

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007699.D
 Acq On : 19 Dec 2018 14:01
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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apatel
 12/20/2018 11:19:33 AM

Quant Time: Dec 20 06:21:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	7937	9.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.46%	
35) Dibromofluoromethane	7.88	113	6881	9.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.98%	
50) Toluene-d8	10.32	98	26289	9.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.24%	
62) 4-Bromofluorobenzene	12.62	95	10520	9.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	6227	9.416	ug/l	97
3) Chloromethane	2.21	50	3738	9.205	ug/l	92
4) Vinyl Chloride	2.37	62	5041	9.752	ug/l	99
5) Bromomethane	2.78	94	3576	9.932	ug/l	84
6) Chloroethane	2.93	64	2821	10.201	ug/l	96
7) Trichlorofluoromethane	3.26	101	4998	9.287	ug/l #	78
8) Diethyl Ether	3.68	74	3504	10.630	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	7953	10.163	ug/l	98
10) Methyl Iodide	4.27	142	12640	10.028	ug/l	99
11) Tert butyl alcohol	5.18	59	2807	51.036	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	7269	9.904	ug/l	85
13) Acrolein	3.89	56	2318	52.710	ug/l	100
14) Allyl chloride	4.67	41	9533	9.905	ug/l	99
15) Acrylonitrile	5.37	53	7052	50.153	ug/l	99
16) Acetone	4.12	43	7912	51.821	ug/l	96
17) Carbon Disulfide	4.37	76	22639	9.968	ug/l	99
18) Methyl Acetate	4.67	43	3580	9.859	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	10388	9.859	ug/l	95
20) Methylene Chloride	4.90	84	9841	10.694	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	8197	10.155	ug/l	93
22) Diisopropyl ether	6.31	45	17947	9.959	ug/l #	89
23) Vinyl Acetate	6.25	43	51746	48.328	ug/l	100
24) 1,1-Dichloroethane	6.21	63	13127	9.901	ug/l	96
25) 2-Butanone	7.18	43	8775	49.068	ug/l	96
26) 2,2-Dichloropropane	7.17	77	9891	10.195	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	8580	9.977	ug/l	99
28) Bromochloromethane	7.51	49	4281	9.471	ug/l	99
29) Tetrahydrofuran	7.53	42	5130	48.092	ug/l	99
30) Chloroform	7.68	83	14700	9.798	ug/l	90
31) Cyclohexane	7.95	56	12282	10.119	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	13859	10.142	ug/l	100
36) 1,1-Dichloropropene	8.08	75	11451	9.983	ug/l	98
37) Ethyl Acetate	7.26	43	3975	10.041	ug/l	98
38) Carbon Tetrachloride	8.07	117	13139	9.726	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	13750	9.647	ug/l	95
40) Benzene	8.32	78	30134	9.845	ug/l	96
41) Methacrylonitrile	7.48	41	2438	10.847	ug/l	95
42) 1,2-Dichloroethane	8.40	62	10283	10.024	ug/l	98
43) Isopropyl Acetate	8.43	43	7623	9.611	ug/l	98
44) Trichloroethene	9.09	130	8988	9.710	ug/l	98
45) 1,2-Dichloropropane	9.37	63	6610	9.732	ug/l	100
46) Dibromomethane	9.46	93	4110	9.830	ug/l	98
47) Bromodichloromethane	9.64	83	10828	9.851	ug/l #	96
48) Methyl methacrylate	9.44	41	3739	9.445	ug/l	99
49) 1,4-Dioxane	9.45	88	1287	194.154	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	18760	50.050	ug/l	98
52) Toluene	10.39	92	20584	10.023	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	10575	9.673	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	11812	9.781	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	5739	9.957	ug/l	98
56) Ethyl methacrylate	10.65	69	6596	9.686	ug/l	99
57) 1,3-Dichloropropane	10.93	76	9592	10.022	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	15929	51.231	ug/l	100
59) 2-Hexanone	10.97	43	12989	49.275	ug/l	100
60) Dibromochloromethane	11.13	129	7265	9.519	ug/l	96
61) 1,2-Dibromoethane	11.23	107	5897	10.103	ug/l	96
64) Tetrachloroethene	10.86	164	7538	9.707	ug/l	94
65) Chlorobenzene	11.66	112	23292	9.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	8114	9.567	ug/l	97
67) Ethyl Benzene	11.73	91	40126	9.852	ug/l	98
68) m/p-Xylenes	11.84	106	30871	19.539	ug/l	99
69) o-Xylene	12.17	106	14648	9.890	ug/l	95
70) Styrene	12.18	104	23929	9.829	ug/l	99
71) Bromoform	12.35	173	4213	9.569	ug/l #	98
73) Isopropylbenzene	12.47	105	41000	9.614	ug/l	100
74) N-amyl acetate	12.27	43	7028	9.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	6238	9.756	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	4007m	4.692	ug/l	
77) Bromobenzene	12.75	156	9679	9.903	ug/l	99
78) n-propylbenzene	12.81	91	47761	9.621	ug/l	99
79) 2-Chlorotoluene	12.90	91	28264	9.773	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	35180	9.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	2004	9.647	ug/l	95
82) 4-Chlorotoluene	12.99	91	30551	9.922	ug/l	99
83) tert-Butylbenzene	13.21	119	30566	9.470	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	35666	9.609	ug/l	99
85) sec-Butylbenzene	13.39	105	43127	9.695	ug/l	100
86) p-Isopropyltoluene	13.51	119	40315	9.967	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	20063	10.339	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	19386	9.987	ug/l	97
89) n-Butylbenzene	13.83	91	36654	9.884	ug/l	98
90) Hexachloroethane	14.10	117	6781	9.549	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	17463	10.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1278	9.733	ug/l	93

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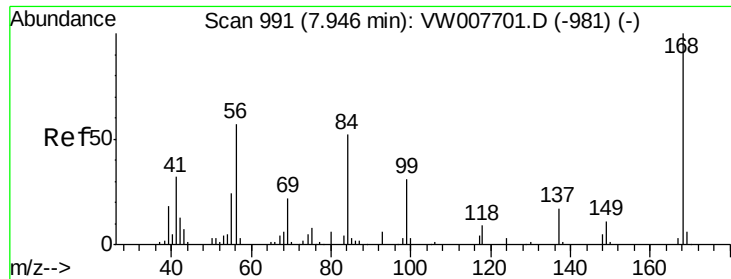
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	12013	9.961	ug/l	99
94) Hexachlorobutadiene	15.24	225	6351	9.854	ug/l	99
95) Naphthalene	15.37	128	20854	9.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	9784	9.477	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 74389

Ion Ratio Lower Upper

168 100

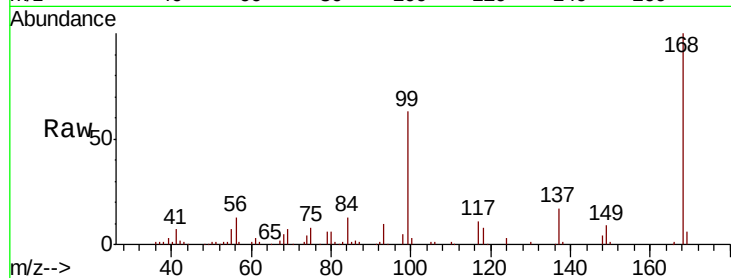
99 63.3 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

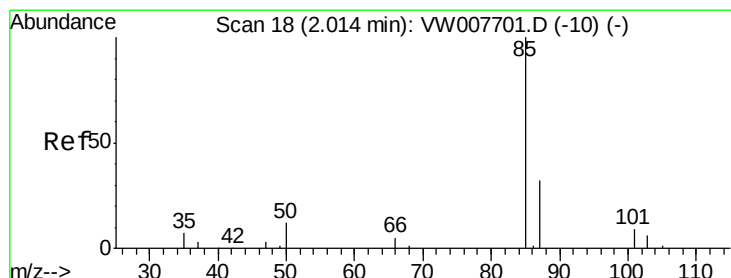
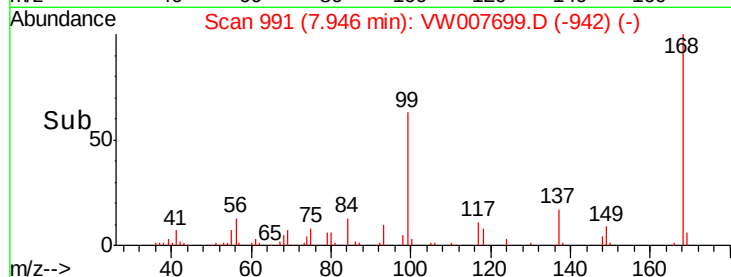
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 9.416 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007699.D

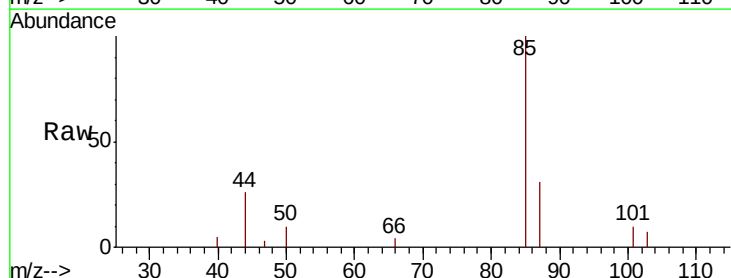
Acq: 19 Dec 2018 14:01

Tgt Ion: 85 Resp: 6227

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

2500

2000

1500

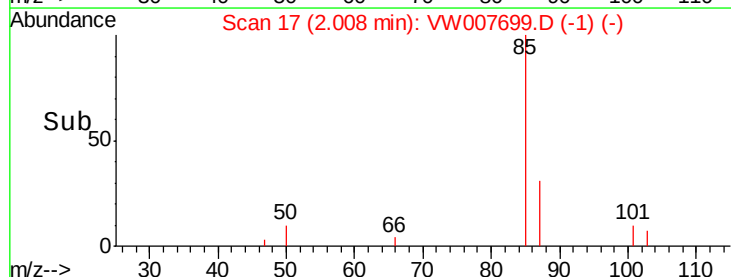
1000

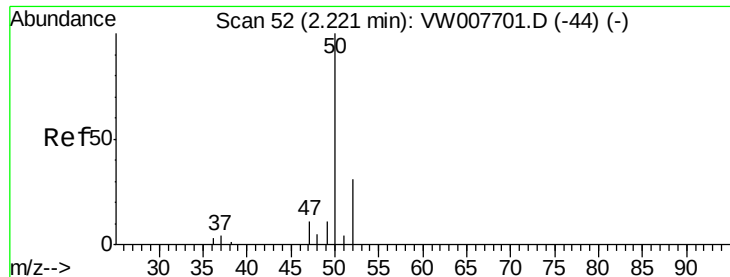
500

0

2.00 2.10

Time-->





#3

Chloromethane

Concen: 9.205 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 3738

Ion Ratio Lower Upper

50 100

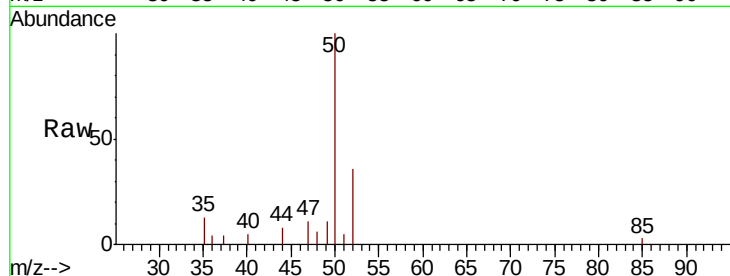
52 36.0 25.1 37.7

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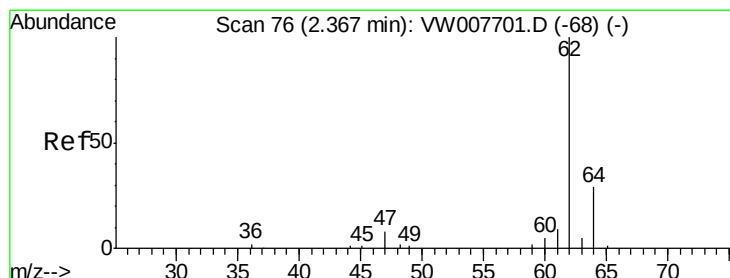
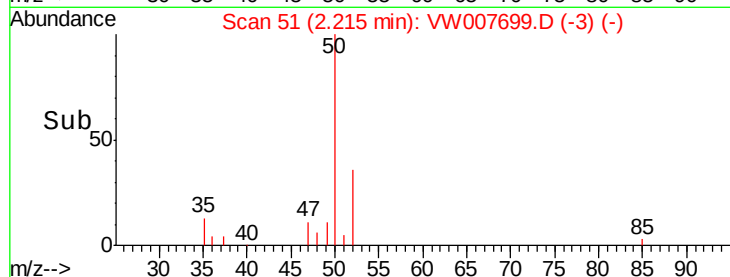
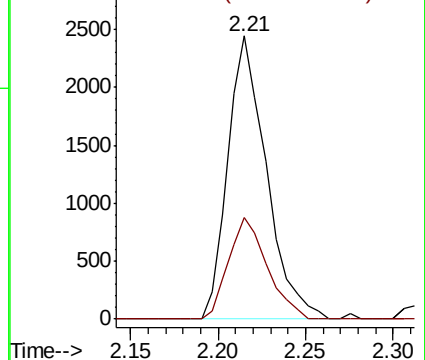
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 9.752 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007699.D

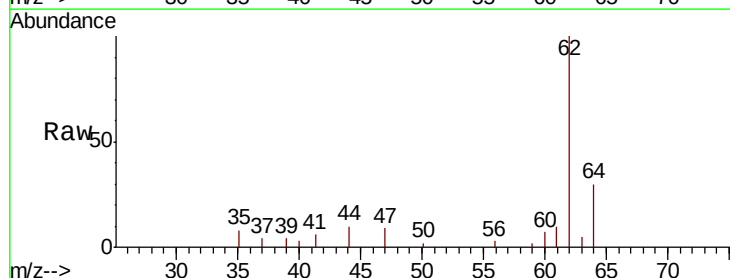
Acq: 19 Dec 2018 14:01

Tgt Ion: 62 Resp: 5041

Ion Ratio Lower Upper

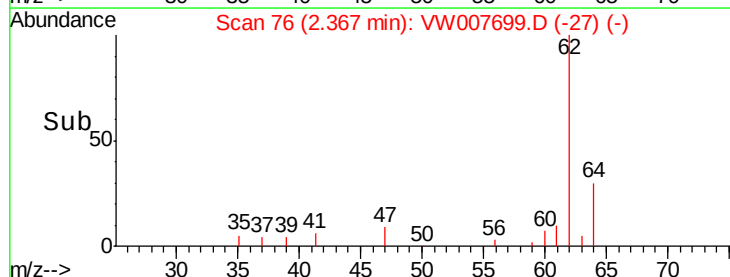
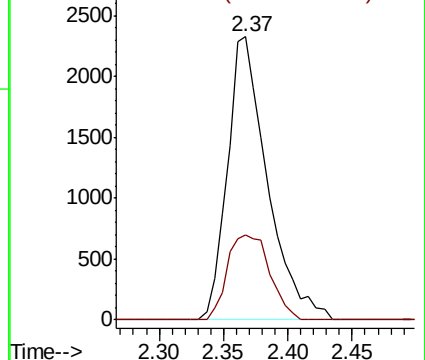
62 100

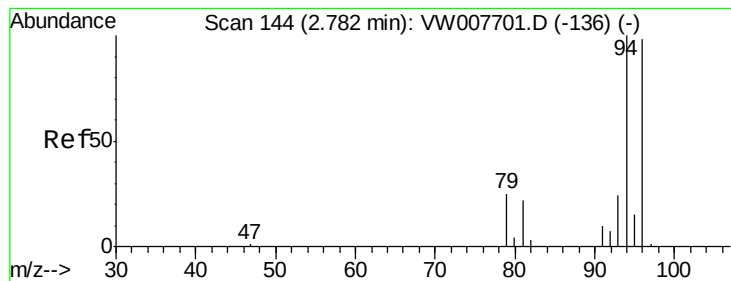
64 29.9 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 9.932 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 3576

Ion Ratio Lower Upper

94 100

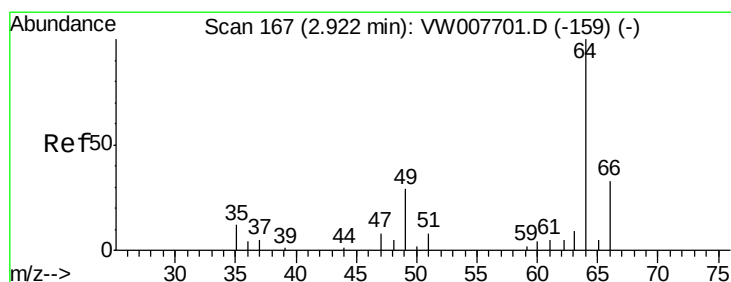
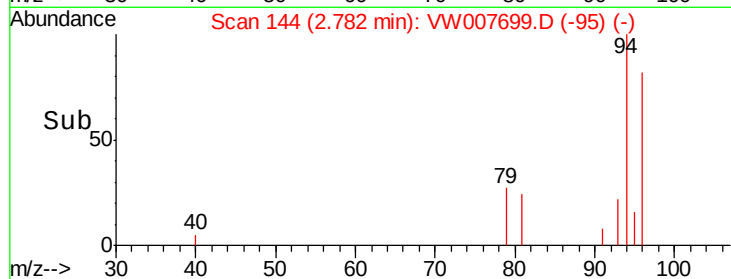
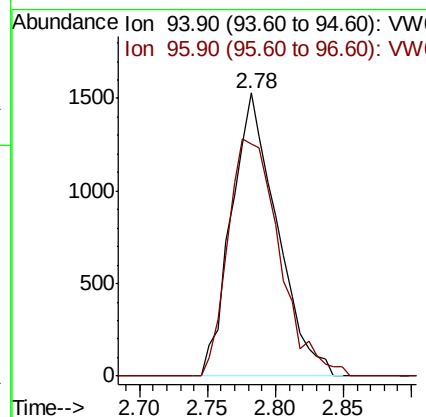
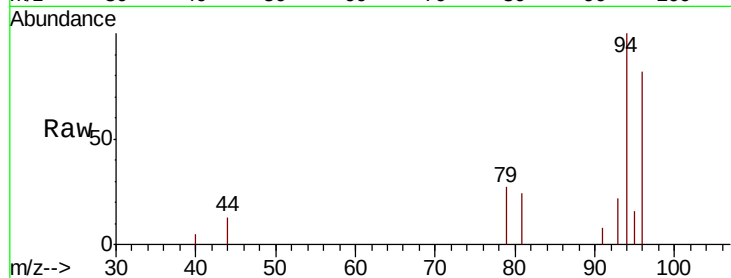
96 82.1 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 10.201 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007699.D

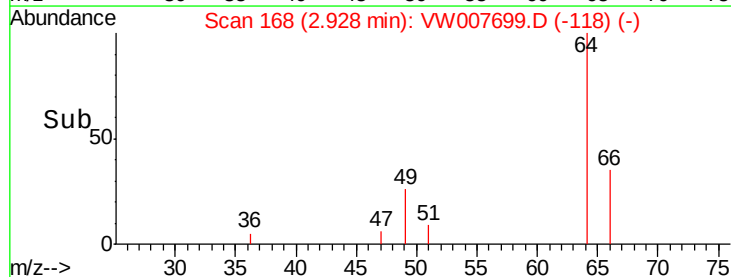
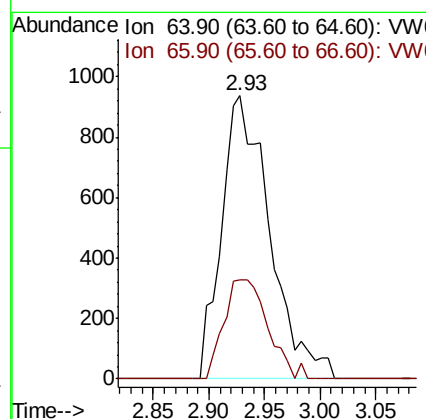
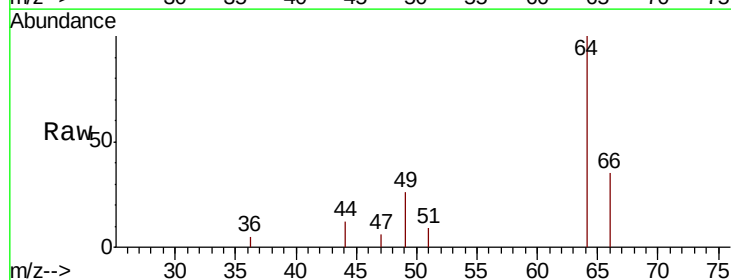
Acq: 19 Dec 2018 14:01

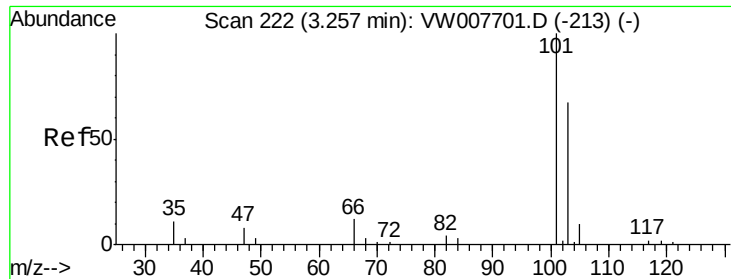
Tgt Ion: 64 Resp: 2821

Ion Ratio Lower Upper

64 100

66 35.0 26.2 39.4





#7

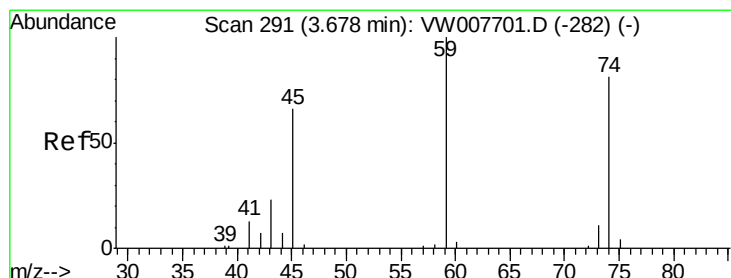
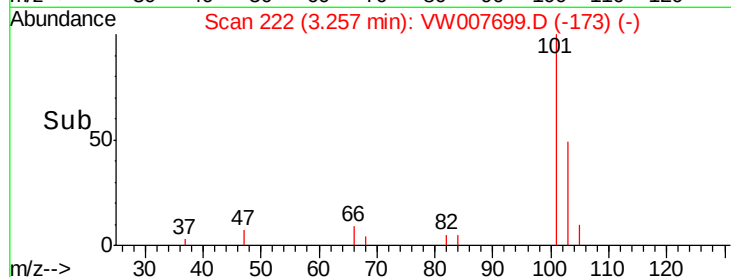
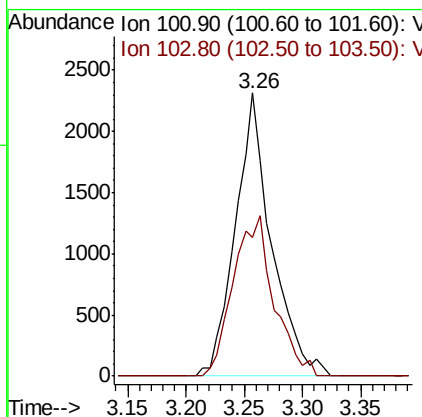
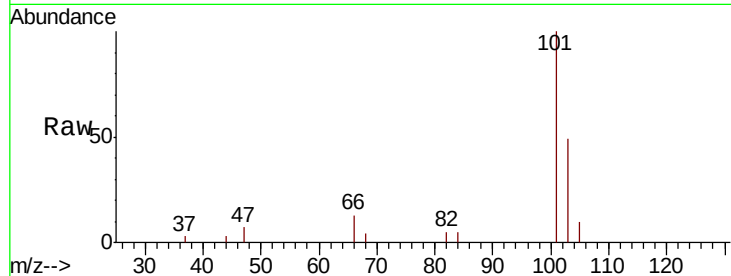
Trichlorofluoromethane
 Concen: 9.287 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

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 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	49.2	53.4	80.2#

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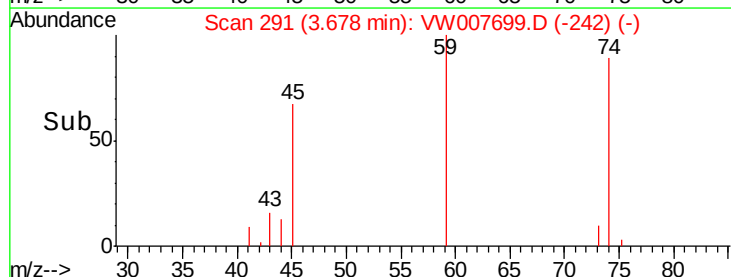
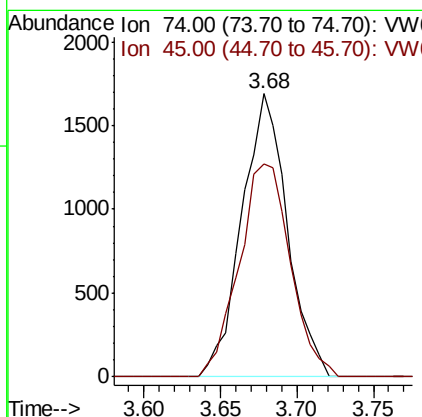
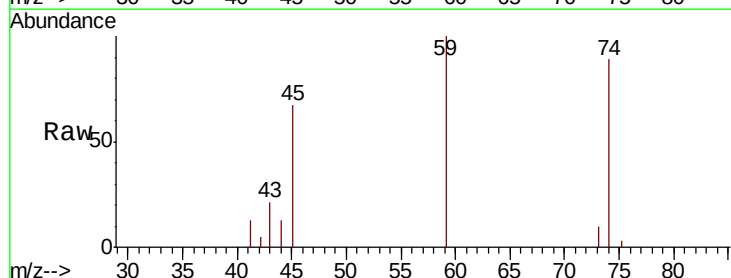
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 12/20/2018 11:19:33 AM

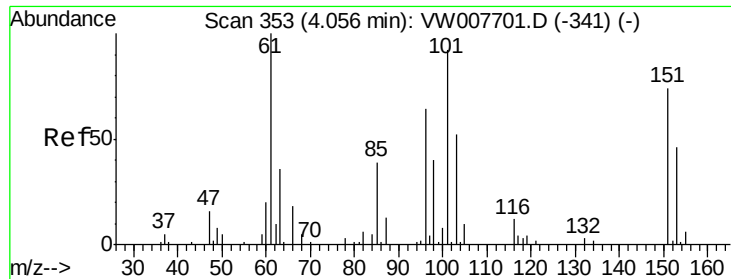


#8

Diethyl Ether
 Concen: 10.630 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.6	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.163 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

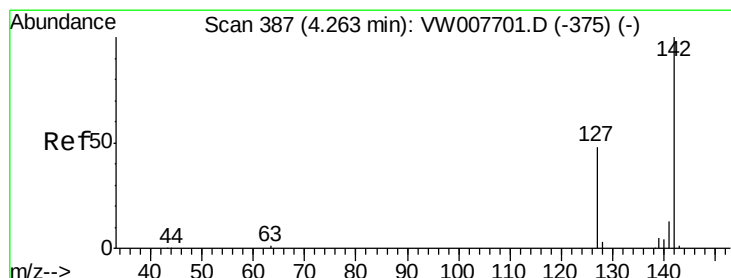
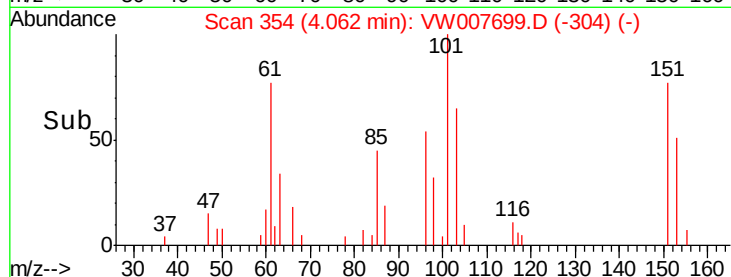
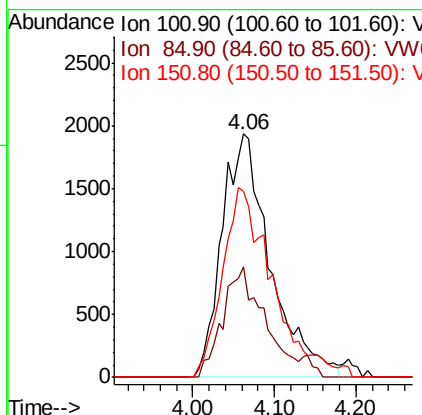
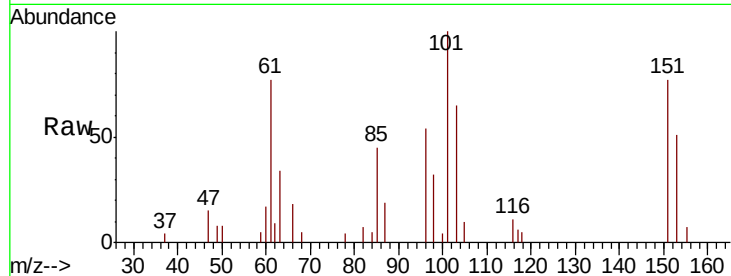
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	7953
Ion Ratio	Lower	Upper	
101	100		
85	39.1	34.3	51.5
151	80.5	64.6	96.8

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#10

Methyl Iodide

Concen: 10.028 ug/l

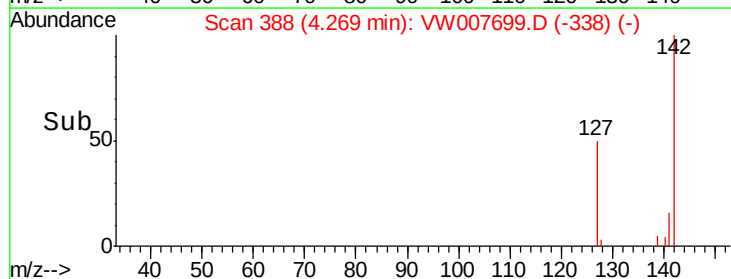
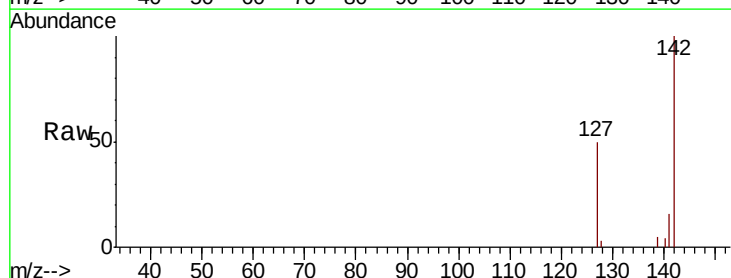
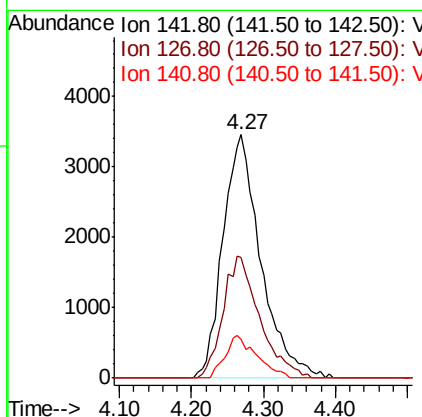
RT: 4.27 min Scan# 388

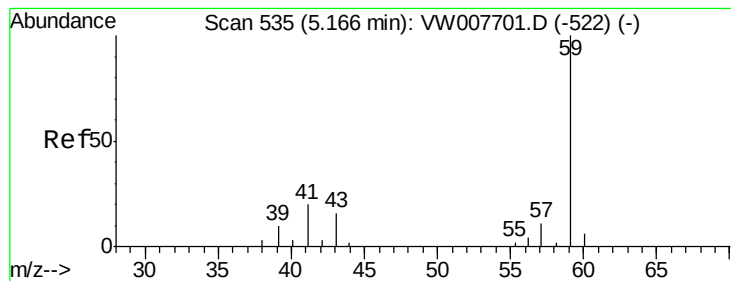
Delta R.T. 0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Tgt Ion:	142	Resp:	12640
Ion Ratio	Lower	Upper	
142	100		
127	48.3	37.7	56.5
141	14.5	11.5	17.3





