

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007550.D
 Acq On : 14 Dec 2018 23:46
 Operator : SY/AP
 Sample : VW1217SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Manual Integrations
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apatel
 12/17/2018 1:45:26 PM

Quant Time: Dec 15 03:51:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60147	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42852	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	40496	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.32	98	154525	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.62	95	58664	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	12731	22.759	ug/l	97
3) Chloromethane	2.21	50	10387	22.171	ug/l	99
4) Vinyl Chloride	2.37	62	12996	23.639	ug/l	97
5) Bromomethane	2.78	94	8264	22.372	ug/l	92
6) Chloroethane	2.93	64	6965	23.015	ug/l	96
7) Trichlorofluoromethane	3.26	101	10897	22.046	ug/l	96
8) Diethyl Ether	3.68	74	8296	21.444	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17017	20.865	ug/l	98
10) Methyl Iodide	4.26	142	29142	21.574	ug/l	99
11) Tert butyl alcohol	5.18	59	6662	109.228	ug/l	98
12) 1,1-Dichloroethene	4.03	96	16577	21.110	ug/l	98
13) Acrolein	3.89	56	4377	108.455	ug/l	94
14) Allyl chloride	4.67	41	24046	20.775	ug/l	98
15) Acrylonitrile	5.37	53	16861	103.388	ug/l	99
16) Acetone	4.12	43	16328	105.261	ug/l	95
17) Carbon Disulfide	4.37	76	50313	21.132	ug/l	97
18) Methyl Acetate	4.67	43	8735	20.748	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	27557	23.263	ug/l	96
20) Methylene Chloride	4.91	84	20052	21.397	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	18313	20.848	ug/l	91
22) Diisopropyl ether	6.31	45	46763	21.019	ug/l	95
23) Vinyl Acetate	6.26	43	130610	104.957	ug/l	99
24) 1,1-Dichloroethane	6.21	63	31155	20.719	ug/l	98
25) 2-Butanone	7.17	43	20560	101.527	ug/l	98
26) 2,2-Dichloropropane	7.17	77	21998	22.105	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	20402	21.212	ug/l	99
28) Bromochloromethane	7.51	49	10981	19.415	ug/l	100
29) Tetrahydrofuran	7.53	42	13143	102.518	ug/l	97
30) Chloroform	7.68	83	34141	20.864	ug/l	98
31) Cyclohexane	7.95	56	27939	20.252	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	30891	21.527	ug/l	99
36) 1,1-Dichloropropene	8.08	75	26285	21.484	ug/l	99
37) Ethyl Acetate	7.25	43	9855	21.657	ug/l	96
38) Carbon Tetrachloride	8.06	117	29033	21.809	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31974	21.582	ug/l	92
40) Benzene	8.32	78	73356	21.605	ug/l	99
41) Methacrylonitrile	7.48	41	6156	23.756	ug/l #	93
42) 1,2-Dichloroethane	8.40	62	23138	21.693	ug/l	100
43) Isopropyl Acetate	8.43	43	19384	21.565	ug/l	99
44) Trichloroethene	9.09	130	20662	21.310	ug/l	97
45) 1,2-Dichloropropane	9.37	63	16971	21.599	ug/l	98
46) Dibromomethane	9.46	93	9885	22.153	ug/l	96
47) Bromodichloromethane	9.65	83	25408	21.709	ug/l	97
48) Methyl methacrylate	9.43	41	9536	20.656	ug/l	96
49) 1,4-Dioxane	9.45	88	3350	462.706	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	46167	108.700	ug/l	100
52) Toluene	10.39	92	49685	22.612	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	25329	22.291	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	28698	21.848	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13824	22.763	ug/l	94
56) Ethyl methacrylate	10.65	69	16736	22.928	ug/l	98
57) 1,3-Dichloropropane	10.93	76	23479	23.555	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	33612	99.855	ug/l	100
59) 2-Hexanone	10.97	43	31792	112.258	ug/l	100
60) Dibromochloromethane	11.13	129	17535	22.880	ug/l	98
61) 1,2-Dibromoethane	11.24	107	13429	22.376	ug/l	94
64) Tetrachloroethene	10.86	164	17663	20.342	ug/l	92
65) Chlorobenzene	11.66	112	54933	21.828	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	19291	21.764	ug/l	99
67) Ethyl Benzene	11.73	91	96921	22.400	ug/l	94
68) m/p-Xylenes	11.84	106	74617	44.360	ug/l	99
69) o-Xylene	12.17	106	35366	22.512	ug/l	100
70) Styrene	12.18	104	57667	22.726	ug/l	98
71) Bromoform	12.35	173	9503	20.946	ug/l #	97
73) Isopropylbenzene	12.47	105	98224	21.313	ug/l	99
74) N-amyl acetate	12.27	43	18226	21.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	14943	21.891	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	11543m	23.276	ug/l	
77) Bromobenzene	12.75	156	21548	21.093	ug/l	94
78) n-propylbenzene	12.80	91	113480	21.879	ug/l	100
79) 2-Chlorotoluene	12.90	91	66992	21.346	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	84597	21.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4720	21.024	ug/l	95
82) 4-Chlorotoluene	12.99	91	70990	21.459	ug/l	98
83) tert-Butylbenzene	13.21	119	74290	21.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	85375	21.424	ug/l	99
85) sec-Butylbenzene	13.39	105	102181	21.937	ug/l	95
86) p-Isopropyltoluene	13.51	119	91292	21.816	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	44319	21.759	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	44600	21.781	ug/l	96
89) n-Butylbenzene	13.83	91	82130	21.171	ug/l	98
90) Hexachloroethane	14.10	117	15811	21.235	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	39038	21.399	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2842	20.747	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26173	20.847	ug/l	97
94) Hexachlorobutadiene	15.24	225	14034	21.068	ug/l	96
95) Naphthalene	15.37	128	50840	21.168	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	22859	20.960	ug/l	97

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

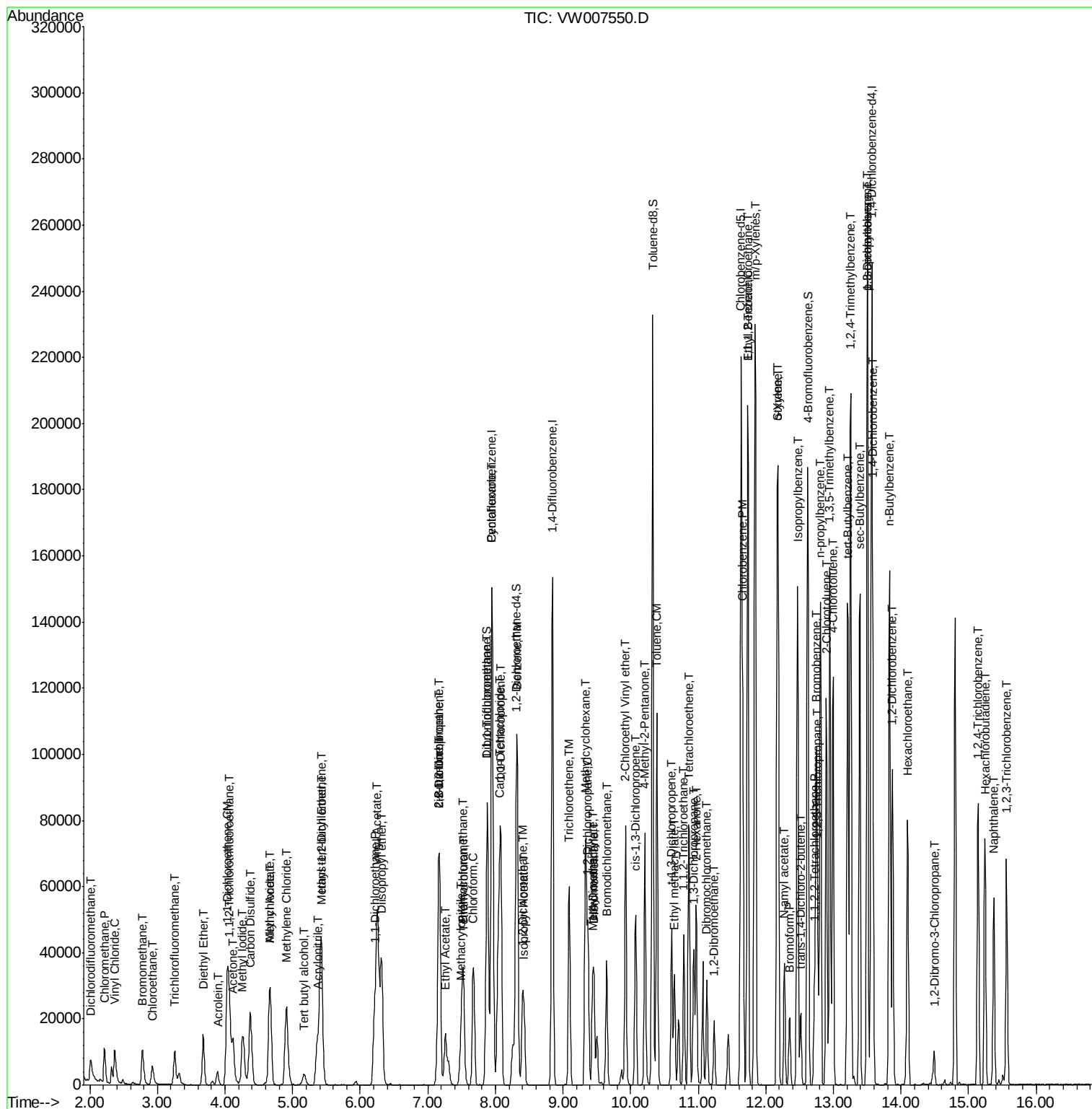
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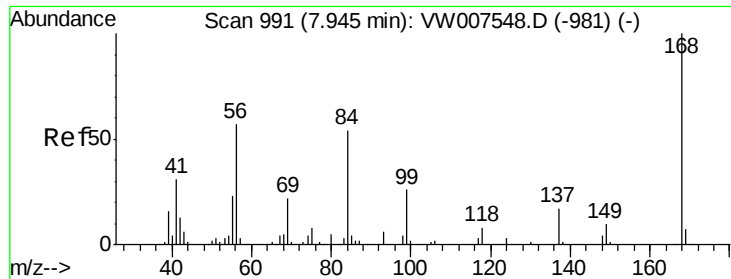
Instrument :
MSVOA_W
Client Sampled :
VW1217SBS02

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 168 Resp: 80048

Ion Ratio Lower Upper

168 100

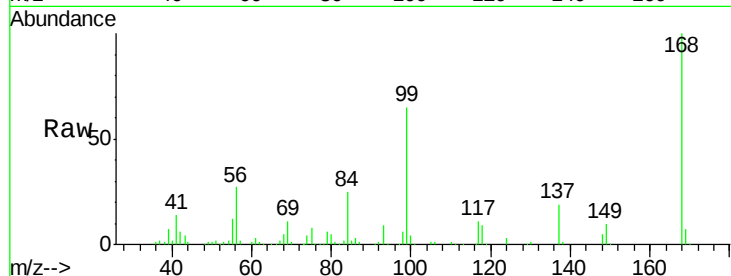
99 64.7 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW007548.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007548.D (-981) (-)

7.95

40000

30000

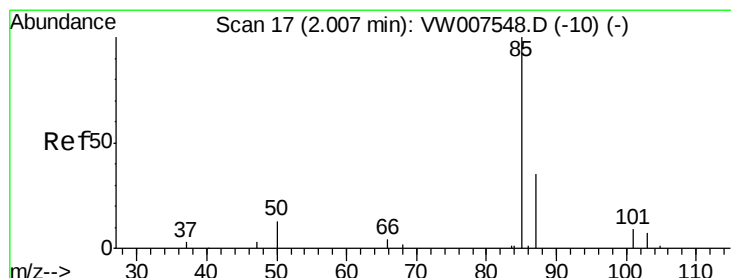
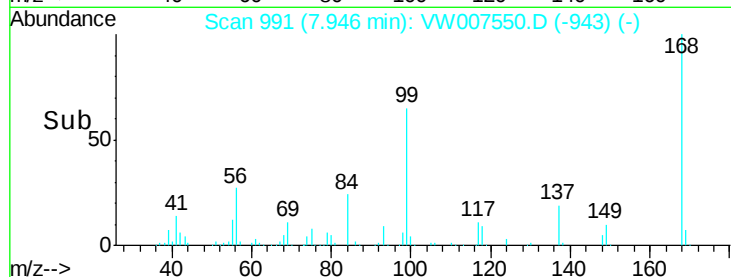
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 22.759 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007550.D

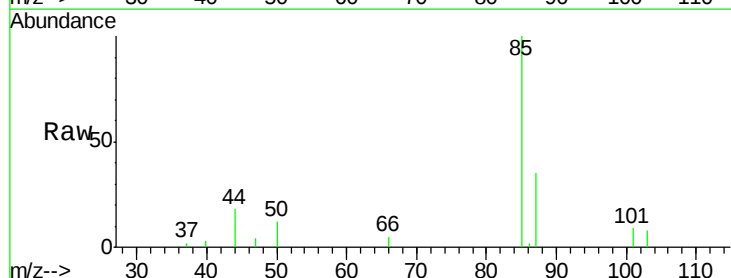
Acq: 14 Dec 2018 23:46

Tgt Ion: 85 Resp: 12731

Ion Ratio Lower Upper

85 100

87 34.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW007548.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW007548.D (-10) (-)

2.01

4000

3000

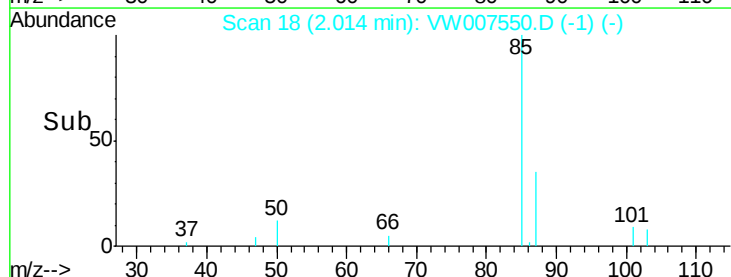
2000

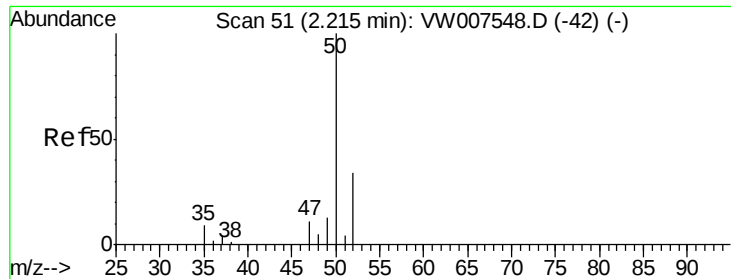
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 22.171 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 50 Resp: 10387

Ion Ratio Lower Upper

50 100

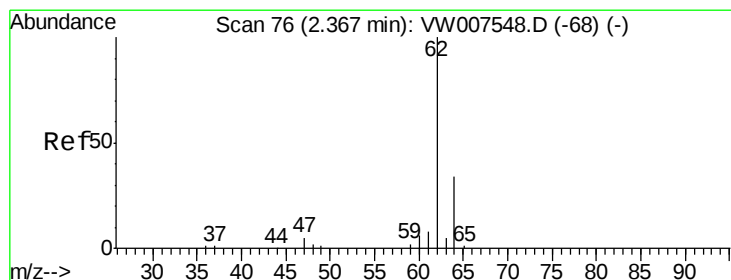
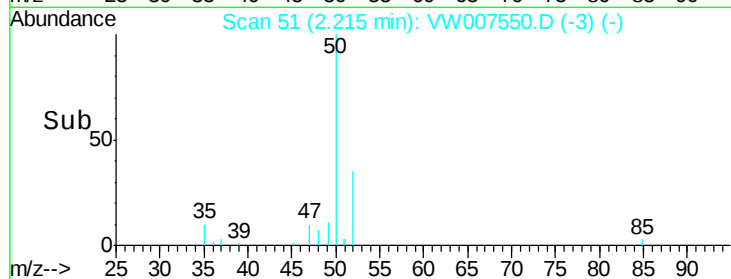
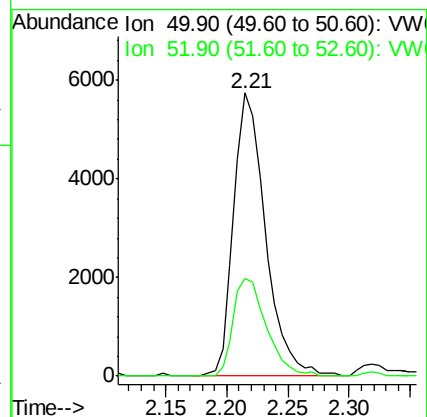
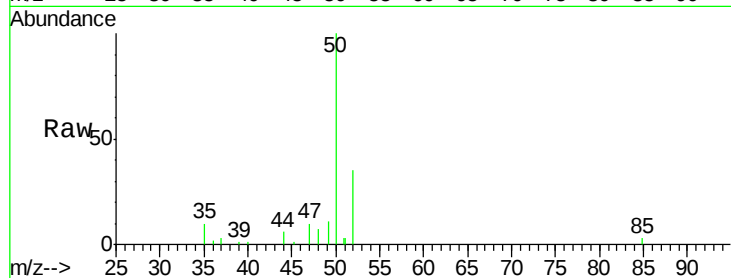
52 34.6 27.4 41.0

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#4

Vinyl Chloride

Concen: 23.639 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007550.D

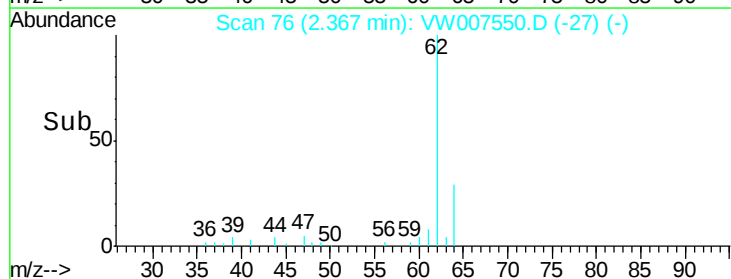
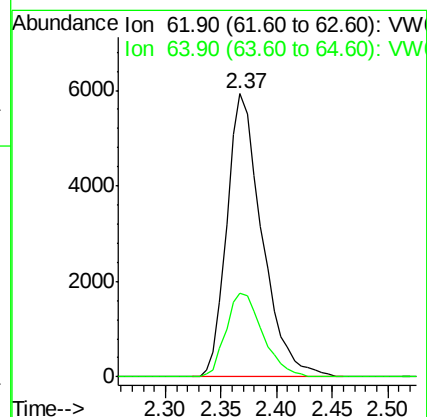
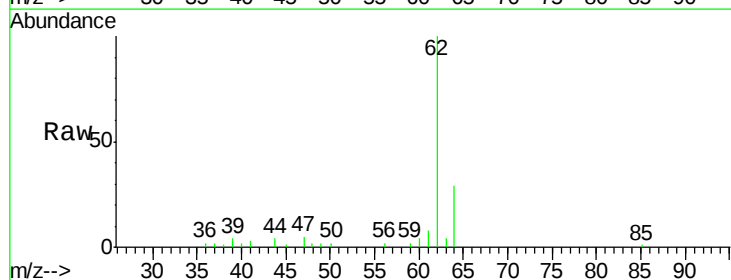
Acq: 14 Dec 2018 23:46

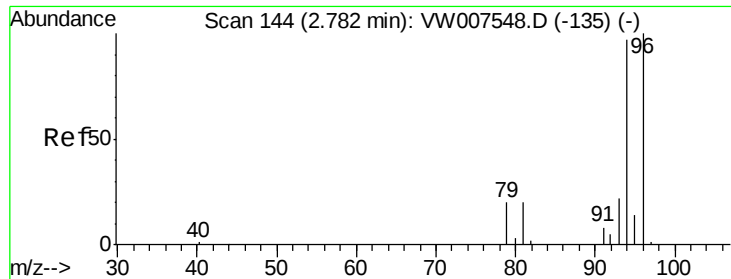
Tgt Ion: 62 Resp: 12996

Ion Ratio Lower Upper

62 100

64 29.4 24.6 37.0





#5

Bromomethane

Concen: 22.372 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 94 Resp: 8264

Ion Ratio Lower Upper

94 100

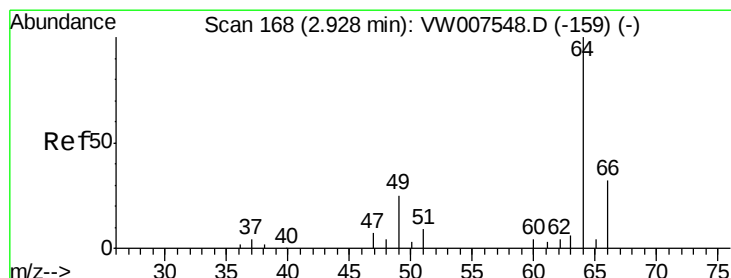
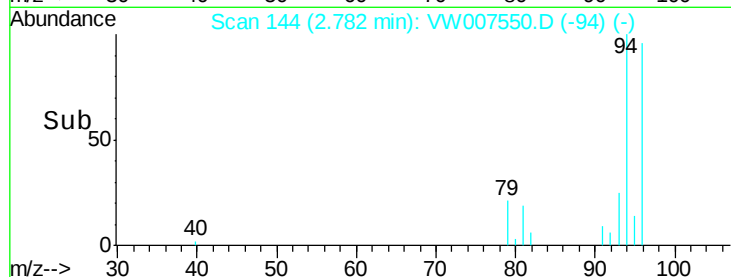
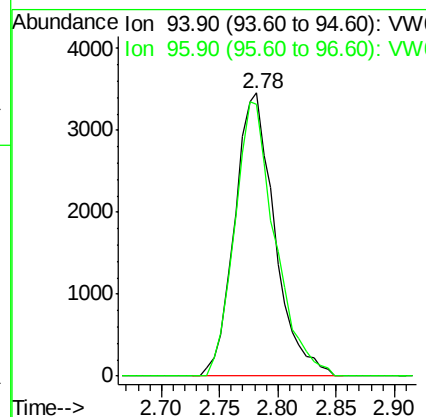
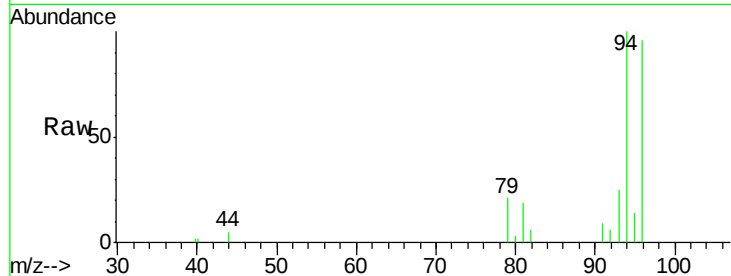
96 96.2 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 23.015 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007550.D

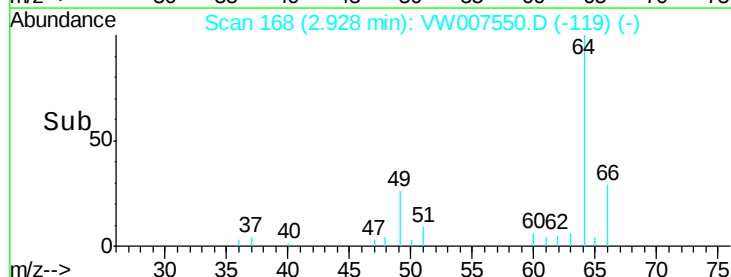
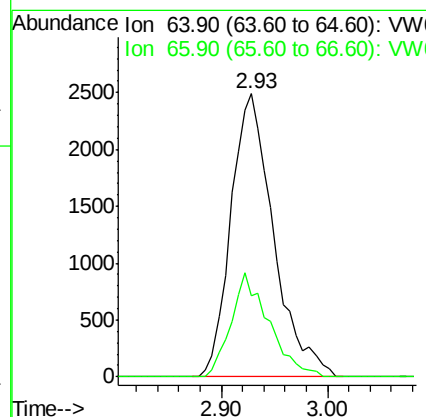
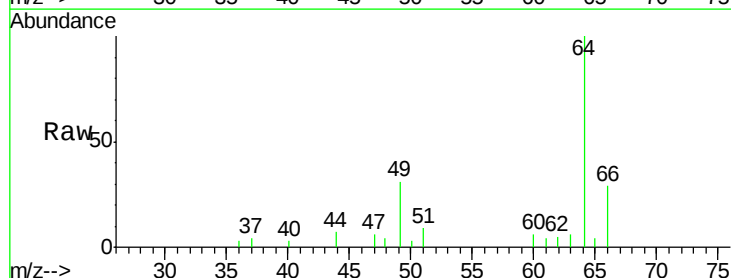
Acq: 14 Dec 2018 23:46

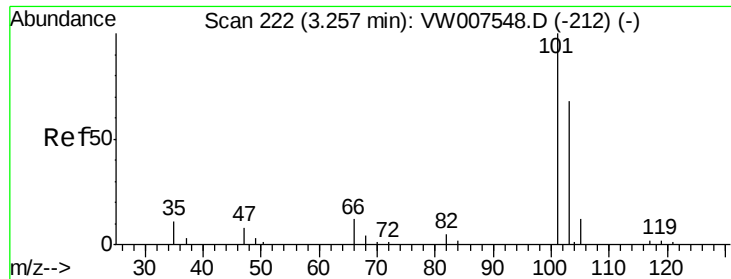
Tgt Ion: 64 Resp: 6965

Ion Ratio Lower Upper

64 100

66 28.6 24.6 37.0





#7

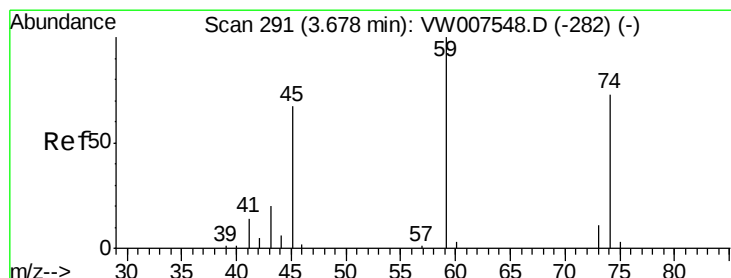
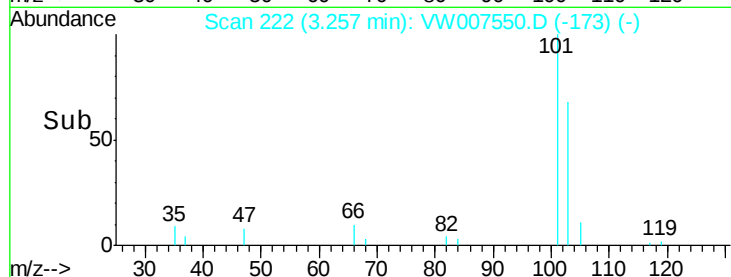
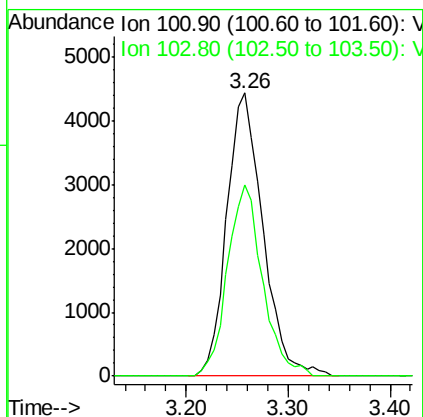
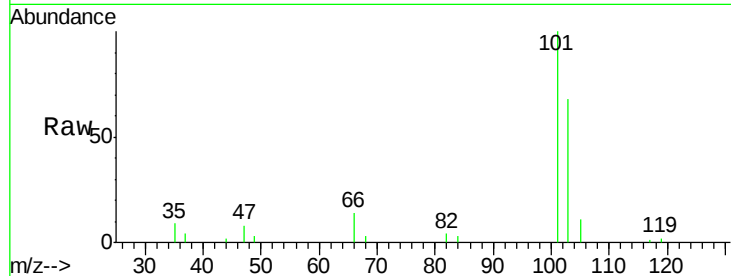
Trichlorofluoromethane
 Concen: 22.046 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

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Tgt Ion: 101 Resp: 10897
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.7 77.5

Manual Integrations
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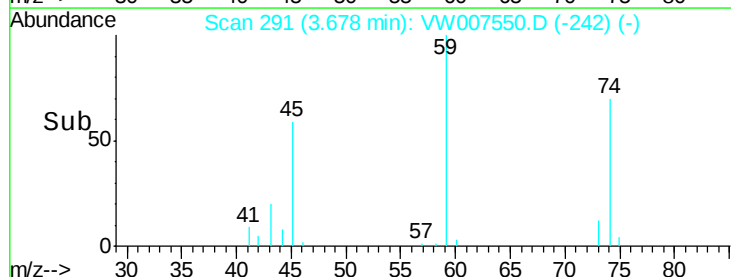
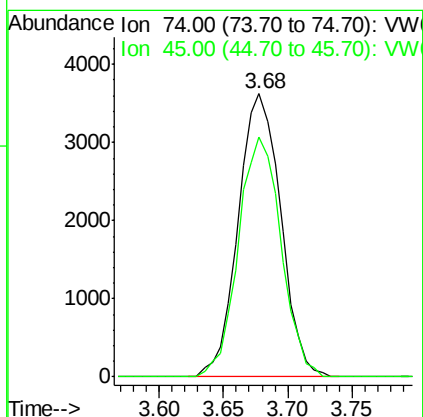
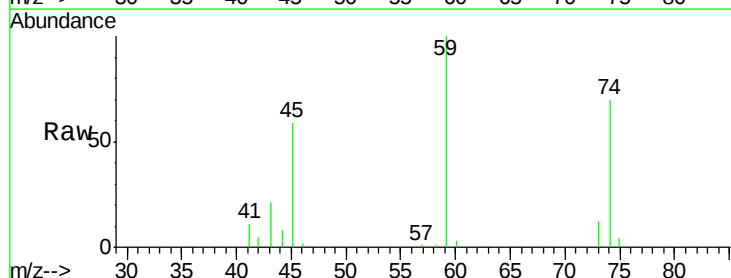
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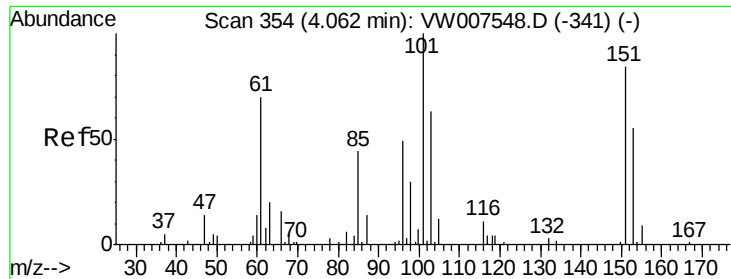


#8

Diethyl Ether
 Concen: 21.444 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007550.D
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Tgt Ion: 74 Resp: 8296
 Ion Ratio Lower Upper
 74 100
 45 84.9 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.865 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007550.D

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Instrument :

MSVOA_W

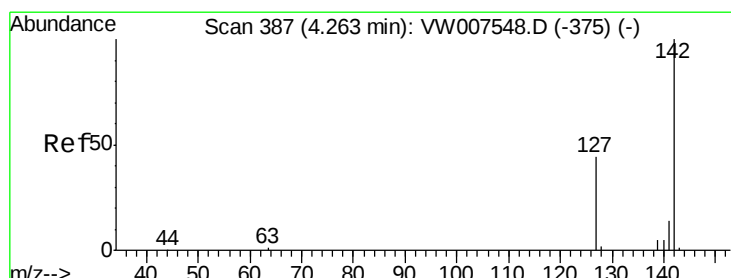
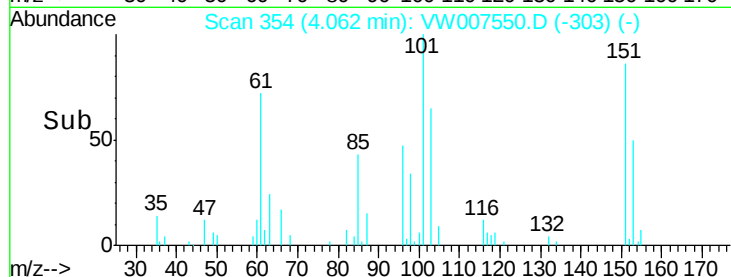
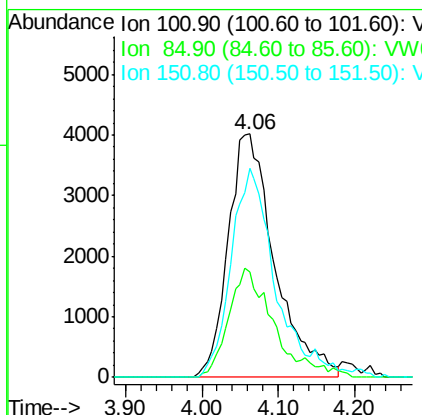
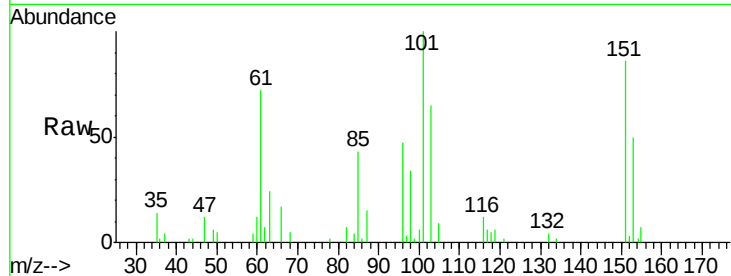
ClientSampleId :

