

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007283.D
 Acq On : 06 Dec 2018 17:22
 Operator : SY/AP
 Sample : VW1206SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 17:55:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64504	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	45855	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
35) Dibromofluoromethane	7.88	113	43791	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	
50) Toluene-d8	10.32	98	189193	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	66406	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	23826	22.742	ug/l	98
3) Chloromethane	2.22	50	24895	18.764	ug/l	99
4) Vinyl Chloride	2.36	62	17343	20.878	ug/l	100
5) Bromomethane	2.75	94	10498	25.220	ug/l	97
6) Chloroethane	2.91	64	9534	20.455	ug/l	98
7) Trichlorofluoromethane	3.26	101	34937	21.572	ug/l	97
8) Diethyl Ether	3.69	74	8703	19.279	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20687	21.145	ug/l	99
10) Methyl Iodide	4.27	142	13272	15.925	ug/l	99
11) Tert butyl alcohol	5.17	59	7298	72.305	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	18400	20.069	ug/l	97
13) Acrolein	3.90	56	5201	83.258	ug/l	97
14) Allyl chloride	4.67	41	27910	18.992	ug/l	95
15) Acrylonitrile	5.37	53	17161	90.934	ug/l	98
16) Acetone	4.12	43	18095	85.736	ug/l	96
17) Carbon Disulfide	4.38	76	60779	20.111	ug/l	97
18) Methyl Acetate	4.68	43	8929	18.534	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	41188	19.081	ug/l	97
20) Methylene Chloride	4.92	84	24638	20.058	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	20915	20.430	ug/l	98
22) Diisopropyl ether	6.31	45	53135	20.141	ug/l	95
23) Vinyl Acetate	6.26	43	137195	95.307	ug/l	99
24) 1,1-Dichloroethane	6.22	63	34262	20.262	ug/l	100
25) 2-Butanone	7.17	43	20866	85.287	ug/l	95
26) 2,2-Dichloropropane	7.17	77	34011	20.931	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	21948	19.999	ug/l	98
28) Bromochloromethane	7.52	49	12195	20.001	ug/l	98
29) Tetrahydrofuran	7.53	42	13305	88.004	ug/l	99
30) Chloroform	7.68	83	36299	20.656	ug/l	99
31) Cyclohexane	7.95	56	34406	19.447	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	35127	21.240	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29957	21.616	ug/l	99
37) Ethyl Acetate	7.26	43	9608	19.166	ug/l	97
38) Carbon Tetrachloride	8.07	117	30116	21.291	ug/l	93

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 17:55:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37147	20.023	ug/l	98
40) Benzene	8.32	78	79213	20.845	ug/l	98
41) Methacrylonitrile	7.49	41	6045	20.132	ug/l	97
42) 1,2-Dichloroethane	8.40	62	22703	21.376	ug/l	100
43) Isopropyl Acetate	8.43	43	18444	18.944	ug/l	99
44) Trichloroethene	9.09	130	22934	21.470	ug/l	97
45) 1,2-Dichloropropane	9.37	63	18565	20.993	ug/l	90
46) Dibromomethane	9.46	93	9427	20.515	ug/l	98
47) Bromodichloromethane	9.65	83	25437	21.044	ug/l	95
48) Methyl methacrylate	9.44	41	9962	19.714	ug/l	99
49) 1,4-Dioxane	9.45	88	3353	417.694	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	44552	92.855	ug/l	99
52) Toluene	10.39	92	56161	21.245	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	24327	20.018	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	29950	21.029	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13232	20.244	ug/l	96
56) Ethyl methacrylate	10.65	69	15921	18.673	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22349	20.252	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	36183	105.653	ug/l	98
59) 2-Hexanone	10.97	43	30100	86.540	ug/l	98
60) Dibromochloromethane	11.13	129	16075	20.010	ug/l	96
61) 1,2-Dibromoethane	11.23	107	12974	20.695	ug/l	92
64) Tetrachloroethene	10.87	164	20778	21.621	ug/l	91
65) Chlorobenzene	11.66	112	57915	19.715	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.73	131	18990	20.932	ug/l	99
67) Ethyl Benzene	11.73	91	106787	19.945	ug/l	100
68) m/p-Xylenes	11.84	106	85897	40.895	ug/l	100
69) o-Xylene	12.16	106	39914	20.339	ug/l	93
70) Styrene	12.18	104	64144	19.968	ug/l	96
71) Bromoform	12.35	173	8666	19.082	ug/l #	97
73) Isopropylbenzene	12.47	105	110272	21.019	ug/l	99
74) N-amyl acetate	12.27	43	16905	18.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13210	19.388	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	10689	21.401	ug/l #	100
77) Bromobenzene	12.75	156	23319	20.592	ug/l	98
78) n-propylbenzene	12.81	91	130933	20.948	ug/l	99
79) 2-Chlorotoluene	12.90	91	73419	20.801	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	94343	21.021	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4058	17.512	ug/l	90
82) 4-Chlorotoluene	12.99	91	80373	21.405	ug/l	97
83) tert-Butylbenzene	13.21	119	83453	21.277	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	94310	20.586	ug/l	94
85) sec-Butylbenzene	13.39	105	118325	21.132	ug/l	98
86) p-Isopropyltoluene	13.50	119	107477	21.562	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	47781	20.553	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49324	21.005	ug/l	98
89) n-Butylbenzene	13.83	91	96387	20.694	ug/l	99
90) Hexachloroethane	14.10	117	15345	20.202	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	43939	21.833	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2295	17.388	ug/l	96

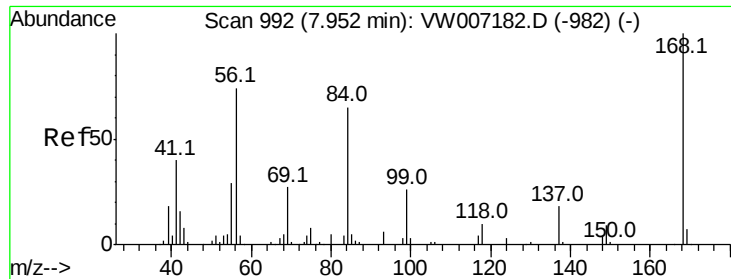
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007283.D
Acq On : 06 Dec 2018 17:22
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Quant Time: Dec 06 17:55:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	28777	20.633	ug/l	98
94) Hexachlorobutadiene	15.24	225	16860	22.417	ug/l	97
95) Naphthalene	15.38	128	47042	18.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	23461	19.949	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

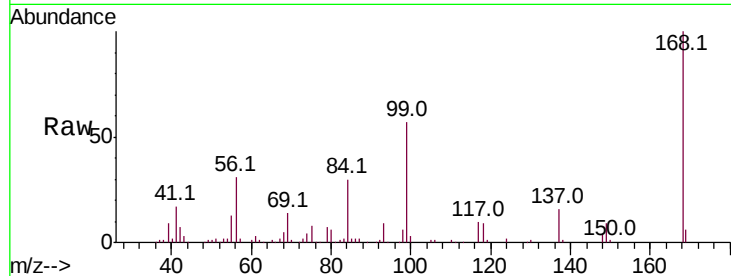
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 95756

Ion Ratio Lower Upper

168 100

99 56.9 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW007182.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VW007182.D (-982) (-)

7.95

40000

30000

20000

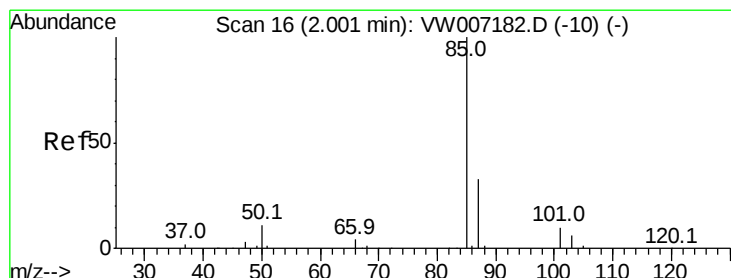
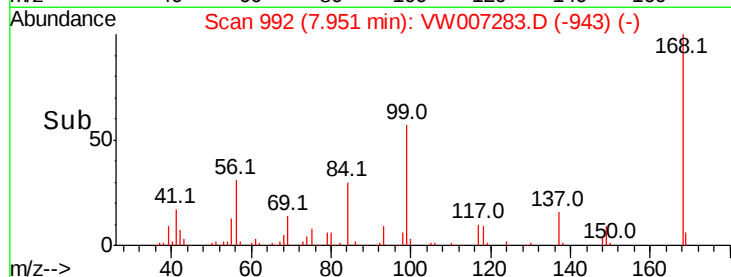
10000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 22.742 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007283.D

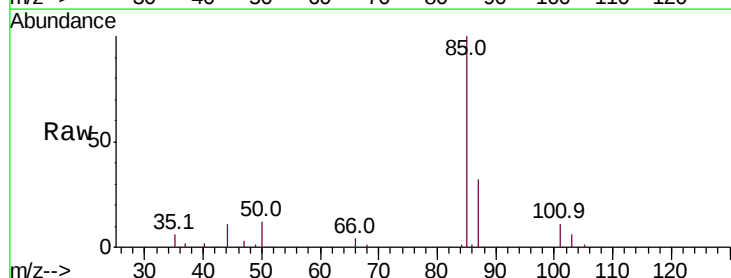
Acq: 06 Dec 2018 17:22

Tgt Ion: 85 Resp: 23826

Ion Ratio Lower Upper

85 100

87 31.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW007182.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW007182.D (-10) (-)

2.00

15000

10000

5000

0

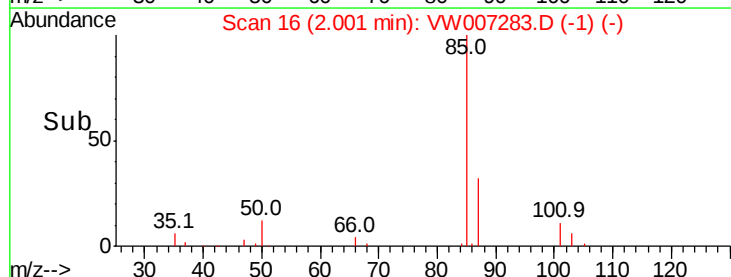
Time-->

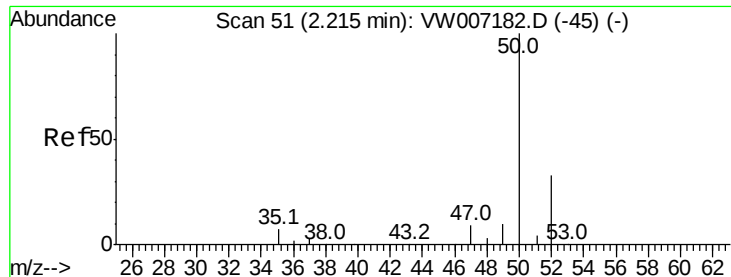
1.95

2.00

2.05

2.10





#3

Chloromethane

Concen: 18.764 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

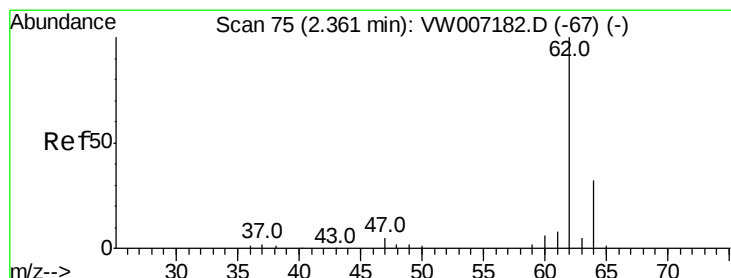
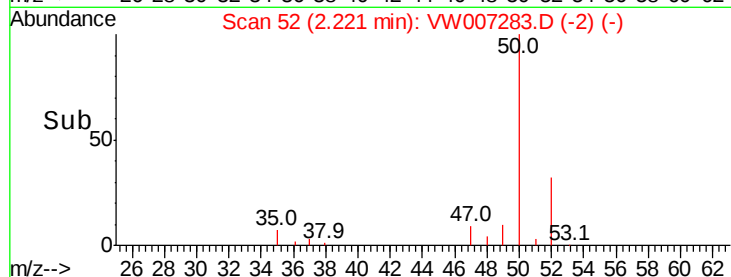
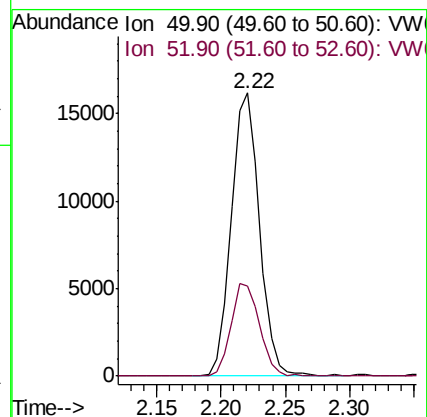
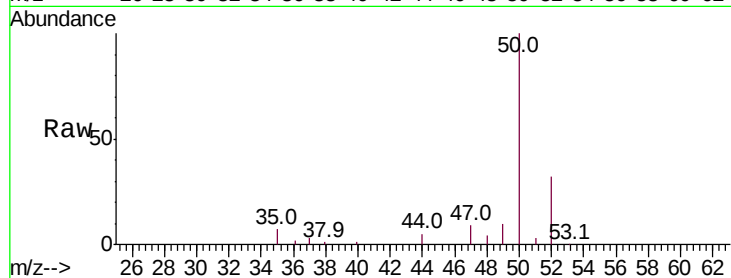
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 24895

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 20.878 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007283.D

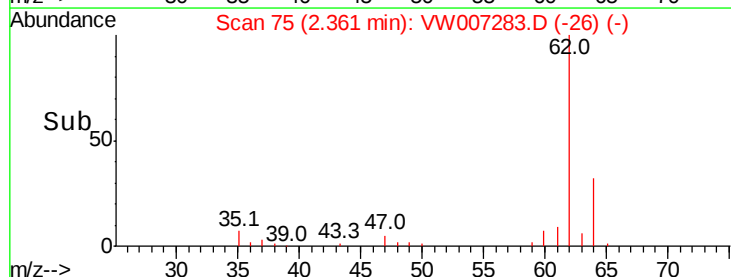
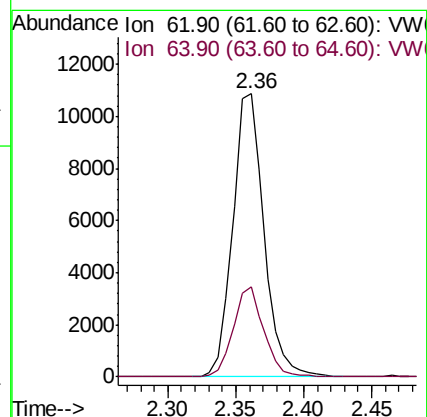
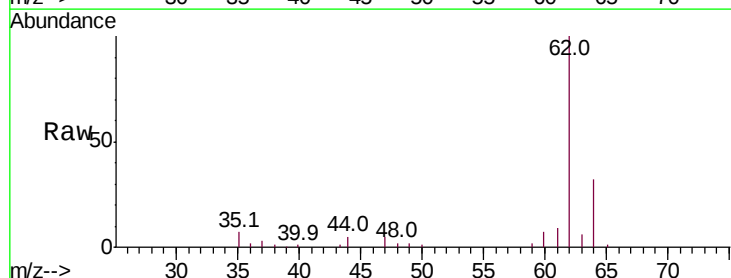
Acq: 06 Dec 2018 17:22

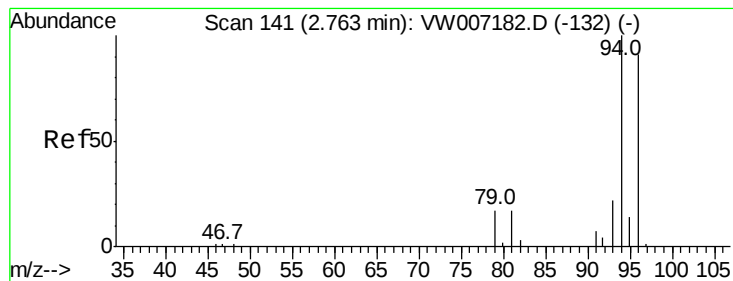
Tgt Ion: 62 Resp: 17343

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 25.220 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

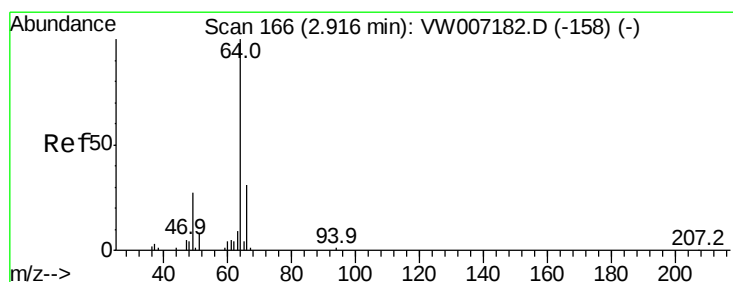
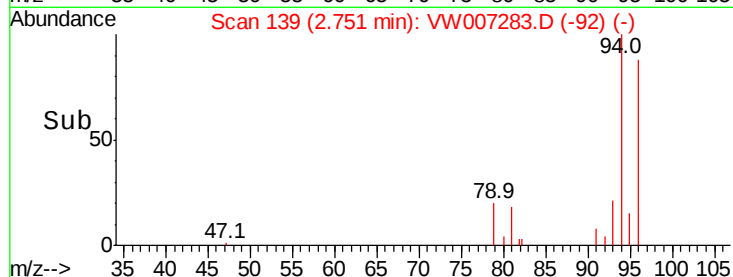
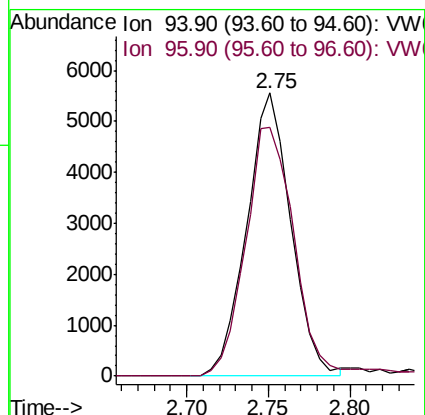
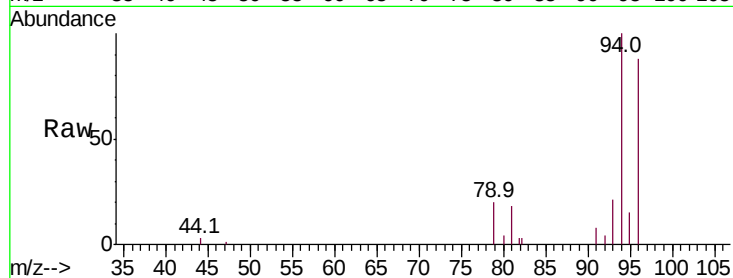
ClientSampled :

