

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122318\
 Data File : VW007840.D
 Acq On : 22 Dec 2018 13:36
 Operator : SY/AP
 Sample : J6386-13MS
 Misc : 6.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Quant Time: Dec 23 23:51:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	83666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39327	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
35) Dibromofluoromethane	7.88	113	35046	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.32	98	118996	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.62	95	36699	37.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	28956	50.252	ug/l	99
3) Chloromethane	2.22	50	24836	70.192	ug/l	96
4) Vinyl Chloride	2.37	62	32217	71.528	ug/l	97
5) Bromomethane	2.79	94	21523	68.607	ug/l	88
6) Chloroethane	2.93	64	18144	75.297	ug/l	96
7) Trichlorofluoromethane	3.26	101	22812	48.648	ug/l	96
8) Diethyl Ether	3.68	74	18805	65.473	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29288	42.409	ug/l	98
10) Methyl Iodide	4.27	142	59689	54.349	ug/l	94
11) Tert butyl alcohol	5.17	59	13630	284.411	ug/l	99
12) 1,1-Dichloroethene	4.03	96	33687	52.677	ug/l	97
13) Acrolein	3.89	56	5505	143.667	ug/l	99
14) Allyl chloride	4.67	41	53548	63.853	ug/l	91
15) Acrylonitrile	5.37	53	38159	311.457	ug/l	98
16) Acetone	4.12	43	75920	570.683	ug/l	95
17) Carbon Disulfide	4.37	76	97707	49.373	ug/l	99
18) Methyl Acetate	4.67	43	58014	183.366	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63464	69.127	ug/l	95
20) Methylene Chloride	4.91	84	38327	58.707	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	37034	52.656	ug/l	92
22) Diisopropyl ether	6.31	45	104001	66.231	ug/l	96
23) Vinyl Acetate	6.26	43	51402	55.096	ug/l	98
24) 1,1-Dichloroethane	6.21	63	65544	56.739	ug/l	99
25) 2-Butanone	7.17	43	46299	297.129	ug/l	93
26) 2,2-Dichloropropane	7.17	77	45547	53.881	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	41737	55.700	ug/l	98
28) Bromochloromethane	7.51	49	25067	63.644	ug/l	92
29) Tetrahydrofuran	7.53	42	30416	327.248	ug/l	97
30) Chloroform	7.68	83	69594	53.234	ug/l	98
31) Cyclohexane	7.95	56	39790	37.625	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	57519	48.309	ug/l	99
36) 1,1-Dichloropropene	8.08	75	47989	44.878	ug/l	99
37) Ethyl Acetate	7.26	43	12765	34.590	ug/l	98
38) Carbon Tetrachloride	8.07	117	47200	37.480	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122318\
 Data File : VW007840.D
 Acq On : 22 Dec 2018 13:36
 Operator : SY/AP
 Sample : J6386-13MS
 Misc : 6.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Quant Time: Dec 23 23:51:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33678	25.345	ug/l	95
40) Benzene	8.32	78	148680	52.104	ug/l	99
41) Methacrylonitrile	7.49	41	14589	69.629	ug/l #	83
42) 1,2-Dichloroethane	8.40	62	48466	50.683	ug/l	98
43) Isopropyl Acetate	8.43	43	31031	41.970	ug/l	96
44) Trichloroethene	9.09	130	37463	43.413	ug/l	99
45) 1,2-Dichloropropane	9.37	63	35141	55.501	ug/l	99
46) Dibromomethane	9.46	93	19595	50.275	ug/l	99
47) Bromodichloromethane	9.65	83	47979	46.825	ug/l	100
48) Methyl methacrylate	9.43	41	26129	70.800	ug/l	93
49) 1,4-Dioxane	9.45	88	6274	1015.304	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	99744	285.457	ug/l	100
52) Toluene	10.39	92	121751	63.594	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	50578	49.626	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	57266	50.869	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28725	53.460	ug/l	93
56) Ethyl methacrylate	10.65	69	21775	34.300	ug/l	91
57) 1,3-Dichloropropane	10.93	76	47618	53.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	88347	304.801	ug/l	99
59) 2-Hexanone	10.97	43	65681	267.283	ug/l	98
60) Dibromochloromethane	11.13	129	30665	43.103	ug/l	100
61) 1,2-Dibromoethane	11.24	107	27664	50.842	ug/l	100
64) Tetrachloroethene	10.86	164	23512	39.685	ug/l	98
65) Chlorobenzene	11.66	112	87634	48.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32011	49.471	ug/l	98
67) Ethyl Benzene	11.73	91	147028	47.314	ug/l	97
68) m/p-Xylenes	11.84	106	120385	99.868	ug/l	100
69) o-Xylene	12.17	106	56133	49.678	ug/l	95
70) Styrene	12.18	104	86939	46.807	ug/l	100
71) Bromoform	12.35	173	15533	46.243	ug/l #	99
73) Isopropylbenzene	12.47	105	120401	57.530	ug/l	97
74) N-amyl acetate	12.27	43	14842	40.942	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	27430	87.416	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37969	177.430	ug/l #	100
77) Bromobenzene	12.75	156	31694	66.081	ug/l	93
78) n-propylbenzene	12.81	91	122272	50.190	ug/l	99
79) 2-Chlorotoluene	12.90	91	79038	55.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	90098	49.910	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	9015	88.428	ug/l	95
82) 4-Chlorotoluene	12.99	91	84176	55.705	ug/l	99
83) tert-Butylbenzene	13.21	119	72782	45.950	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	92882	50.990	ug/l	100
85) sec-Butylbenzene	13.39	105	84156	38.551	ug/l	98
86) p-Isopropyltoluene	13.51	119	76477	38.528	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	45498	47.778	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	47751	50.129	ug/l	99
89) n-Butylbenzene	13.83	91	59270	32.566	ug/l	99
90) Hexachloroethane	14.10	117	10684	30.658	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	41542	48.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4727	73.355	ug/l	98

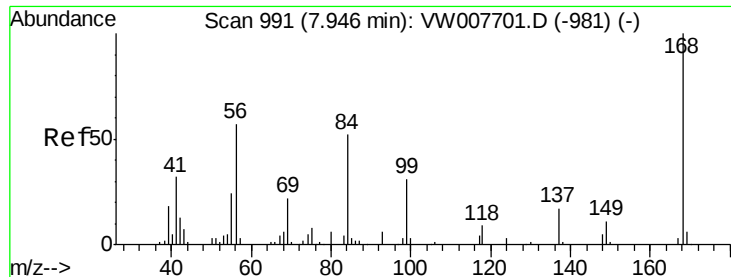
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
Data File : VW007840.D
Acq On : 22 Dec 2018 13:36
Operator : SY/AP
Sample : J6386-13MS
Misc : 6.02G/5ML/MSVOA_W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Quant Time: Dec 23 23:51:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	14994	25.334	ug/l	98
94) Hexachlorobutadiene	15.24	225	5705	18.037	ug/l	98
95) Naphthalene	15.37	128	49825	45.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	11682	23.059	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

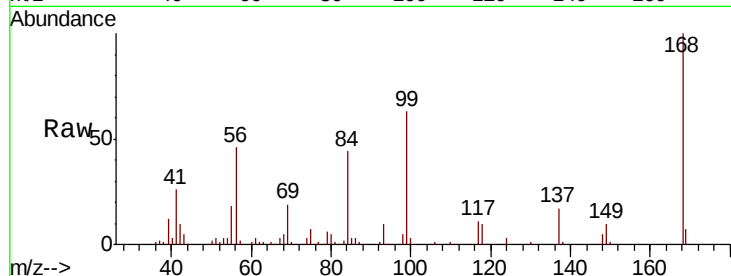
P001-SS006-1824-01MS

Tgt Ion:168 Resp: 64817

Ion Ratio Lower Upper

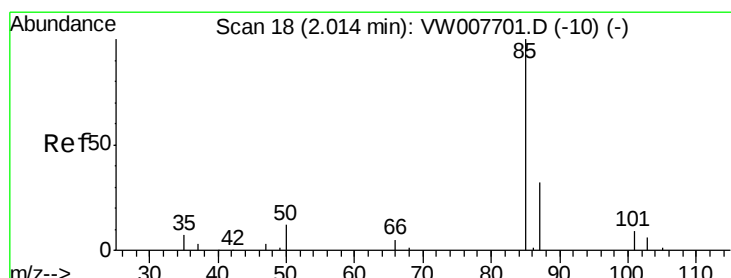
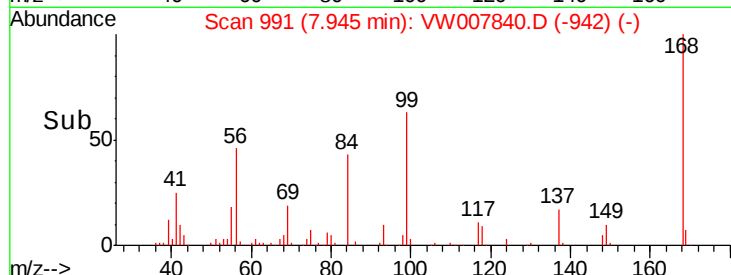
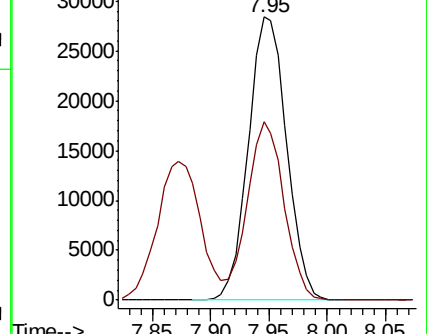
168 100

99 63.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 50.252 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007840.D

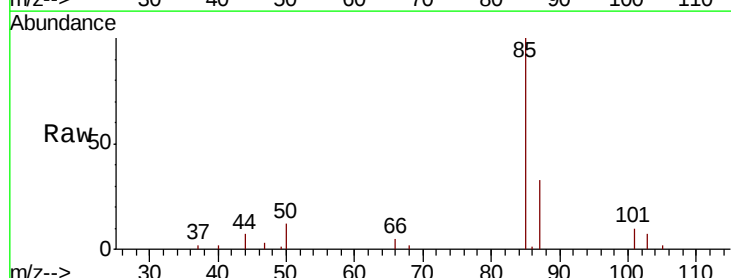
Acq: 22 Dec 2018 13:36

Tgt Ion: 85 Resp: 28956

Ion Ratio Lower Upper

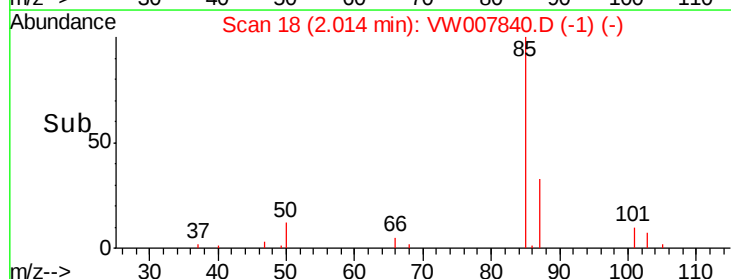
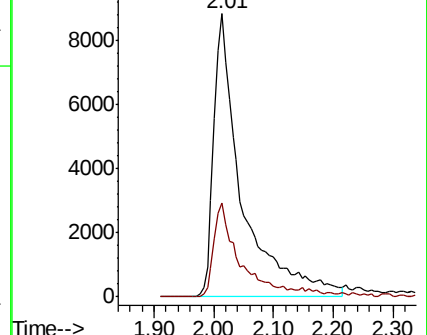
85 100

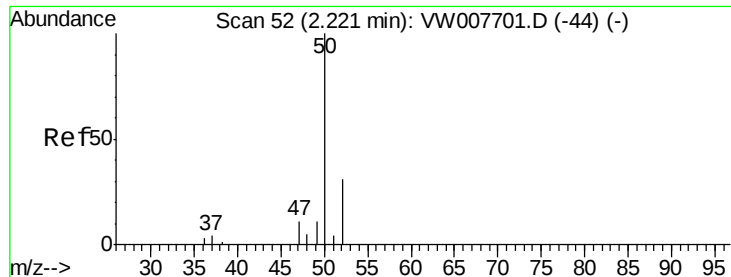
87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 70.192 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

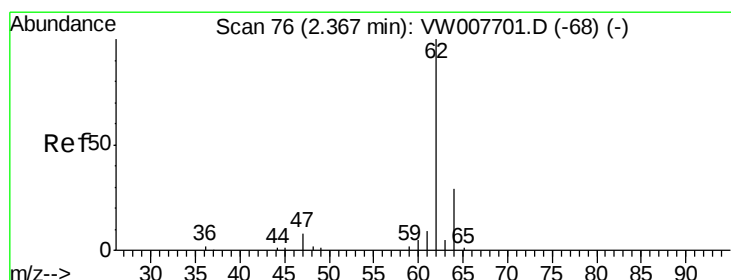
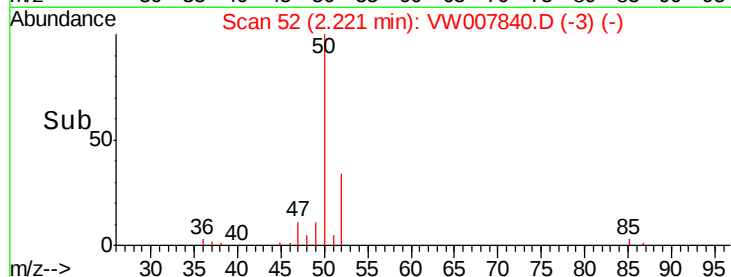
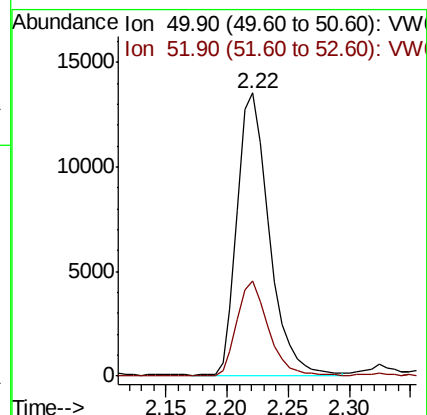
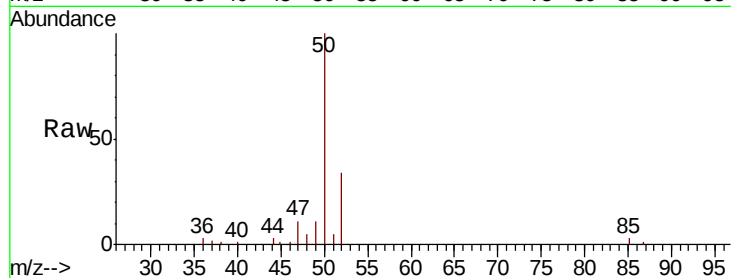
P001-SS006-1824-01MS

Tgt Ion: 50 Resp: 24836

Ion Ratio Lower Upper

50 100

52 33.7 25.1 37.7



#4

Vinyl Chloride

Concen: 71.528 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007840.D

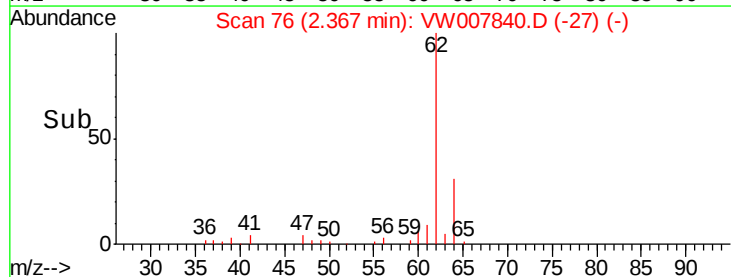
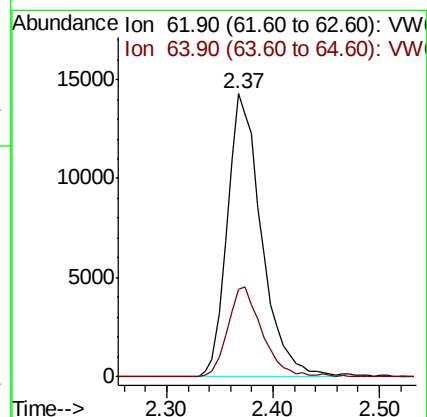
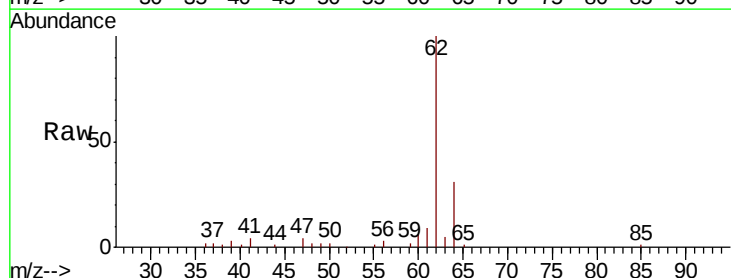
Acq: 22 Dec 2018 13:36

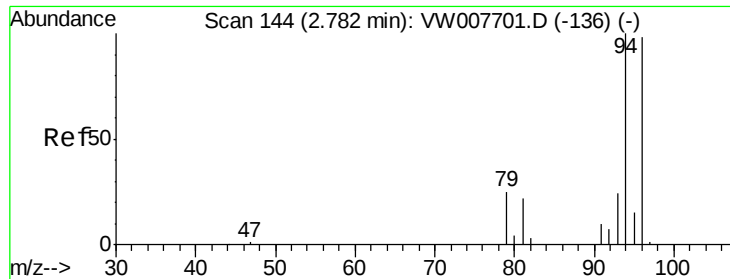
Tgt Ion: 62 Resp: 32217

Ion Ratio Lower Upper

62 100

64 30.8 23.4 35.0

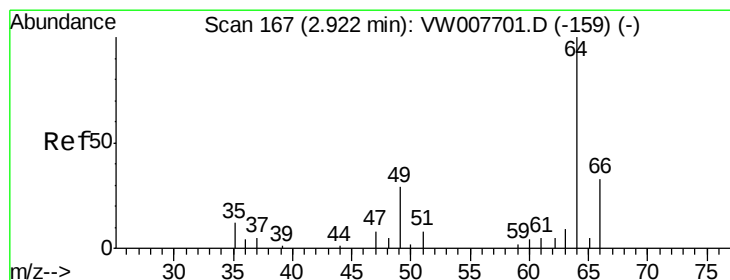
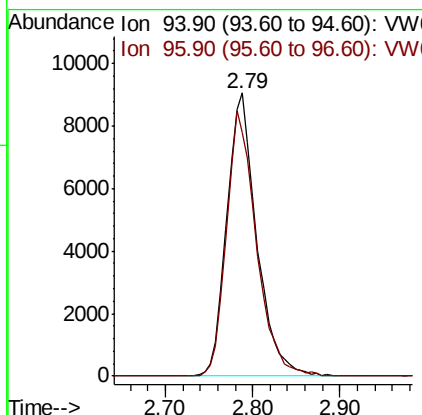
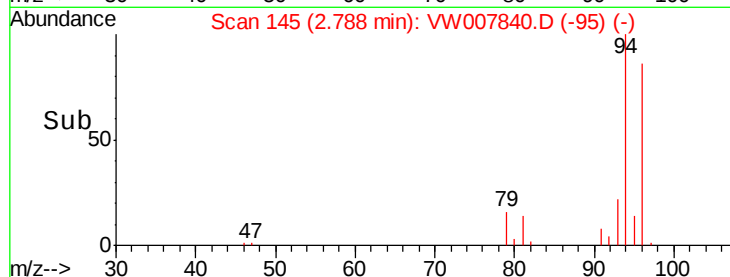
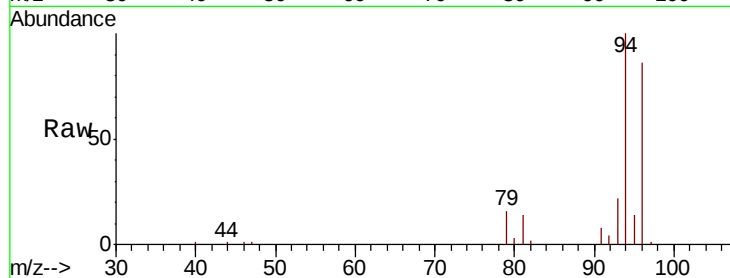




#5
Bromomethane
Concen: 68.607 ug/l
RT: 2.79 min Scan# 145
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

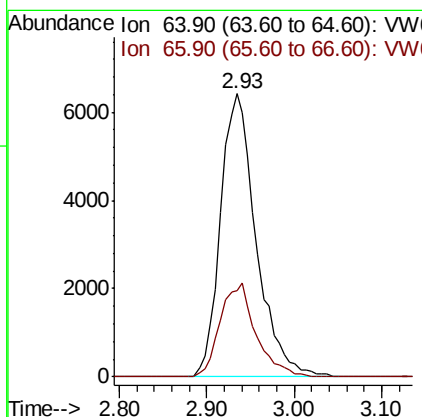
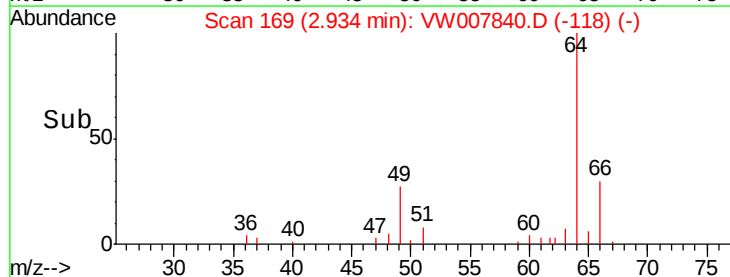
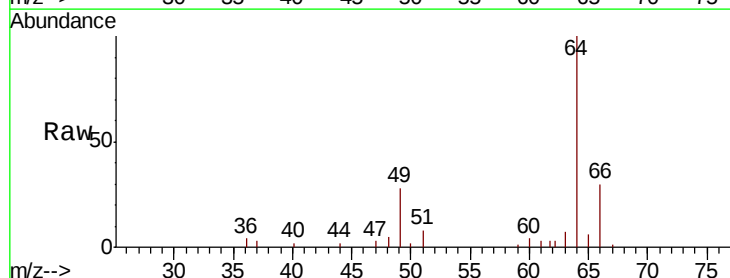
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

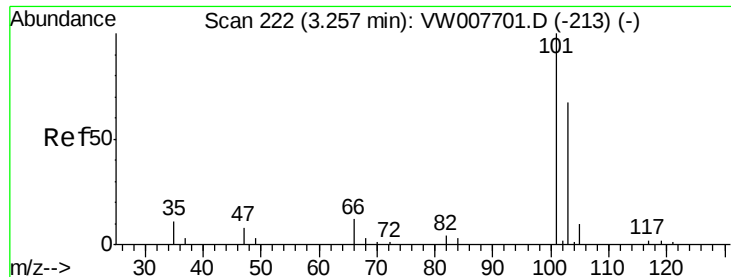
Tgt Ion: 94 Resp: 21523
Ion Ratio Lower Upper
94 100
96 86.0 78.2 117.2



#6
Chloroethane
Concen: 75.297 ug/l
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 64 Resp: 18144
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.4



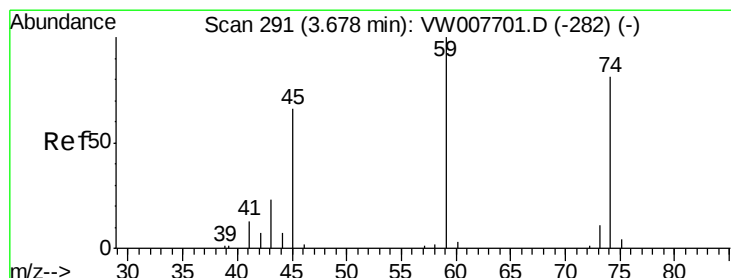
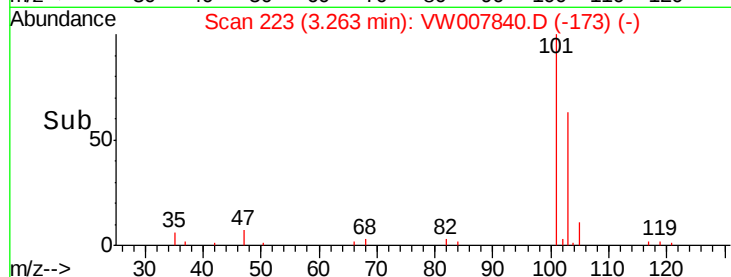
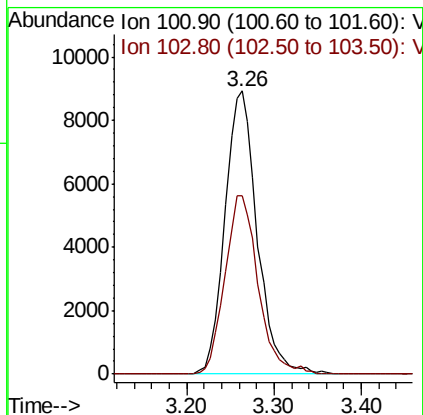
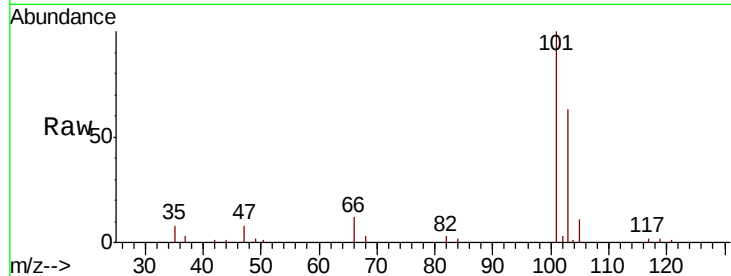


#7

Trichlorofluoromethane
 Concen: 48.648 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

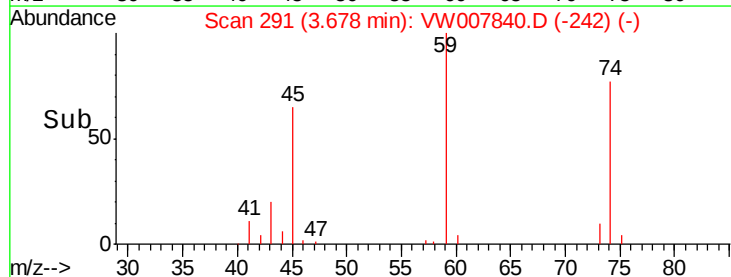
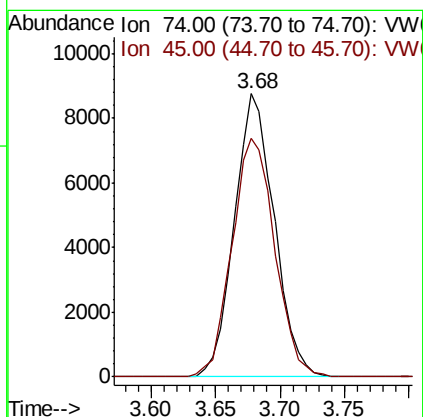
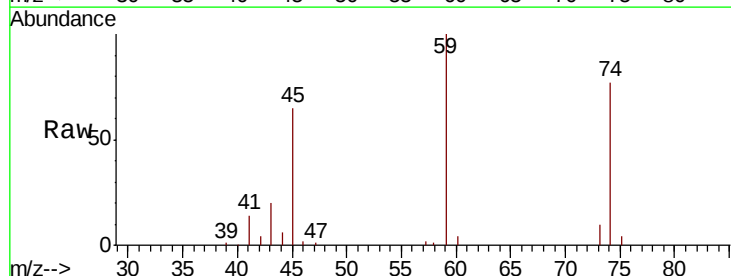
Tgt Ion: 101 Resp: 22812
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.4 80.2

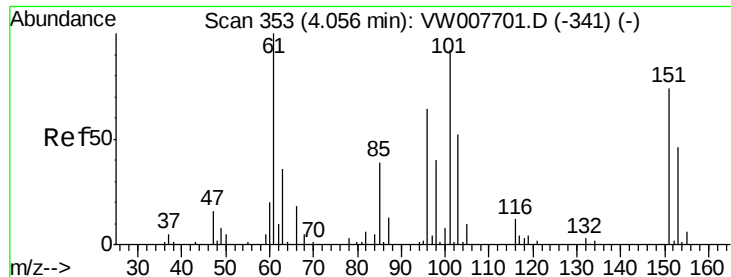


#8

Diethyl Ether
 Concen: 65.473 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 74 Resp: 18805
 Ion Ratio Lower Upper
 74 100
 45 90.5 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.409 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

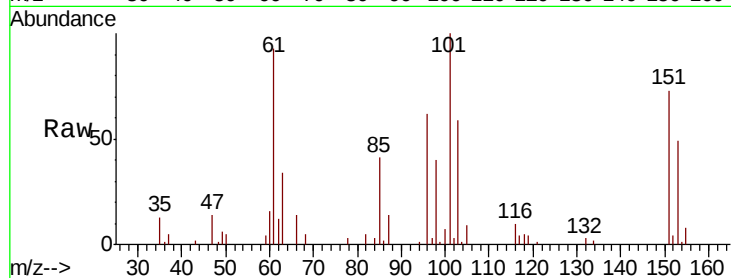
Tgt Ion:101 Resp: 29288

Ion Ratio Lower Upper

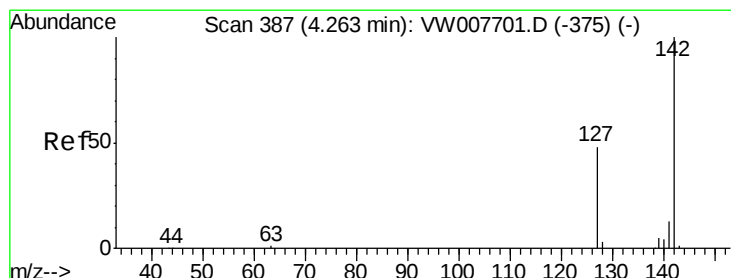
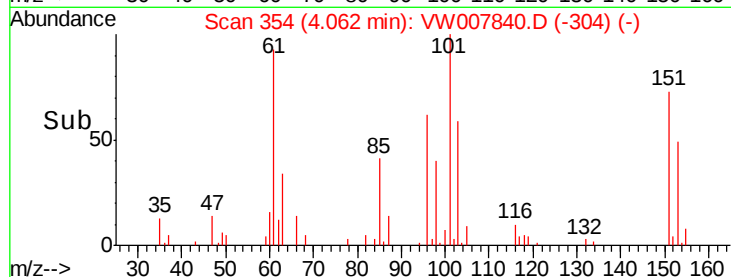
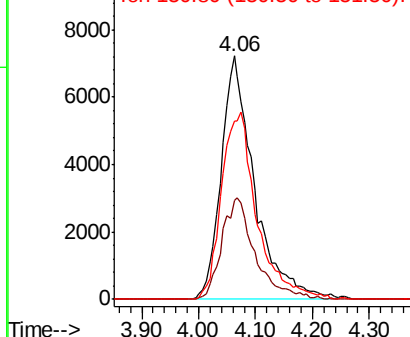
101 100

85 41.0 34.3 51.5

151 81.6 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.349 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

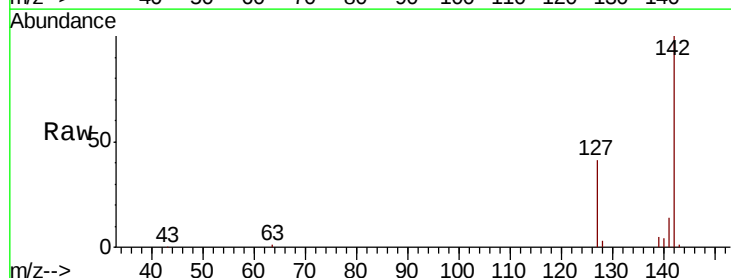
Tgt Ion:142 Resp: 59689

Ion Ratio Lower Upper

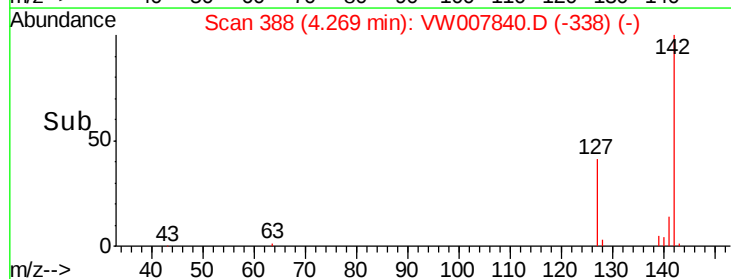
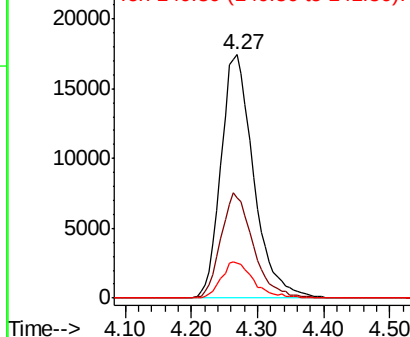
142 100

