

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003477.D
 Acq On : 23 Jun 2018 23:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:08:40 AM

Quant Time: Jun 25 04:27:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	449875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157722	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	7.88	113	138688	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.33	98	549693	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.62	95	199171	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52619	62.05	ug/l	92
3) Chloromethane	2.21	50	98040	45.76	ug/l	95
4) Vinyl Chloride	2.36	62	134938	43.20	ug/l	98
5) Bromomethane	2.78	94	85951	41.40	ug/l	98
6) Chloroethane	2.92	64	88717	40.80	ug/l	99
7) Trichlorofluoromethane	3.25	101	81573	43.59	ug/l	96
8) Diethyl Ether	3.68	74	68337	49.71	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116827	44.96	ug/l	99
10) Methyl Iodide	4.26	142	189053	48.11	ug/l	100
11) Tert butyl alcohol	5.23	59	46135	283.12	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	116426	45.85	ug/l	99
13) Acrolein	3.90	56	70541	302.78	ug/l	96
14) Allyl chloride	4.66	41	218920	49.77	ug/l	97
15) Acrylonitrile	5.38	53	149533	264.39	ug/l	99
16) Acetone	4.15	43	141765	222.47	ug/l	99
17) Carbon Disulfide	4.37	76	337737	44.99	ug/l	98
18) Methyl Acetate	4.68	43	82351	54.47	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	260056	54.68	ug/l	99
20) Methylene Chloride	4.91	84	135026	49.87	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	132376	47.90	ug/l	97
22) Diisopropyl ether	6.32	45	473745	53.52	ug/l	100
23) Vinyl Acetate	6.26	43	1357001	266.01	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260095	49.49	ug/l	99
25) 2-Butanone	7.18	43	203486	256.80	ug/l	97
26) 2,2-Dichloropropane	7.17	77	157032	44.77	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151686	49.96	ug/l	99
28) Bromochloromethane	7.51	49	127116	58.13	ug/l	98
29) Tetrahydrofuran	7.54	42	133462	275.59	ug/l	98
30) Chloroform	7.68	83	271121	50.64	ug/l	99
31) Cyclohexane	7.96	56	217632	44.33	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	209429	47.39	ug/l	99
36) 1,1-Dichloropropene	8.09	75	200832	46.23	ug/l	99
37) Ethyl Acetate	7.26	43	93313	51.84	ug/l	99
38) Carbon Tetrachloride	8.07	117	193014	45.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	230404	45.83	ug/l	97
40) Benzene	8.33	78	581061	48.52	ug/l	100
41) Methacrylonitrile	7.49	41	51685	46.80	ug/l	91
42) 1,2-Dichloroethane	8.40	62	183723	48.97	ug/l	99
43) Isopropyl Acetate	8.43	43	186541	52.20	ug/l	100
44) Trichloroethene	9.09	130	148319	46.74	ug/l	98
45) 1,2-Dichloropropane	9.37	63	152057	49.87	ug/l	96
46) Dibromomethane	9.46	93	77476	49.63	ug/l	99
47) Bromodichloromethane	9.65	83	198180	49.53	ug/l	99
48) Methyl methacrylate	9.44	41	89285	53.16	ug/l	98
49) 1,4-Dioxane	9.49	88	24079	1021.55	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	488984	268.51	ug/l	99
52) Toluene	10.39	92	371135	48.33	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	204509	50.03	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	232976	50.08	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	110977	50.45	ug/l	99
56) Ethyl methacrylate	10.65	69	145558	54.49	ug/l	97
57) 1,3-Dichloropropane	10.94	76	193005	50.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	333019	278.10	ug/l	98
59) 2-Hexanone	10.98	43	337923	265.62	ug/l	99
60) Dibromochloromethane	11.13	129	131767	50.37	ug/l	98
61) 1,2-Dibromoethane	11.24	107	105914	50.90	ug/l	99
64) Tetrachloroethene	10.87	164	130704	46.29	ug/l	98
65) Chlorobenzene	11.66	112	410649	46.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	146963	47.57	ug/l	100
67) Ethyl Benzene	11.74	91	740744	47.53	ug/l	99
68) m/p-Xylenes	11.85	106	561750	94.82	ug/l	99
69) o-Xylene	12.17	106	267991	48.81	ug/l	100
70) Styrene	12.19	104	447745	49.00	ug/l	100
71) Bromoform	12.35	173	79083	49.39	ug/l	99
73) Isopropylbenzene	12.47	105	735371	47.67	ug/l	100
74) N-amyl acetate	12.28	43	184274	52.48	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	131025	50.20	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	93720m	49.43	ug/l	
77) Bromobenzene	12.76	156	170179	47.37	ug/l	95
78) n-propylbenzene	12.81	91	896963	47.49	ug/l	99
79) 2-Chlorotoluene	12.90	91	511891	47.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	624743	48.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	40876	49.61	ug/l	96
82) 4-Chlorotoluene	12.99	91	536603	47.39	ug/l	100
83) tert-Butylbenzene	13.21	119	525686	47.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	645294	48.45	ug/l	100
85) sec-Butylbenzene	13.39	105	772605	47.10	ug/l	100
86) p-Isopropyltoluene	13.51	119	680480	47.04	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	345298	46.79	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	344468	46.95	ug/l	99
89) n-Butylbenzene	13.83	91	657133	46.60	ug/l	100
90) Hexachloroethane	14.10	117	123787	47.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	310596	48.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22726	51.74	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	216968	47.81	ug/l	99
94) Hexachlorobutadiene	15.25	225	123518	45.24	ug/l	99
95) Naphthalene	15.38	128	403052	52.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	193281	48.38	ug/l	99

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

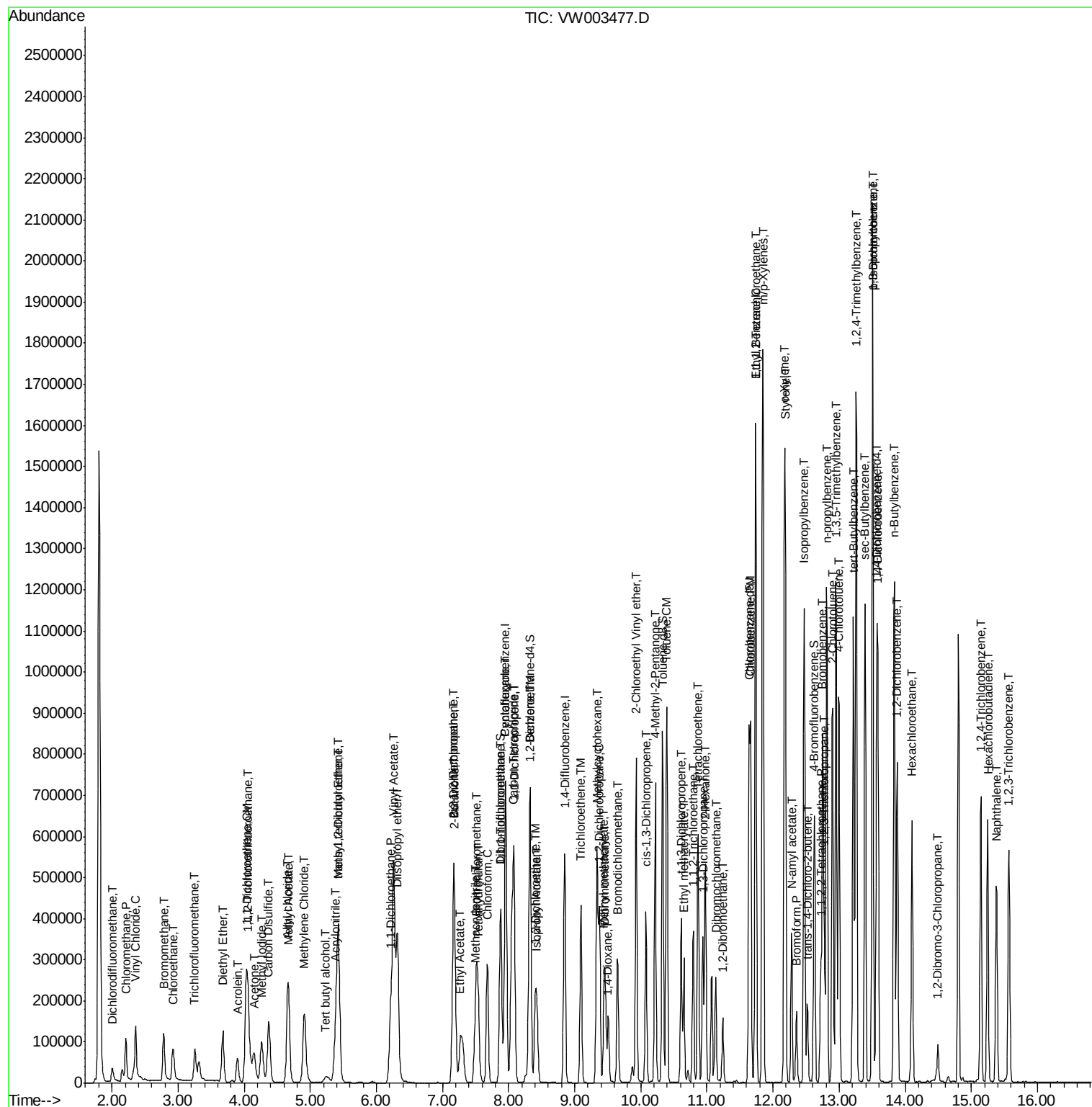
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
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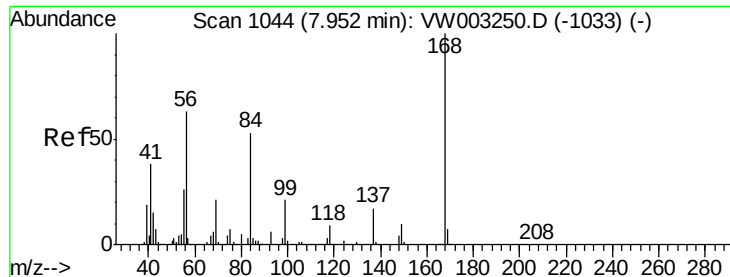
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 168 Resp: 280512

Ion Ratio Lower Upper

168 100

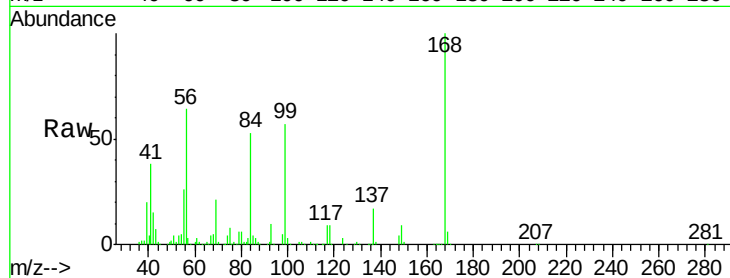
99 57.0 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

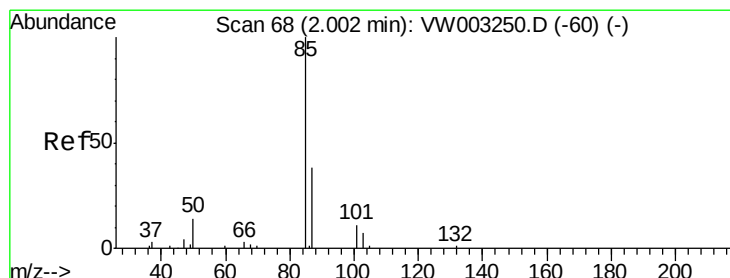
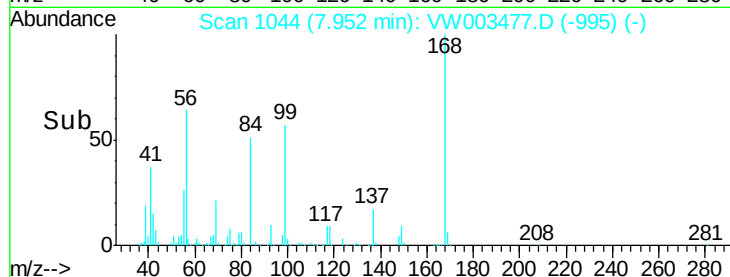
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 62.05 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003477.D

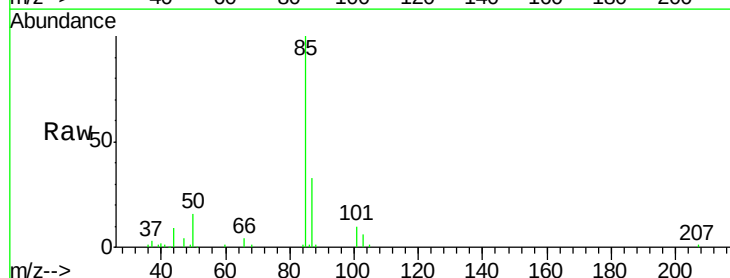
Acq: 23 Jun 2018 23:46

Tgt Ion: 85 Resp: 52619

Ion Ratio Lower Upper

85 100

87 33.2 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

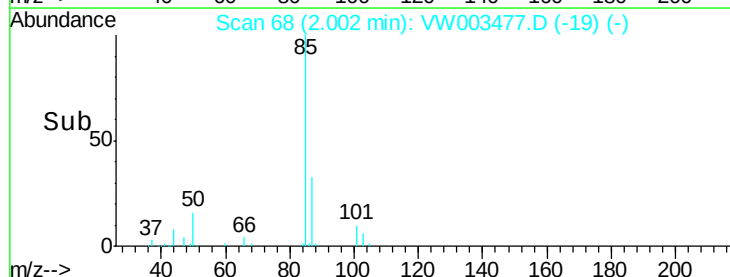
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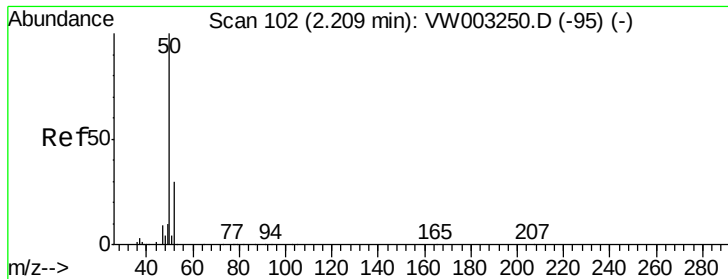
10000

5000

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Time-->





#3

Chloromethane

Concen: 45.76 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 98040

Ion Ratio Lower Upper

50 100

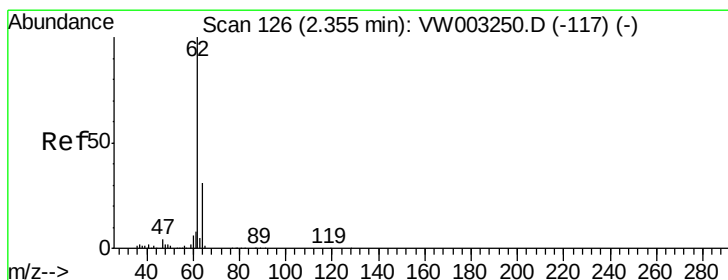
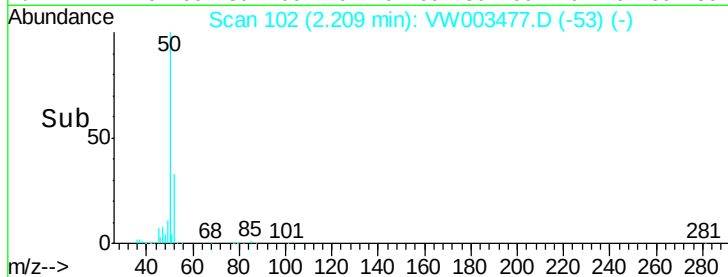
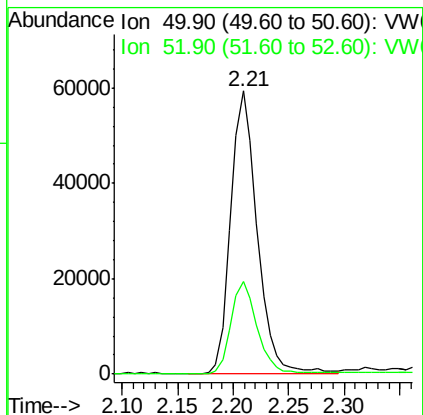
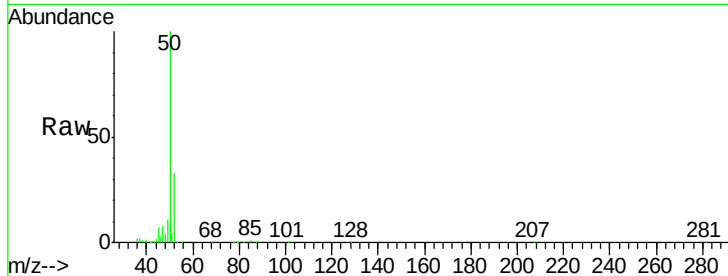
52 32.8 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.20 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003477.D

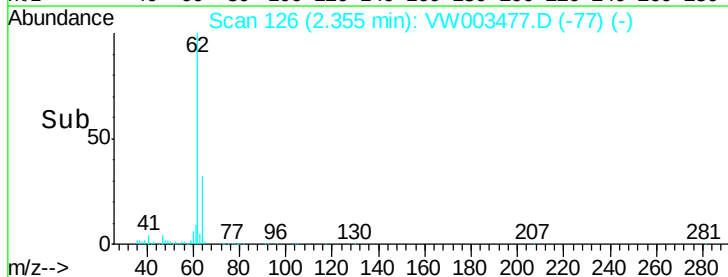
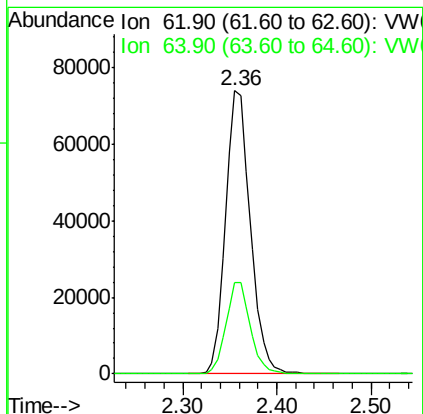
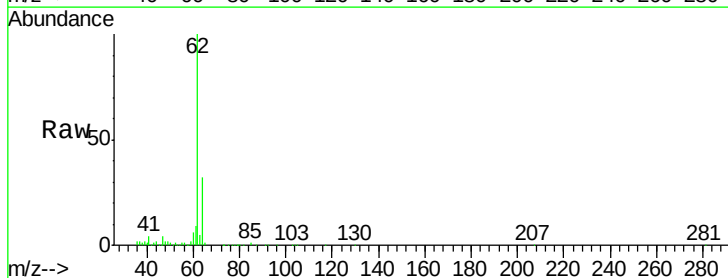
Acq: 23 Jun 2018 23:46

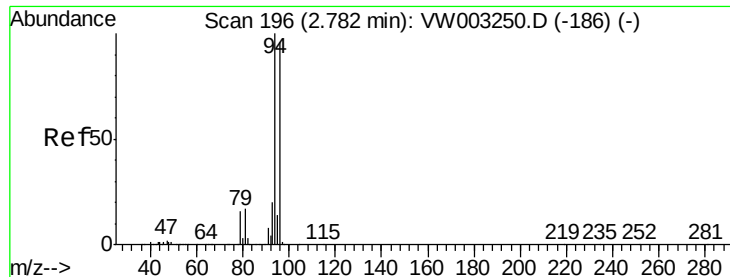
Tgt Ion: 62 Resp: 134938

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 41.40 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 85951

Ion Ratio Lower Upper

94 100

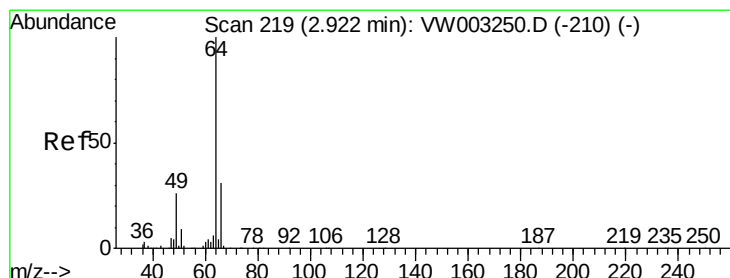
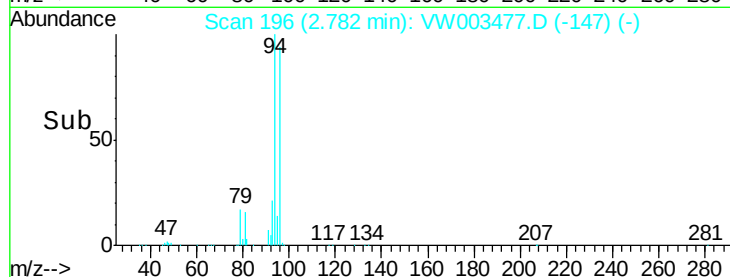
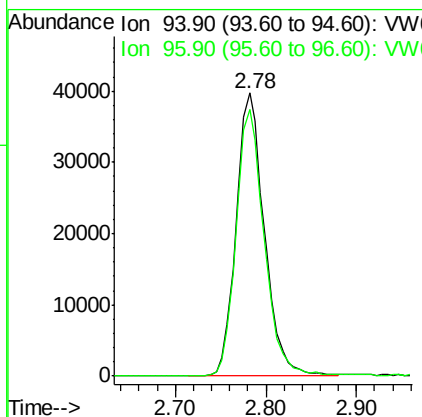
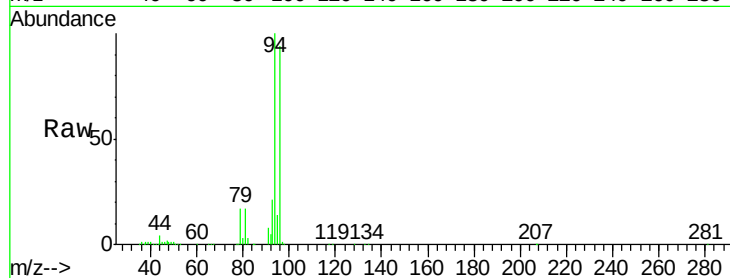
96 94.0 76.5 114.7

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#6

Chloroethane

Concen: 40.80 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003477.D

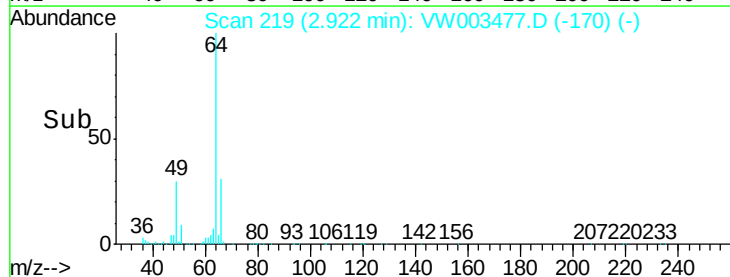
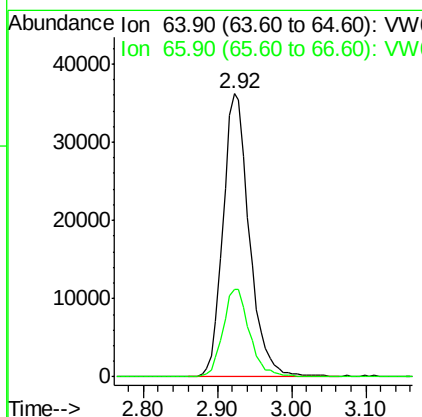
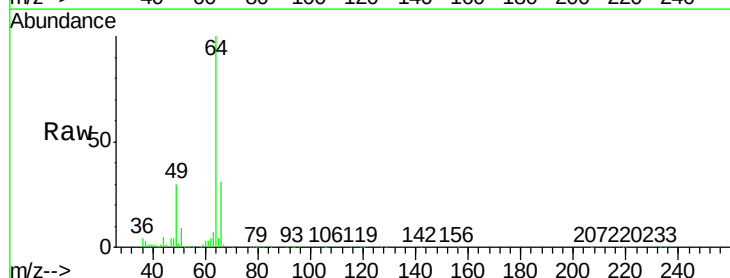
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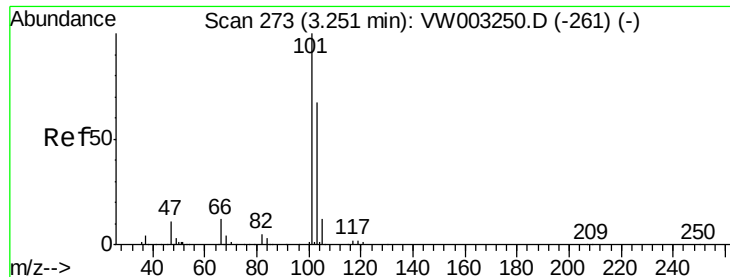
Tgt Ion: 64 Resp: 88717

Ion Ratio Lower Upper

64 100

66 31.1 24.4 36.6





#7

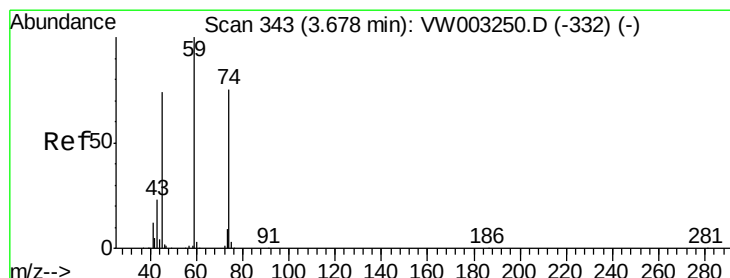
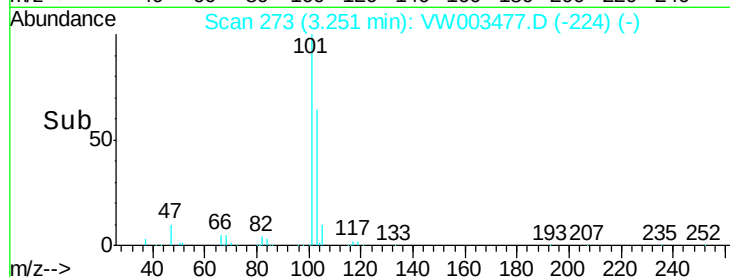
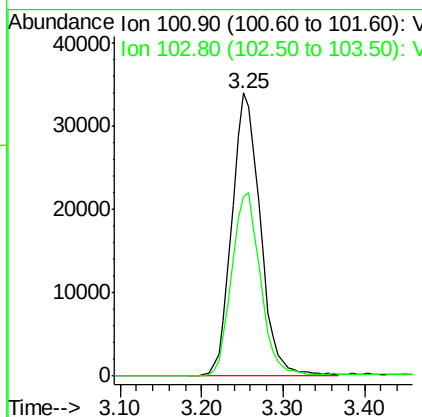
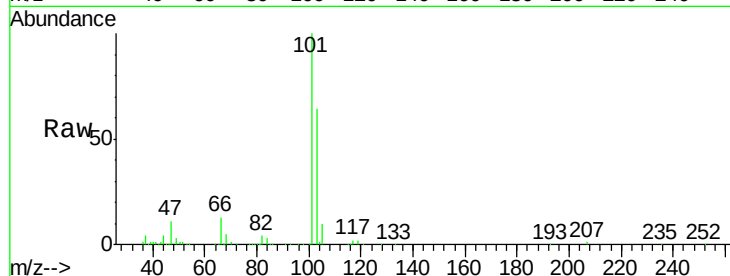
Trichlorofluoromethane
Concen: 43.59 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	53.4	80.0

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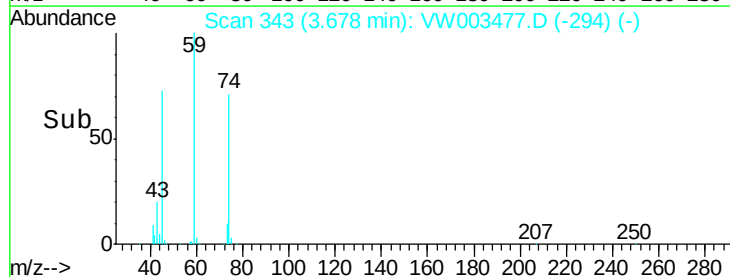
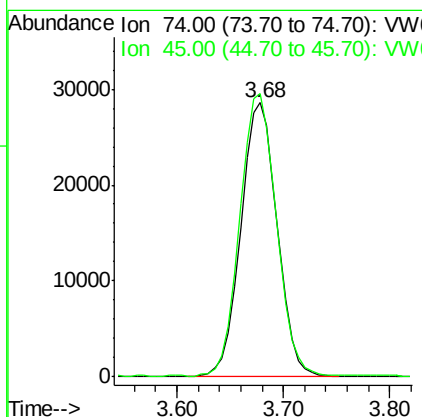
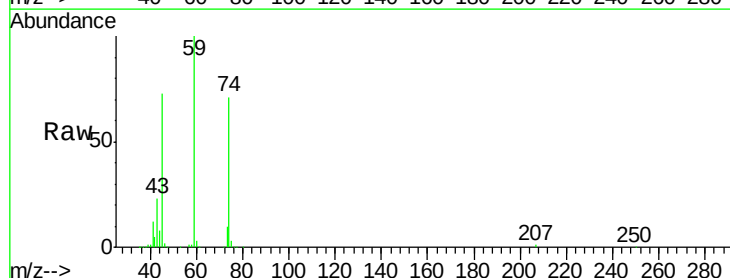
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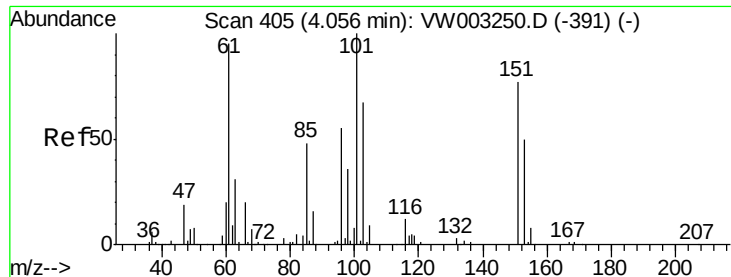


#8

Diethyl Ether
Concen: 49.71 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003477.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.96 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

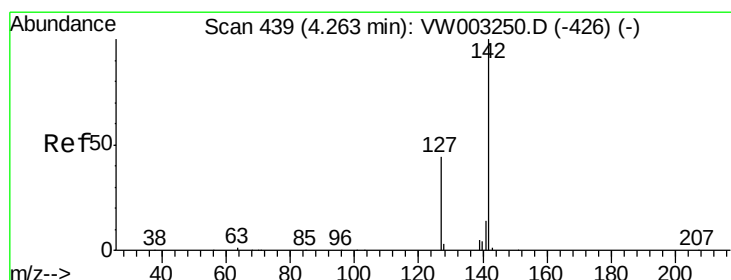
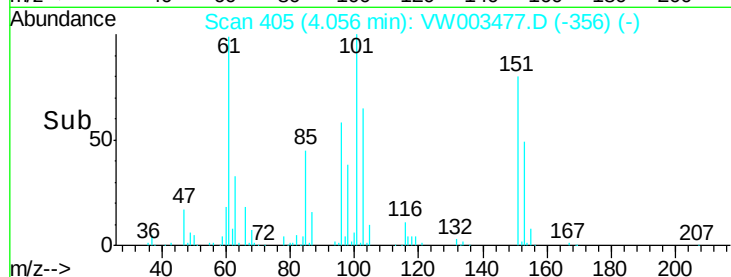
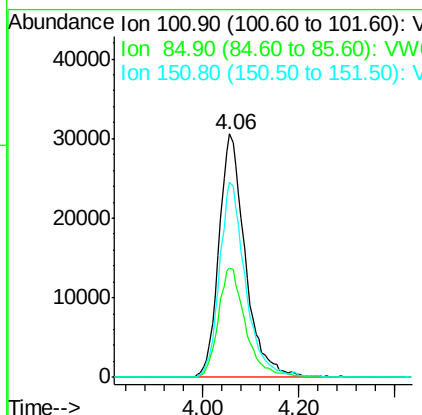
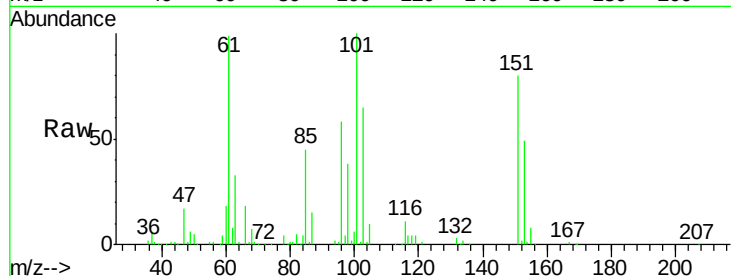
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	116827
Ion Ratio	Lower	Upper	
101	100		
85	46.0	37.0	55.6
151	78.0	63.3	94.9

