

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122318\
 Data File : VW007841.D
 Acq On : 22 Dec 2018 13:59
 Operator : SY/AP
 Sample : J6386-14MSD
 Misc : 6.32G/5ML/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Dec 23 23:51:36 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	18452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	32179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13496	66.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.46%	
35) Dibromofluoromethane	7.89	113	11248	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
50) Toluene-d8	10.32	98	36052	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.62	95	11234	39.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	7929	48.337	ug/l	97
3) Chloromethane	2.21	50	8214	81.547	ug/l	94
4) Vinyl Chloride	2.37	62	10227	79.760	ug/l	100
5) Bromomethane	2.79	94	7619	85.312	ug/l	94
6) Chloroethane	2.93	64	6201	90.397	ug/l	99
7) Trichlorofluoromethane	3.26	101	14113	105.722	ug/l	96
8) Diethyl Ether	3.68	74	7173	87.727	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.07	101	8604	43.764	ug/l	95
10) Methyl Iodide	4.27	142	19716	63.061	ug/l	96
11) Tert butyl alcohol	5.17	59	5984	438.619	ug/l	100
12) 1,1-Dichloroethene	4.04	96	10411	57.187	ug/l	92
13) Acrolein	3.90	56	2553	234.043	ug/l	98
14) Allyl chloride	4.67	41	17706	74.166	ug/l	89
15) Acrylonitrile	5.37	53	16592	475.713	ug/l	99
16) Acetone	4.12	43	31831	840.494	ug/l	98
17) Carbon Disulfide	4.37	76	29689	52.699	ug/l	99
18) Methyl Acetate	4.68	43	24308	269.887	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	36877	141.098	ug/l	96
20) Methylene Chloride	4.92	84	13458	74.097	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	12221	61.037	ug/l	96
22) Diisopropyl ether	6.32	45	38498	86.121	ug/l	97
23) Vinyl Acetate	6.26	43	23366	87.978	ug/l	97
24) 1,1-Dichloroethane	6.22	63	22059	67.078	ug/l	99
25) 2-Butanone	7.18	43	20394	459.749	ug/l	97
26) 2,2-Dichloropropane	7.18	77	19111	79.416	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	14671	68.776	ug/l	97
28) Bromochloromethane	7.51	49	8613	76.816	ug/l	92
29) Tetrahydrofuran	7.53	42	13604	514.146	ug/l	98
30) Chloroform	7.68	83	23740	63.789	ug/l	99
31) Cyclohexane	7.96	56	12410	41.221	ug/l	# 82
32) 1,1,1-Trichloroethane	7.87	97	19559	57.705	ug/l	98
36) 1,1-Dichloropropene	8.09	75	15289	49.226	ug/l	99
37) Ethyl Acetate	7.26	43	5655	52.758	ug/l	99
38) Carbon Tetrachloride	8.07	117	15147	41.411	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	10663	27.629	ug/l	95
40) Benzene	8.33	78	50299	60.690	ug/l	97
41) Methacrylonitrile	7.49	41	5035	82.737	ug/l	98
42) 1,2-Dichloroethane	8.40	62	19166	69.006	ug/l	98
43) Isopropyl Acetate	8.43	43	13051	60.775	ug/l	96
44) Trichloroethene	9.10	130	12836	51.213	ug/l	90
45) 1,2-Dichloropropane	9.37	63	12244	66.580	ug/l	99
46) Dibromomethane	9.46	93	8143	71.932	ug/l	97
47) Bromodichloromethane	9.65	83	16964	57.002	ug/l	96
48) Methyl methacrylate	9.44	41	11120	103.740	ug/l	92
49) 1,4-Dioxane	9.45	88	2658	1480.943	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	43821	431.786	ug/l	100
52) Toluene	10.39	92	53718	96.604	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	19559	66.074	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	21163	64.724	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	11112	71.202	ug/l	95
56) Ethyl methacrylate	10.65	69	9543	51.755	ug/l #	93
57) 1,3-Dichloropropane	10.94	76	18707	72.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	31966	379.704	ug/l	97
59) 2-Hexanone	10.97	43	28974	405.950	ug/l	100
60) Dibromochloromethane	11.13	129	11544	55.866	ug/l	99
61) 1,2-Dibromoethane	11.24	107	11075	70.078	ug/l	98
64) Tetrachloroethene	10.87	164	7484	42.556	ug/l	90
65) Chlorobenzene	11.66	112	29505	54.889	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	11248	58.562	ug/l	97
67) Ethyl Benzene	11.73	91	51618	55.960	ug/l	95
68) m/p-Xylenes	11.84	106	46040	128.670	ug/l	99
69) o-Xylene	12.17	106	20641	61.540	ug/l	97
70) Styrene	12.18	104	29157	52.884	ug/l	98
71) Bromoform	12.35	173	5974	59.915	ug/l #	99
73) Isopropylbenzene	12.47	105	37937	60.171	ug/l	98
74) N-amyl acetate	12.27	43	6223	56.982	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	11517	121.833	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	15663	242.957	ug/l #	100
77) Bromobenzene	12.75	156	11133	77.049	ug/l	88
78) n-propylbenzene	12.81	91	38953	53.075	ug/l	98
79) 2-Chlorotoluene	12.90	91	26165	61.198	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	28854	53.056	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	3816	124.248	ug/l	91
82) 4-Chlorotoluene	12.99	91	28461	62.519	ug/l	99
83) tert-Butylbenzene	13.21	119	23281	48.789	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	30369	55.341	ug/l	96
85) sec-Butylbenzene	13.39	105	27356	41.597	ug/l	98
86) p-Isopropyltoluene	13.50	119	24087	40.279	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	15193	52.958	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	16516	57.553	ug/l	98
89) n-Butylbenzene	13.83	91	18369	33.502	ug/l	98
90) Hexachloroethane	14.10	117	3258	31.033	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	14756	57.448	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1657	85.354	ug/l	90

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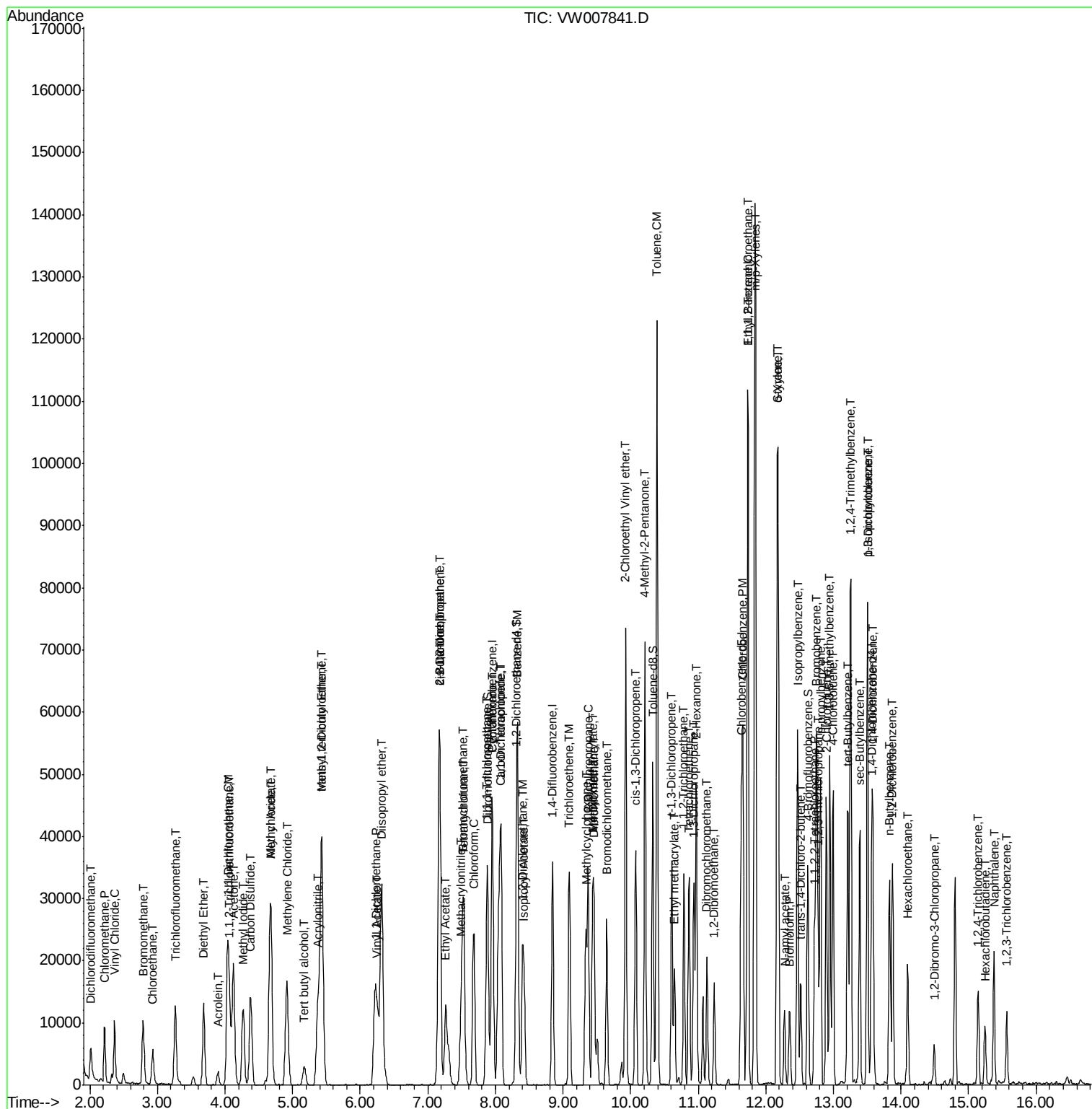
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	4906	27.516	ug/l	98
94) Hexachlorobutadiene	15.24	225	1923	20.181	ug/l	93
95) Naphthalene	15.38	128	18340	55.636	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	3614	23.679	ug/l	96

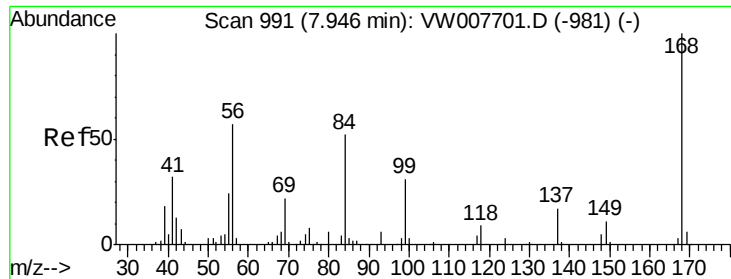
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

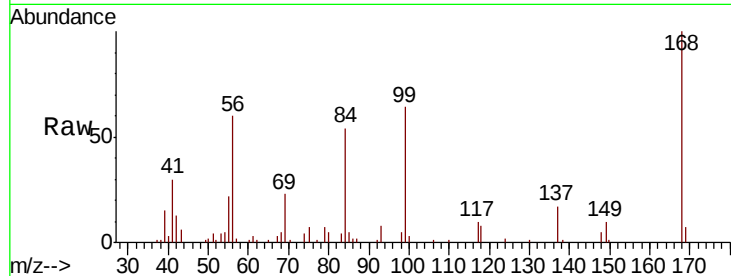
P001-SS006-1824-01MSD

Tgt Ion:168 Resp: 18452

Ion Ratio Lower Upper

168 100

99 64.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

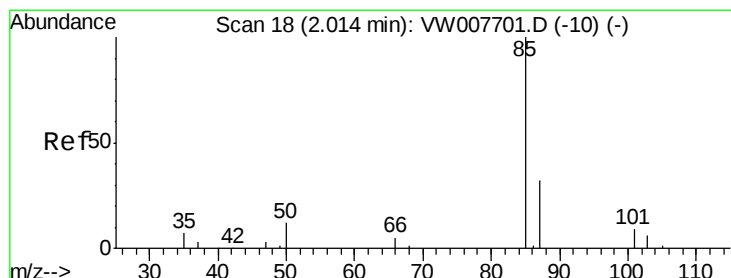
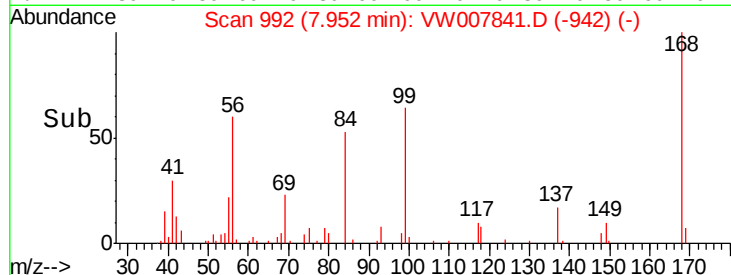
4000

2000

0

7.85 7.90 7.95 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.337 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007841.D

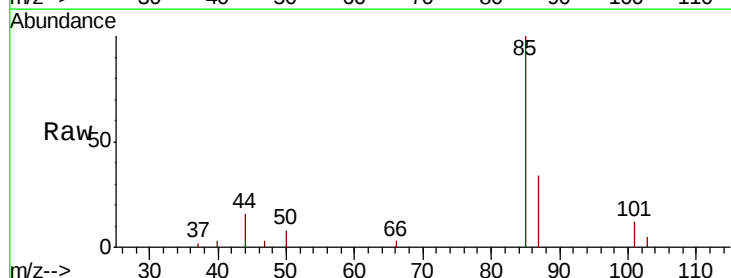
Acq: 22 Dec 2018 13:59

Tgt Ion: 85 Resp: 7929

Ion Ratio Lower Upper

85 100

87 34.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

3000

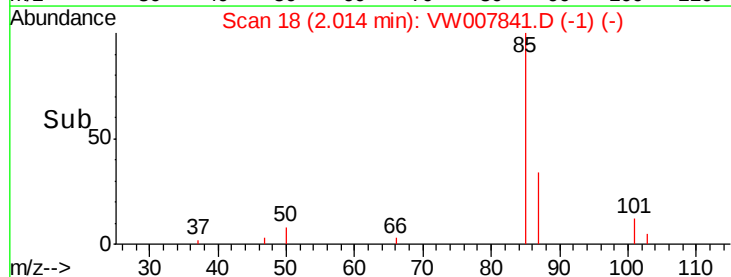
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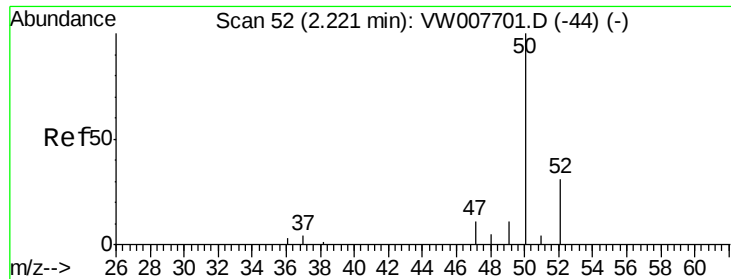
1000

0

2.00 2.10

Time-->





#3

Chloromethane

Concen: 81.547 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

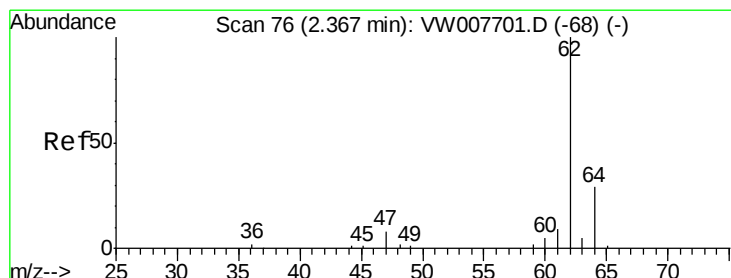
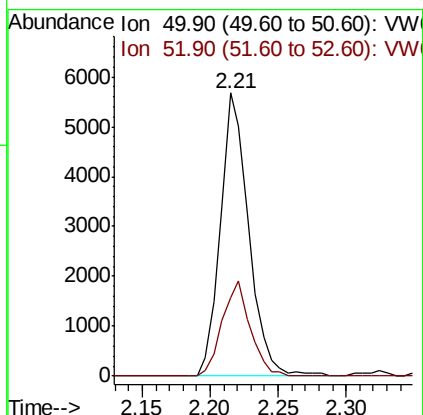
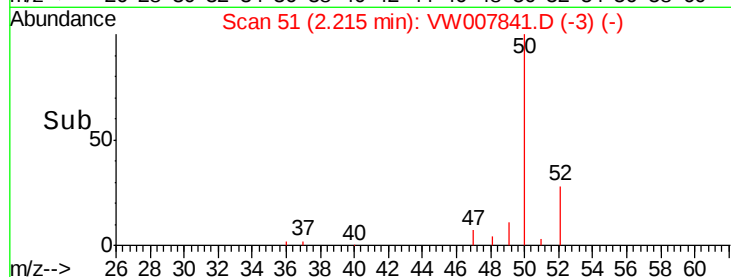
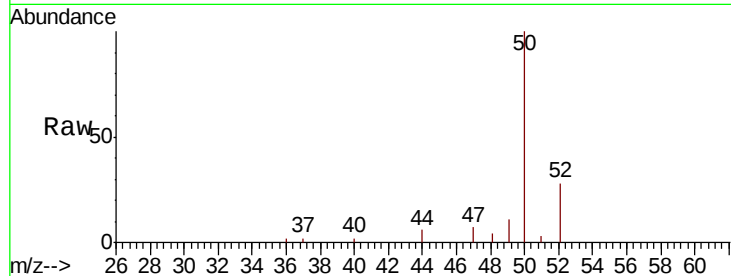
P001-SS006-1824-01MSD

Tgt Ion: 50 Resp: 8214

Ion Ratio Lower Upper

50 100

52 28.0 25.1 37.7



#4

Vinyl Chloride

Concen: 79.760 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007841.D

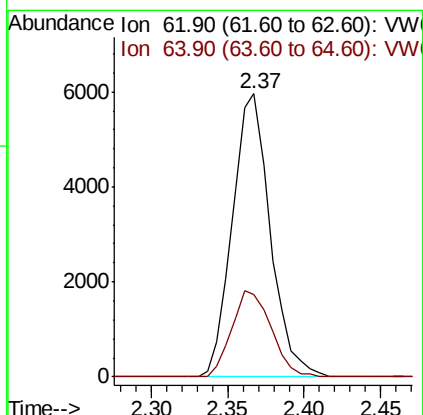
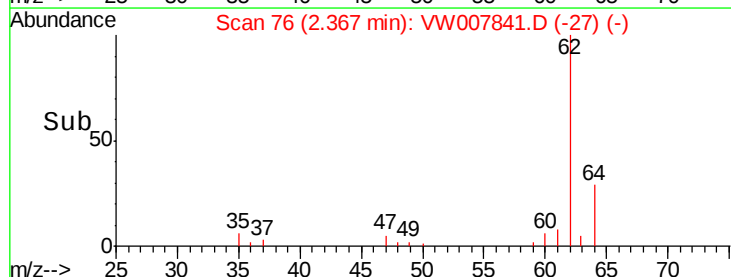
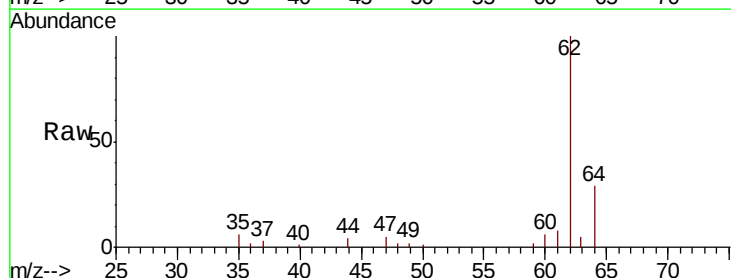
Acq: 22 Dec 2018 13:59

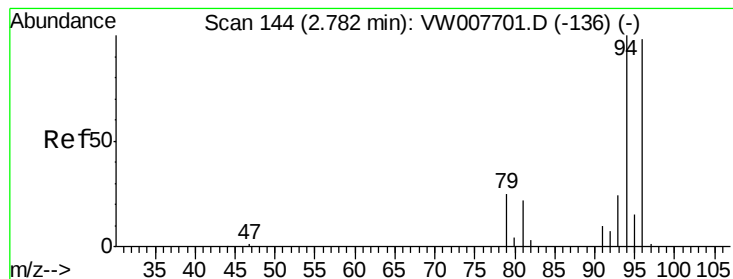
Tgt Ion: 62 Resp: 10227

Ion Ratio Lower Upper

62 100

64 29.3 23.4 35.0





#5

Bromomethane

Concen: 85.312 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

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ClientSampleId :

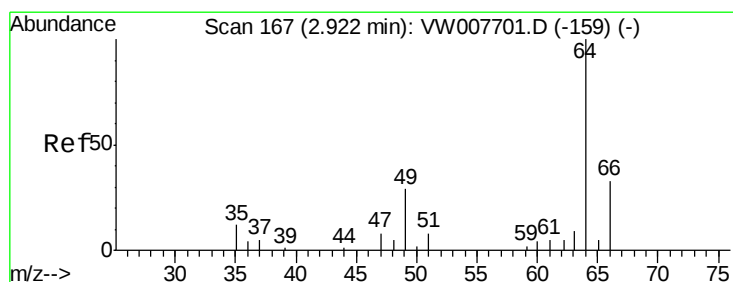
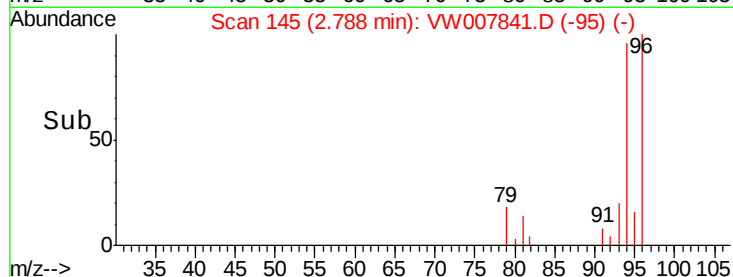
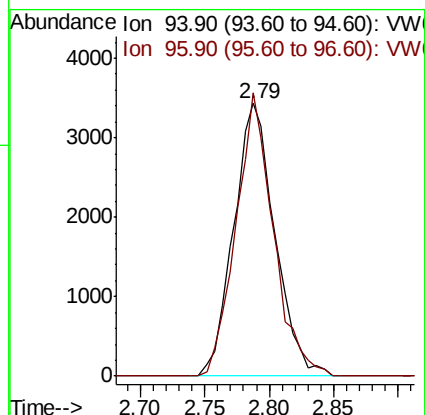
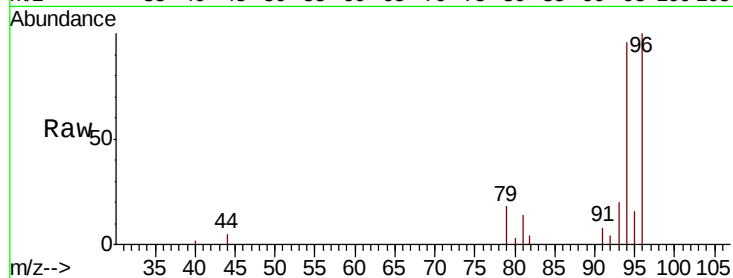
P001-SS006-1824-01MSD

Tgt Ion: 94 Resp: 7619

Ion Ratio Lower Upper

94 100

96 103.8 78.2 117.2



#6

Chloroethane

Concen: 90.397 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007841.D

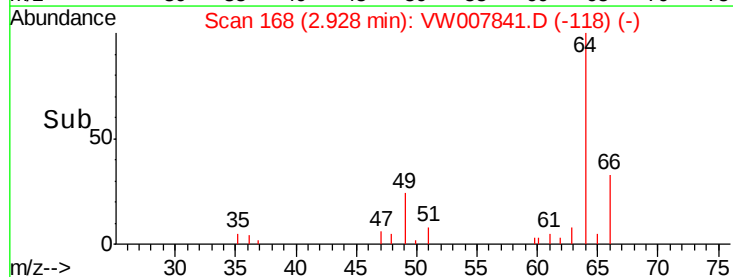
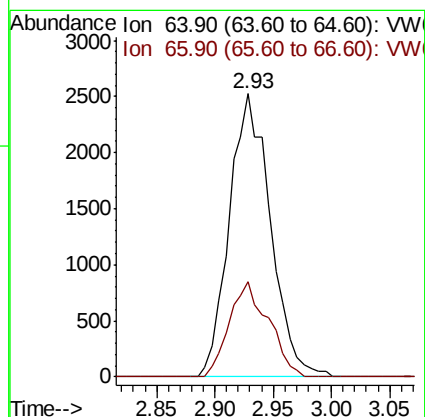
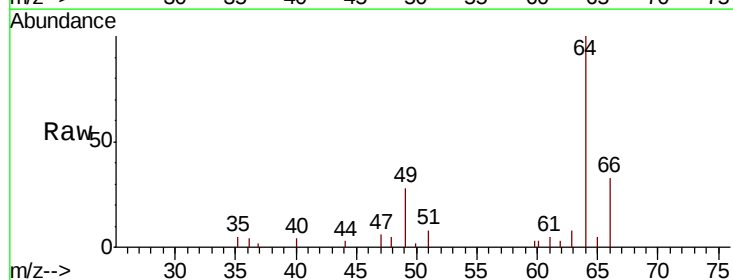
Acq: 22 Dec 2018 13:59

Tgt Ion: 64 Resp: 6201

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.4



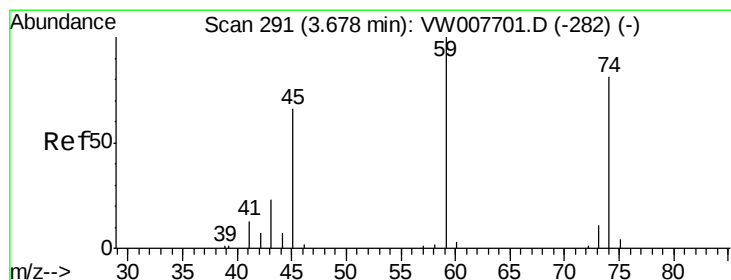
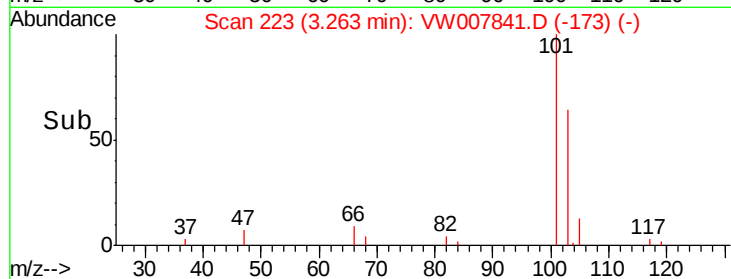
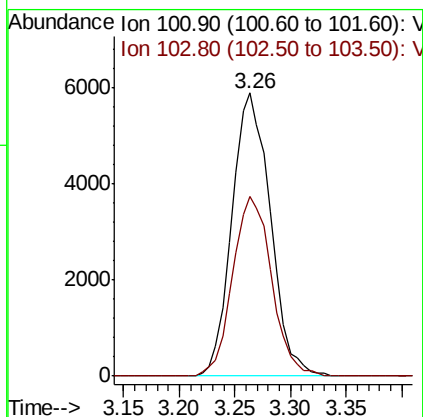
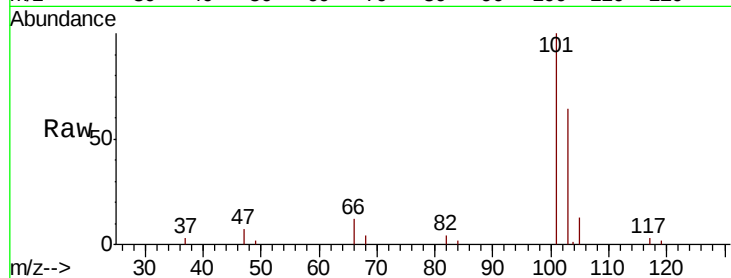


#7

Trichlorofluoromethane
 Concen: 105.722 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW007841.D
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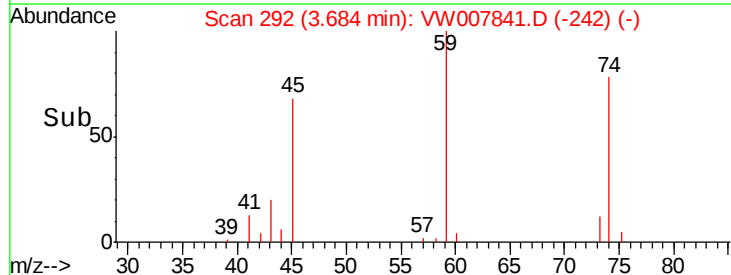
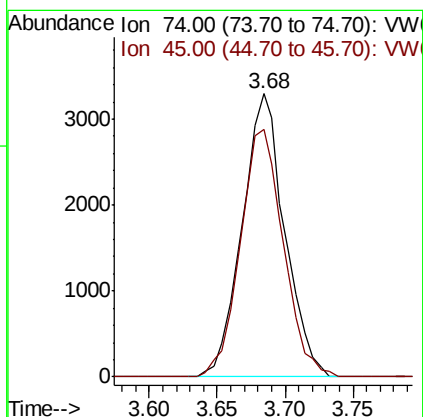
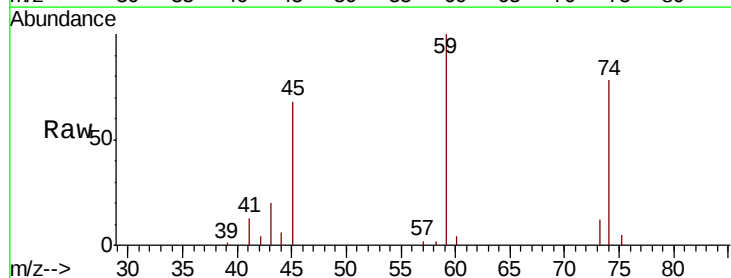
Tgt Ion: 101 Resp: 14113
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.4 80.2

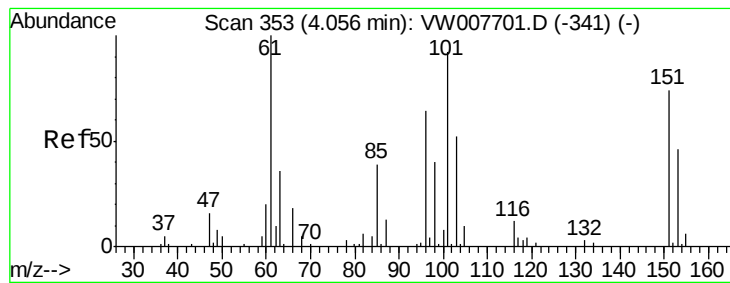


#8

Diethyl Ether
 Concen: 87.727 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 74 Resp: 7173
 Ion Ratio Lower Upper
 74 100
 45 89.0 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.764 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

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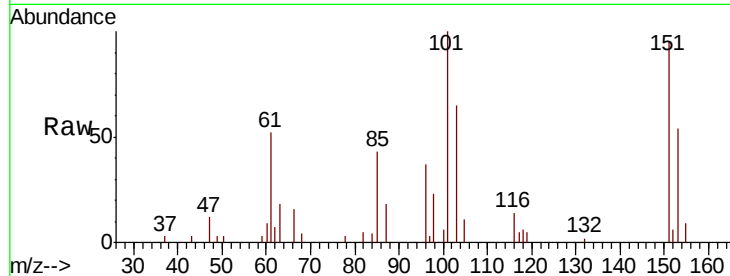
Tgt Ion:101 Resp: 8604