#11

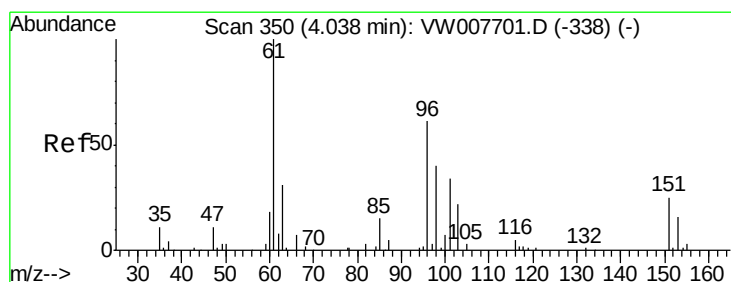
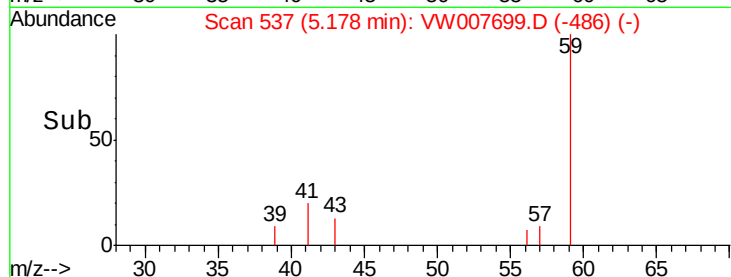
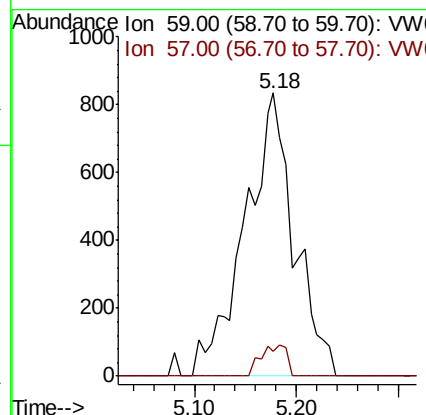
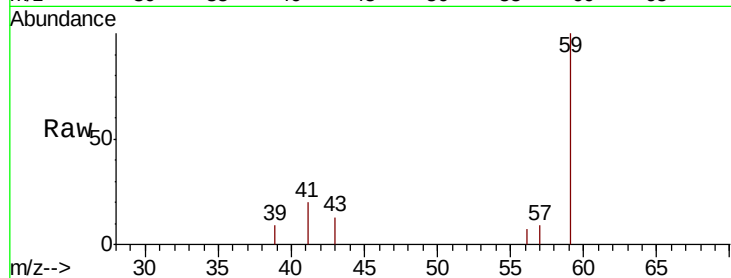
Tert butyl alcohol
 Concen: 51.036 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.8	7.8	11.8#

Manual Integrations
 APPROVED

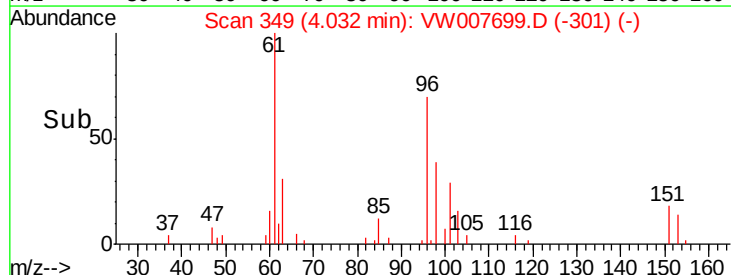
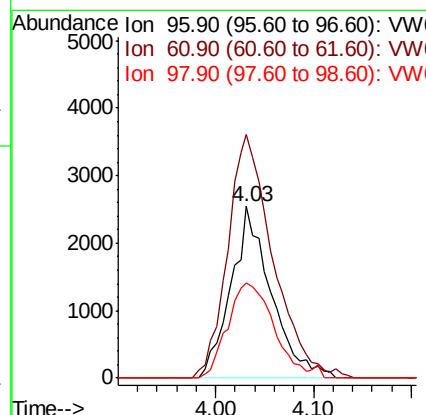
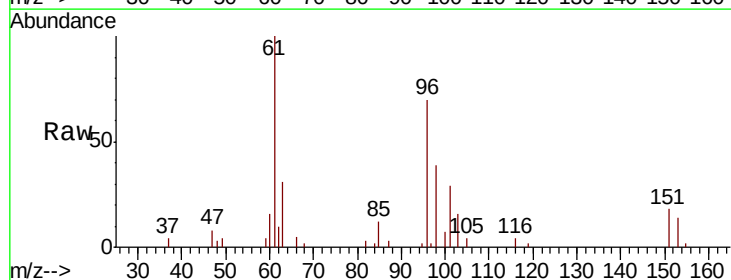
apatel
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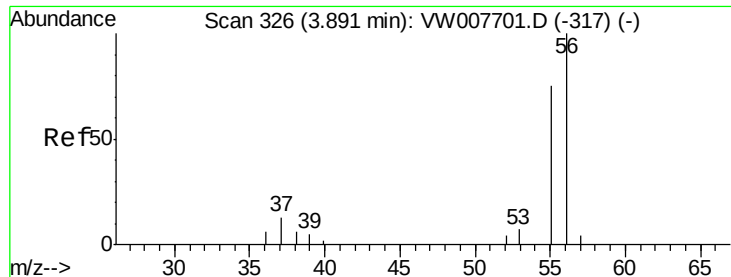


#12

1,1-Dichloroethene
 Concen: 9.904 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.9	130.6	195.8
98	55.8	52.3	78.5





#13

Acrolein

Concen: 52.710 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 2318

Ion Ratio Lower Upper

56 100

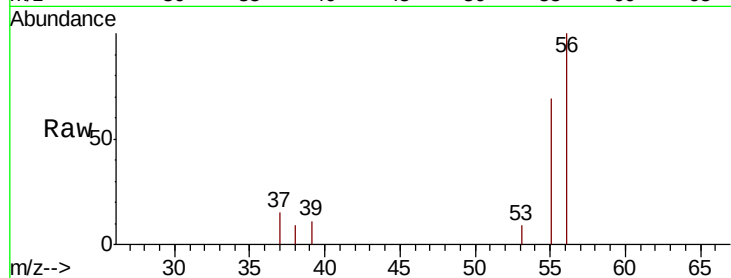
55 71.9 57.7 86.5

Manual Integrations

APPROVED

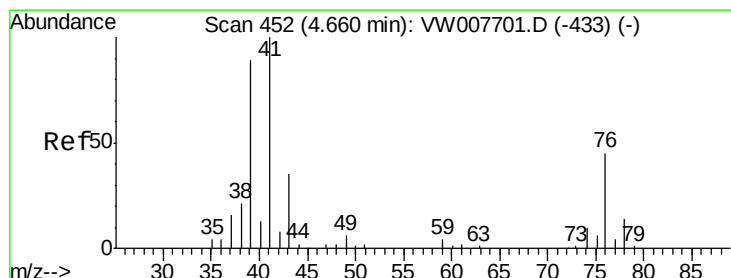
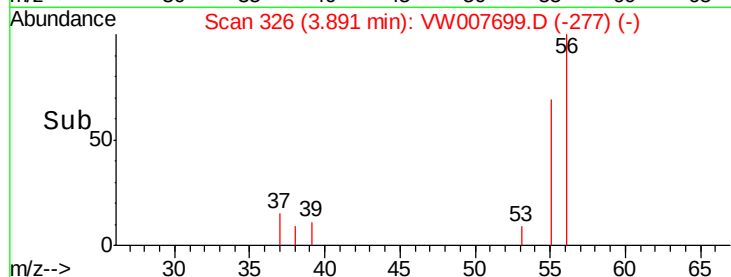
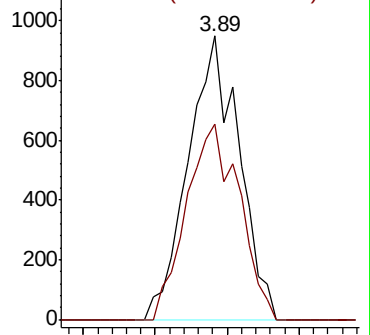
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 9.905 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

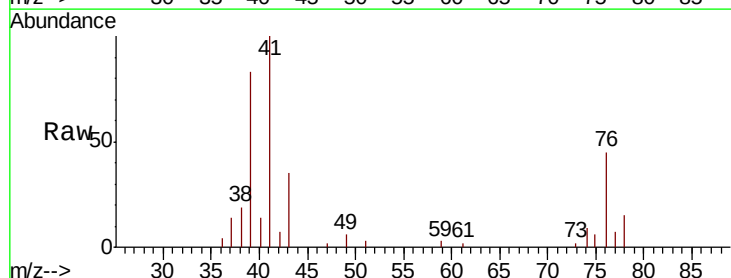
Tgt Ion: 41 Resp: 9533

Ion Ratio Lower Upper

41 100

39 88.7 69.5 104.3

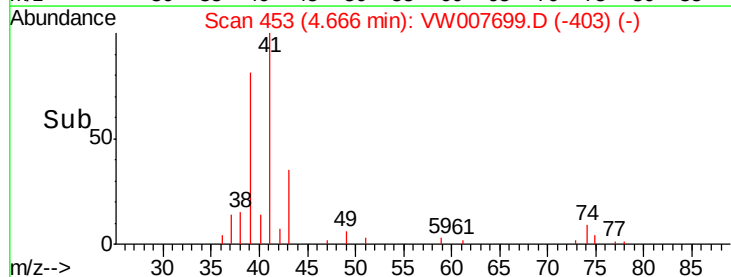
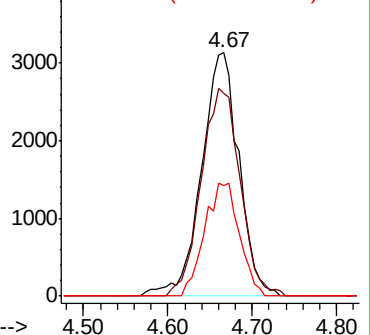
76 43.2 34.8 52.2

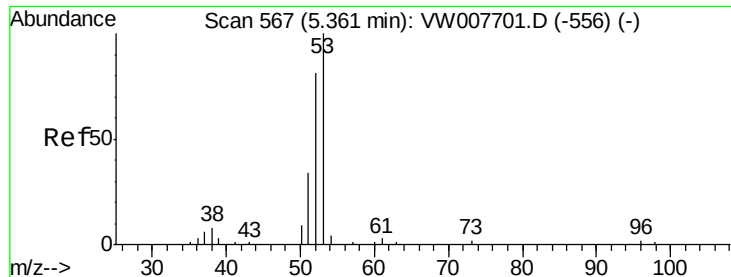


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 50.153 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

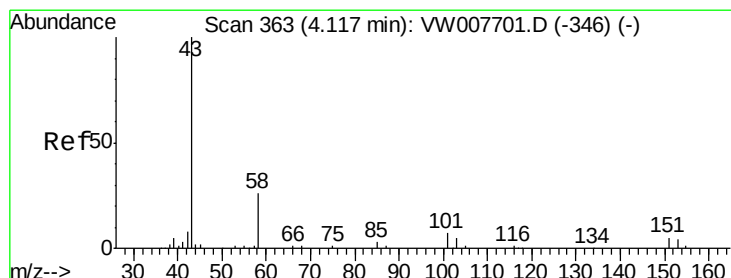
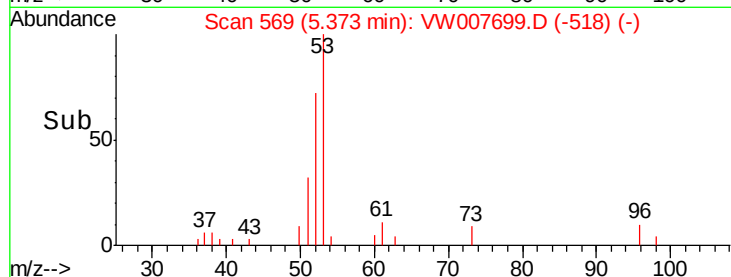
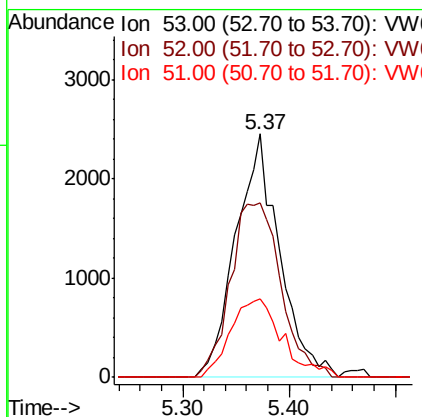
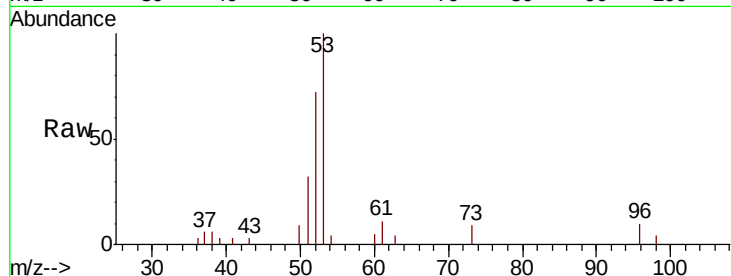
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	7052
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.0	100.4
51	38.0	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 51.821 ug/l

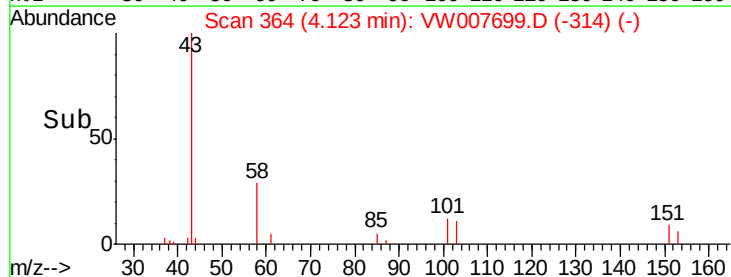
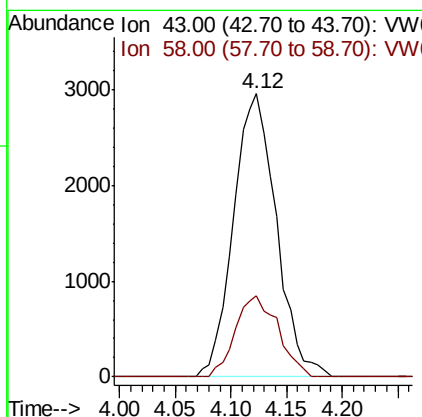
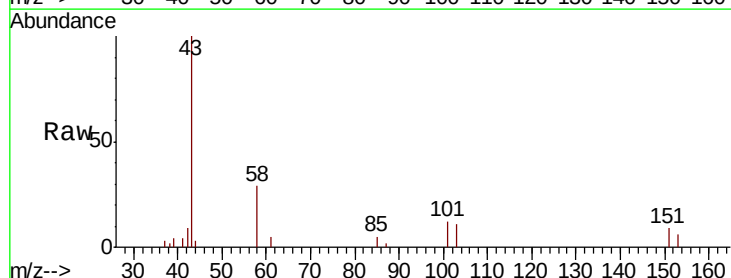
RT: 4.12 min Scan# 364

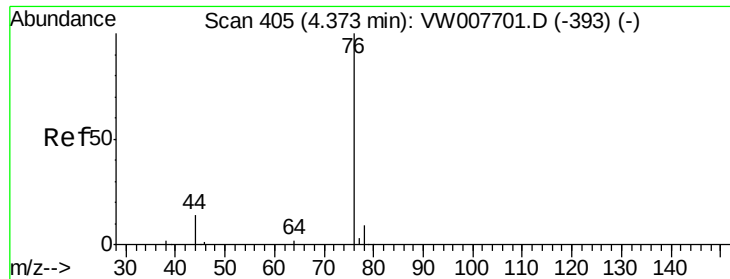
Delta R.T. 0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Tgt Ion:	43	Resp:	7912
Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.2	31.8





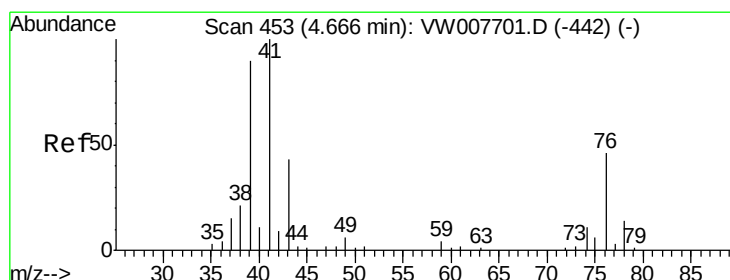
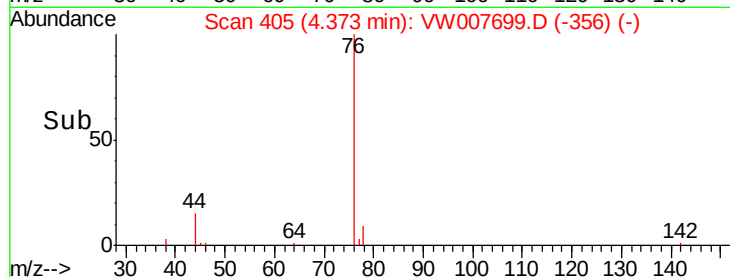
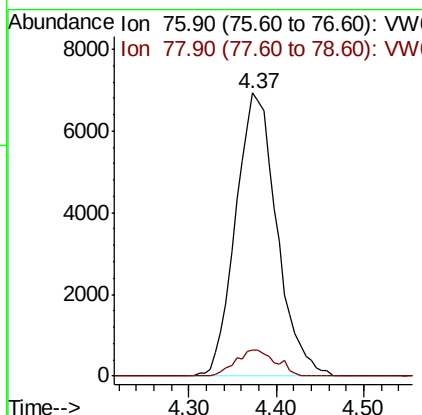
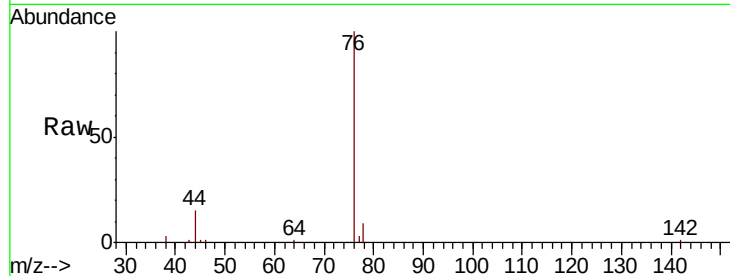
#17
Carbon Disulfide
Concen: 9.968 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

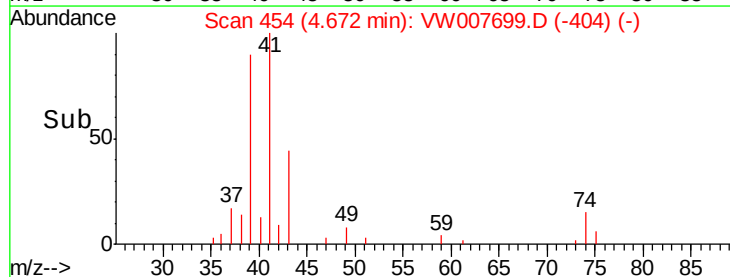
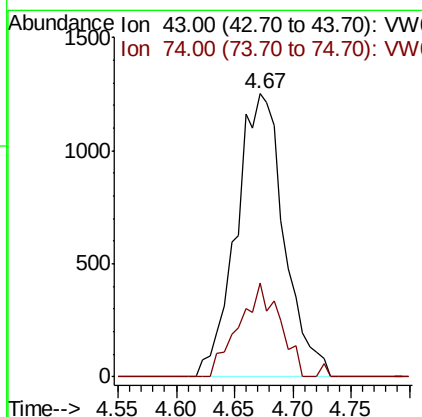
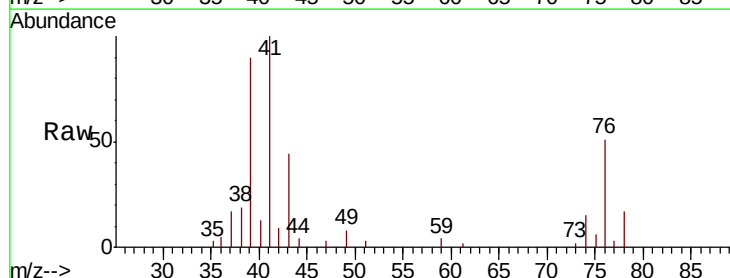
Manual Integrations
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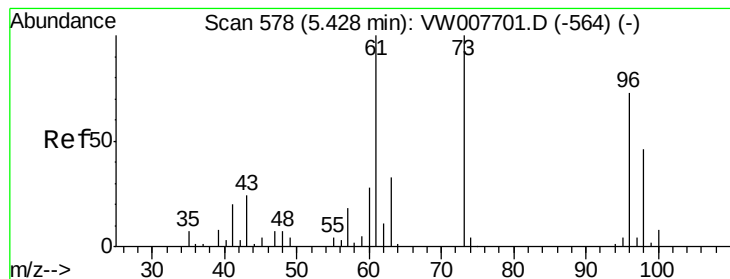
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#18
Methyl Acetate
Concen: 9.859 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	22.7	34.1





#19

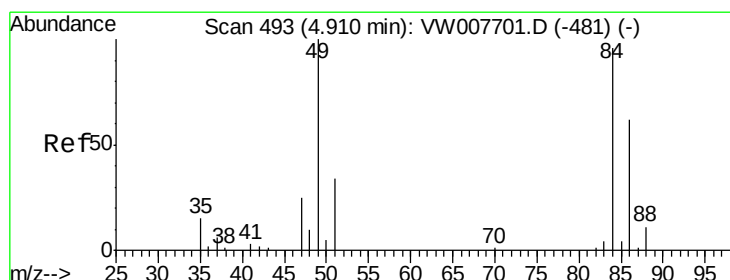
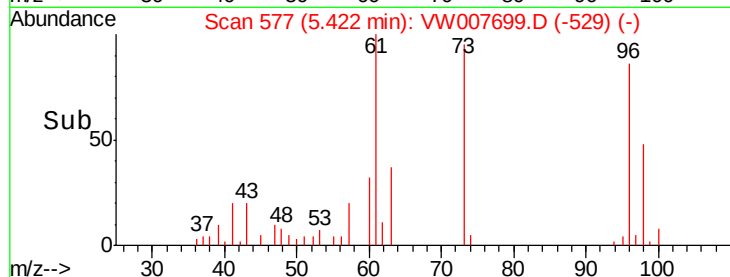
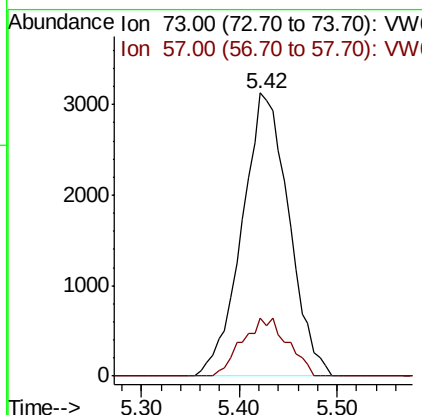
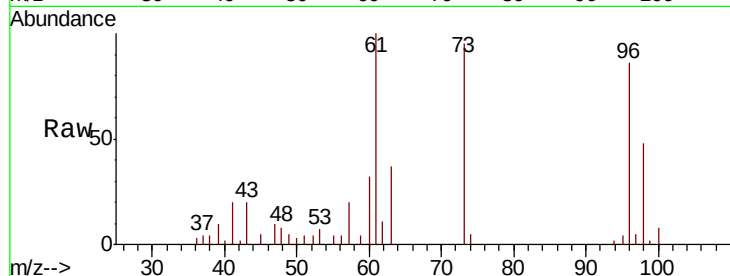
Methyl tert-butyl Ether
 Concen: 9.859 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	14.7	22.1

Manual Integrations
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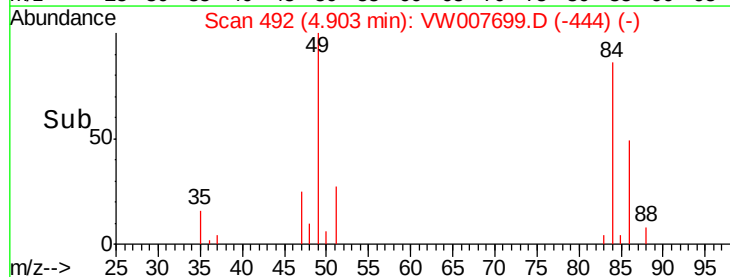
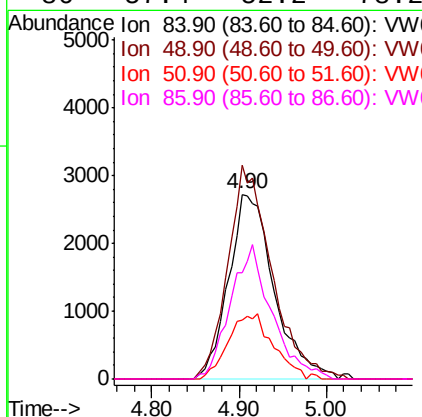
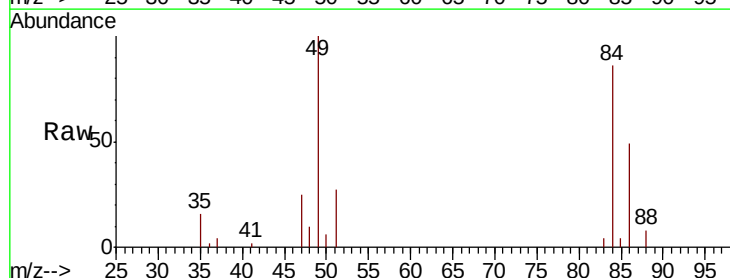
apatel
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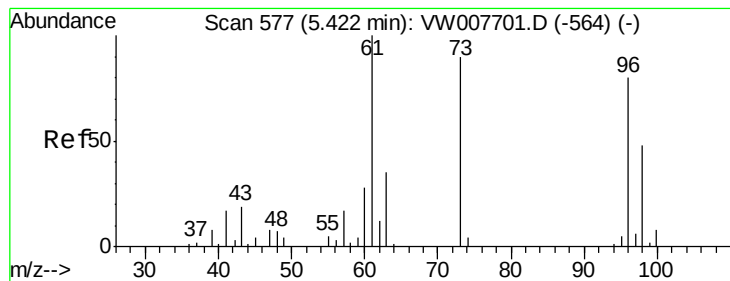


#20

Methylene Chloride
 Concen: 10.694 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.9	83.7	125.5
51	31.7	28.2	42.2
86	57.4	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 10.155 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 96 Resp: 8197

Ion Ratio Lower Upper

96 100

61 116.5 100.1 150.1

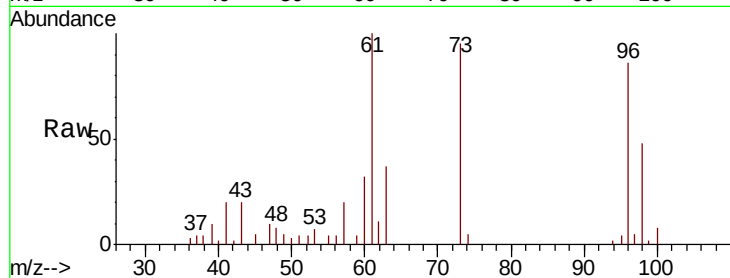
98 55.7 48.5 72.7

Manual Integrations

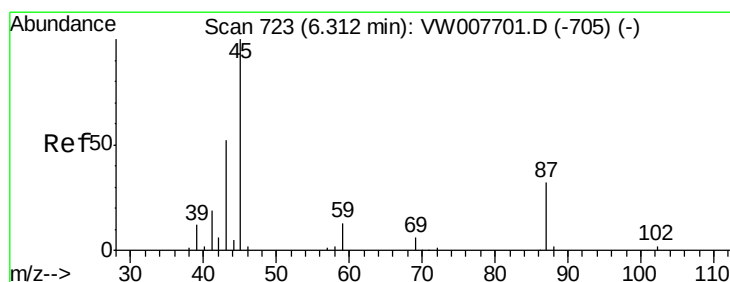
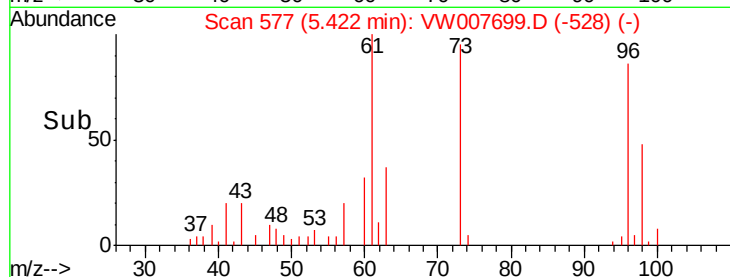
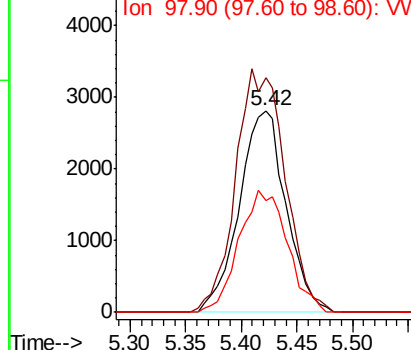
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 9.959 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Tgt Ion: 45 Resp: 17947

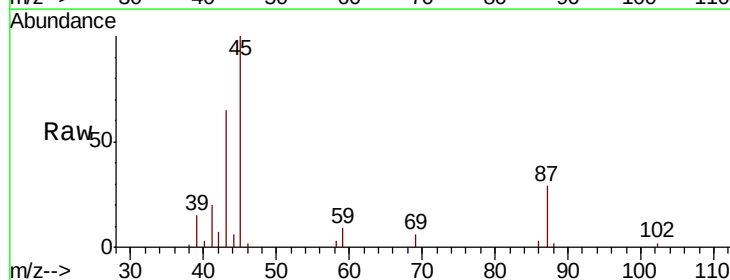
Ion Ratio Lower Upper

45 100

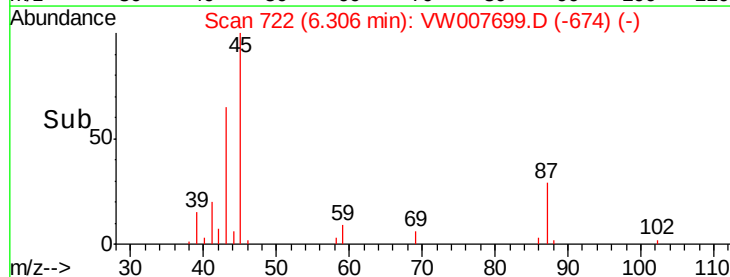
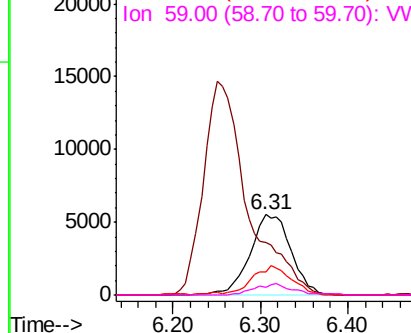
43 65.4 43.7 65.5

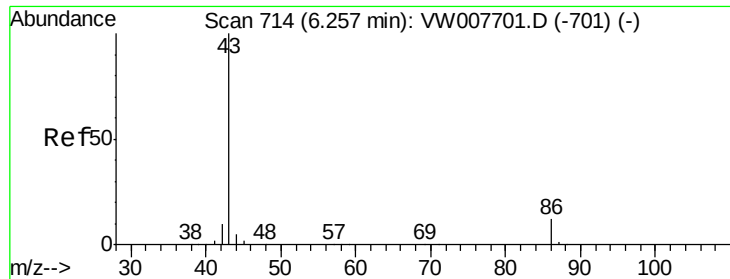
87 29.4 26.6 40.0

59 9.4 10.2 15.2#



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 48.328 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 51746

