

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121318\
 Data File : VW007432.D
 Acq On : 12 Dec 2018 09:06
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 2:42:41 PM

Quant Time: Dec 12 11:28:15 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	83078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	141614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45694	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.88	113	43593	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.32	98	165981	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.62	95	62376	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23631	40.704	ug/l	100
3) Chloromethane	2.22	50	21529	44.278	ug/l	100
4) Vinyl Chloride	2.37	62	25550	44.778	ug/l	95
5) Bromomethane	2.78	94	17492	45.627	ug/l	99
6) Chloroethane	2.93	64	14480	46.101	ug/l	99
7) Trichlorofluoromethane	3.26	101	23169	45.165	ug/l	99
8) Diethyl Ether	3.67	74	19954	49.698	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37994	44.886	ug/l	95
10) Methyl Iodide	4.26	142	67841	48.392	ug/l	98
11) Tert butyl alcohol	5.17	59	13633	215.371	ug/l	98
12) 1,1-Dichloroethene	4.04	96	38629	47.399	ug/l	96
13) Acrolein	3.89	56	9670	230.869	ug/l	93
14) Allyl chloride	4.67	41	55798	46.449	ug/l	99
15) Acrylonitrile	5.37	53	40169	237.325	ug/l	99
16) Acetone	4.12	43	33447	207.757	ug/l	95
17) Carbon Disulfide	4.37	76	117460	47.535	ug/l	98
18) Methyl Acetate	4.67	43	20383	46.649	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	59718	48.574	ug/l	99
20) Methylene Chloride	4.90	84	42182	47.736	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44274	48.564	ug/l	98
22) Diisopropyl ether	6.31	45	111309	48.206	ug/l	98
23) Vinyl Acetate	6.25	43	300351	232.555	ug/l	98
24) 1,1-Dichloroethane	6.21	63	74717	47.877	ug/l	100
25) 2-Butanone	7.17	43	48059	228.663	ug/l	96
26) 2,2-Dichloropropane	7.17	77	44566	43.149	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48899	48.985	ug/l	99
28) Bromochloromethane	7.51	49	27509	46.863	ug/l	99
29) Tetrahydrofuran	7.53	42	31398	235.979	ug/l	99
30) Chloroform	7.67	83	82287	48.453	ug/l	98
31) Cyclohexane	7.95	56	60934	42.557	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	71946	48.309	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61814	47.849	ug/l	99
37) Ethyl Acetate	7.25	43	21958	45.700	ug/l	98
38) Carbon Tetrachloride	8.07	117	67790	48.227	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73964	47.283	ug/l	91
40) Benzene	8.32	78	175932	49.073	ug/l	99
41) Methacrylonitrile	7.48	41	13388	48.930	ug/l	97
42) 1,2-Dichloroethane	8.40	62	55148	48.969	ug/l	99
43) Isopropyl Acetate	8.43	43	44340	46.718	ug/l	98
44) Trichloroethene	9.09	130	50406	49.236	ug/l	99
45) 1,2-Dichloropropane	9.37	63	41267	49.741	ug/l	98
46) Dibromomethane	9.46	93	23598	50.087	ug/l	95
47) Bromodichloromethane	9.65	83	61584	49.833	ug/l #	89
48) Methyl methacrylate	9.43	41	22632	46.430	ug/l	95
49) 1,4-Dioxane	9.45	88	7339	960.030	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	108786	242.581	ug/l	99
52) Toluene	10.39	92	116129	50.054	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	57847	48.216	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66296	47.800	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32776	51.115	ug/l	95
56) Ethyl methacrylate	10.65	69	39427	51.156	ug/l	98
57) 1,3-Dichloropropane	10.93	76	54302	51.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90997	256.029	ug/l	99
59) 2-Hexanone	10.97	43	76251	254.996	ug/l	100
60) Dibromochloromethane	11.13	129	41677	51.503	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32123	50.693	ug/l	97
64) Tetrachloroethene	10.87	164	45312	49.133	ug/l	96
65) Chlorobenzene	11.66	112	130741	48.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45823	48.674	ug/l	99
67) Ethyl Benzene	11.73	91	229535	49.947	ug/l	93
68) m/p-Xylenes	11.84	106	175479	98.221	ug/l	99
69) o-Xylene	12.17	106	83237	49.886	ug/l	98
70) Styrene	12.18	104	136995	50.832	ug/l	98
71) Bromoform	12.35	173	23028	47.790	ug/l #	100
73) Isopropylbenzene	12.47	105	231410	48.734	ug/l	98
74) N-amyl acetate	12.27	43	41271	47.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	34234	48.676	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	26197m	51.269	ug/l	
77) Bromobenzene	12.75	156	52095	49.494	ug/l	97
78) n-propylbenzene	12.81	91	267966	50.144	ug/l	100
79) 2-Chlorotoluene	12.90	91	157505	48.710	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	198917	49.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10506	45.419	ug/l	92
82) 4-Chlorotoluene	12.99	91	166610	48.881	ug/l	97
83) tert-Butylbenzene	13.21	119	171654	48.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	199645	48.625	ug/l	100
85) sec-Butylbenzene	13.39	105	235716	49.115	ug/l	96
86) p-Isopropyltoluene	13.50	119	212799	49.356	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	104316	49.708	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103904	49.249	ug/l	97
89) n-Butylbenzene	13.83	91	195974	49.030	ug/l	99
90) Hexachloroethane	14.10	117	37132	48.402	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	92503	49.214	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6743	47.776	ug/l	99

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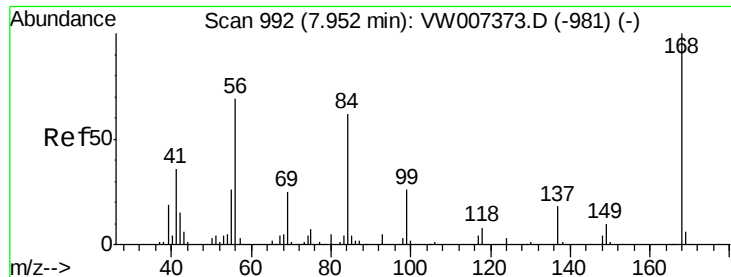
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62415	48.252	ug/l	96
94) Hexachlorobutadiene	15.24	225	31680	46.159	ug/l	99
95) Naphthalene	15.38	128	120490	48.692	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	54682	48.664	ug/l	98

(#) = 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: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

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VSTDCCC050EC

Tot Ion:168 Resp: 83078

Ion Ratio Lower Upper

168 100

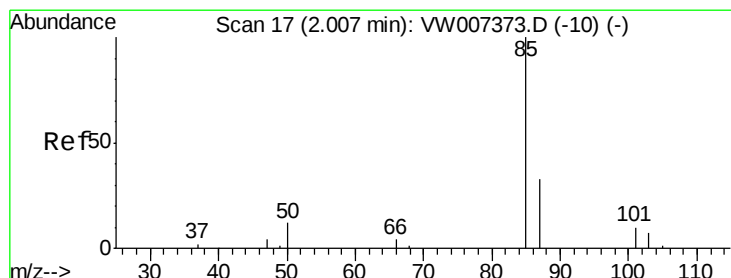
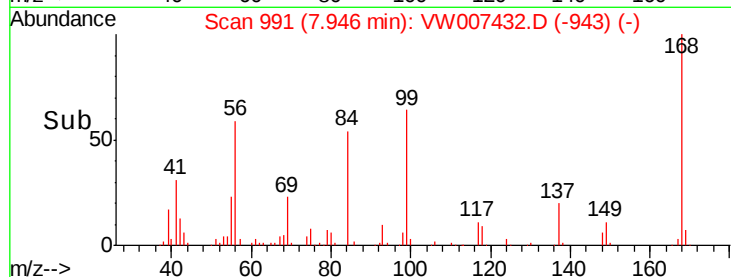
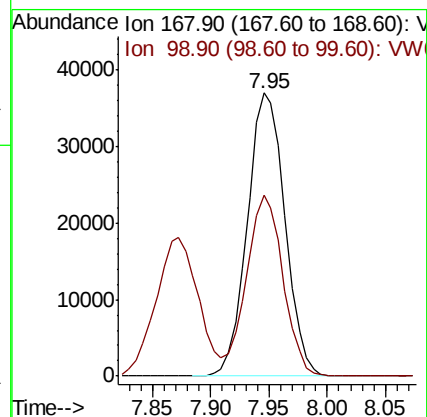
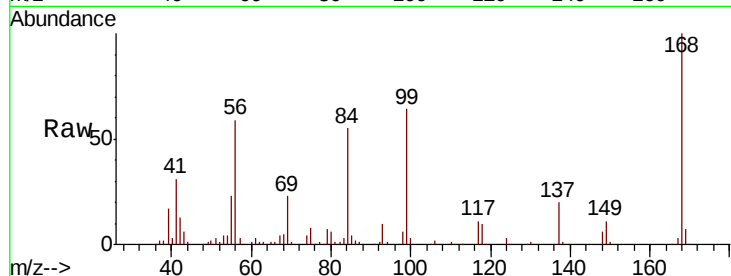
99 64.0 48.3 72.5

Manual Integrations

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12/12/2018 2:42:41 PM



#2

Dichlorodifluoromethane

Concen: 40.704 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007432.D

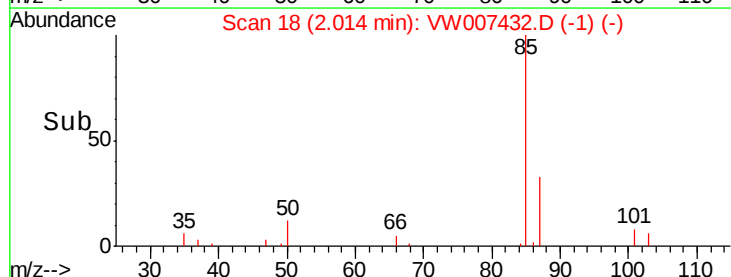
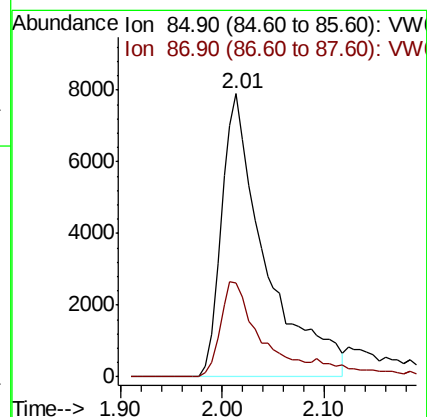
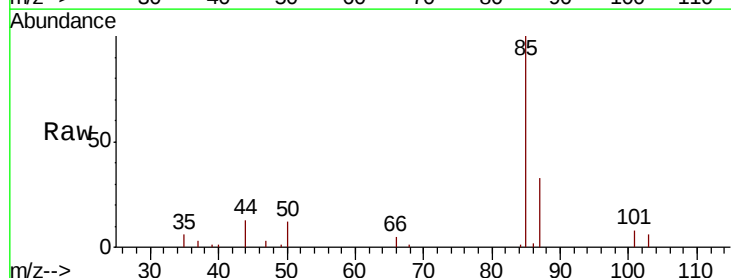
Acq: 12 Dec 2018 09:06

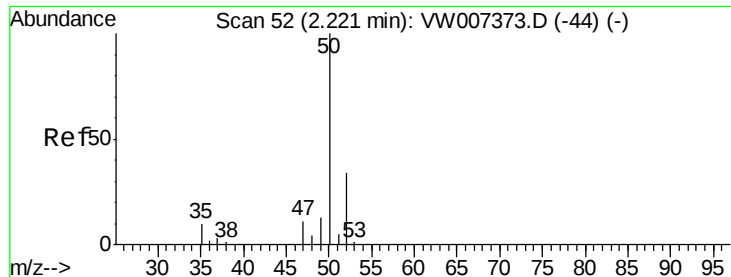
Tgt Ion: 85 Resp: 23631

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7





#3

Chloromethane

Concen: 44.278 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 21529

Ion Ratio Lower Upper

50 100

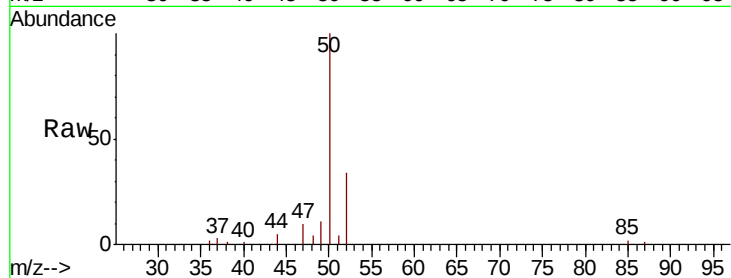
52 34.0 27.4 41.0

Manual Integrations

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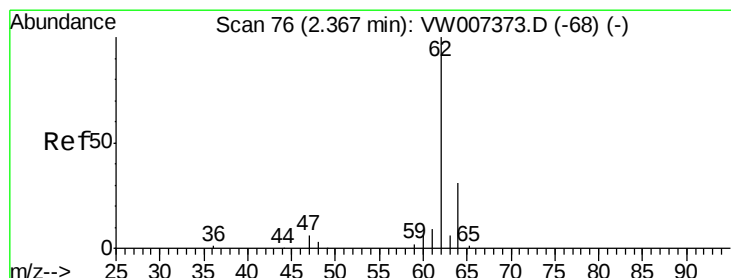
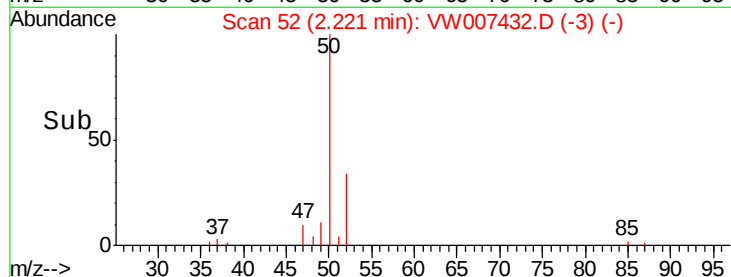
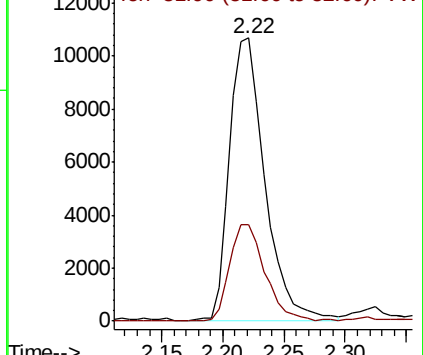
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.778 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007432.D

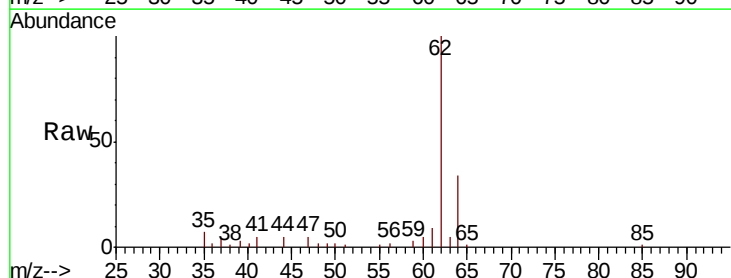
Acq: 12 Dec 2018 09:06

Tgt Ion: 62 Resp: 25550

Ion Ratio Lower Upper

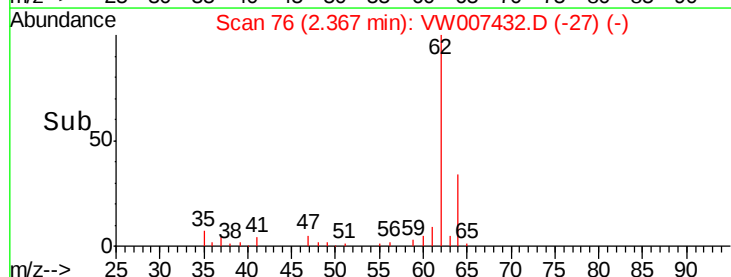
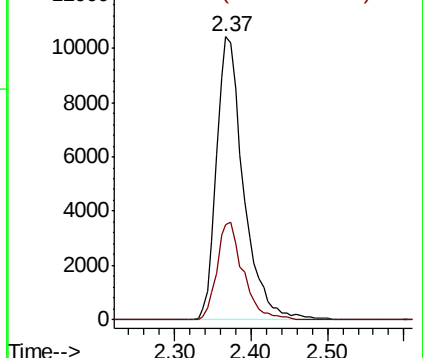
62 100

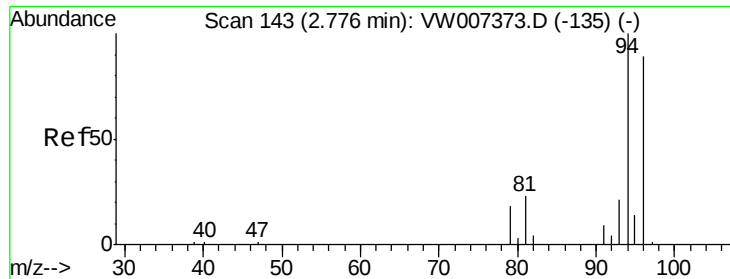
64 33.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.627 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 17492

Ion Ratio Lower Upper

94 100

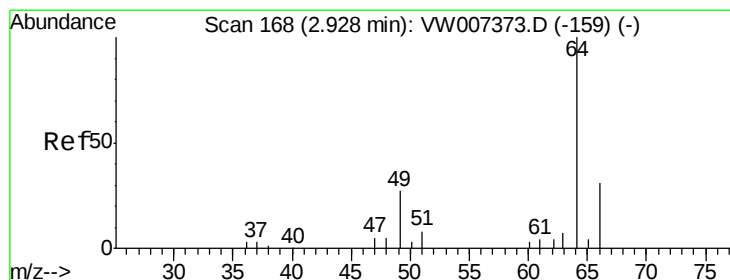
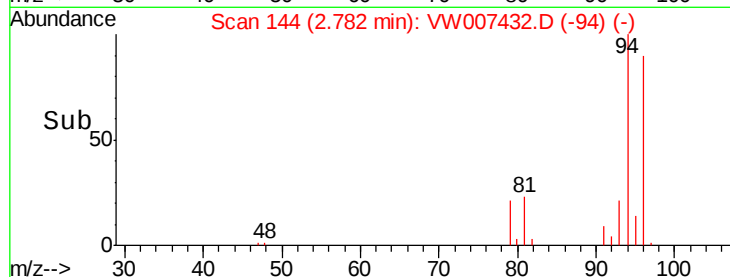
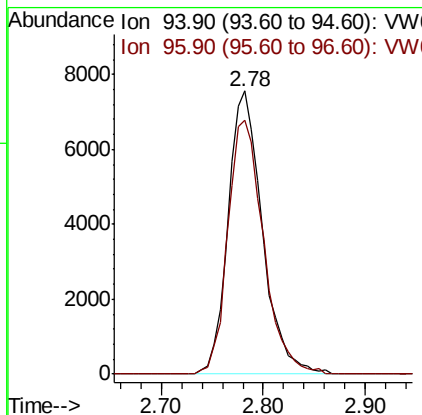
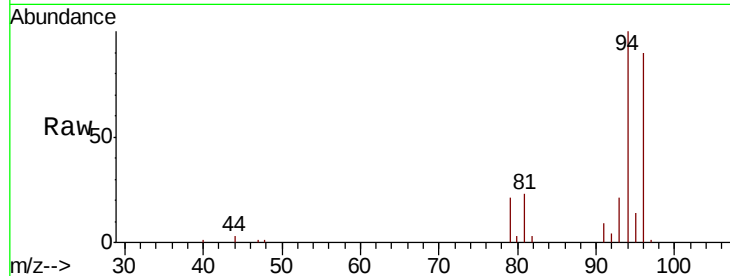
96 89.6 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 46.101 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007432.D

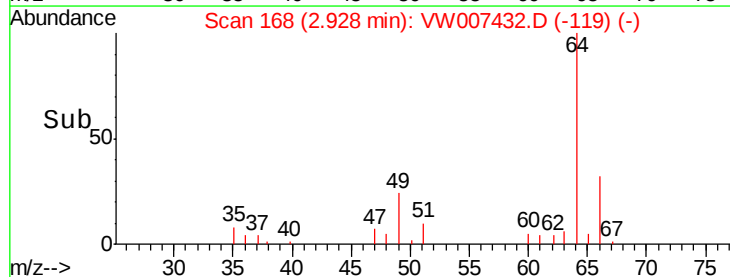
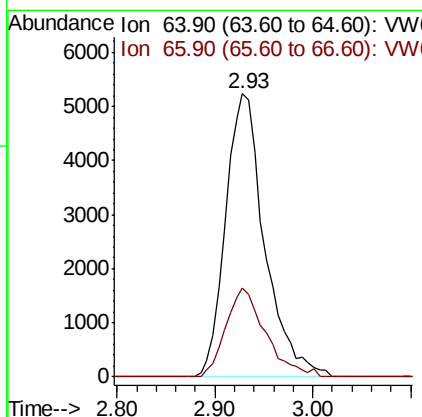
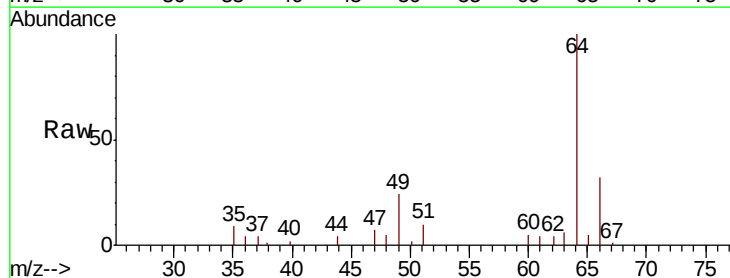
Acq: 12 Dec 2018 09:06

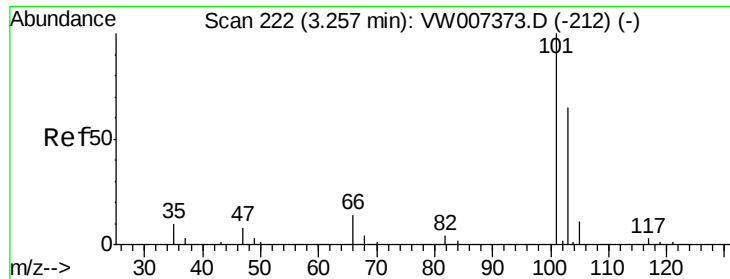
Tgt Ion: 64 Resp: 14480

Ion Ratio Lower Upper

64 100

66 31.6 24.6 37.0





#7

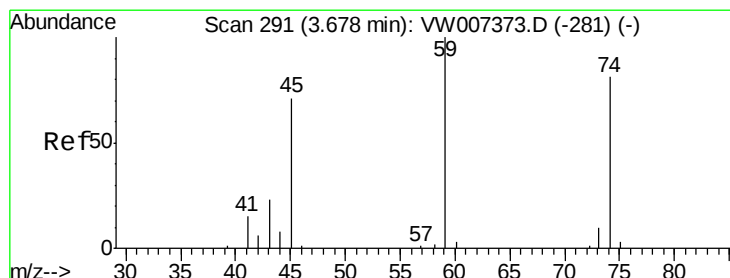
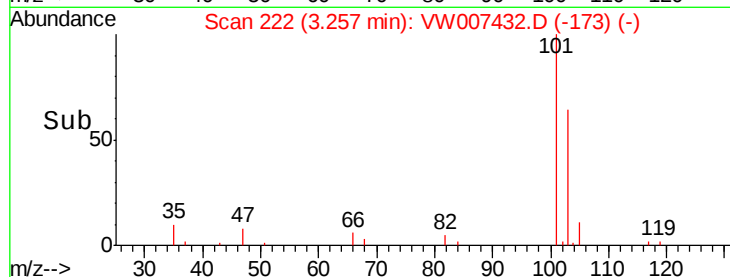
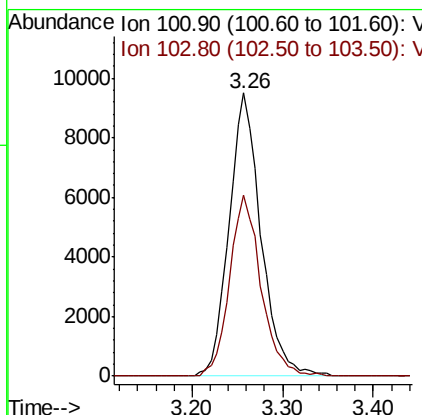
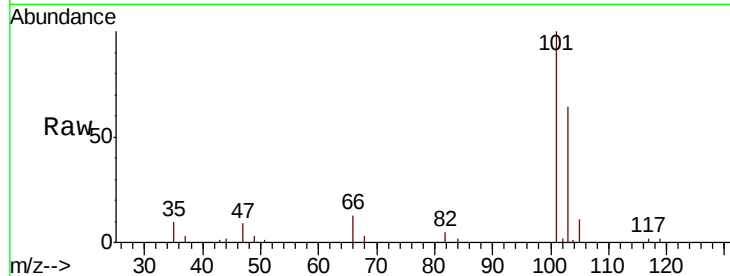
Trichlorofluoromethane
Concen: 45.165 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

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MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 23169
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

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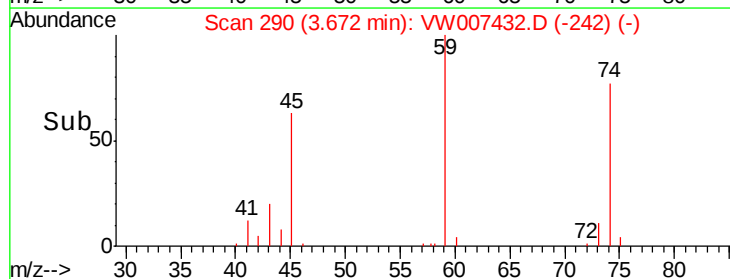
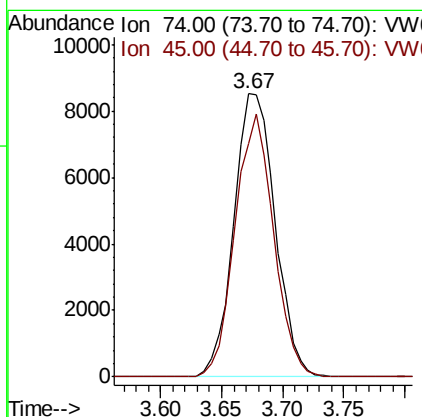
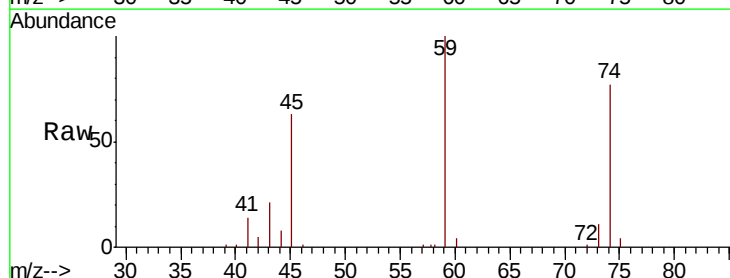
MMDadoda
12/12/2018 2:42:41 PM

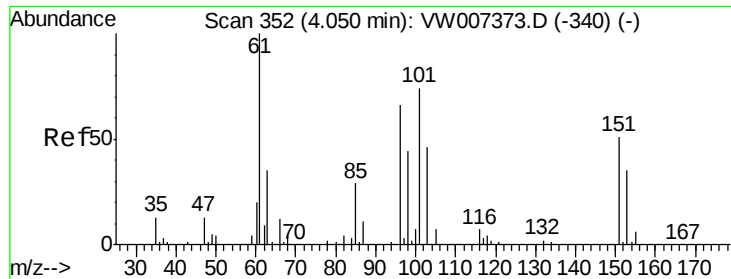


#8

Diethyl Ether
Concen: 49.698 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion: 74 Resp: 19954
Ion Ratio Lower Upper
74 100
45 86.7 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.886 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

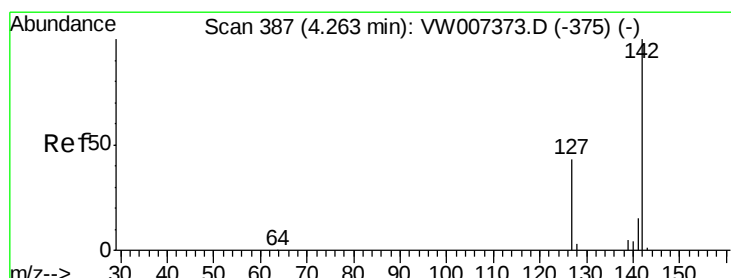
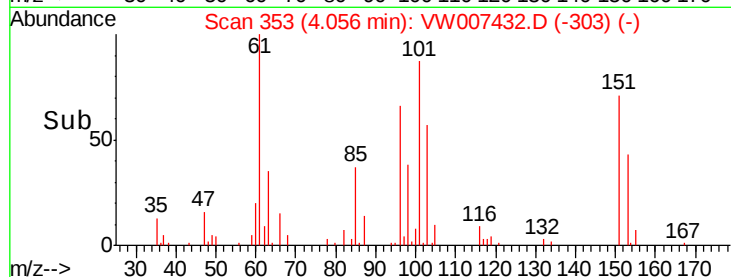
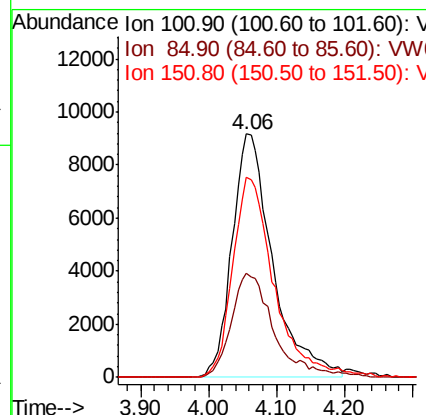
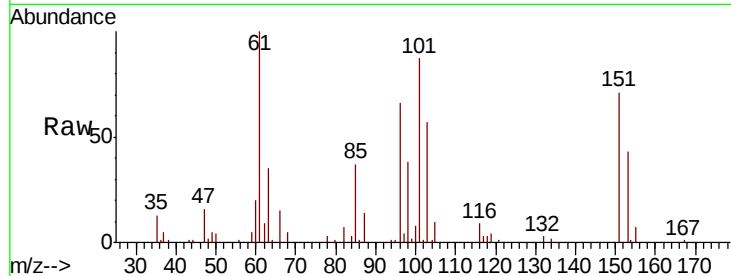
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	37994
Ion Ratio	Lower	Upper	
101	100		
85	44.9	33.9	50.9
151	84.1	63.7	95.5

Manual Integrations
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12/12/2018 2:42:41 PM



#10

Methyl Iodide

Concen: 48.392 ug/l

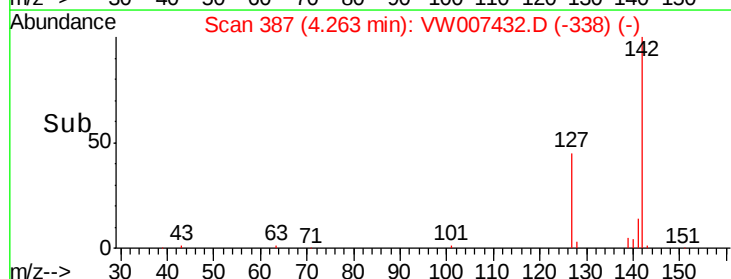
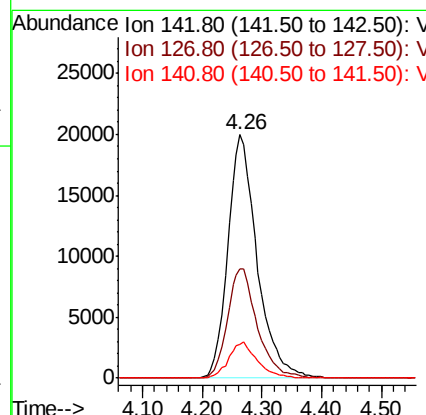
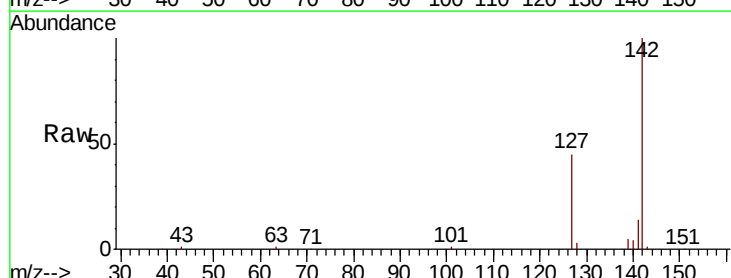
RT: 4.26 min Scan# 387