Tot Ion: 94 Resp: 10498

Ion Ratio Lower Upper

94 100

96 87.9 72.8 109.2



#6

Chloroethane

Concen: 20.455 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007283.D

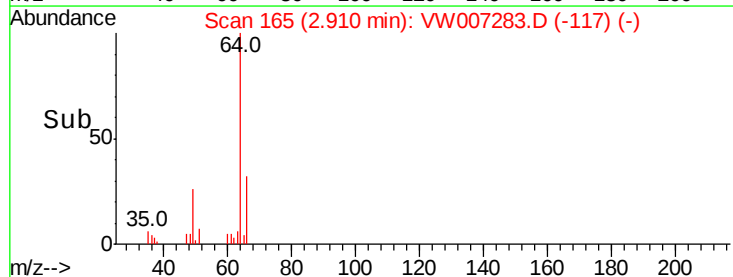
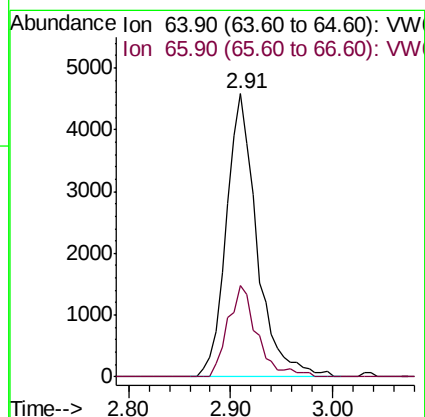
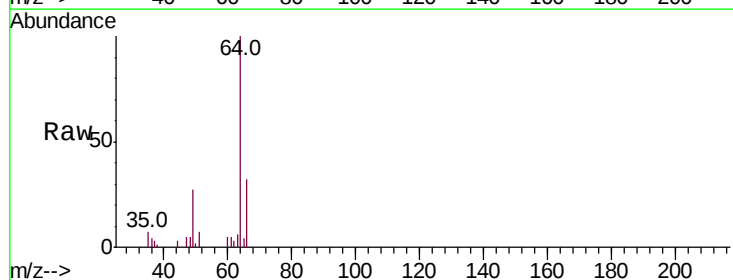
Acq: 06 Dec 2018 17:22

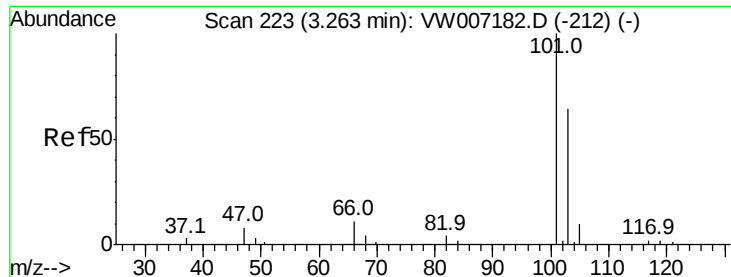
Tgt Ion: 64 Resp: 9534

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.6



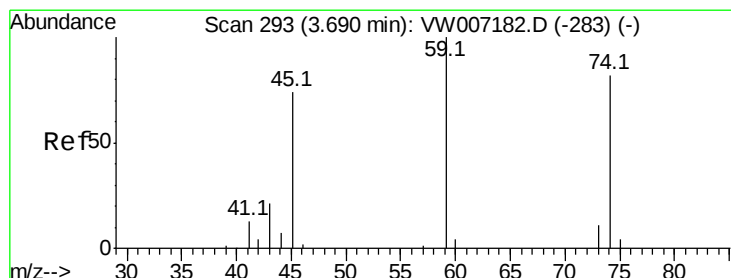
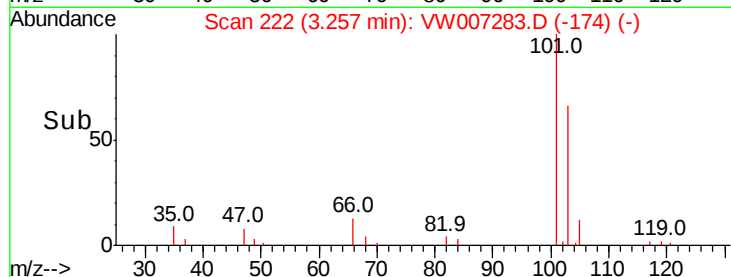
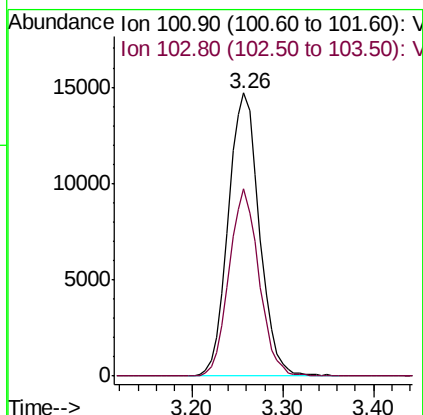
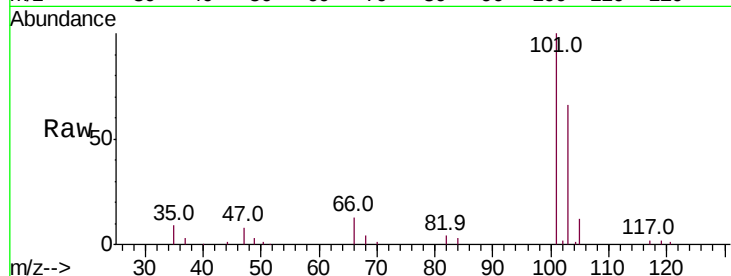


#7

Trichlorofluoromethane
Concen: 21.572 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Instrument :
MSVOA_W
ClientSampleId :

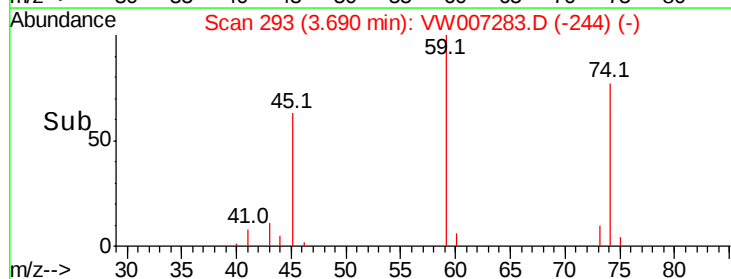
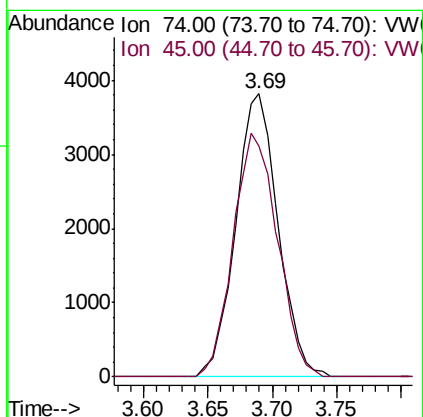
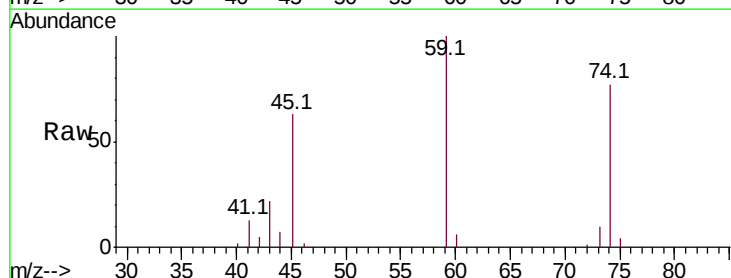
Tot Ion:101 Resp: 34937
Ion Ratio Lower Upper
101 100
103 66.2 50.9 76.3

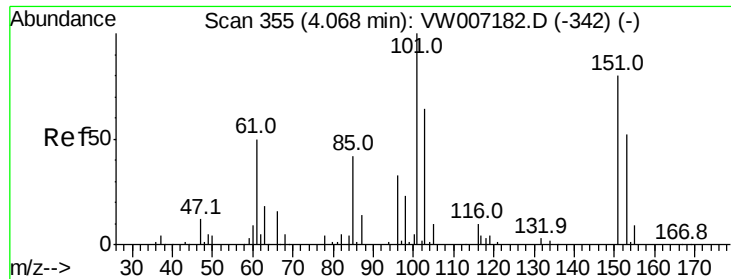


#8

Diethyl Ether
Concen: 19.279 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 74 Resp: 8703
Ion Ratio Lower Upper
74 100
45 90.1 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.145 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

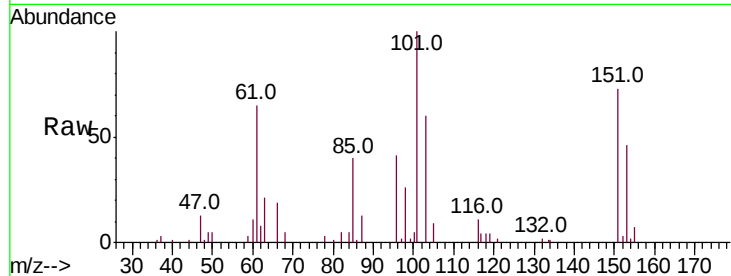
Tot Ion:101 Resp: 20687

Ion Ratio Lower Upper

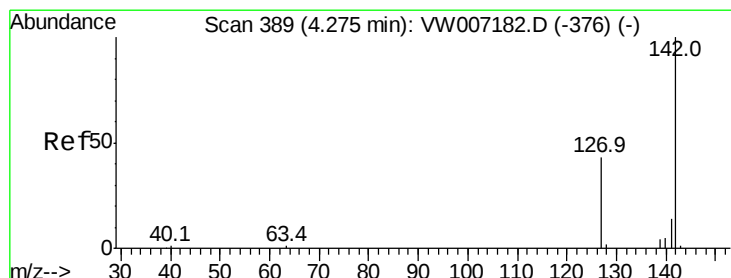
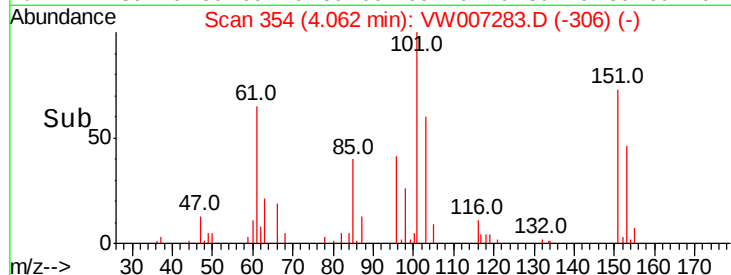
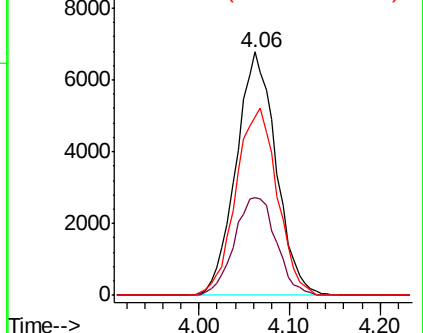
101 100

85 42.1 33.4 50.2

151 79.4 63.9 95.9



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: 15.925 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

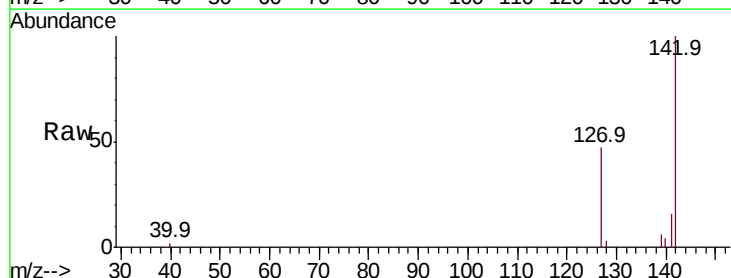
Tgt Ion:142 Resp: 13272

Ion Ratio Lower Upper

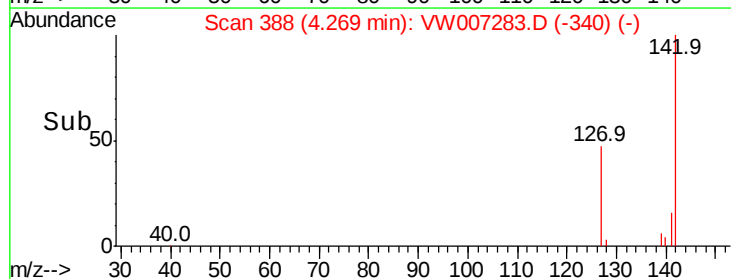
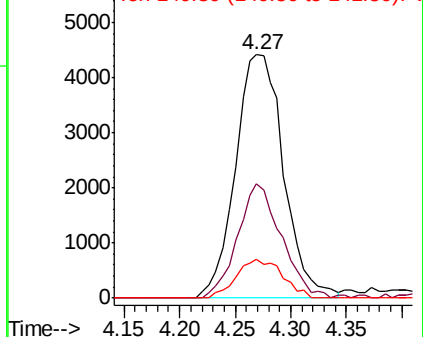
142 100

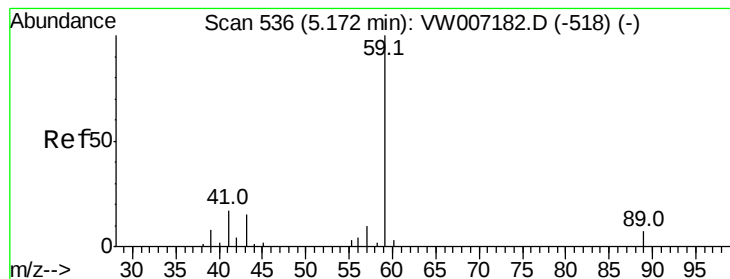
127 42.8 34.9 52.3

141 15.3 11.7 17.5



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: 72.305 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

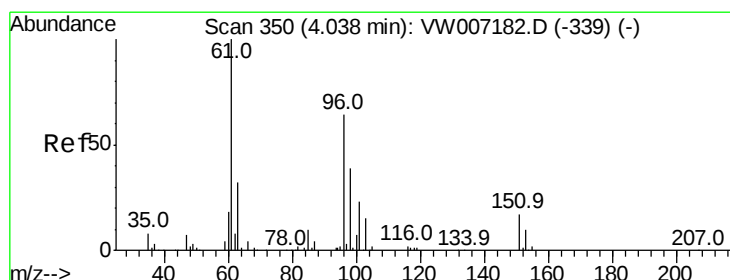
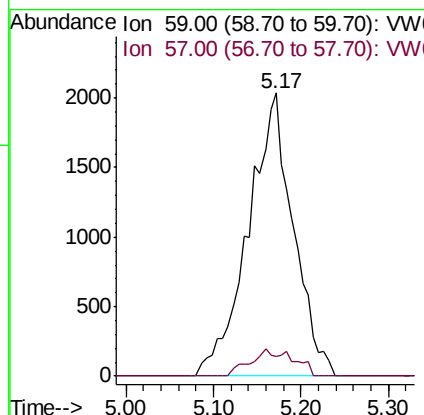
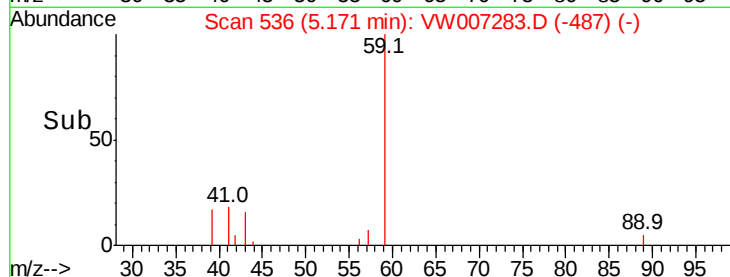
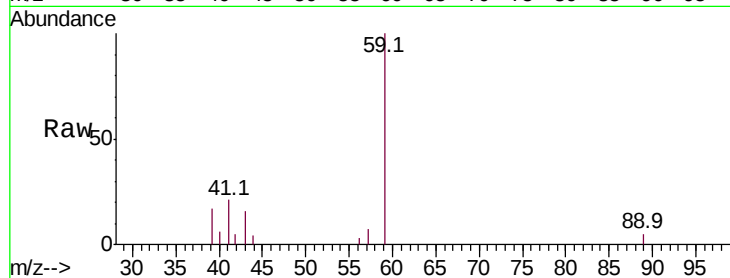
ClientSampleId :

Tot Ion: 59 Resp: 7298

Ion Ratio Lower Upper

59 100

57 5.3 7.1 10.7#



#12

1,1-Dichloroethene

Concen: 20.069 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

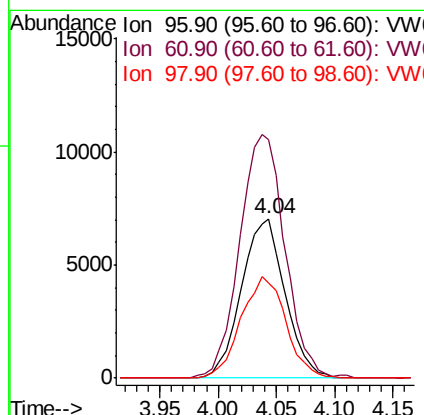
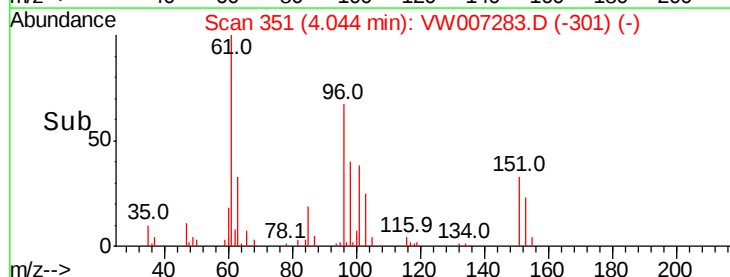
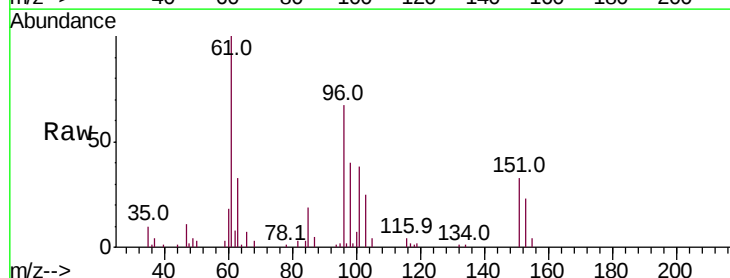
Tgt Ion: 96 Resp: 18400