VW1217SBS02

Tgt Ion:	101	Resp:	17017
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	81.6	63.7	95.5

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#10

Methyl Iodide

Concen: 21.574 ug/l

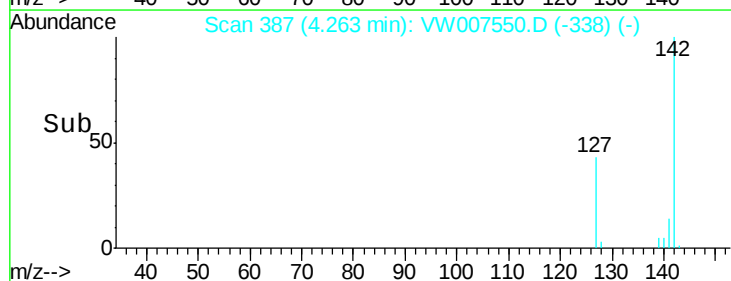
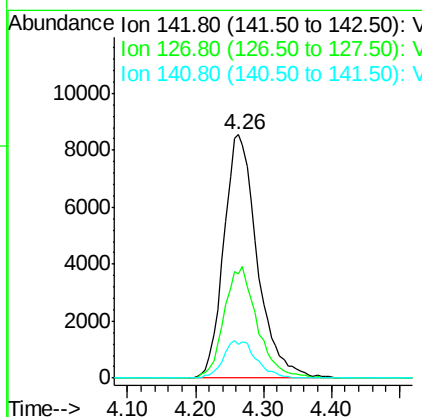
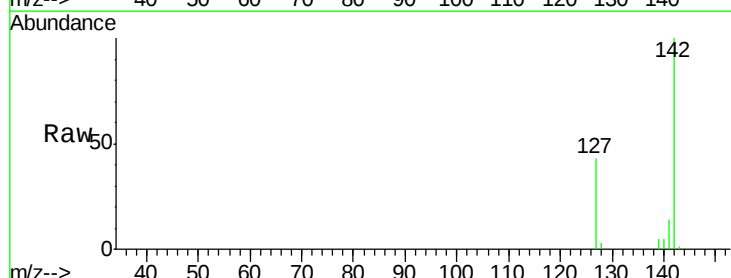
RT: 4.26 min Scan# 387

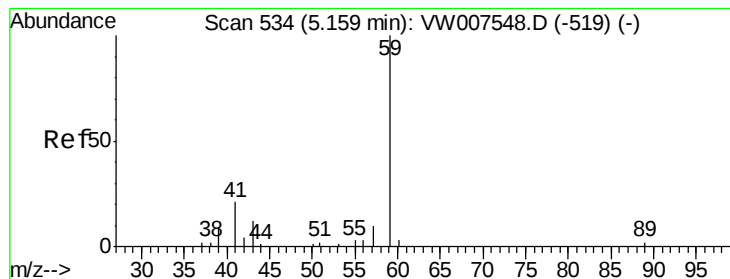
Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Tgt Ion:	142	Resp:	29142
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.8	53.6
141	15.0	11.1	16.7





#11

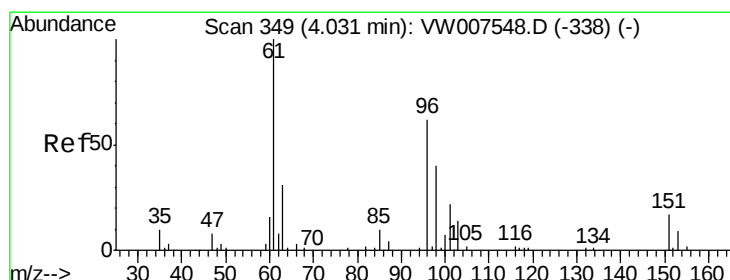
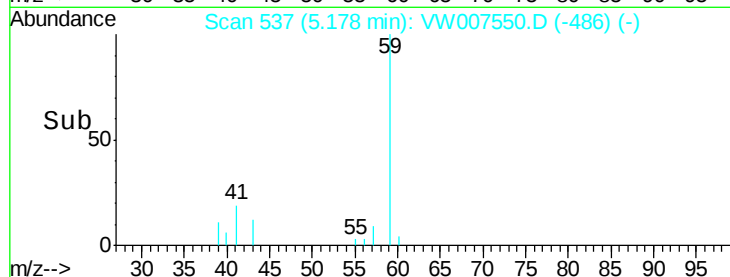
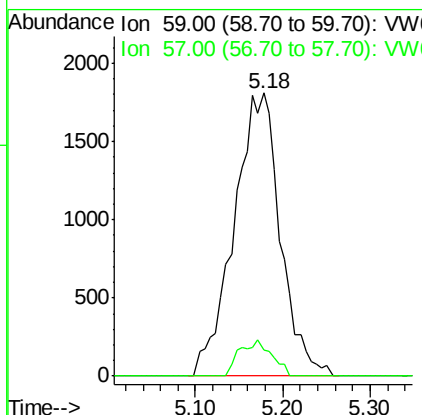
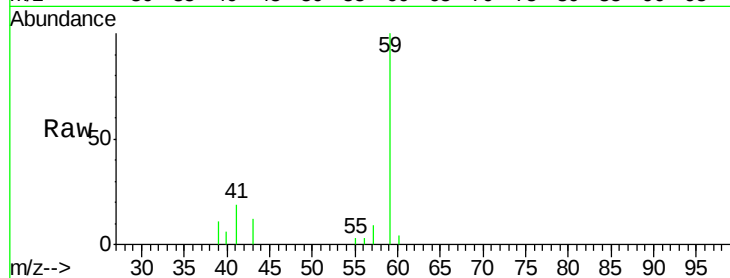
Tert butyl alcohol
 Concen: 109.228 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.6	11.4

Manual Integrations
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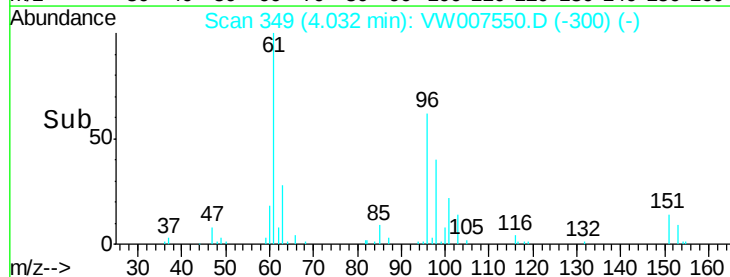
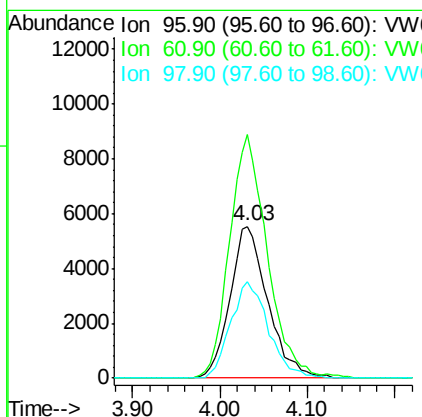
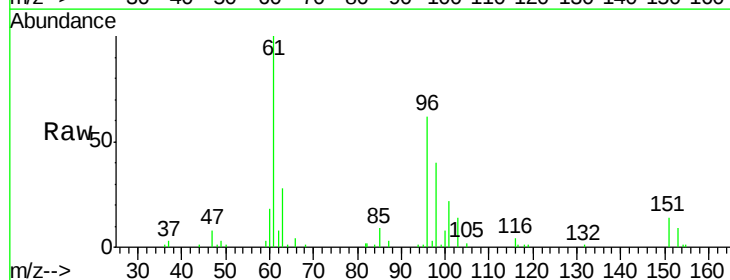
apatel
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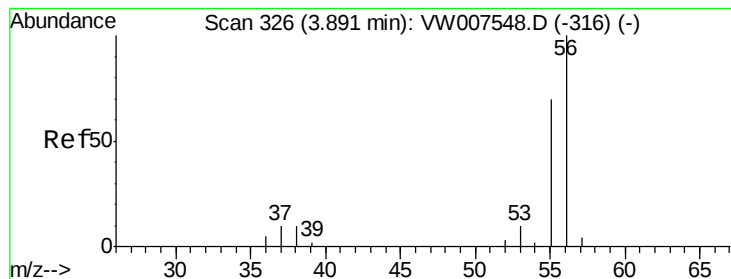


#12

1,1-Dichloroethene
 Concen: 21.110 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	126.2	189.2
98	63.4	48.3	72.5





#13

Acrolein

Concen: 108.455 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 56 Resp: 4377

Ion Ratio Lower Upper

56 100

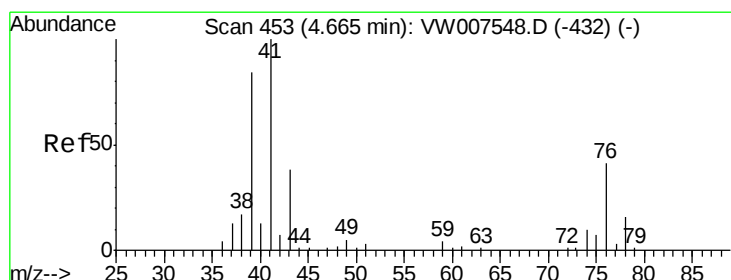
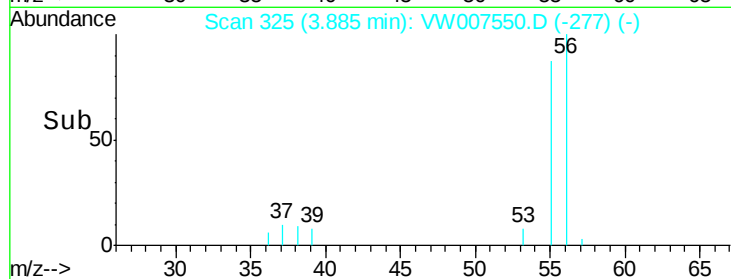
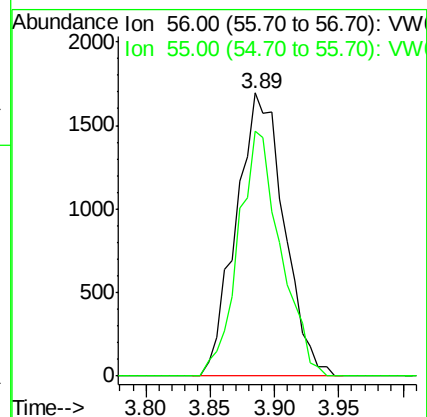
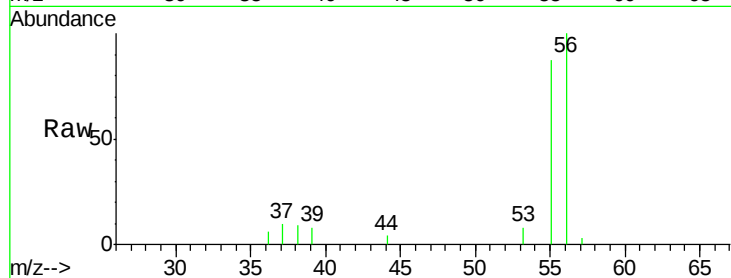
55 76.6 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.775 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

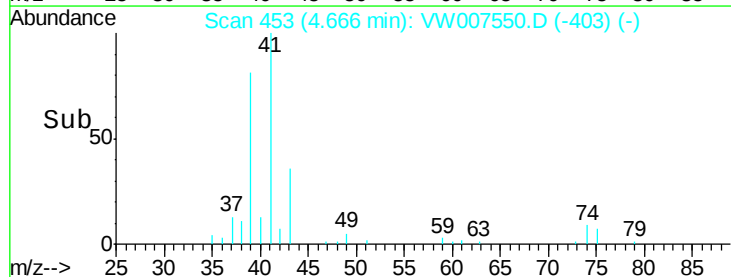
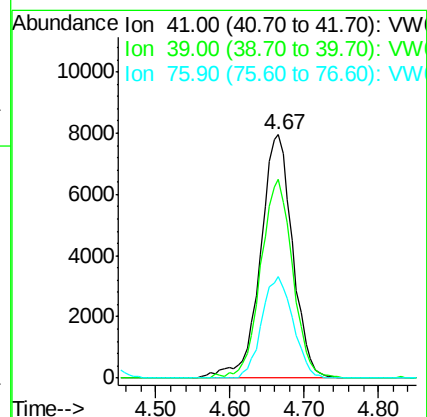
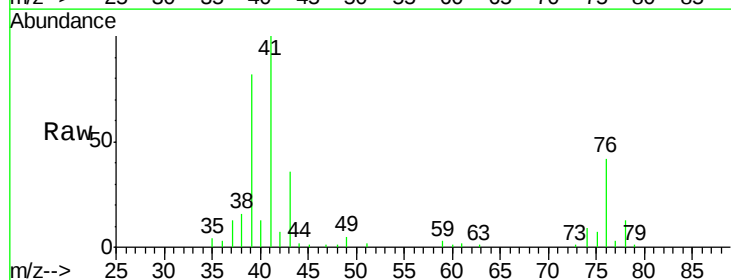
Tgt Ion: 41 Resp: 24046

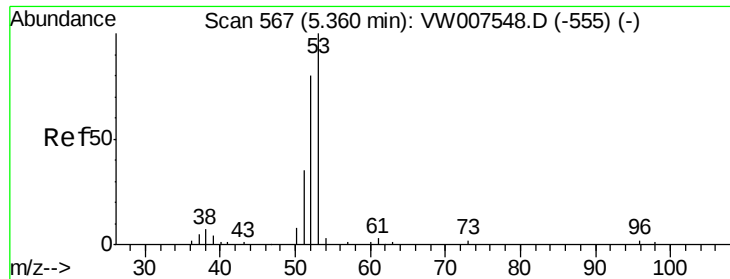
Ion Ratio Lower Upper

41 100

39 81.3 63.4 95.2

76 40.4 32.1 48.1





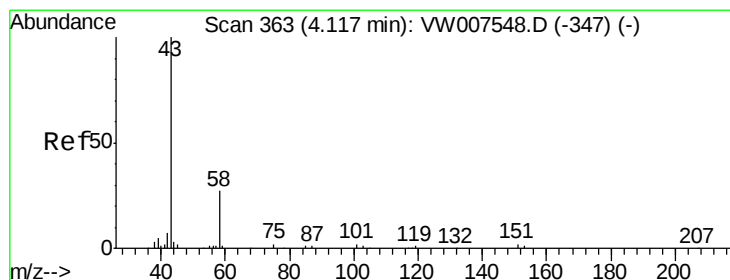
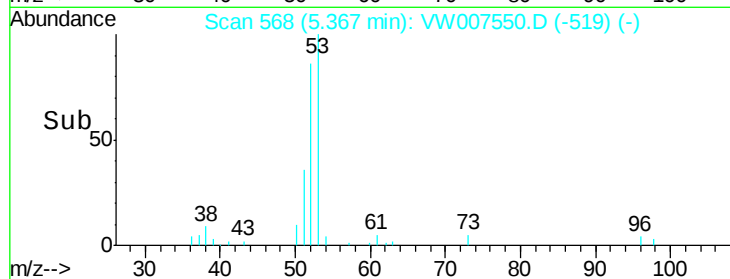
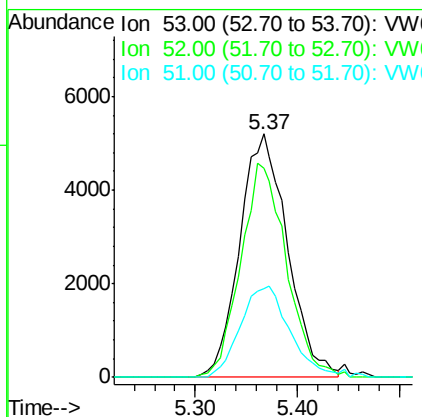
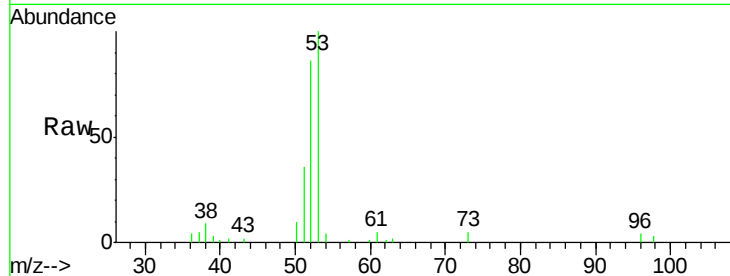
#15
Acrylonitrile
Concen: 103.388 ug/l
RT: 5.37 min Scan# 568
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.2
51	39.4	30.2	45.2

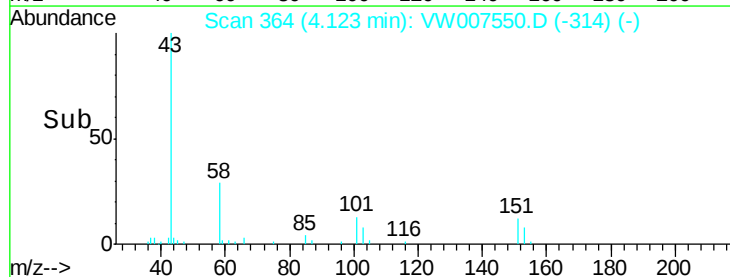
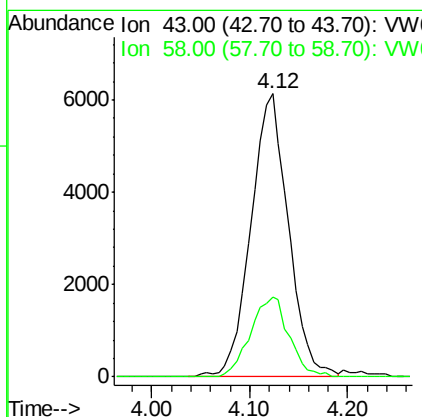
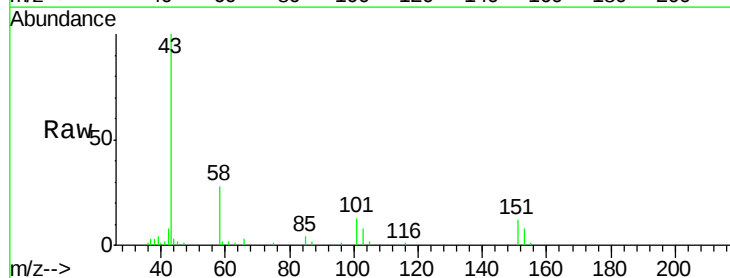
Manual Integrations
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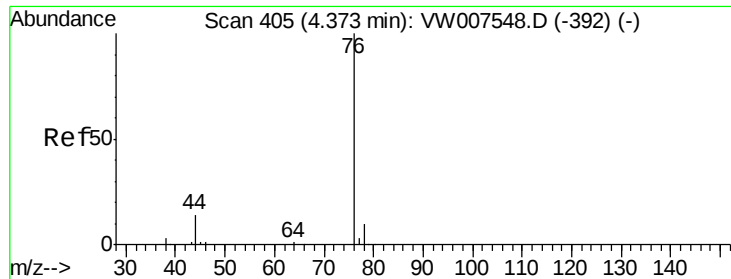
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#16
Acetone
Concen: 105.261 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.9	37.3





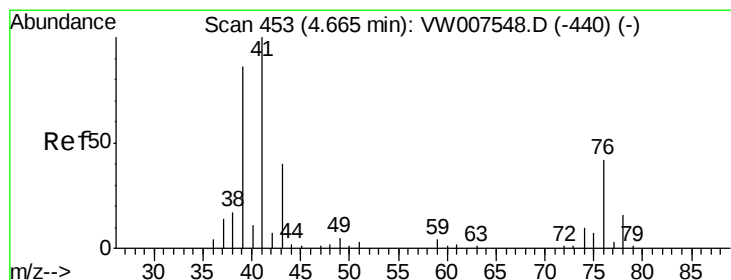
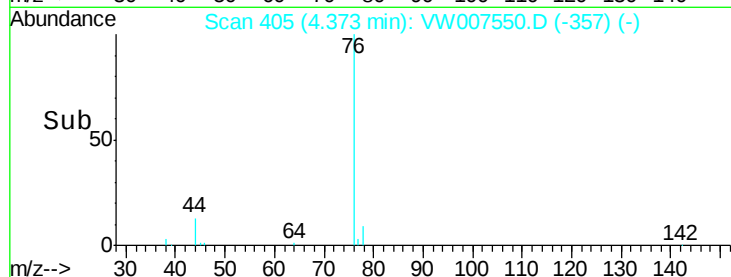
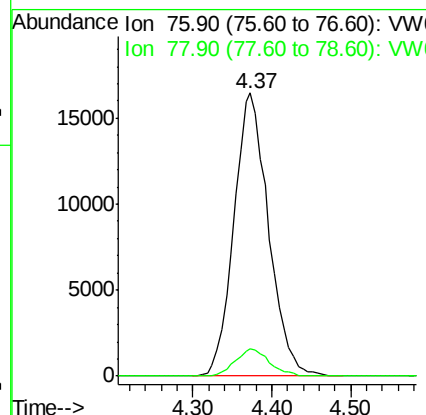
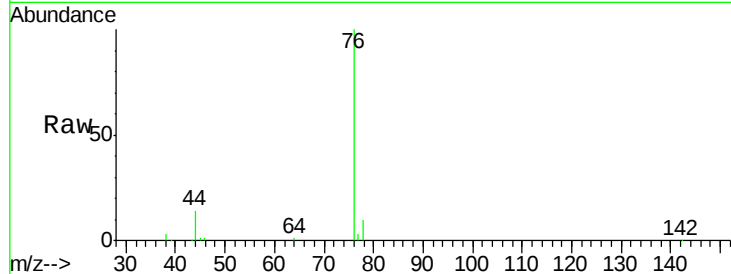
#17
Carbon Disulfide
Concen: 21.132 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion: 76 Resp: 50313
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

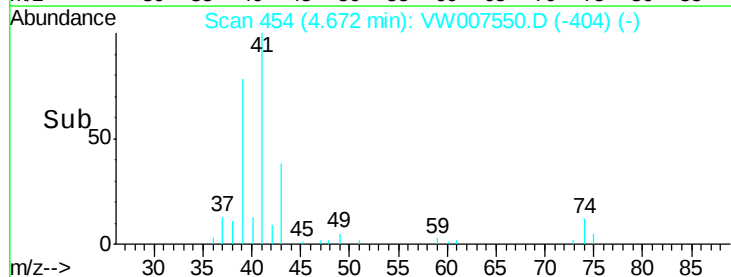
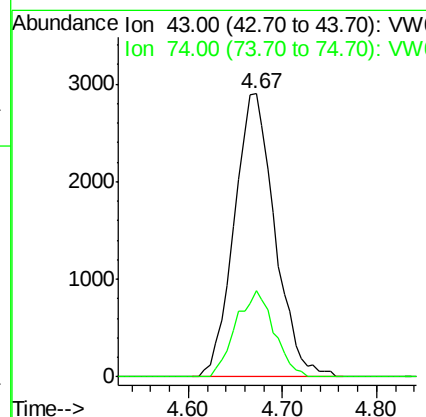
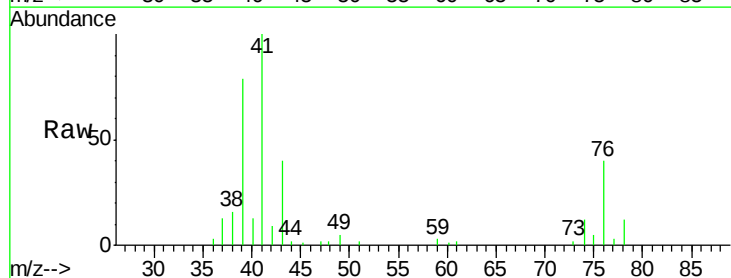
Manual Integrations
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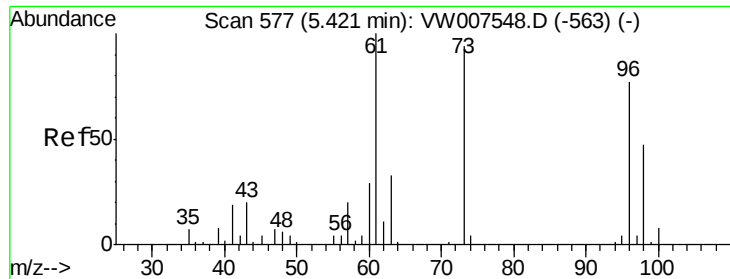
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#18
Methyl Acetate
Concen: 20.748 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 43 Resp: 8735
Ion Ratio Lower Upper
43 100
74 28.5 21.1 31.7





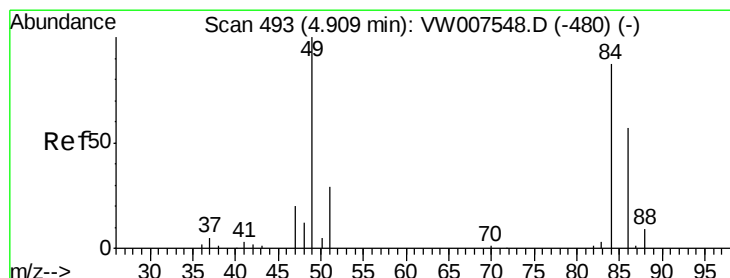
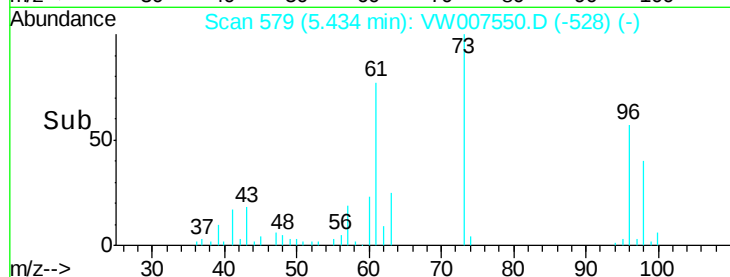
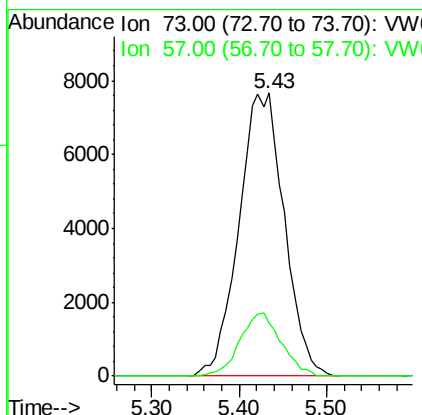
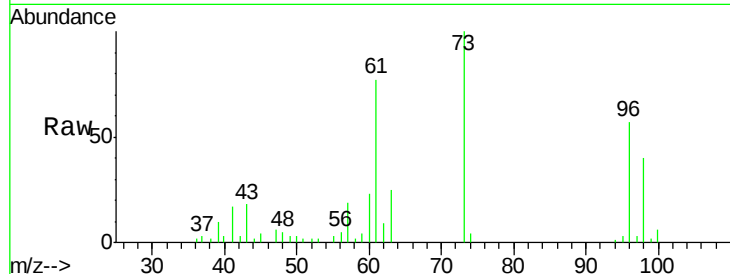
#19
Methyl tert-butyl Ether
Concen: 23.263 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion: 73 Resp: 27557
Ion Ratio Lower Upper
73 100
57 18.5 16.4 24.6

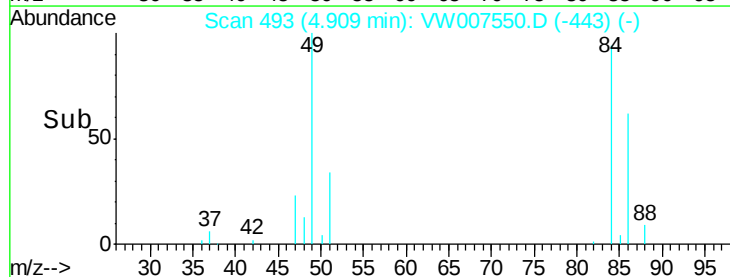
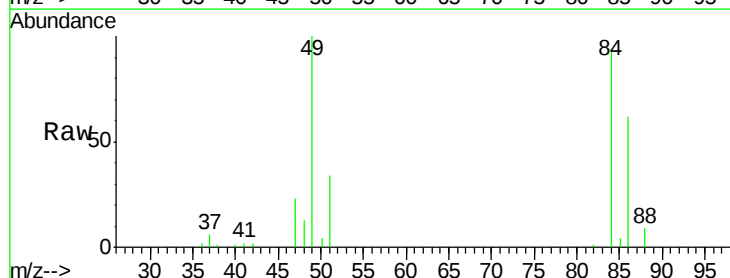
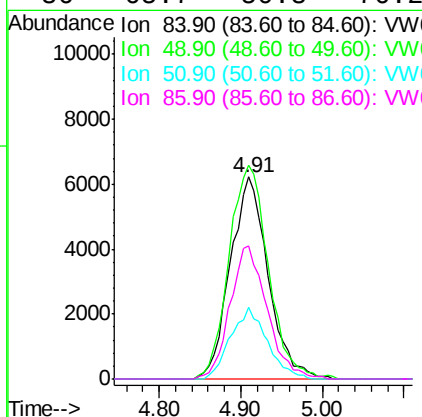
Manual Integrations
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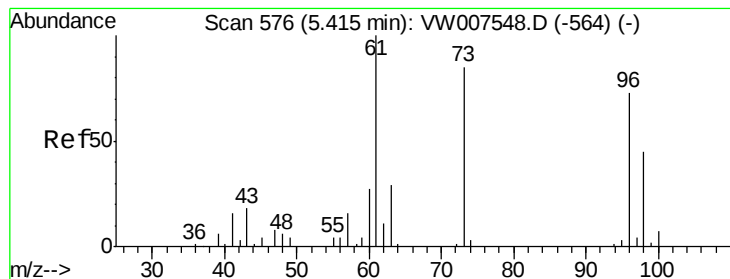
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#20
Methylene Chloride
Concen: 21.397 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 84 Resp: 20052
Ion Ratio Lower Upper
84 100
49 105.9 87.1 130.7
51 35.8 28.2 42.2
86 65.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.848 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

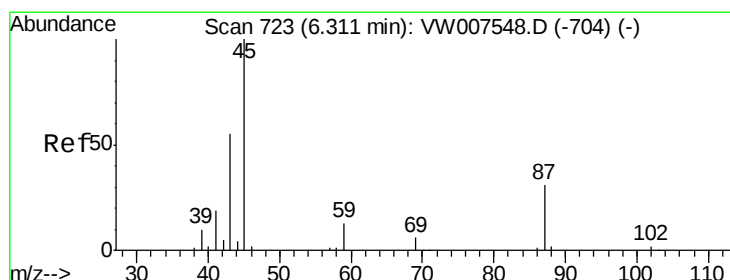
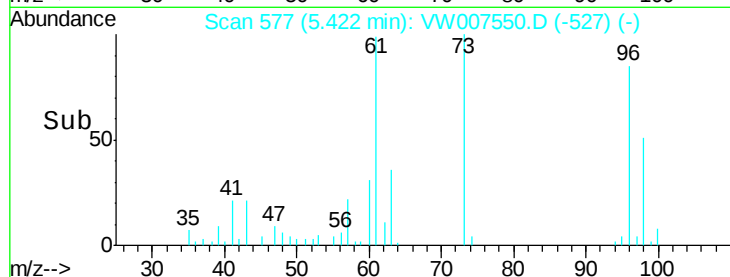
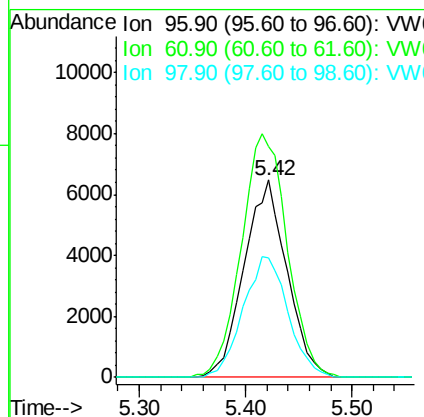
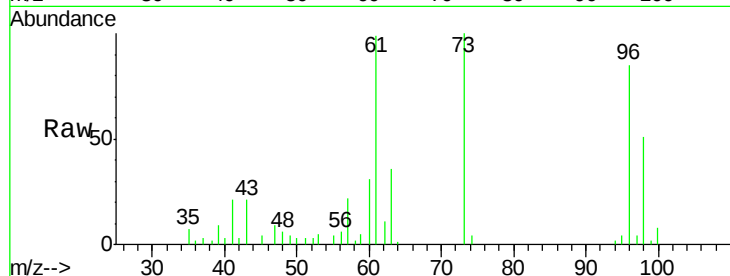
ClientSampleId :