Ion Ratio Lower Upper

43 100

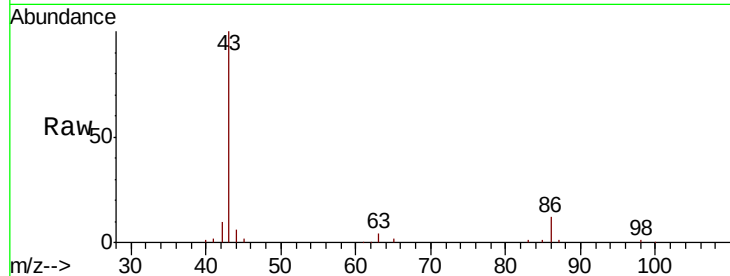
86 11.8 9.6 14.4

Manual Integrations

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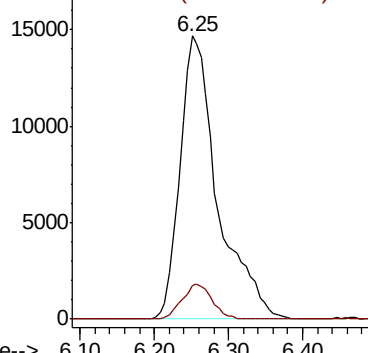
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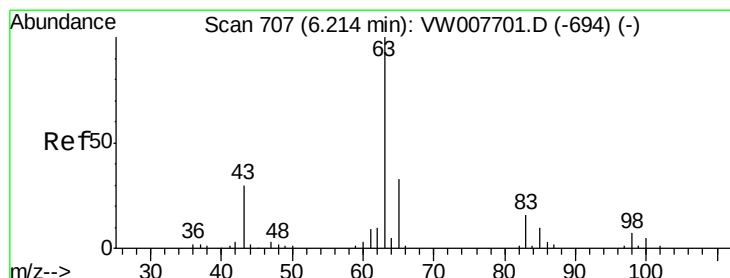
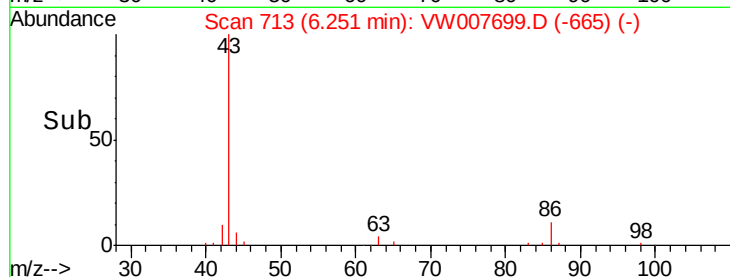


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 9.901 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

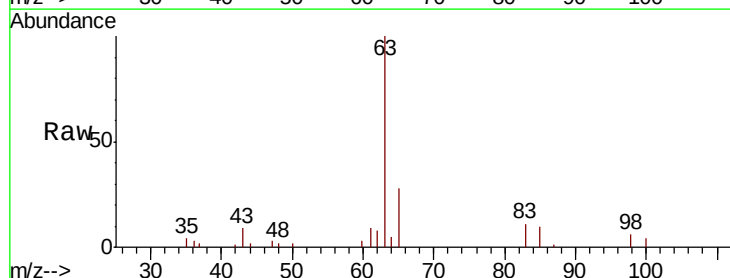
Tgt Ion: 63 Resp: 13127

Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.9

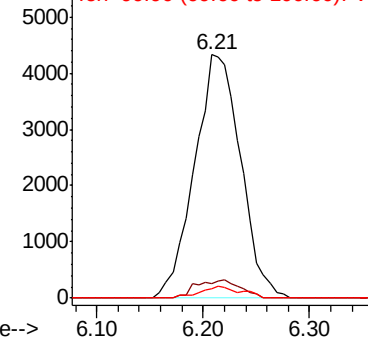
100 3.7 2.5 7.5



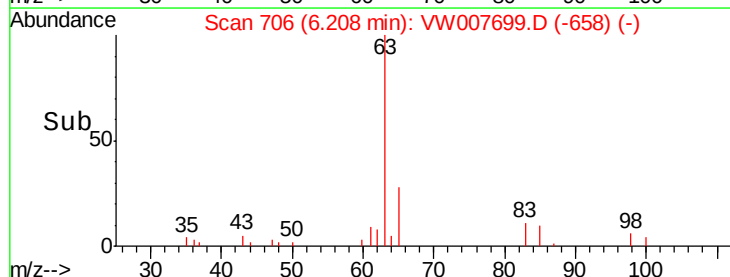
Abundance Ion 62.90 (62.60 to 63.60): VW

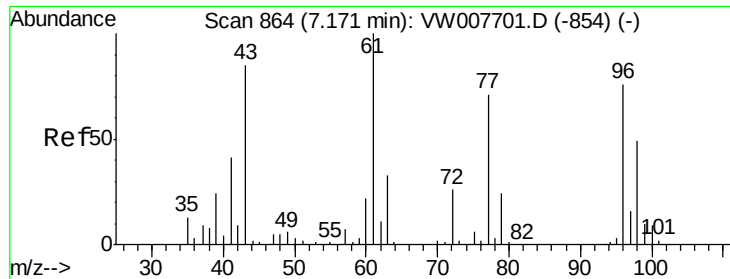
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 49.068 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 8775

Ion Ratio Lower Upper

43 100

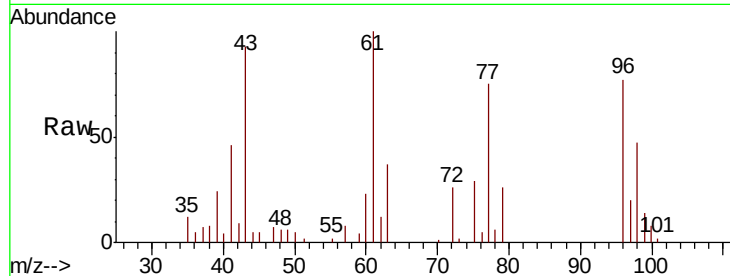
72 28.3 24.5 36.7

Manual Integrations

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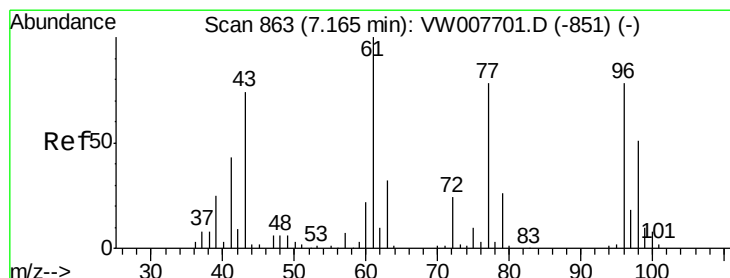
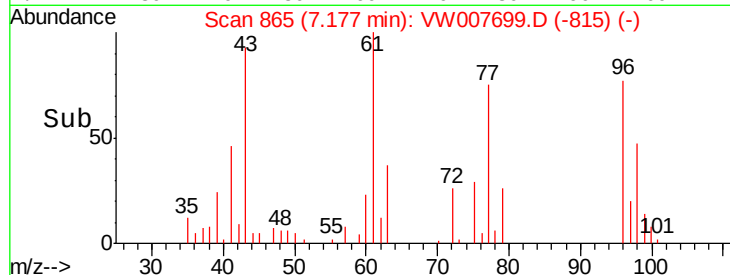
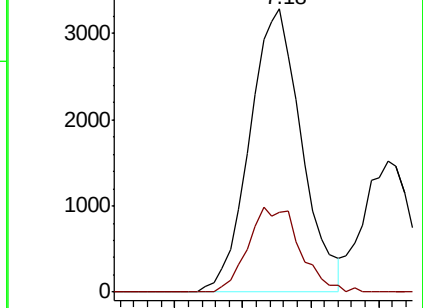
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 10.195 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007699.D

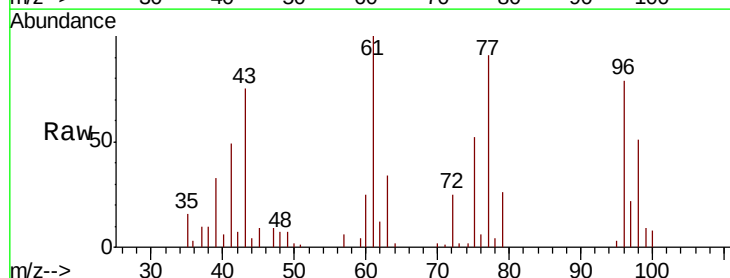
Acq: 19 Dec 2018 14:01

Tgt Ion: 77 Resp: 9891

Ion Ratio Lower Upper

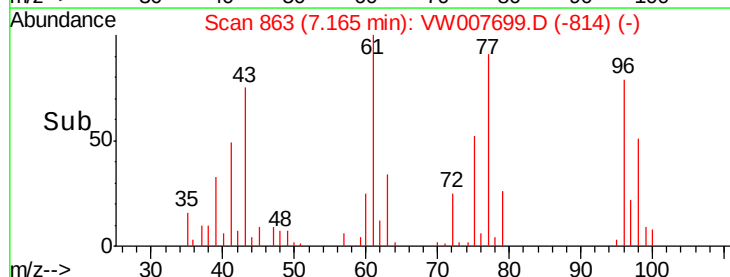
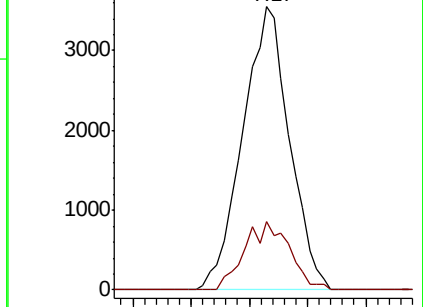
77 100

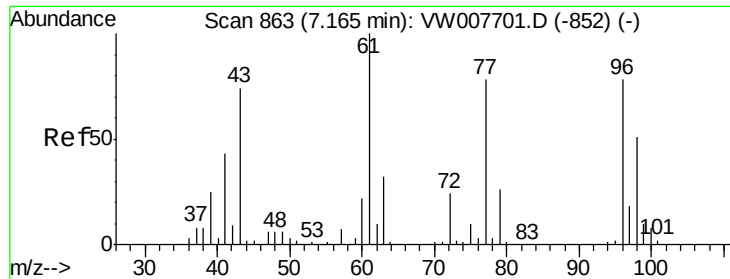
97 23.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

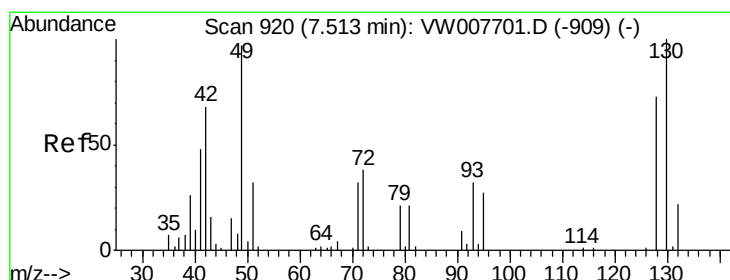
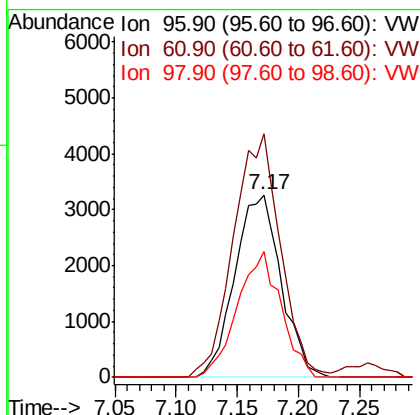
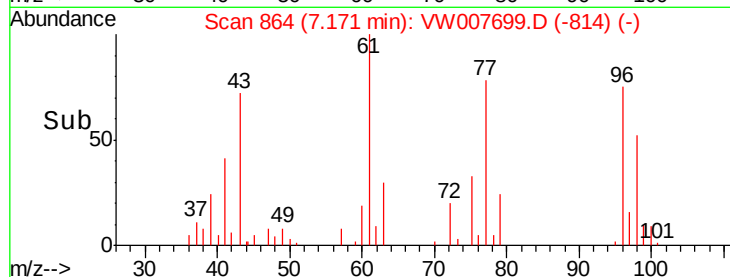
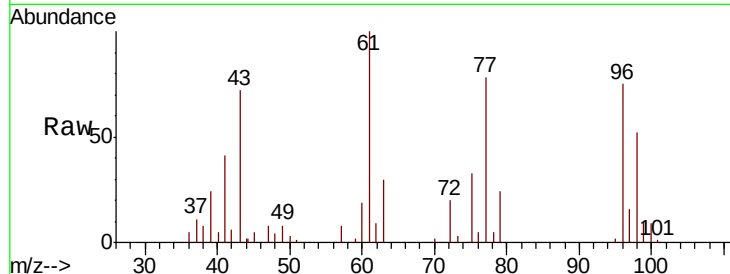
cis-1,2-Dichloroethene
Concen: 9.977 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100	8580		
61	135.3		0.0	271.6
98	64.9		0.0	131.2

Manual Integrations
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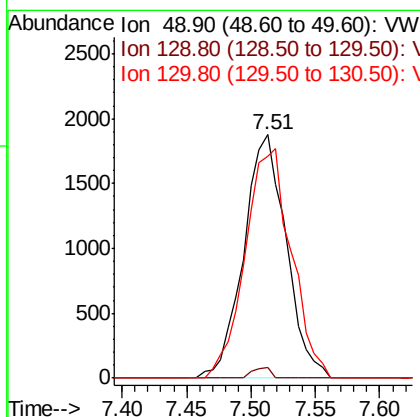
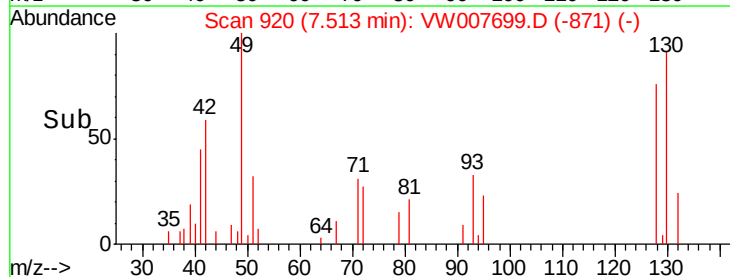
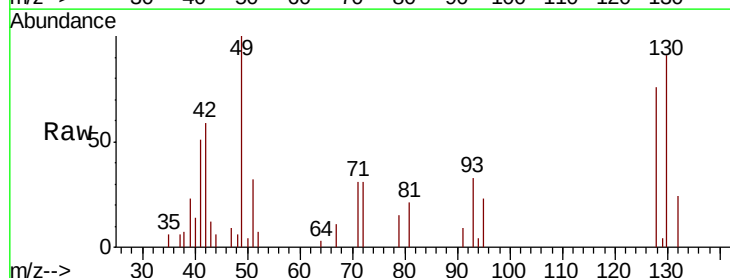
apatel
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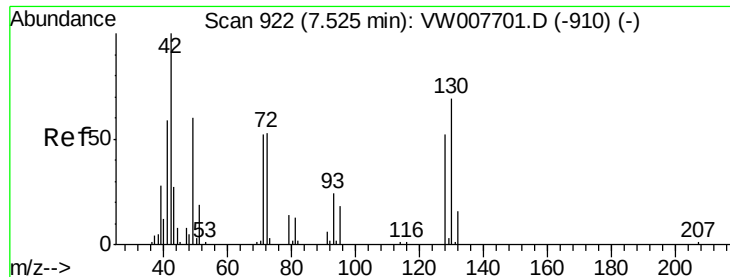


#28

Bromochloromethane
Concen: 9.471 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	4281		
129	1.7		0.0	2.2
130	102.5		81.5	122.3





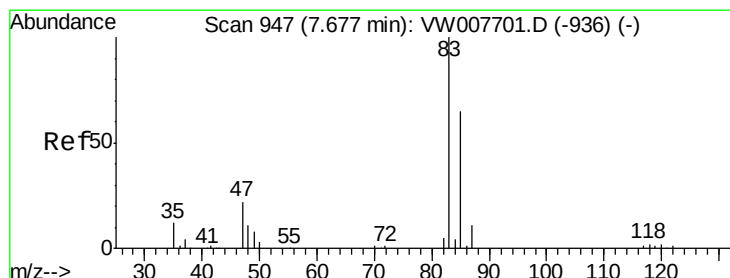
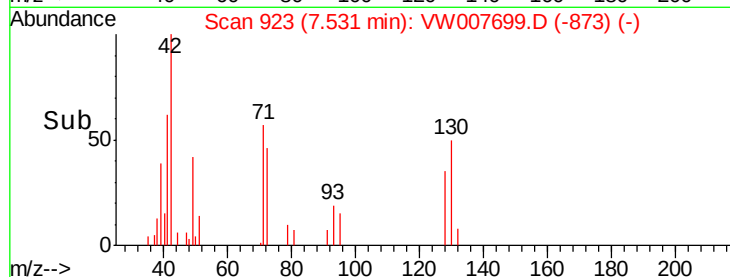
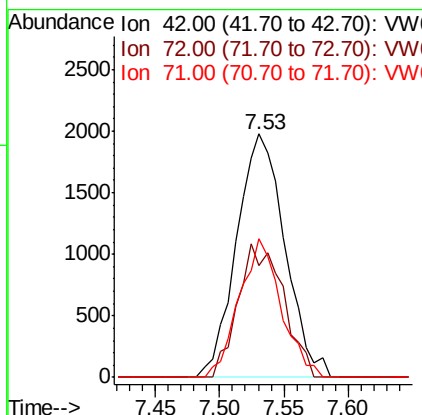
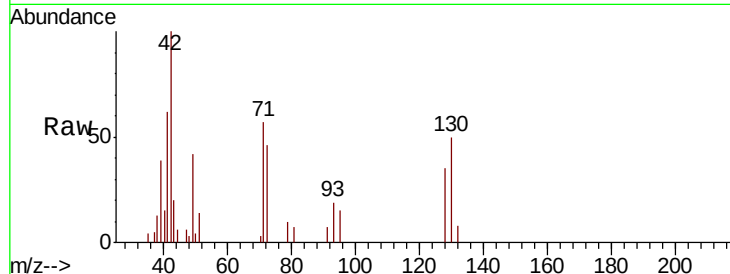
#29
Tetrahydrofuran
Concen: 48.092 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.7	62.5
71	49.2	39.0	58.6

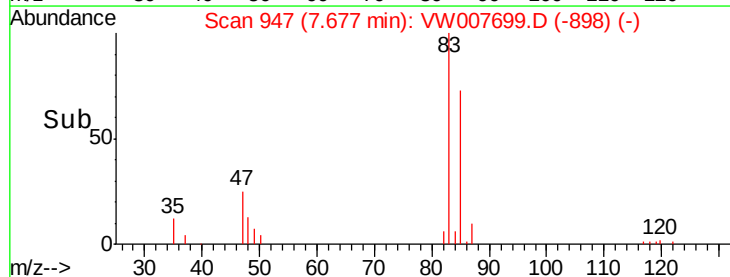
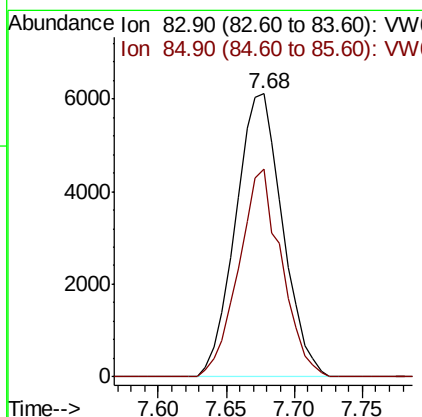
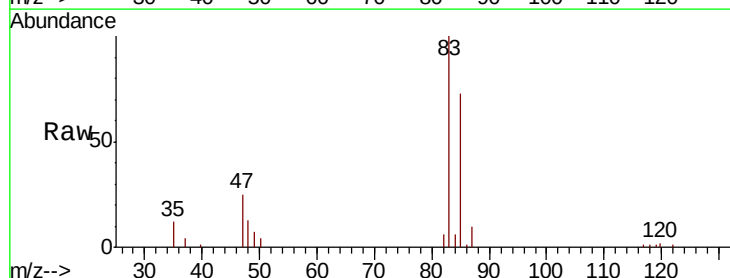
Manual Integrations
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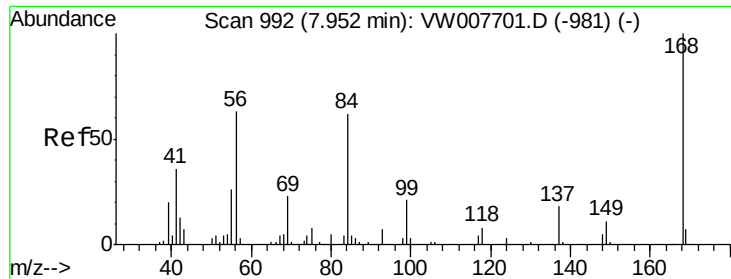
apatel
12/20/2018 11:19:33 AM



#30
Chloroform
Concen: 9.798 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	73.5	52.2	78.2





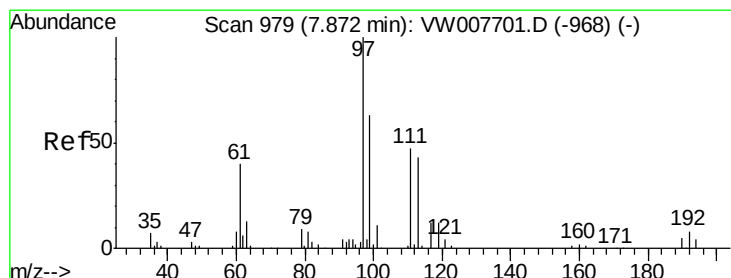
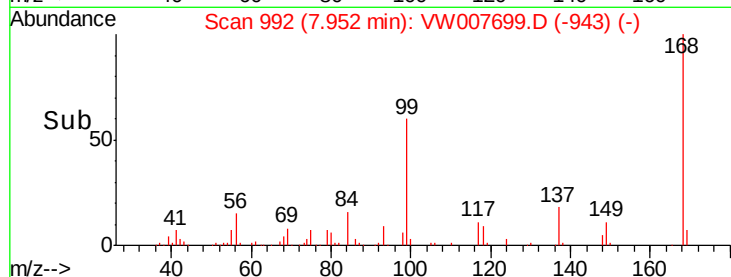
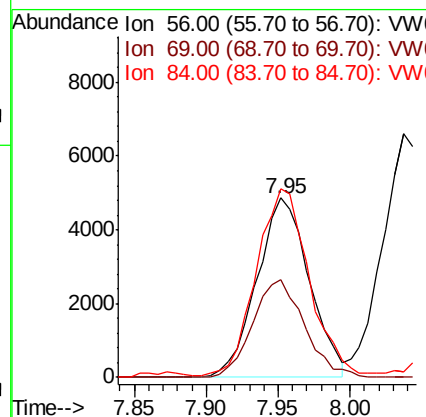
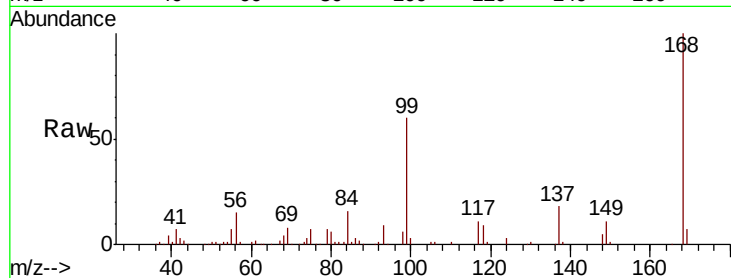
#31
Cyclohexane
Concen: 10.119 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	56	Resp	12282
Ion Ratio	Lower	Upper	
56	100		
69	54.3	29.7	44.5#
84	103.8	78.9	118.3

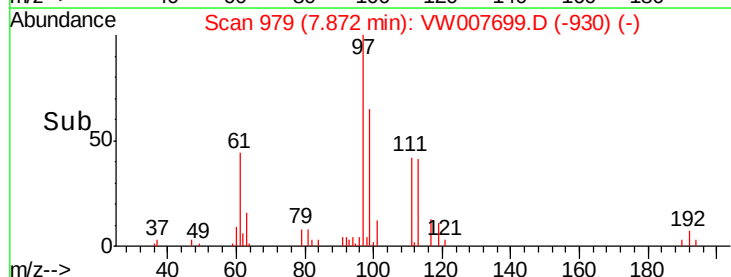
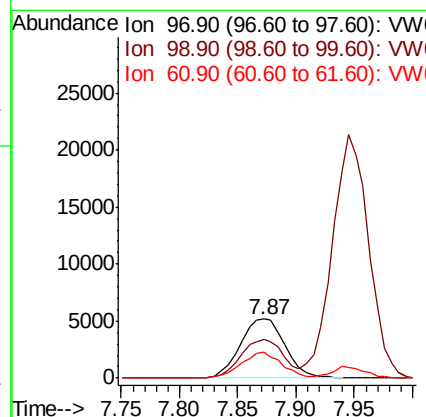
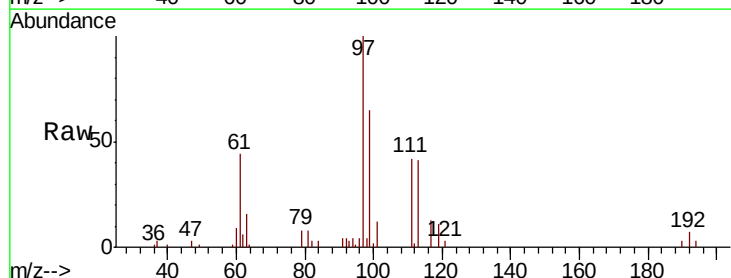
Manual Integrations
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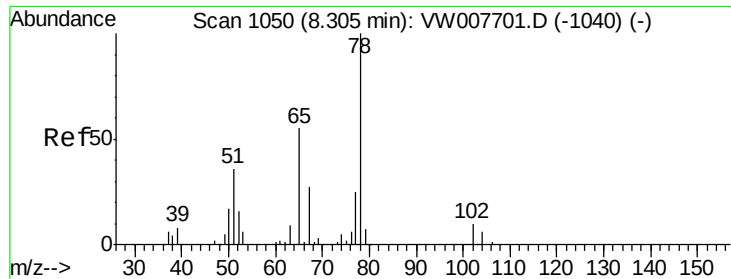
apatel
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#32
1,1,1-Trichloroethane
Concen: 10.142 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	97	Resp	13859
Ion Ratio	Lower	Upper	
97	100		
99	63.1	50.6	76.0
61	39.9	32.3	48.5





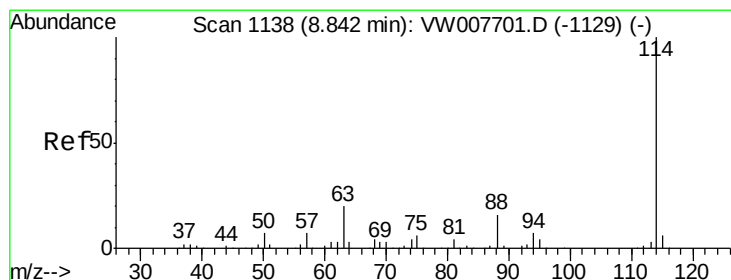
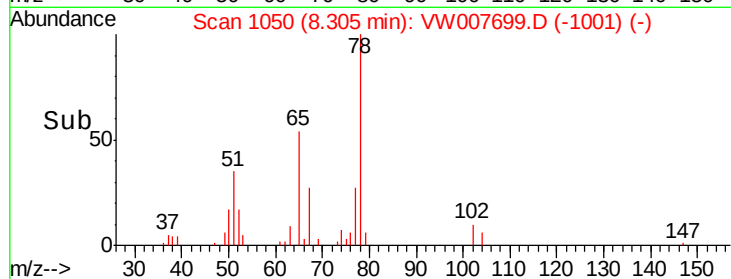
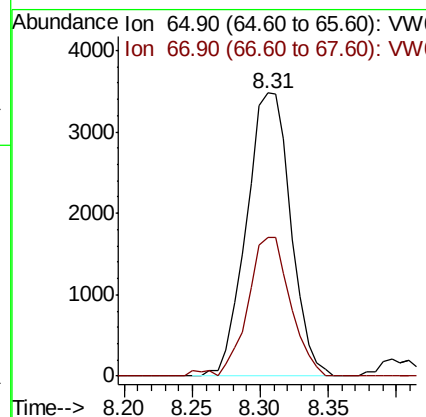
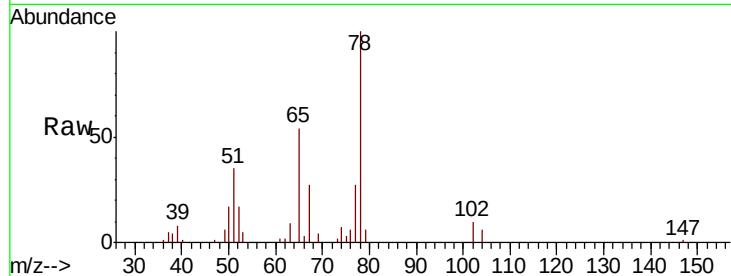
#33
 1,2-Dichloroethane-d4
 Concen: 9.735 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	7937		
67	47.4	0.0	100.6	

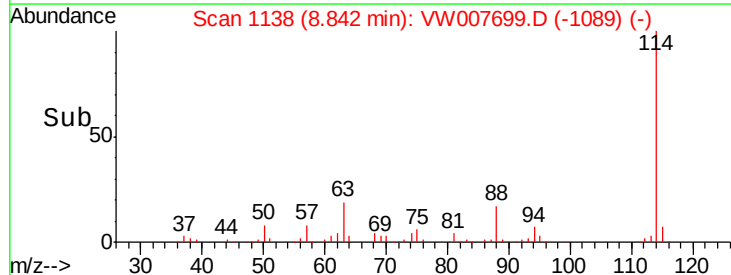
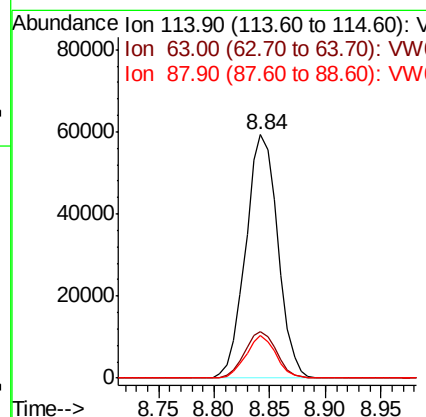
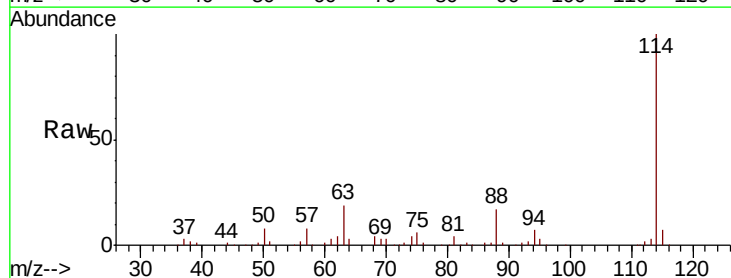
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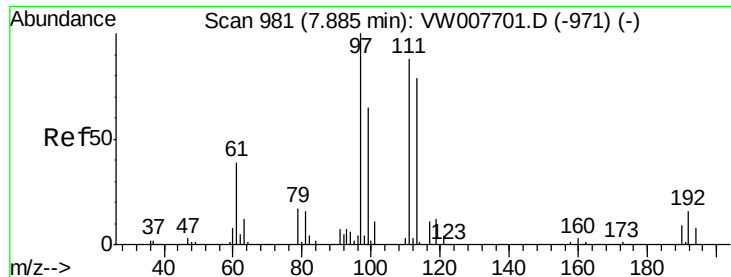
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	118847		
63	19.3	0.0	40.0	
88	17.3	0.0	32.6	





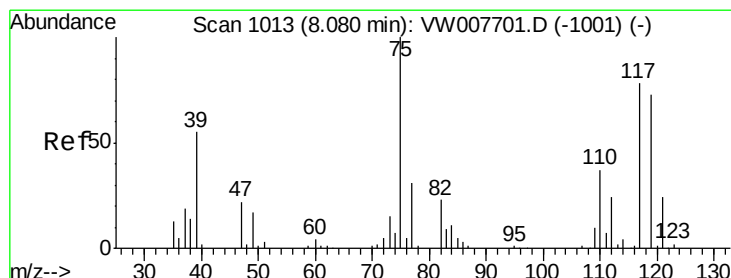
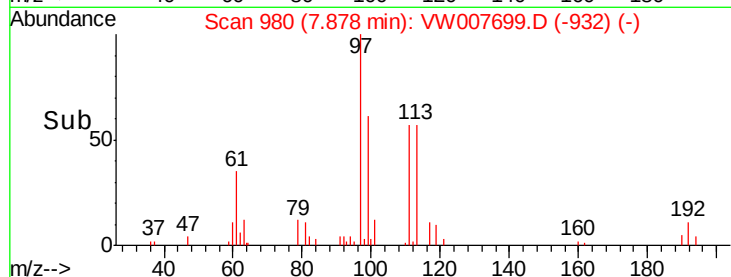
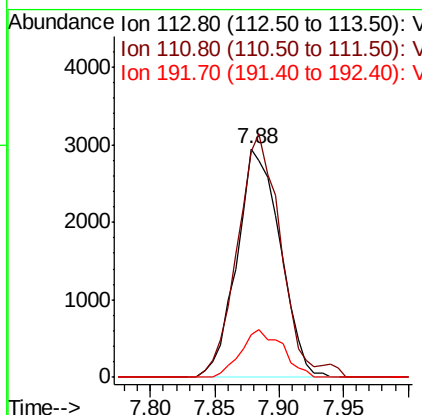
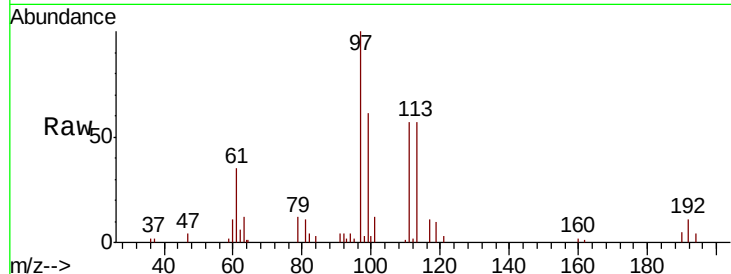
#35
Dibromofluoromethane
Concen: 9.491 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	6881		
111	106.6		82.6	124.0
192	19.9		15.5	23.3