Ion Ratio Lower Upper

101 100

85 44.0 34.3 51.5

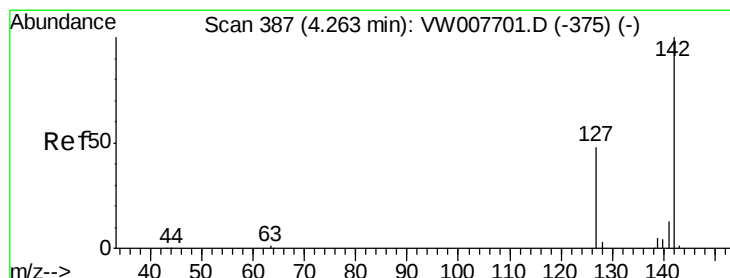
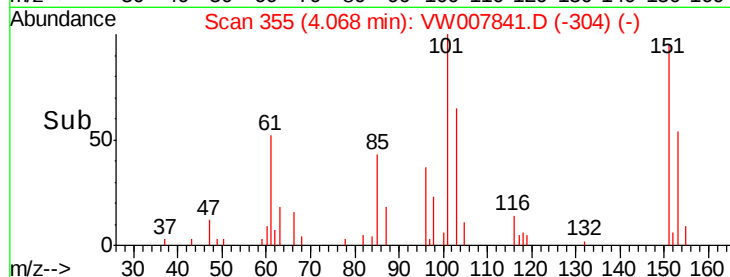
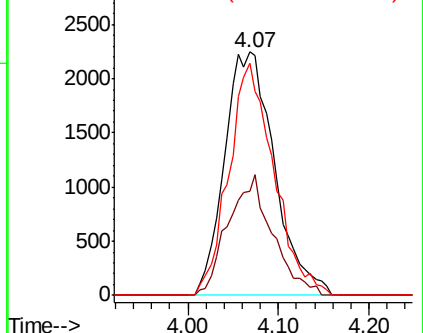
151 86.1 64.6 96.8



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: 63.061 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

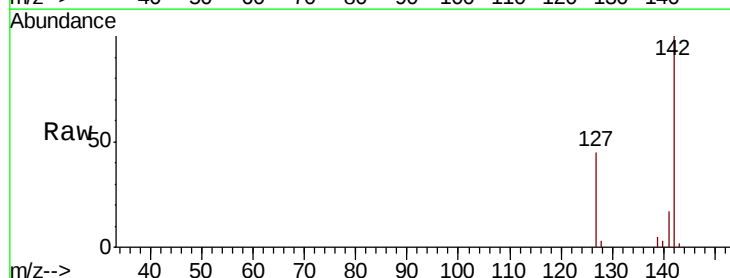
Tgt Ion:142 Resp: 19716

Ion Ratio Lower Upper

142 100

127 43.9 37.7 56.5

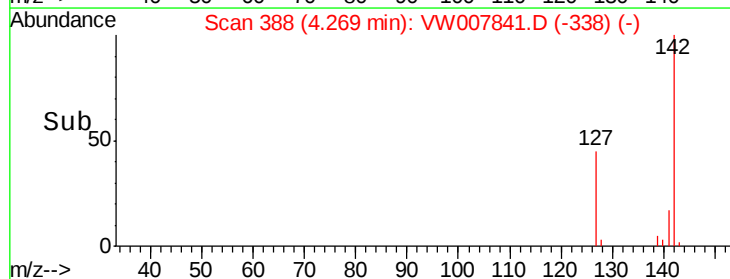
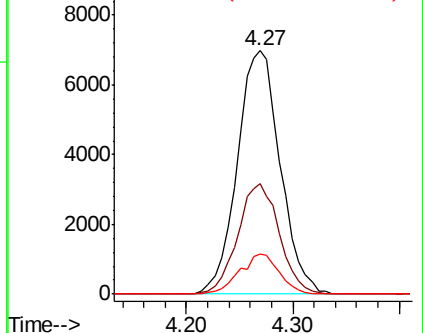
141 15.2 11.5 17.3

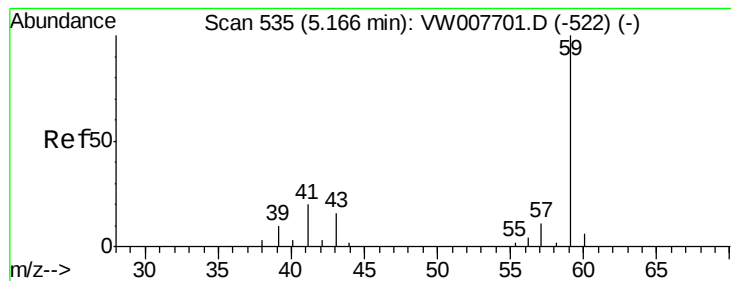


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



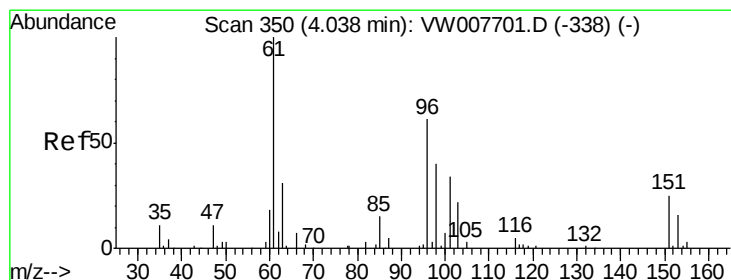
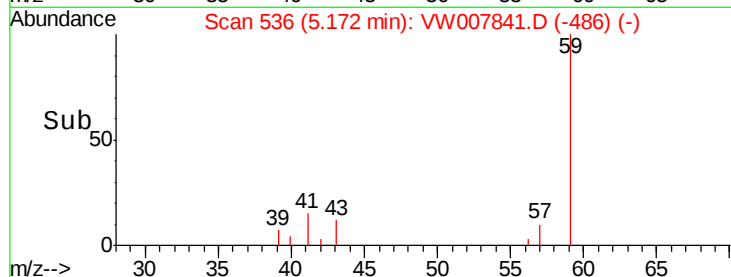
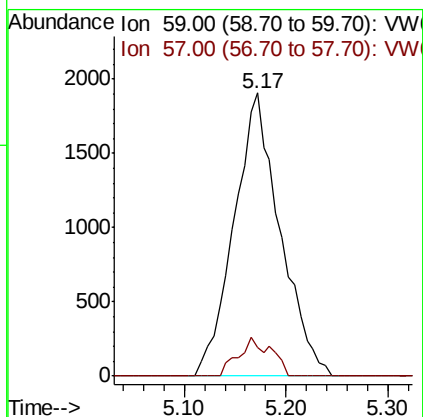
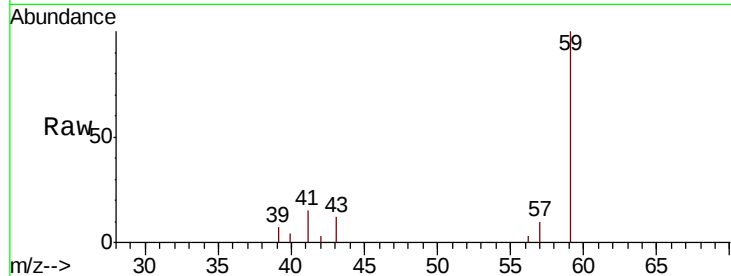


#11

Tert butyl alcohol
 Concen: 438.619 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

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

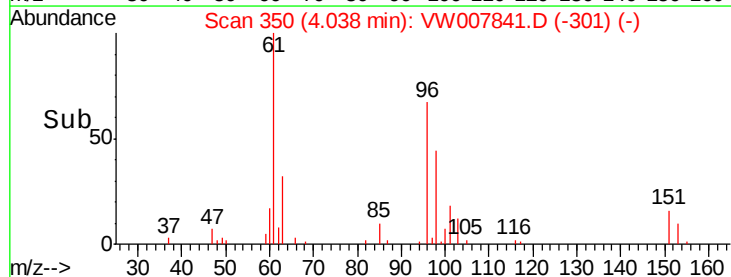
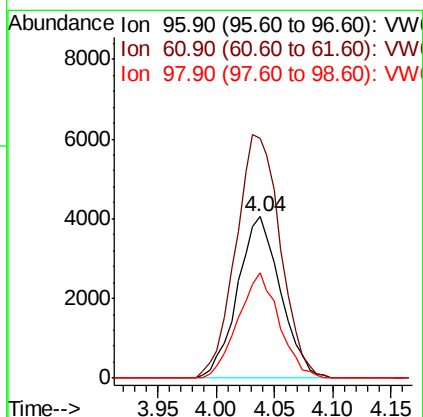
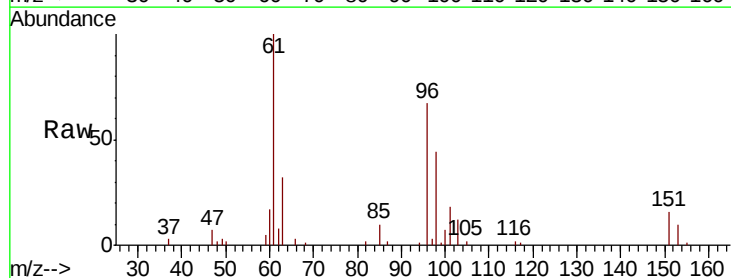
Tgt Ion: 59 Resp: 5984
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.8

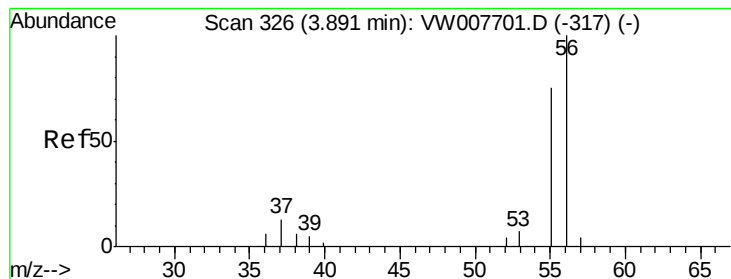


#12

1,1-Dichloroethene
 Concen: 57.187 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 96 Resp: 10411
 Ion Ratio Lower Upper
 96 100
 61 148.5 130.6 195.8
 98 65.3 52.3 78.5





#13

Acrolein

Concen: 234.043 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

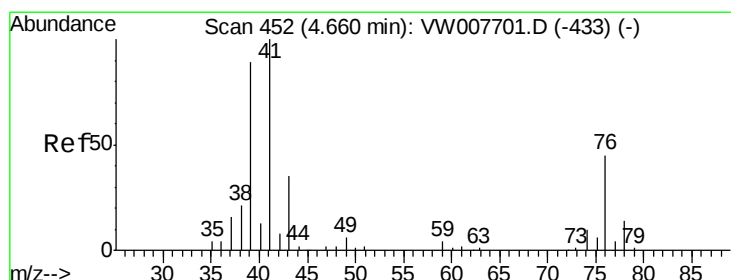
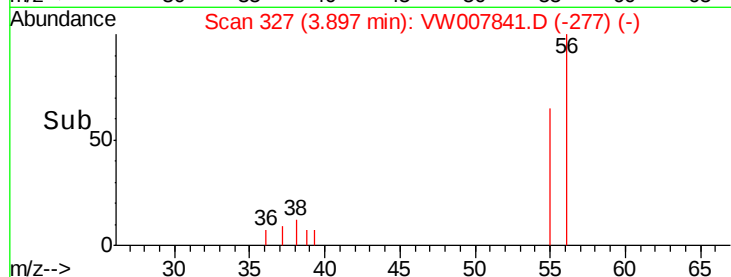
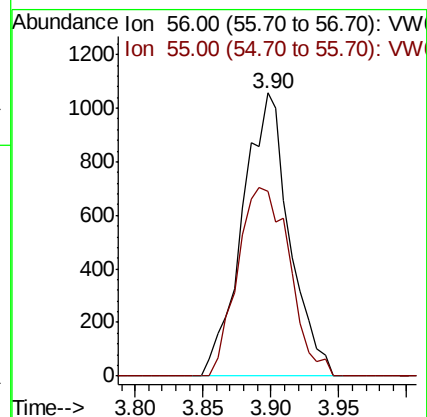
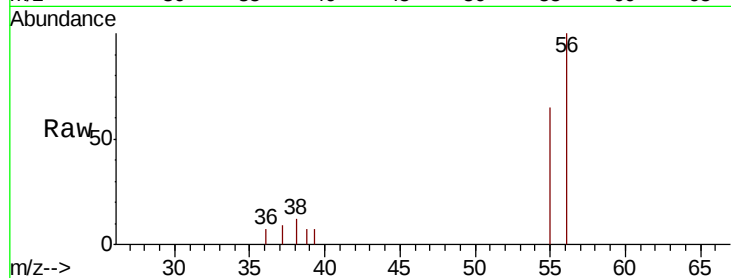
P001-SS006-1824-01MSD

Tgt Ion: 56 Resp: 2553

Ion Ratio Lower Upper

56 100

55 73.6 57.7 86.5



#14

Allyl chloride

Concen: 74.166 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

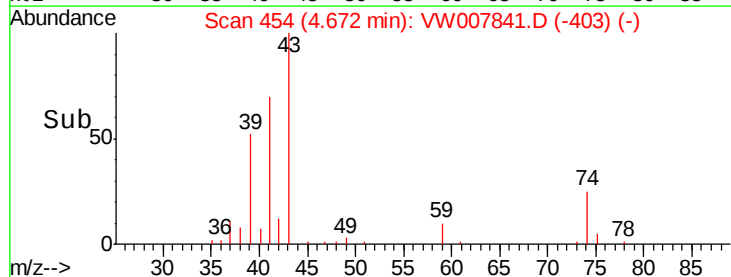
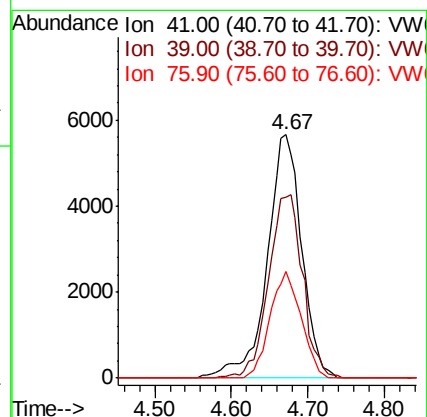
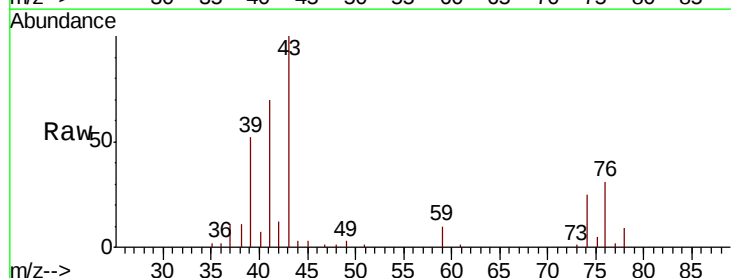
Tgt Ion: 41 Resp: 17706

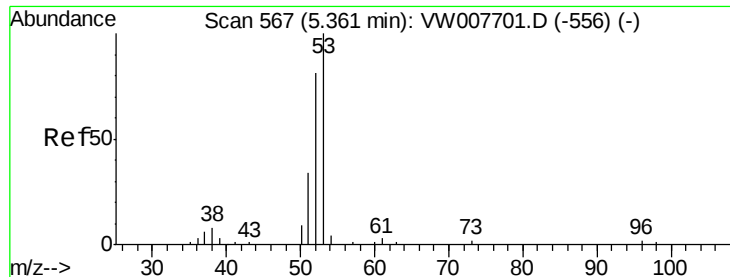
Ion Ratio Lower Upper

41 100

39 74.5 69.5 104.3

76 39.4 34.8 52.2





#15

Acrylonitrile

Concen: 475.713 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

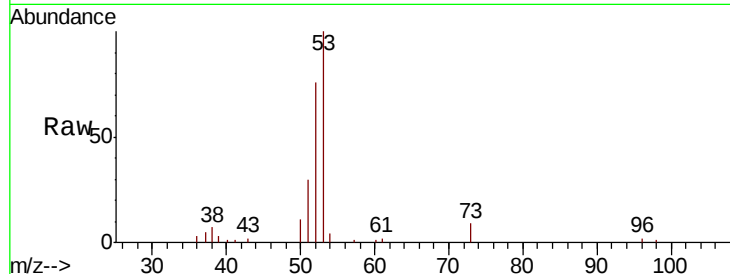
Tgt Ion: 53 Resp: 16592

Ion Ratio Lower Upper

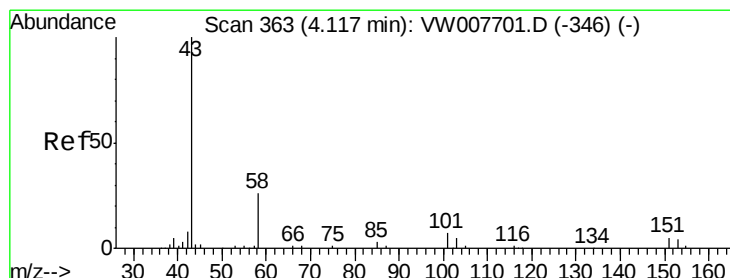
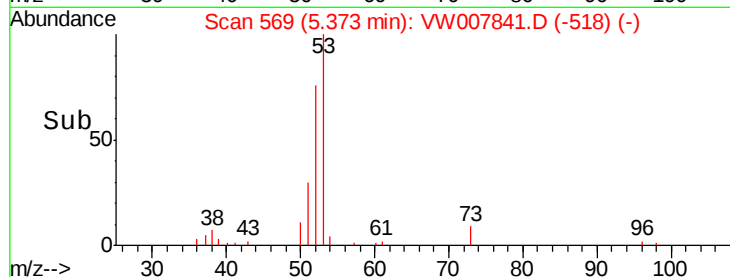
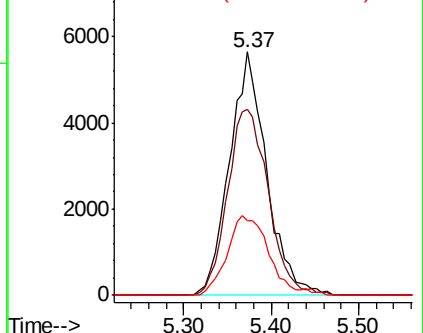
53 100

52 84.3 67.0 100.4

51 36.9 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: 840.494 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007841.D

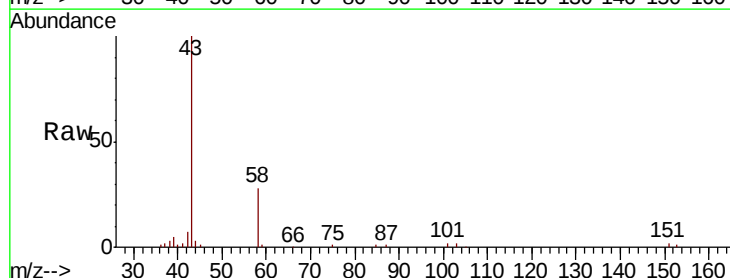
Acq: 22 Dec 2018 13:59

Tgt Ion: 43 Resp: 31831

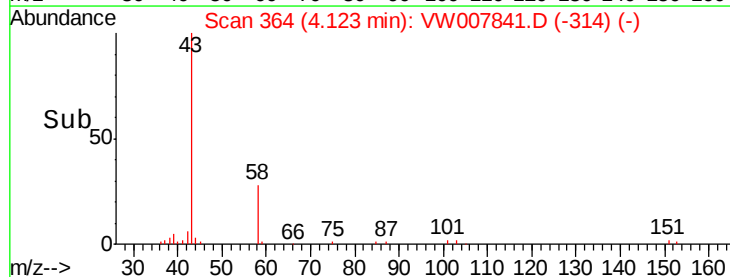
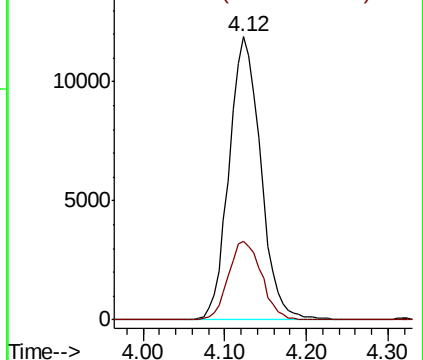
Ion Ratio Lower Upper

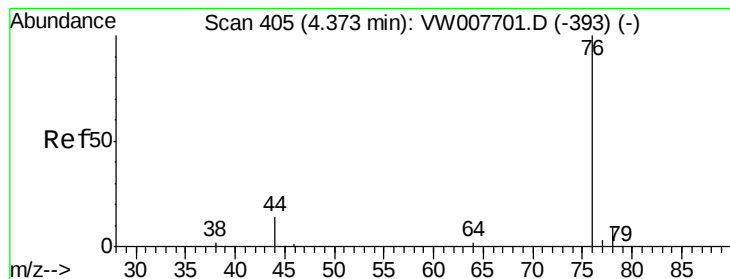
43 100

58 27.7 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: 52.699 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

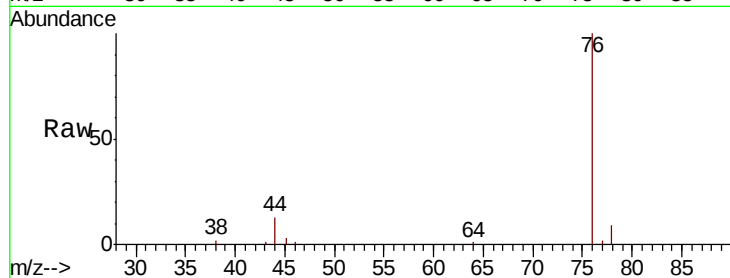
P001-SS006-1824-01MSD

Tgt Ion: 76 Resp: 29689

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

12000

10000

8000

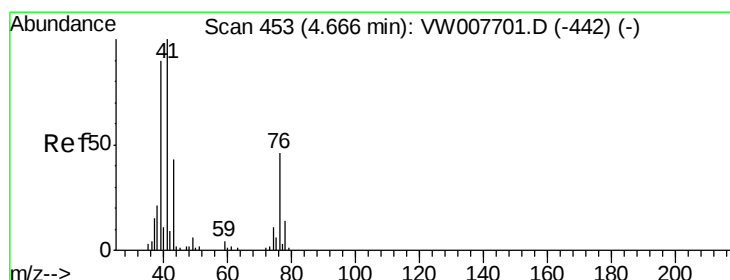
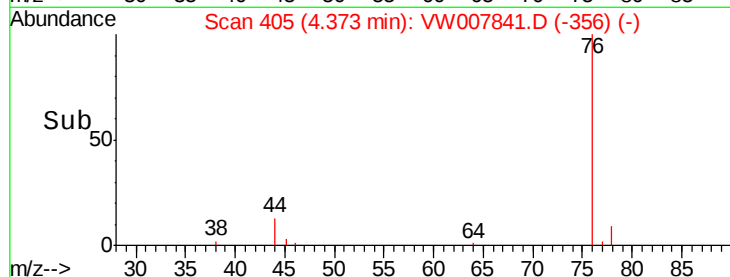
6000

4000

2000

0

Time-->



#18

Methyl Acetate

Concen: 269.887 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007841.D

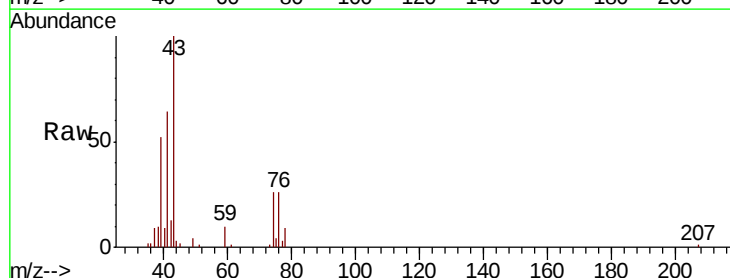
Acq: 22 Dec 2018 13:59

Tgt Ion: 43 Resp: 24308

Ion Ratio Lower Upper

43 100

74 26.3 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

8000

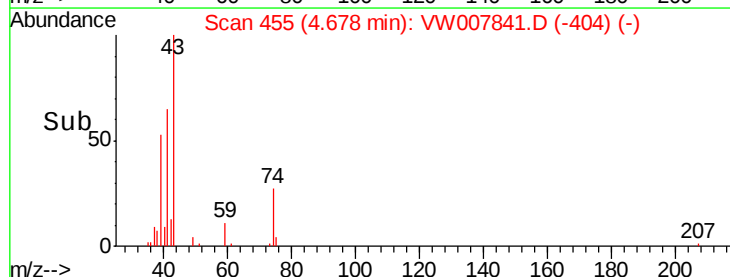
6000

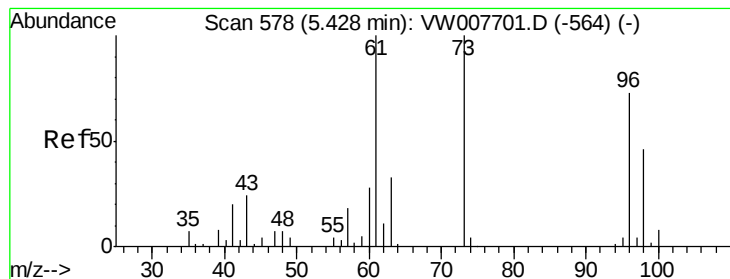
4000

2000

0

Time-->



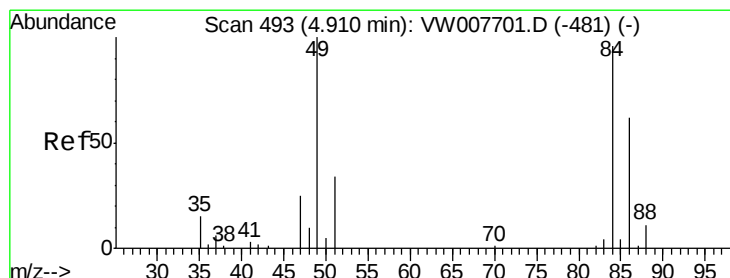
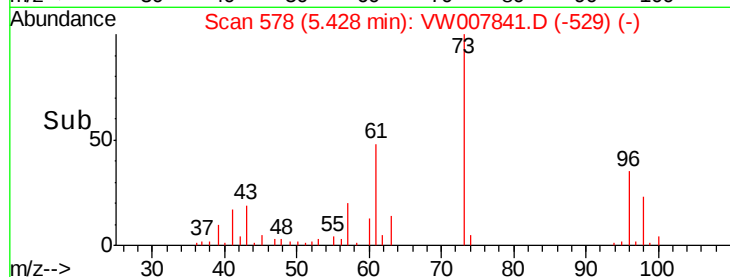
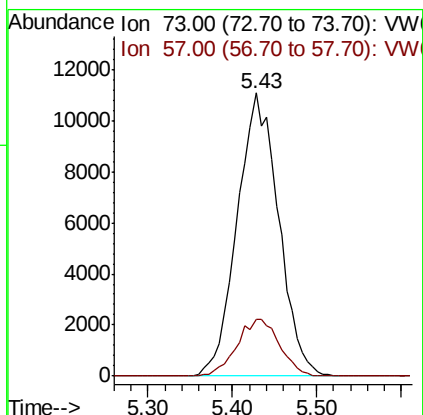
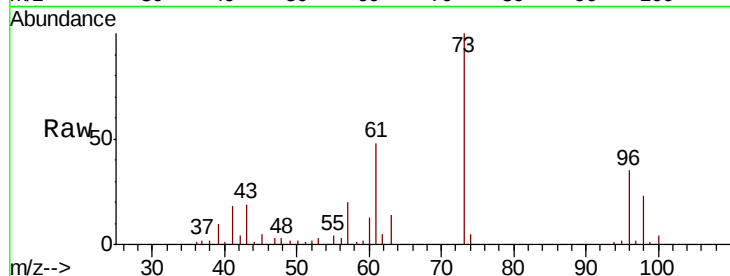


#19

Methyl tert-butyl Ether
 Concen: 141.098 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

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

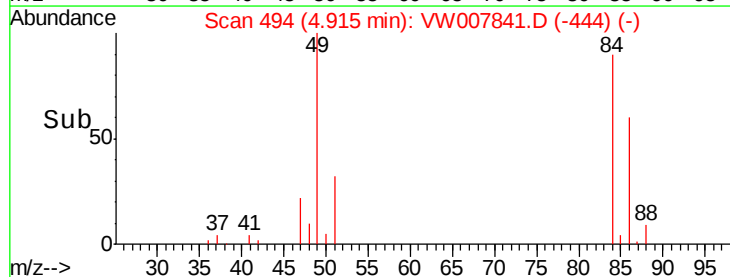
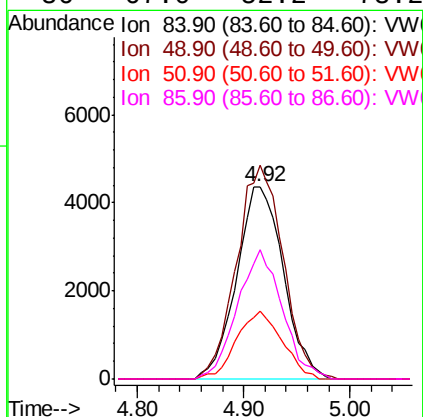
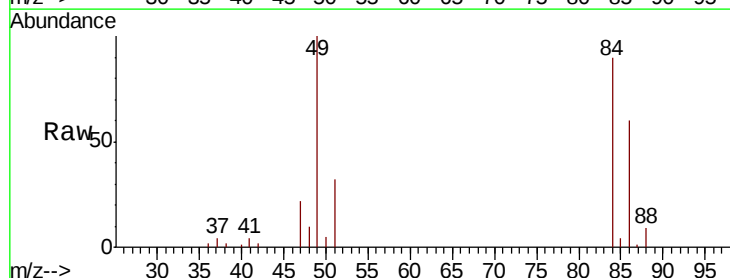
Tgt Ion: 73 Resp: 36877
 Ion Ratio Lower Upper
 73 100
 57 20.2 14.7 22.1

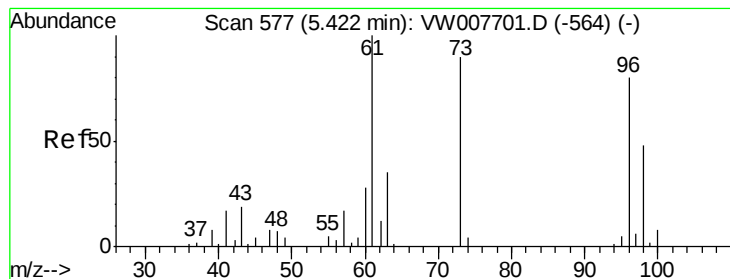


#20

Methylene Chloride
 Concen: 74.097 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 84 Resp: 13458
 Ion Ratio Lower Upper
 84 100
 49 111.0 83.7 125.5
 51 35.3 28.2 42.2
 86 67.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 61.037 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

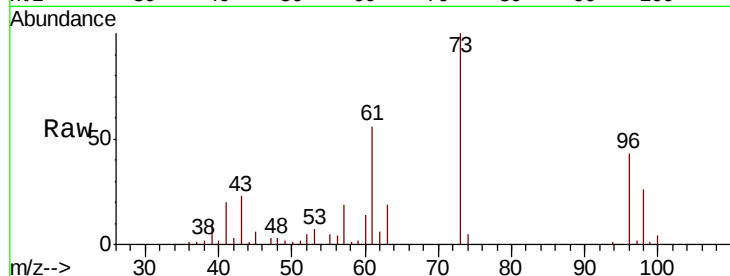
Tgt Ion: 96 Resp: 12221

Ion Ratio Lower Upper

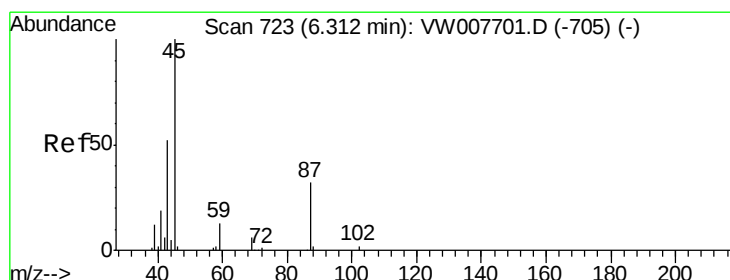
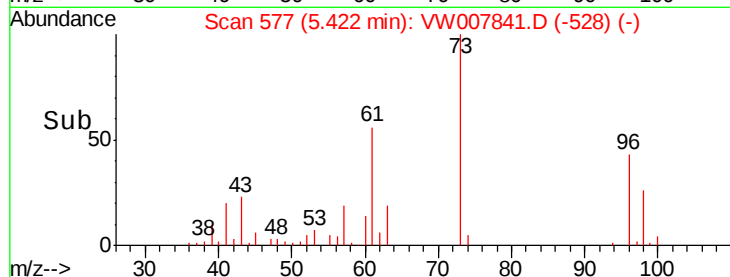
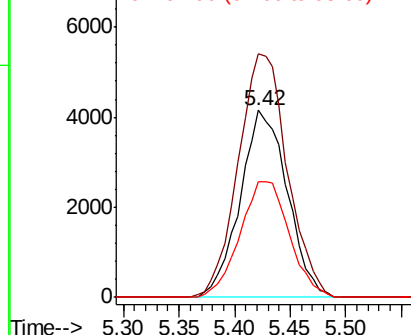
96 100