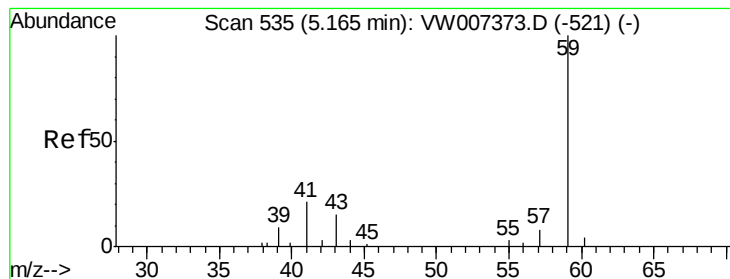
Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Tgt Ion:	142	Resp:	67841
Ion Ratio	Lower	Upper	
142	100		
127	45.9	35.8	53.6
141	14.3	11.1	16.7





#11

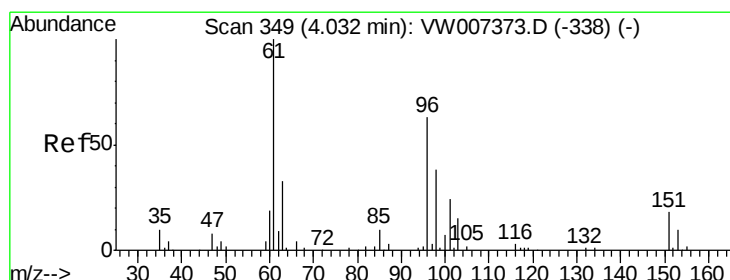
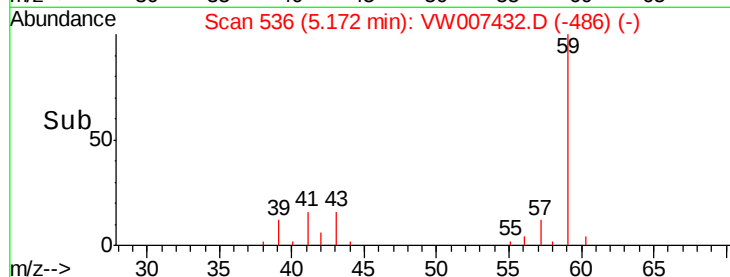
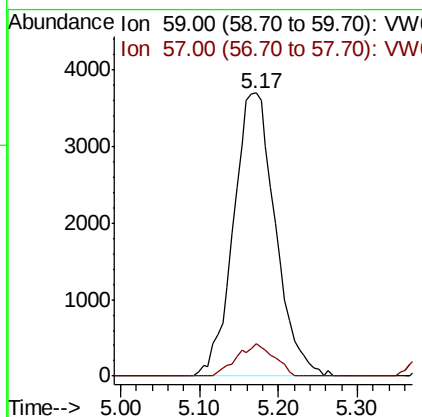
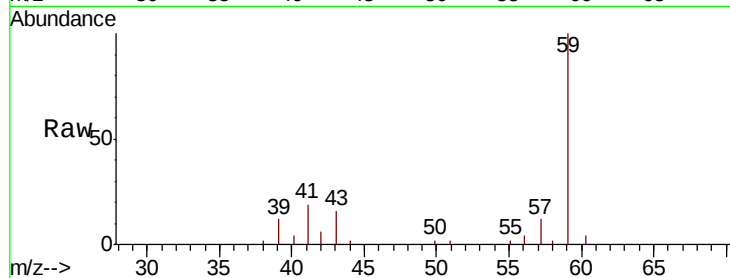
Tert butyl alcohol
Concen: 215.371 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.6	11.4

Manual Integrations
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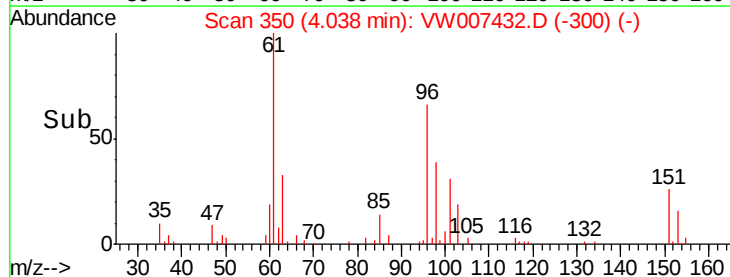
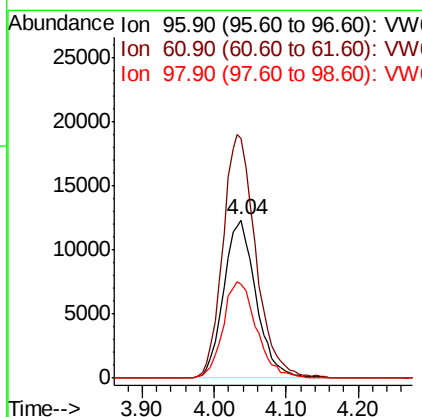
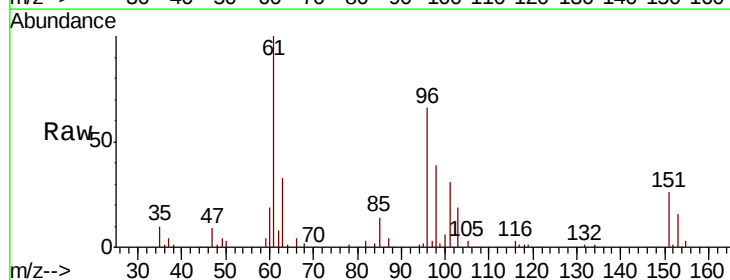
MMDadoda
12/12/2018 2:42:41 PM

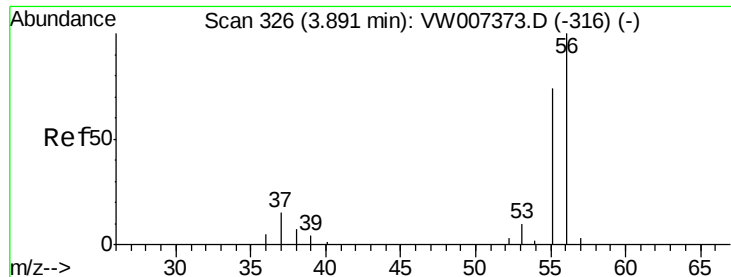


#12

1,1-Dichloroethene
Concen: 47.399 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.3	126.2	189.2
98	59.4	48.3	72.5





#13

Acrolein

Concen: 230.869 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 9670

Ion Ratio Lower Upper

56 100

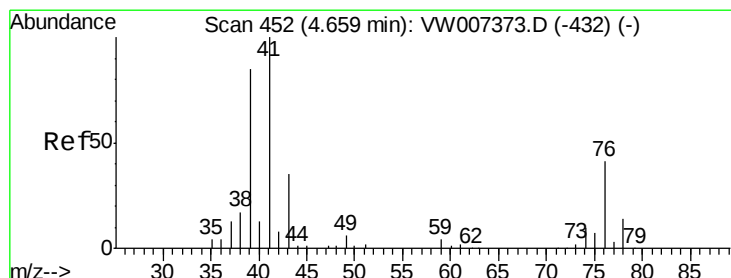
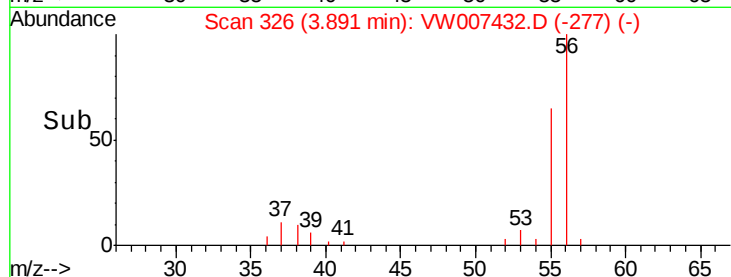
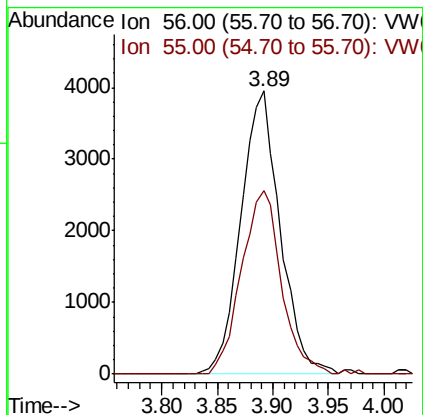
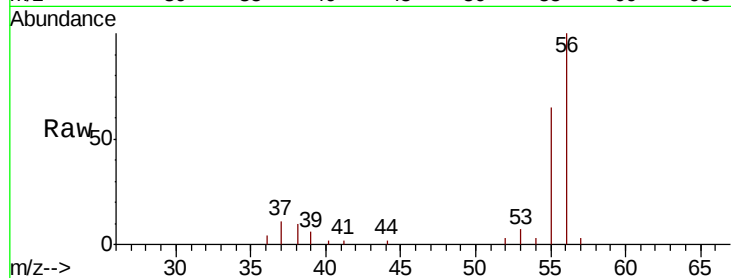
55 65.9 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 46.449 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

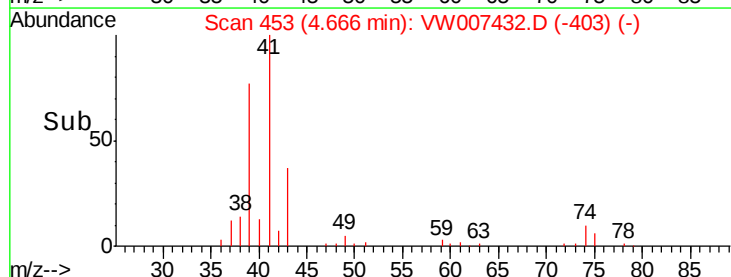
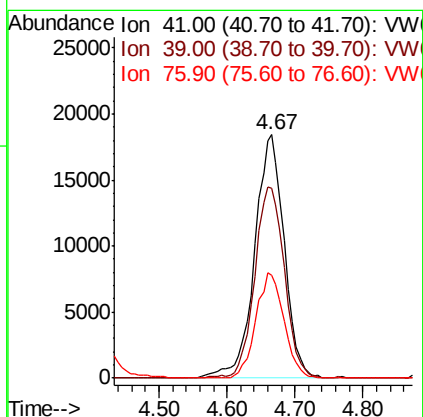
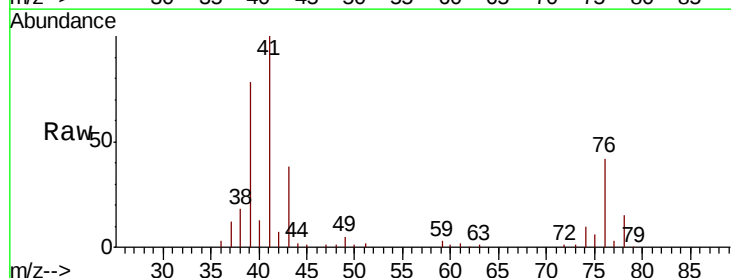
Tgt Ion: 41 Resp: 55798

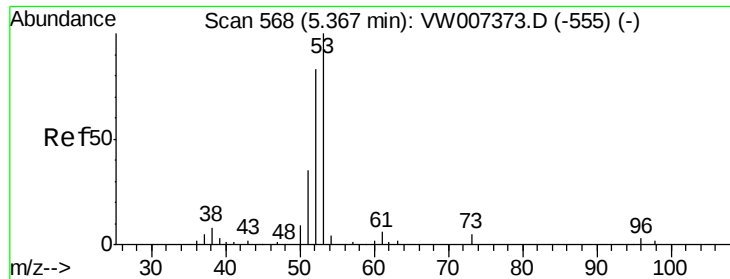
Ion Ratio Lower Upper

41 100

39 79.2 63.4 95.2

76 41.1 32.1 48.1





#15

Acrylonitrile

Concen: 237.325 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

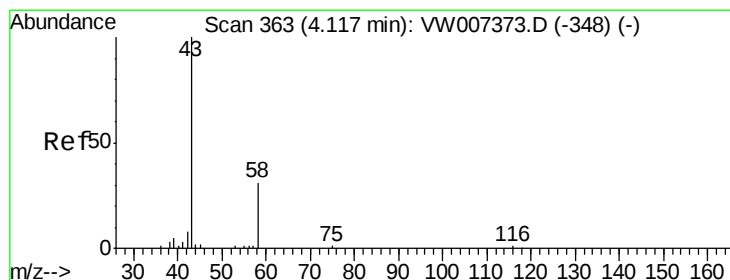
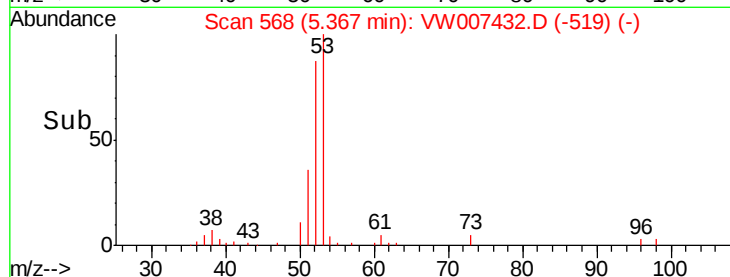
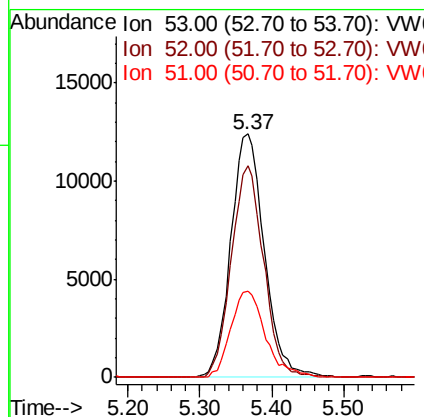
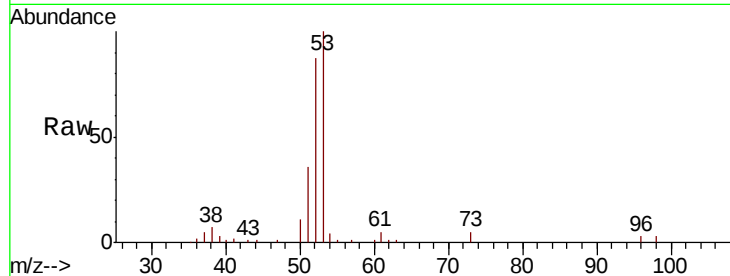
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	40169
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.4	101.2
51	36.5	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 207.757 ug/l

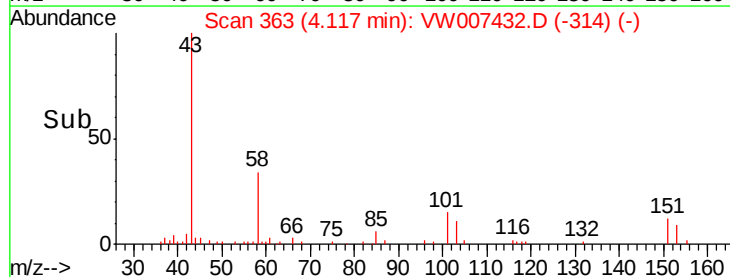
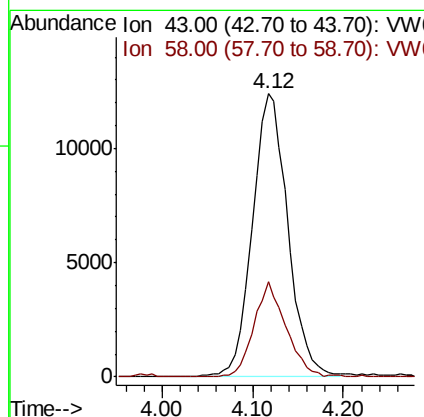
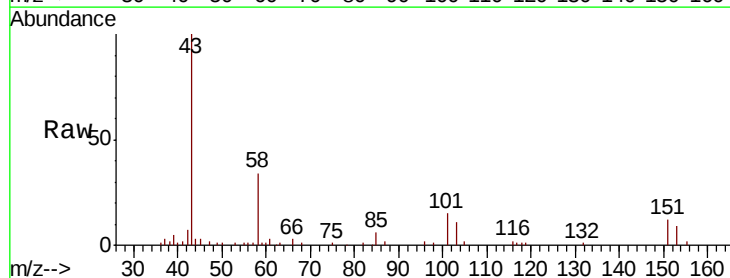
RT: 4.12 min Scan# 363

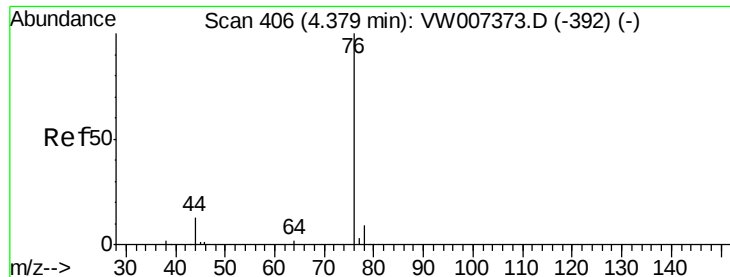
Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Tgt Ion:	43	Resp:	33447
Ion	Ratio	Lower	Upper
43	100		
58	33.7	24.9	37.3





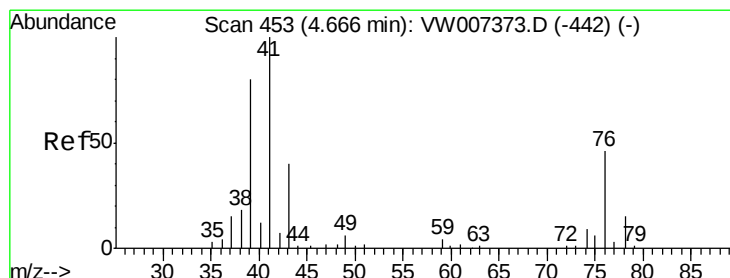
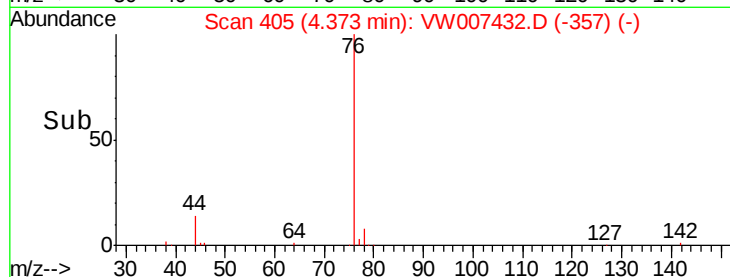
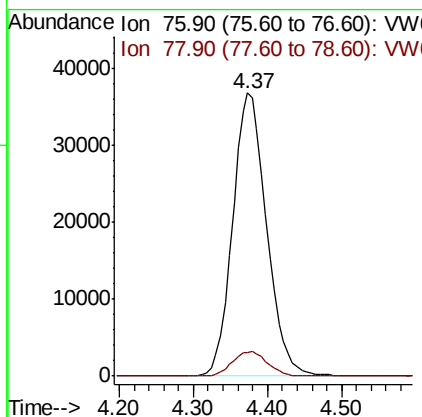
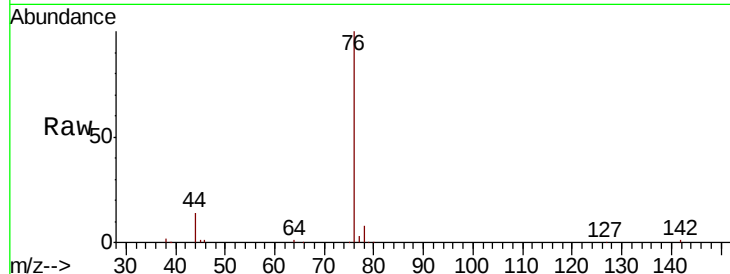
#17
Carbon Disulfide
Concen: 47.535 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.1	10.7

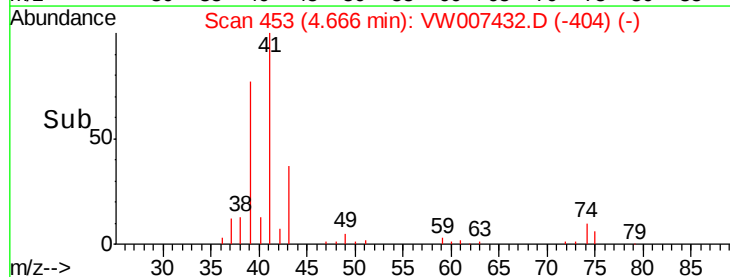
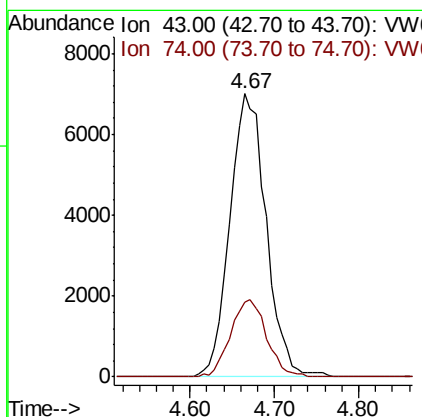
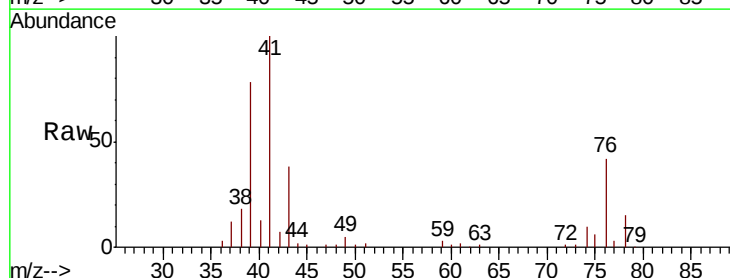
Manual Integrations
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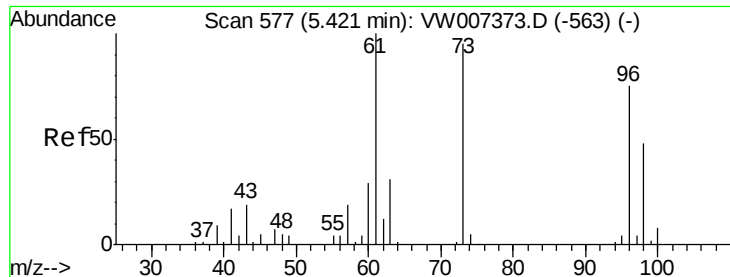
MMDadoda
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#18
Methyl Acetate
Concen: 46.649 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	21.1	31.7





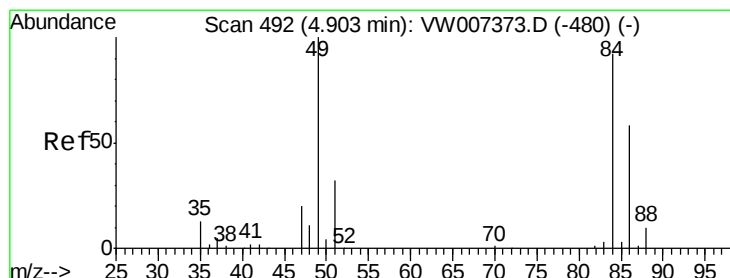
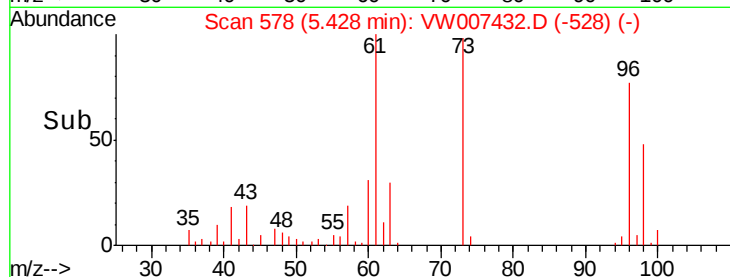
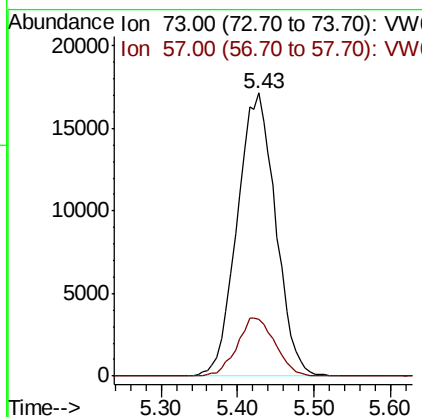
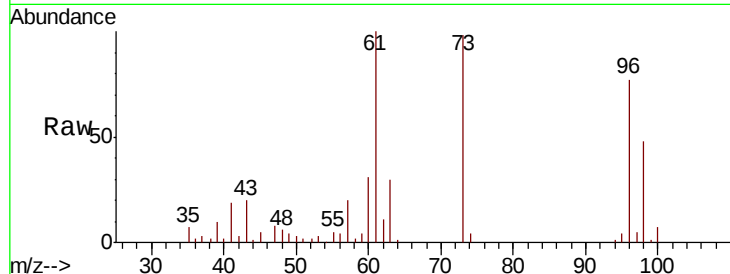
#19
Methvl tert-butvl Ether
Concen: 48.574 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 59718
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6

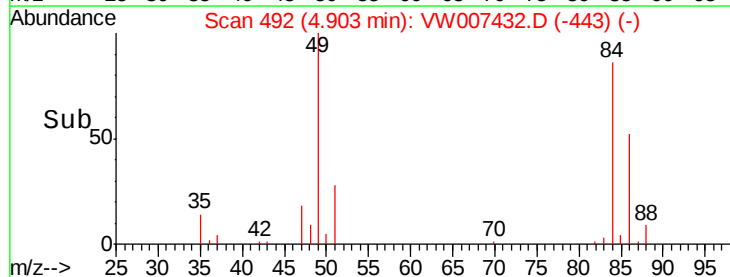
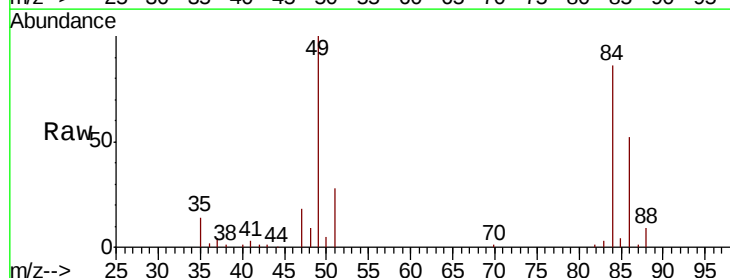
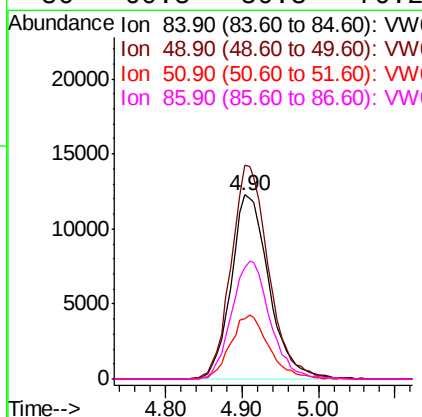
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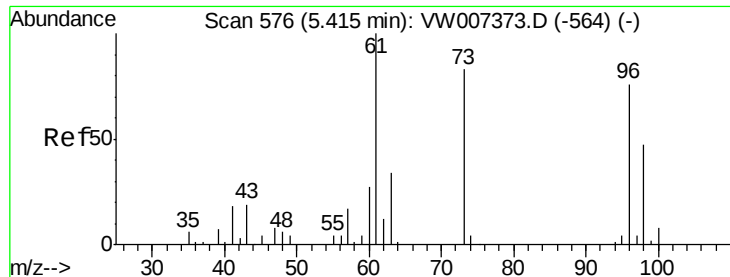
MMDadoda
12/12/2018 2:42:41 PM



#20
Methylene Chloride
Concen: 47.736 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion: 84 Resp: 42182
Ion Ratio Lower Upper
84 100
49 116.2 87.1 130.7
51 32.5 28.2 42.2
86 60.5 50.8 76.2





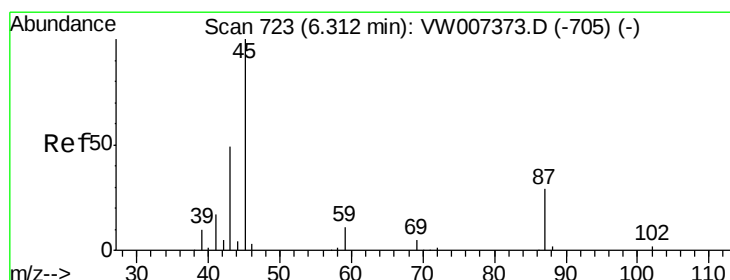
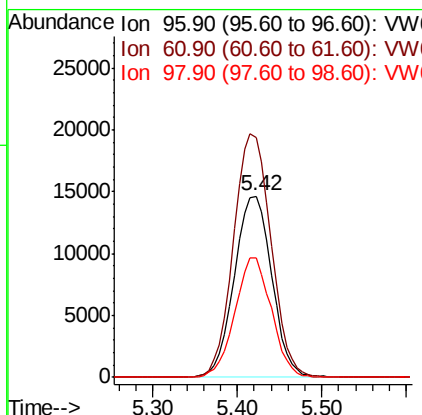
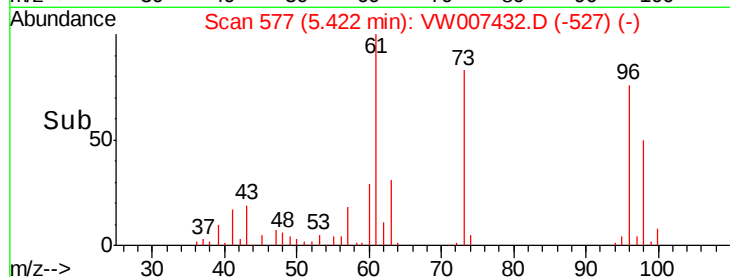
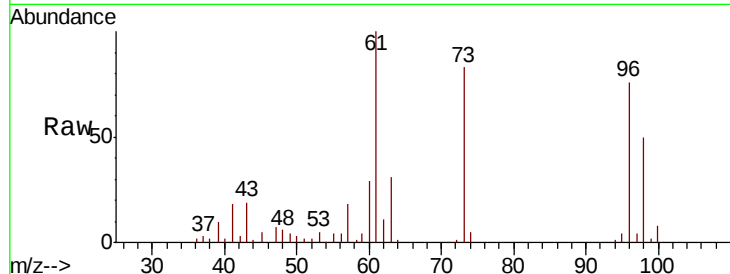
#21
trans-1,2-Dichloroethene
Concen: 48.564 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.2	105.0	157.6
98	65.5	49.7	74.5

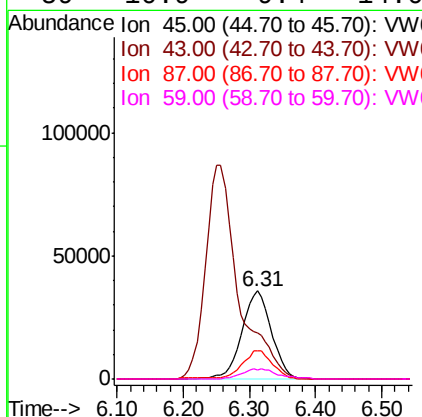
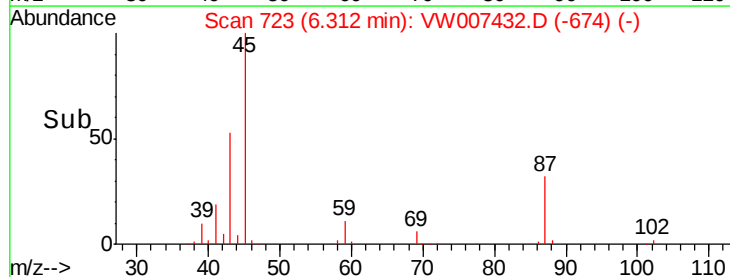
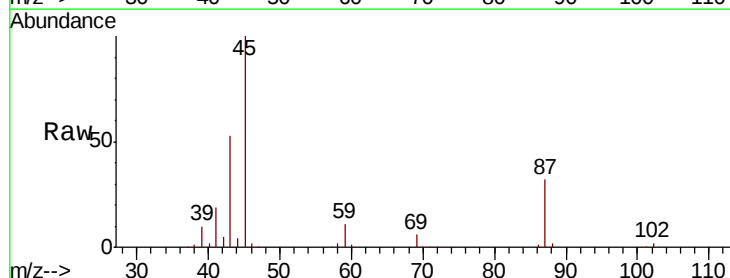
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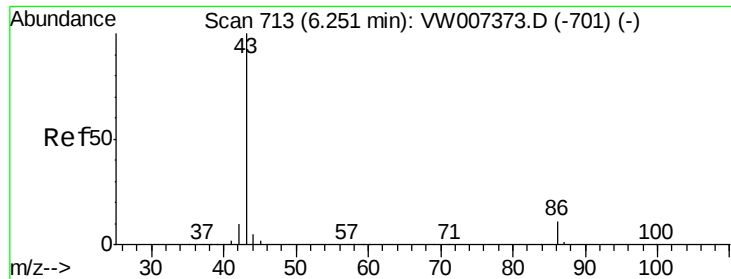
MMDadoda
12/12/2018 2:42:41 PM