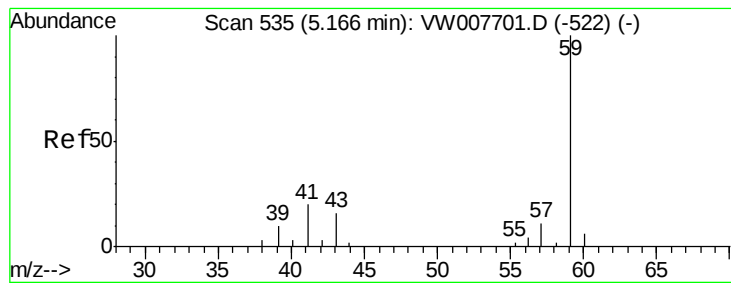
127 42.4 37.7 56.5

141 14.7 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



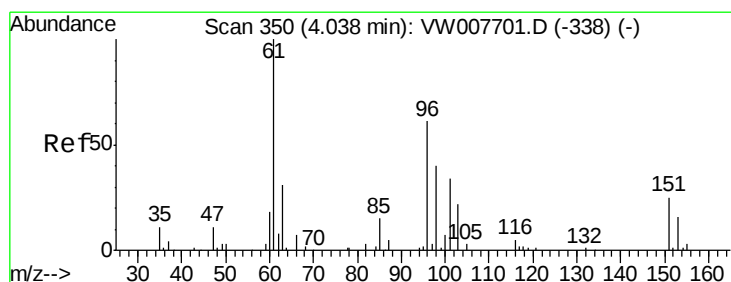
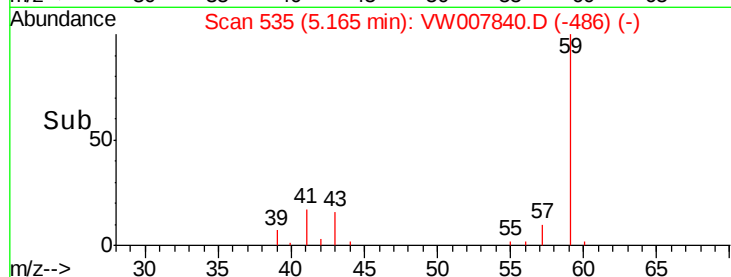
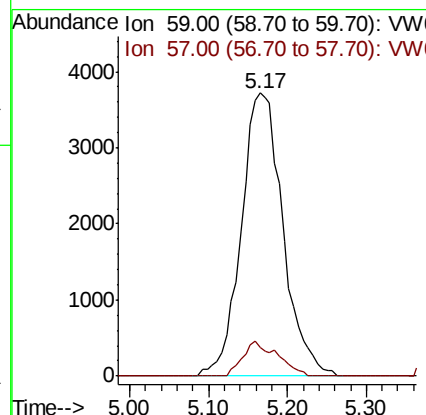
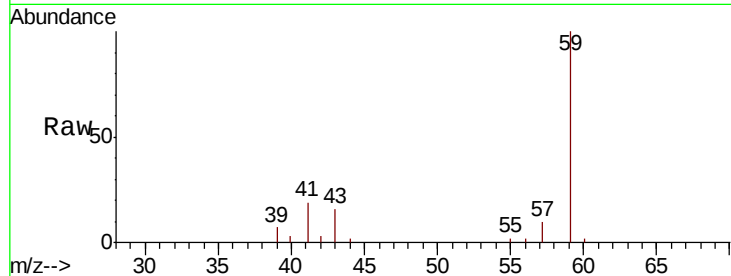


#11

Tert butyl alcohol
 Concen: 284.411 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

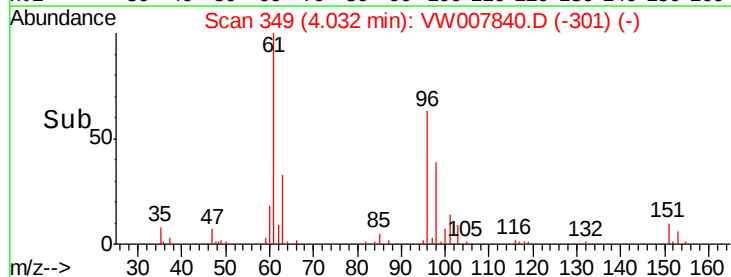
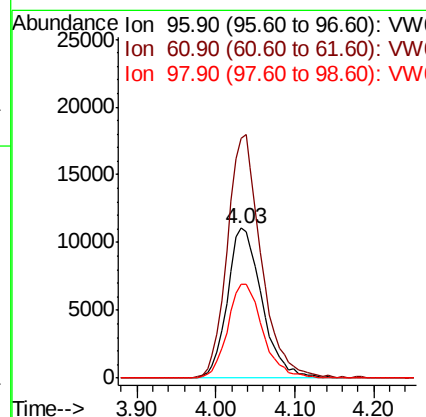
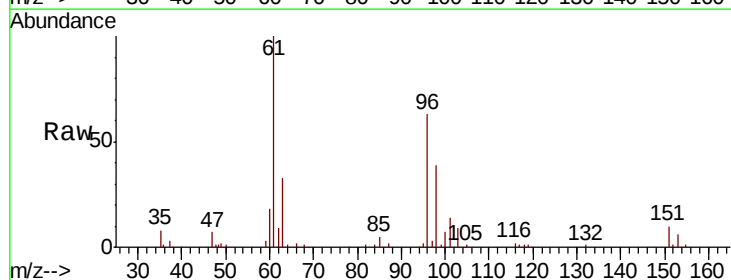
Tgt Ion: 59 Resp: 13630
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.8

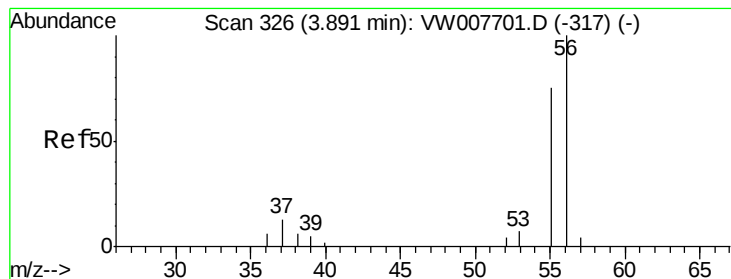


#12

1,1-Dichloroethene
 Concen: 52.677 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 96 Resp: 33687
 Ion Ratio Lower Upper
 96 100
 61 159.9 130.6 195.8
 98 62.2 52.3 78.5





#13

Acrolein

Concen: 143.667 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

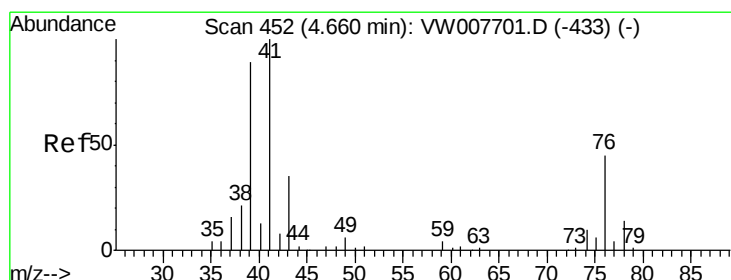
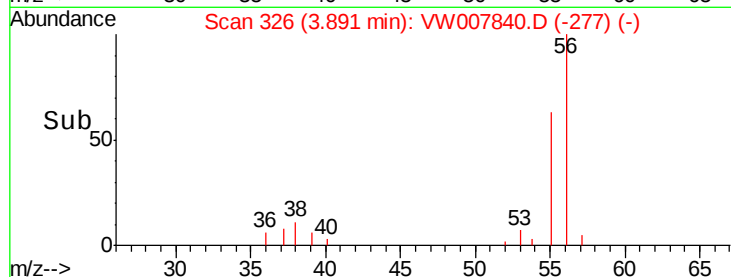
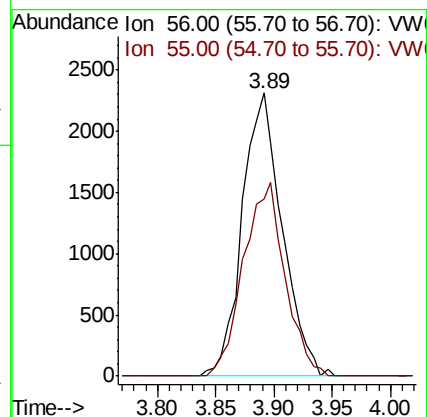
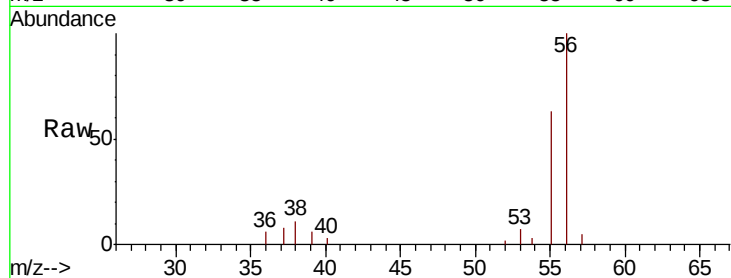
P001-SS006-1824-01MS

Tgt Ion: 56 Resp: 5505

Ion Ratio Lower Upper

56 100

55 71.3 57.7 86.5



#14

Allyl chloride

Concen: 63.853 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

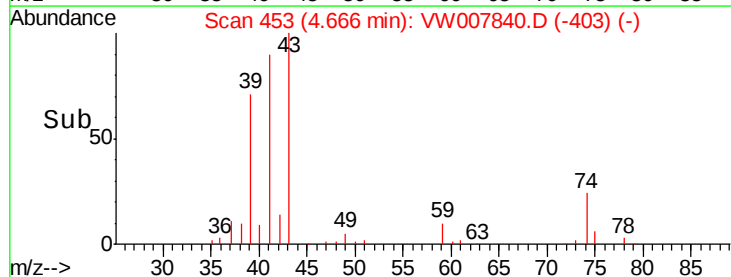
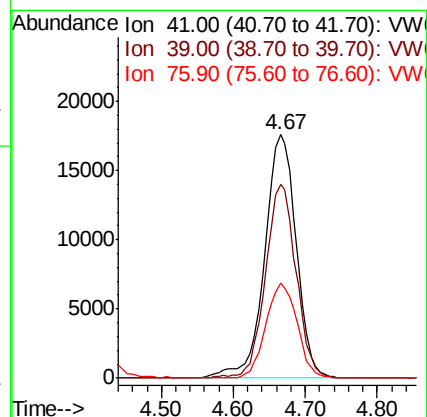
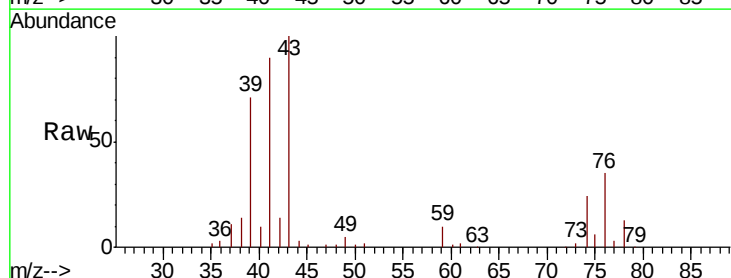
Tgt Ion: 41 Resp: 53548

Ion Ratio Lower Upper

41 100

39 77.3 69.5 104.3

76 38.6 34.8 52.2





#15

Acrylonitrile

Concen: 311.457 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

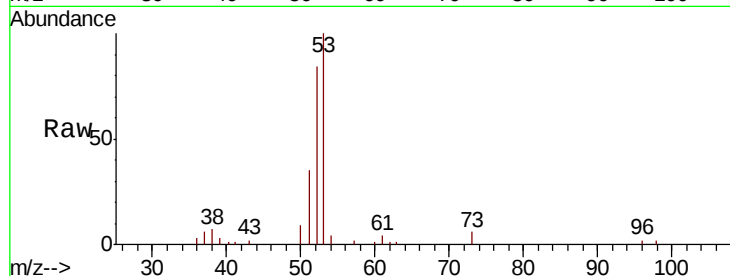
Tgt Ion: 53 Resp: 38159

Ion Ratio Lower Upper

53 100

52 85.4 67.0 100.4

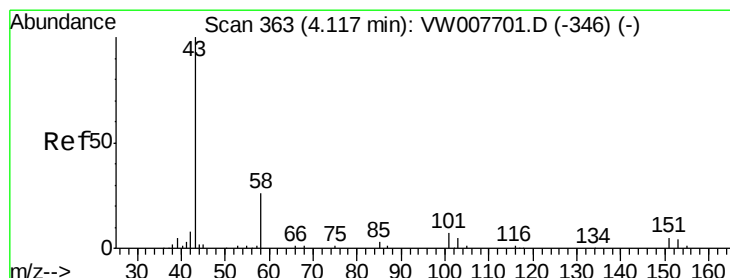
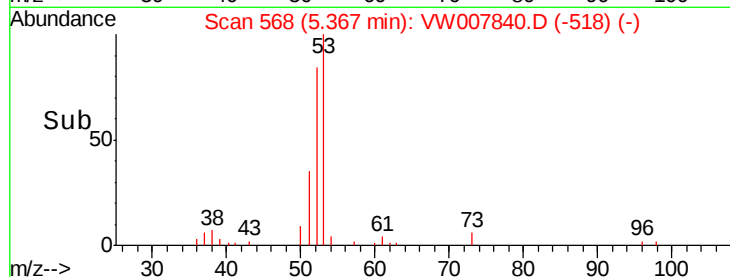
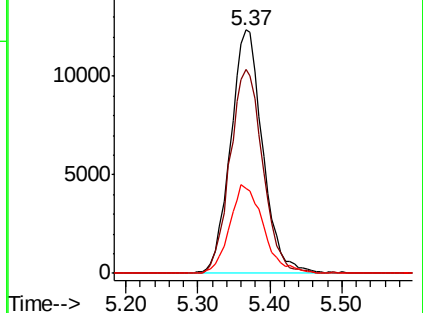
51 38.2 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 570.683 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007840.D

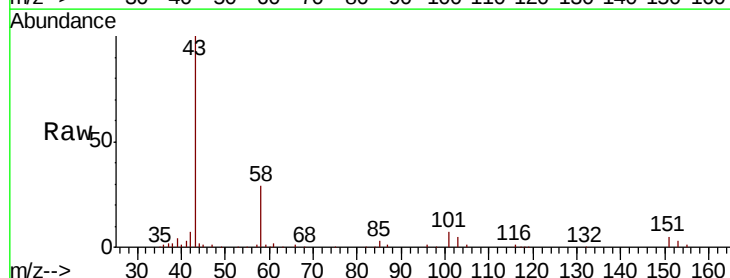
Acq: 22 Dec 2018 13:36

Tgt Ion: 43 Resp: 75920

Ion Ratio Lower Upper

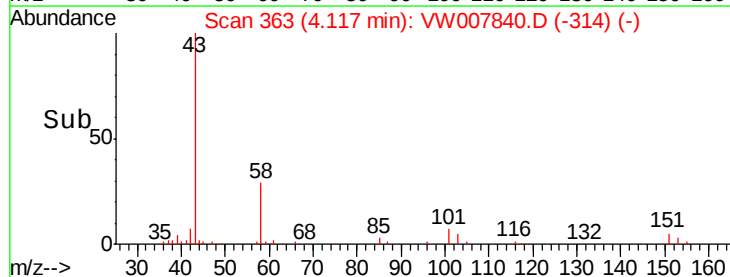
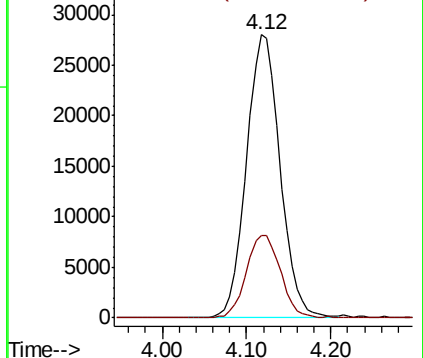
43 100

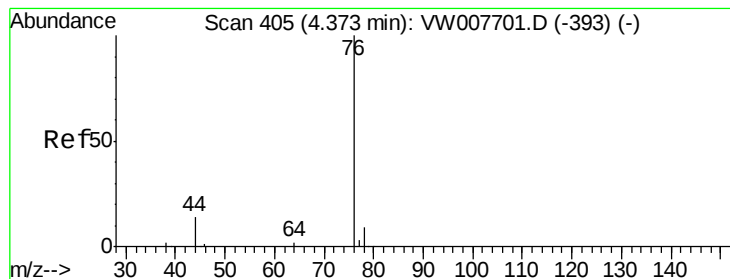
58 28.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 49.373 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

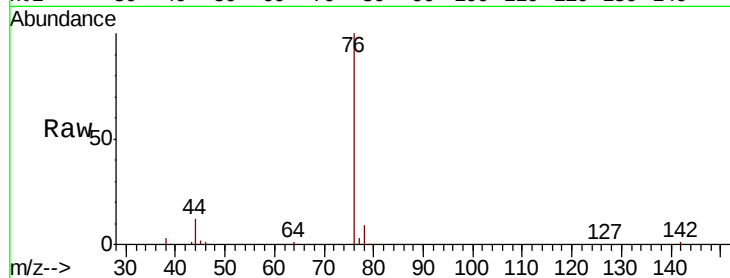
P001-SS006-1824-01MS

Tgt Ion: 76 Resp: 97707

Ion Ratio Lower Upper

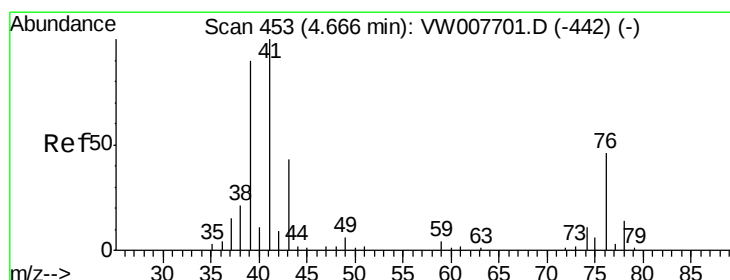
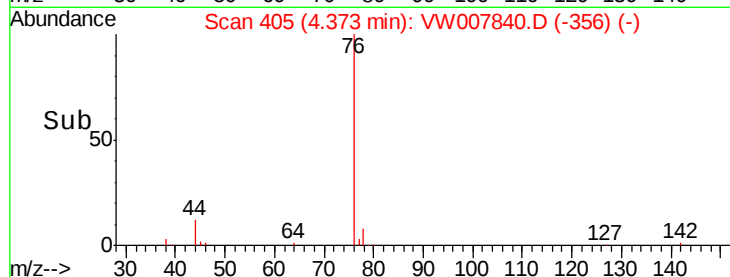
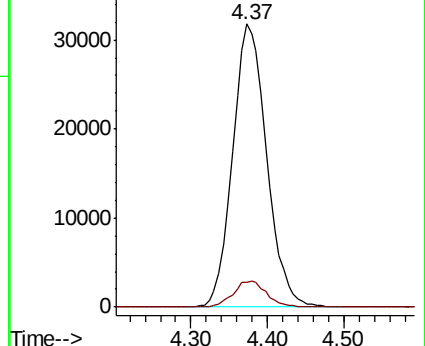
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 183.366 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007840.D

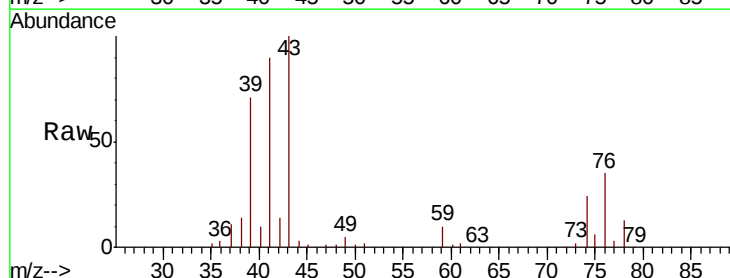
Acq: 22 Dec 2018 13:36

Tgt Ion: 43 Resp: 58014

Ion Ratio Lower Upper

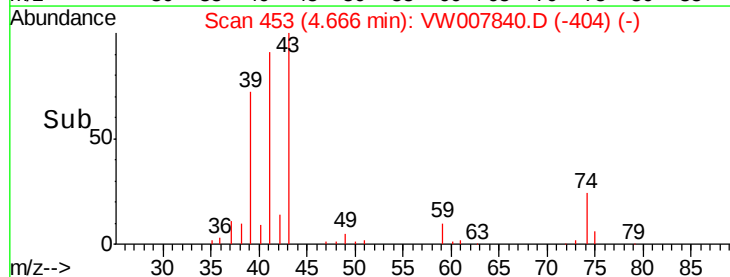
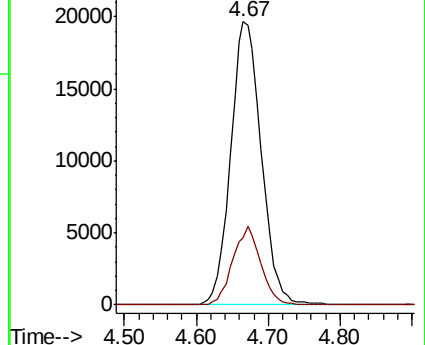
43 100

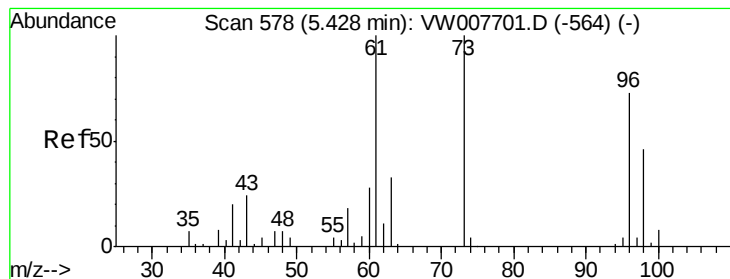
74 25.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



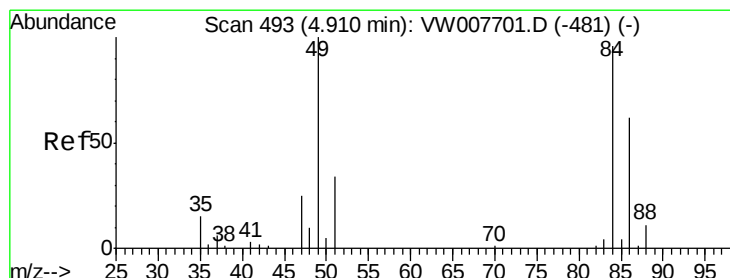
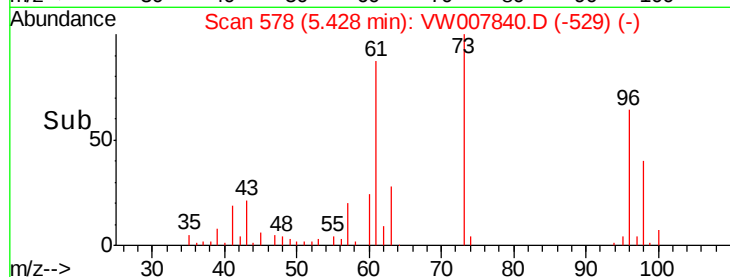
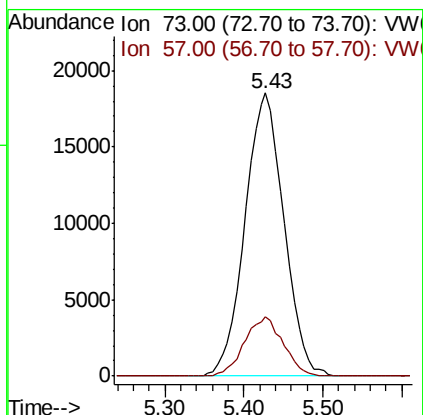
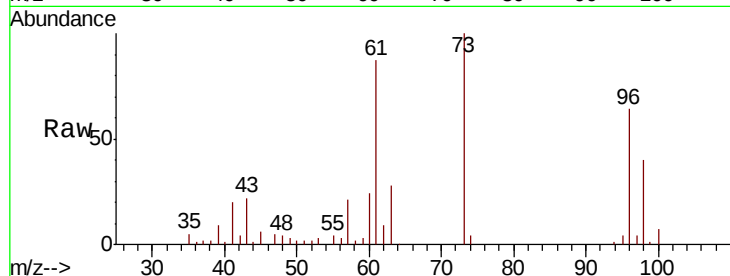


#19

Methyl tert-butyl Ether
 Concen: 69.127 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

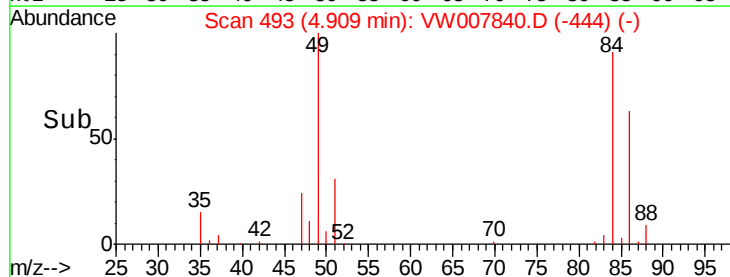
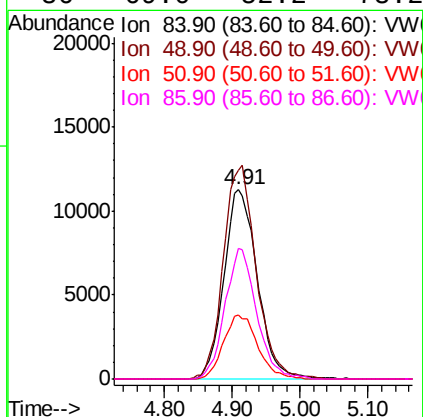
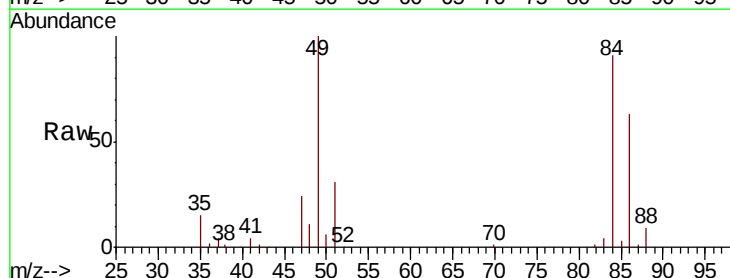
Tgt Ion: 73 Resp: 63464
 Ion Ratio Lower Upper
 73 100
 57 20.8 14.7 22.1

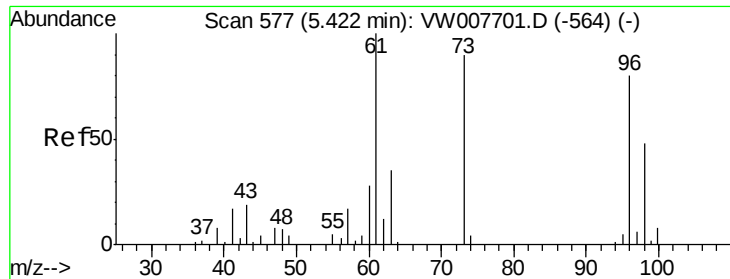


#20

Methylene Chloride
 Concen: 58.707 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 84 Resp: 38327
 Ion Ratio Lower Upper
 84 100
 49 110.1 83.7 125.5
 51 33.9 28.2 42.2
 86 69.0 52.2 78.2

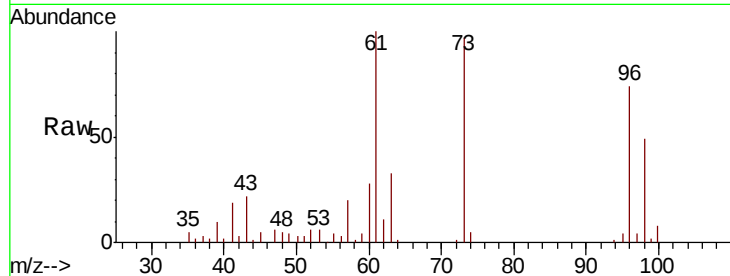




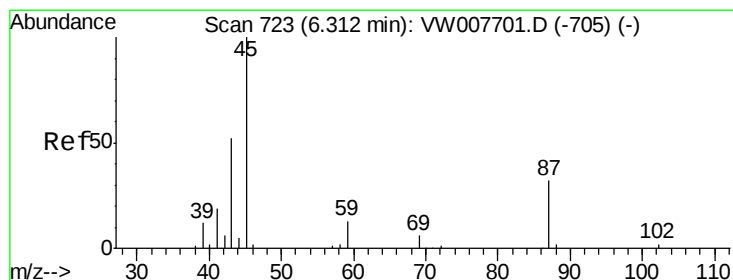
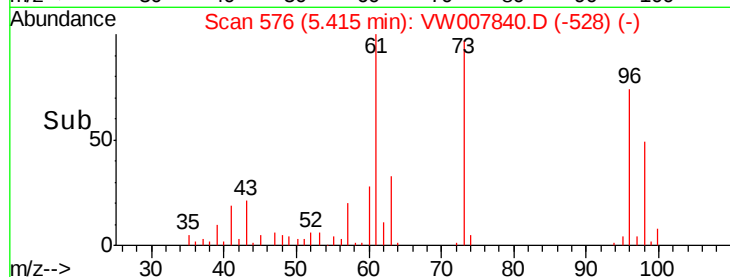
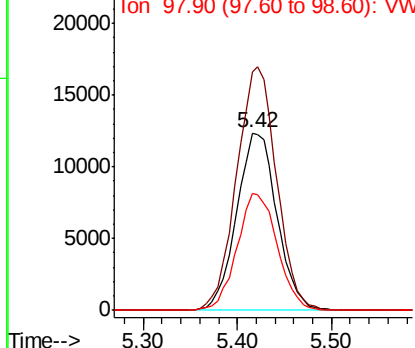
#21
trans-1,2-Dichloroethene
Concen: 52.656 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion: 96 Resp: 37034
Ion Ratio Lower Upper
96 100
61 134.4 100.1 150.1
98 65.8 48.5 72.7

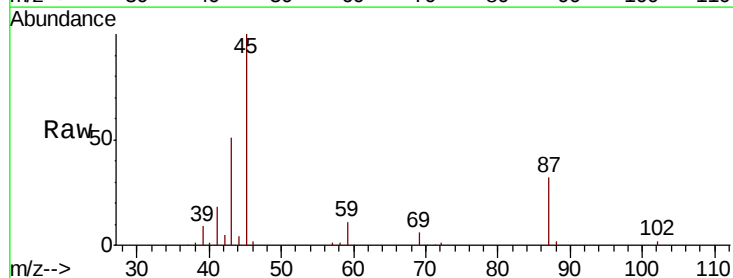


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

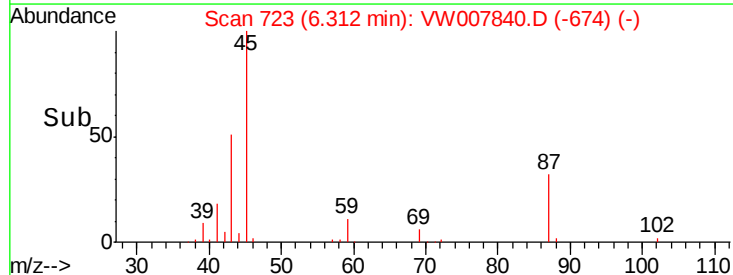
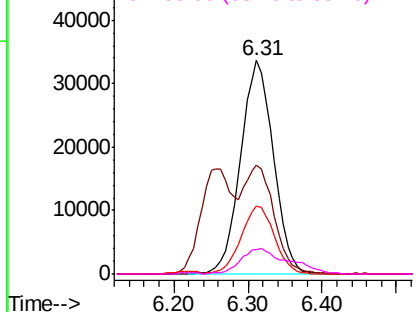


