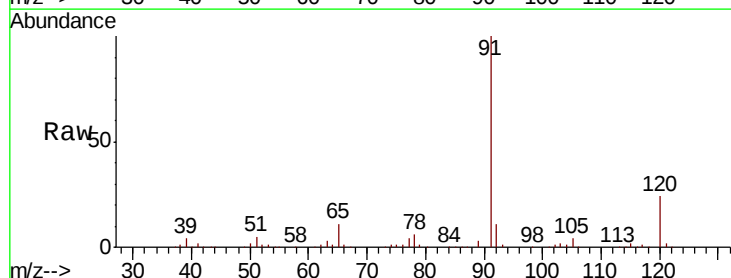
Manual Integrations
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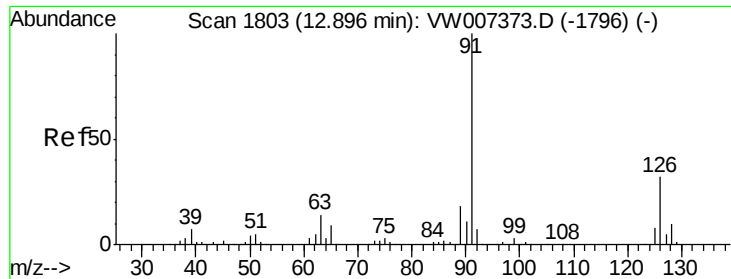
MMDadoda
12/12/2018 2:42:17 PM



#78
n-propylbenzene
Concen: 53.465 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.7	11.9	35.5	





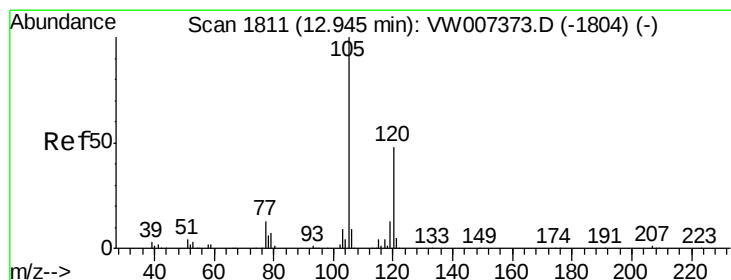
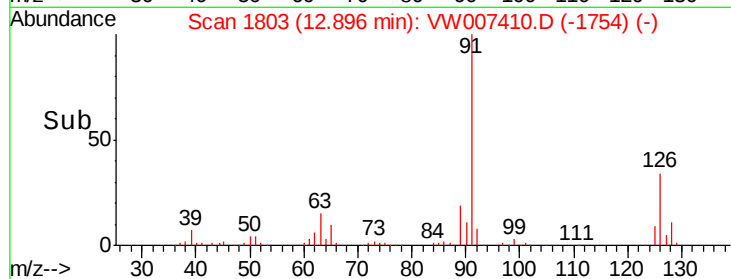
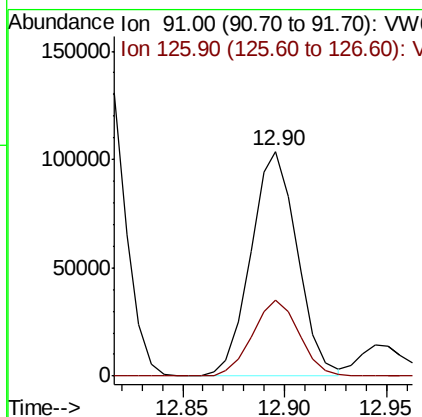
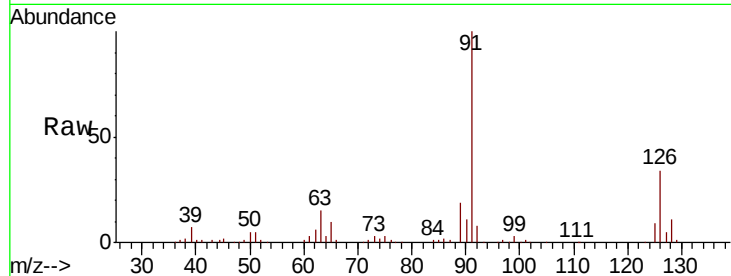
#79
 2-Chlorotoluene
 Concen: 51.609 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 164394
 Ion Ratio Lower Upper
 91 100
 126 34.0 15.9 47.6

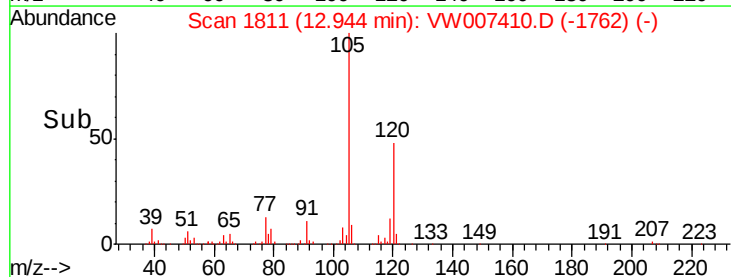
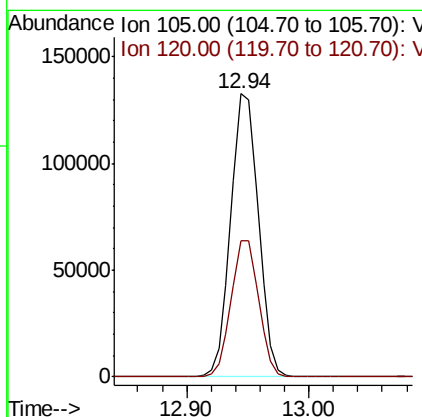
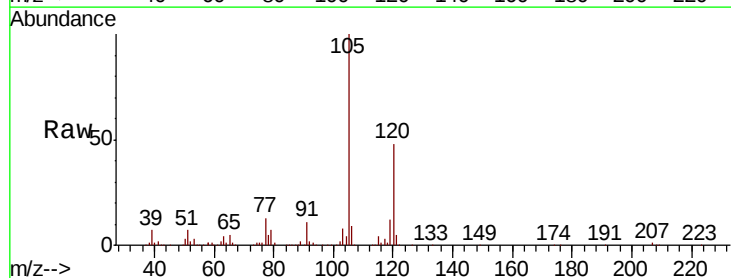
Manual Integrations
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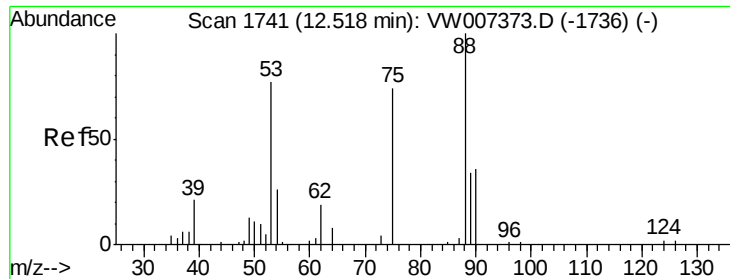
MMDadoda
 12/12/2018 2:42:17 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.647 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 105 Resp: 206927
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.4