VW1217SBS02

Tgt Ion:	96	Resp:	18313
Ion	Ratio	Lower	Upper
96	100		
61	117.1	105.0	157.6
98	60.5	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.019 ug/l

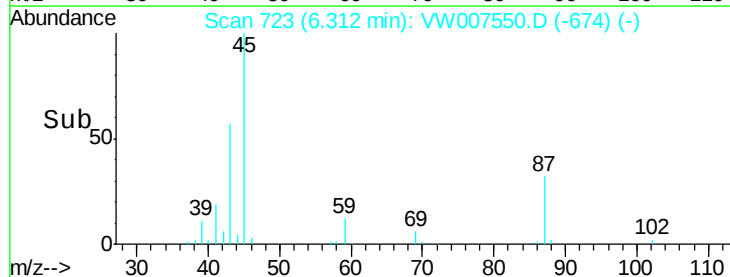
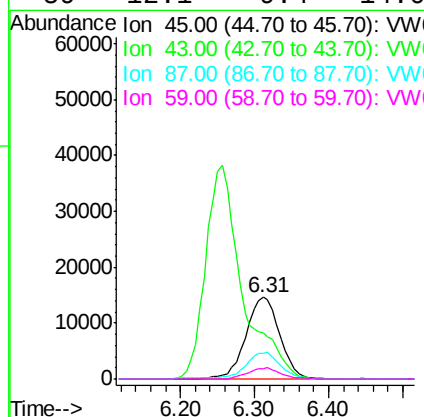
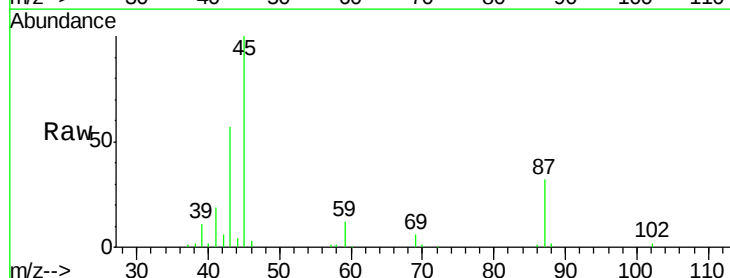
RT: 6.31 min Scan# 723

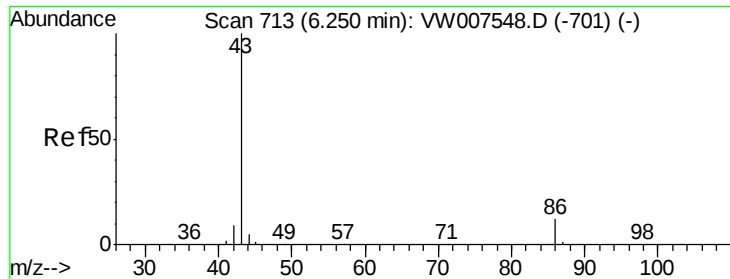
Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Tgt Ion:	45	Resp:	46763
Ion	Ratio	Lower	Upper
45	100		
43	56.7	41.6	62.4
87	31.9	24.3	36.5
59	12.1	9.4	14.0





#23

Vinyl Acetate

Concen: 104.957 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 43 Resp: 130610

Ion Ratio Lower Upper

43 100

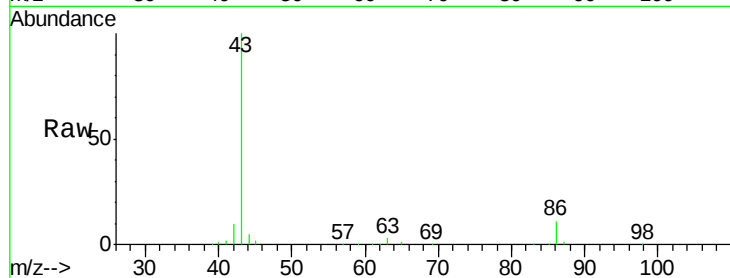
86 11.2 8.6 12.8

Manual Integrations

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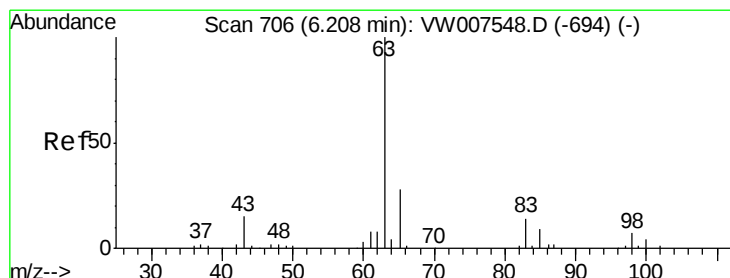
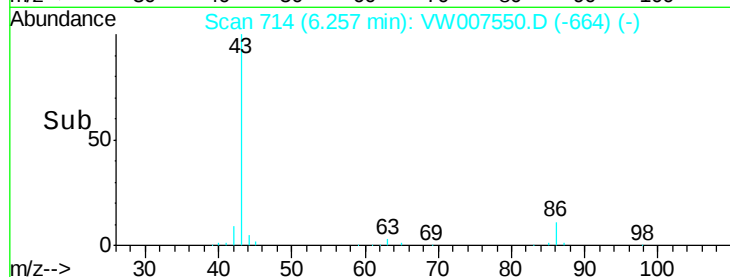
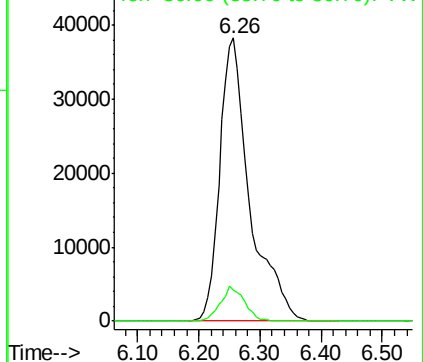
apatel

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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: 20.719 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

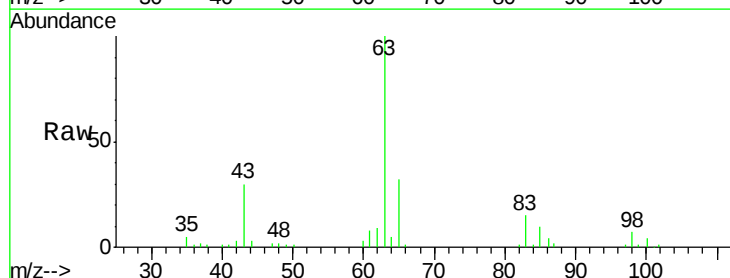
Tgt Ion: 63 Resp: 31155

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

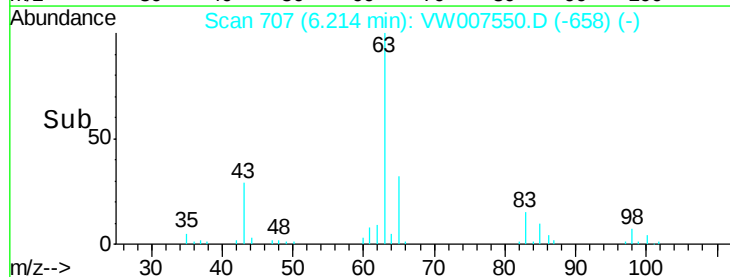
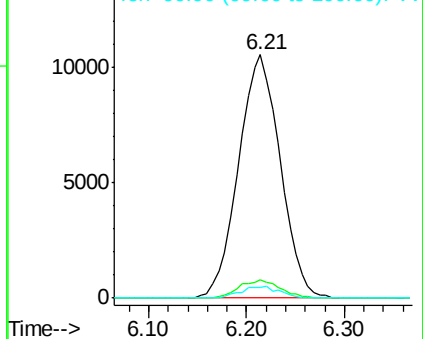
100 4.3 2.5 7.5

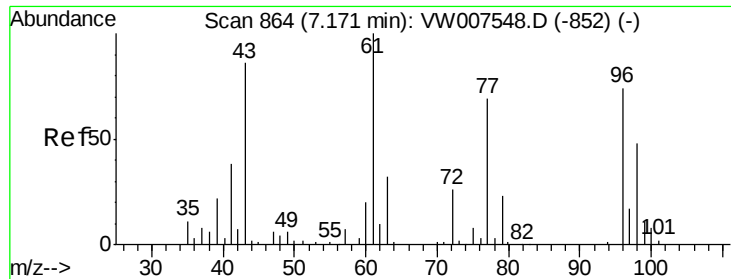


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





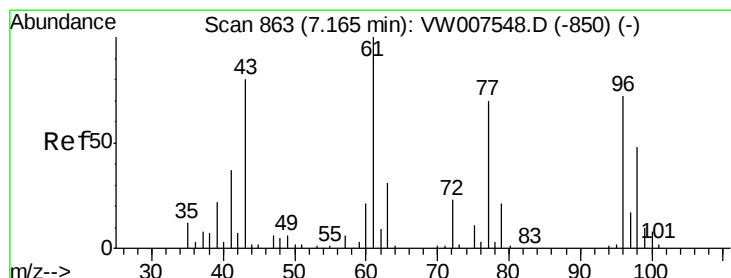
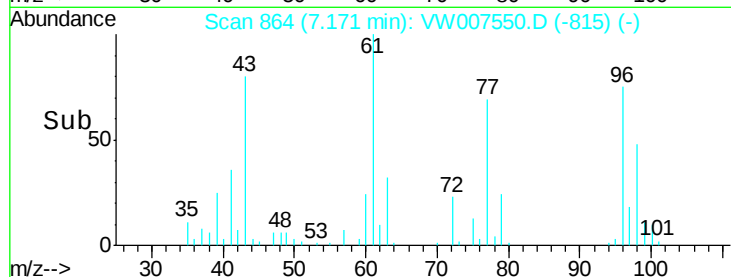
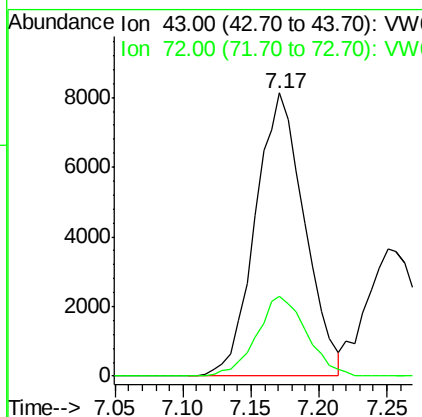
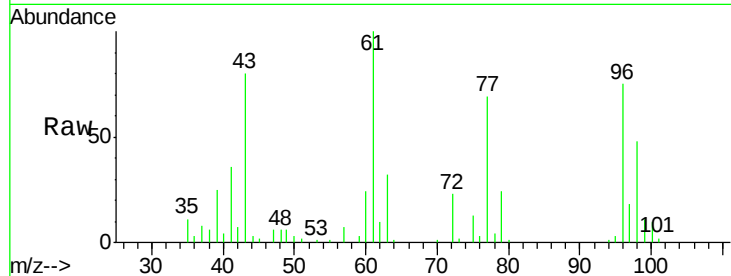
#25
2-Butanone
Concen: 101.527 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion: 43 Resp: 20560
Ion Ratio Lower Upper
43 100
72 28.2 23.4 35.2

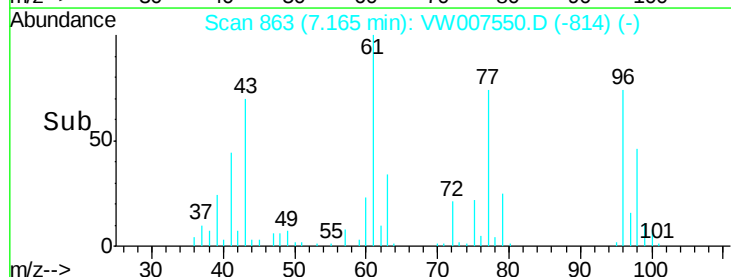
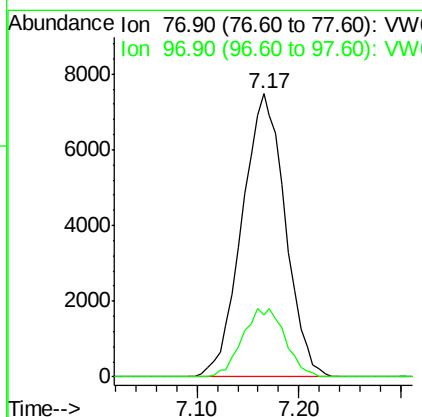
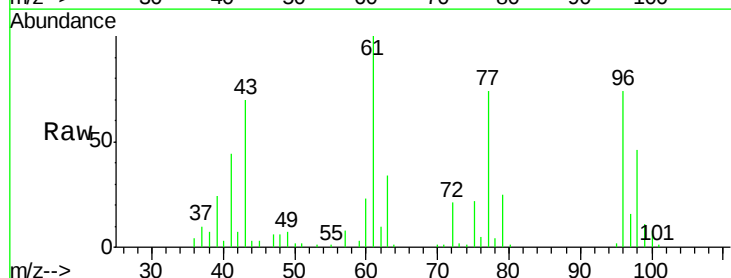
Manual Integrations
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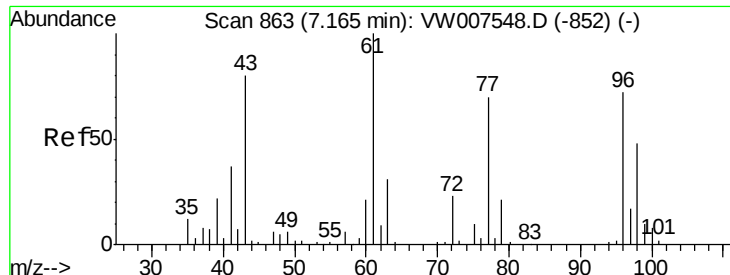
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#26
2,2-Dichloropropane
Concen: 22.105 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 77 Resp: 21998
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.8





#27

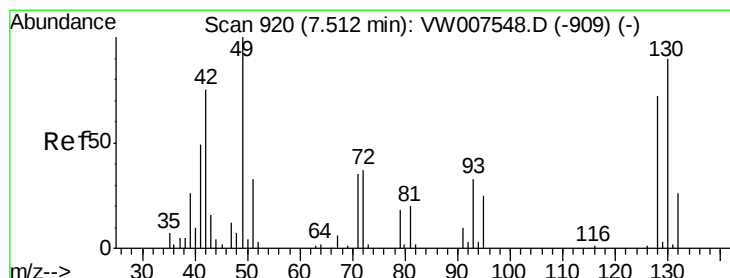
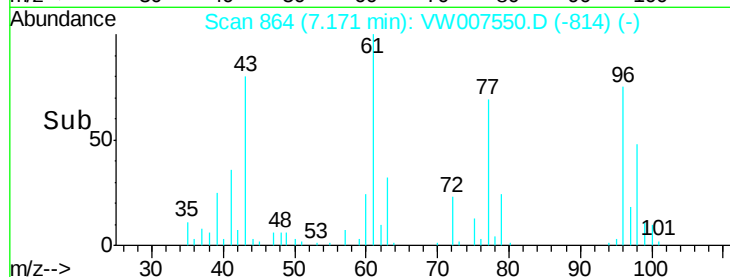
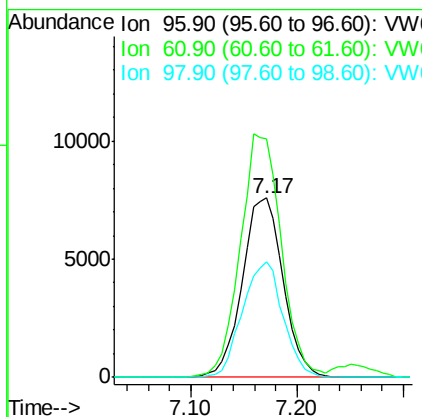
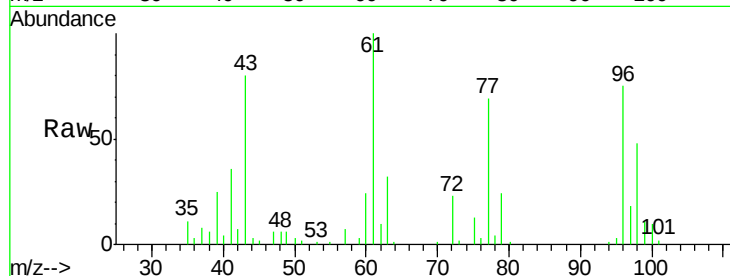
cis-1,2-Dichloroethene
Concen: 21.212 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	268.4
98	64.1	0.0	127.8

Manual Integrations
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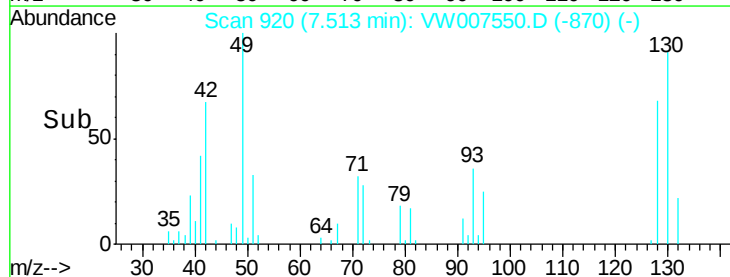
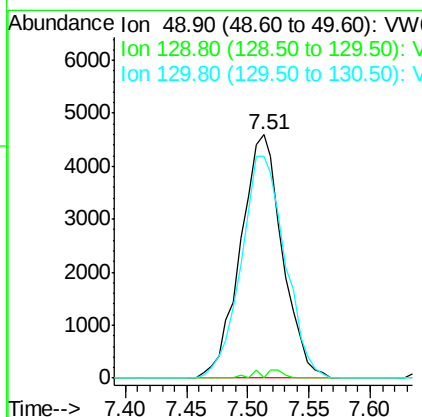
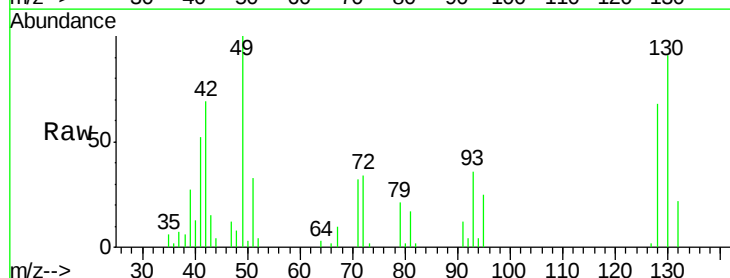
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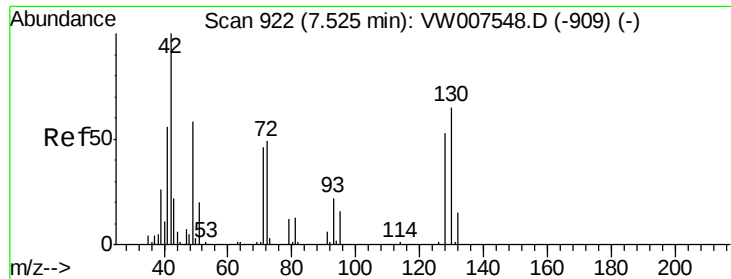


#28

Bromochloromethane
Concen: 19.415 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.6
130	95.2	75.9	113.9





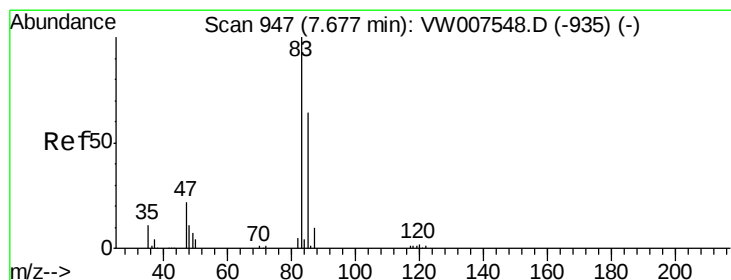
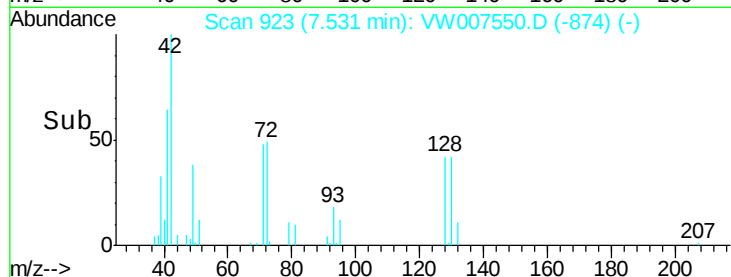
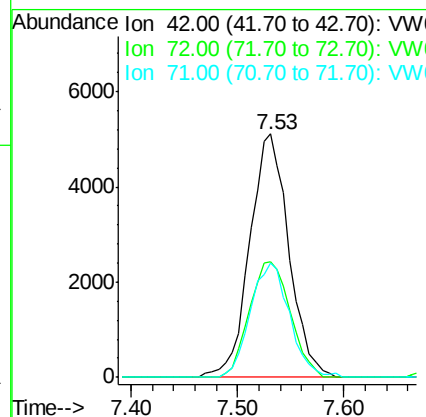
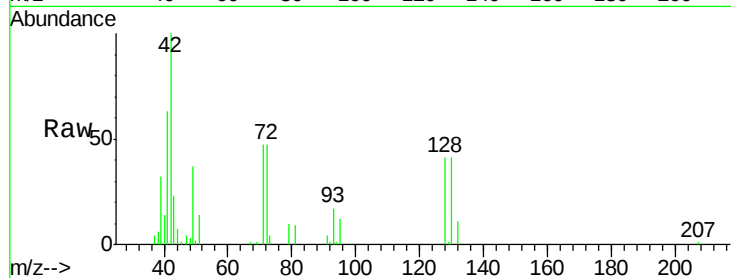
#29
Tetrahydrofuran
Concen: 102.518 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.7	38.2	57.4
71	47.1	35.5	53.3

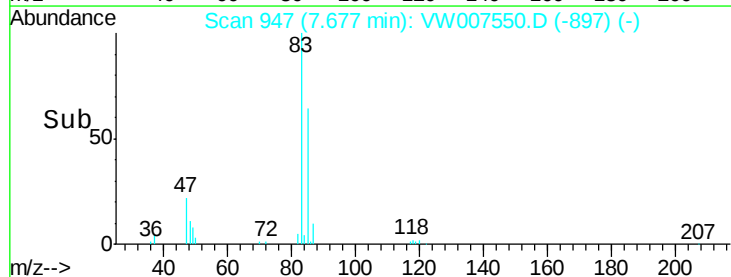
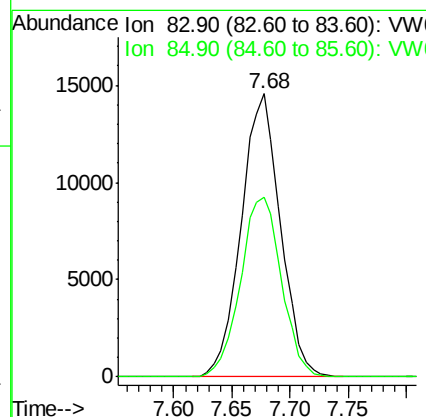
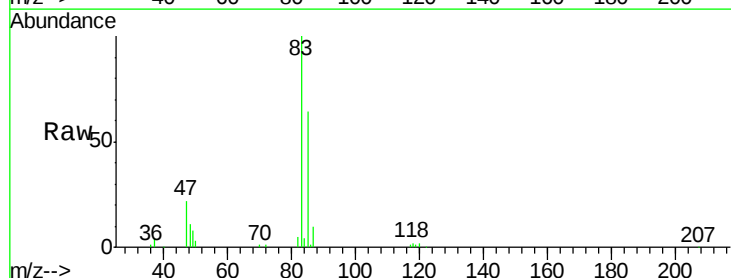
Manual Integrations
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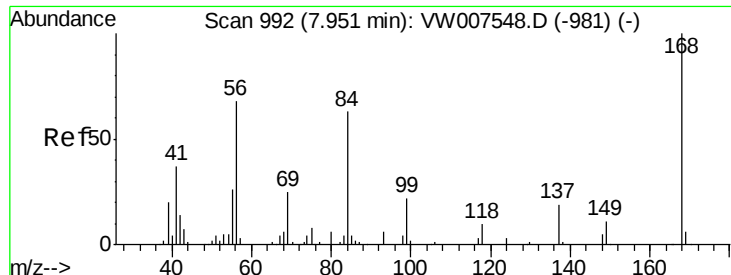
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#30
Chloroform
Concen: 20.864 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.8





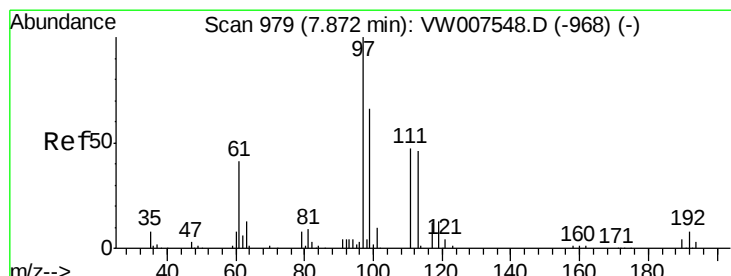
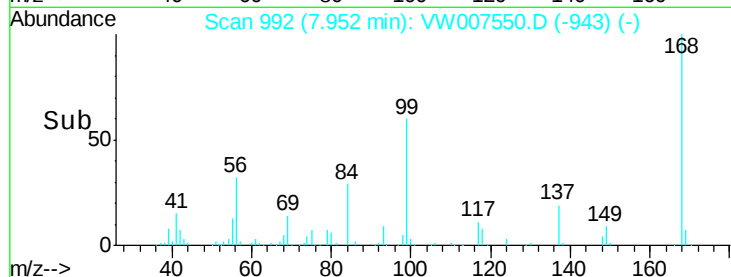
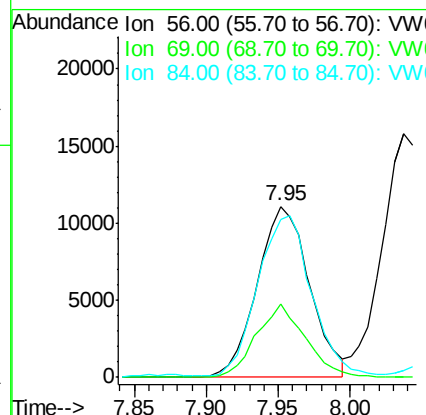
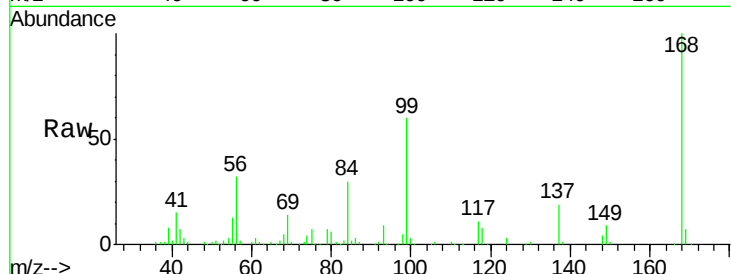
#31
Cyclohexane
Concen: 20.252 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	43.1	28.9	43.3
84	91.8	71.8	107.6

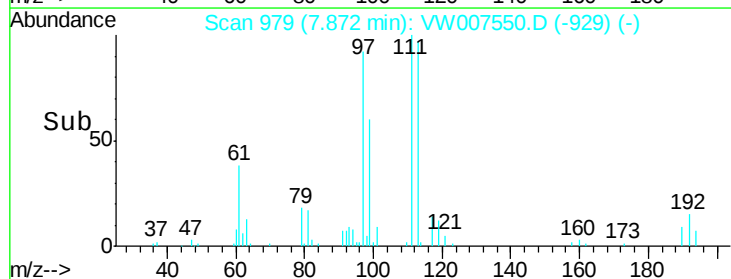
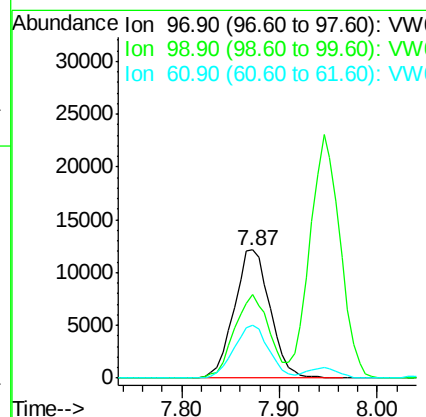
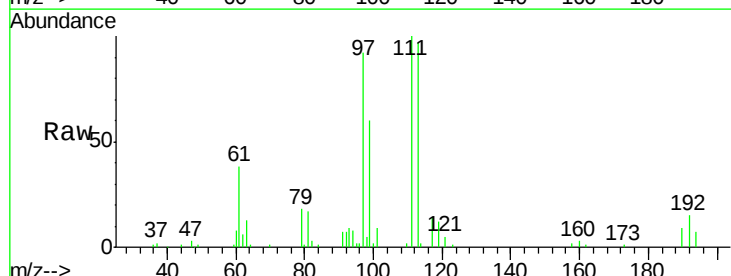
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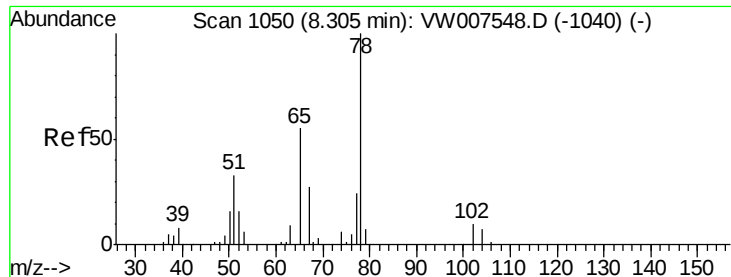
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#32
1,1,1-Trichloroethane
Concen: 21.527 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	40.3	33.2	49.8





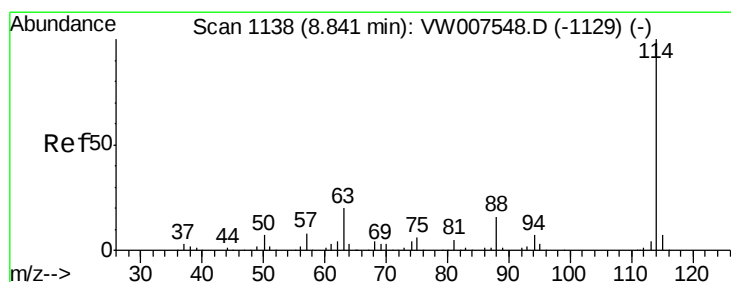
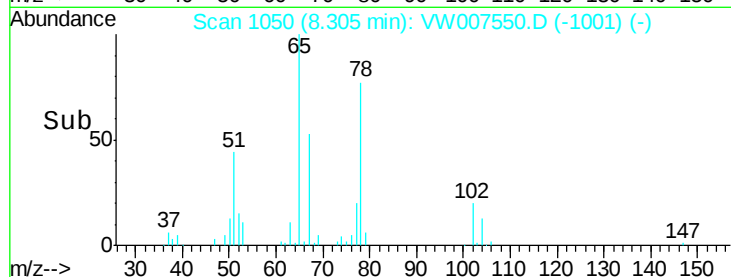
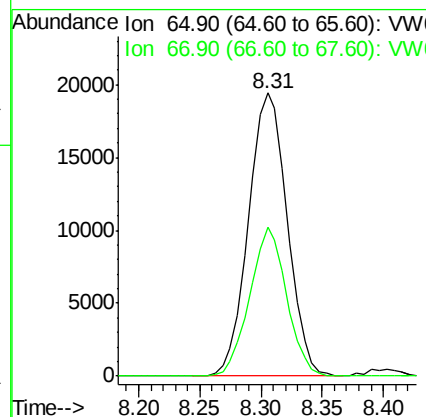
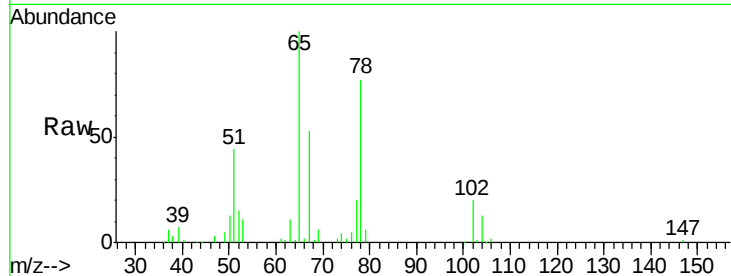
#33
 1,2-Dichloroethane-d4
 Concen: 48.253 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion: 65 Resp: 42852
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.6