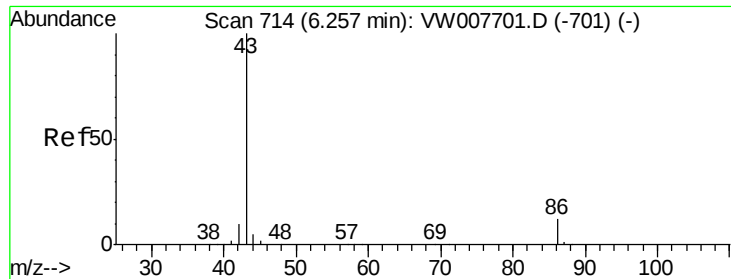
#22
Diisopropyl ether
Concen: 66.231 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 45 Resp: 104001
Ion Ratio Lower Upper
45 100
43 50.6 43.7 65.5
87 31.8 26.6 40.0
59 10.9 10.2 15.2



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

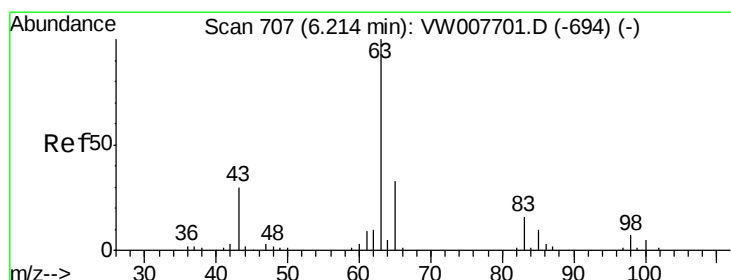
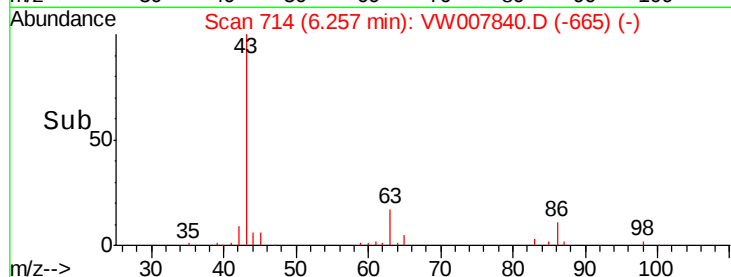
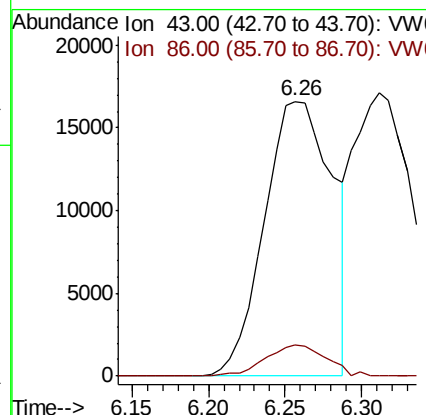
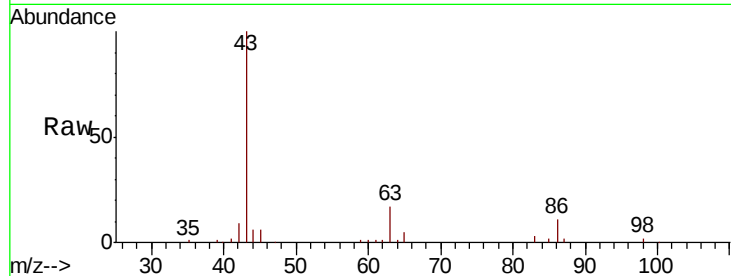




#23
 Vinyl Acetate
 Concen: 55.096 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

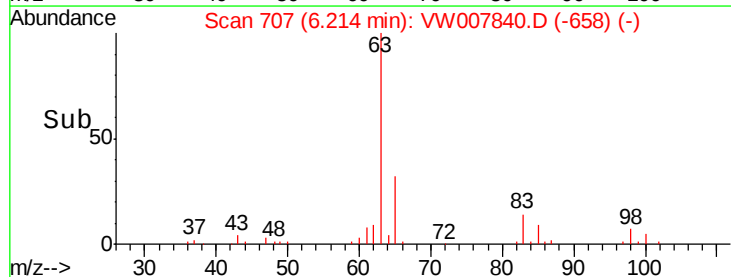
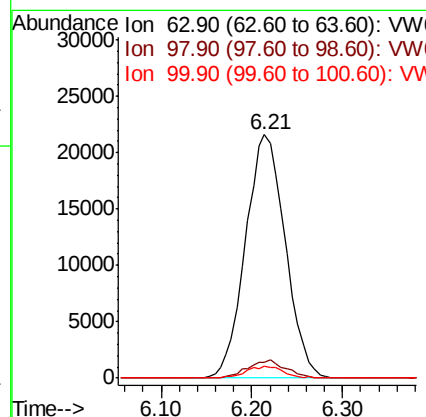
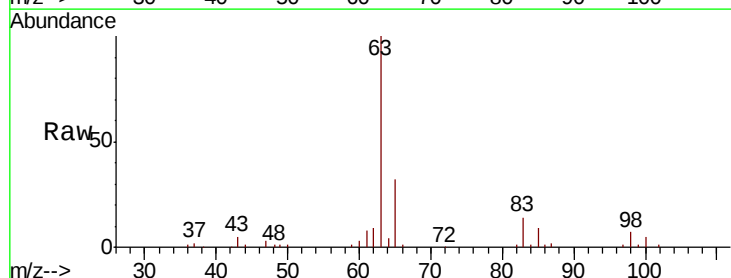
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

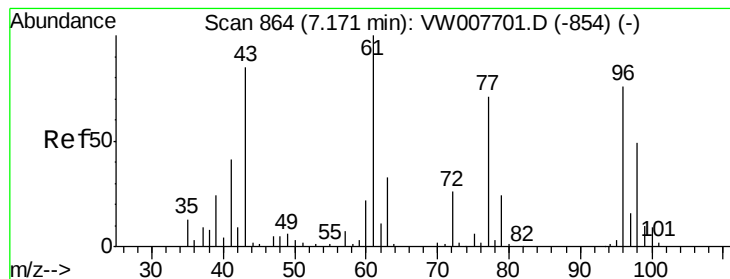
Tgt Ion: 43 Resp: 51402
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 56.739 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 63 Resp: 65544
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 297.129 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

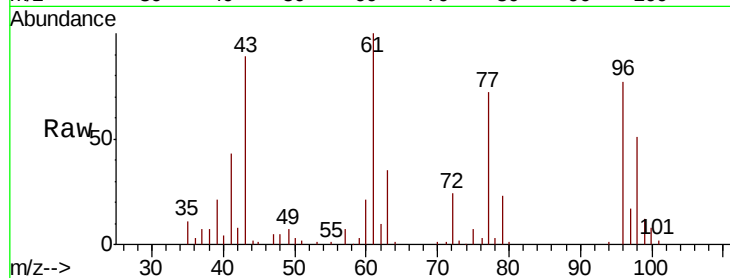
P001-SS006-1824-01MS

Tgt Ion: 43 Resp: 46299

Ion Ratio Lower Upper

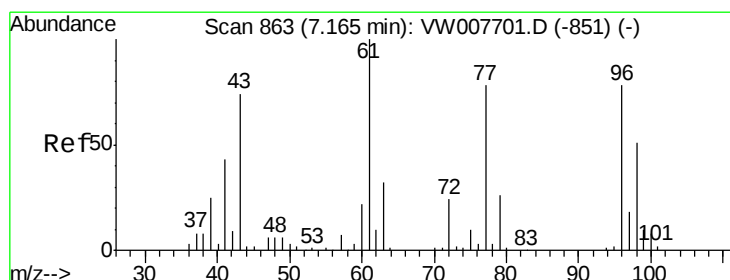
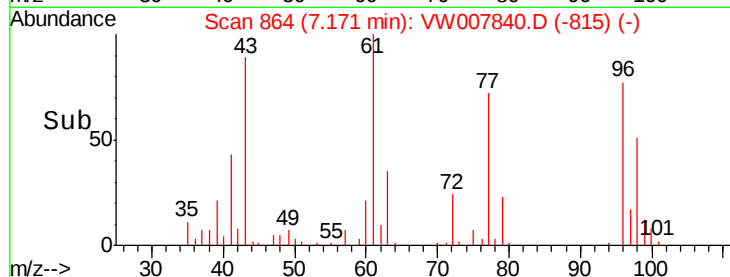
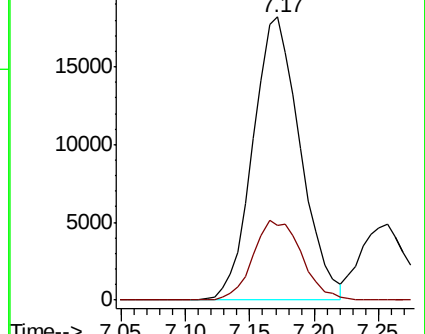
43 100

72 26.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 53.881 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007840.D

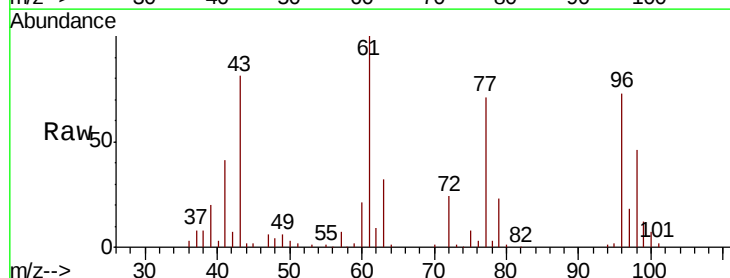
Acq: 22 Dec 2018 13:36

Tgt Ion: 77 Resp: 45547

Ion Ratio Lower Upper

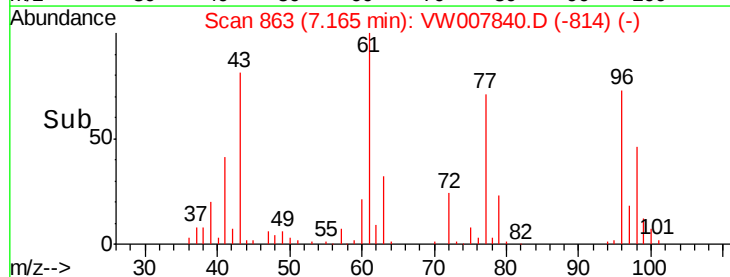
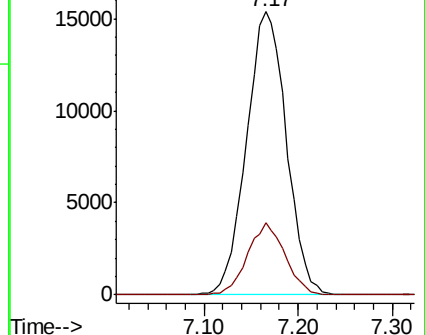
77 100

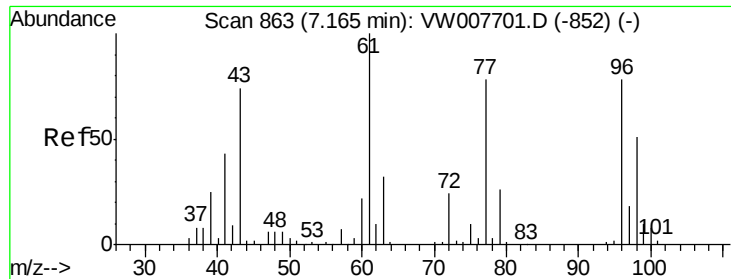
97 23.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



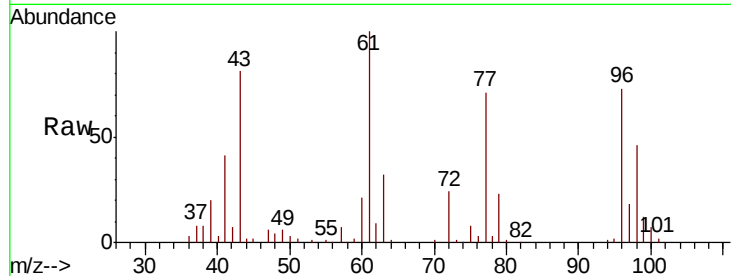


#27

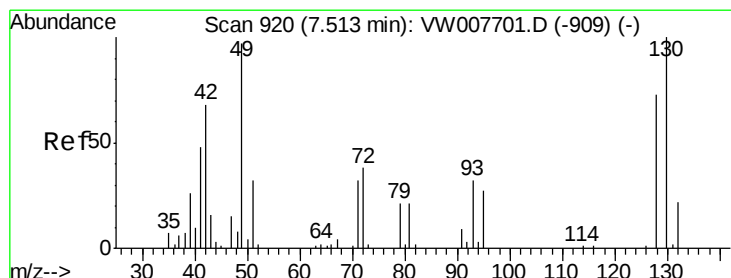
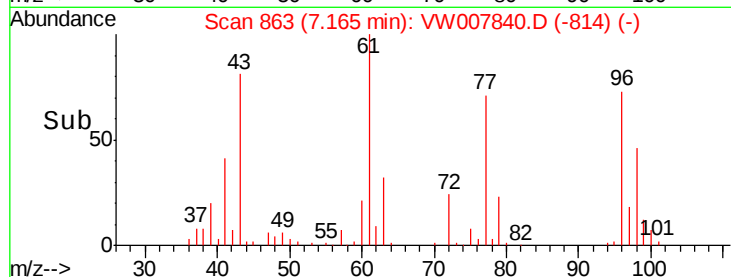
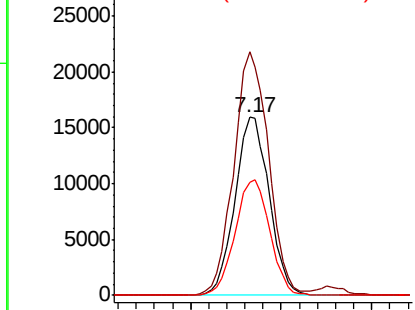
cis-1,2-Dichloroethene
Concen: 55.700 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion: 96 Resp: 41737
Ion Ratio Lower Upper
96 100
61 139.1 0.0 271.6
98 65.5 0.0 131.2



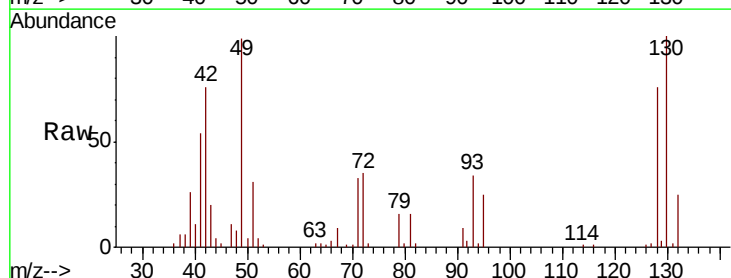
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



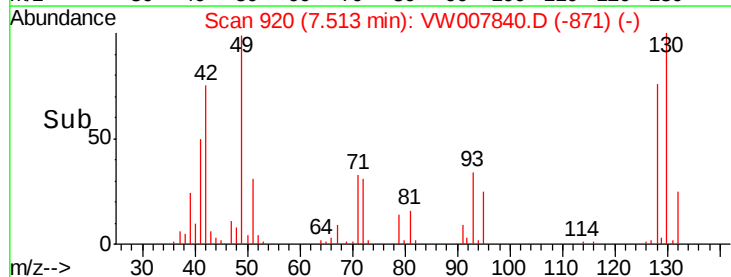
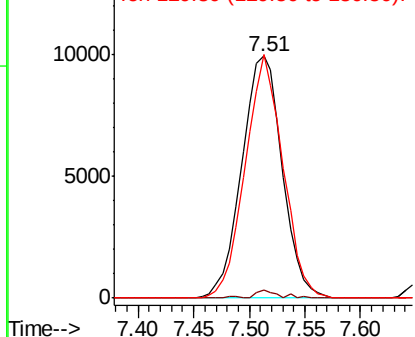
#28

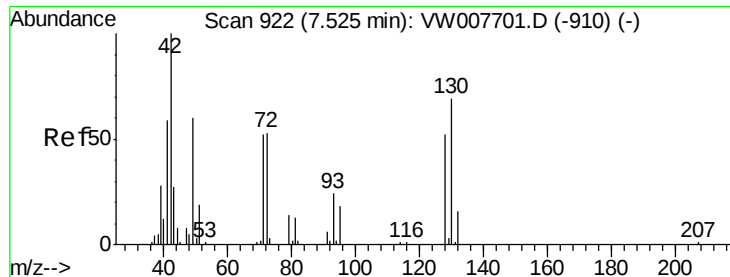
Bromochloromethane
Concen: 63.644 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 49 Resp: 25067
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.2
130 93.6 81.5 122.3



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

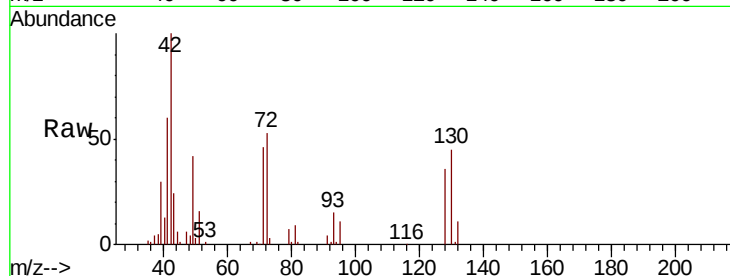




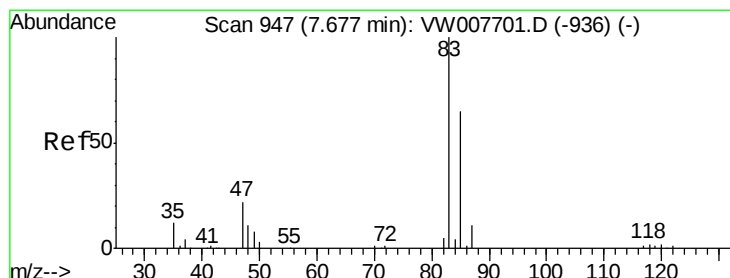
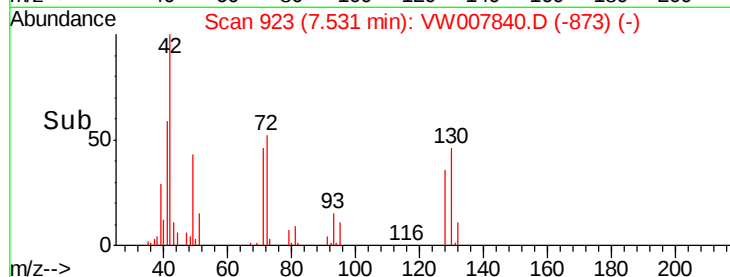
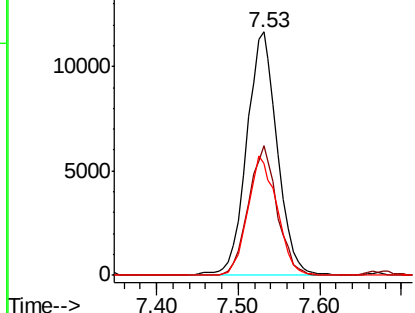
#29
Tetrahydrofuran
Concen: 327.248 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion: 42 Resp: 30416
Ion Ratio Lower Upper
42 100
72 49.9 41.7 62.5
71 46.8 39.0 58.6

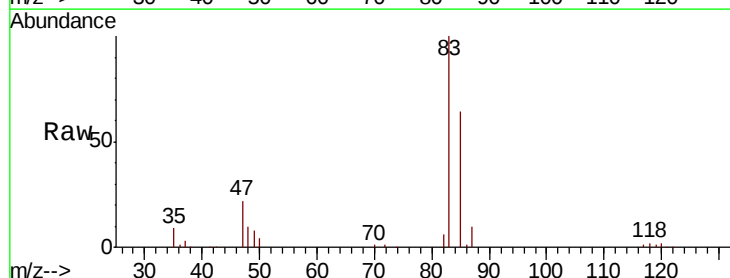


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

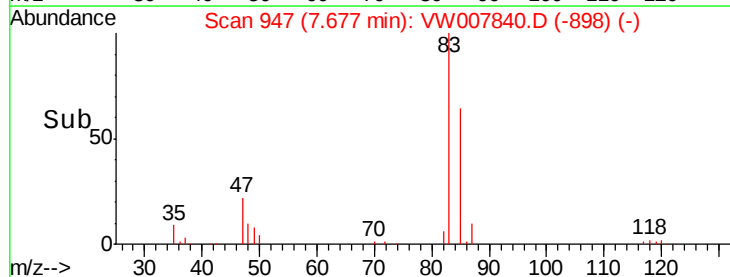
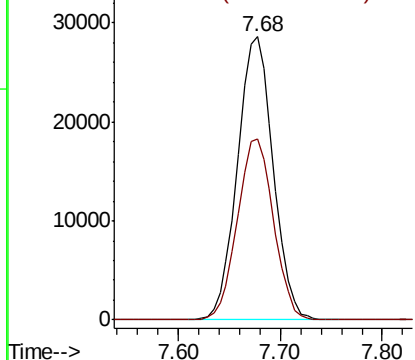


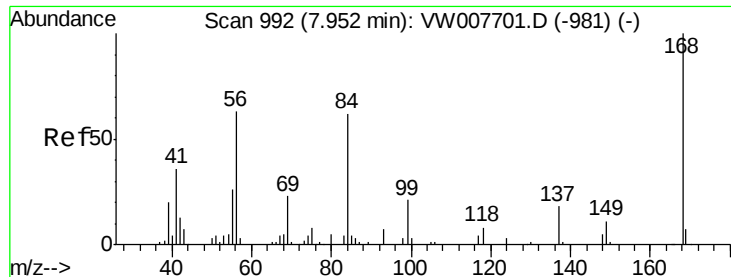
#30
Chloroform
Concen: 53.234 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 83 Resp: 69594
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

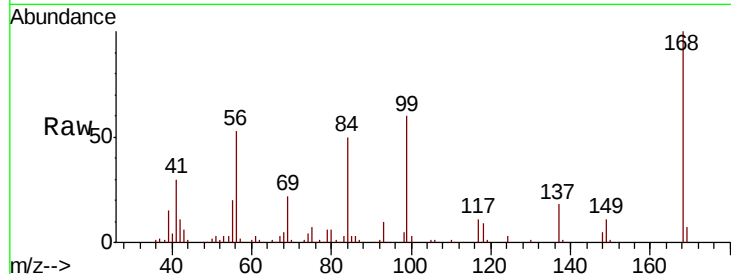




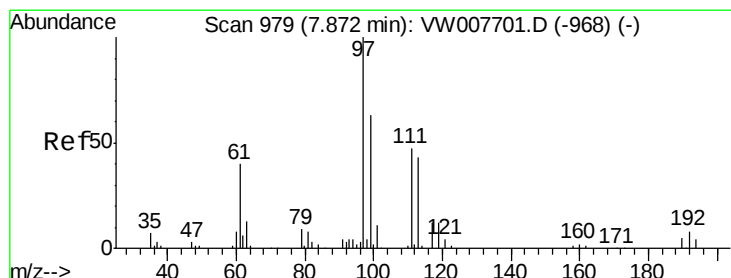
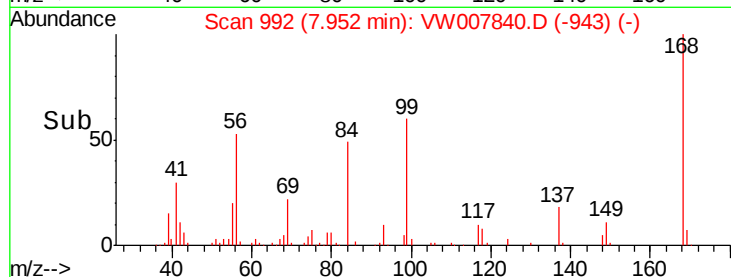
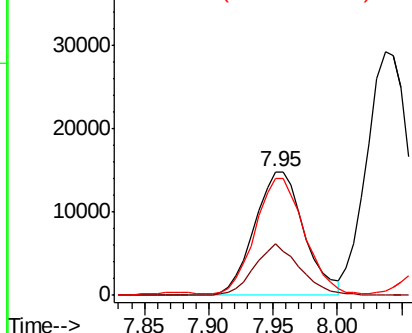
#31
Cyclohexane
Concen: 37.625 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion: 56 Resp: 39790
Ion Ratio Lower Upper
56 100
69 41.4 29.7 44.5
84 92.8 78.9 118.3

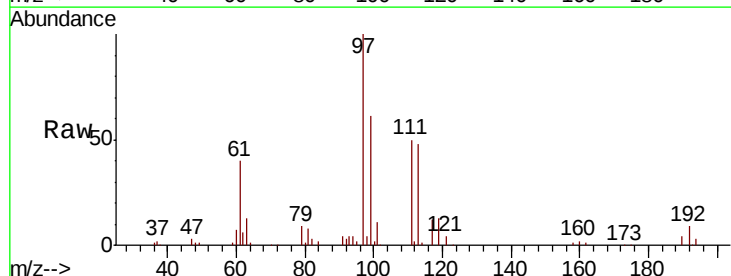


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

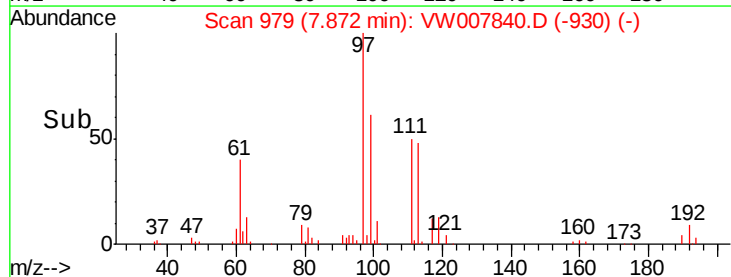
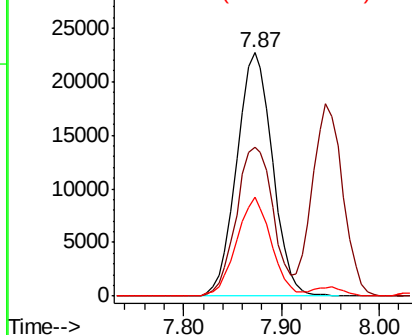


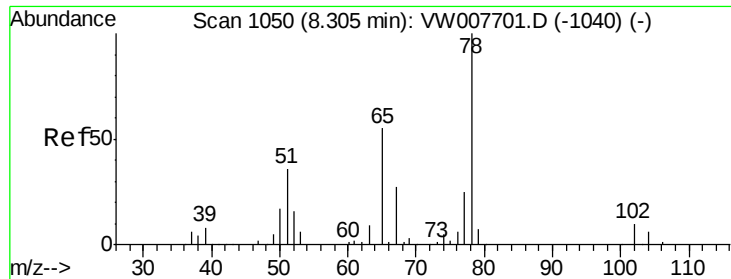
#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 97 Resp: 57519
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 39.4 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

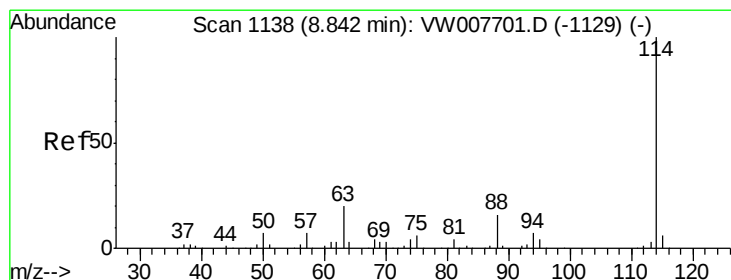
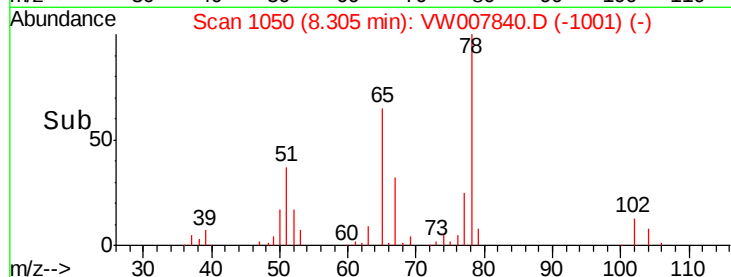
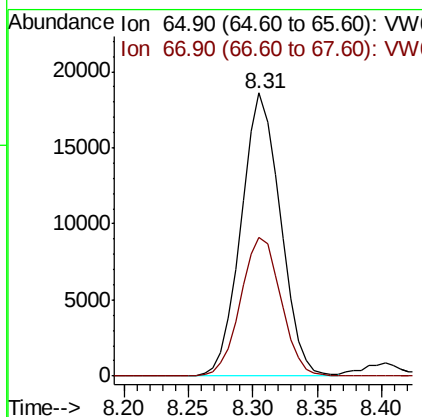
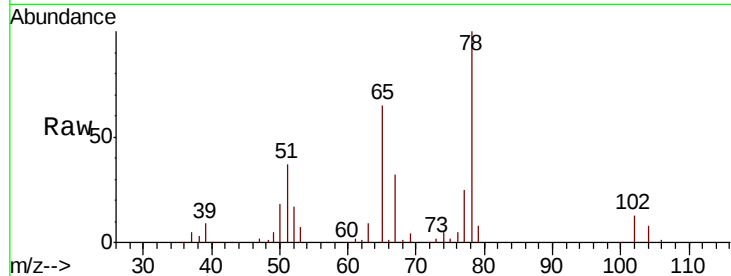




#33
 1,2-Dichloroethane-d4
 Concen: 55.357 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

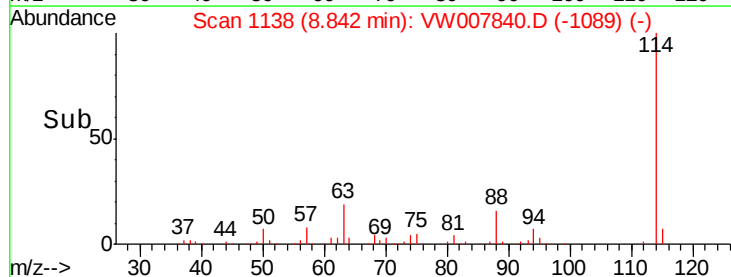
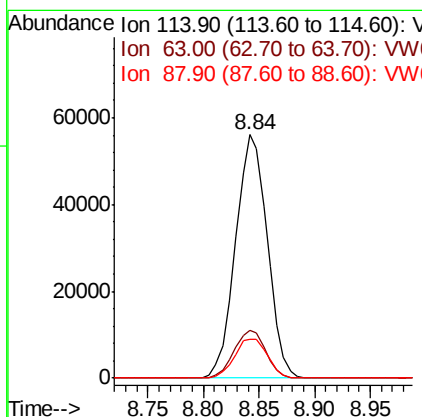
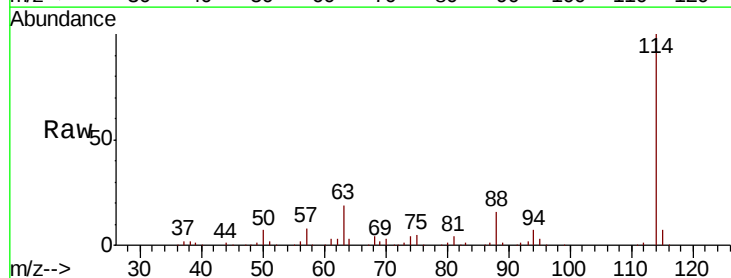
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