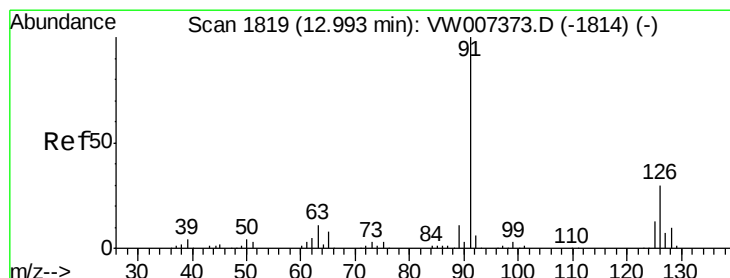
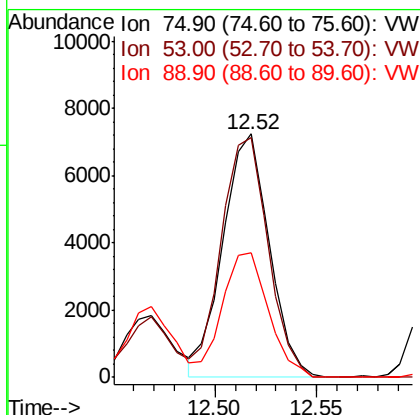
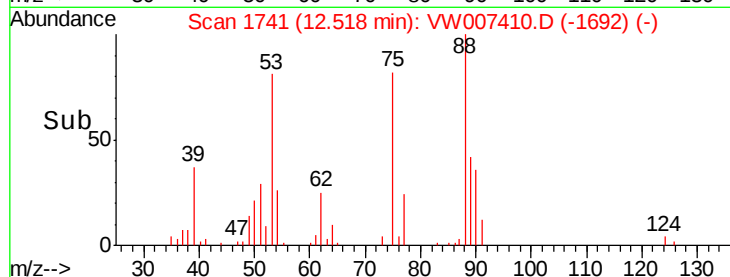
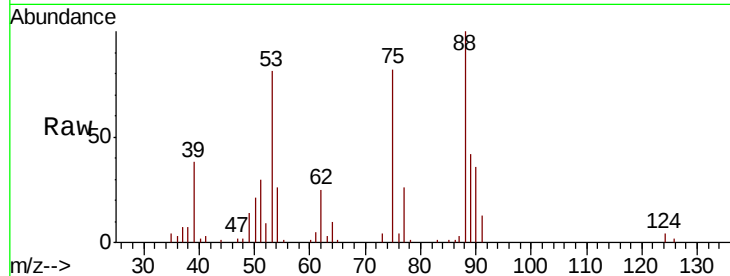
#81
trans-1,4-Dichloro-2-butene
Concen: 50.095 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	84.9	127.3
89	51.5	40.3	60.5

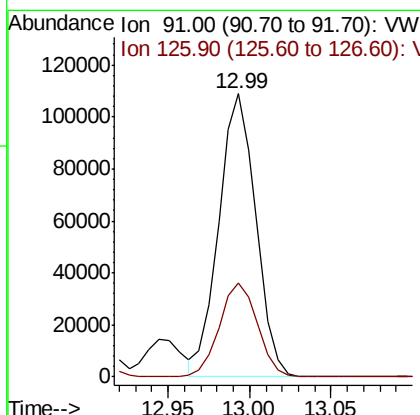
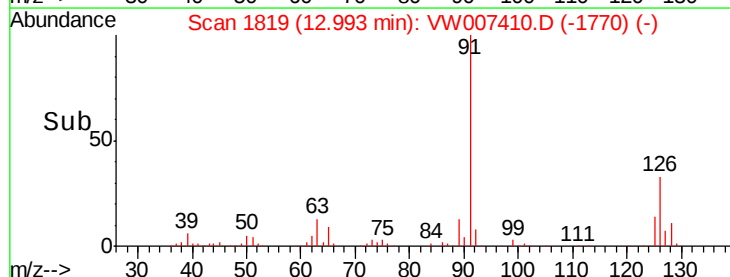
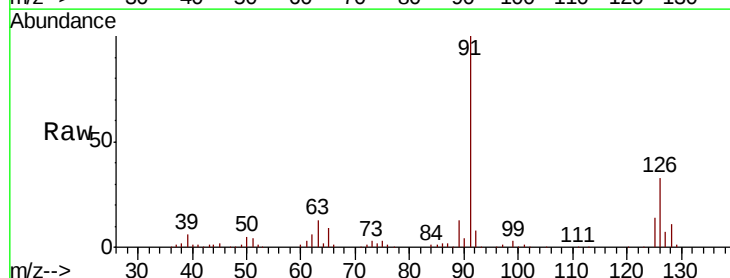
Manual Integrations
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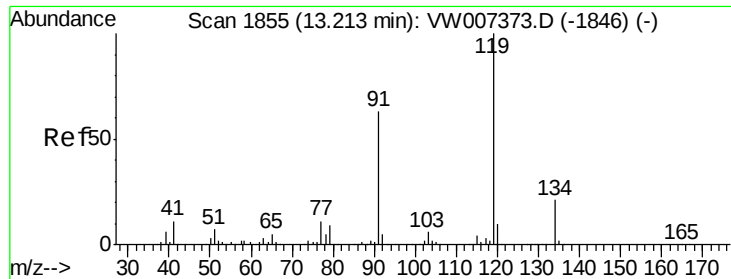
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.321 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.0	48.0