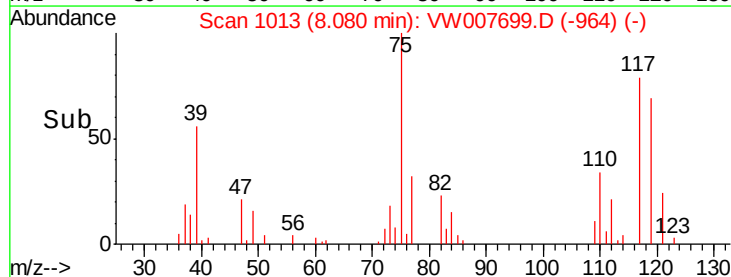
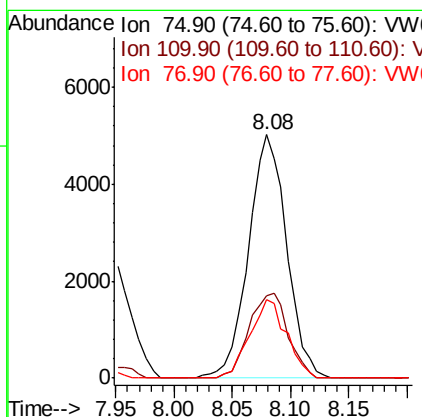
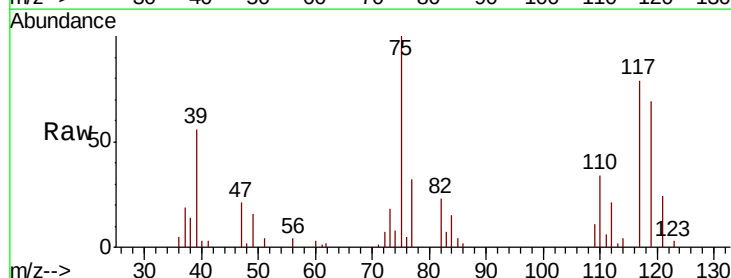
Manual Integrations
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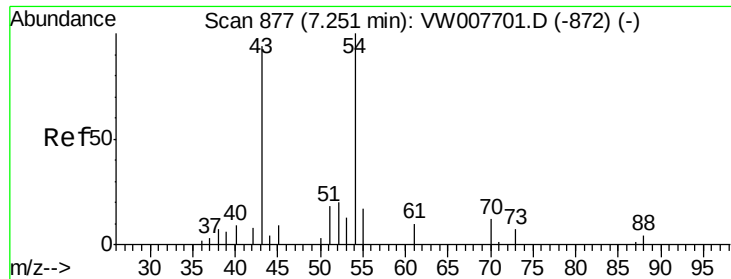
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#36
1,1-Dichloropropene
Concen: 9.983 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	11451		
110	35.5		18.6	55.8
77	31.1		25.0	37.4





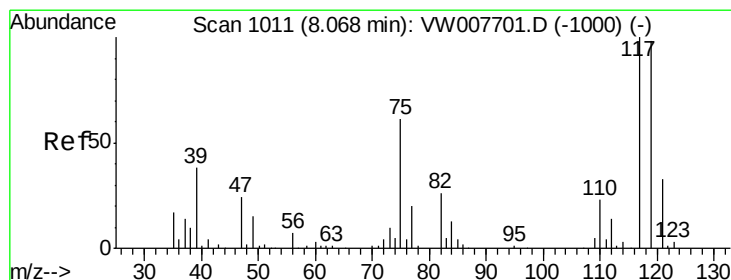
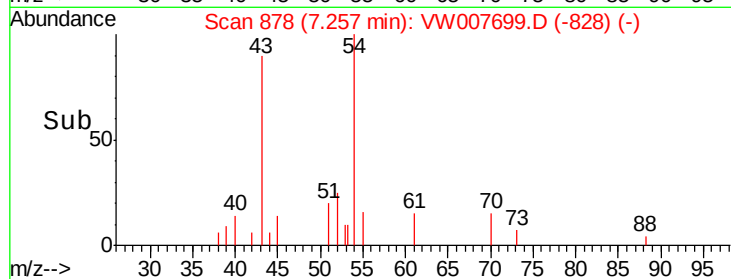
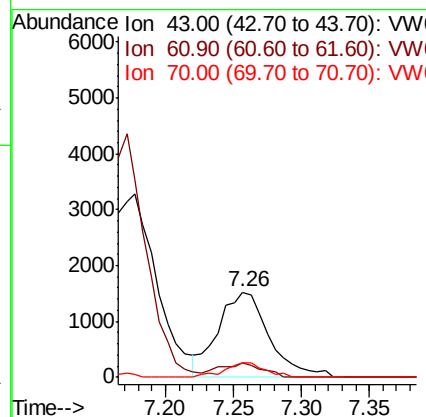
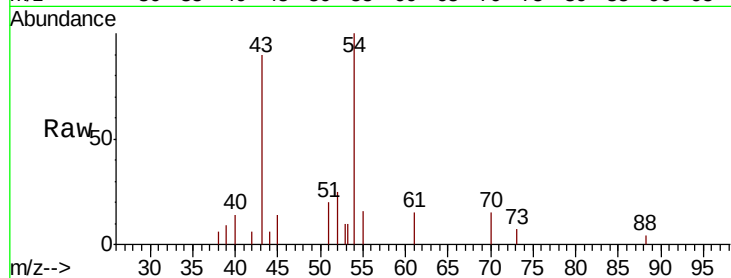
#37
Ethyl Acetate
Concen: 10.041 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.2	16.8
70	13.4	9.3	13.9

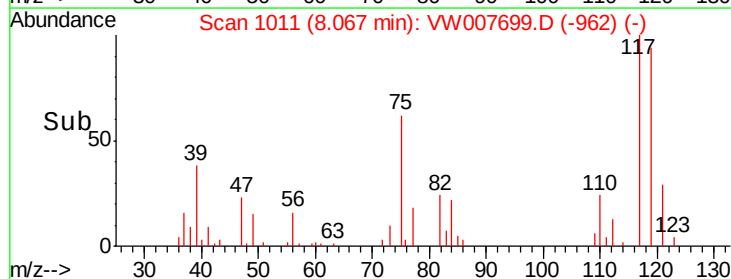
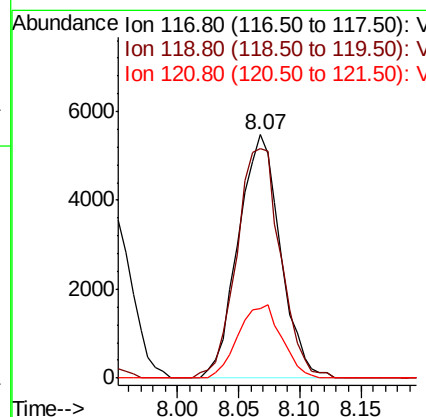
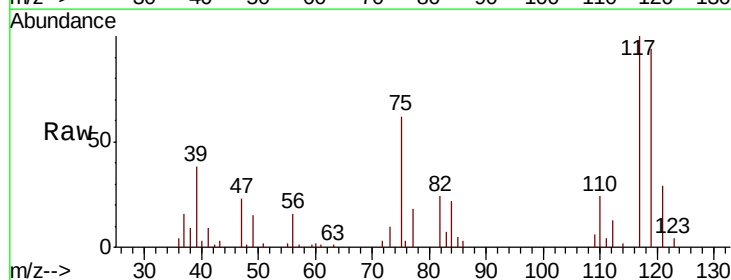
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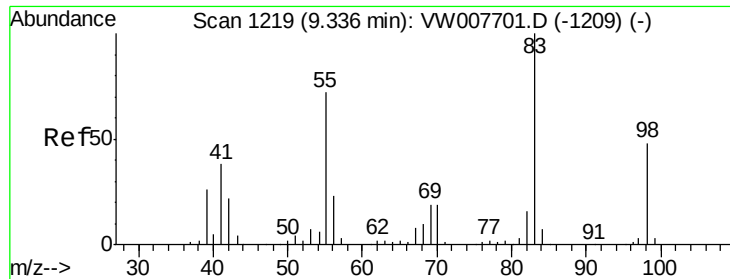
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#38
Carbon Tetrachloride
Concen: 9.726 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.2
121	28.8	26.1	39.1





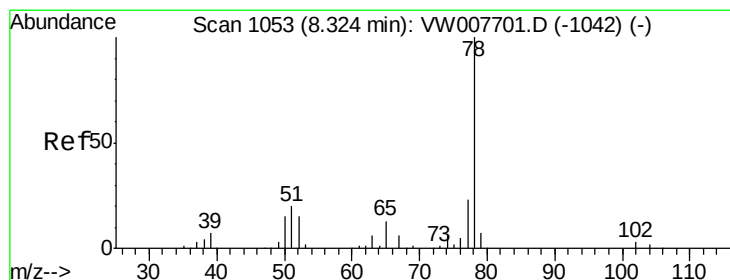
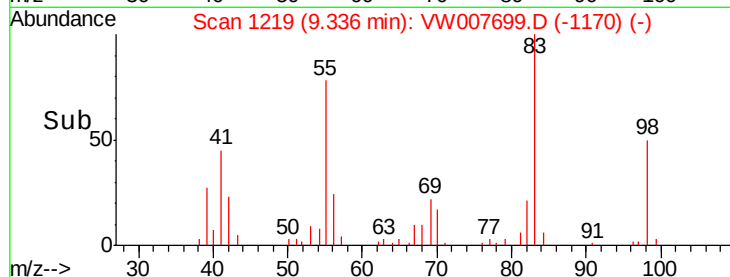
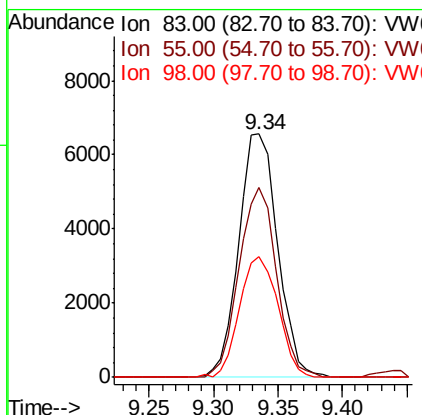
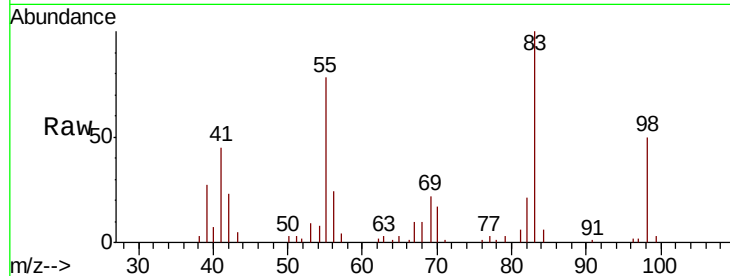
#39
Methylvlcyclohexane
Concen: 9.647 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	57.2	85.8
98	49.6	38.6	58.0

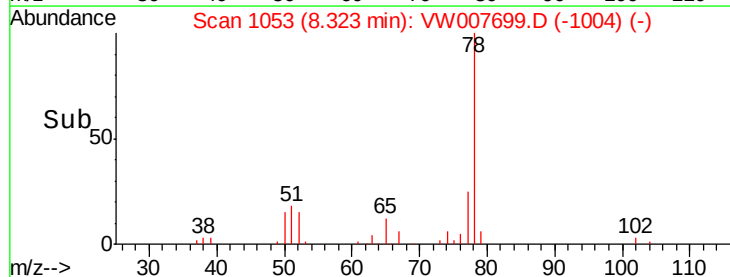
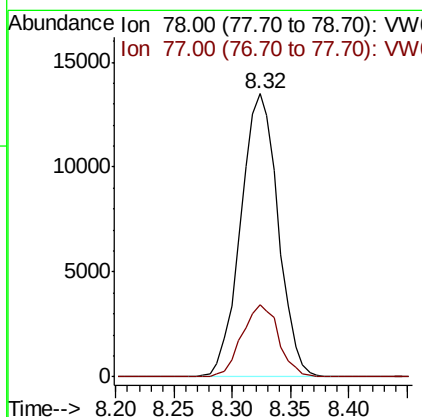
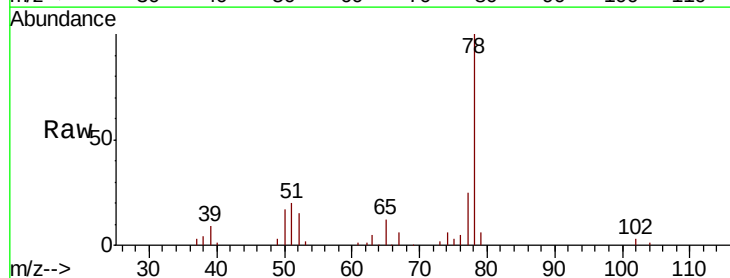
Manual Integrations
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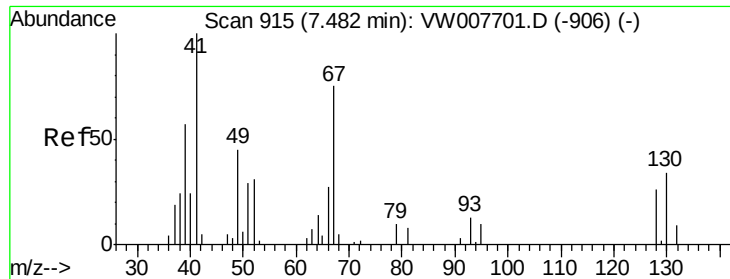
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#40
Benzene
Concen: 9.845 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.7	28.1





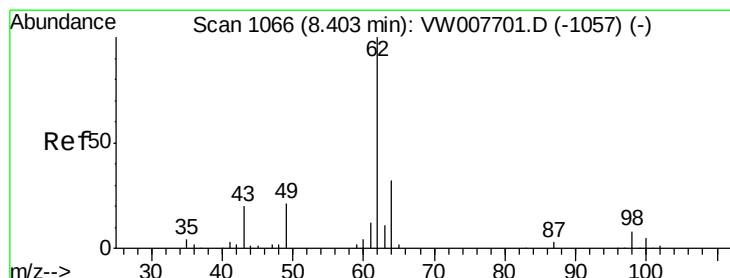
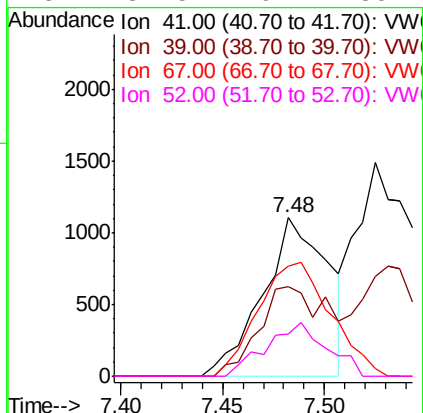
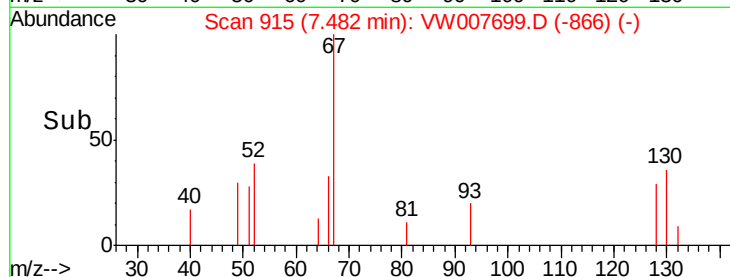
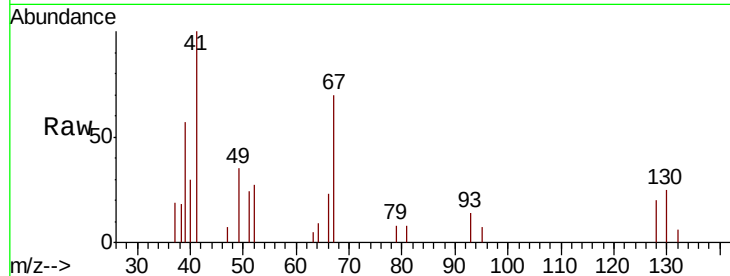
#41
Methacrylonitrile
Concen: 10.847 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	2438
Ion	Ratio	Lower	Upper
41	100		
39	59.5	54.2	81.4
67	80.4	65.7	98.5
52	31.5	26.2	39.4

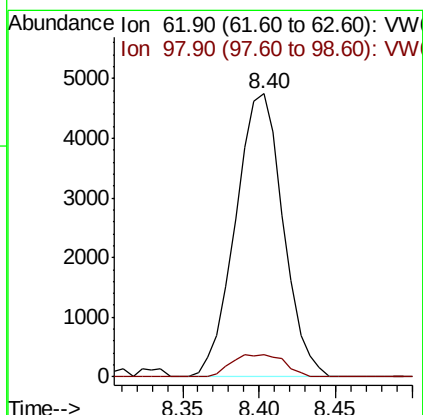
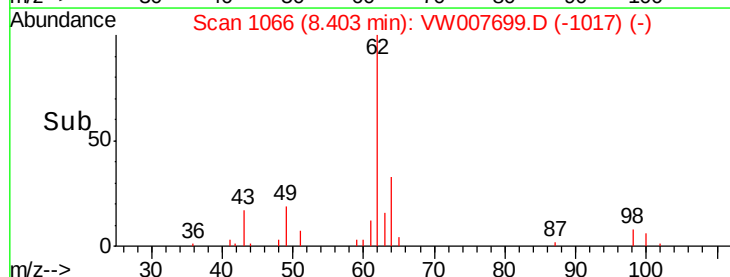
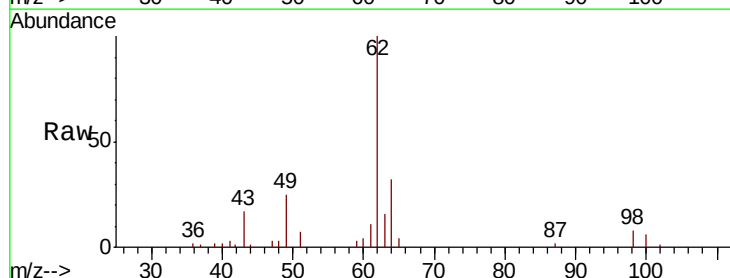
Manual Integrations
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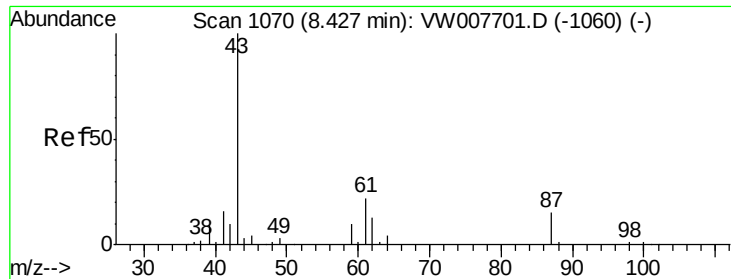
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#42
1,2-Dichloroethane
Concen: 10.024 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion:	62	Resp:	10283
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 9.611 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

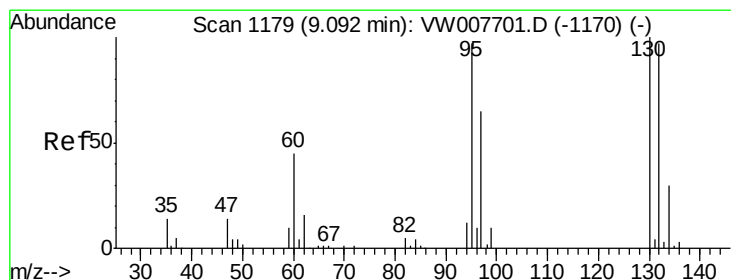
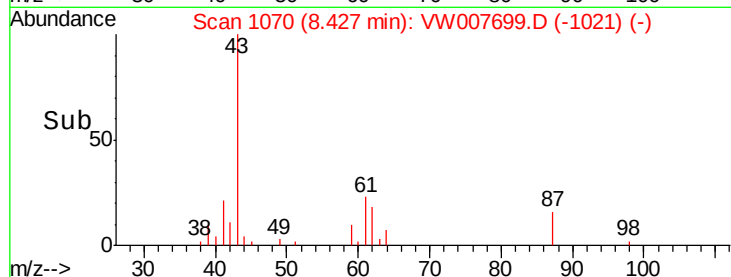
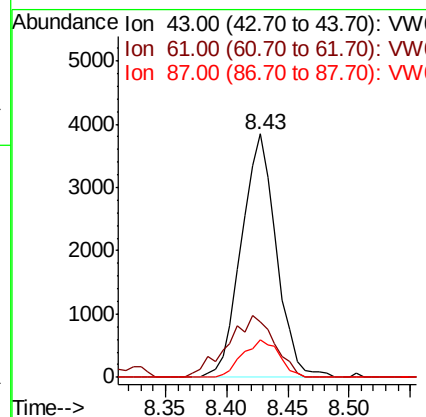
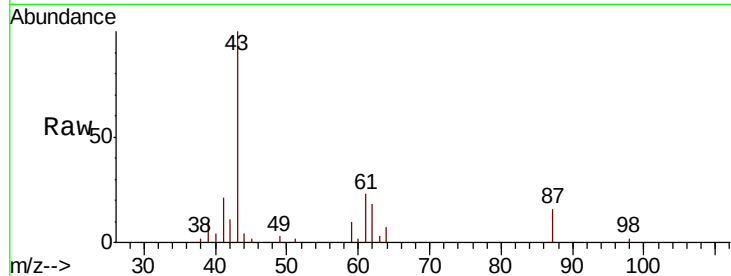
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	7623
Ion	Ratio	Lower	Upper
43	100		
61	33.9	26.3	39.5
87	16.3	12.0	18.0

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#44

Trichloroethene

Concen: 9.710 ug/l

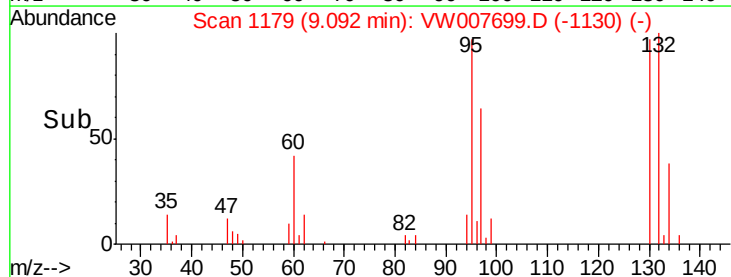
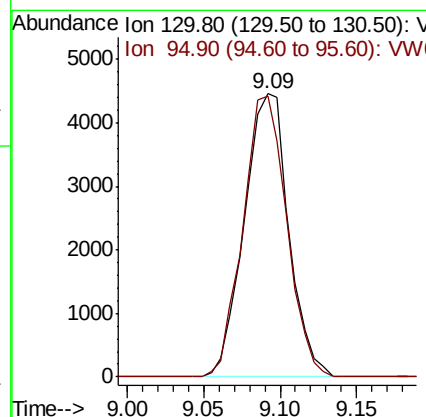
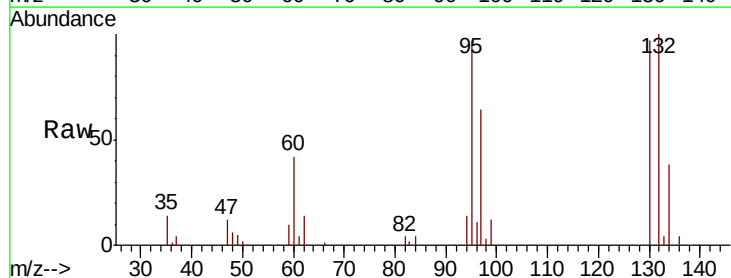
RT: 9.09 min Scan# 1179

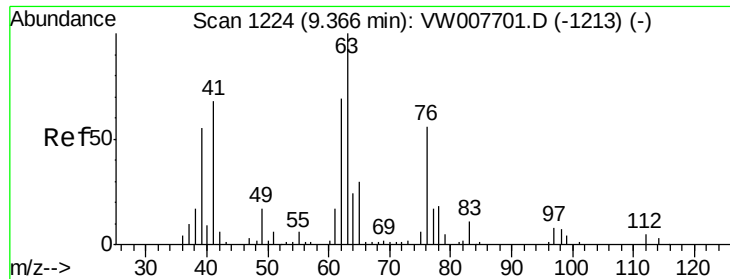
Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Tgt Ion:	130	Resp:	8988
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	194.8





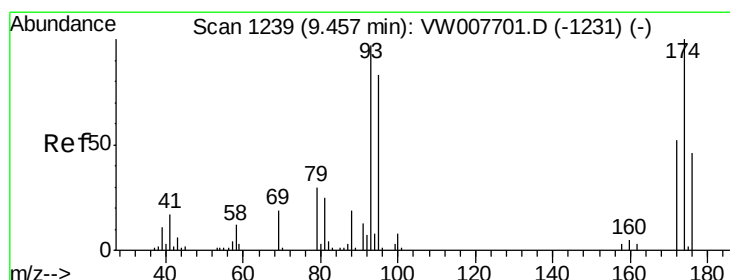
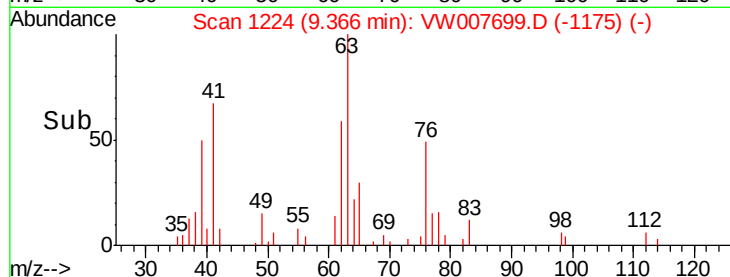
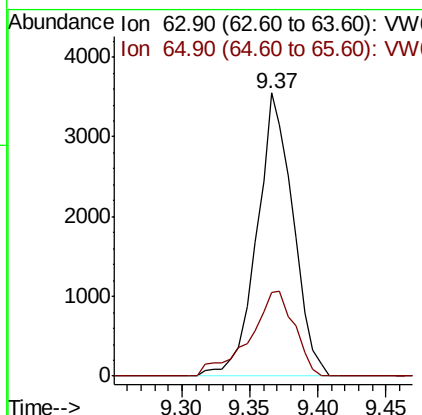
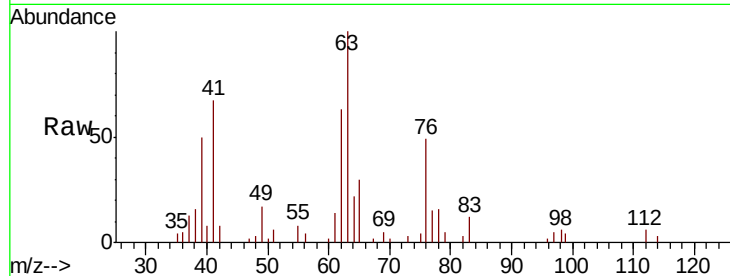
#45
 1,2-Dichloropropane
 Concen: 9.732 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 6610
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.8 35.8

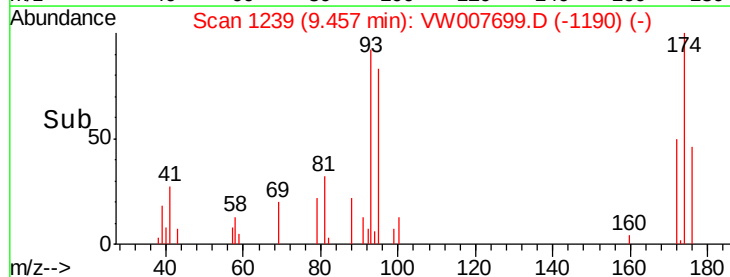
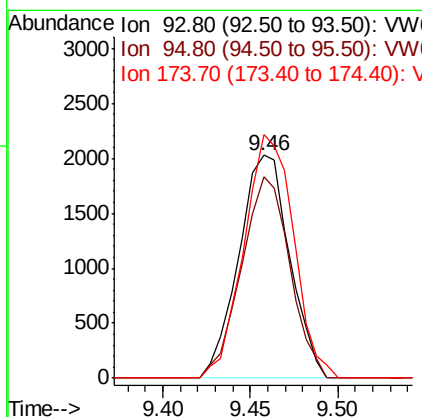
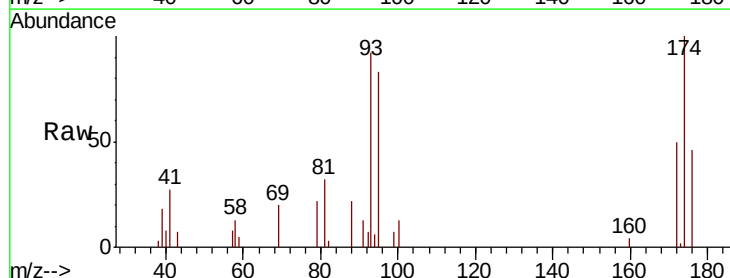
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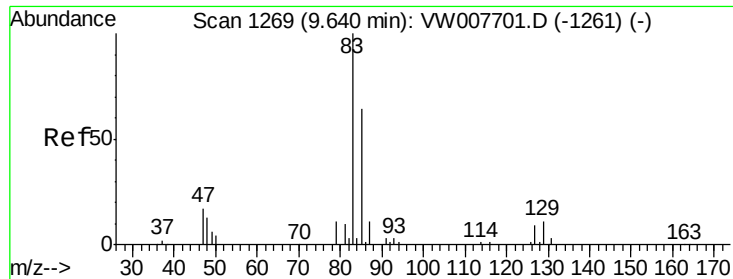
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#46
 Dibromomethane
 Concen: 9.830 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion: 93 Resp: 4110
 Ion Ratio Lower Upper
 93 100
 95 85.9 67.5 101.3
 174 106.4 83.9 125.9





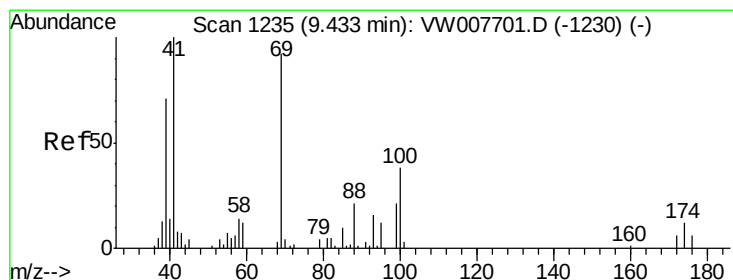
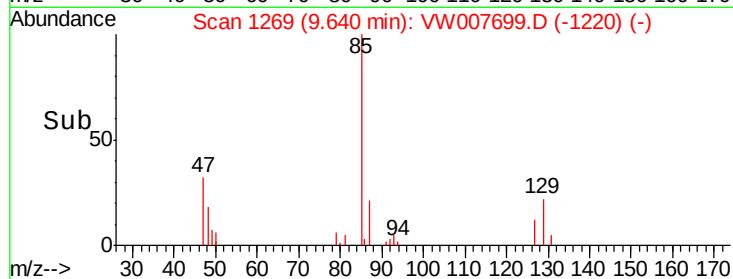
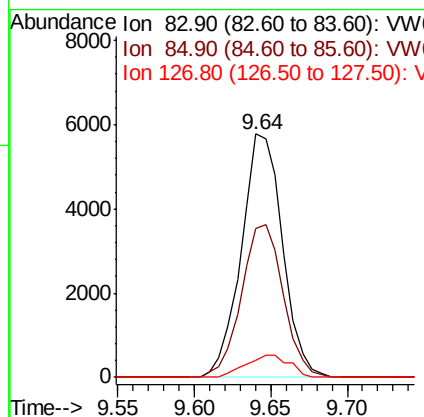
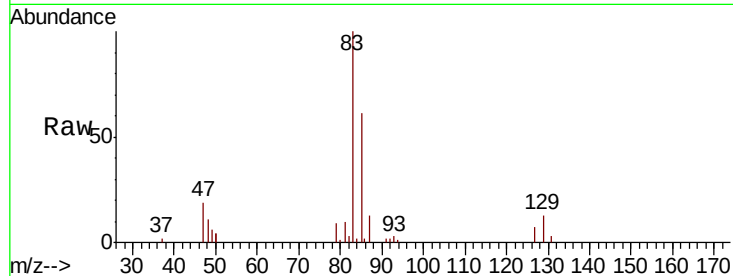
#47
Bromodichloromethane
Concen: 9.851 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	10828		
85	61.2		51.4	77.0
127	7.2		7.5	11.3#