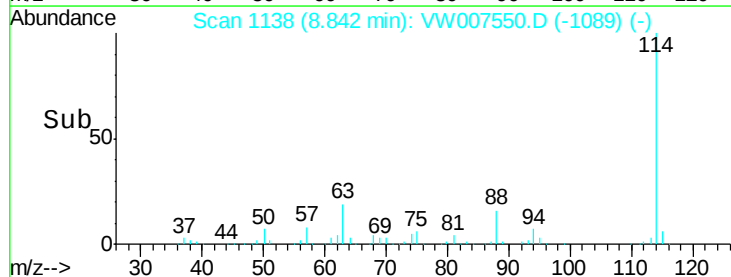
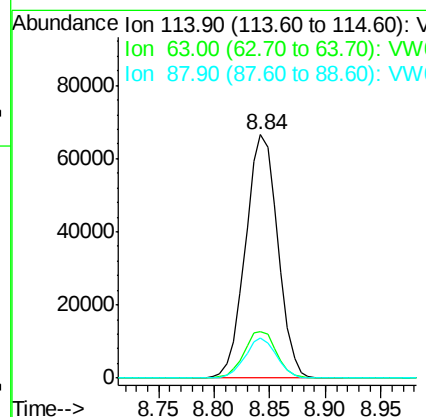
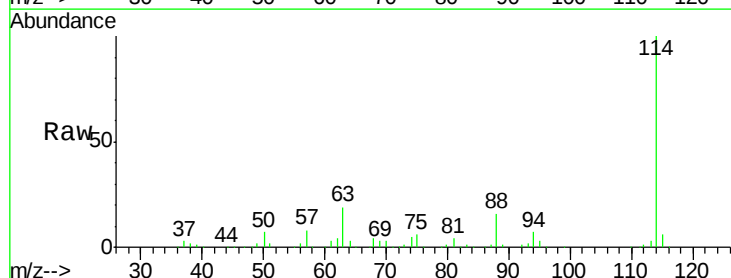
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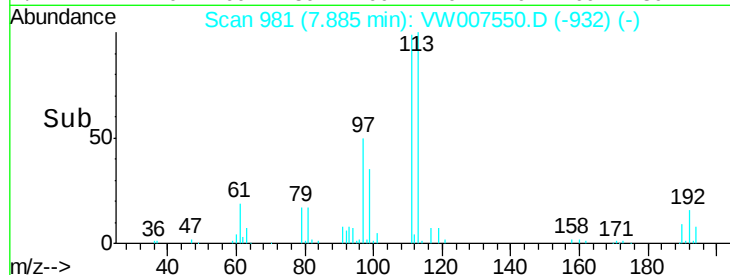
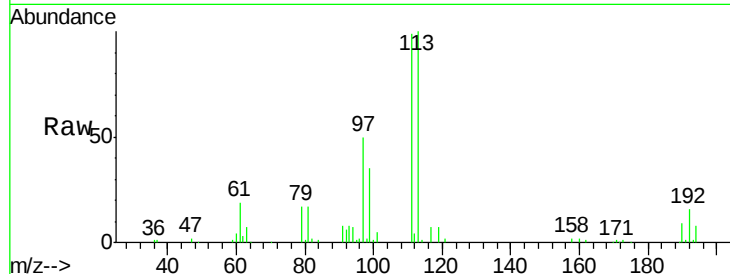
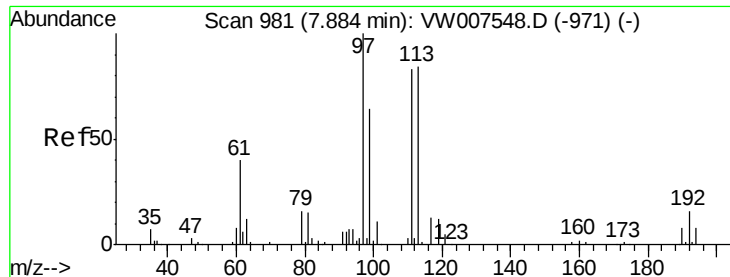
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion: 114 Resp: 134120
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 16.3 0.0 31.4





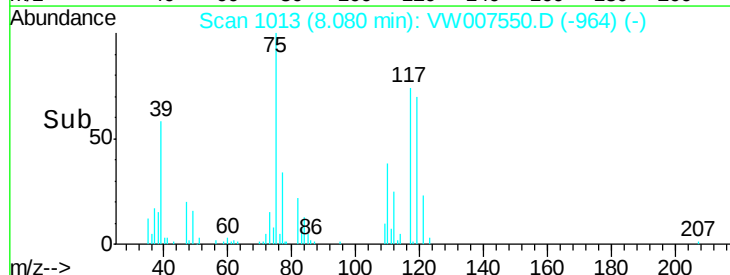
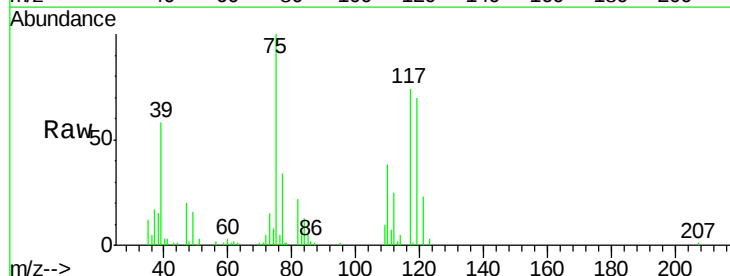
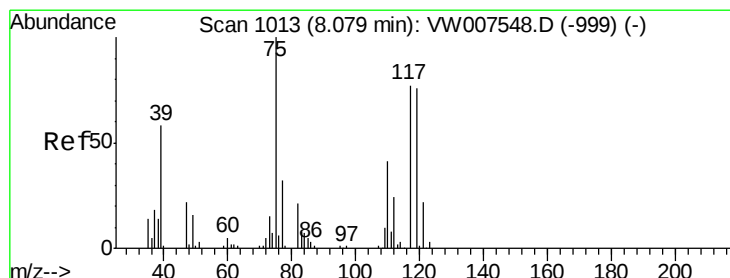
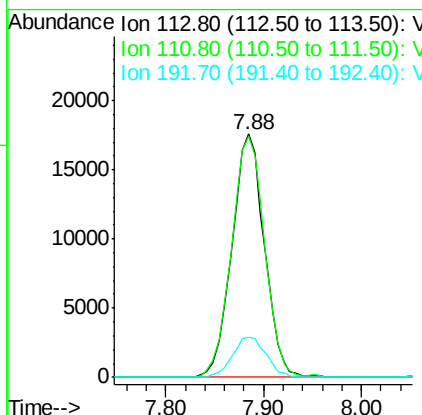
#35
Dibromofluoromethane
Concen: 49.879 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 113 Resp: 40496
Ion Ratio Lower Upper
113 100
111 101.3 81.1 121.7
192 17.2 14.6 21.8

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

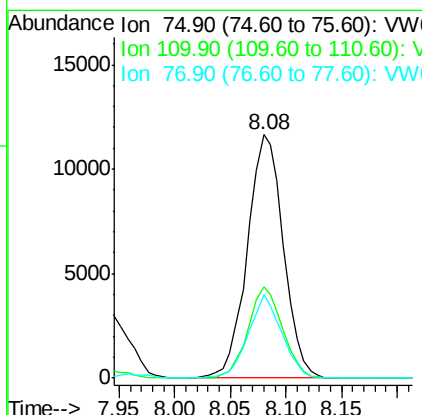
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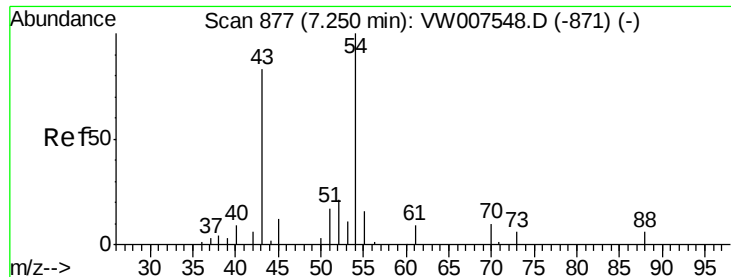
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#36
1,1-Dichloropropene
Concen: 21.484 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 75 Resp: 26285
Ion Ratio Lower Upper
75 100
110 35.9 18.5 55.5
77 31.6 25.6 38.4





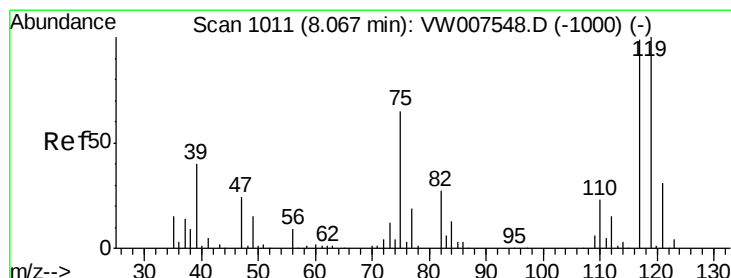
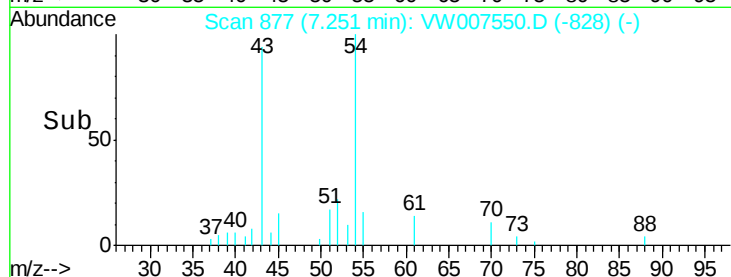
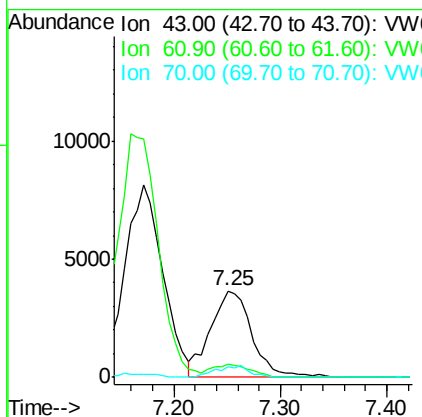
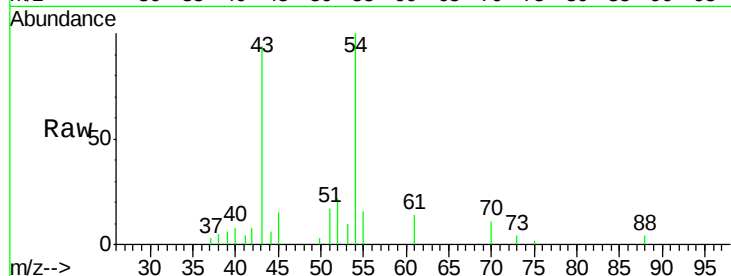
#37
Ethyl Acetate
Concen: 21.657 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion: 43 Resp: 9855
Ion Ratio Lower Upper
43 100
61 13.4 12.1 18.1
70 11.1 10.0 15.0

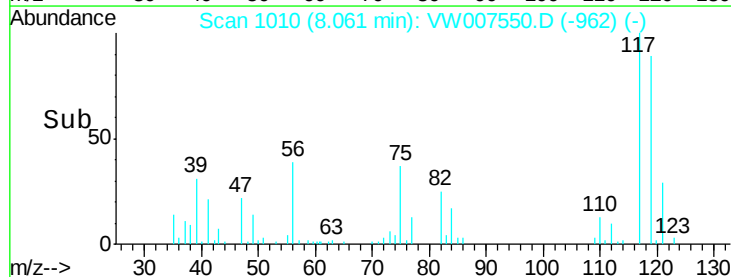
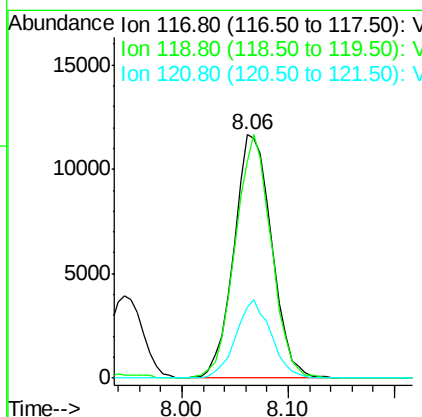
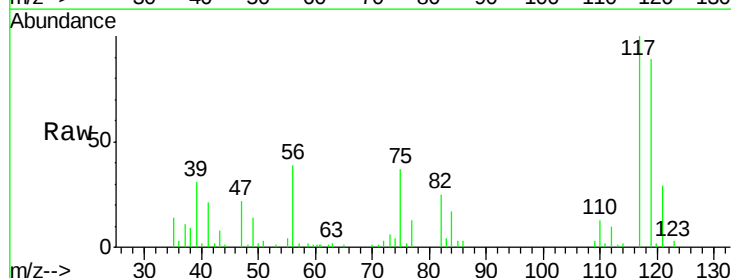
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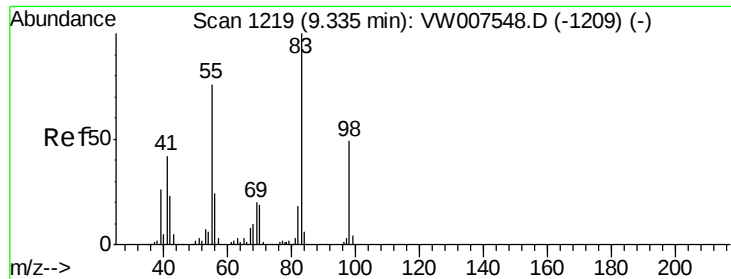
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#38
Carbon Tetrachloride
Concen: 21.809 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 117 Resp: 29033
Ion Ratio Lower Upper
117 100
119 89.4 74.3 111.5
121 29.2 24.3 36.5





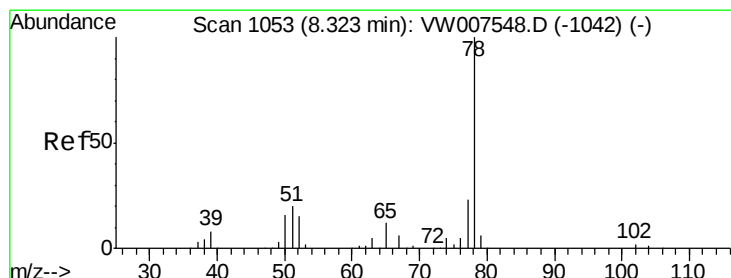
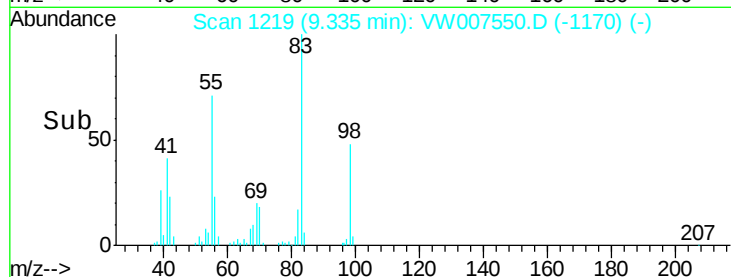
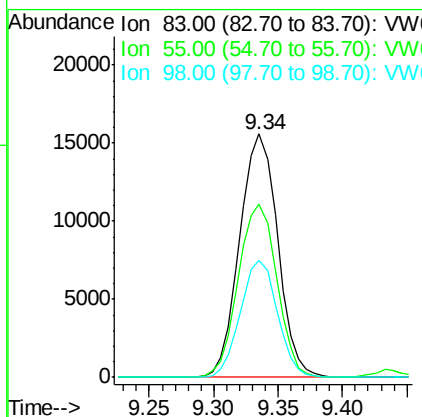
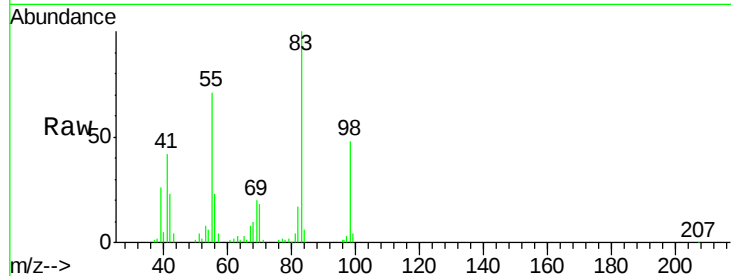
#39
Methylcyclohexane
Concen: 21.582 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.1	62.8	94.2
98	48.2	42.2	63.2

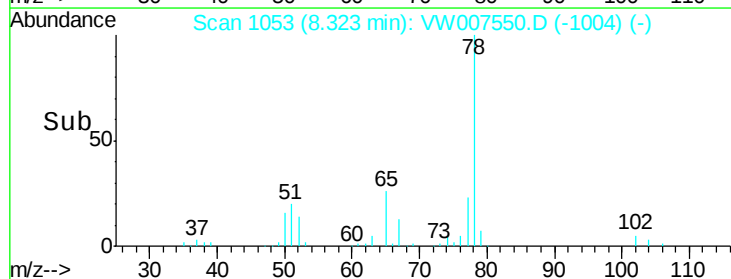
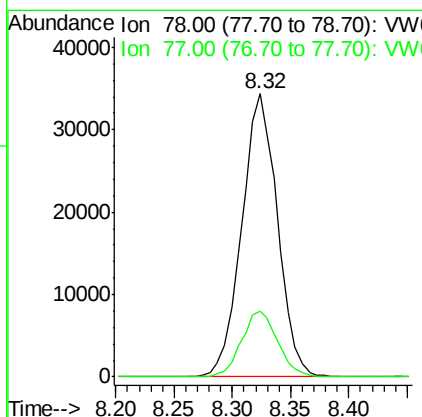
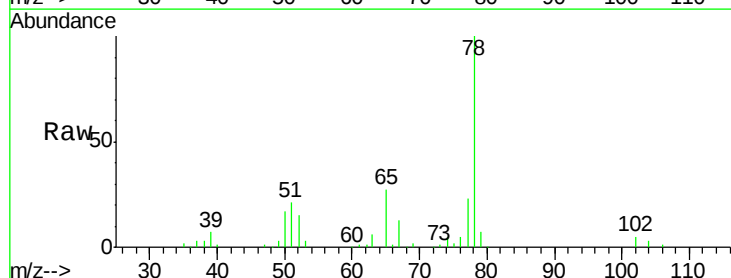
Manual Integrations
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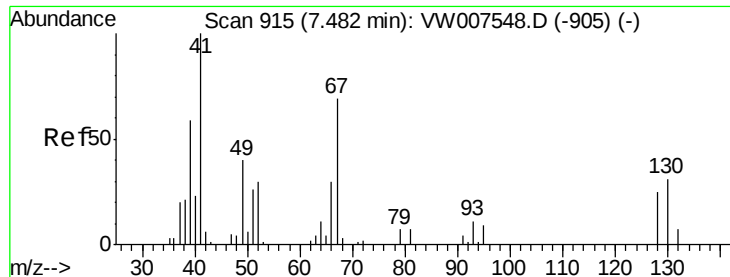
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#40
Benzene
Concen: 21.605 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2





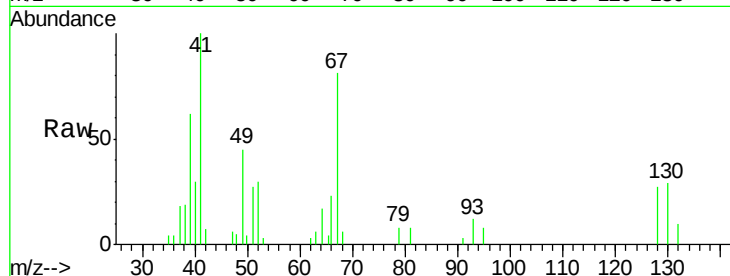
#41
Methacrylonitrile
Concen: 23.756 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

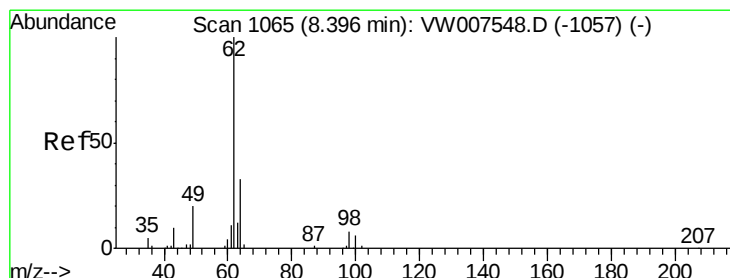
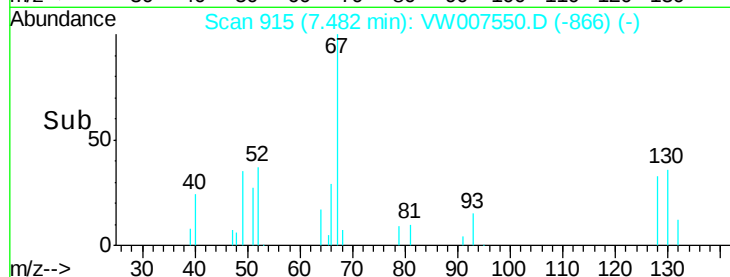
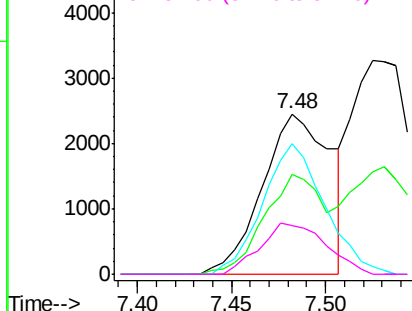
Tgt Ion: 41 Resp: 6156
Ion Ratio Lower Upper
41 100
39 52.1 52.2 78.2#
67 74.1 60.5 90.7
52 30.7 25.3 37.9

Manual Integrations
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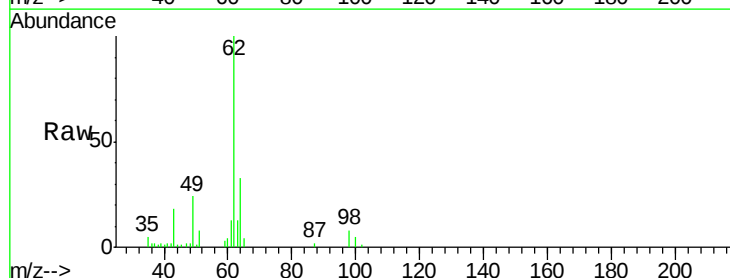


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

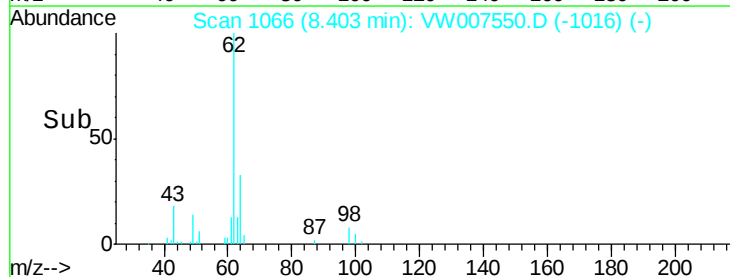
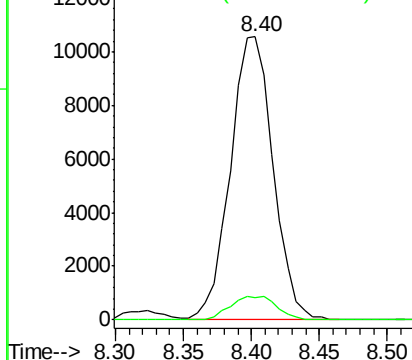


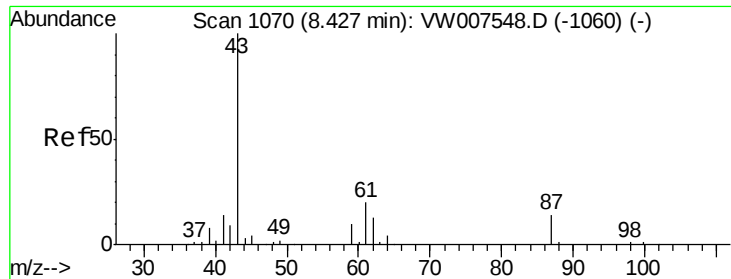
#42
1,2-Dichloroethane
Concen: 21.693 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 62 Resp: 23138
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.565 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

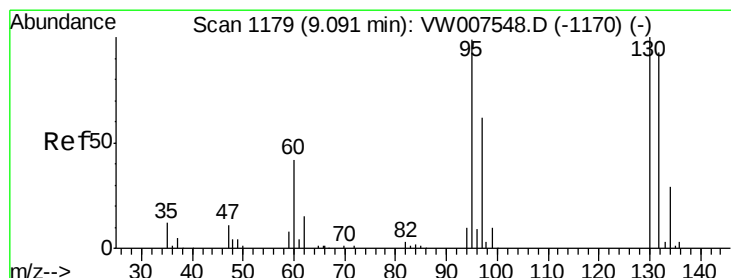
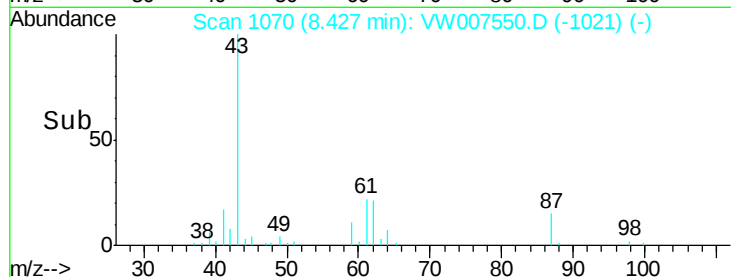
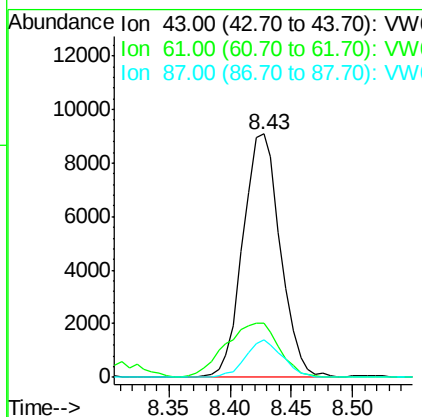
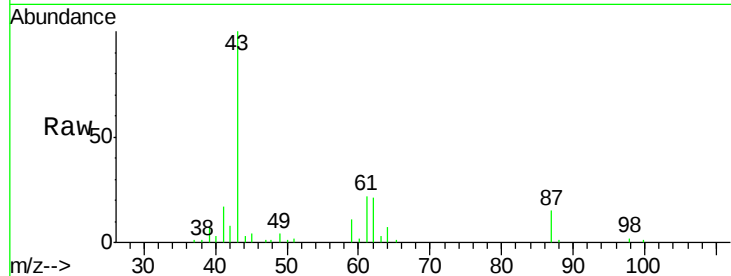
ClientSampleId :

VW1217SBS02

Tgt Ion:	43	Resp:	19384
Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.3	37.9
87	15.0	11.8	17.8

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#44

Trichloroethene

Concen: 21.310 ug/l

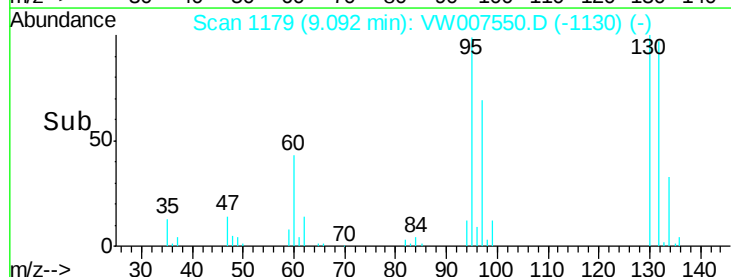
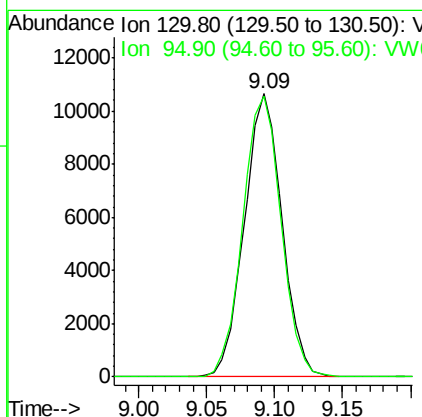
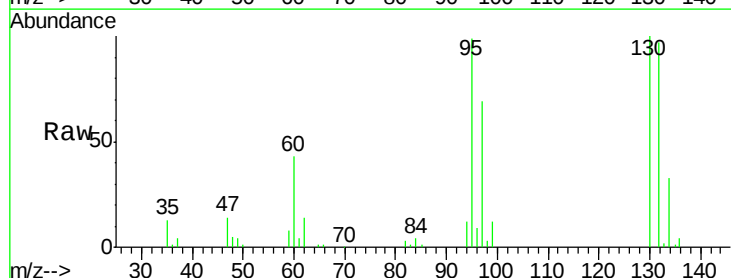
RT: 9.09 min Scan# 1179

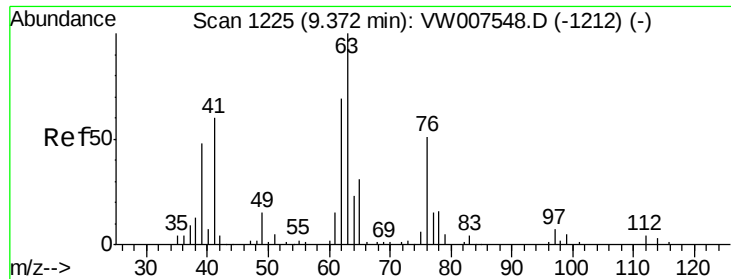
Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Tgt Ion:	130	Resp:	20662
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	193.2





#45

1,2-Dichloropropane

Concen: 21.599 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 63 Resp: 16971

Ion Ratio Lower Upper

63 100

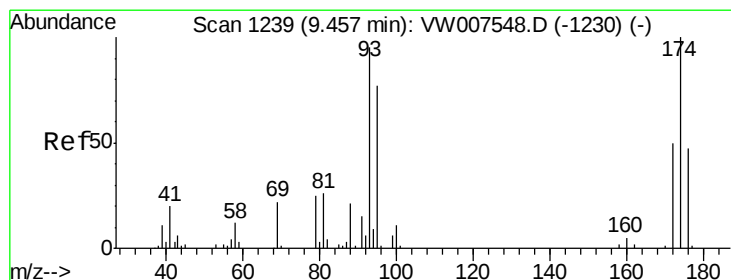
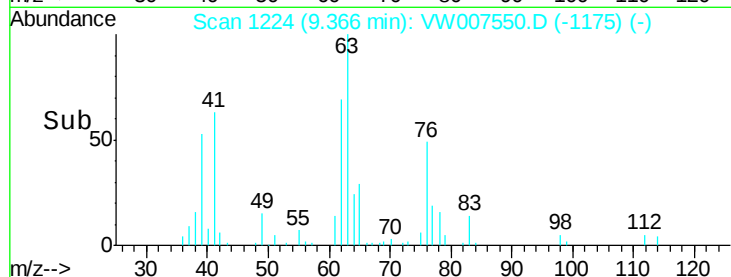
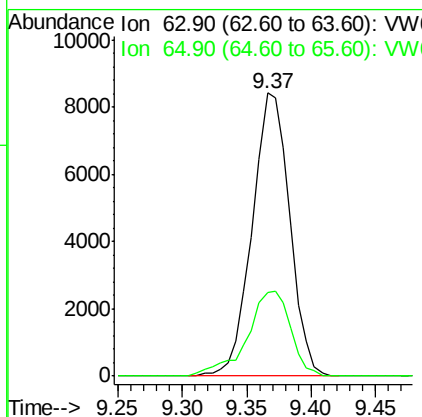
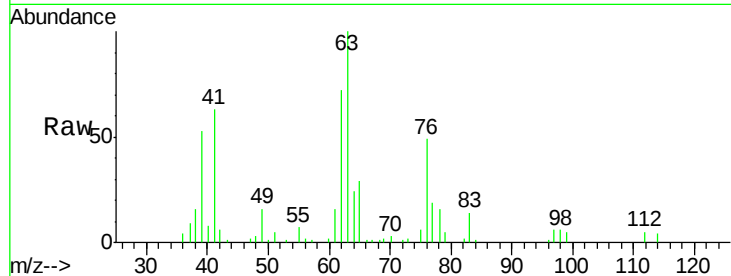
65 29.4 24.4 36.6

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#46

Dibromomethane

Concen: 22.153 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

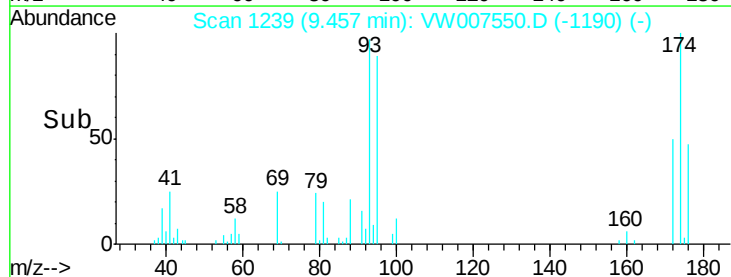
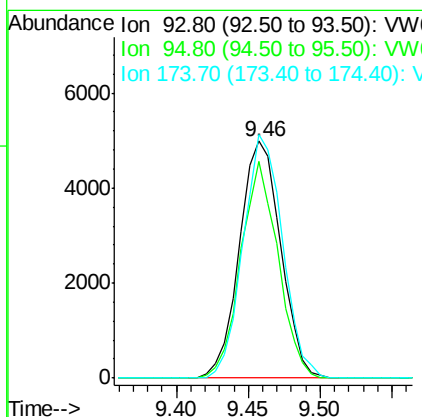
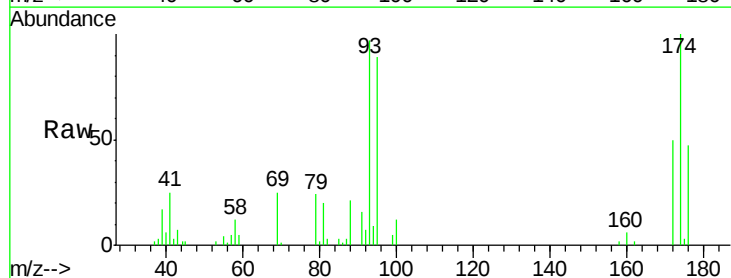
Tgt Ion: 93 Resp: 9885