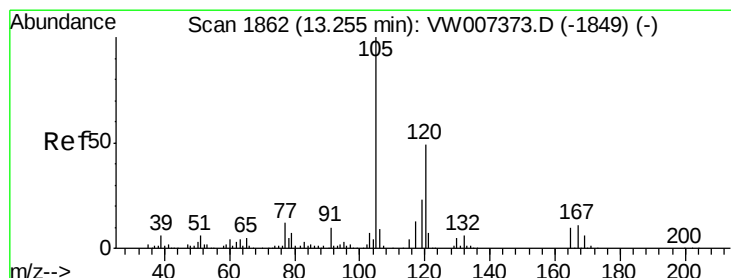
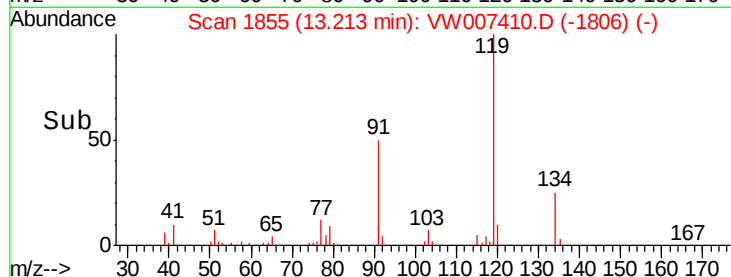
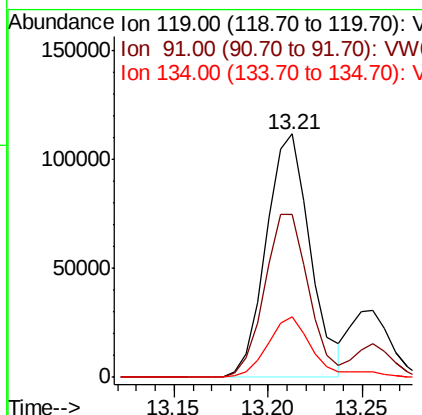
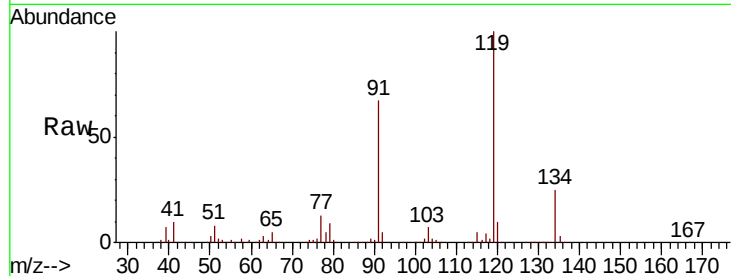
#83
tert-Butylbenzene
Concen: 52.433 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181590		
91	67.0	33.1	99.2	
134	24.0	12.5	37.5	

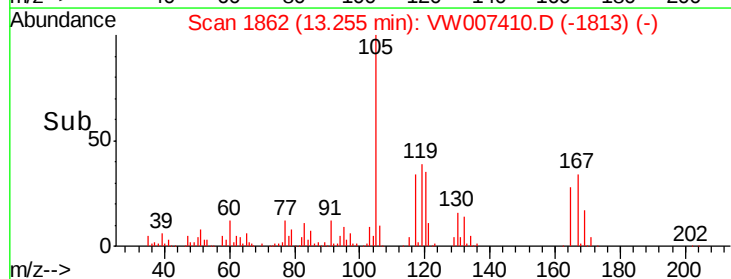
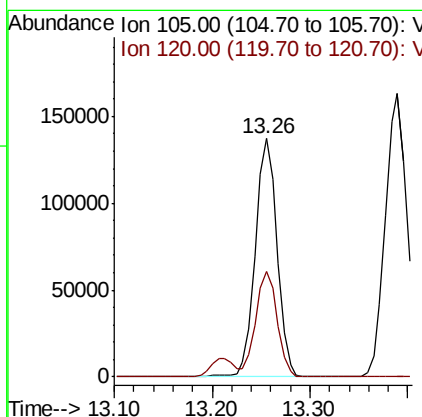
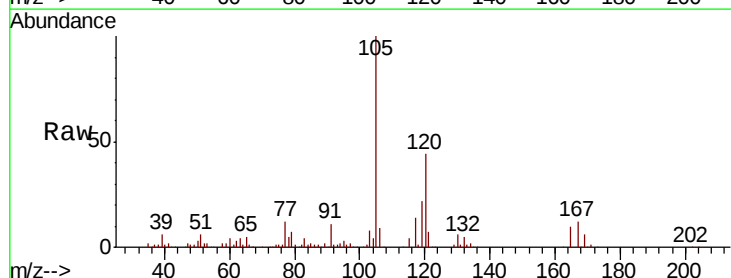
Manual Integrations
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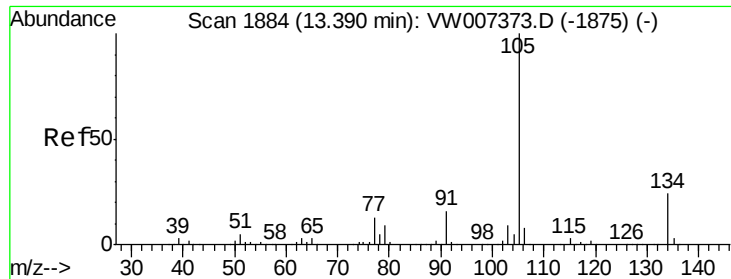
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.335 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211674		
120	44.0	22.6	67.7	