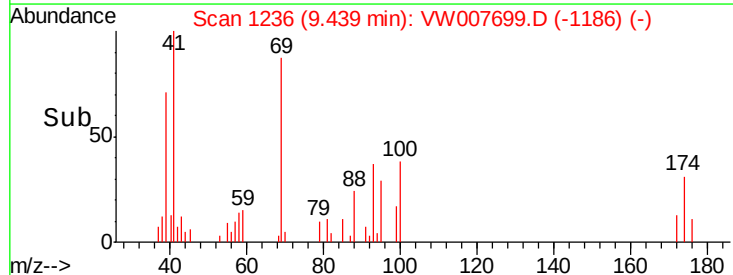
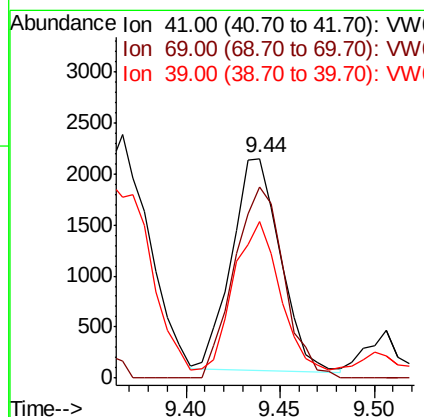
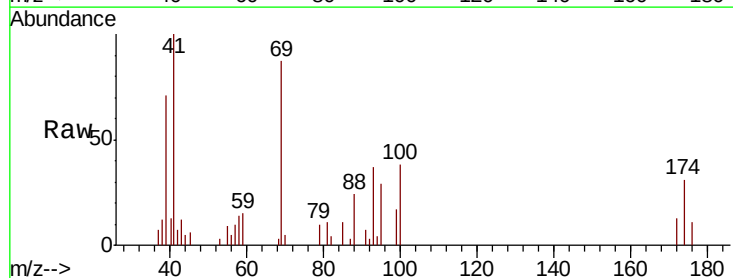
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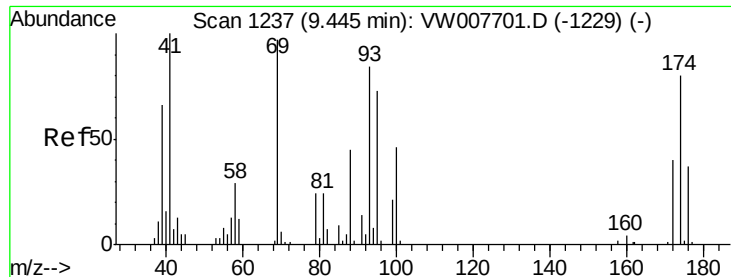
apatel
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#48
Methyl methacrylate
Concen: 9.445 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	3739		
69	91.6		74.2	111.2
39	67.3		53.9	80.9





#49

1,4-Dioxane

Concen: 194.154 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

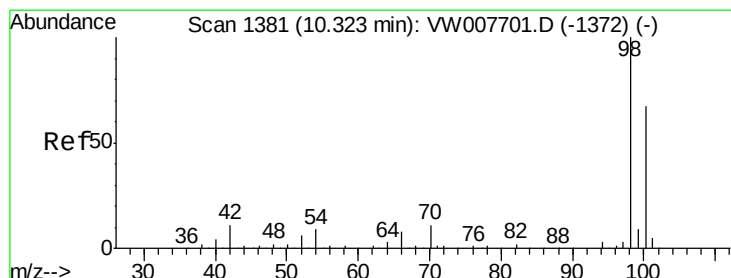
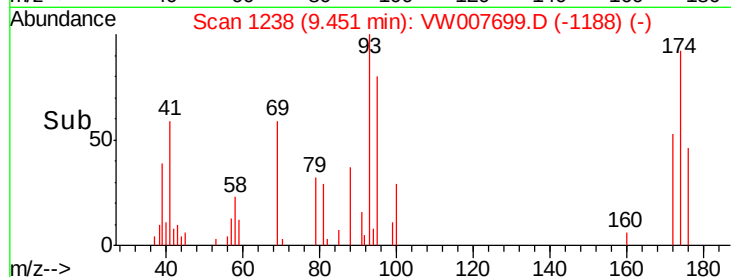
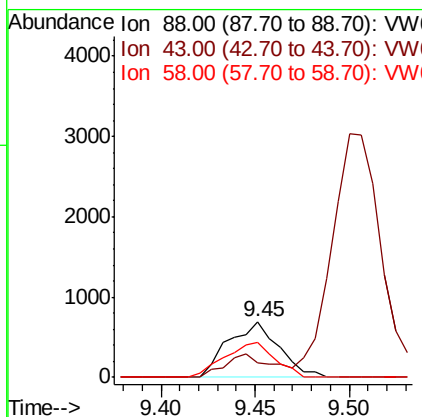
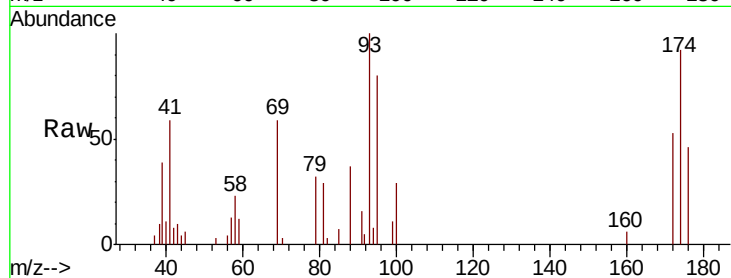
ClientSampleId :

VSTDIC010

Tot Ion:	88	Resp:	1287
Ion	Ratio	Lower	Upper
88	100		
43	38.8	25.6	38.4#
58	62.5	52.3	78.5

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#50

Toluene-d8

Concen: 9.618 ug/l

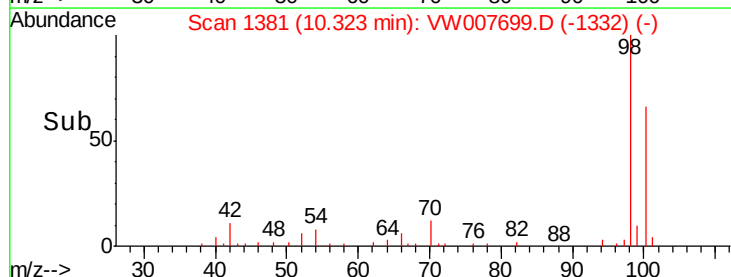
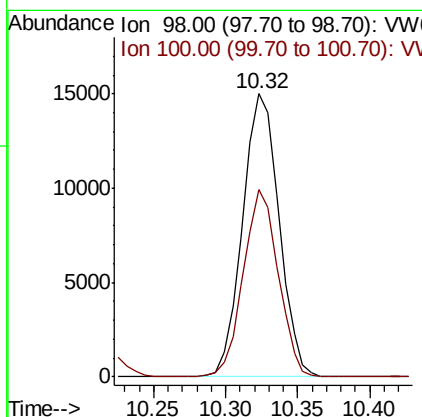
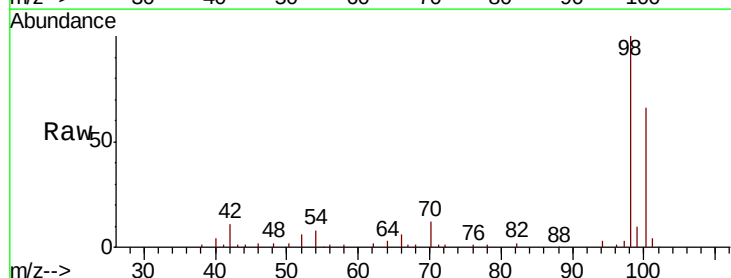
RT: 10.32 min Scan# 1381

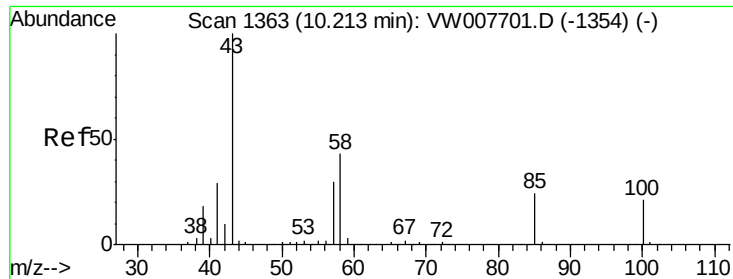
Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Tgt Ion:	98	Resp:	26289
Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 50.050 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 18760

Ion Ratio Lower Upper

43 100

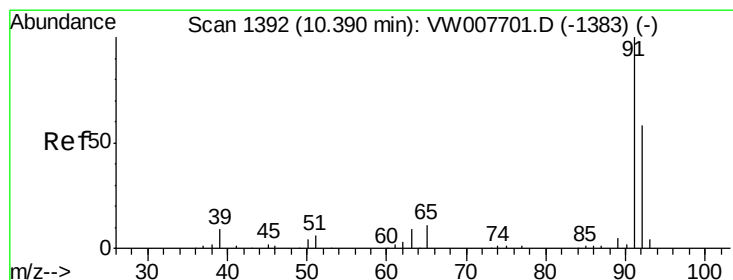
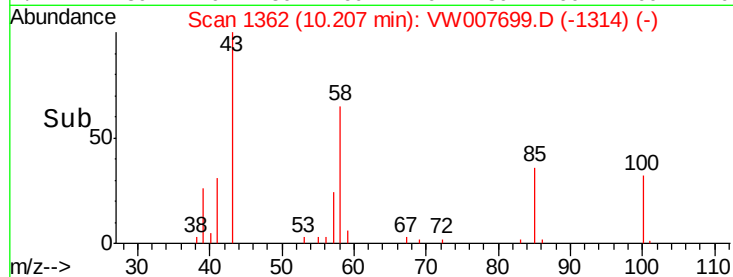
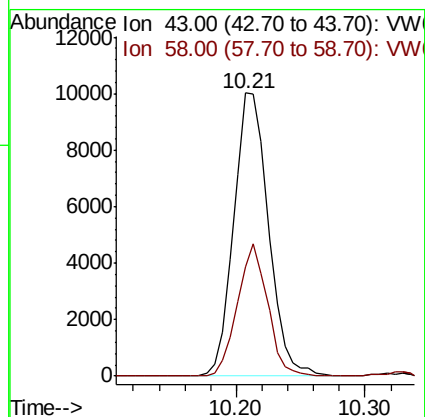
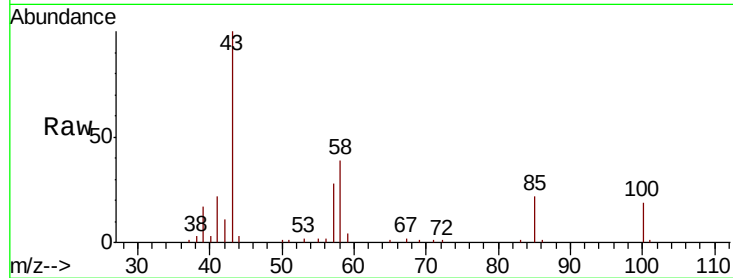
58 40.5 33.2 49.8

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#52

Toluene

Concen: 10.023 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007699.D

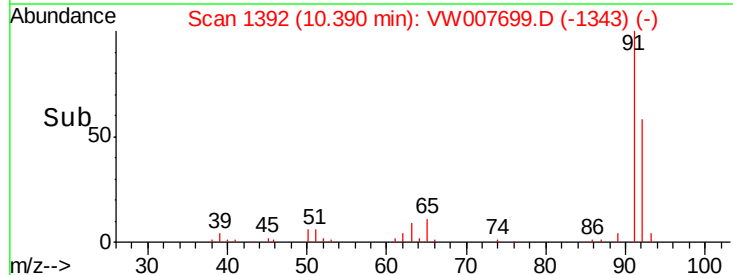
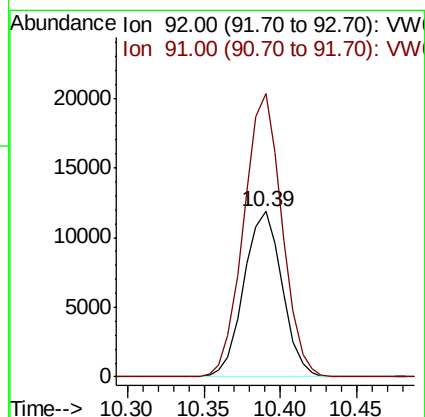
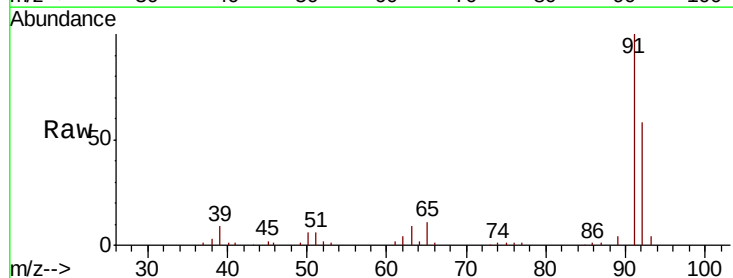
Acq: 19 Dec 2018 14:01

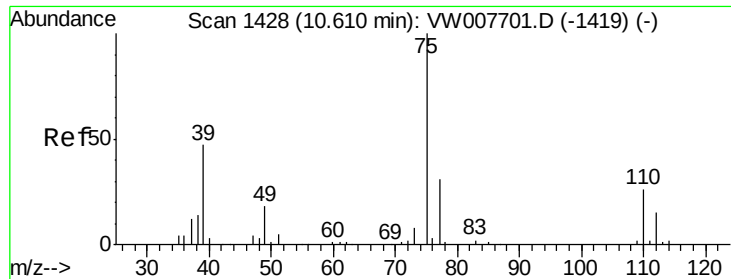
Tgt Ion: 92 Resp: 20584

Ion Ratio Lower Upper

92 100

91 171.7 137.0 205.4





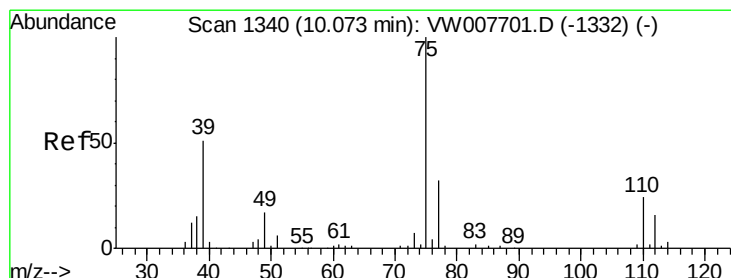
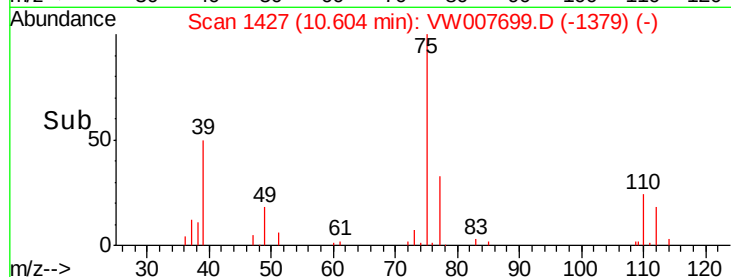
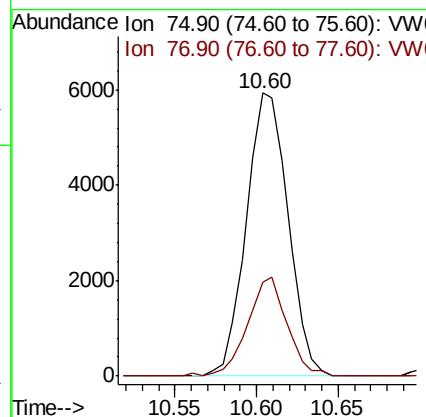
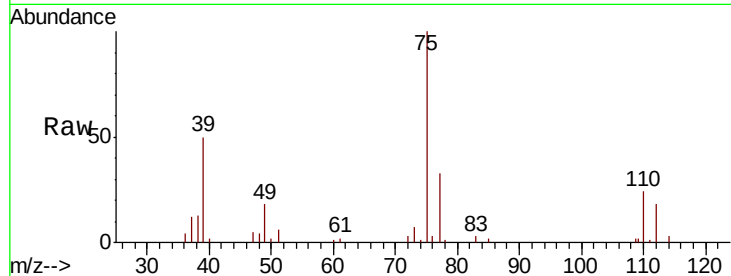
#53
 t-1,3-Dichloropropene
 Concen: 9.673 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.2	37.8

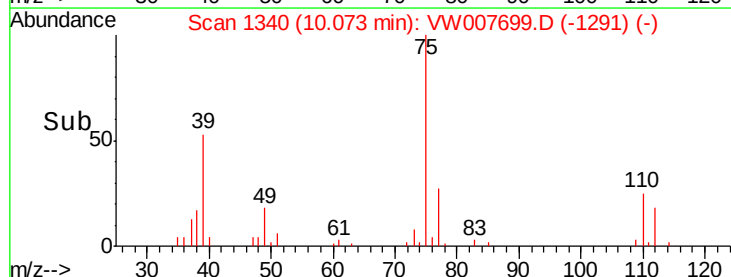
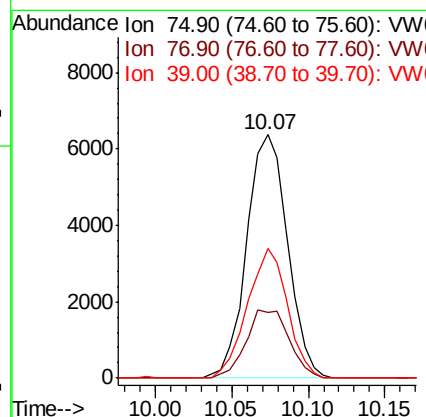
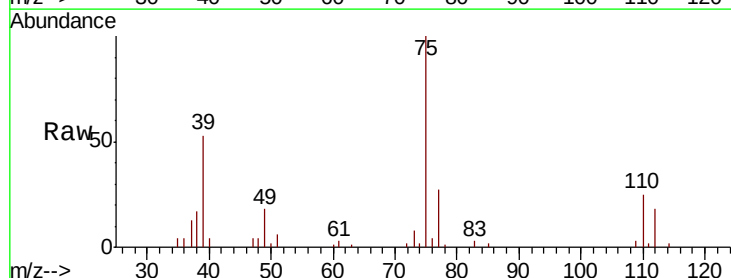
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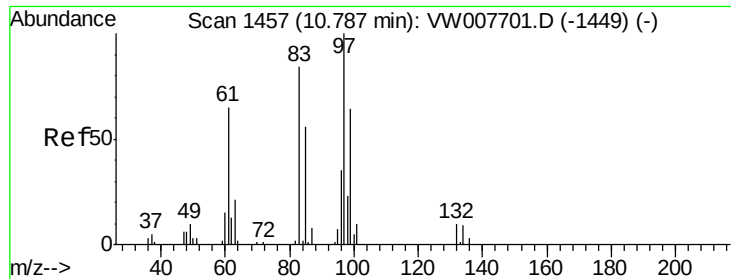
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#54
 cis-1,3-Dichloropropene
 Concen: 9.781 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	27.2	25.5	38.3
39	53.4	41.2	61.8





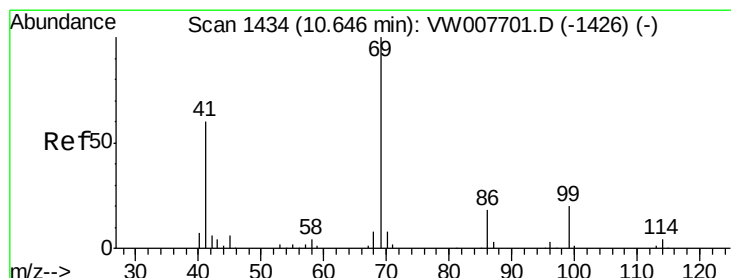
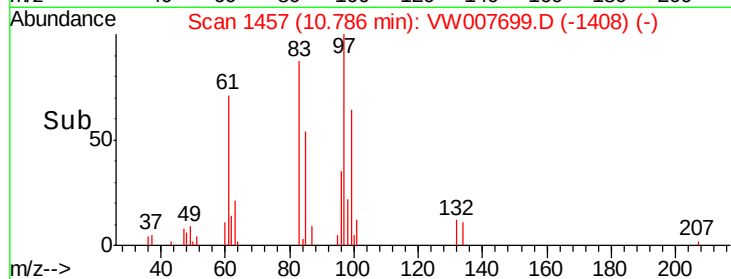
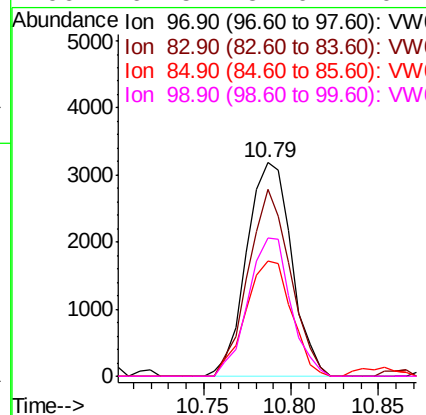
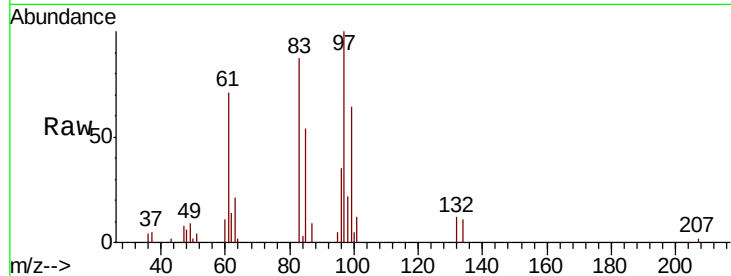
#55
 1,1,2-Trichloroethane
 Concen: 9.957 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	5739
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.5	101.3
85	54.2	44.8	67.2
99	64.5	51.0	76.4

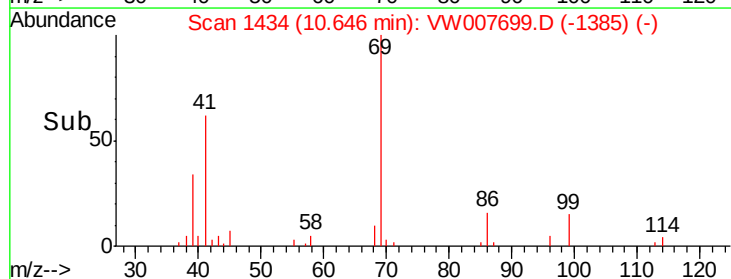
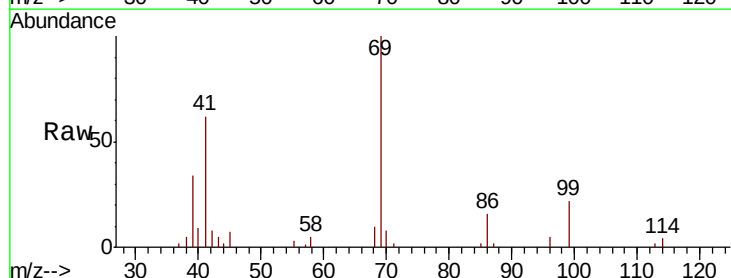
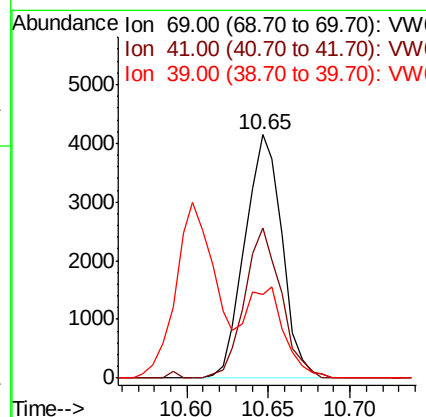
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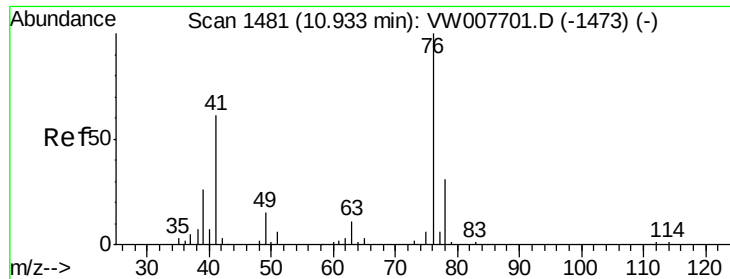
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#56
 Ethyl methacrylate
 Concen: 9.686 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion:	69	Resp:	6596
Ion	Ratio	Lower	Upper
69	100		
41	60.7	48.9	73.3
39	38.7	31.3	46.9





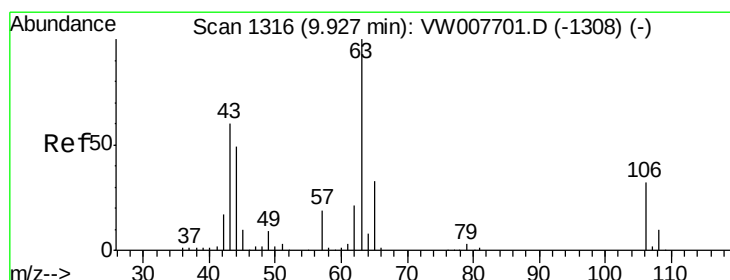
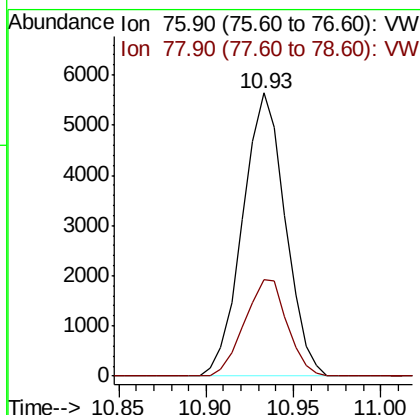
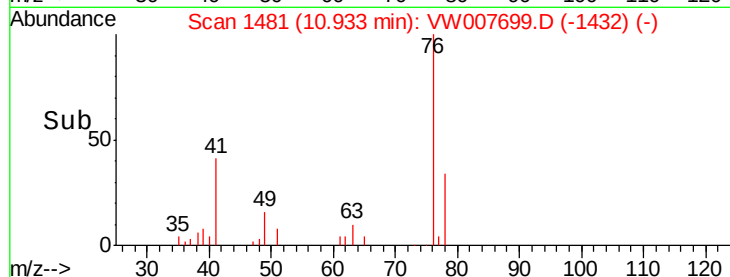
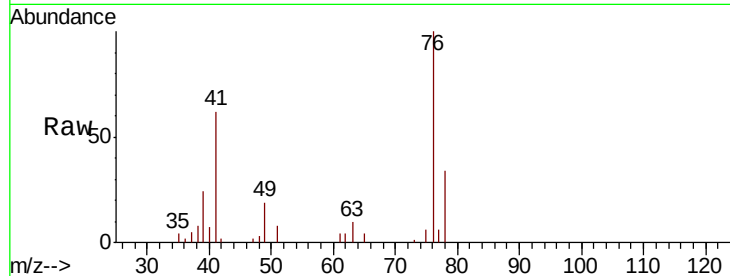
#57
 1,3-Dichloropropane
 Concen: 10.022 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 9592
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.2 39.2

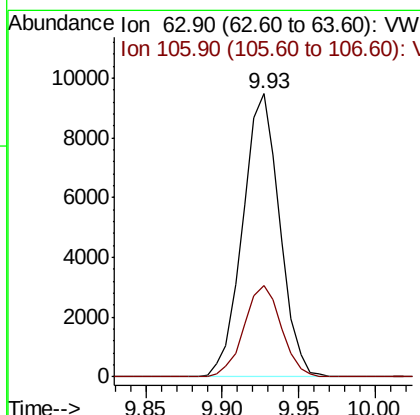
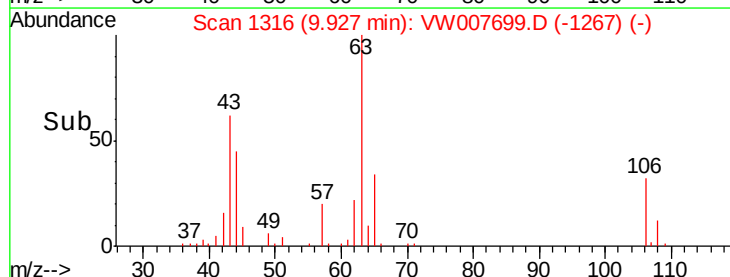
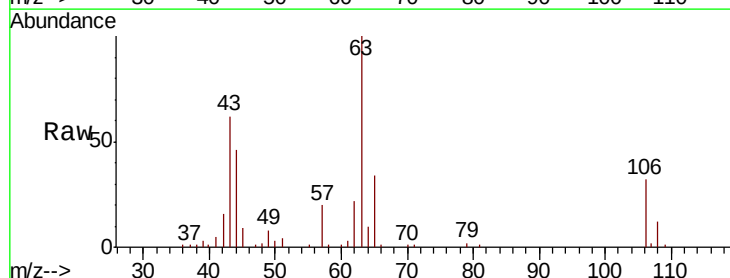
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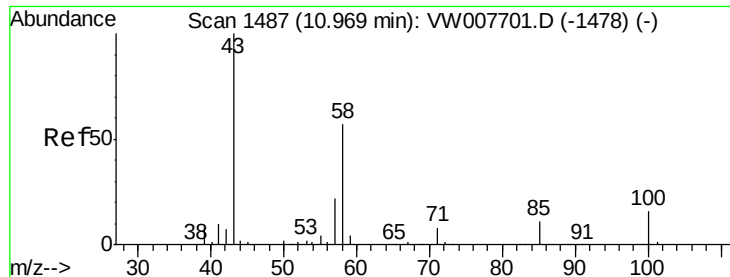
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 51.231 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion: 63 Resp: 15929
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.9 38.9





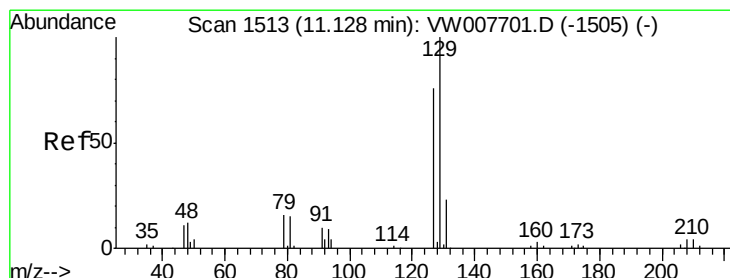
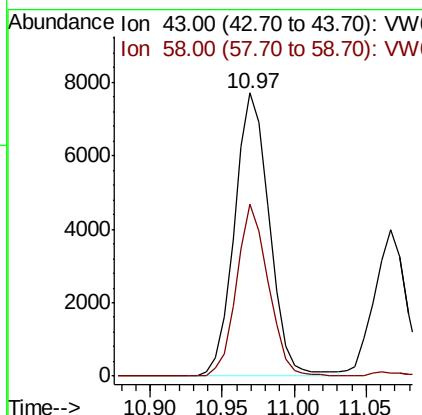
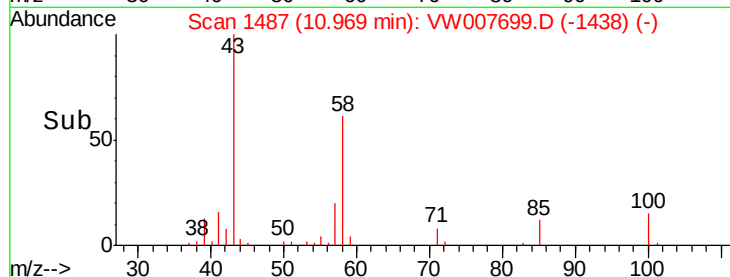
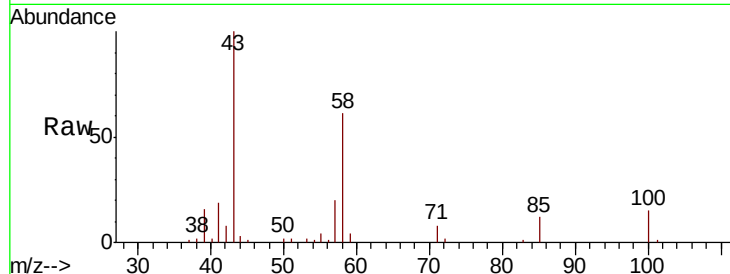
#59
2-Hexanone
Concen: 49.275 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 12989
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