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#10

Methyl Iodide

Concen: 48.11 ug/l

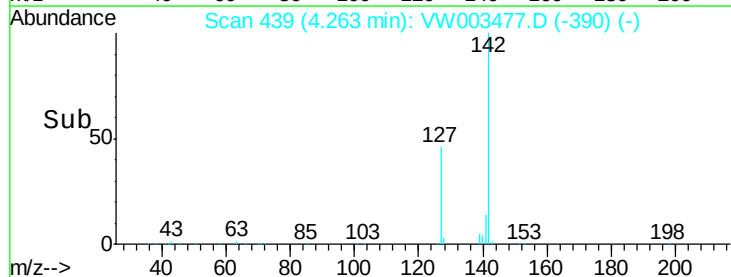
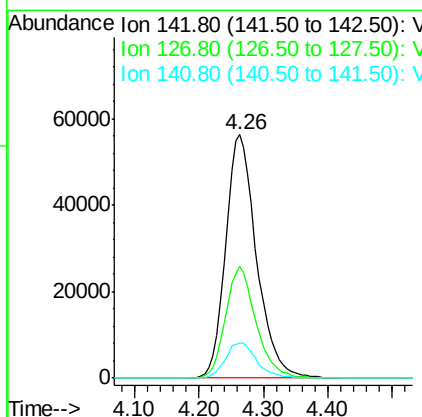
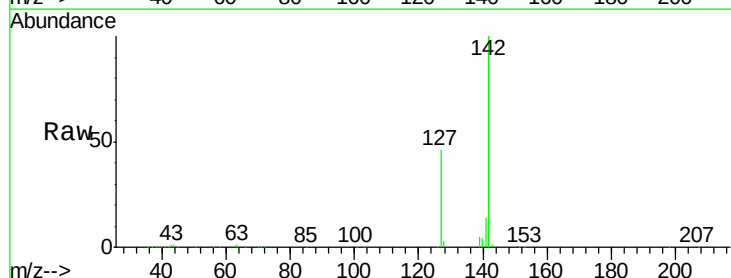
RT: 4.26 min Scan# 439

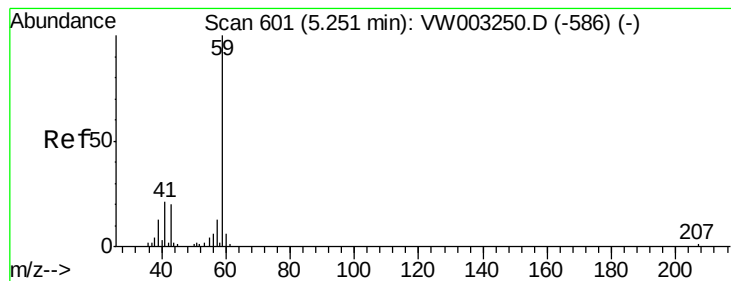
Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion:	142	Resp:	189053
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.5	54.7
141	14.8	12.1	18.1





#11

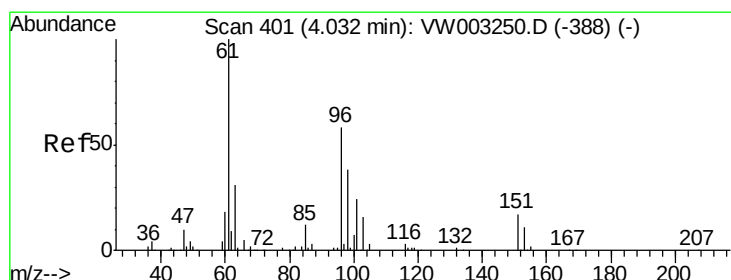
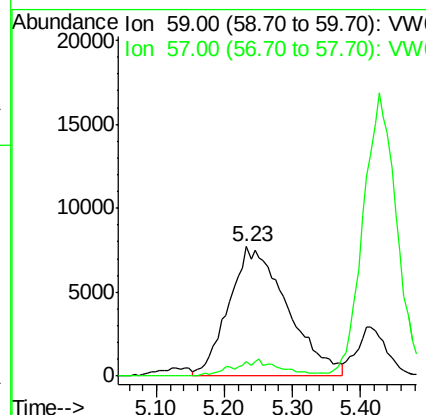
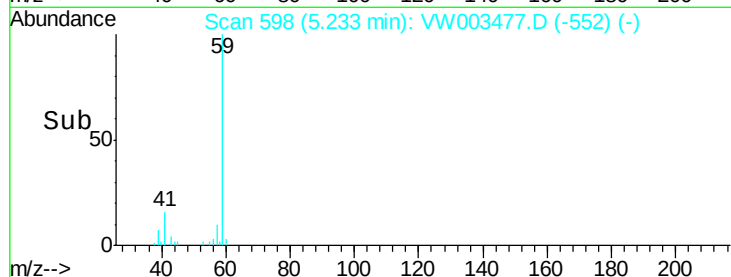
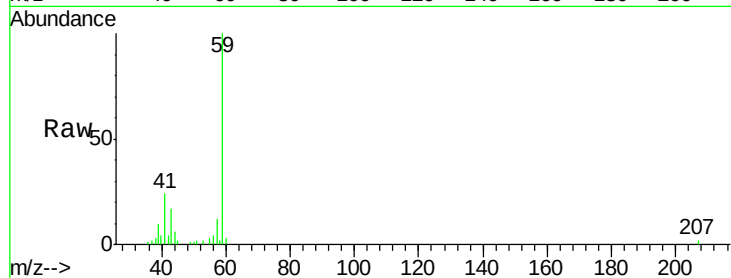
Tert butyl alcohol
Concen: 283.12 ug/l
RT: 5.23 min Scan# 598
Delta R.T. -0.02 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.0	4.2	6.2#

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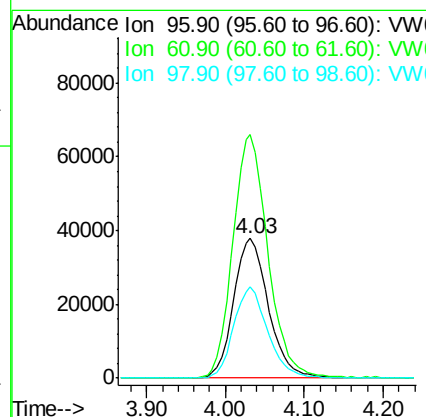
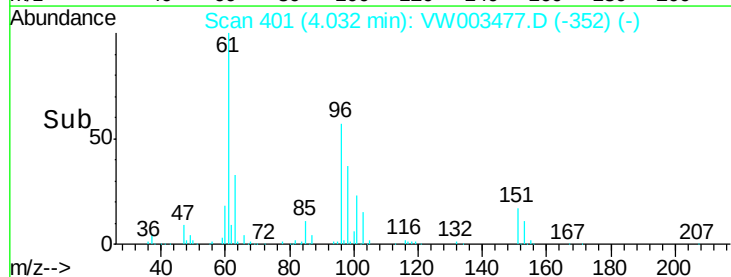
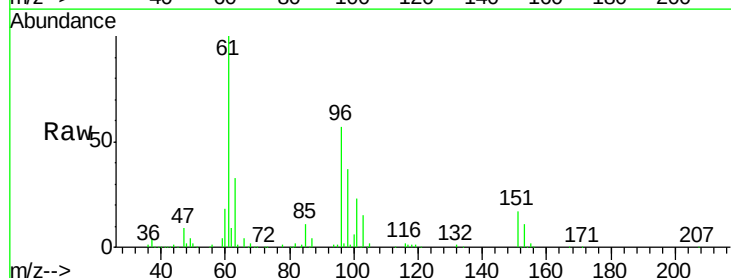
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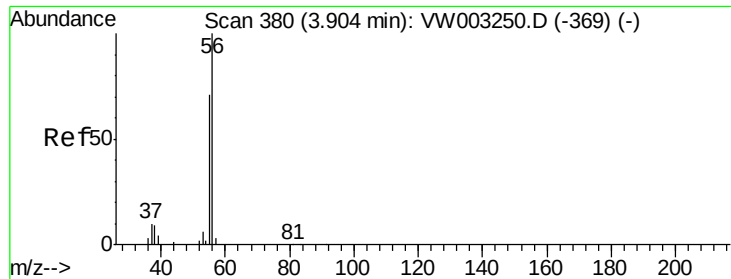


#12

1,1-Dichloroethene
Concen: 45.85 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.3	139.0	208.4
98	65.0	53.3	79.9





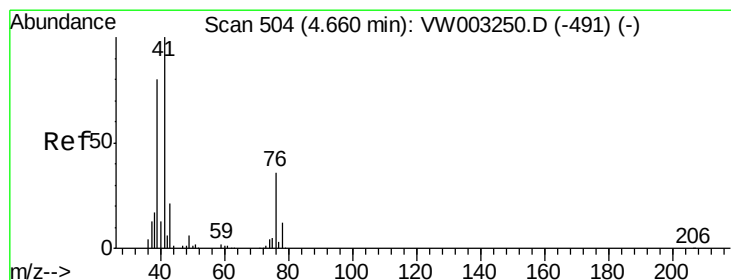
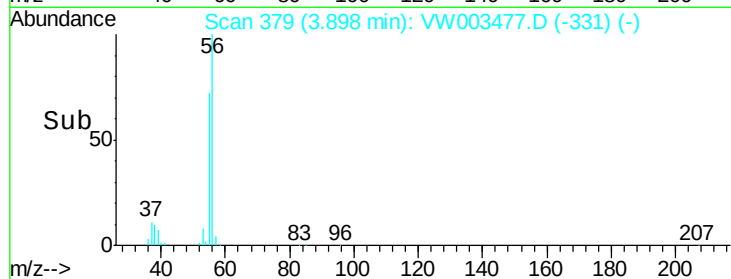
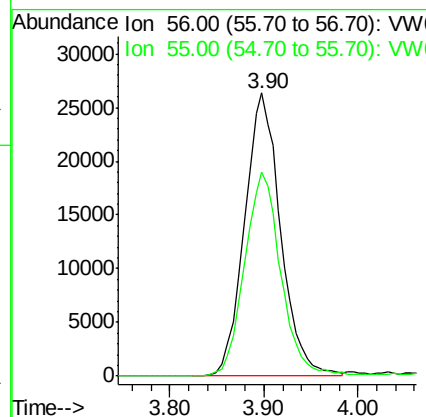
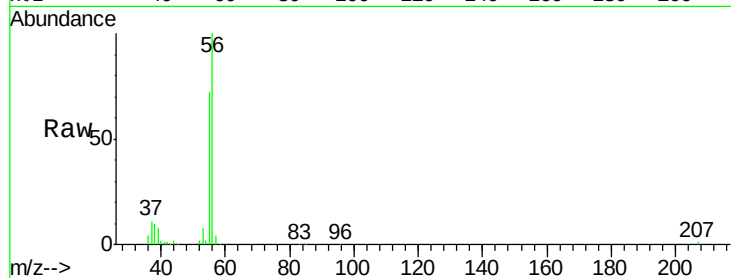
#13
 Acrolein
 Concen: 302.78 ug/l
 RT: 3.90 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	56	Resp	70541
Ion Ratio	100	Lower	Upper
55	72.7	55.4	83.2

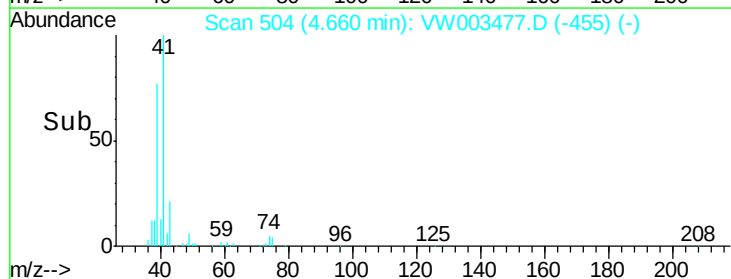
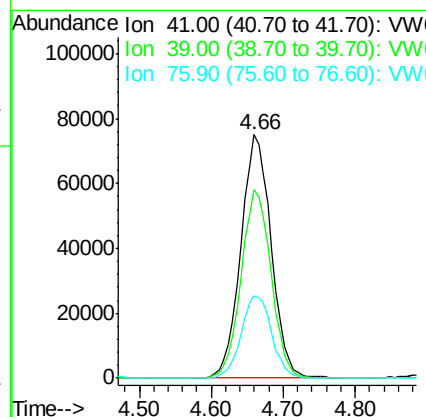
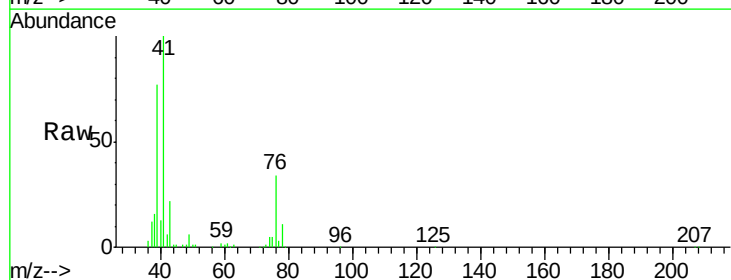
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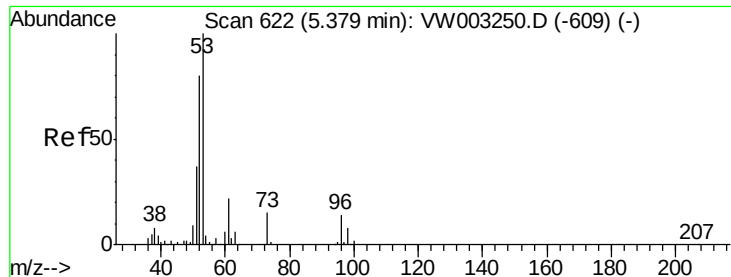
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#14
 Allyl chloride
 Concen: 49.77 ug/l
 RT: 4.66 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion	41	Resp	218920
Ion Ratio	100	Lower	Upper
39	76.2	63.2	94.8
76	34.1	28.0	42.0





#15

Acrylonitrile

Concen: 264.39 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

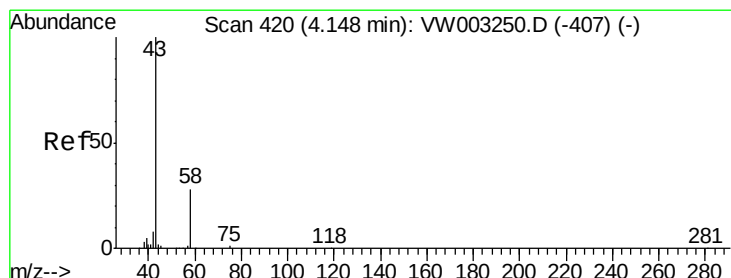
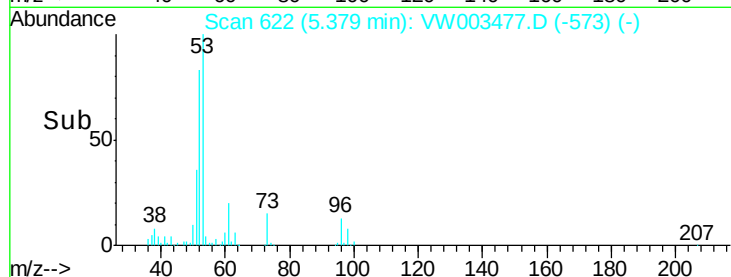
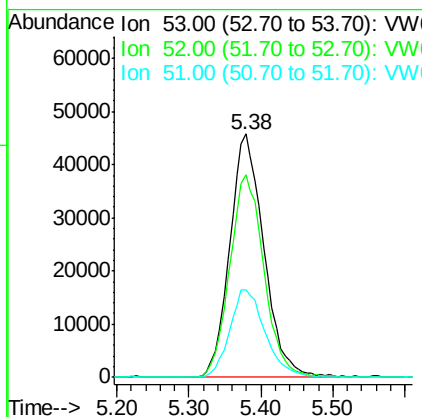
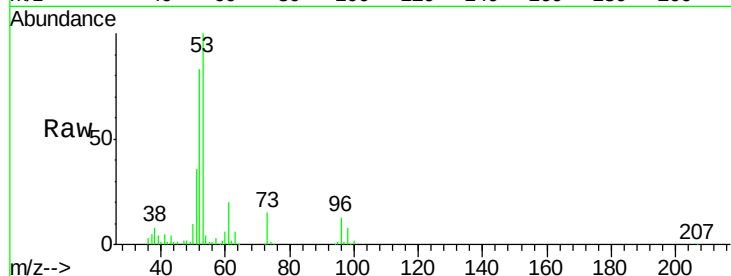
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	149533
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.6	100.0
51	37.6	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 222.47 ug/l

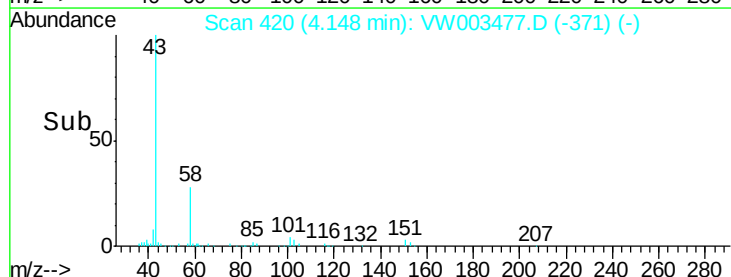
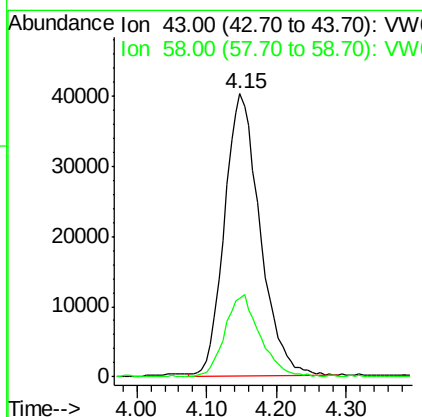
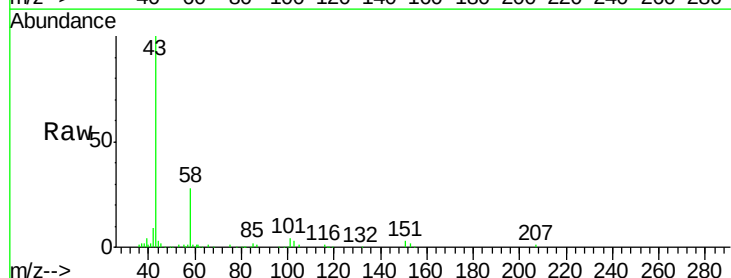
RT: 4.15 min Scan# 420

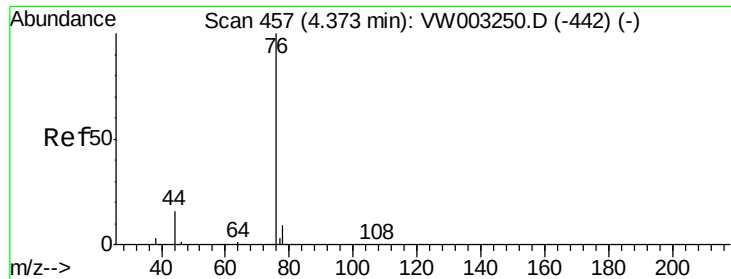
Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion:	43	Resp:	141765
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.6	34.0





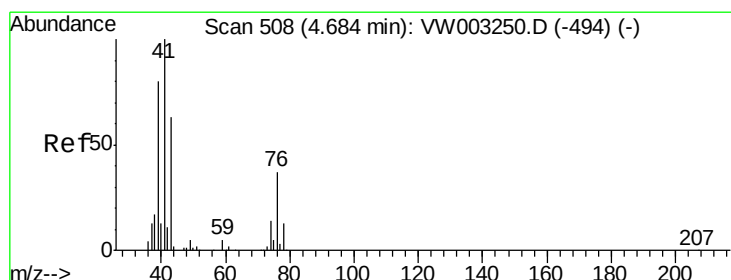
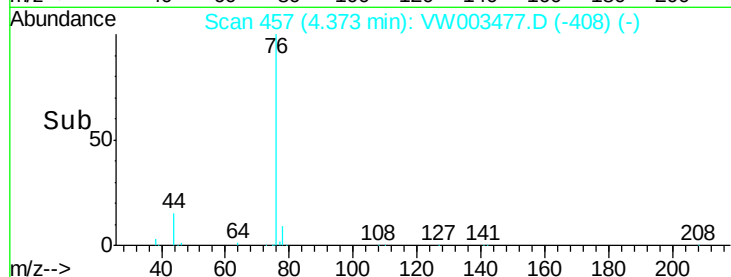
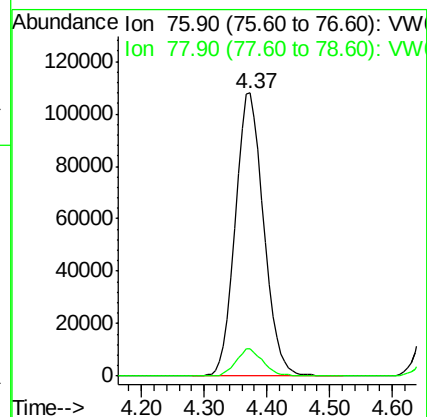
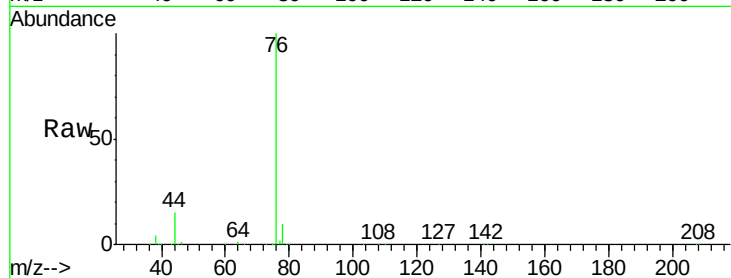
#17
Carbon Disulfide
Concen: 44.99 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7

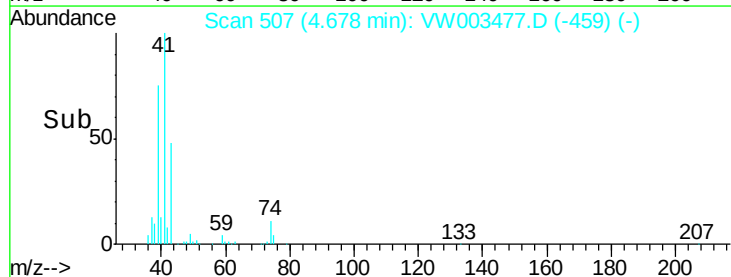
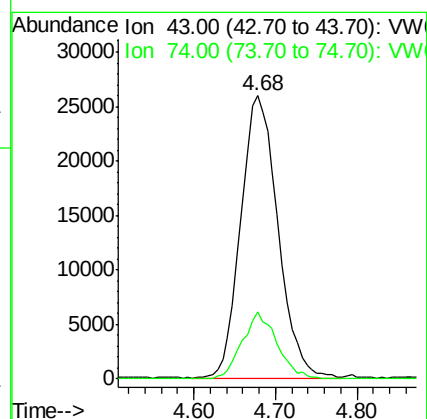
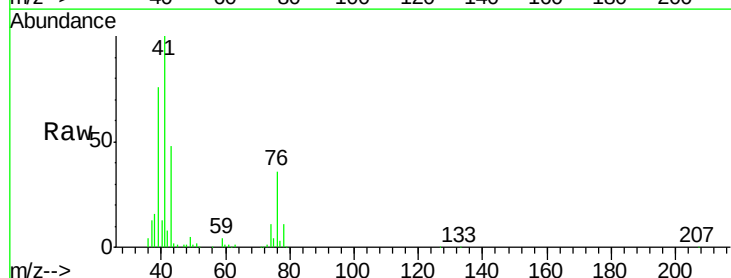
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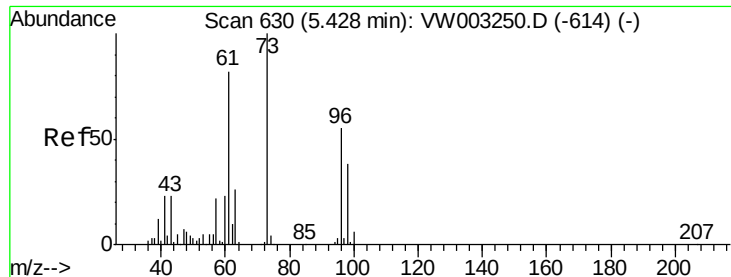
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#18
Methyl Acetate
Concen: 54.47 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.7	28.1





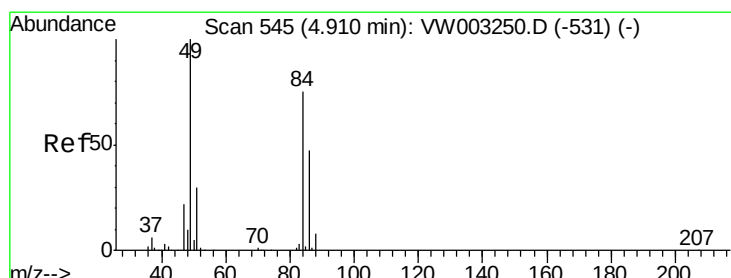
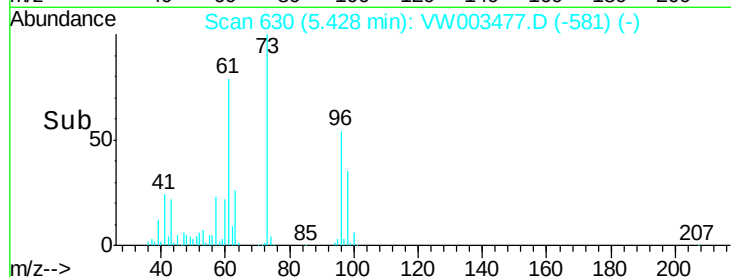
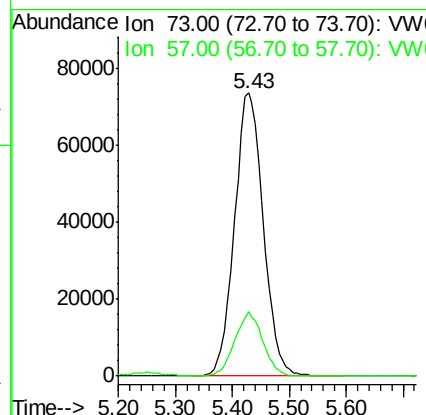
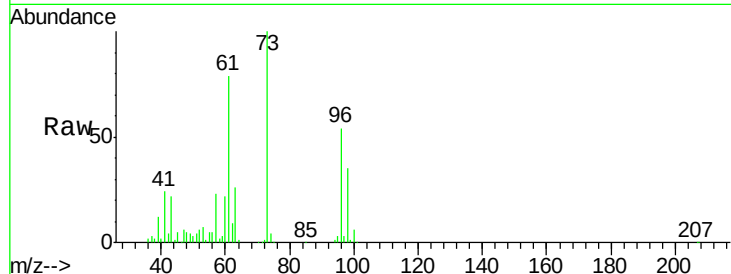
#19
Methyl tert-butyl Ether
Concen: 54.68 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 260056
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0

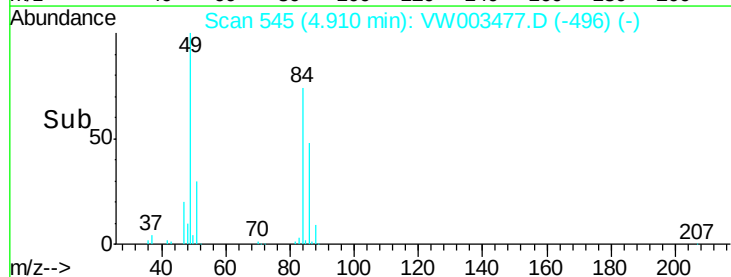
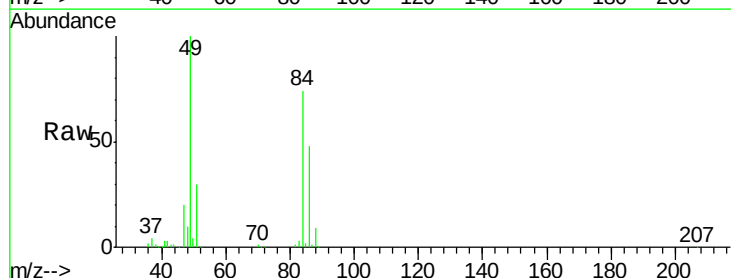
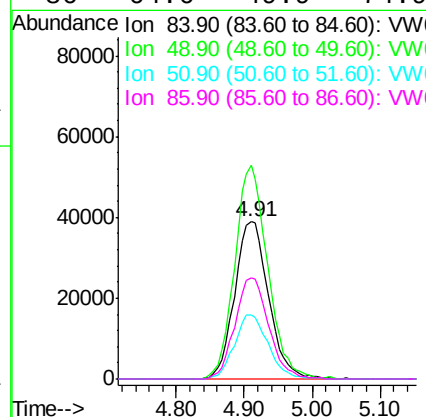
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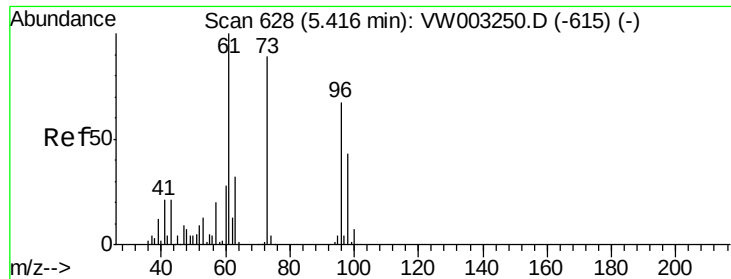
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#20
Methylene Chloride
Concen: 49.87 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion: 84 Resp: 135026
Ion Ratio Lower Upper
84 100
49 136.0 106.3 159.5
51 41.1 32.0 48.0
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.90 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 132376

Ion Ratio Lower Upper

96 100

61 153.6 118.7 178.1

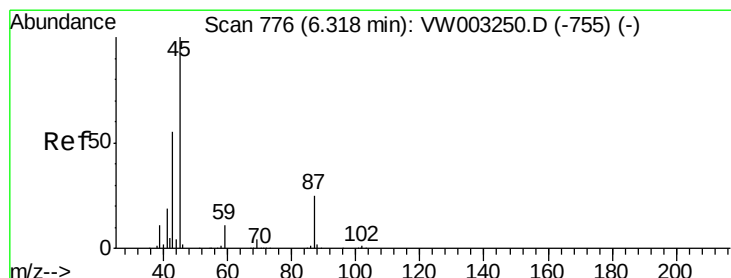
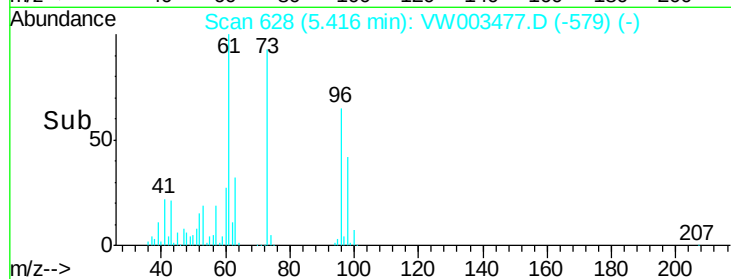
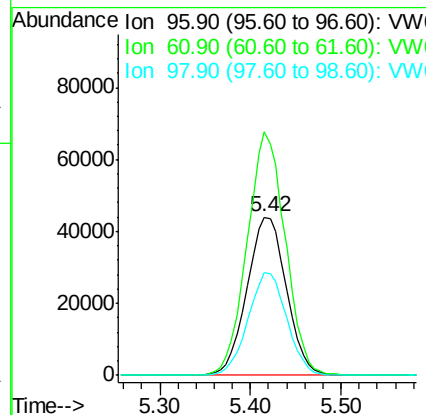
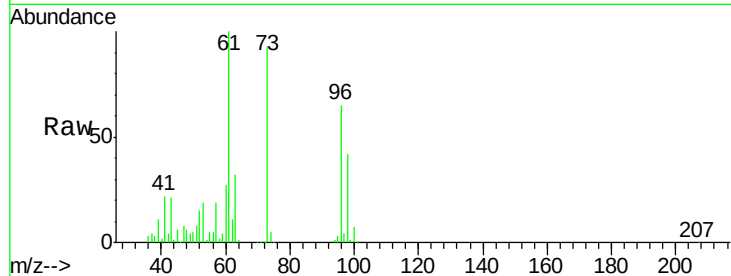
98 64.8 51.0 76.6

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#22

Diisopropyl ether

Concen: 53.52 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion: 45 Resp: 473745