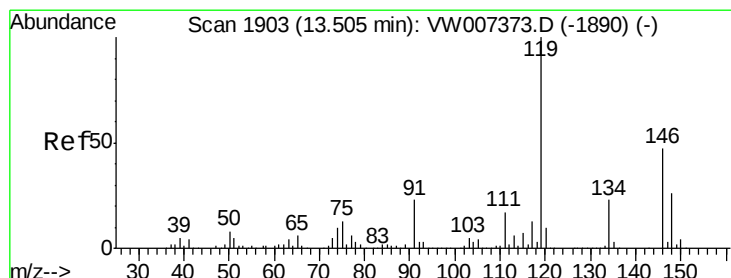
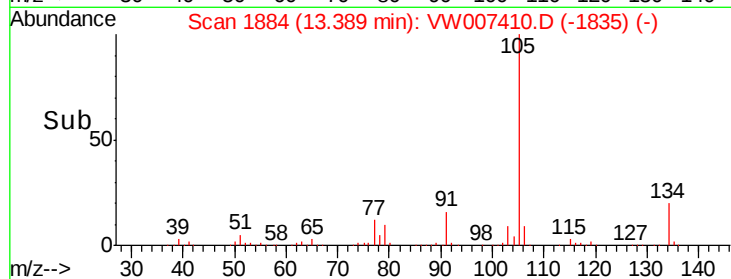
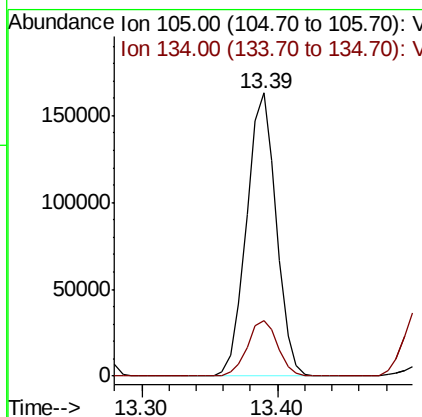
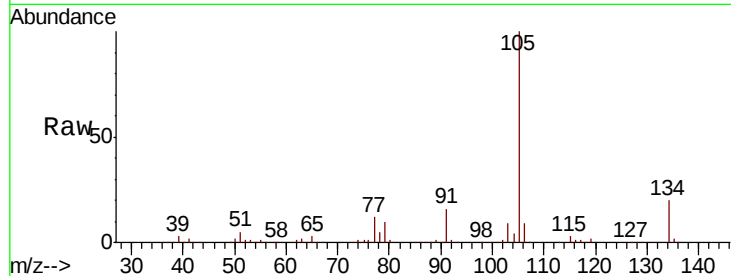
#85
 sec-Butylbenzene
 Concen: 52.649 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	11.1	33.3

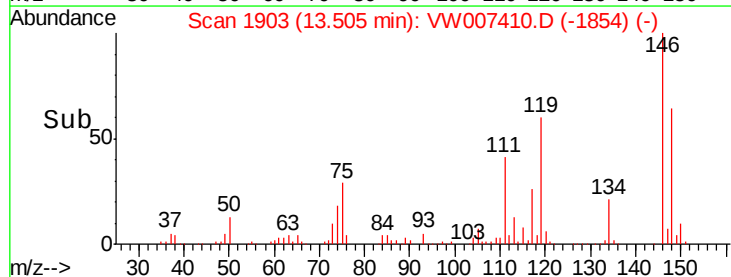
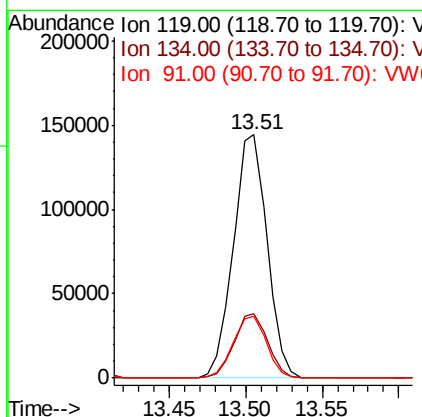
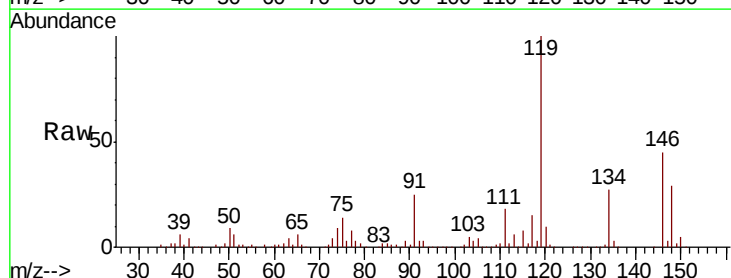
Manual Integrations
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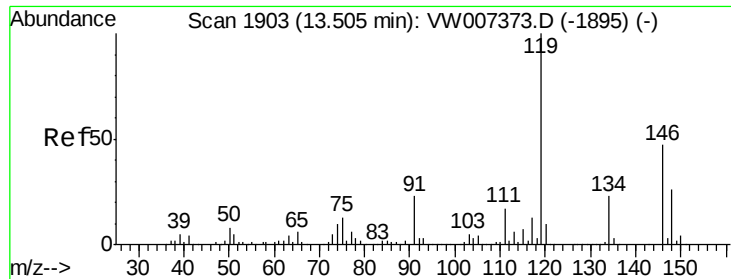
MMDadoda
 12/12/2018 2:42:17 PM



#86
 p-Isopropyltoluene
 Concen: 51.970 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	25.3	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 51.997 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