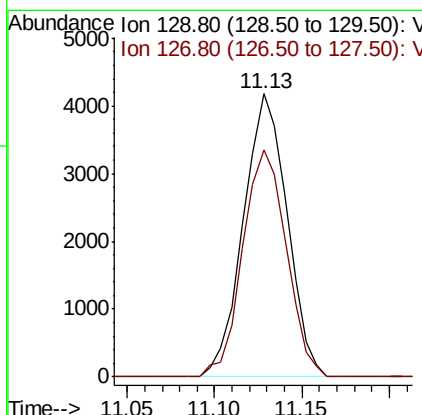
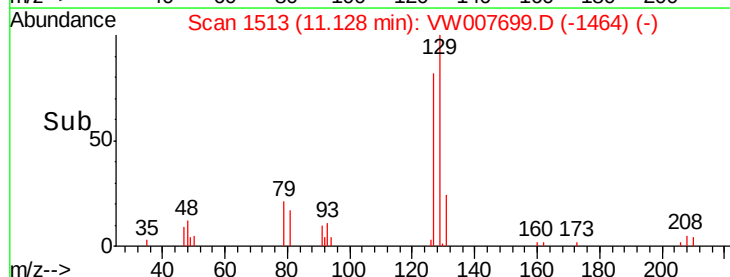
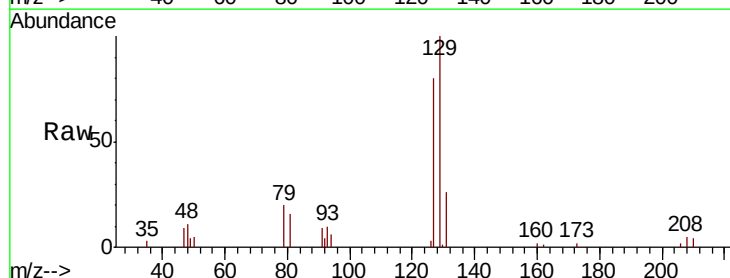
Manual Integrations
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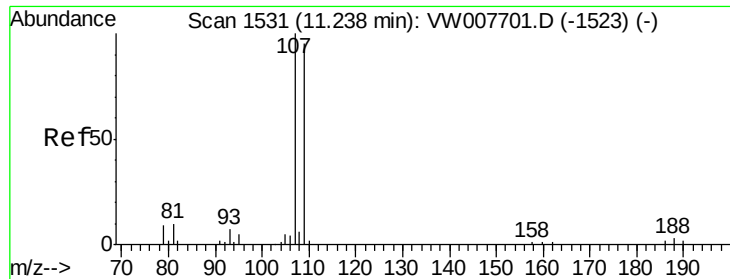
apatel
12/20/2018 11:19:33 AM



#60
Dibromochloromethane
Concen: 9.519 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion: 129 Resp: 7265
Ion Ratio Lower Upper
129 100
127 80.1 38.3 114.9





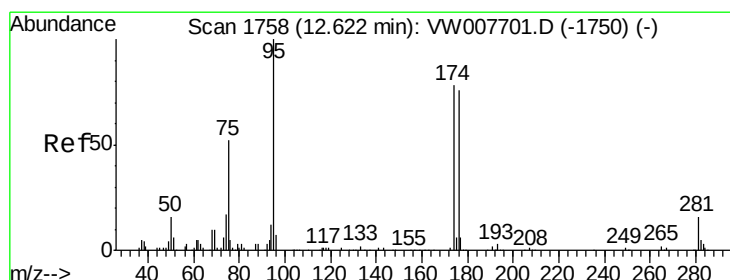
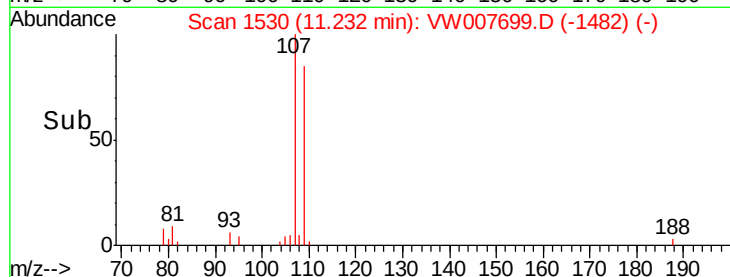
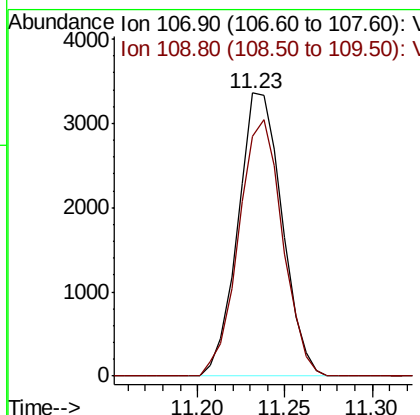
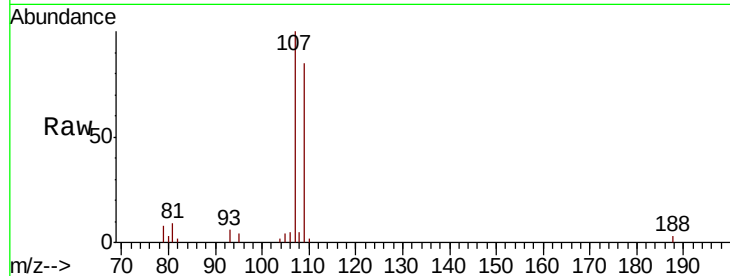
#61
 1,2-Dibromoethane
 Concen: 10.103 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.2	75.4	113.0

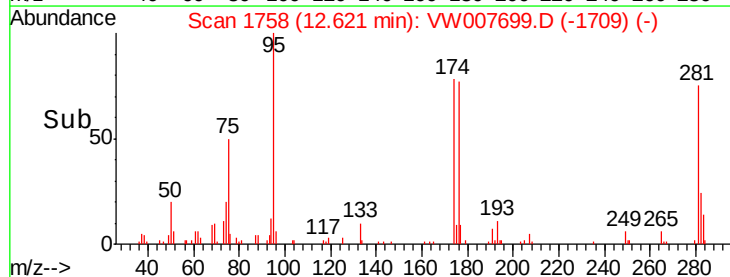
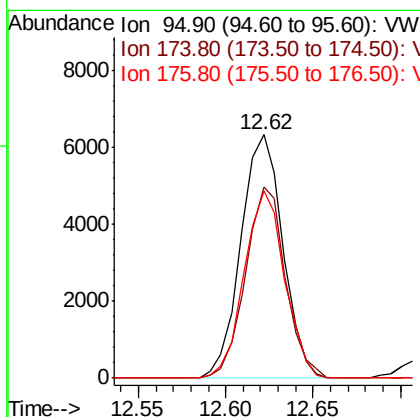
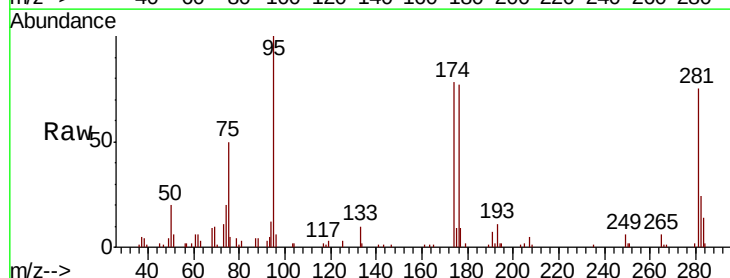
Manual Integrations
 APPROVED

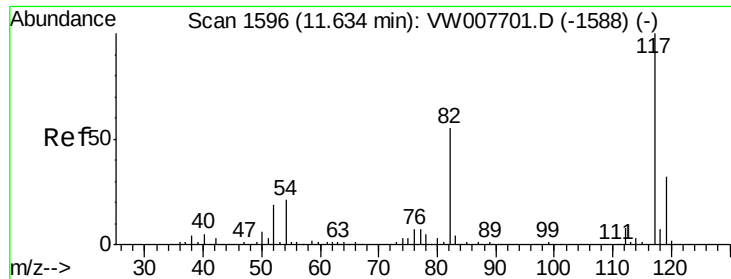
apatel
 12/20/2018 11:19:33 AM



#62
 4-Bromofluorobenzene
 Concen: 9.963 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	152.2
176	74.4	0.0	146.8





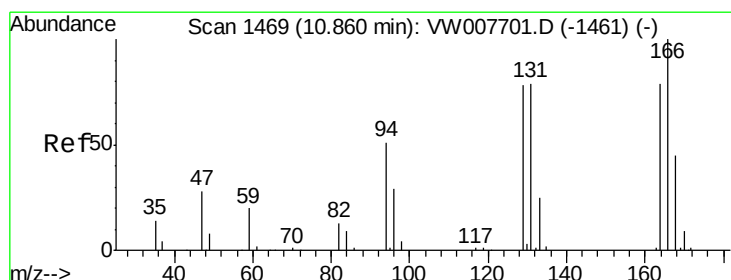
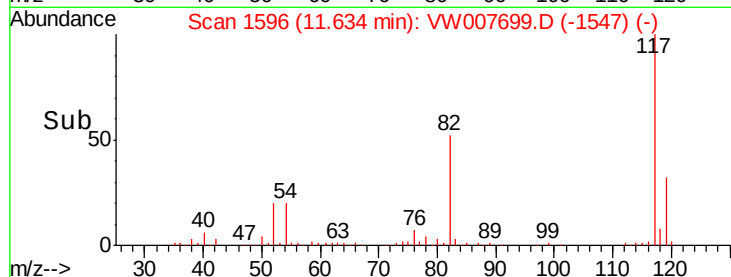
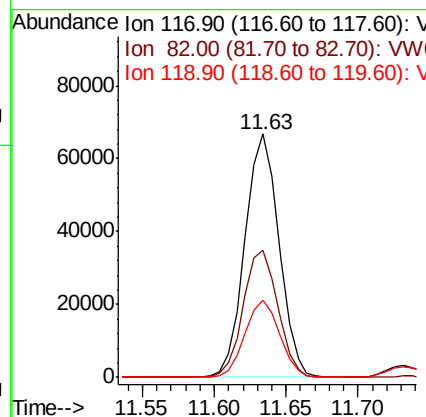
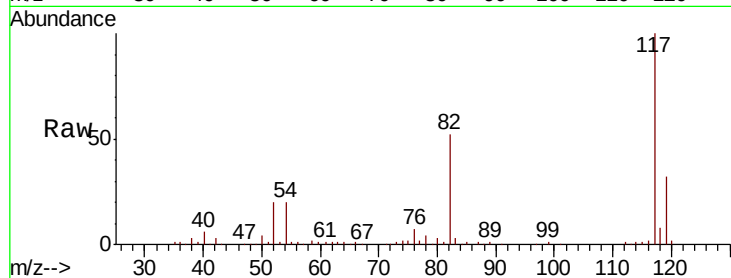
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.3	66.5
119	32.0	25.7	38.5

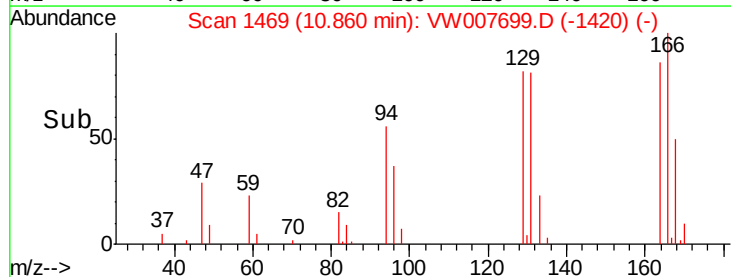
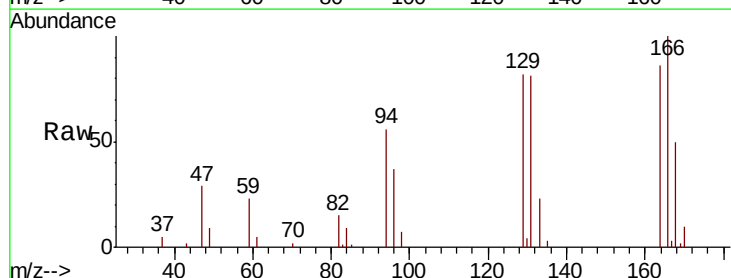
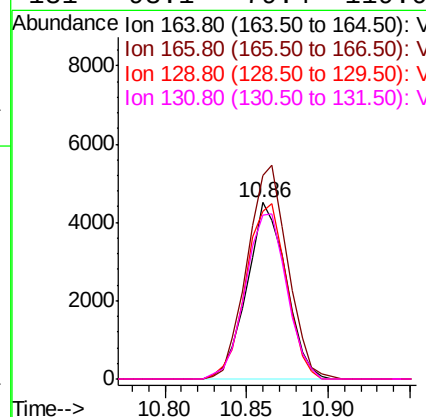
Manual Integrations
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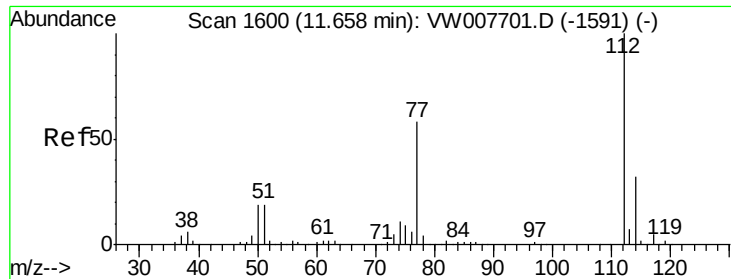
apatel
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#64
Tetrachloroethene
Concen: 9.707 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.7	101.0	151.6
129	95.3	78.7	118.1
131	93.1	79.4	119.0





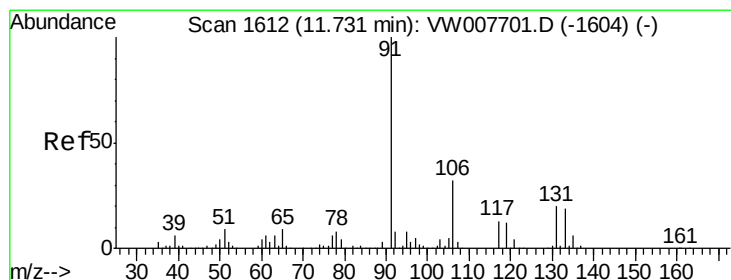
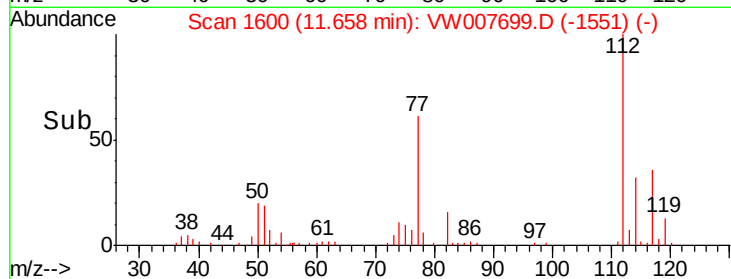
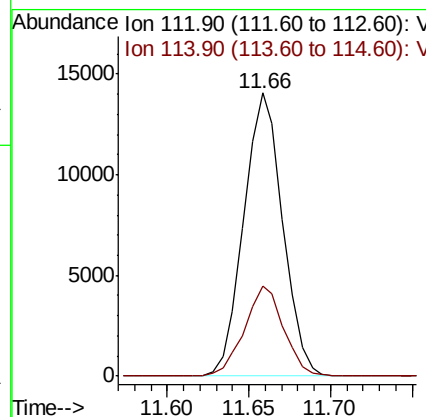
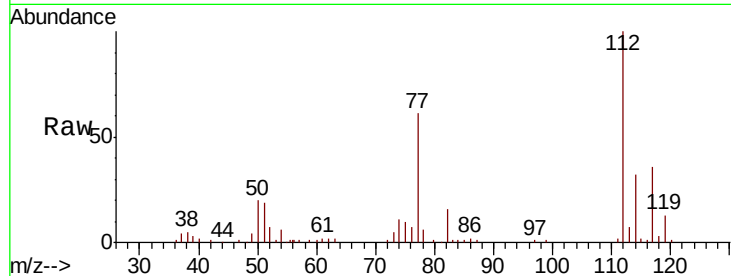
#65
Chlorobenzene
Concen: 9.813 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 23292
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8

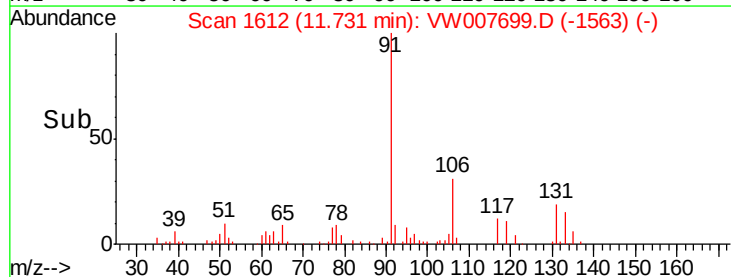
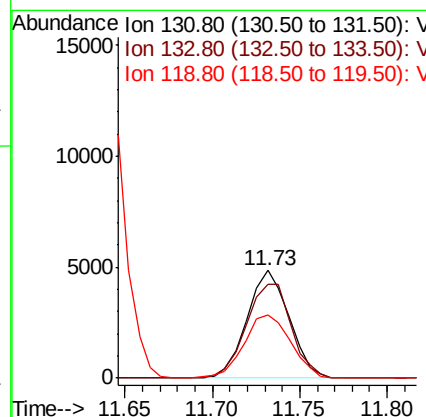
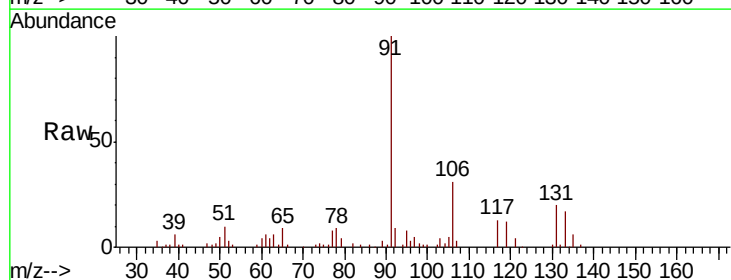
Manual Integrations
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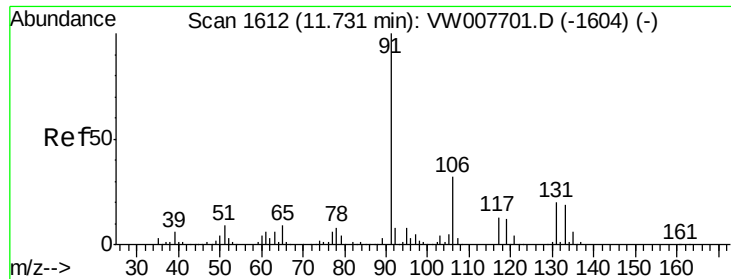
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.567 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion:131 Resp: 8114
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 64.9 30.2 90.6





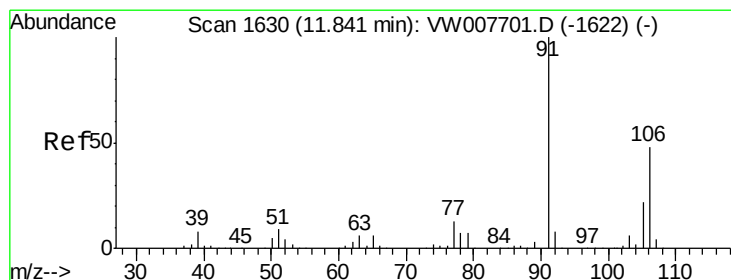
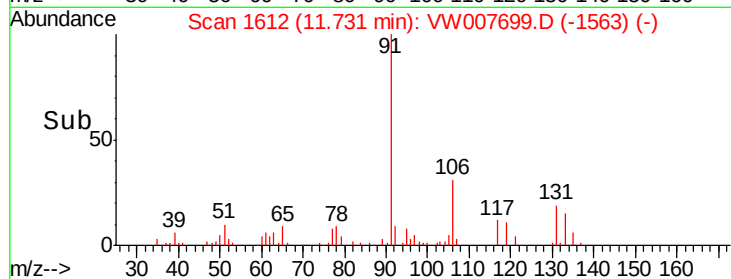
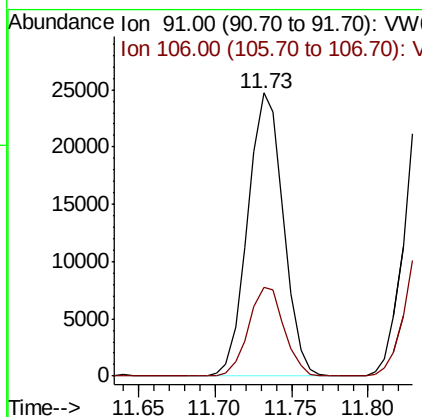
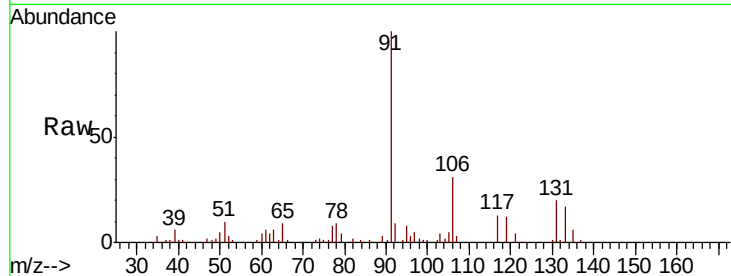
#67
Ethyl Benzene
Concen: 9.852 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 40126
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.8

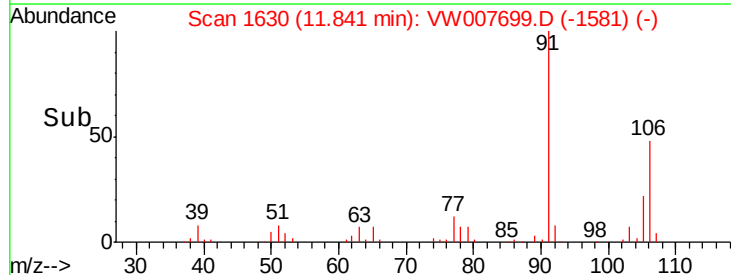
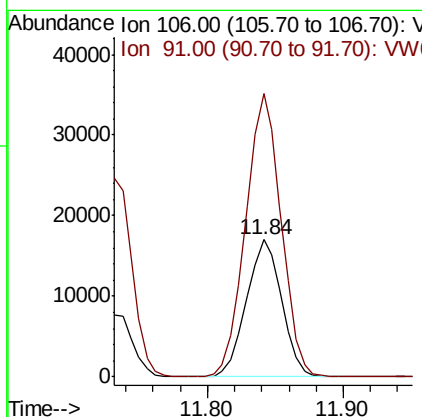
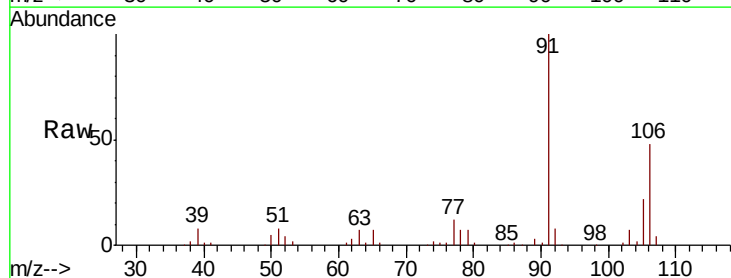
Manual Integrations
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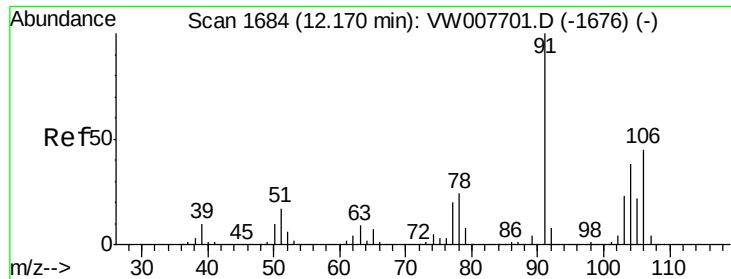
apatel
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#68
m/p-Xylenes
Concen: 19.539 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion: 106 Resp: 30871
Ion Ratio Lower Upper
106 100
91 208.0 165.2 247.8





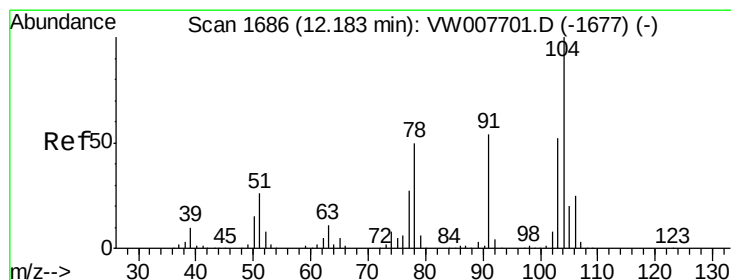
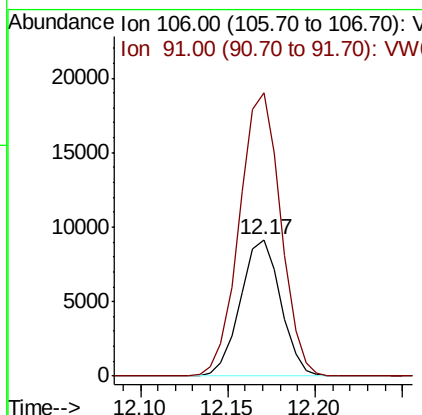
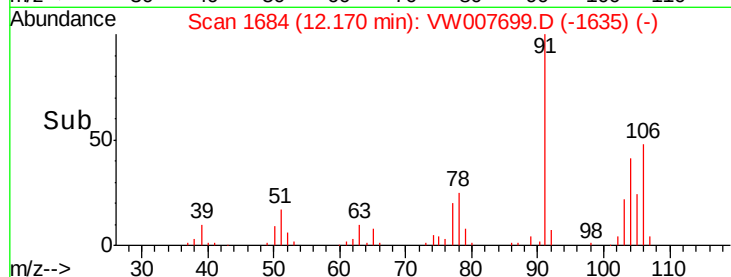
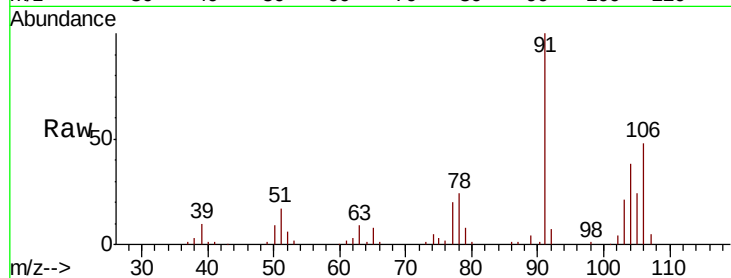
#69
o-Xylene
Concen: 9.890 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 14648
Ion Ratio Lower Upper
106 100
91 213.1 110.5 331.4

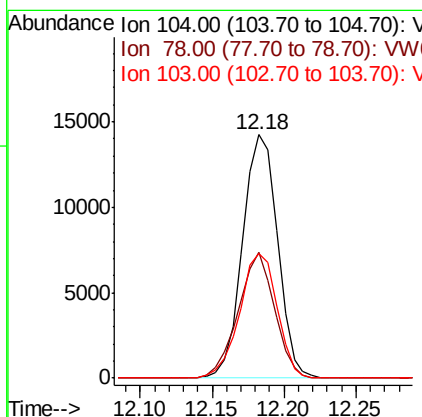
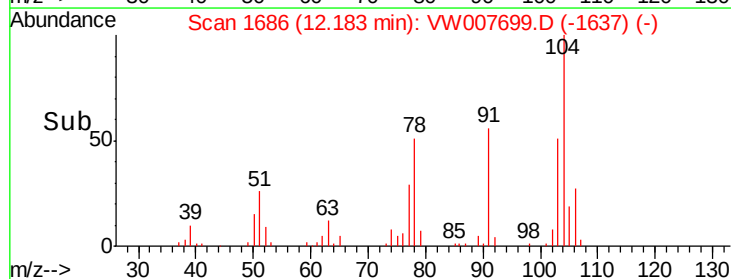
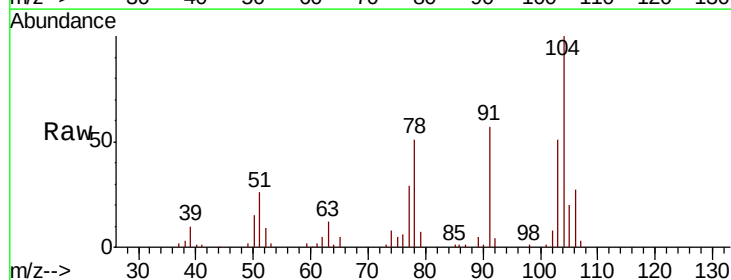
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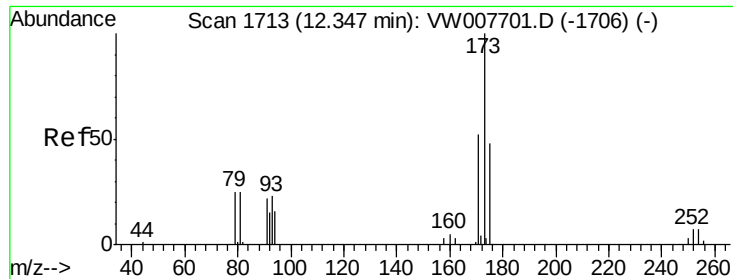
apatel
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#70
Styrene
Concen: 9.829 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion:104 Resp: 23929
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.0
103 55.0 44.5 66.7





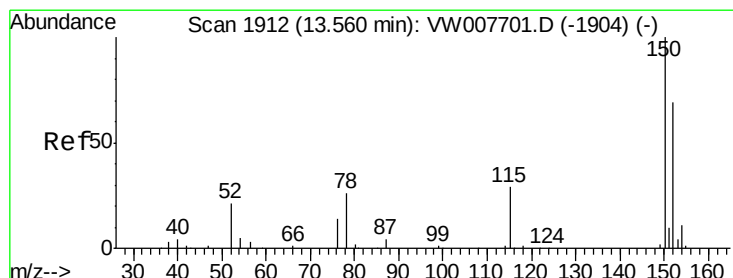
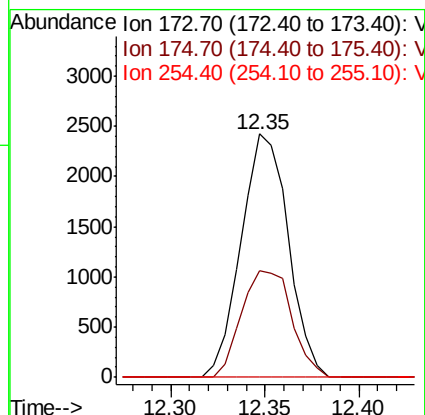
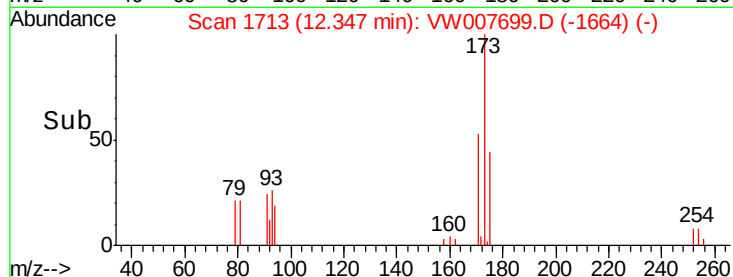
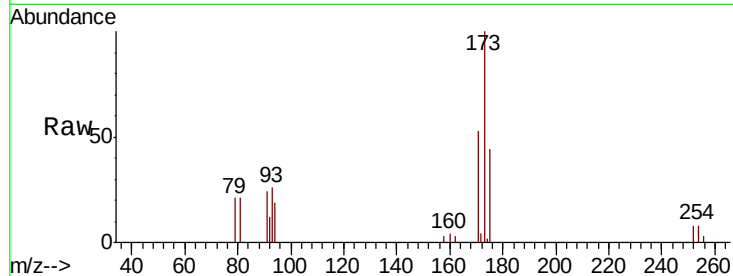
#71
Bromoform
Concen: 9.569 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.4	23.9	71.7
254	0.0	0.0	0.0