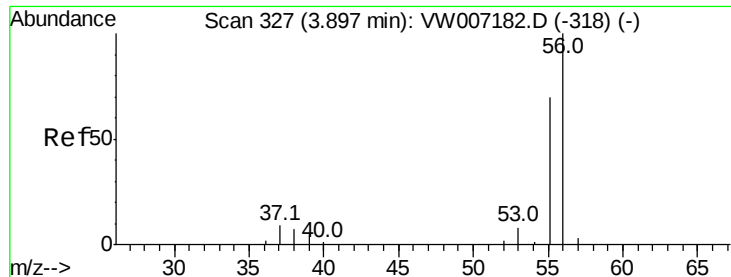
Ion Ratio Lower Upper

96 100

61 149.9 124.1 186.1

98 60.0 48.6 72.8

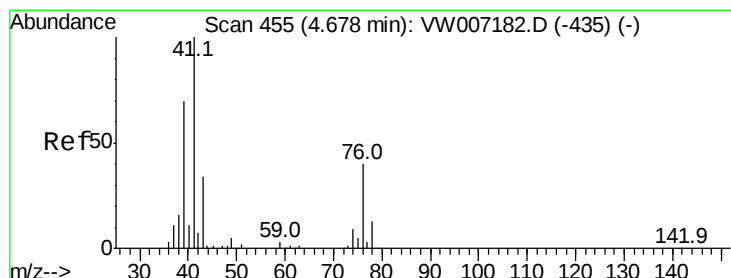
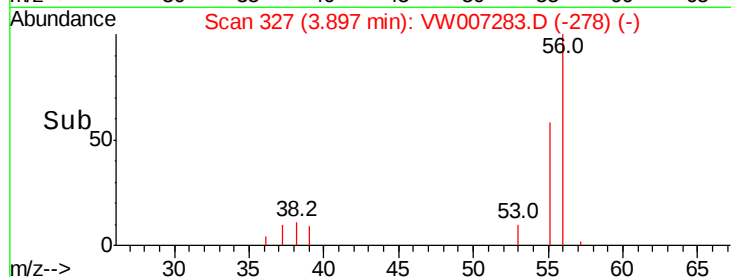
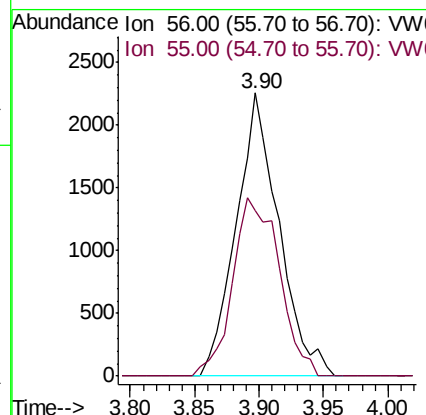
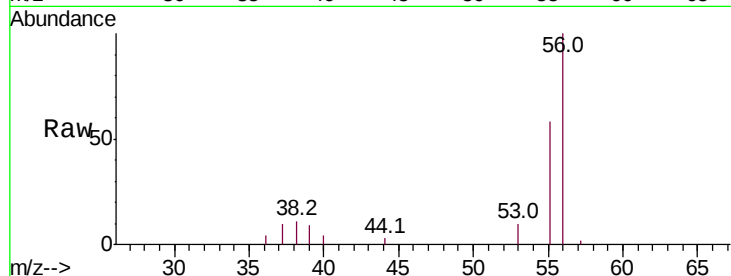




#13
Acrolein
Concen: 83.258 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

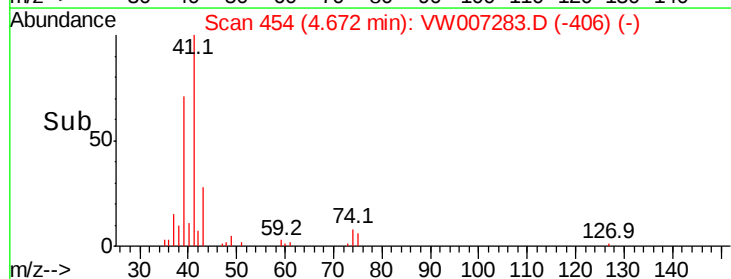
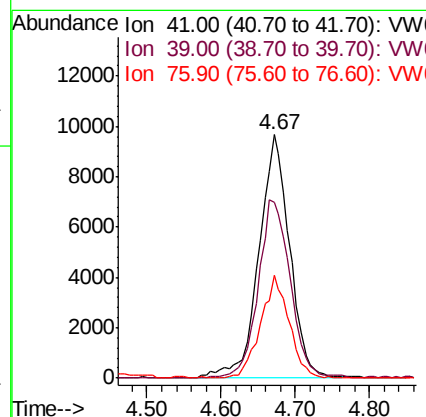
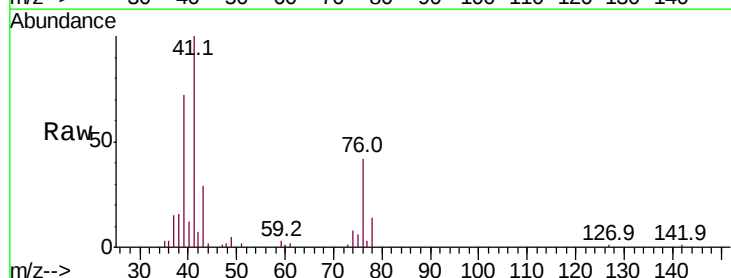
Instrument :
MSVOA_W
ClientSampled :

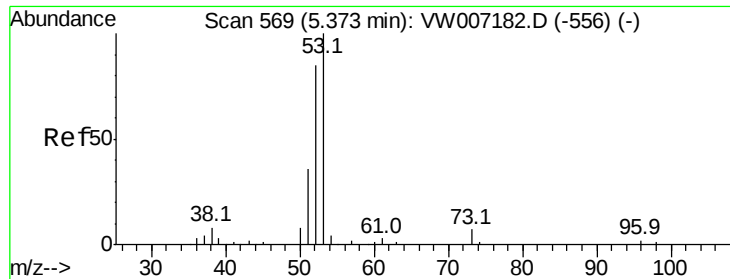
Tot Ion: 56 Resp: 5201
Ion Ratio Lower Upper
56 100
55 68.8 56.9 85.3



#14
Allyl chloride
Concen: 18.992 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 41 Resp: 27910
Ion Ratio Lower Upper
41 100
39 76.1 55.9 83.9
76 39.1 30.8 46.2





#15

Acrylonitrile

Concen: 90.934 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

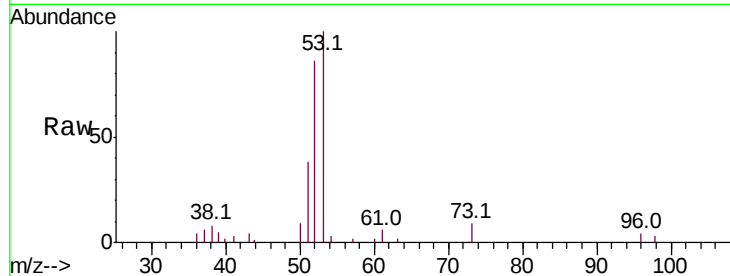
Tot Ion: 53 Resp: 17161

Ion Ratio Lower Upper

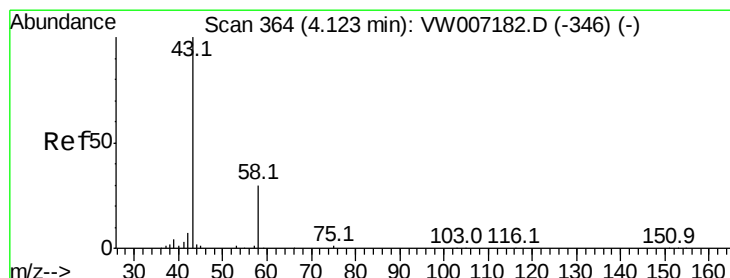
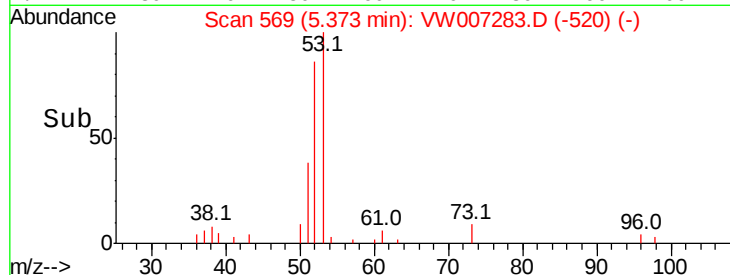
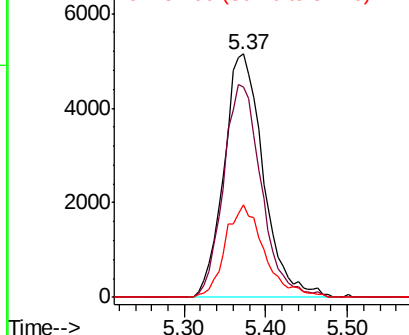
53 100

52 84.5 66.1 99.1

51 37.7 30.3 45.5



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: 85.736 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007283.D

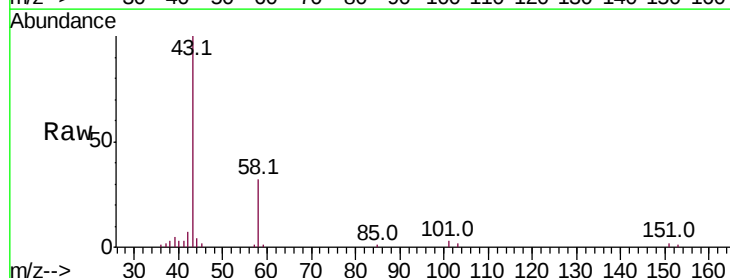
Acq: 06 Dec 2018 17:22

Tgt Ion: 43 Resp: 18095

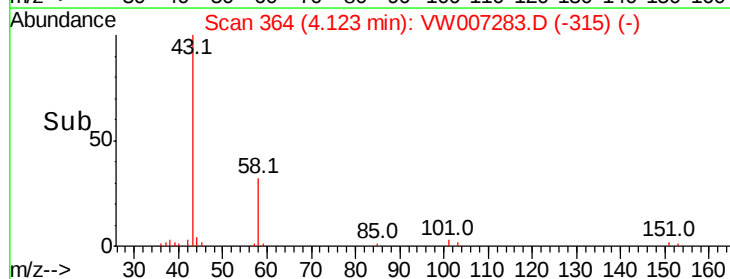
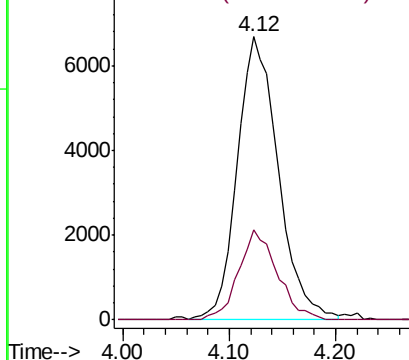
Ion Ratio Lower Upper

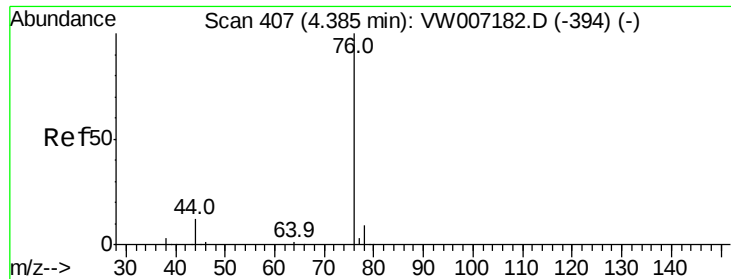
43 100

58 31.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

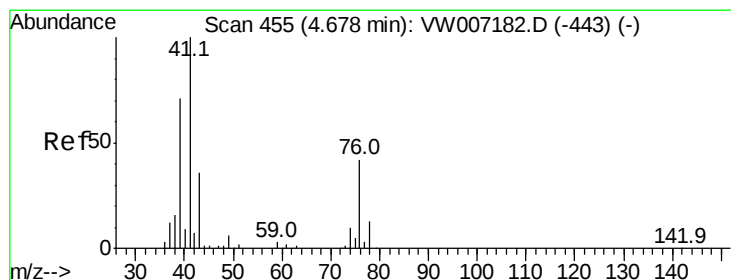
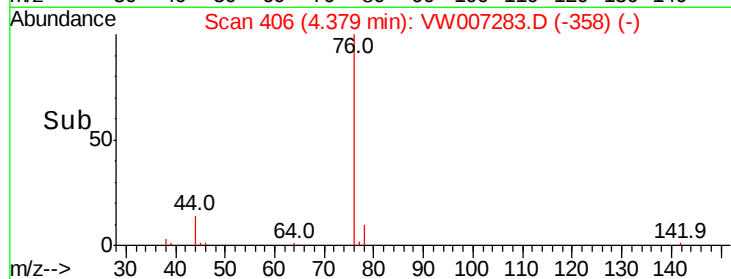
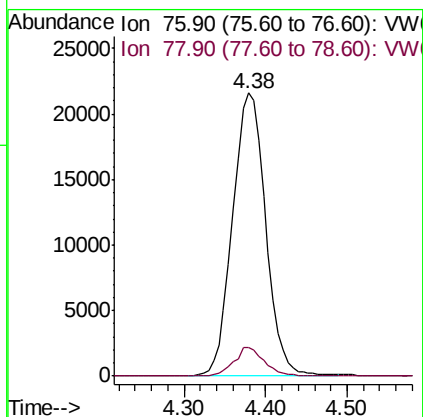
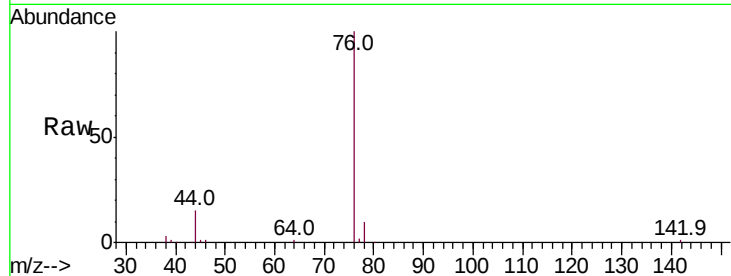




#17
Carbon Disulfide
Concen: 20.111 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

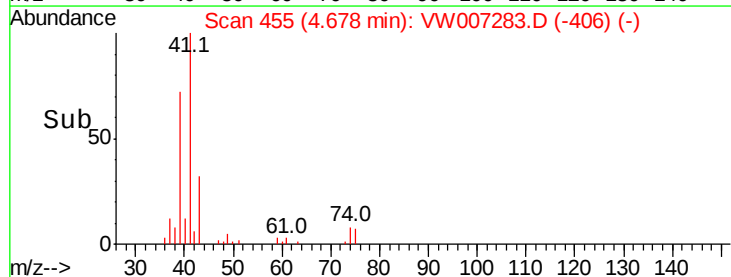
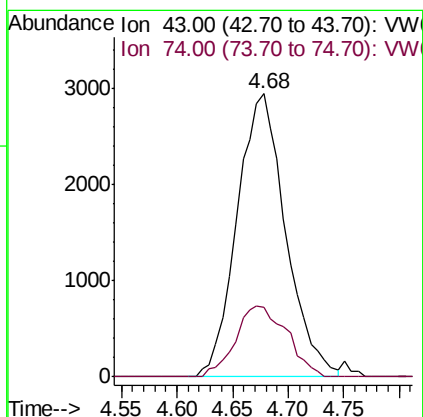
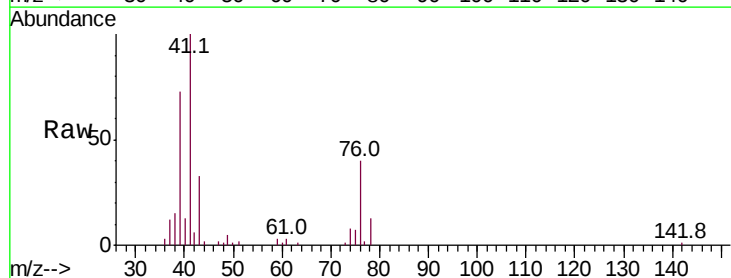
Instrument :
MSVOA_W
ClientSampleId :

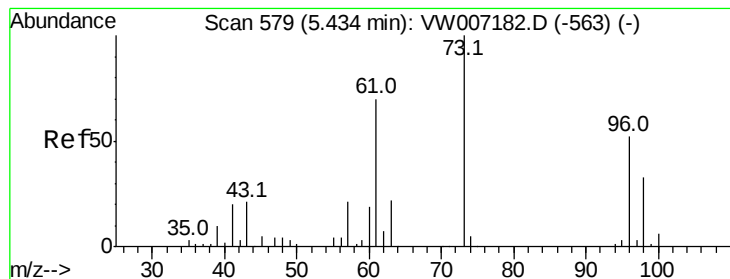
Tot Ion: 76 Resp: 60779
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 18.534 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 43 Resp: 8929
Ion Ratio Lower Upper
43 100
74 26.4 20.1 30.1



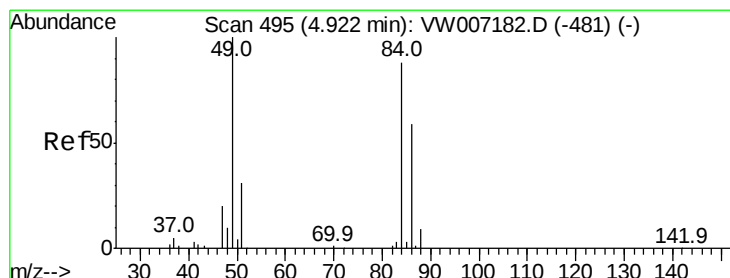
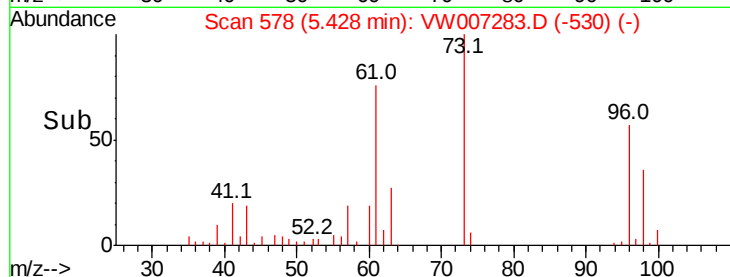
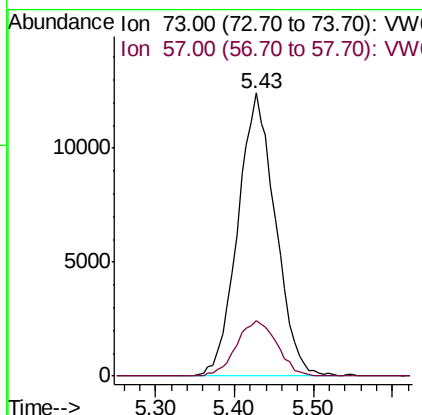
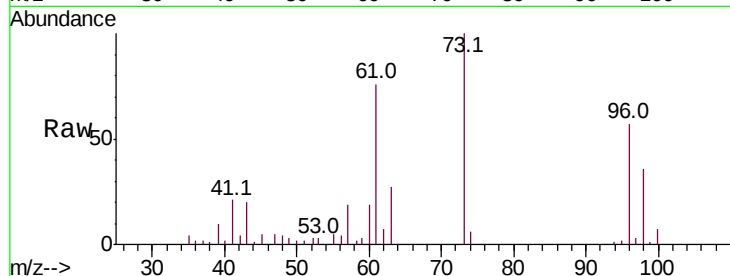