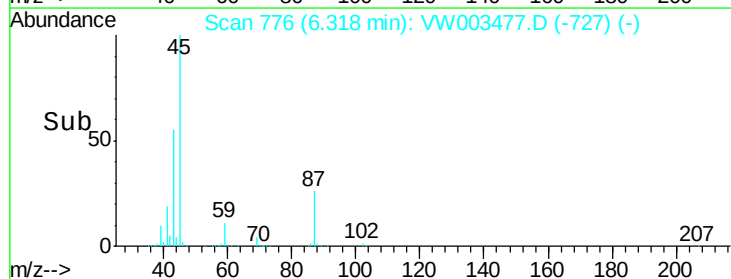
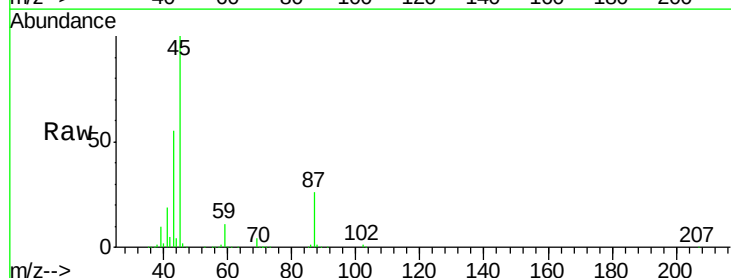
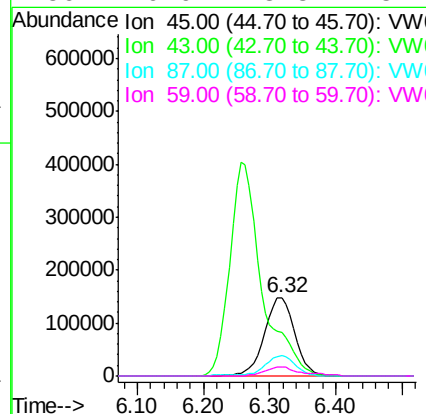
Ion Ratio Lower Upper

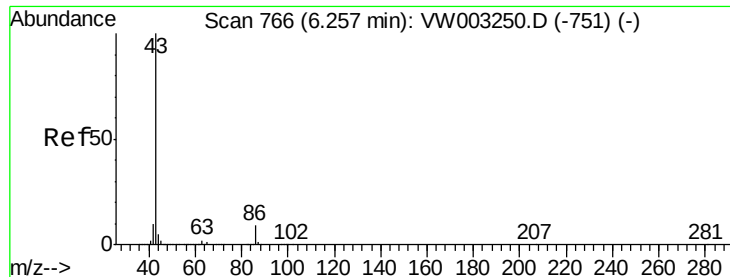
45 100

43 55.4 44.0 66.0

87 26.0 20.6 31.0

59 10.9 8.8 13.2





#23

Vinyl Acetate

Concen: 266.01 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1357001

Ion Ratio Lower Upper

43 100

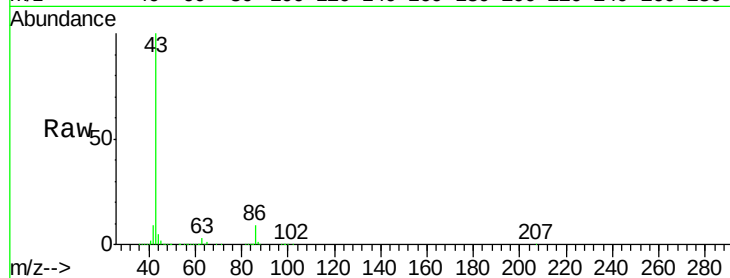
86 9.1 7.5 11.3

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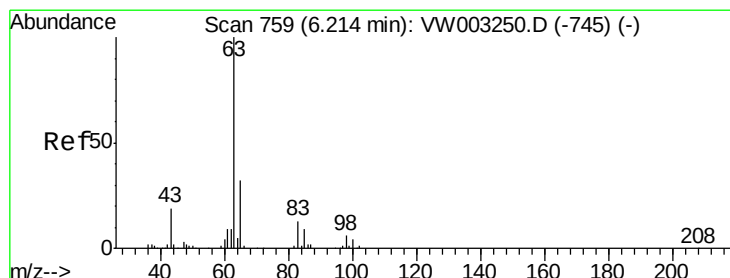
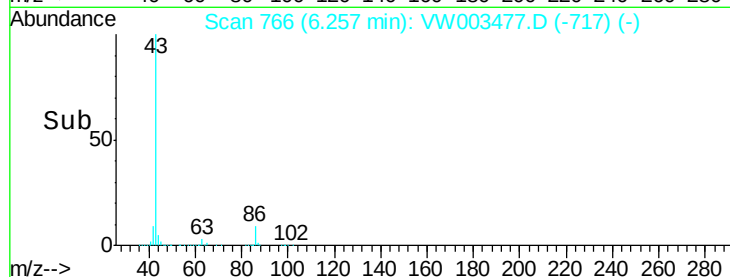
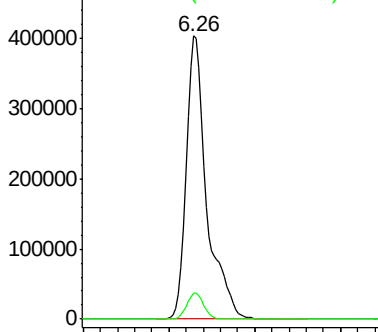
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.49 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

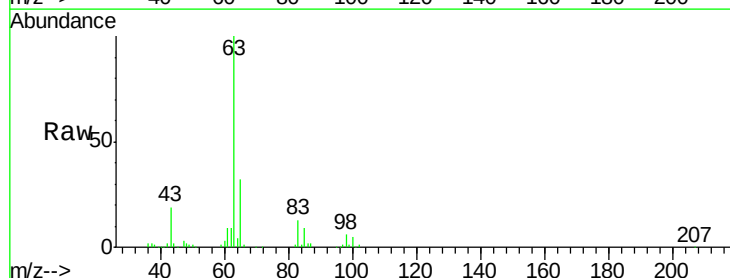
Tgt Ion: 63 Resp: 260095

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

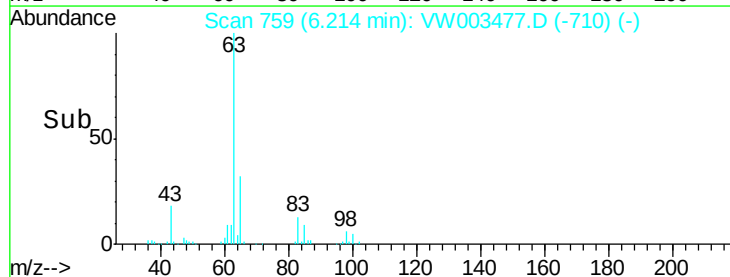
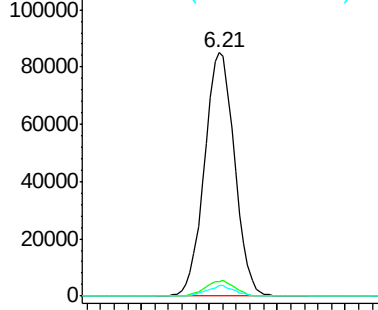
100 4.5 2.1 6.5

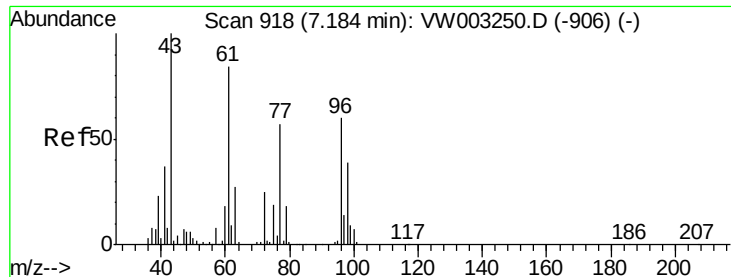


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 256.80 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 203486

Ion Ratio Lower Upper

43 100

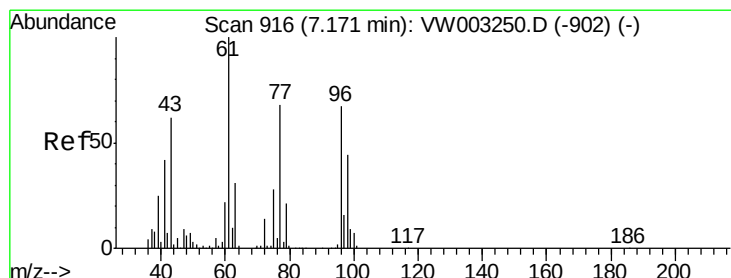
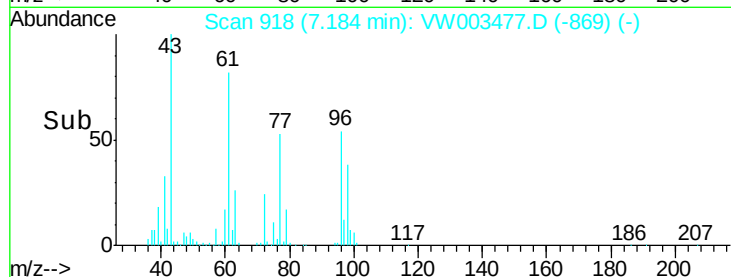
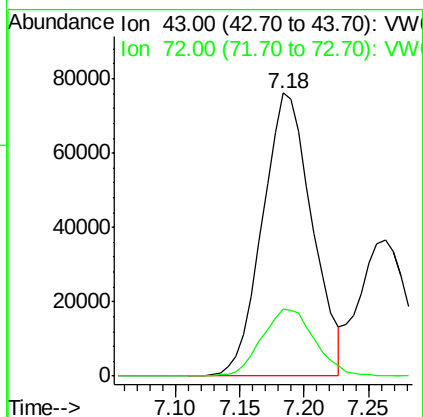
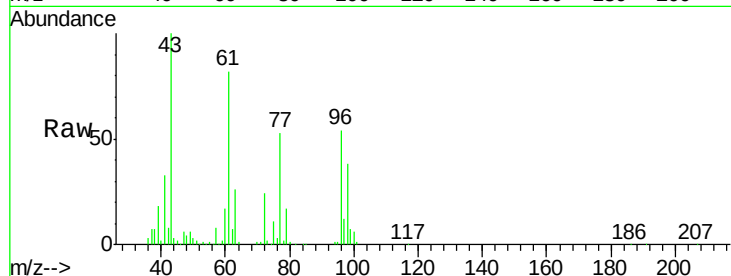
72 23.8 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 44.77 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003477.D

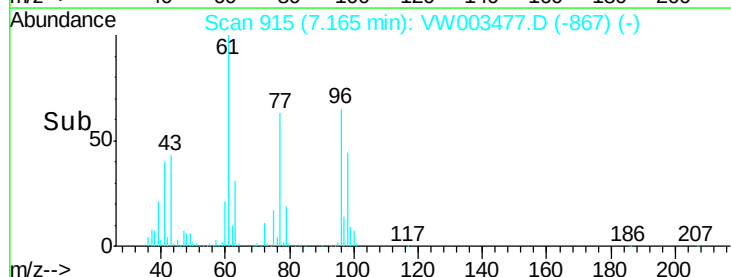
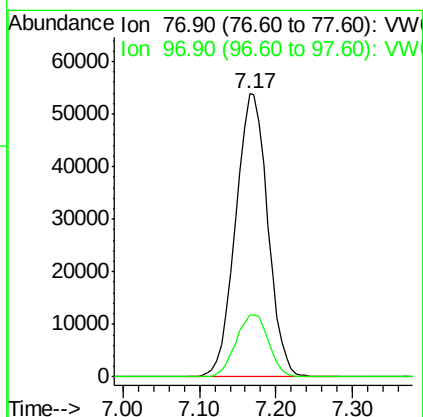
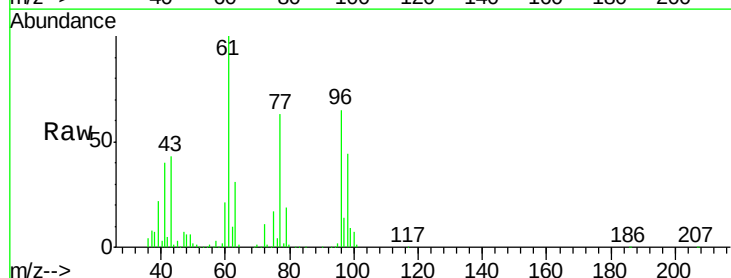
Acq: 23 Jun 2018 23:46

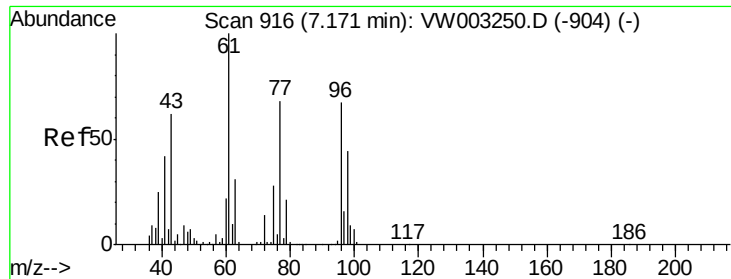
Tgt Ion: 77 Resp: 157032

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9





#27

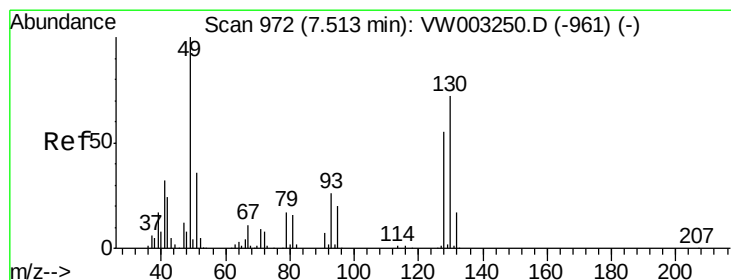
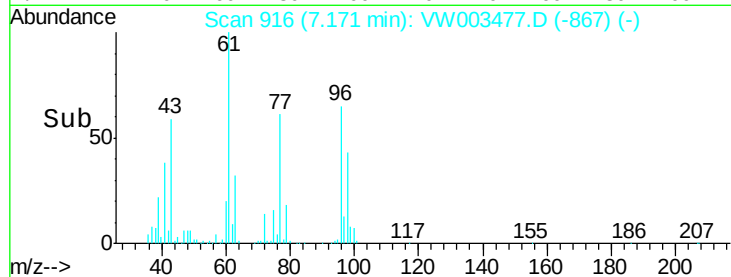
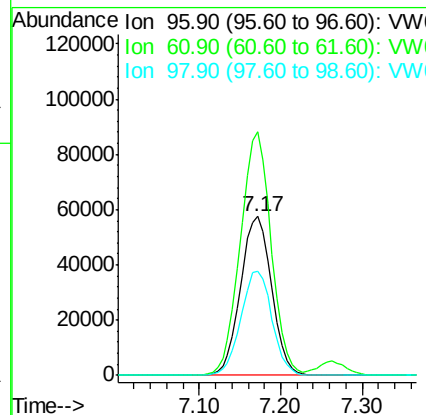
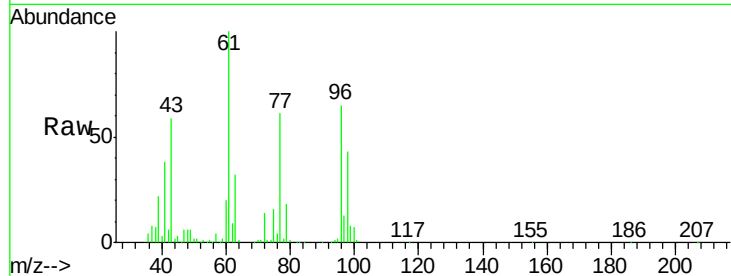
cis-1,2-Dichloroethene
Concen: 49.96 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.4	0.0	298.8	
98	65.6	0.0	130.4	

Manual Integrations
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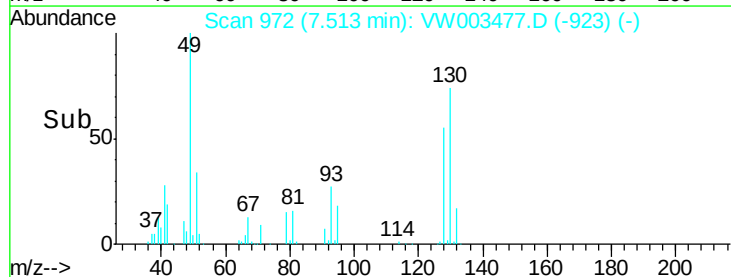
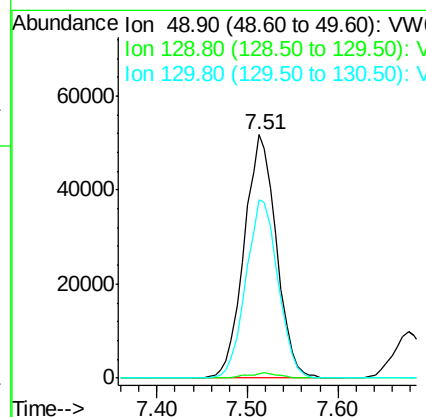
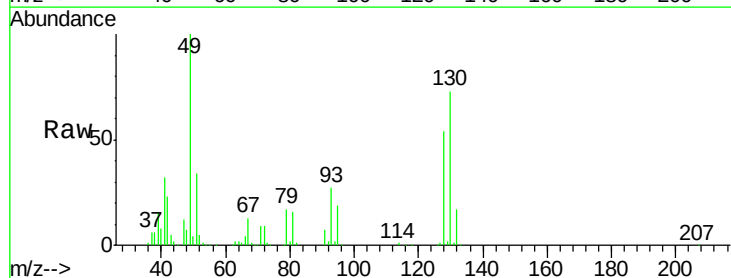
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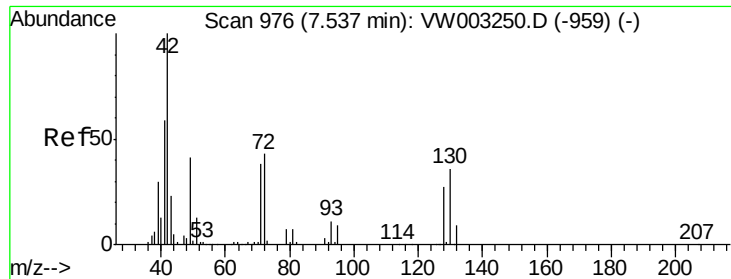


#28

Bromochloromethane
Concen: 58.13 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.6	
130	73.0	59.4	89.2	





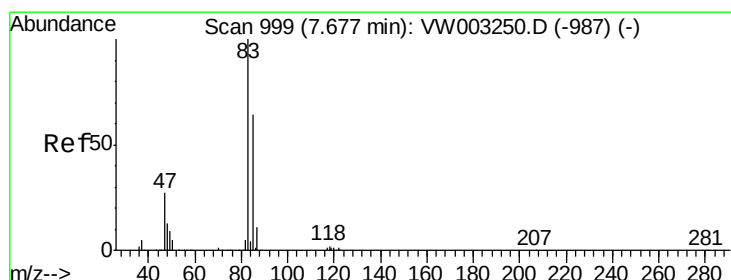
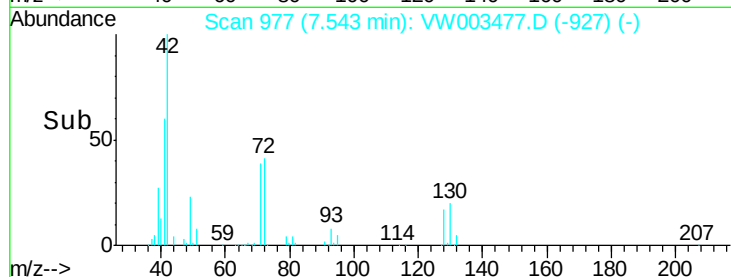
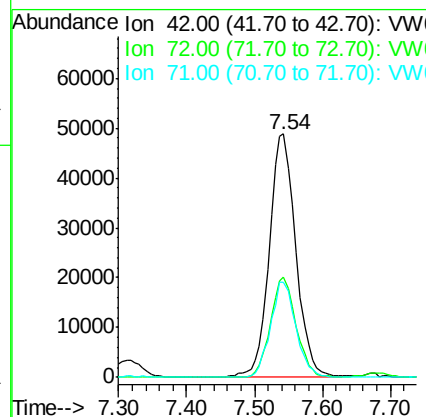
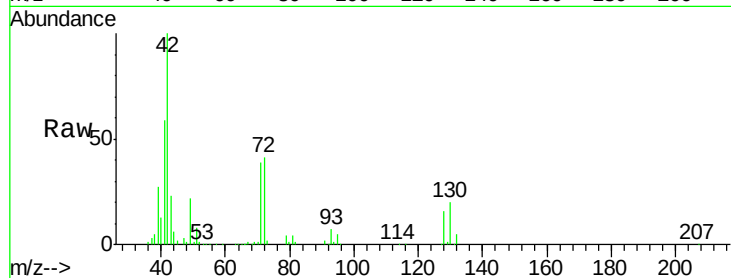
#29
Tetrahydrofuran
Concen: 275.59 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.4	48.6
71	37.6	31.2	46.8

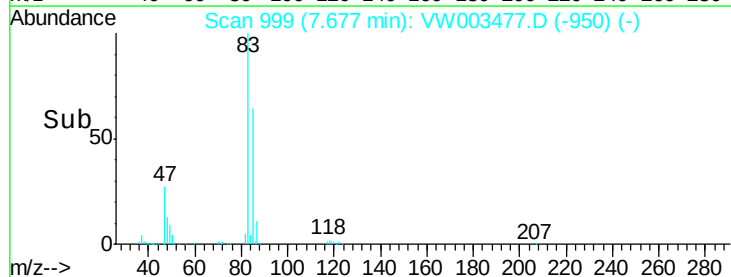
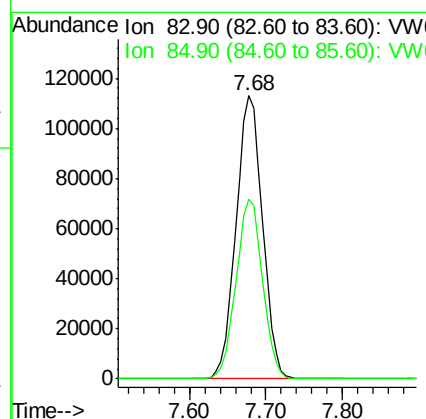
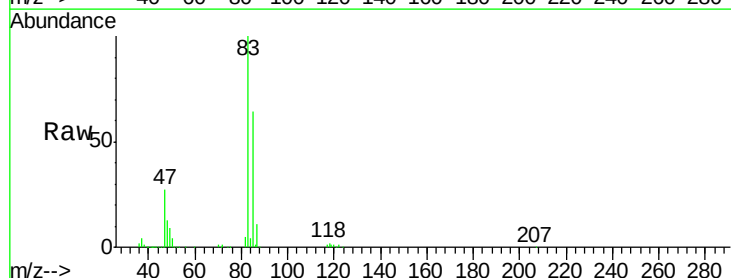
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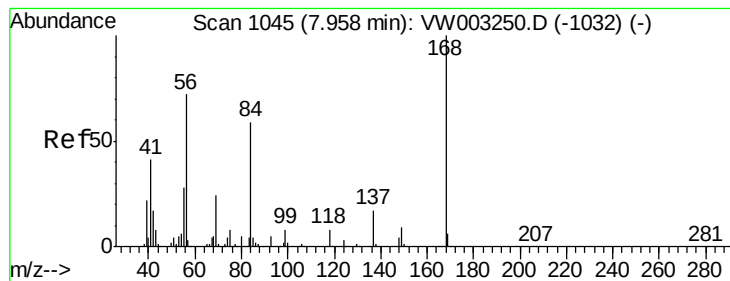
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#30
Chloroform
Concen: 50.64 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.3	76.9





#31

Cyclohexane

Concen: 44.33 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

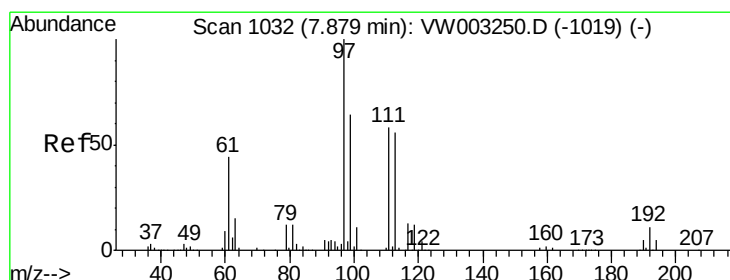
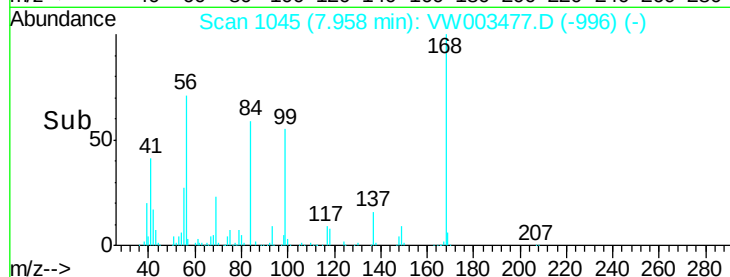
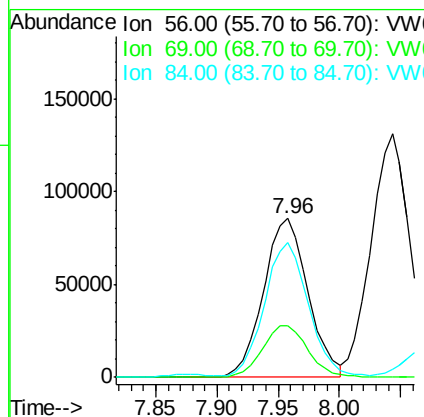
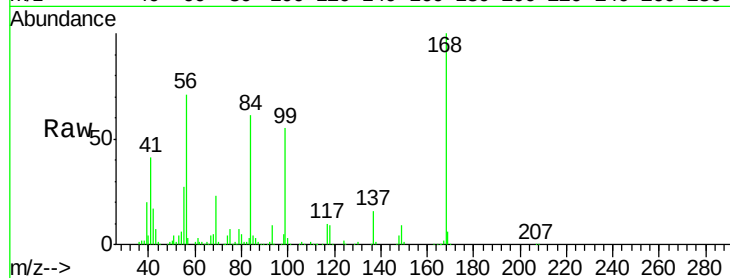
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	217632
Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.3	39.5
84	83.4	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.39 ug/l

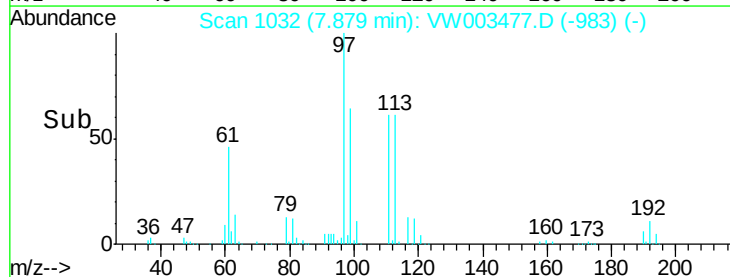
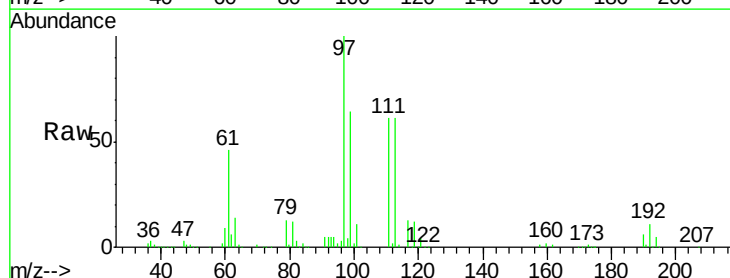
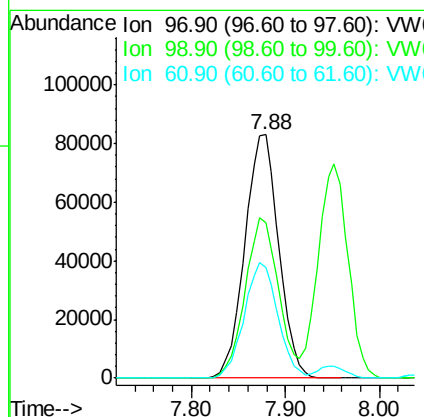
RT: 7.88 min Scan# 1032

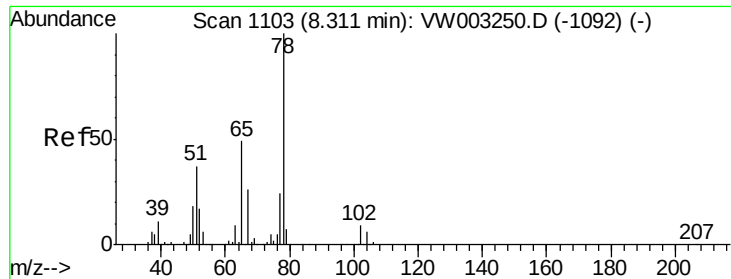
Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion:	97	Resp:	209429
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	47.1	37.6	56.4





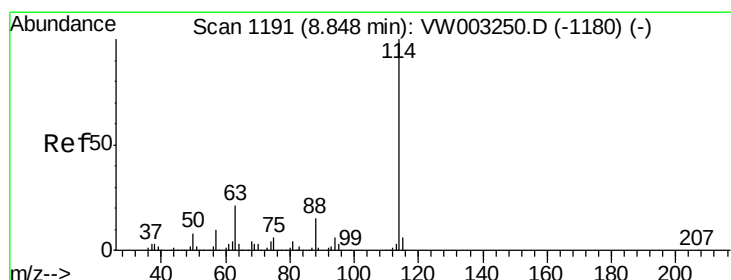
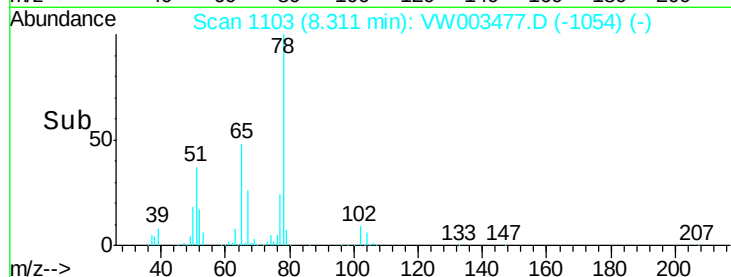
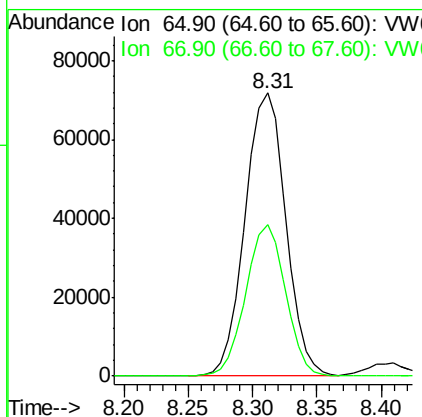
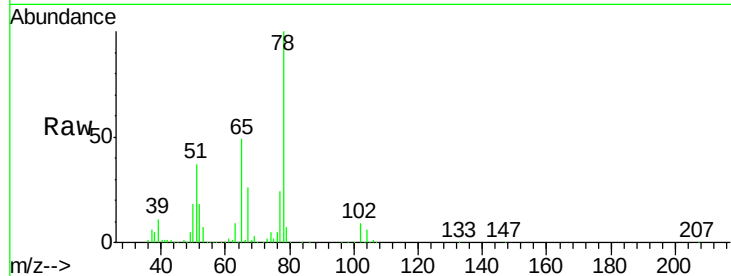
#33
 1,2-Dichloroethane-d4
 Concen: 51.91 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157722		
67	52.2	0.0	104.2	