#22
Diisopropyl ether
Concen: 48.206 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.6	41.6	62.4
87	32.1	24.3	36.5
59	10.9	9.4	14.0





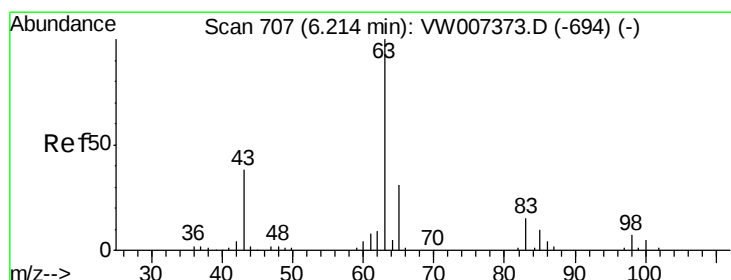
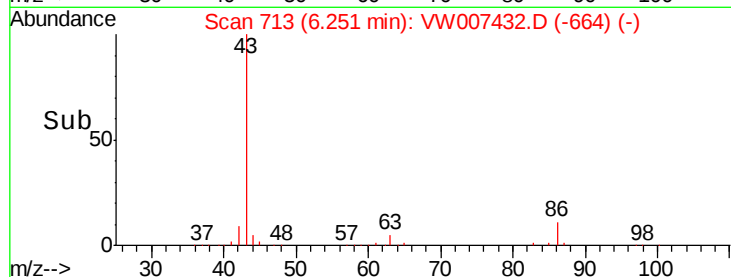
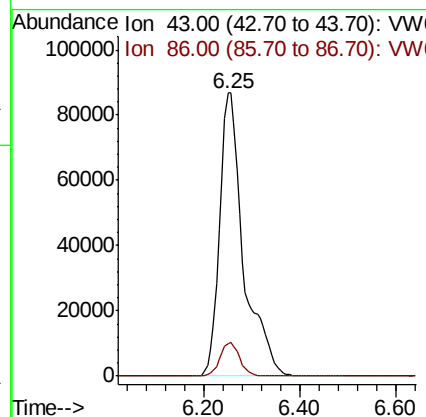
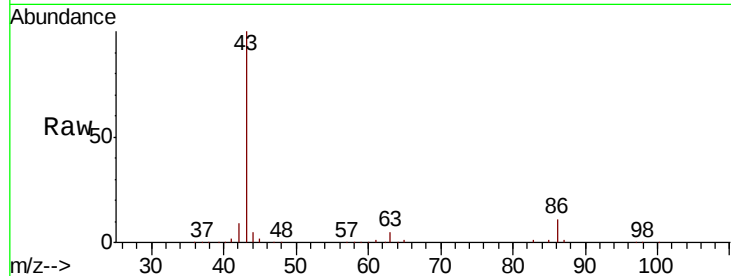
#23
 Vinyl Acetate
 Concen: 232.555 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.5	8.6	12.8

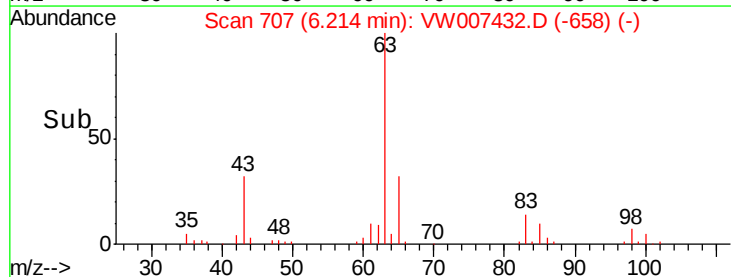
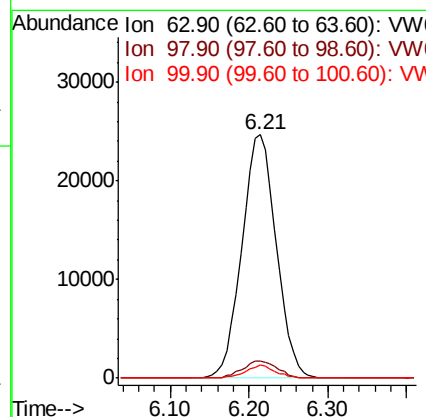
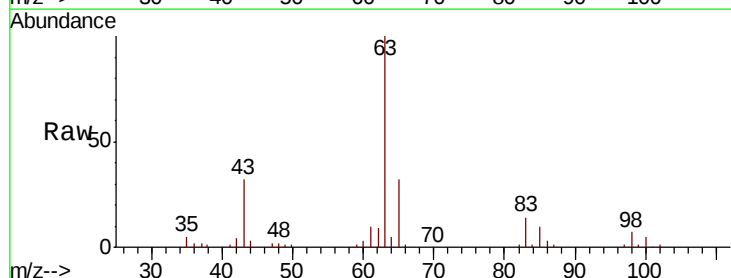
Manual Integrations
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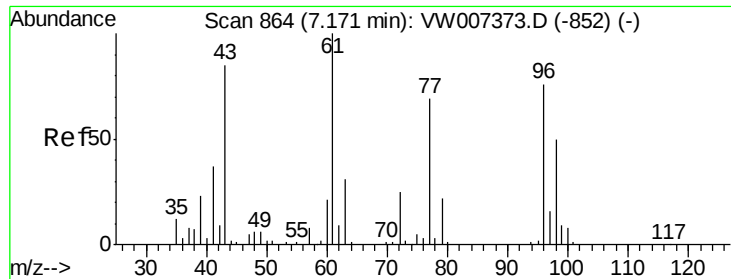
MMDadoda
 12/12/2018 2:42:41 PM



#24
 1,1-Dichloroethane
 Concen: 47.877 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.4
100	5.2	2.5	7.5





#25

2-Butanone

Concen: 228.663 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 48059

Ion Ratio Lower Upper

43 100

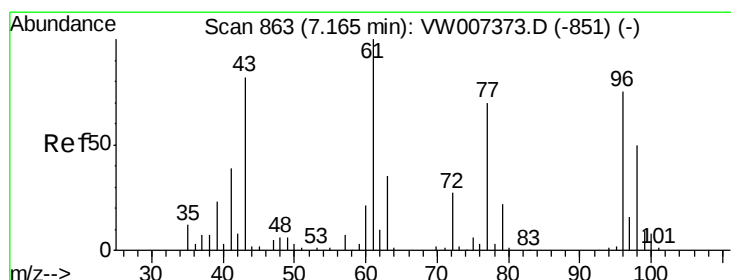
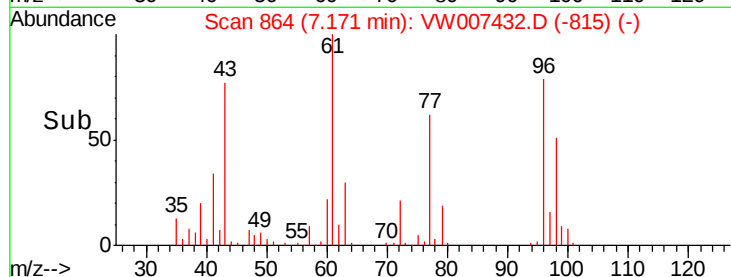
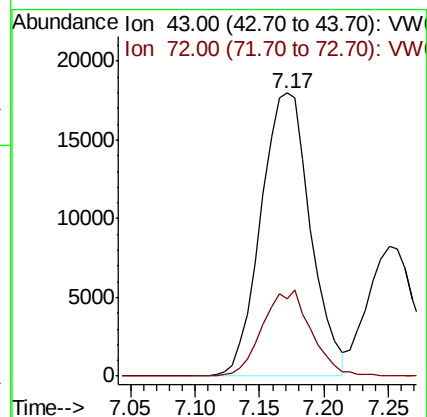
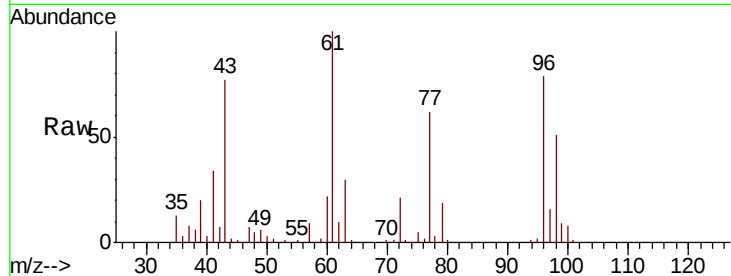
72 27.2 23.4 35.2

Manual Integrations

APPROVED

MMDadoda

12/12/2018 2:42:41 PM



#26

2,2-Dichloropropane

Concen: 43.149 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007432.D

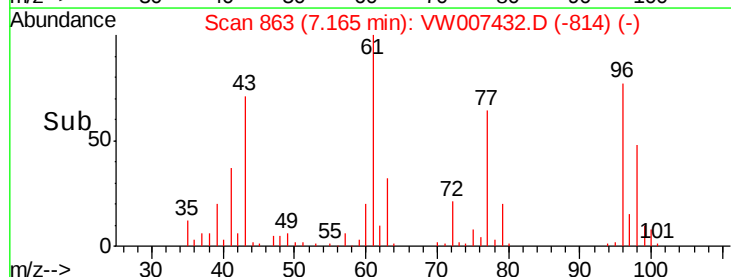
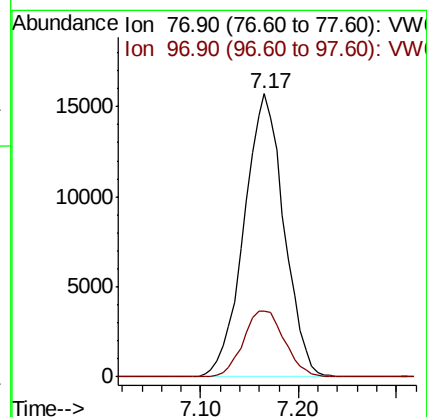
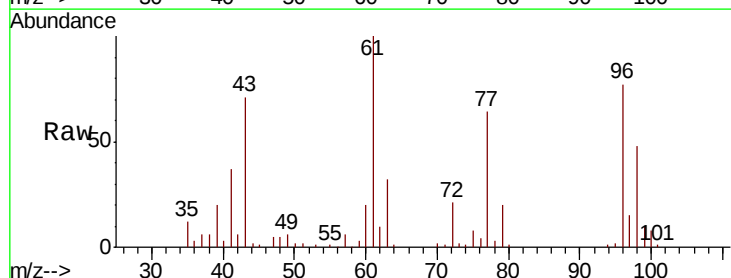
Acq: 12 Dec 2018 09:06

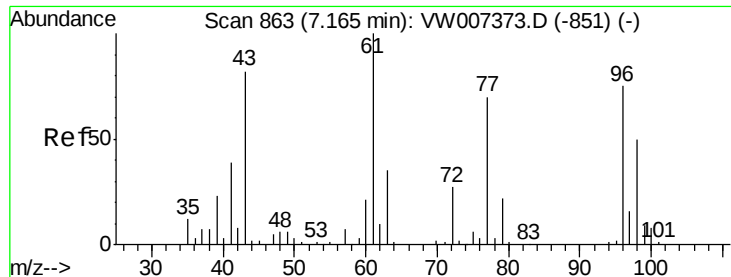
Tgt Ion: 77 Resp: 44566

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.985 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

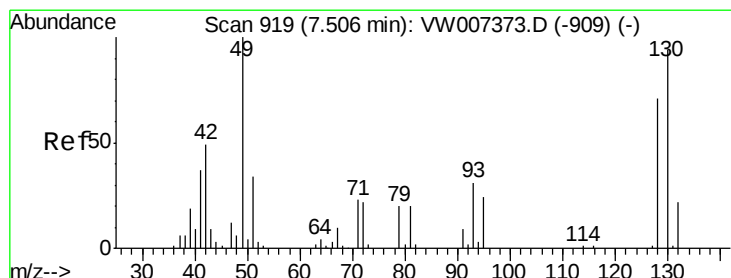
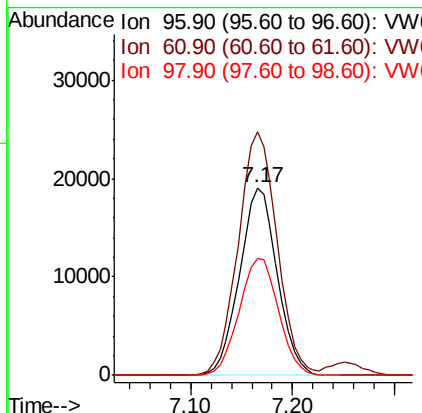
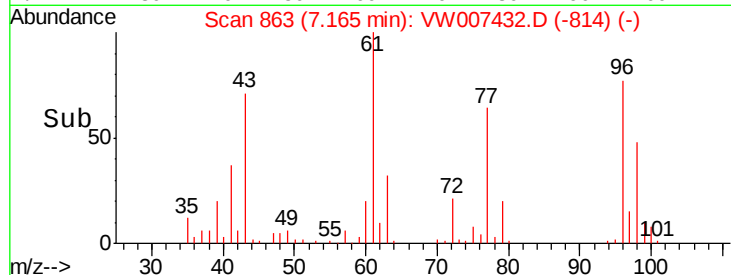
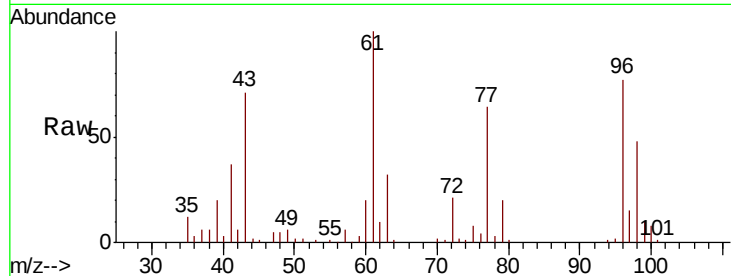
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	48899
Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	268.4
98	65.3	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 46.863 ug/l

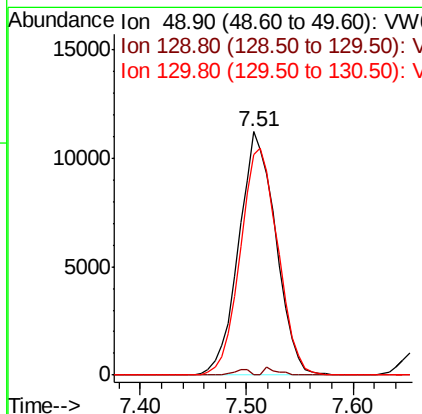
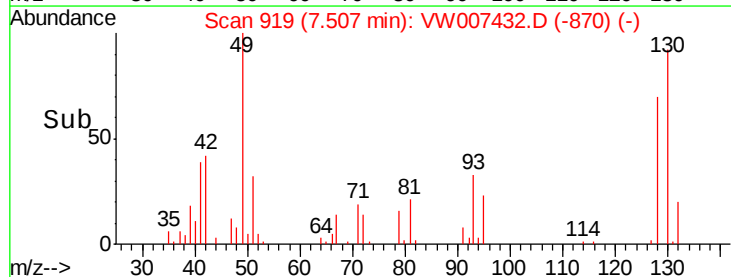
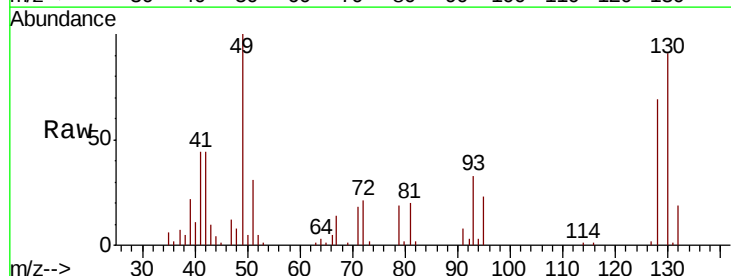
RT: 7.51 min Scan# 919

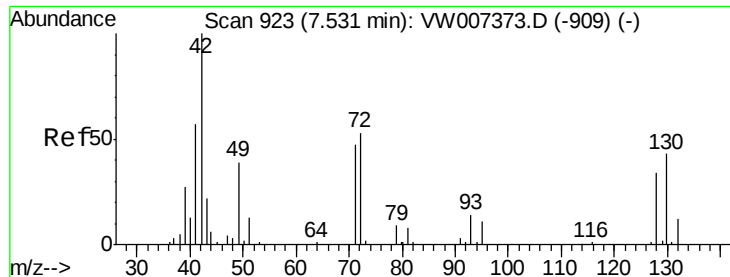
Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Tgt Ion:	49	Resp:	27509
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.6
130	94.1	75.9	113.9





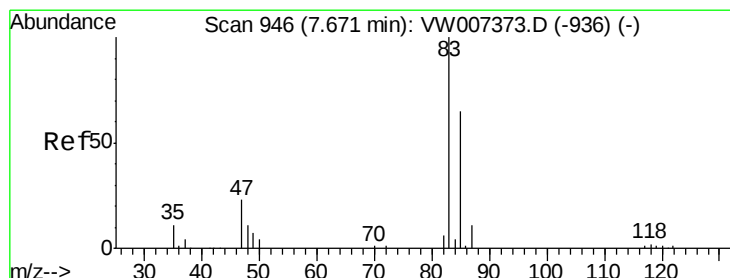
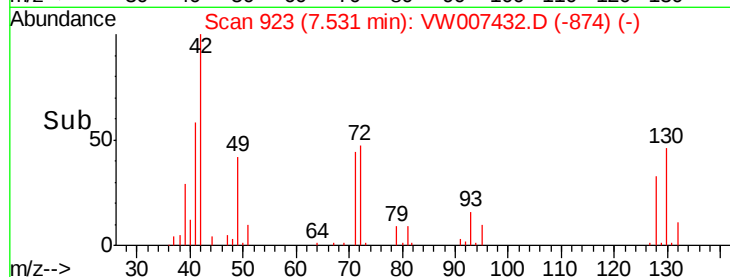
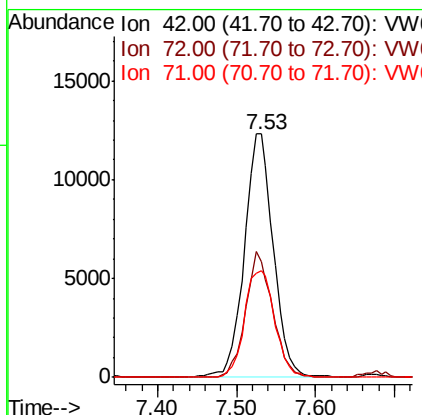
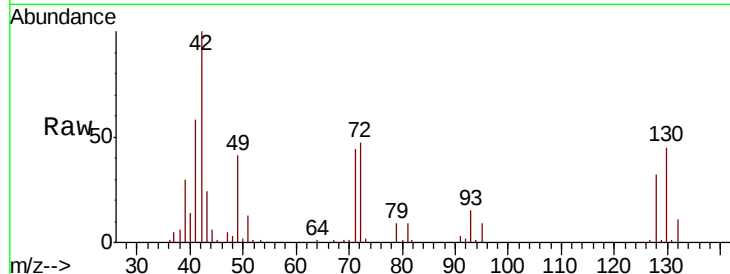
#29
Tetrahydrofuran
Concen: 235.979 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.2	57.4
71	45.7	35.5	53.3

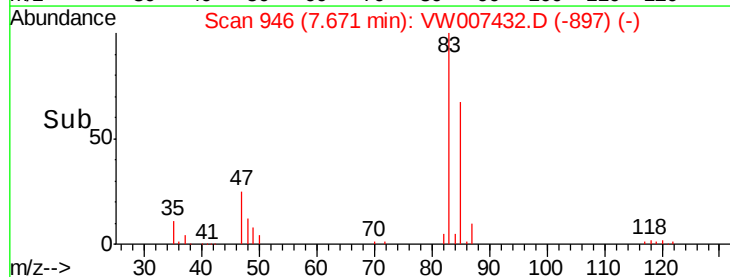
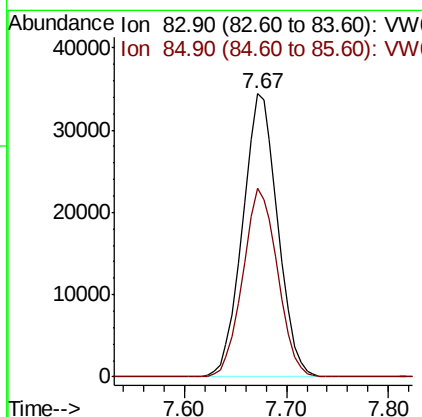
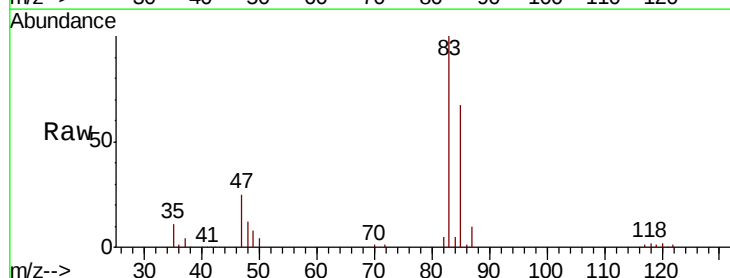
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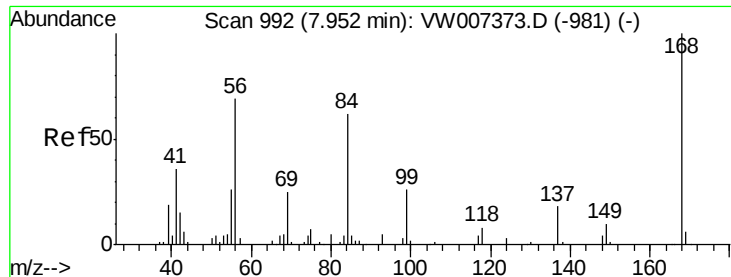
MMDadoda
12/12/2018 2:42:41 PM



#30
Chloroform
Concen: 48.453 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.8	77.8





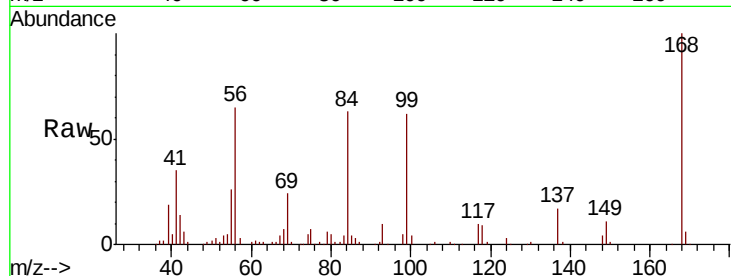
#31
Cyclohexane
Concen: 42.557 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	28.9	43.3
84	95.2	71.8	107.6

Manual Integrations
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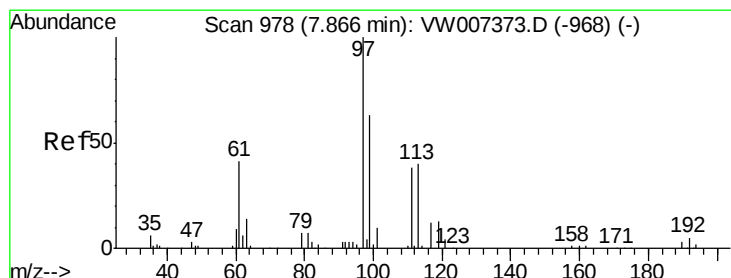
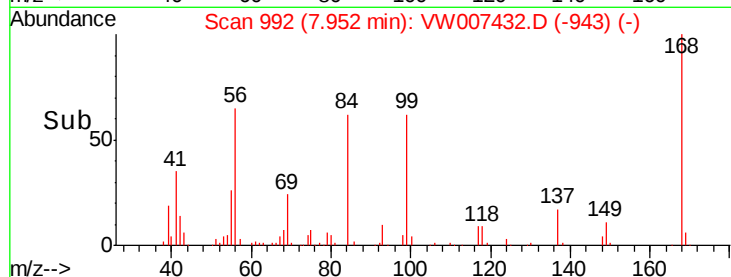
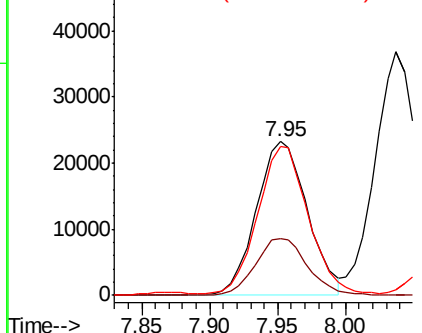


Abundance

Ion 56.00 (55.70 to 56.70): VW

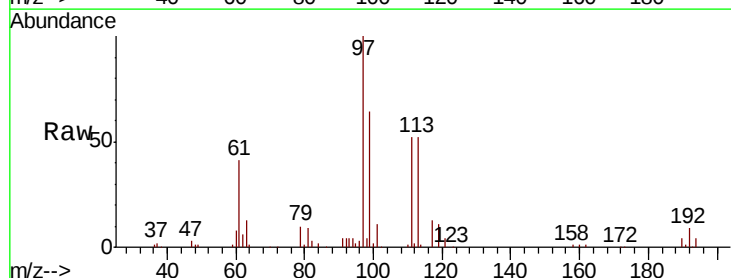
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	41.4	33.2	49.8

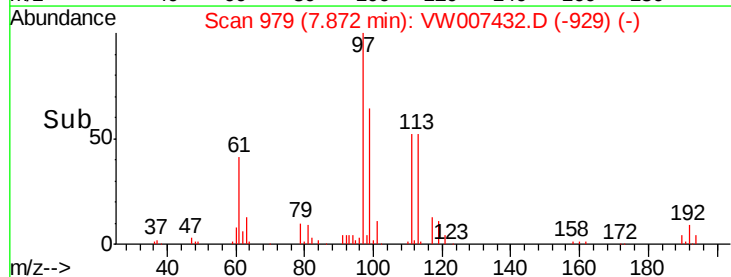
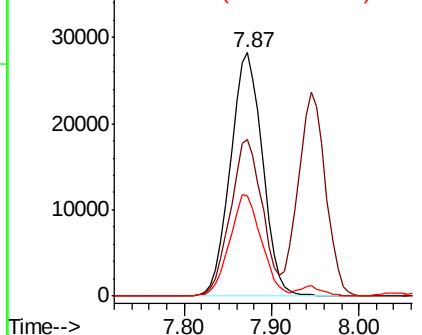


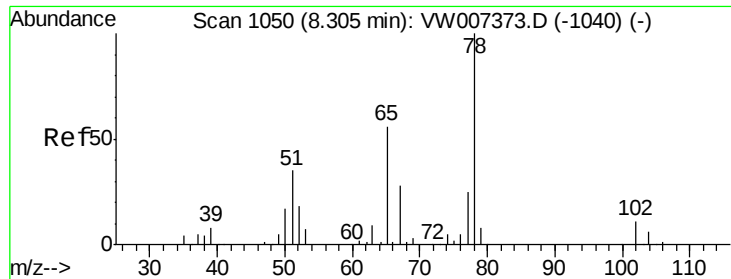
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





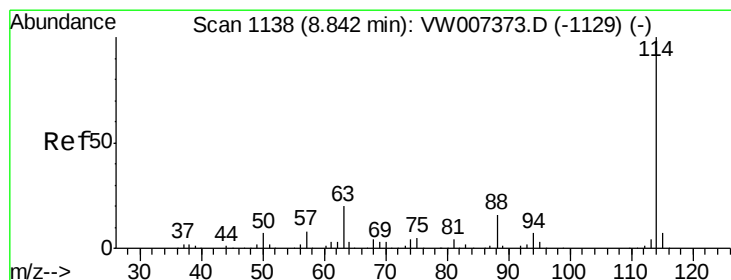
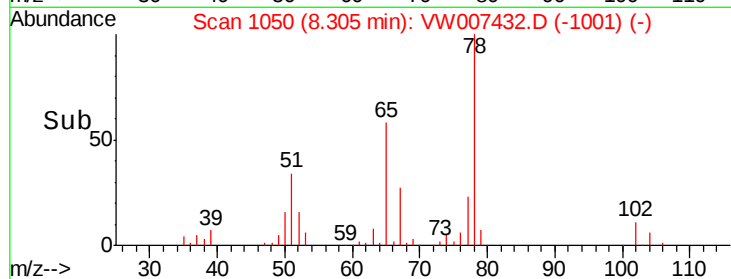
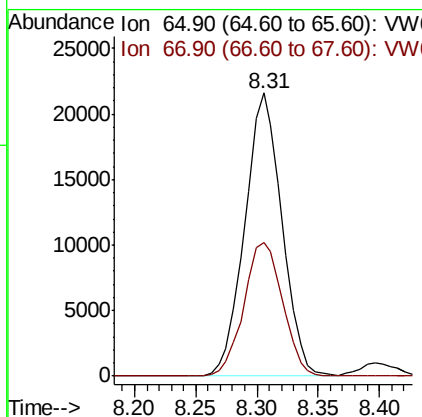
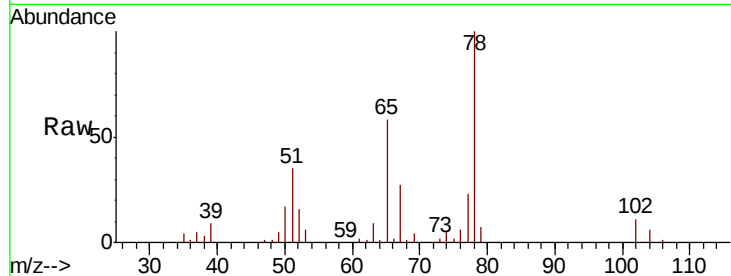
#33
 1,2-Dichloroethane-d4
 Concen: 49.577 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	45694		
67	49.2	0.0	101.6	

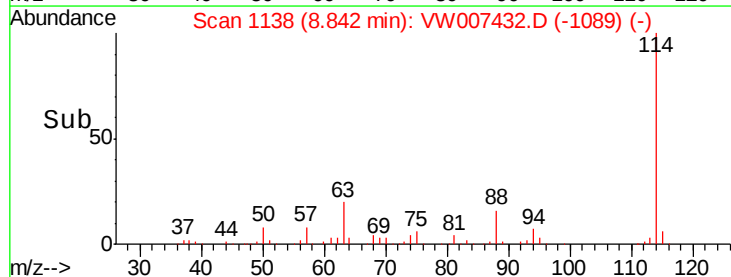
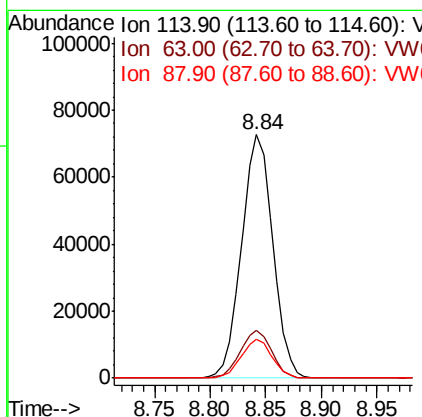
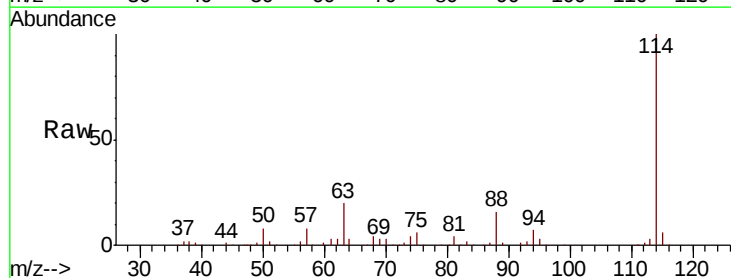
Manual Integrations
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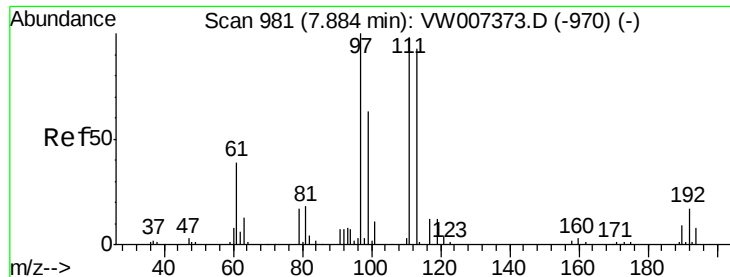
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 12/12/2018 2:42:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	141614		
63	19.9	0.0	39.6	
88	15.7	0.0	31.4	