61 130.4 100.1 150.1

98 61.9 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: 86.121 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Tgt Ion: 45 Resp: 38498

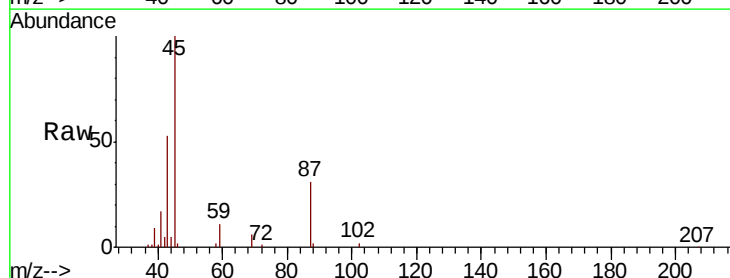
Ion Ratio Lower Upper

45 100

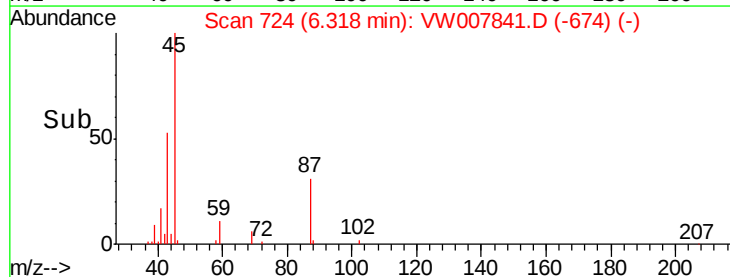
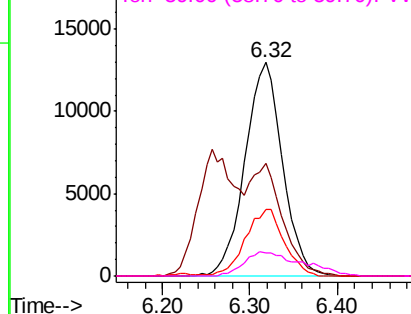
43 52.5 43.7 65.5

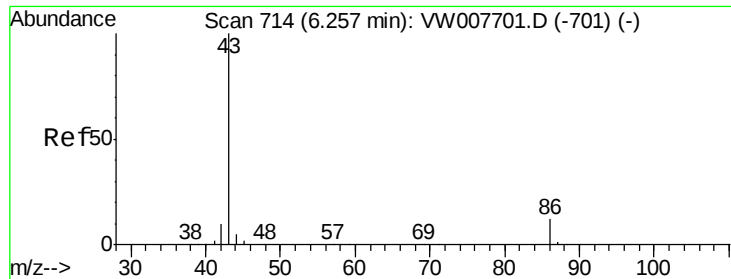
87 31.2 26.6 40.0

59 11.0 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

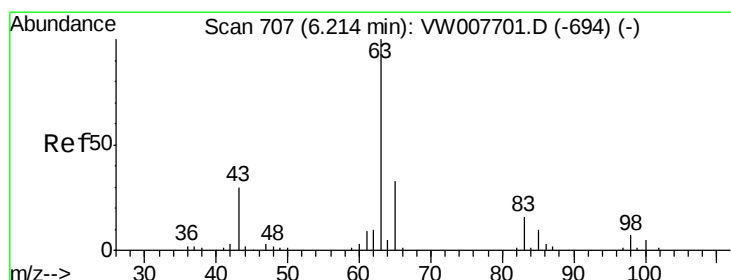
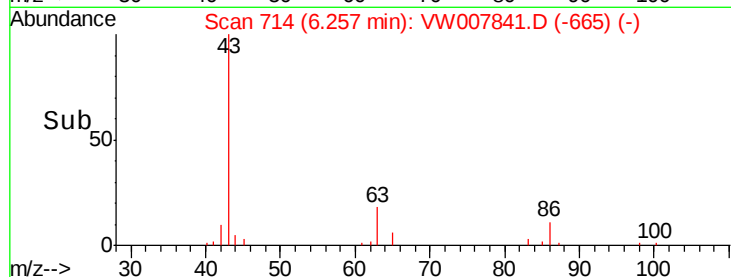
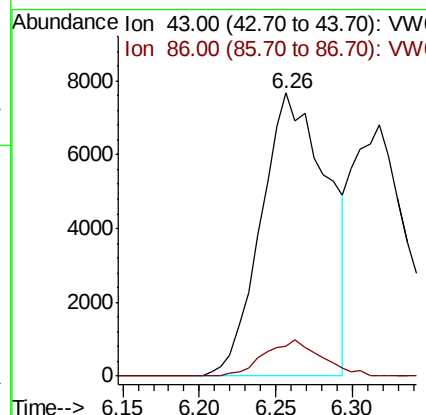
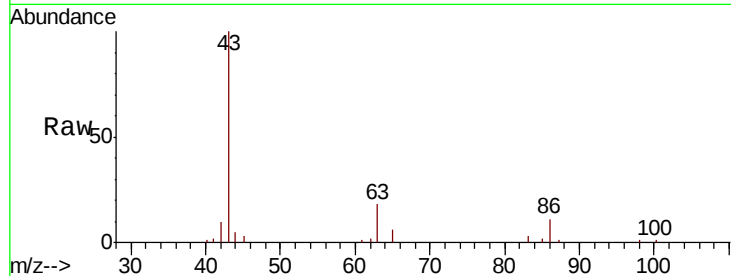




#23
 Vinyl Acetate
 Concen: 87.978 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

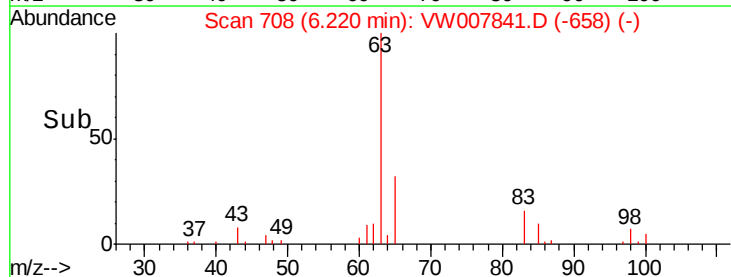
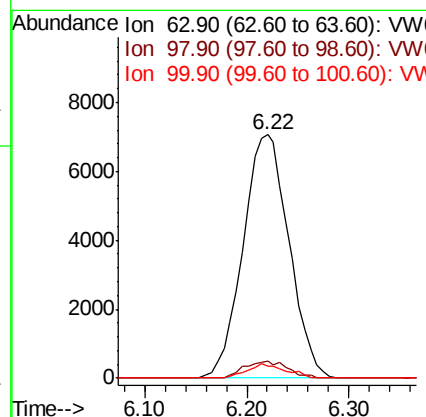
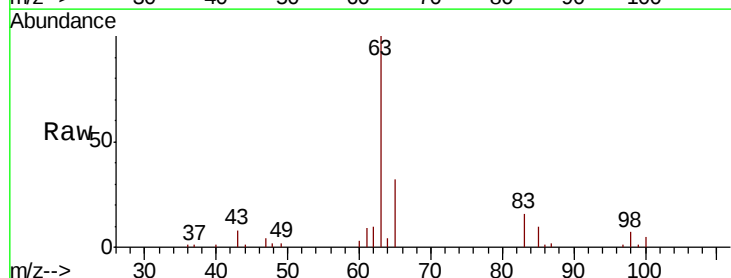
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

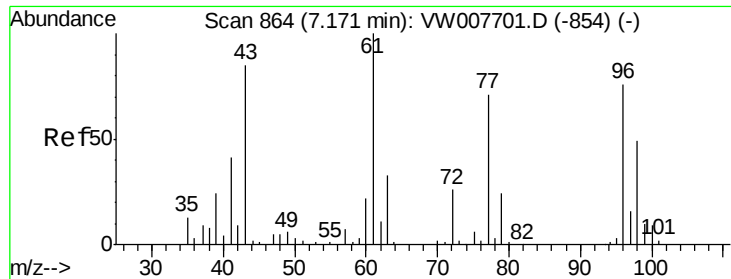
Tgt Ion: 43 Resp: 23366
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 67.078 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 63 Resp: 22059
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.9 2.5 7.5

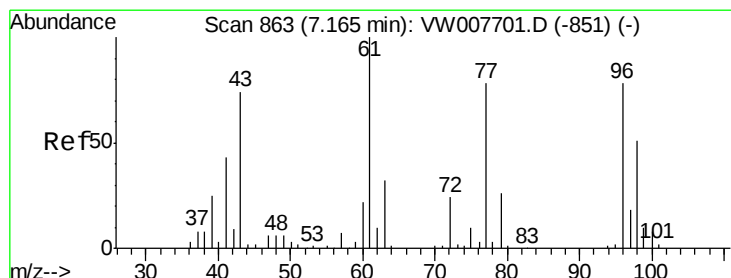
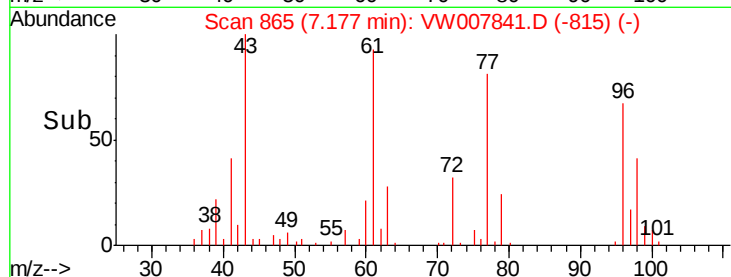
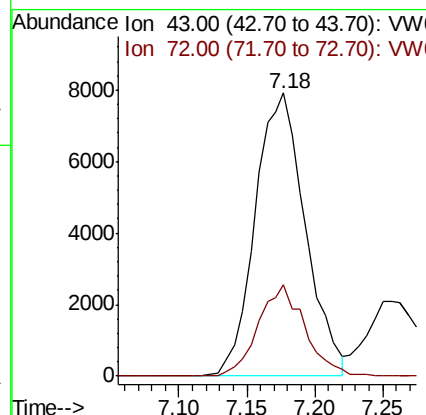
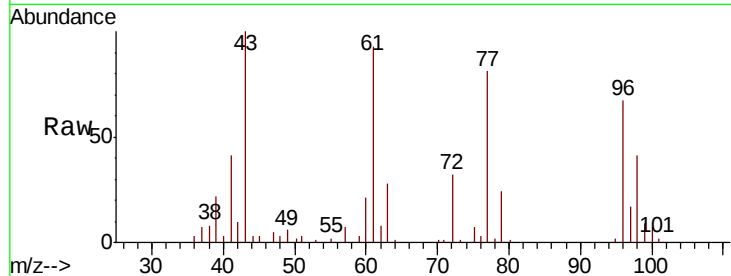




#25
2-Butanone
Concen: 459.749 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

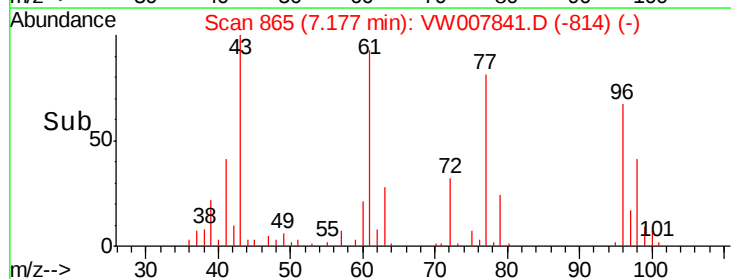
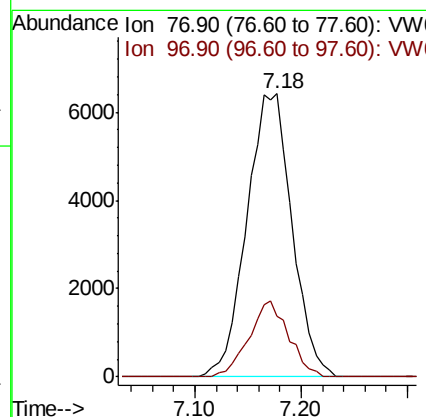
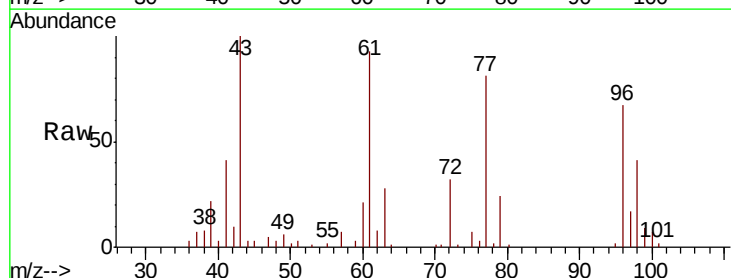
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

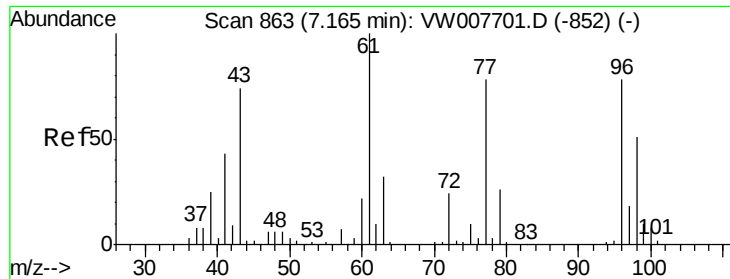
Tgt Ion: 43 Resp: 20394
Ion Ratio Lower Upper
43 100
72 32.3 24.5 36.7



#26
2,2-Dichloropropane
Concen: 79.416 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion: 77 Resp: 19111
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.9



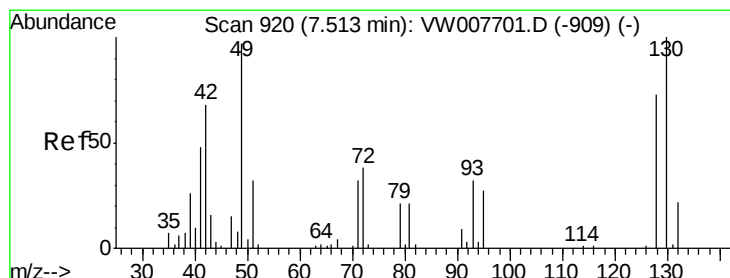
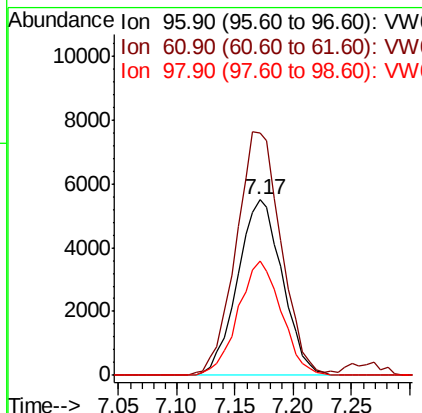
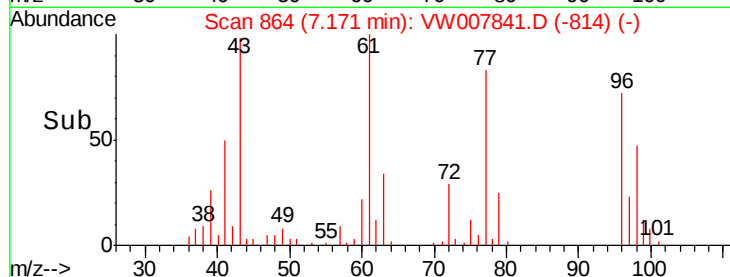
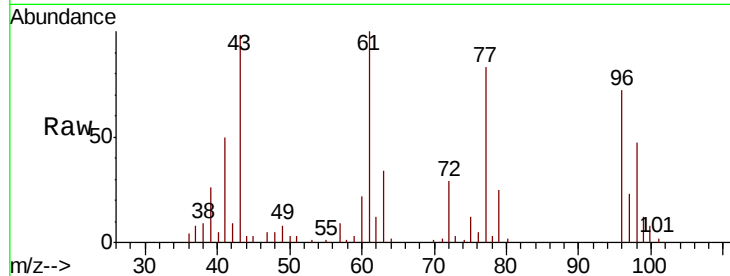


#27

cis-1,2-Dichloroethene
 Concen: 68.776 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

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

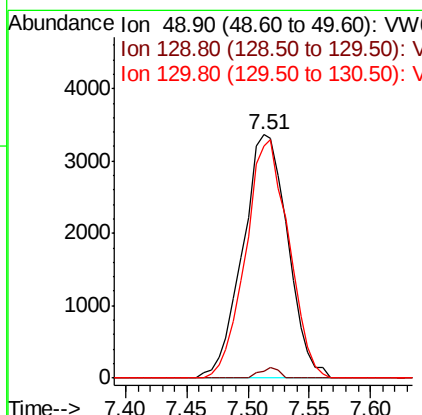
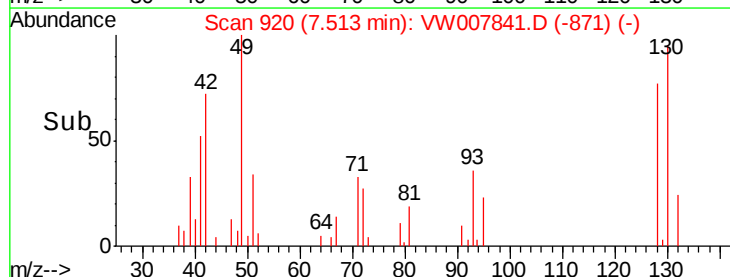
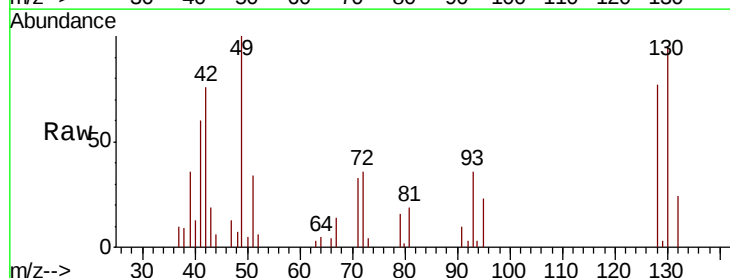
Tgt Ion: 96 Resp: 14671
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 271.6
 98 62.8 0.0 131.2

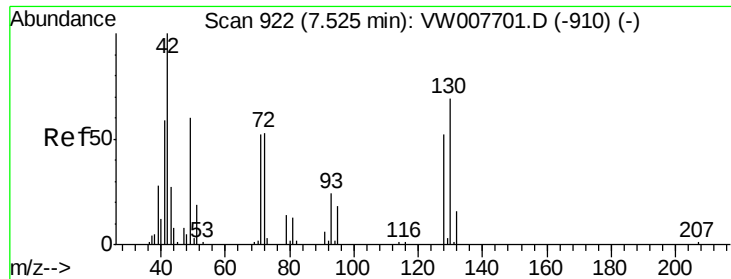


#28

Bromochloromethane
 Concen: 76.816 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 49 Resp: 8613
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.2
 130 93.5 81.5 122.3

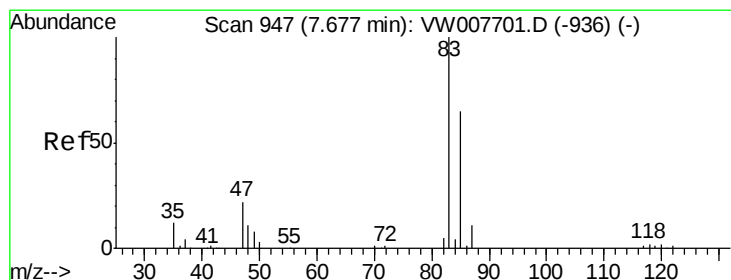
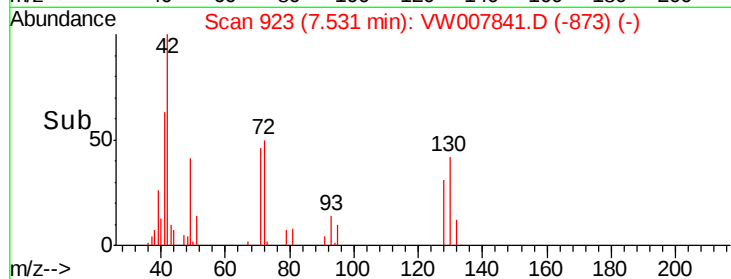
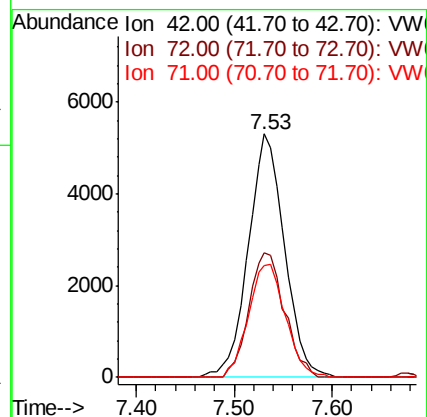
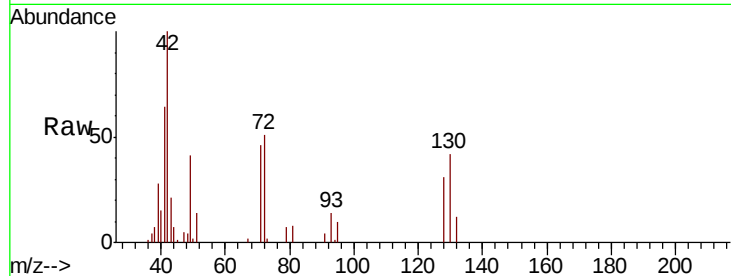




#29
Tetrahydrofuran
Concen: 514.146 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

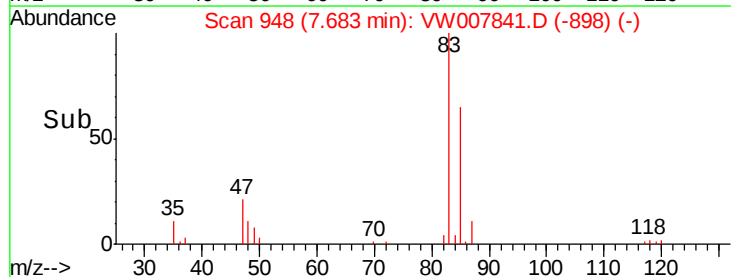
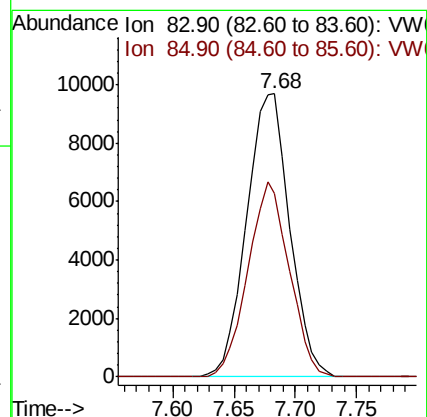
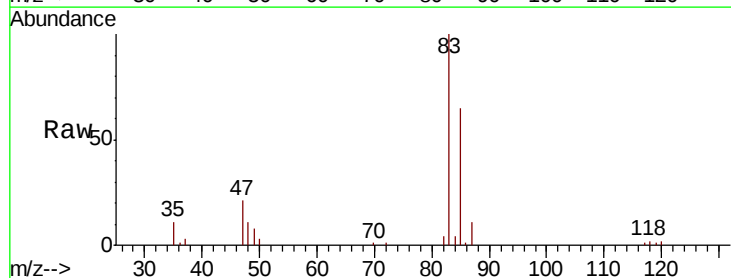
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

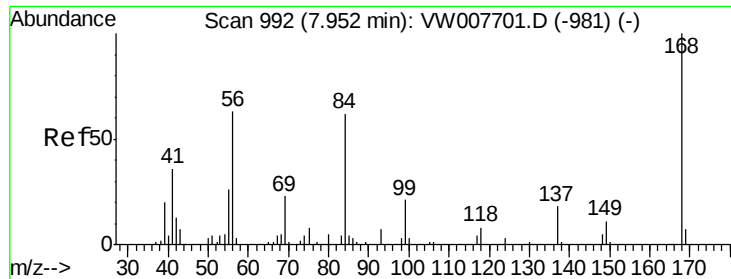
Tgt Ion: 42 Resp: 13604
Ion Ratio Lower Upper
42 100
72 50.3 41.7 62.5
71 47.4 39.0 58.6



#30
Chloroform
Concen: 63.789 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion: 83 Resp: 23740
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.2

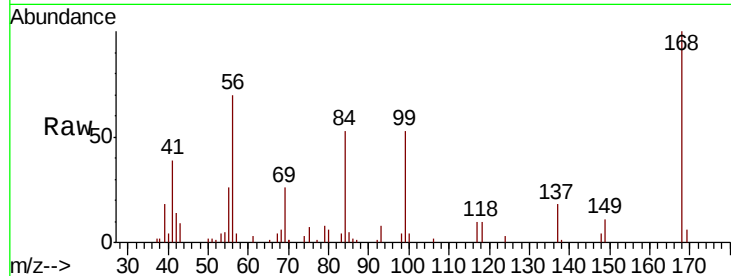




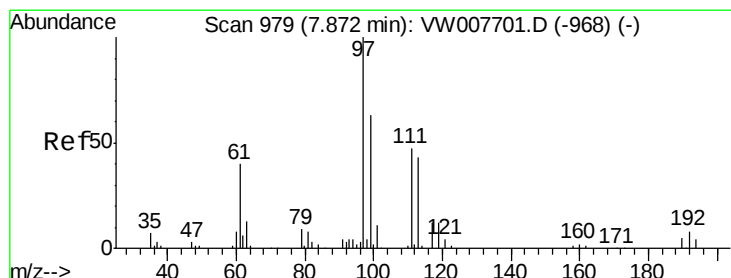
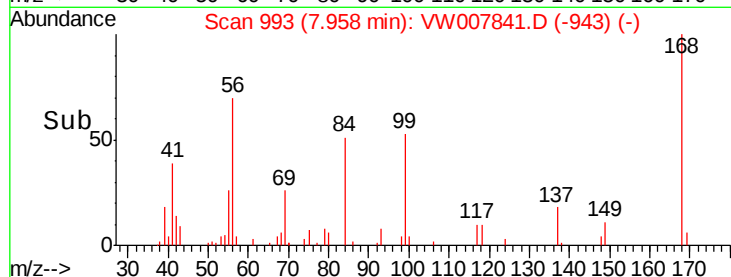
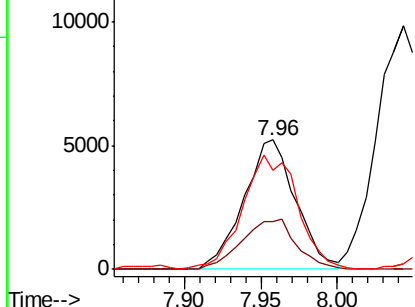
#31
Cyclohexane
Concen: 41.221 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

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

Tgt Ion: 56 Resp: 12410
Ion Ratio Lower Upper
56 100
69 36.5 29.7 44.5
84 74.8 78.9 118.3#

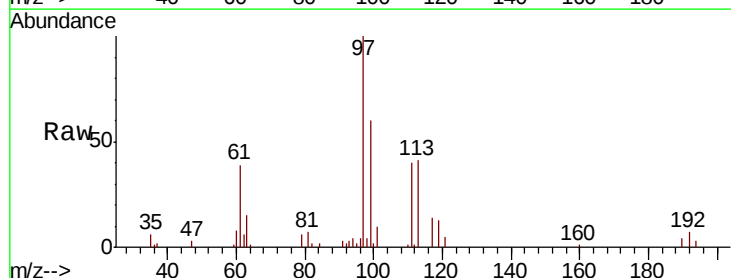


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

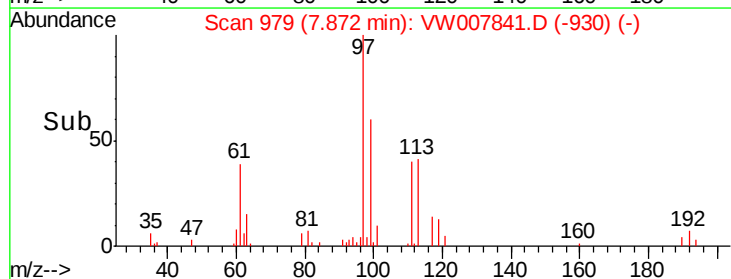
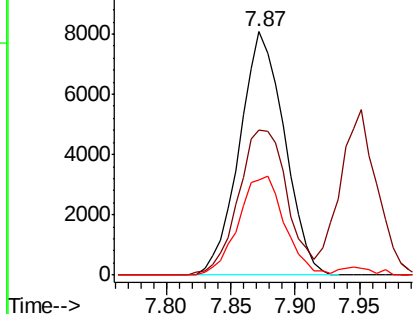


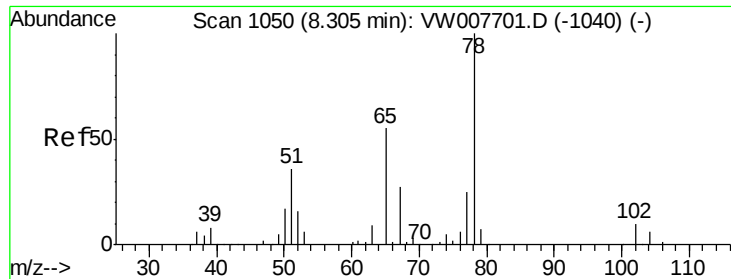
#32
1,1,1-Trichloroethane
Concen: 57.705 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion: 97 Resp: 19559
Ion Ratio Lower Upper
97 100
99 64.9 50.6 76.0
61 41.7 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

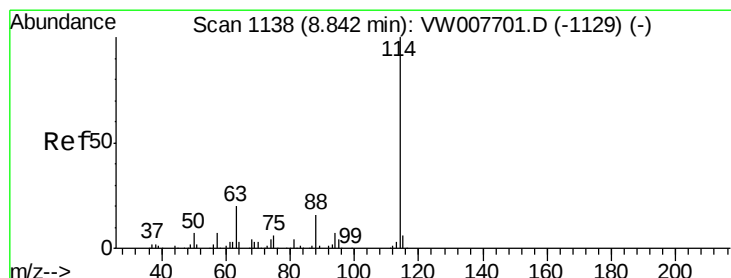
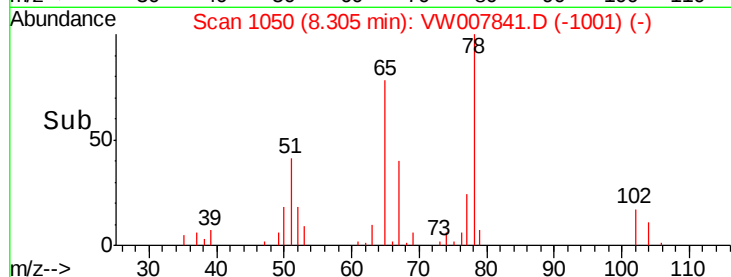
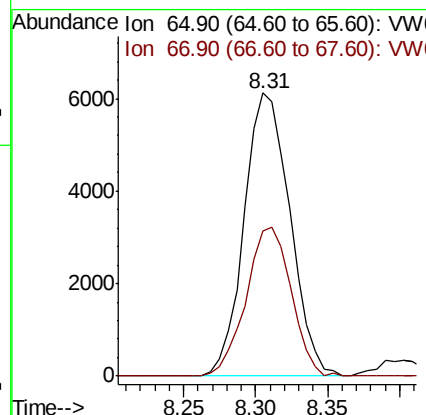
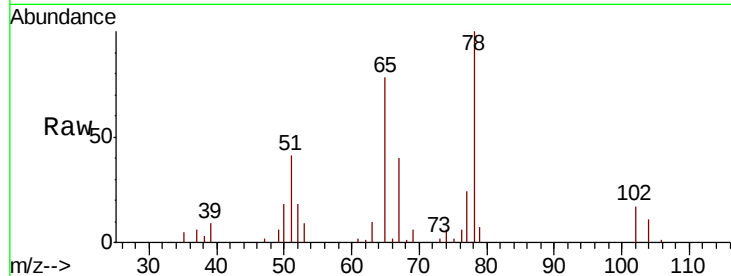




#33
 1,2-Dichloroethane-d4
 Concen: 66.732 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