#19

Methyl tert-butyl Ether
 Concen: 19.081 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Instrument :
 MSVOA_W
 ClientSampled :

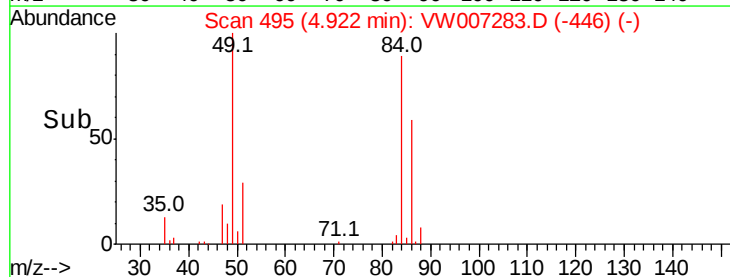
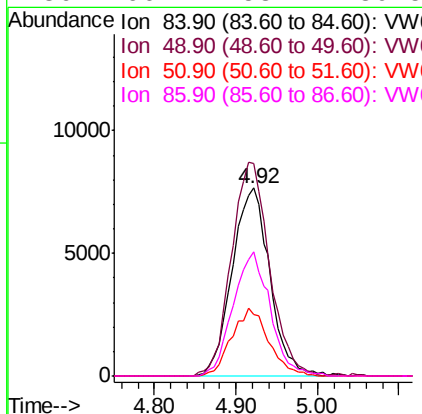
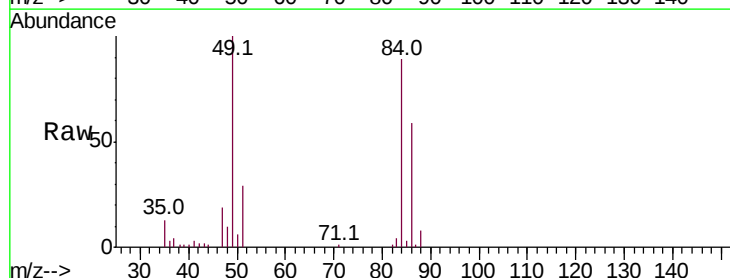
Tot Ion: 73 Resp: 41188
 Ion Ratio Lower Upper
 73 100
 57 19.5 16.6 25.0

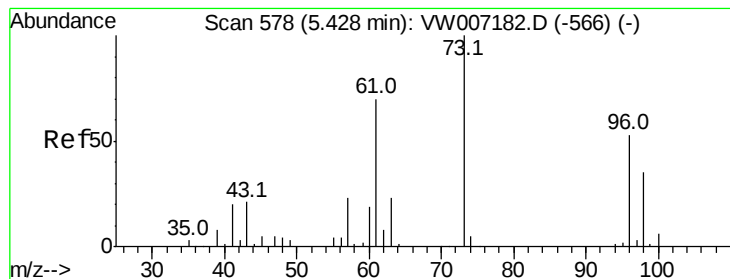


#20

Methylene Chloride
 Concen: 20.058 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion: 84 Resp: 24638
 Ion Ratio Lower Upper
 84 100
 49 112.9 90.6 135.8
 51 33.0 27.6 41.4
 86 66.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.430 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

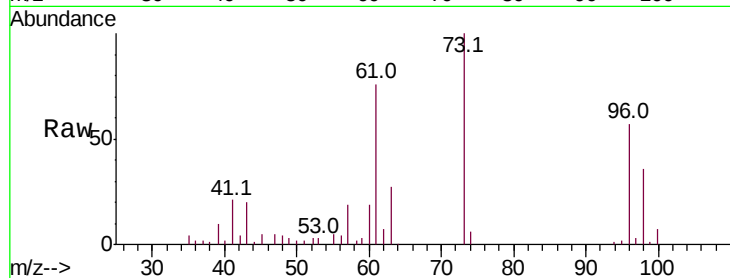
Tot Ion: 96 Resp: 20915

Ion Ratio Lower Upper

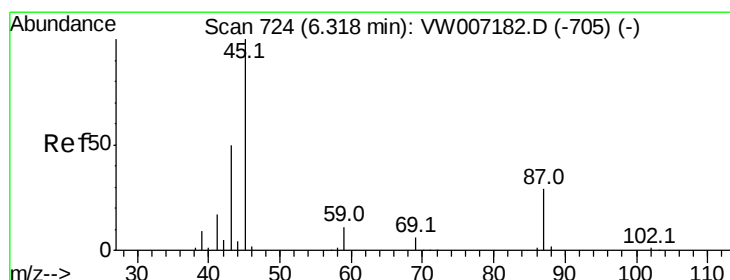
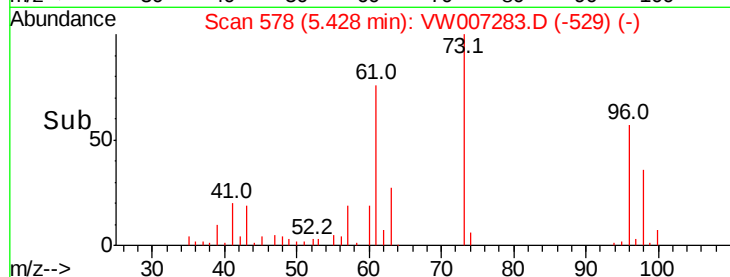
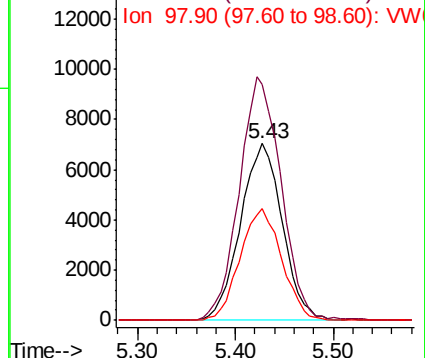
96 100

61 133.8 105.5 158.3

98 63.1 52.6 79.0



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: 20.141 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Tgt Ion: 45 Resp: 53135

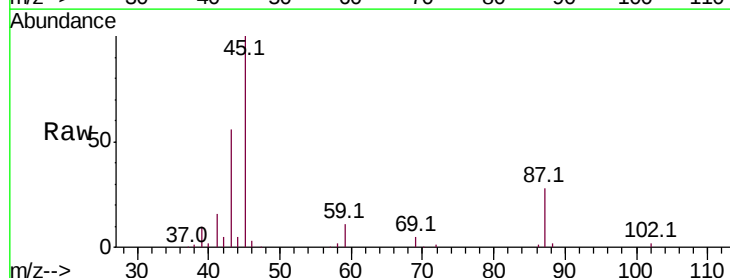
Ion Ratio Lower Upper

45 100

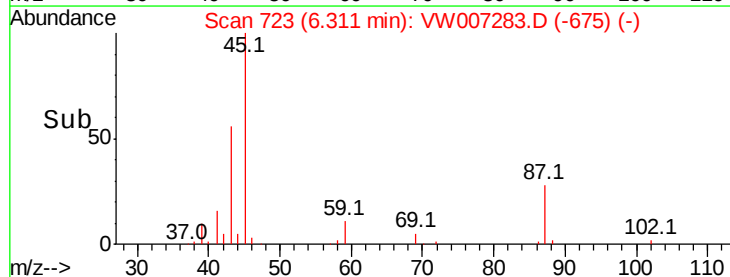
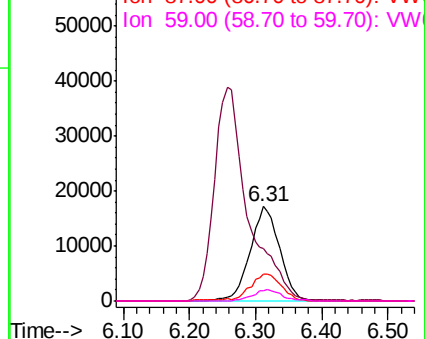
43 55.1 40.8 61.2

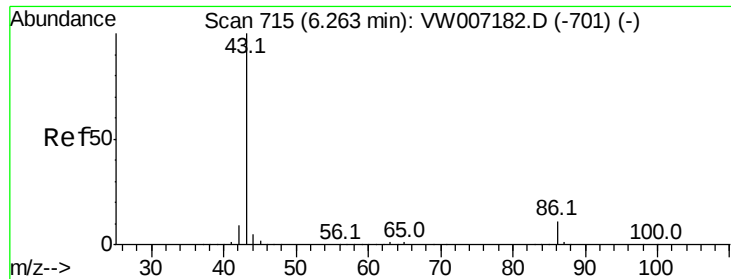
87 27.9 24.0 36.0

59 10.7 9.1 13.7



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: 95.307 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

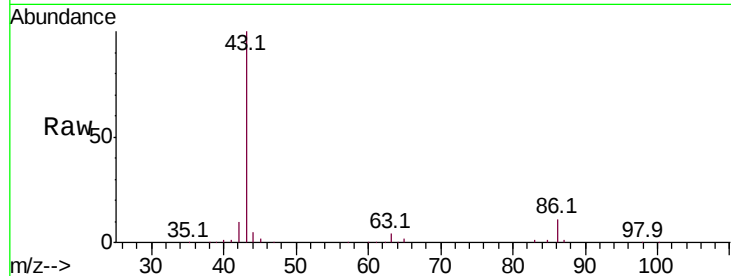
ClientSampleId :

Tot Ion: 43 Resp: 137195

Ion Ratio Lower Upper

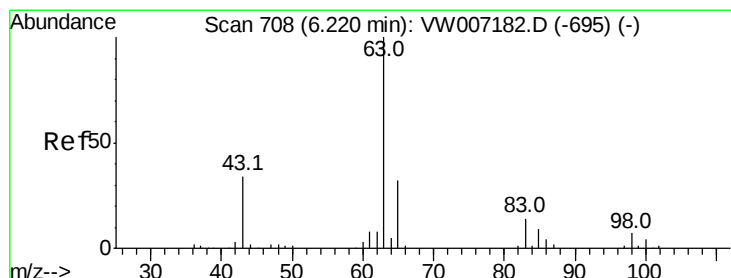
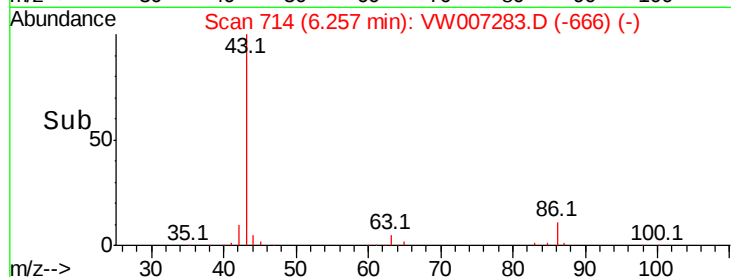
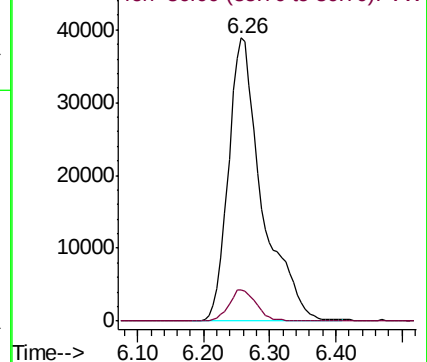
43 100

86 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.262 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

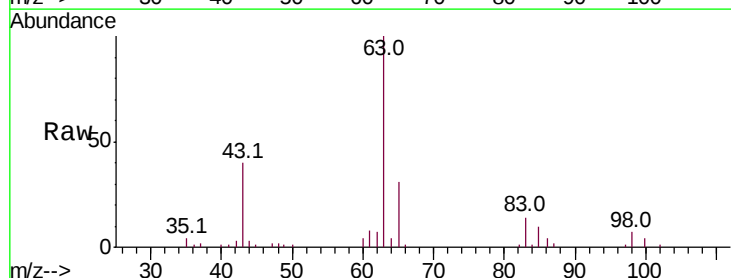
Tgt Ion: 63 Resp: 34262

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

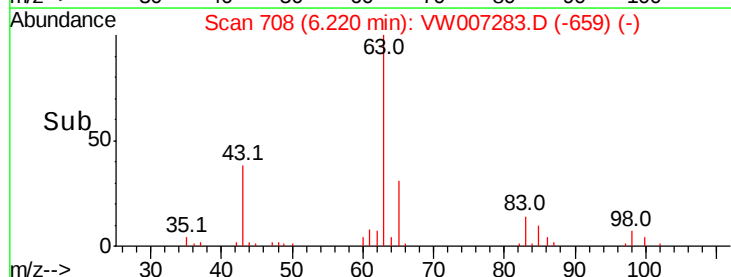
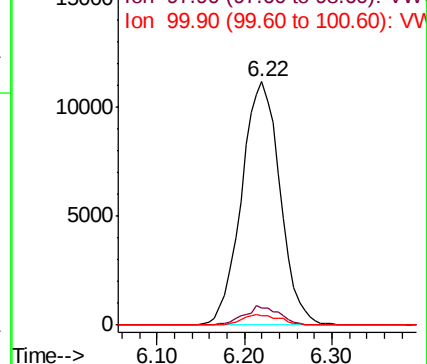
100 4.1 2.1 6.2

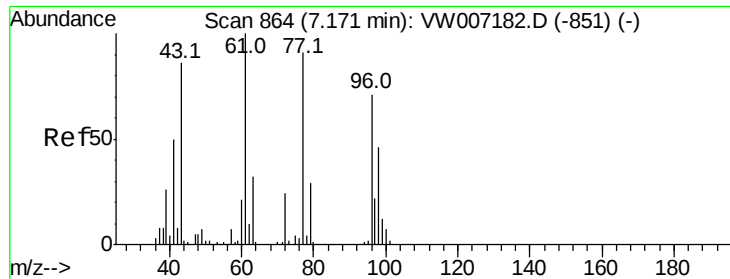


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 85.287 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

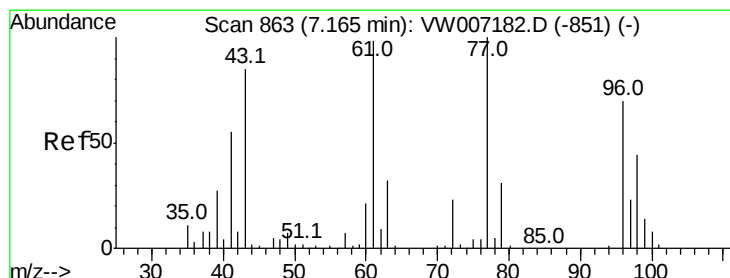
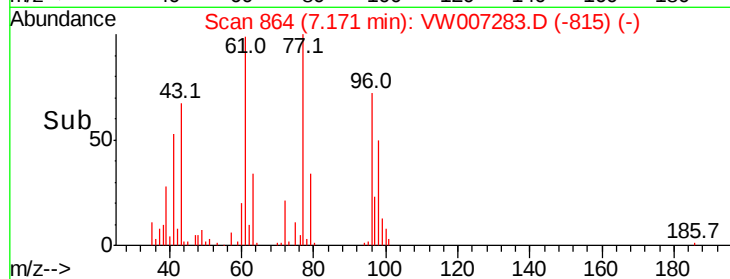
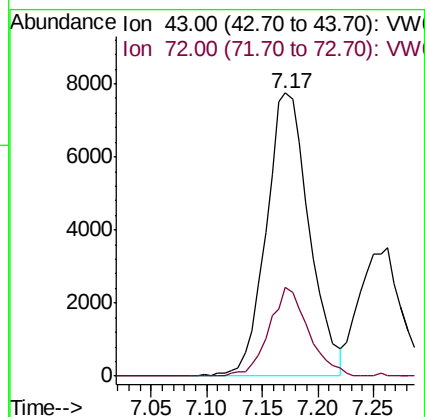
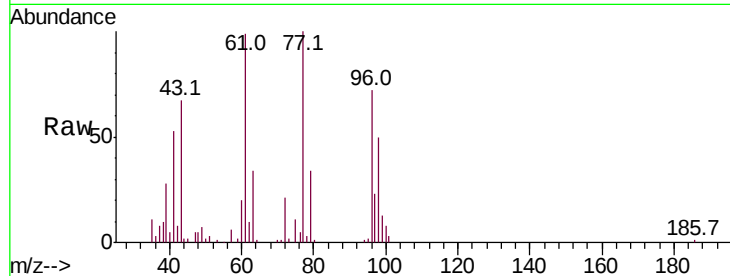
ClientSampled :

Tot Ion: 43 Resp: 20866

Ion Ratio Lower Upper

43 100

72 31.3 22.8 34.2



#26

2,2-Dichloropropane

Concen: 20.931 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007283.D

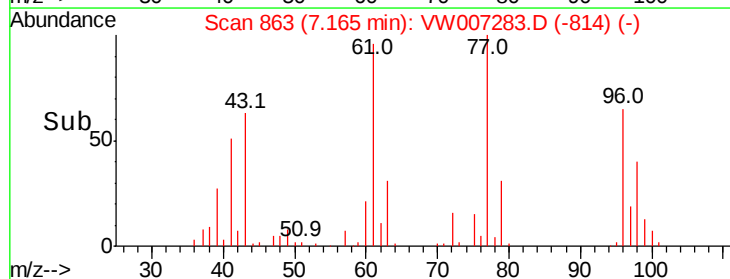
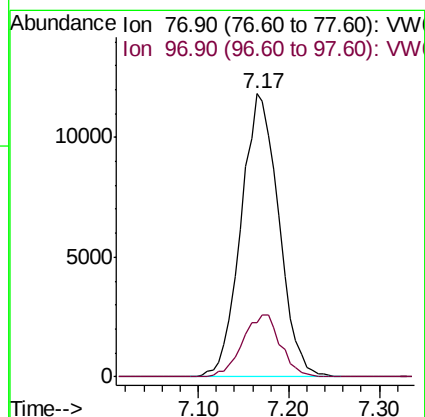
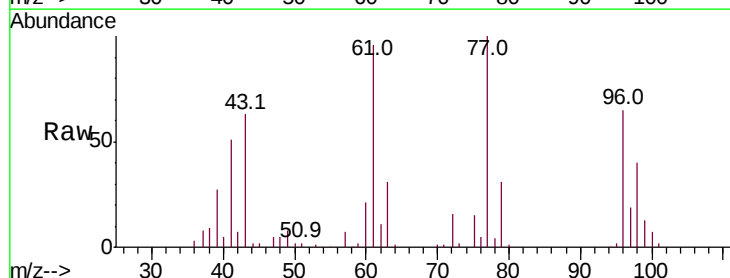
Acq: 06 Dec 2018 17:22