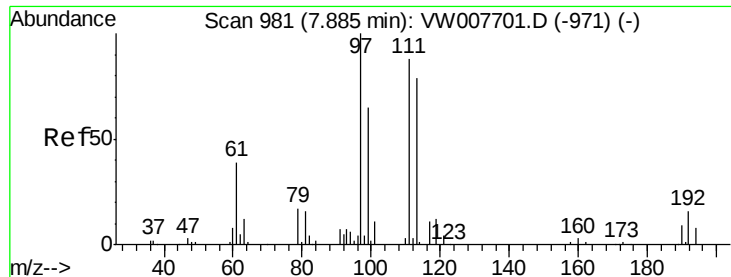
Tgt Ion: 65 Resp: 39327
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 114 Resp: 110791
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.852 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

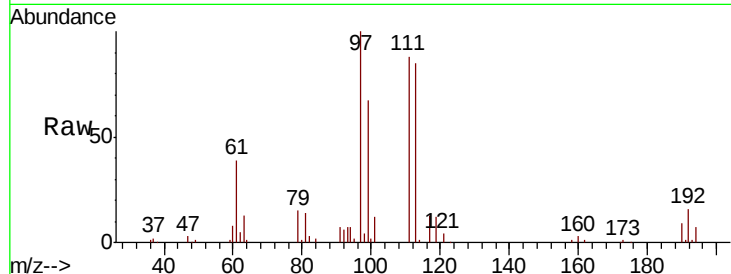
Tgt Ion:113 Resp: 35046

Ion Ratio Lower Upper

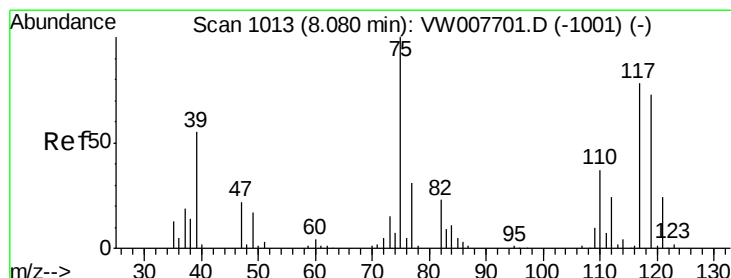
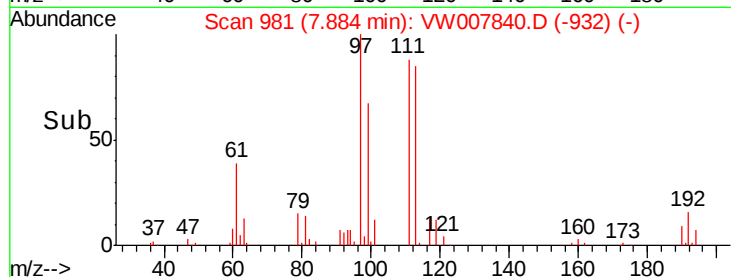
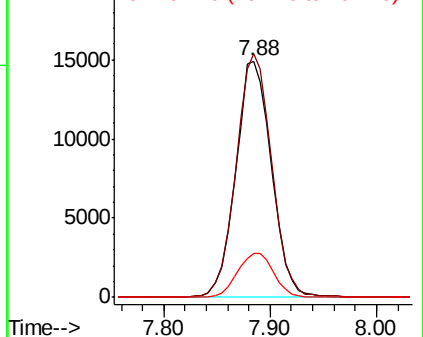
113 100

111 102.7 82.6 124.0

192 18.8 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.878 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

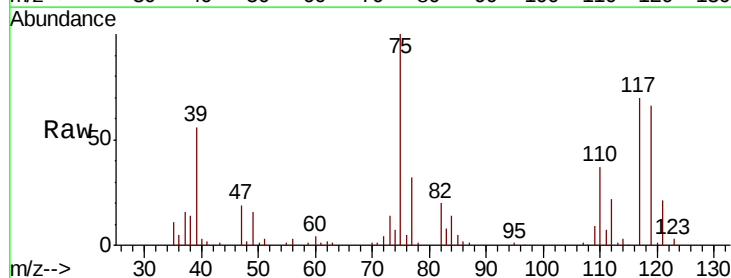
Tgt Ion: 75 Resp: 47989

Ion Ratio Lower Upper

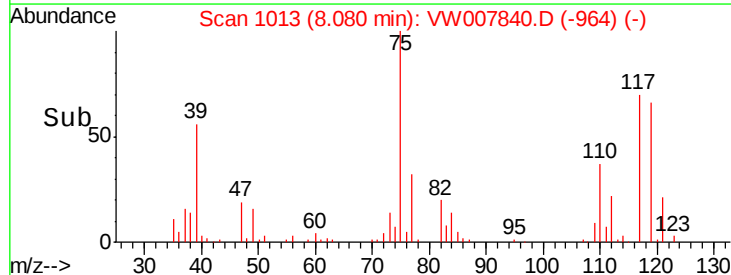
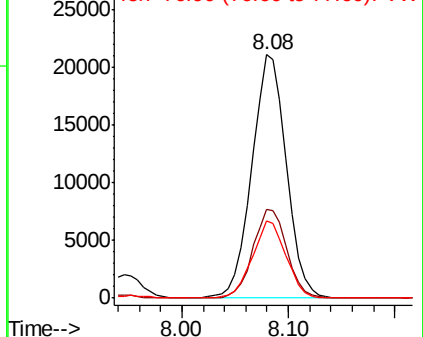
75 100

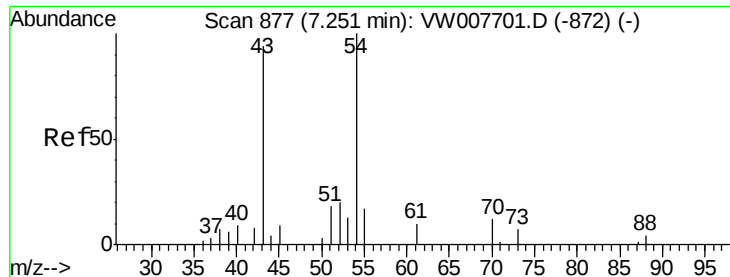
110 35.8 18.6 55.8

77 30.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

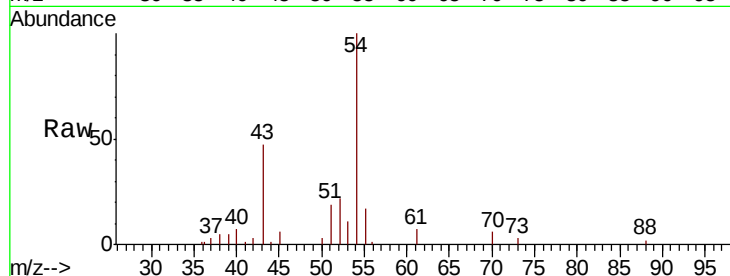




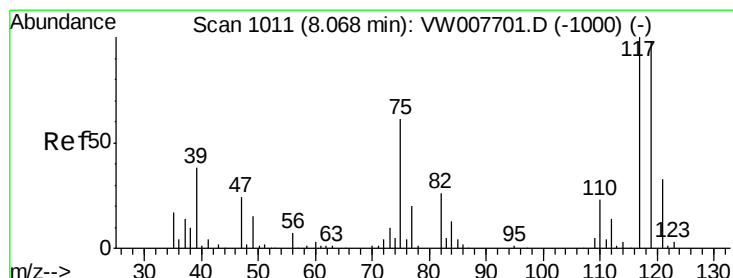
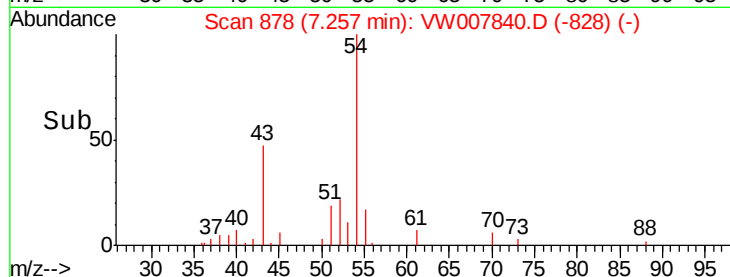
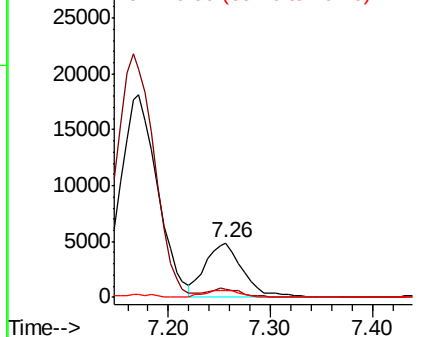
#37
Ethyl Acetate
Concen: 34.590 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion: 43 Resp: 12765
Ion Ratio Lower Upper
43 100
61 14.5 11.2 16.8
70 12.6 9.3 13.9

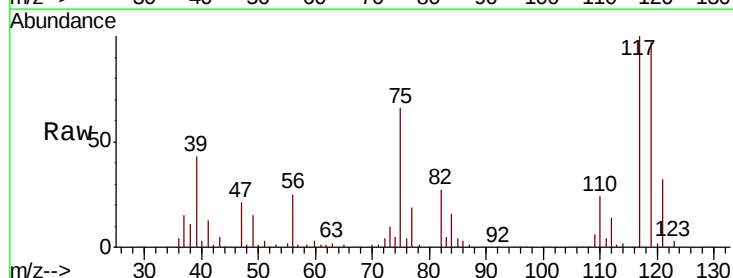


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

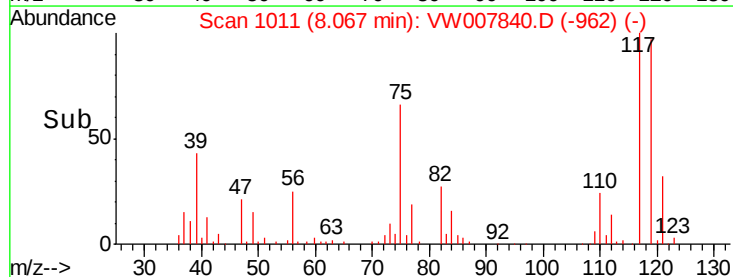
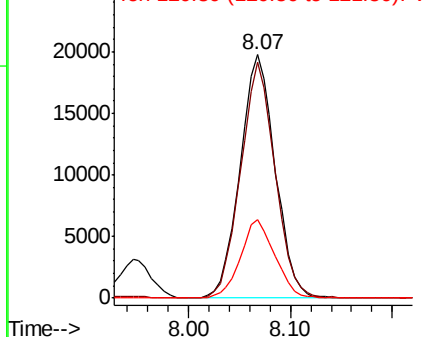


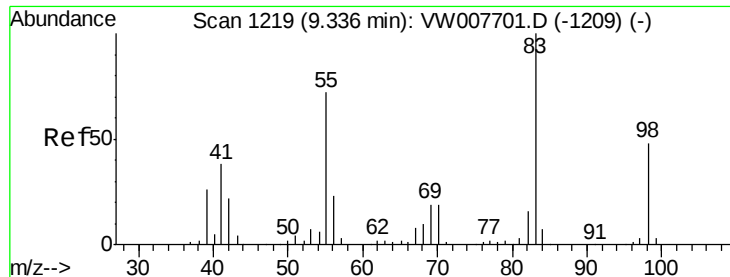
#38
Carbon Tetrachloride
Concen: 37.480 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 117 Resp: 47200
Ion Ratio Lower Upper
117 100
119 97.1 78.2 117.2
121 32.1 26.1 39.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

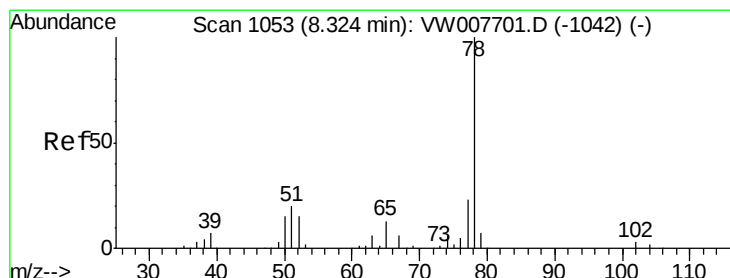
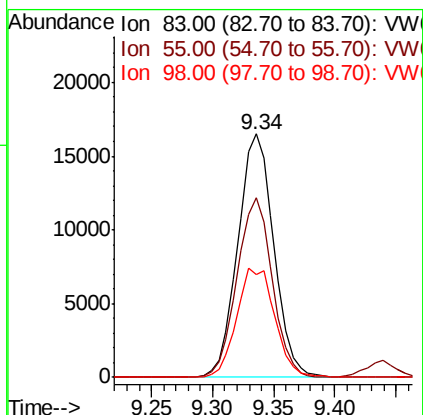
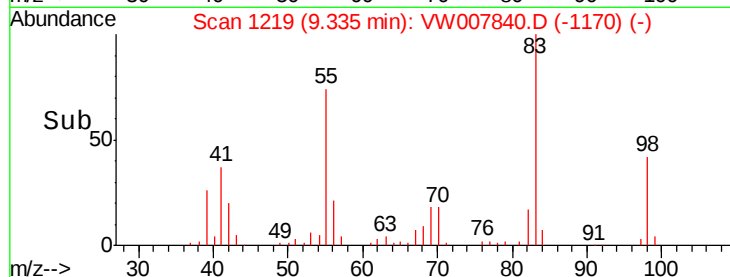
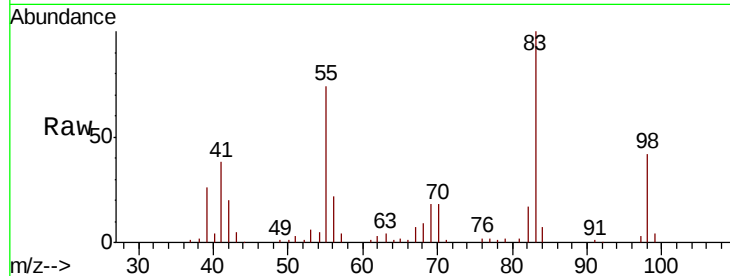




#39
Methylcyclohexane
Concen: 25.345 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

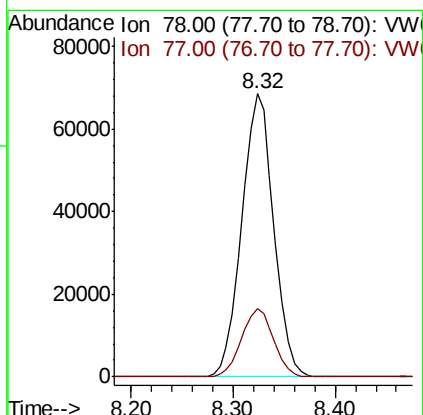
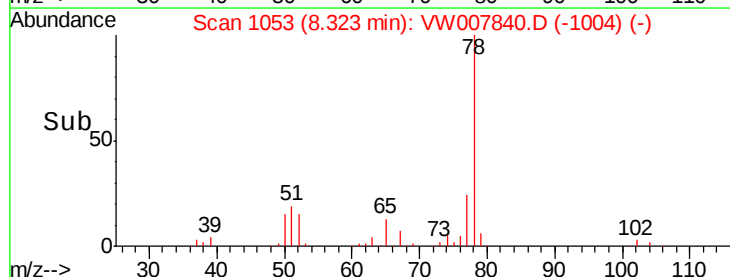
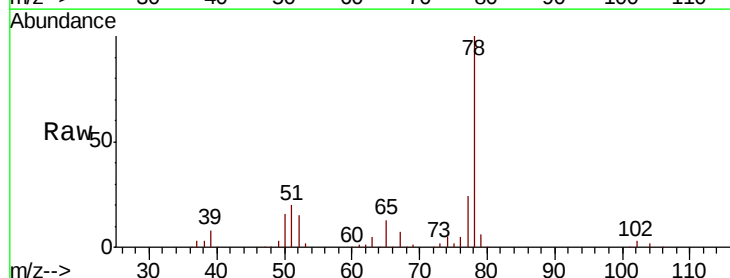
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

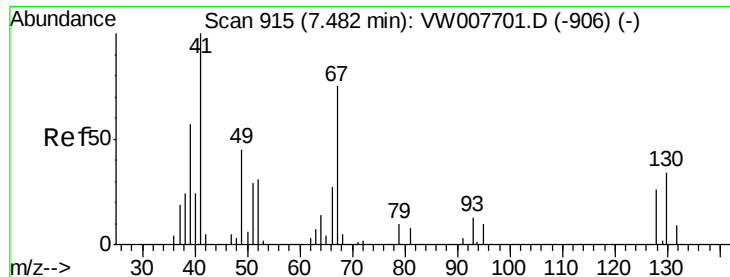
Tgt Ion: 83 Resp: 33678
Ion Ratio Lower Upper
83 100
55 73.5 57.2 85.8
98 42.4 38.6 58.0



#40
Benzene
Concen: 52.104 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 78 Resp: 148680
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

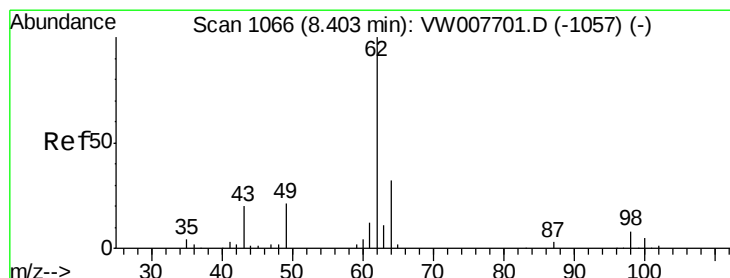
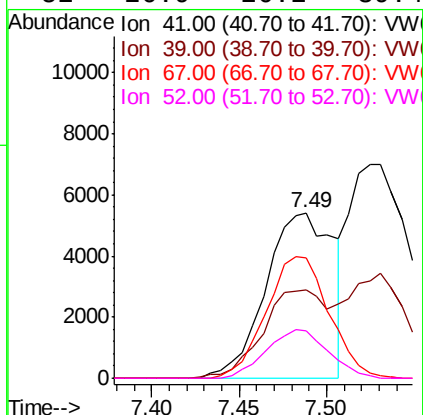
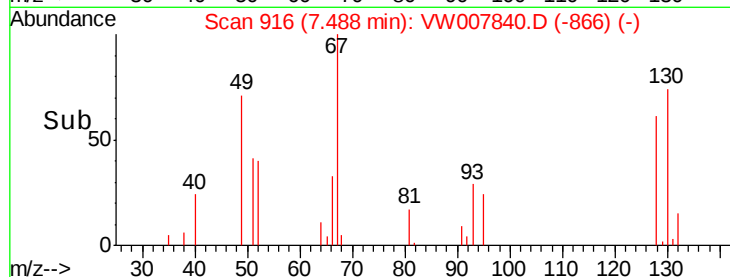
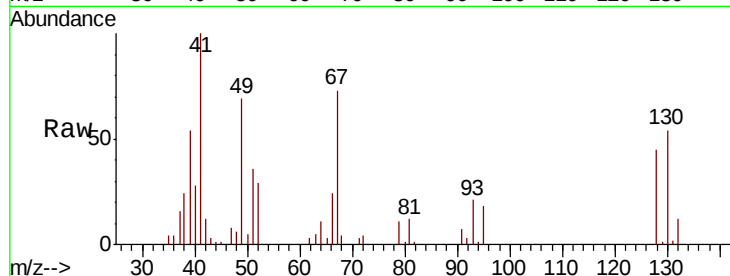




#41
Methacrylonitrile
Concen: 69.629 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

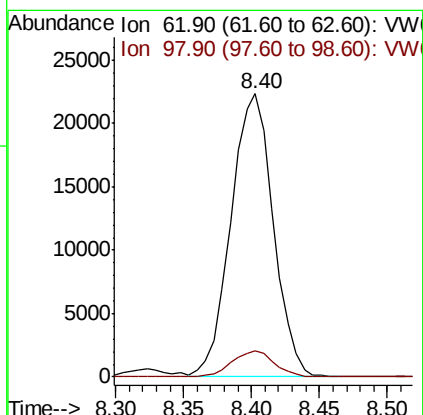
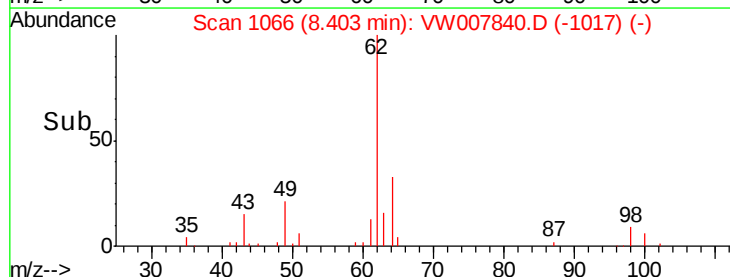
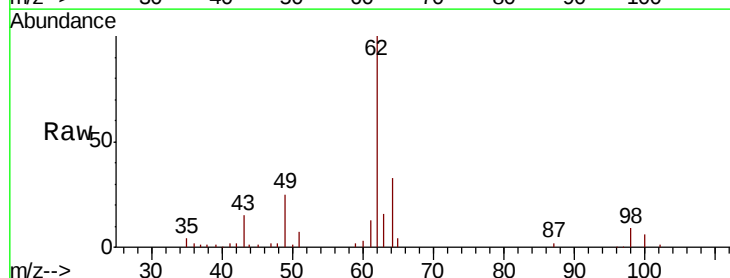
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

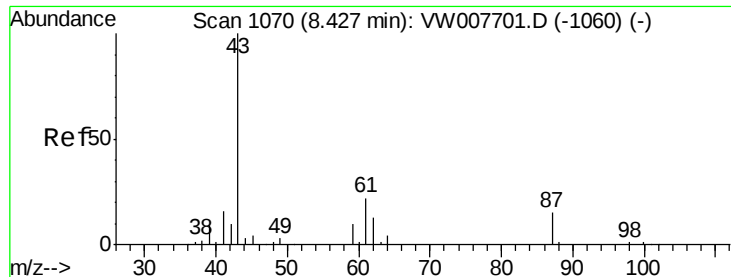
Tgt Ion: 41 Resp: 14589
Ion Ratio Lower Upper
41 100
39 49.4 54.2 81.4#
67 68.5 65.7 98.5
52 26.9 26.2 39.4



#42
1,2-Dichloroethane
Concen: 50.683 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 62 Resp: 48466
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 41.970 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

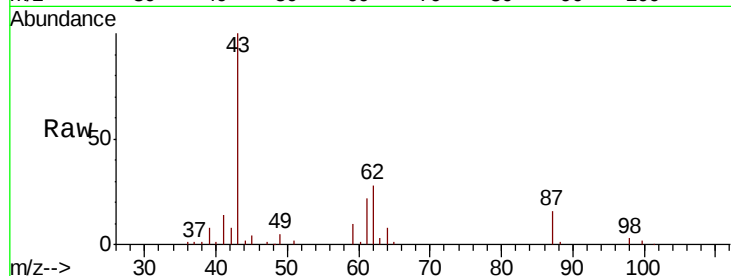
Tgt Ion: 43 Resp: 31031

Ion Ratio Lower Upper

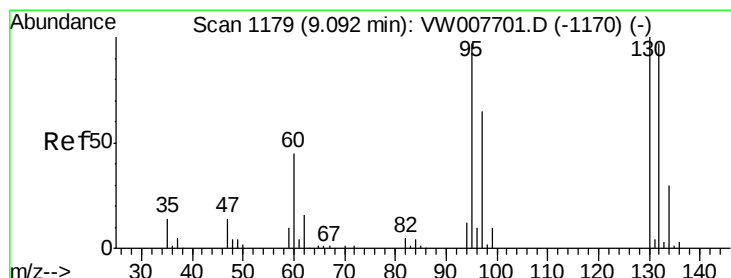
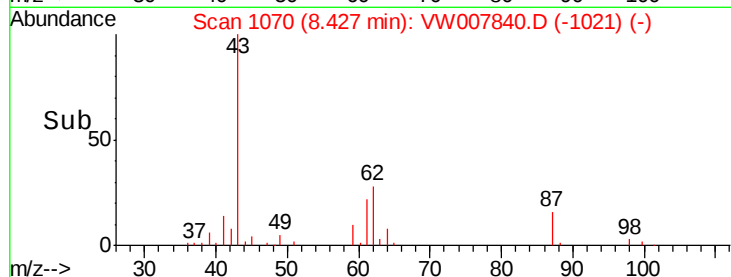
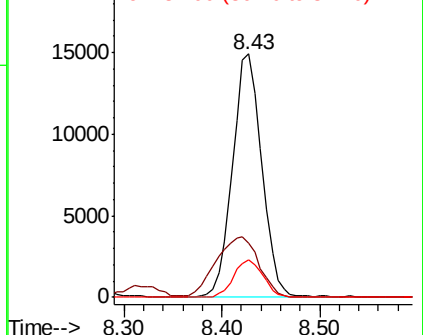
43 100

61 35.9 26.3 39.5

87 15.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 43.413 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007840.D

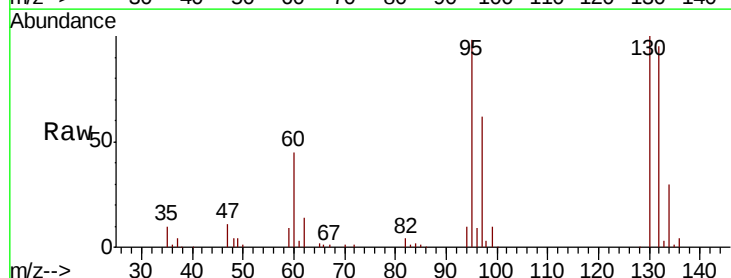
Acq: 22 Dec 2018 13:36

Tgt Ion: 130 Resp: 37463

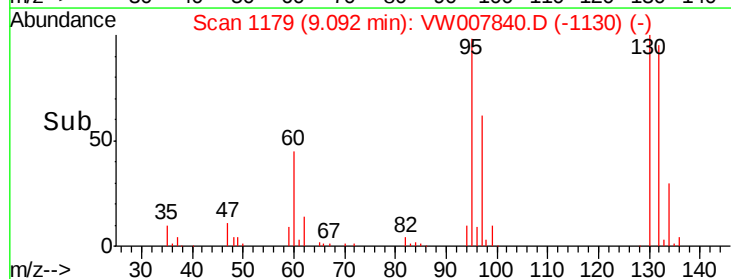
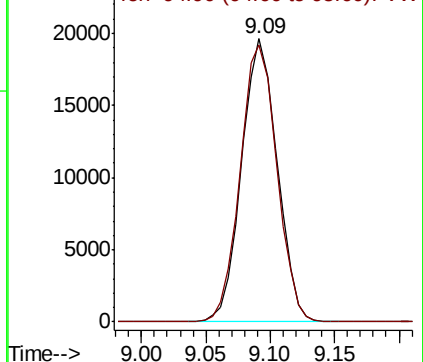
Ion Ratio Lower Upper

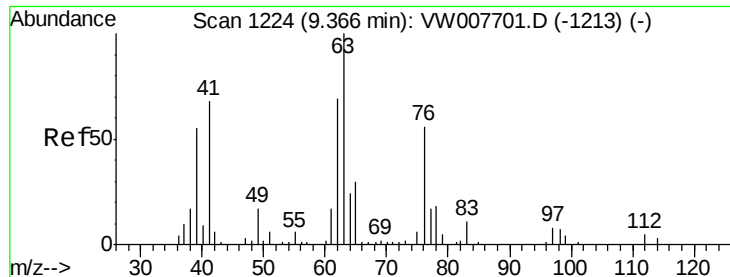
130 100

95 97.9 0.0 194.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

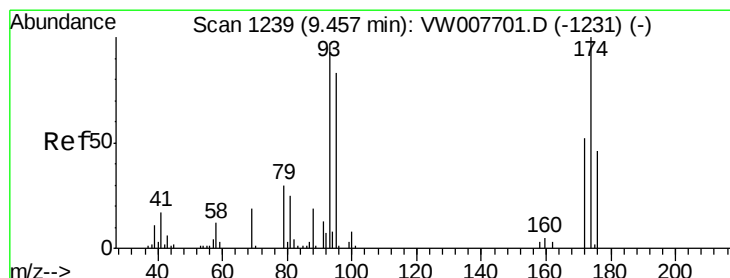
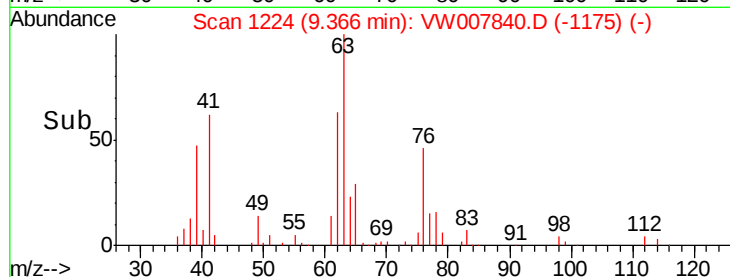
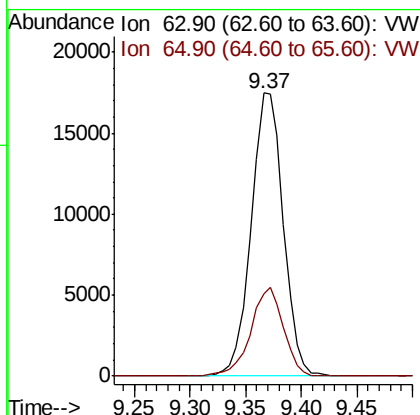
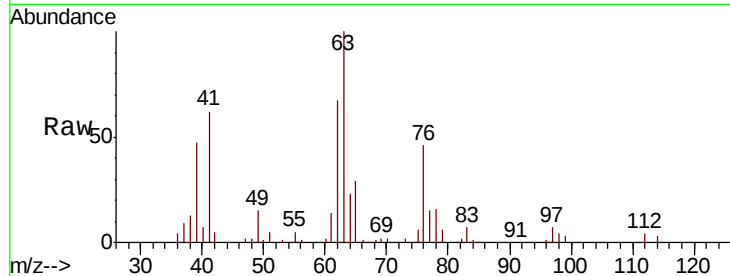




#45
 1,2-Dichloropropane
 Concen: 55.501 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

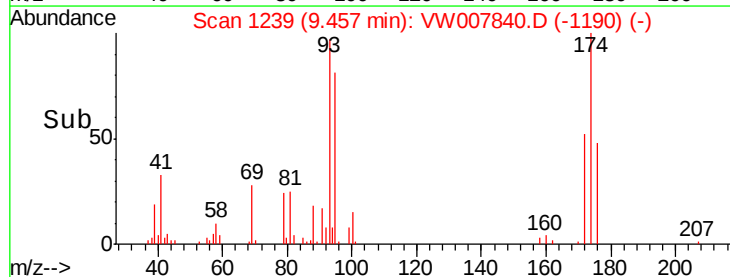
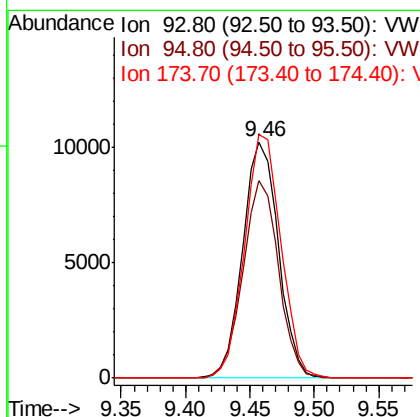
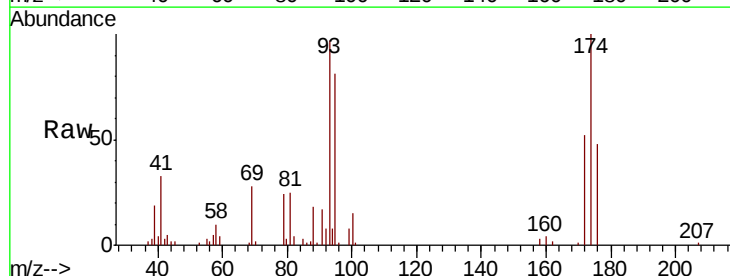
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