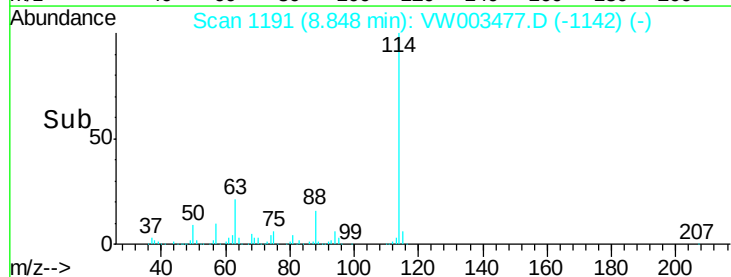
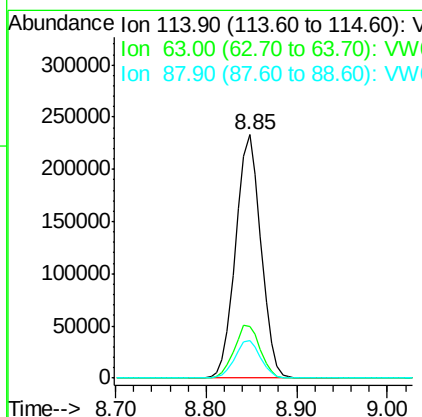
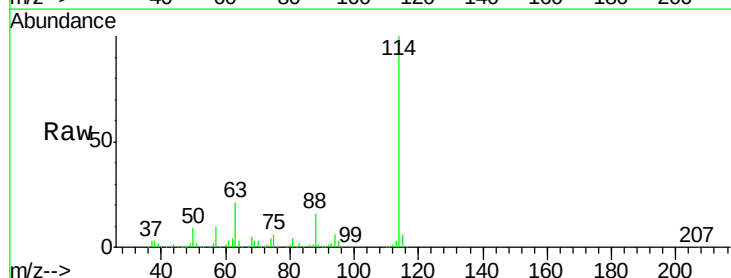
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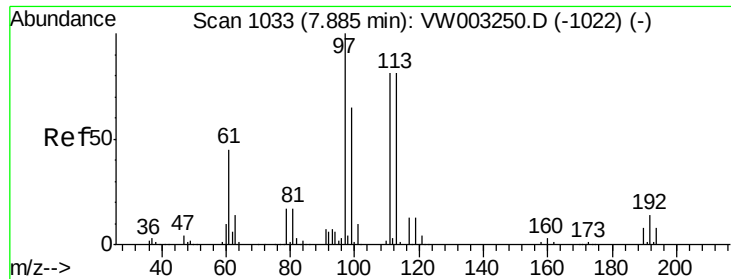
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	449875		
63	21.2	0.0	43.0	
88	15.6	0.0	29.6	





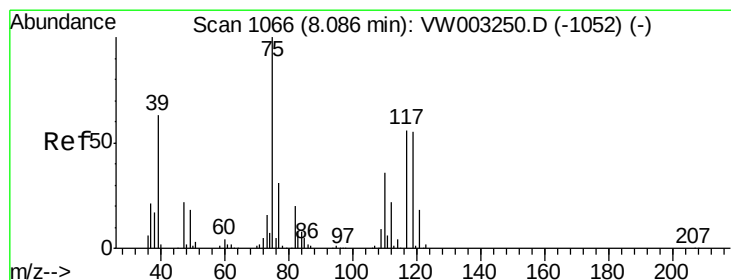
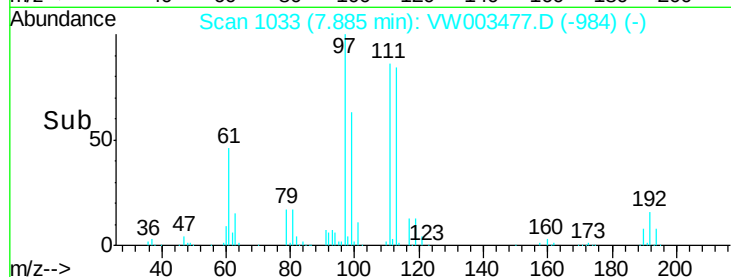
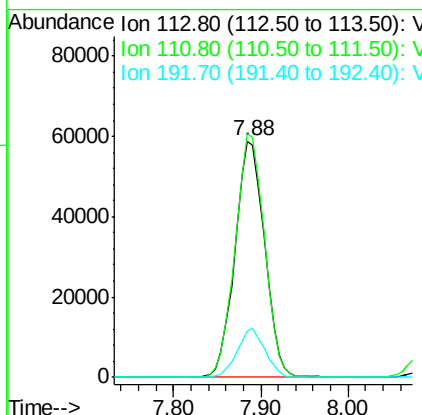
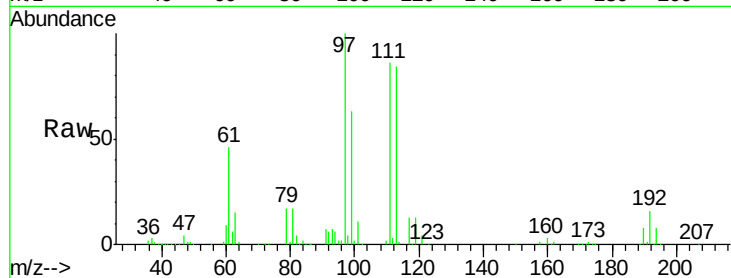
#35
Dibromofluoromethane
Concen: 49.61 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138688		
111	102.4	82.2	123.2	
192	19.5	16.2	24.2	

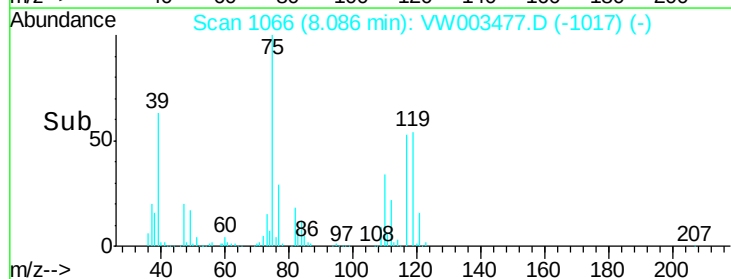
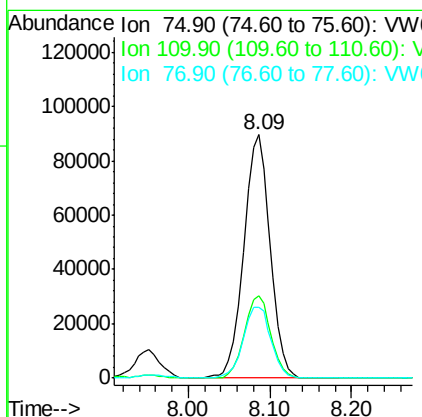
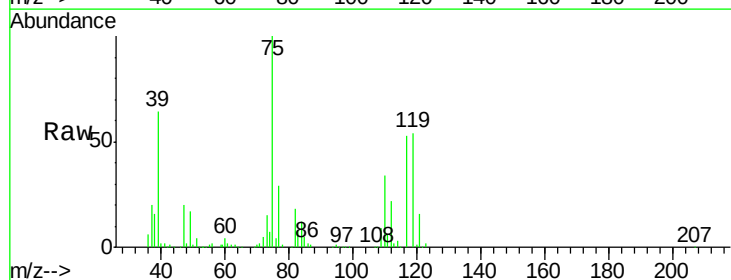
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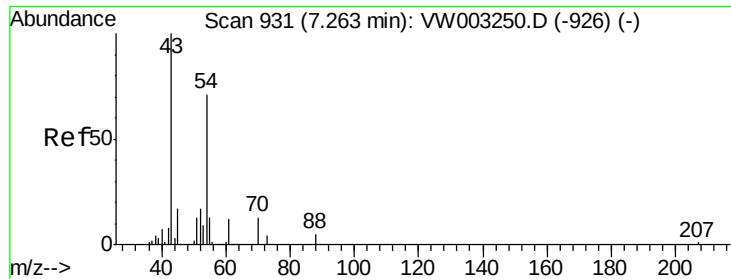
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#36
1,1-Dichloropropene
Concen: 46.23 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200832		
110	33.7	17.1	51.3	
77	30.9	24.9	37.3	





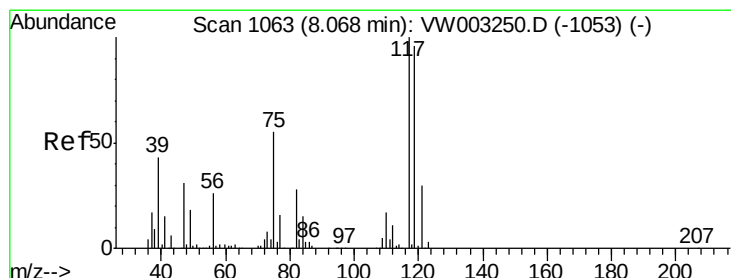
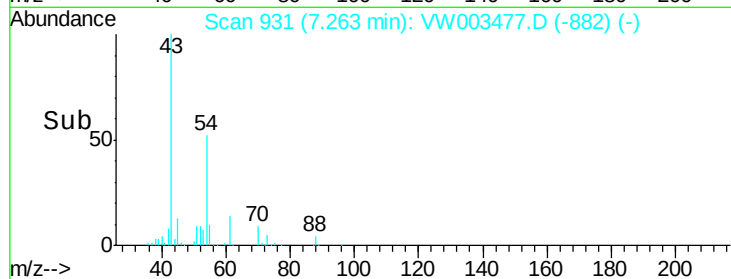
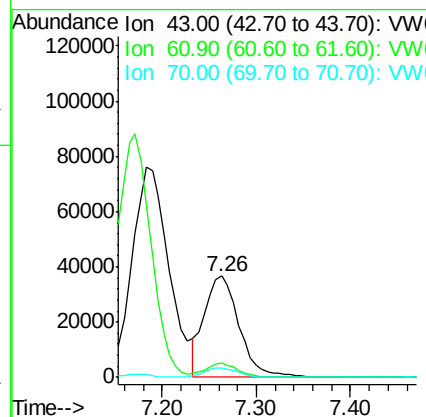
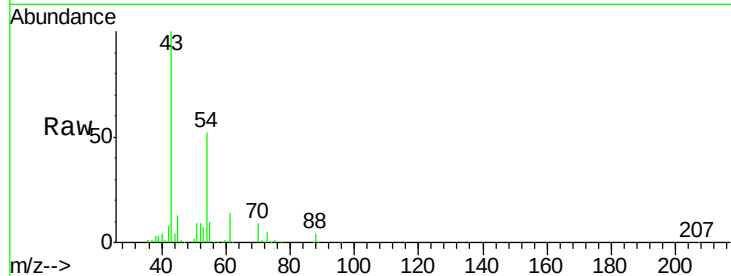
#37
Ethyl Acetate
Concen: 51.84 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	9.2	7.8	11.6

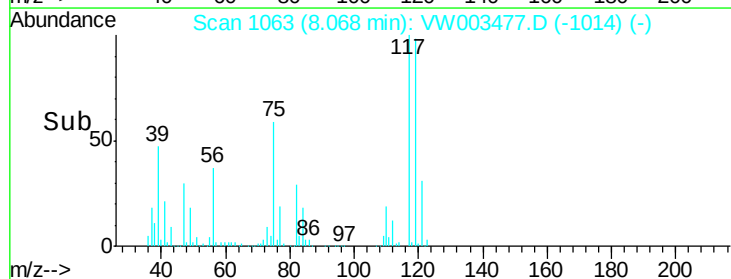
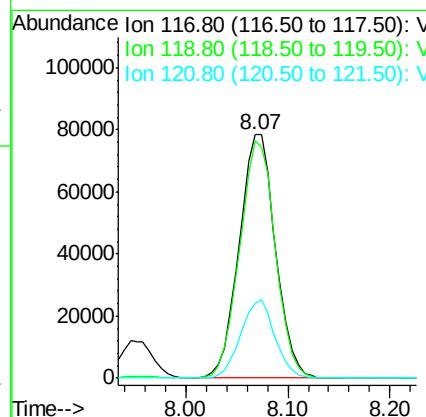
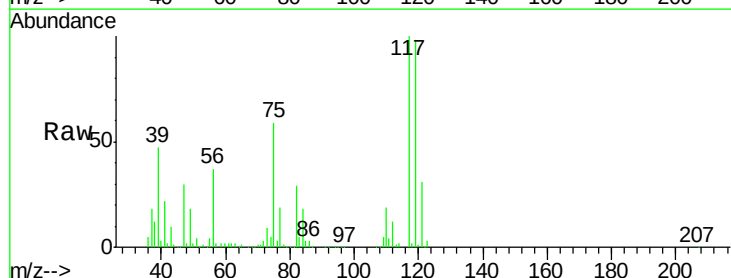
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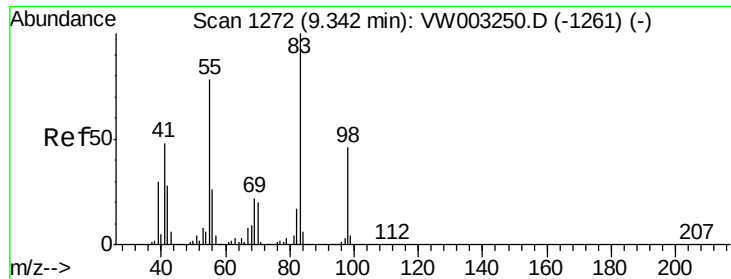
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#38
Carbon Tetrachloride
Concen: 45.29 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	115.0
121	30.8	23.9	35.9





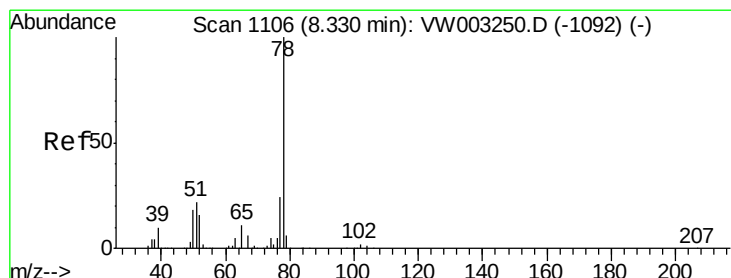
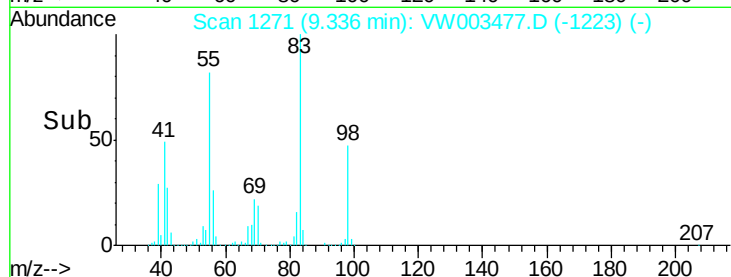
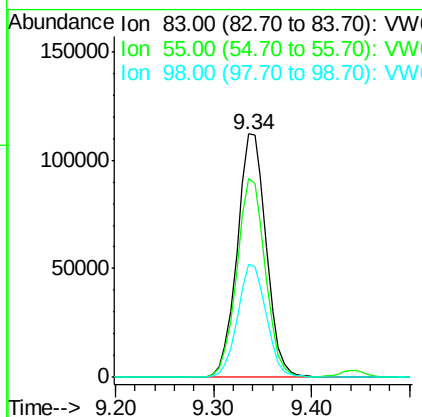
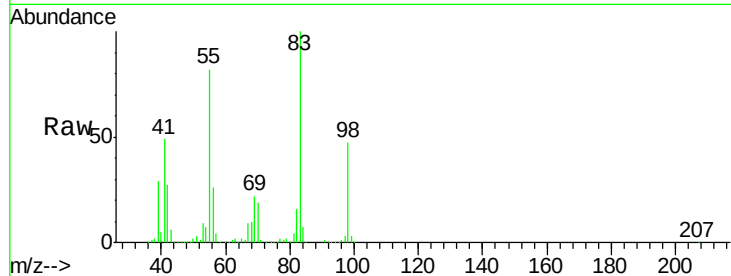
#39
Methylvlcyclohexane
Concen: 45.83 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	230404		
55	81.8	62.6	93.8	
98	46.7	37.0	55.4	

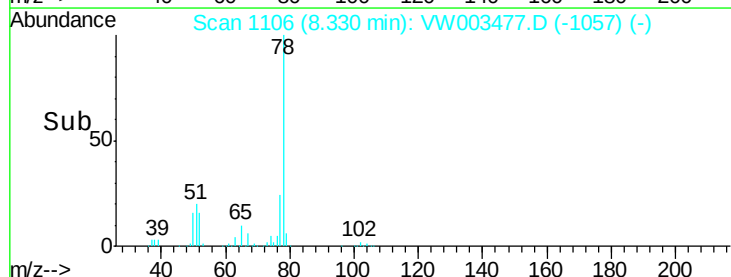
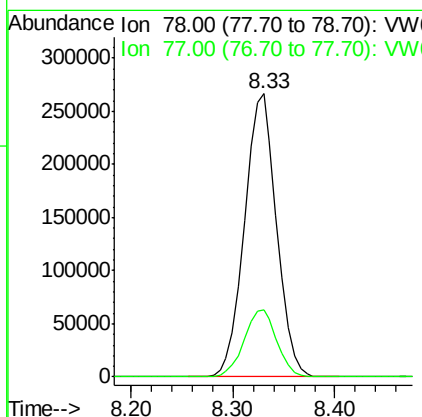
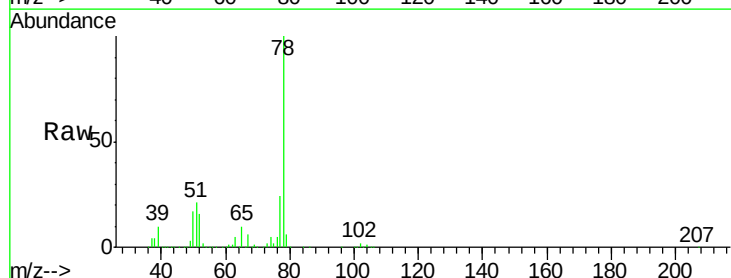
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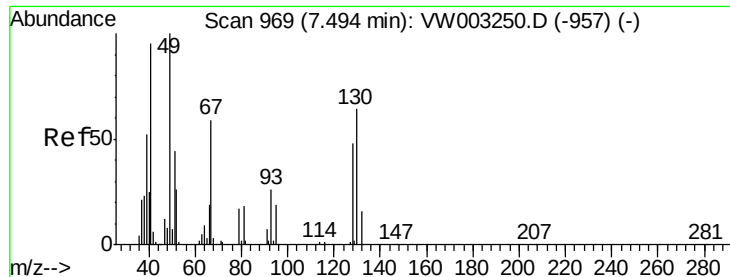
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#40
Benzene
Concen: 48.52 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	581061		
77	23.8	19.0	28.6	





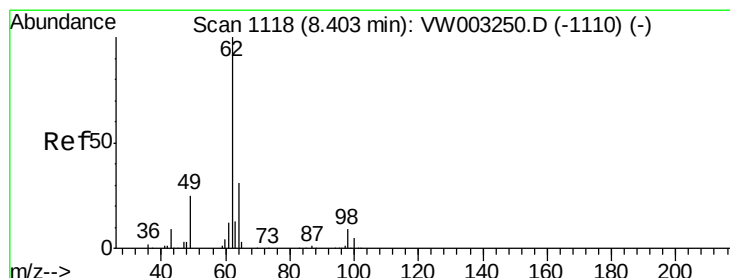
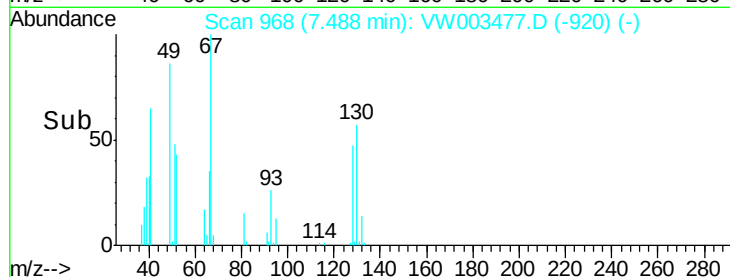
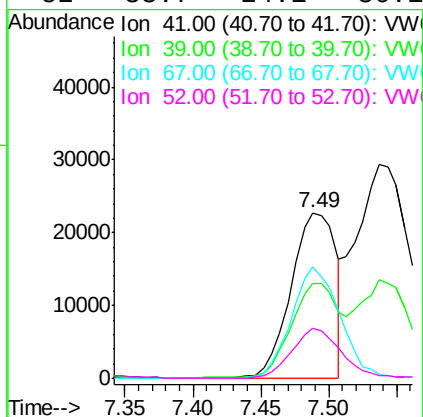
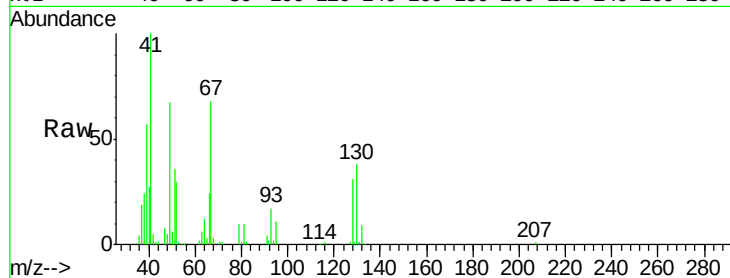
#41
Methacrylonitrile
Concen: 46.80 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	51685
Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.8	68.8
67	73.7	52.3	78.5
52	33.7	24.1	36.1

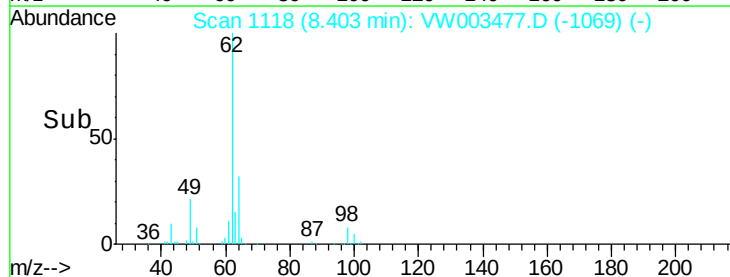
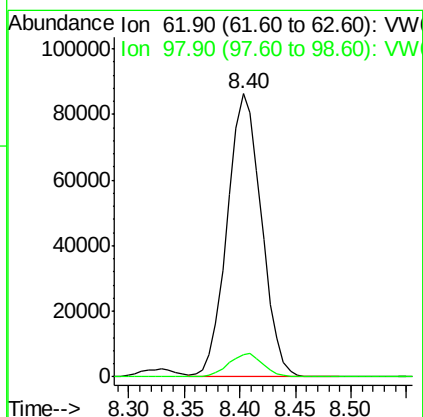
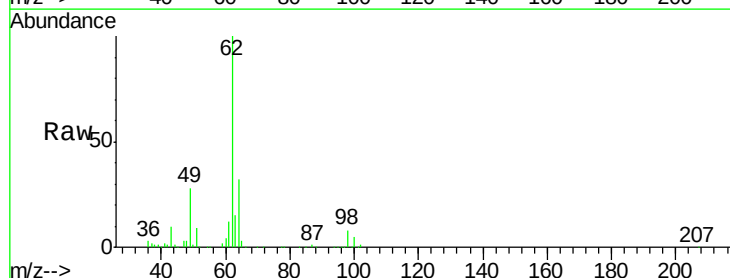
Manual Integrations
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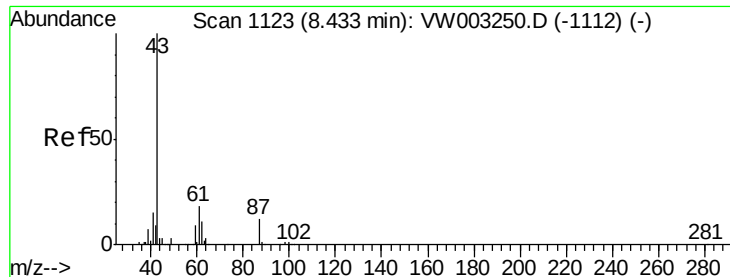
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#42
1,2-Dichloroethane
Concen: 48.97 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	62	Resp	183723
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.20 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

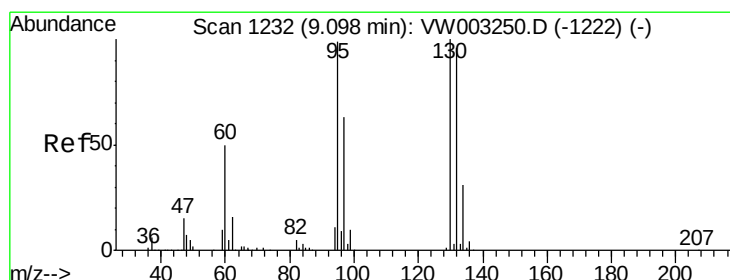
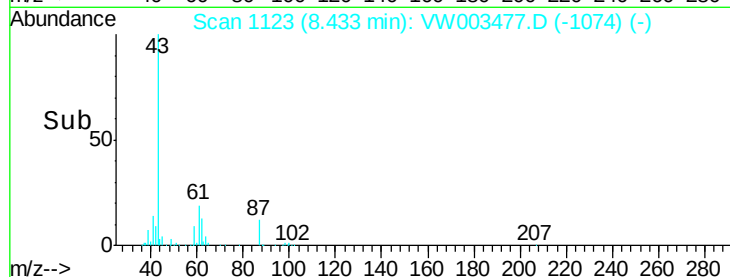
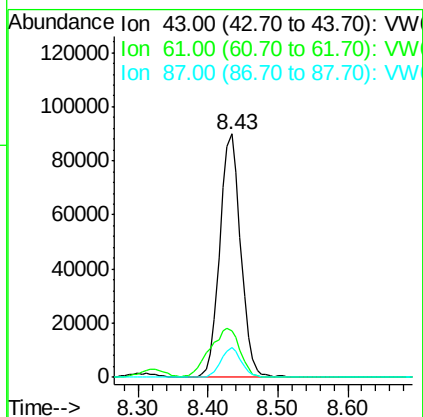
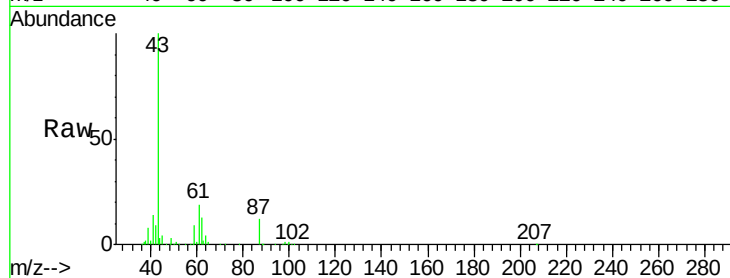
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	186541
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.1	34.7
87	12.0	9.8	14.6

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#44

Trichloroethene

Concen: 46.74 ug/l

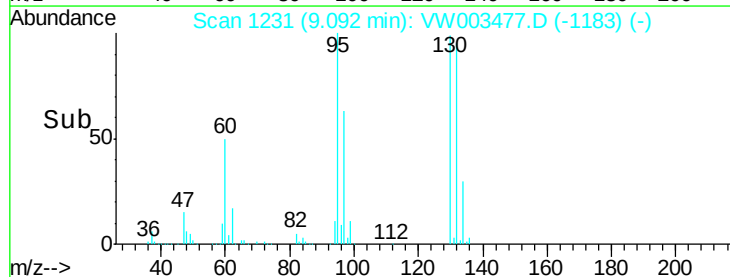
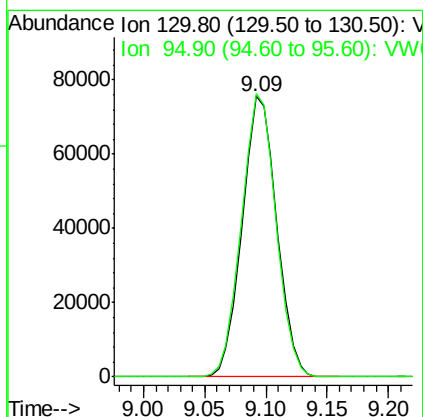
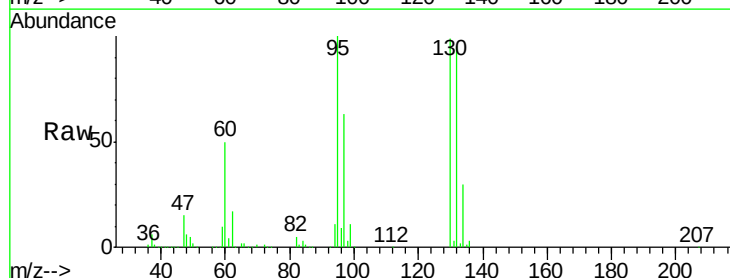
RT: 9.09 min Scan# 1231

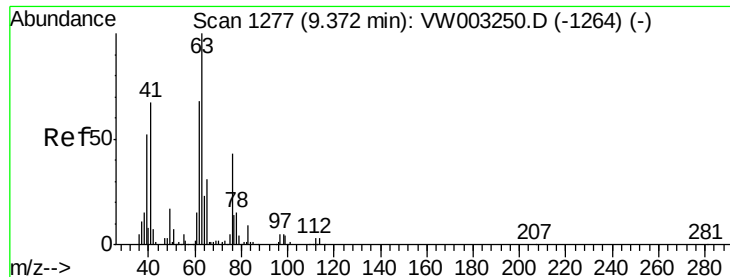
Delta R.T. -0.01 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion:	130	Resp:	148319
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	198.0





#45

1,2-Dichloropropane

Concen: 49.87 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 152057

Ion Ratio Lower Upper

63 100

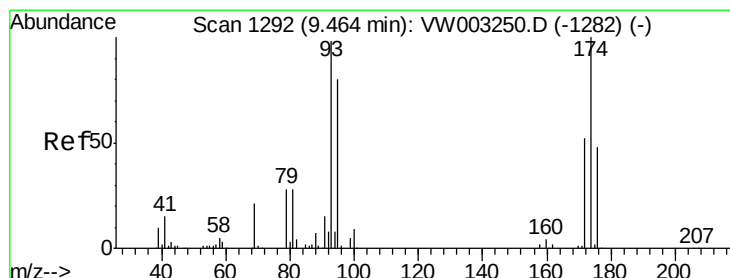
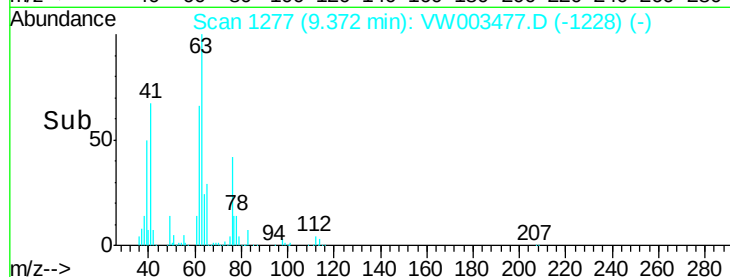
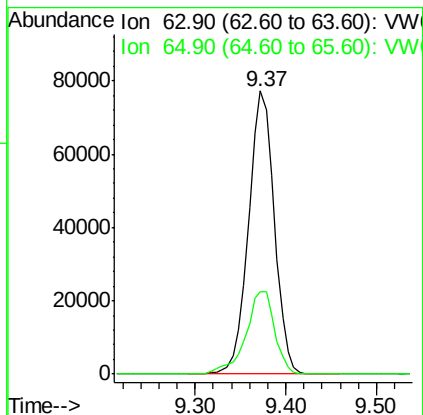
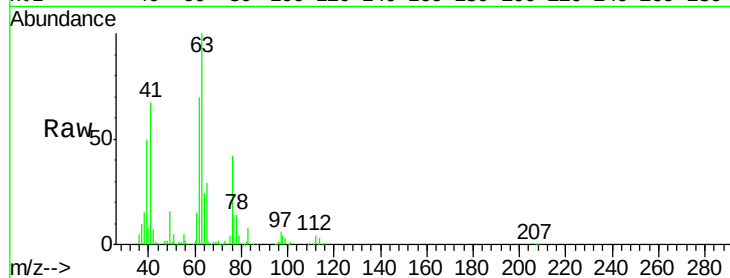
65 29.1 25.1 37.7

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#46

Dibromomethane

Concen: 49.63 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

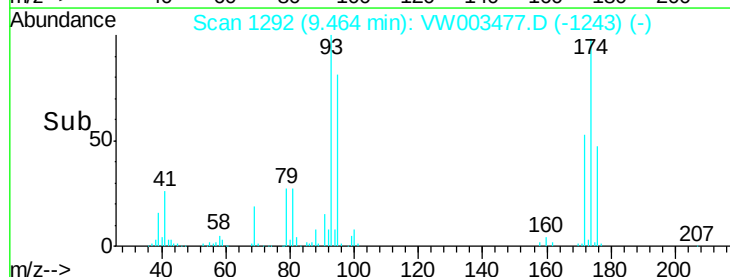
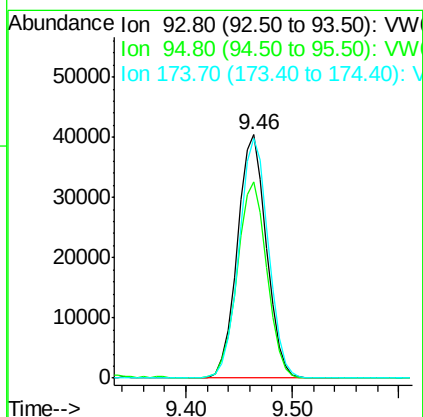
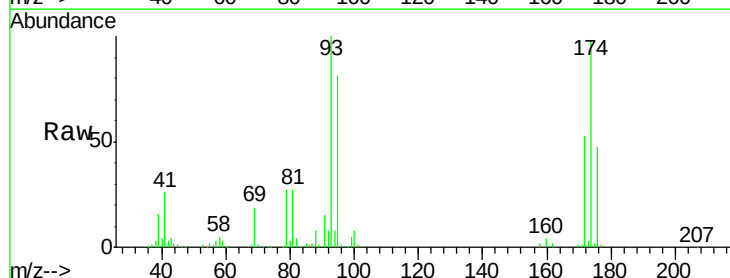
Tgt Ion: 93 Resp: 77476