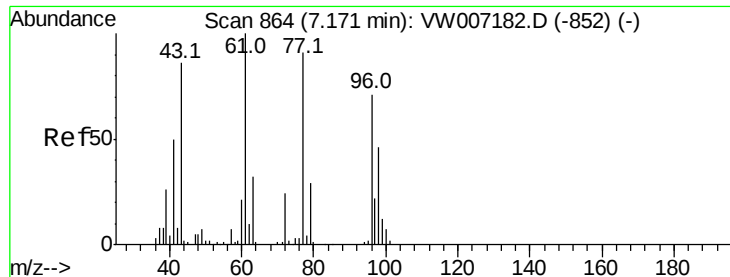
Tgt Ion: 77 Resp: 34011

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.4



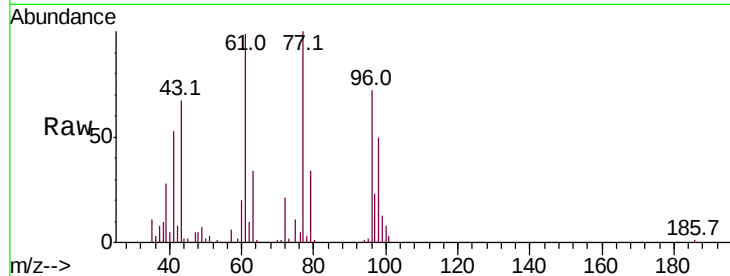


#27

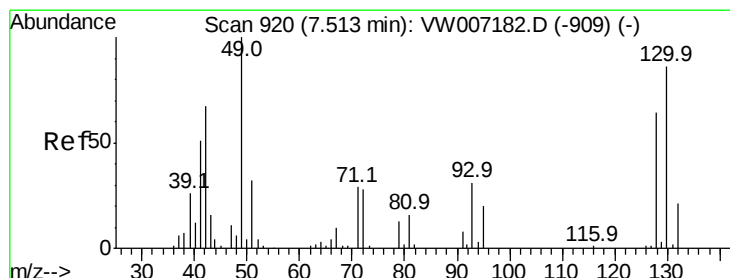
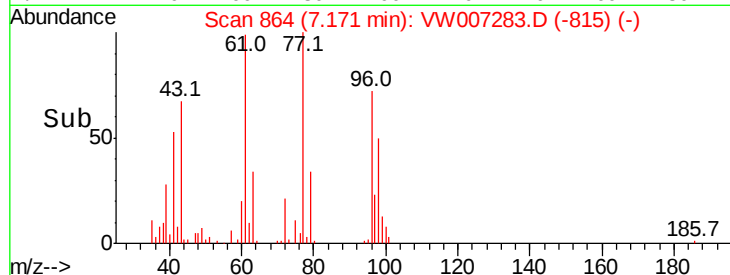
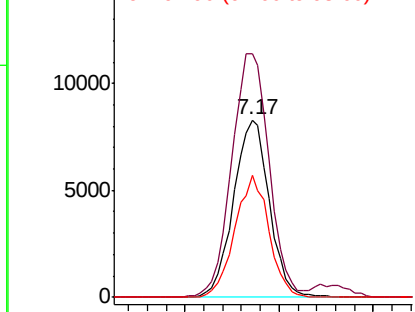
cis-1,2-Dichloroethene
Concen: 19.999 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 21948
Ion Ratio Lower Upper
96 100
61 144.2 0.0 282.4
98 65.7 0.0 129.8



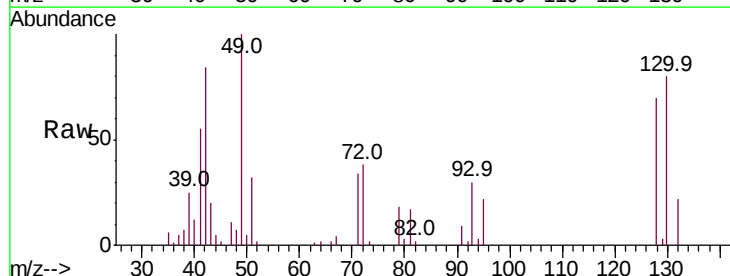
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



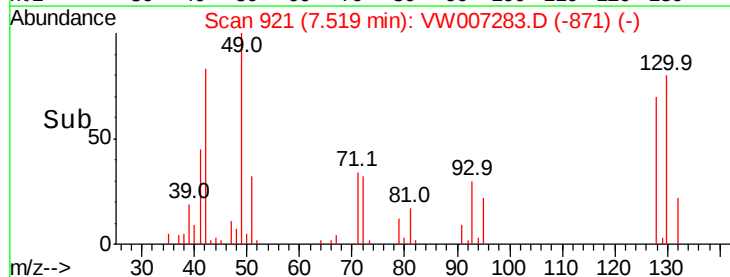
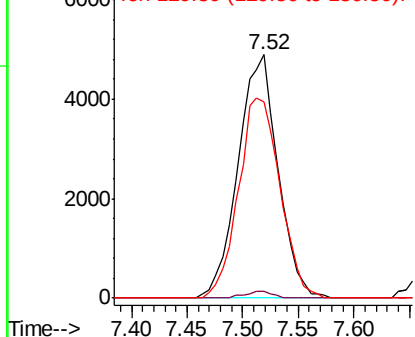
#28

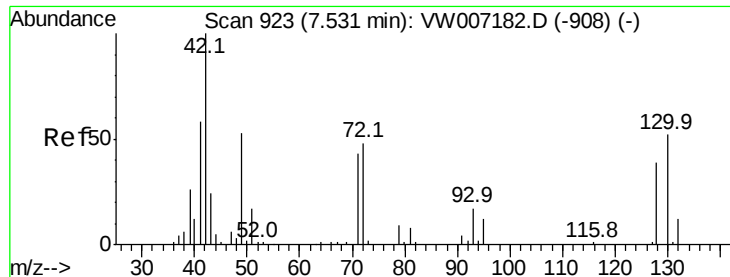
Bromochloromethane
Concen: 20.001 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 49 Resp: 12195
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 85.6 70.3 105.5



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

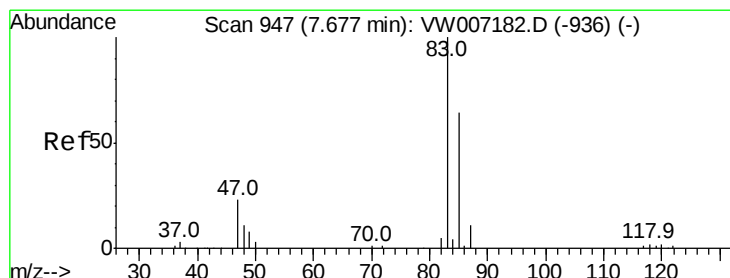
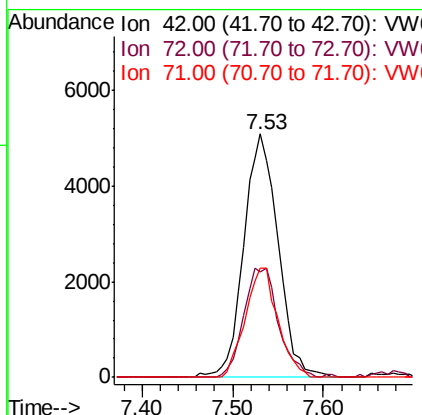
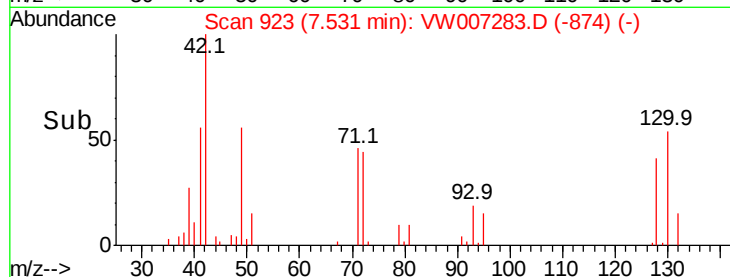
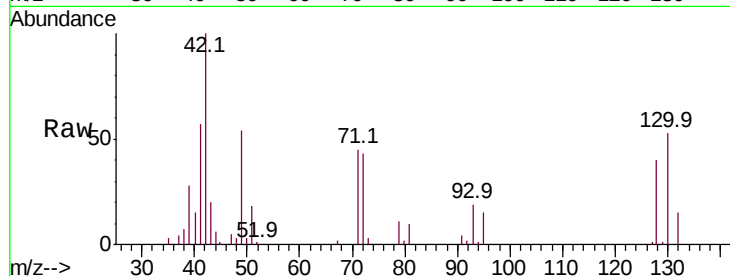




#29
Tetrahydrofuran
Concen: 88.004 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

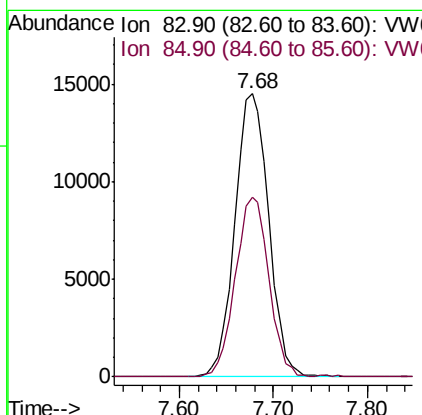
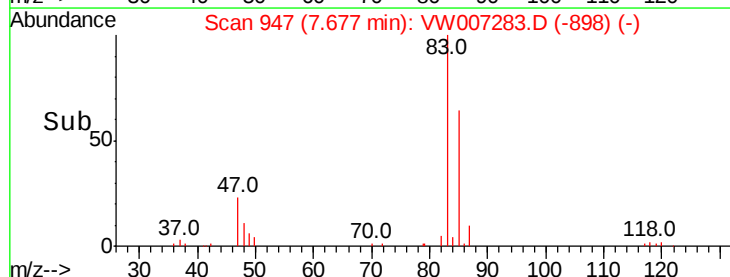
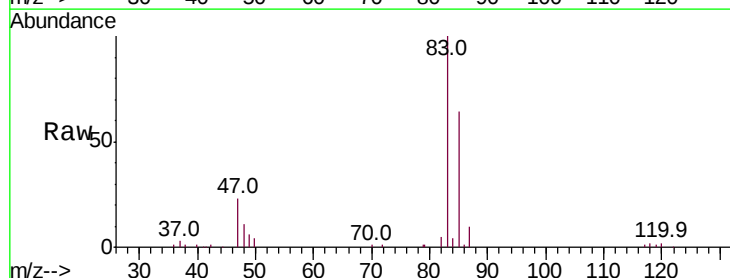
Instrument :
MSVOA_W
ClientSampled :

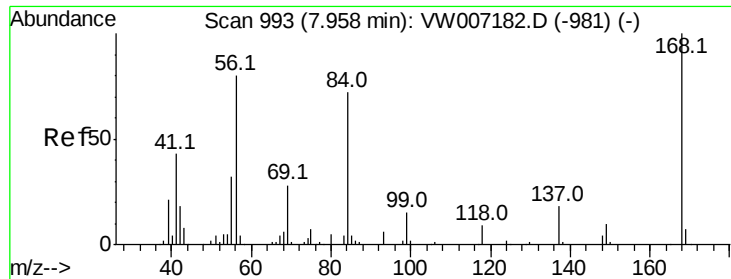
Tot Ion: 42 Resp: 13305
Ion Ratio Lower Upper
42 100
72 45.5 36.6 55.0
71 42.7 34.8 52.2



#30
Chloroform
Concen: 20.656 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 83 Resp: 36299
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3

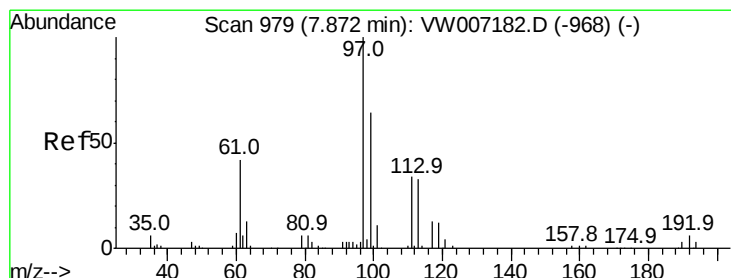
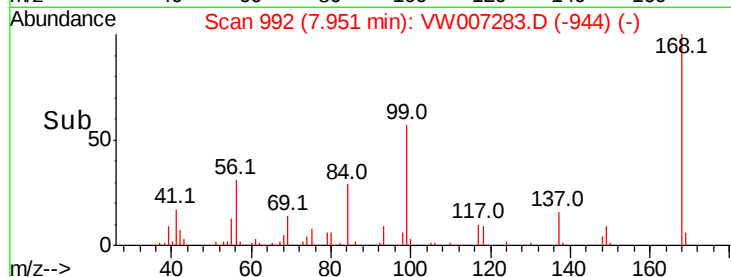
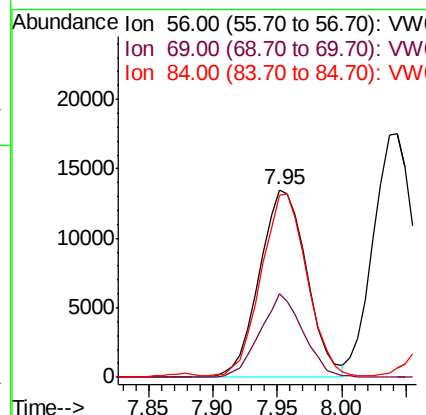
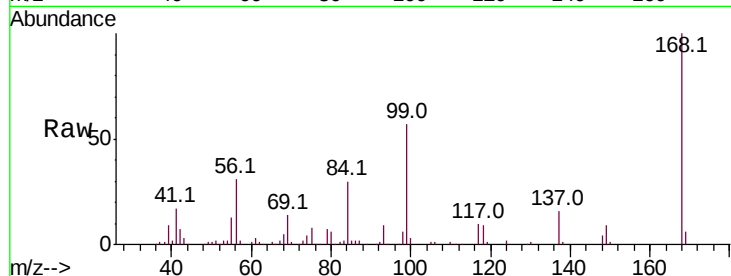




#31
Cyclohexane
Concen: 19.447 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

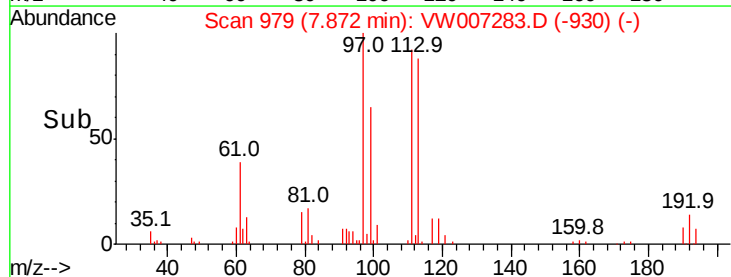
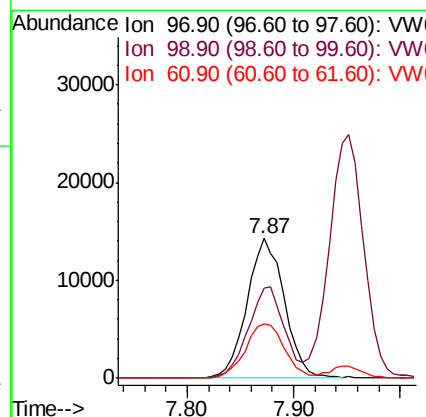
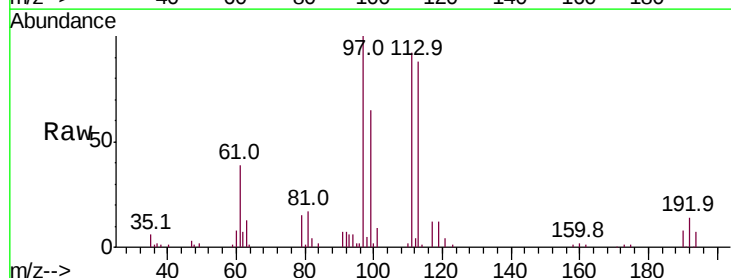
Instrument :
MSVOA_W
ClientSampled :

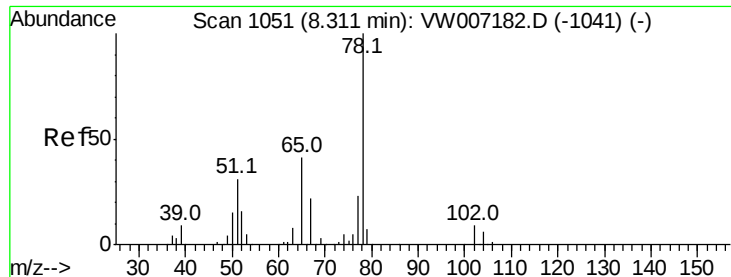
Tot Ion: 56 Resp: 34406
Ion Ratio Lower Upper
56 100
69 44.3 28.2 42.2#
84 95.9 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 21.240 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 97 Resp: 35127
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 40.8 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 51.434 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

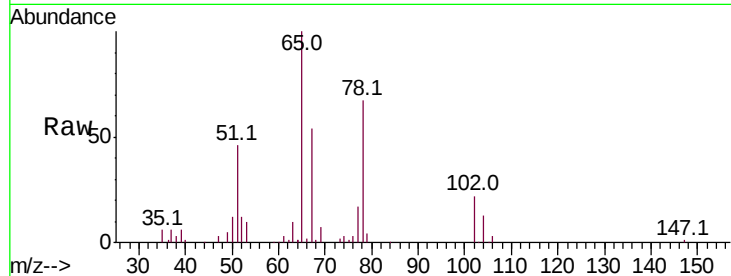
ClientSampled :

Tot Ion: 65 Resp: 45855

Ion Ratio Lower Upper

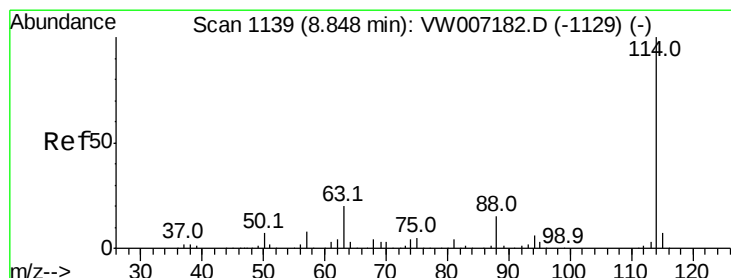
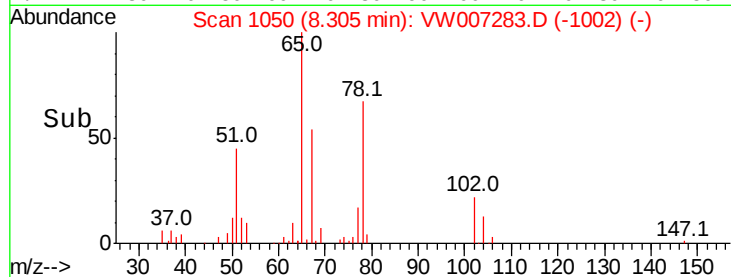
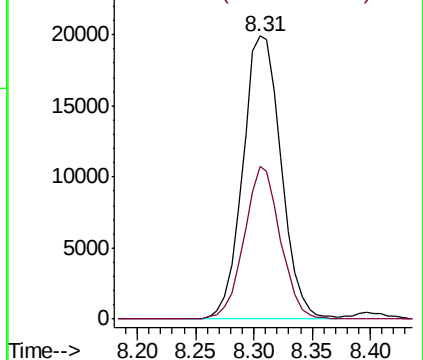
65 100