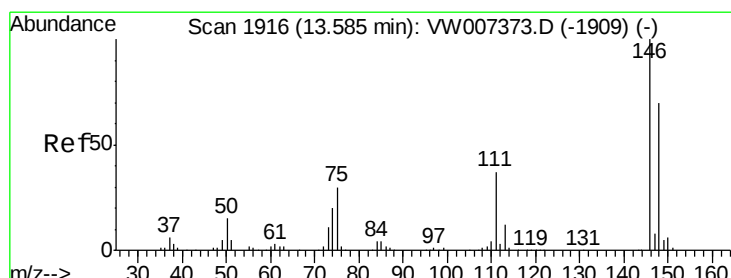
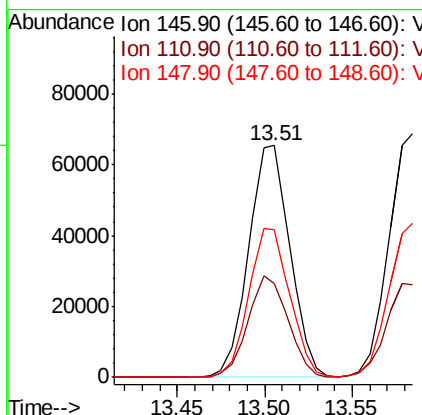
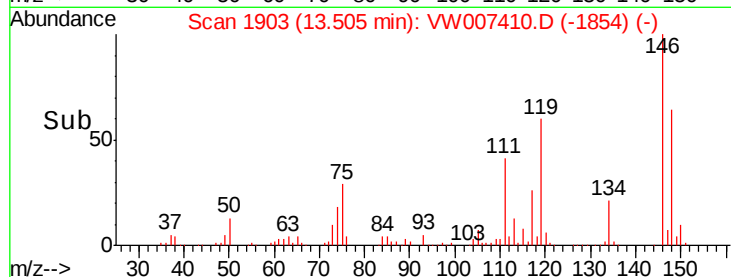
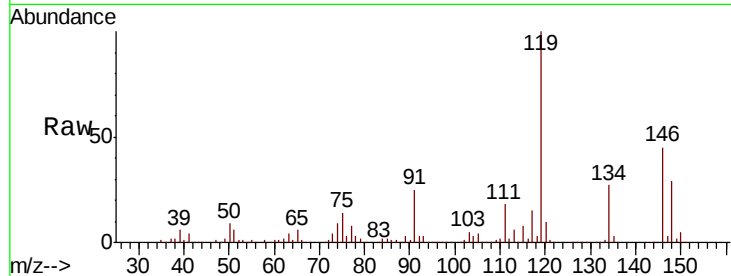
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.1	60.3
148	63.7	31.4	94.0

Manual Integrations
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12/12/2018 2:42:17 PM



#88

1,4-Dichlorobenzene

Concen: 52.427 ug/l

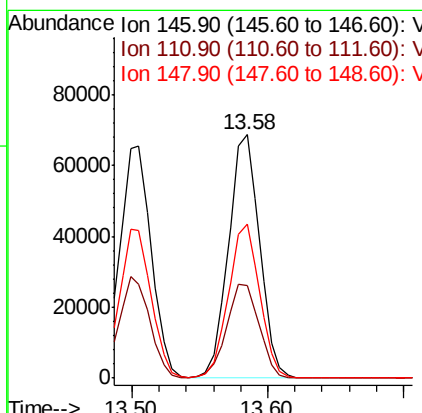
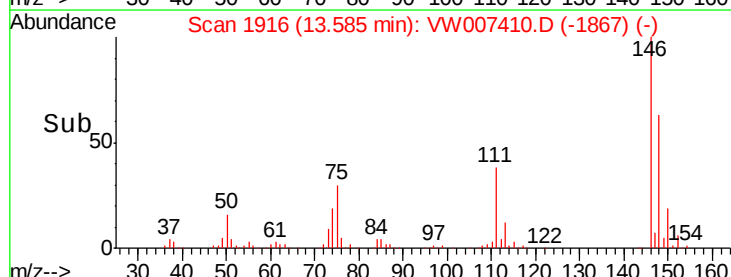
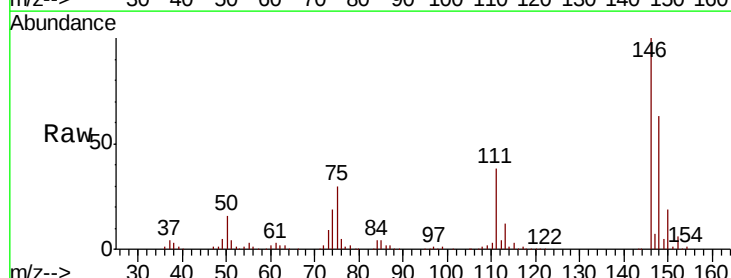
RT: 13.58 min Scan# 1916

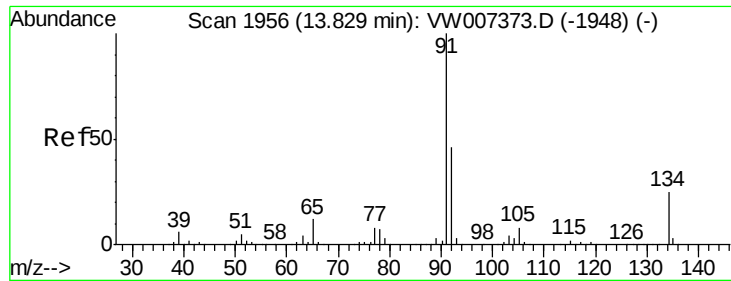
Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	61.0
148	63.5	33.5	100.5





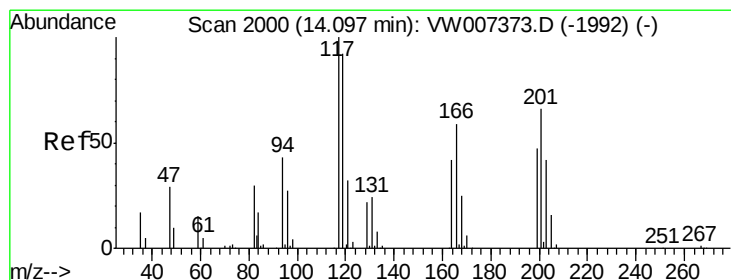
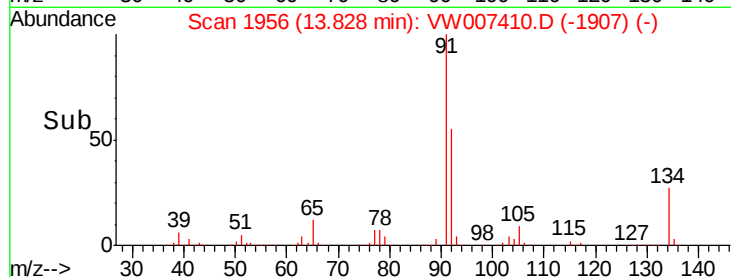
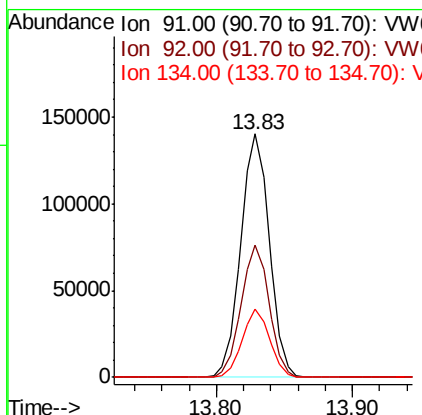
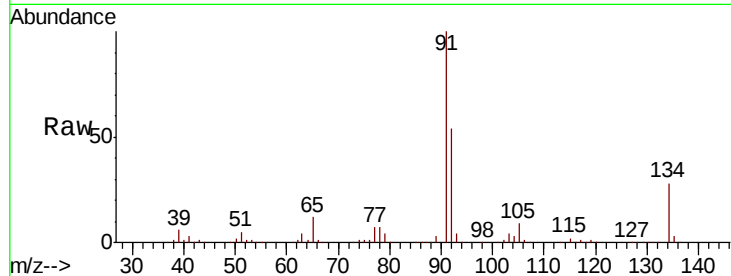
#89
n-Butylbenzene
Concen: 52.471 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.7	77.1
134	27.0	13.4	40.2