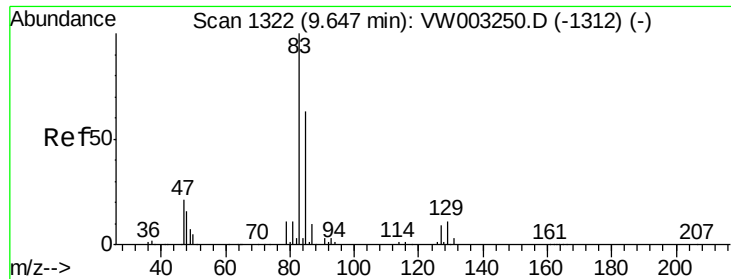
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 99.5 81.4 122.0





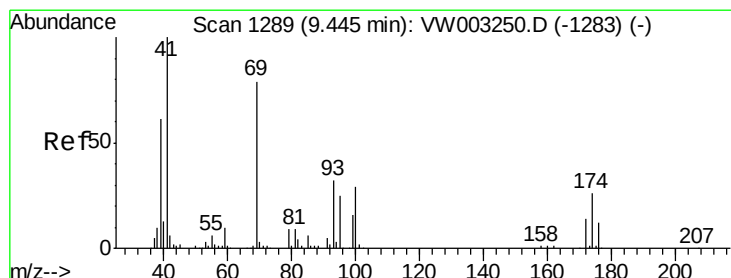
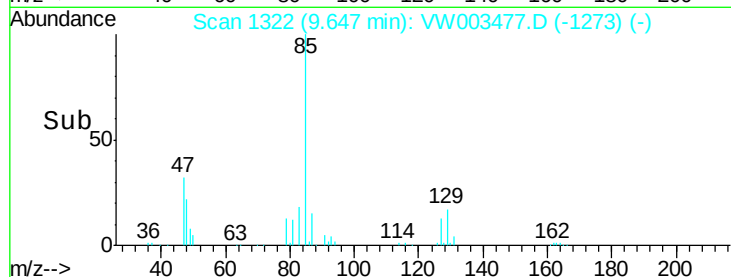
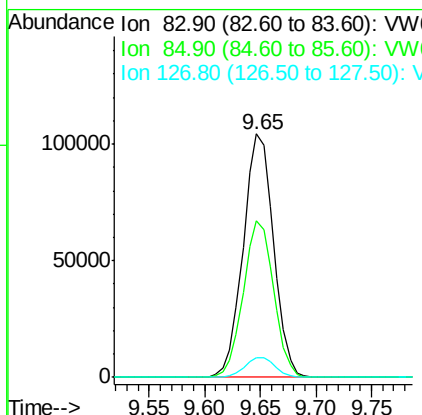
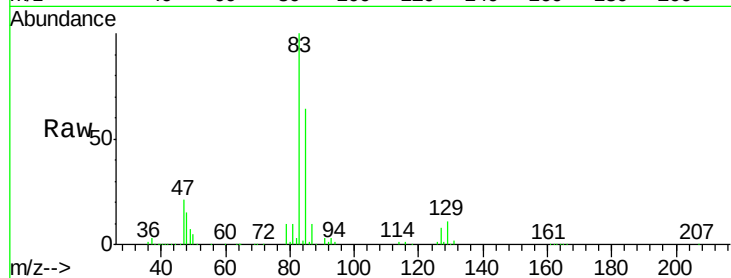
#47
Bromodichloromethane
Concen: 49.53 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	198180		
85	64.1	50.6	75.8	
127	8.0	6.8	10.2	

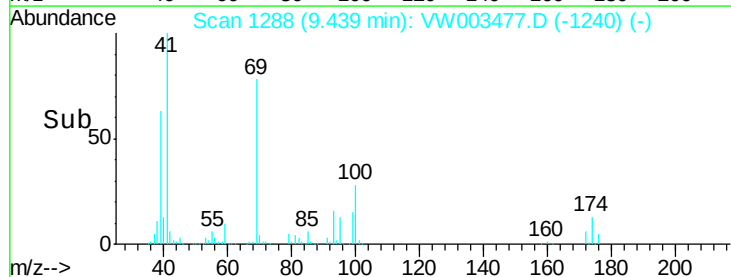
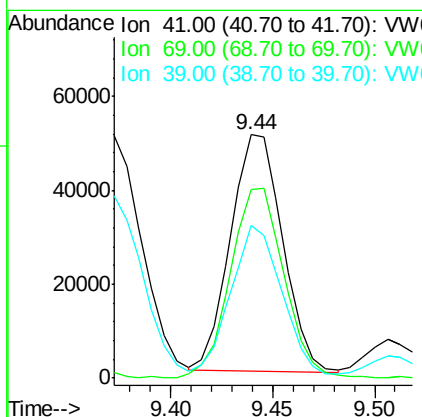
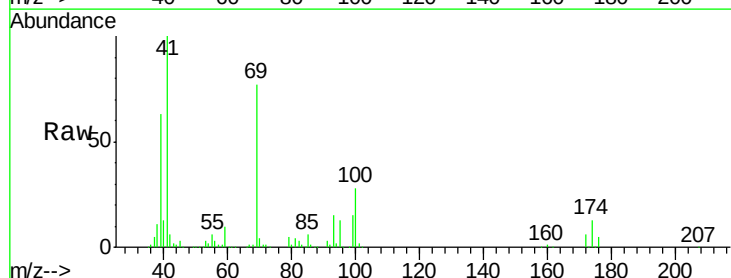
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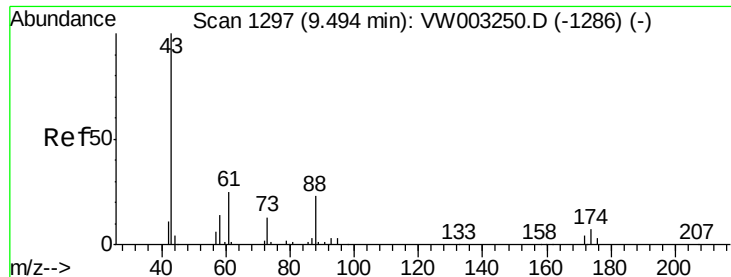
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#48
Methyl methacrylate
Concen: 53.16 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	89285		
69	82.8	65.4	98.2	
39	64.8	54.2	81.2	





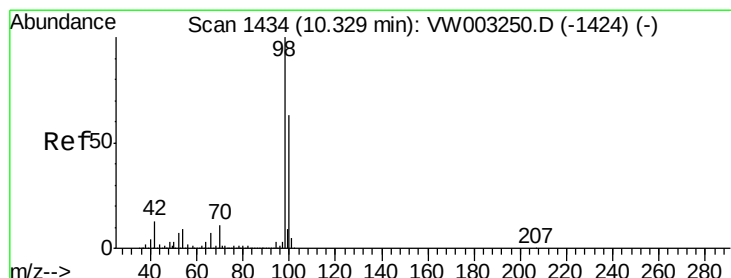
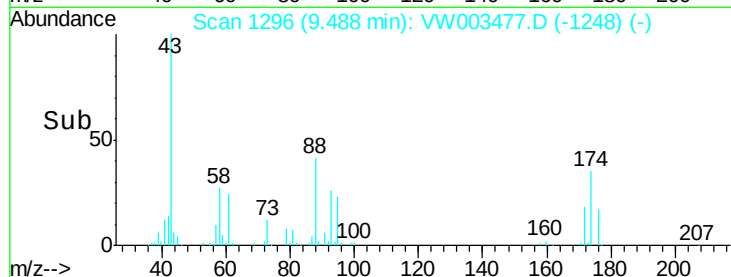
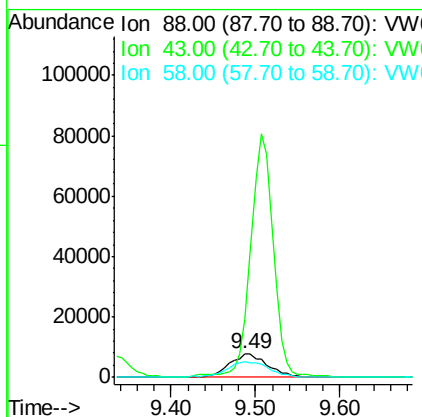
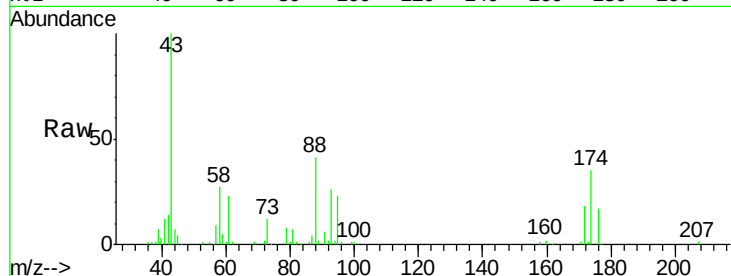
#49
1,4-Dioxane
Concen: 1021.55 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	24079
Ion	Ratio	Lower	Upper
88	100		
43	613.2	454.7	682.1
58	74.9	58.6	88.0

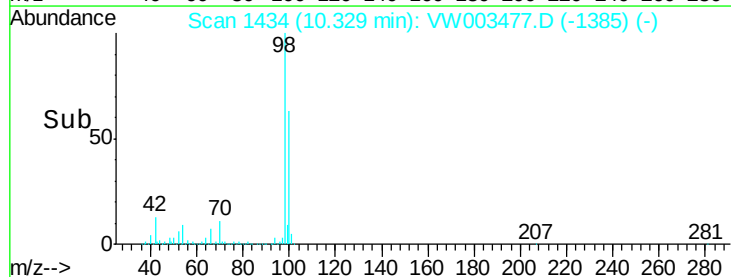
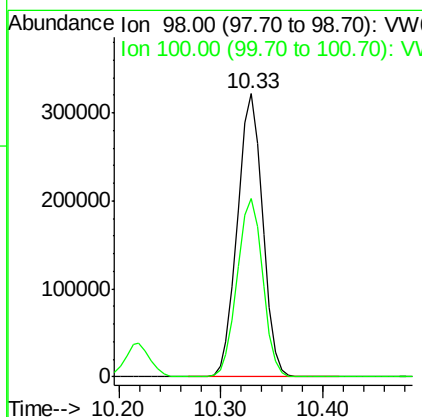
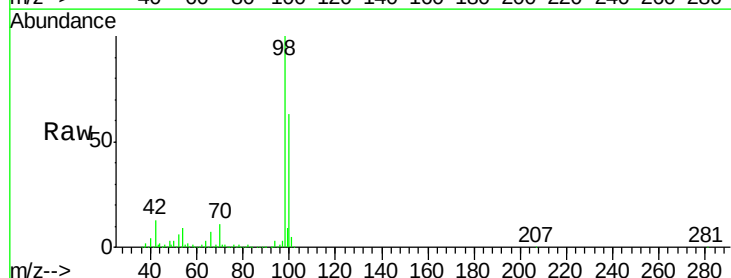
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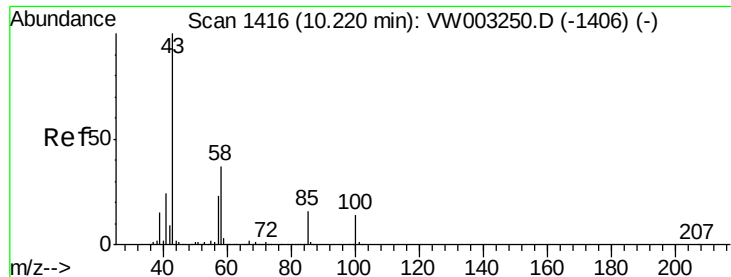
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#50
Toluene-d8
Concen: 49.59 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	98	Resp	549693
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2





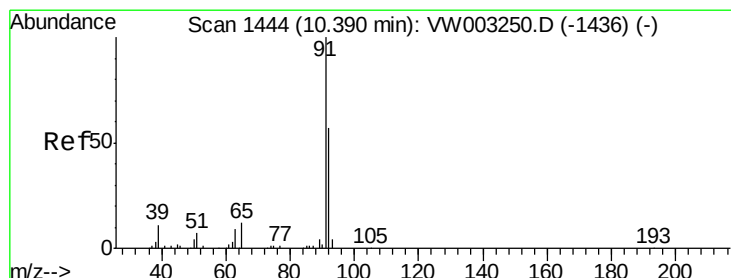
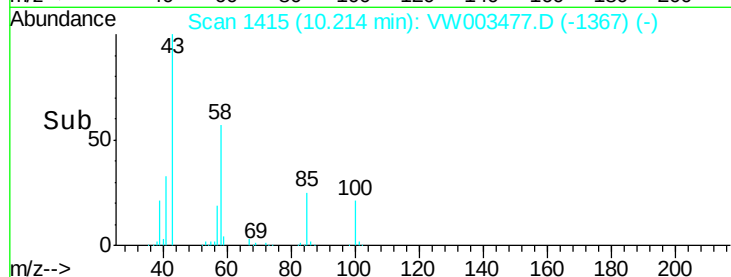
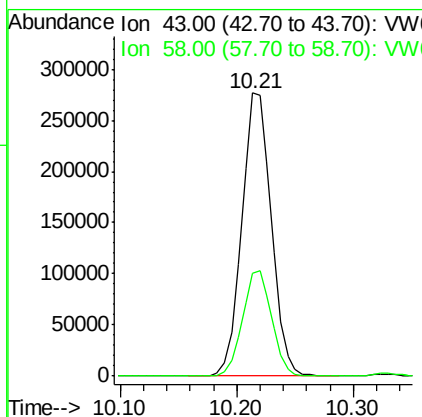
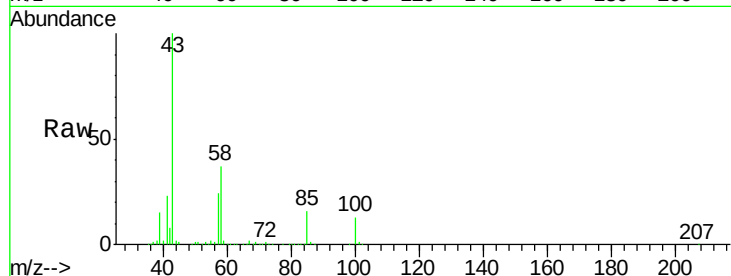
#51
 4-Methyl-2-Pentanone
 Concen: 268.51 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.0	43.4

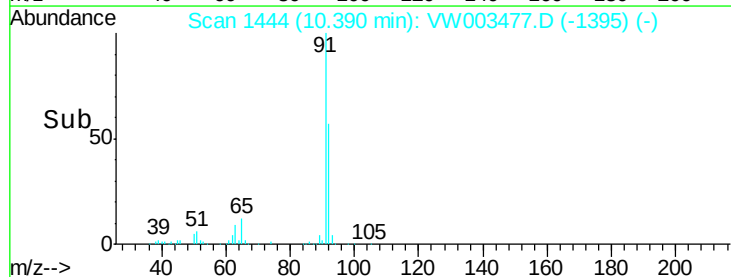
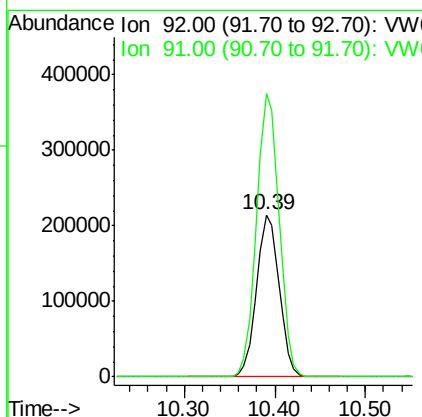
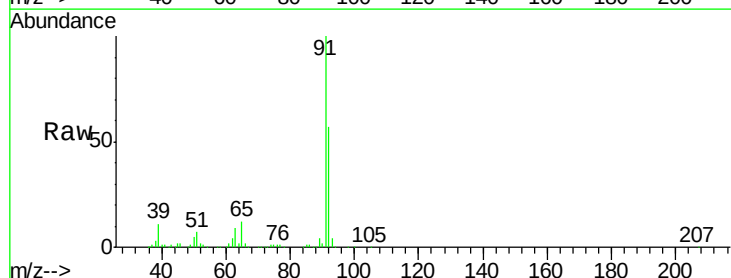
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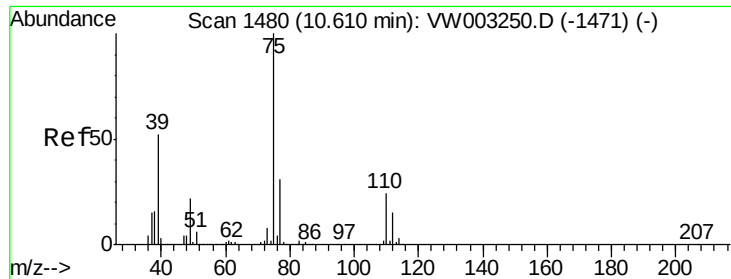
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#52
 Toluene
 Concen: 48.33 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.2	141.1	211.7





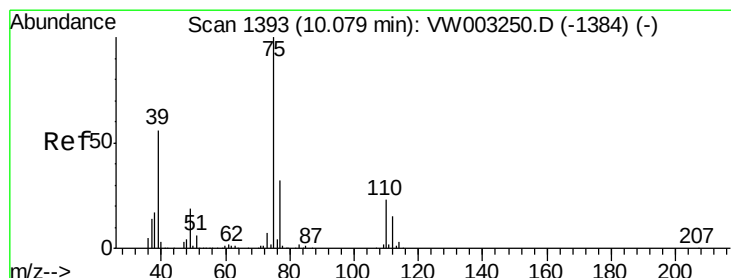
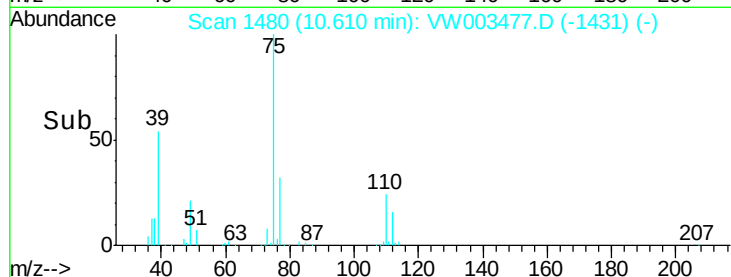
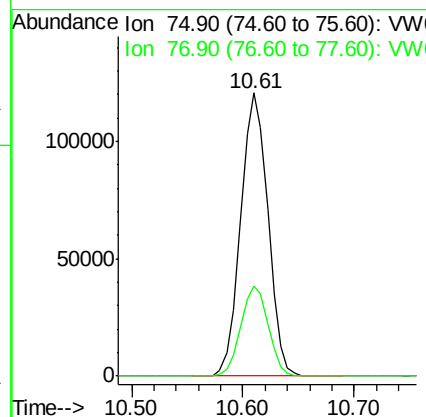
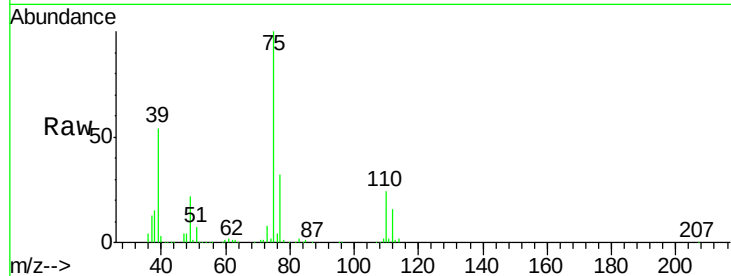
#53
t-1,3-Dichloropropene
Concen: 50.03 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3

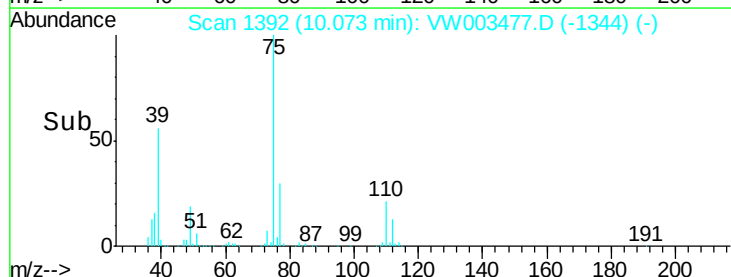
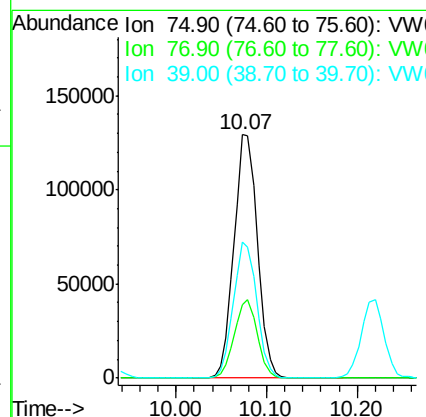
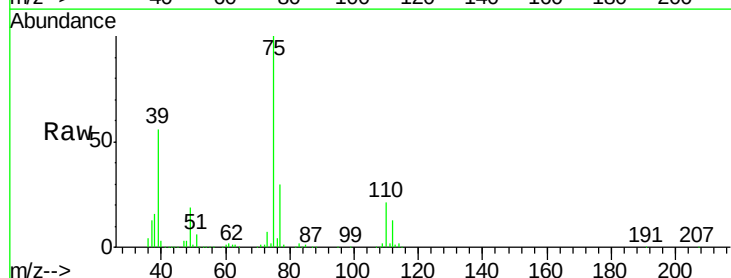
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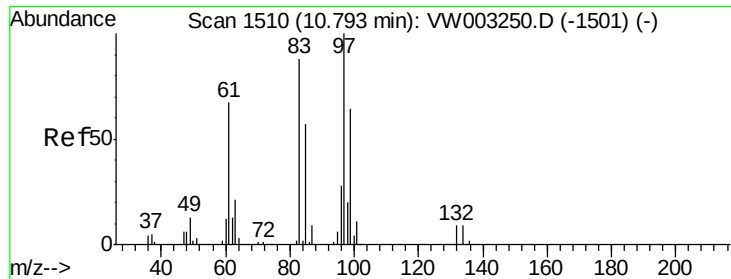
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#54
cis-1,3-Dichloropropene
Concen: 50.08 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.8	38.6
39	55.6	45.2	67.8





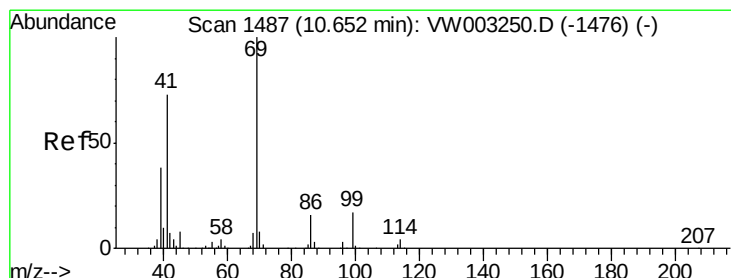
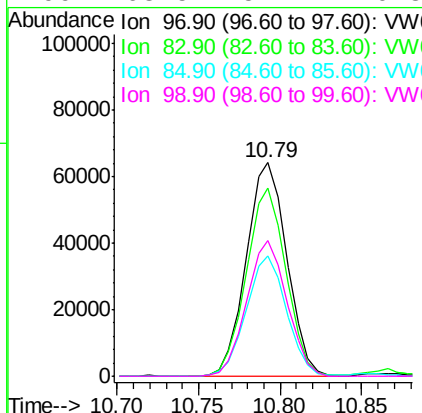
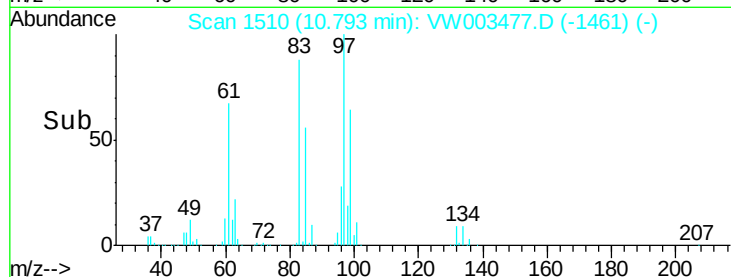
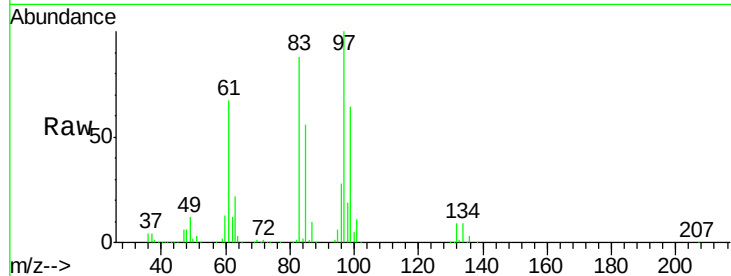
#55
 1,1,2-Trichloroethane
 Concen: 50.45 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	110977
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.2	105.2
85	56.2	45.6	68.4
99	63.5	51.2	76.8

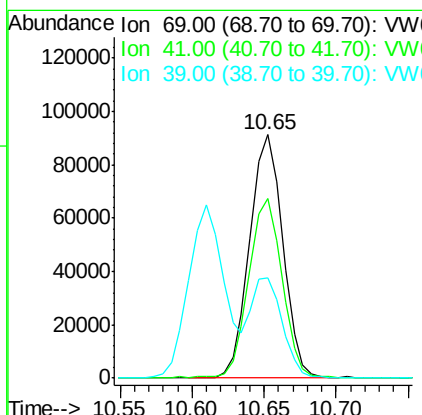
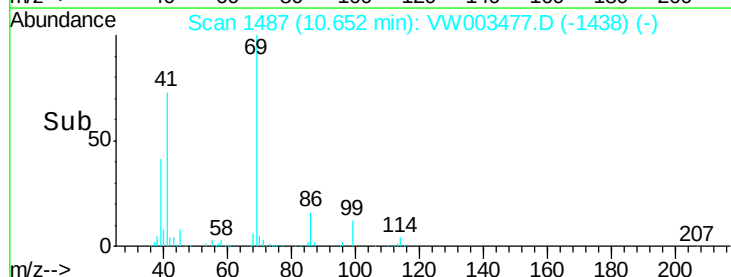
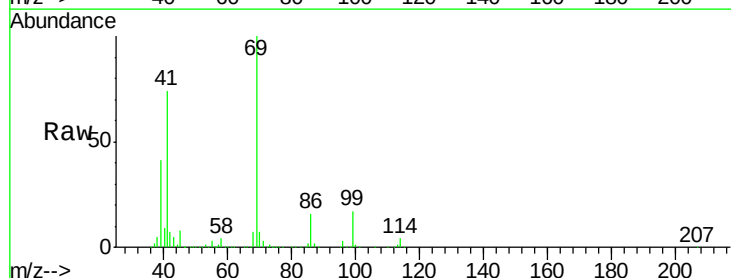
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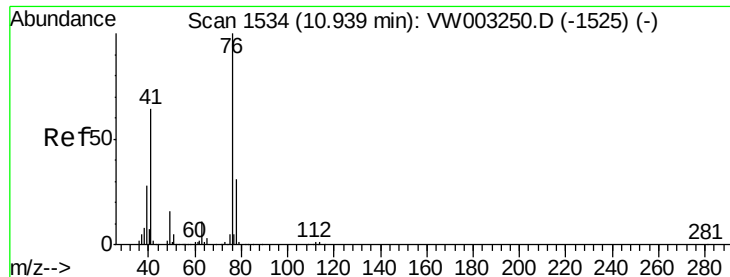
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#56
 Ethyl methacrylate
 Concen: 54.49 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion:	69	Resp:	145558
Ion	Ratio	Lower	Upper
69	100		
41	74.6	57.8	86.6
39	38.6	32.7	49.1





#57

1,3-Dichloropropane

Concen: 50.87 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 193005

Ion Ratio Lower Upper

76 100

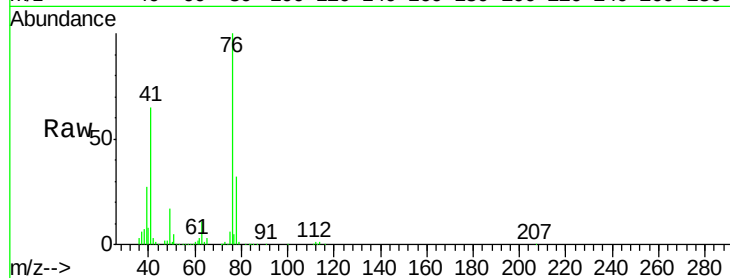
78 32.0 25.7 38.5

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

120000

100000

80000

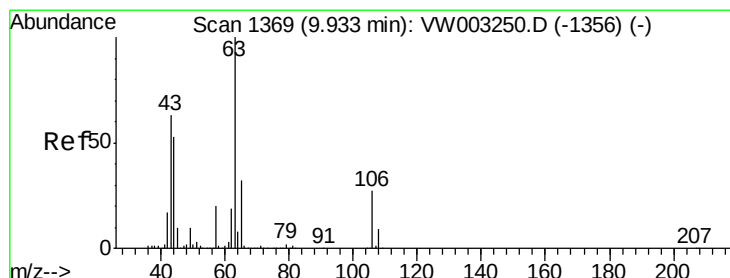
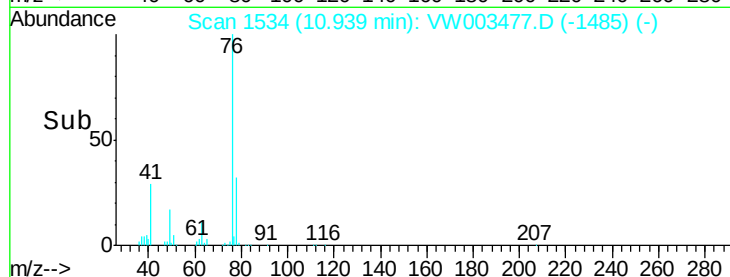
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 278.10 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003477.D

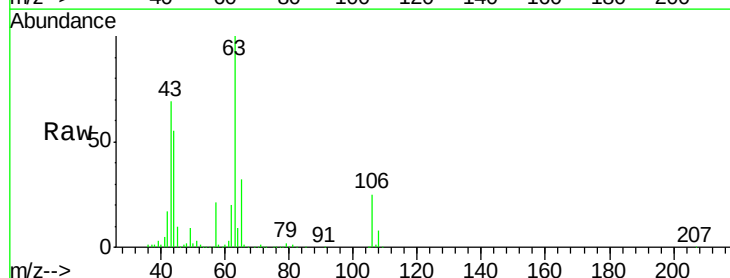
Acq: 23 Jun 2018 23:46

Tgt Ion: 63 Resp: 333019

Ion Ratio Lower Upper

63 100

106 26.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

200000

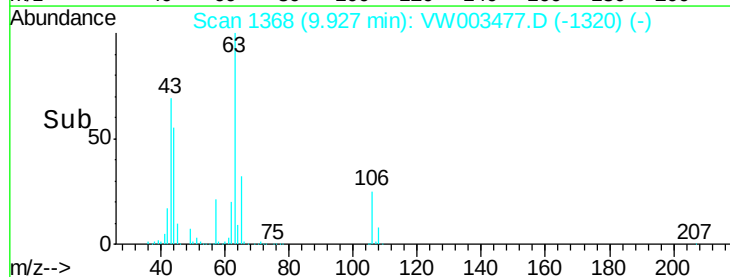
150000

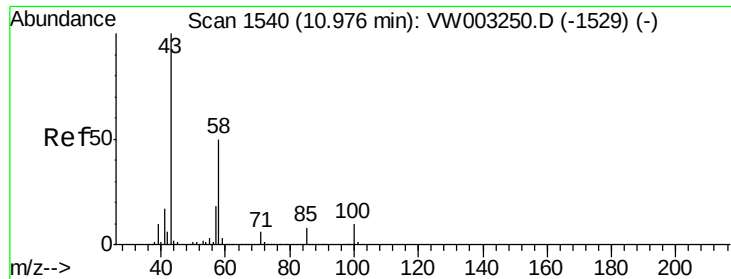
100000

50000

0

Time-->





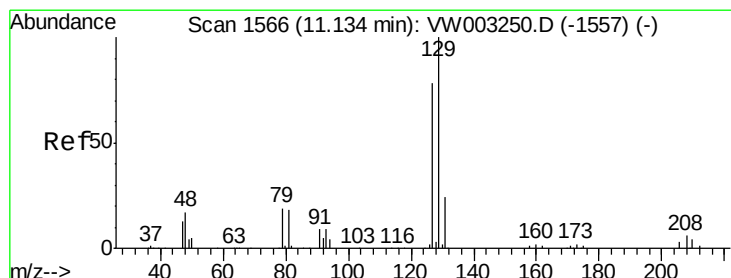
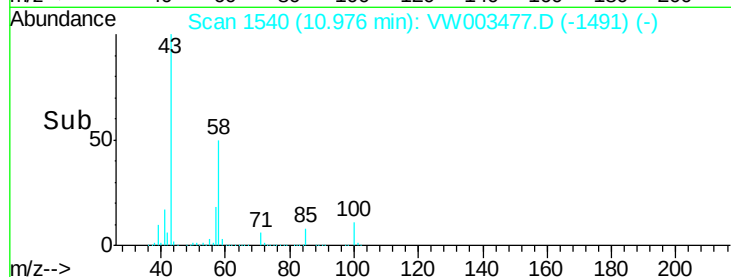
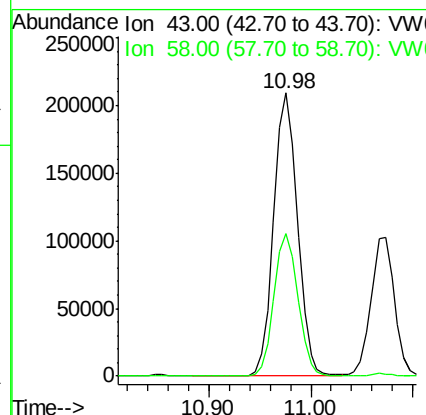
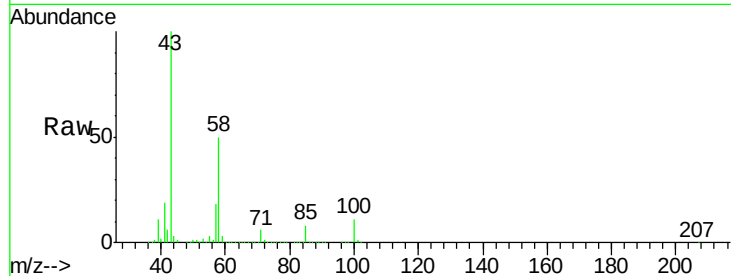
#59
2-Hexanone
Concen: 265.62 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 337923
Ion Ratio Lower Upper
43 100
58 50.6 25.0 75.0