67 50.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

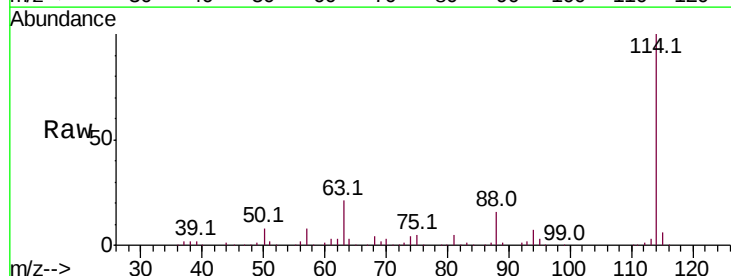
Tgt Ion: 114 Resp: 142428

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

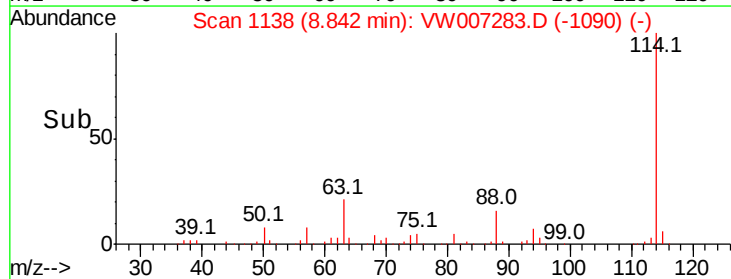
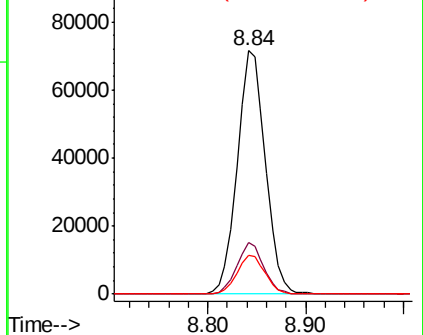
88 15.9 0.0 30.0

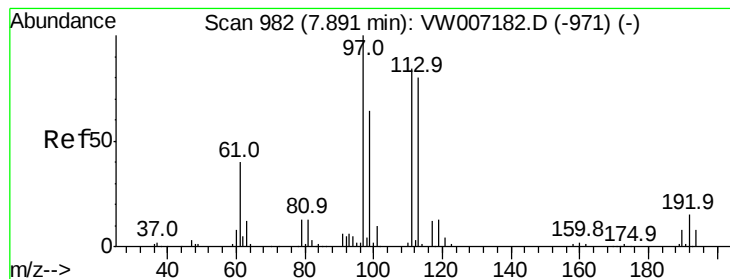


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.696 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampled :

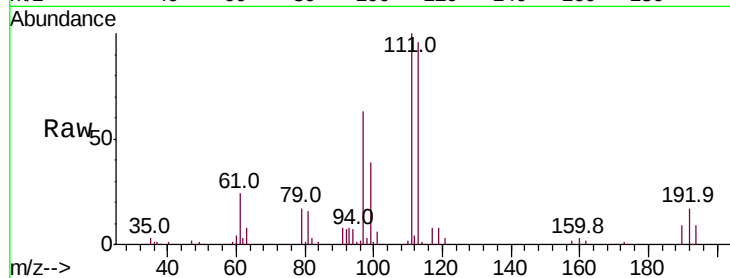
Tot Ion:113 Resp: 43791

Ion Ratio Lower Upper

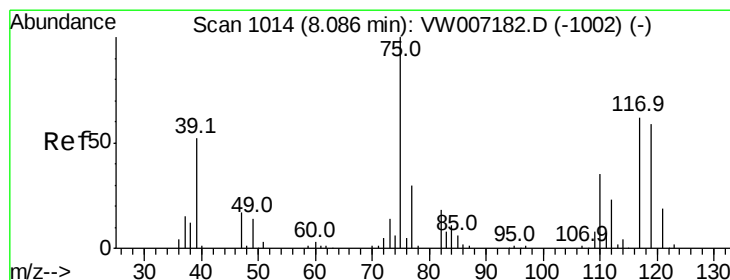
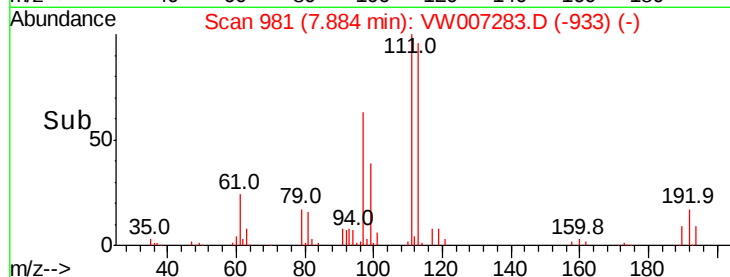
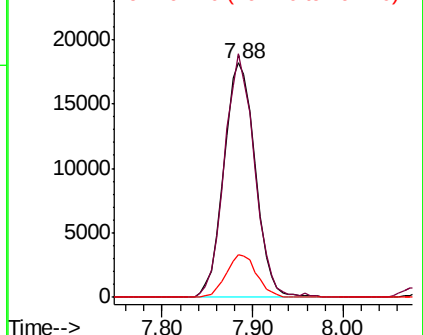
113 100

111 99.1 82.2 123.4

192 17.7 14.4 21.6



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: 21.616 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

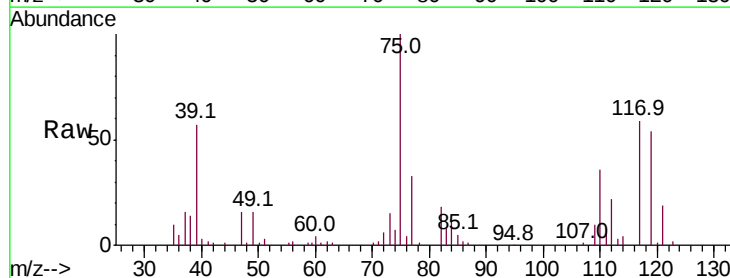
Tgt Ion: 75 Resp: 29957

Ion Ratio Lower Upper

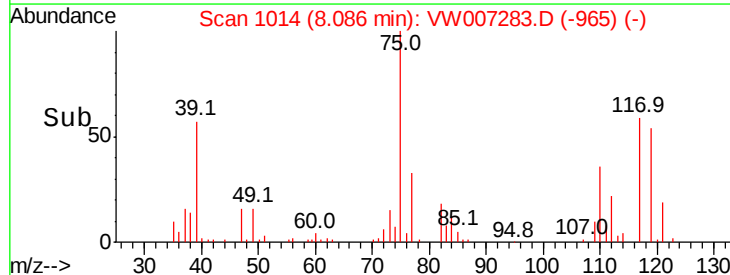
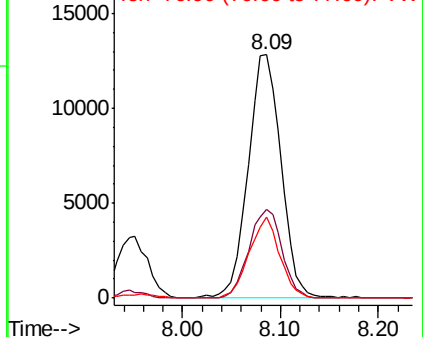
75 100

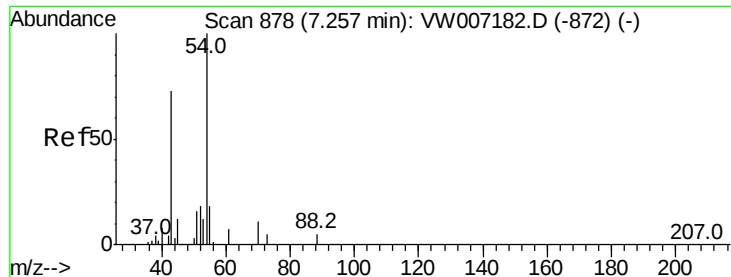
110 36.4 18.3 54.9

77 30.7 24.9 37.3



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

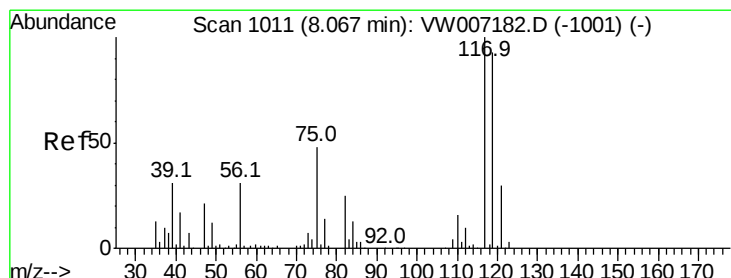
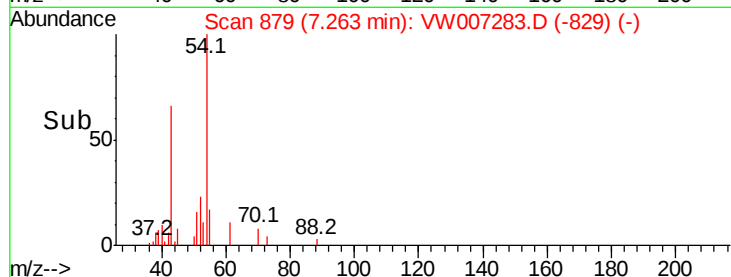
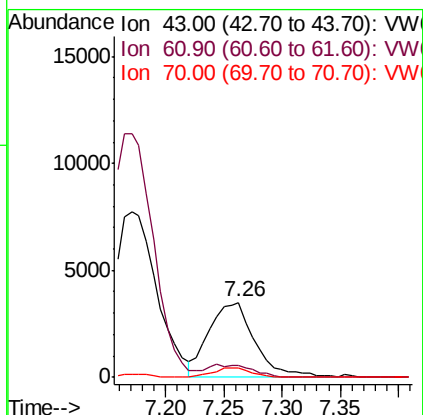
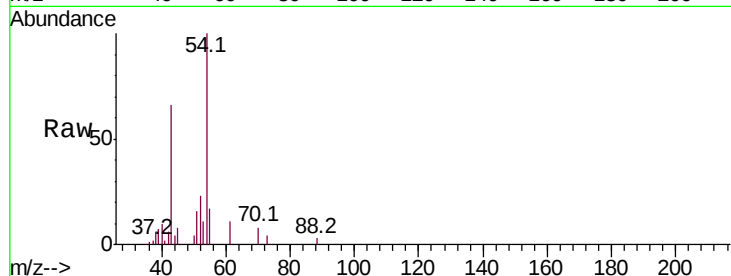




#37
Ethyl Acetate
Concen: 19.166 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

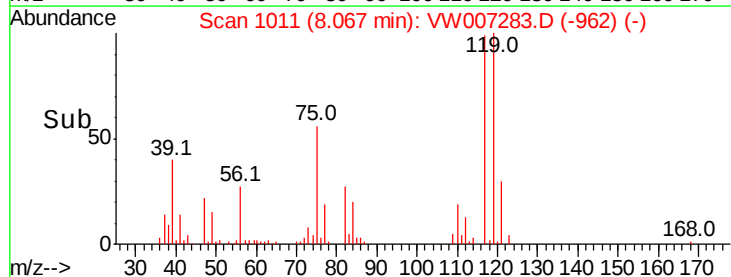
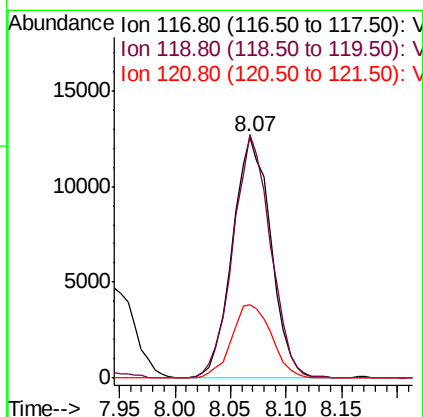
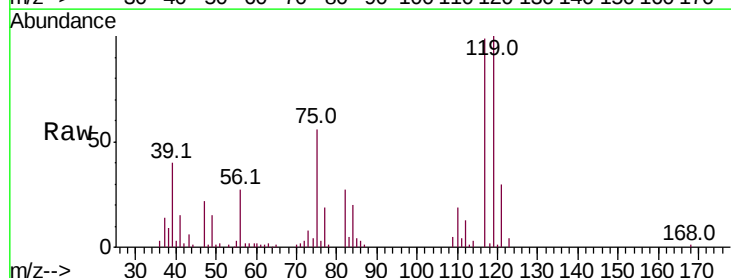
Instrument :
MSVOA_W
ClientSampled :

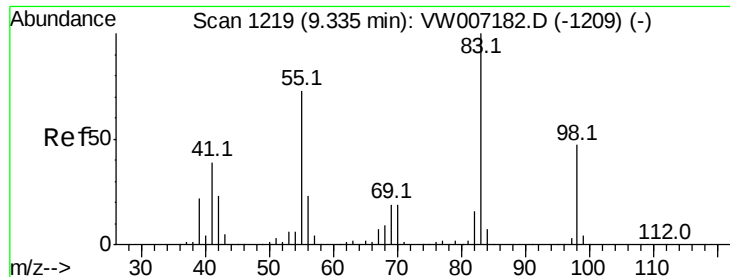
Tot Ion: 43 Resp: 9608
Ion Ratio Lower Upper
43 100
61 16.8 12.1 18.1
70 10.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.291 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 117 Resp: 30116
Ion Ratio Lower Upper
117 100
119 100.8 74.1 111.1
121 30.5 23.9 35.9

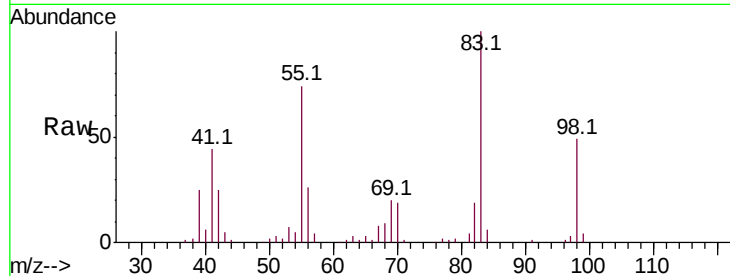




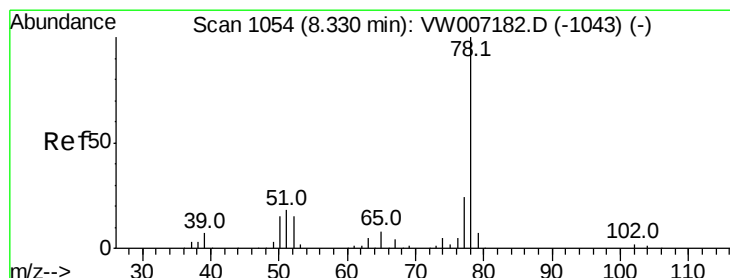
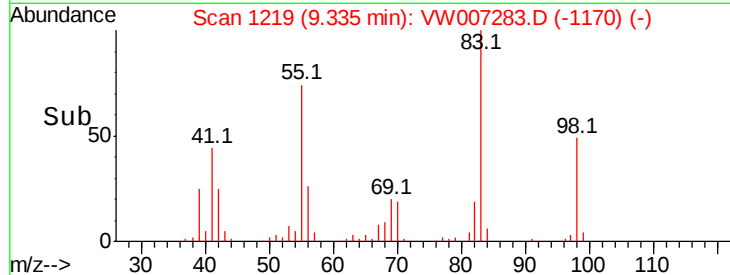
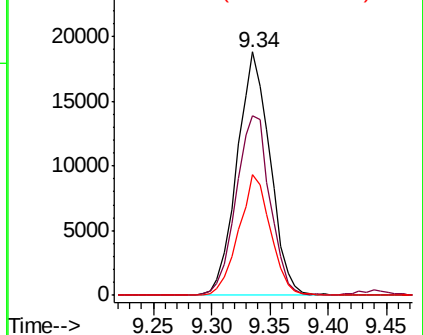
#39
Methvlcvclohexane
Concen: 20.023 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 37147
Ion Ratio Lower Upper
83 100
55 73.6 58.1 87.1
98 49.4 37.3 55.9

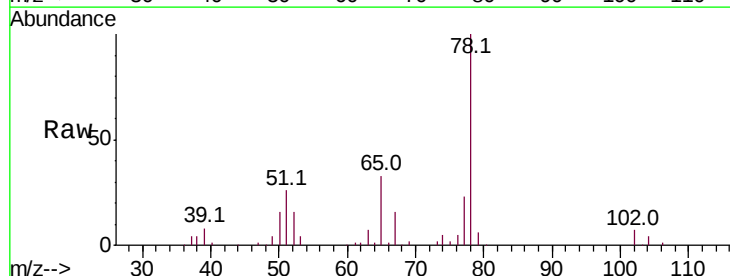


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

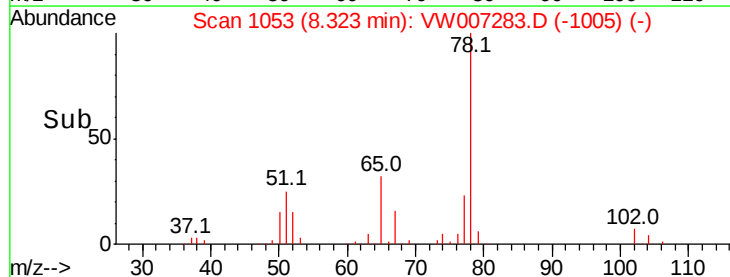
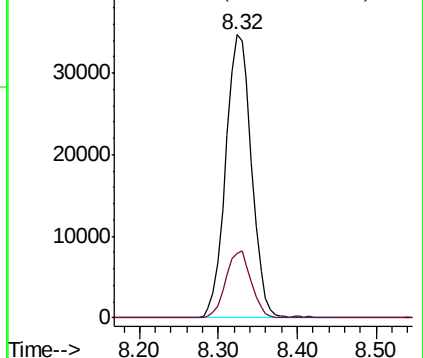


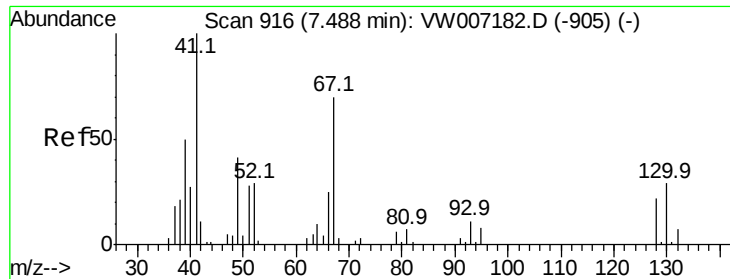
#40
Benzene
Concen: 20.845 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 78 Resp: 79213
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