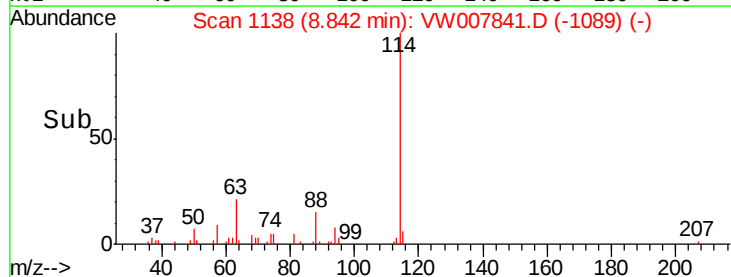
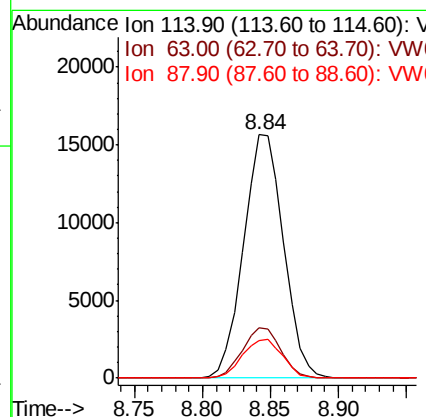
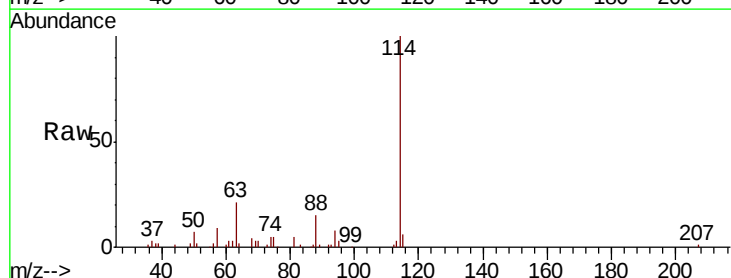
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

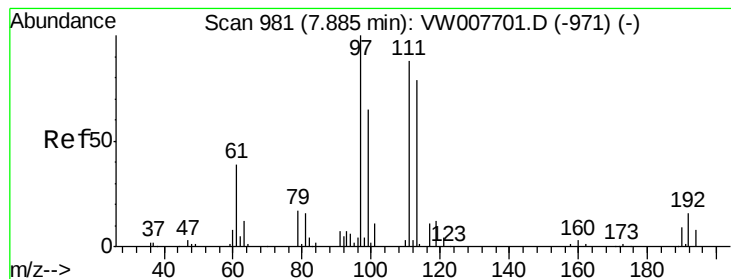
Tgt Ion: 65 Resp: 13496
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 114 Resp: 32179
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.0
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.298 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

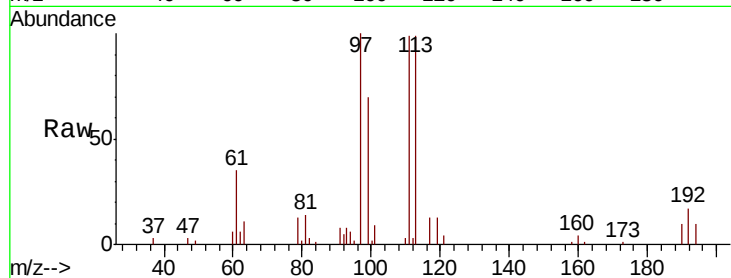
Tgt Ion: 113 Resp: 11248

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

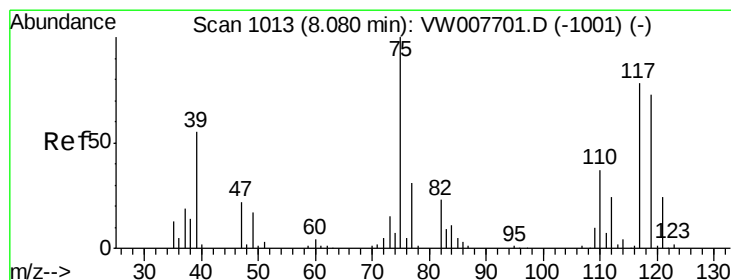
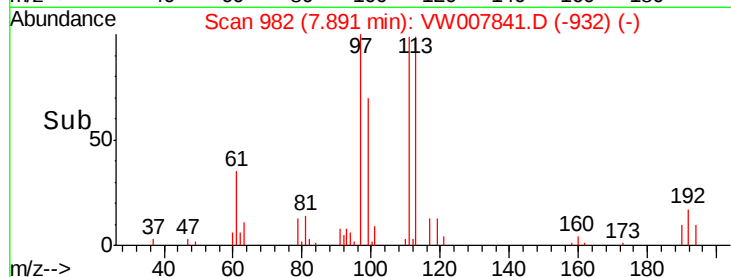
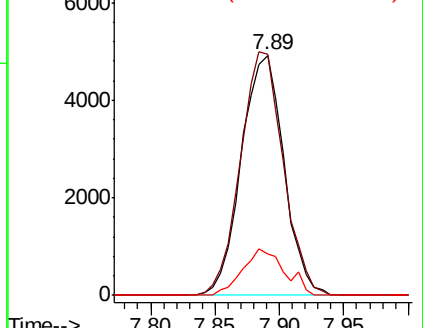
192 19.1 15.5 23.3



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: 49.226 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

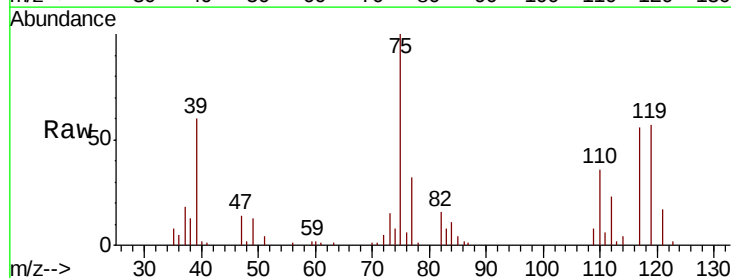
Tgt Ion: 75 Resp: 15289

Ion Ratio Lower Upper

75 100

110 37.5 18.6 55.8

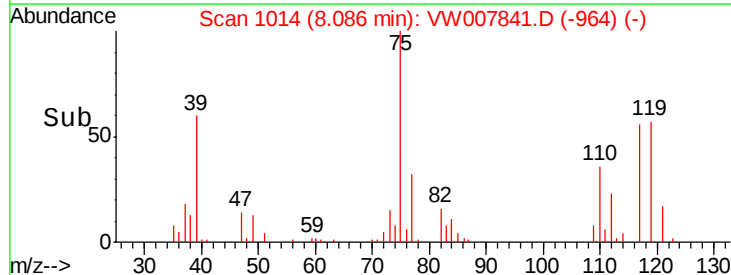
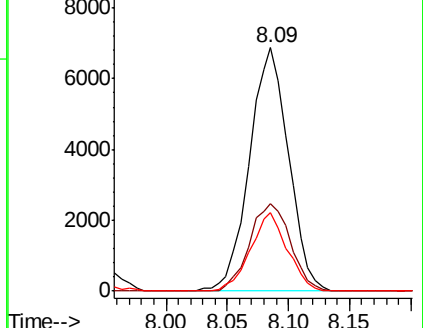
77 30.5 25.0 37.4

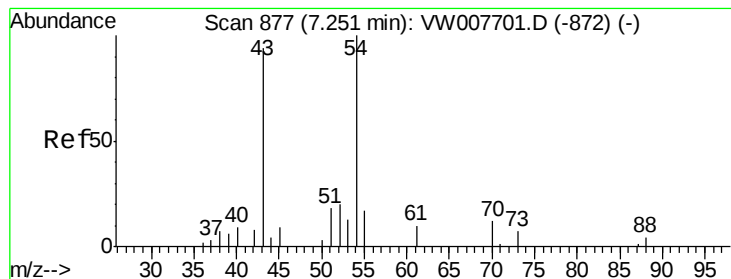


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 52.758 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

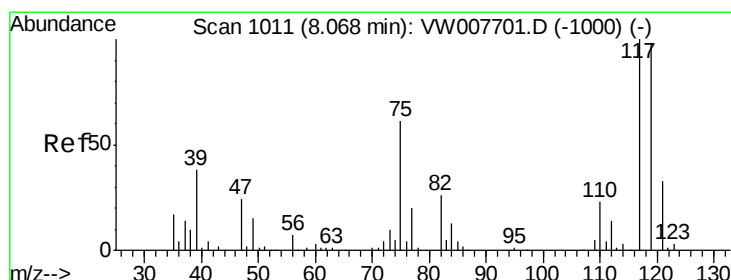
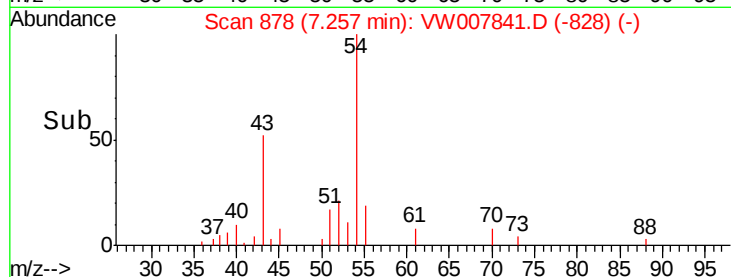
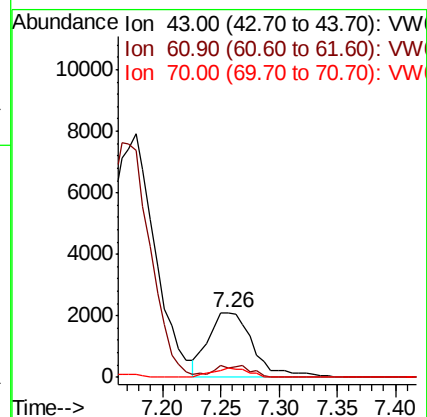
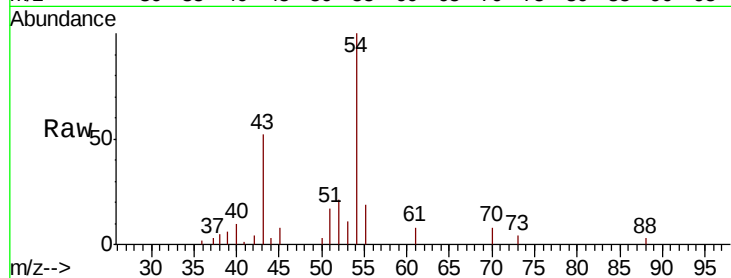
Tgt Ion: 43 Resp: 5655

Ion Ratio Lower Upper

43 100

61 13.9 11.2 16.8

70 11.2 9.3 13.9



#38

Carbon Tetrachloride

Concen: 41.411 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

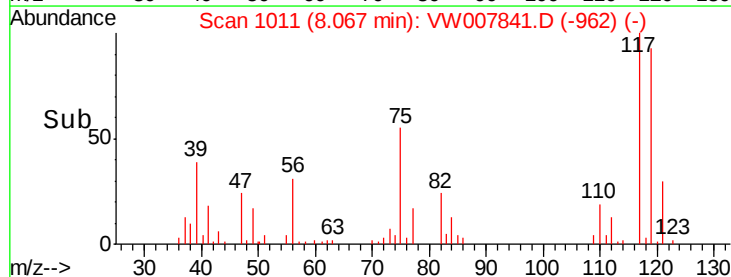
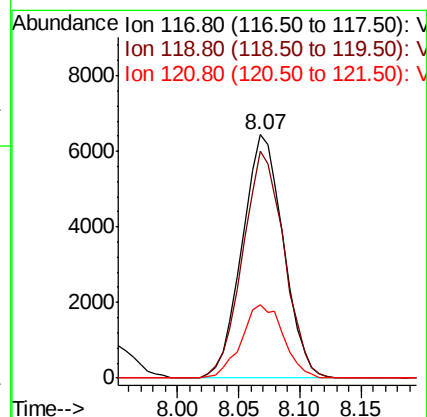
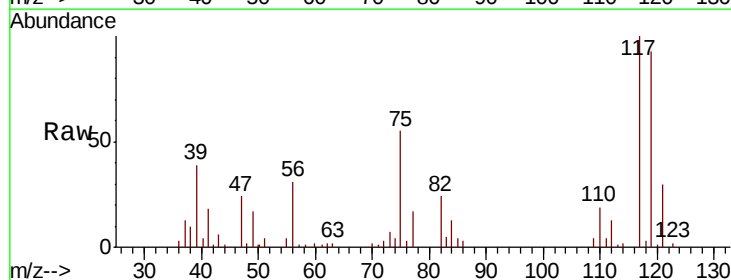
Tgt Ion: 117 Resp: 15147

Ion Ratio Lower Upper

117 100

119 93.4 78.2 117.2

121 30.2 26.1 39.1

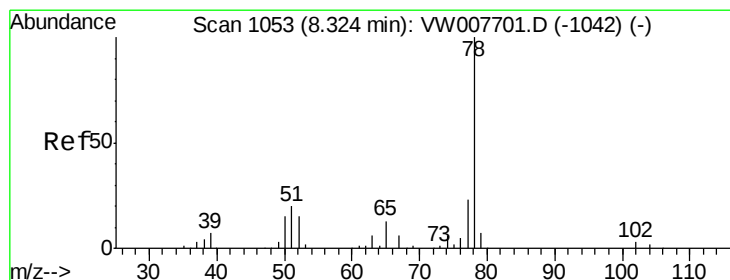
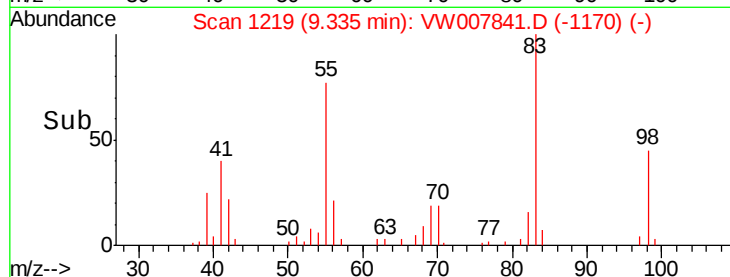
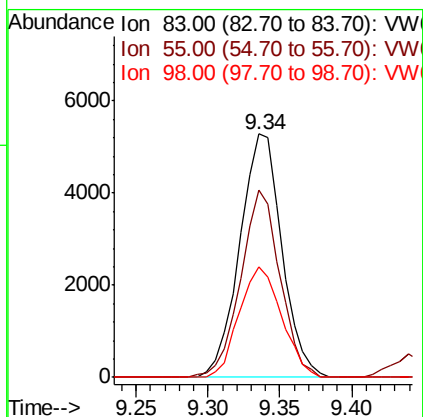
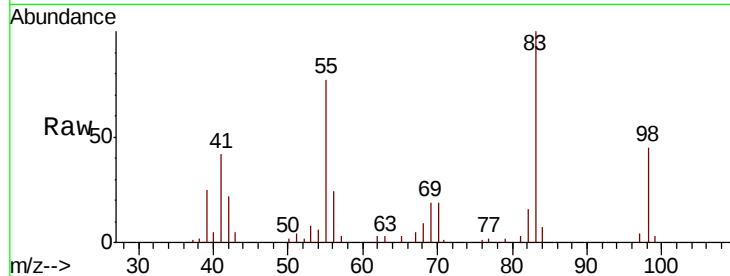




#39
Methylcyclohexane
Concen: 27.629 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

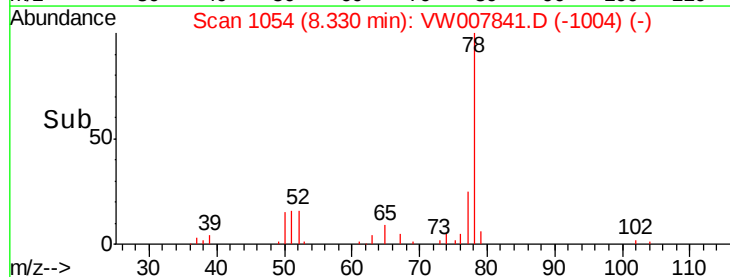
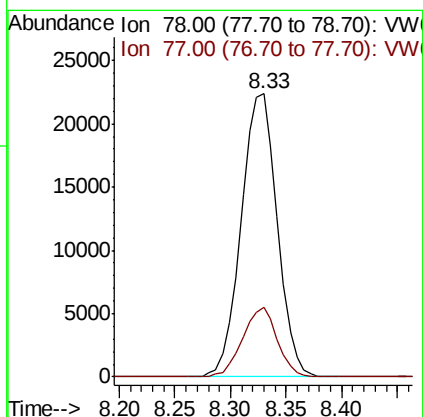
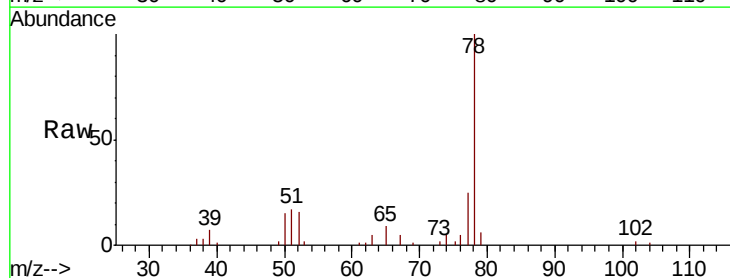
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

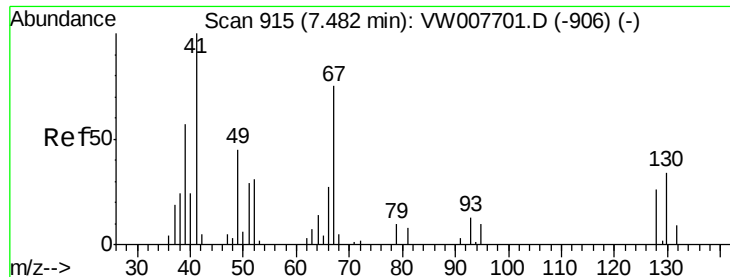
Tgt Ion: 83 Resp: 10663
Ion Ratio Lower Upper
83 100
55 76.7 57.2 85.8
98 45.4 38.6 58.0



#40
Benzene
Concen: 60.690 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion: 78 Resp: 50299
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1

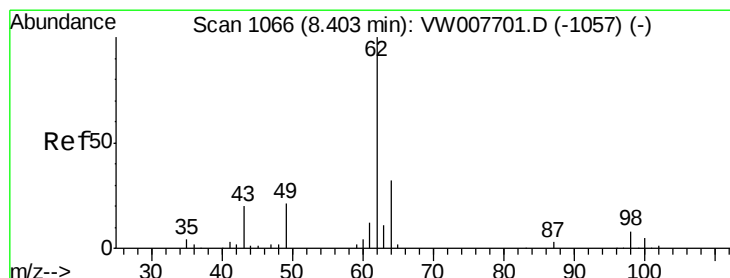
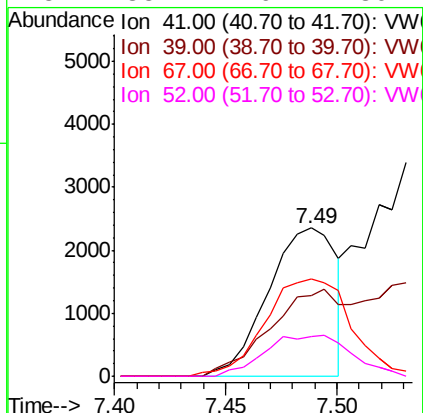
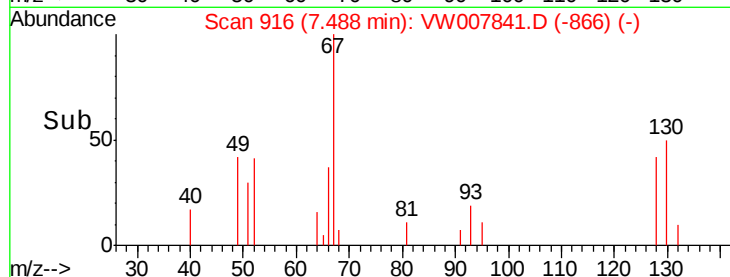
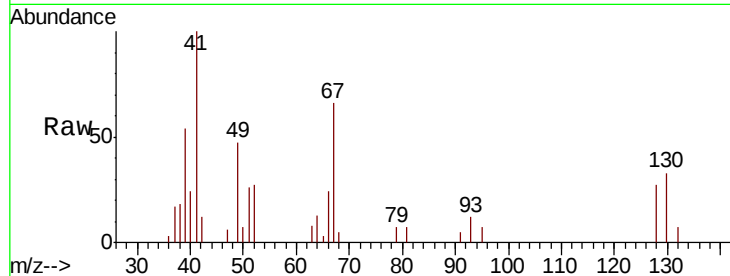




#41
Methacrylonitrile
Concen: 82.737 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

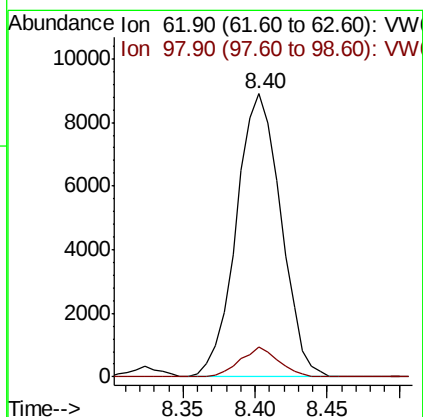
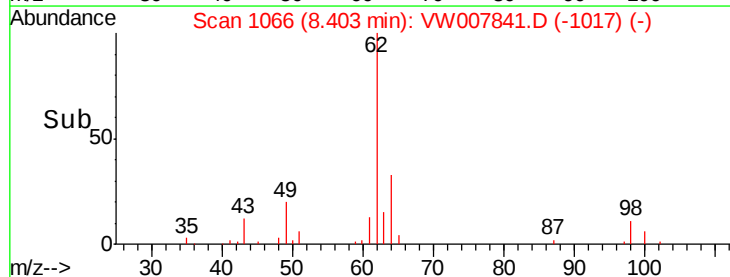
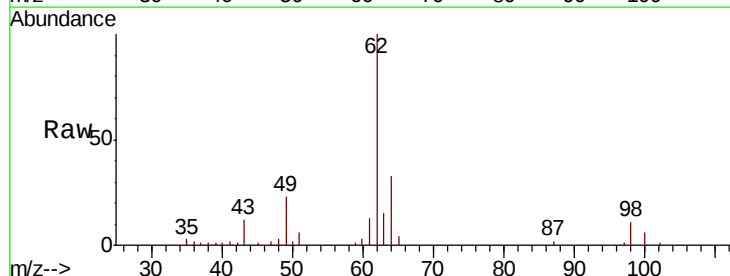
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

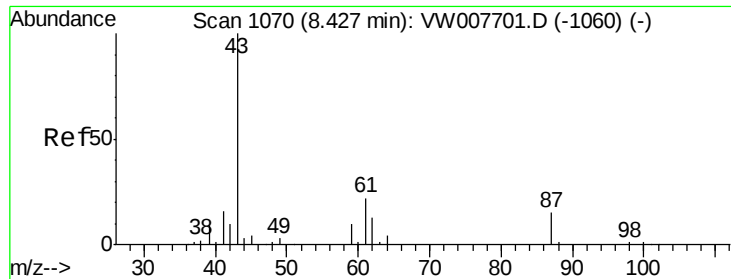
Tgt Ion:	41	Resp:	5035
Ion	Ratio	Lower	Upper
41	100		
39	66.3	54.2	81.4
67	81.7	65.7	98.5
52	35.1	26.2	39.4



#42
1,2-Dichloroethane
Concen: 69.006 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion:	62	Resp:	19166
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 60.775 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

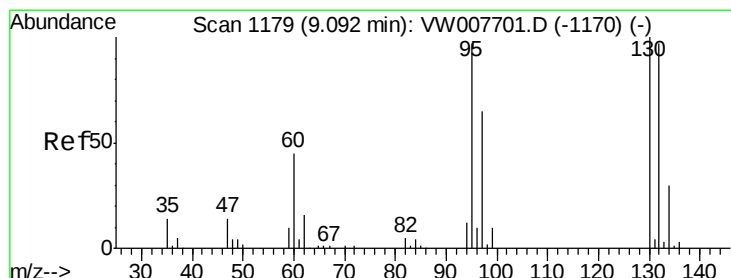
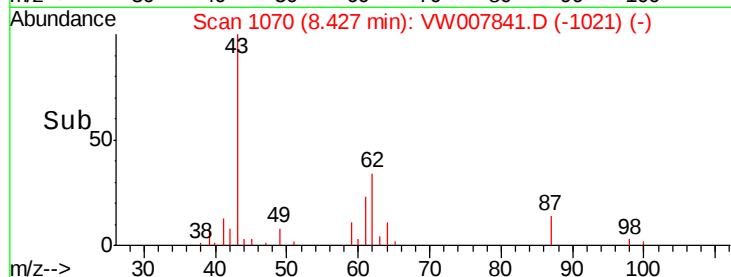
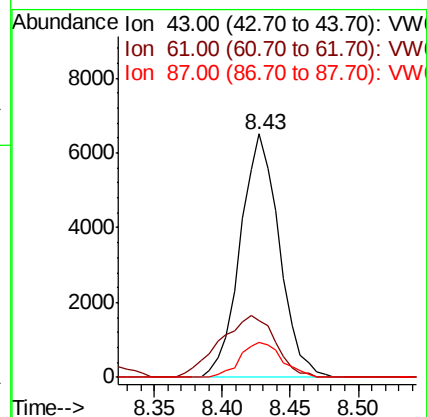
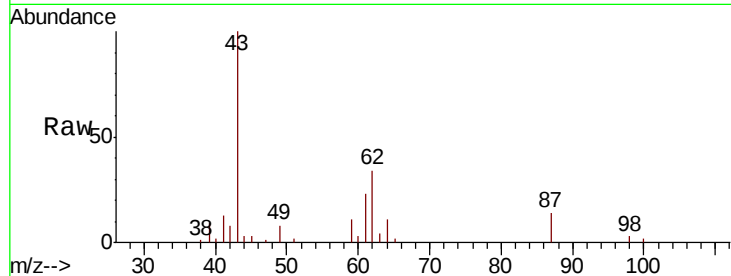
Tgt Ion: 43 Resp: 13051

Ion Ratio Lower Upper

43 100

61 35.9 26.3 39.5

87 15.4 12.0 18.0



#44

Trichloroethene

Concen: 51.213 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007841.D

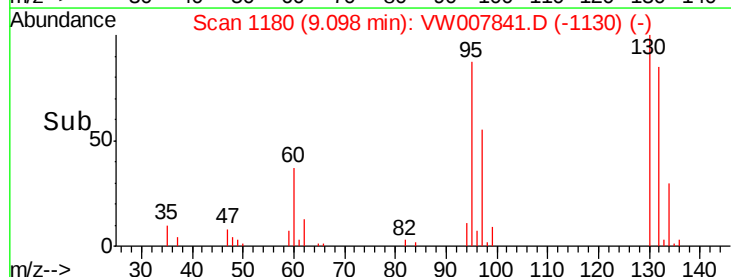
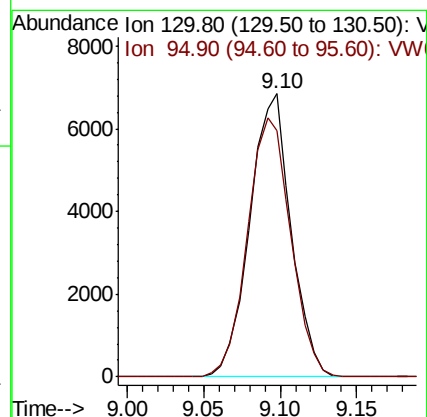
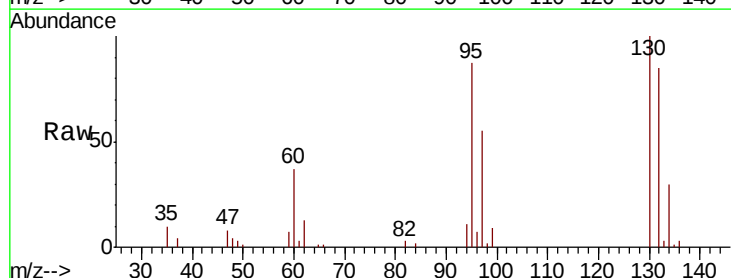
Acq: 22 Dec 2018 13:59

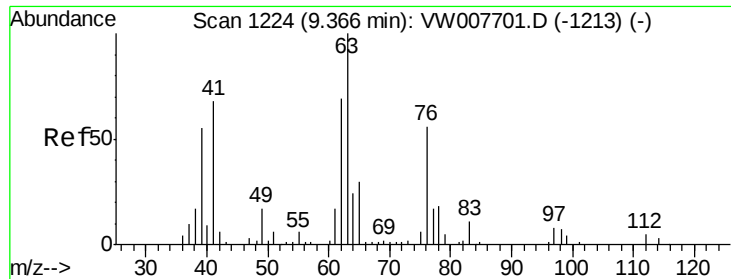
Tgt Ion: 130 Resp: 12836

Ion Ratio Lower Upper

130 100

95 87.1 0.0 194.8

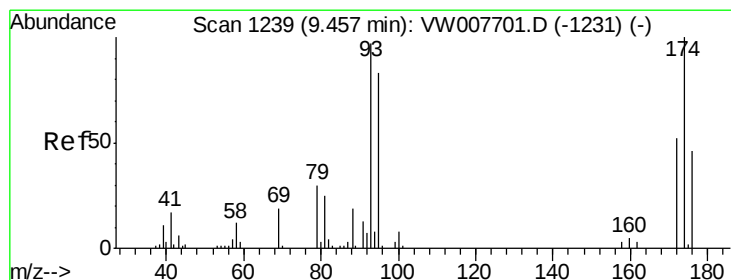
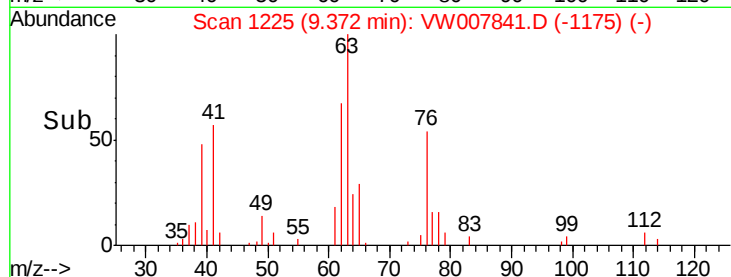
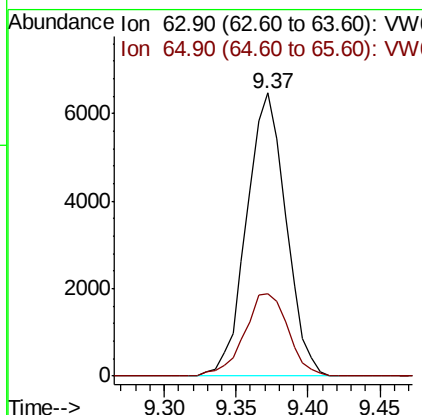
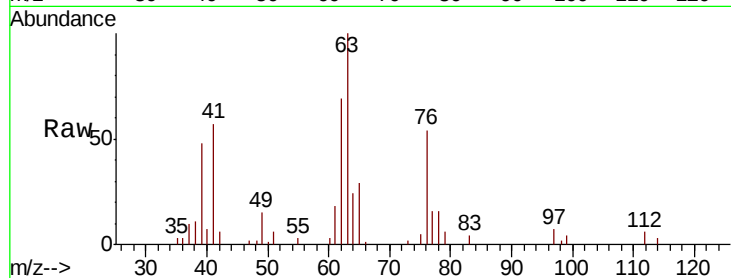




#45
 1,2-Dichloropropane
 Concen: 66.580 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