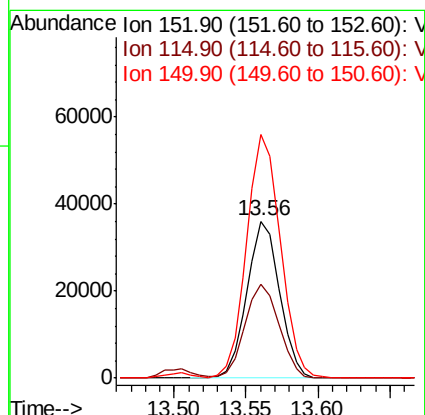
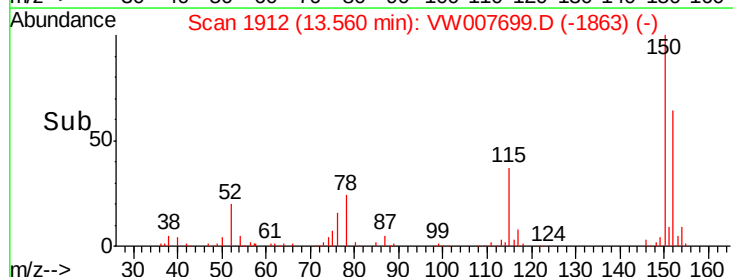
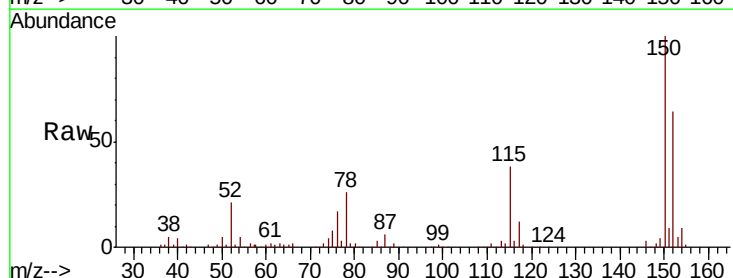
Manual Integrations
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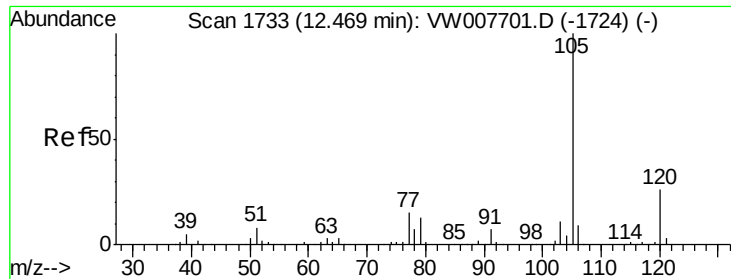
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.8	95.4
150	160.8	0.0	350.8





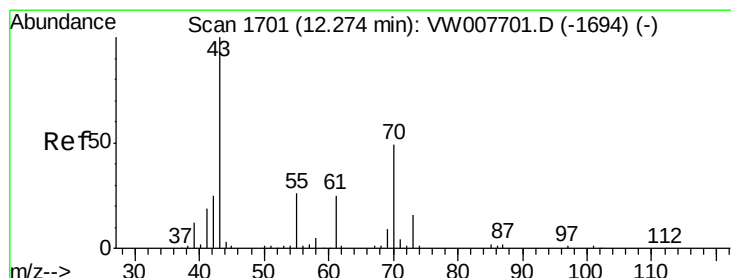
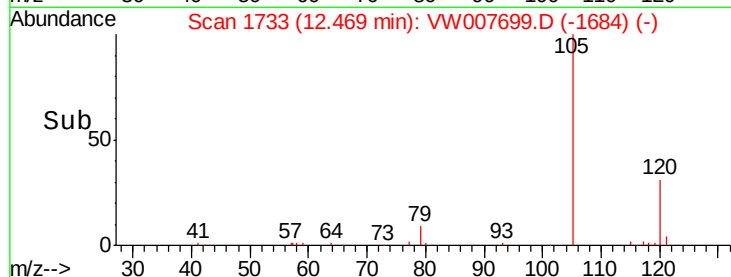
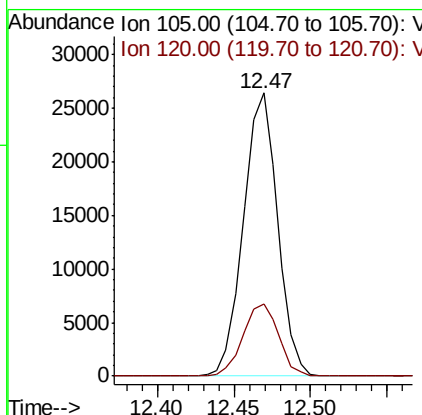
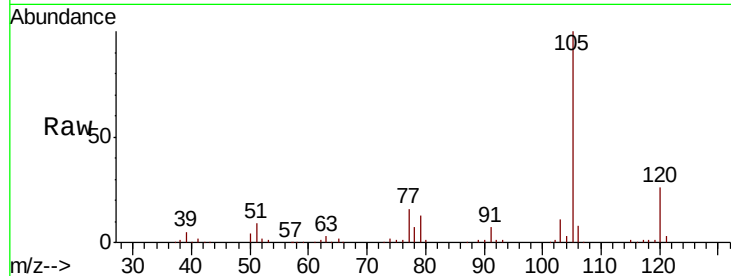
#73
Isopropylbenzene
Concen: 9.614 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 105 Resp: 41000
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

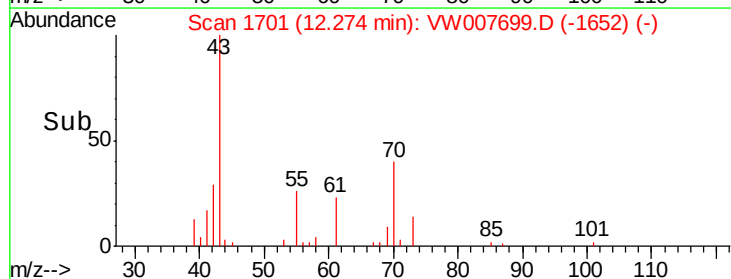
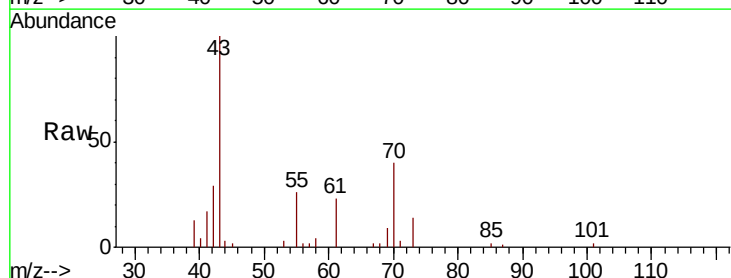
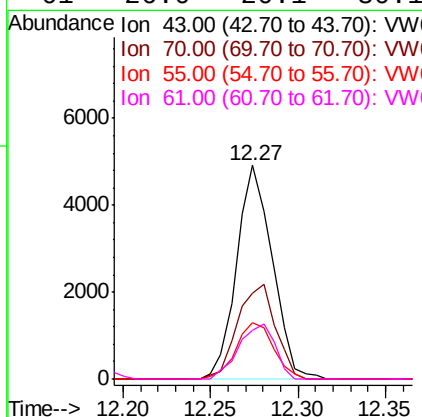
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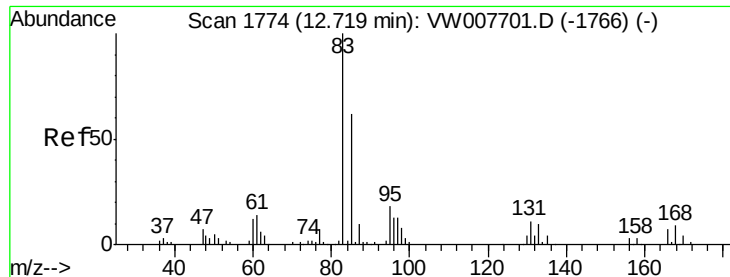
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#74
N-ethyl acetate
Concen: 9.514 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion: 43 Resp: 7028
Ion Ratio Lower Upper
43 100
70 47.0 37.6 56.4
55 27.6 21.7 32.5
61 26.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 9.756 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

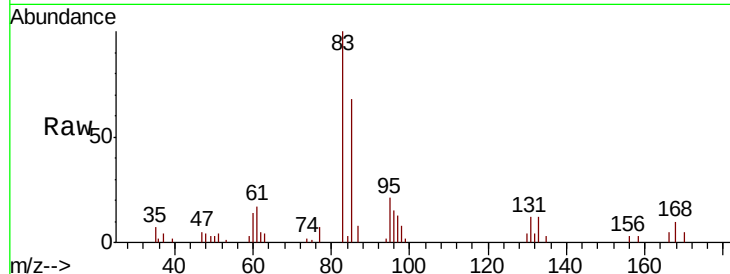
ClientSampleId :

VSTDIC010

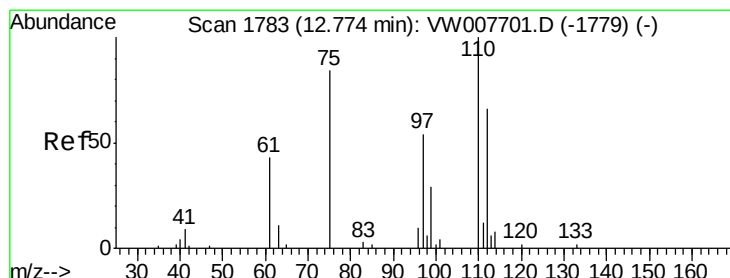
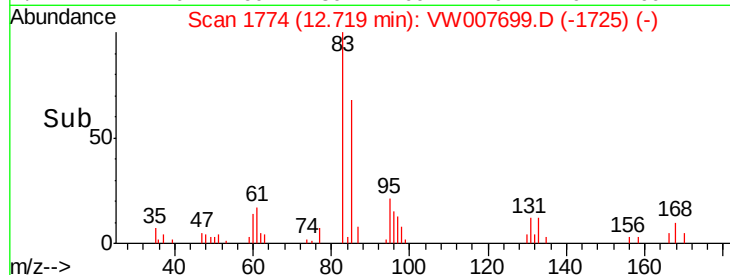
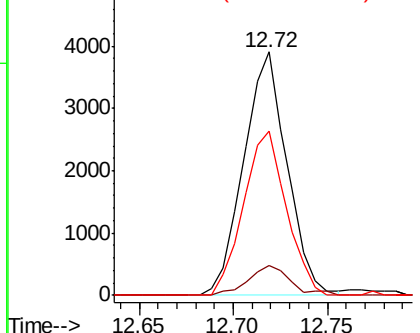
Tot Ion:	83	Resp:	6238
Ion	Ratio	Lower	Upper
83	100		
131	11.9	6.3	18.8
85	66.5	32.3	96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 4.692 ug/l m

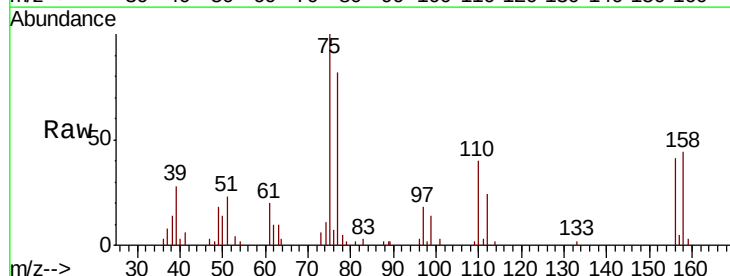
RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

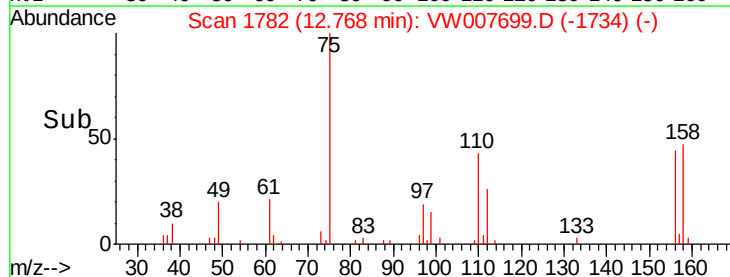
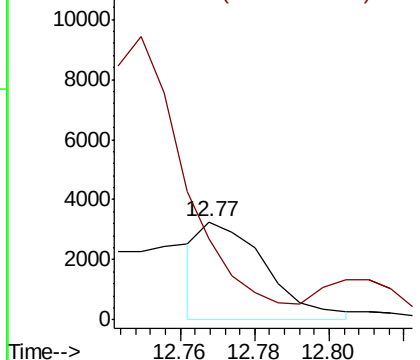
Lab File: VW007699.D

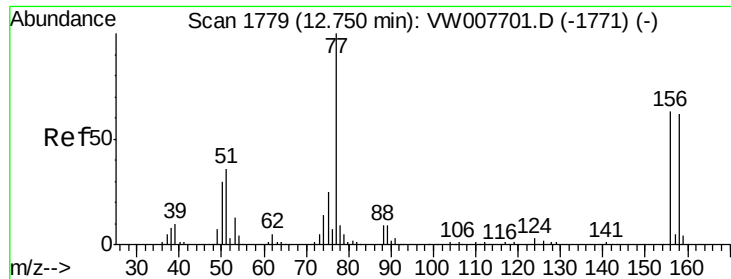
Acq: 19 Dec 2018 14:01

Tgt Ion:	75	Resp:	4007
Ion	Ratio	Lower	Upper
75	100		
77	421.2	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.903 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

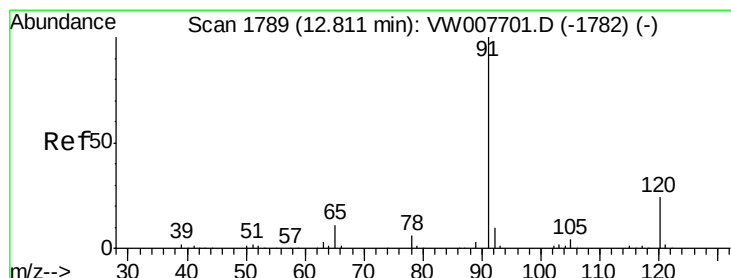
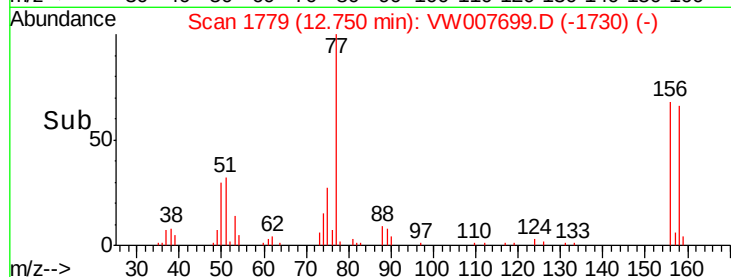
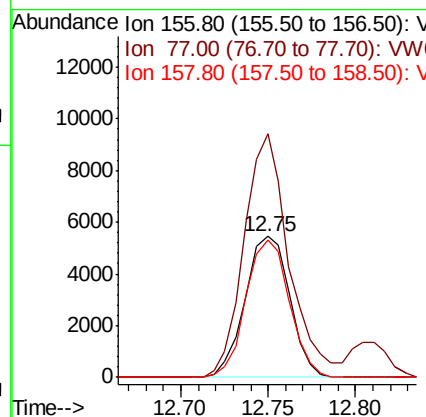
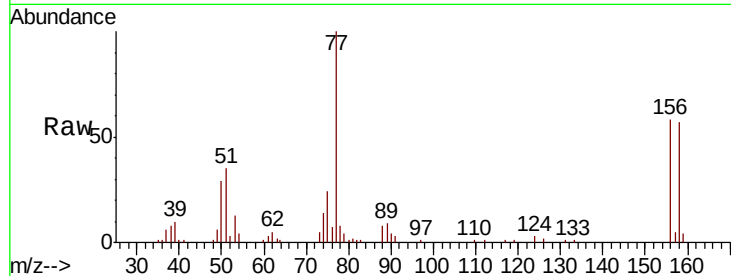
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.4	87.4	262.1
158	94.9	48.4	145.0

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#78

n-propylbenzene

Concen: 9.621 ug/l

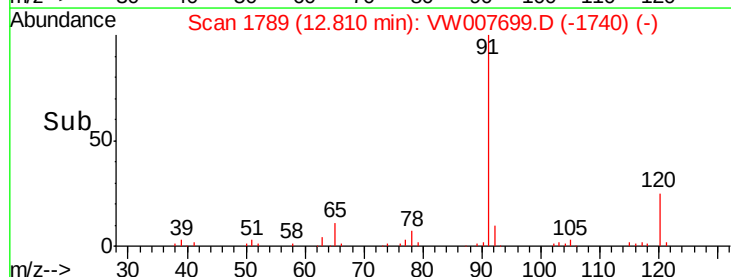
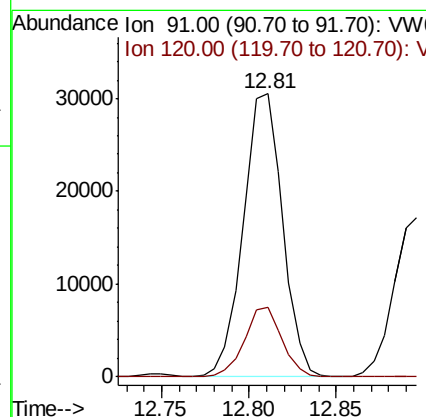
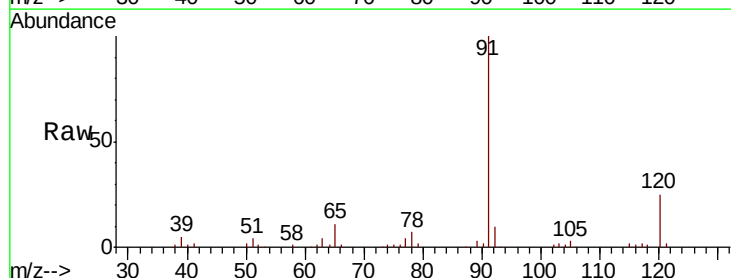
RT: 12.81 min Scan# 1789

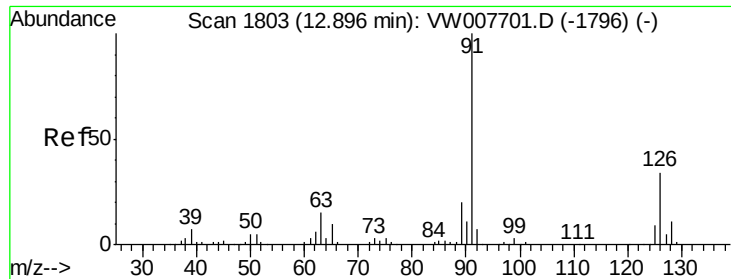
Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.7





#79

2-Chlorotoluene

Concen: 9.773 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 28264

Ion Ratio Lower Upper

91 100

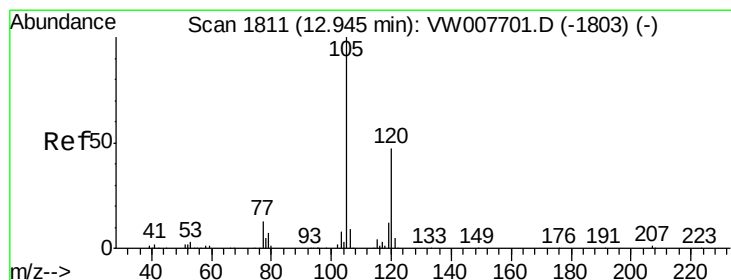
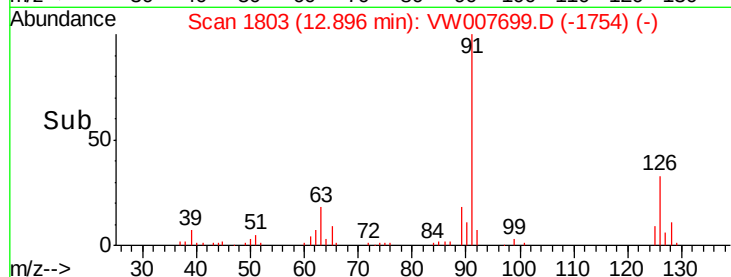
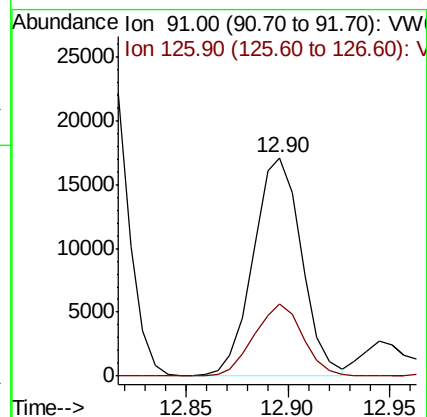
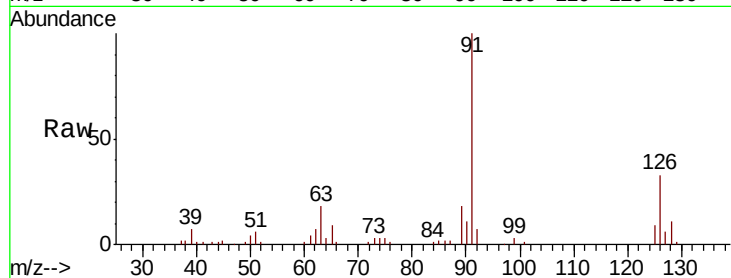
126 33.1 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 9.564 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007699.D

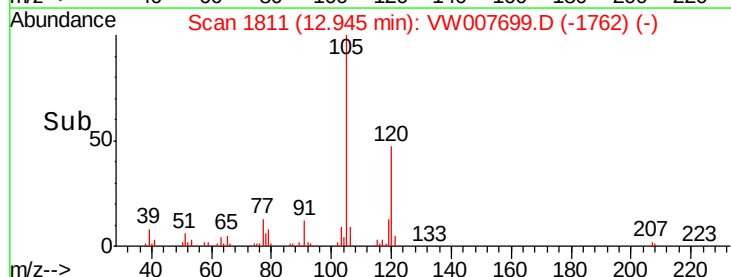
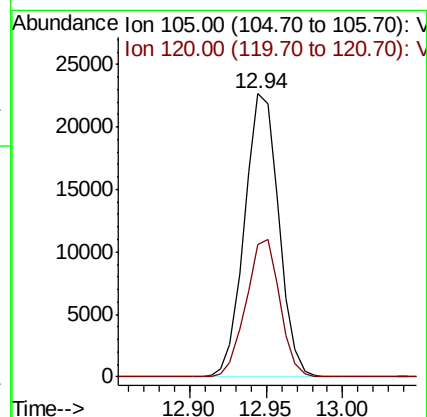
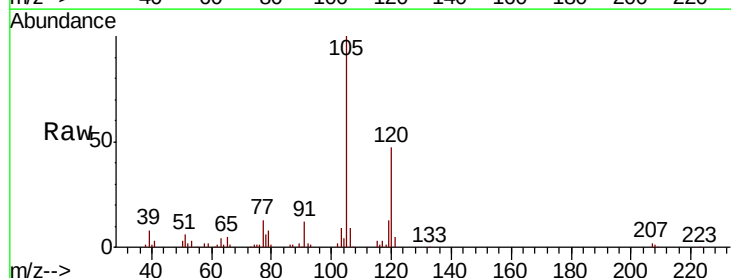
Acq: 19 Dec 2018 14:01

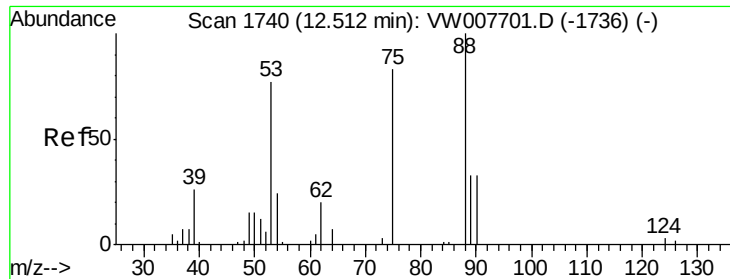
Tgt Ion:105 Resp: 35180

Ion Ratio Lower Upper

105 100

120 47.9 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.647 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Instrument :

MSVOA_W

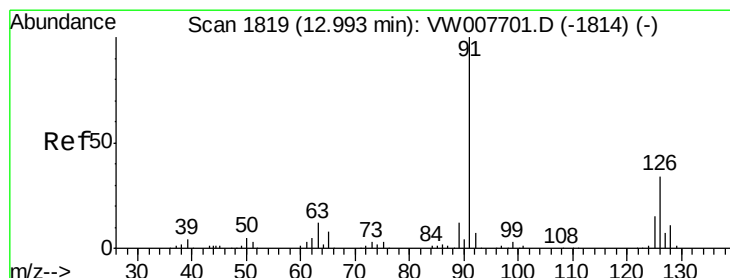
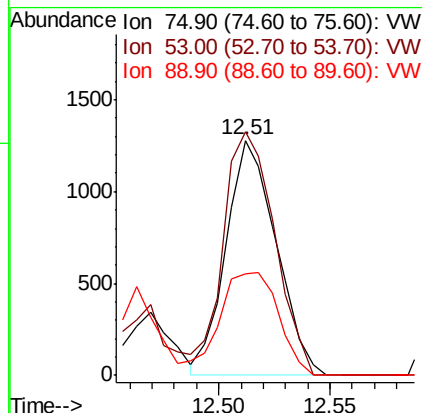
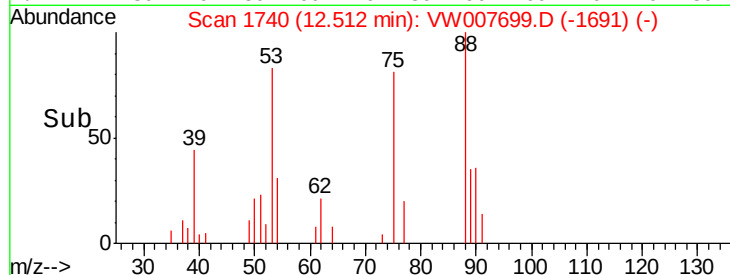
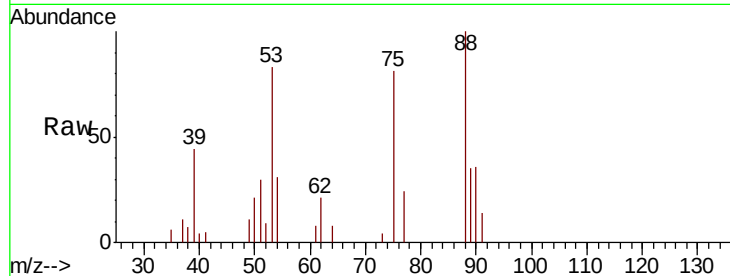
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	2004
Ion	Ratio	Lower	Upper
75	100		
53	105.6	80.2	120.2
89	51.8	39.2	58.8

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#82

4-Chlorotoluene

Concen: 9.922 ug/l

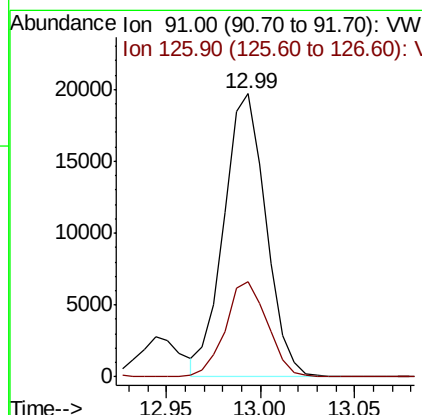
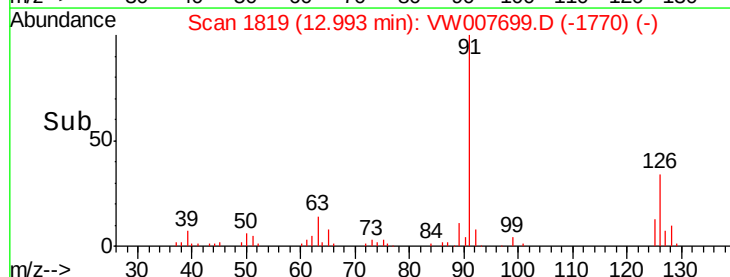
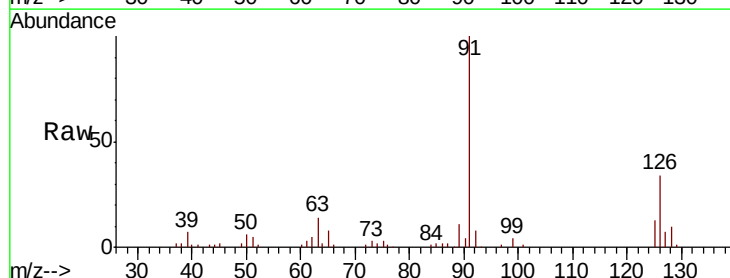
RT: 12.99 min Scan# 1819

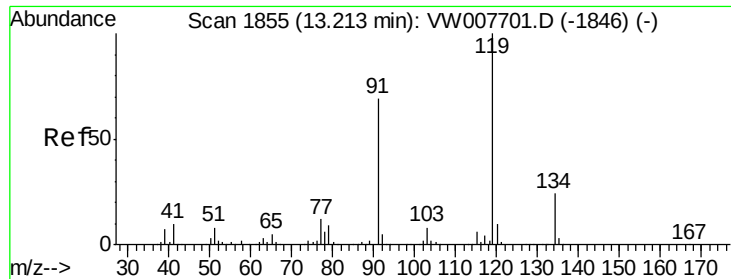
Delta R.T. -0.00 min

Lab File: VW007699.D

Acq: 19 Dec 2018 14:01

Tgt Ion:	91	Resp:	30551
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.5	49.5





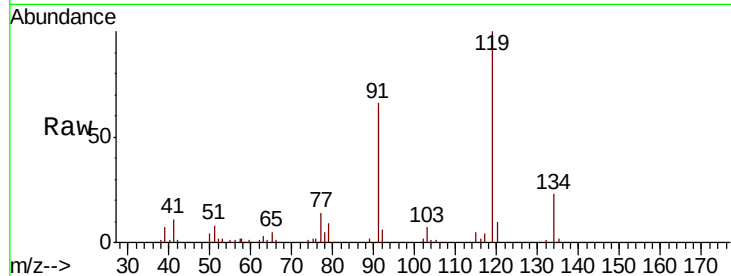
#83
tert-Butylbenzene
Concen: 9.470 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.2	102.5
134	26.3	12.8	38.4

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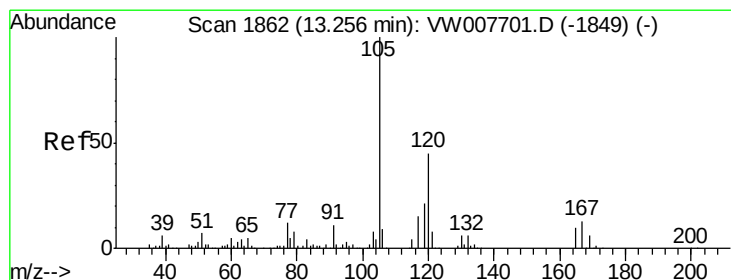
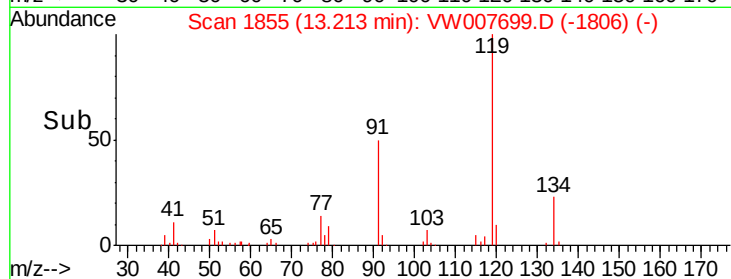
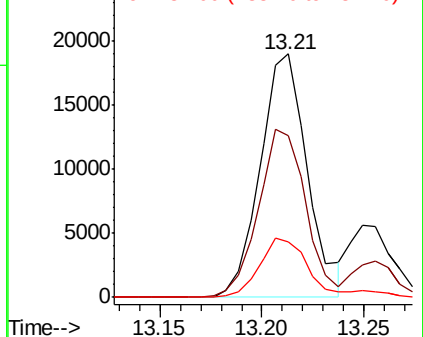