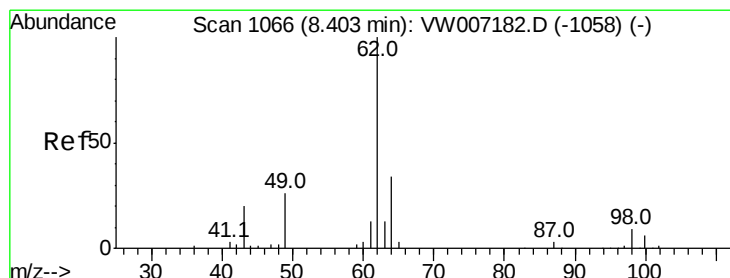
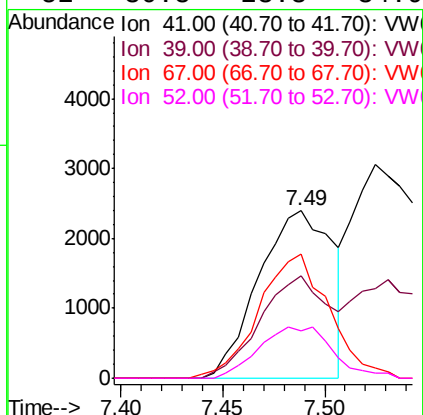
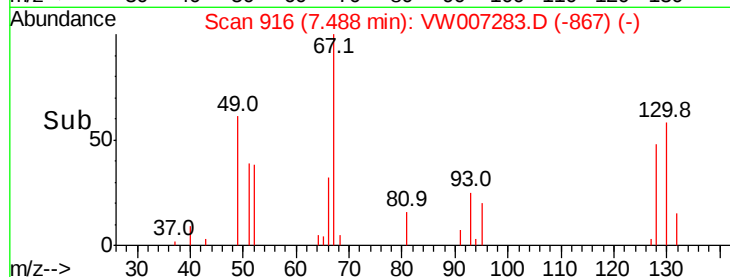
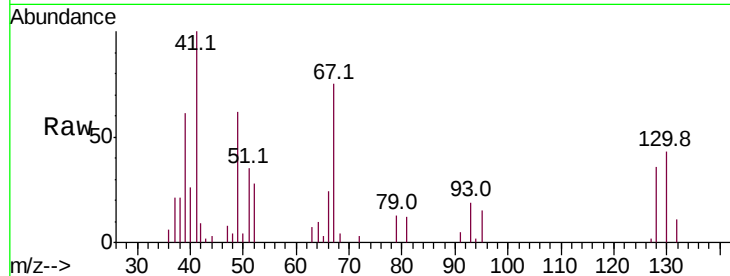




#41
Methacrylonitrile
Concen: 20.132 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

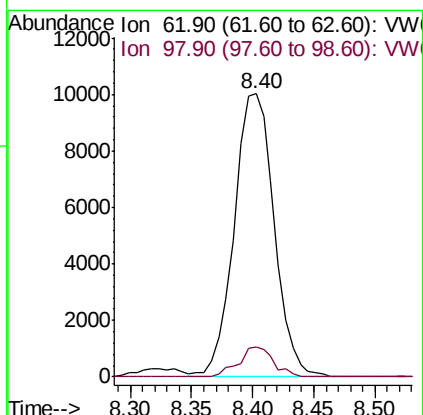
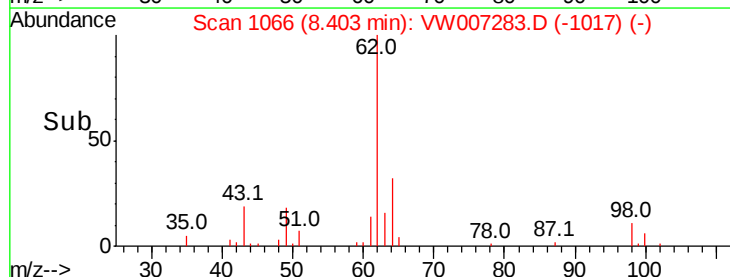
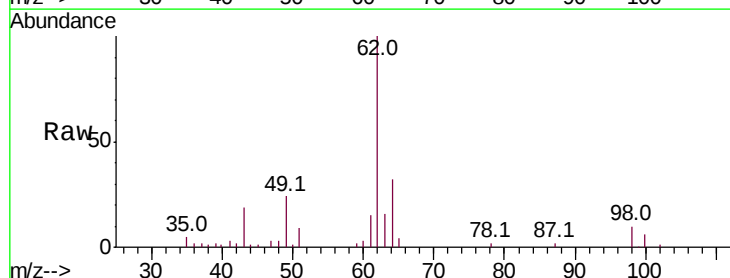
Instrument :
MSVOA_W
ClientSampled :

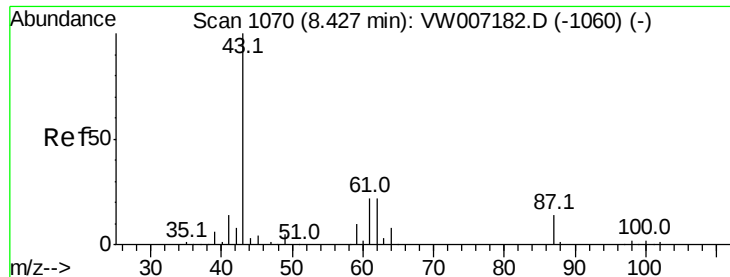
Tot Ion: 41 Resp: 6045
Ion Ratio Lower Upper
41 100
39 56.9 43.4 65.0
67 70.3 57.4 86.0
52 30.8 23.3 34.9



#42
1,2-Dichloroethane
Concen: 21.376 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 62 Resp: 22703
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8



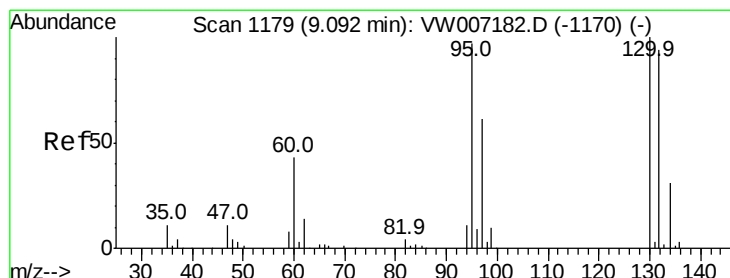
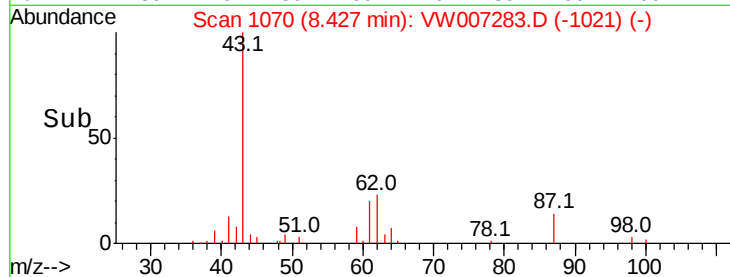
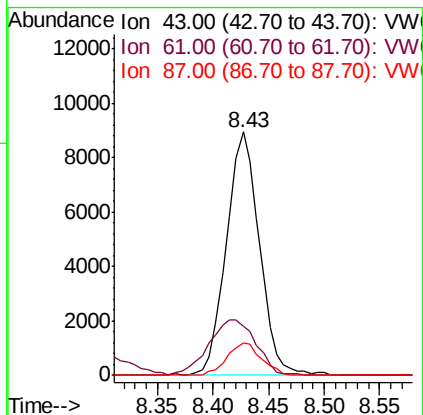
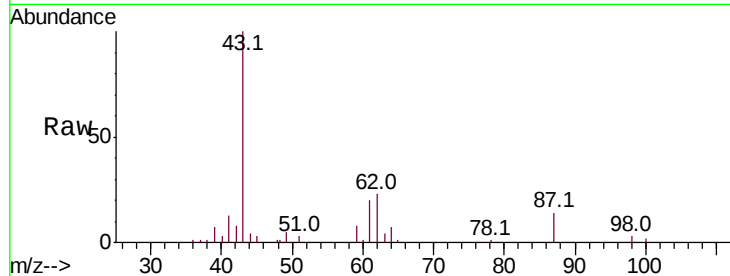


#43

Isopropyl Acetate
 Concen: 18.944 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Instrument :
 MSVOA_W
 ClientSampleId :

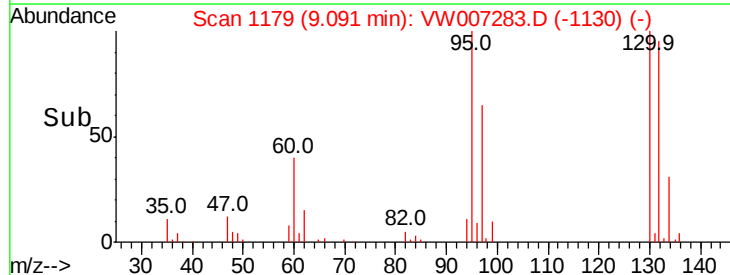
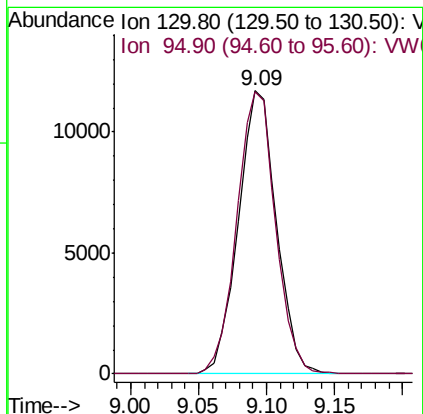
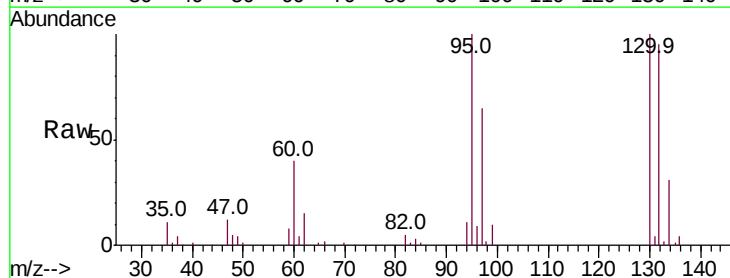
Tot Ion: 43 Resp: 18444
 Ion Ratio Lower Upper
 43 100
 61 32.5 25.4 38.0
 87 13.8 11.4 17.0

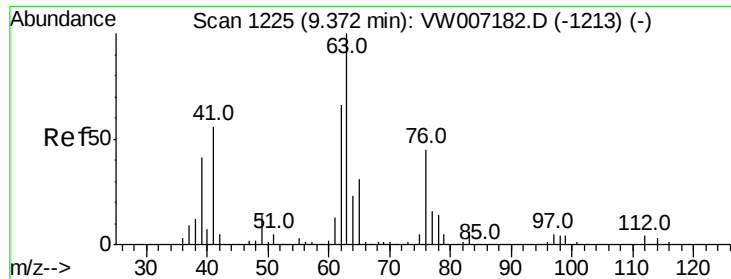


#44

Trichloroethene
 Concen: 21.470 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion: 130 Resp: 22934
 Ion Ratio Lower Upper
 130 100
 95 99.8 0.0 194.0

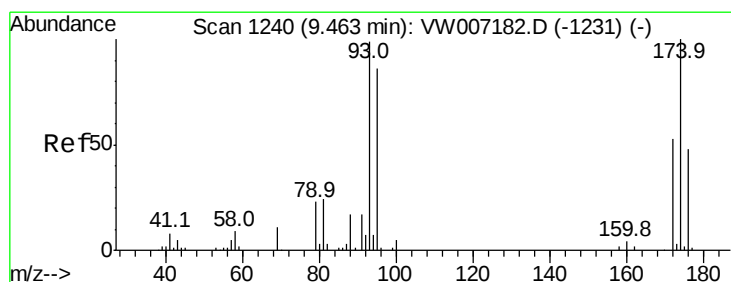
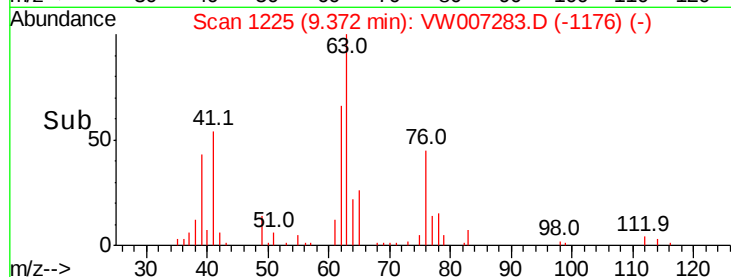
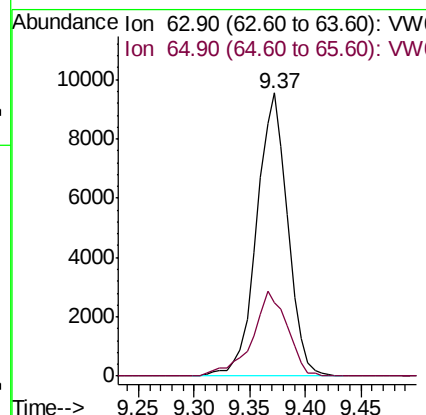
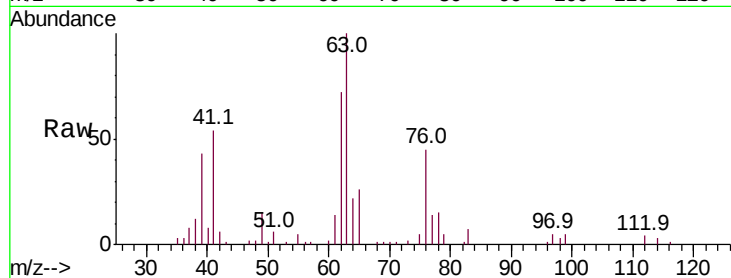




#45
 1,2-Dichloropropane
 Concen: 20.993 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

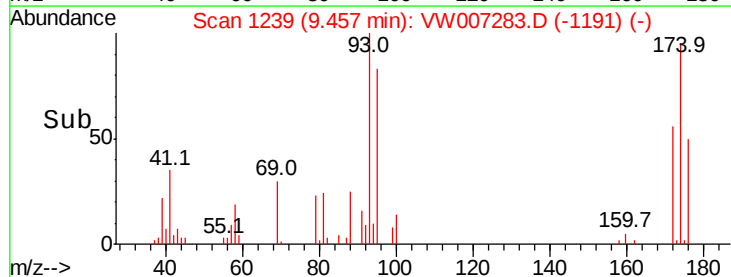
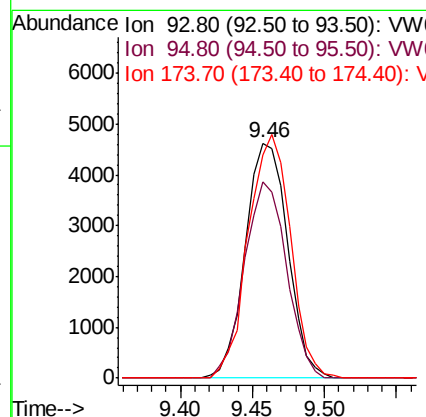
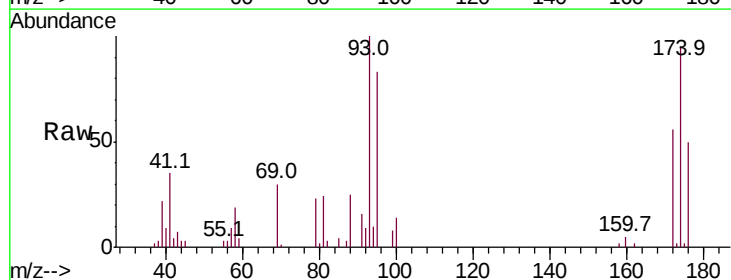
Instrument :
 MSVOA_W
 ClientSampled :

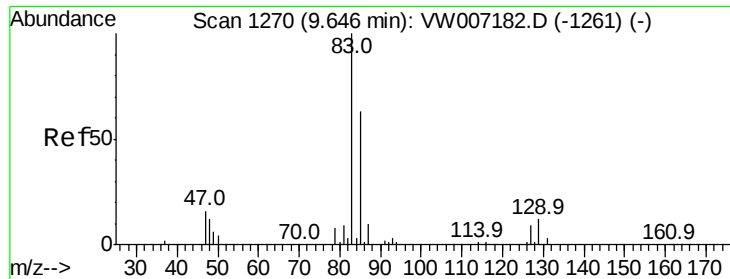
Tot Ion: 63 Resp: 18565
 Ion Ratio Lower Upper
 63 100
 65 25.9 25.0 37.4



#46
 Dibromomethane
 Concen: 20.515 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion: 93 Resp: 9427
 Ion Ratio Lower Upper
 93 100
 95 83.1 68.7 103.1
 174 103.1 82.9 124.3





#47

Bromodichloromethane

Concen: 21.044 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

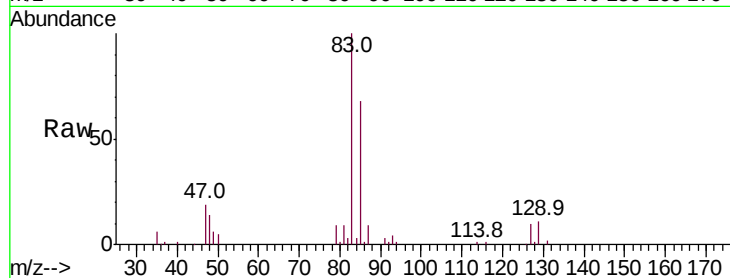
Tot Ion: 83 Resp: 25437

Ion Ratio Lower Upper

83 100

85 67.6 50.6 76.0

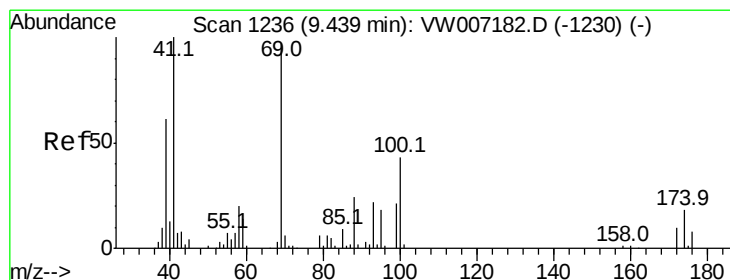
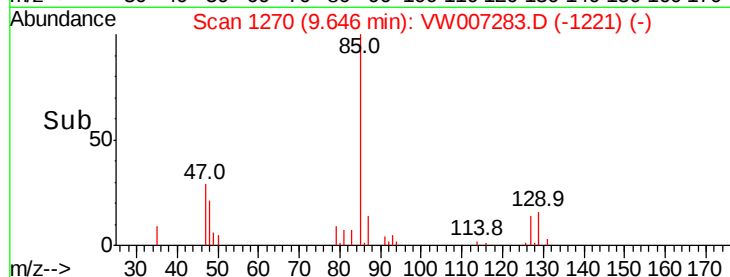
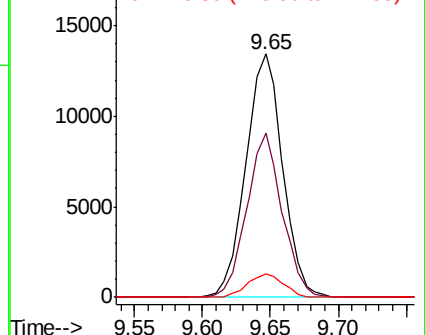
127 9.8 7.3 10.9