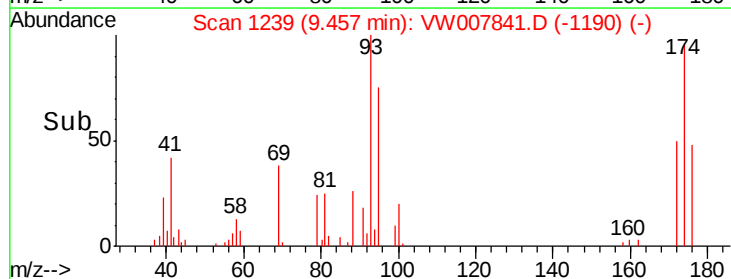
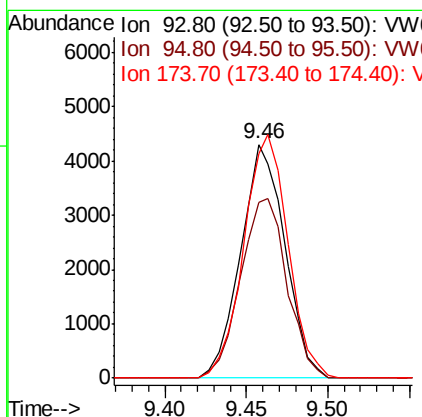
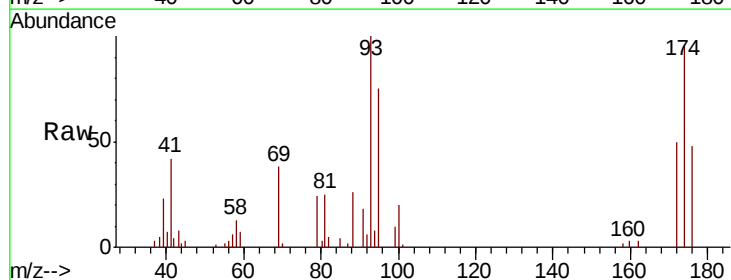
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

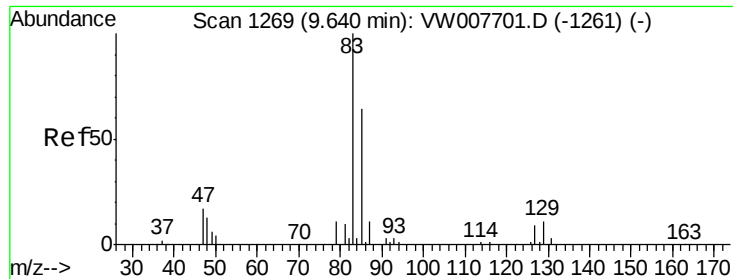
Tgt Ion: 63 Resp: 12244
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.8 35.8



#46
 Dibromomethane
 Concen: 71.932 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 93 Resp: 8143
 Ion Ratio Lower Upper
 93 100
 95 80.4 67.5 101.3
 174 103.8 83.9 125.9





#47

Bromodichloromethane

Concen: 57.002 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

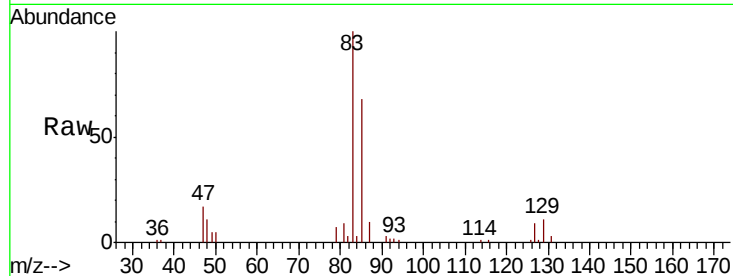
Tgt Ion: 83 Resp: 16964

Ion Ratio Lower Upper

83 100

85 67.5 51.4 77.0

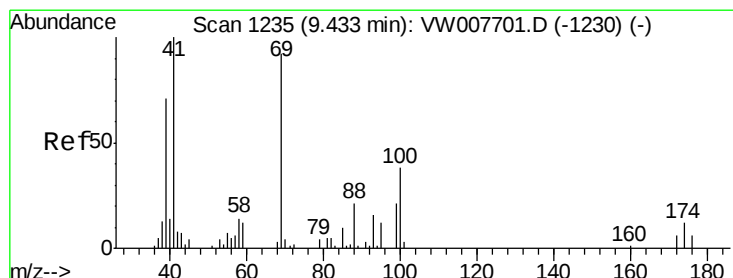
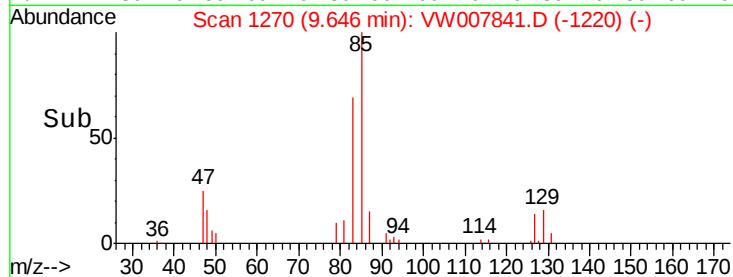
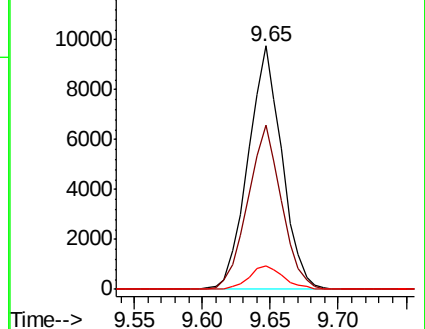
127 9.4 7.5 11.3



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: 103.740 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

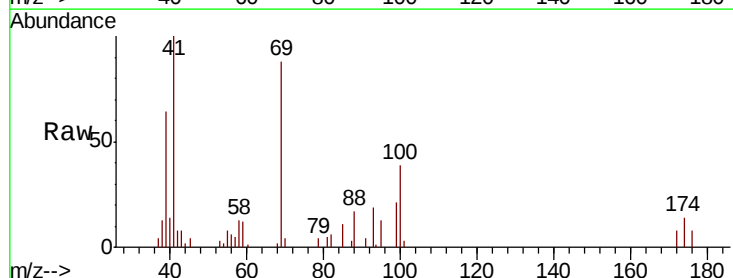
Tgt Ion: 41 Resp: 11120

Ion Ratio Lower Upper

41 100

69 84.8 74.2 111.2

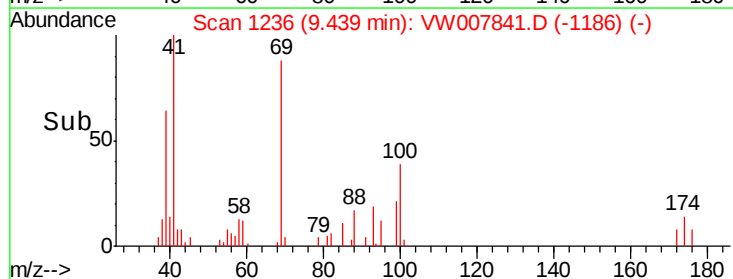
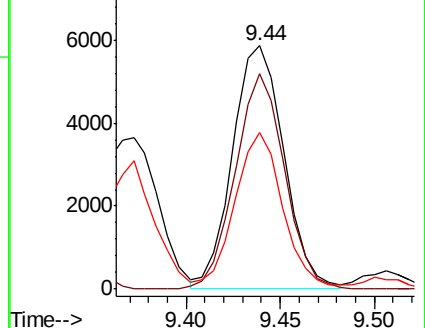
39 60.7 53.9 80.9

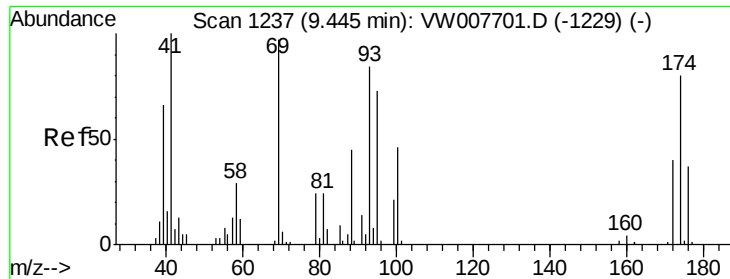


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1480.943 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

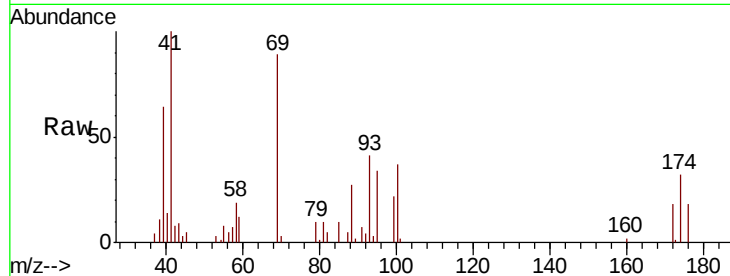
Tgt Ion: 88 Resp: 2658

Ion Ratio Lower Upper

88 100

43 38.0 25.6 38.4

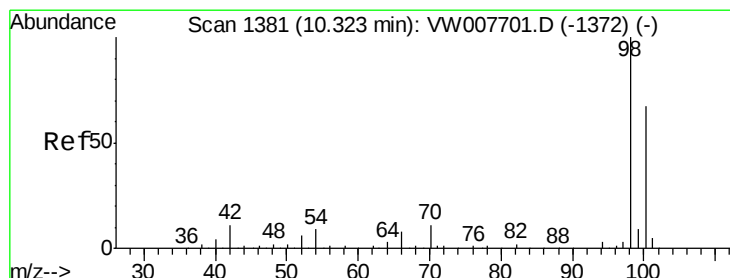
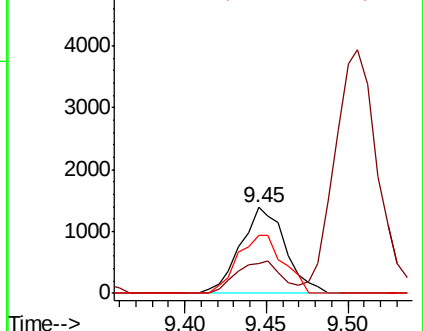
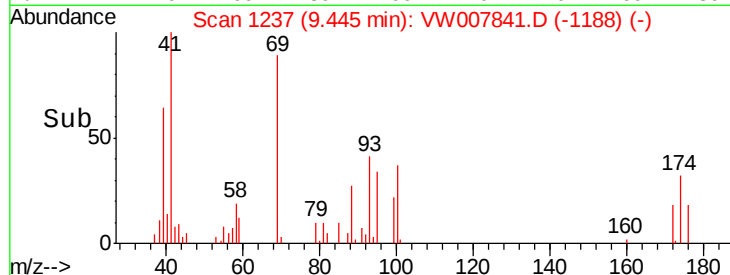
58 68.5 52.3 78.5



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: 48.715 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007841.D

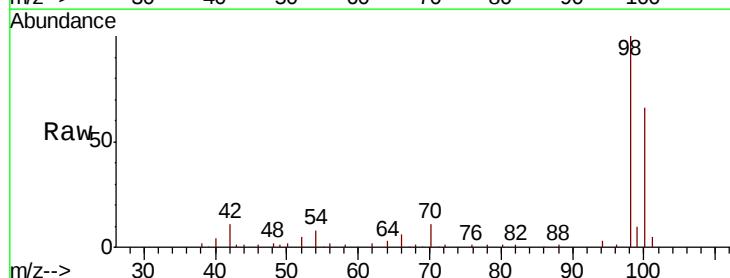
Acq: 22 Dec 2018 13:59

Tgt Ion: 98 Resp: 36052

Ion Ratio Lower Upper

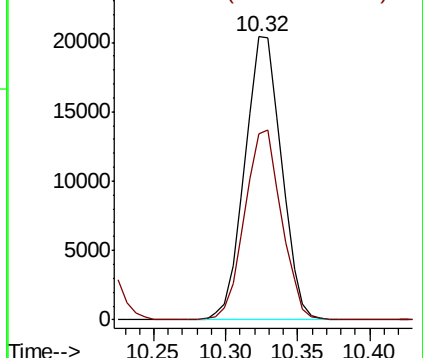
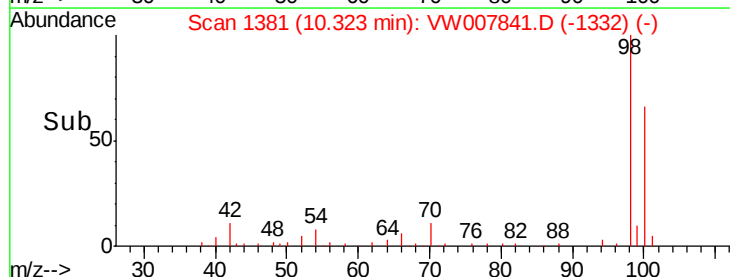
98 100

100 66.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

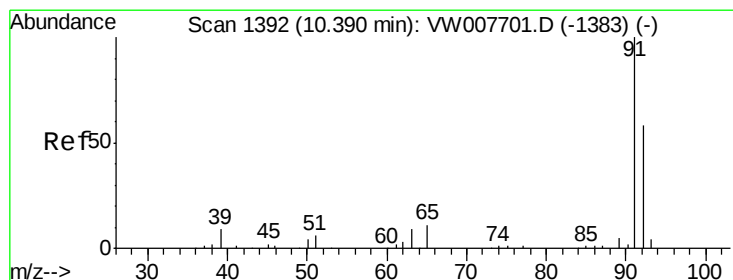
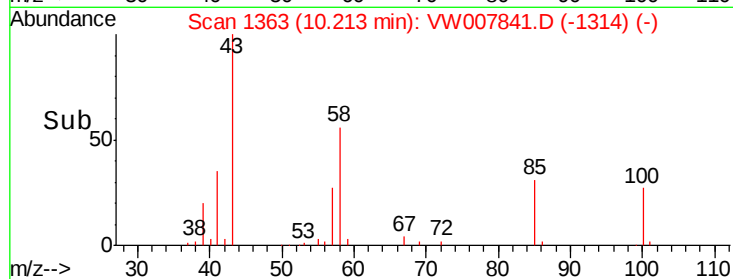
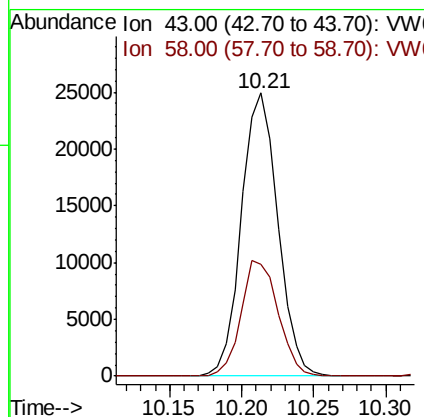
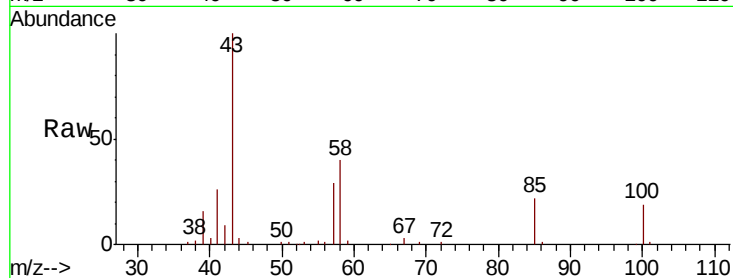




#51
 4-Methyl-2-Pentanone
 Concen: 431.786 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

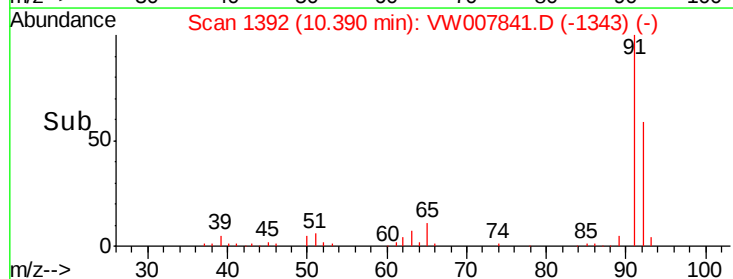
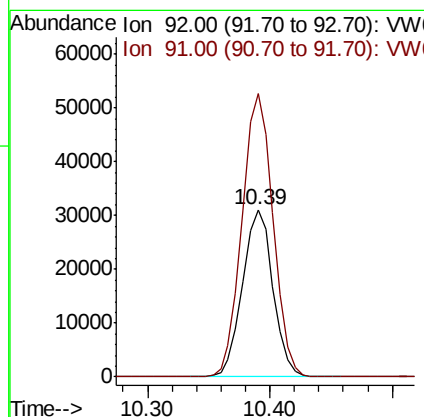
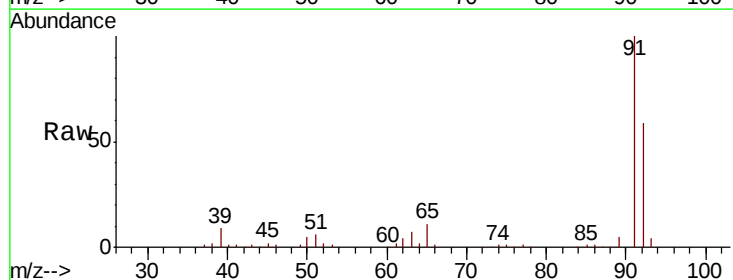
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

Tgt Ion: 43 Resp: 43821
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.2 49.8



#52
 Toluene
 Concen: 96.604 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 92 Resp: 53718
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.0 205.4

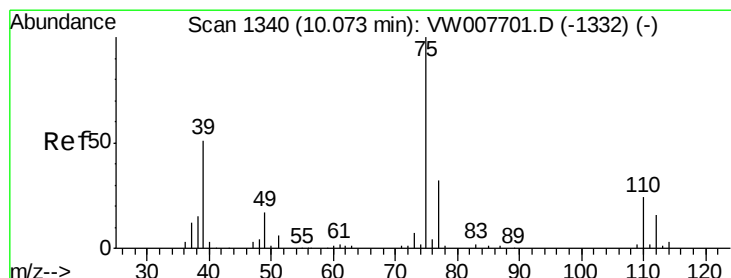
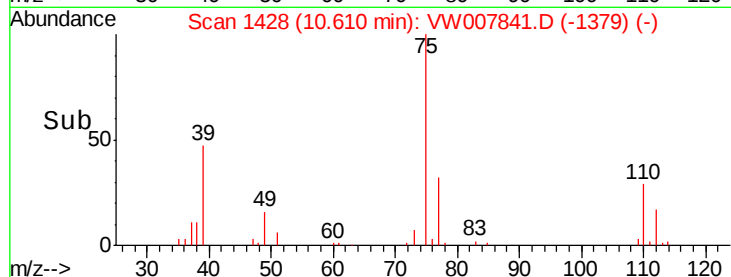
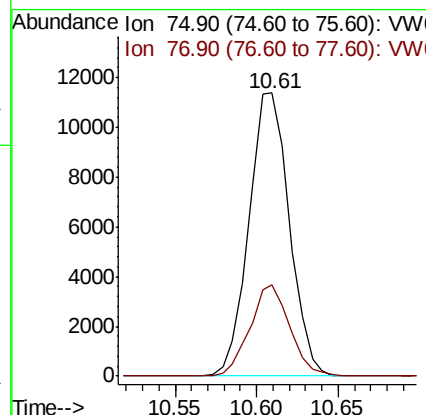
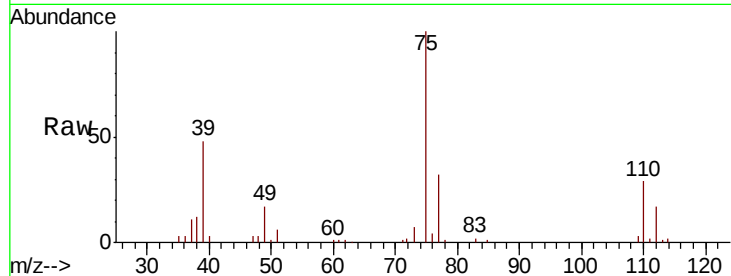




#53
t-1,3-Dichloropropene
Concen: 66.074 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

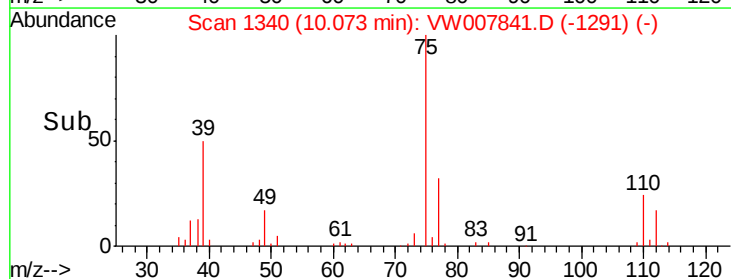
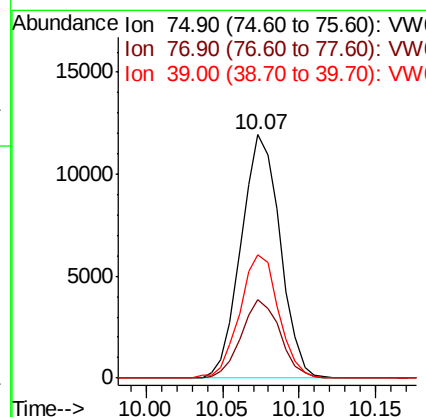
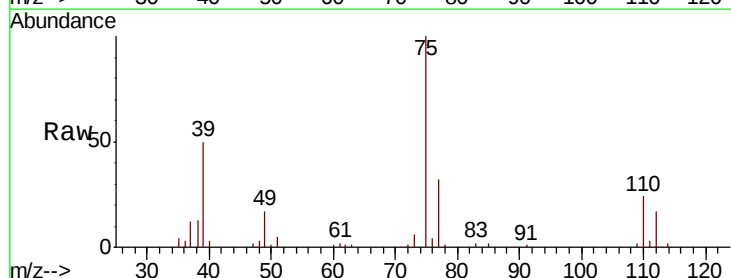
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

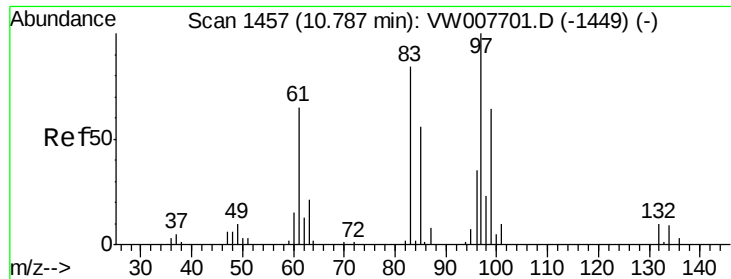
Tgt Ion: 75 Resp: 19559
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 64.724 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion: 75 Resp: 21163
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
39 50.4 41.2 61.8

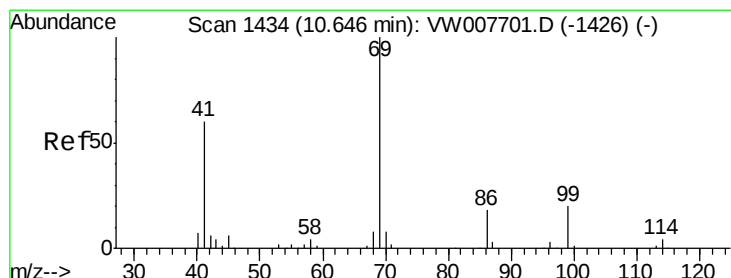
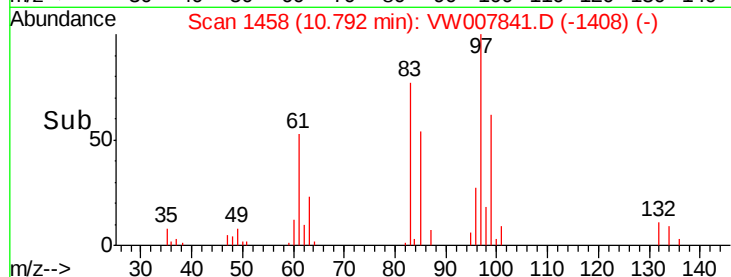
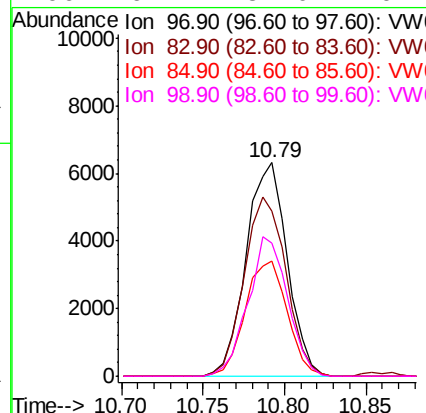
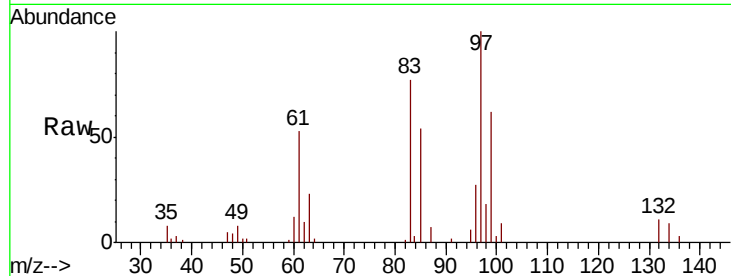




#55
 1,1,2-Trichloroethane
 Concen: 71.202 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

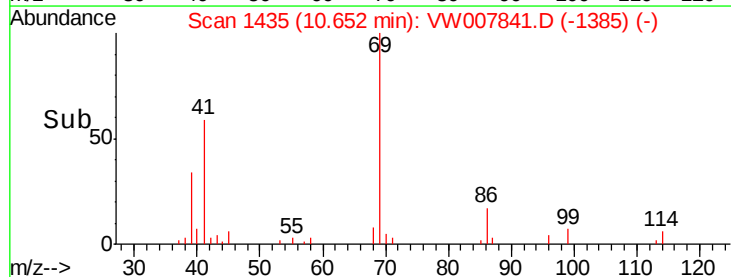
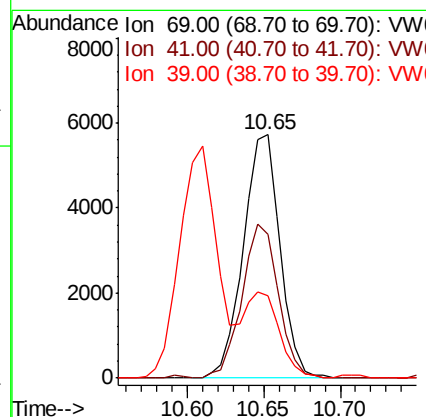
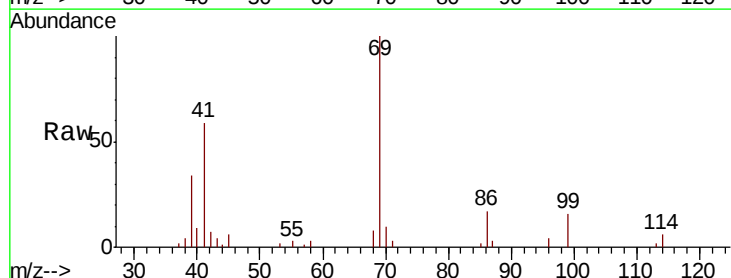
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

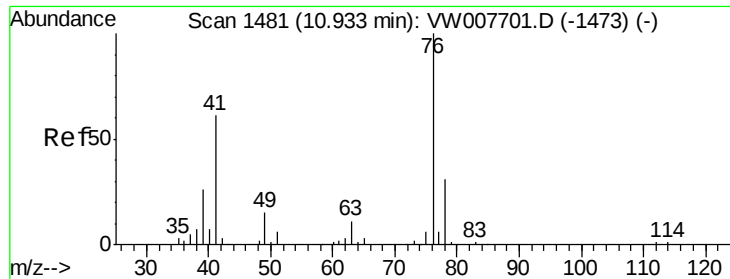
Tgt Ion:	97	Resp:	11112
Ion	Ratio	Lower	Upper
97	100		
83	77.2	67.5	101.3
85	53.9	44.8	67.2
99	62.2	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 51.755 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion:	69	Resp:	9543
Ion	Ratio	Lower	Upper
69	100		
41	63.0	48.9	73.3
39	31.2	31.3	46.9#

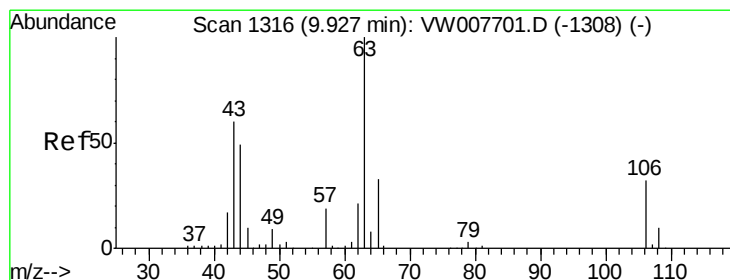
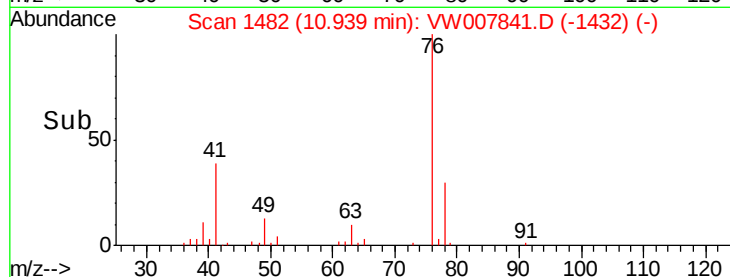
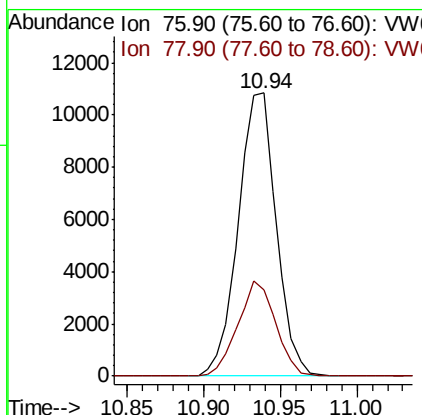
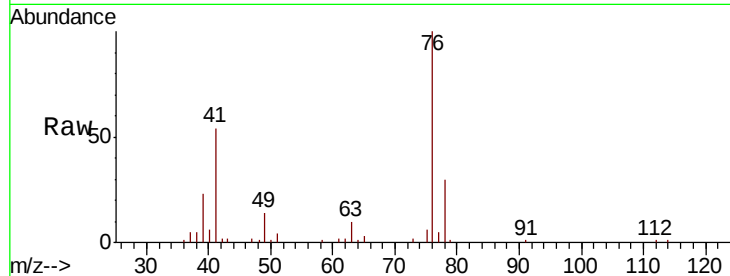




#57
 1,3-Dichloropropane
 Concen: 72.186 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

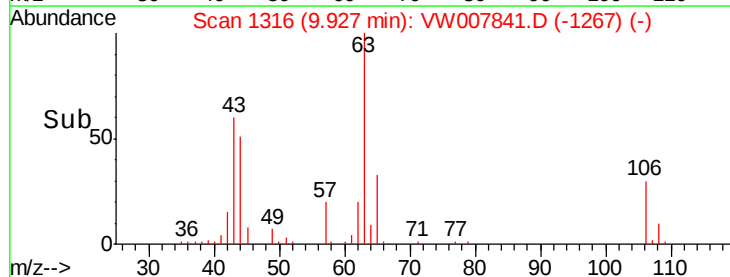
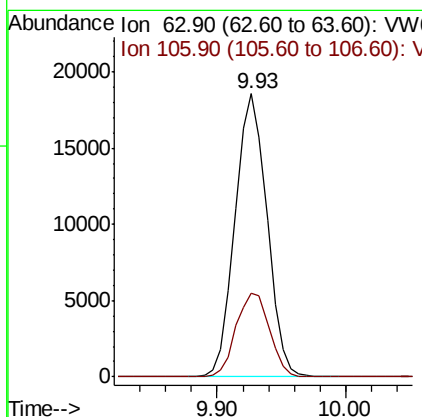
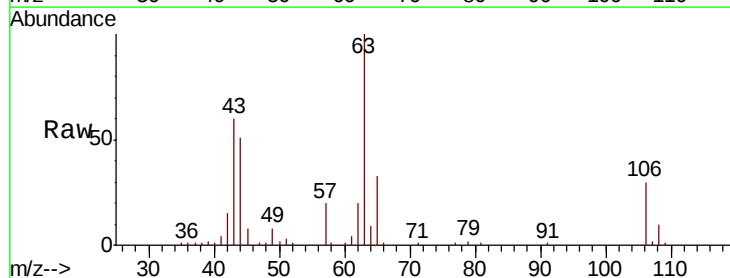
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