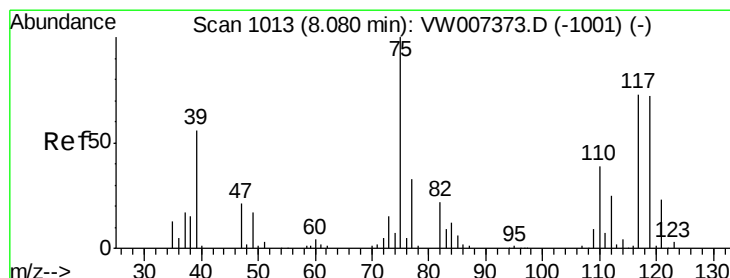
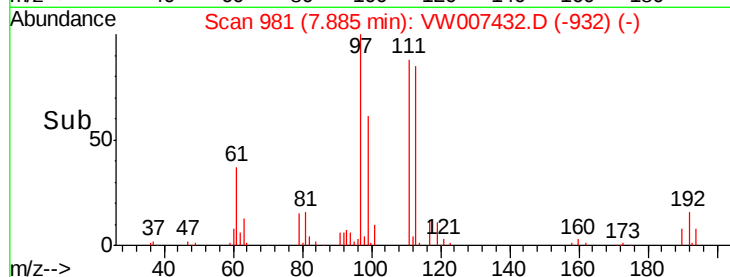
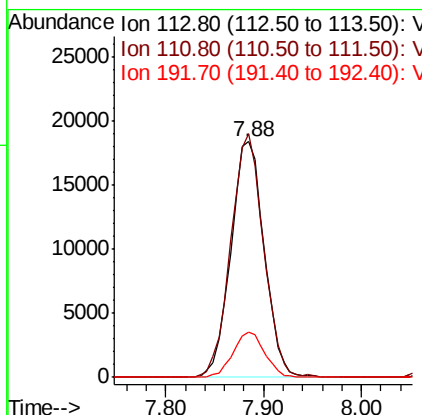
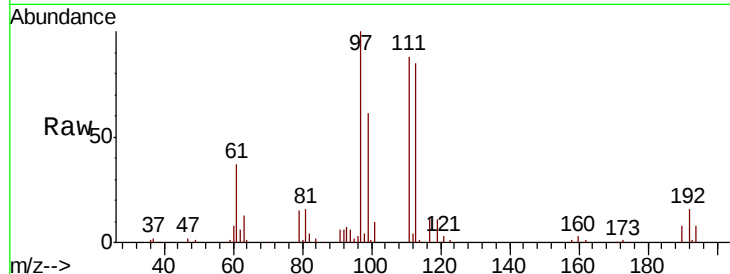
#35
Dibromofluoromethane
Concen: 50.852 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.1	121.7
192	18.3	14.6	21.8

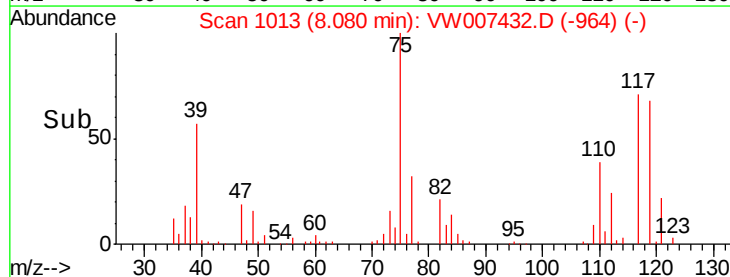
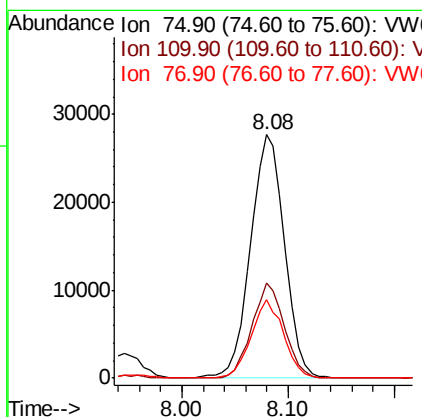
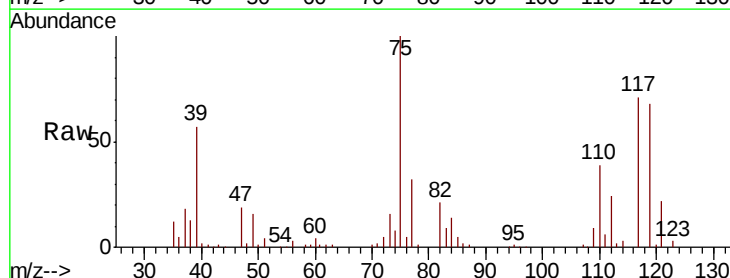
Manual Integrations
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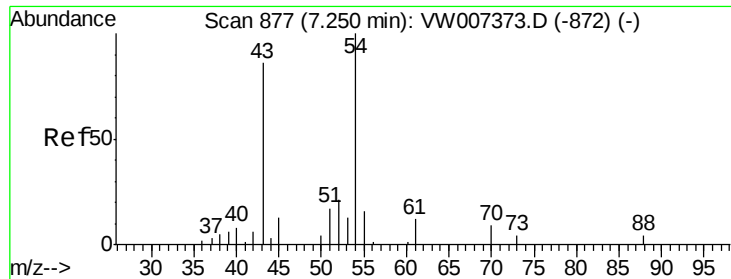
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.849 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.5	55.5
77	31.0	25.6	38.4





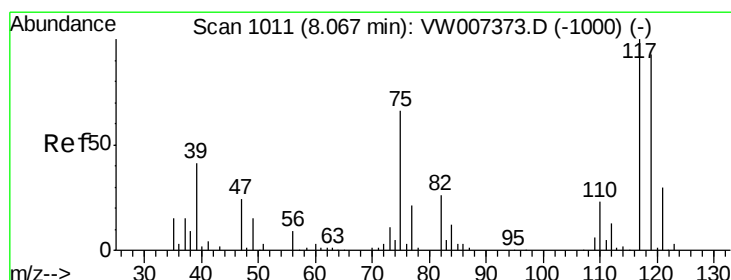
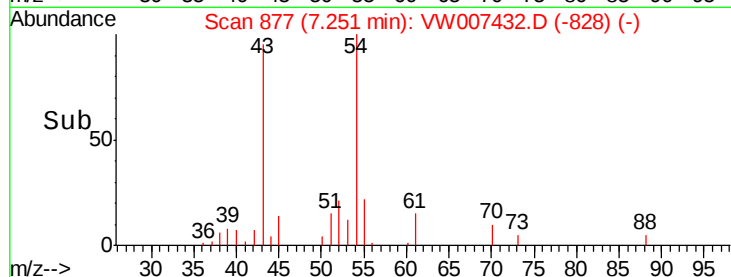
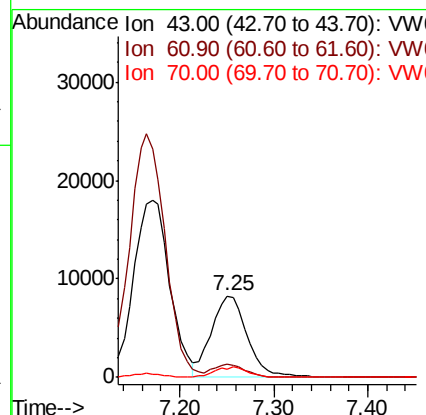
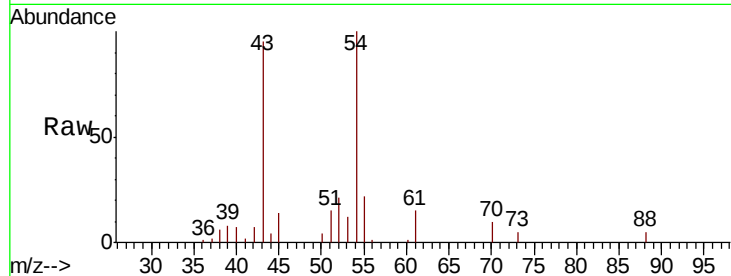
#37
Ethyl Acetate
Concen: 45.700 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	12.1	10.0	15.0

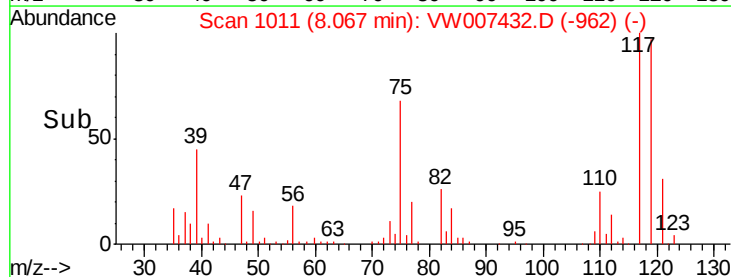
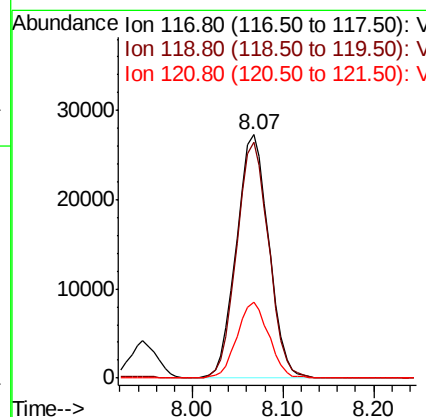
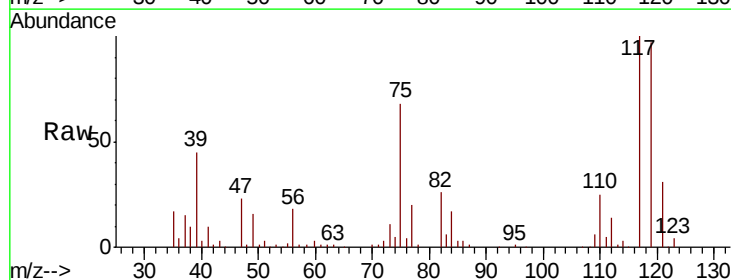
Manual Integrations
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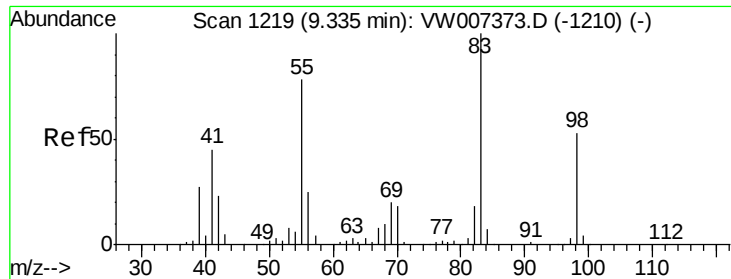
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#38
Carbon Tetrachloride
Concen: 48.227 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.3	111.5
121	31.3	24.3	36.5





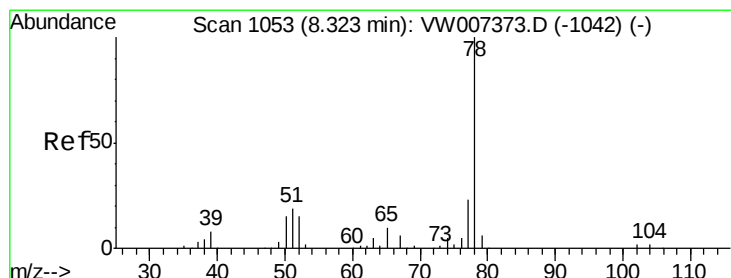
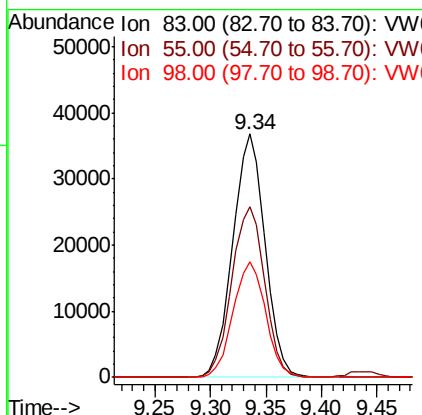
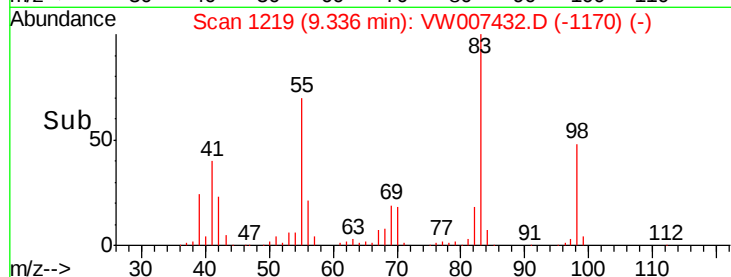
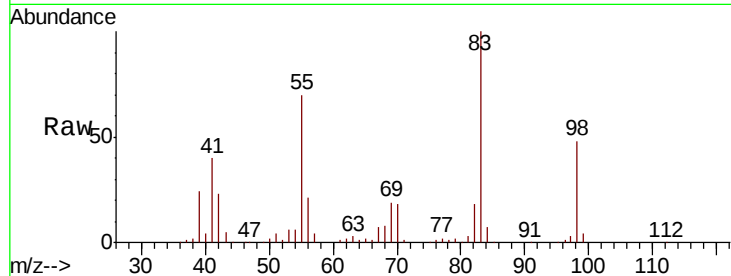
#39
Methvlcvclohexane
Concen: 47.283 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	62.8	94.2
98	47.6	42.2	63.2

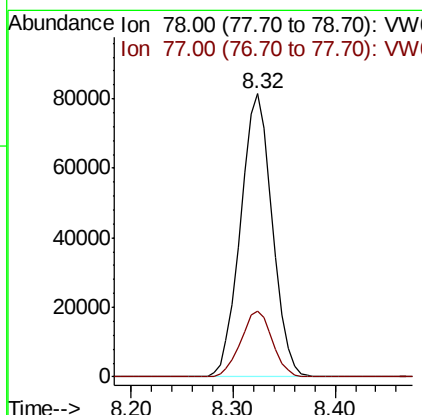
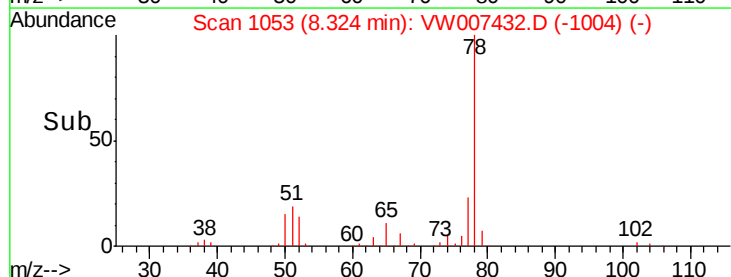
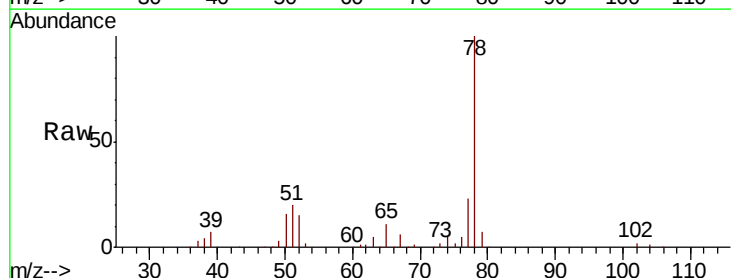
Manual Integrations
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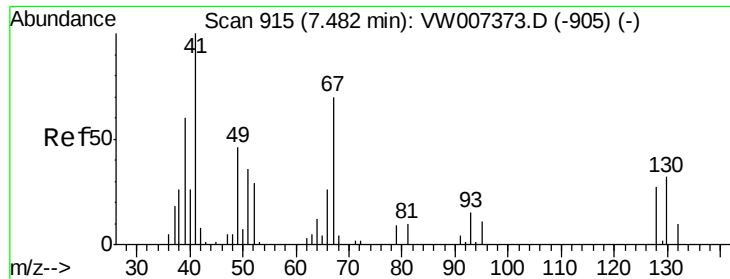
MMDadoda
12/12/2018 2:42:41 PM



#40
Benzene
Concen: 49.073 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





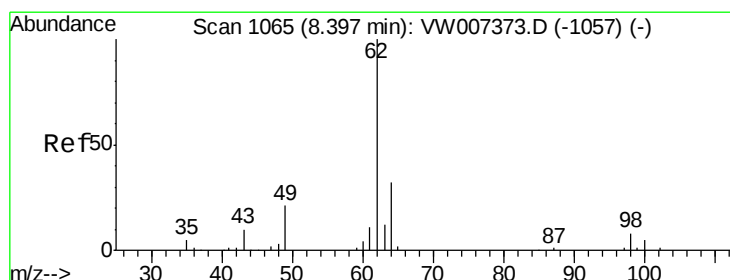
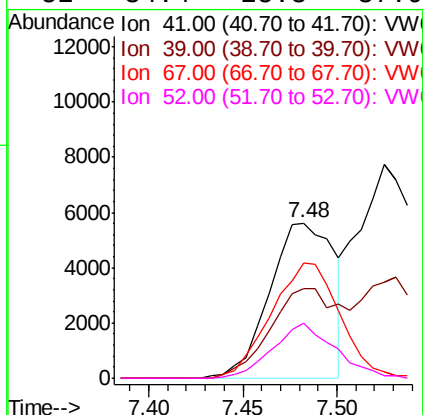
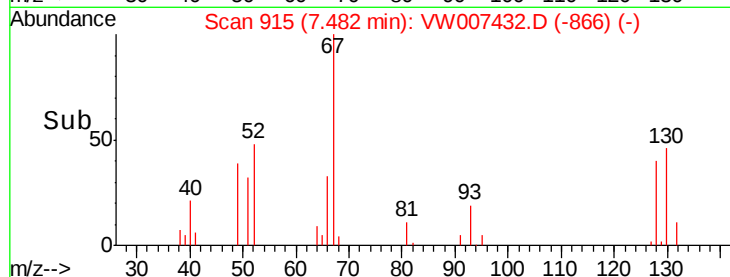
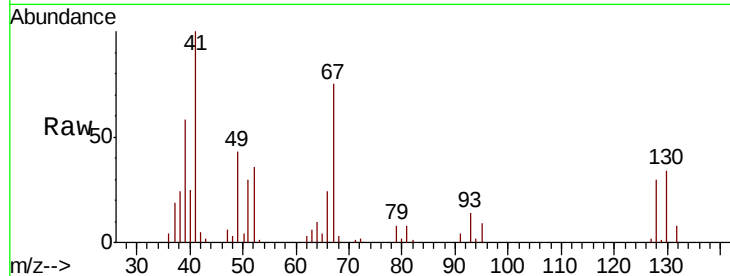
#41
Methacrylonitrile
Concen: 48.930 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	13388
Ion	Ratio	Lower	Upper
41	100		
39	64.2	52.2	78.2
67	79.0	60.5	90.7
52	34.4	25.3	37.9

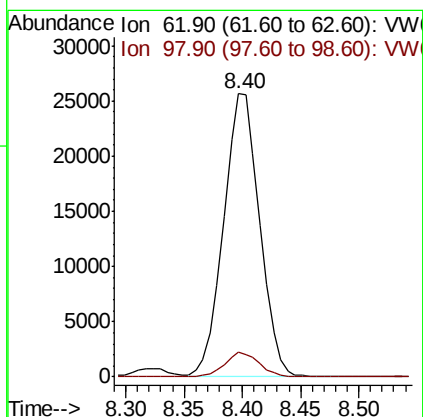
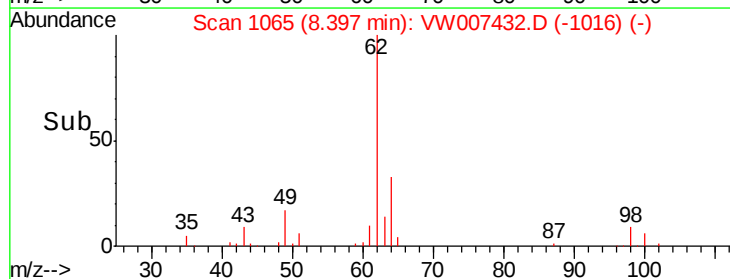
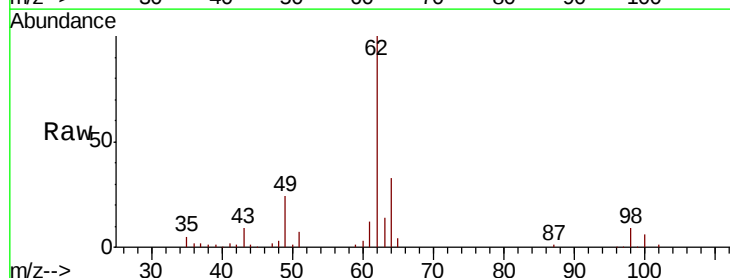
Manual Integrations
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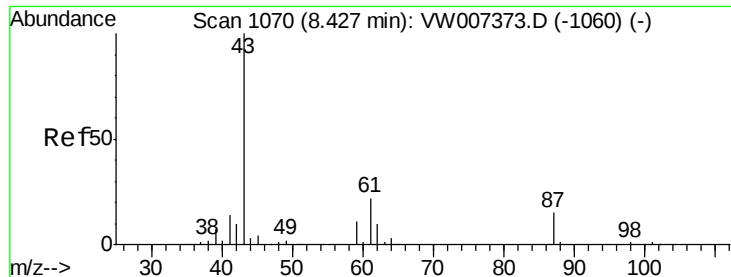
MMDadoda
12/12/2018 2:42:41 PM



#42
1,2-Dichloroethane
Concen: 48.969 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion:	62	Resp:	55148
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 46.718 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

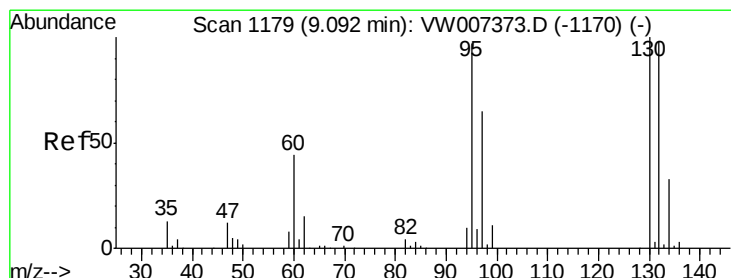
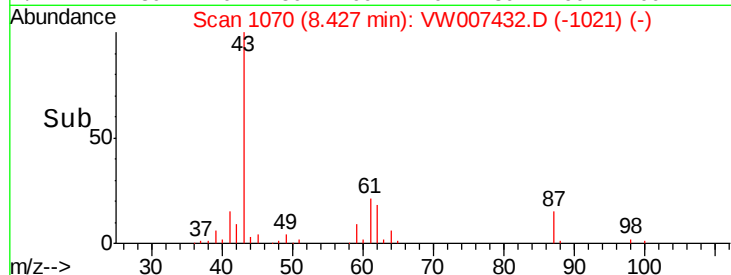
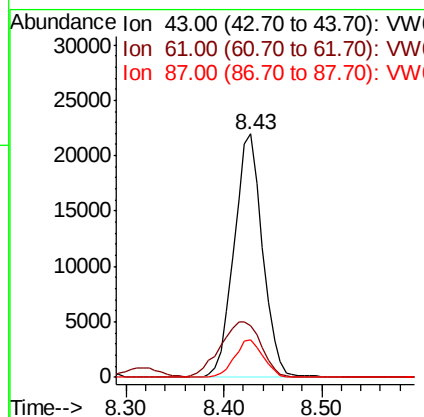
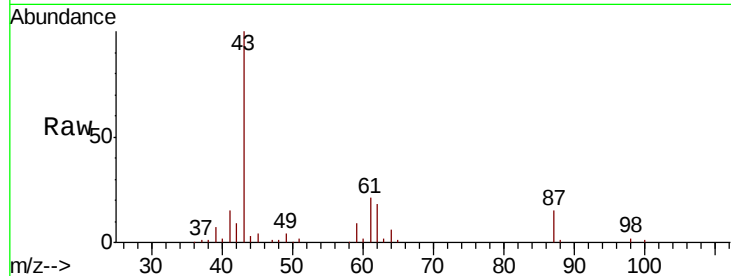
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	44340
Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.3	37.9
87	15.4	11.8	17.8

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#44

Trichloroethene

Concen: 49.236 ug/l

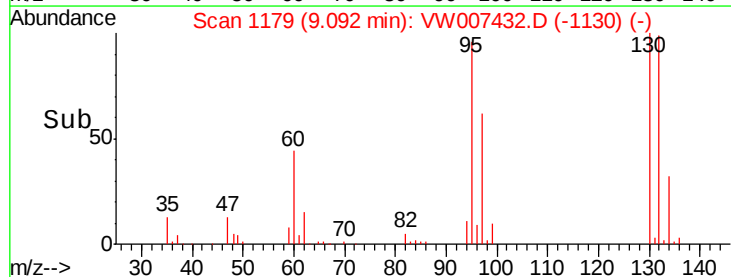
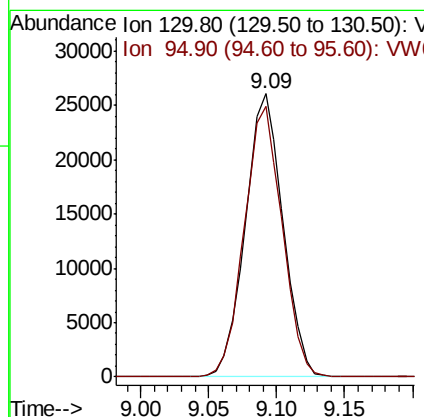
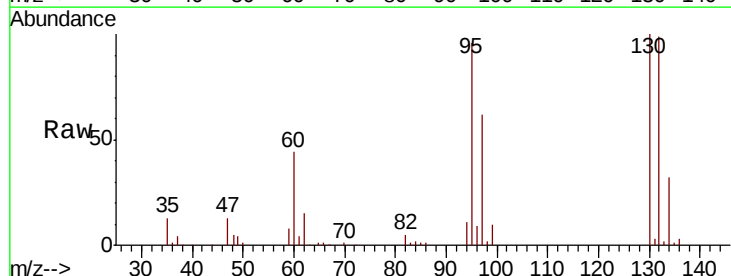
RT: 9.09 min Scan# 1179

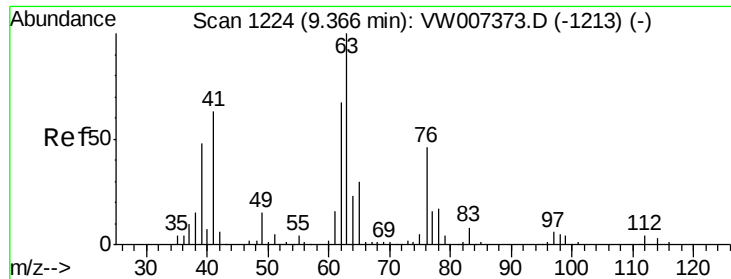
Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Tgt Ion:	130	Resp:	50406
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	193.2





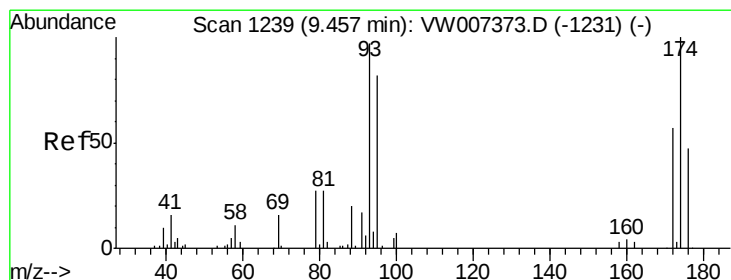
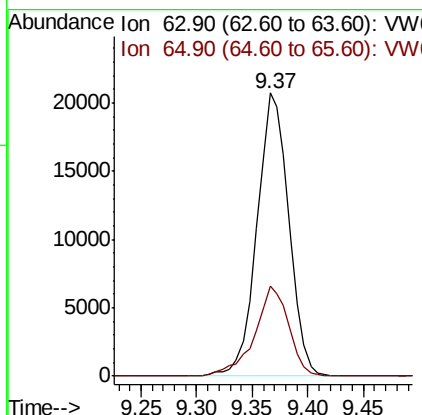
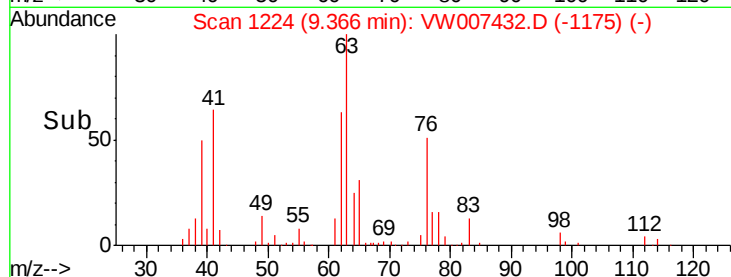
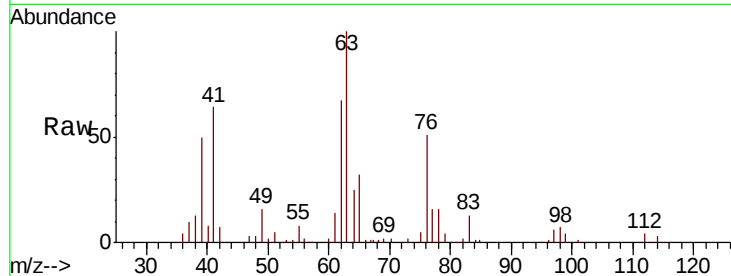
#45
 1,2-Dichloropropane
 Concen: 49.741 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 41267
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6

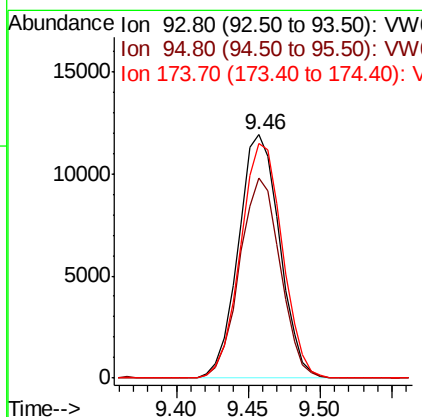
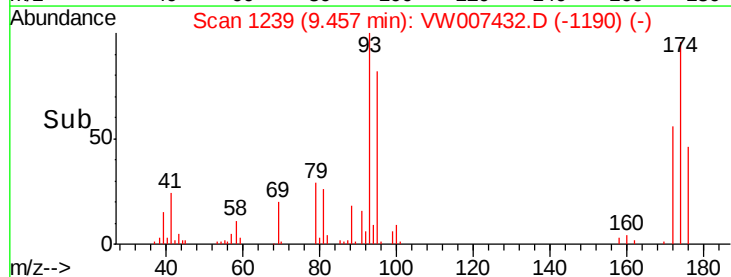
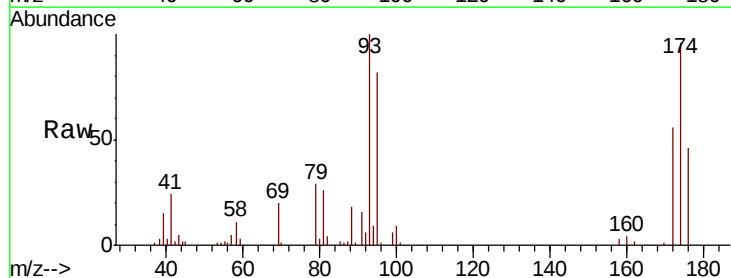
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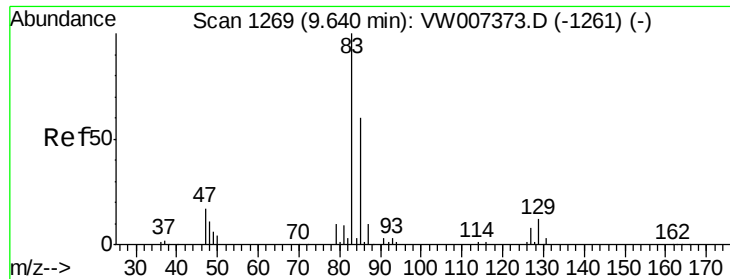
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#46
 Dibromomethane
 Concen: 50.087 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion: 93 Resp: 23598
 Ion Ratio Lower Upper
 93 100
 95 81.1 68.0 102.0
 174 97.7 83.2 124.8