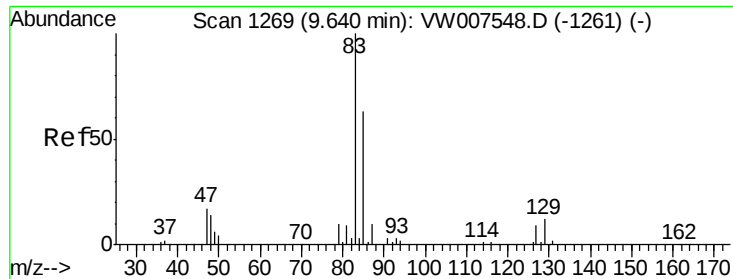
Ion Ratio Lower Upper

93 100

95 82.6 68.0 102.0

174 97.9 83.2 124.8





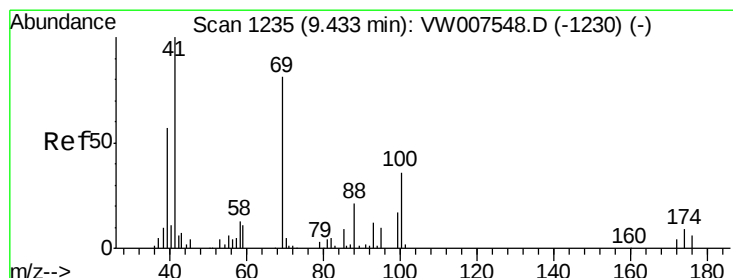
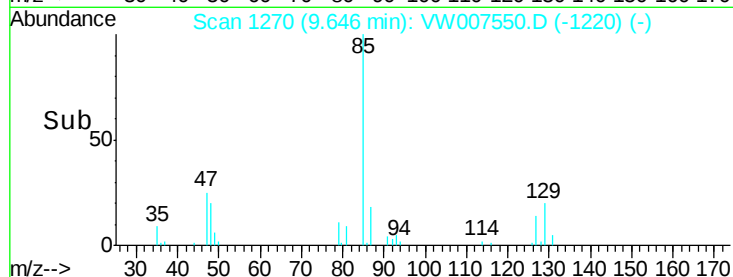
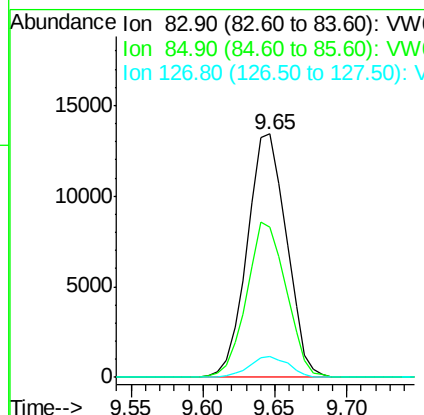
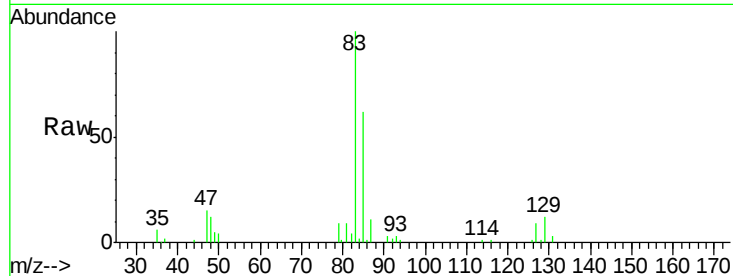
#47
Bromodichloromethane
Concen: 21.709 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	25408		
85	61.7	47.6	71.4	
127	8.7	6.7	10.1	

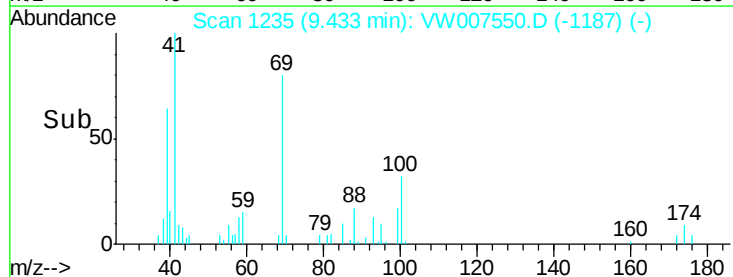
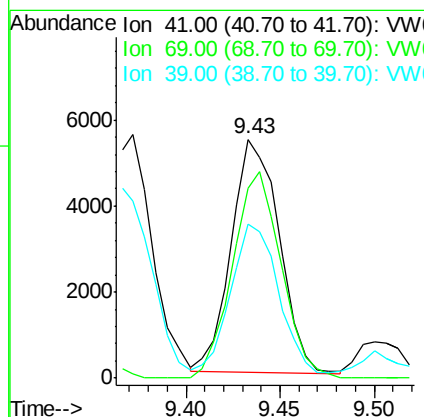
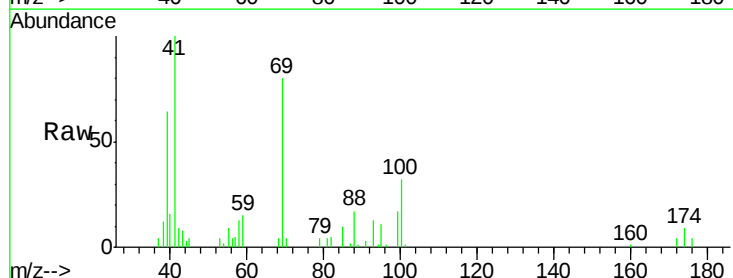
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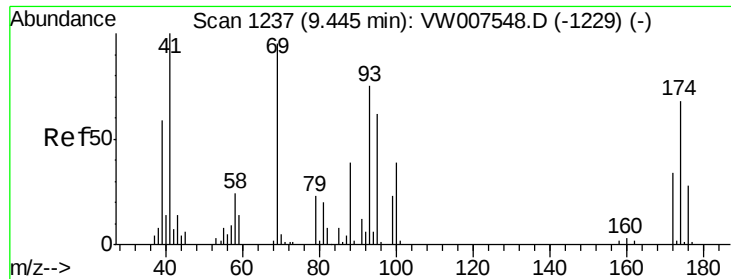
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#48
Methyl methacrylate
Concen: 20.656 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	9536		
69	89.9	69.8	104.8	
39	68.6	50.9	76.3	





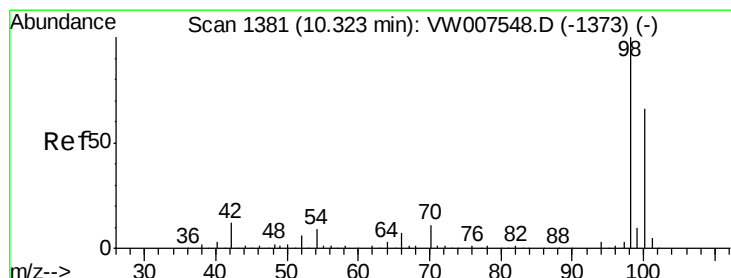
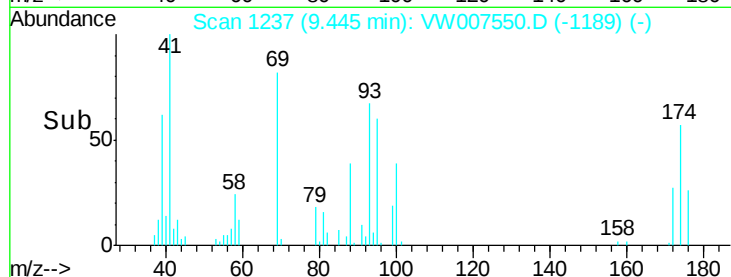
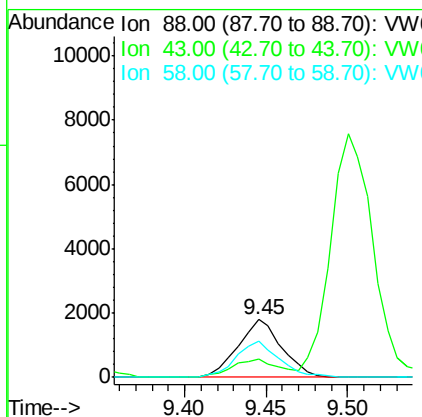
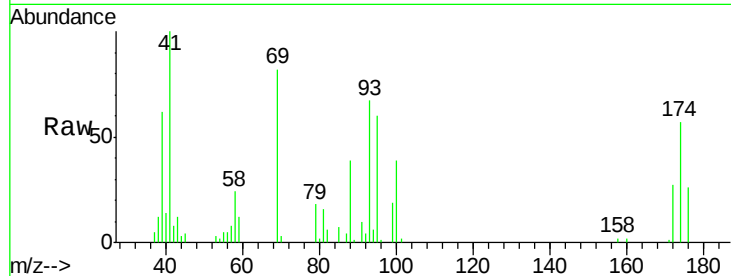
#49
 1,4-Dioxane
 Concen: 462.706 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.2	25.0	37.4
58	61.3	51.4	77.2

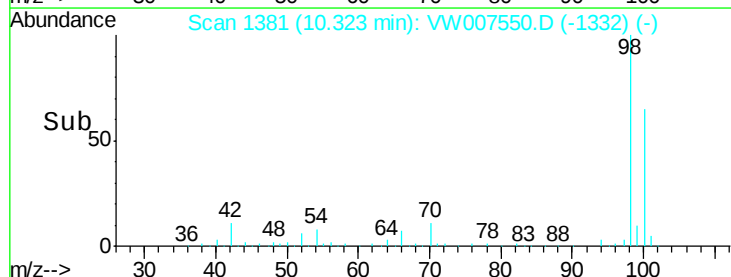
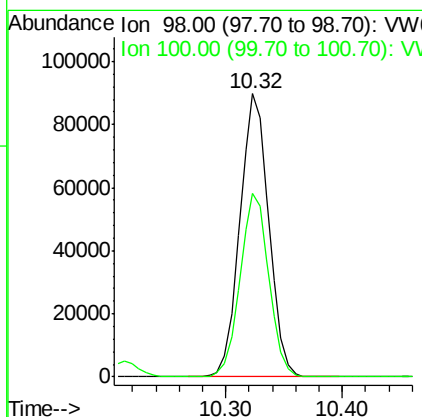
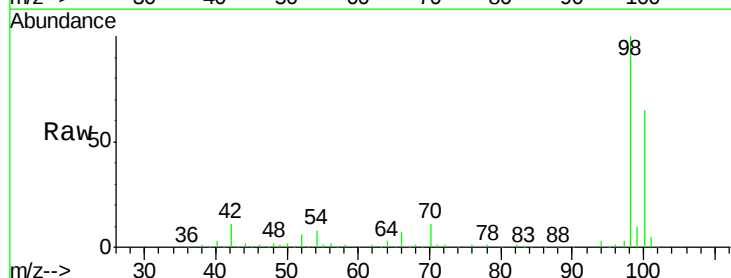
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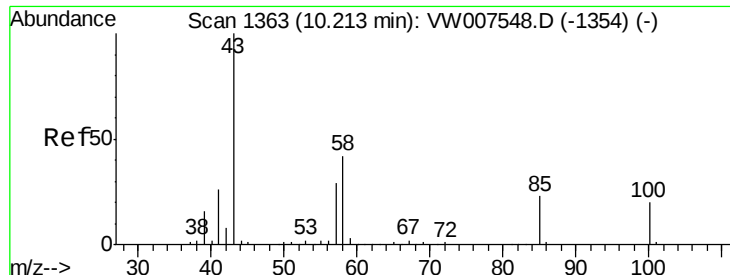
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#50
 Toluene-d8
 Concen: 50.762 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8





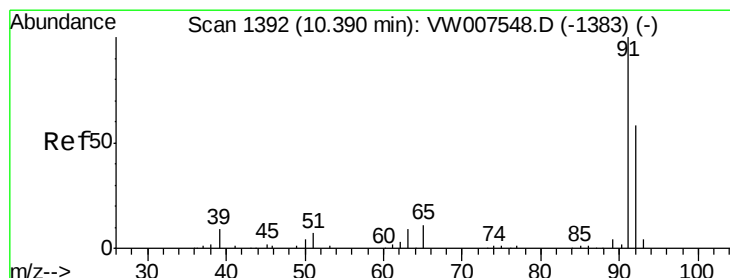
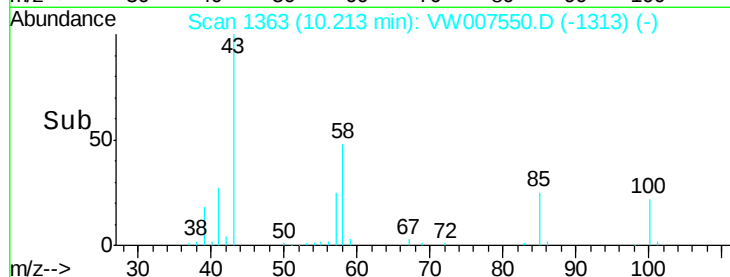
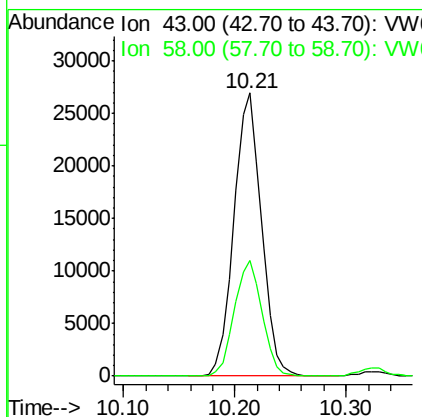
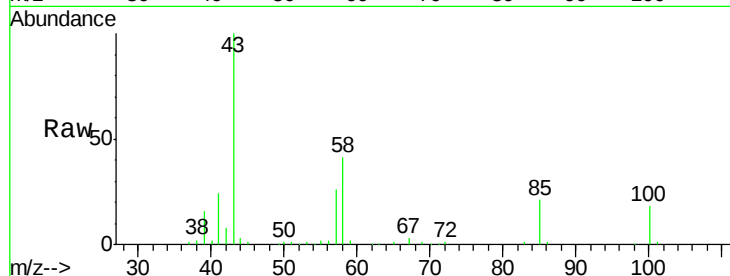
#51
 4-Methyl-2-Pentanone
 Concen: 108.700 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion: 43 Resp: 46167
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.1 49.7

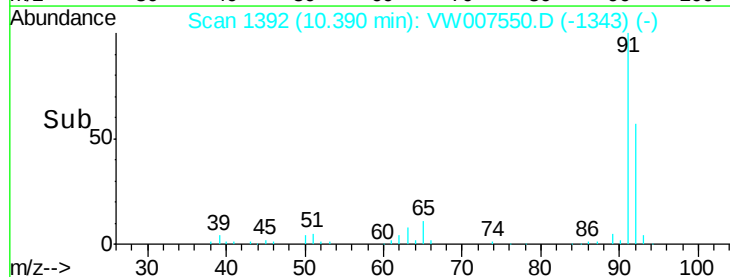
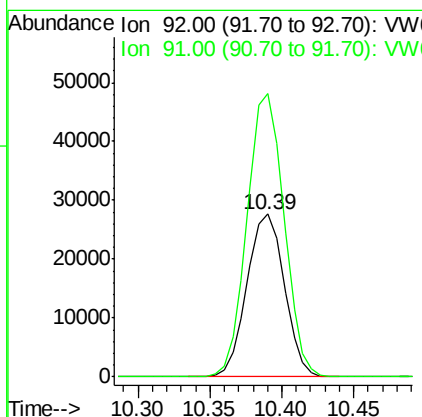
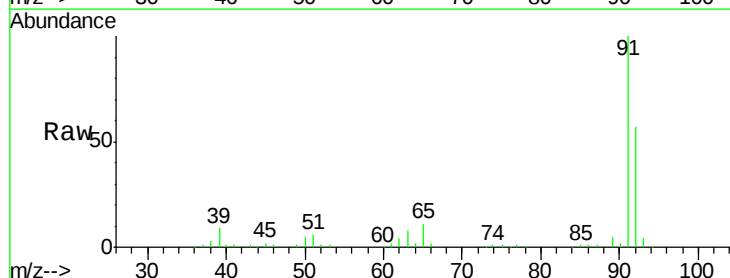
Manual Integrations
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#52
 Toluene
 Concen: 22.612 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion: 92 Resp: 49685
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.2 204.2





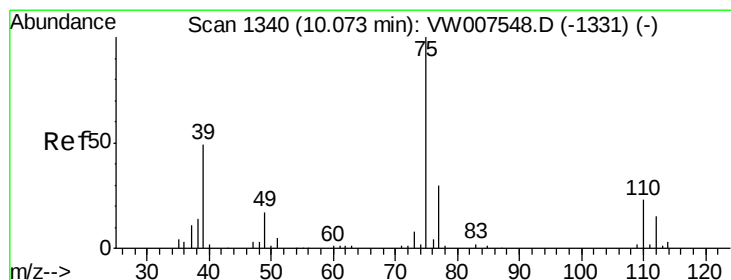
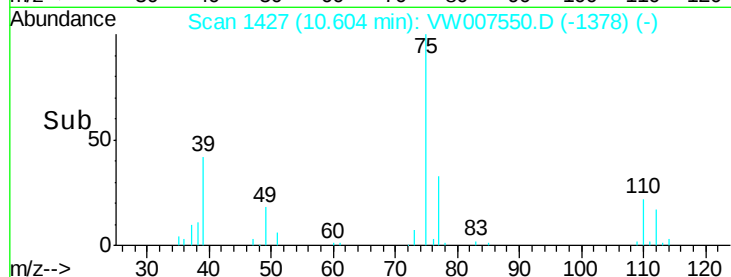
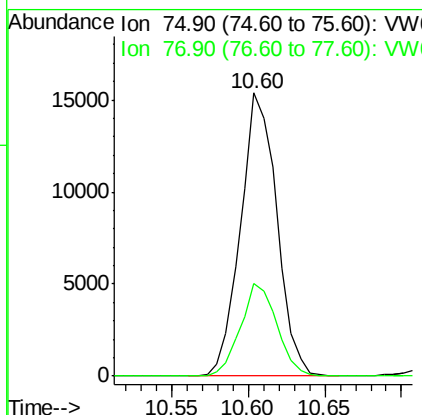
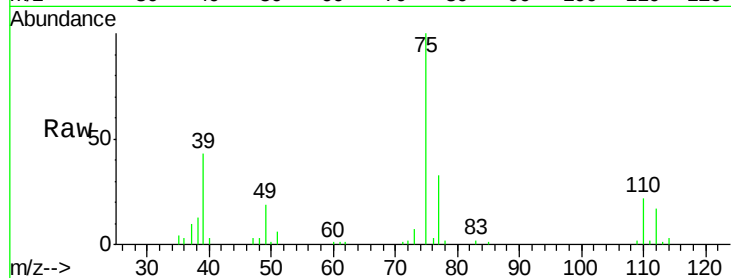
#53
 t-1,3-Dichloropropene
 Concen: 22.291 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion: 75 Resp: 25329
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.2 39.4

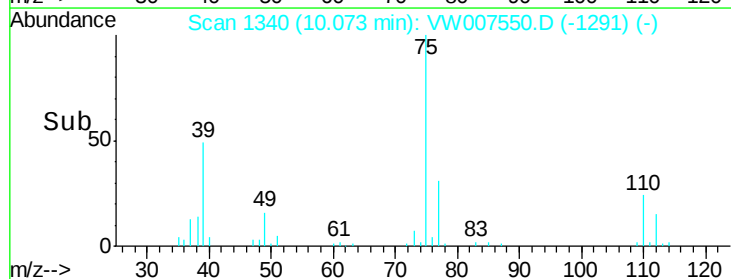
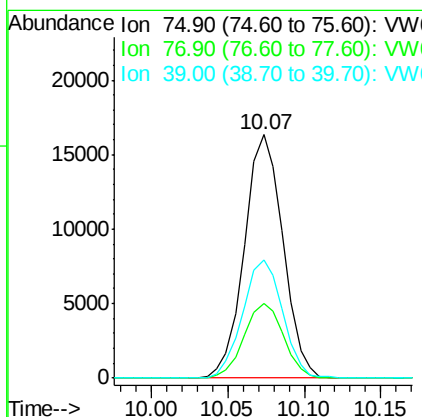
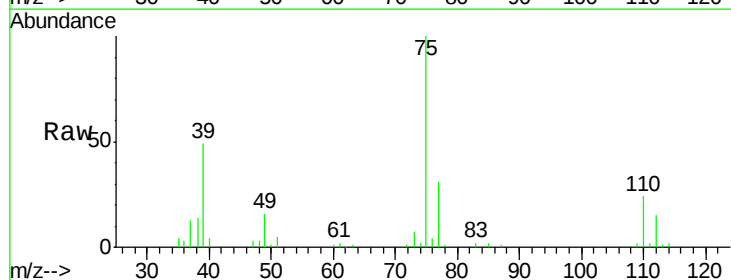
Manual Integrations
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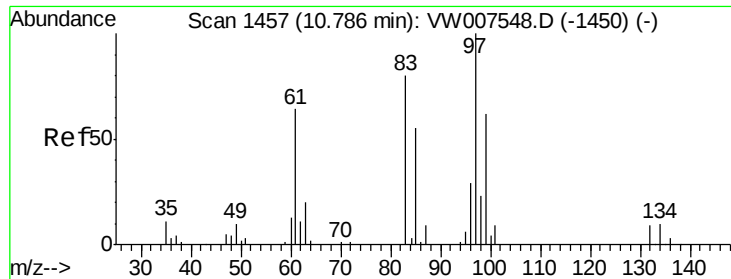
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#54
 cis-1,3-Dichloropropene
 Concen: 21.848 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion: 75 Resp: 28698
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 48.8 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 22.763 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

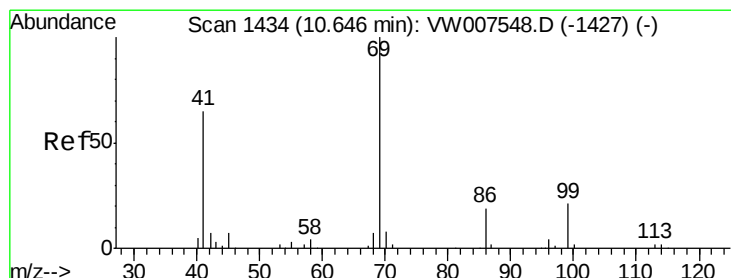
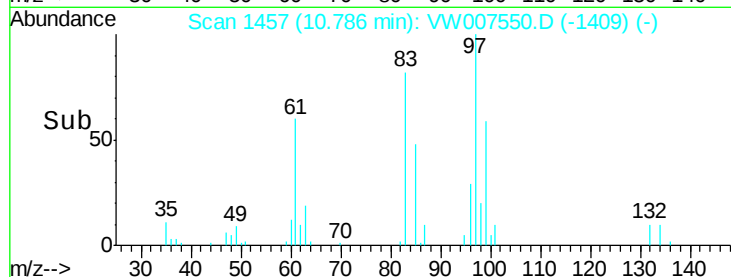
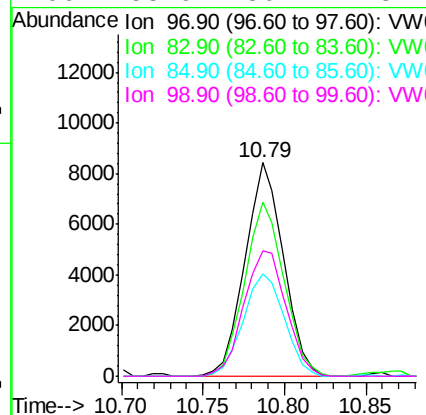
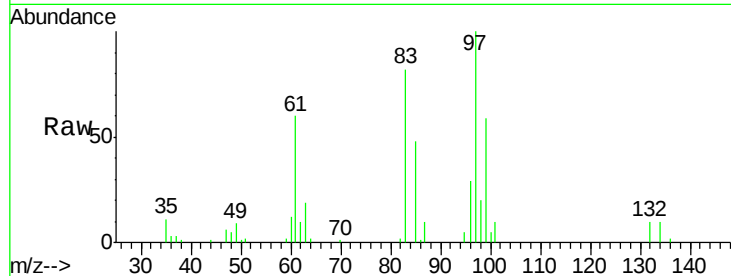
ClientSampleId :

VW1217SBS02

Tgt Ion:	97	Resp:	13824
Ion	Ratio	Lower	Upper
97	100		
83	81.7	62.1	93.1
85	47.7	44.2	66.4
99	58.9	50.2	75.4

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#56

Ethyl methacrylate

Concen: 22.928 ug/l

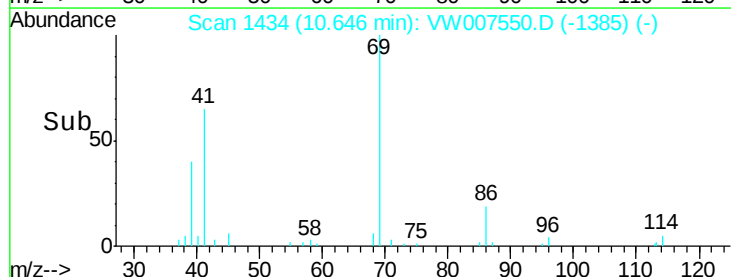
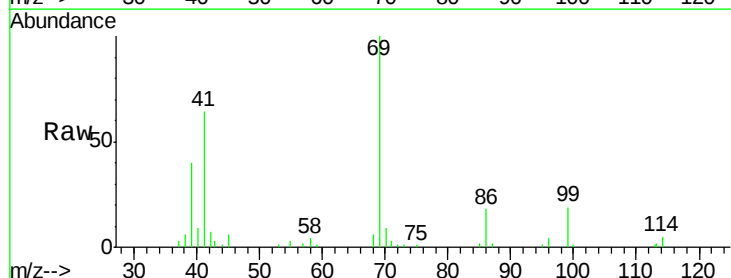
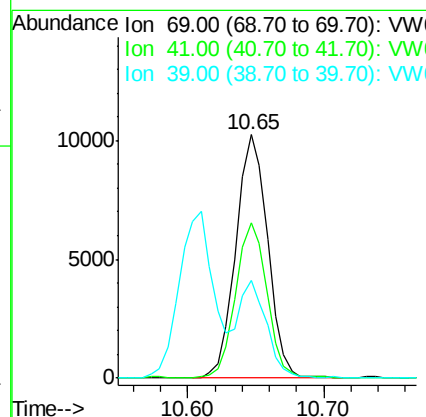
RT: 10.65 min Scan# 1434

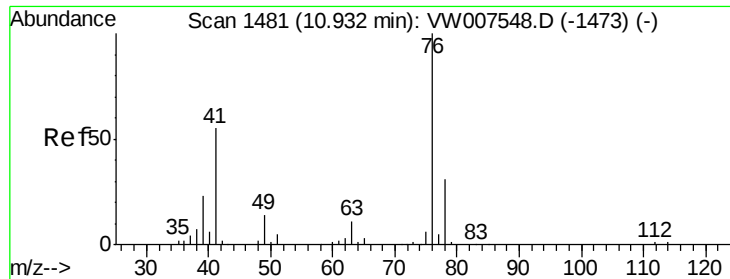
Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Tgt Ion:	69	Resp:	16736
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.0	76.6
39	36.5	30.8	46.2





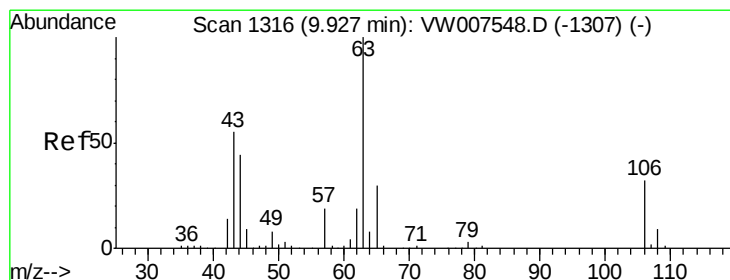
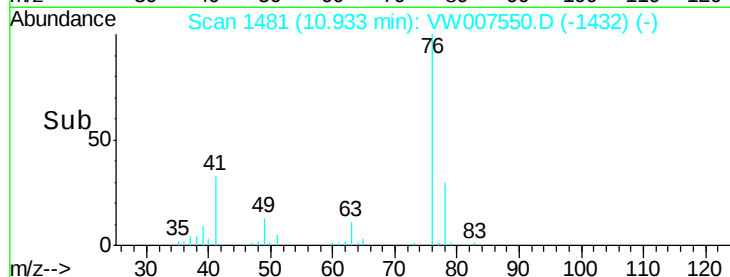
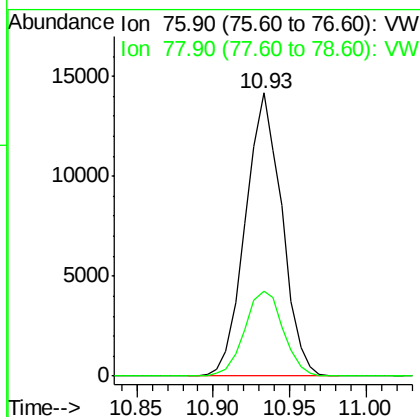
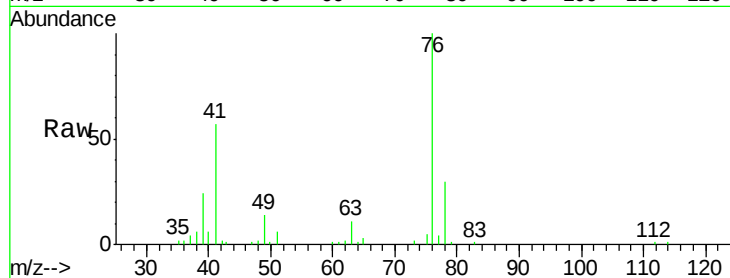
#57
 1,3-Dichloropropane
 Concen: 23.555 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion: 76 Resp: 23479
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.4

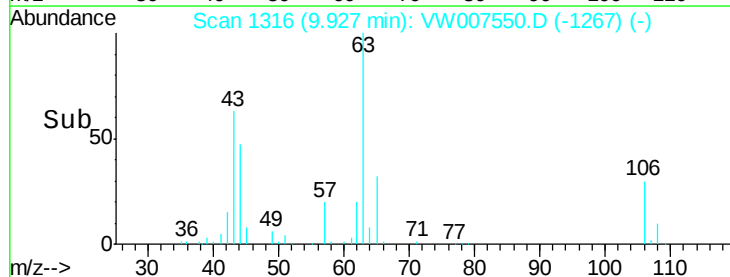
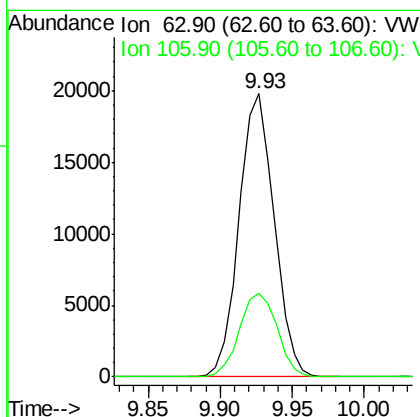
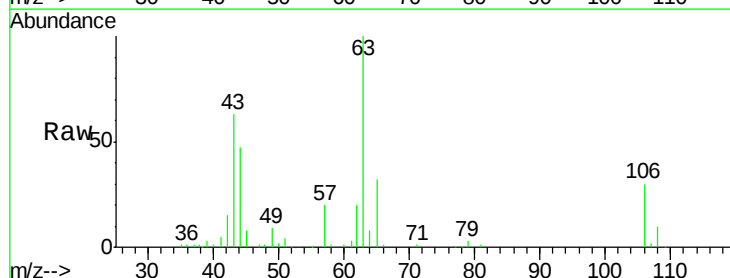
Manual Integrations
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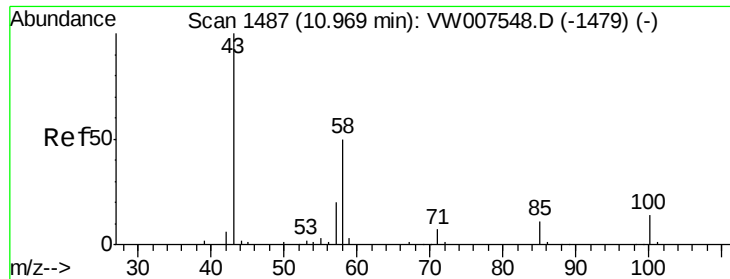
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.855 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion: 63 Resp: 33612
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.0 37.6