Abundance

Ion 119.00 (118.70 to 119.70): V

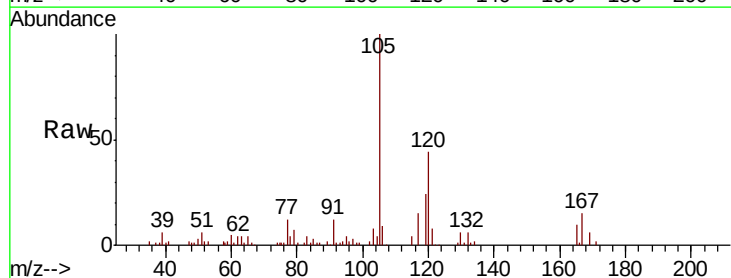
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 9.609 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

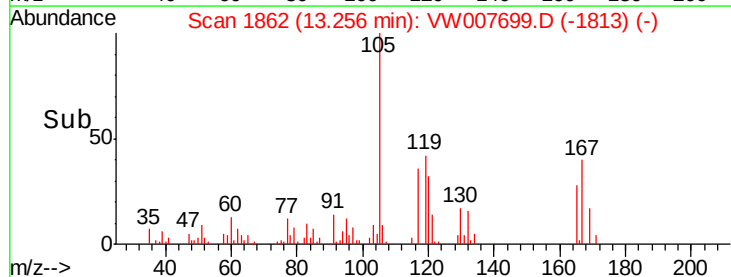
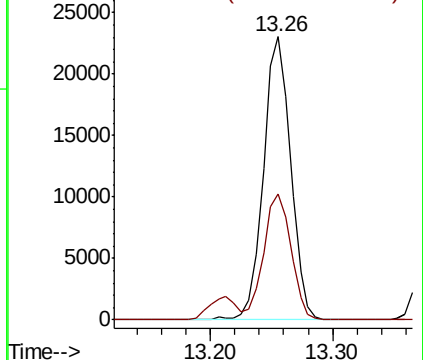
Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.0	66.0

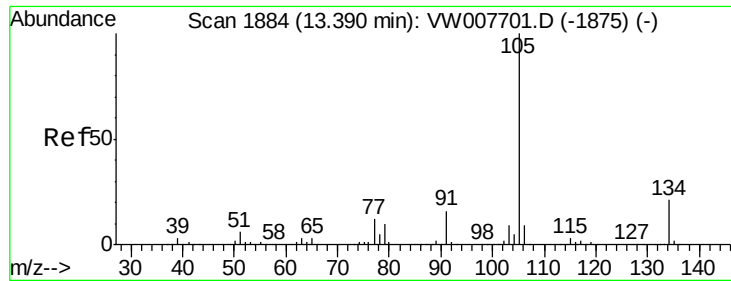


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





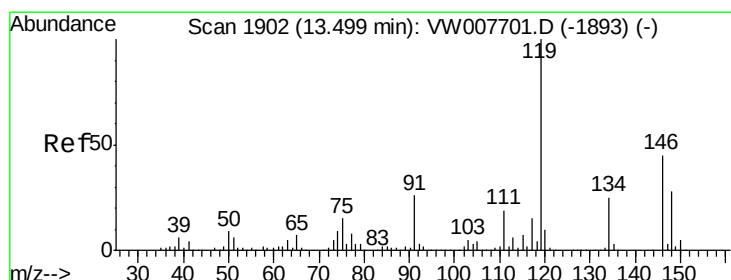
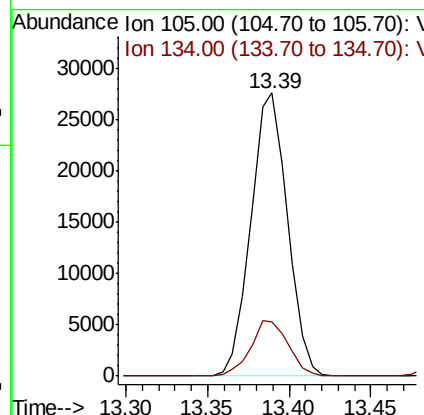
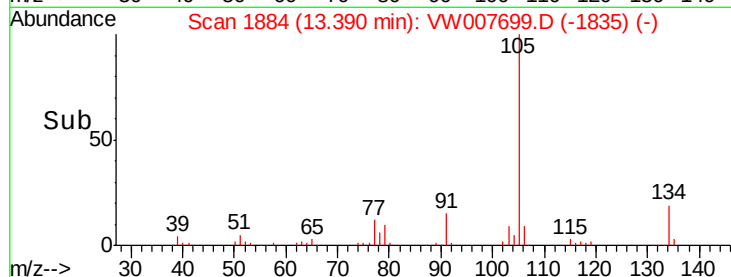
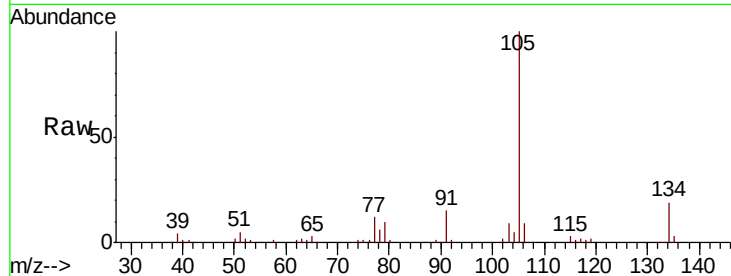
#85
 sec-Butylbenzene
 Concen: 9.695 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.2	30.4

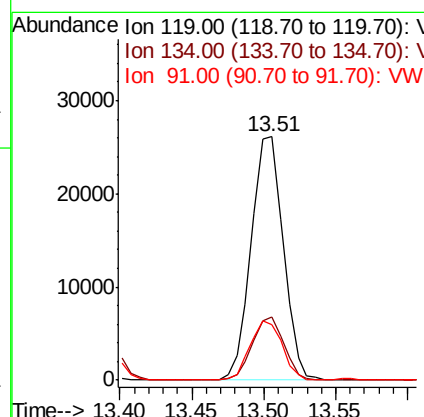
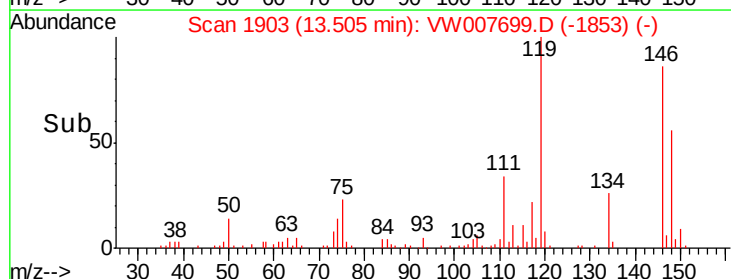
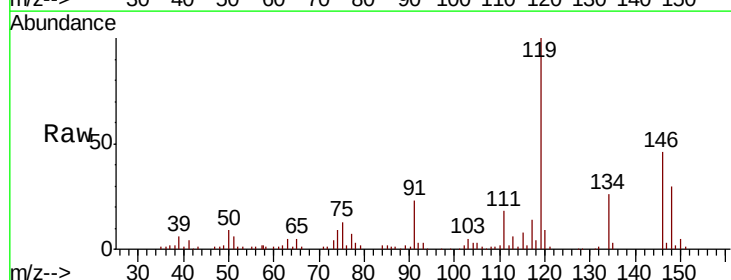
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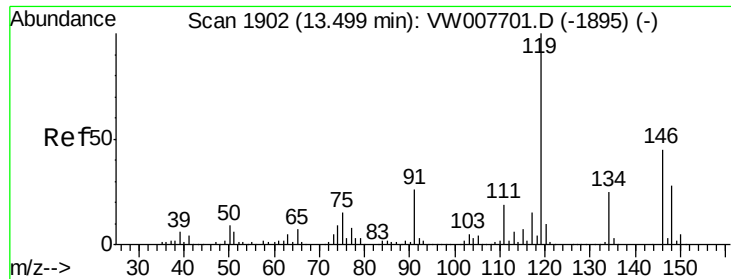
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#86
 p-Isopropyltoluene
 Concen: 9.967 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	24.4	12.8	38.4





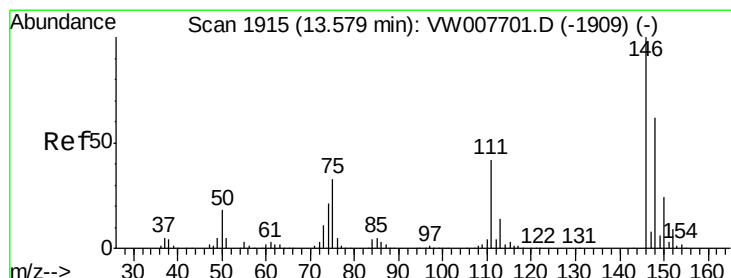
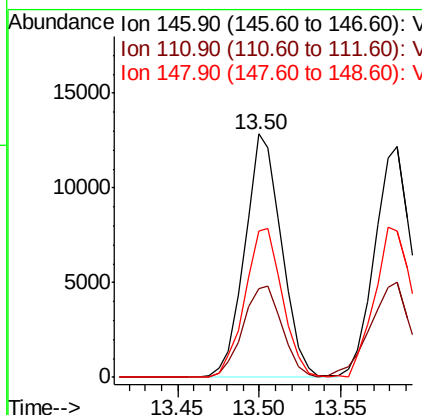
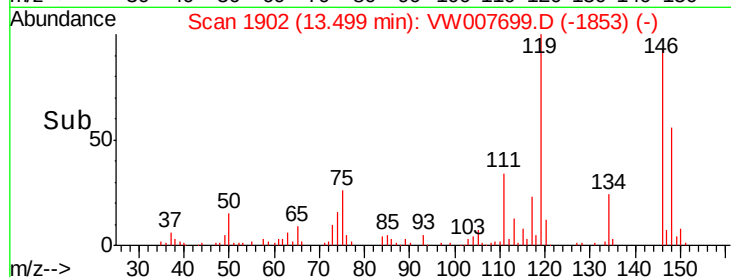
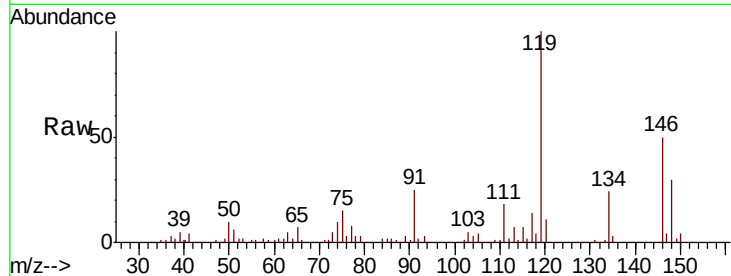
#87
 1,3-Dichlorobenzene
 Concen: 10.339 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.1	63.4
148	62.5	32.1	96.5

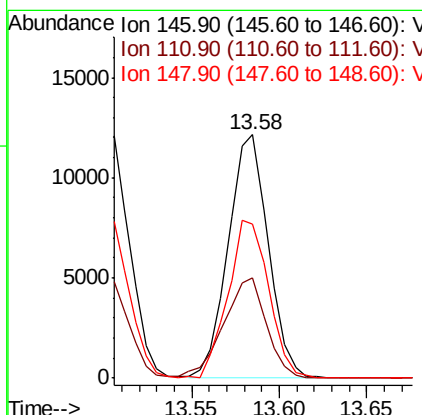
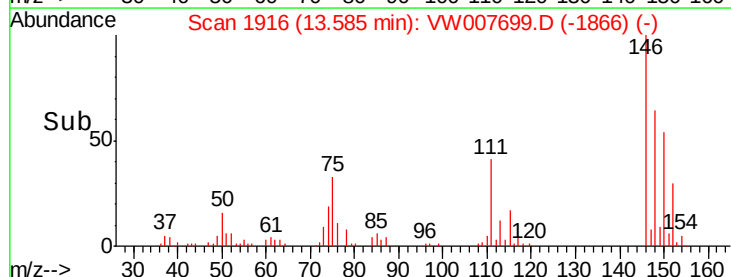
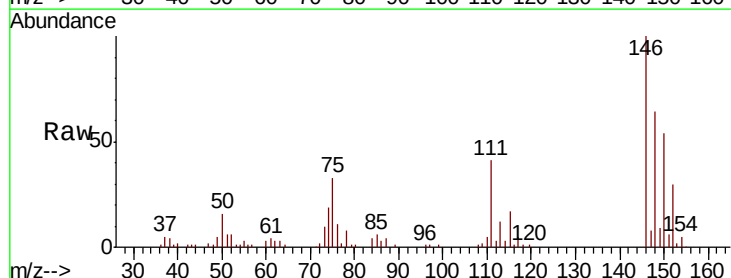
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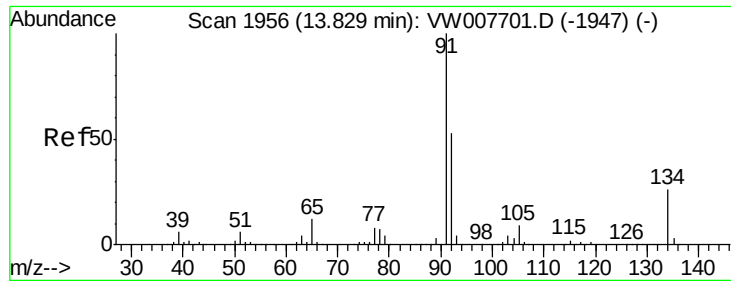
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#88
 1,4-Dichlorobenzene
 Concen: 9.987 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.0	63.0
148	65.9	31.8	95.4





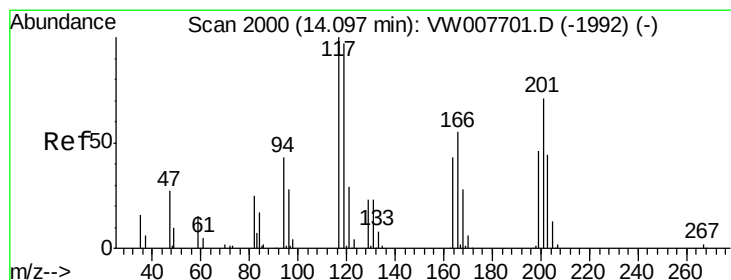
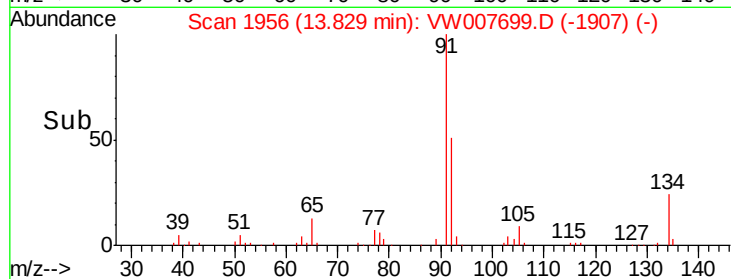
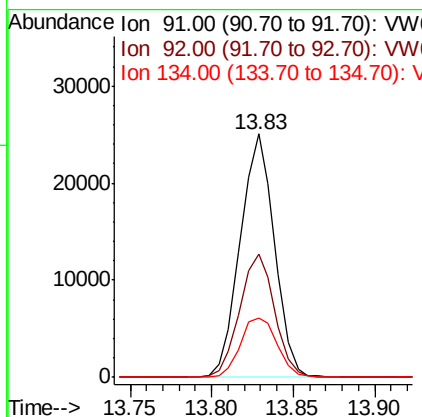
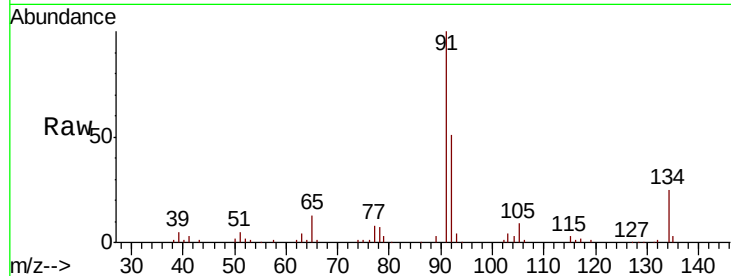
#89
n-Butylbenzene
Concen: 9.884 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.2
134	26.4	13.7	41.0

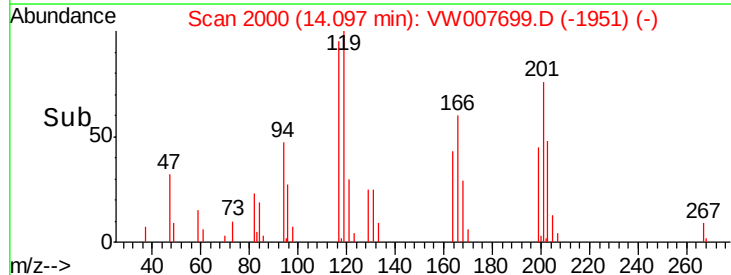
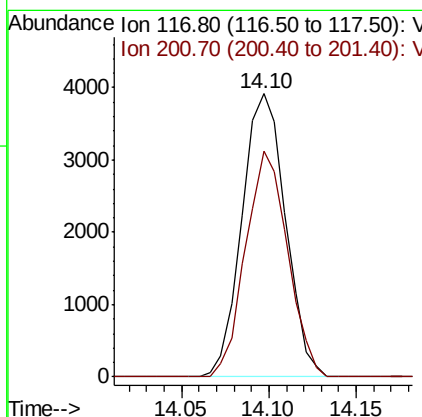
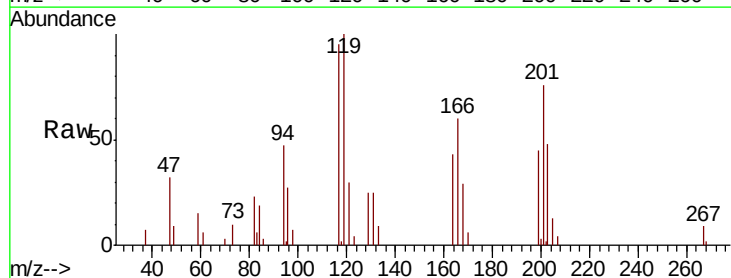
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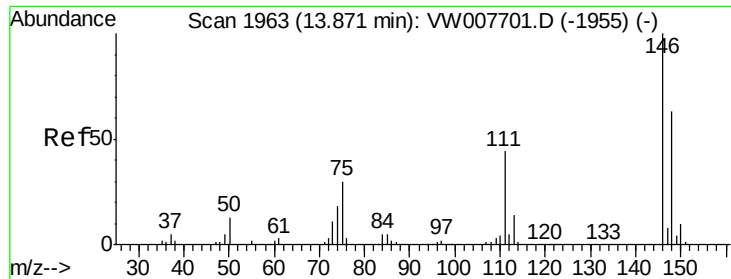
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#90
Hexachloroethane
Concen: 9.549 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	36.2	108.6





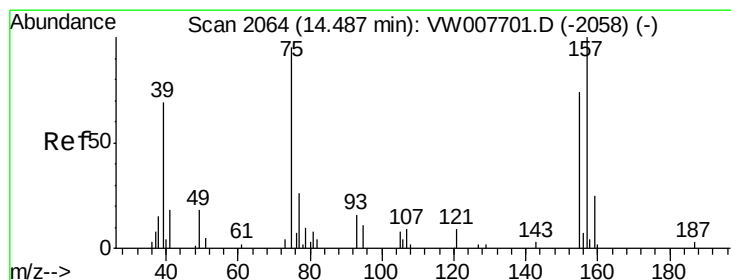
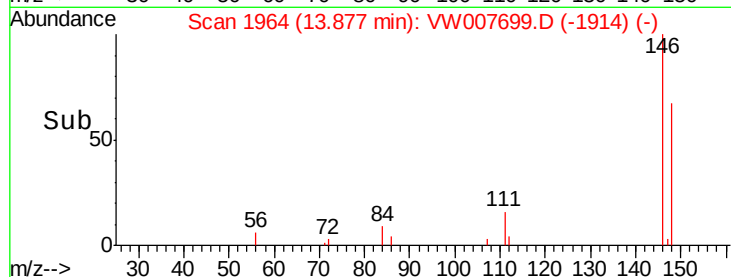
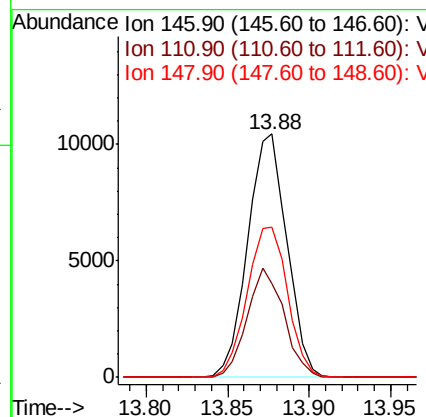
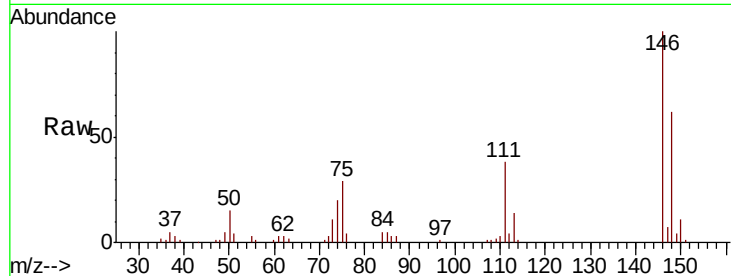
#91
 1,2-Dichlorobenzene
 Concen: 10.051 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.7	65.1
148	63.7	32.1	96.5

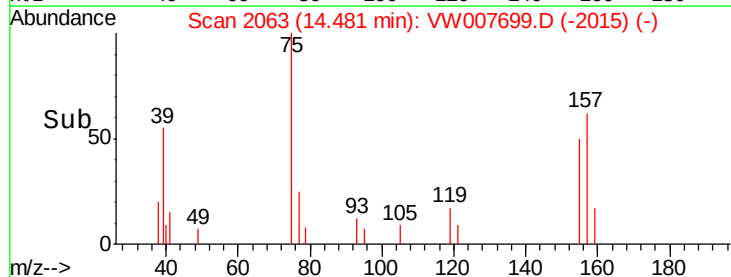
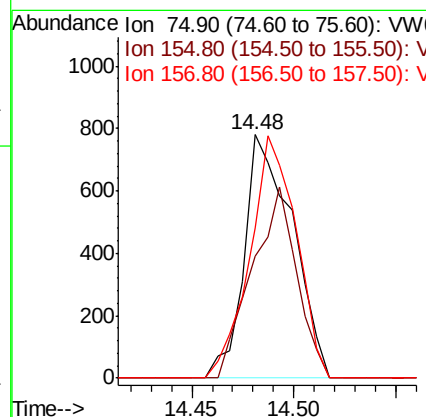
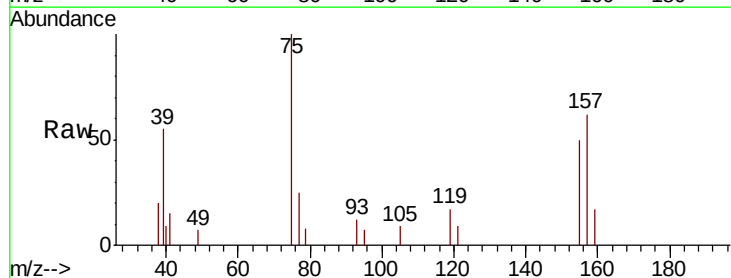
Manual Integrations
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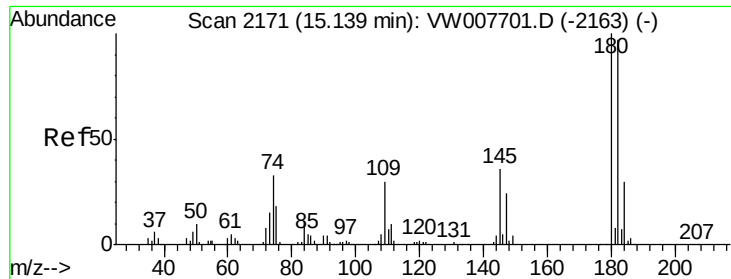
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.733 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW007699.D
 Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	39.4	118.1
157	96.2	52.0	156.0





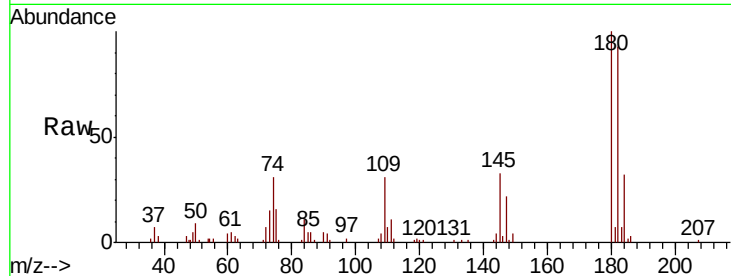
#93
1,2,4-Trichlorobenzene
Concen: 9.961 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	12013		
182	94.7		47.5	142.6
145	32.8		17.5	52.5

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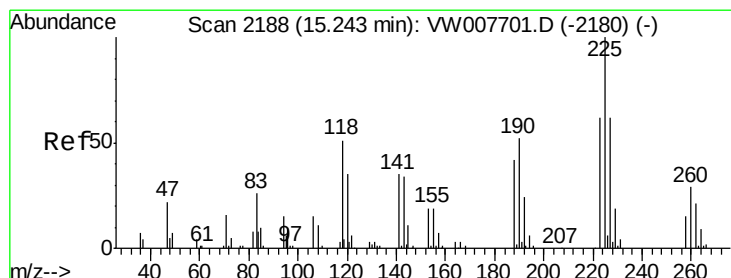
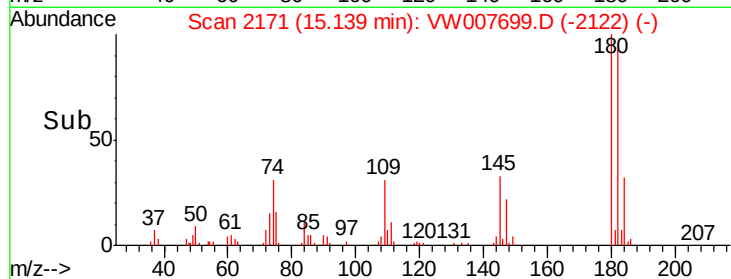
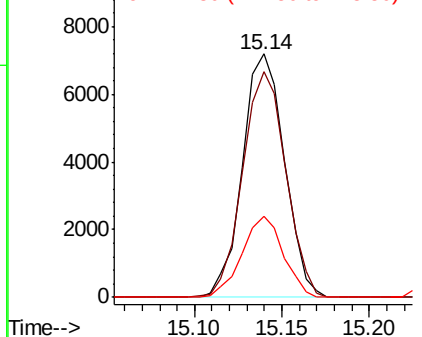


Abundance

Ion 179.80 (179.50 to 180.50): V

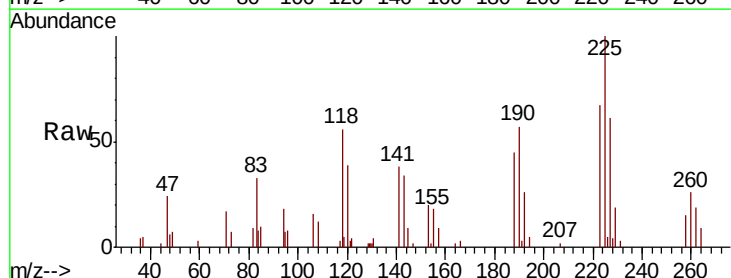
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 9.854 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	6351		
223	63.6		31.6	94.8
227	63.1		32.1	96.3

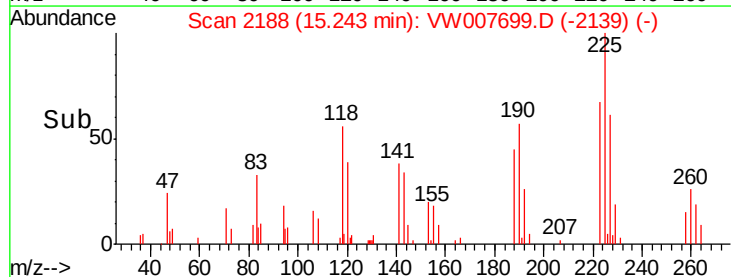
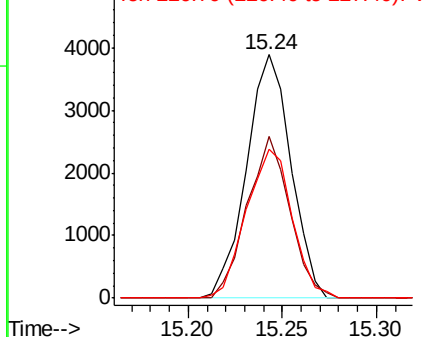


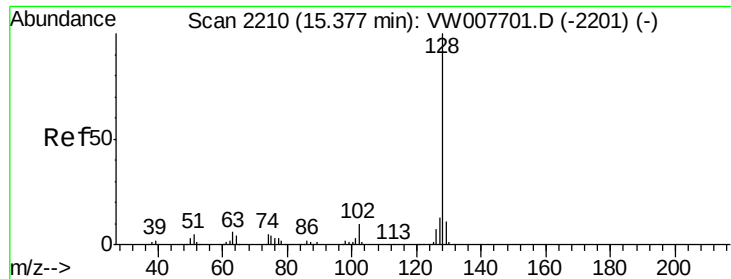
Abundance

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





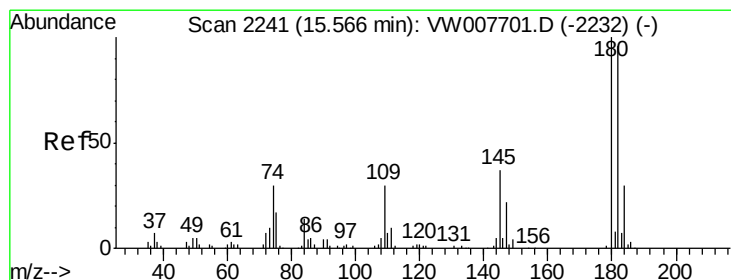
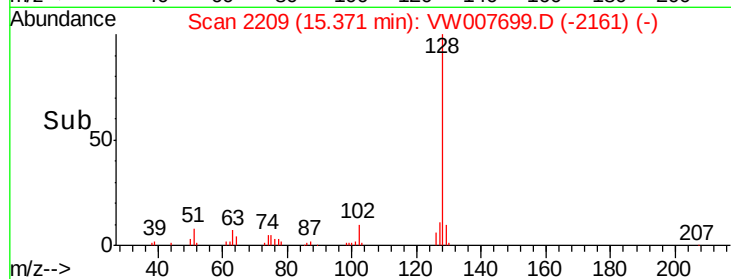
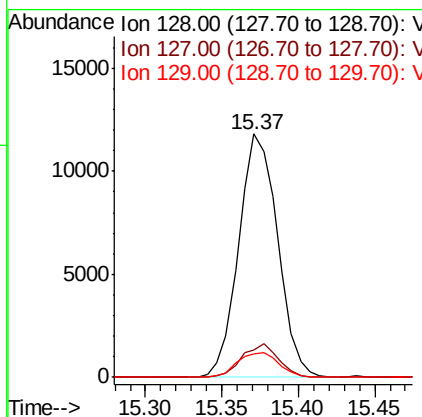
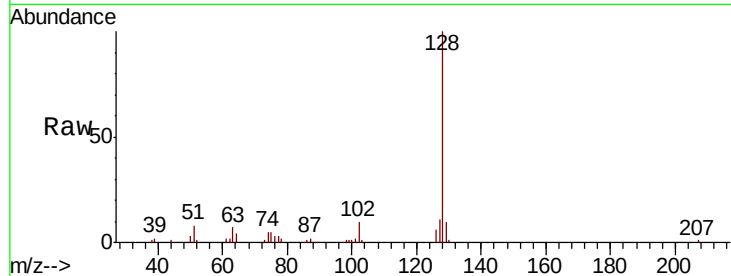
#95
Naphthalene
Concen: 9.353 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
12/20/2018 11:19:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 9.477 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007699.D
Acq: 19 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.4	142.2
145	37.3	18.4	55.0