#47

Bromodichloromethane

Concen: 49.833 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

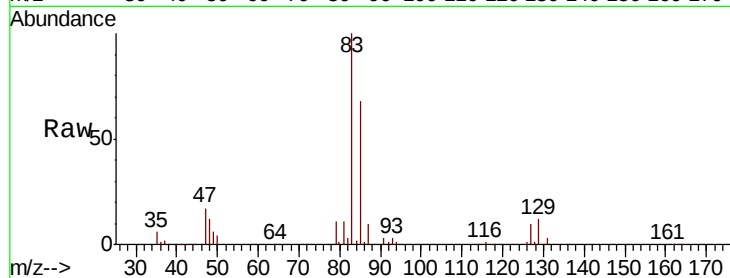
ClientSampleId :

VSTDCCC050EC

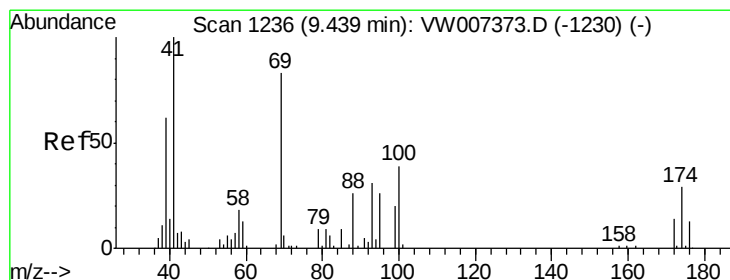
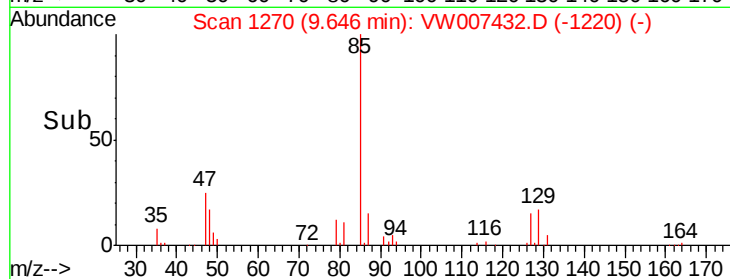
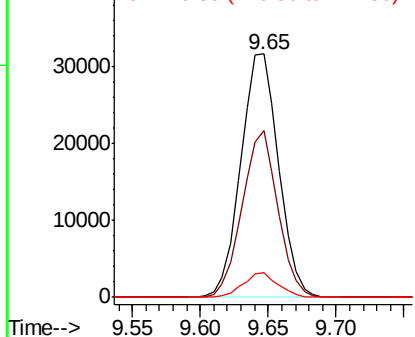
Tot Ion:	83	Resp:	61584
Ion Ratio	Lower	Upper	
83	100		
85	68.3	47.6	71.4
127	10.2	6.7	10.1#

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.430 ug/l

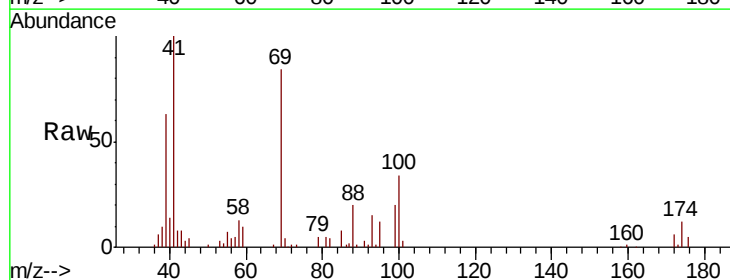
RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

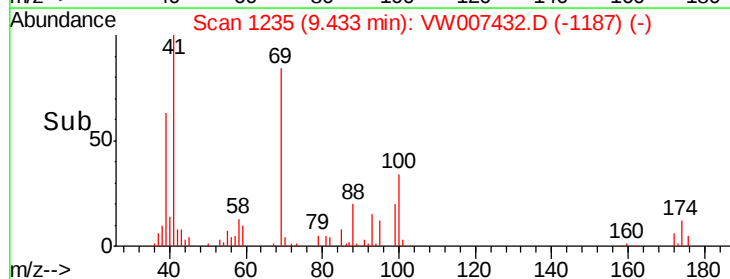
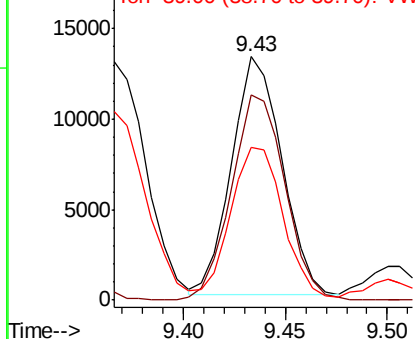
Lab File: VW007432.D

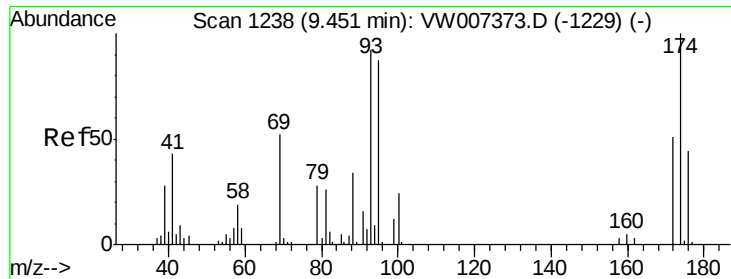
Acq: 12 Dec 2018 09:06

Tgt Ion:	41	Resp:	22632
Ion Ratio	Lower	Upper	
41	100		
69	91.6	69.8	104.8
39	67.9	50.9	76.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





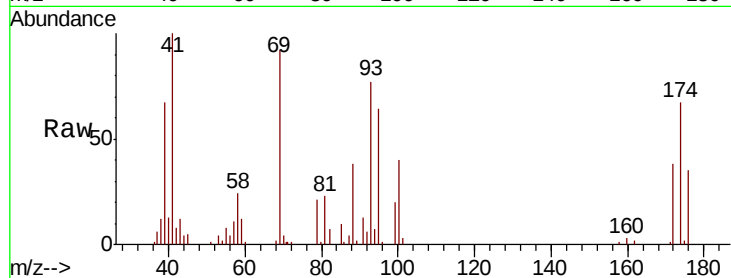
#49
1,4-Dioxane
Concen: 960.030 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

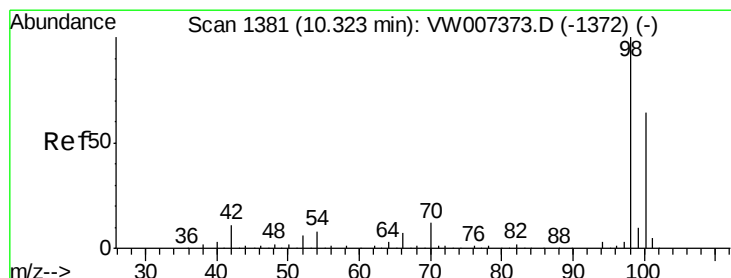
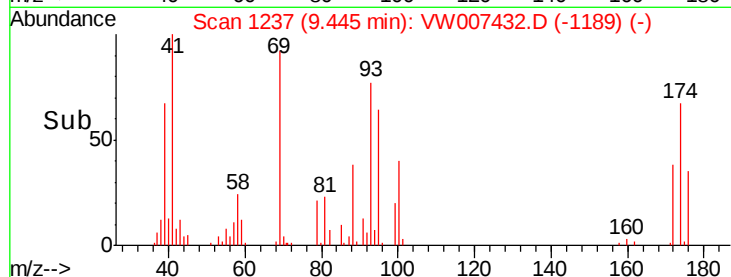
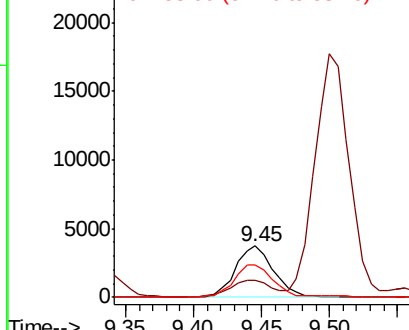
Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	25.0	37.4
58	65.8	51.4	77.2

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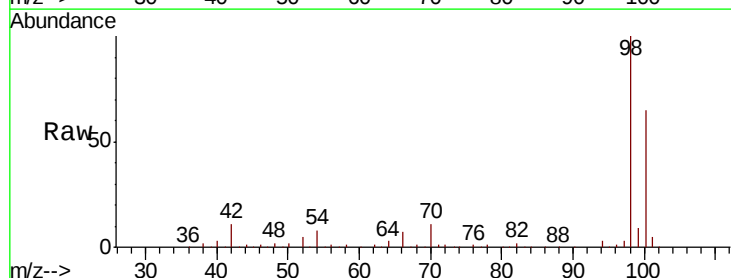


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

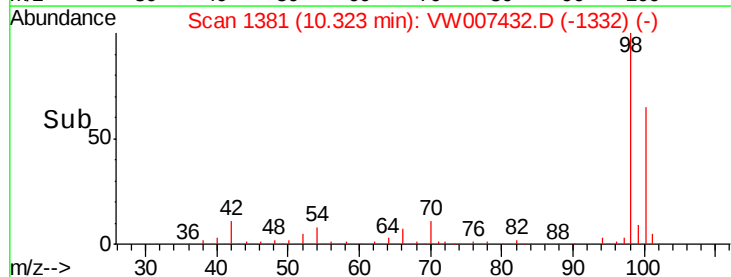
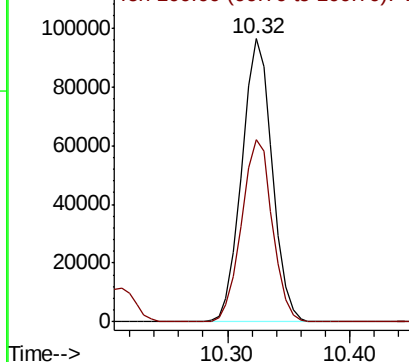


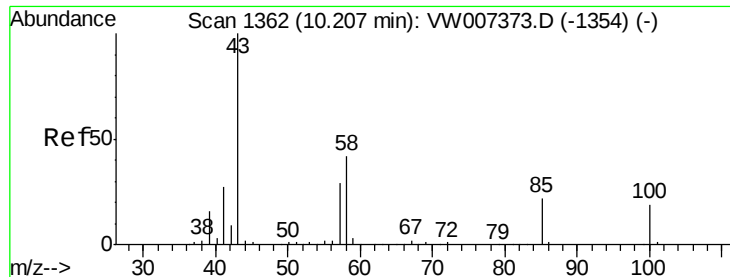
#50
Toluene-d8
Concen: 51.640 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	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: 242.581 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 108786

Ion Ratio Lower Upper

43 100

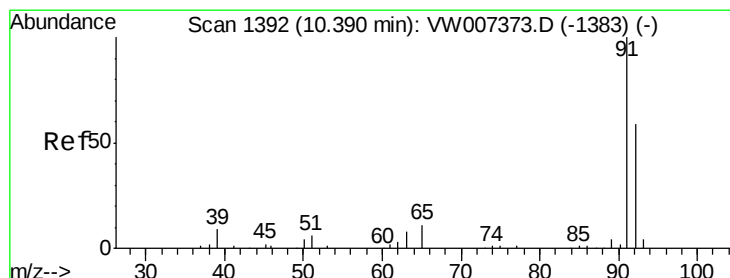
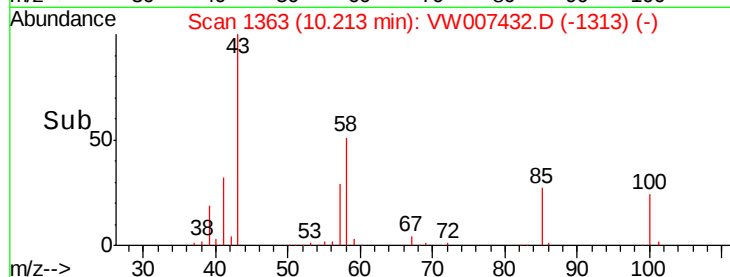
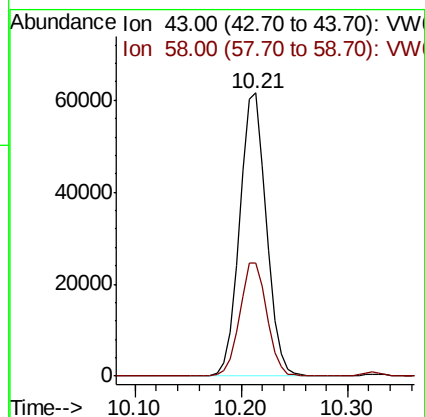
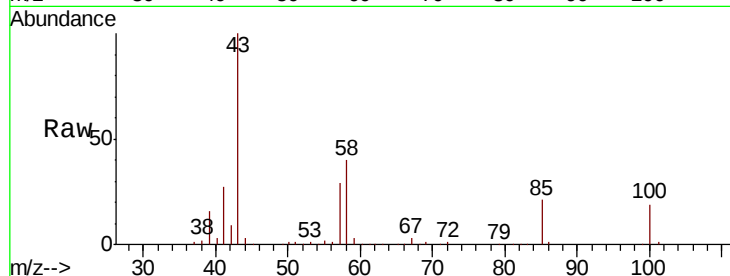
58 40.6 33.1 49.7

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#52

Toluene

Concen: 50.054 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007432.D

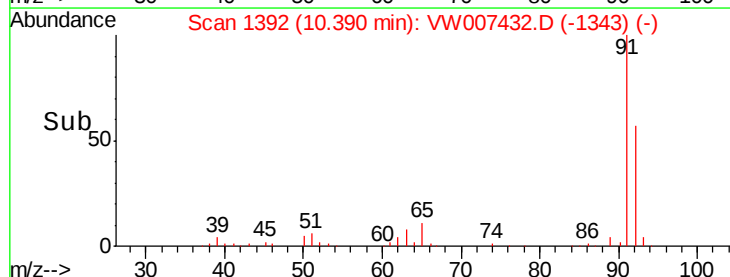
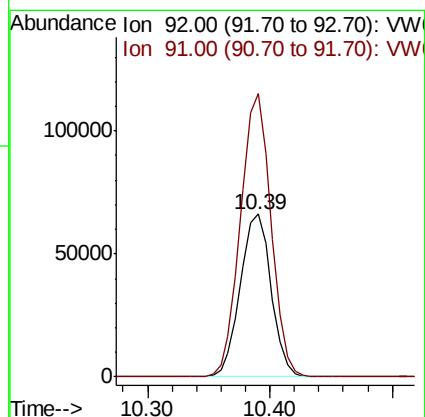
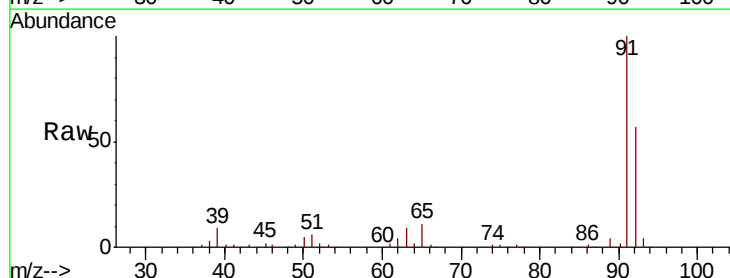
Acq: 12 Dec 2018 09:06

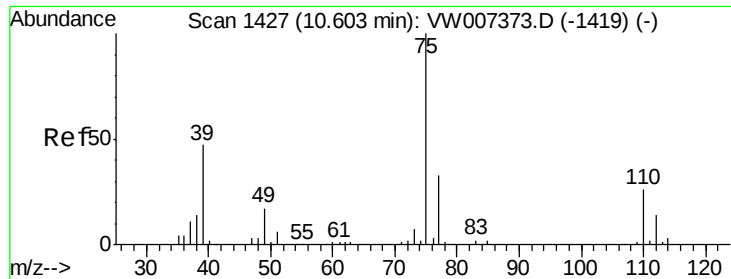
Tgt Ion: 92 Resp: 116129

Ion Ratio Lower Upper

92 100

91 171.7 136.2 204.2





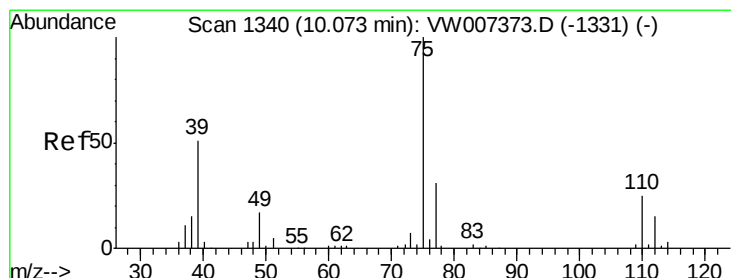
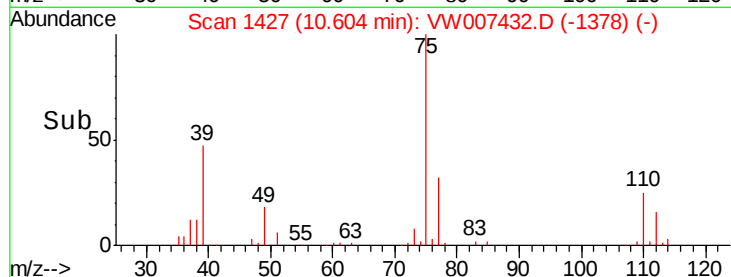
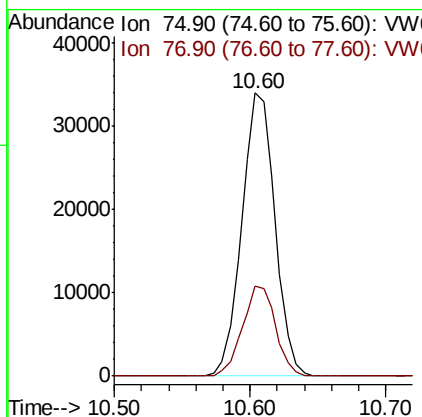
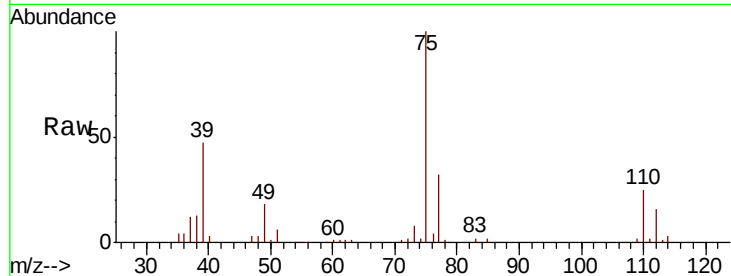
#53
t-1,3-Dichloropropene
Concen: 48.216 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 57847
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4

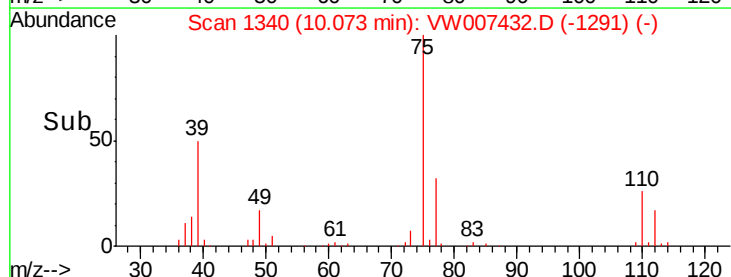
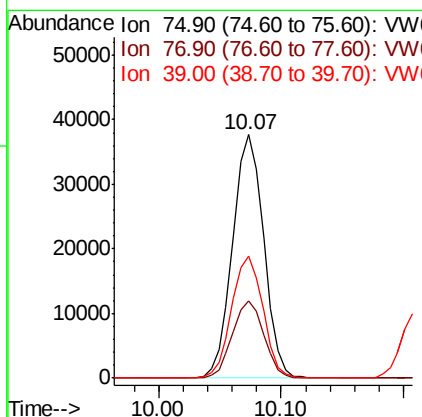
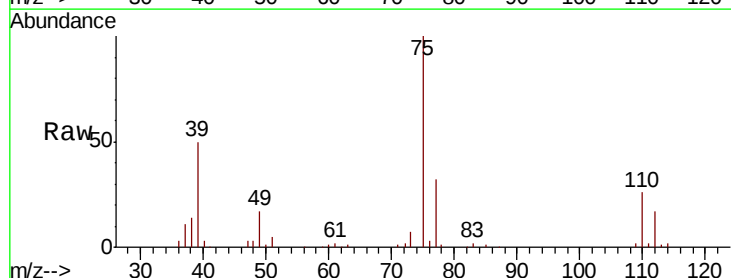
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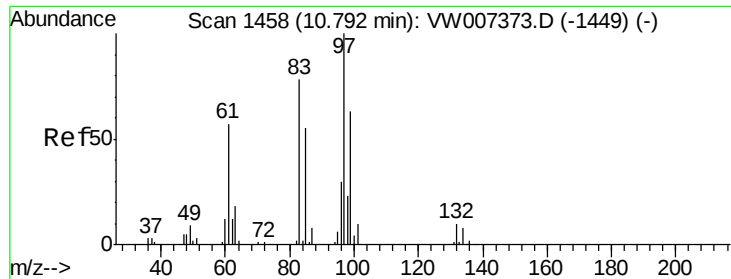
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#54
cis-1,3-Dichloropropene
Concen: 47.800 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion: 75 Resp: 66296
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 49.9 40.9 61.3





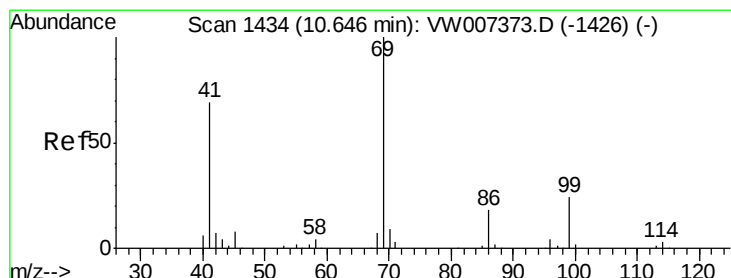
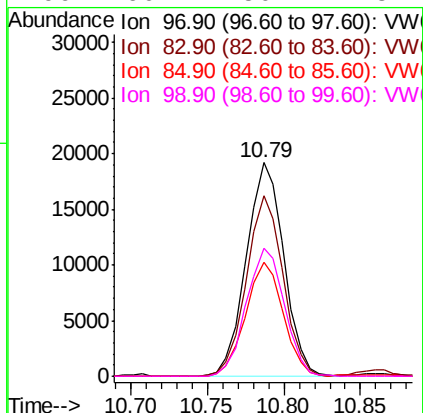
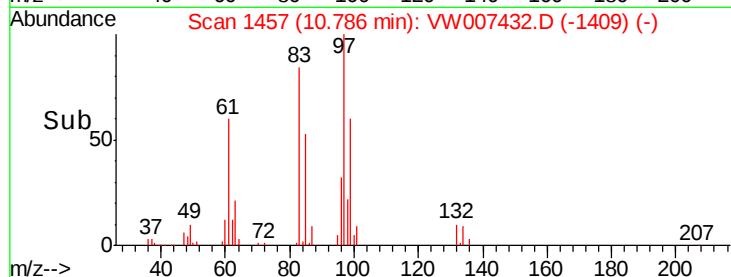
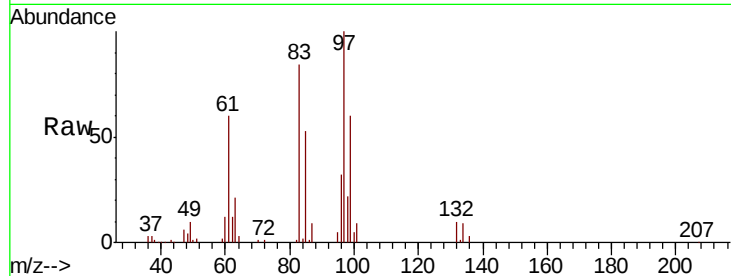
#55
 1,1,2-Trichloroethane
 Concen: 51.115 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	32776
Ion	Ratio	Lower	Upper
97	100		
83	84.3	62.1	93.1
85	53.2	44.2	66.4
99	60.2	50.2	75.4

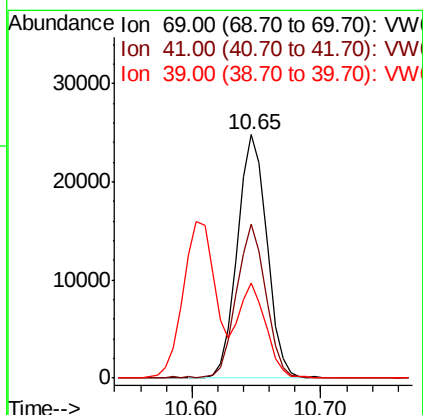
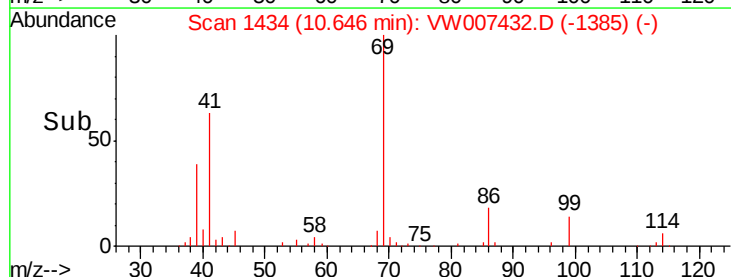
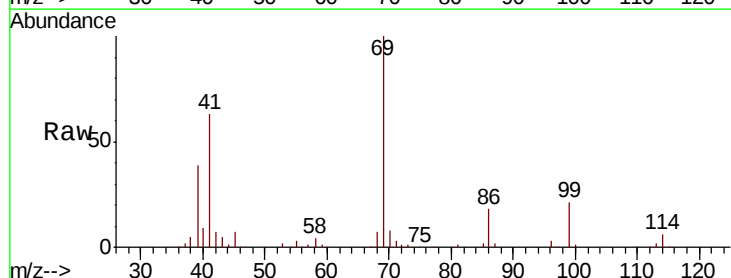
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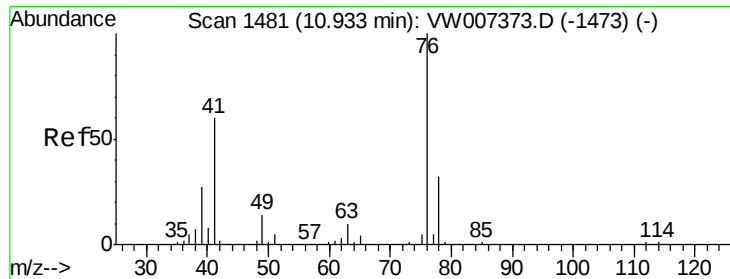
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#56
 Ethyl methacrylate
 Concen: 51.156 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion:	69	Resp:	39427
Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.0	76.6
39	36.6	30.8	46.2





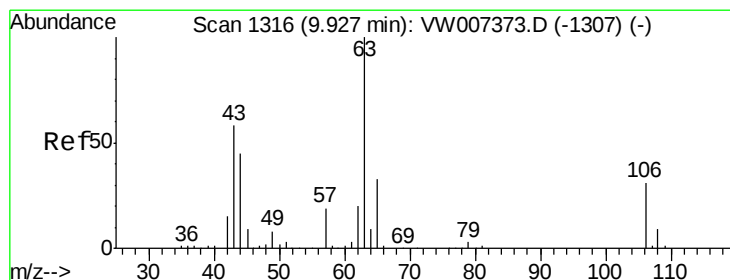
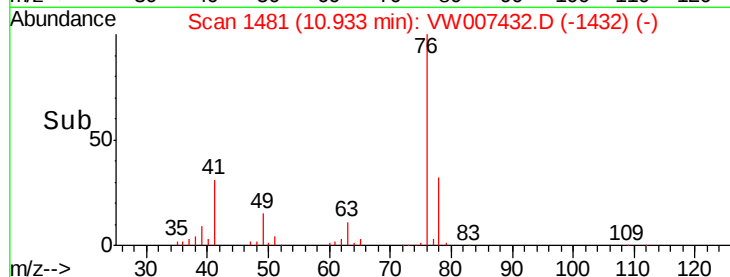
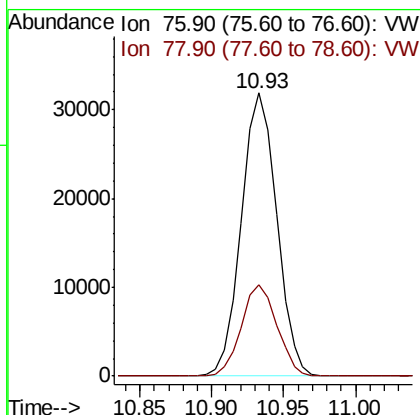
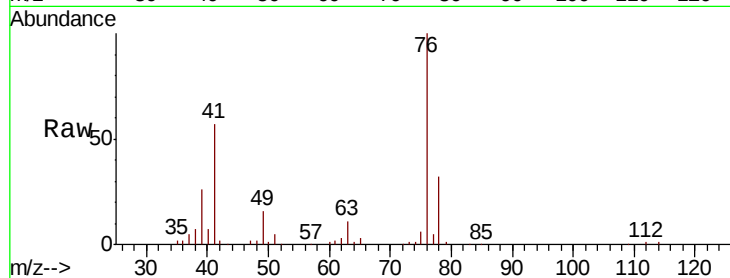
#57
 1,3-Dichloropropane
 Concen: 51.595 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 54302
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4

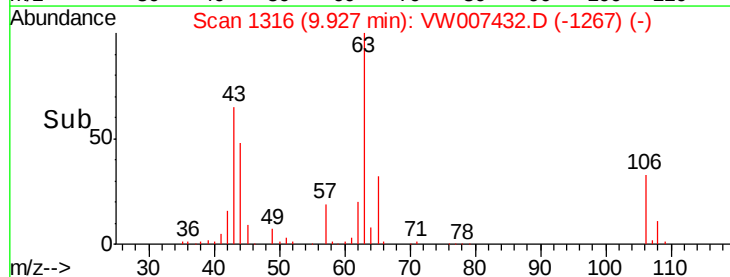
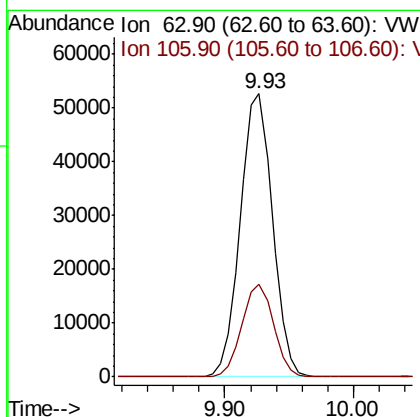
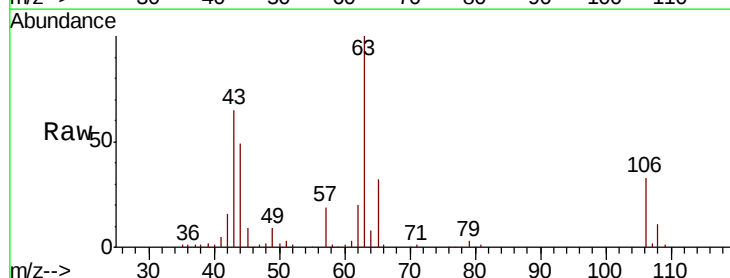
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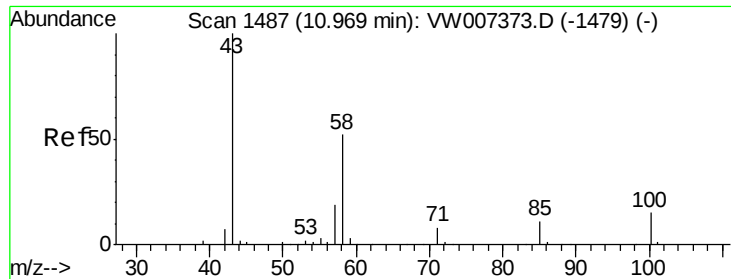
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.029 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion: 63 Resp: 90997
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.0 37.6