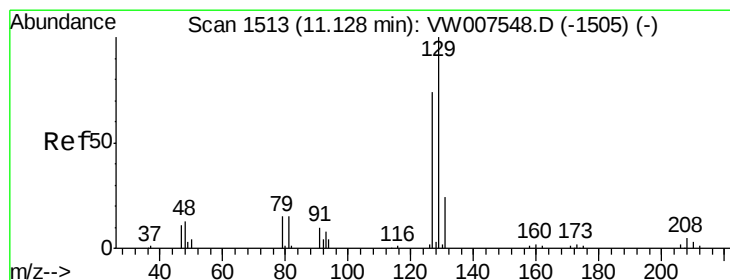
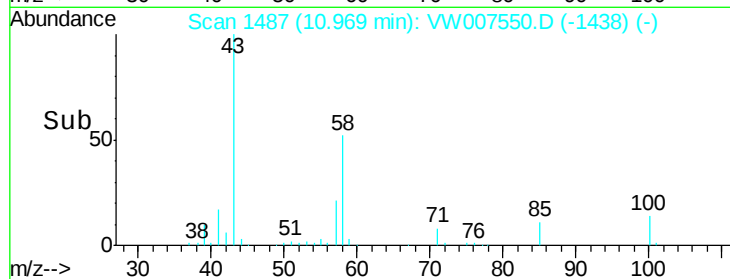
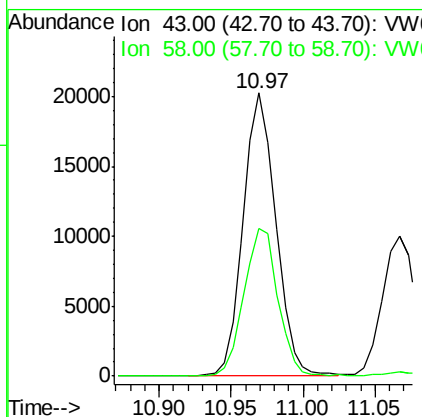
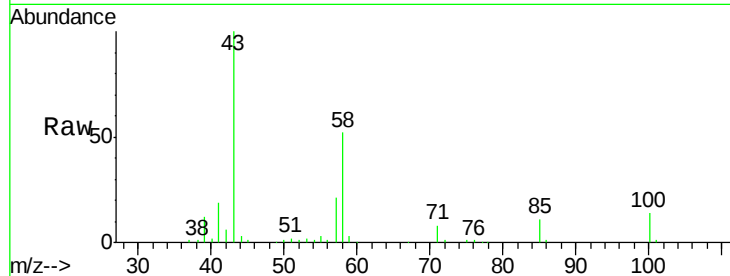
#59
2-Hexanone
Concen: 112.258 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion: 43 Resp: 31792
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

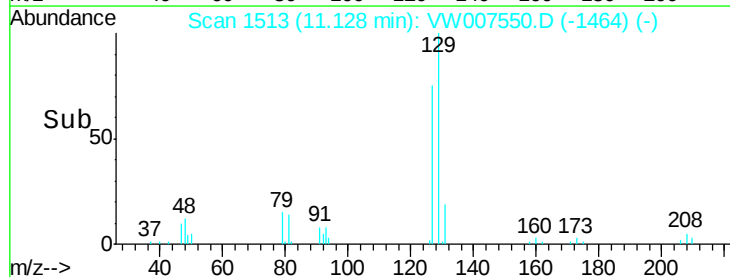
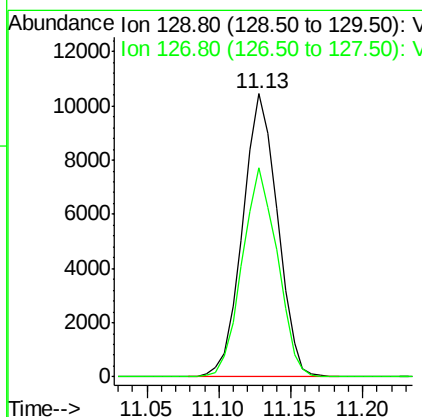
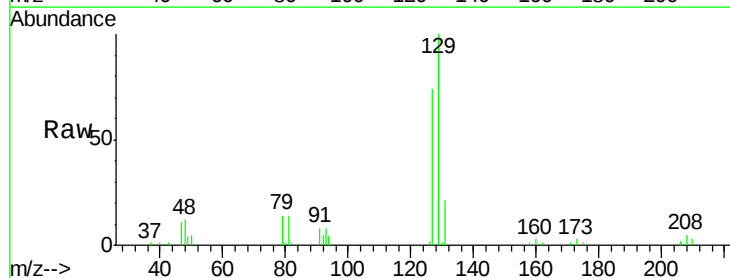
Manual Integrations
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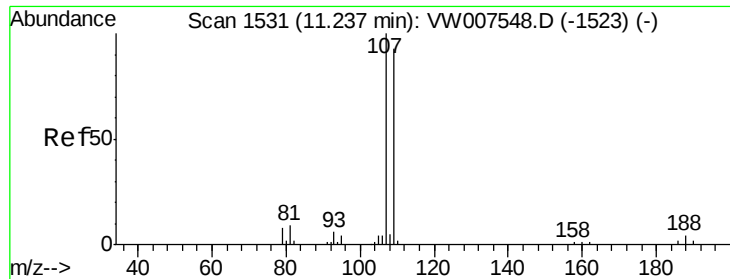
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#60
Dibromochloromethane
Concen: 22.880 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 129 Resp: 17535
Ion Ratio Lower Upper
129 100
127 74.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 22.376 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 107 Resp: 13429

Ion Ratio Lower Upper

107 100

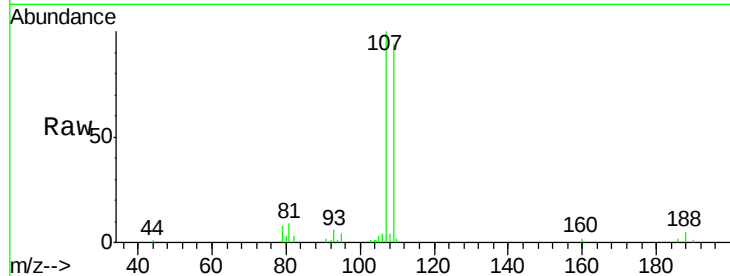
109 92.7 79.1 118.7

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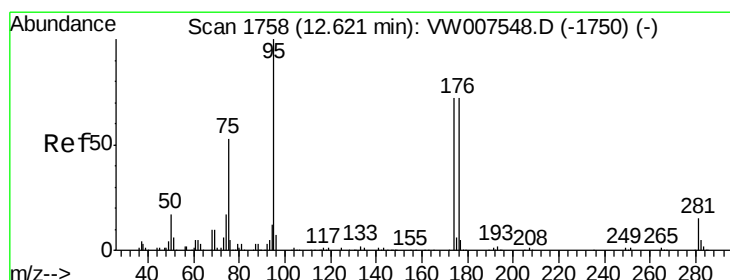
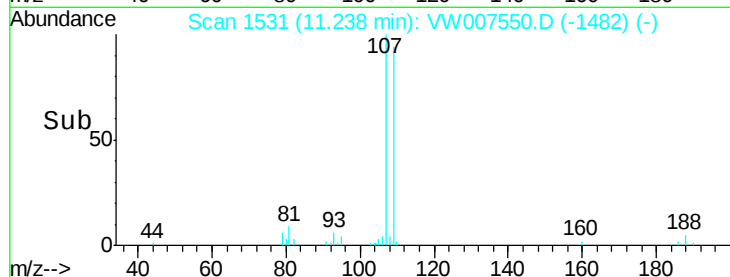
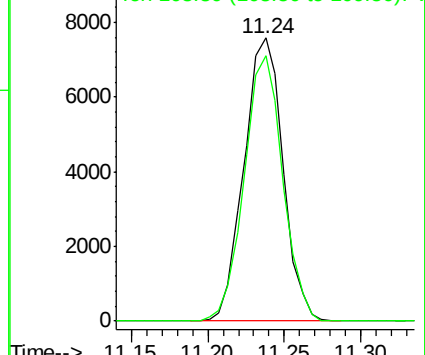
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.414 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

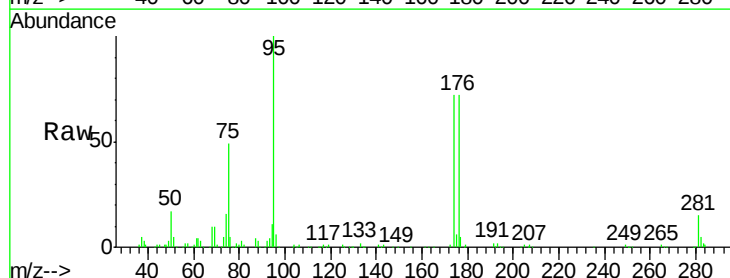
Tgt Ion: 95 Resp: 58664

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.2

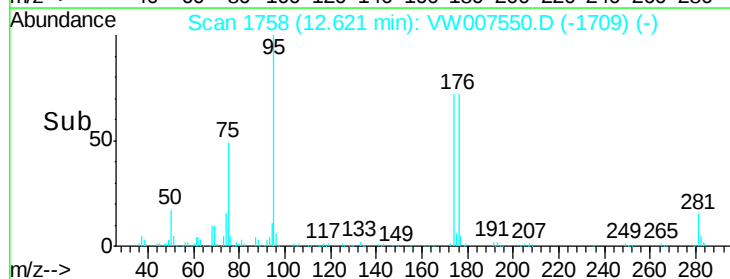
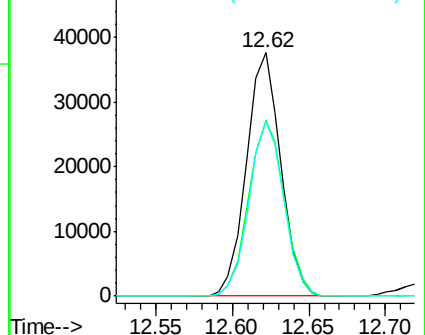
176 72.6 0.0 138.8

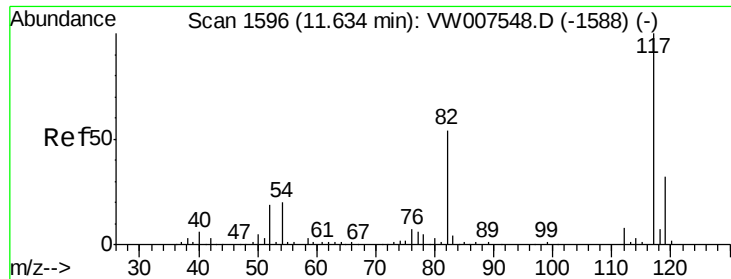


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





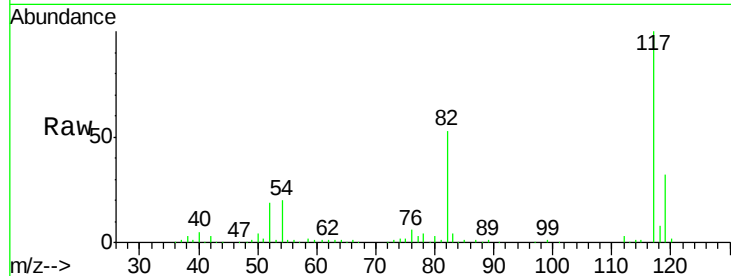
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.3	63.5
119	32.1	23.0	34.6

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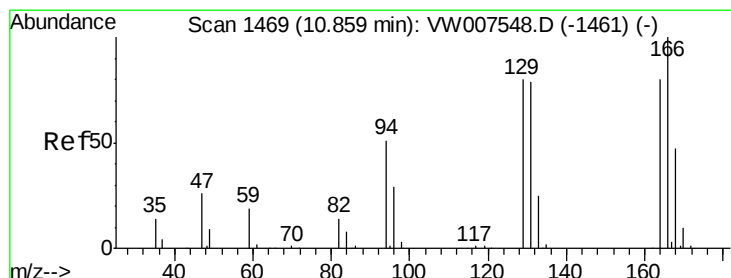
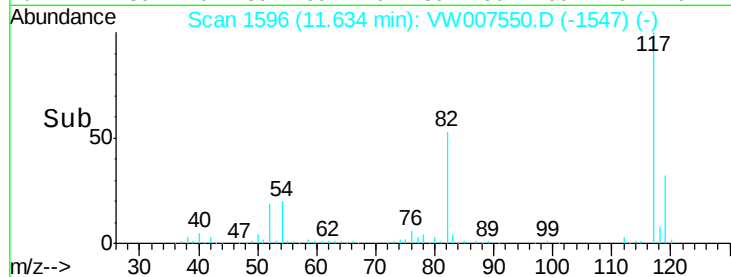
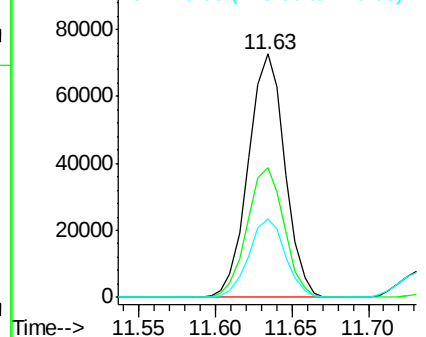


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.342 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	107.9	161.9
129	104.5	73.4	110.2
131	93.8	75.8	113.6

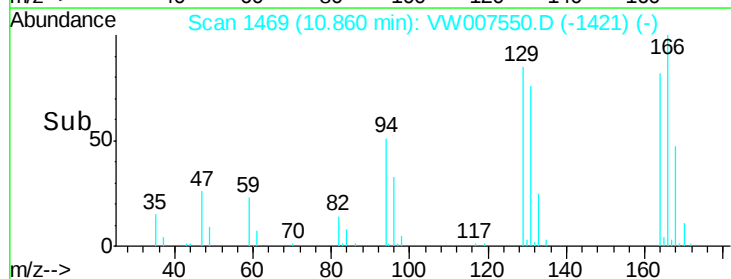
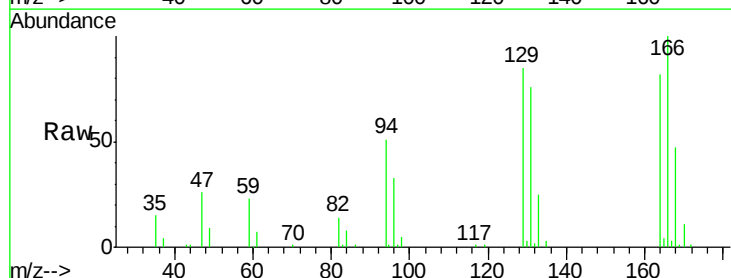
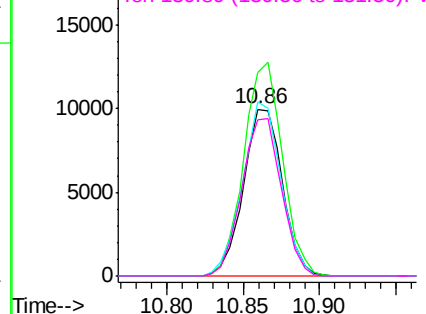
Abundance

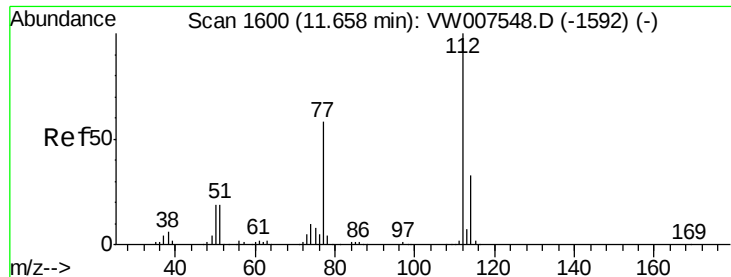
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





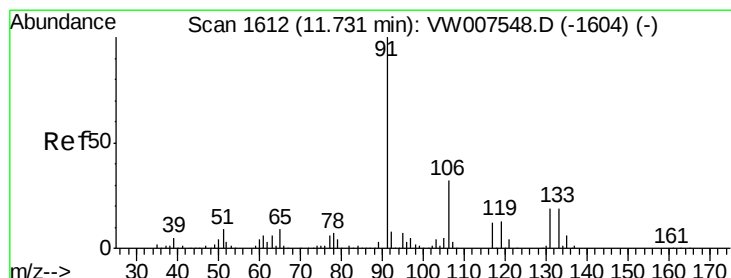
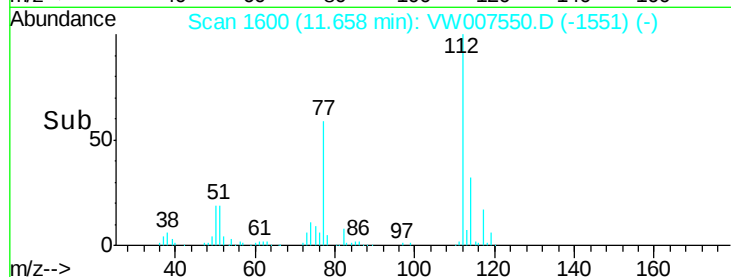
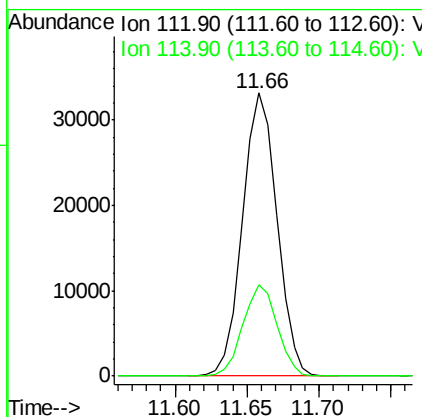
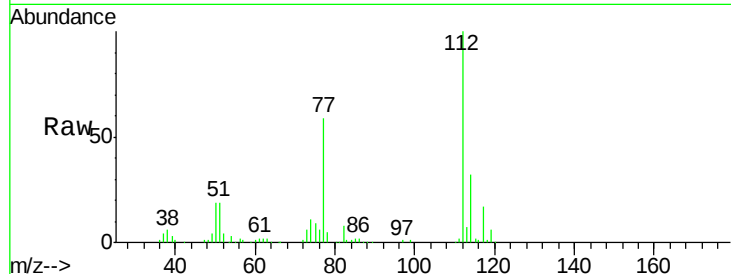
#65
Chlorobenzene
Concen: 21.828 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion:112 Resp: 54933
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8

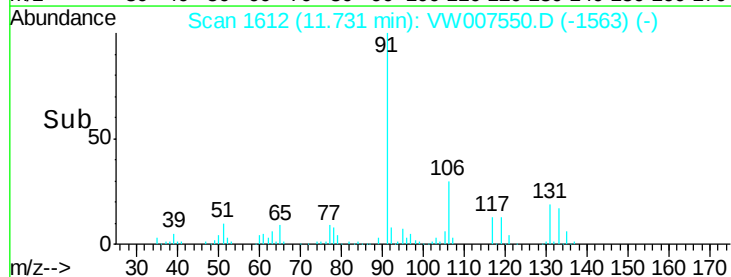
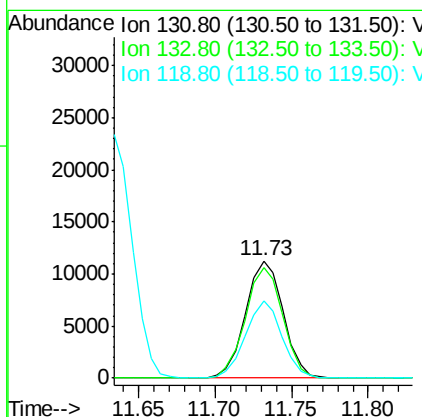
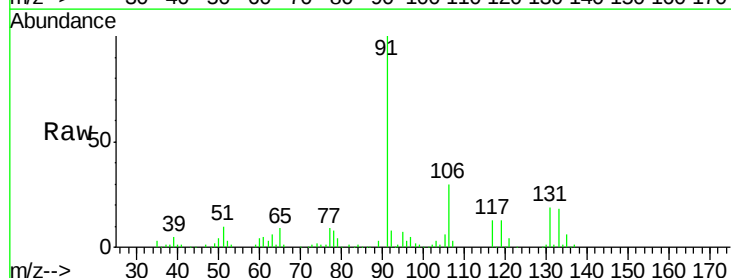
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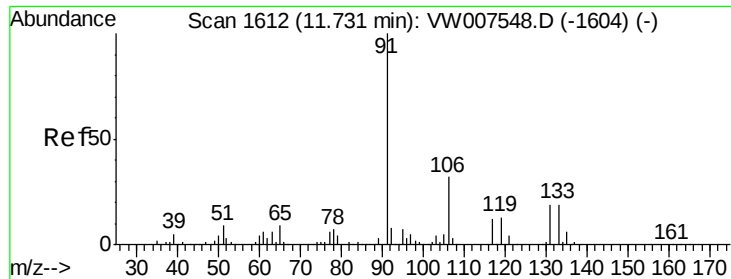
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.764 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion:131 Resp: 19291
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.4
119 63.6 31.3 93.9





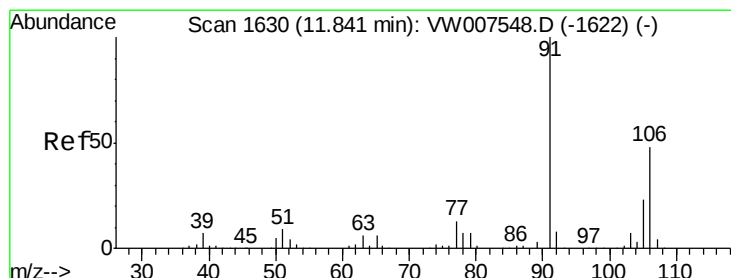
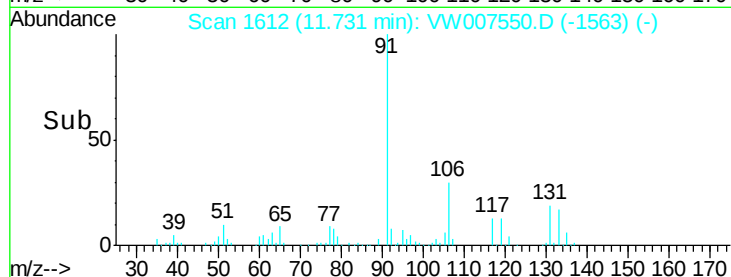
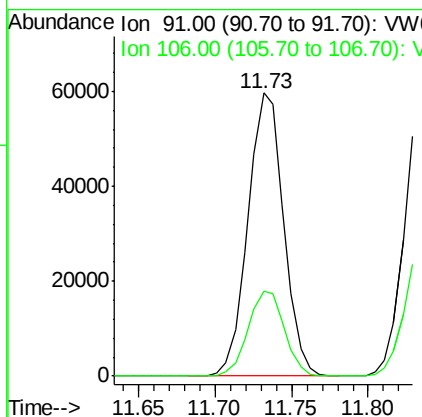
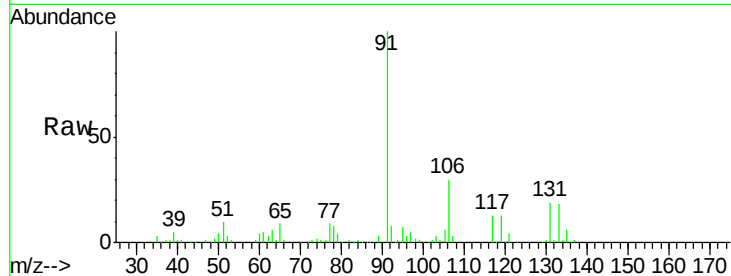
#67
Ethyl Benzene
Concen: 22.400 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion: 91 Resp: 96921
Ion Ratio Lower Upper
91 100
106 30.2 21.8 32.8

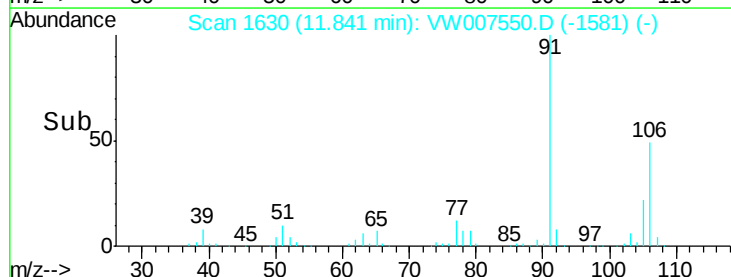
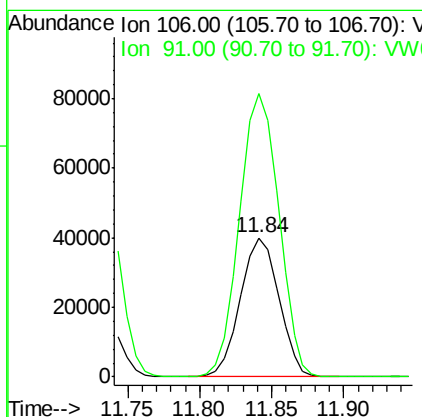
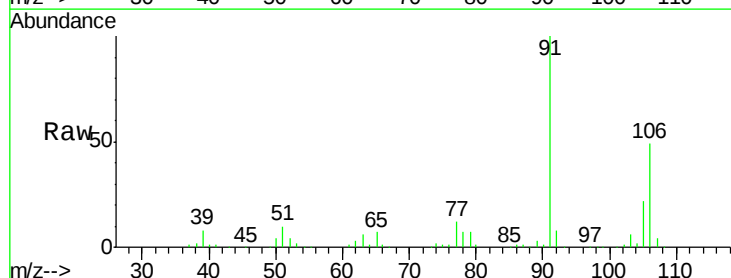
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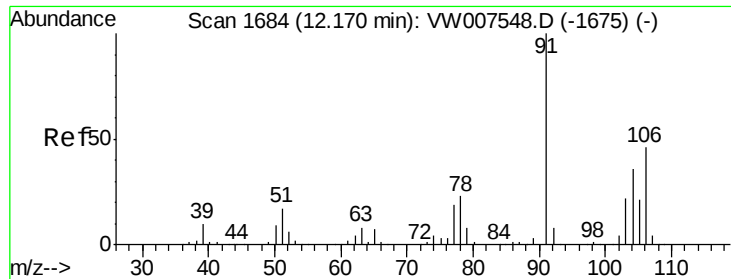
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#68
m/p-Xylenes
Concen: 44.360 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 106 Resp: 74617
Ion Ratio Lower Upper
106 100
91 207.5 165.3 247.9





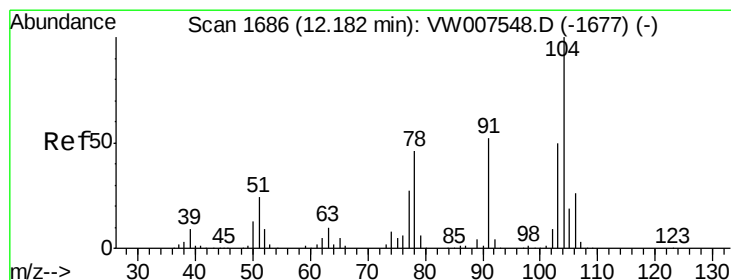
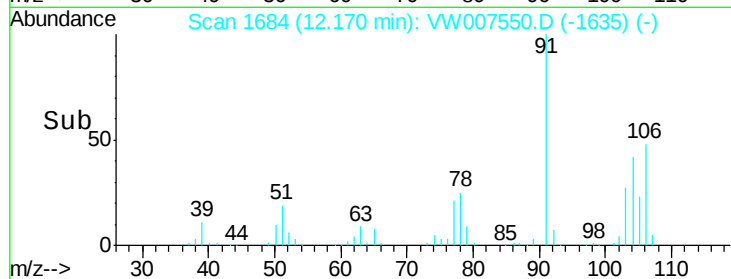
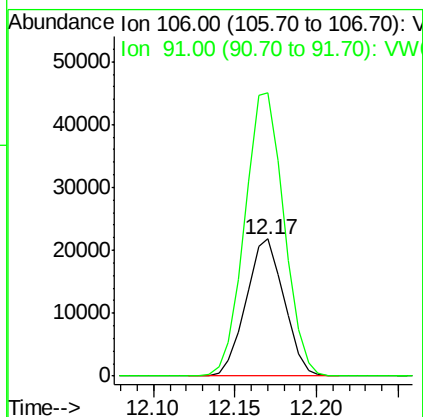
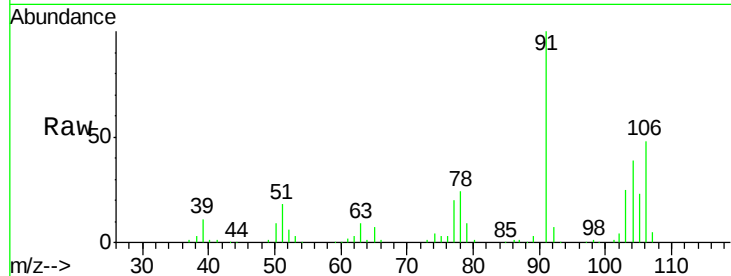
#69
o-Xylene
Concen: 22.512 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion:106 Resp: 35366
Ion Ratio Lower Upper
106 100
91 213.1 106.6 319.8

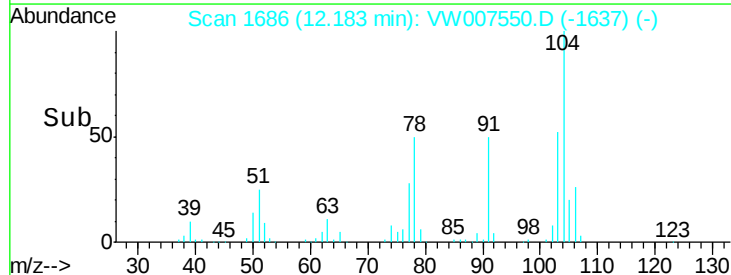
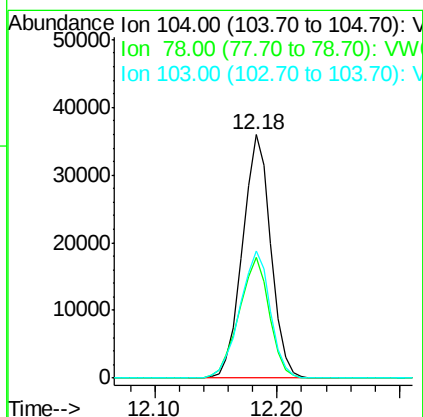
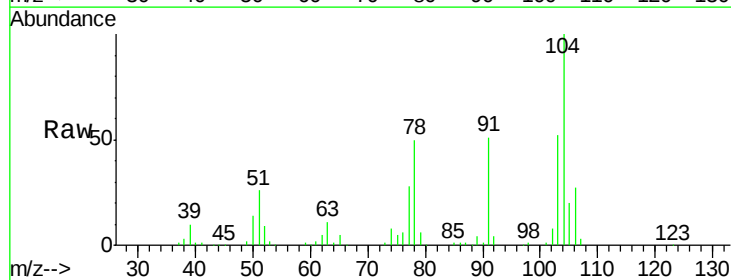
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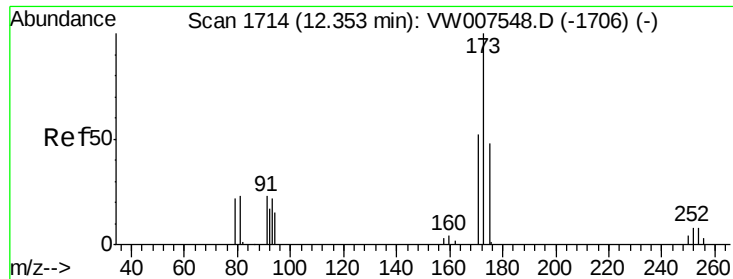
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#70
Styrene
Concen: 22.726 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion:104 Resp: 57667
Ion Ratio Lower Upper
104 100
78 53.1 41.8 62.8
103 56.2 46.6 69.8