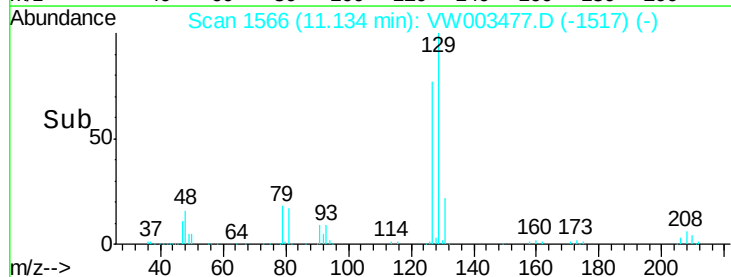
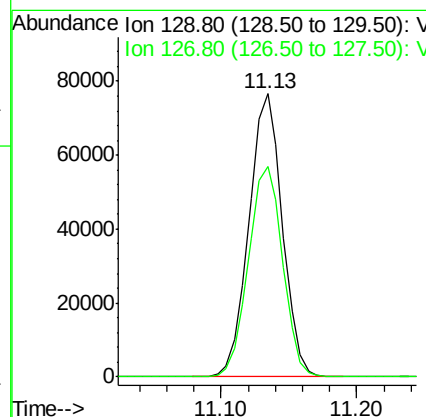
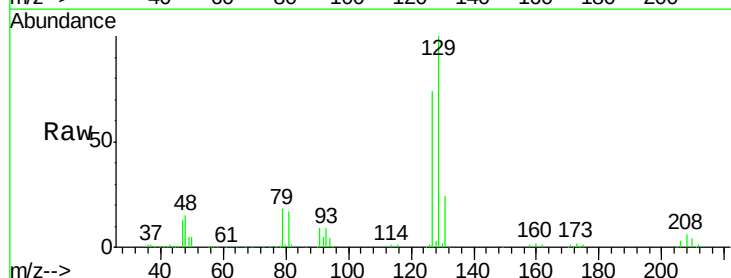
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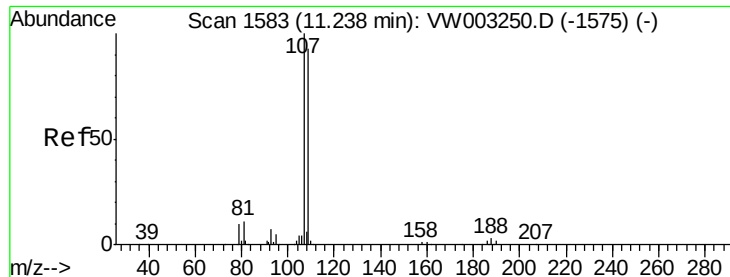
apatel
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#60
Dibromochloromethane
Concen: 50.37 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion: 129 Resp: 131767
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.5





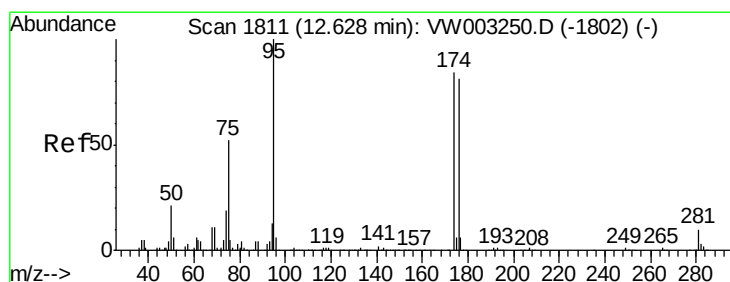
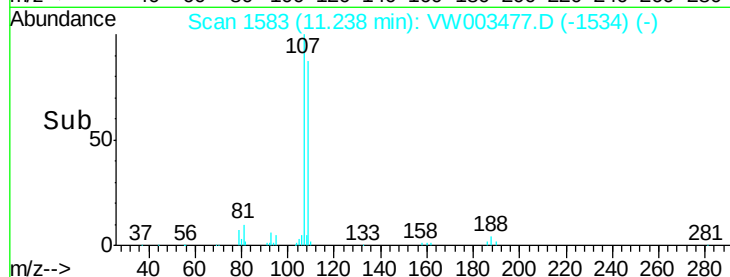
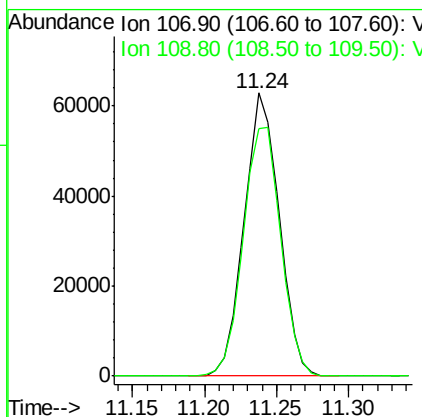
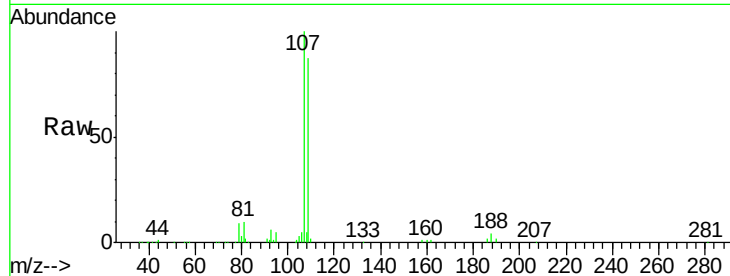
#61
 1,2-Dibromoethane
 Concen: 50.90 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 105914
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.6

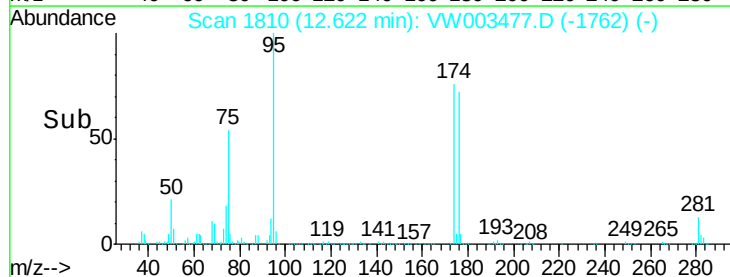
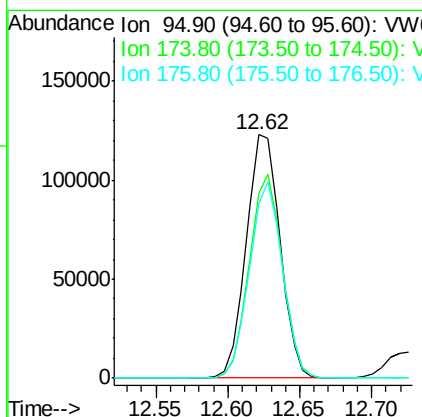
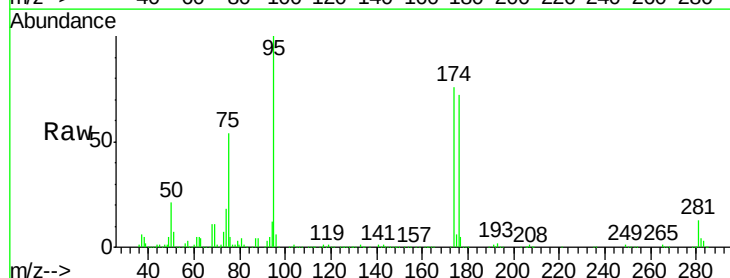
Manual Integrations
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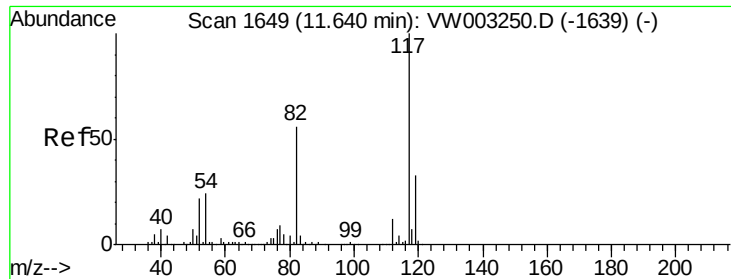
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.77 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion: 95 Resp: 199171
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 166.4
 176 78.5 0.0 162.0





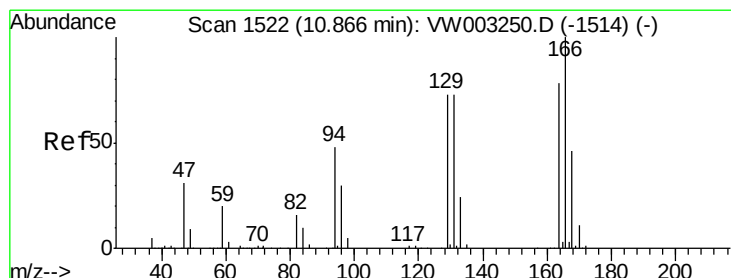
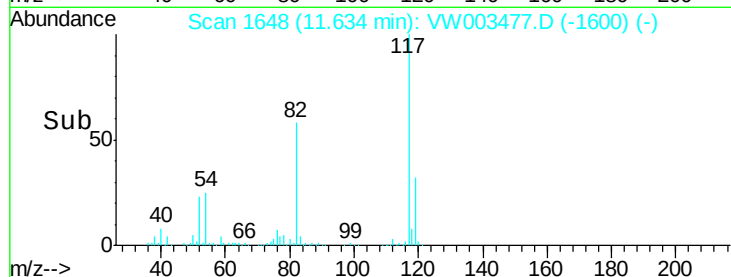
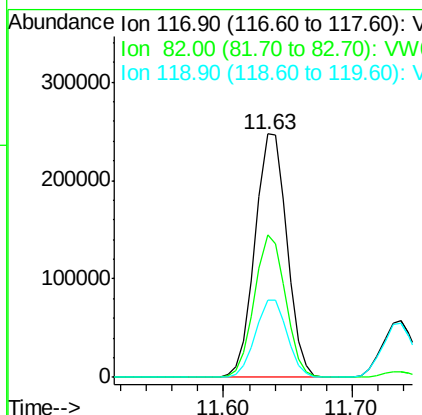
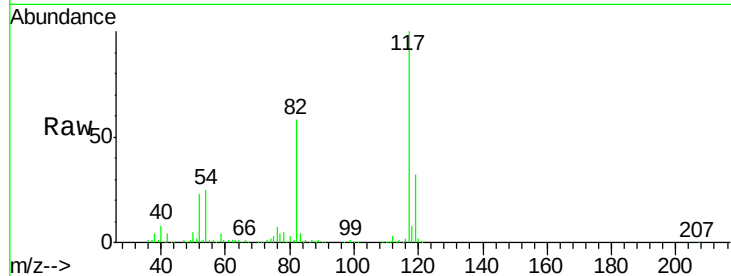
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.6	67.0
119	31.8	26.7	40.1

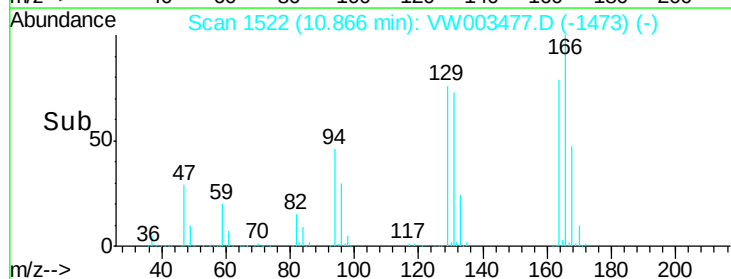
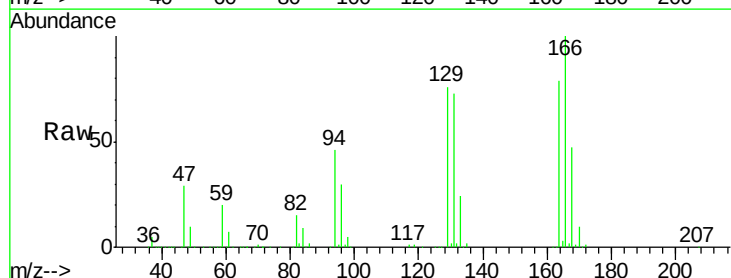
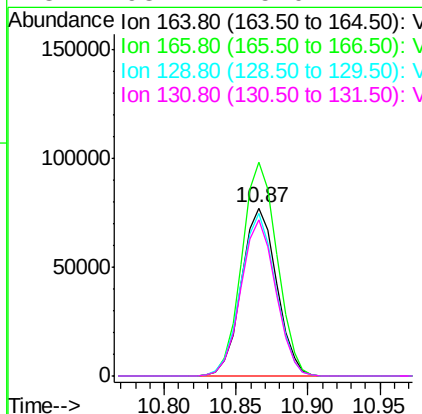
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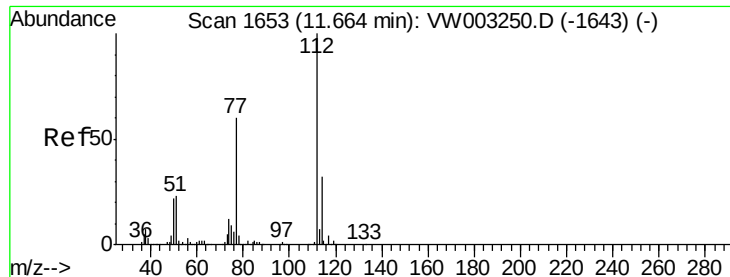
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#64
Tetrachloroethene
Concen: 46.29 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.6	154.0
129	96.8	75.2	112.8
131	93.1	75.0	112.4





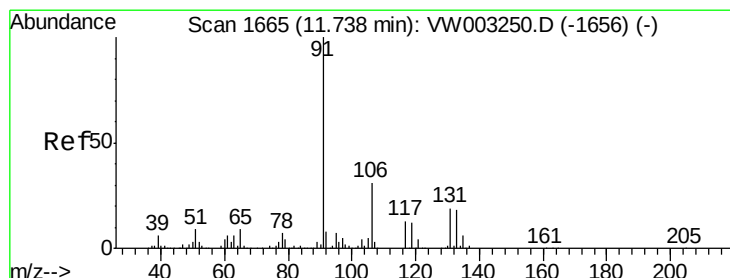
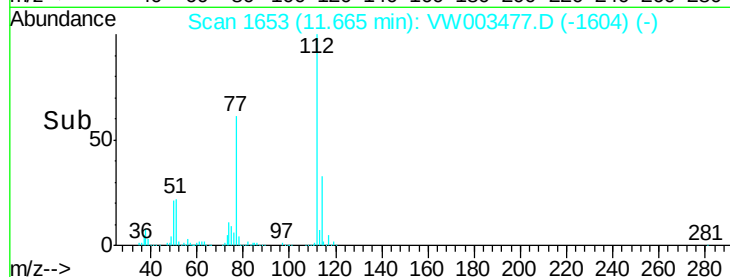
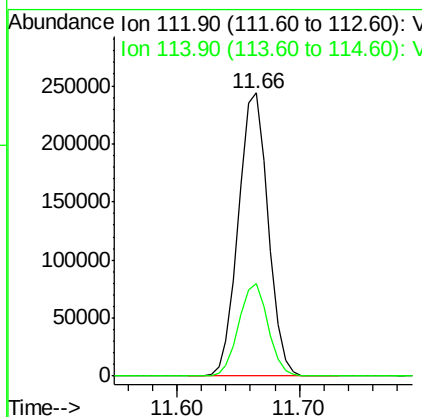
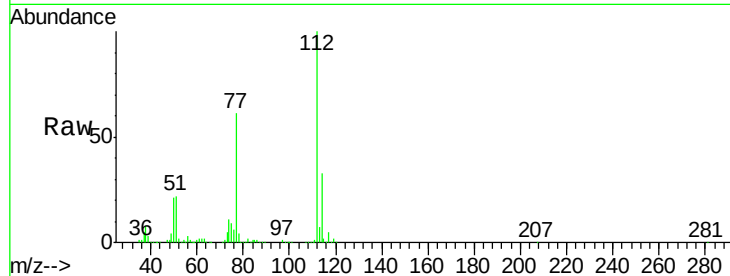
#65
Chlorobenzene
Concen: 46.71 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.9	38.9

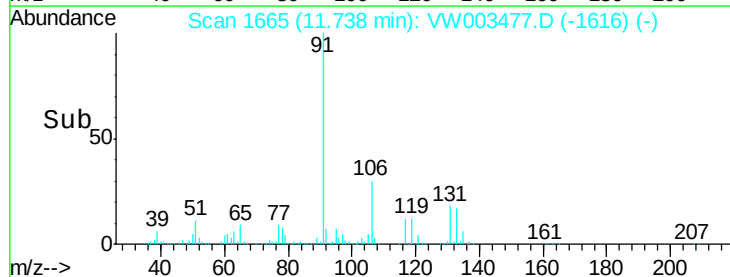
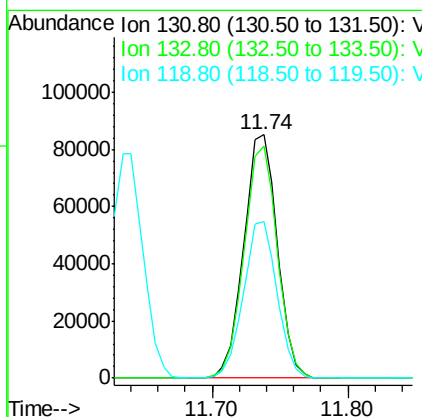
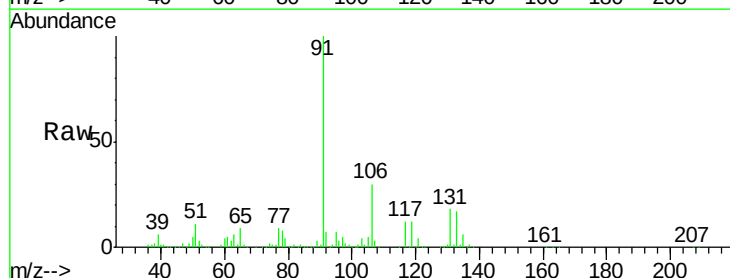
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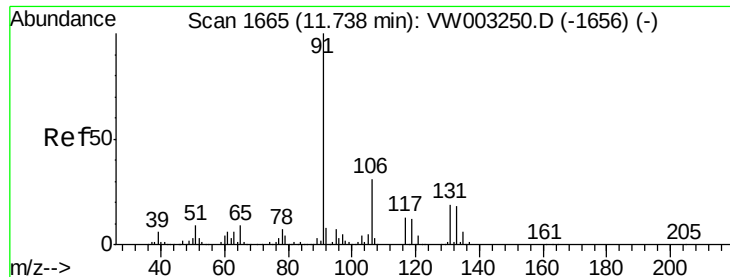
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.57 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	142.0
119	64.4	32.5	97.4





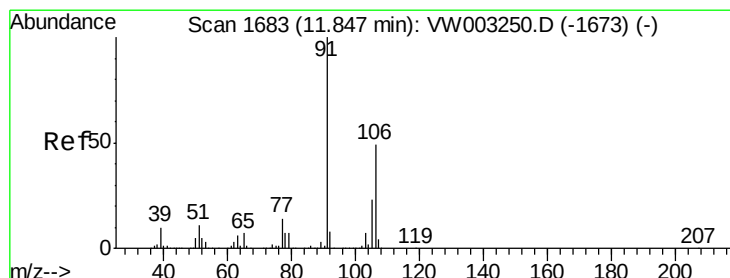
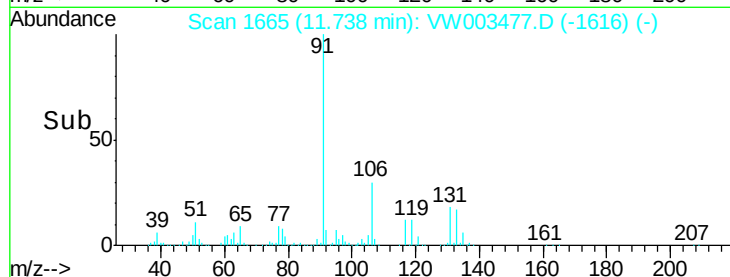
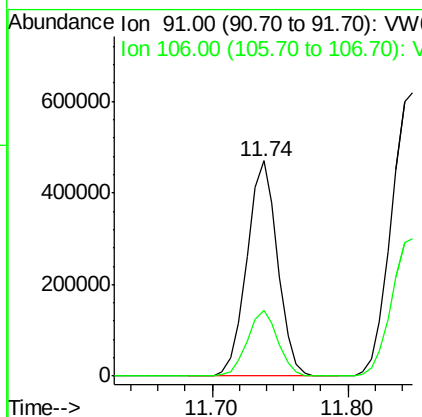
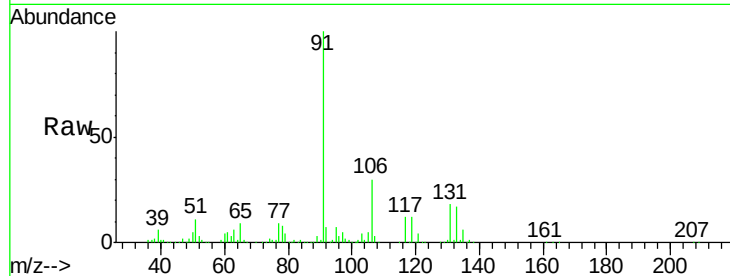
#67
Ethyl Benzene
Concen: 47.53 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 740744
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

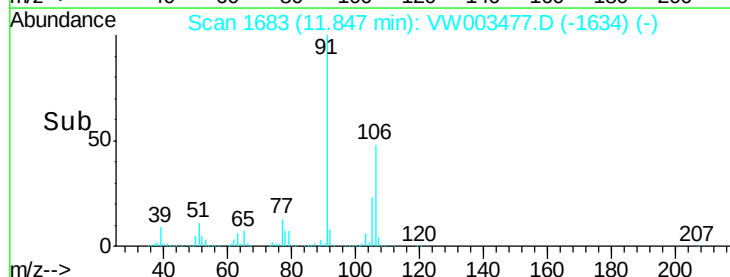
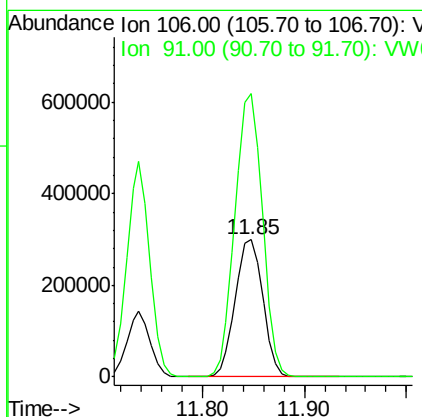
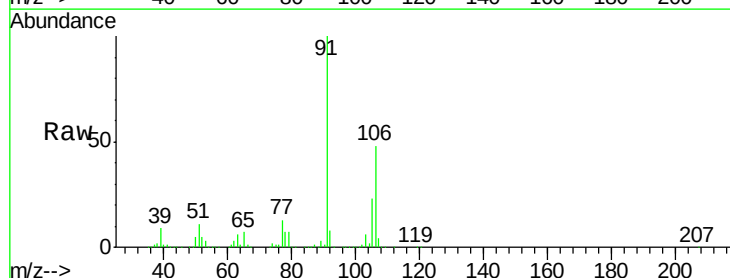
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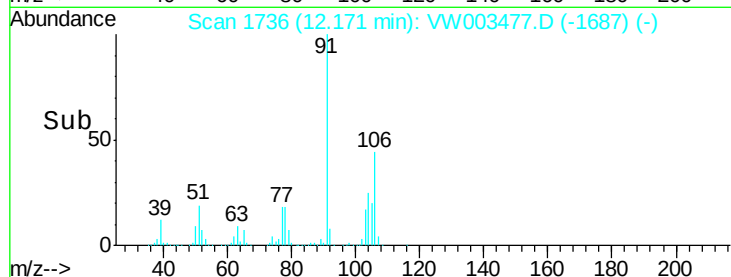
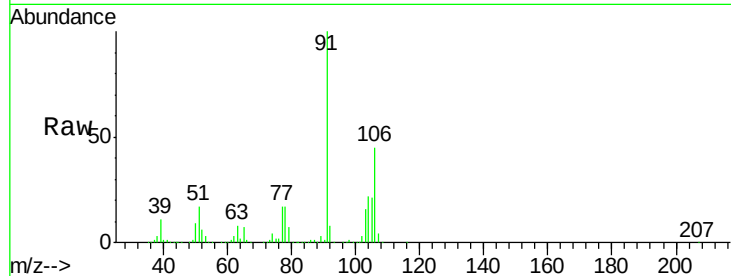
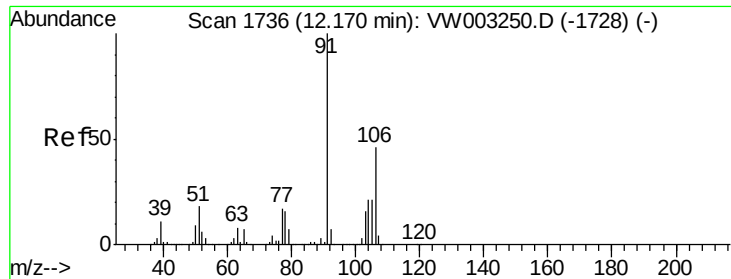
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#68
m/p-Xylenes
Concen: 94.82 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion: 106 Resp: 561750
Ion Ratio Lower Upper
106 100
91 205.5 165.4 248.0





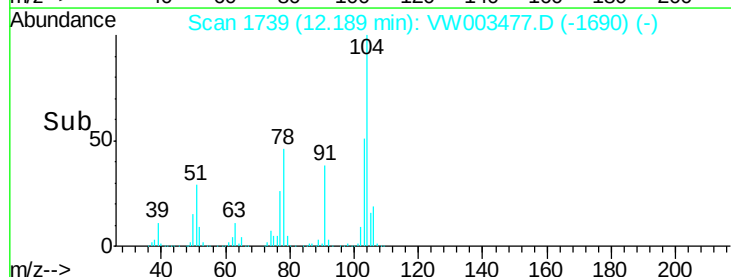
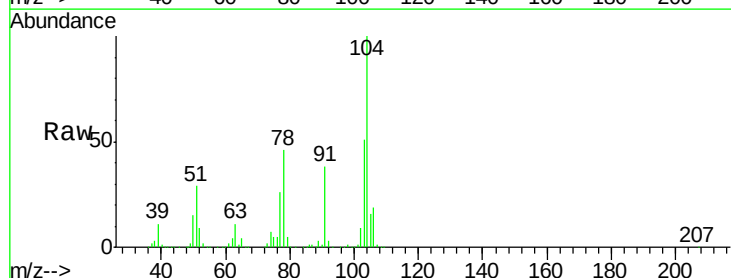
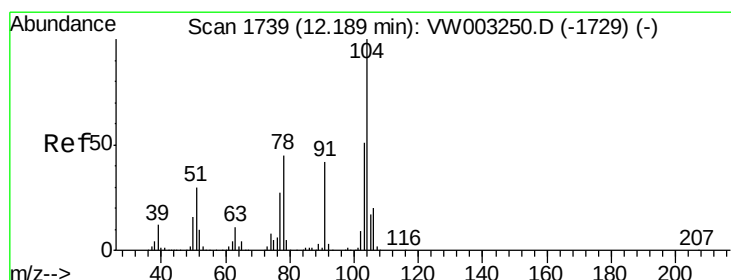
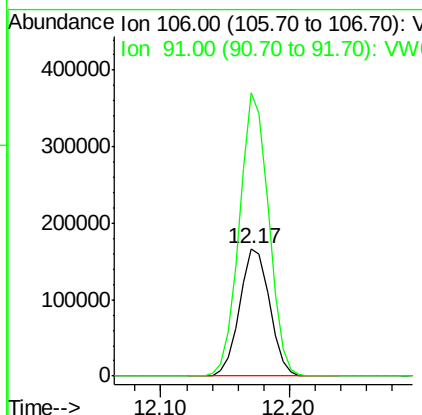
#69
o-Xylene
Concen: 48.81 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tot Ion:106 Resp: 267991
Ion Ratio Lower Upper
106 100
91 217.2 108.6 325.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

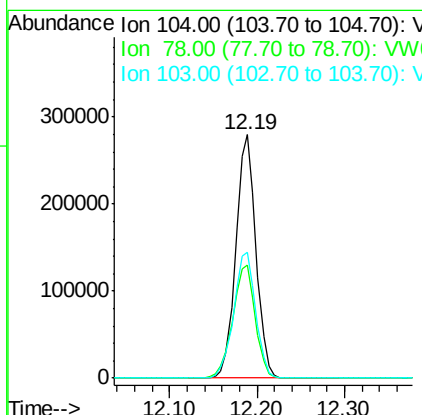
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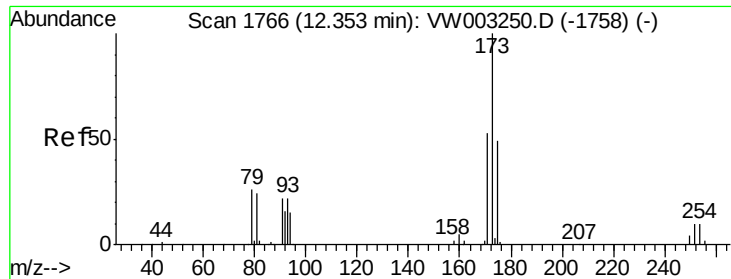
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#70
Styrene
Concen: 49.00 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion:104 Resp: 447745
Ion Ratio Lower Upper
104 100
78 51.9 41.3 61.9
103 56.4 45.0 67.4