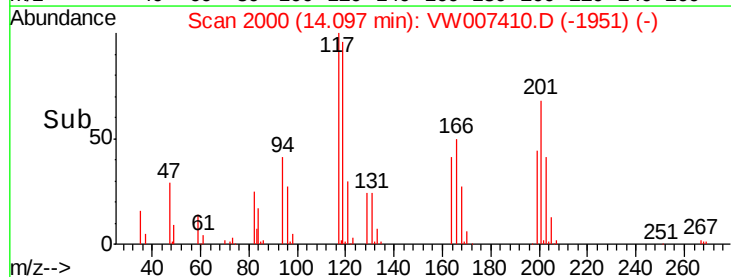
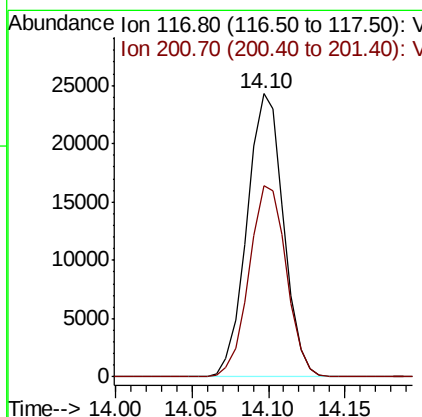
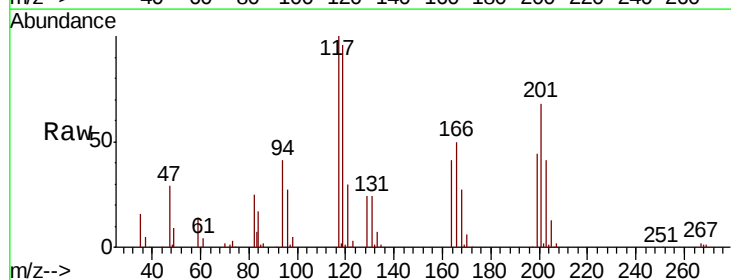
Manual Integrations
APPROVED

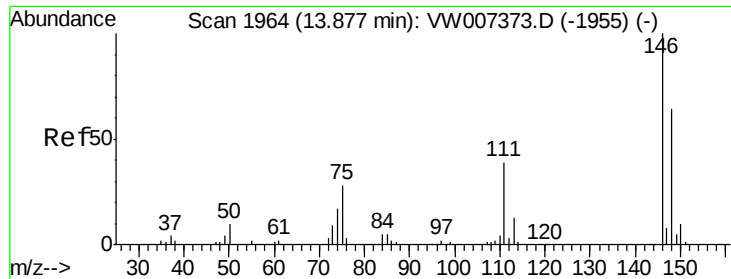
MMDadoda
12/12/2018 2:42:17 PM



#90
Hexachloroethane
Concen: 53.366 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	35.3	105.9





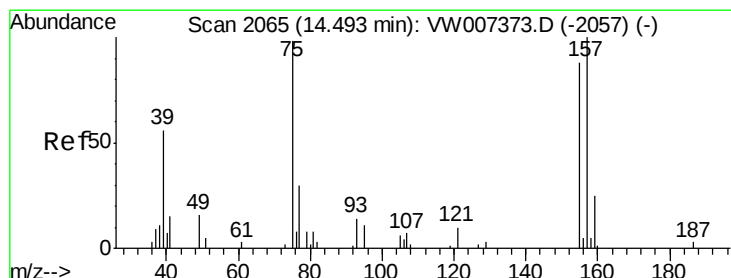
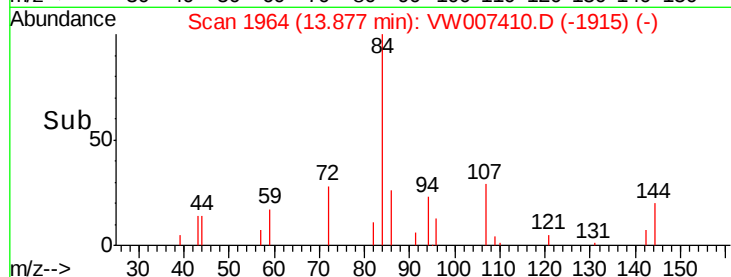
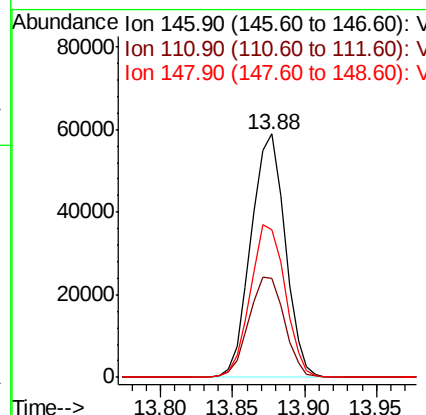
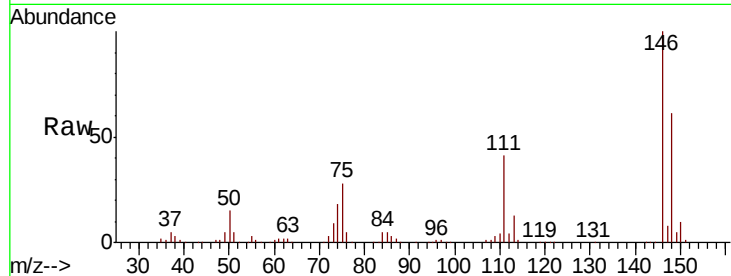
#91
 1,2-Dichlorobenzene
 Concen: 52.128 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.4	67.2
148	64.1	32.4	97.2