#71

Bromoform

Concen: 20.946 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

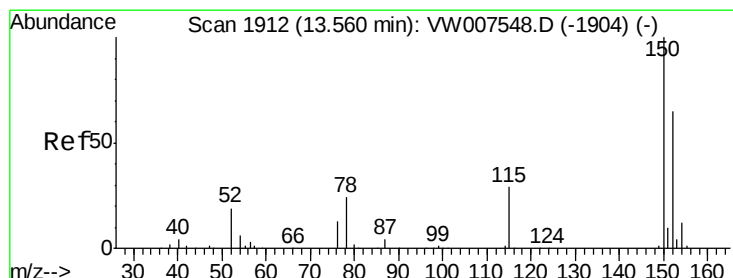
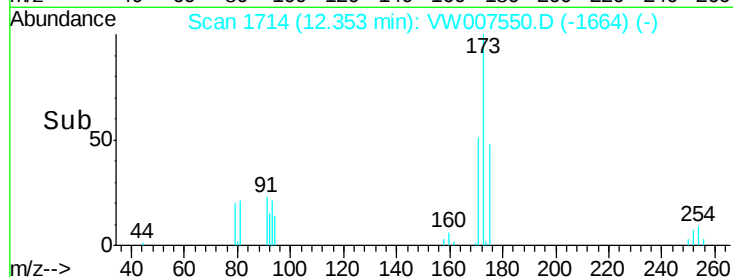
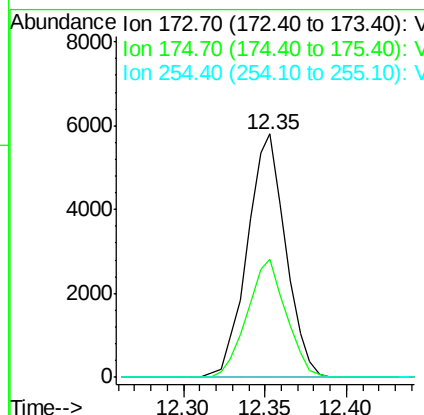
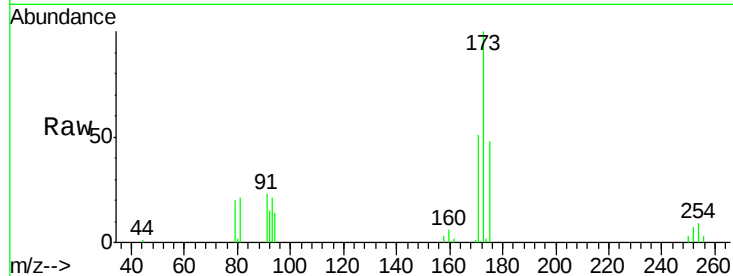
ClientSampleId :

VW1217SBS02

Tgt Ion:	173	Resp:	9503
Ion Ratio	Lower	Upper	
173	100		
175	49.2	23.6	70.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

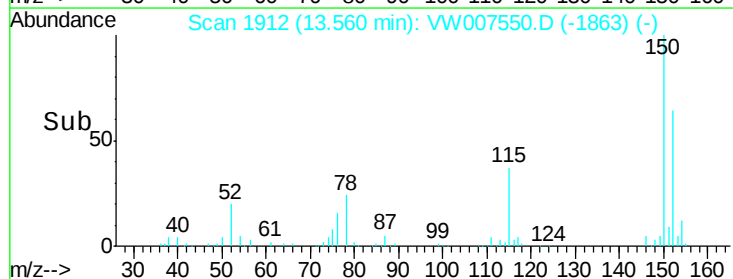
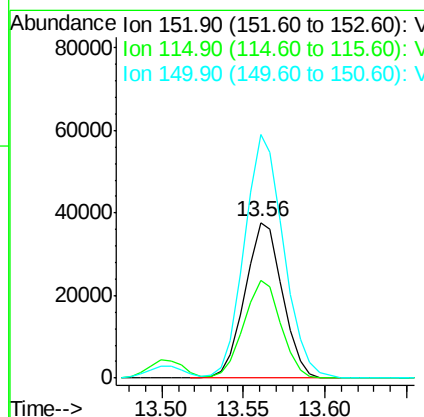
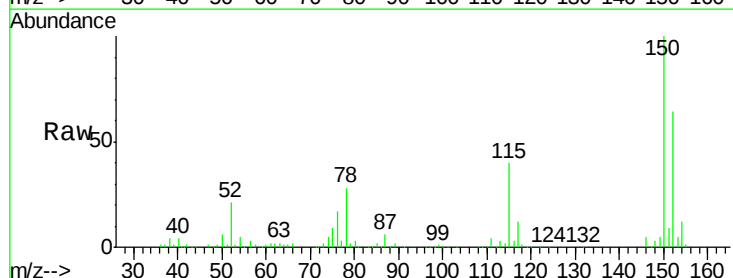
RT: 13.56 min Scan# 1912

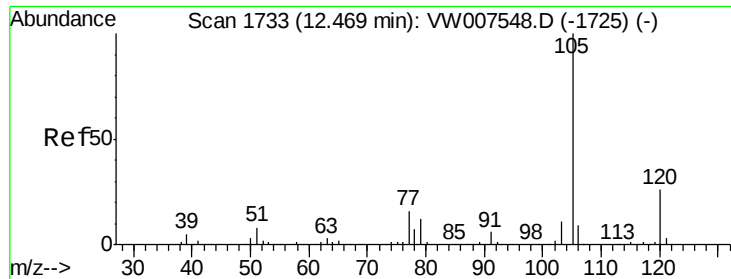
Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Tgt Ion:	152	Resp:	60147
Ion Ratio	Lower	Upper	
152	100		
115	62.2	31.4	94.2
150	164.3	0.0	358.4





#73

Isopropylbenzene

Concen: 21.313 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBS02

Tgt Ion: 105 Resp: 98224

Ion Ratio Lower Upper

105 100

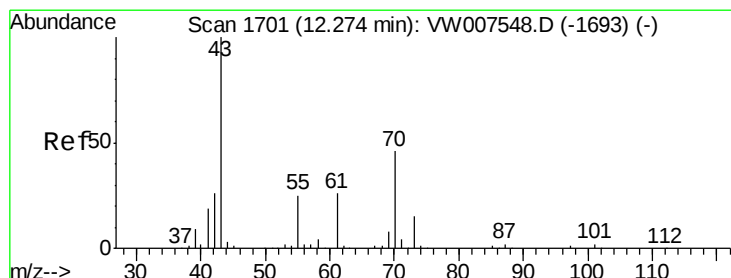
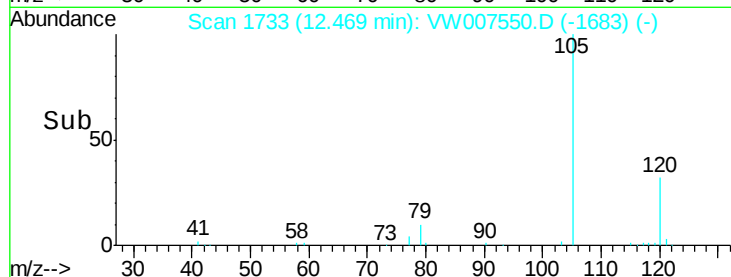
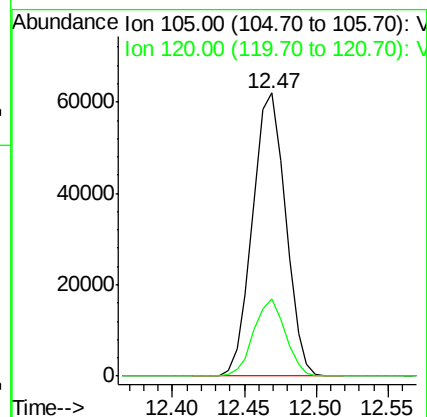
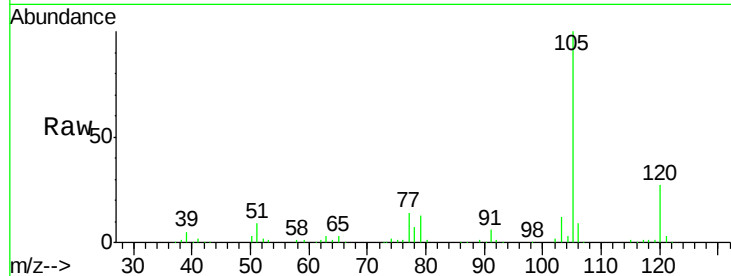
120 26.0 12.8 38.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.760 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Tgt Ion: 43 Resp: 18226

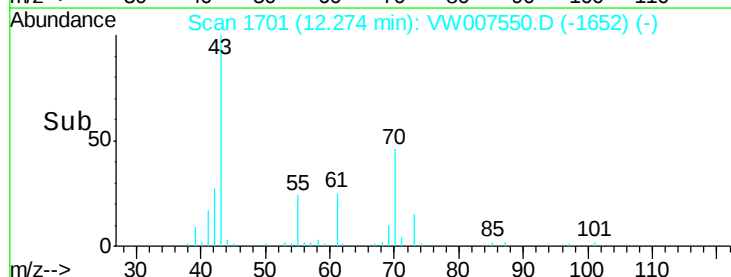
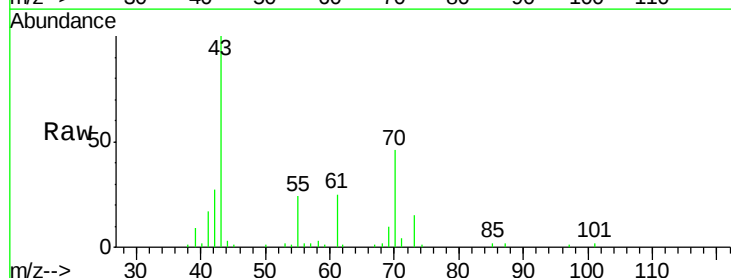
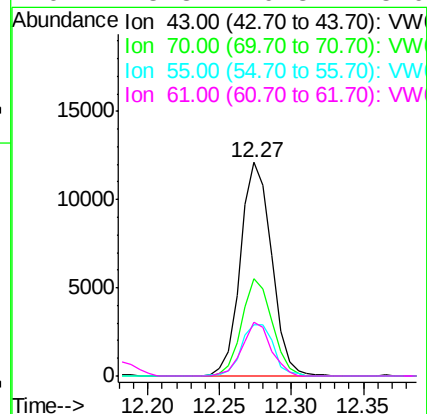
Ion Ratio Lower Upper

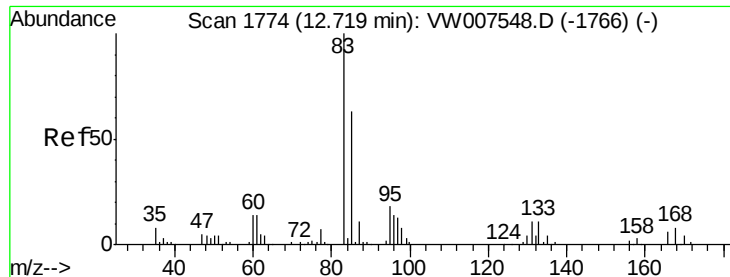
43 100

70 44.3 36.5 54.7

55 25.0 20.1 30.1

61 23.3 19.3 28.9





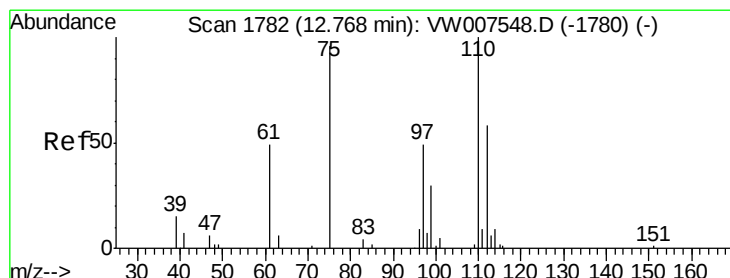
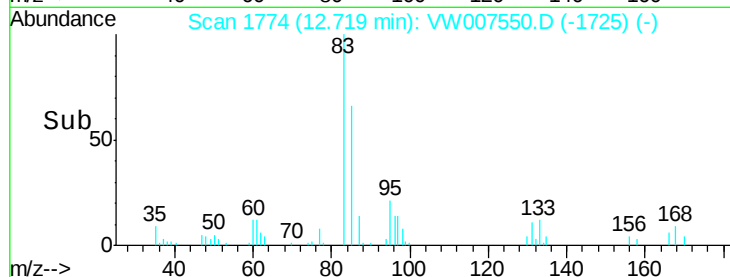
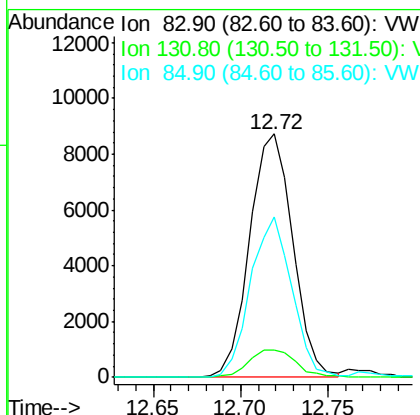
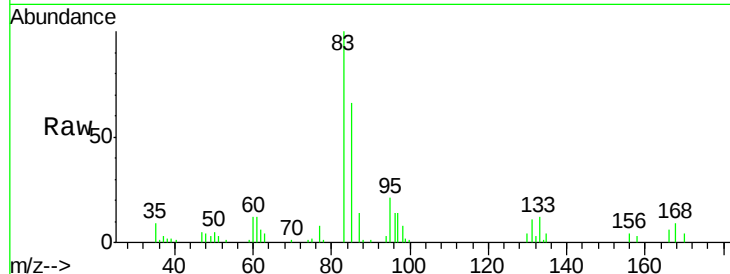
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.891 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.9	17.8
85	63.2	30.0	90.0

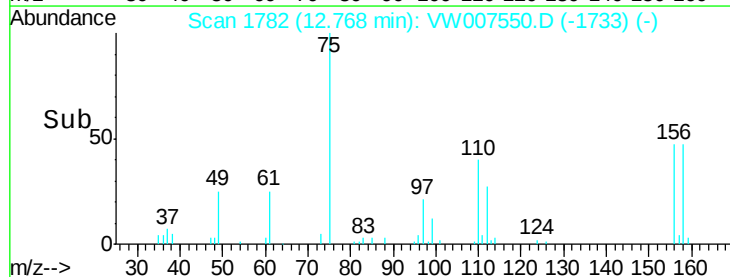
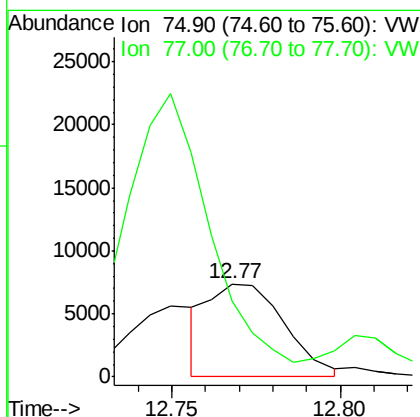
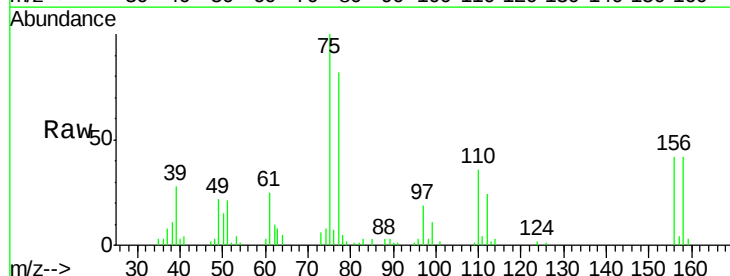
Manual Integrations
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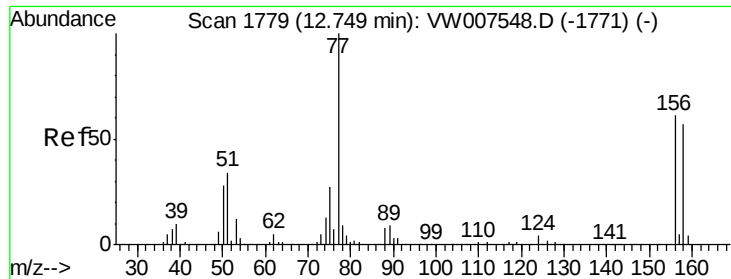
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 23.276 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	345.5	166.9	500.8





#77

Bromobenzene

Concen: 21.093 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007550.D

Acq: 14 Dec 2018 23:46

Instrument :

MSVOA_W

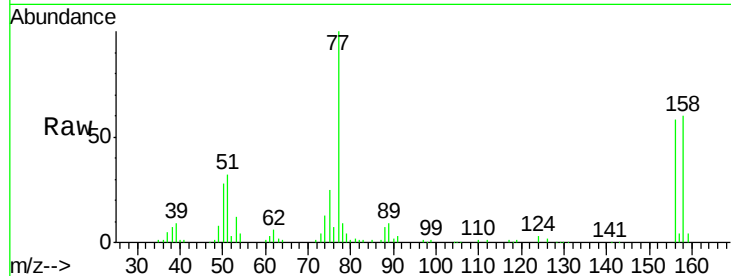
ClientSampleId :

VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	185.1	88.1	264.4
158	97.2	45.6	136.7

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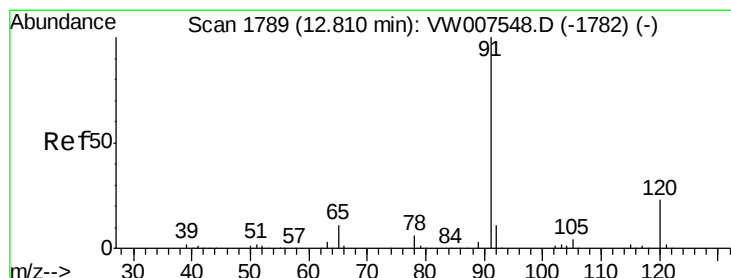
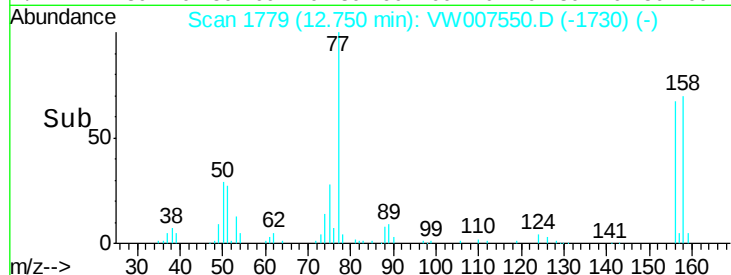
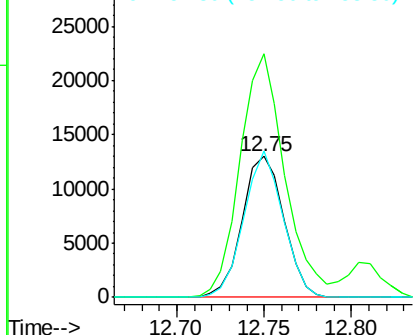
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.879 ug/l

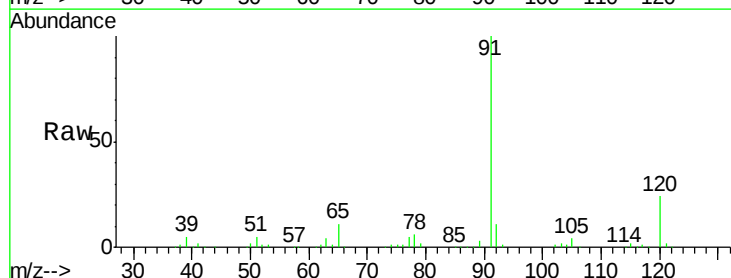
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW007550.D

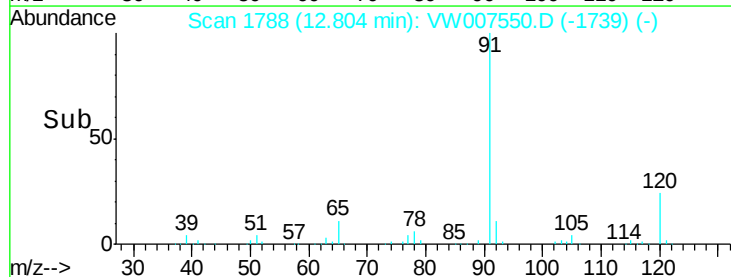
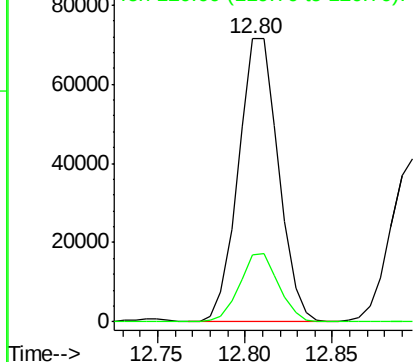
Acq: 14 Dec 2018 23:46

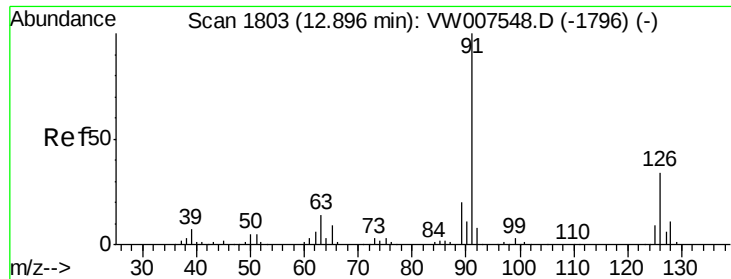
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





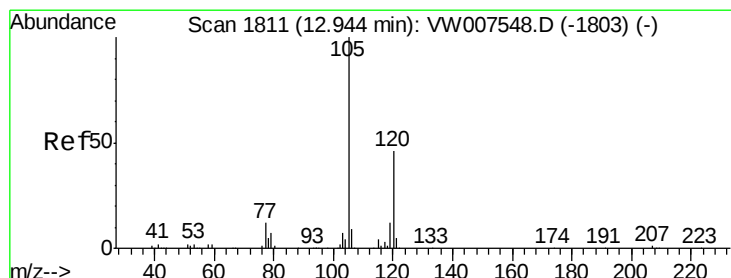
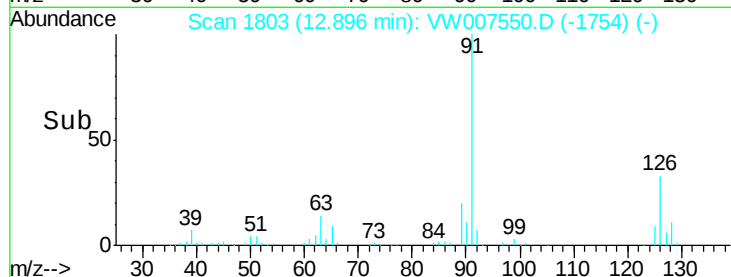
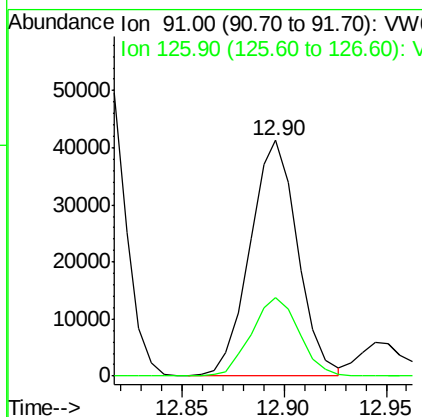
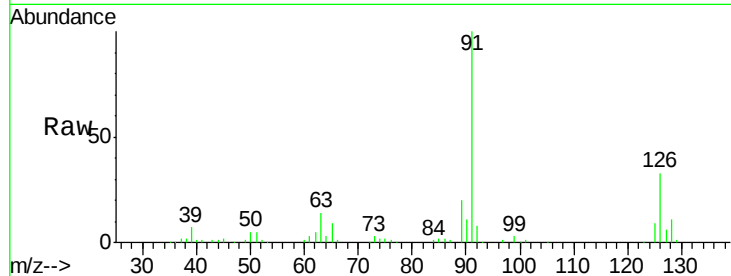
#79
2-Chlorotoluene
Concen: 21.346 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion: 91 Resp: 66992
Ion Ratio Lower Upper
91 100
126 33.7 15.9 47.6

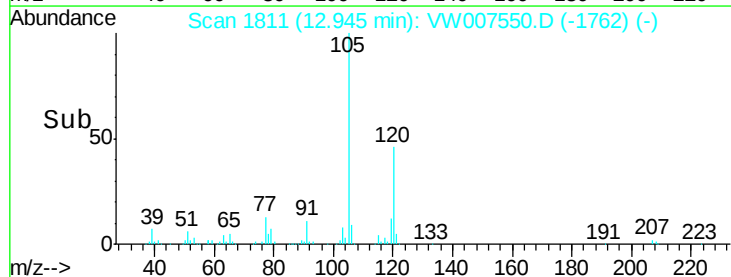
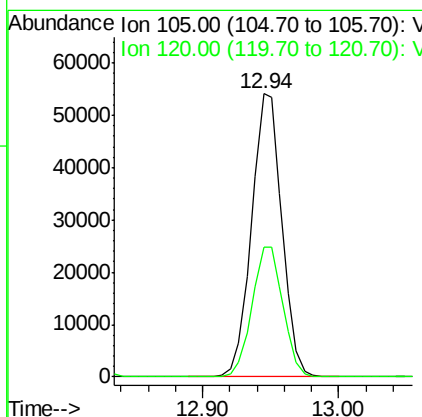
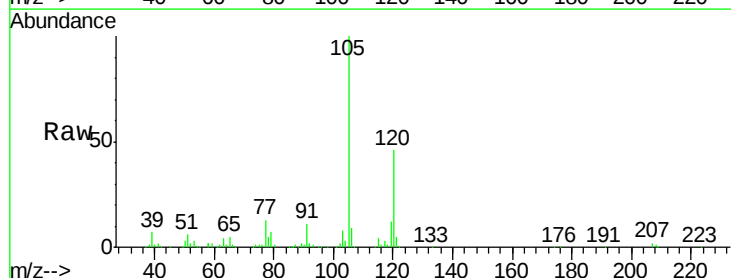
Manual Integrations
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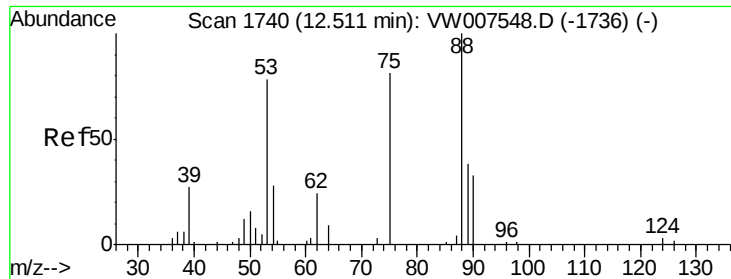
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#80
1,3,5-Trimethylbenzene
Concen: 21.846 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion: 105 Resp: 84597
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.4





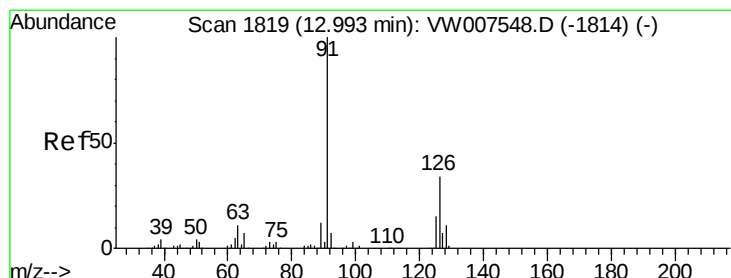
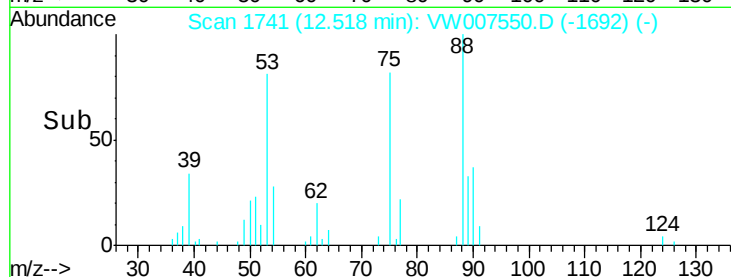
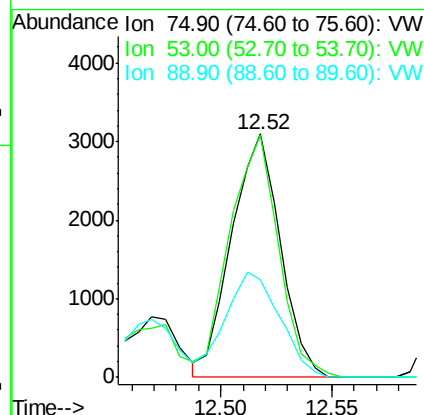
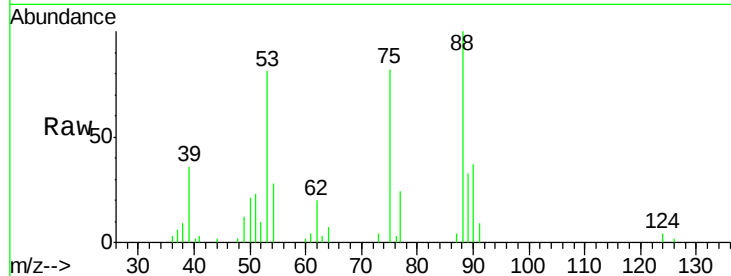
#81
trans-1,4-Dichloro-2-butene
Concen: 21.024 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.4	84.9	127.3
89	48.2	40.3	60.5

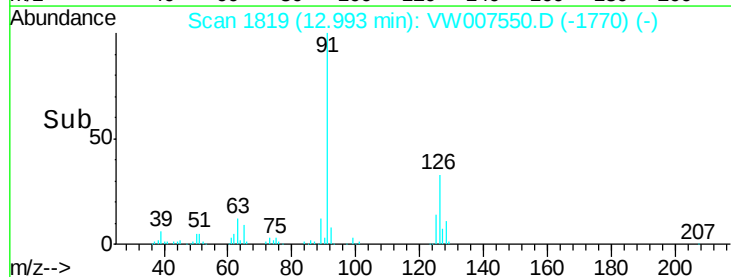
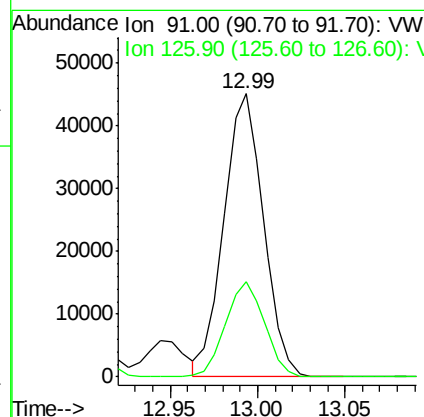
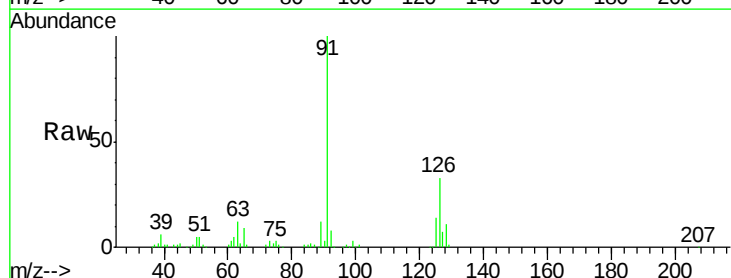
Manual Integrations
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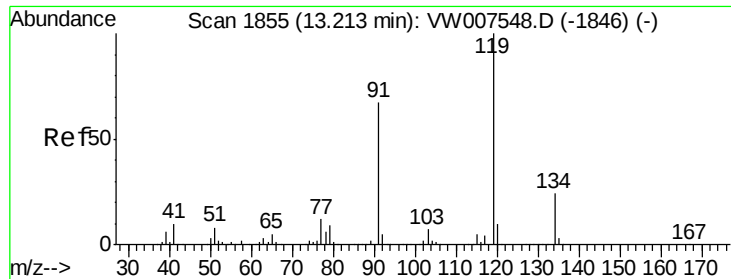
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#82
4-Chlorotoluene
Concen: 21.459 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.0	48.0





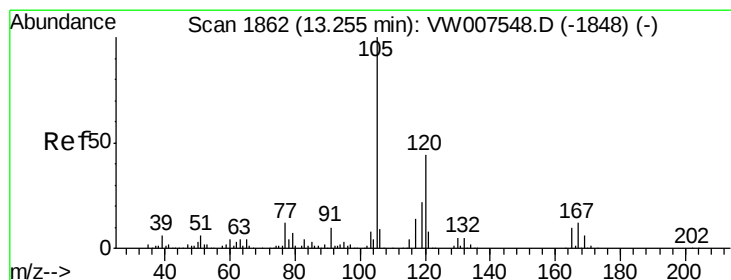
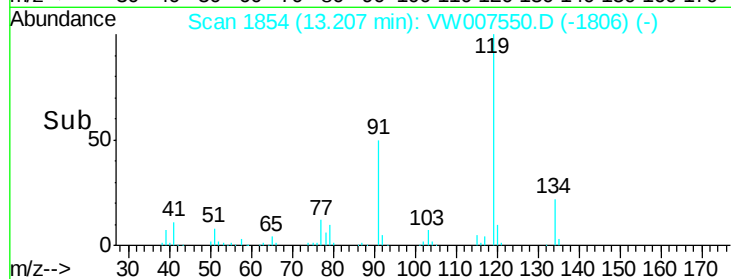
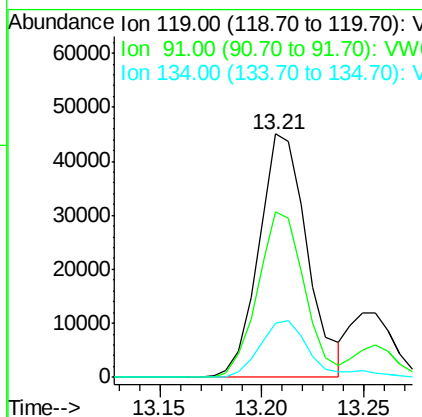
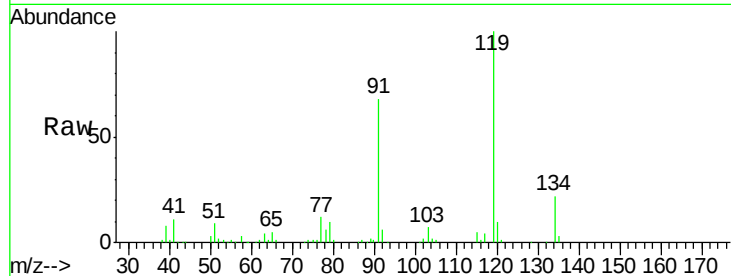
#83
 tert-Butylbenzene
 Concen: 21.772 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.1	99.2
134	24.8	12.5	37.5