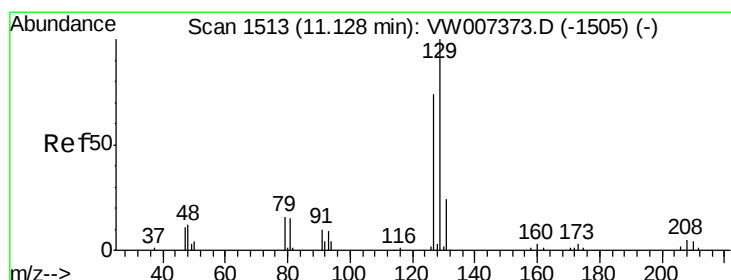
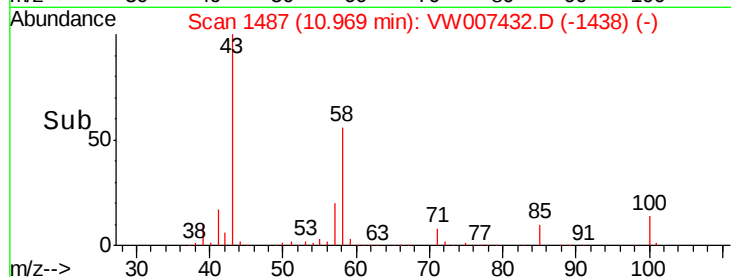
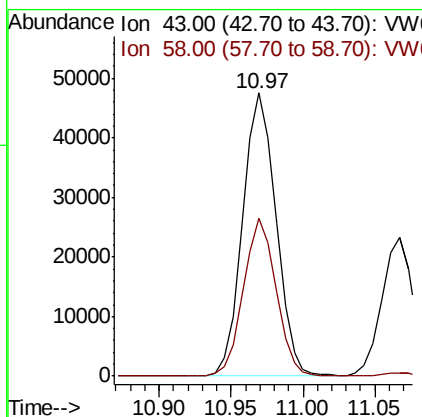
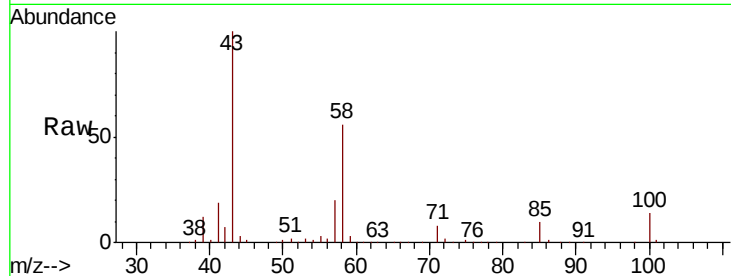
#59
2-Hexanone
Concen: 254.996 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 76251
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3

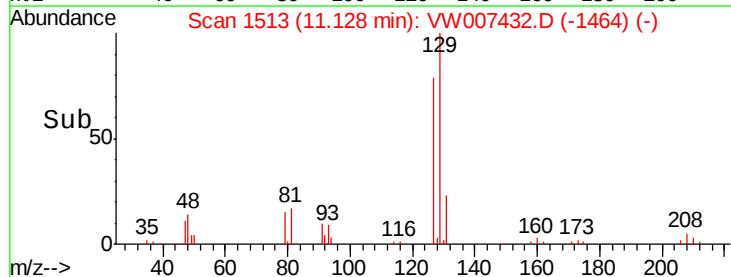
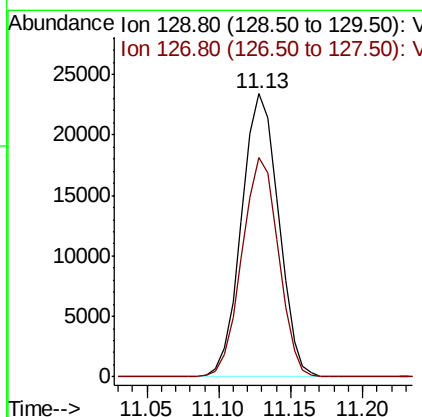
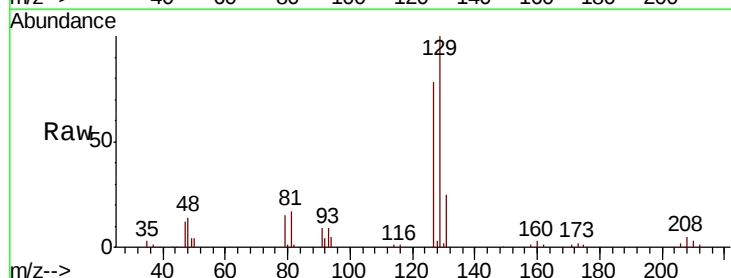
Manual Integrations
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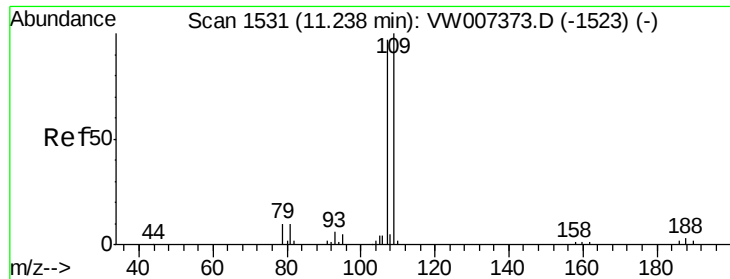
MMDadoda
12/12/2018 2:42:41 PM



#60
Dibromochloromethane
Concen: 51.503 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion: 129 Resp: 41677
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3





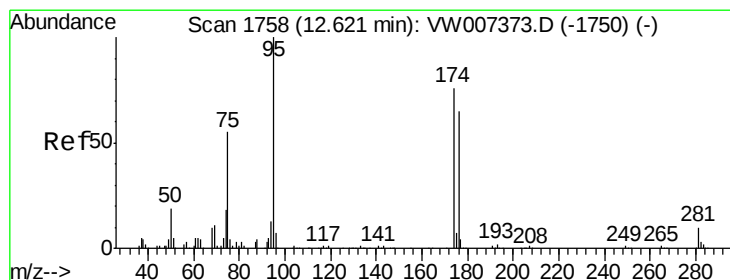
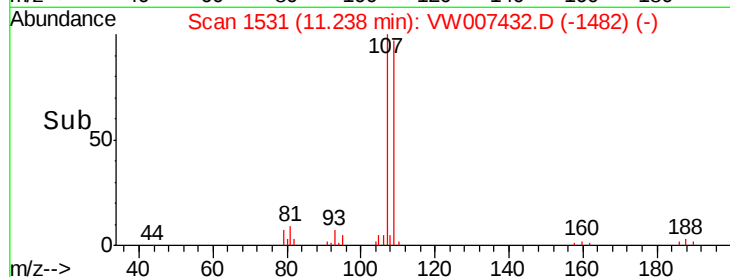
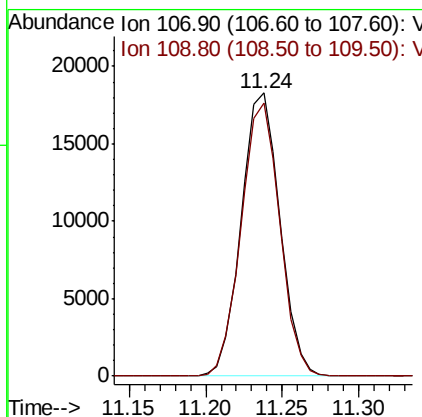
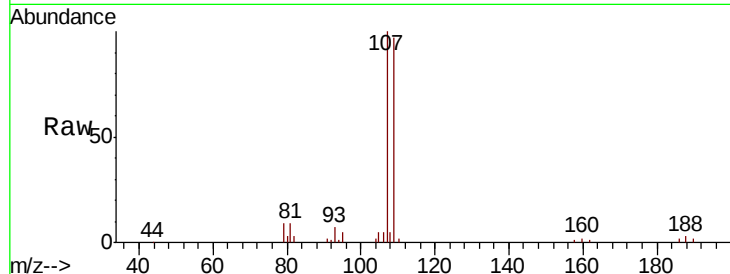
#61
 1,2-Dibromoethane
 Concen: 50.693 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	79.1	118.7

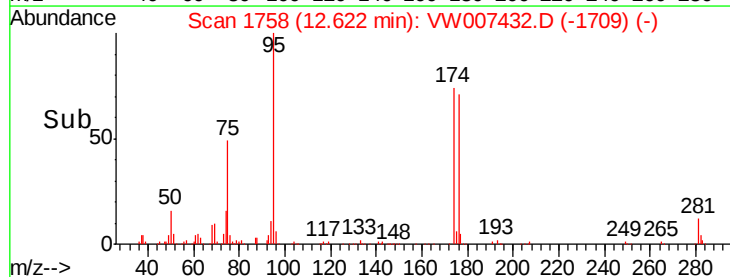
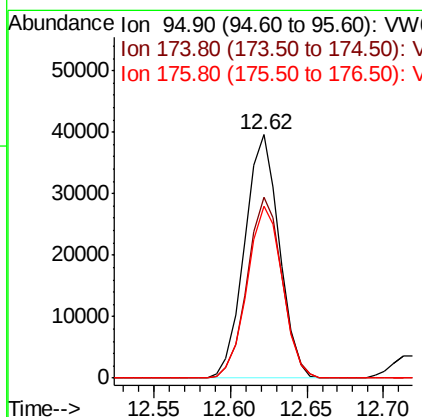
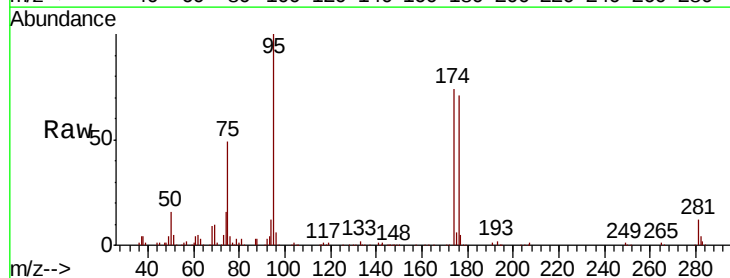
Manual Integrations
 APPROVED

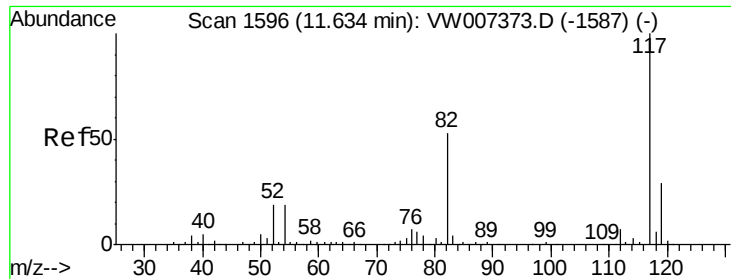
MMDadoda
 12/12/2018 2:42:41 PM



#62
 4-Bromofluorobenzene
 Concen: 52.782 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	147.2
176	71.9	0.0	138.8





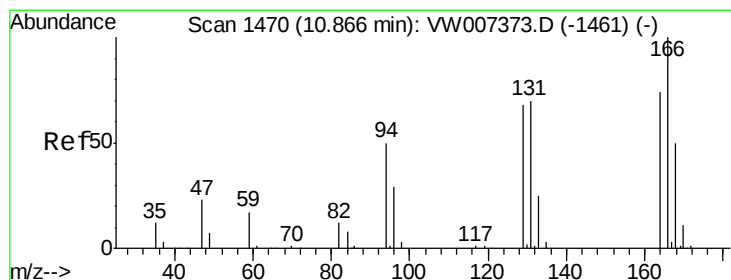
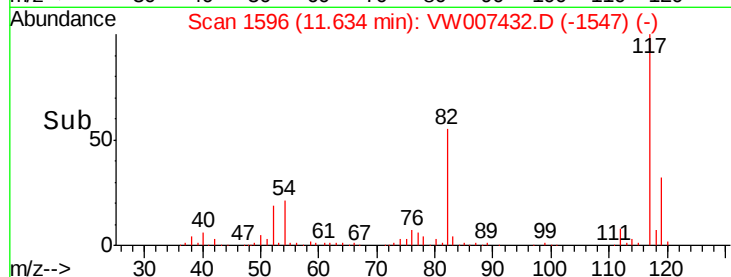
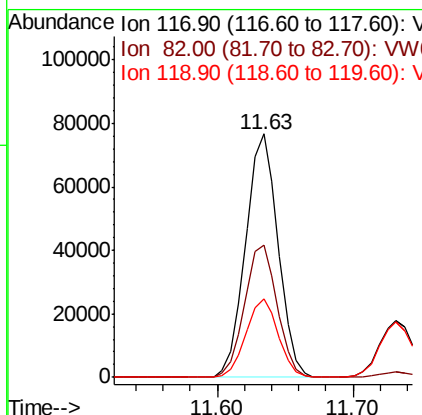
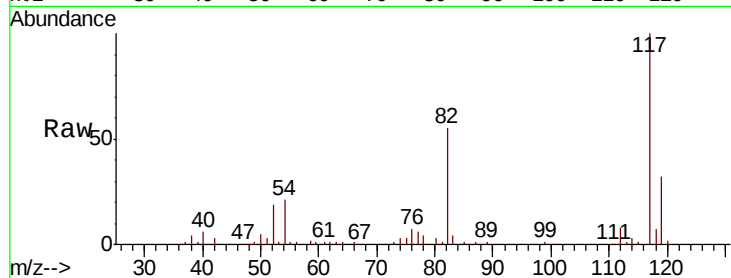
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.3	63.5
119	32.1	23.0	34.6

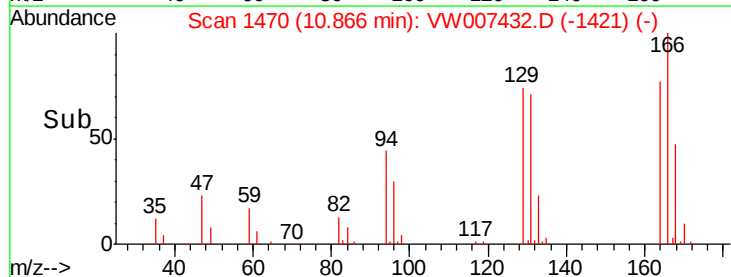
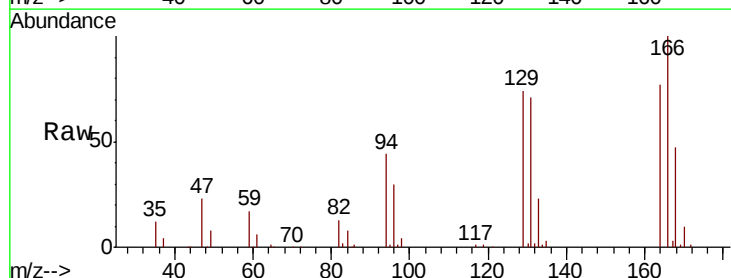
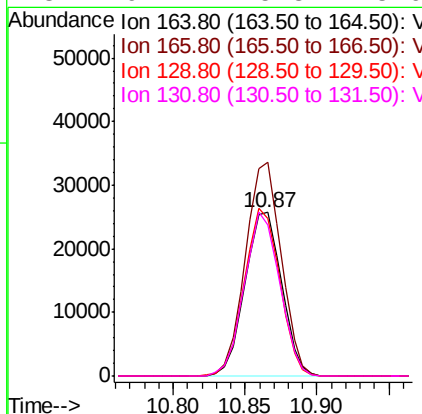
Manual Integrations
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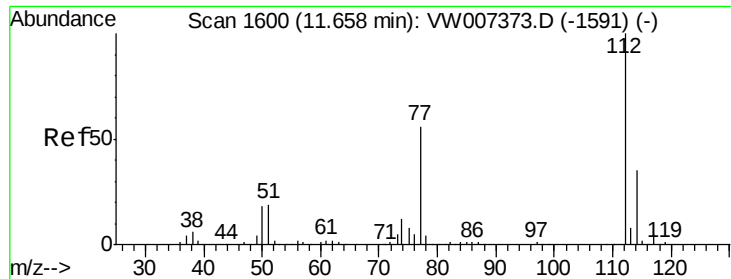
MMDadoda
12/12/2018 2:42:41 PM



#64
Tetrachloroethene
Concen: 49.133 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	107.9	161.9
129	96.6	73.4	110.2
131	92.4	75.8	113.6





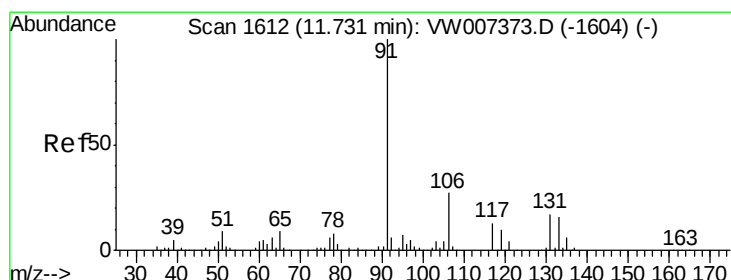
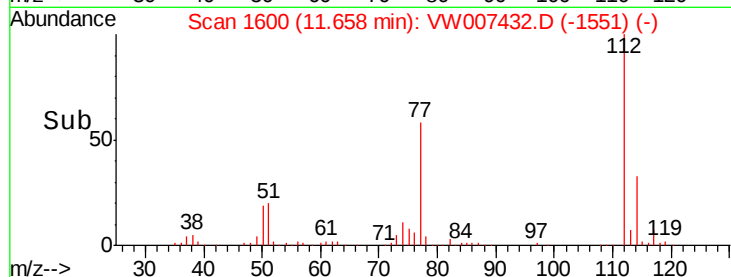
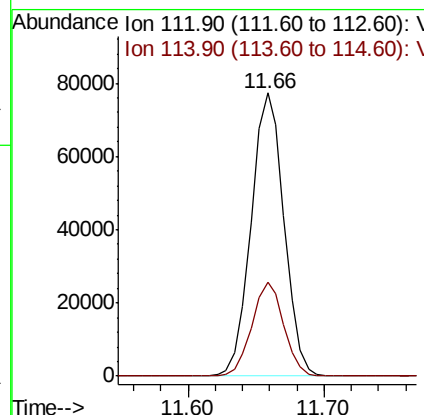
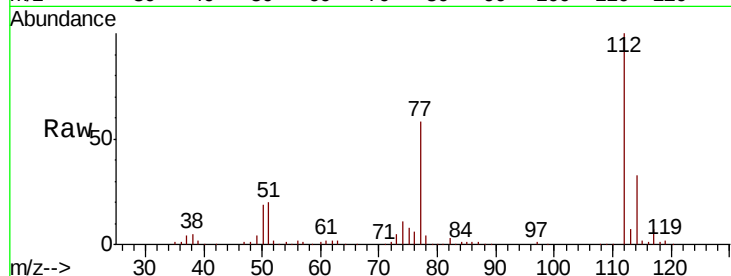
#65
Chlorobenzene
Concen: 48.912 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	27.8	41.8

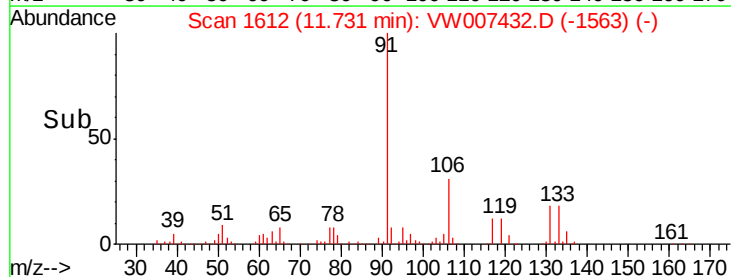
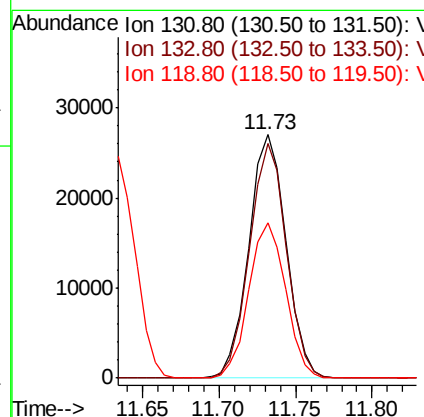
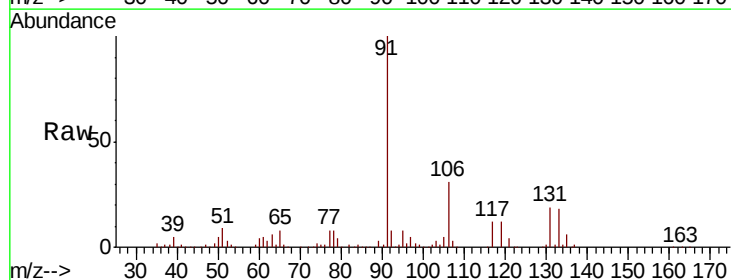
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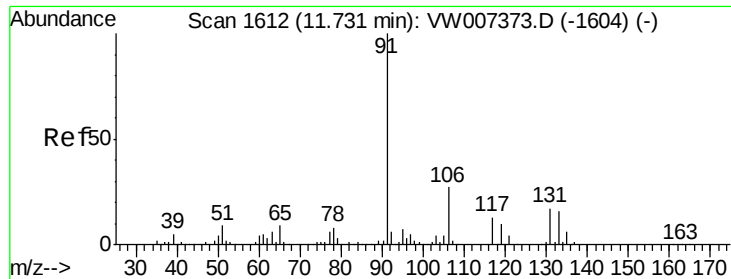
MMDadoda
12/12/2018 2:42:41 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.674 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.1	141.4
119	63.3	31.3	93.9





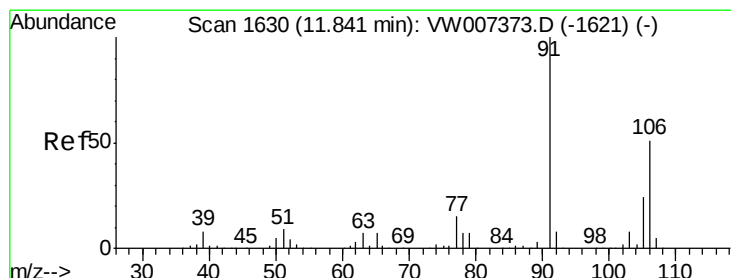
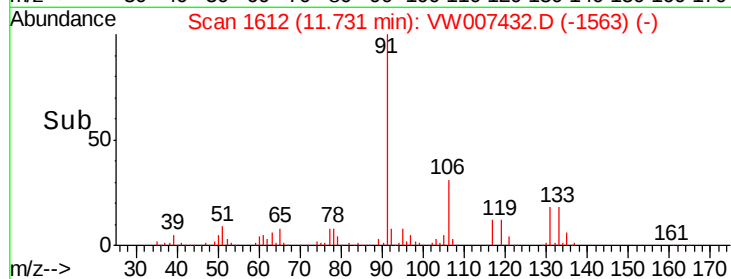
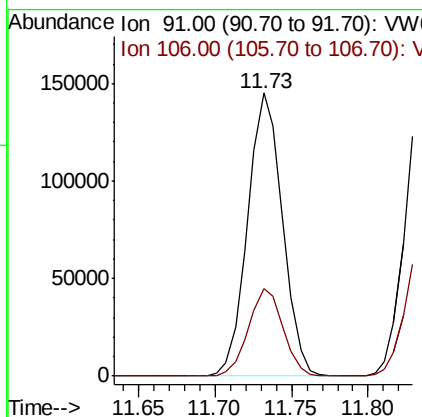
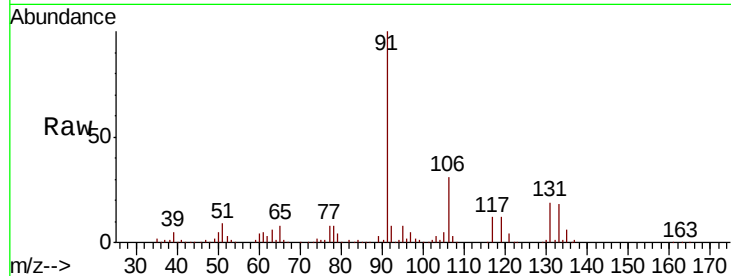
#67
Ethyl Benzene
Concen: 49.947 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 229535
Ion Ratio Lower Upper
91 100
106 30.7 21.8 32.8

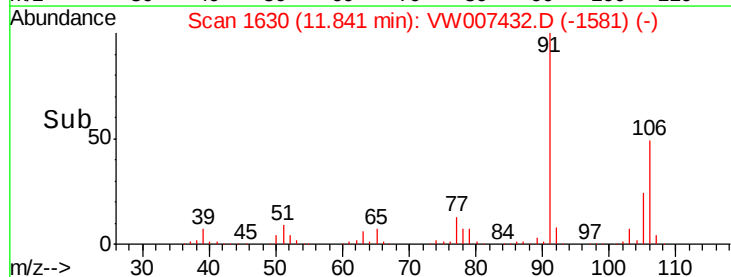
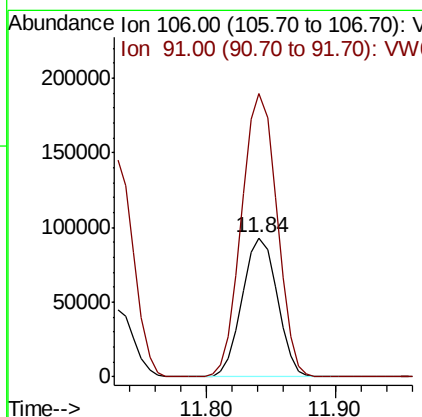
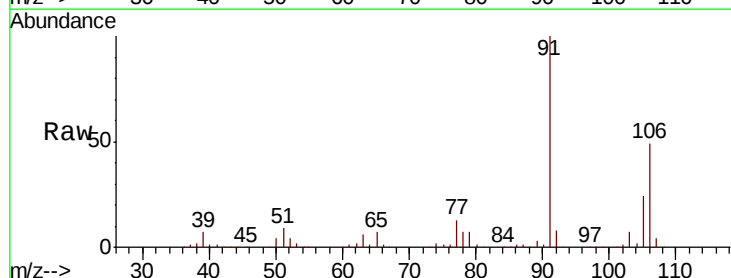
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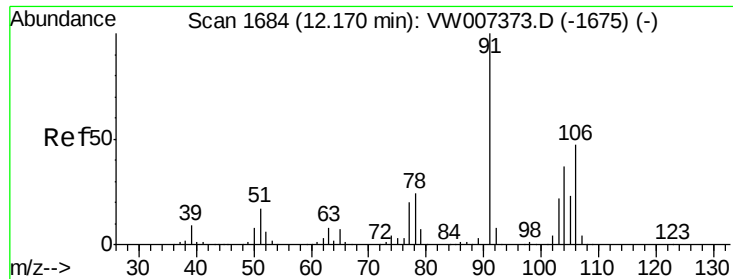
MMDadoda
12/12/2018 2:42:41 PM



#68
m/p-Xylenes
Concen: 98.221 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion: 106 Resp: 175479
Ion Ratio Lower Upper
106 100
91 205.6 165.3 247.9





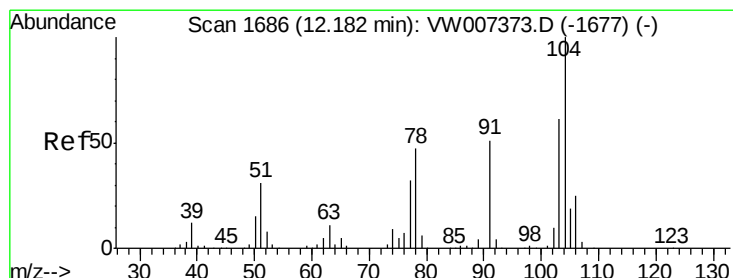
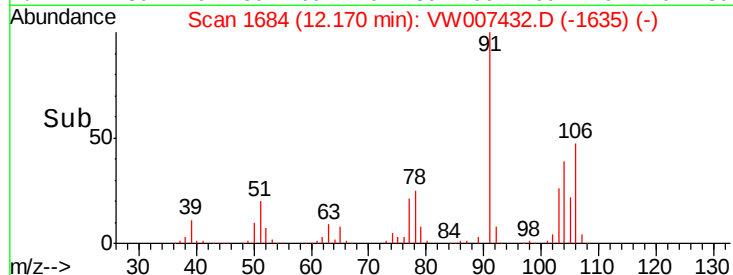
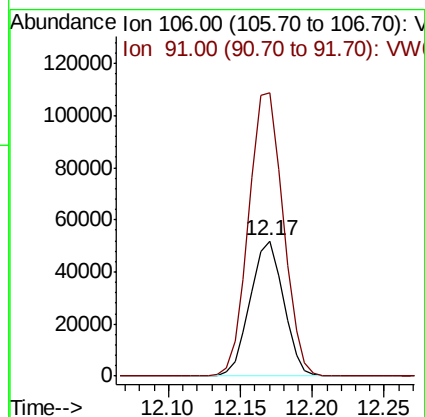
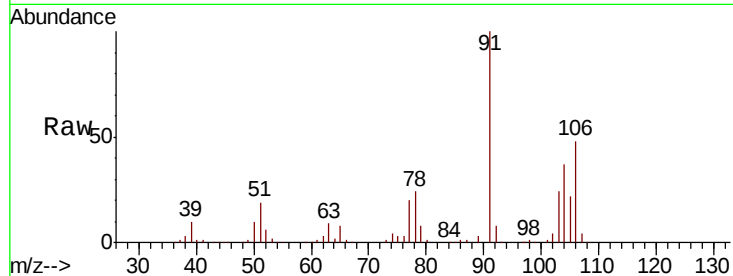
#69
o-Xylene
Concen: 49.886 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 83237
Ion Ratio Lower Upper
106 100
91 216.3 106.6 319.8

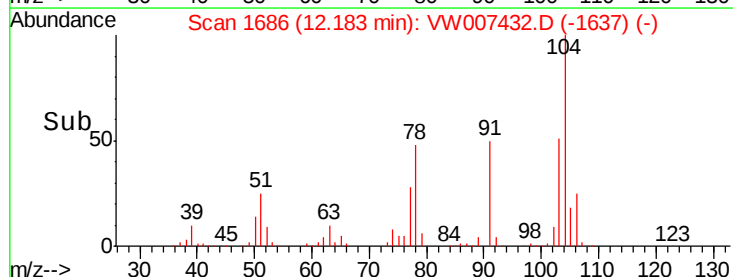
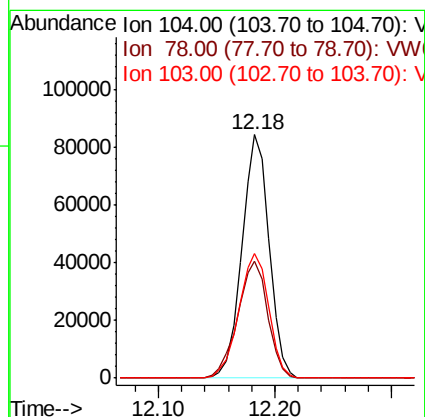
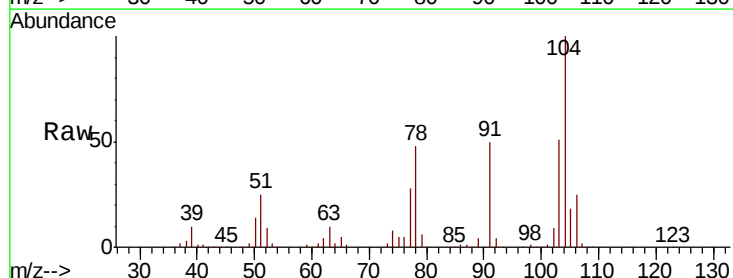
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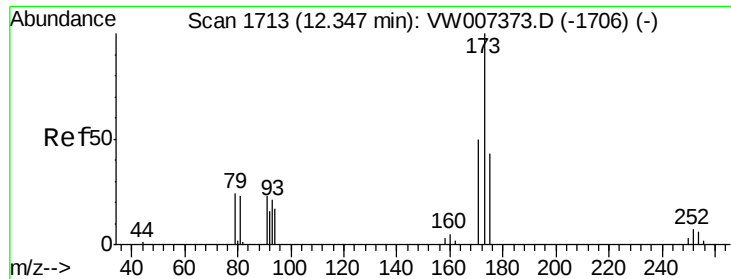
MMDadoda
12/12/2018 2:42:41 PM



#70
Styrene
Concen: 50.832 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion:104 Resp: 136995
Ion Ratio Lower Upper
104 100
78 53.1 41.8 62.8
103 56.4 46.6 69.8