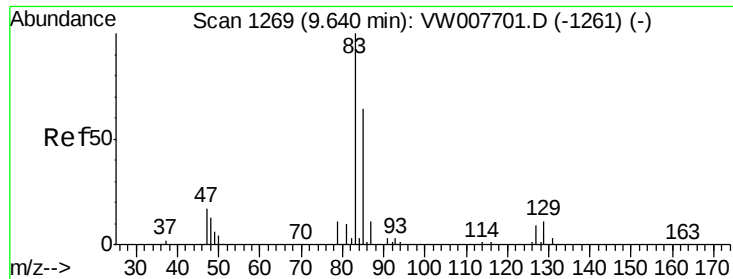
Tgt Ion: 63 Resp: 35141
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.8 35.8



#46
 Dibromomethane
 Concen: 50.275 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 93 Resp: 19595
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.5 101.3
 174 105.3 83.9 125.9





#47

Bromodichloromethane

Concen: 46.825 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

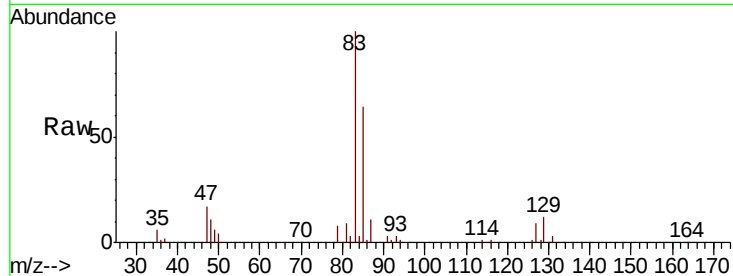
Tgt Ion: 83 Resp: 47979

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

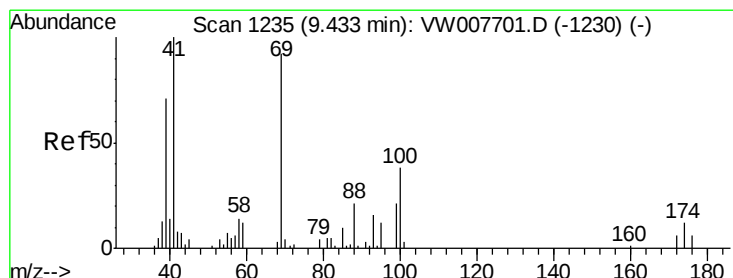
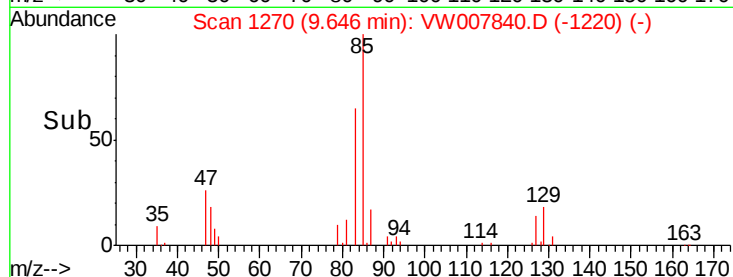
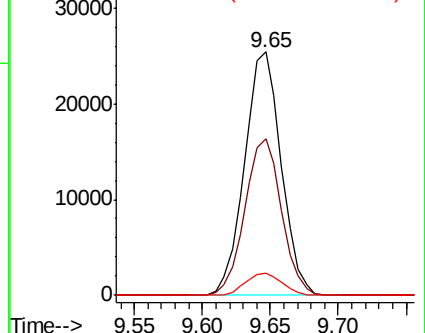
127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 70.800 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

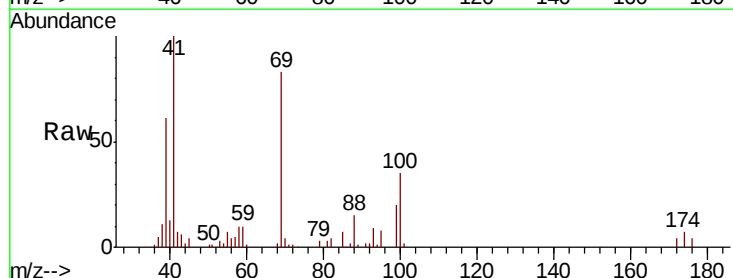
Tgt Ion: 41 Resp: 26129

Ion Ratio Lower Upper

41 100

69 86.3 74.2 111.2

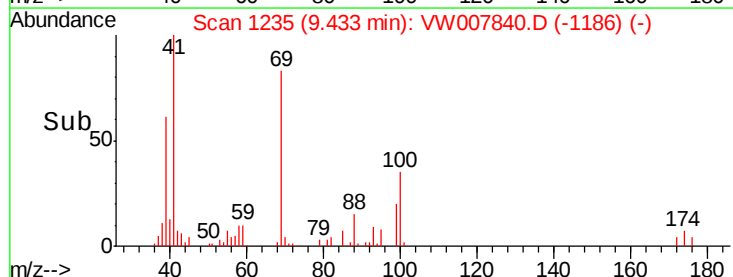
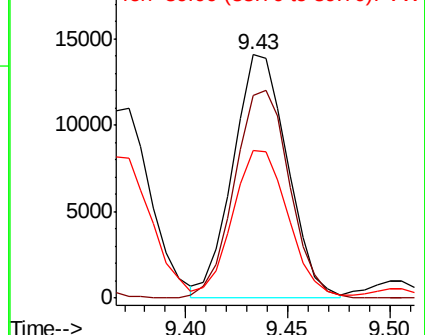
39 62.1 53.9 80.9

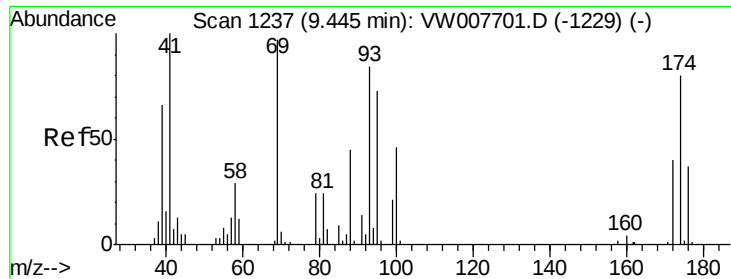


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1015.304 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

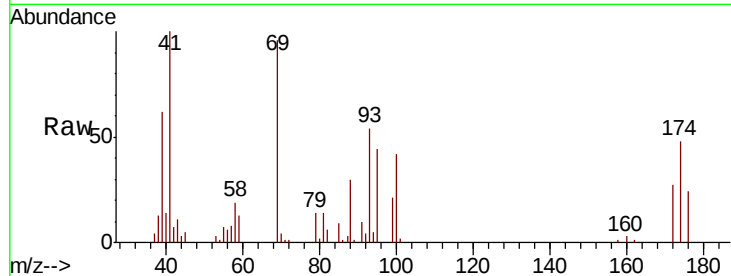
Tgt Ion: 88 Resp: 6274

Ion Ratio Lower Upper

88 100

43 36.8 25.6 38.4

58 66.7 52.3 78.5

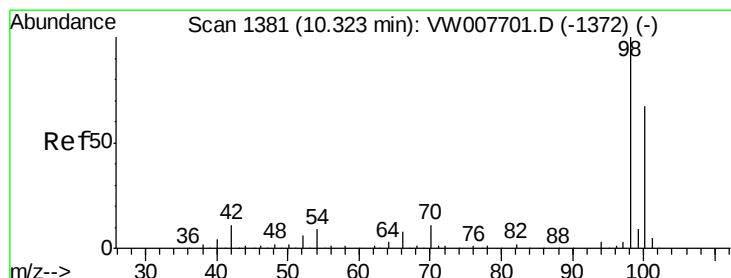
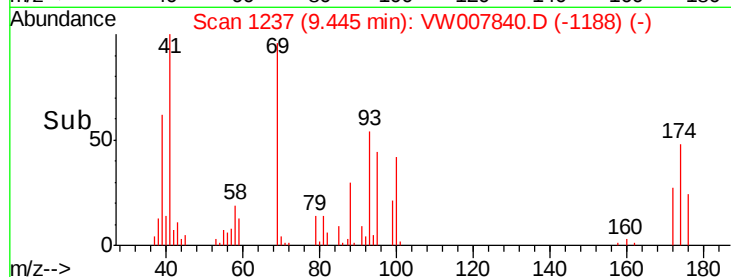
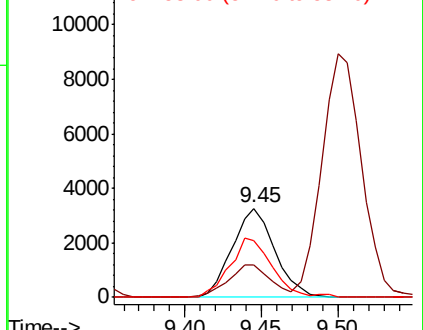


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.702 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007840.D

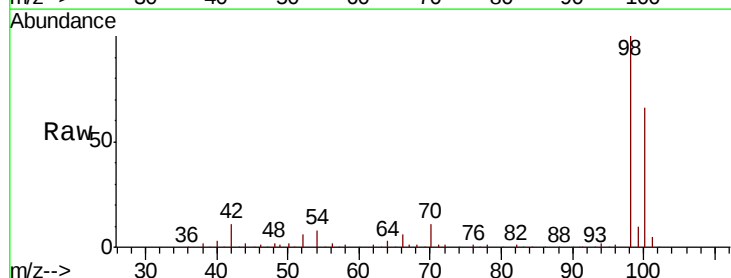
Acq: 22 Dec 2018 13:36

Tgt Ion: 98 Resp: 118996

Ion Ratio Lower Upper

98 100

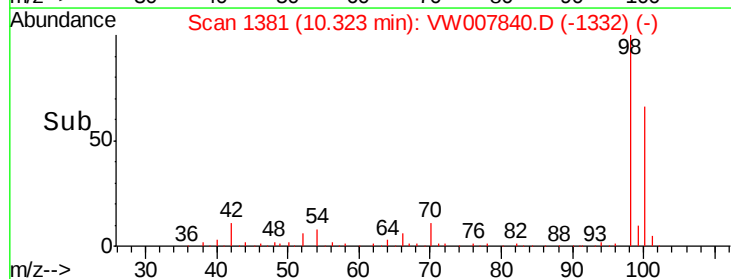
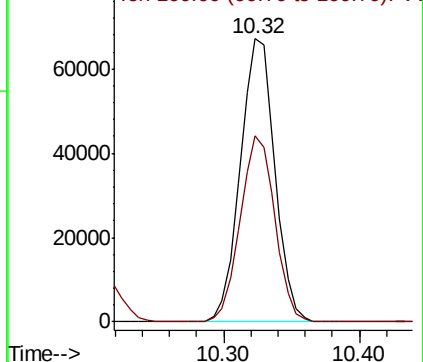
100 65.9 52.2 78.2



Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

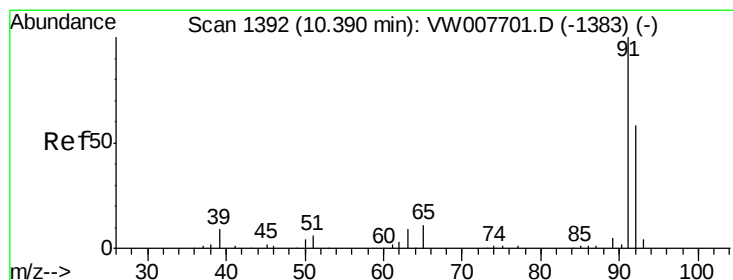
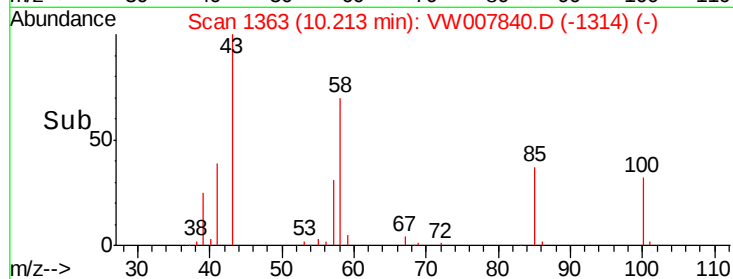
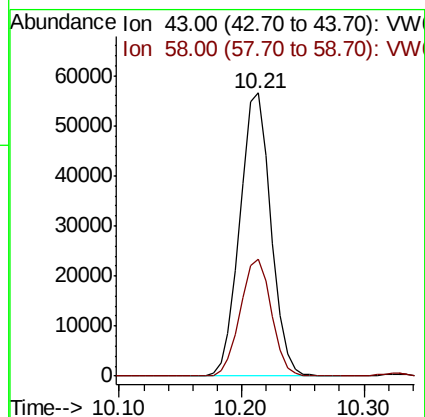
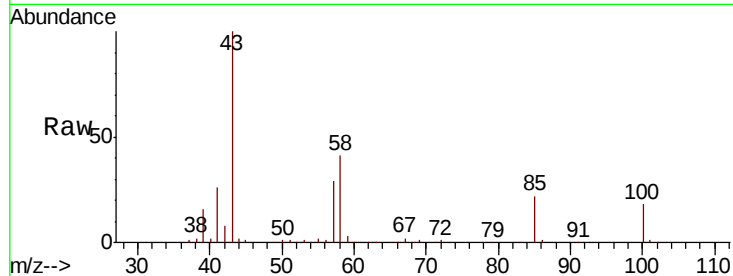




#51
4-Methyl-2-Pentanone
Concen: 285.457 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

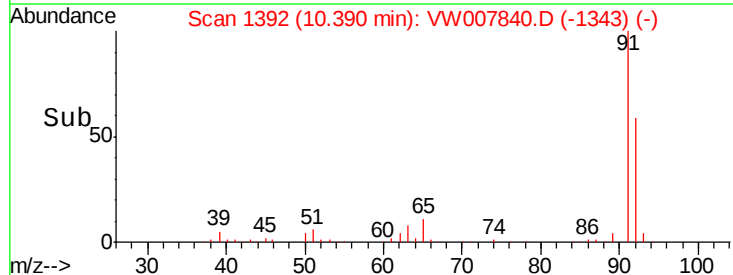
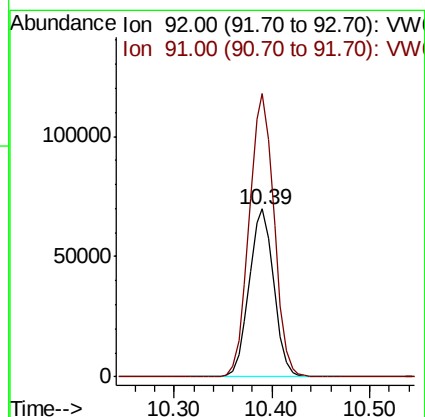
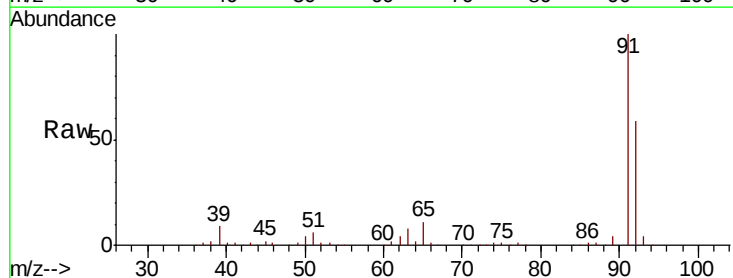
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion: 43 Resp: 99744
Ion Ratio Lower Upper
43 100
58 41.4 33.2 49.8



#52
Toluene
Concen: 63.594 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 92 Resp: 121751
Ion Ratio Lower Upper
92 100
91 170.1 137.0 205.4

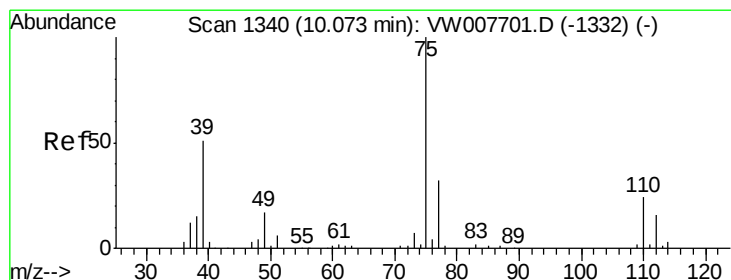
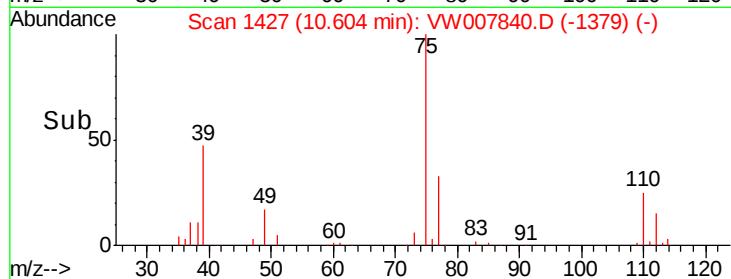
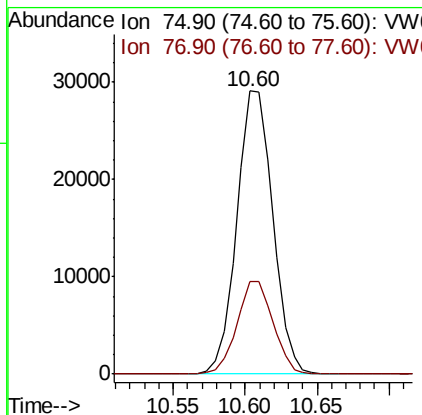
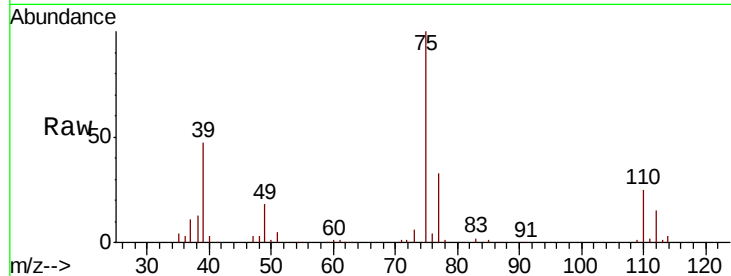




#53
t-1,3-Dichloropropene
Concen: 49.626 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

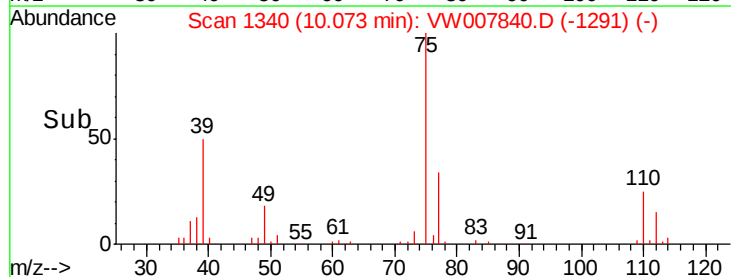
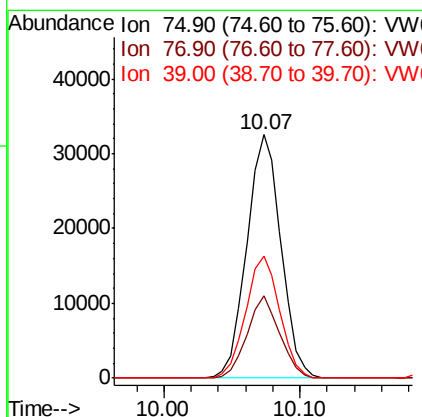
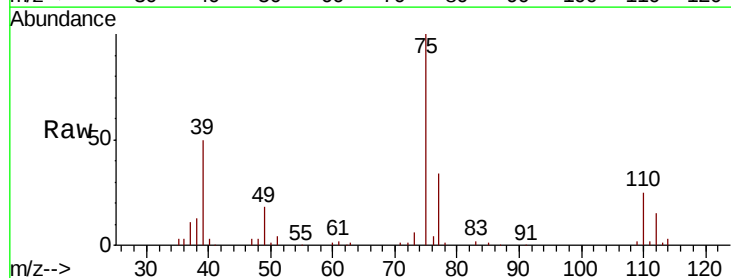
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

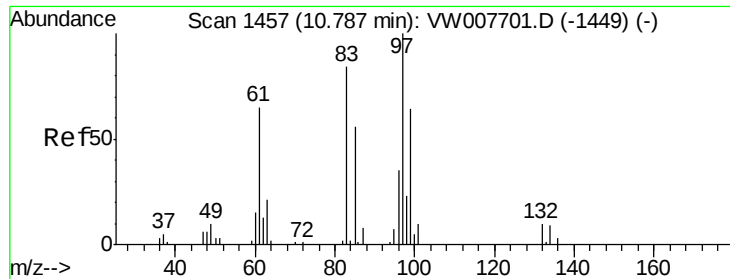
Tgt Ion: 75 Resp: 50578
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 50.869 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 75 Resp: 57266
Ion Ratio Lower Upper
75 100
77 34.0 25.5 38.3
39 50.0 41.2 61.8





#55

1,1,2-Trichloroethane

Concen: 53.460 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion: 97 Resp: 28725

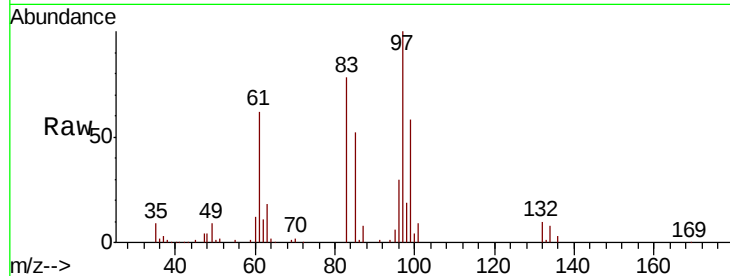
Ion Ratio Lower Upper

97 100

83 77.9 67.5 101.3

85 51.9 44.8 67.2

99 58.2 51.0 76.4

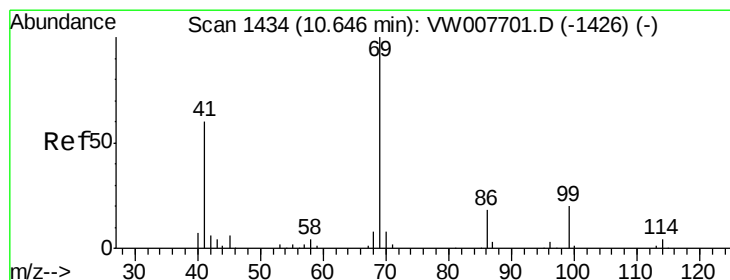
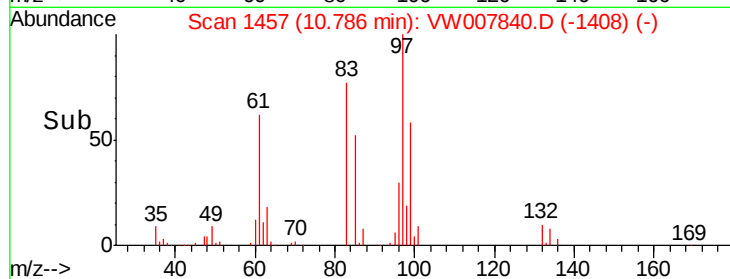
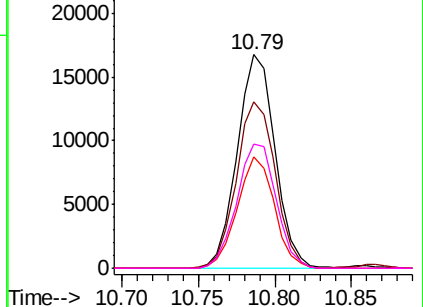


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 34.300 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

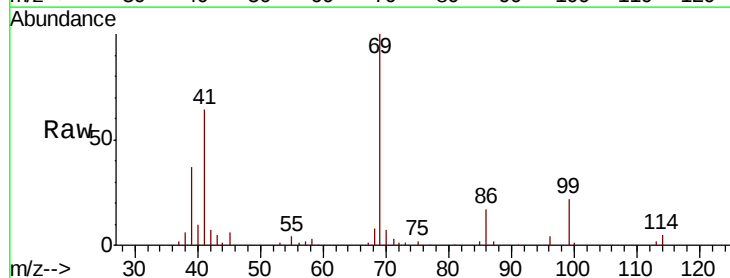
Tgt Ion: 69 Resp: 21775

Ion Ratio Lower Upper

69 100

41 66.1 48.9 73.3

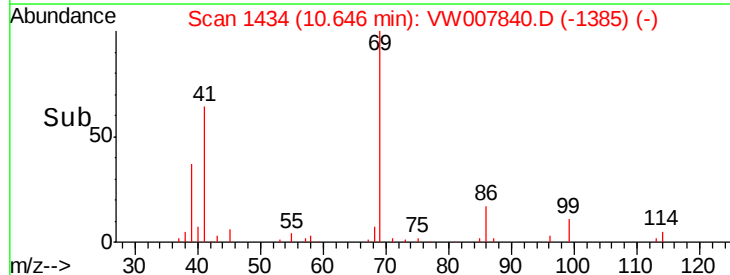
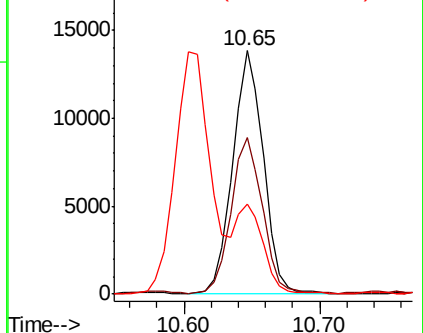
39 31.8 31.3 46.9

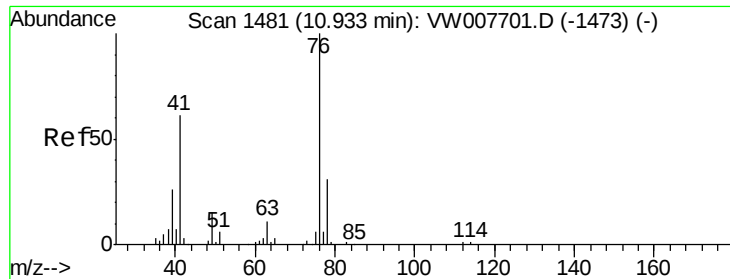


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

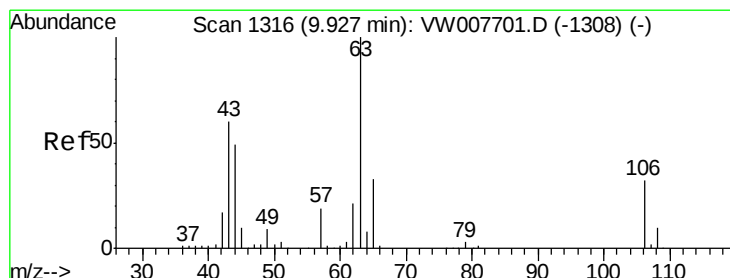
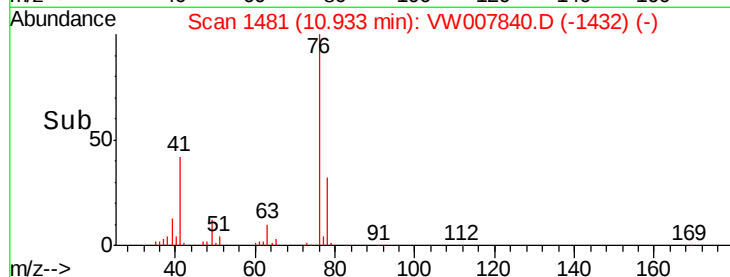
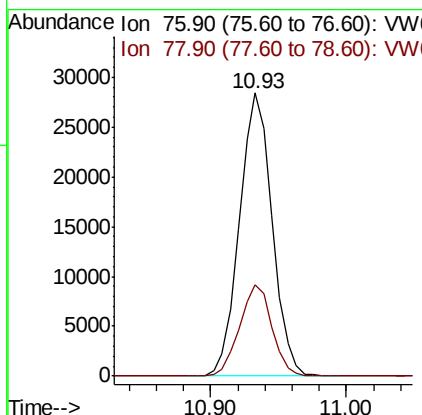
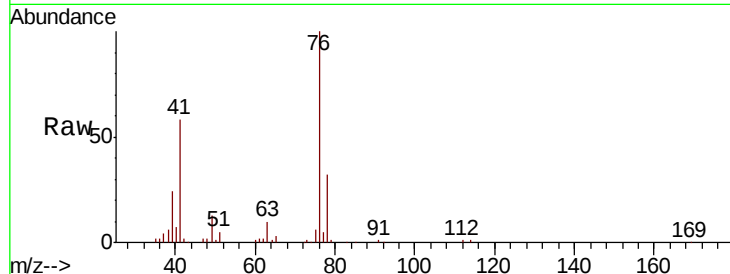




#57
 1,3-Dichloropropane
 Concen: 53.369 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

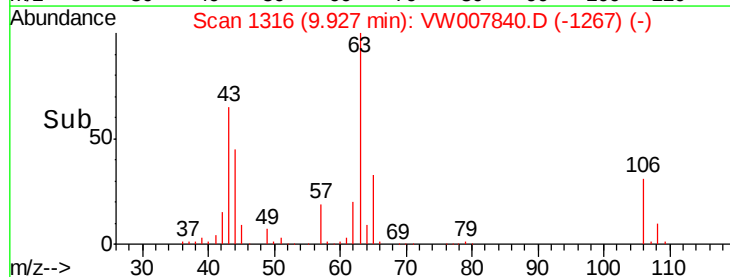
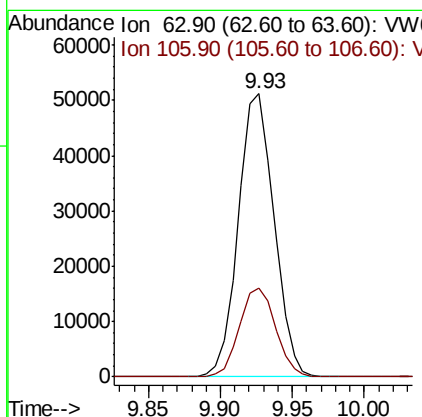
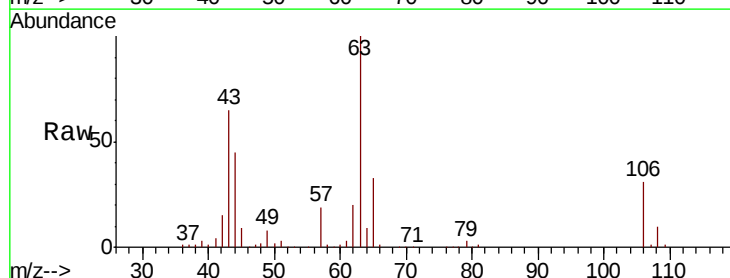
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

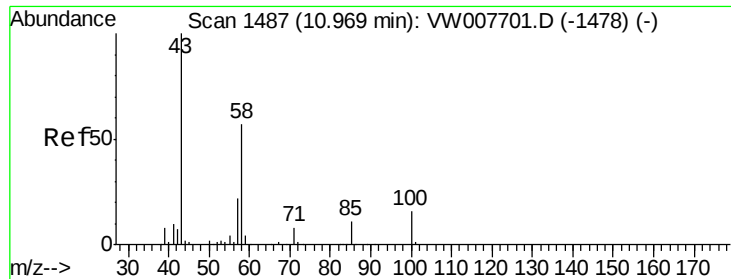
Tgt Ion: 76 Resp: 47618
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.801 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 63 Resp: 88347
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.9 38.9