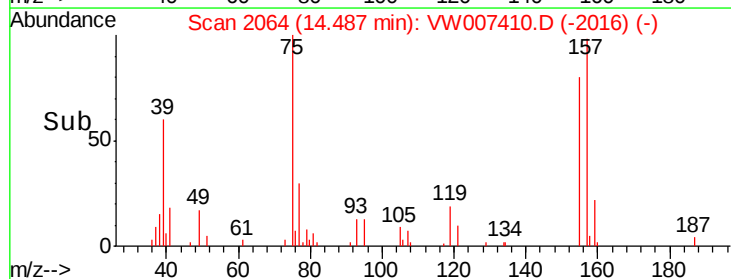
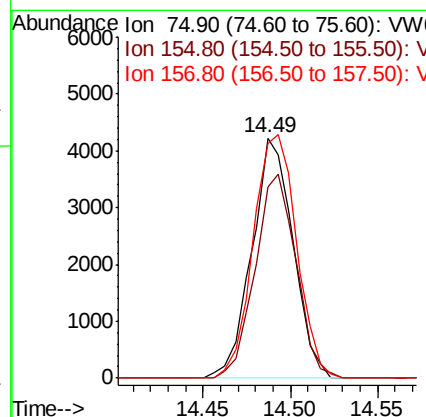
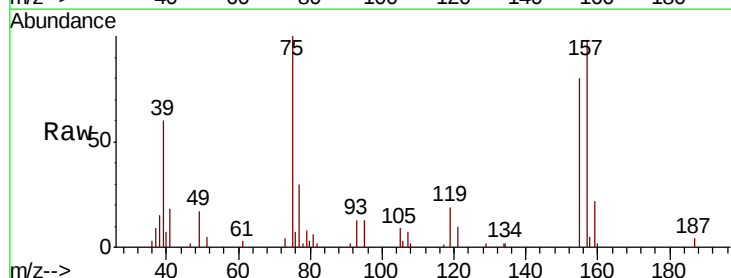
Manual Integrations
 APPROVED

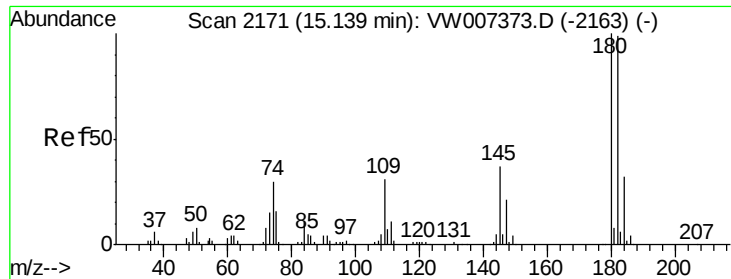
MMDadoda
 12/12/2018 2:42:17 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.692 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	40.8	122.2
157	106.7	51.1	153.4





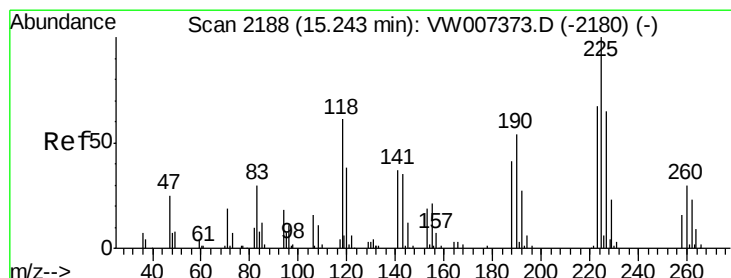
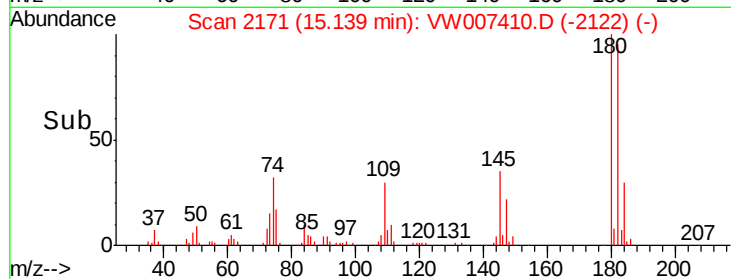
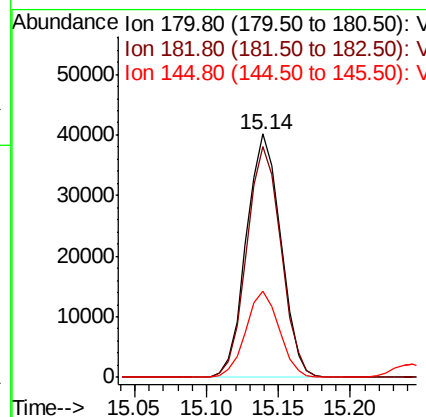
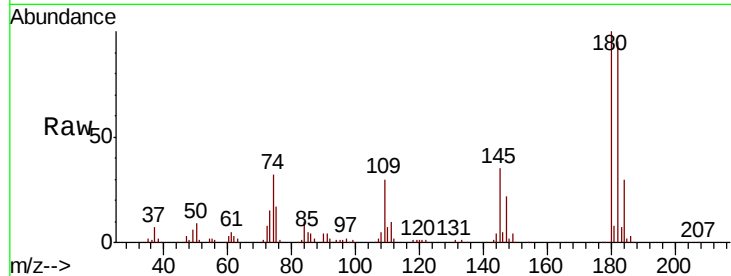
#93
 1,2,4-Trichlorobenzene
 Concen: 52.168 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	49.9	149.6
145	34.4	17.8	53.4