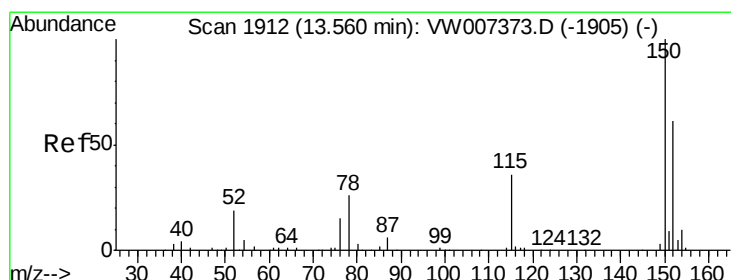
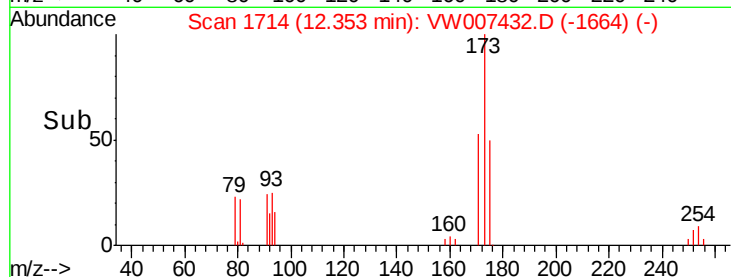
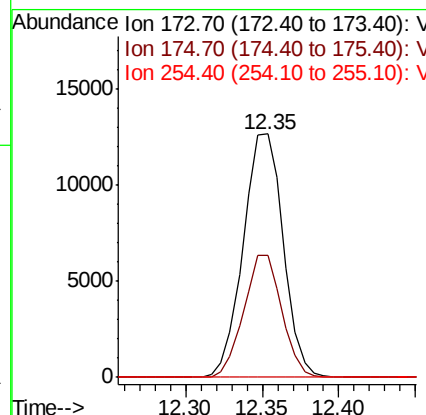
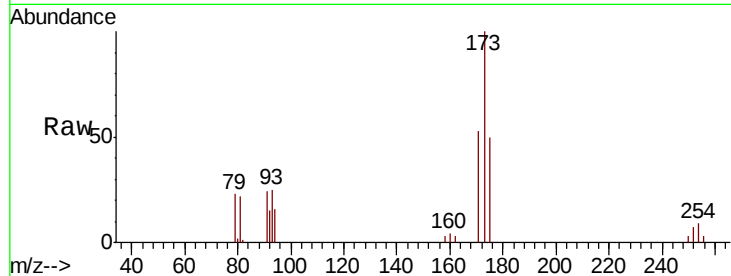
#71
Bromoform
Concen: 47.790 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.6	70.8
254	0.0	0.0	0.0

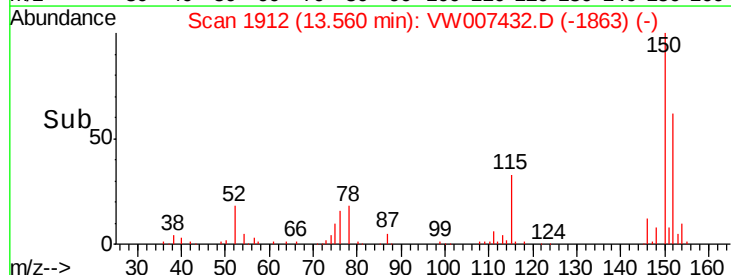
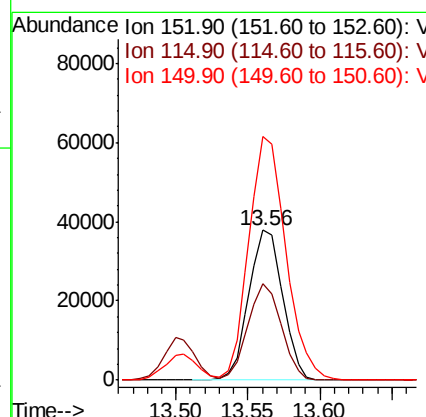
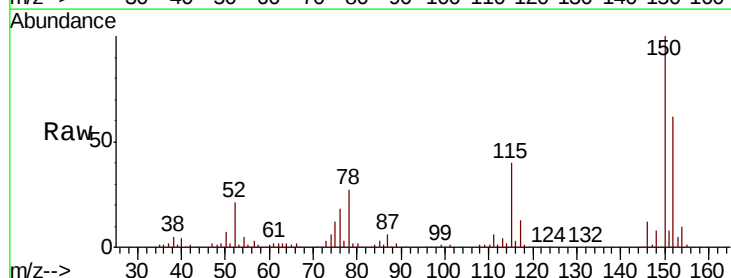
Manual Integrations
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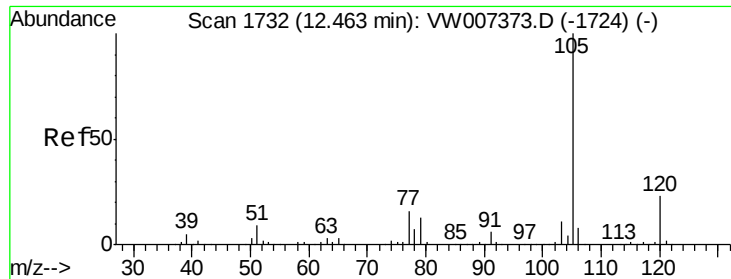
MMDadoda
12/12/2018 2:42:41 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.4	94.2
150	176.5	0.0	358.4





#73

Isopropylbenzene

Concen: 48.734 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 231410

Ion Ratio Lower Upper

105 100

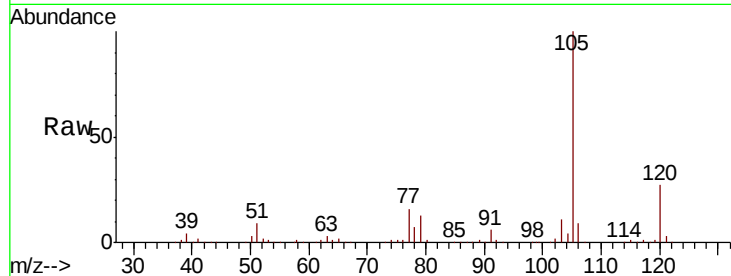
120 26.4 12.8 38.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

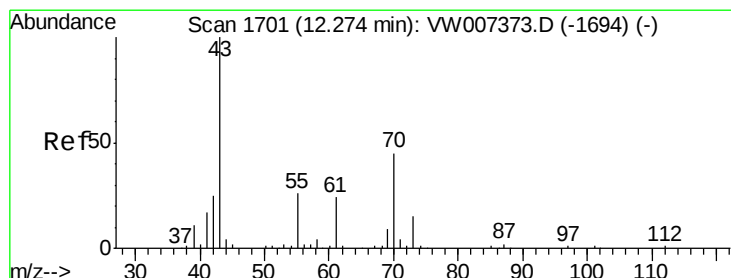
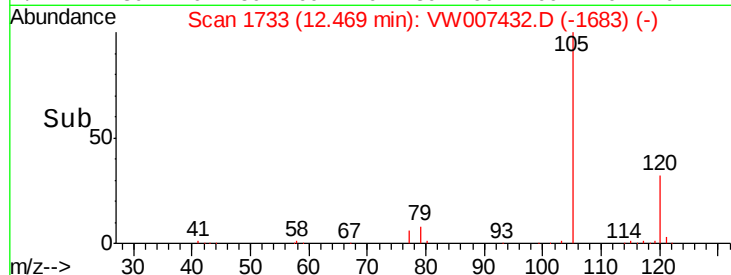
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 47.823 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Tgt Ion: 43 Resp: 41271

Ion Ratio Lower Upper

43 100

70 45.3 36.5 54.7

55 25.5 20.1 30.1

61 25.6 19.3 28.9

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

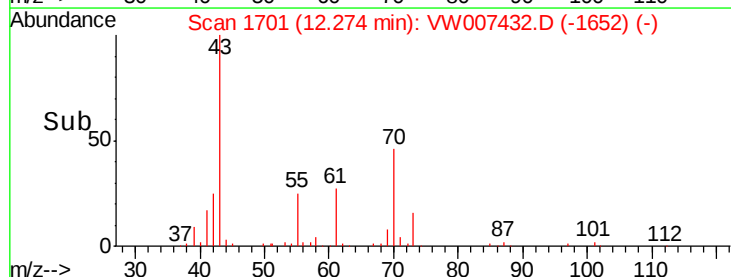
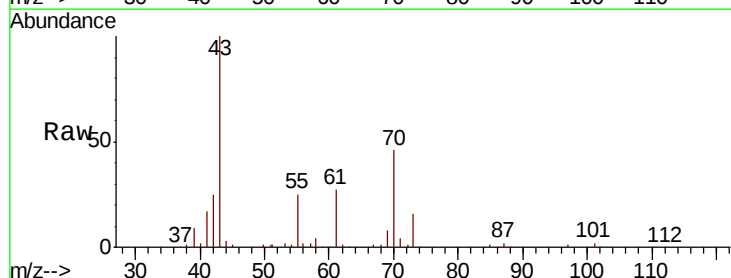
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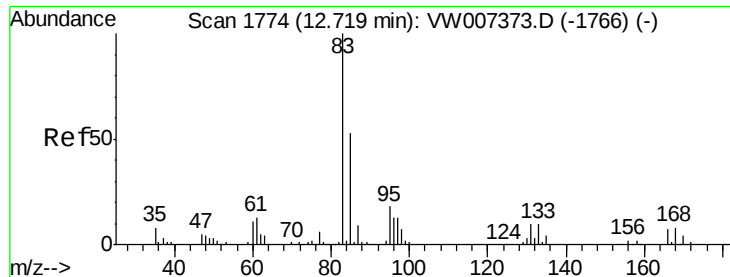
10000

0

12.20 12.30

Time-->





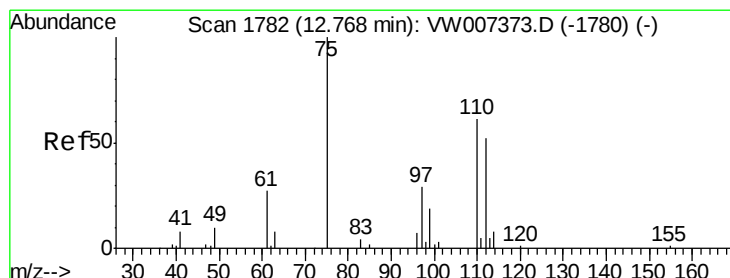
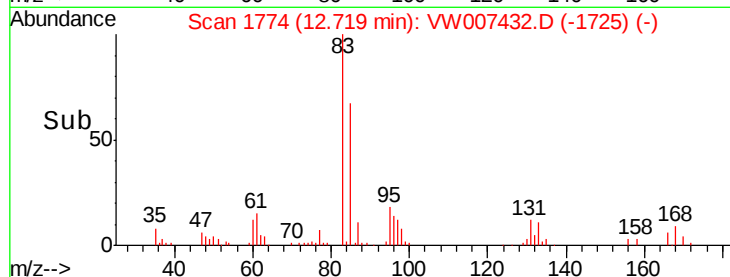
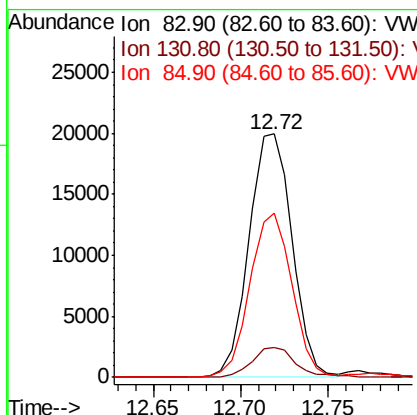
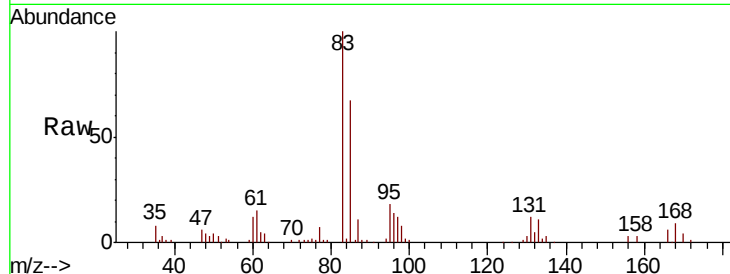
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.676 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	34234
Ion Ratio	100	Lower	Upper
83	100		
131	12.6	5.9	17.8
85	65.8	30.0	90.0

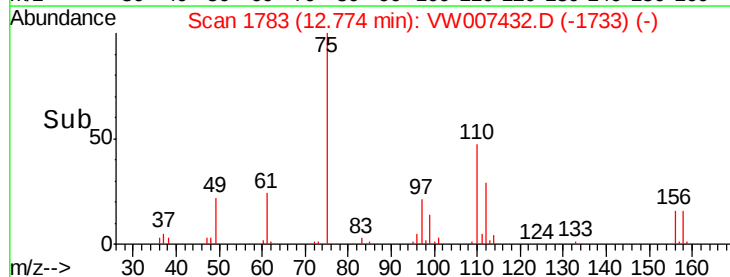
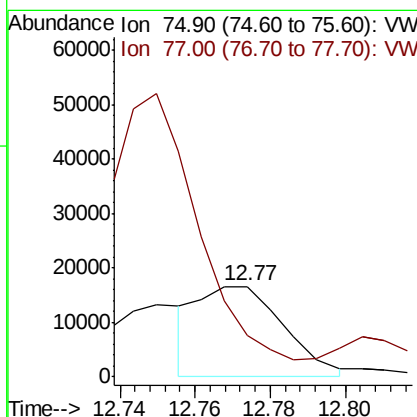
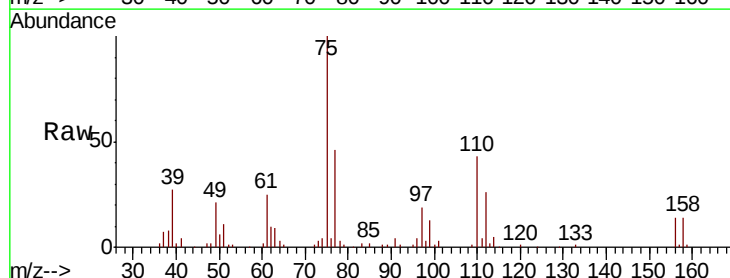
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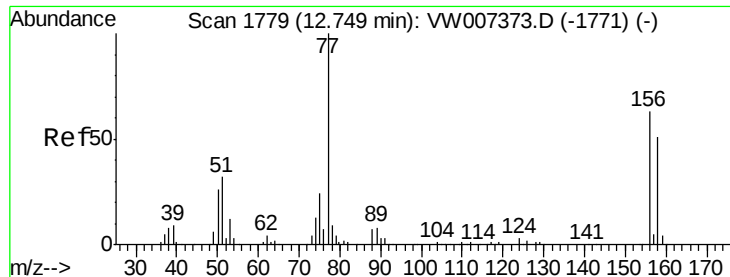
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#76
 1,2,3-Trichloropropane
 Concen: 51.269 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion	75	Resp	26197
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 49.494 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 52095

Ion Ratio Lower Upper

156 100

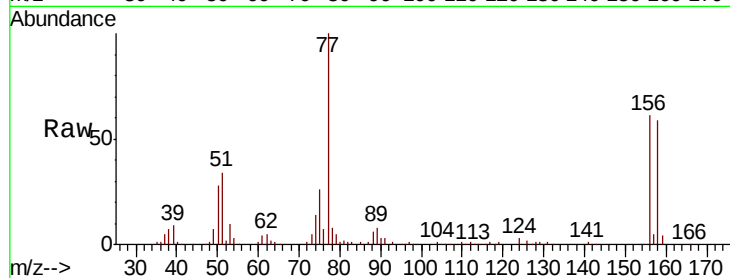
77 179.0 88.1 264.4

158 97.0 45.6 136.7

Manual Integrations
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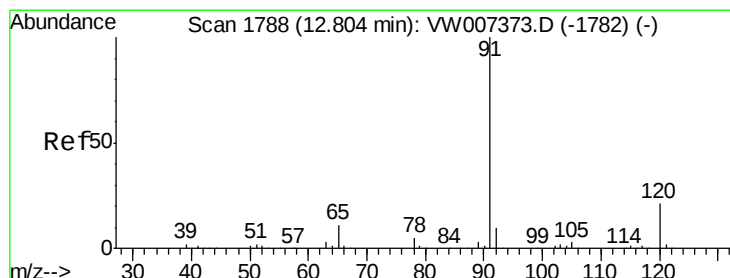
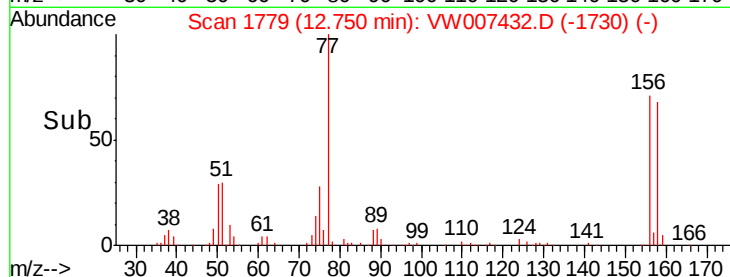
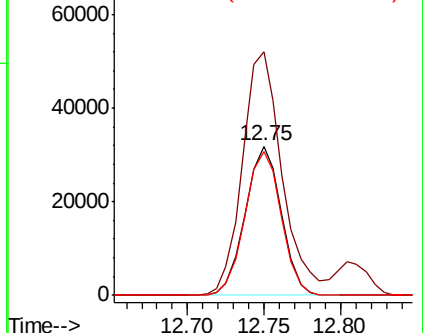
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.144 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007432.D

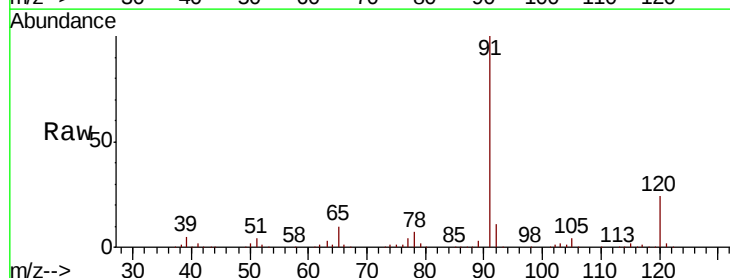
Acq: 12 Dec 2018 09:06

Tgt Ion: 91 Resp: 267966

Ion Ratio Lower Upper

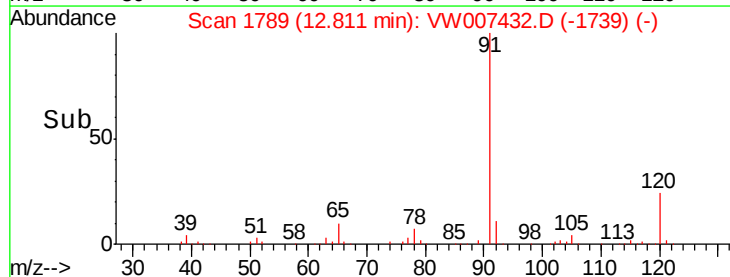
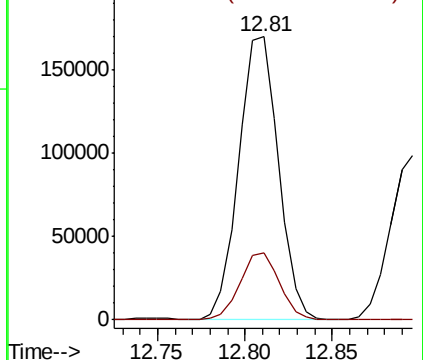
91 100

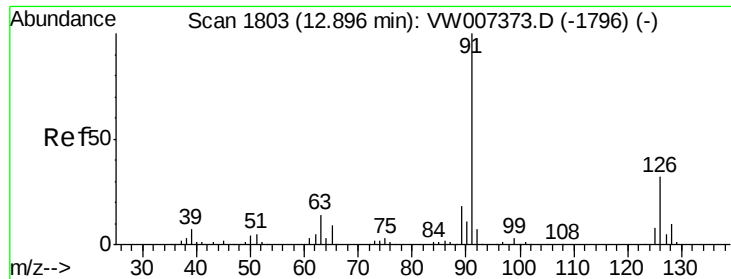
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





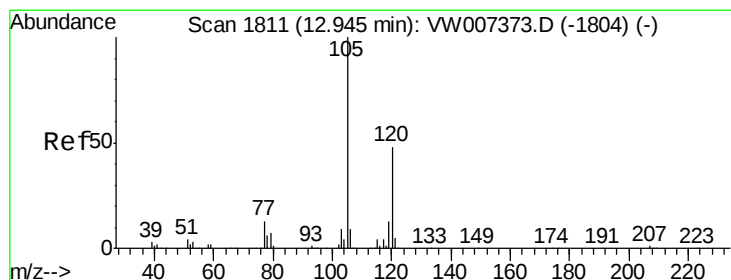
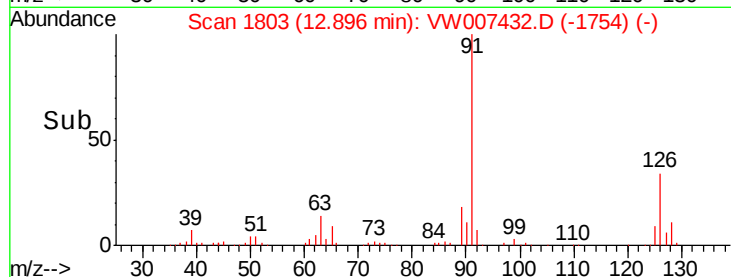
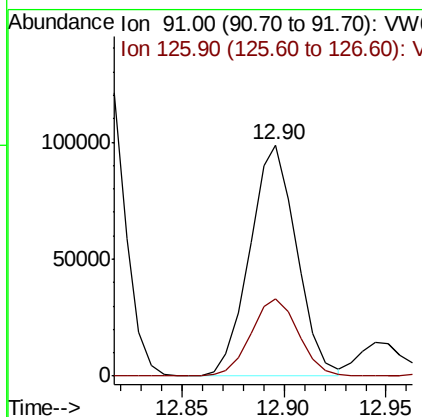
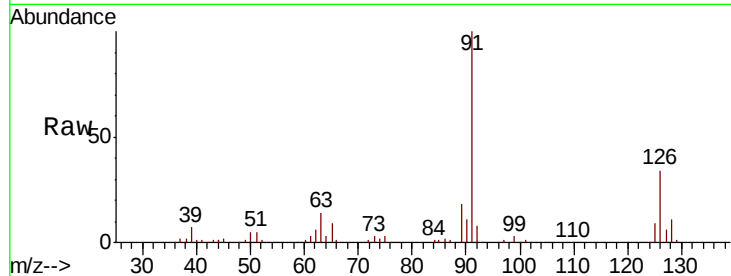
#79
 2-Chlorotoluene
 Concen: 48.710 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 157505
 Ion Ratio Lower Upper
 91 100
 126 33.8 15.9 47.6

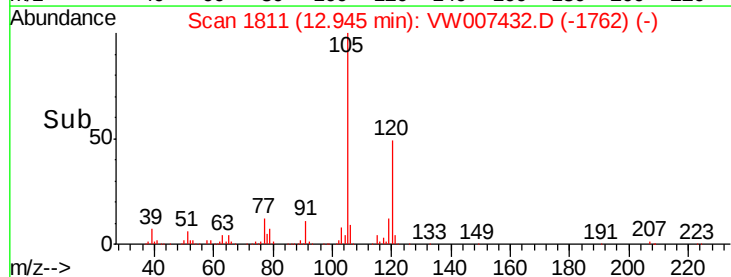
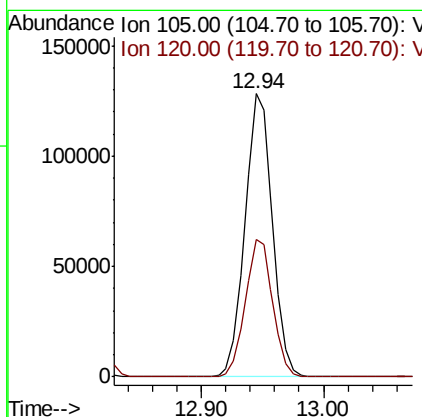
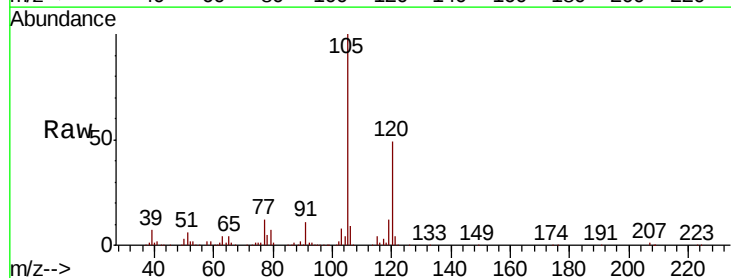
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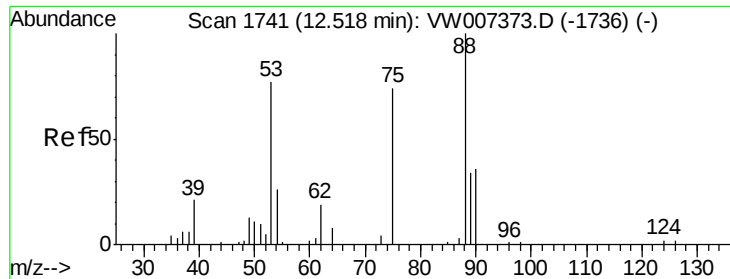
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.855 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion: 105 Resp: 198917
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.419 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 10506

Ion Ratio Lower Upper

75 100

53 96.0 84.9 127.3

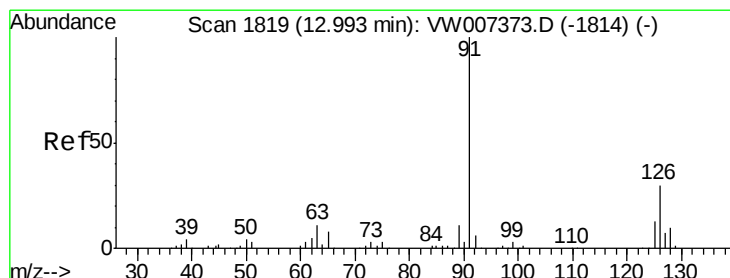
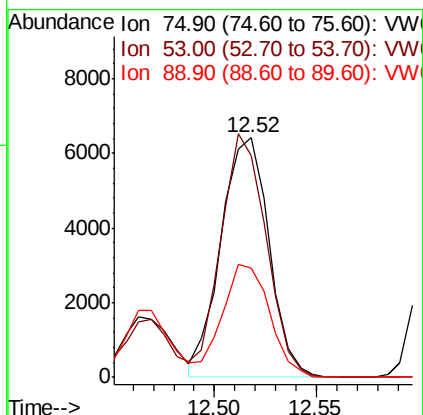
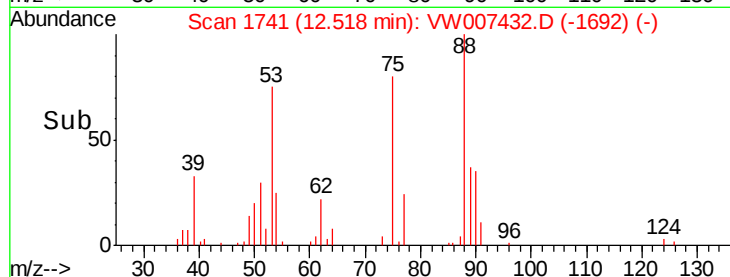
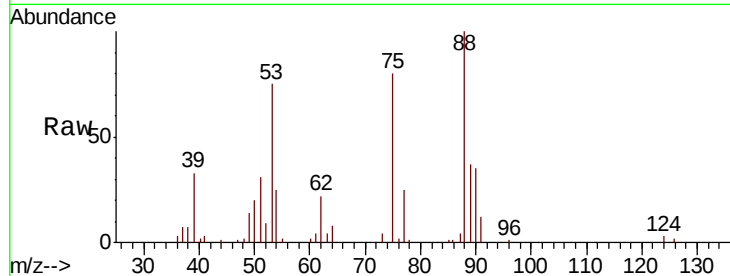
89 47.0 40.3 60.5

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#82

4-Chlorotoluene

Concen: 48.881 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007432.D

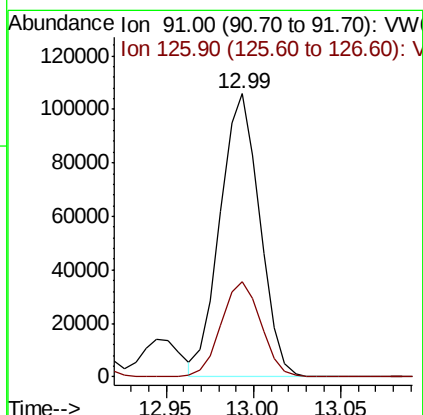
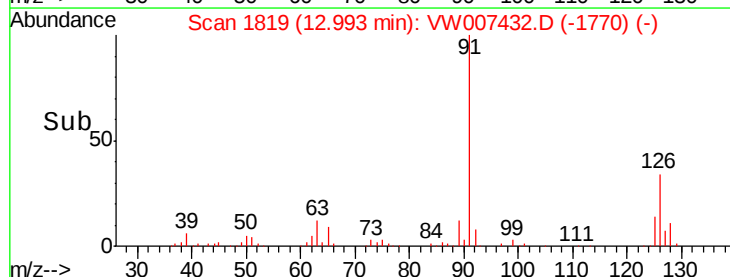
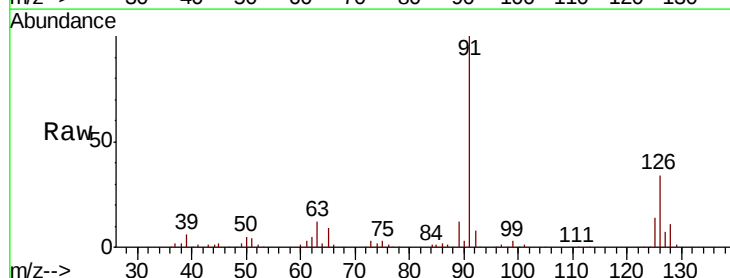
Acq: 12 Dec 2018 09:06

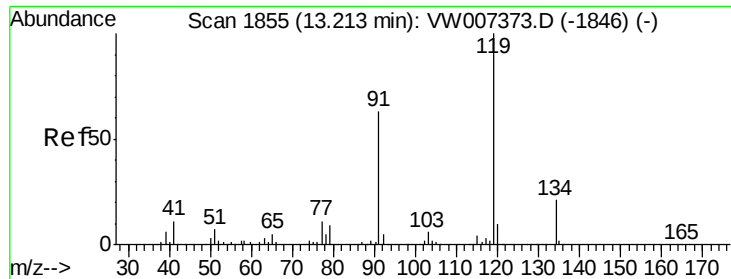
Tgt Ion: 91 Resp: 166610

Ion Ratio Lower Upper

91 100

126 33.8 16.0 48.0





#83

tert-Butylbenzene

Concen: 48.826 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

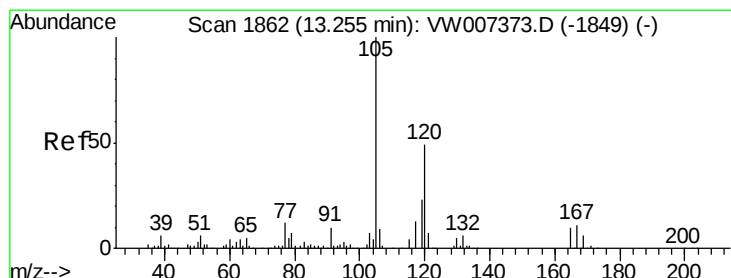
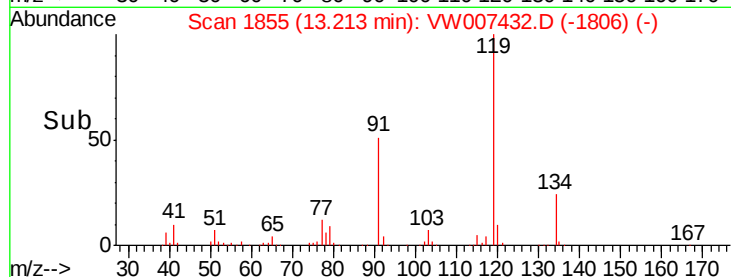
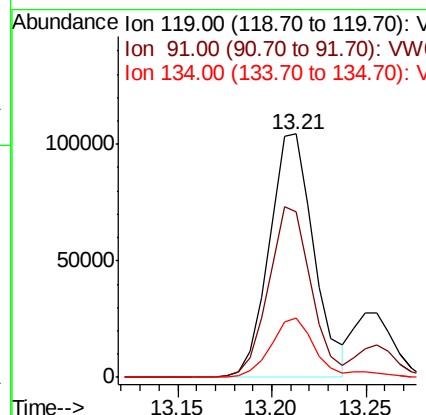
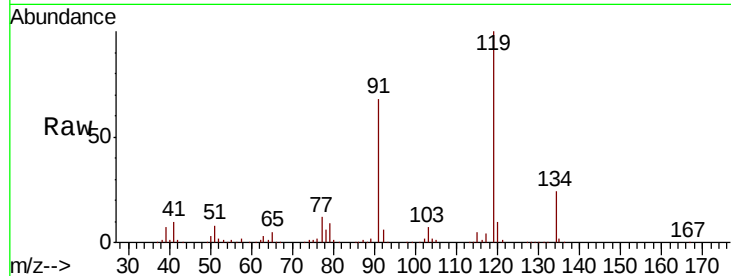
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.1	99.2
134	25.0	12.5	37.5