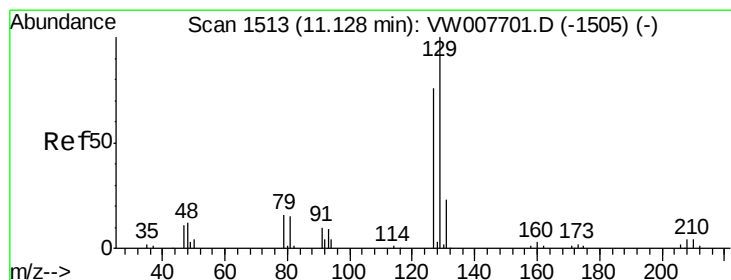
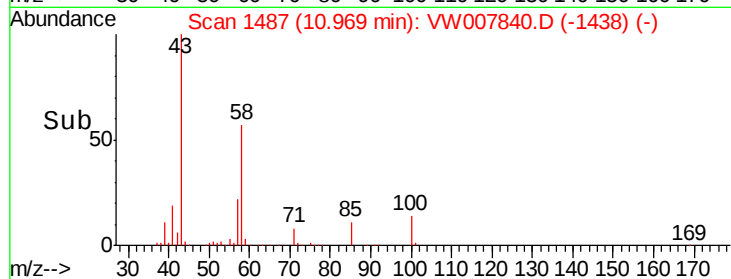
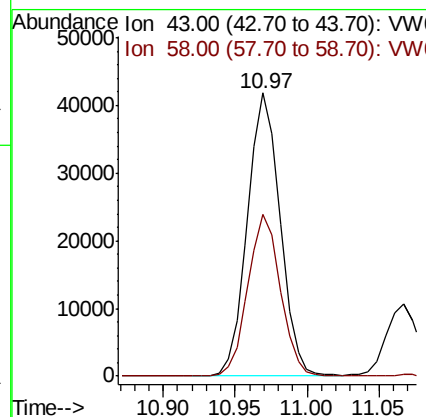
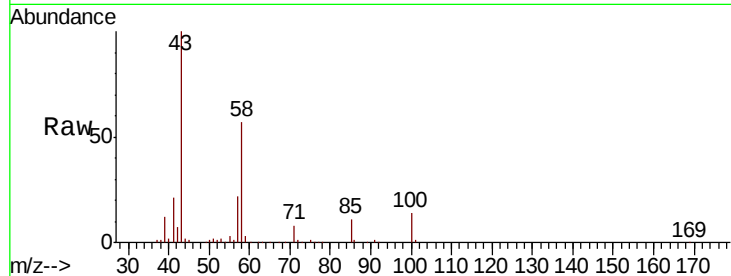




#59
2-Hexanone
Concen: 267.283 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

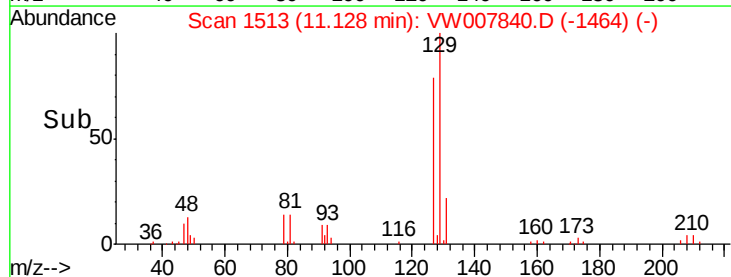
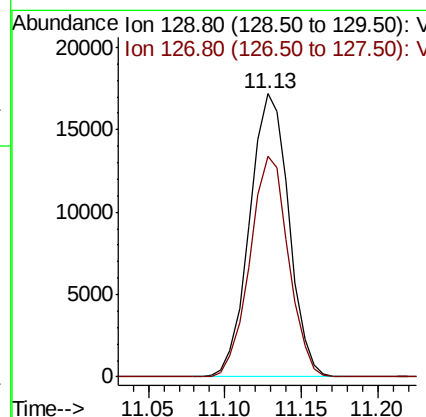
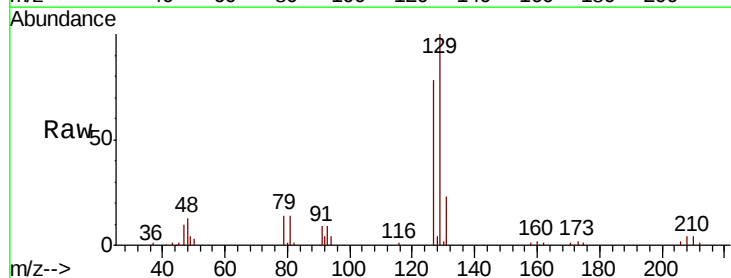
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion: 43 Resp: 65681
Ion Ratio Lower Upper
43 100
58 56.9 27.7 83.1



#60
Dibromochloromethane
Concen: 43.103 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 129 Resp: 30665
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9

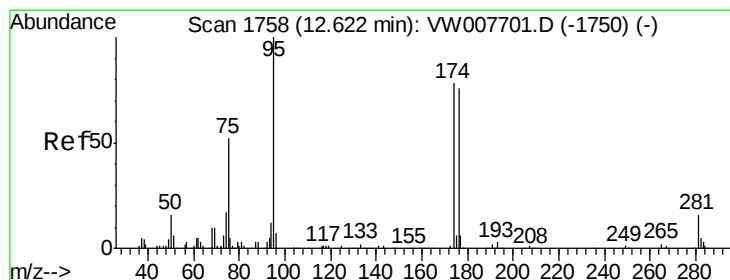
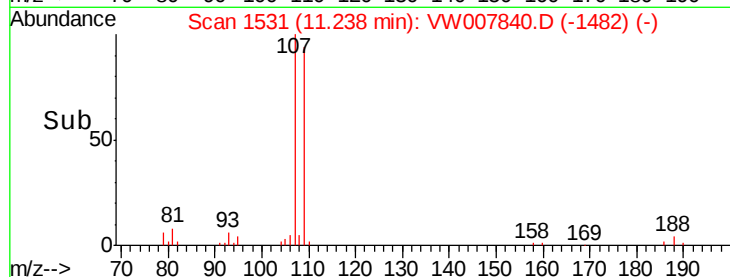
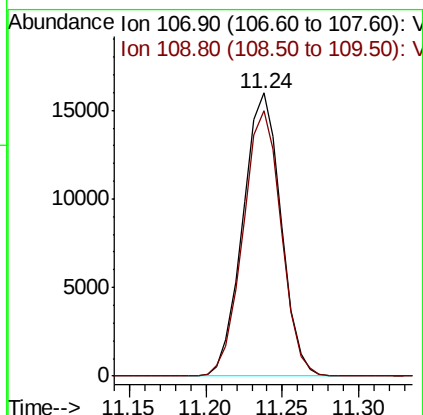
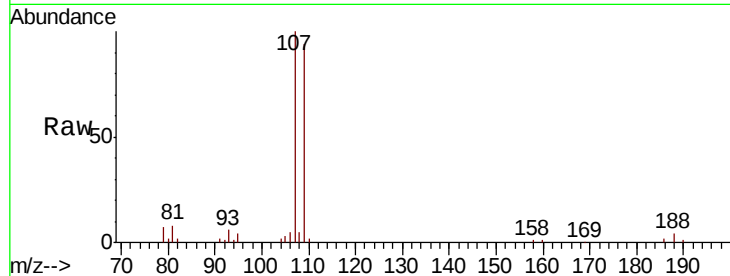




#61
1,2-Dibromoethane
Concen: 50.842 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

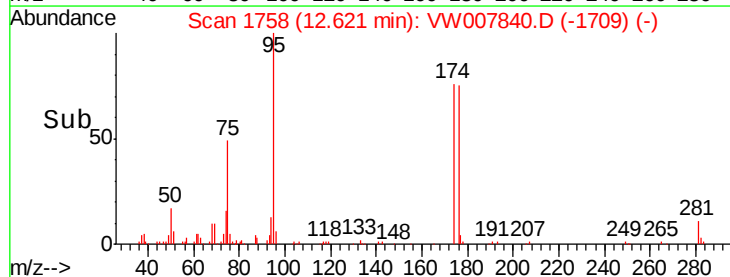
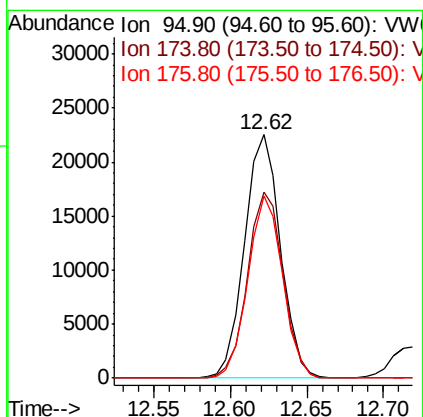
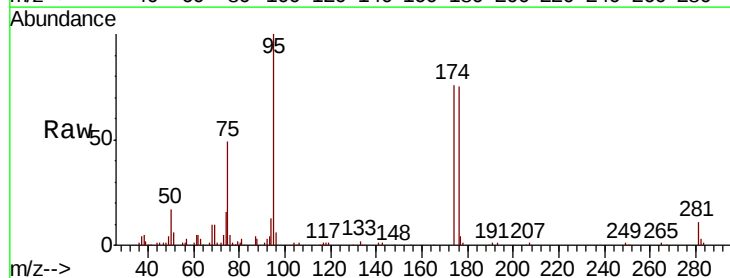
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

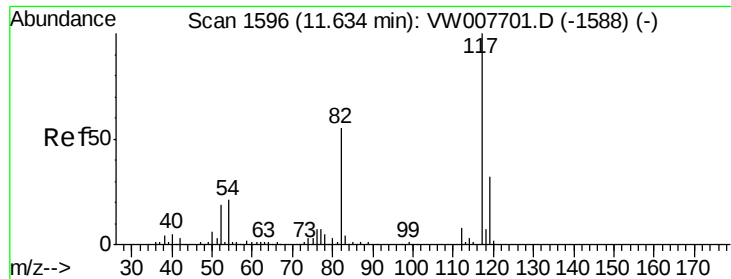
Tgt Ion: 107 Resp: 27664
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 37.283 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 95 Resp: 36699
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.2
176 72.4 0.0 146.8

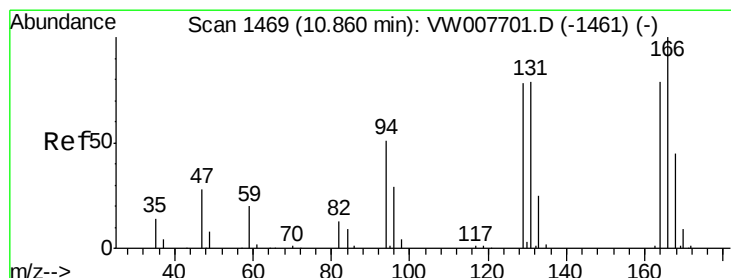
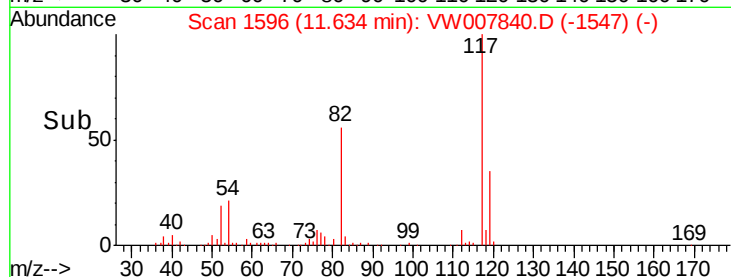
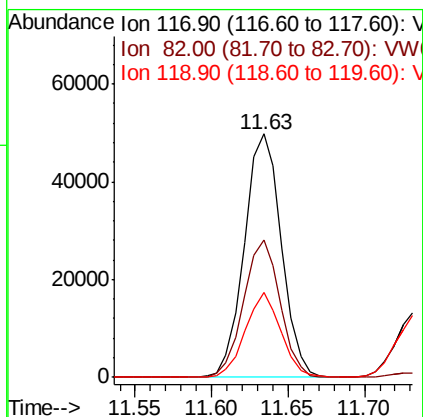
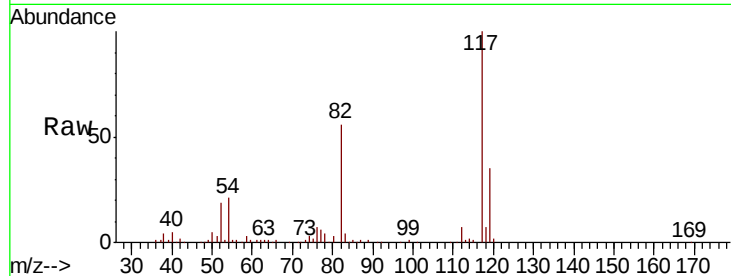




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

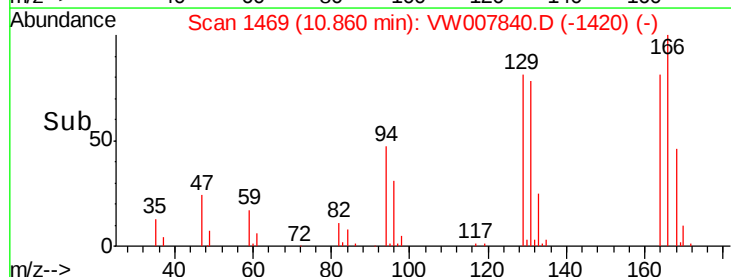
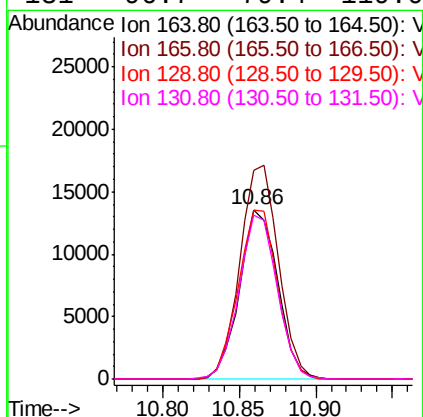
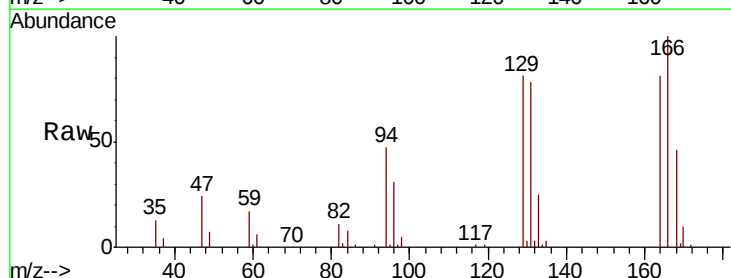
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

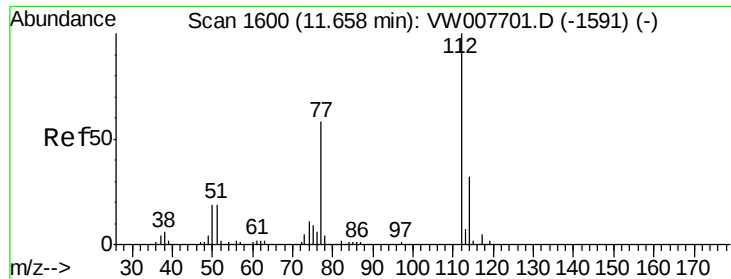
Tgt Ion:117 Resp: 83666
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 34.9 25.7 38.5



#64
Tetrachloroethene
Concen: 39.685 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion:164 Resp: 23512
Ion Ratio Lower Upper
164 100
166 123.4 101.0 151.6
129 99.6 78.7 118.1
131 96.7 79.4 119.0





#65

Chlorobenzene

Concen: 48.393 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

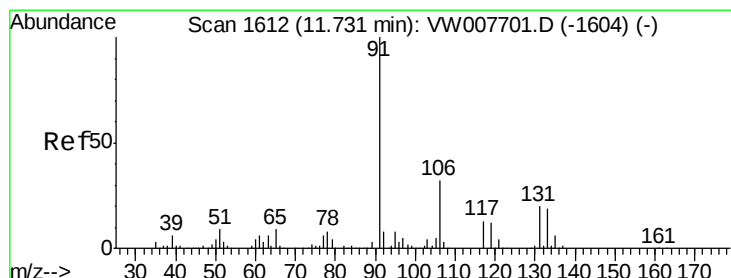
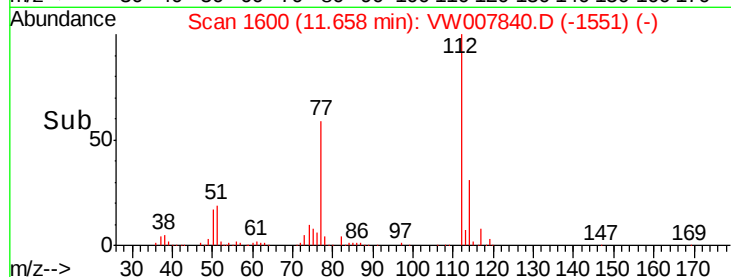
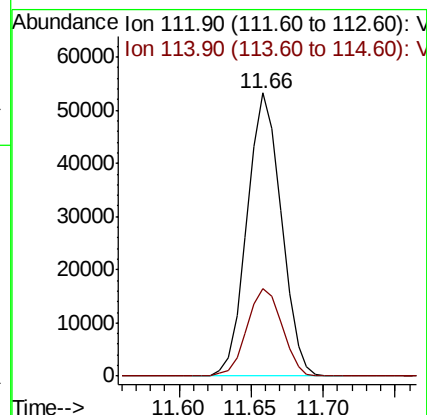
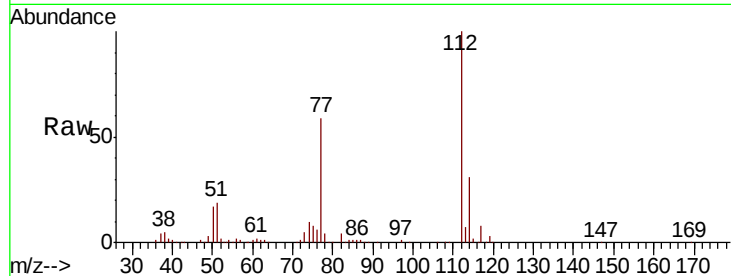
P001-SS006-1824-01MS

Tgt Ion:112 Resp: 87634

Ion Ratio Lower Upper

112 100

114 30.9 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 49.471 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

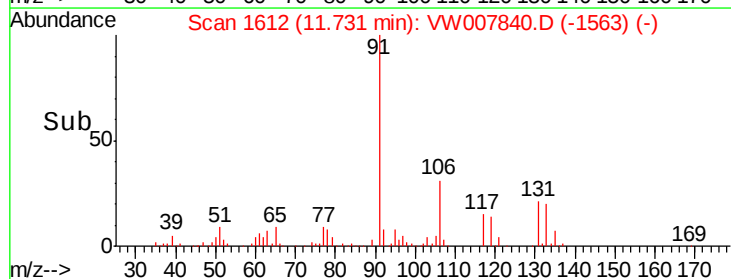
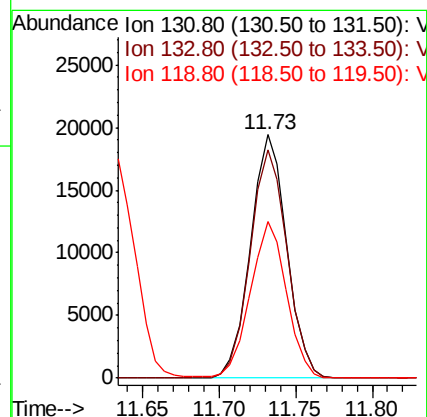
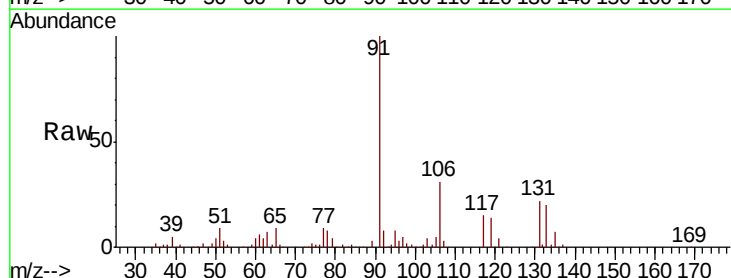
Tgt Ion:131 Resp: 32011

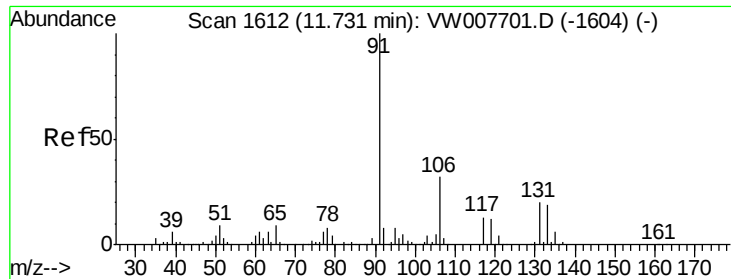
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.5

119 64.5 30.2 90.6

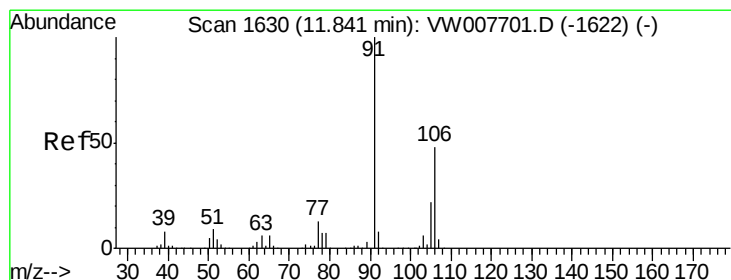
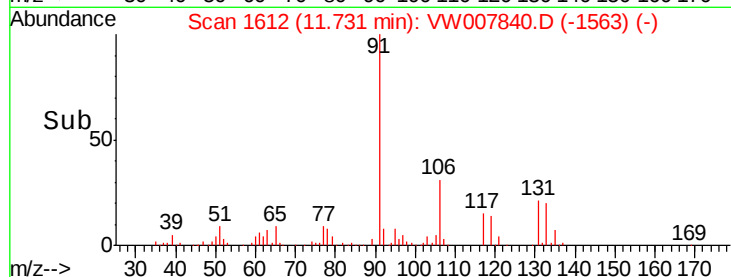
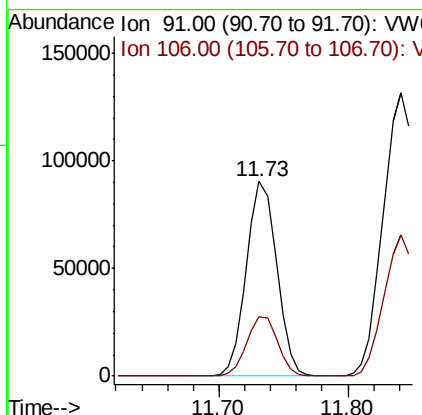
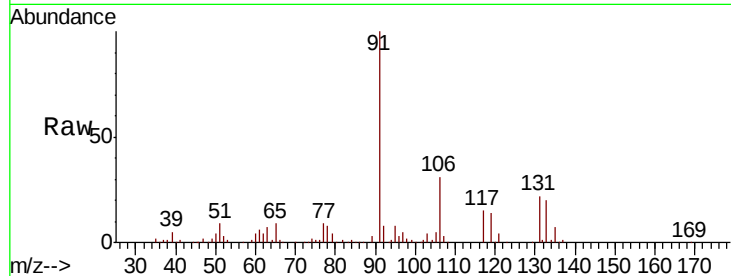




#67
Ethyl Benzene
Concen: 47.314 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

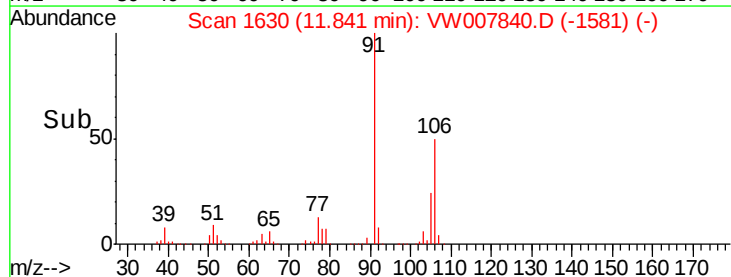
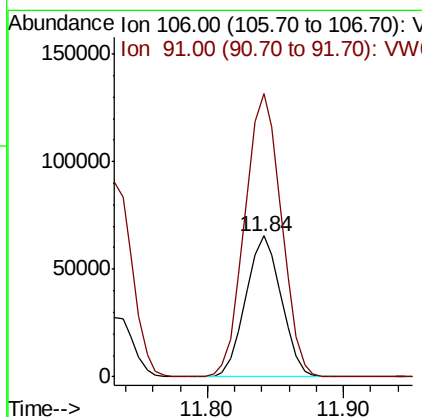
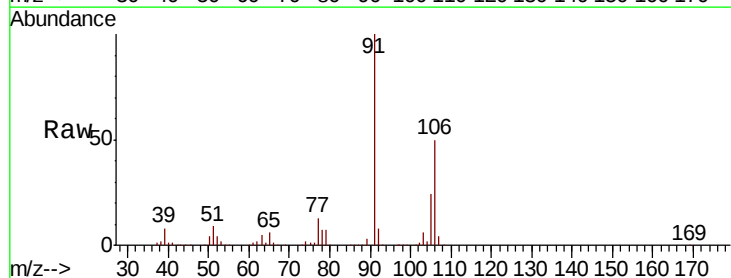
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

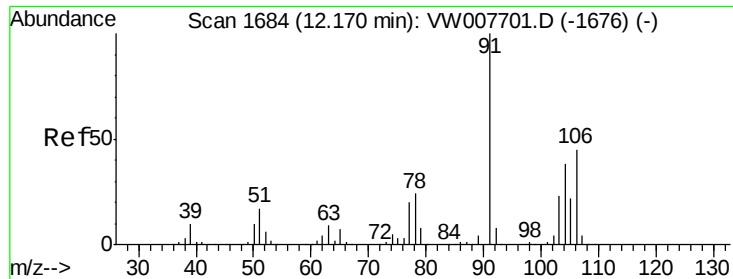
Tgt Ion: 91 Resp: 147028
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.8



#68
m/p-Xylenes
Concen: 99.868 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 106 Resp: 120385
Ion Ratio Lower Upper
106 100
91 205.7 165.2 247.8

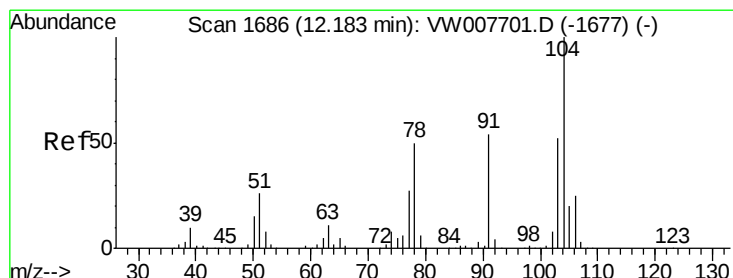
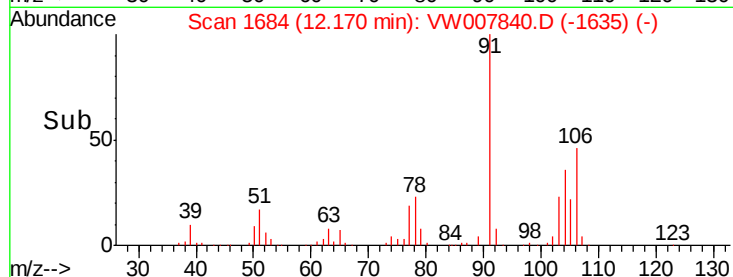
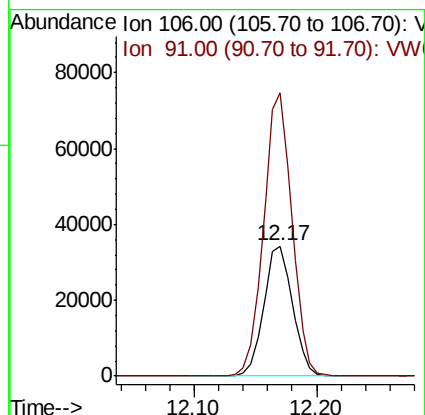
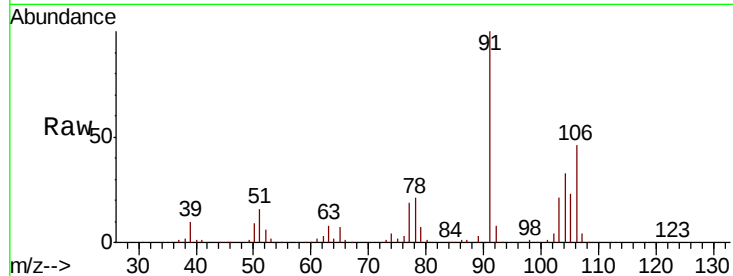




#69
o-Xylene
Concen: 49.678 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

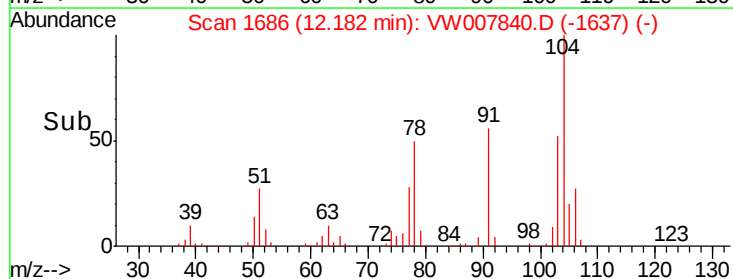
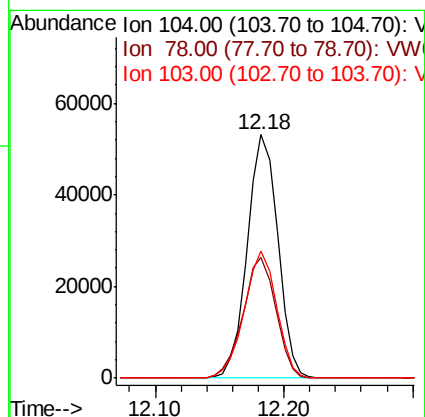
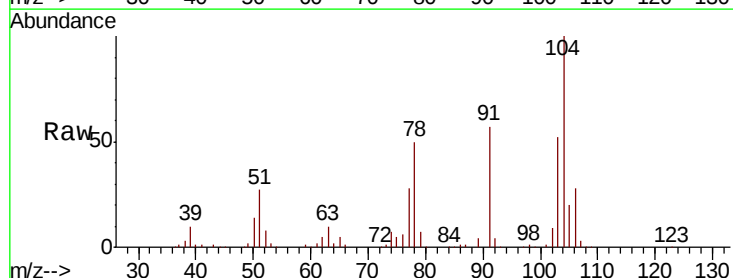
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

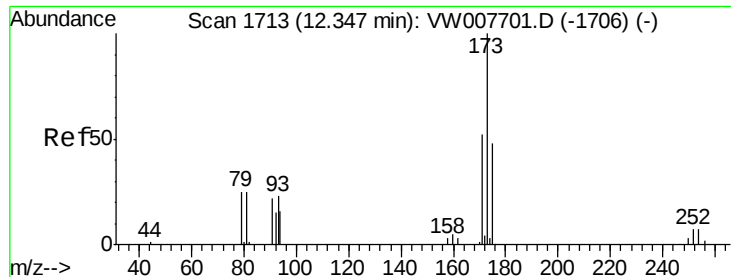
Tgt Ion:106 Resp: 56133
Ion Ratio Lower Upper
106 100
91 213.5 110.5 331.4



#70
Styrene
Concen: 46.807 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion:104 Resp: 86939
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 55.3 44.5 66.7