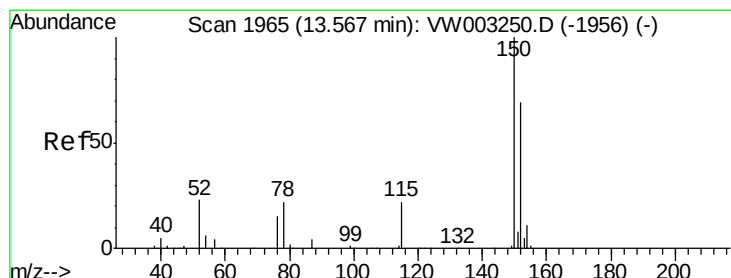
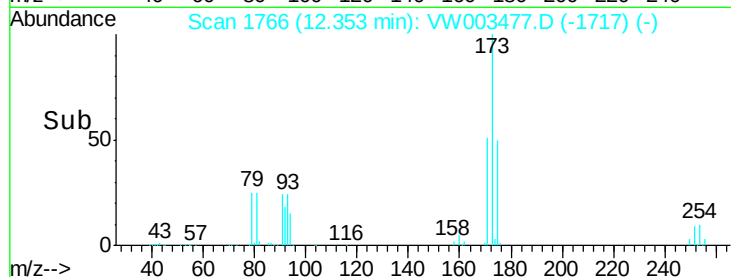
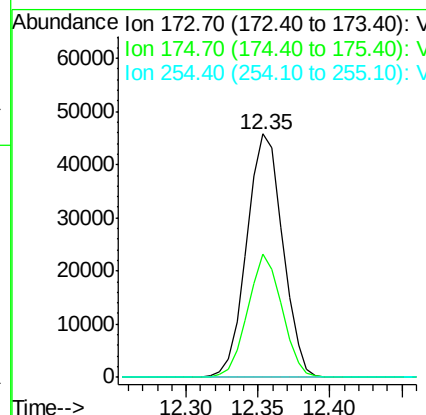
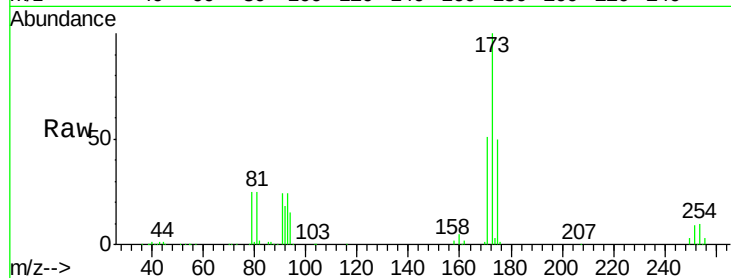
#71
Bromoform
Concen: 49.39 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.4
254	0.1	0.1	0.1

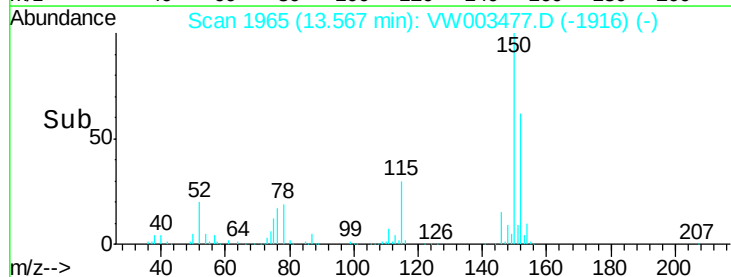
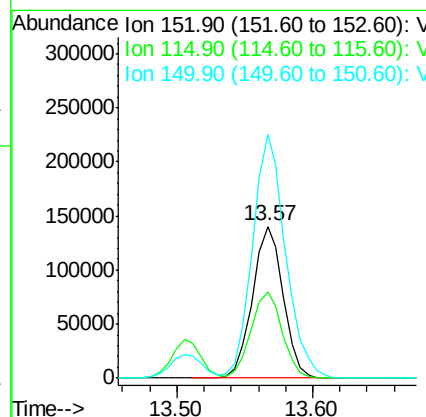
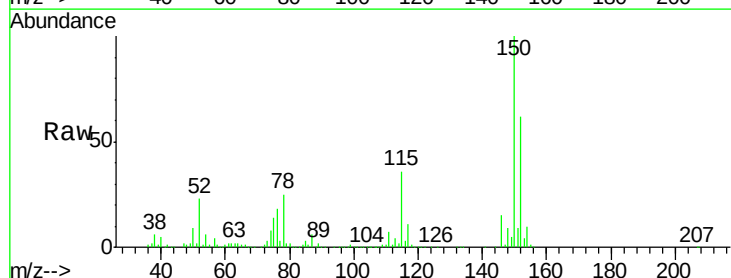
Manual Integrations
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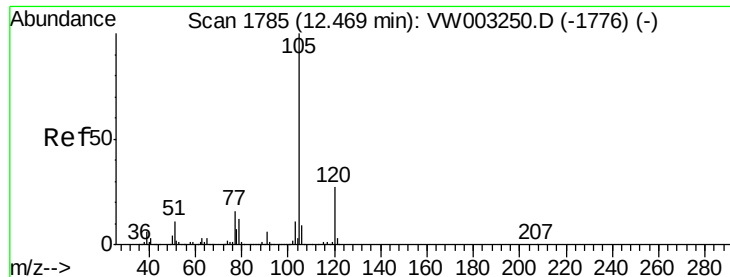
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.3	88.0
150	172.8	0.0	349.6





#73

Isopropylbenzene

Concen: 47.67 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 735371

Ion Ratio Lower Upper

105 100

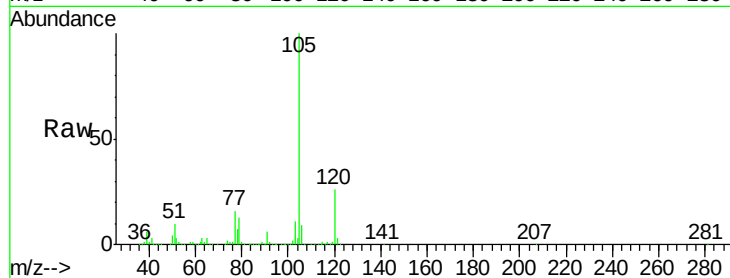
120 26.2 13.2 39.6

Manual Integrations

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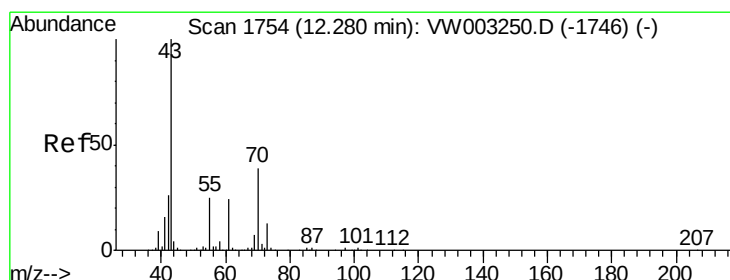
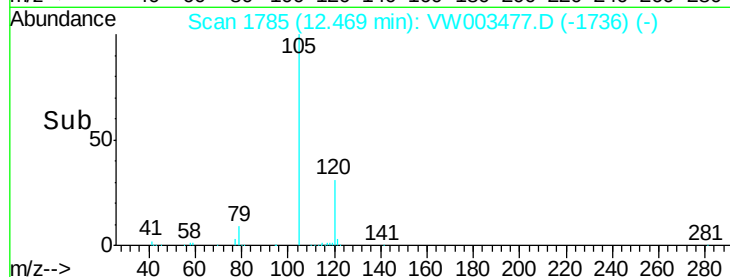
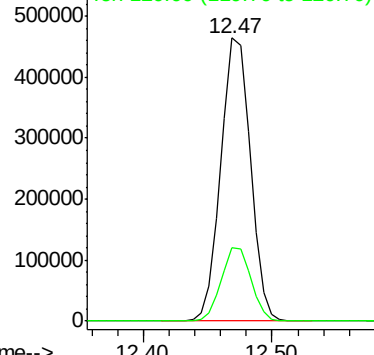
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.48 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion: 43 Resp: 184274

Ion Ratio Lower Upper

43 100

70 38.7 31.0 46.6

55 24.3 19.7 29.5

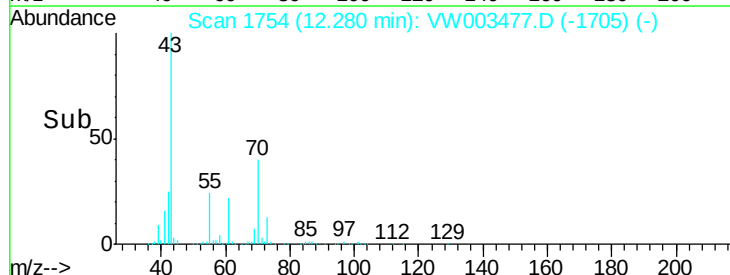
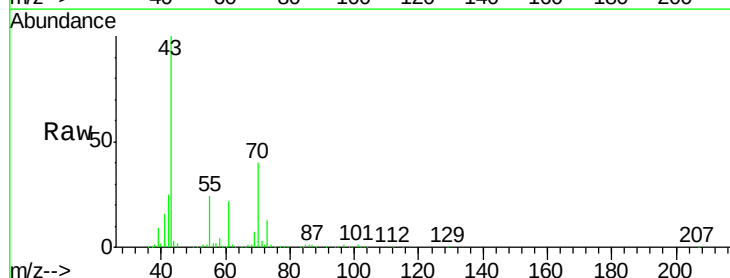
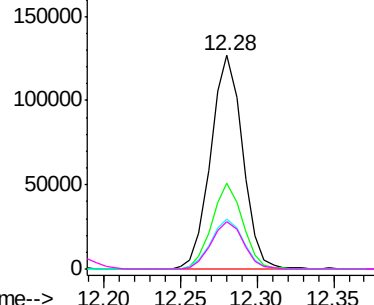
61 22.6 18.1 27.1

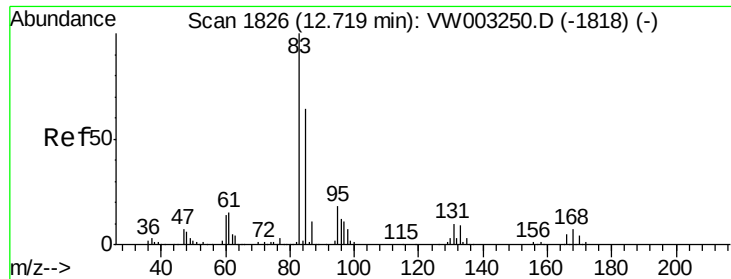
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.20 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

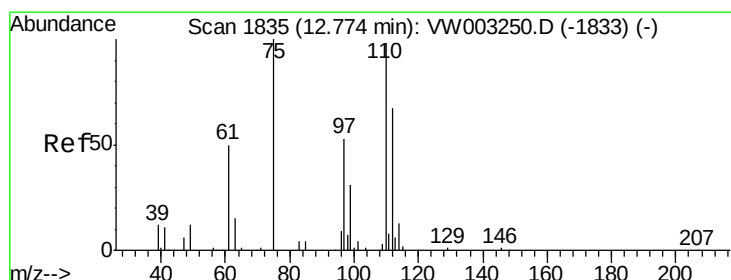
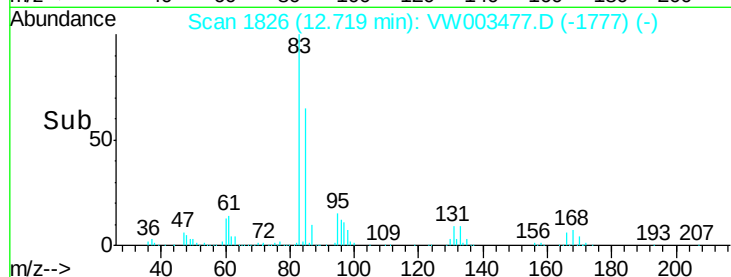
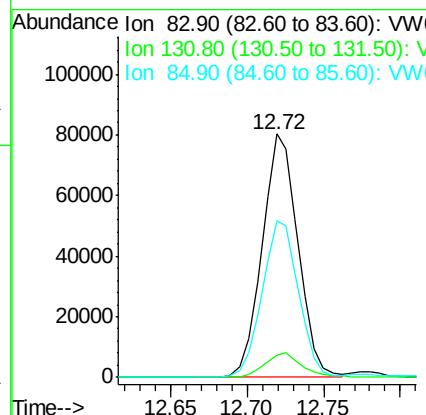
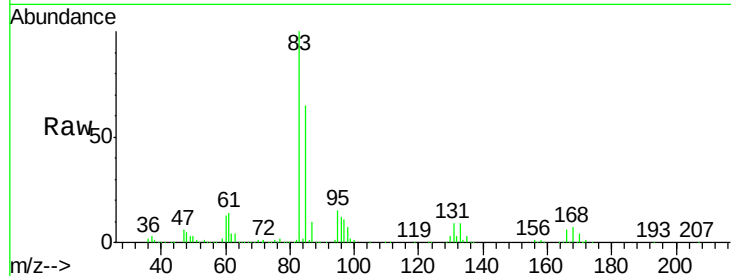
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	131025
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	65.3	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.43 ug/l m

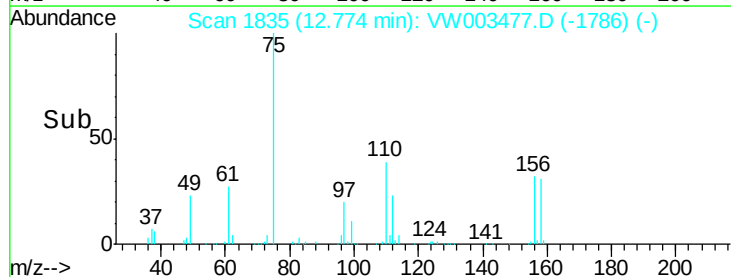
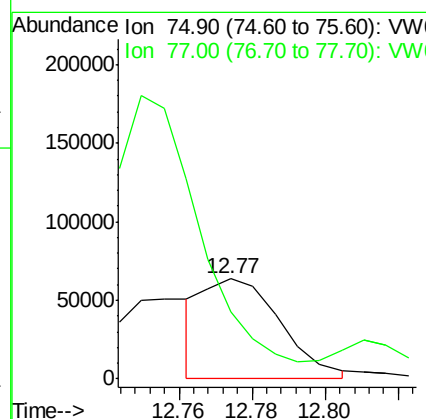
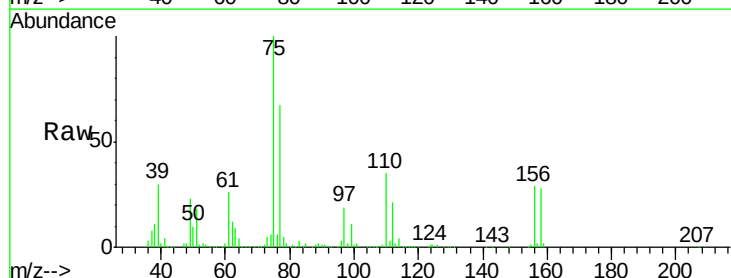
RT: 12.77 min Scan# 1835

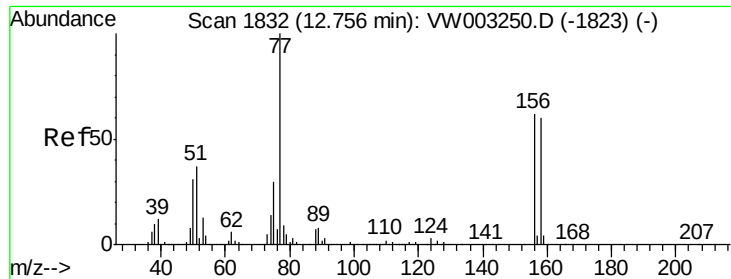
Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion:	75	Resp:	93720
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





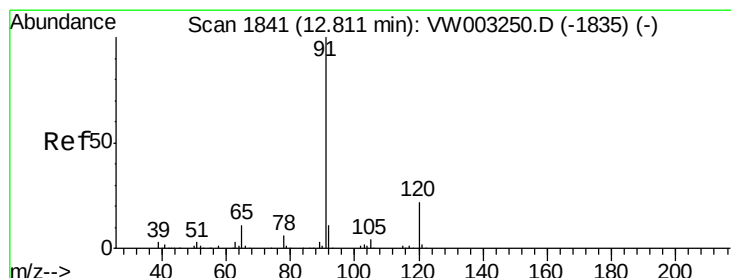
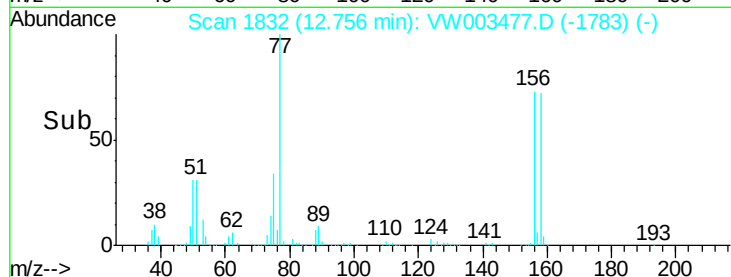
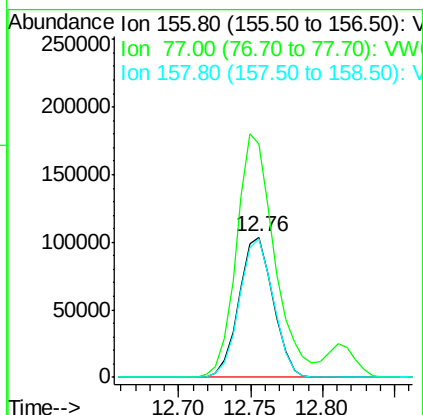
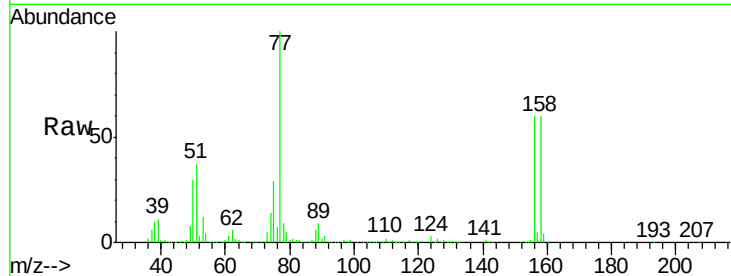
#77
Bromobenzene
Concen: 47.37 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.2	92.3	276.9
158	98.1	47.5	142.6

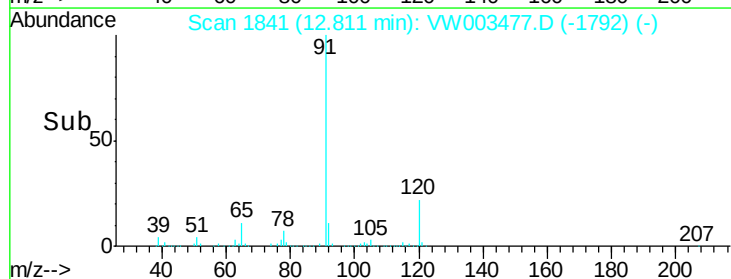
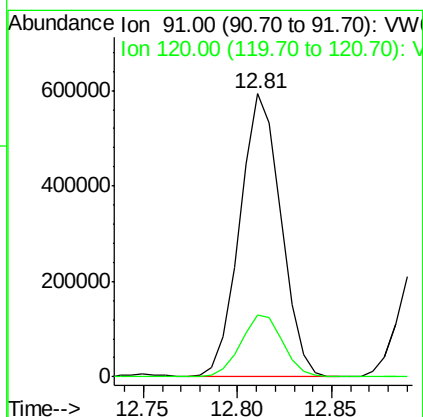
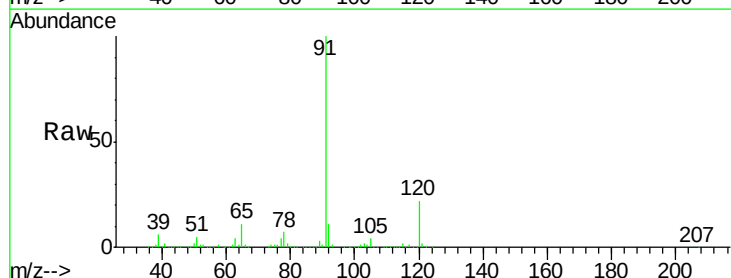
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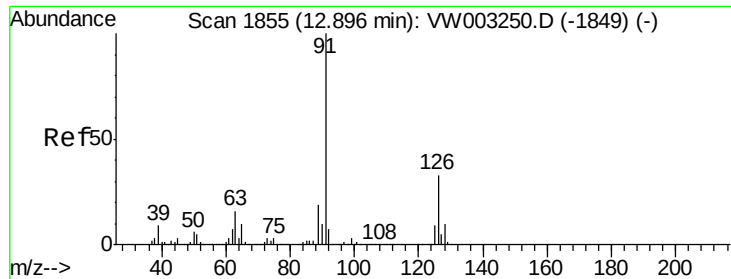
apatel
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#78
n-propylbenzene
Concen: 47.49 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.8





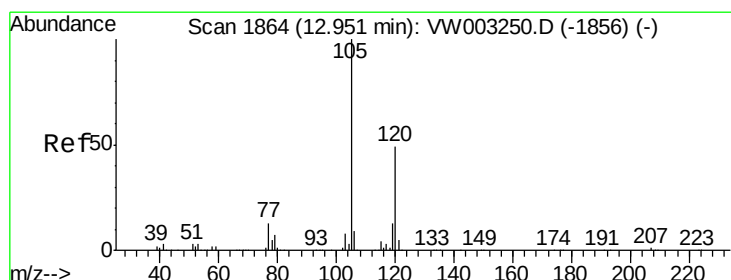
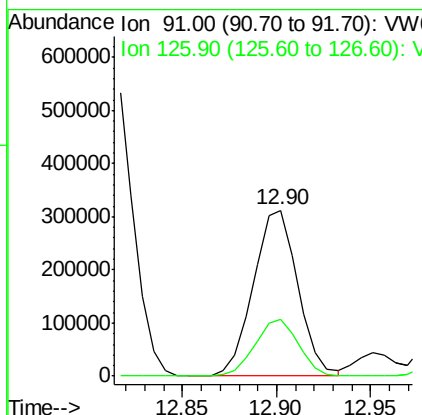
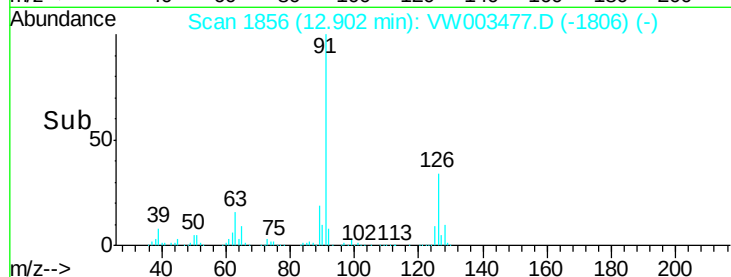
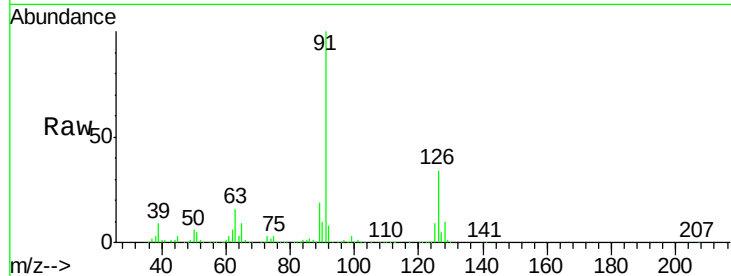
#79
 2-Chlorotoluene
 Concen: 47.95 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 511891
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.8 50.4

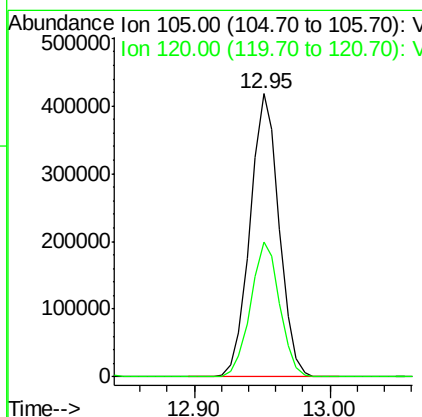
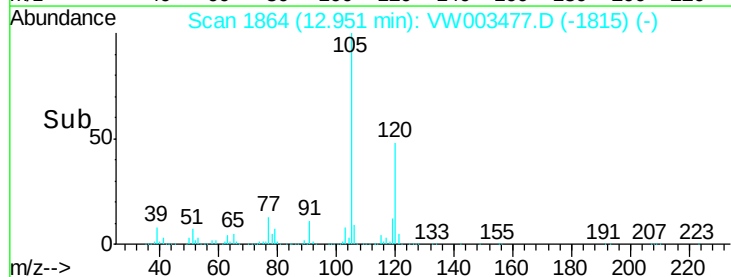
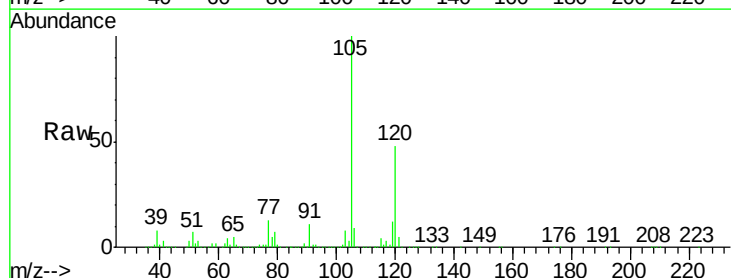
Manual Integrations
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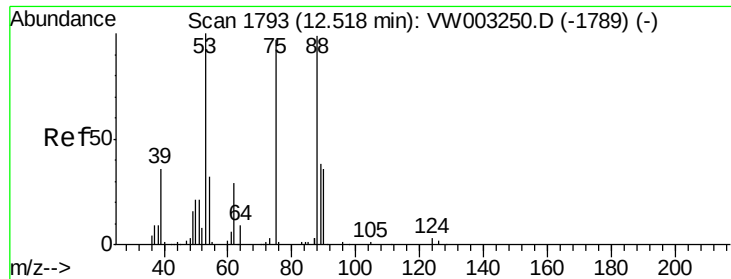
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.25 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion: 105 Resp: 624743
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9





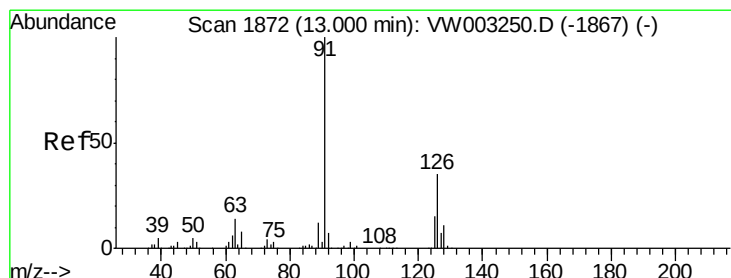
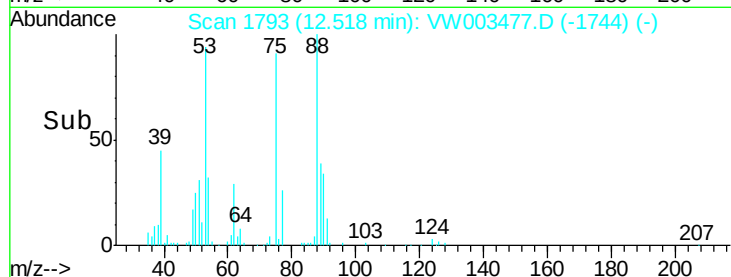
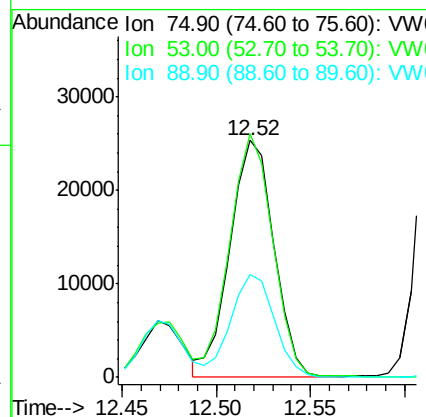
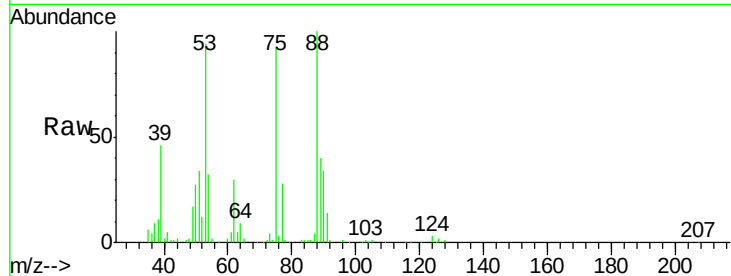
#81
trans-1,4-Dichloro-2-butene
Concen: 49.61 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	82.9	124.3
89	43.1	36.7	55.1

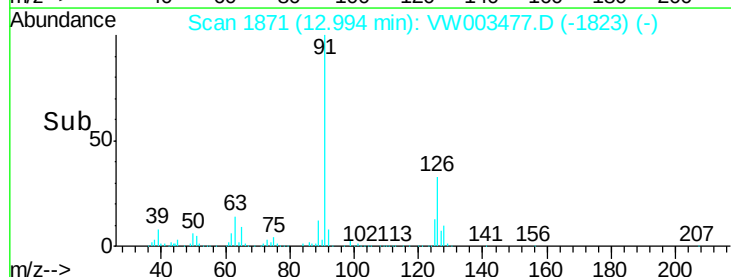
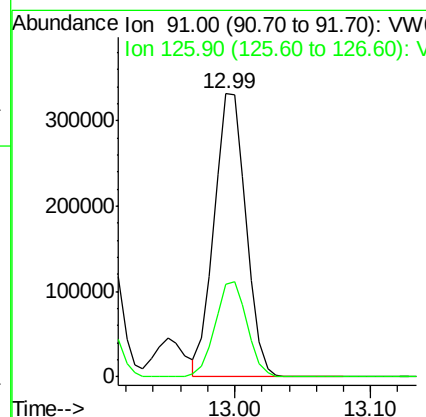
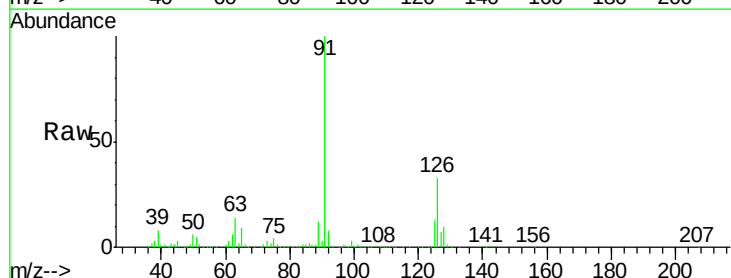
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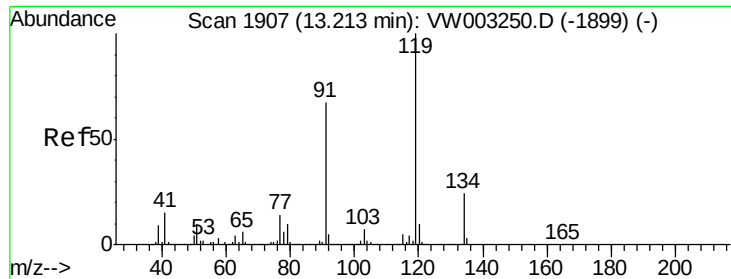
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#82
4-Chlorotoluene
Concen: 47.39 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.3





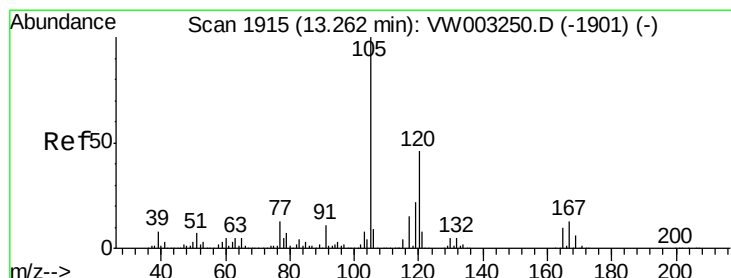
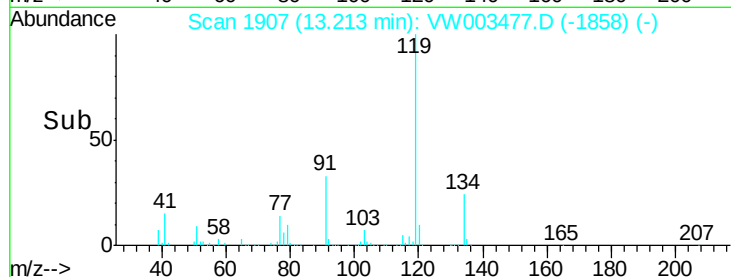
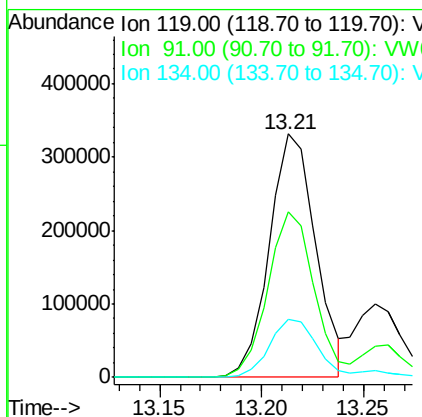
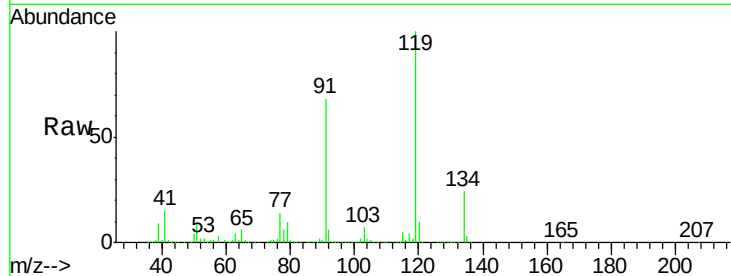
#83
 tert-Butylbenzene
 Concen: 47.64 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	525686		
91	68.3		33.9	101.7
134	26.5		13.4	40.1