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#84

1,2,4-Trimethylbenzene

Concen: 48.625 ug/l

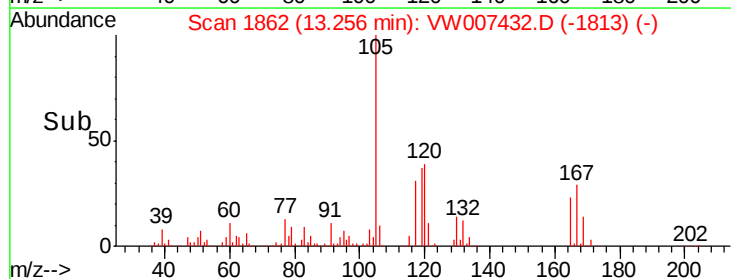
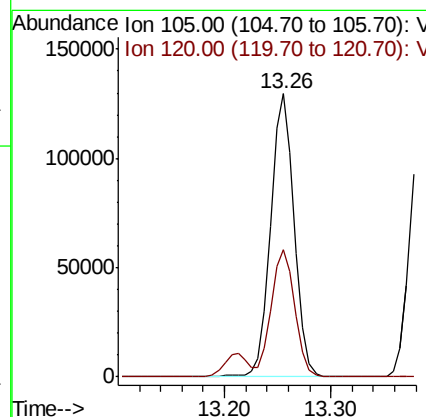
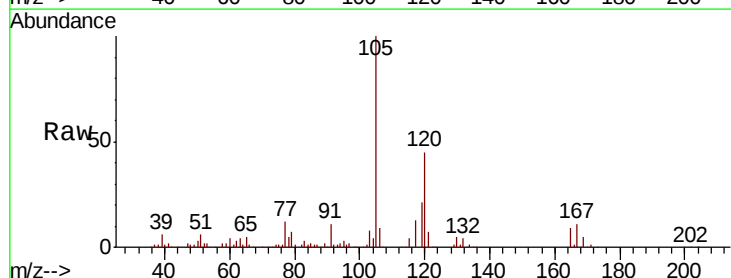
RT: 13.26 min Scan# 1862

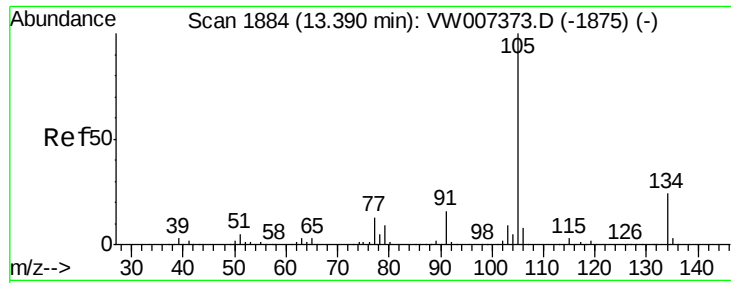
Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.7





#85

sec-Butylbenzene

Concen: 49.115 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 235716

Ion Ratio Lower Upper

105 100

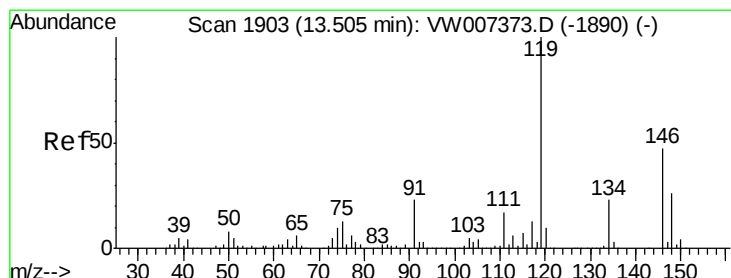
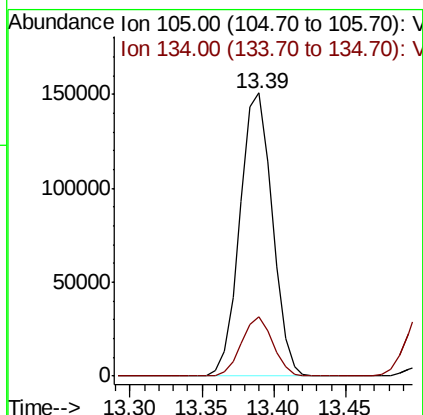
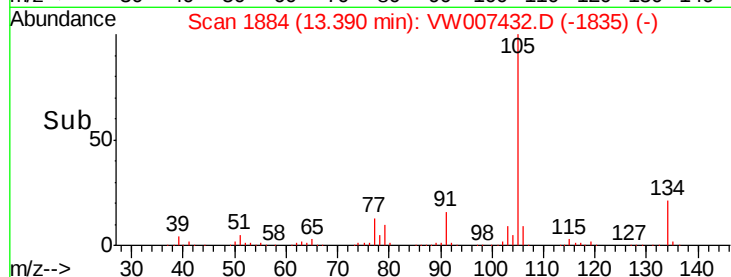
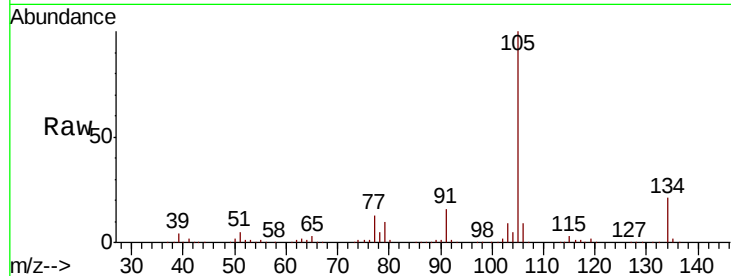
134 20.2 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 49.356 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007432.D

Acq: 12 Dec 2018 09:06

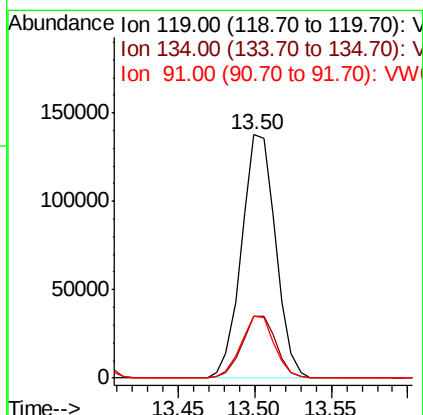
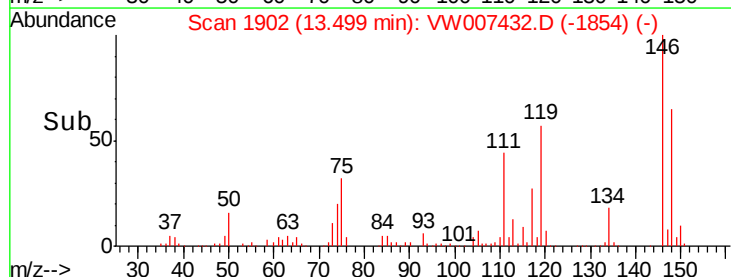
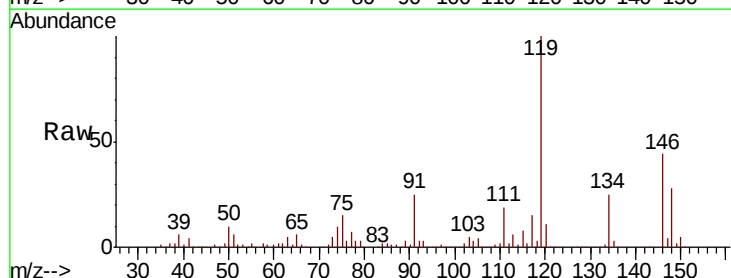
Tgt Ion:119 Resp: 212799

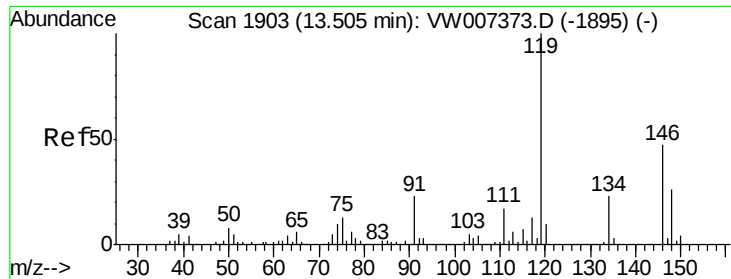
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.8 11.9 35.9





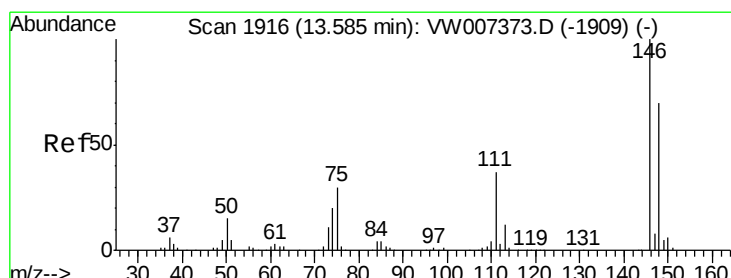
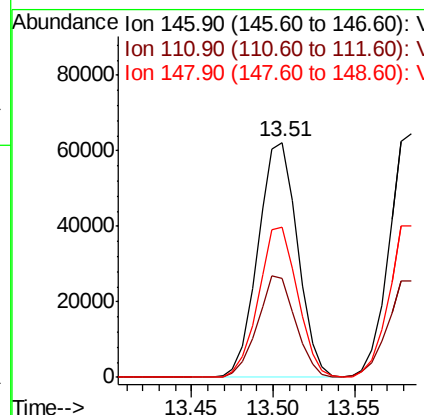
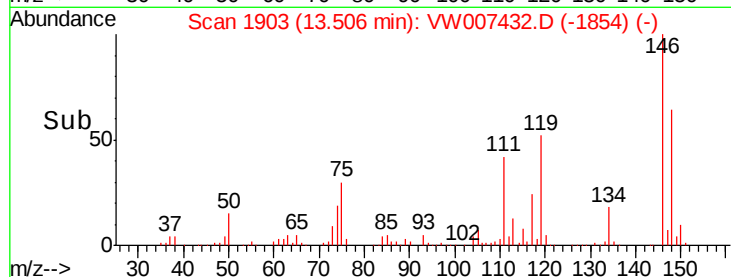
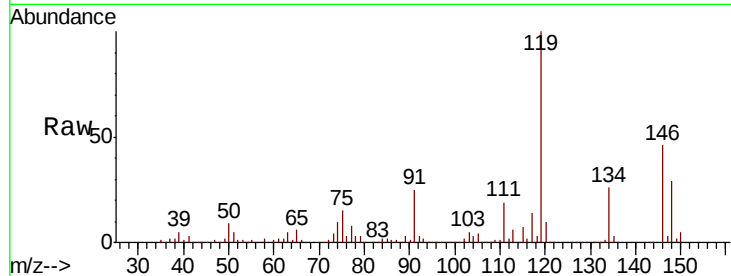
#87
 1,3-Dichlorobenzene
 Concen: 49.708 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.1	60.3
148	63.3	31.4	94.0

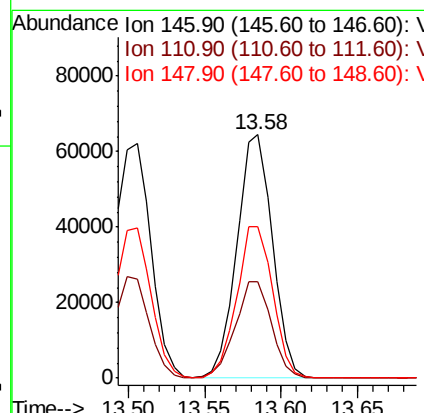
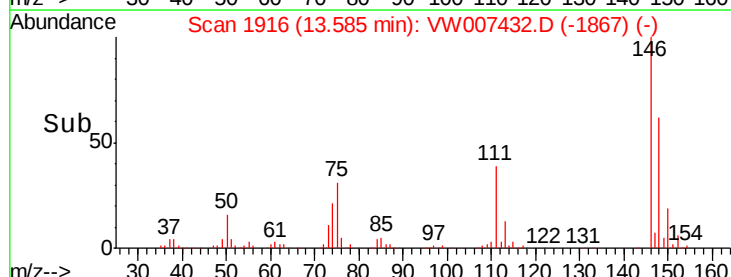
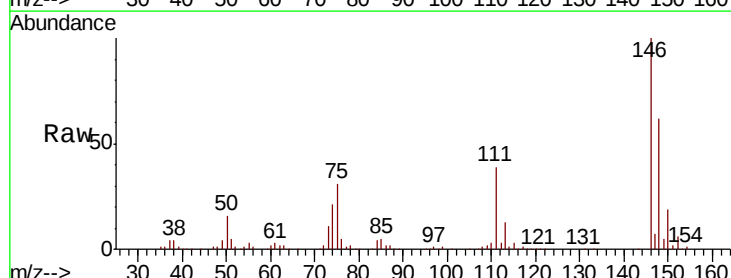
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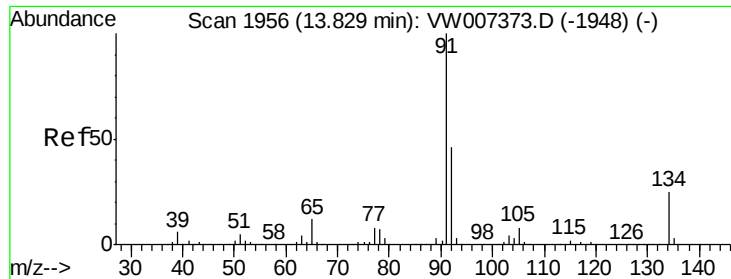
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#88
 1,4-Dichlorobenzene
 Concen: 49.249 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.3	33.5	100.5





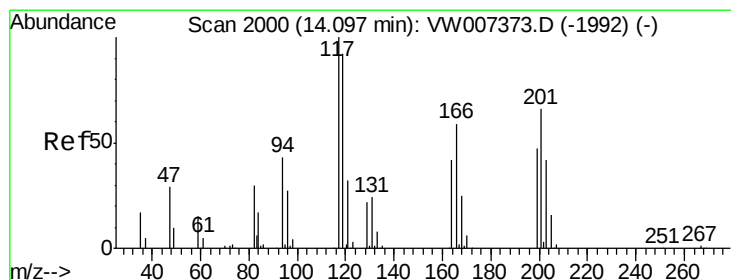
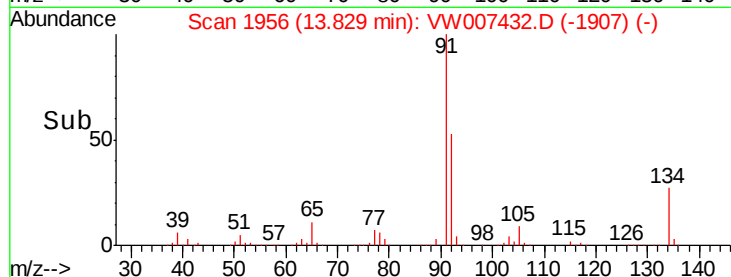
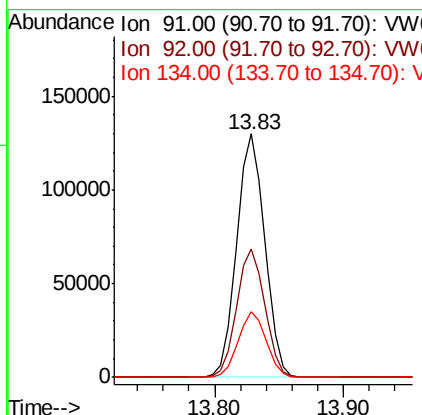
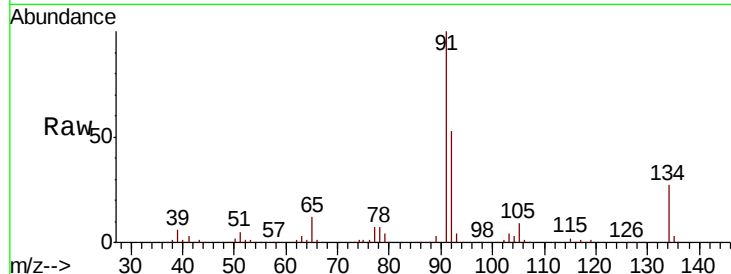
#89
n-Butylbenzene
Concen: 49.030 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.7	77.1
134	26.7	13.4	40.2

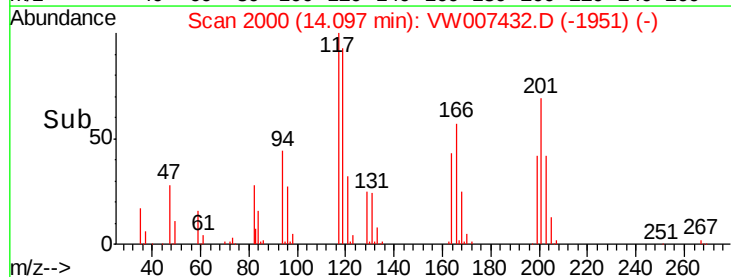
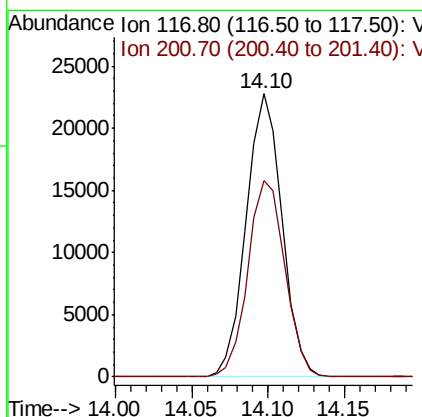
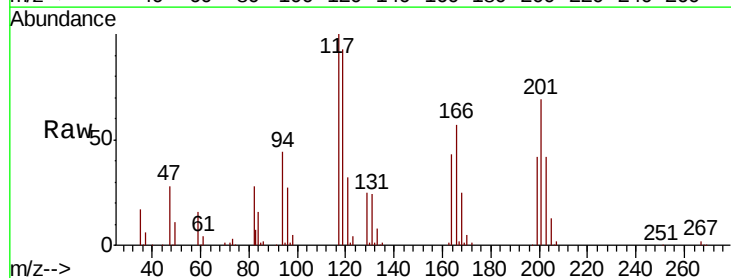
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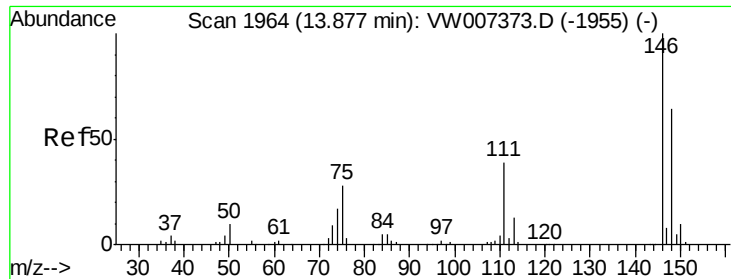
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#90
Hexachloroethane
Concen: 48.402 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.6	35.3	105.9





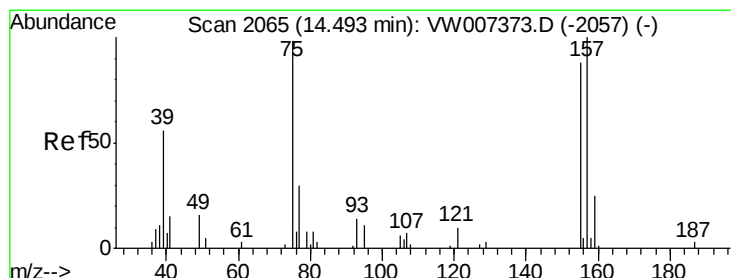
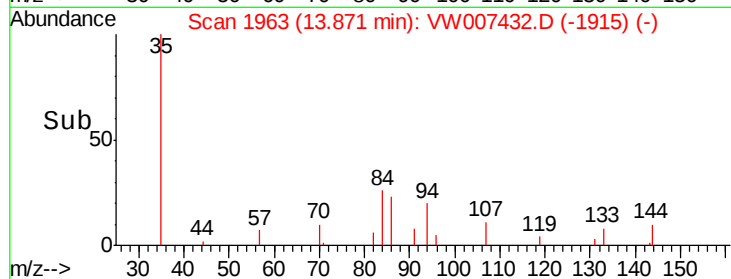
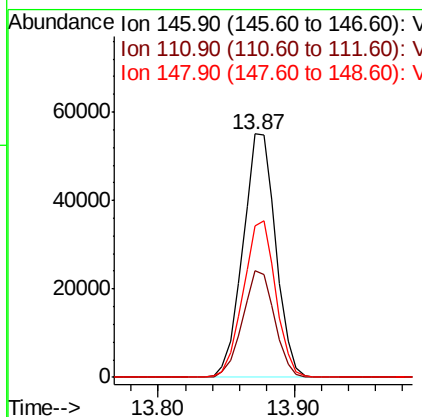
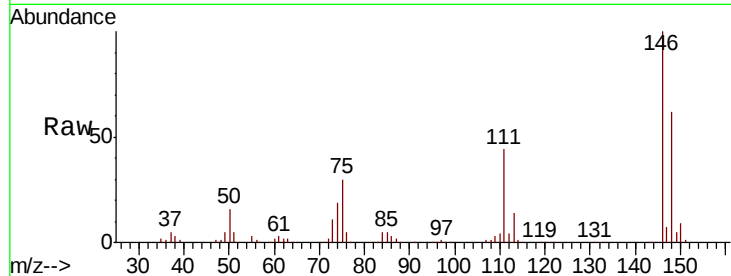
#91
 1,2-Dichlorobenzene
 Concen: 49.214 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.4	67.2
148	64.0	32.4	97.2

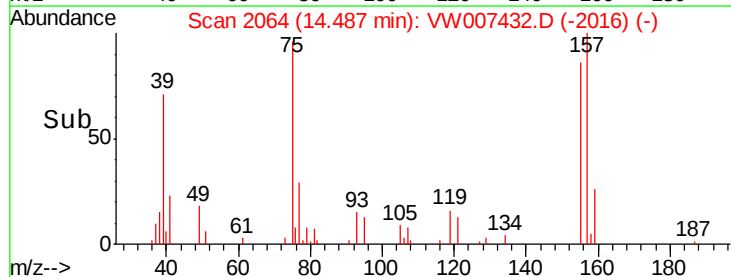
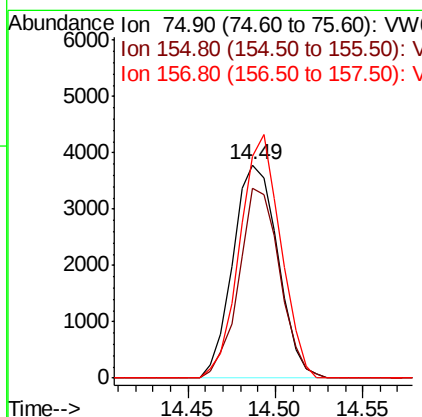
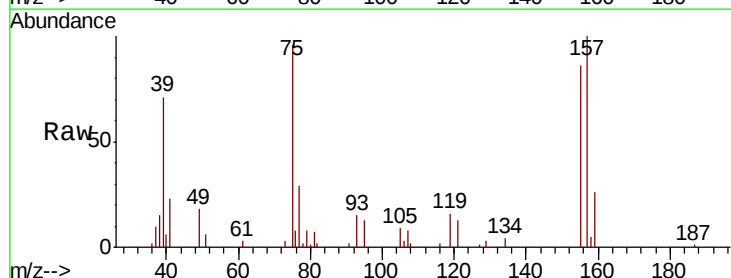
Manual Integrations
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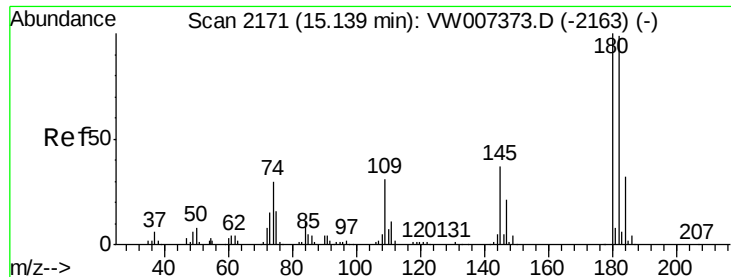
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 12/12/2018 2:42:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.776 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.8	122.2
157	103.8	51.1	153.4





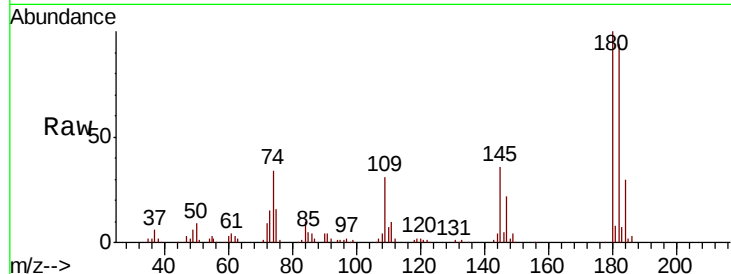
#93
 1,2,4-Trichlorobenzene
 Concen: 48.252 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	49.9	149.6
145	34.1	17.8	53.4

Manual Integrations
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 12/12/2018 2:42:41 PM

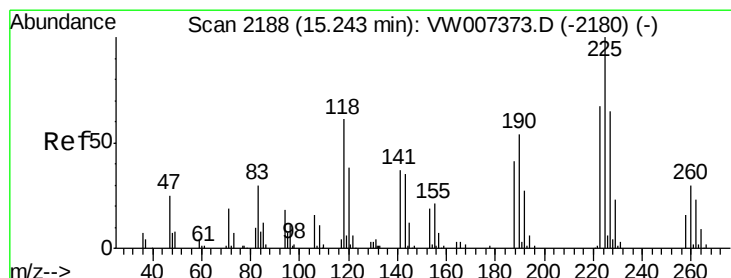
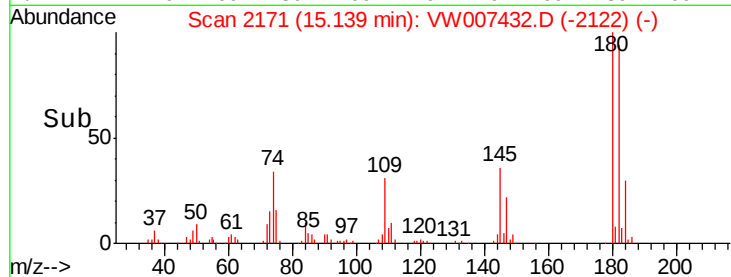
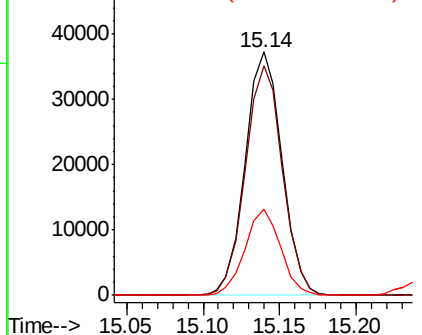


Abundance

Ion 179.80 (179.50 to 180.50): V

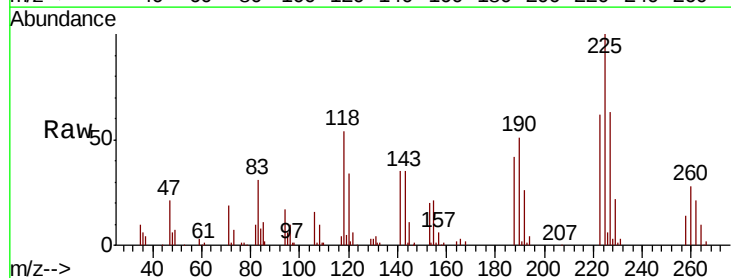
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.159 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007432.D
 Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.1	96.3
227	64.2	31.9	95.9

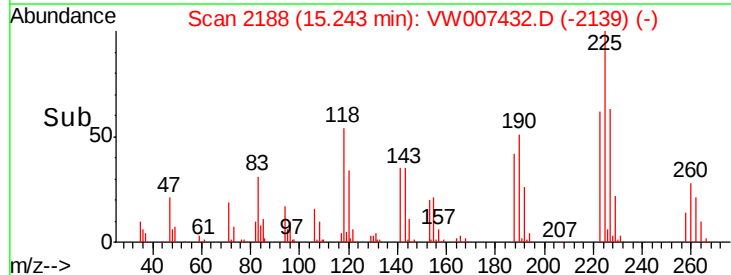
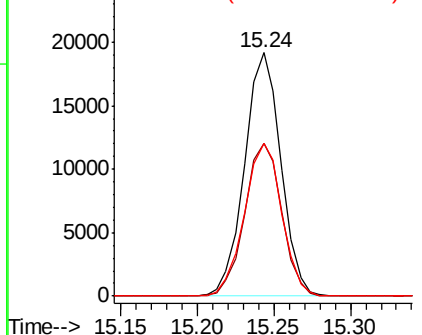


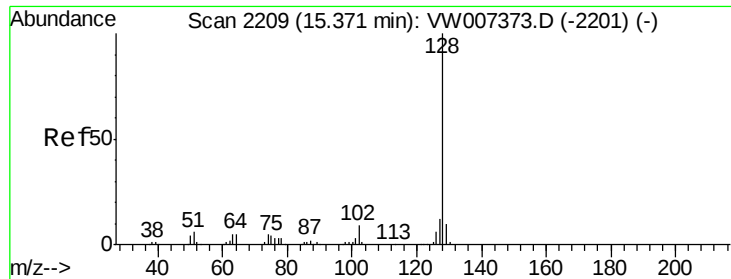
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





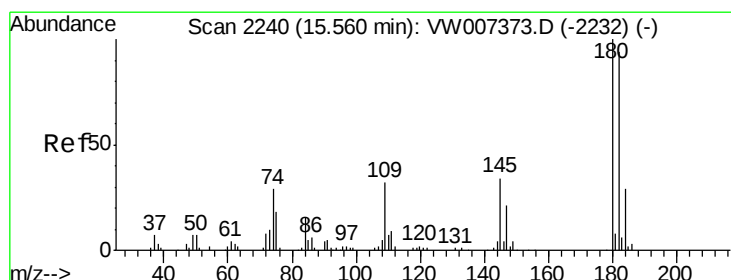
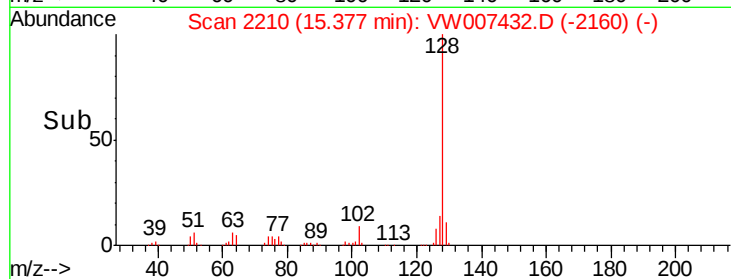
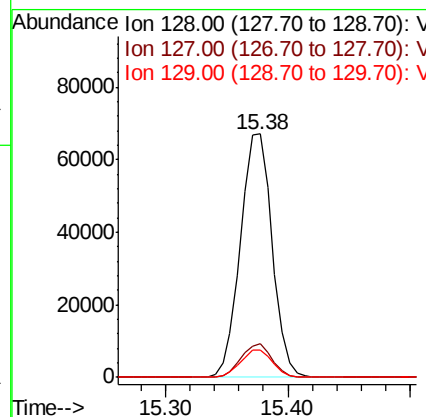
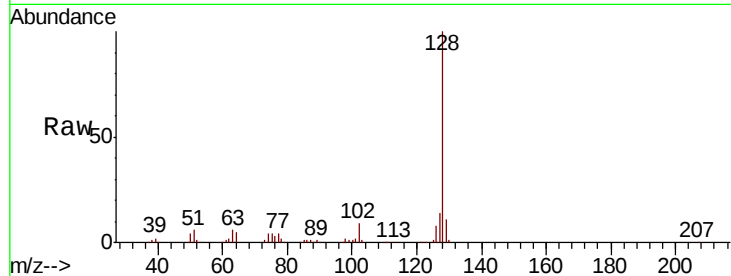
#95
Naphthalene
Concen: 48.692 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.3	8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.664 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007432.D
Acq: 12 Dec 2018 09:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	45.6	136.7
145	35.0	17.5	52.5