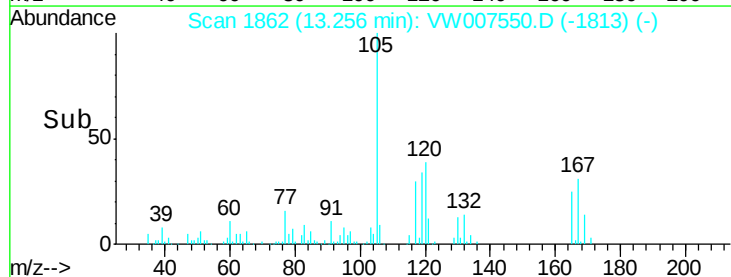
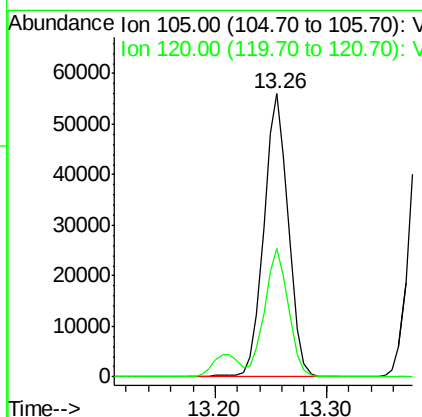
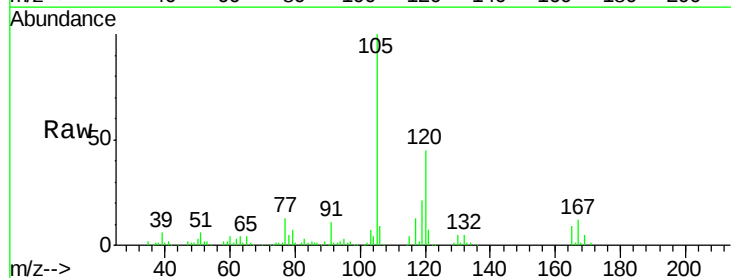
Manual Integrations
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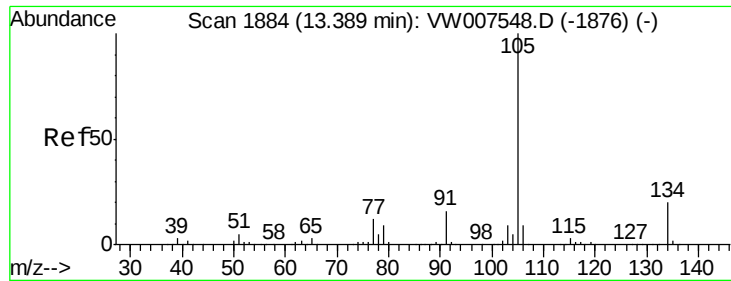
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.424 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.7





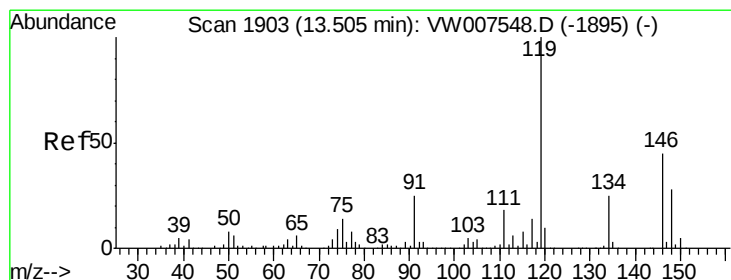
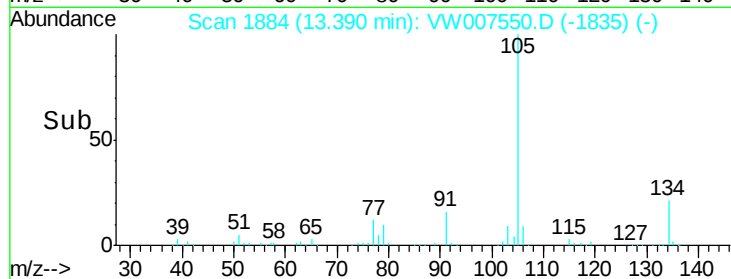
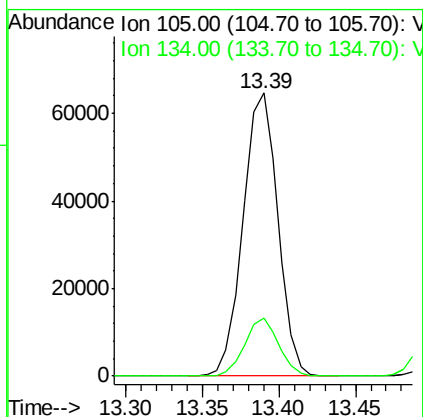
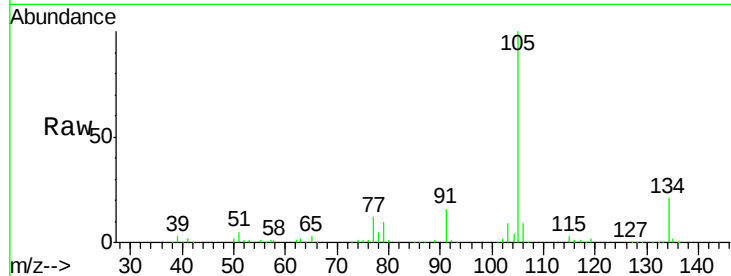
#85
 sec-Butylbenzene
 Concen: 21.937 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion:105 Resp: 102181
 Ion Ratio Lower Upper
 105 100
 134 19.9 11.1 33.3

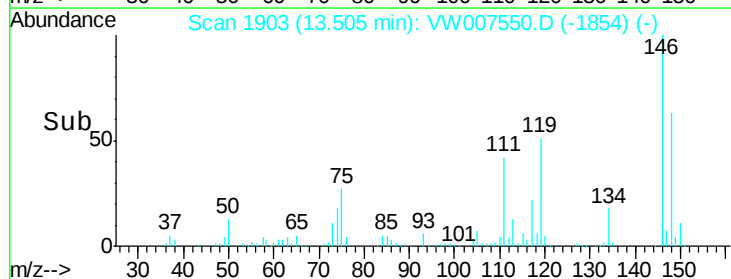
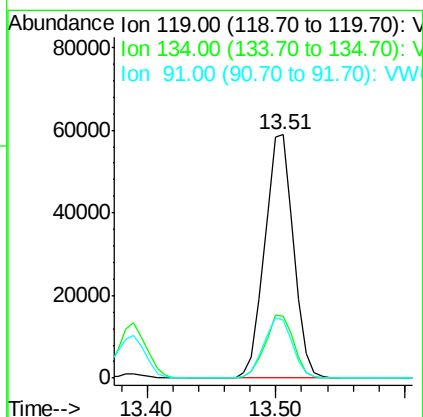
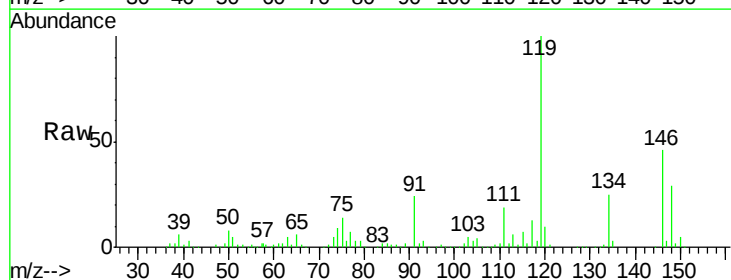
Manual Integrations
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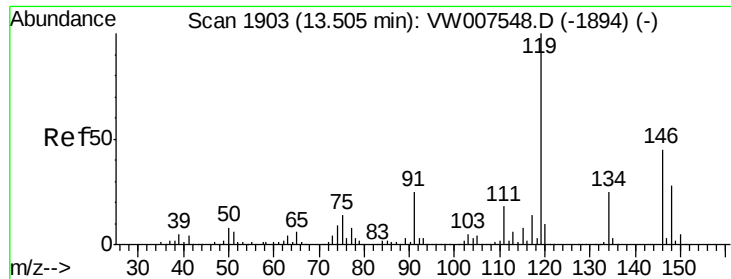
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#86
 p-Isopropyltoluene
 Concen: 21.816 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion:119 Resp: 91292
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.9 11.9 35.9





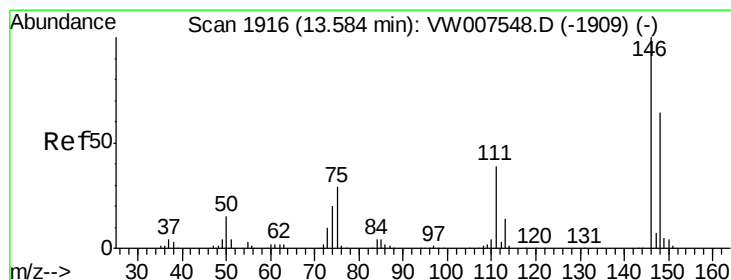
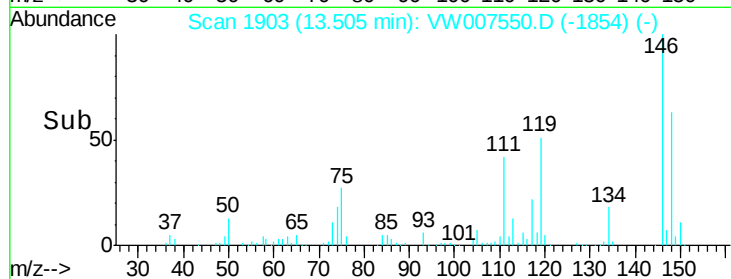
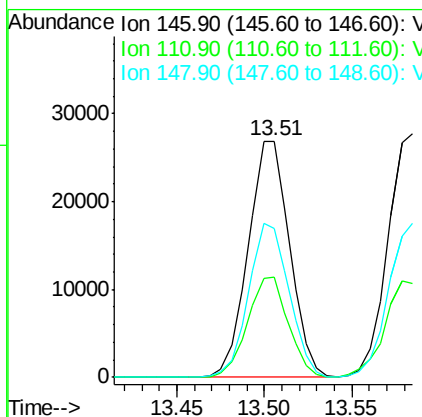
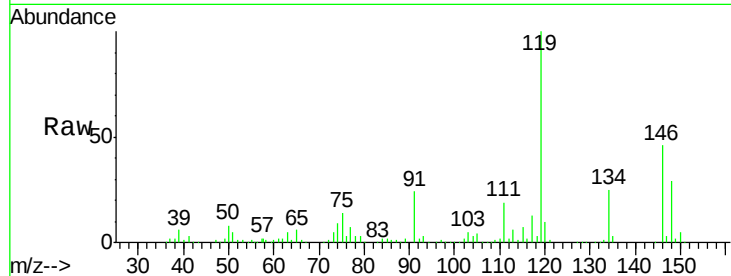
#87
 1,3-Dichlorobenzene
 Concen: 21.759 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.3
148	63.7	31.4	94.0

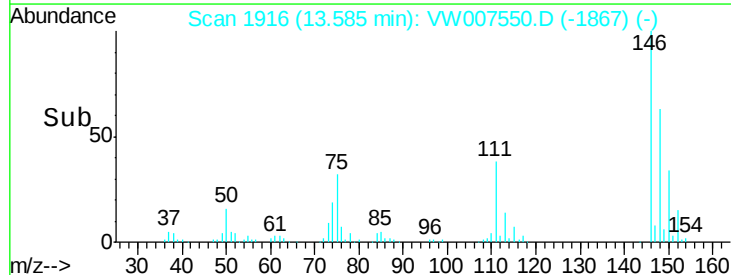
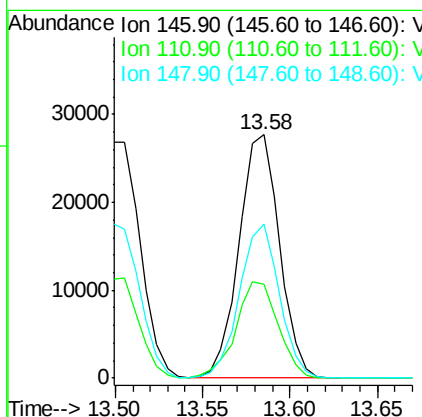
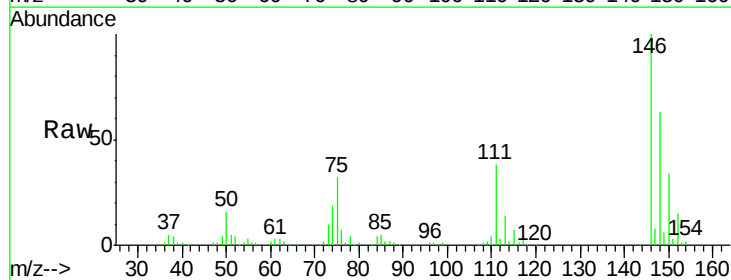
Manual Integrations
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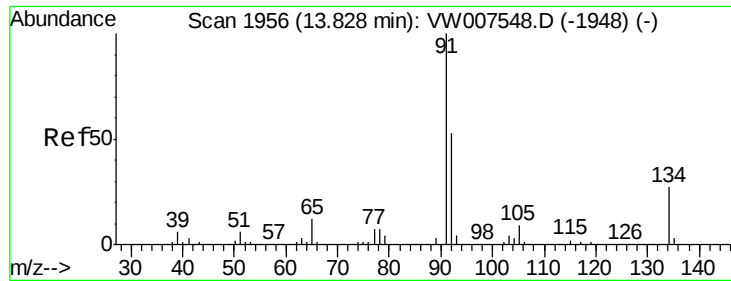
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#88
 1,4-Dichlorobenzene
 Concen: 21.781 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	62.1	33.5	100.5





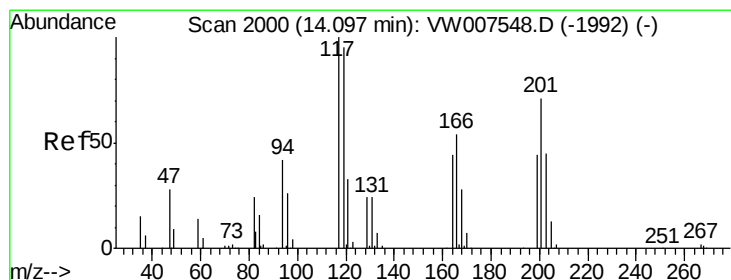
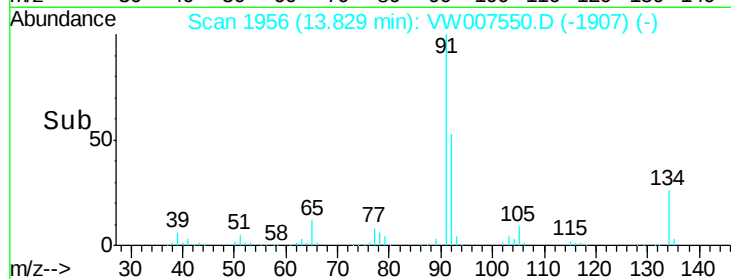
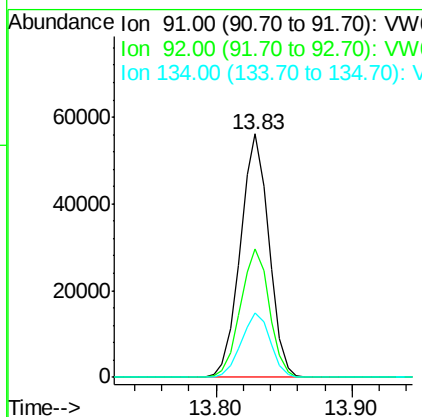
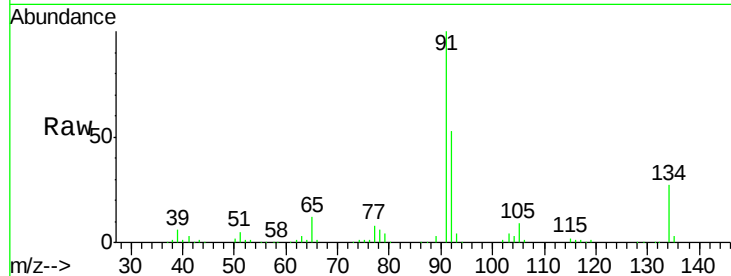
#89
n-Butylbenzene
Concen: 21.171 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.7	77.1
134	27.2	13.4	40.2

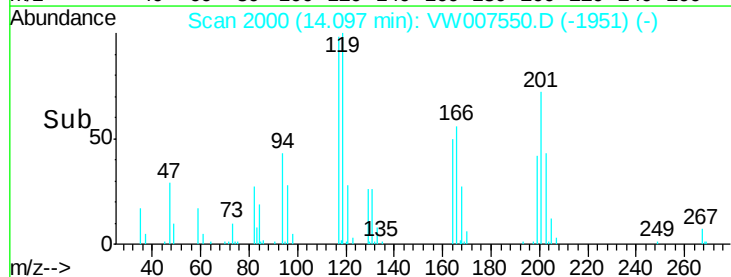
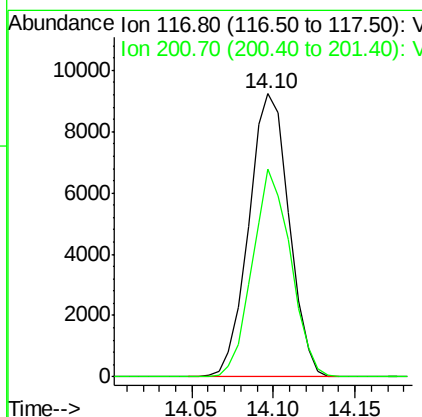
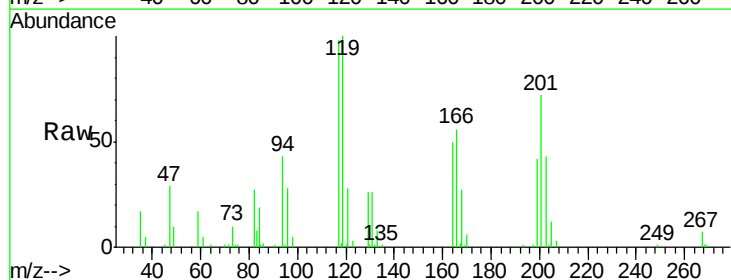
Manual Integrations
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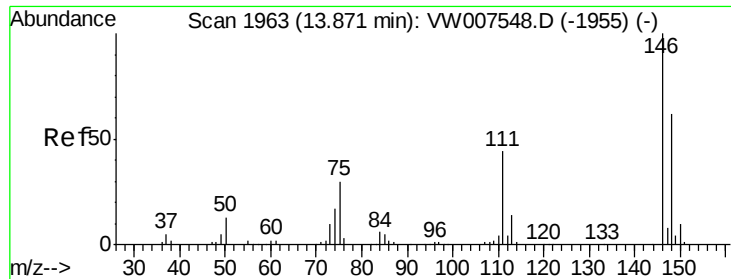
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#90
Hexachloroethane
Concen: 21.235 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.0	35.3	105.9





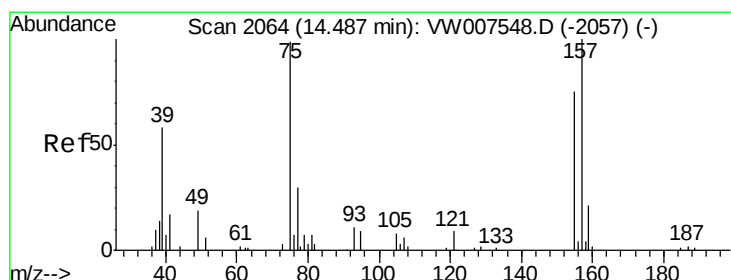
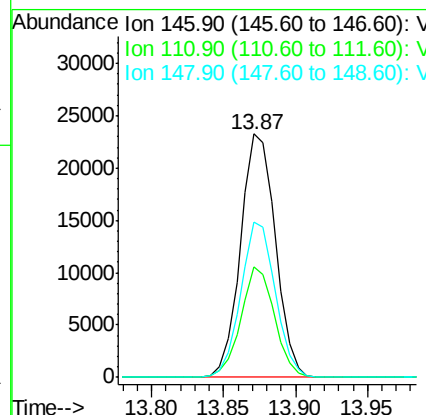
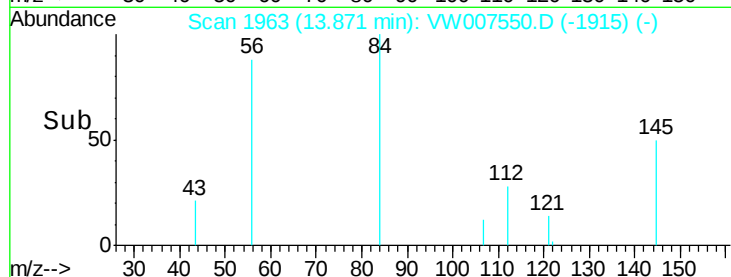
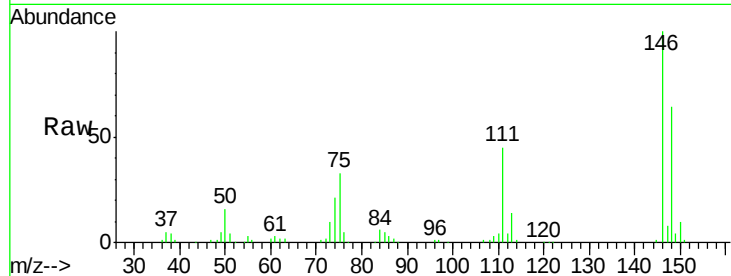
#91
 1,2-Dichlorobenzene
 Concen: 21.399 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.4	67.2
148	63.5	32.4	97.2

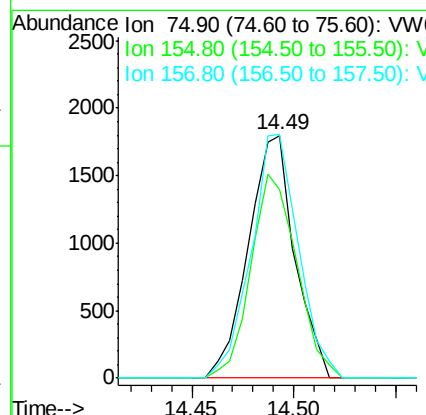
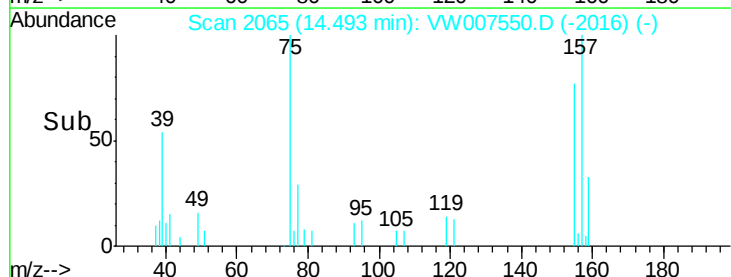
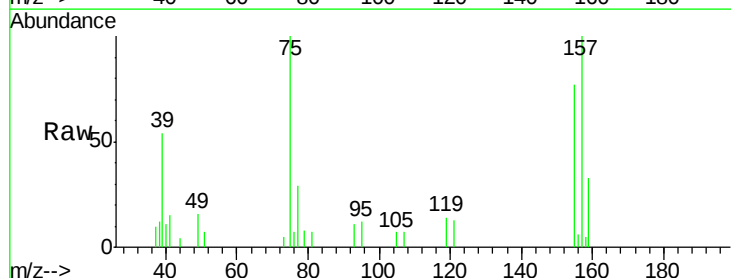
Manual Integrations
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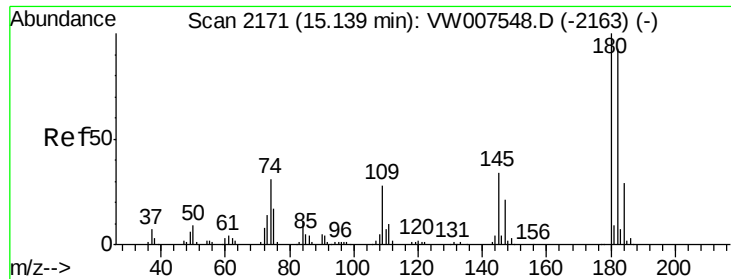
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.747 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	40.8	122.2
157	102.4	51.1	153.4





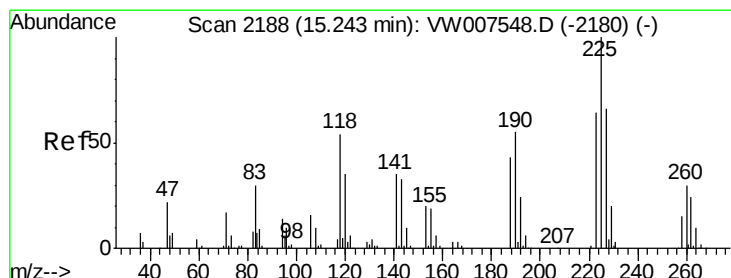
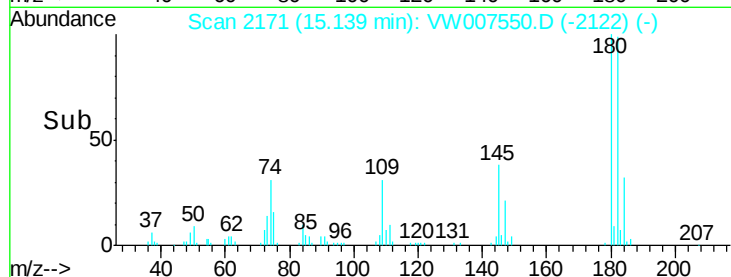
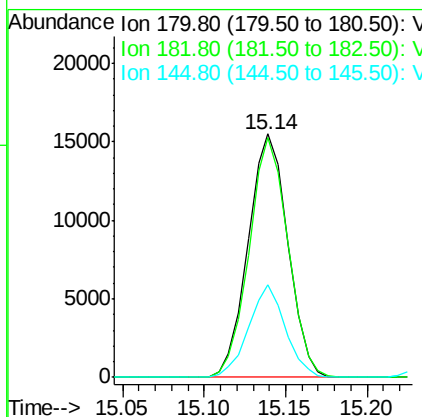
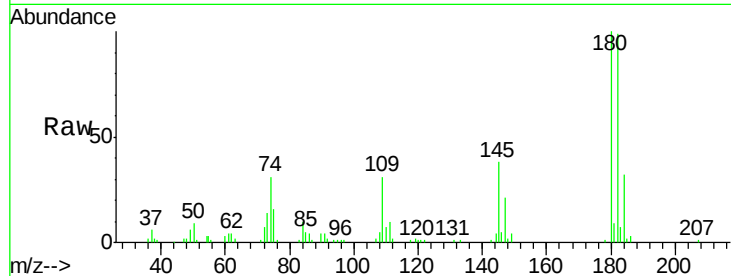
#93
 1,2,4-Trichlorobenzene
 Concen: 20.847 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	26173		
182	96.2	49.9	149.6	
145	35.3	17.8	53.4	

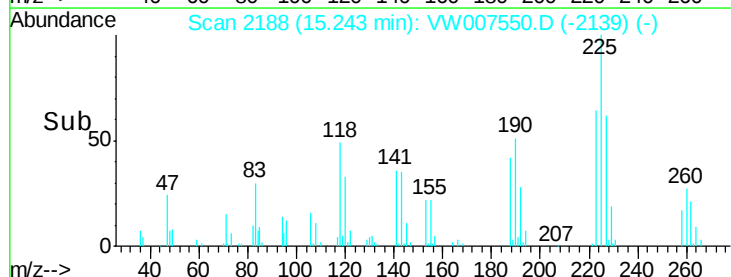
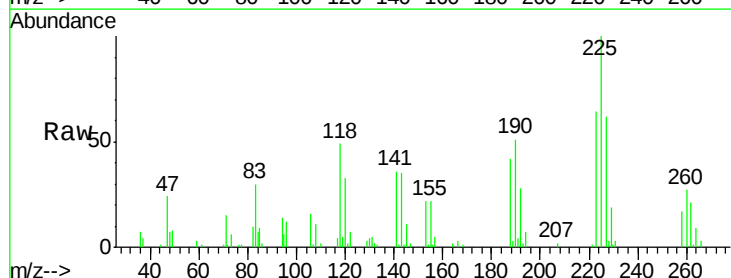
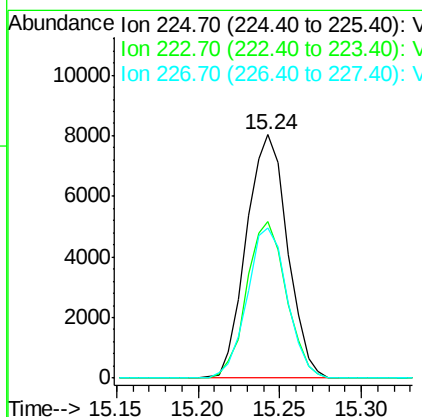
Manual Integrations
 APPROVED

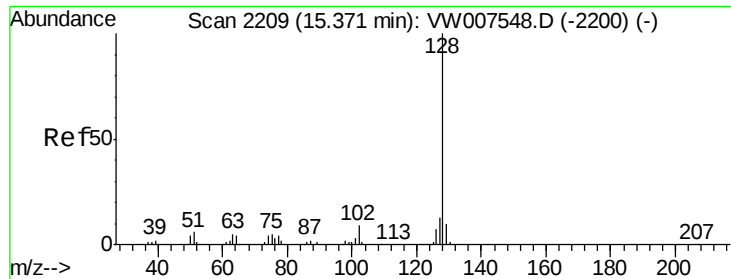
apatel
 12/17/2018 1:45:26 PM



#94
 Hexachlorobutadiene
 Concen: 21.068 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007550.D
 Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	14034		
223	62.0	32.1	96.3	
227	60.0	31.9	95.9	





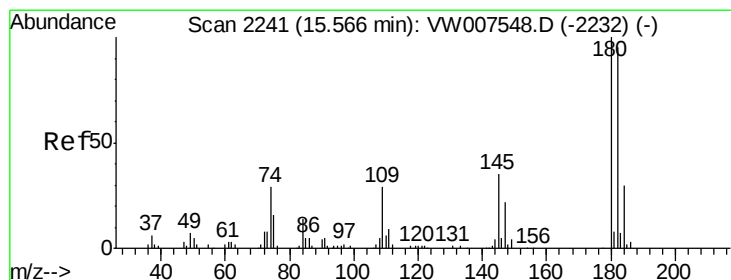
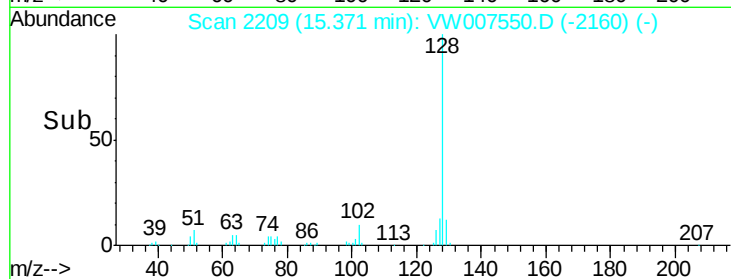
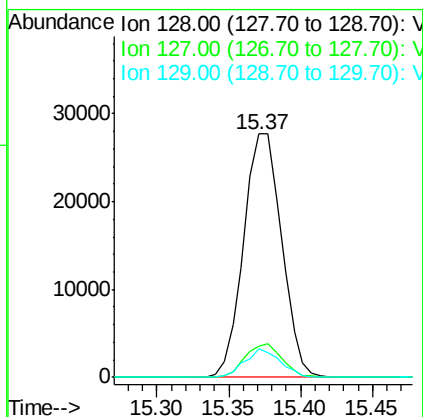
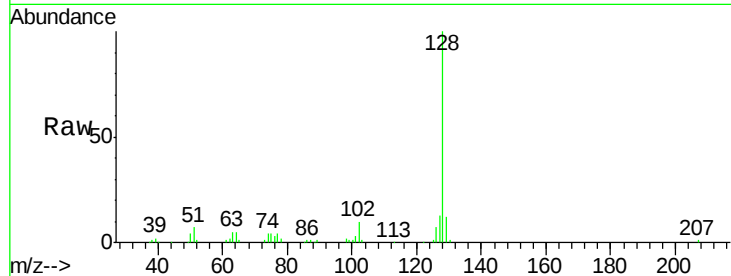
#95
Naphthalene
Concen: 21.168 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.9	8.3	12.5

Manual Integrations
APPROVED

apatel
12/17/2018 1:45:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.960 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007550.D
Acq: 14 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	45.6	136.7
145	36.2	17.5	52.5