#71

Bromoform

Concen: 46.243 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

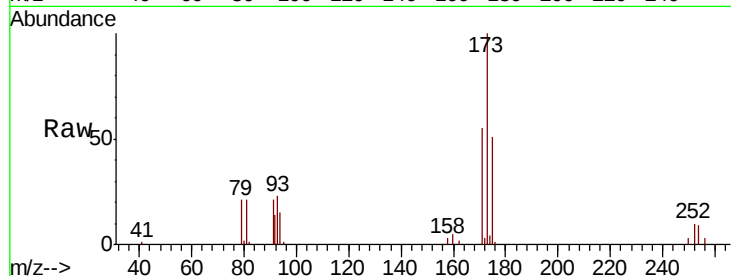
Tgt Ion:173 Resp: 15533

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

254 0.0 0.0 0.0

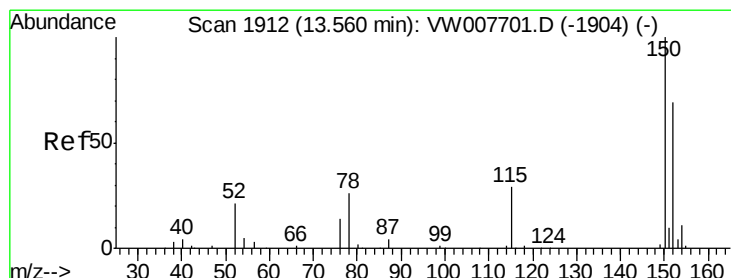
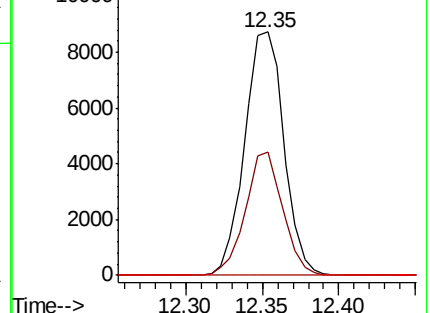
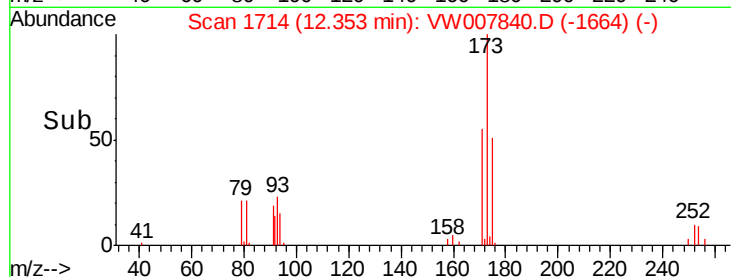


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

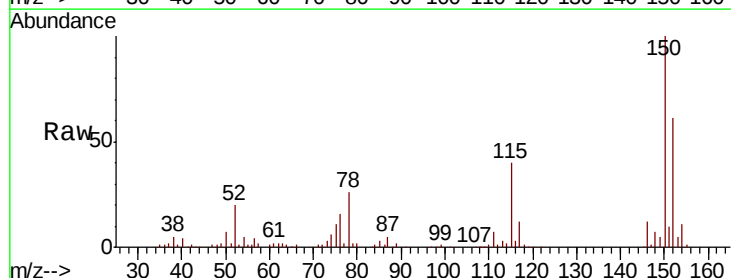
Tgt Ion:152 Resp: 27687

Ion Ratio Lower Upper

152 100

115 64.0 31.8 95.4

150 179.1 0.0 350.8

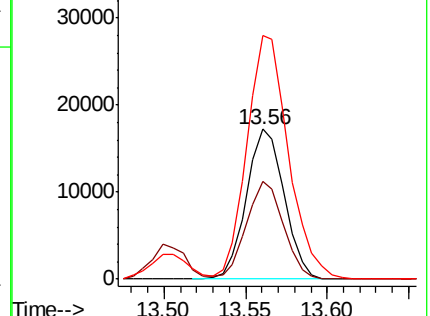
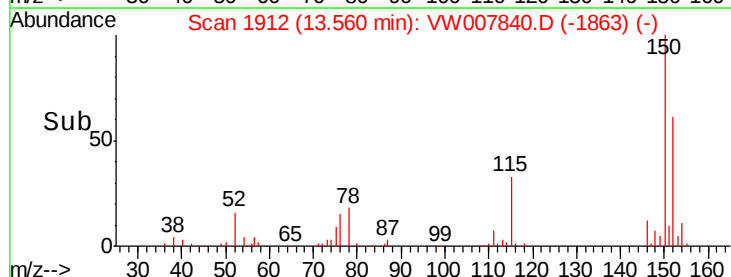


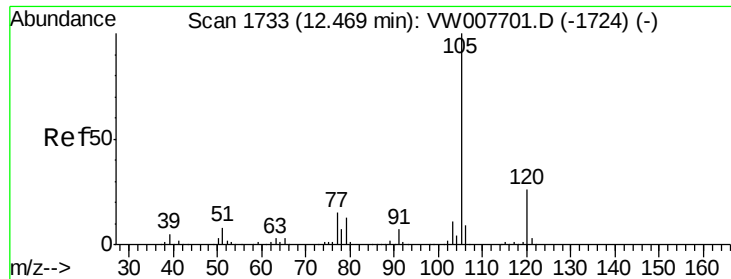
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.530 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

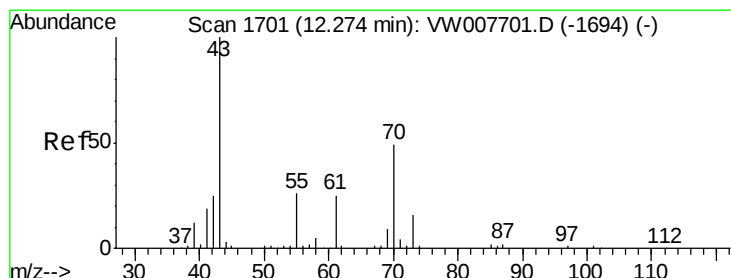
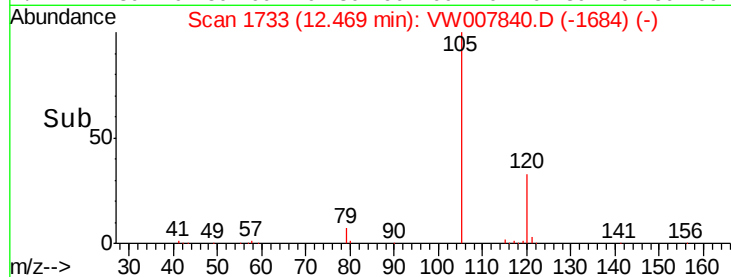
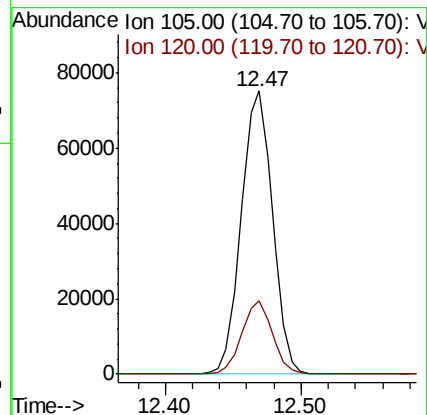
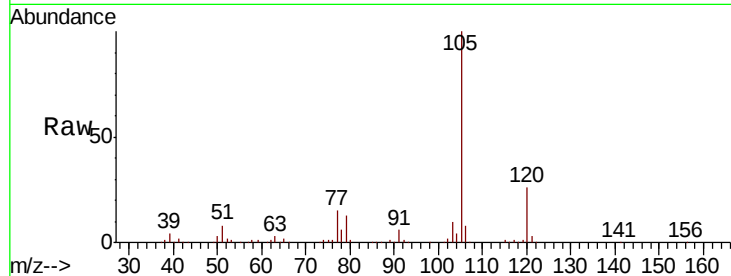
P001-SS006-1824-01MS

Tgt Ion:105 Resp: 120401

Ion Ratio Lower Upper

105 100

120 24.9 13.1 39.3



#74

N-ethyl acetate

Concen: 40.942 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion: 43 Resp: 14842

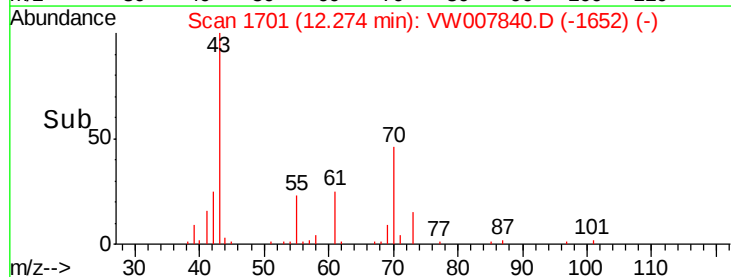
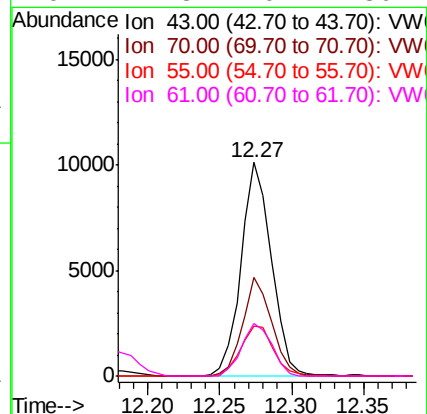
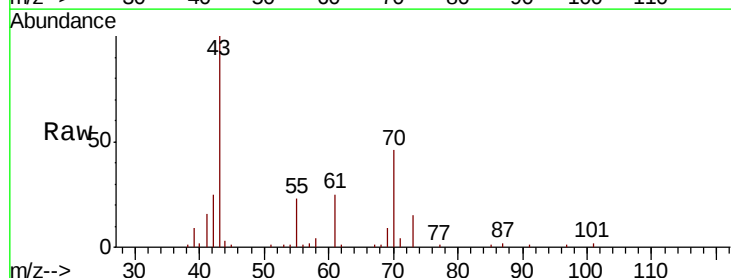
Ion Ratio Lower Upper

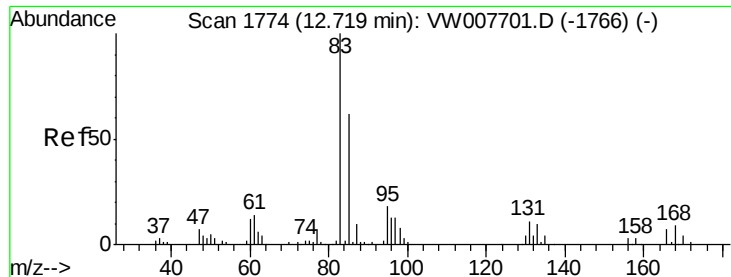
43 100

70 44.2 37.6 56.4

55 24.8 21.7 32.5

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 87.416 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

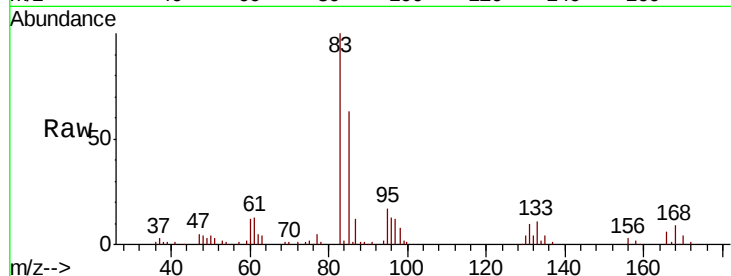
Tgt Ion: 83 Resp: 27430

Ion Ratio Lower Upper

83 100

131 11.4 6.3 18.8

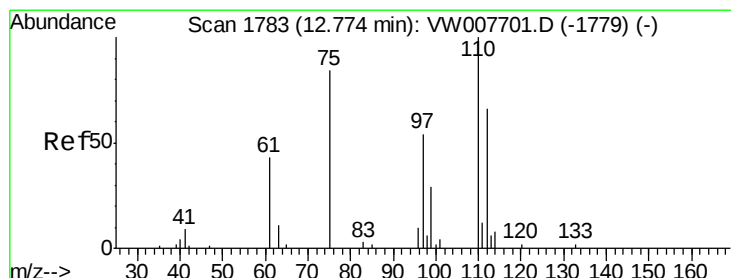
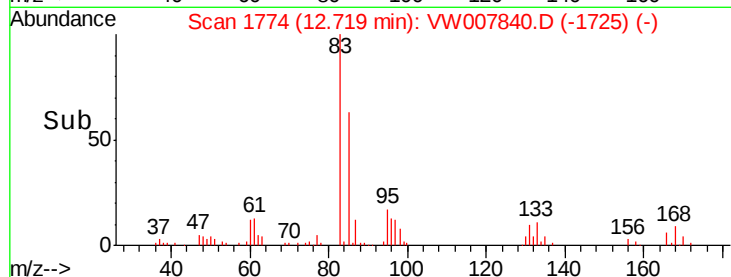
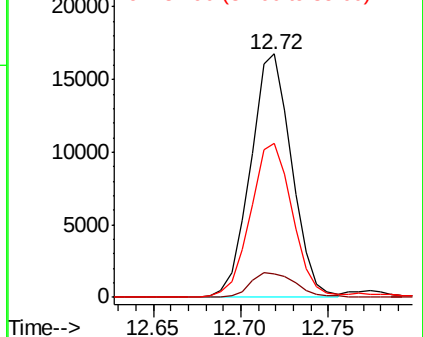
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 177.430 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007840.D

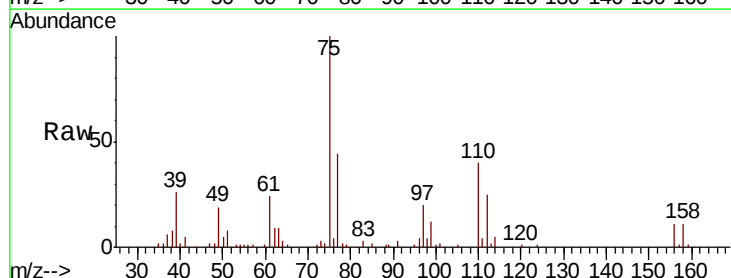
Acq: 22 Dec 2018 13:36

Tgt Ion: 75 Resp: 37969

Ion Ratio Lower Upper

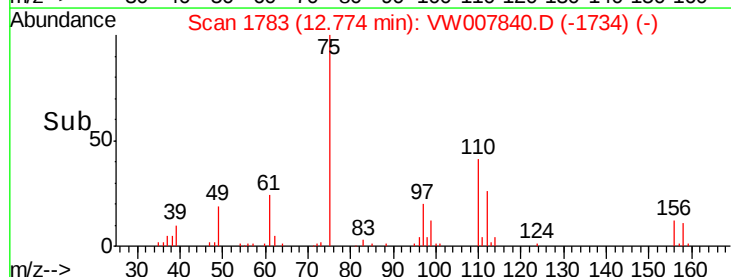
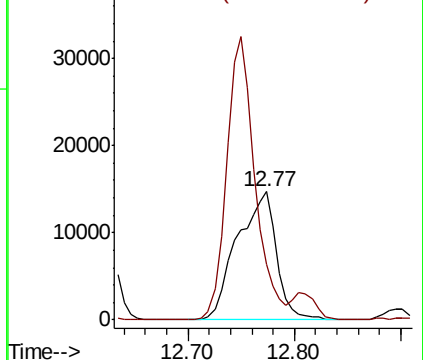
75 100

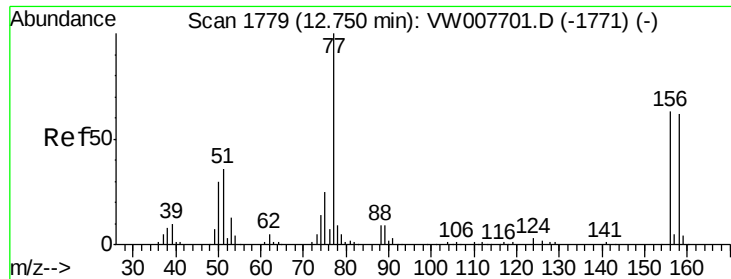
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 66.081 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

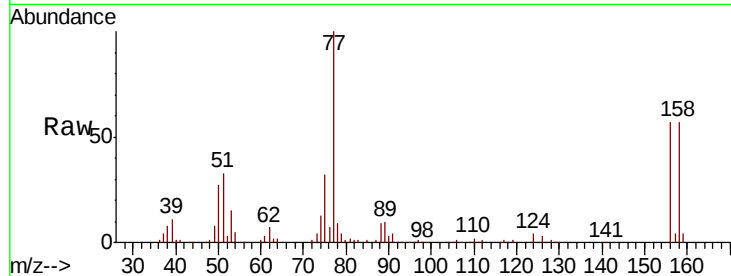
Tgt Ion:156 Resp: 31694

Ion Ratio Lower Upper

156 100

77 190.6 87.4 262.1

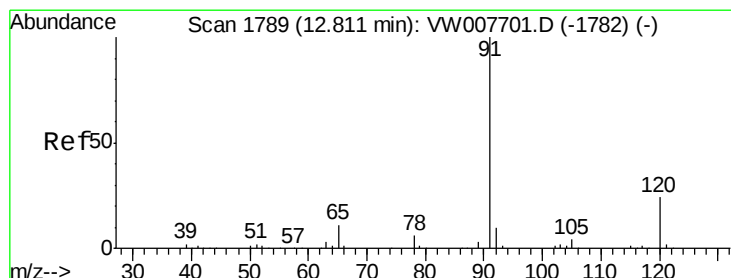
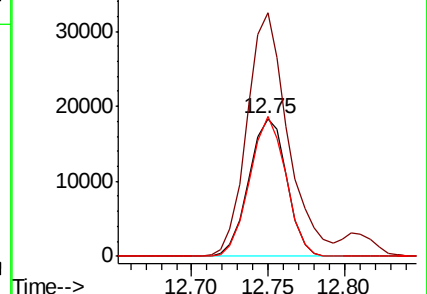
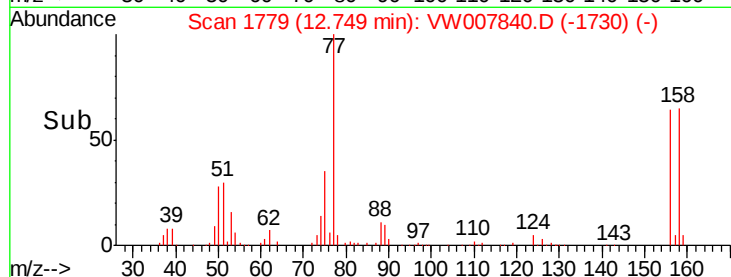
158 96.9 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.190 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007840.D

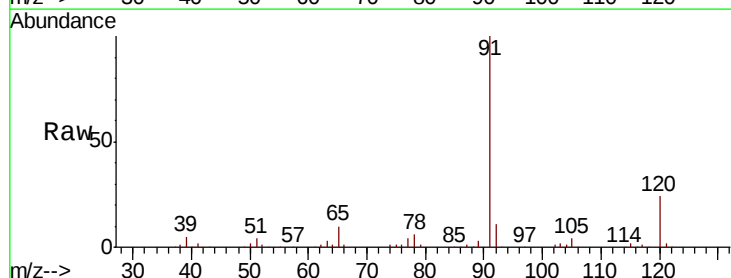
Acq: 22 Dec 2018 13:36

Tgt Ion: 91 Resp: 122272

Ion Ratio Lower Upper

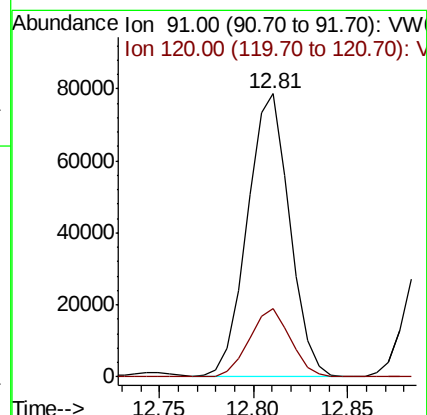
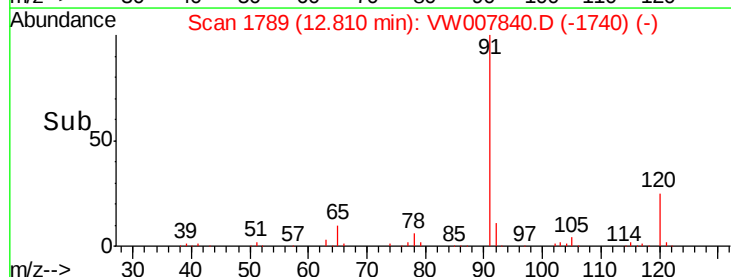
91 100

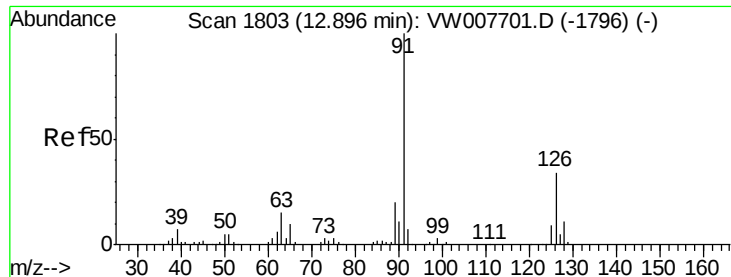
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.692 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

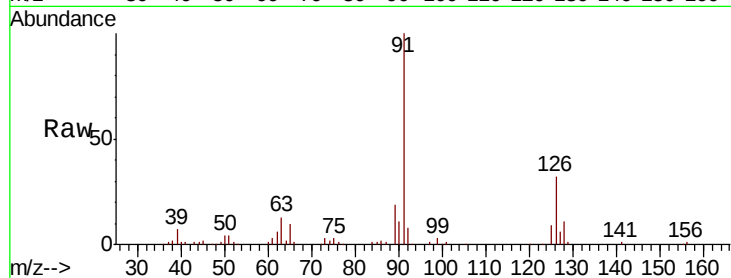
P001-SS006-1824-01MS

Tgt Ion: 91 Resp: 79038

Ion Ratio Lower Upper

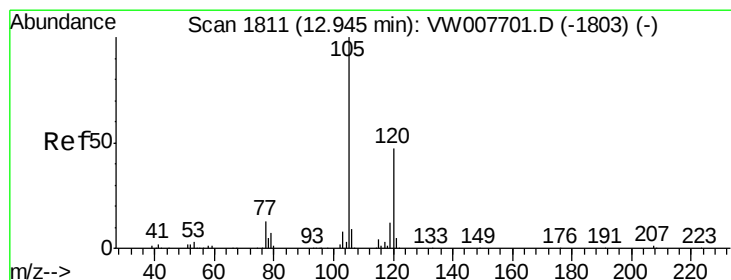
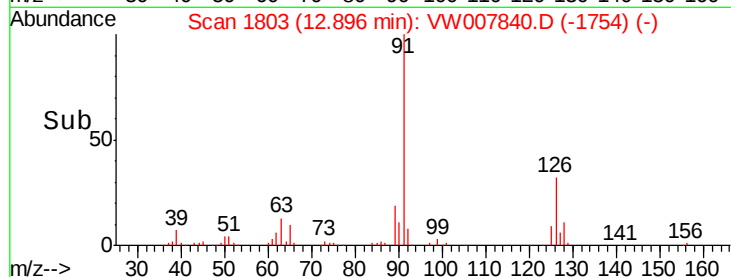
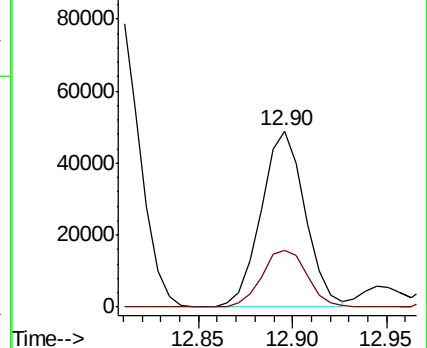
91 100

126 33.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.910 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007840.D

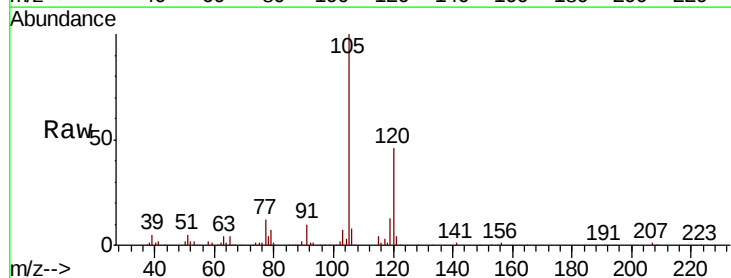
Acq: 22 Dec 2018 13:36

Tgt Ion:105 Resp: 90098

Ion Ratio Lower Upper

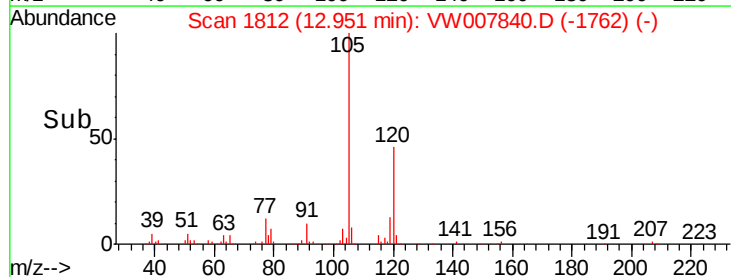
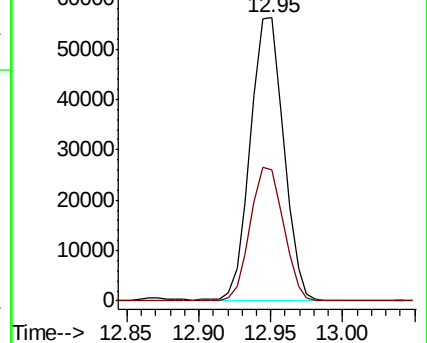
105 100

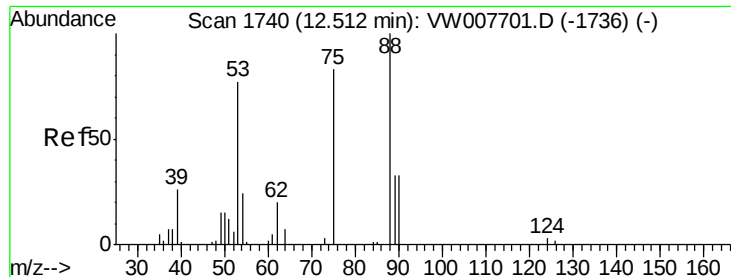
120 47.1 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 88.428 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

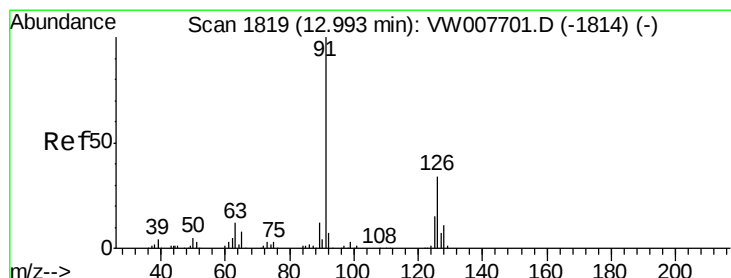
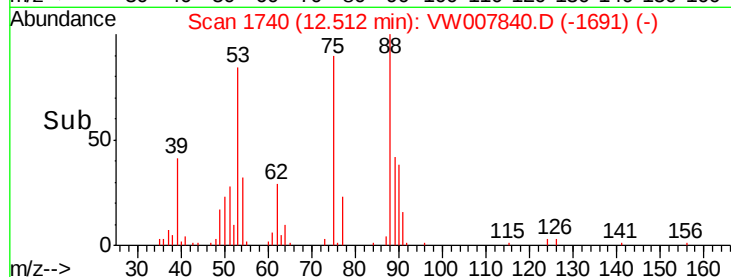
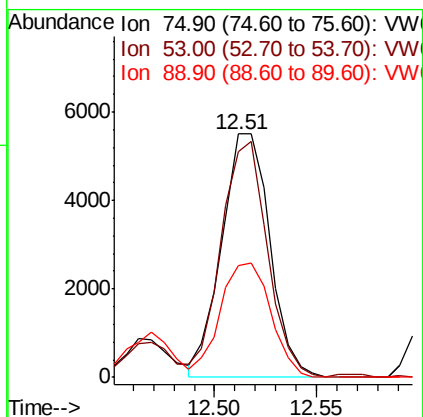
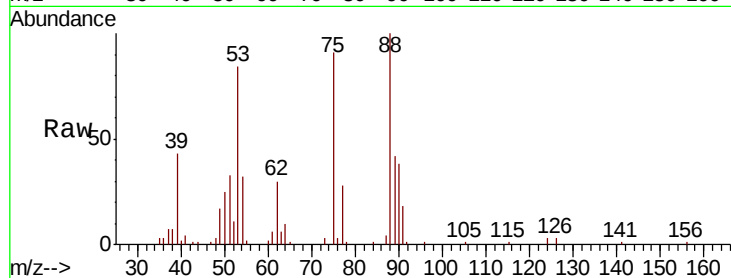
Tgt Ion: 75 Resp: 9015

Ion Ratio Lower Upper

75 100

53 93.0 80.2 120.2

89 49.6 39.2 58.8



#82

4-Chlorotoluene

Concen: 55.705 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007840.D

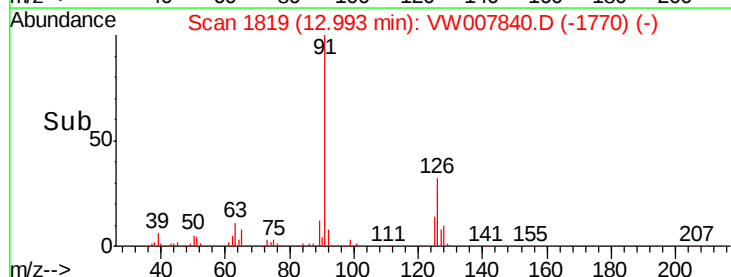
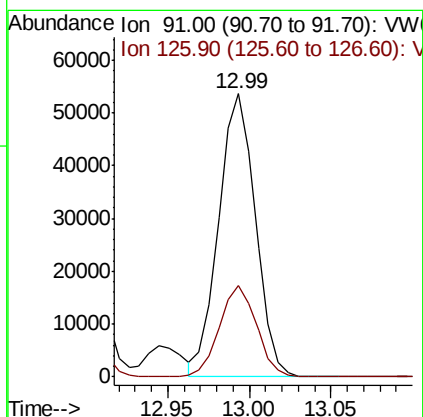
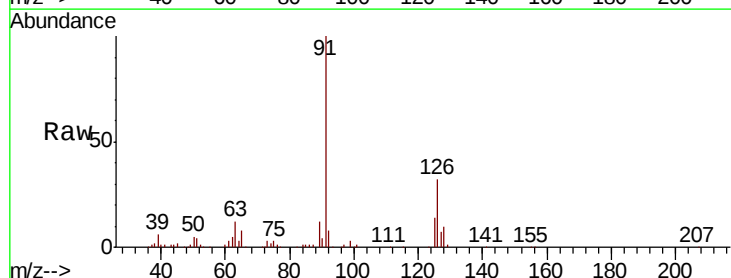
Acq: 22 Dec 2018 13:36

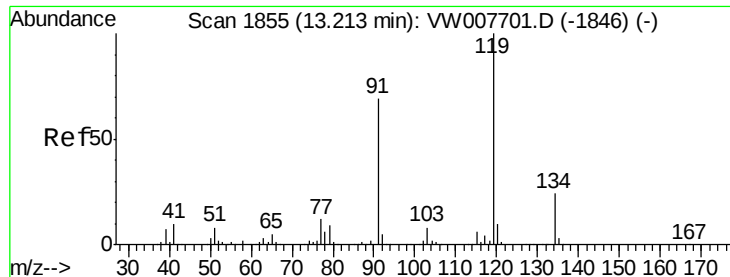
Tgt Ion: 91 Resp: 84176

Ion Ratio Lower Upper

91 100

126 32.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 45.950 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