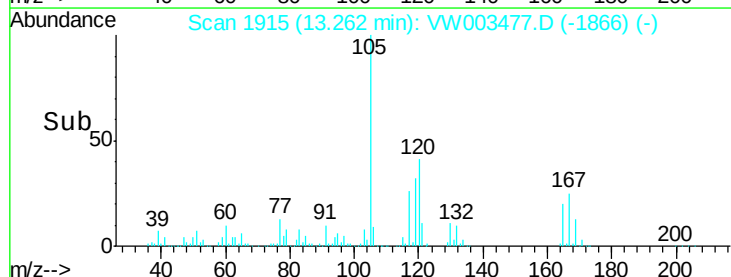
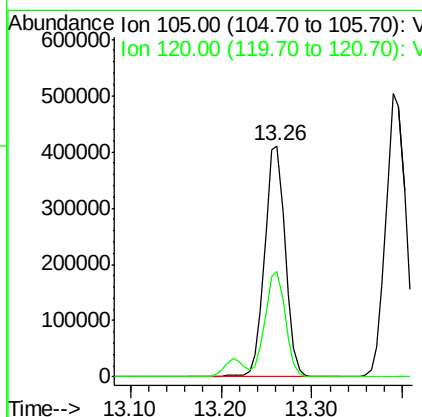
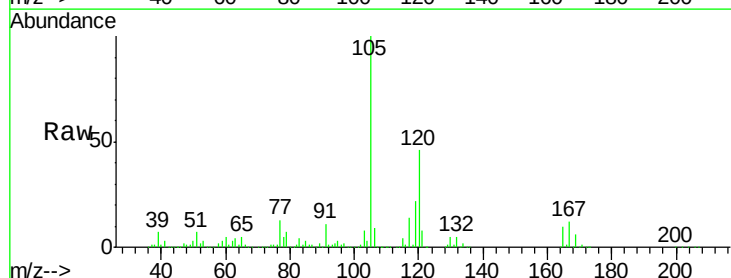
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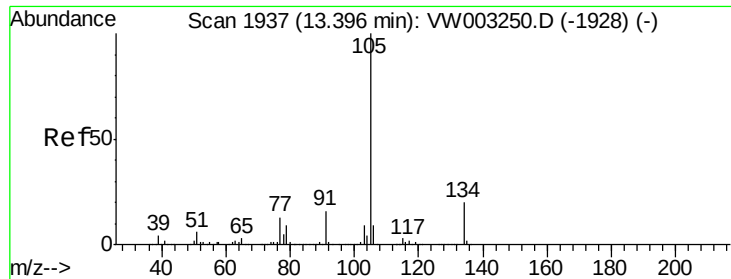
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.45 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	645294		
120	44.8		22.5	67.5





#85

sec-Butylbenzene

Concen: 47.10 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 772605

Ion Ratio Lower Upper

105 100

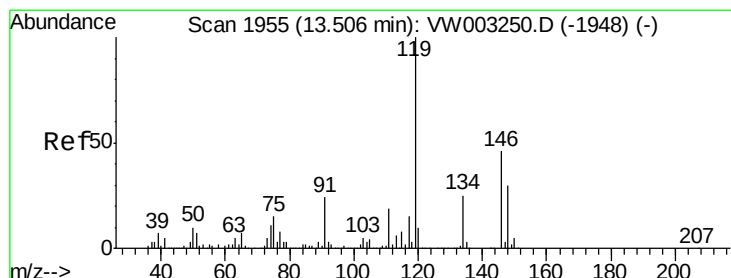
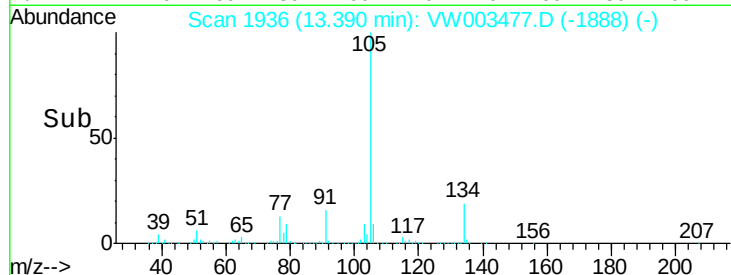
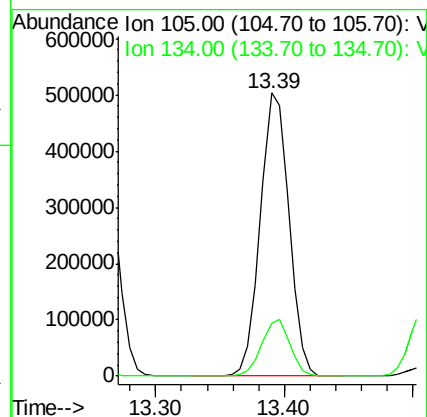
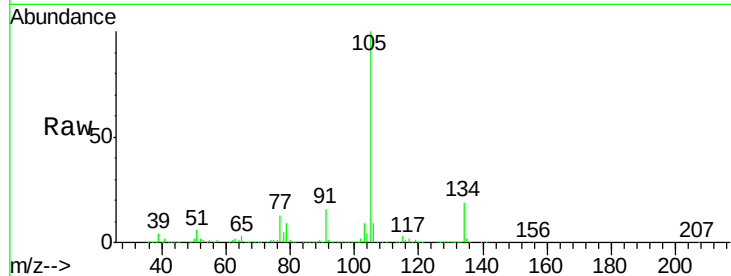
134 19.7 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 47.04 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

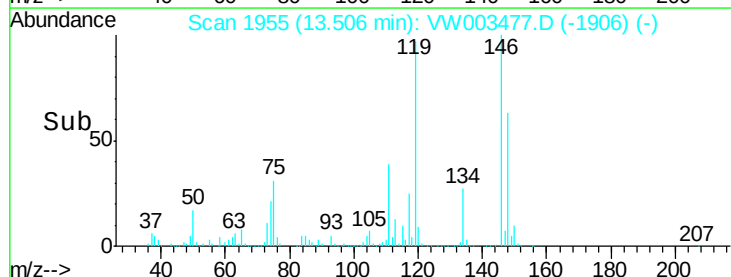
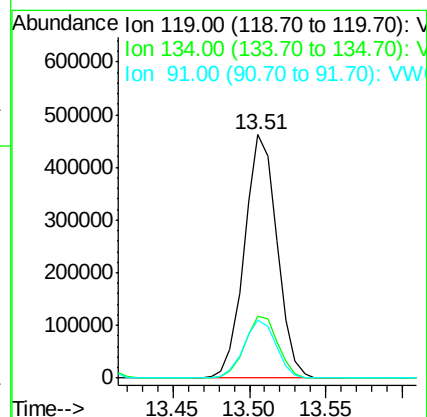
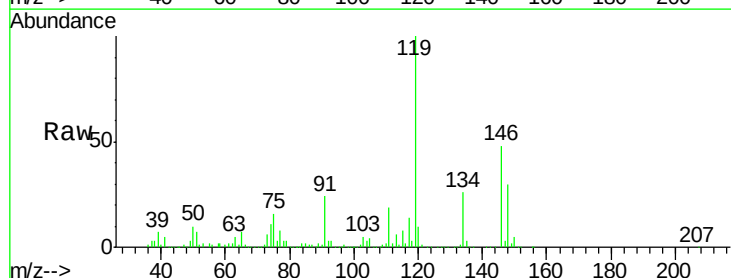
Tgt Ion:119 Resp: 680480

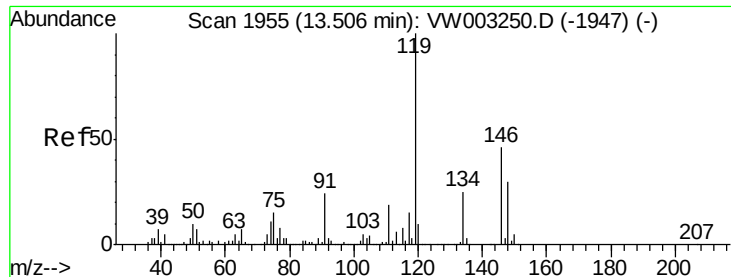
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.8 11.8 35.3





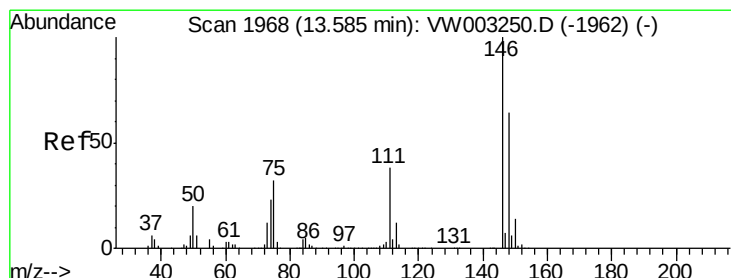
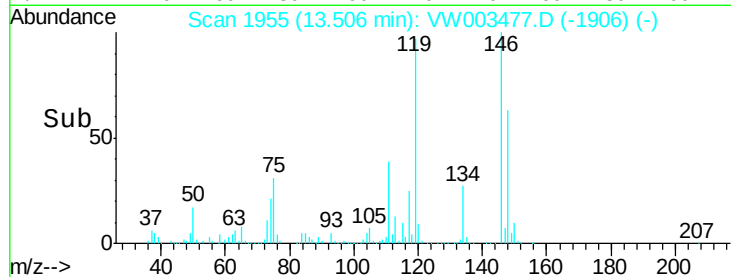
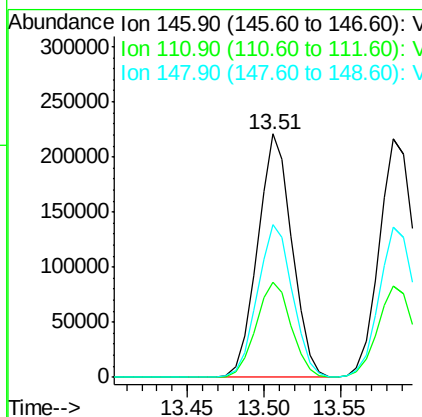
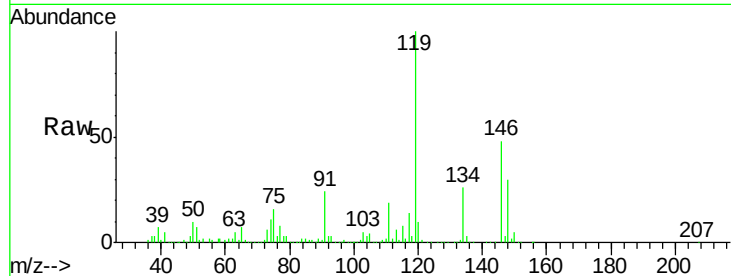
#87
 1,3-Dichlorobenzene
 Concen: 46.79 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	345298		
111	39.9	19.8	59.4	
148	64.0	32.1	96.5	

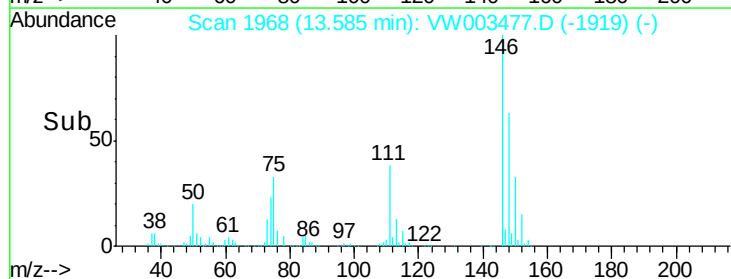
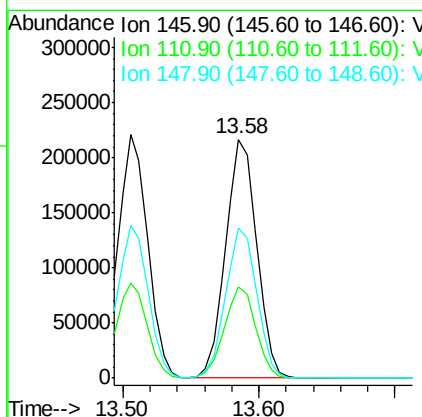
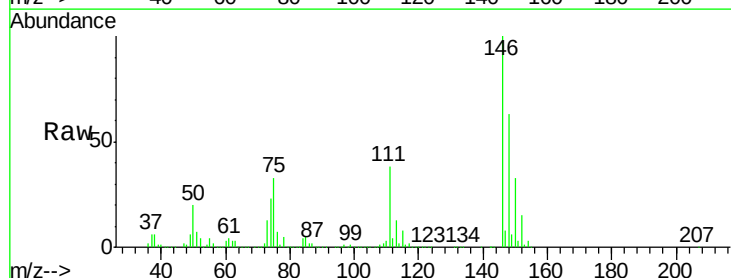
Manual Integrations
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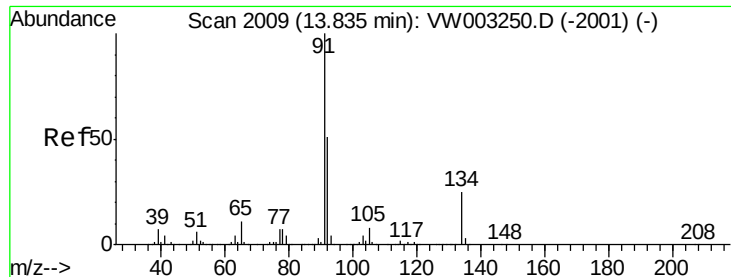
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#88
 1,4-Dichlorobenzene
 Concen: 46.95 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	344468		
111	38.8	19.2	57.6	
148	63.2	31.8	95.4	





#89

n-Butylbenzene

Concen: 46.60 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

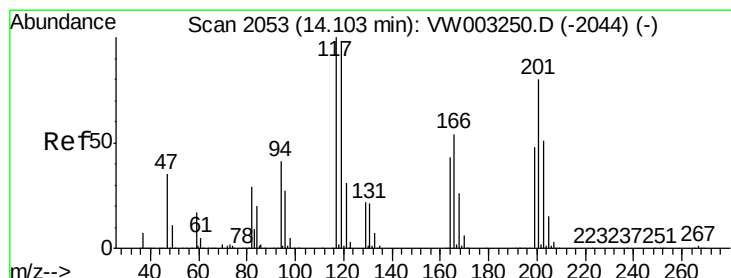
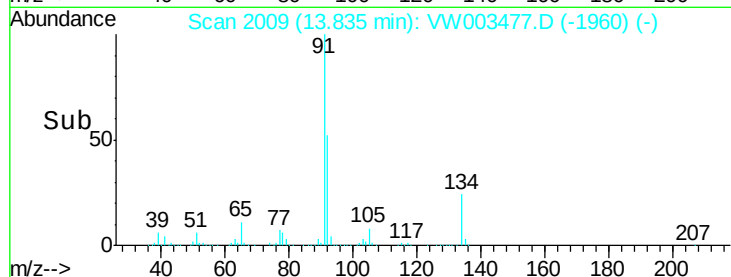
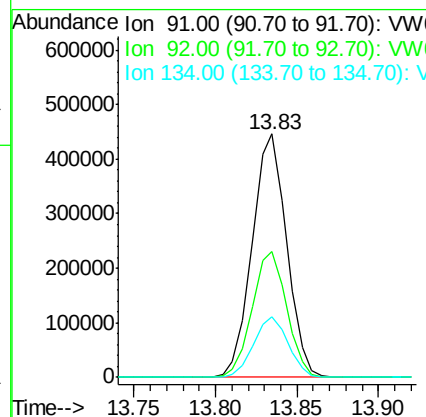
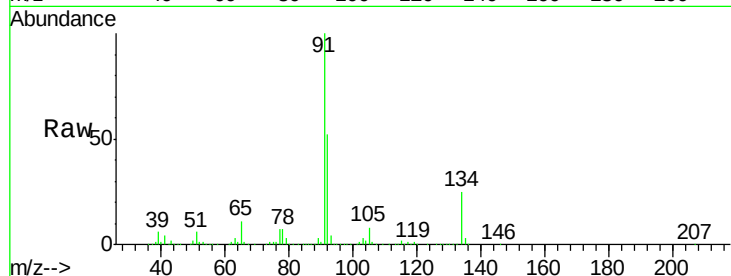
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	657133
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	25.0	12.7	38.0

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#90

Hexachloroethane

Concen: 47.30 ug/l

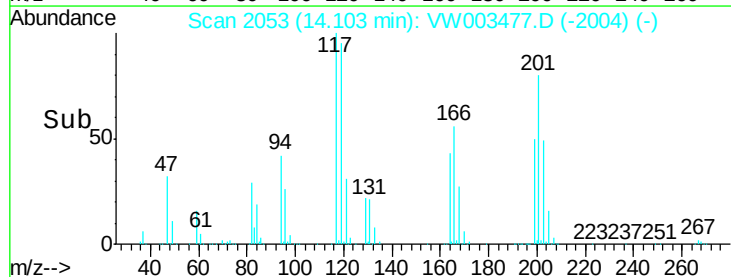
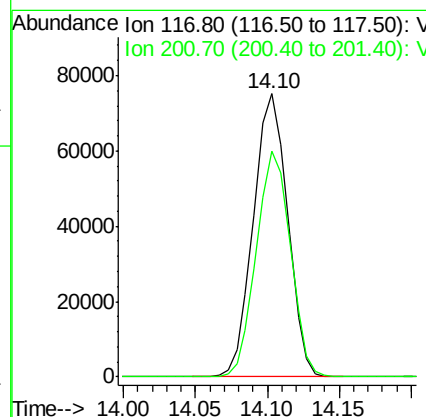
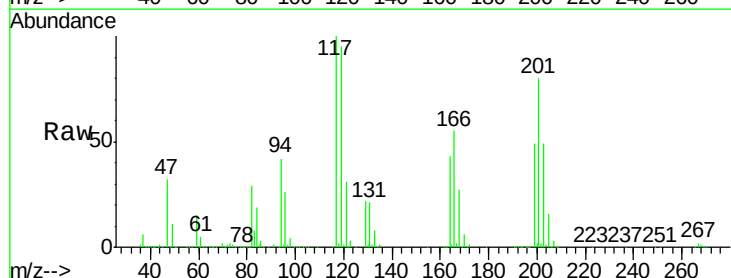
RT: 14.10 min Scan# 2053

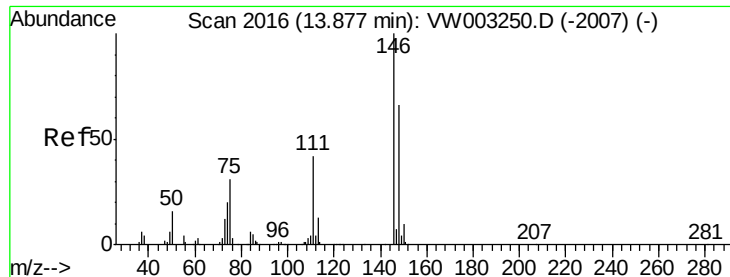
Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion:	117	Resp:	123787
Ion	Ratio	Lower	Upper
117	100		
201	79.4	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 48.04 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Instrument :

MSVOA_W

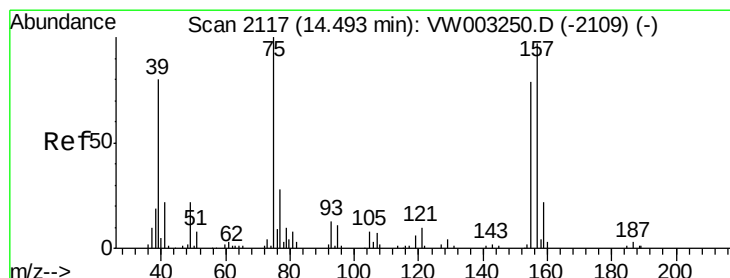
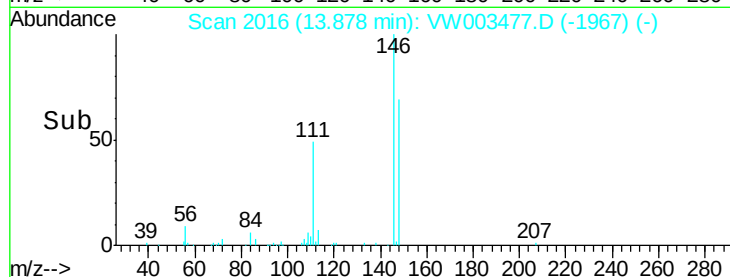
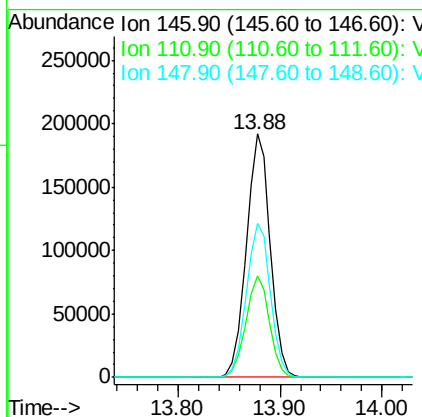
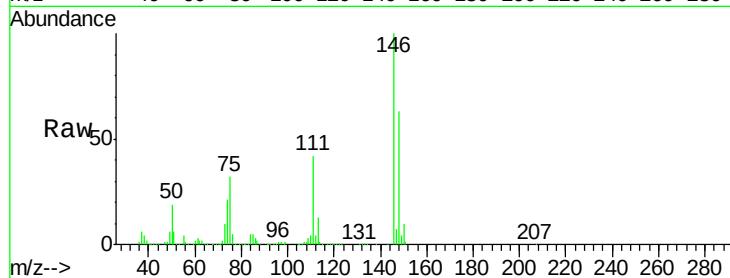
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	310596
Ion Ratio		Lower	Upper
146	100		
111	41.5	20.3	61.0
148	63.8	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.74 ug/l

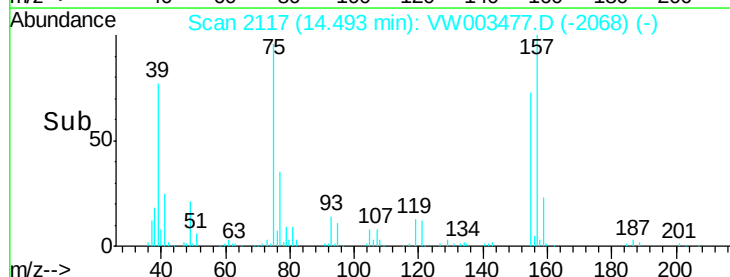
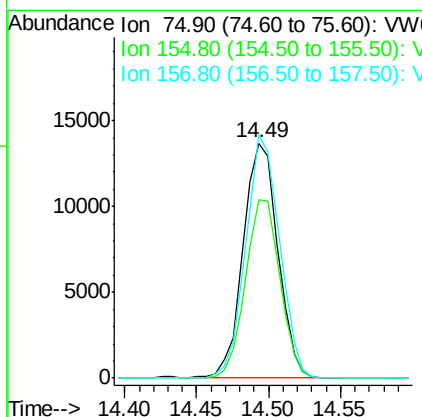
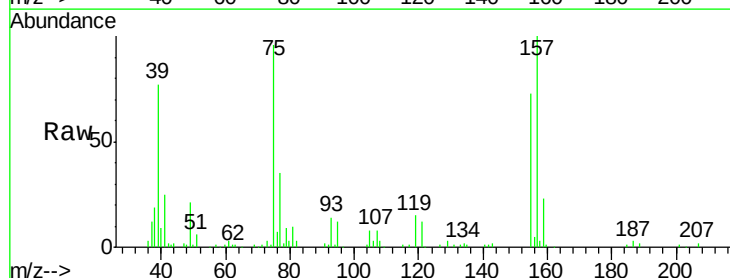
RT: 14.49 min Scan# 2117

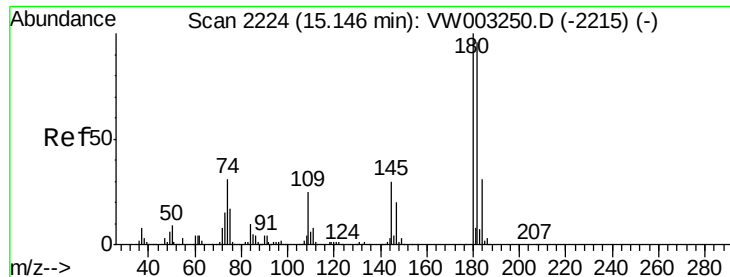
Delta R.T. 0.00 min

Lab File: VW003477.D

Acq: 23 Jun 2018 23:46

Tgt Ion:	75	Resp:	22726
Ion Ratio		Lower	Upper
75	100		
155	75.6	39.4	118.2
157	101.1	51.5	154.5





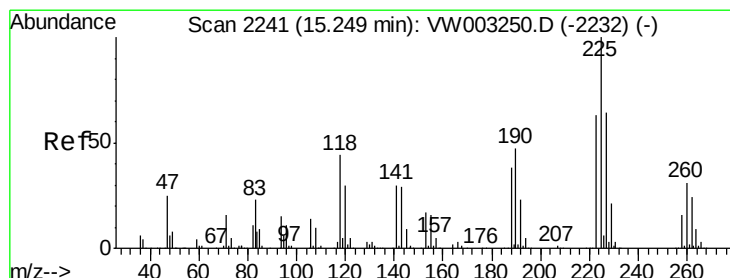
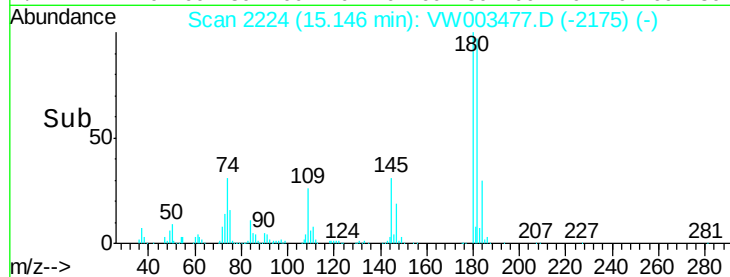
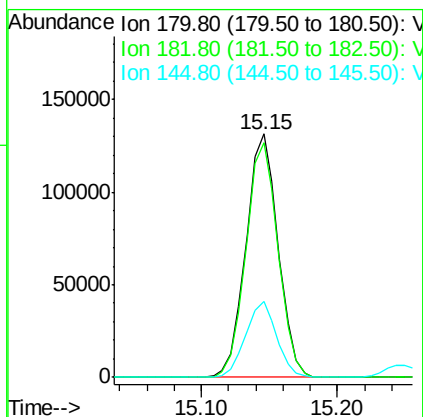
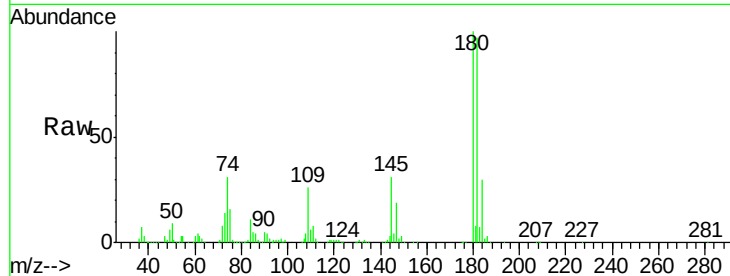
#93
 1,2,4-Trichlorobenzene
 Concen: 47.81 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.9	143.6	
145	30.3	15.2	45.5	

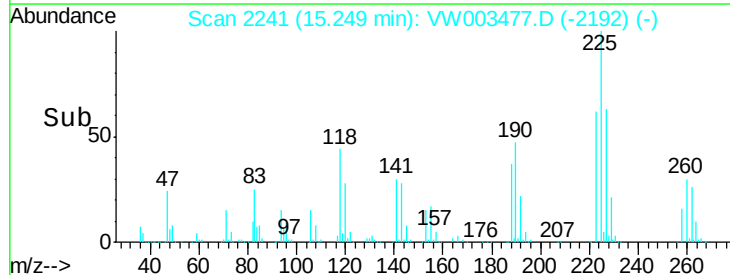
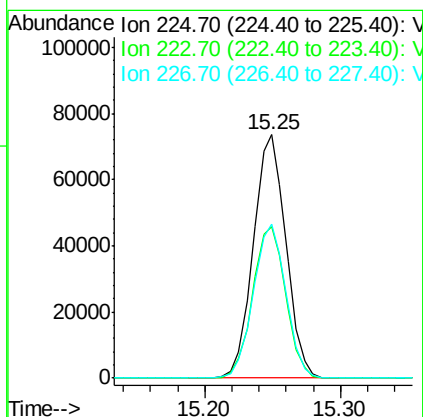
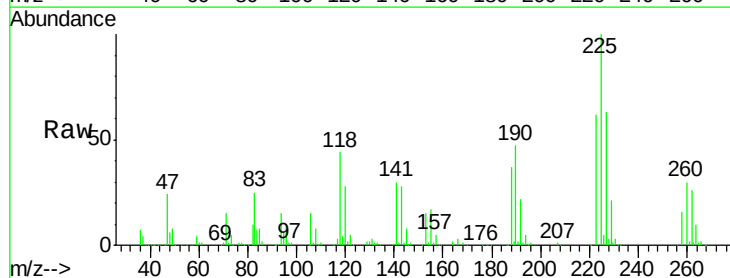
Manual Integrations
 APPROVED

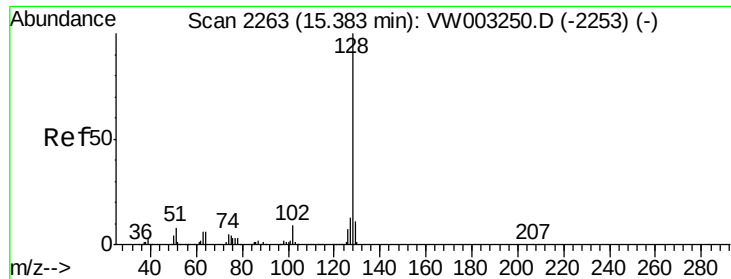
apatel
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#94
 Hexachlorobutadiene
 Concen: 45.24 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003477.D
 Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	30.6	92.0	
227	63.2	31.7	95.1	





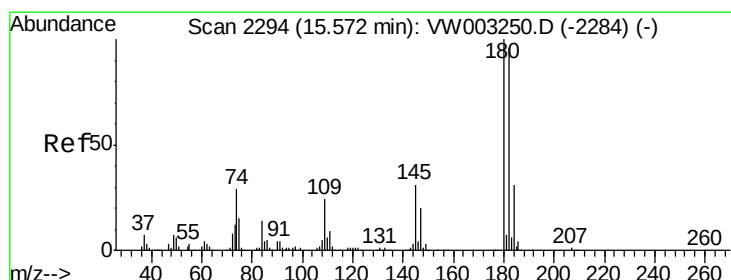
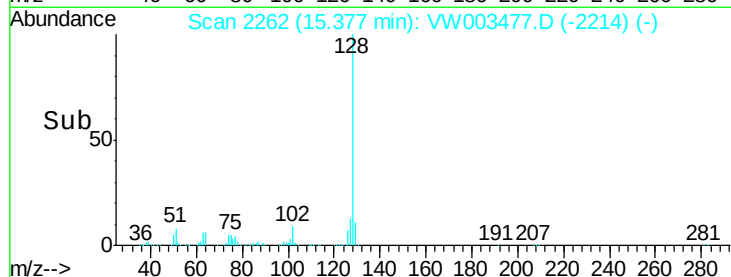
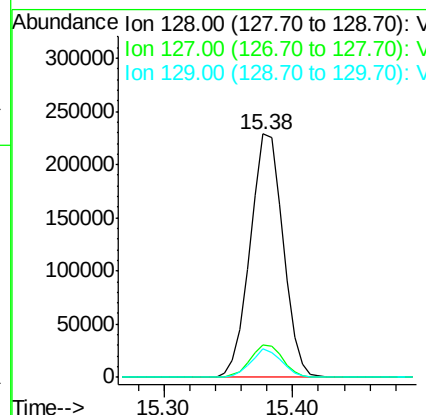
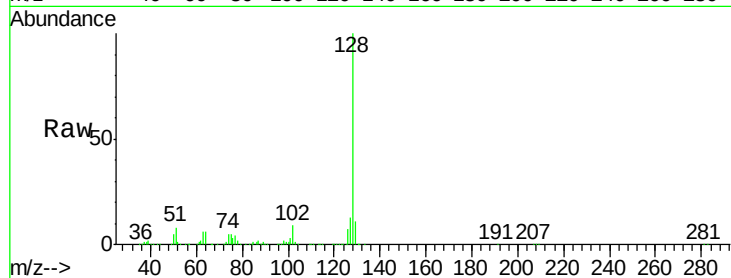
#95
Naphthalene
Concen: 52.35 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 48.38 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003477.D
Acq: 23 Jun 2018 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.6
145	32.7	15.8	47.4