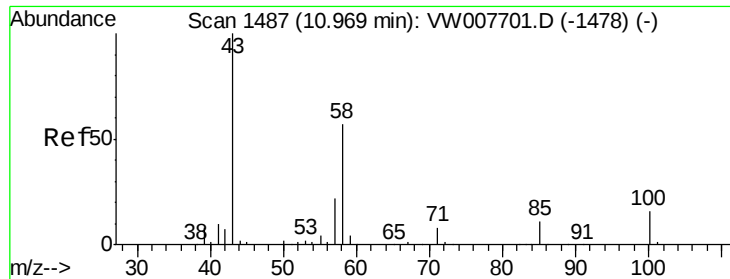
Tgt Ion: 76 Resp: 18707
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 379.704 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 63 Resp: 31966
 Ion Ratio Lower Upper
 63 100
 106 30.9 25.9 38.9





#59

2-Hexanone

Concen: 405.950 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

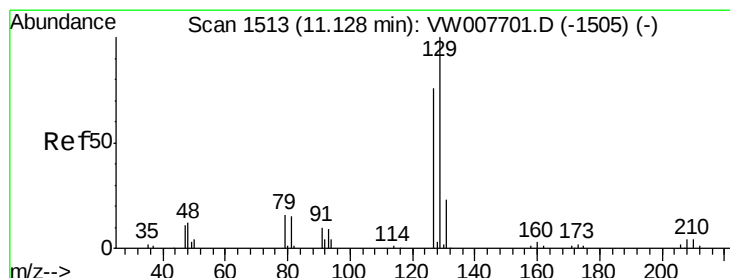
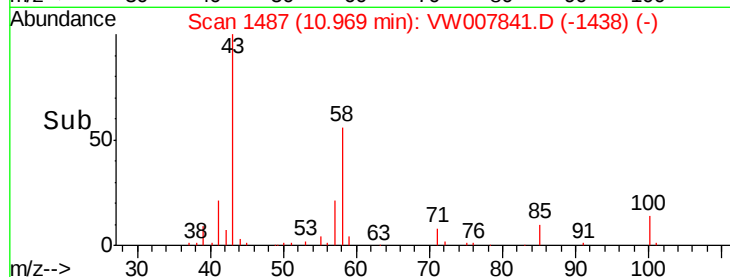
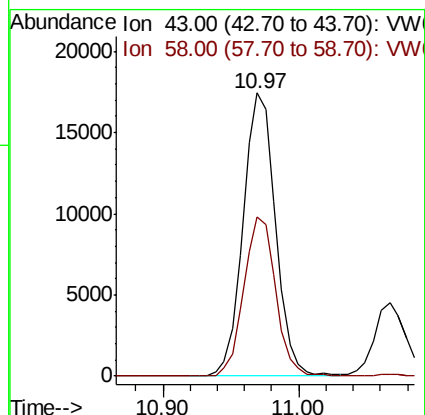
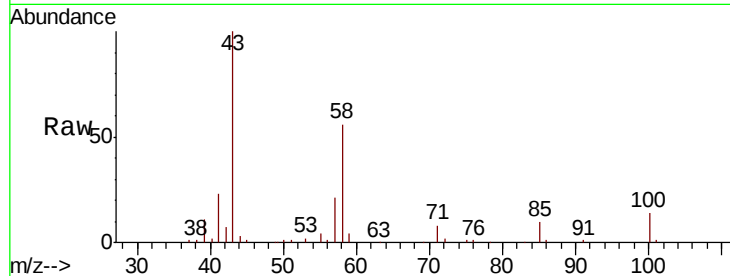
P001-SS006-1824-01MSD

Tgt Ion: 43 Resp: 28974

Ion Ratio Lower Upper

43 100

58 55.3 27.7 83.1



#60

Dibromochloromethane

Concen: 55.866 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007841.D

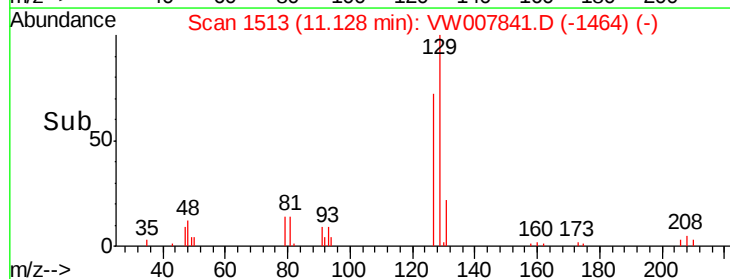
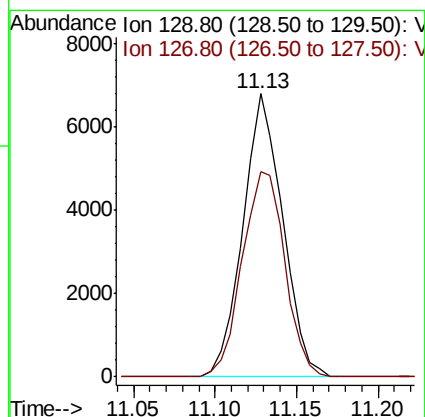
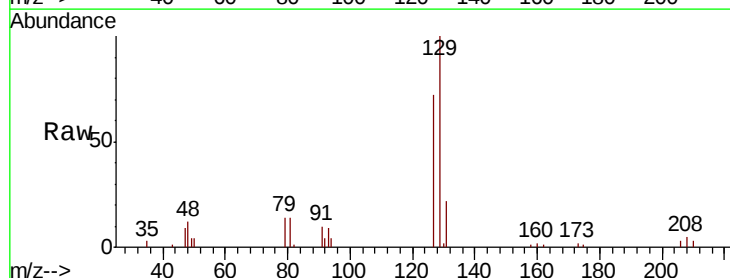
Acq: 22 Dec 2018 13:59

Tgt Ion: 129 Resp: 11544

Ion Ratio Lower Upper

129 100

127 77.6 38.3 114.9

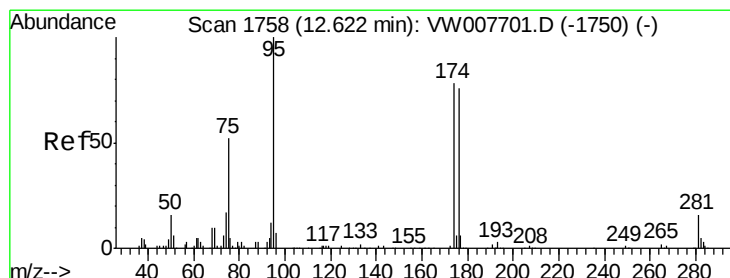
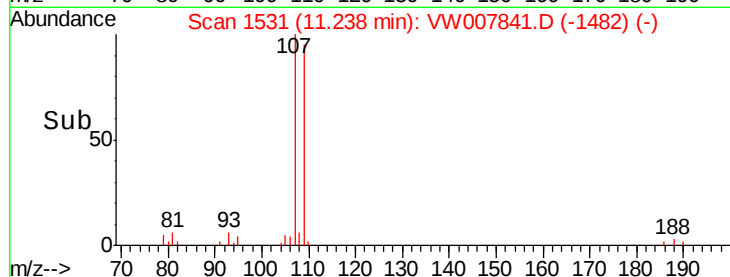
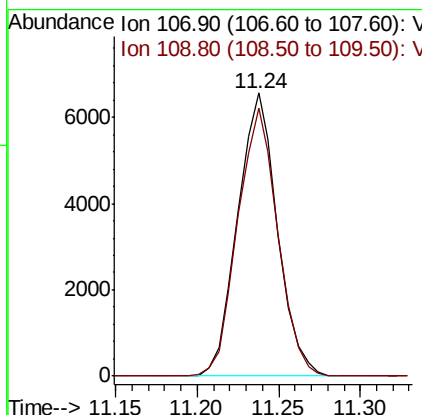
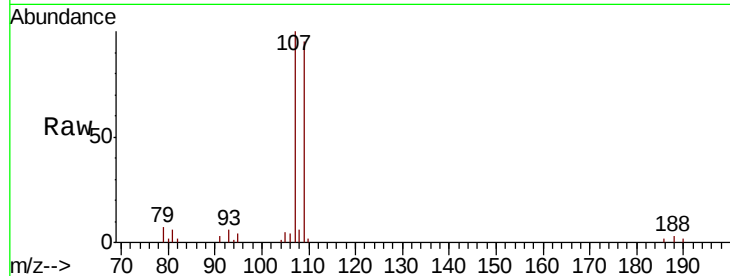




#61
 1,2-Dibromoethane
 Concen: 70.078 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

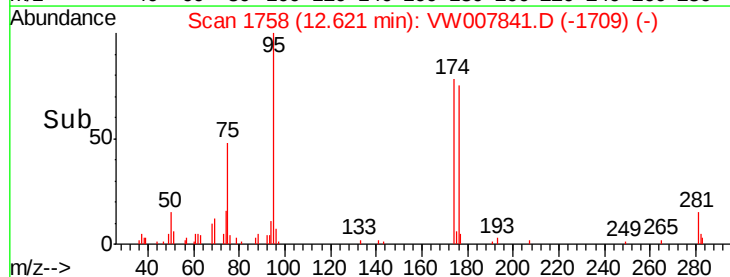
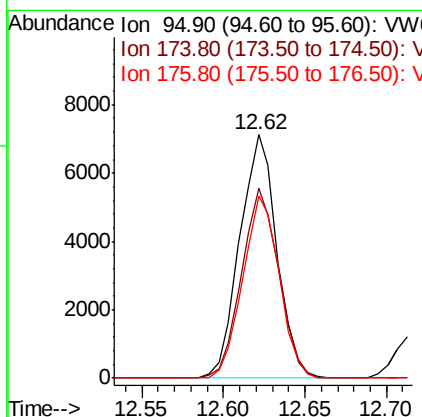
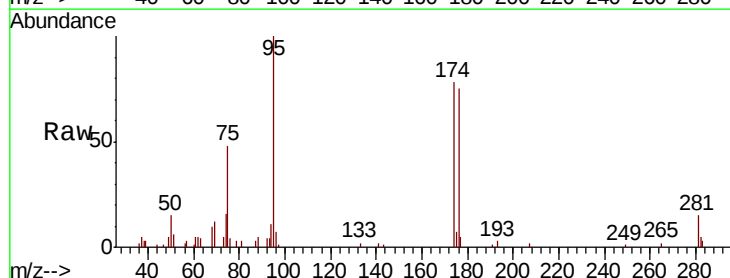
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

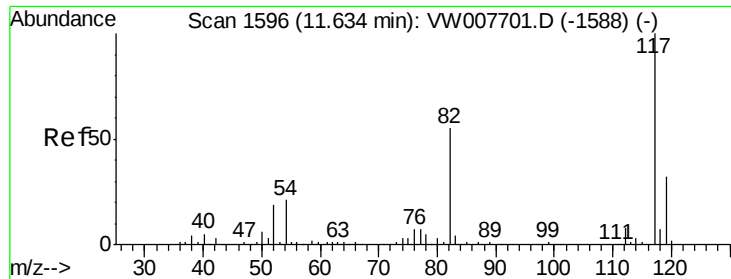
Tgt Ion: 107 Resp: 11075
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 39.294 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 95 Resp: 11234
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 152.2
 176 73.5 0.0 146.8

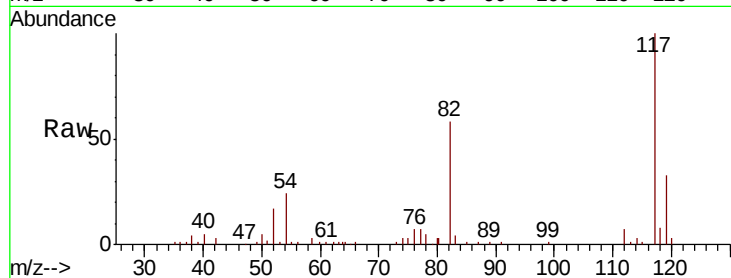




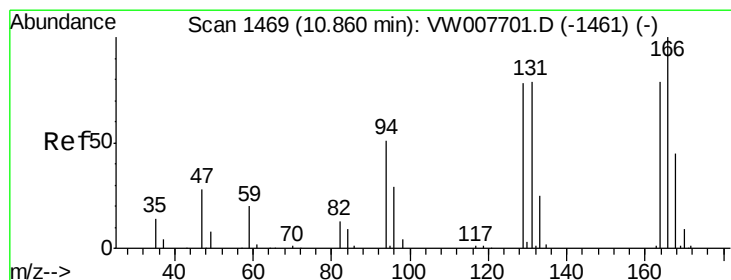
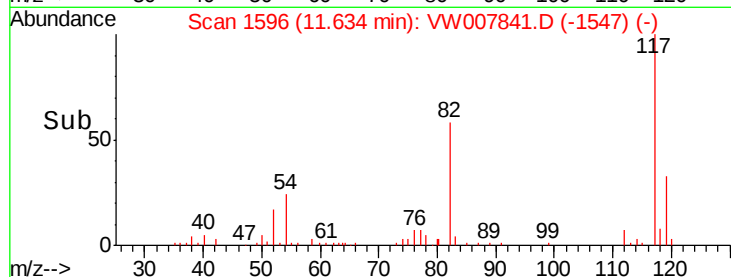
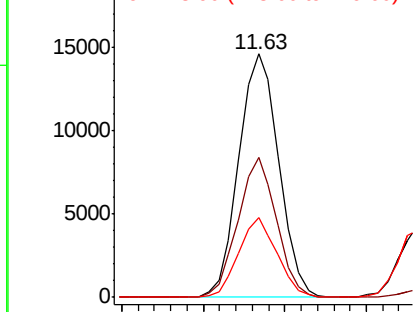
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

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

Tgt Ion:117 Resp: 24835
Ion Ratio Lower Upper
117 100
82 57.7 44.3 66.5
119 32.6 25.7 38.5

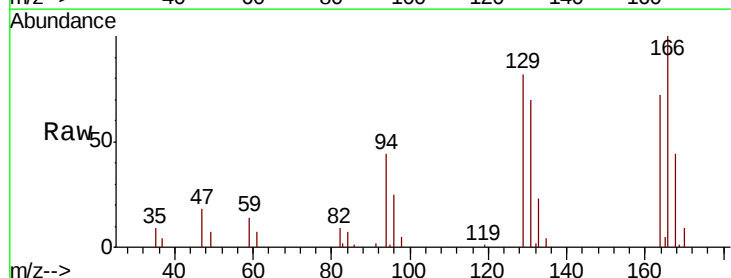


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

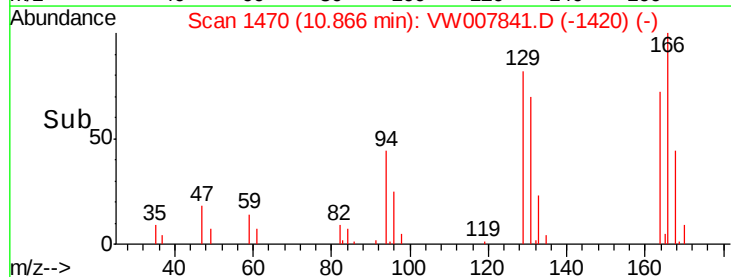
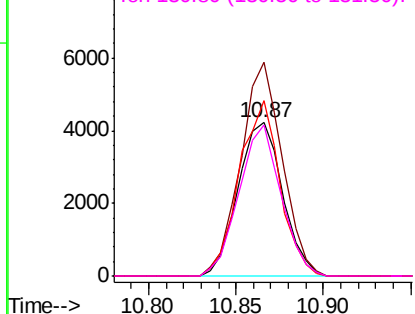


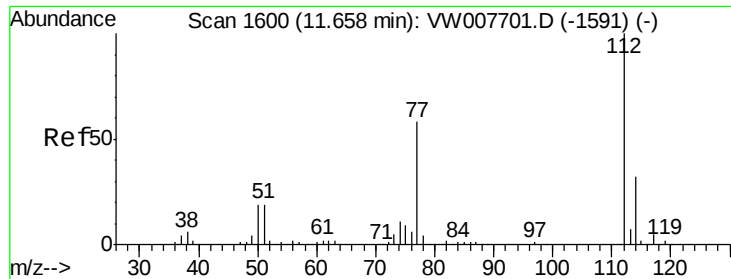
#64
Tetrachloroethene
Concen: 42.556 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion:164 Resp: 7484
Ion Ratio Lower Upper
164 100
166 139.1 101.0 151.6
129 114.6 78.7 118.1
131 98.0 79.4 119.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

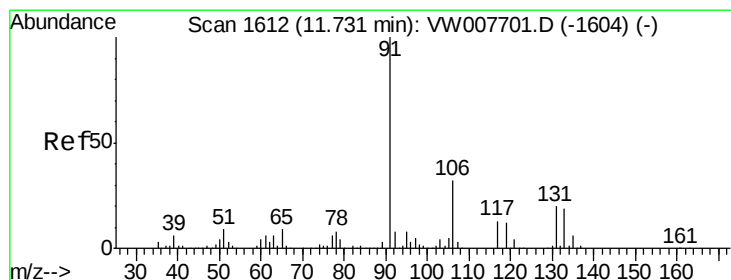
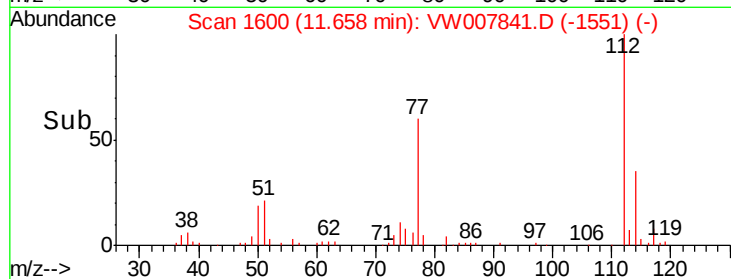
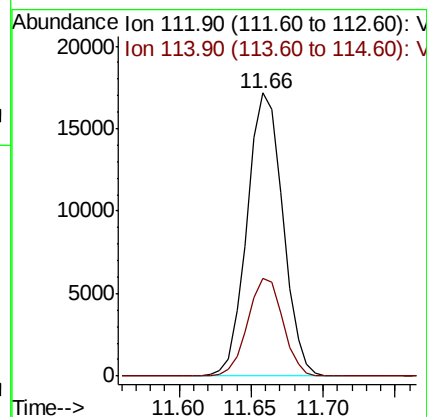
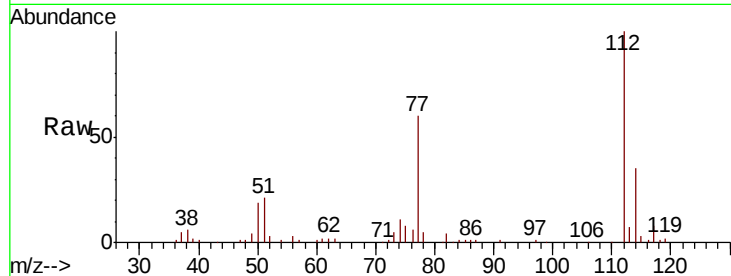




#65
Chlorobenzene
Concen: 54.889 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

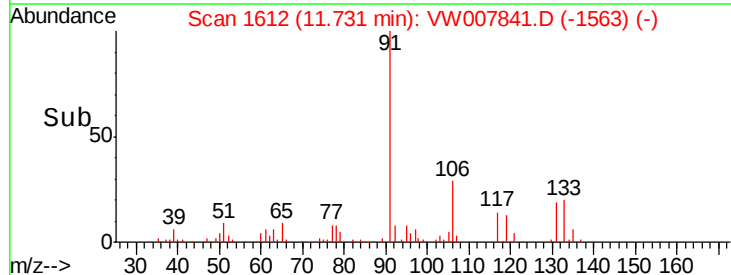
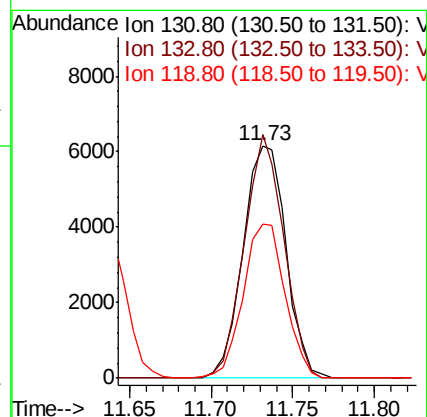
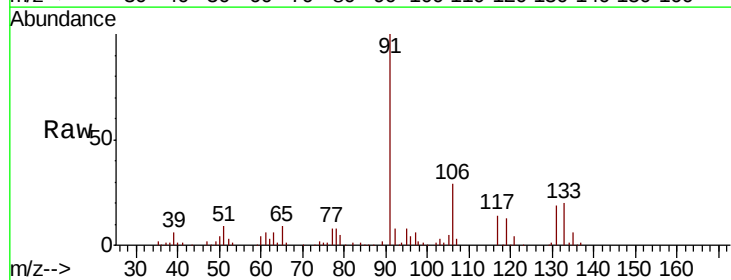
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

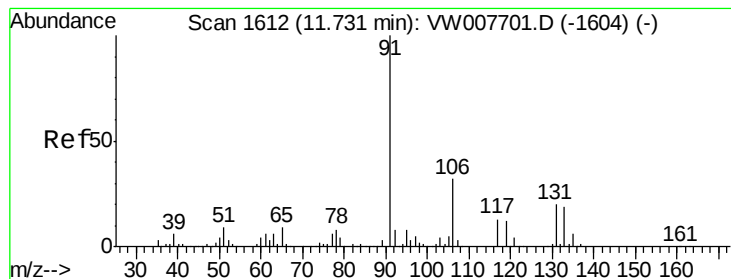
Tgt Ion:112 Resp: 29505
Ion Ratio Lower Upper
112 100
114 34.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 58.562 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion:131 Resp: 11248
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 64.9 30.2 90.6





#67

Ethyl Benzene

Concen: 55.960 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

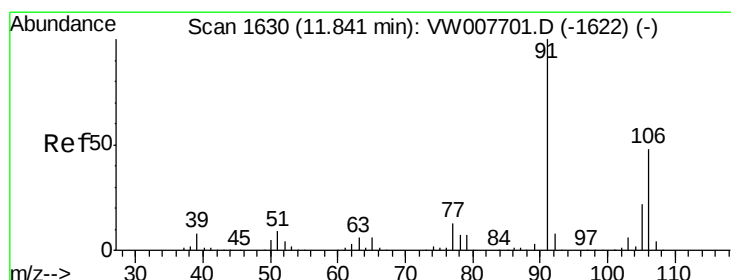
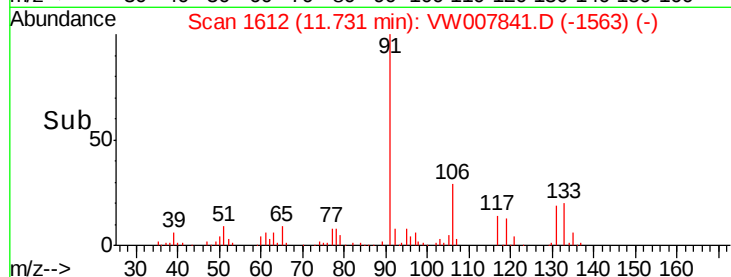
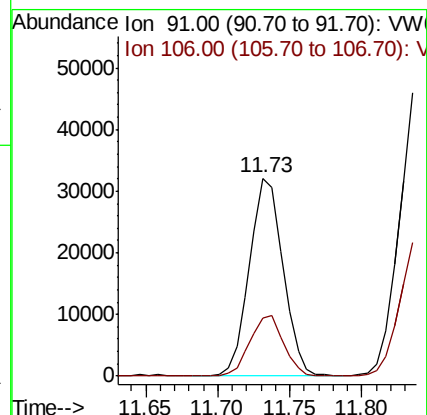
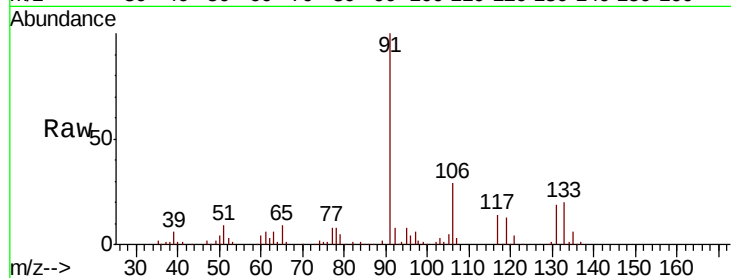
P001-SS006-1824-01MSD

Tgt Ion: 91 Resp: 51618

Ion Ratio Lower Upper

91 100

106 29.5 25.8 38.8



#68

m/p-Xylenes

Concen: 128.670 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007841.D

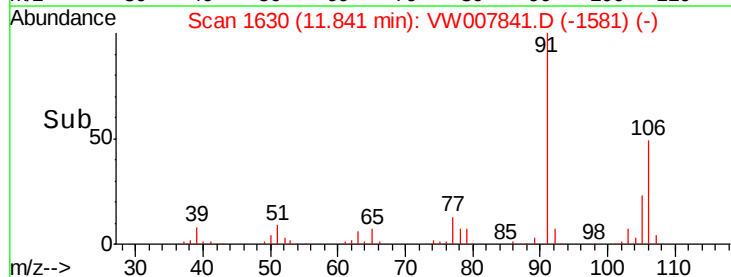
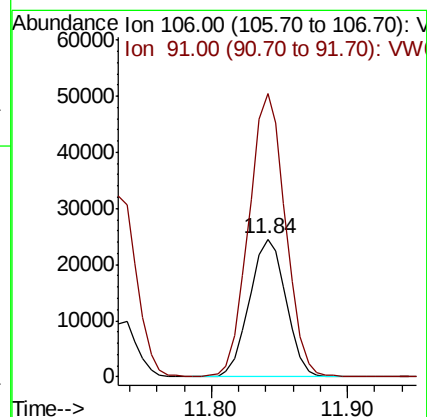
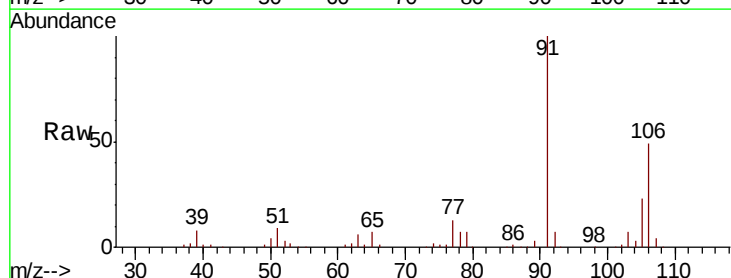
Acq: 22 Dec 2018 13:59

Tgt Ion: 106 Resp: 46040

Ion Ratio Lower Upper

106 100

91 205.6 165.2 247.8

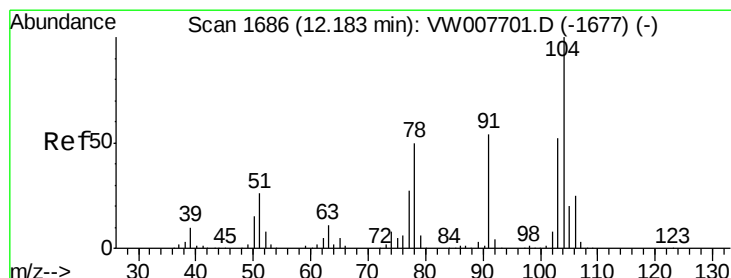
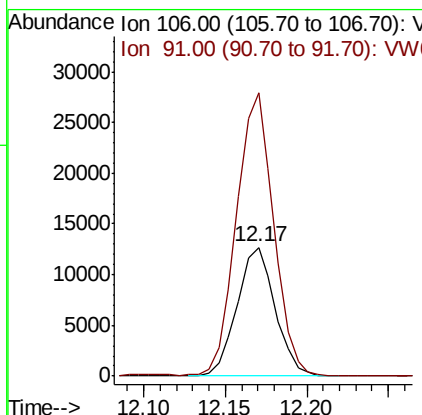
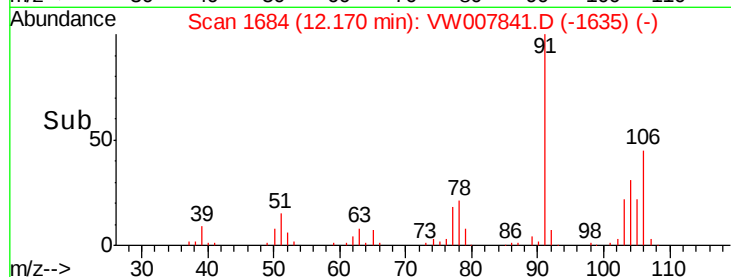
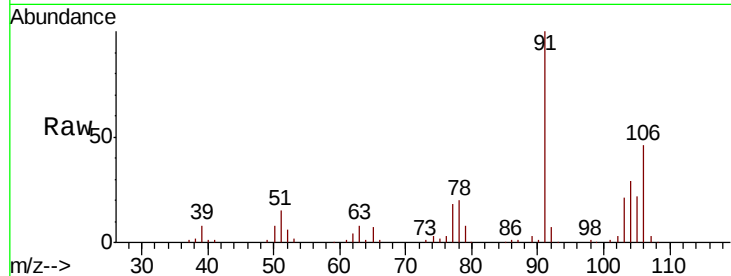




#69
o-Xylene
Concen: 61.540 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

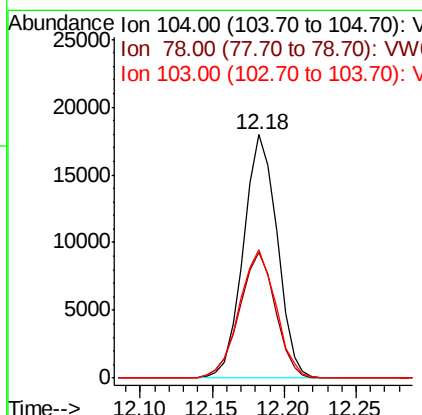
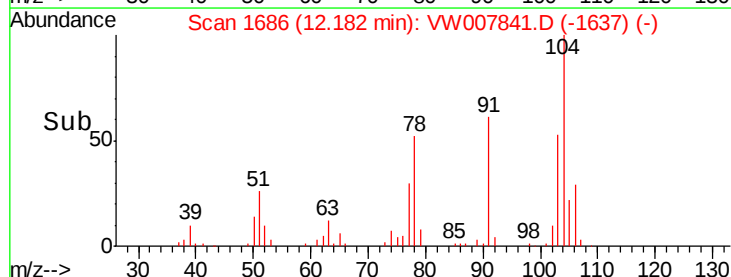
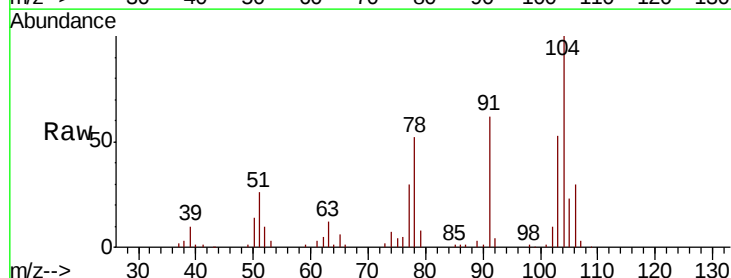
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion:106 Resp: 20641
Ion Ratio Lower Upper
106 100
91 215.9 110.5 331.4



#70
Styrene
Concen: 52.884 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion:104 Resp: 29157
Ion Ratio Lower Upper
104 100
78 55.0 43.4 65.0
103 57.3 44.5 66.7