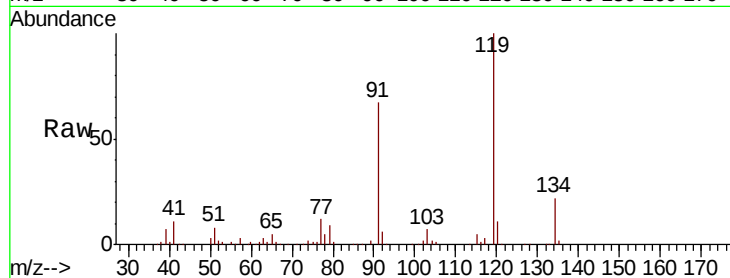
Tgt Ion:119 Resp: 72782

Ion Ratio Lower Upper

119 100

91 66.6 34.2 102.5

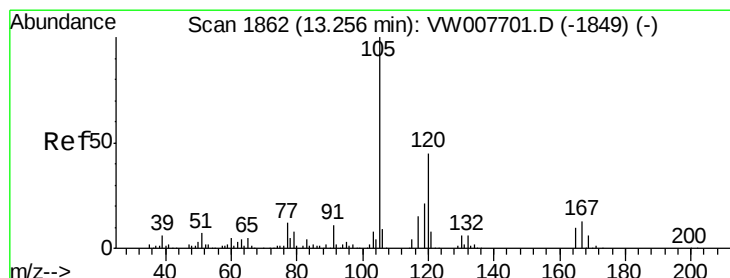
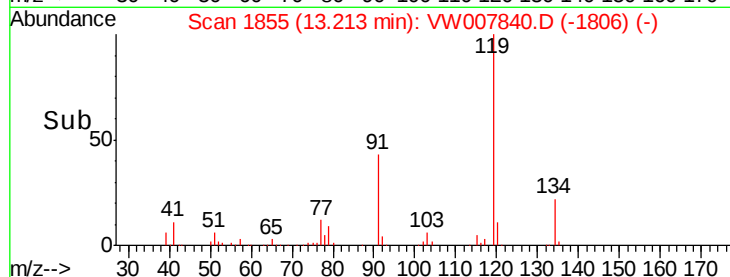
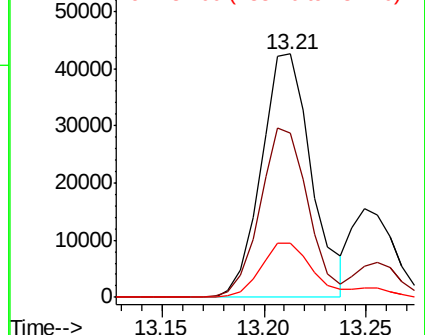
134 23.3 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.990 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007840.D

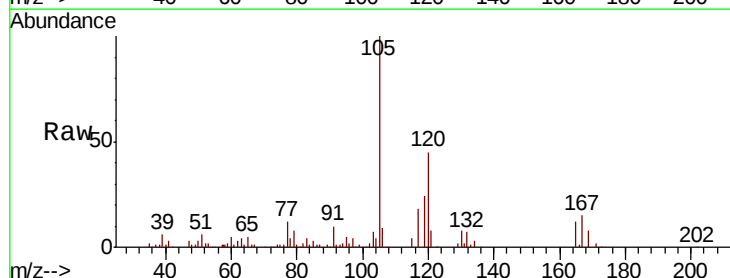
Acq: 22 Dec 2018 13:36

Tgt Ion:105 Resp: 92882

Ion Ratio Lower Upper

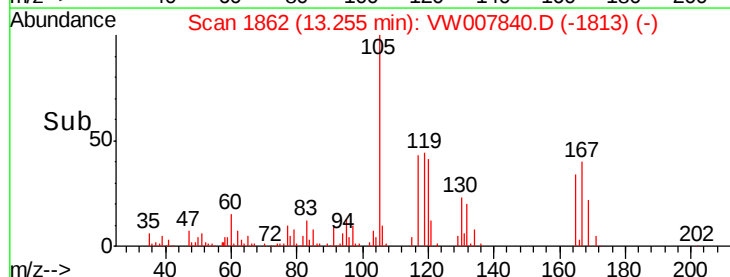
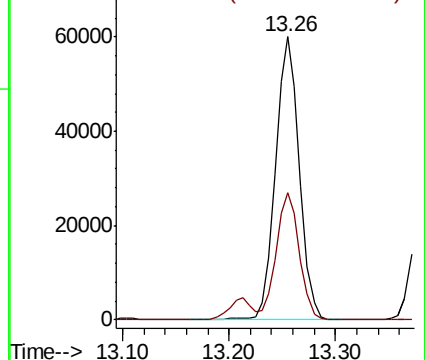
105 100

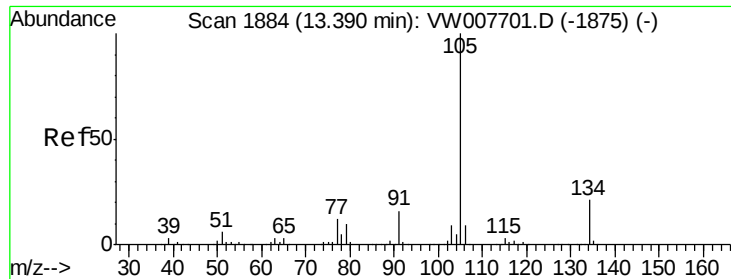
120 44.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

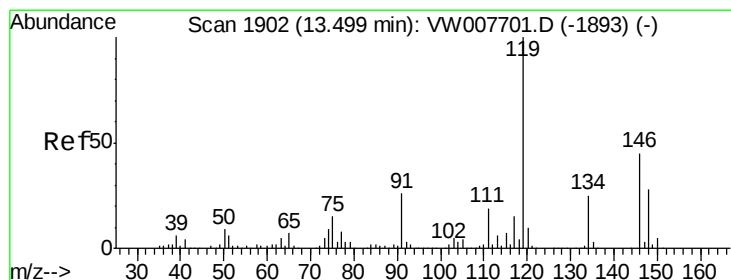
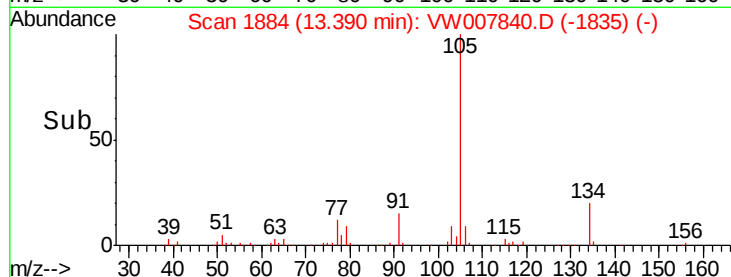
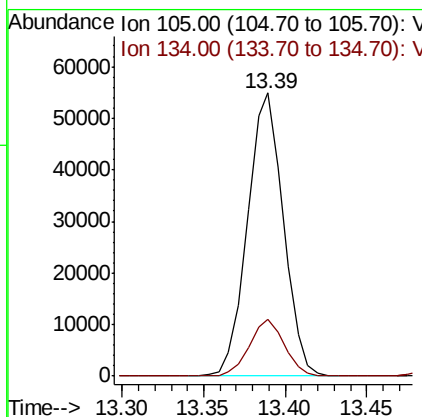
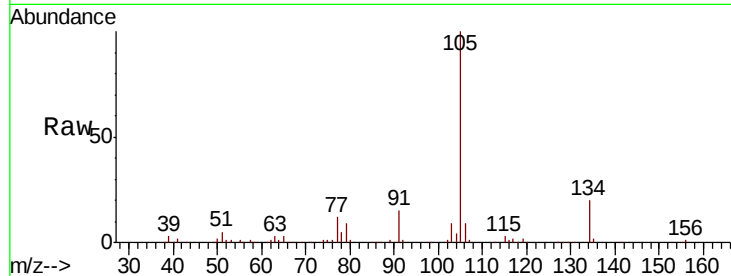




#85
 sec-Butylbenzene
 Concen: 38.551 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

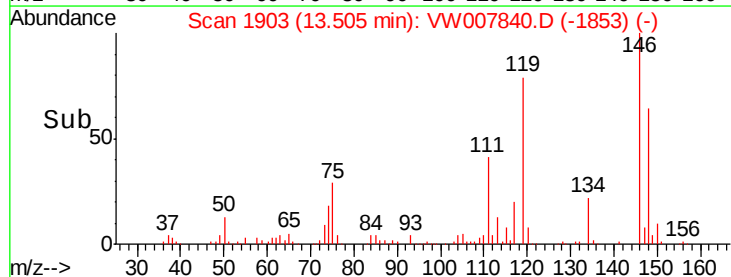
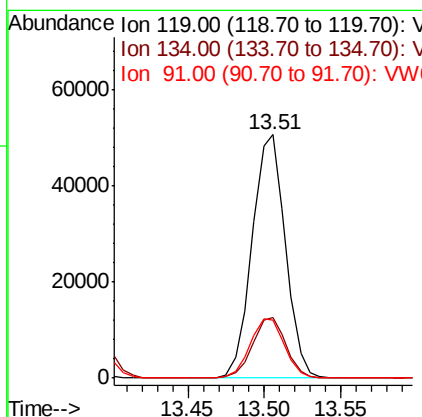
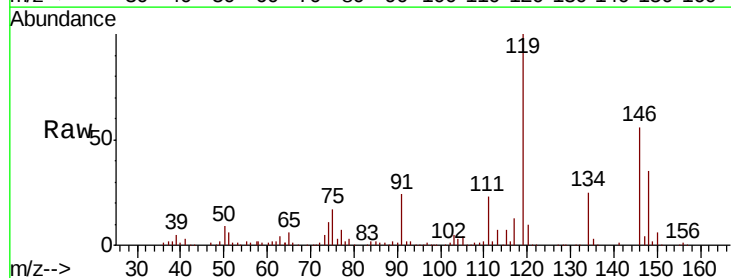
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

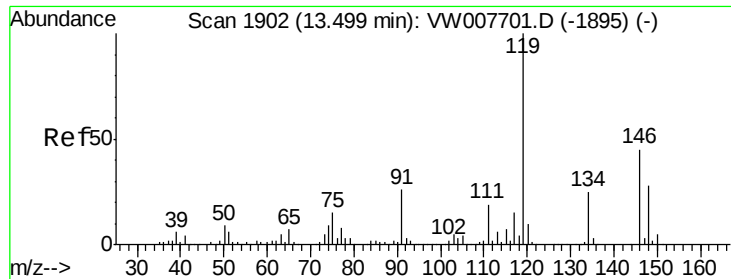
Tgt Ion:105 Resp: 84156
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 38.528 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion:119 Resp: 76477
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 25.0 12.8 38.4

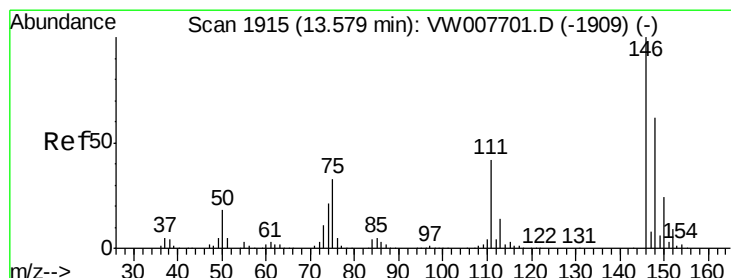
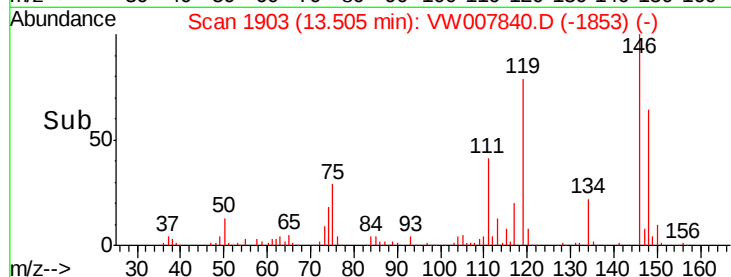
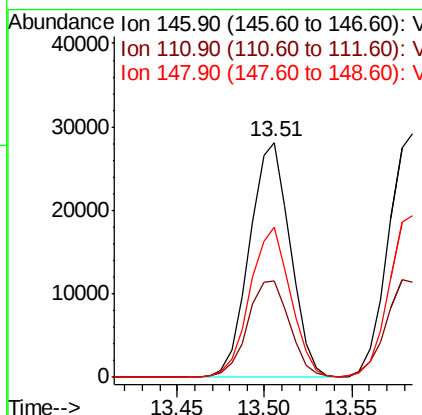
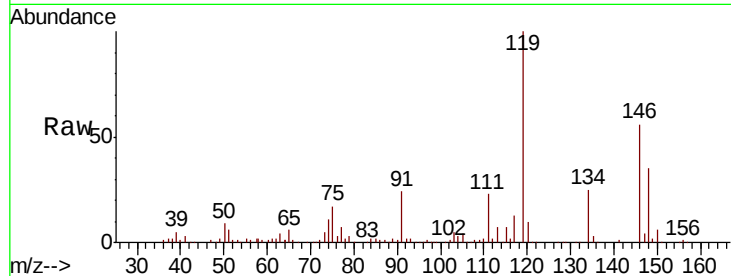




#87
 1,3-Dichlorobenzene
 Concen: 47.778 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

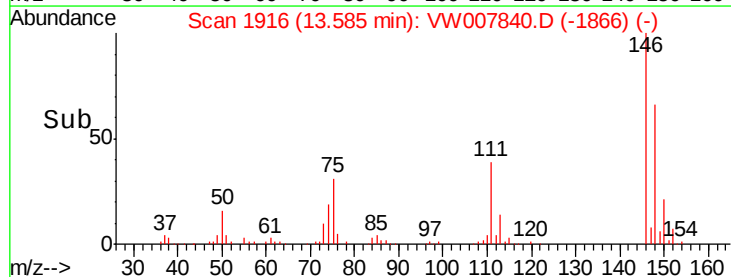
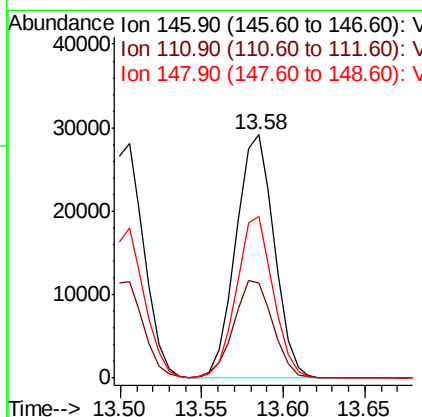
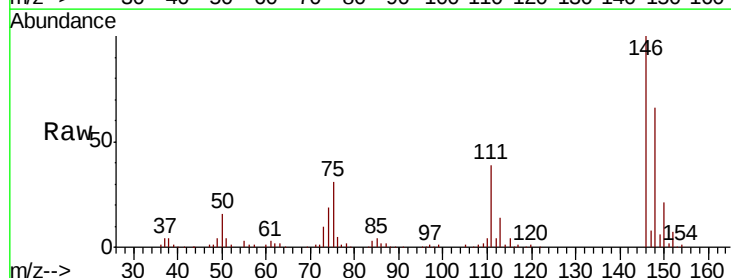
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tgt Ion:146 Resp: 45498
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.4
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.129 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion:146 Resp: 47751
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.0 63.0
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 32.566 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

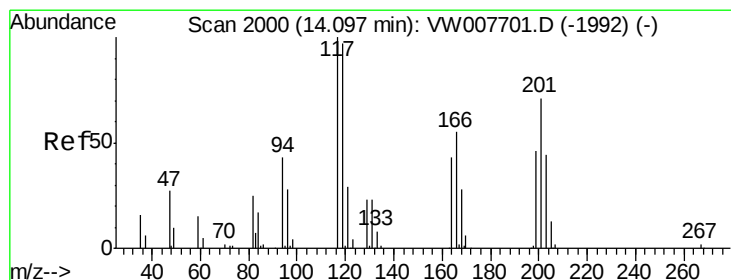
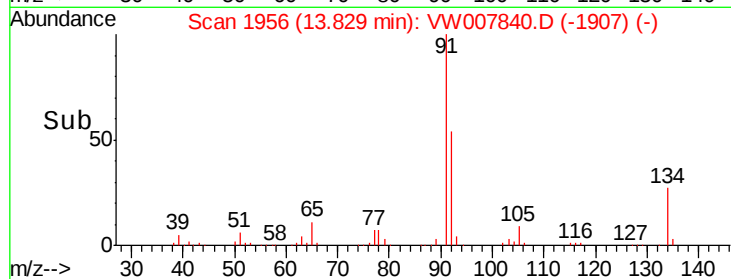
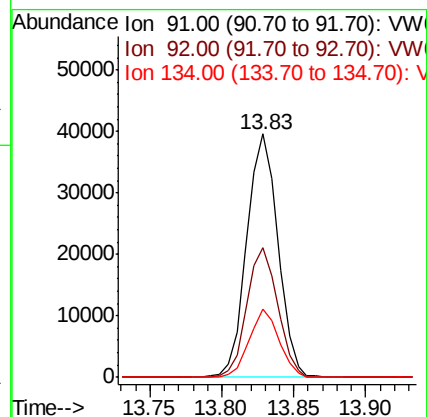
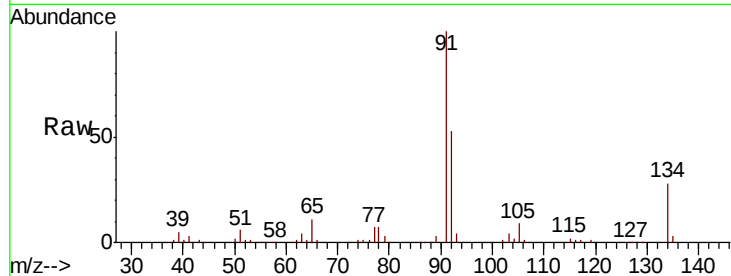
Tgt Ion: 91 Resp: 59270

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 26.7 13.7 41.0



#90

Hexachloroethane

Concen: 30.658 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007840.D

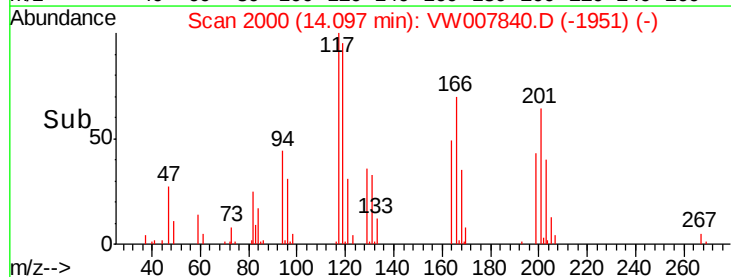
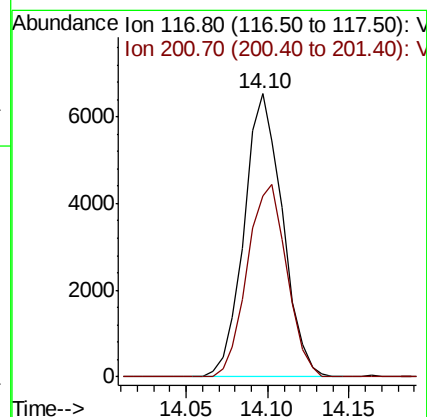
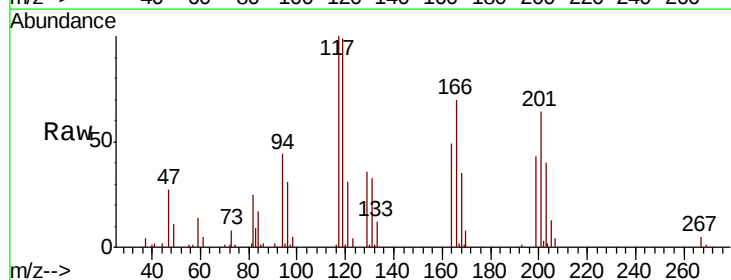
Acq: 22 Dec 2018 13:36

Tgt Ion: 117 Resp: 10684

Ion Ratio Lower Upper

117 100

201 70.0 36.2 108.6

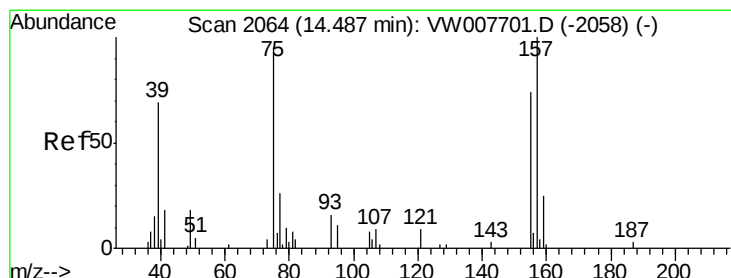
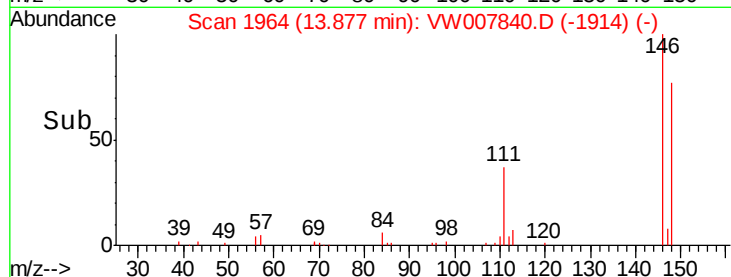
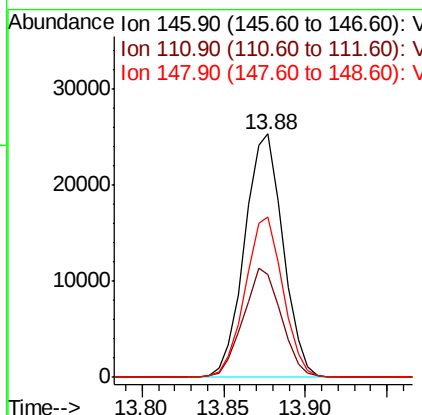
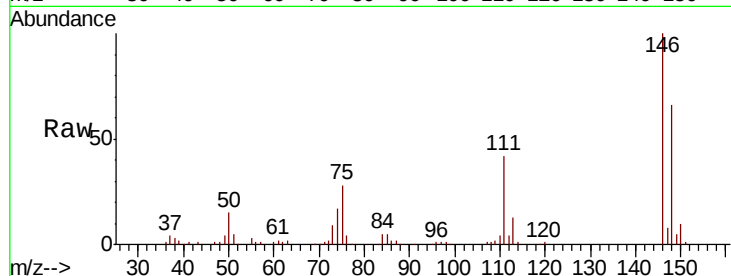




#91
 1,2-Dichlorobenzene
 Concen: 48.723 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

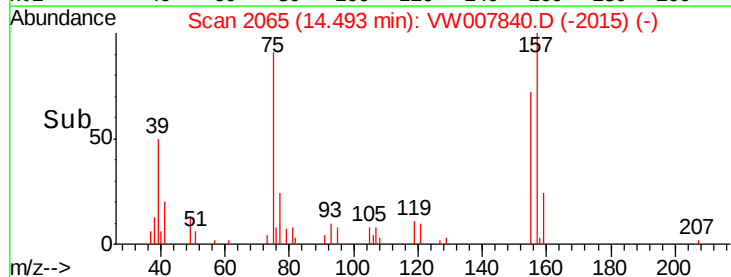
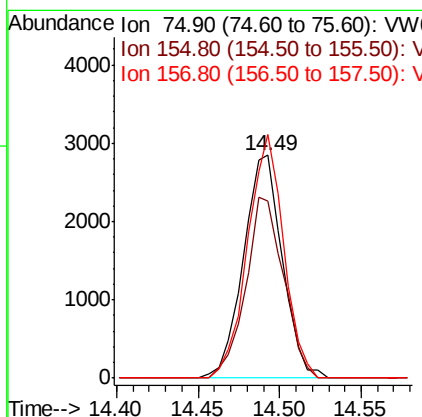
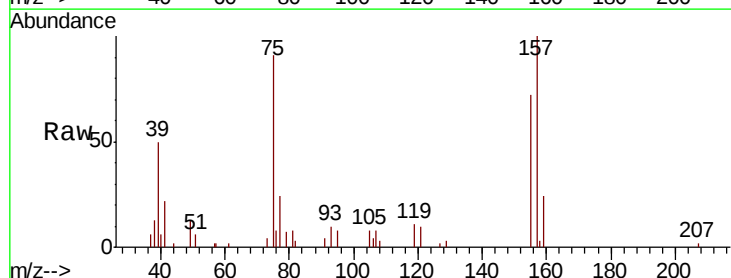
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

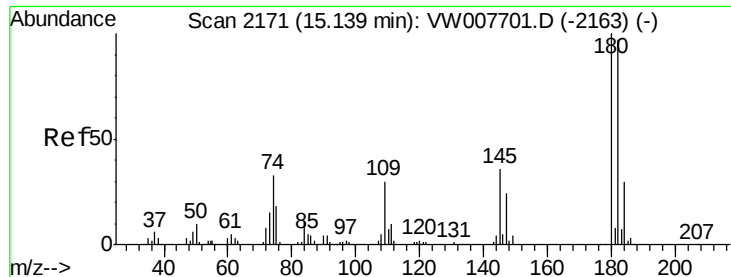
Tgt Ion: 146 Resp: 41542
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.7 65.1
 148 65.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.355 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 75 Resp: 4727
 Ion Ratio Lower Upper
 75 100
 155 79.1 39.4 118.1
 157 101.2 52.0 156.0

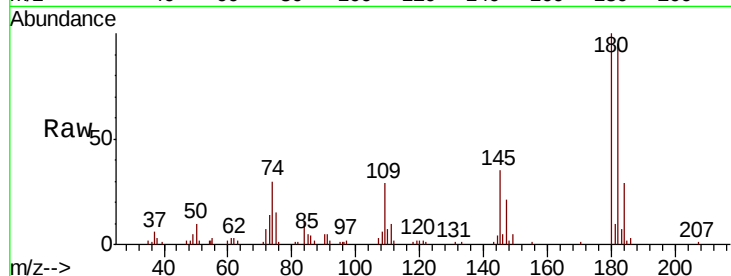




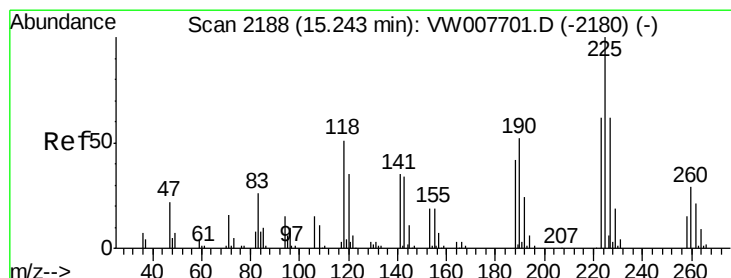
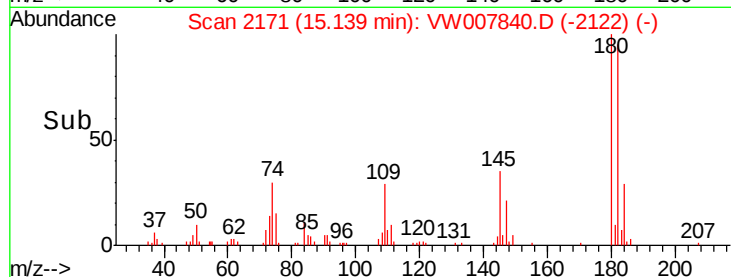
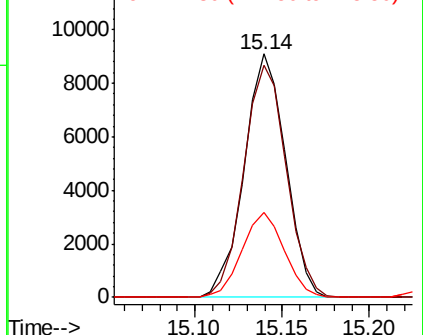
#93
 1,2,4-Trichlorobenzene
 Concen: 25.334 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tgt Ion:180 Resp: 14994
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.5 142.6
 145 35.5 17.5 52.5

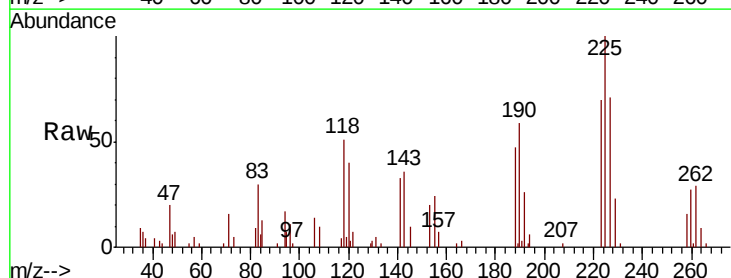


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

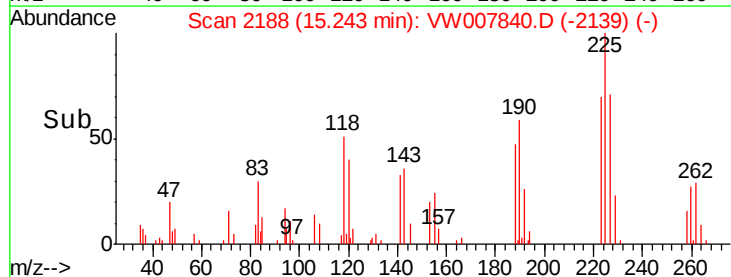
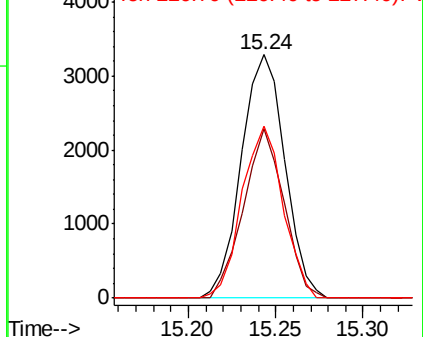


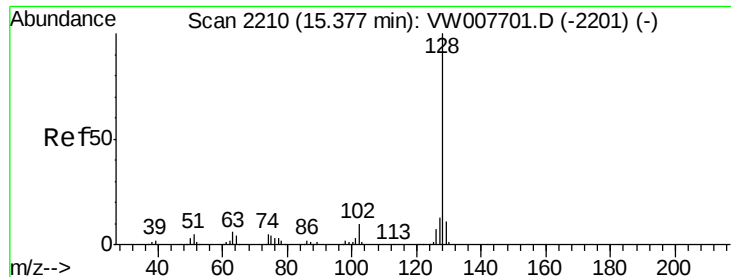
#94
 Hexachlorobutadiene
 Concen: 18.037 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion:225 Resp: 5705
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.6 94.8
 227 66.7 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

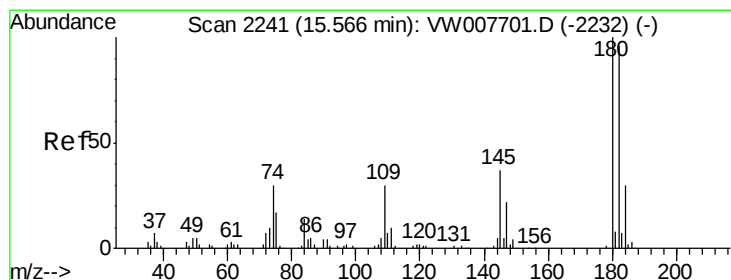
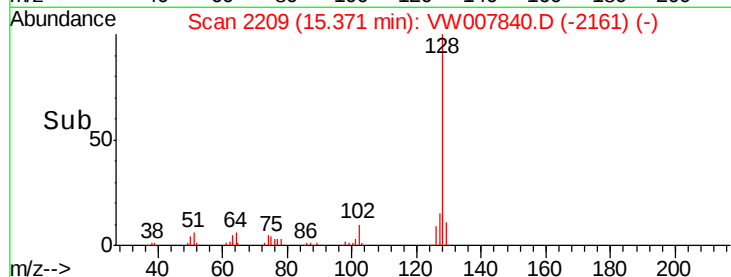
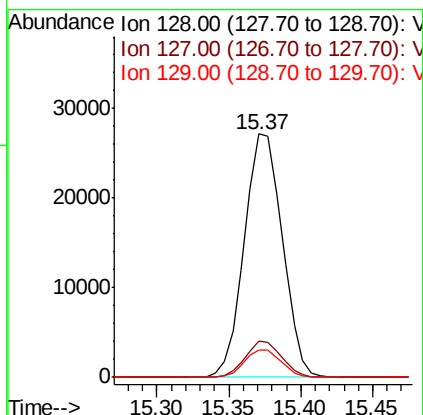
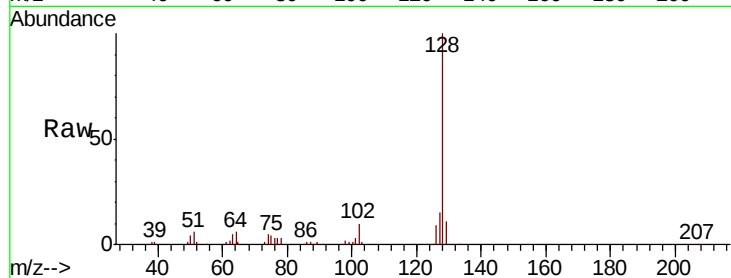




#95
Naphthalene
Concen: 45.535 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.7	16.1
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.059 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	37.0	18.4	55.0