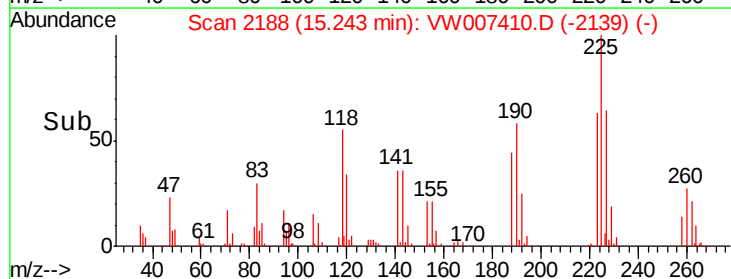
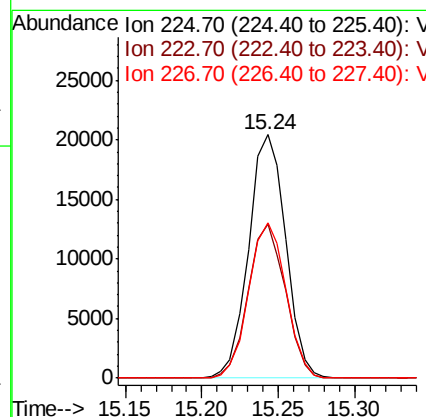
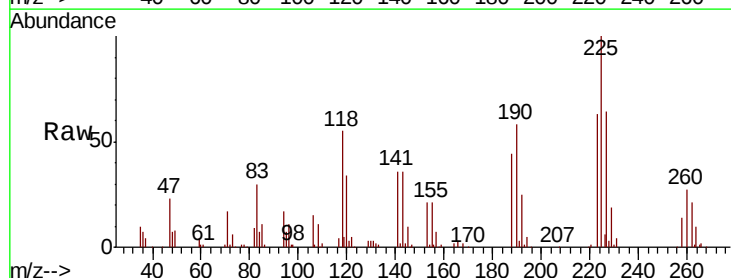
Manual Integrations
 APPROVED

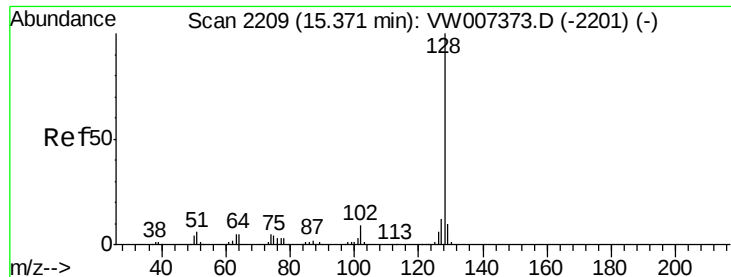
MMDadoda
 12/12/2018 2:42:17 PM



#94
 Hexachlorobutadiene
 Concen: 51.005 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.1	96.3
227	64.0	31.9	95.9





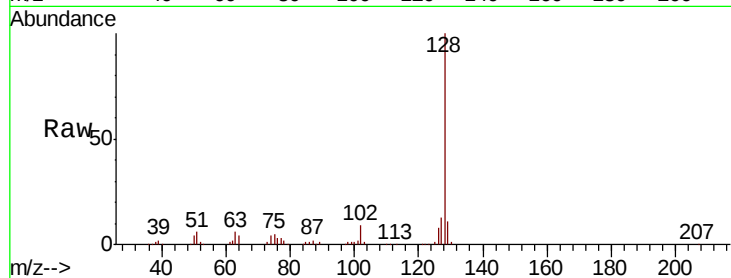
#95
Naphthalene
Concen: 52.635 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	128309		
127	13.1		10.2	15.4
129	10.9		8.3	12.5

Manual Integrations
APPROVED

MMDadoda
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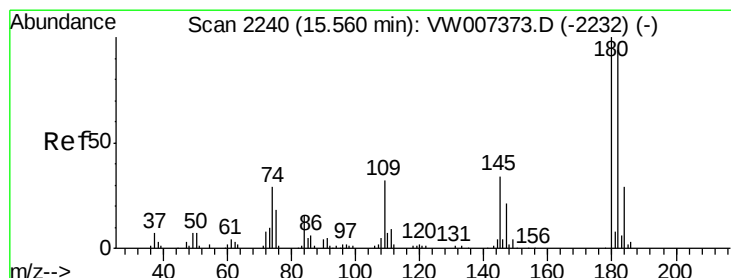
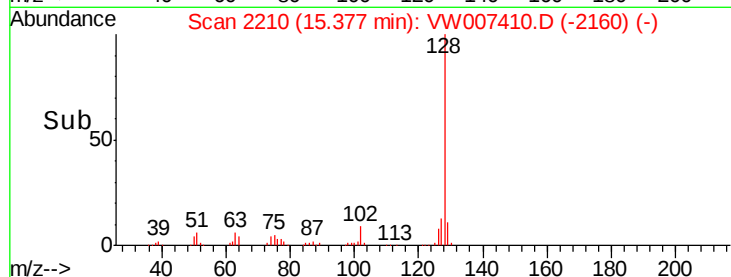
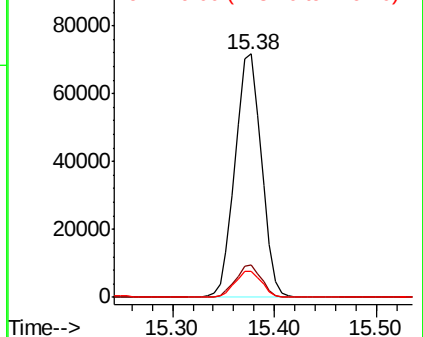


Abundance

Ion 128.00 (127.70 to 128.70): V

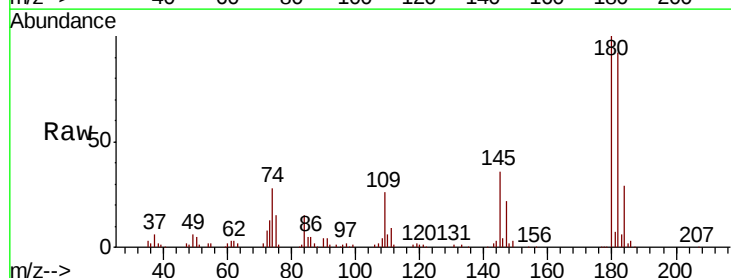
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.999 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58666		
182	93.9		45.6	136.7
145	36.4		17.5	52.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