#71

Bromoform

Concen: 59.915 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

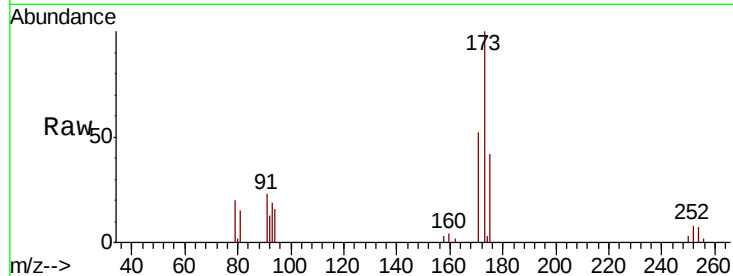
Tgt Ion:173 Resp: 5974

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.7

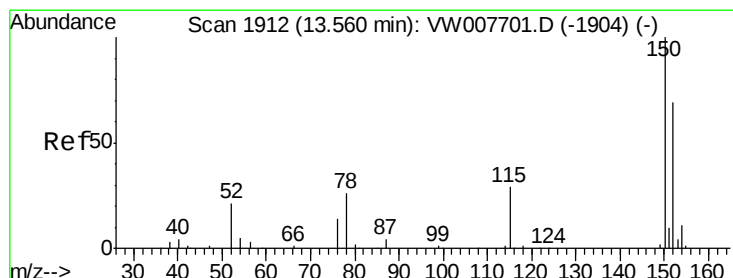
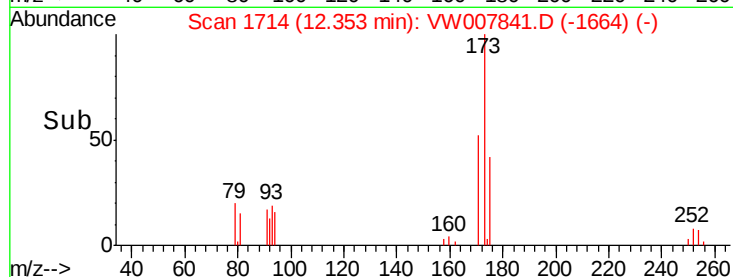
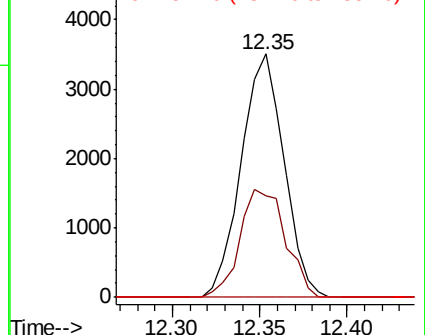
254 0.0 0.0 0.0



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: VW007841.D

Acq: 22 Dec 2018 13:59

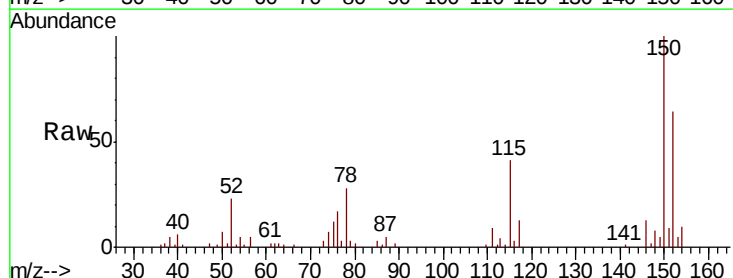
Tgt Ion:152 Resp: 8341

Ion Ratio Lower Upper

152 100

115 63.6 31.8 95.4

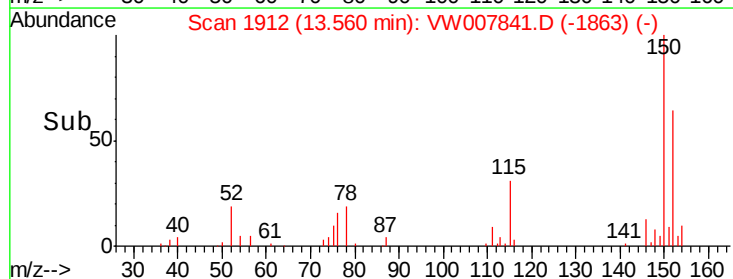
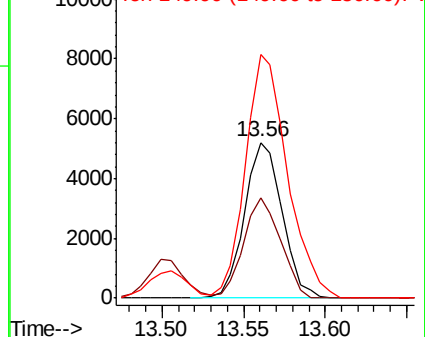
150 174.5 0.0 350.8



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: 60.171 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

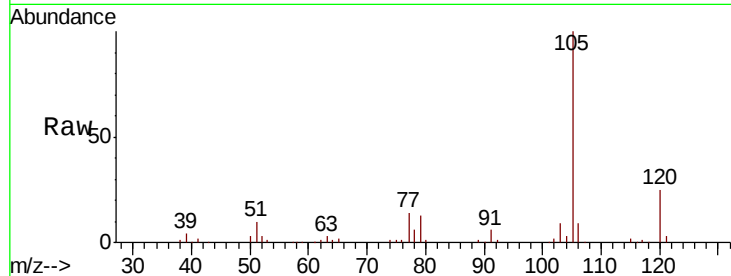
P001-SS006-1824-01MSD

Tgt Ion:105 Resp: 37937

Ion Ratio Lower Upper

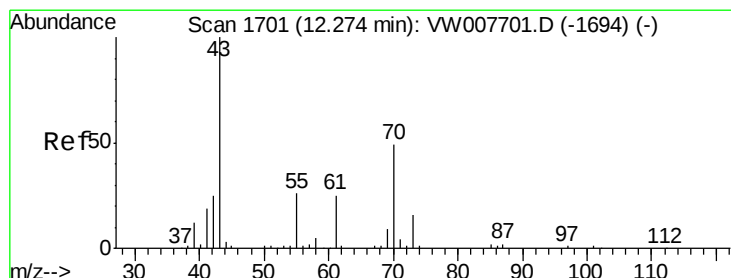
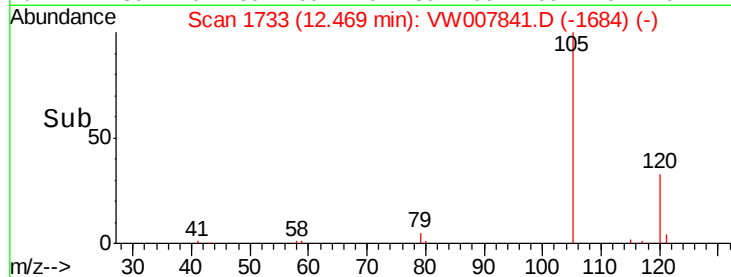
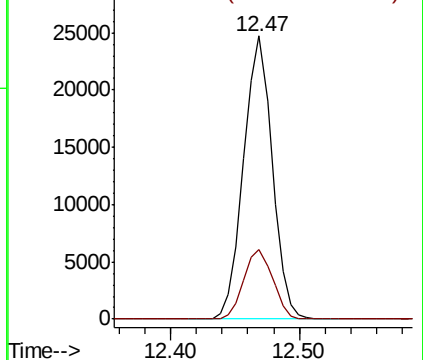
105 100

120 25.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.982 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Tgt Ion: 43 Resp: 6223

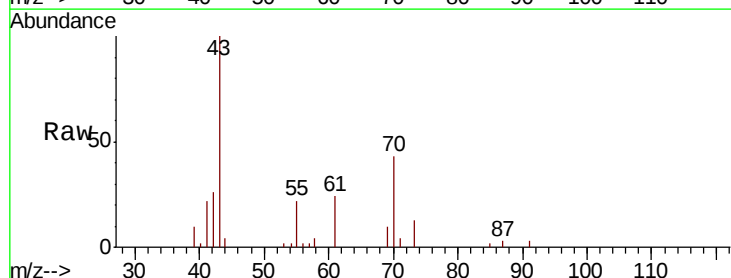
Ion Ratio Lower Upper

43 100

70 43.8 37.6 56.4

55 24.6 21.7 32.5

61 25.5 20.1 30.1

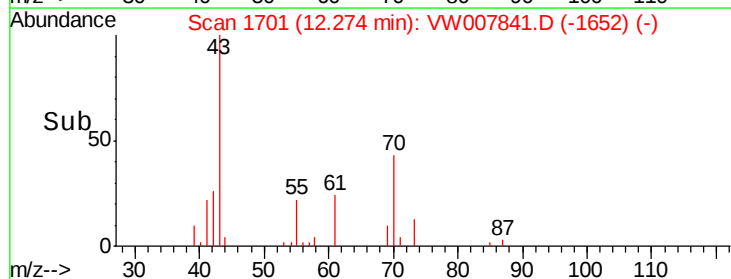
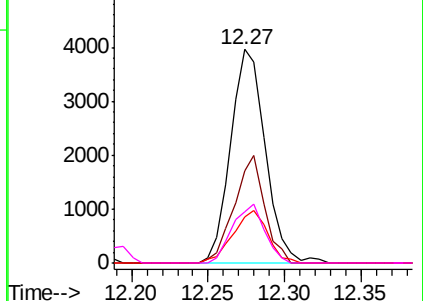


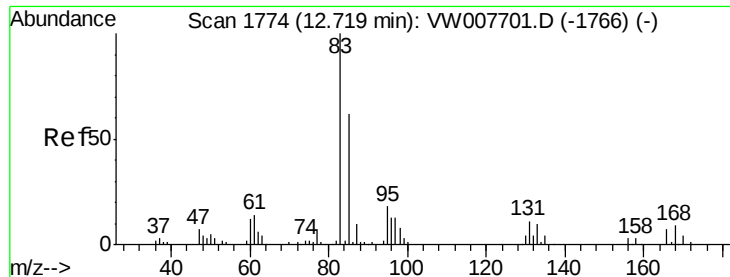
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 121.833 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

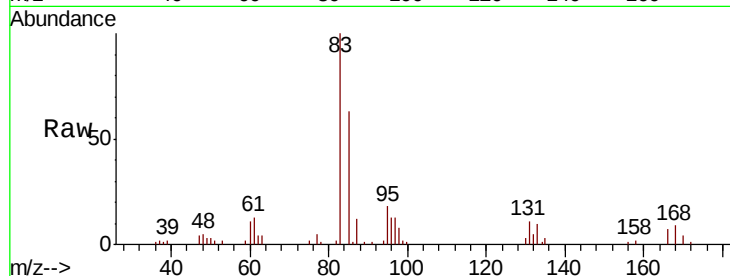
Tgt Ion: 83 Resp: 11517

Ion Ratio Lower Upper

83 100

131 12.1 6.3 18.8

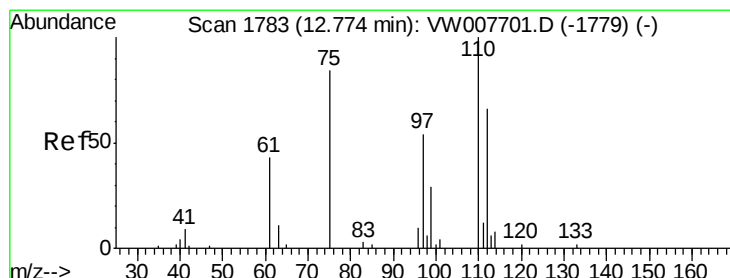
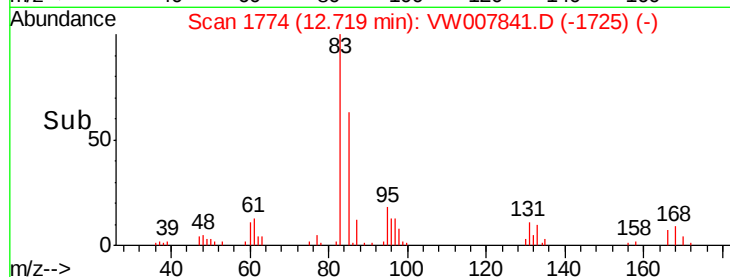
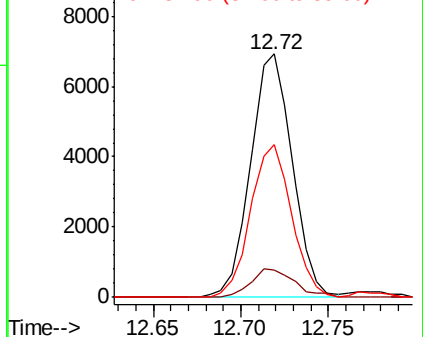
85 61.7 32.3 96.8



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: 242.957 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007841.D

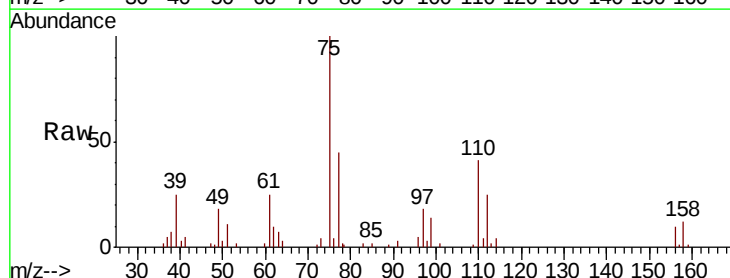
Acq: 22 Dec 2018 13:59

Tgt Ion: 75 Resp: 15663

Ion Ratio Lower Upper

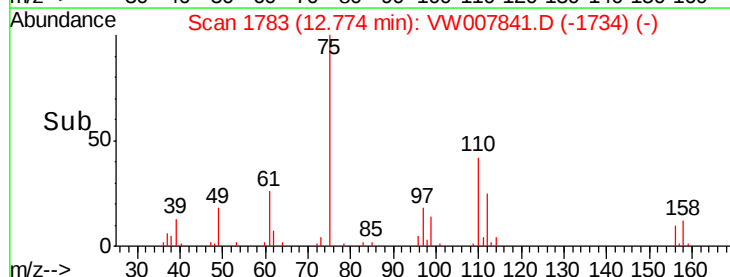
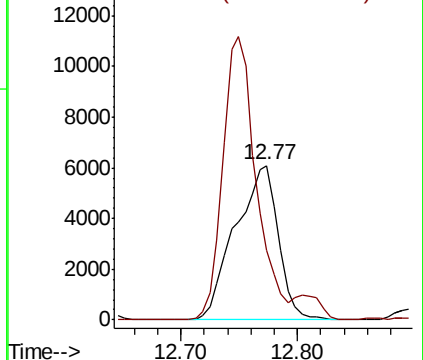
75 100

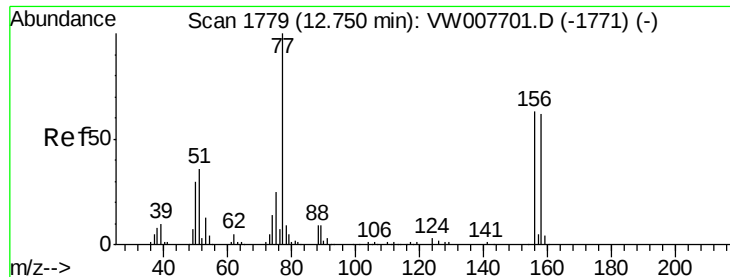
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 77.049 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

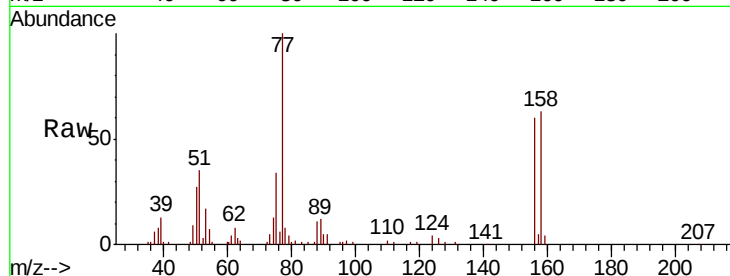
Tgt Ion:156 Resp: 11133

Ion Ratio Lower Upper

156 100

77 198.5 87.4 262.1

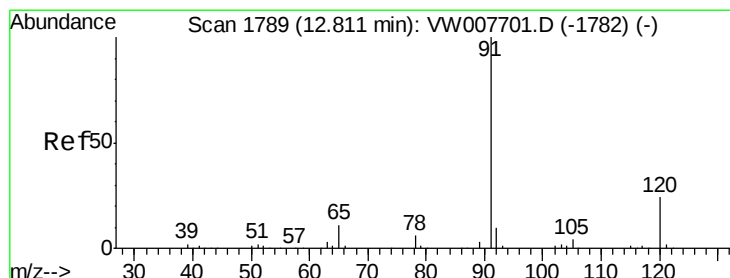
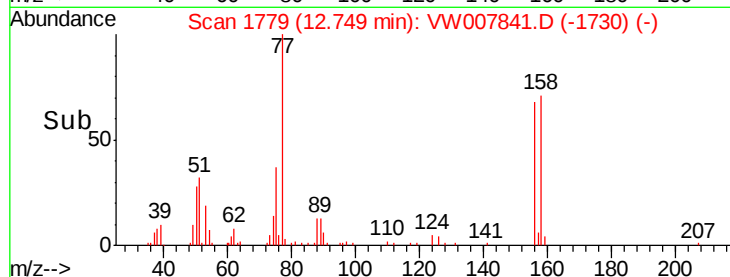
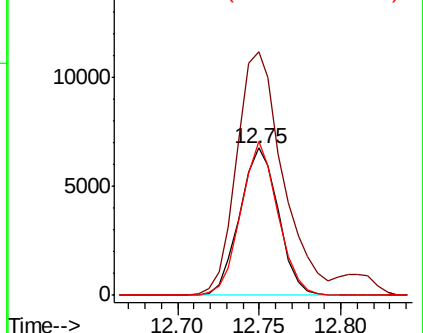
158 99.6 48.4 145.0



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: 53.075 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007841.D

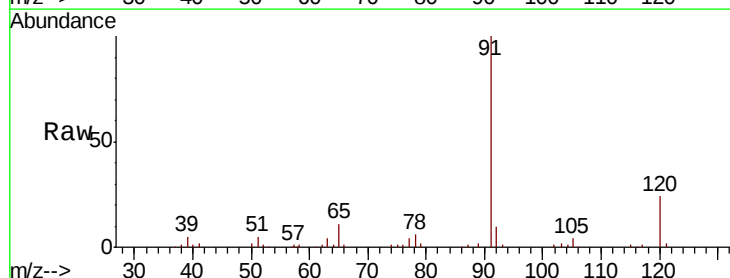
Acq: 22 Dec 2018 13:59

Tgt Ion: 91 Resp: 38953

Ion Ratio Lower Upper

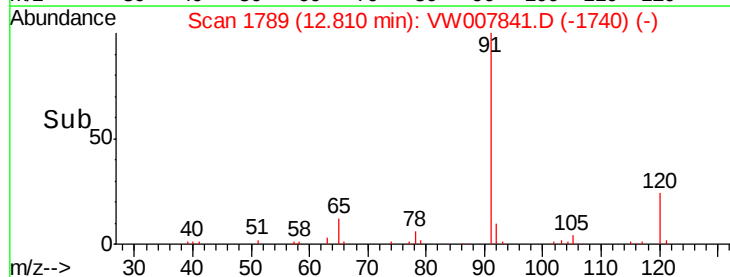
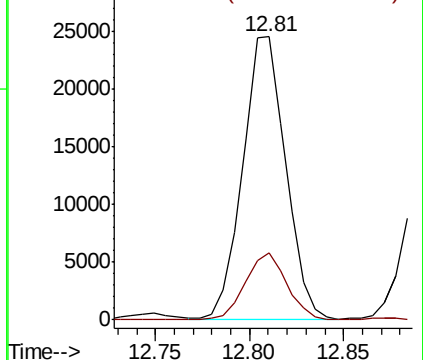
91 100

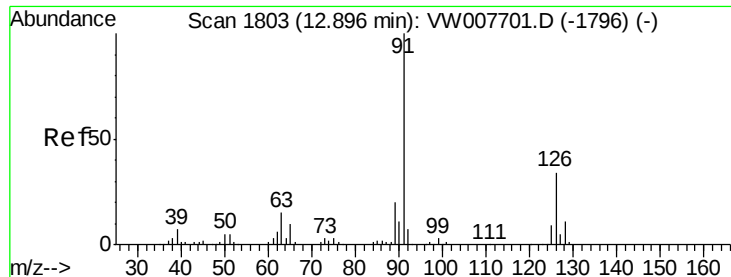
120 22.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

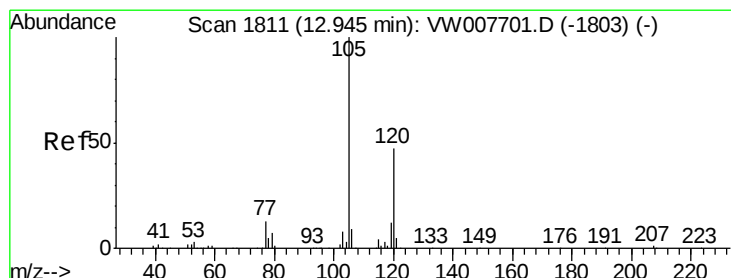
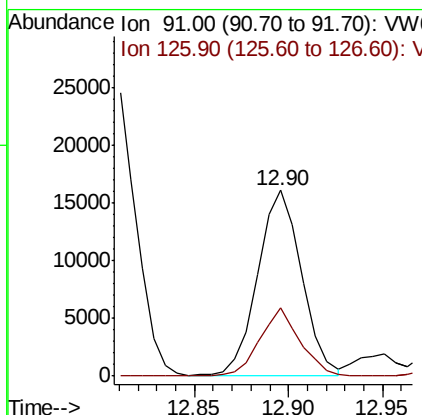
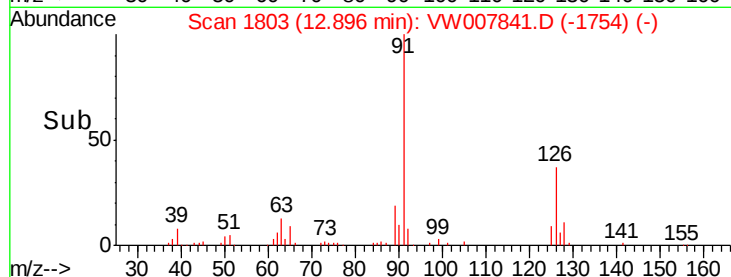
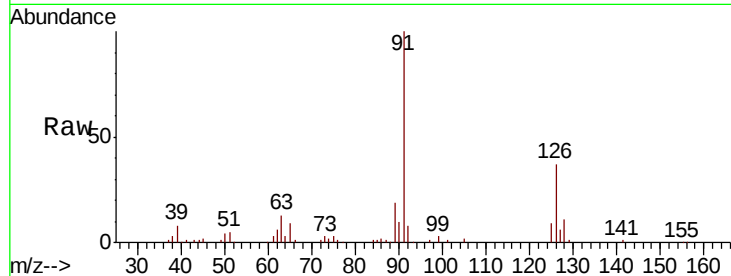




#79
2-Chlorotoluene
Concen: 61.198 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

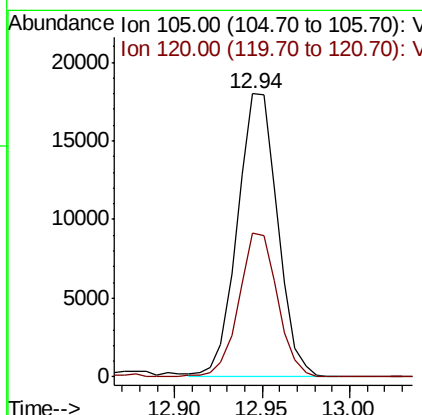
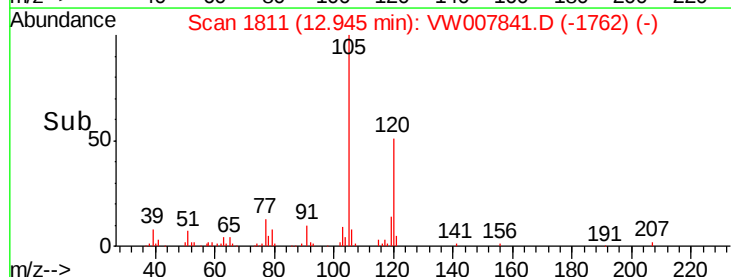
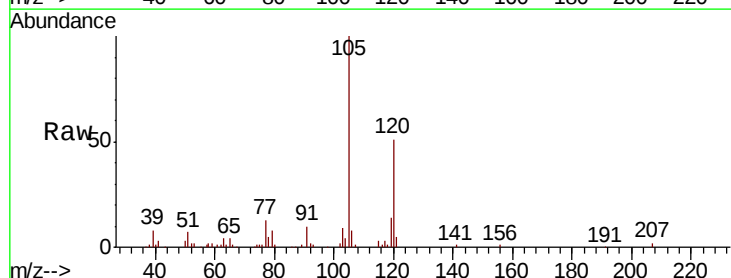
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

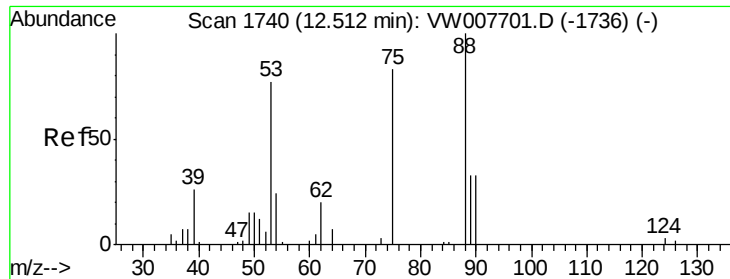
Tgt Ion: 91 Resp: 26165
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.056 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion: 105 Resp: 28854
Ion Ratio Lower Upper
105 100
120 48.7 23.6 70.8

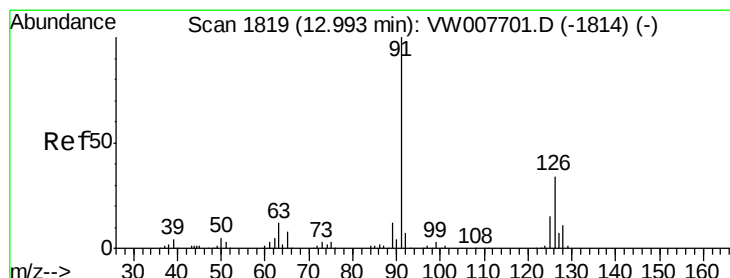
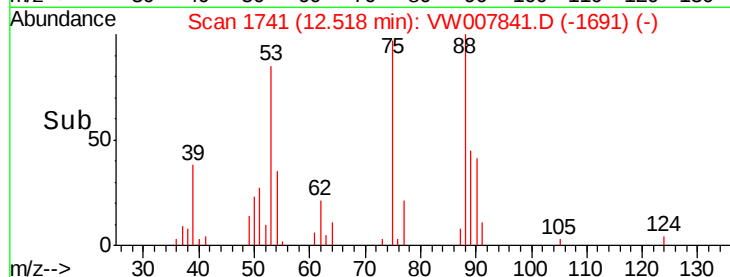
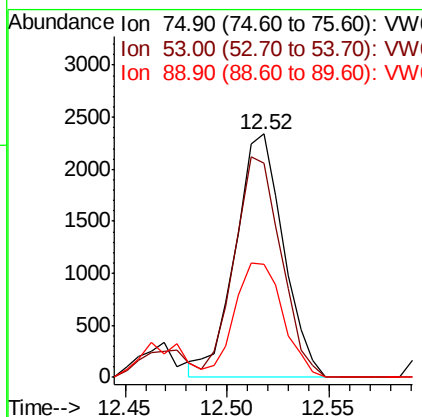
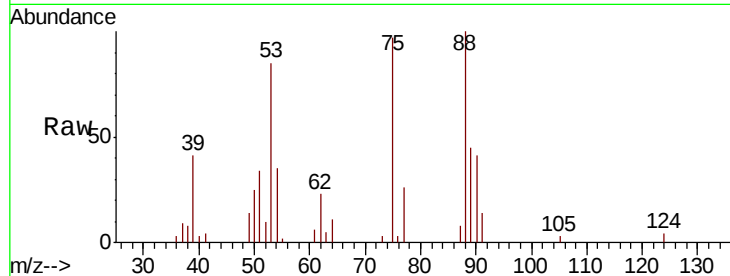




#81
trans-1,4-Dichloro-2-butene
Concen: 124.248 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

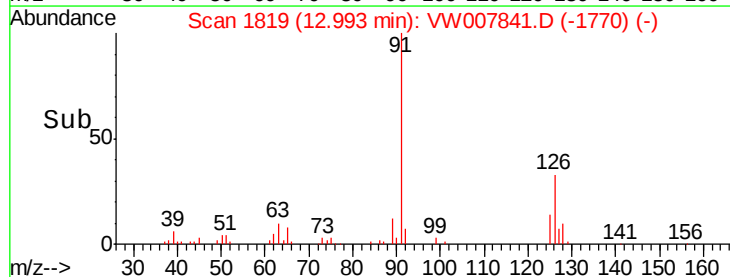
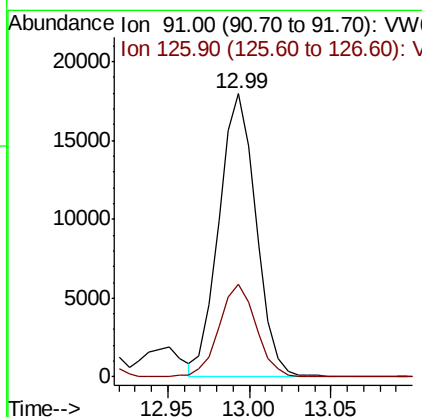
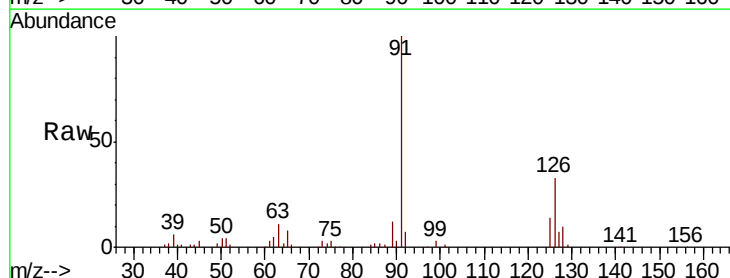
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

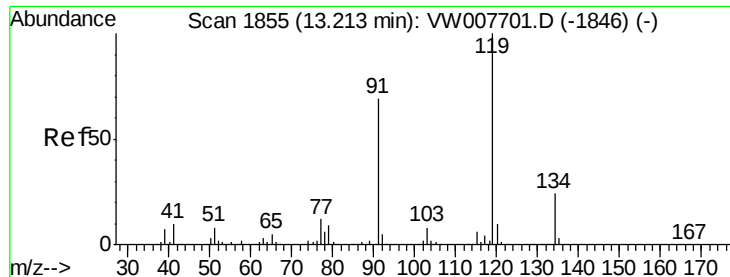
Tgt Ion: 75 Resp: 3816
Ion Ratio Lower Upper
75 100
53 87.9 80.2 120.2
89 47.6 39.2 58.8



#82
4-Chlorotoluene
Concen: 62.519 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion: 91 Resp: 28461
Ion Ratio Lower Upper
91 100
126 32.6 16.5 49.5

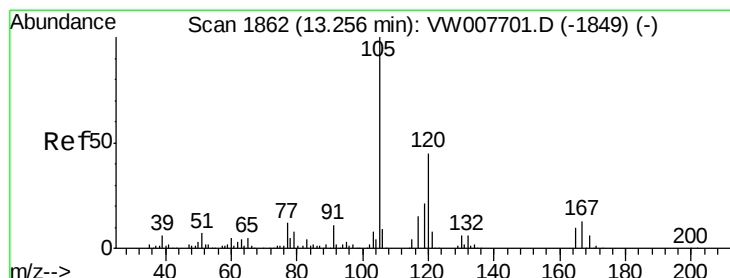
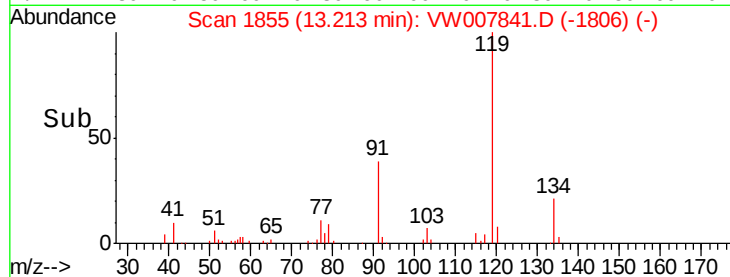
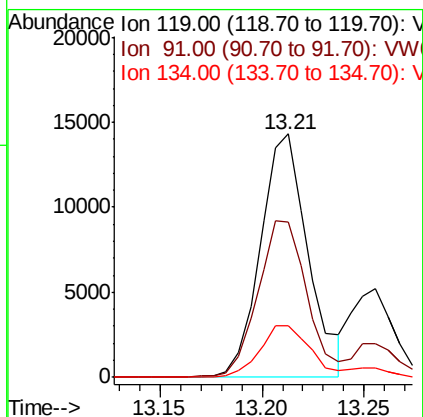
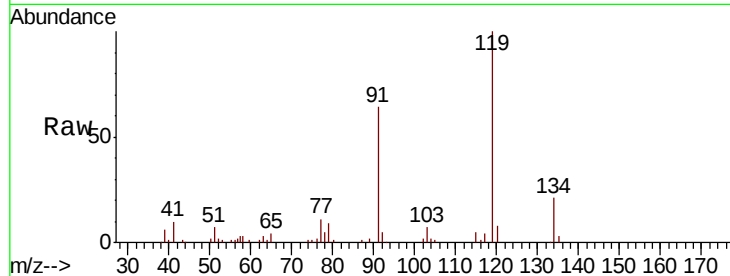




#83
tert-Butylbenzene
Concen: 48.789 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

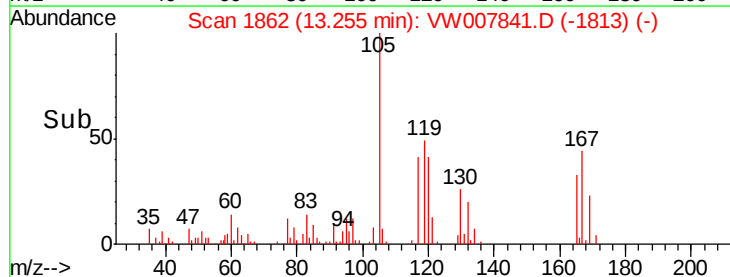
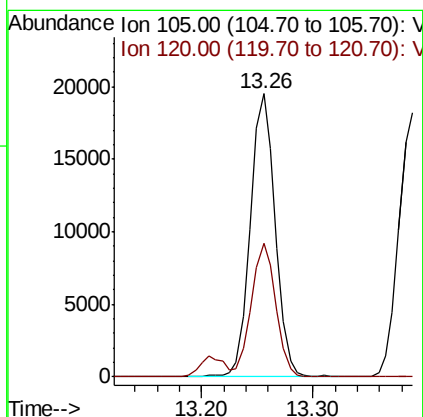
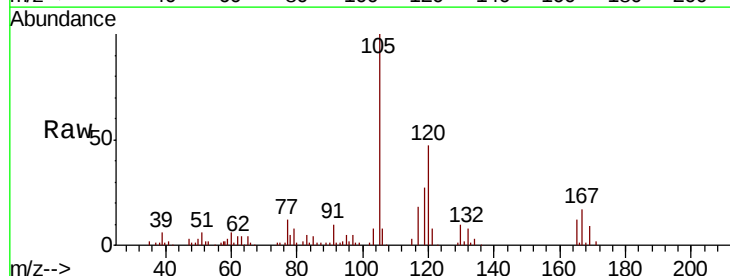
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MSD

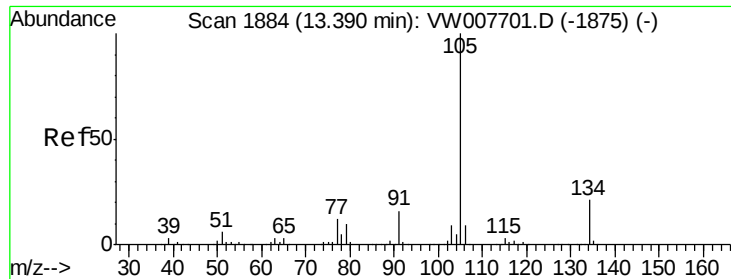
Tgt Ion:119 Resp: 23281
Ion Ratio Lower Upper
119 100
91 66.2 34.2 102.5
134 22.4 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 55.341 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion:105 Resp: 30369
Ion Ratio Lower Upper
105 100
120 46.5 22.0 66.0

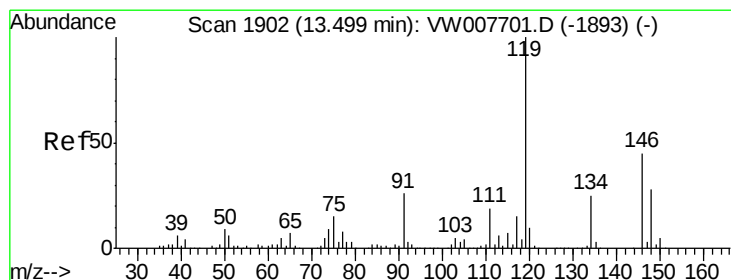
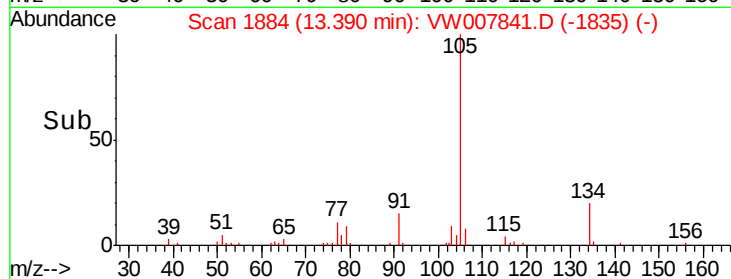
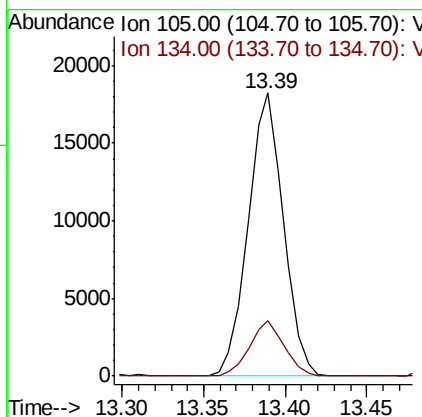
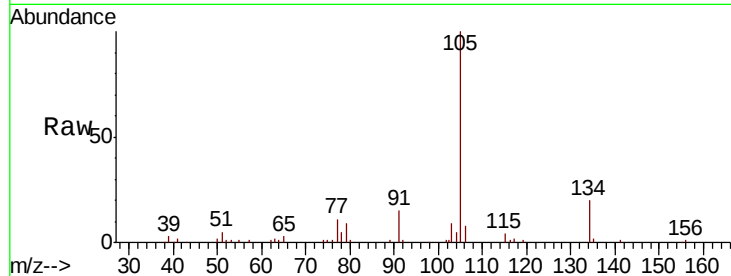




#85
 sec-Butylbenzene
 Concen: 41.597 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

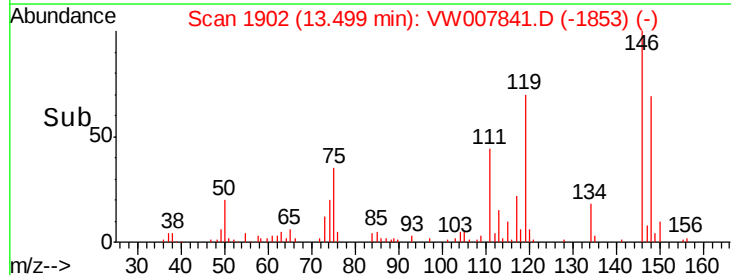
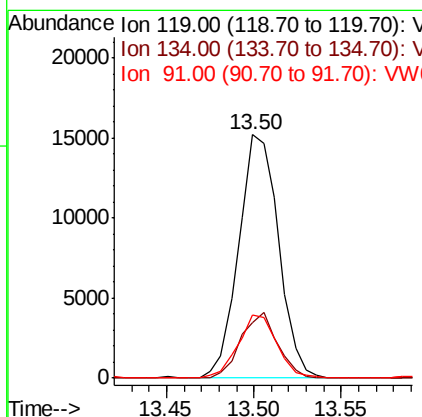
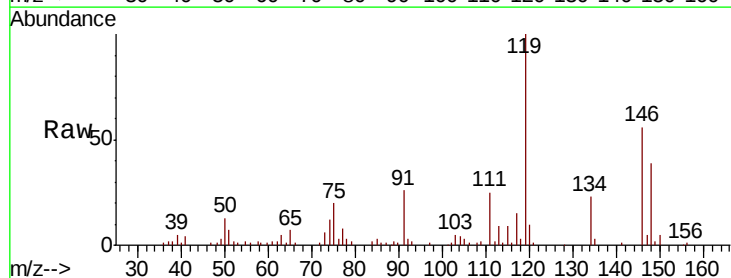
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

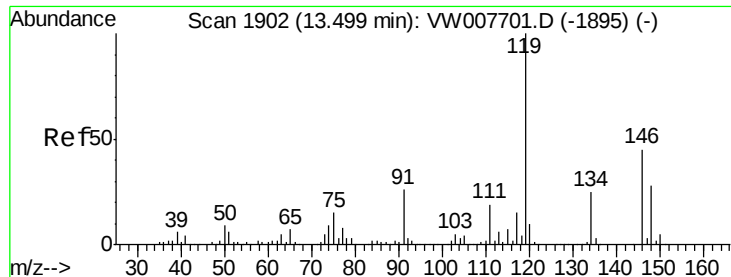
Tgt Ion:105 Resp: 27356
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 40.279 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion:119 Resp: 24087
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.0 39.0
 91 25.3 12.8 38.4

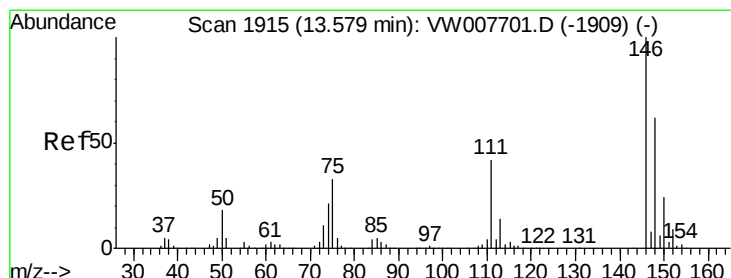
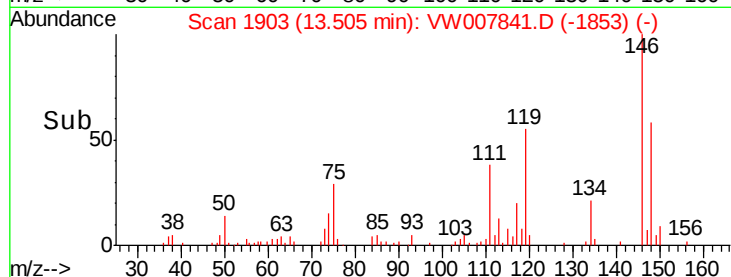
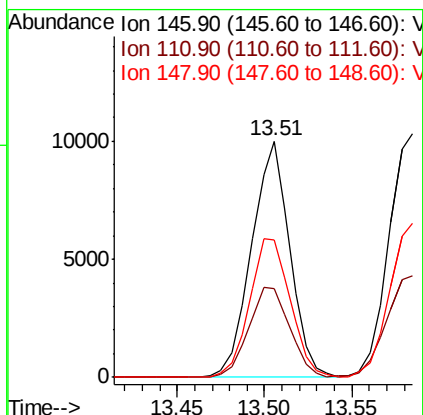
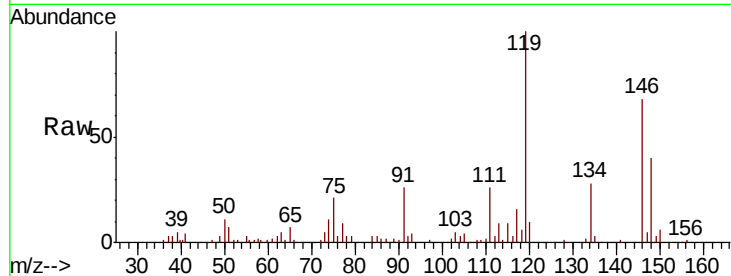




#87
 1,3-Dichlorobenzene
 Concen: 52.958 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

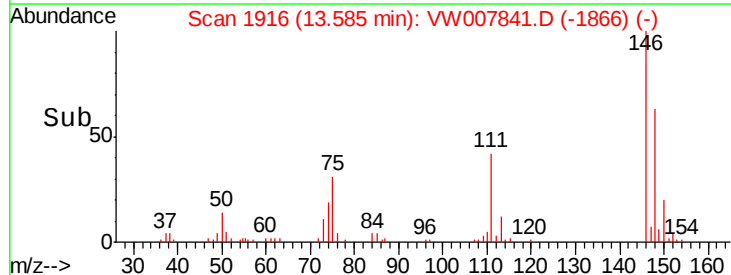
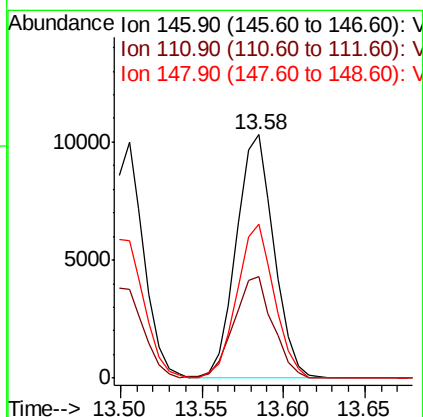
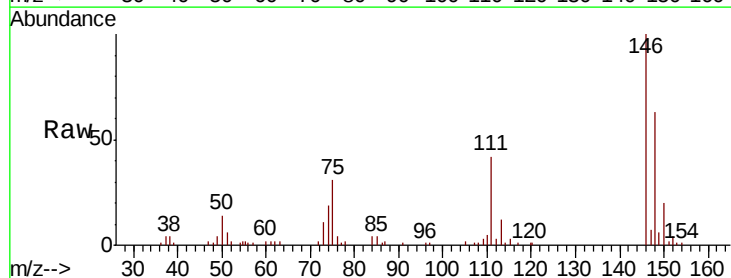
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

Tgt Ion:146 Resp: 15193
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.1 63.4
 148 62.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 57.553 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion:146 Resp: 16516
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.0 63.0
 148 62.7 31.8 95.4





#89

n-Butylbenzene

Concen: 33.502 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007841.D

Acq: 22 Dec 2018 13:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MSD

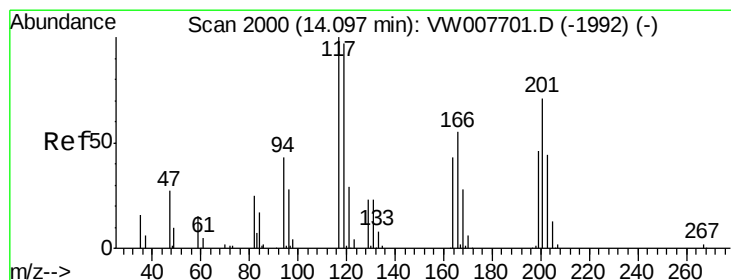
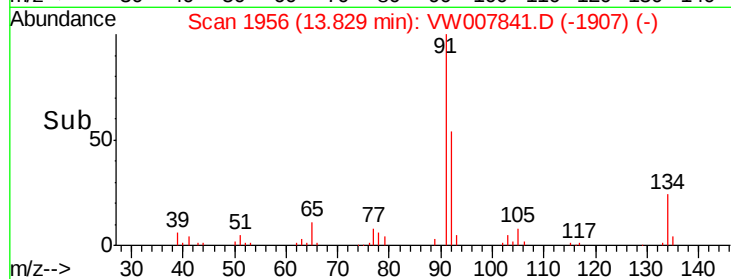
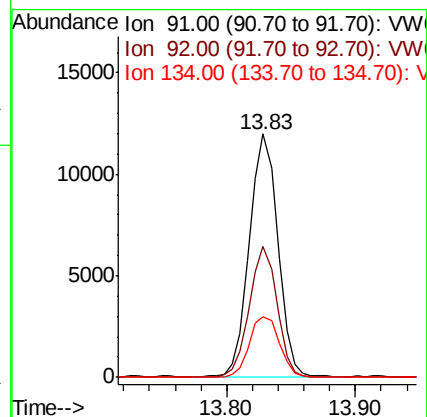
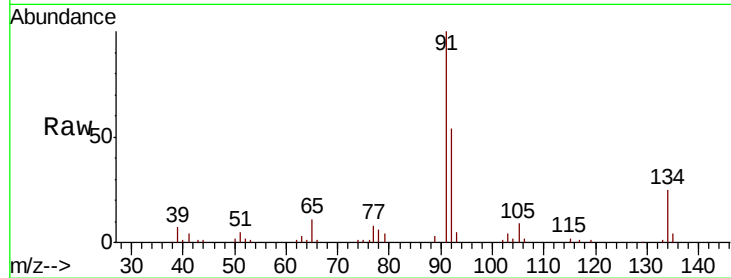
Tgt Ion: 91 Resp: 18369

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.2

134 26.2 13.7 41.0



#90

Hexachloroethane

Concen: 31.033 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007841.D

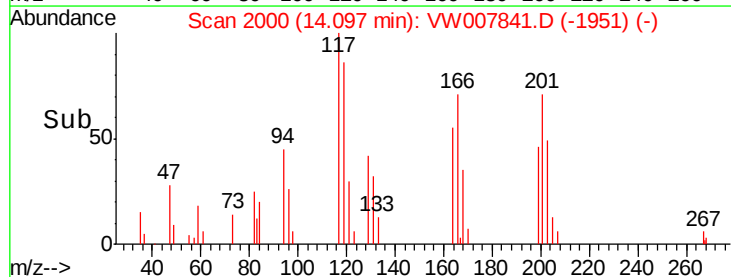
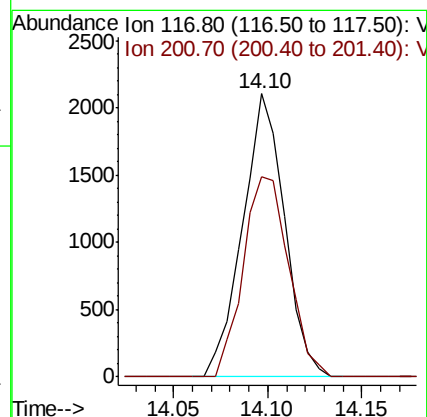
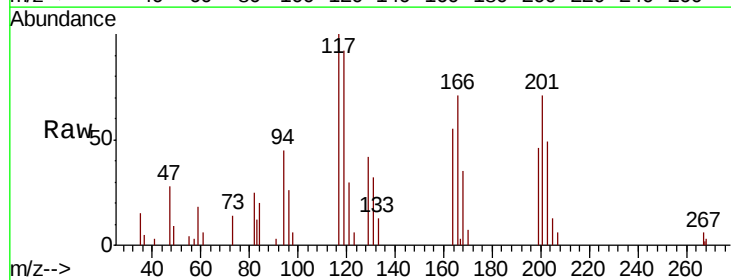
Acq: 22 Dec 2018 13:59

Tgt Ion: 117 Resp: 3258

Ion Ratio Lower Upper

117 100

201 76.5 36.2 108.6

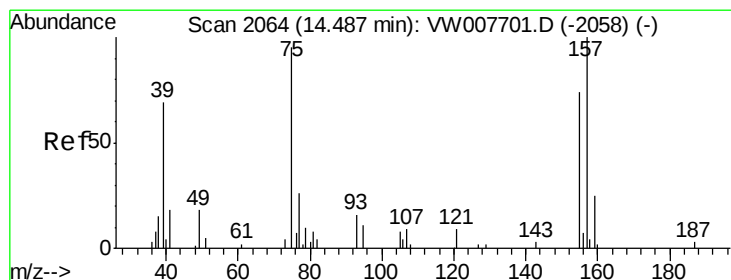
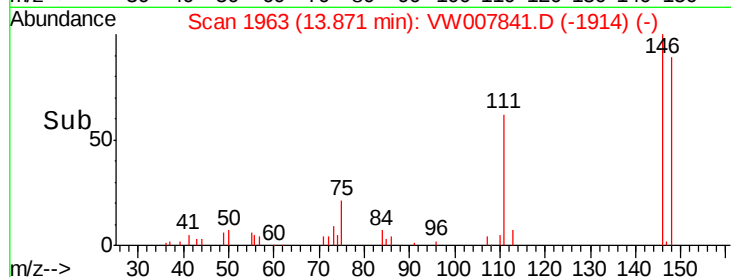
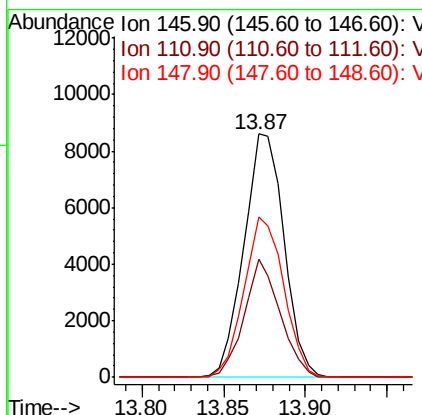
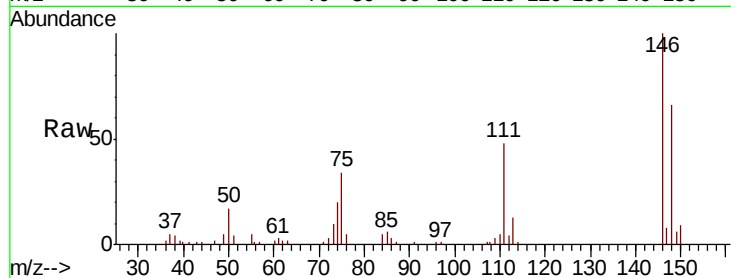




#91
 1,2-Dichlorobenzene
 Concen: 57.448 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

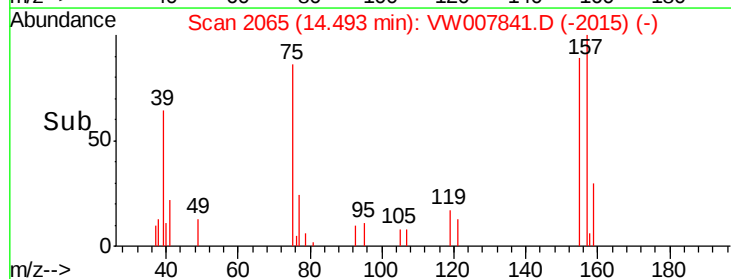
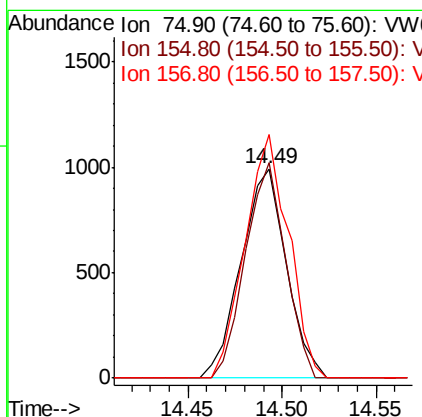
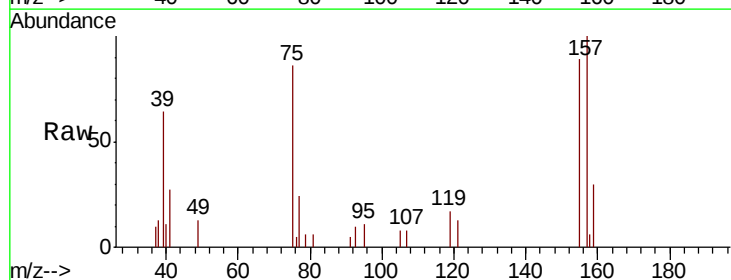
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

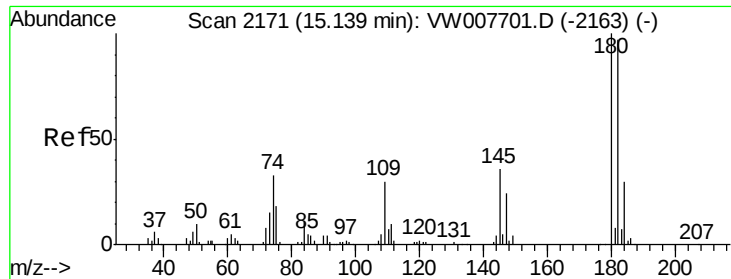
Tgt Ion:146 Resp: 14756
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.7 65.1
 148 64.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 85.354 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion: 75 Resp: 1657
 Ion Ratio Lower Upper
 75 100
 155 90.9 39.4 118.1
 157 111.1 52.0 156.0

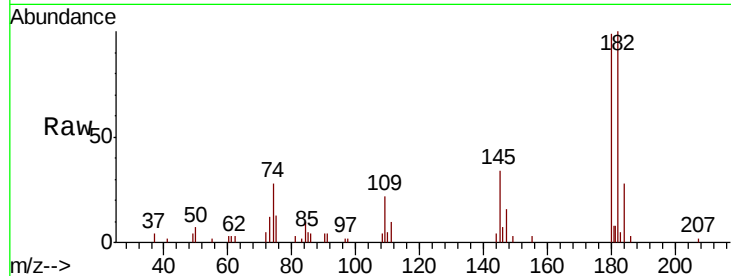




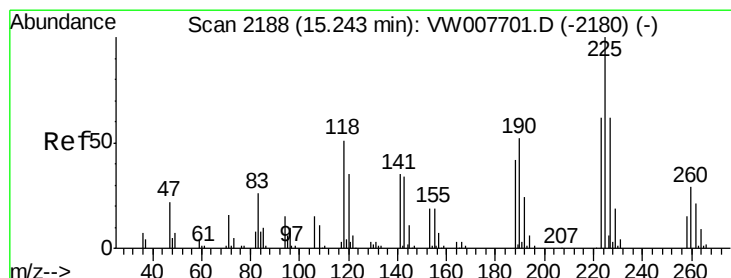
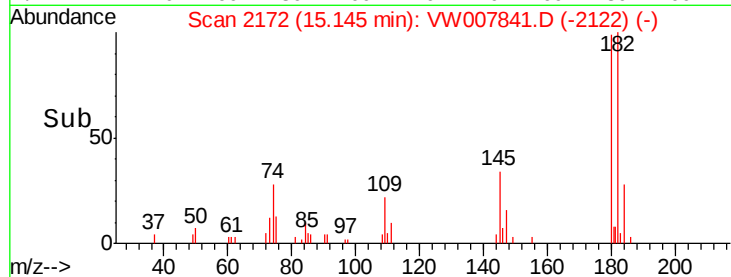
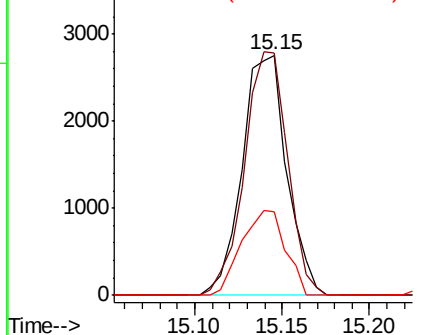
#93
 1,2,4-Trichlorobenzene
 Concen: 27.516 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

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

Tgt Ion:180 Resp: 4906
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.5 142.6
 145 34.6 17.5 52.5

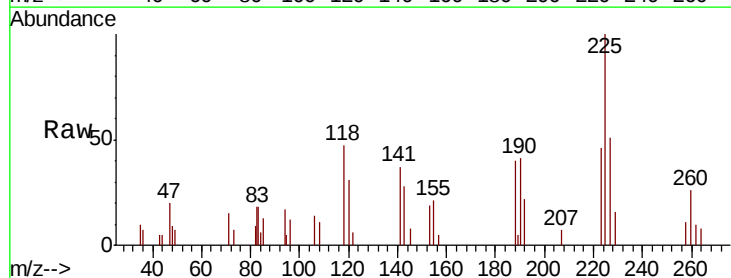


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

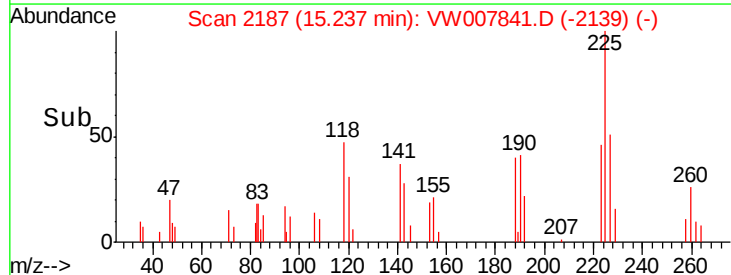
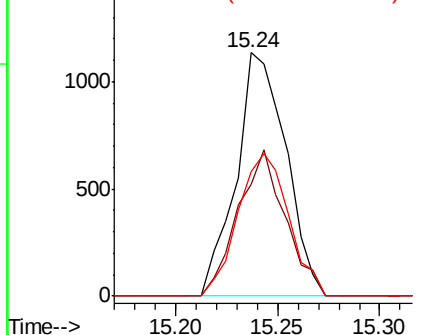


#94
 Hexachlorobutadiene
 Concen: 20.181 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW007841.D
 Acq: 22 Dec 2018 13:59

Tgt Ion:225 Resp: 1923
 Ion Ratio Lower Upper
 225 100
 223 57.0 31.6 94.8
 227 59.8 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

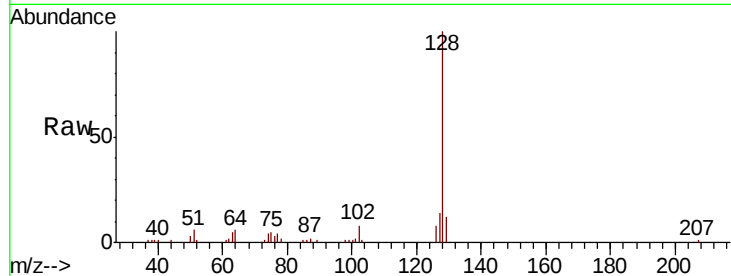




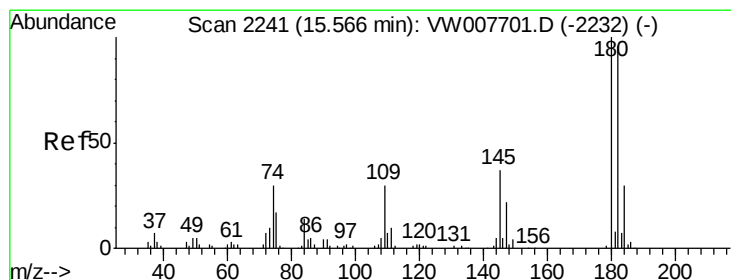
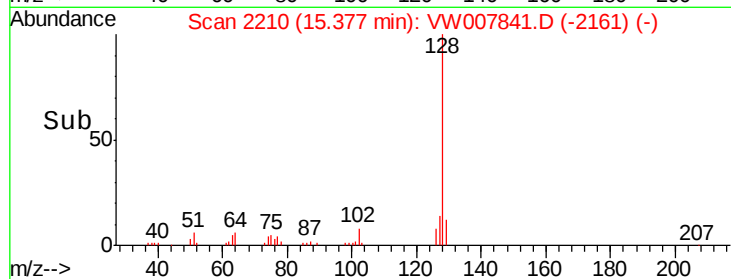
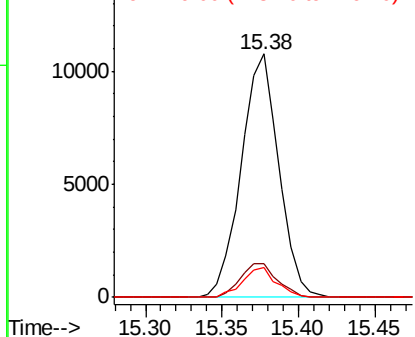
#95
Naphthalene
Concen: 55.636 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

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

Tgt Ion:128 Resp: 18340
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.8 13.2

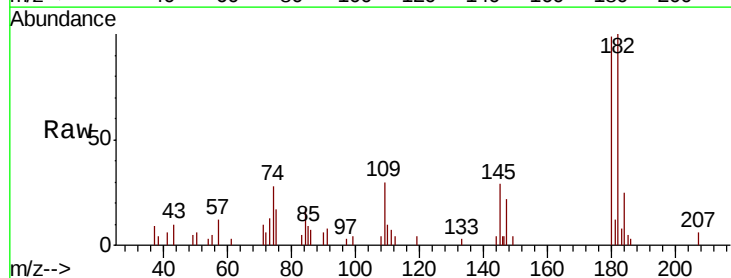


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 23.679 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007841.D
Acq: 22 Dec 2018 13:59

Tgt Ion:180 Resp: 3614
Ion Ratio Lower Upper
180 100
182 98.6 47.4 142.2
145 40.3 18.4 55.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