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: 19.714 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

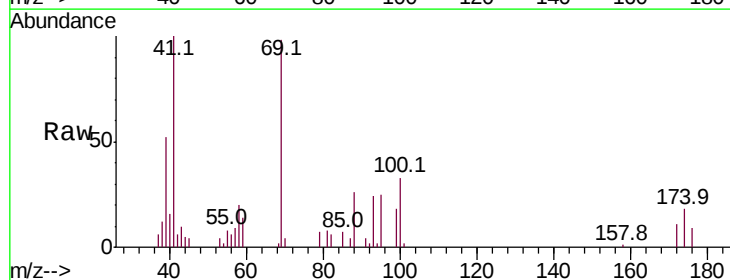
Tgt Ion: 41 Resp: 9962

Ion Ratio Lower Upper

41 100

69 86.2 69.6 104.4

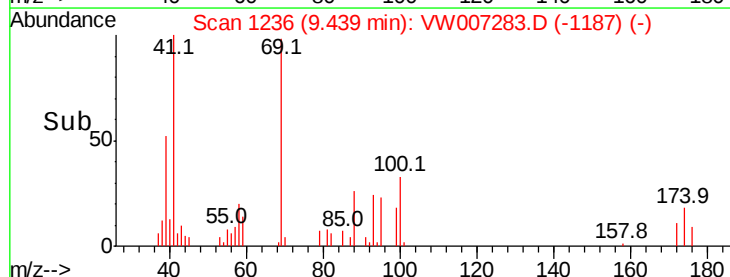
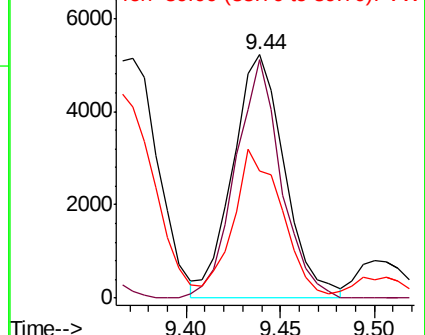
39 53.2 42.4 63.6

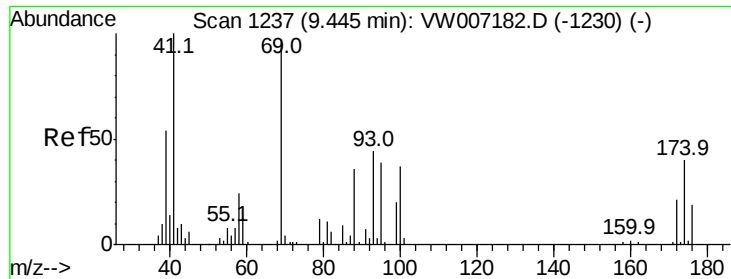


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

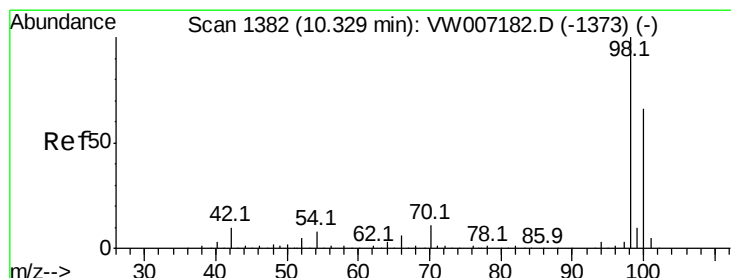
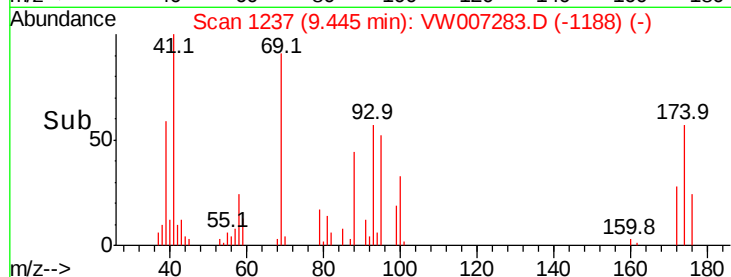
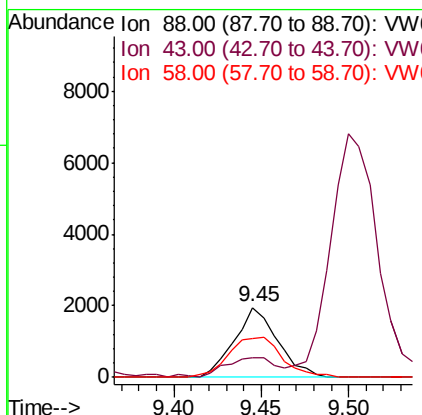
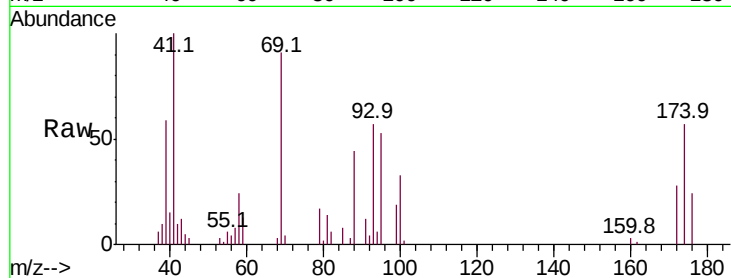




#49
 1,4-Dioxane
 Concen: 417.694 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

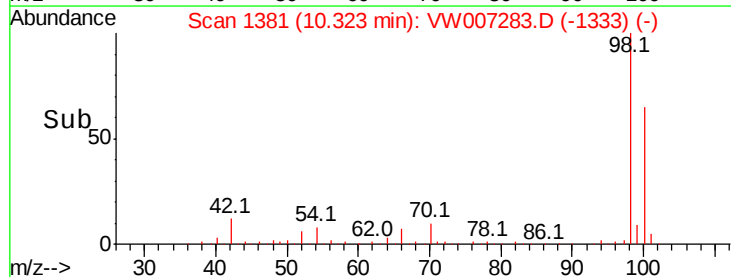
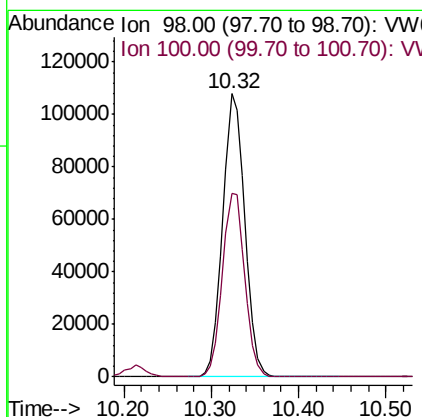
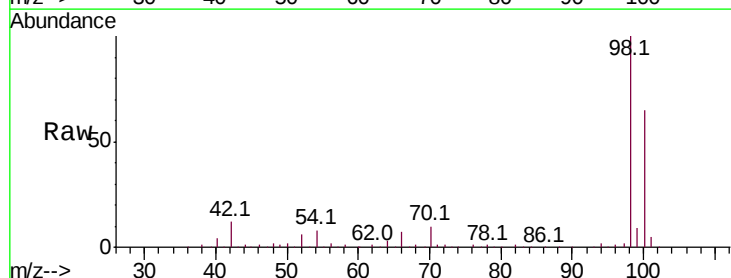
Instrument :
 MSVOA_W
 ClientSampled :

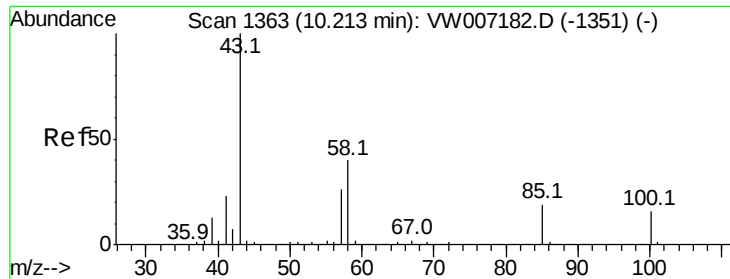
Tot Ion: 88 Resp: 3353
 Ion Ratio Lower Upper
 88 100
 43 34.5 25.8 38.8
 58 70.7 58.9 88.3



#50
 Toluene-d8
 Concen: 52.664 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion: 98 Resp: 189193
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 92.855 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

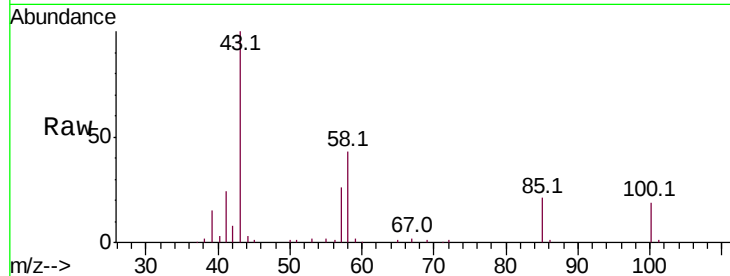
ClientSampleId :

Tot Ion: 43 Resp: 44552

Ion Ratio Lower Upper

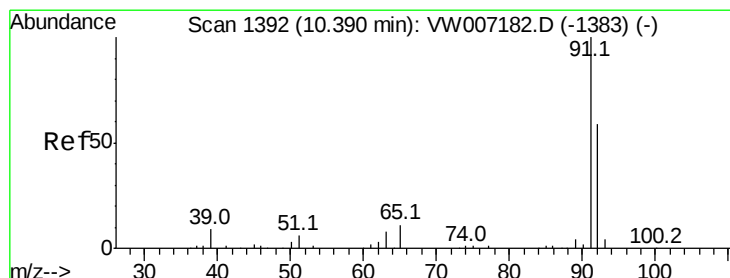
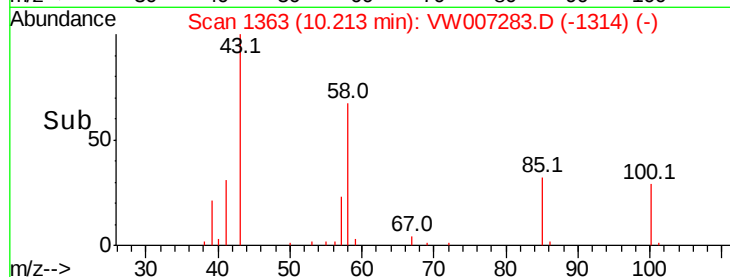
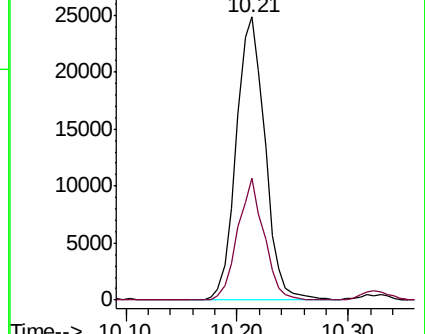
43 100

58 39.6 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.245 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007283.D

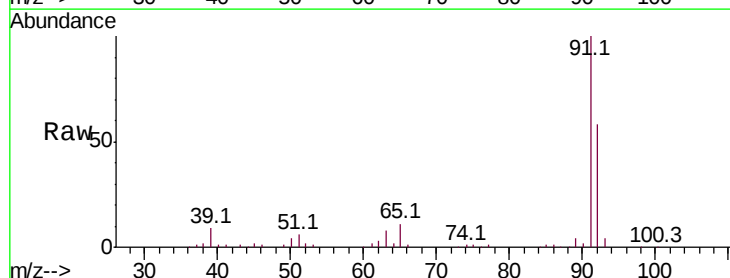
Acq: 06 Dec 2018 17:22

Tgt Ion: 92 Resp: 56161

Ion Ratio Lower Upper

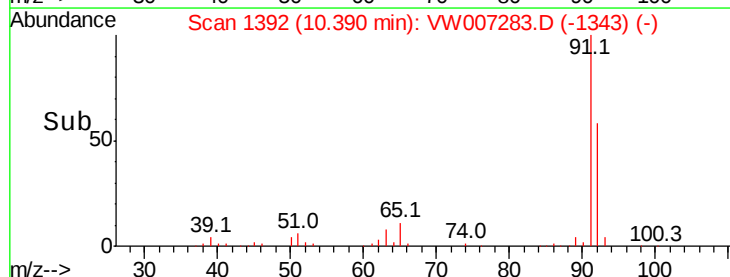
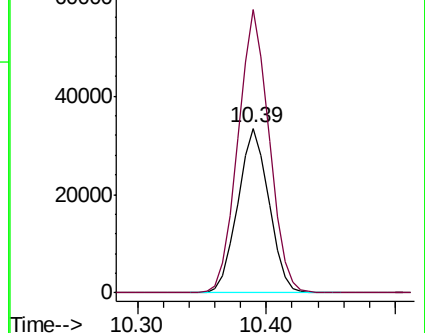
92 100

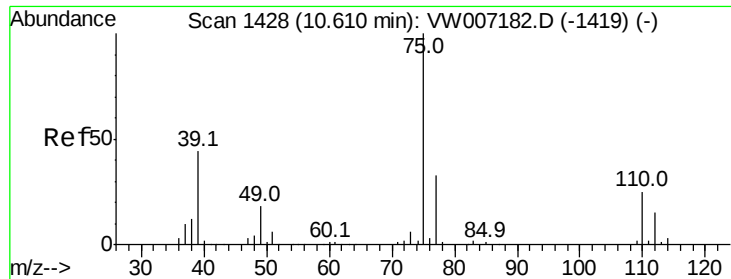
91 171.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.018 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

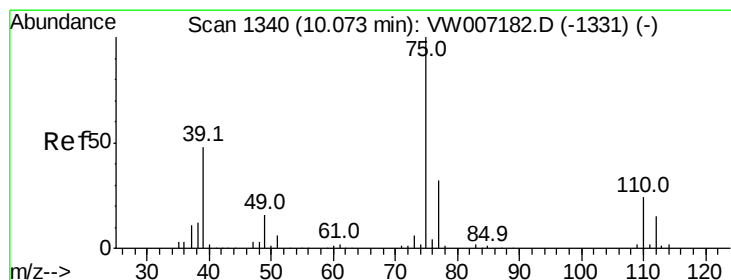
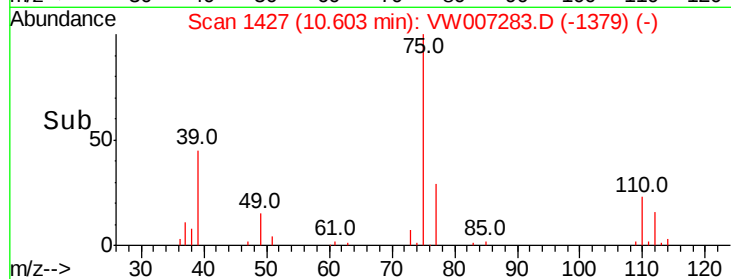
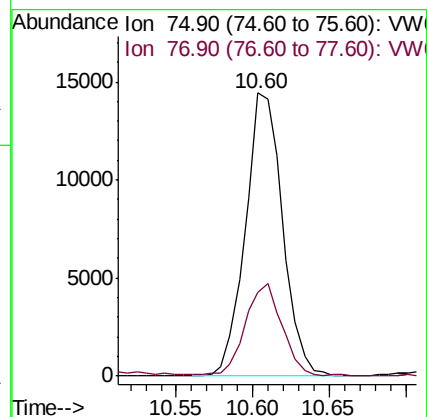
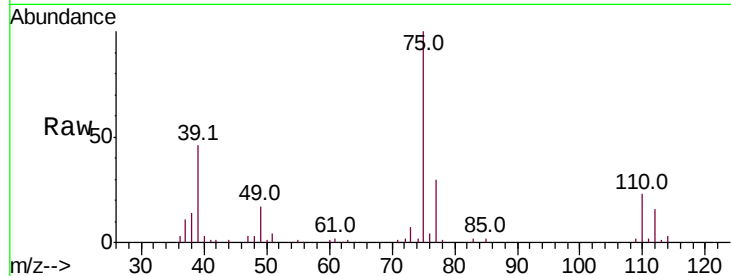
ClientSampleId :

Tot Ion: 75 Resp: 24327

Ion Ratio Lower Upper

75 100

77 29.3 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 21.029 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

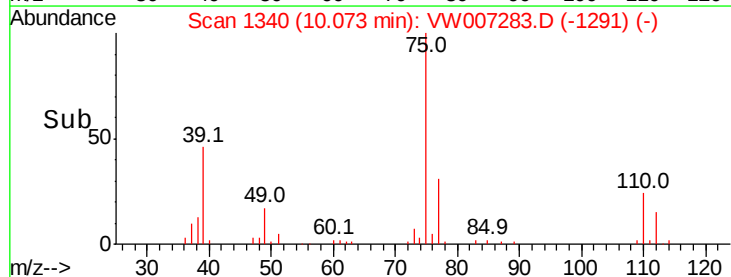
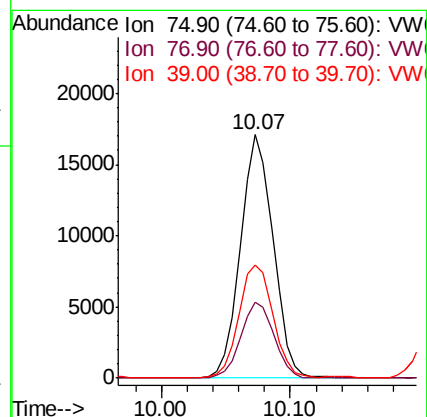
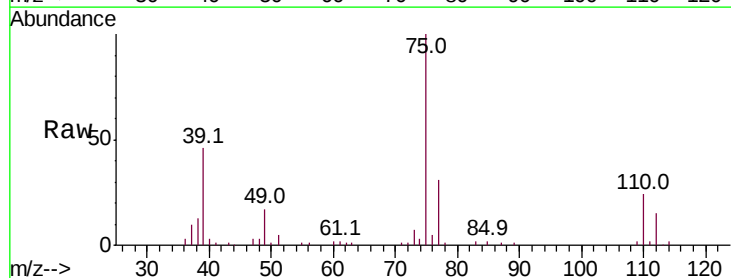
Tgt Ion: 75 Resp: 29950

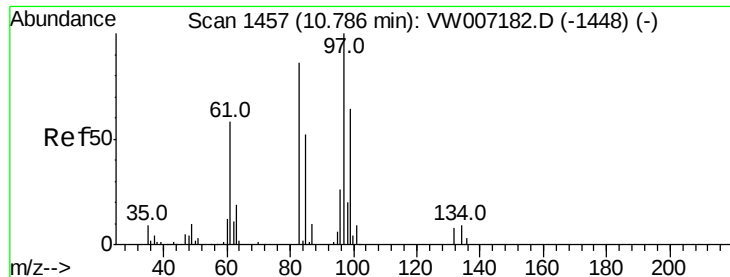
Ion Ratio Lower Upper

75 100

77 31.1 26.0 39.0

39 46.2 38.0 57.0





#55

1,1,2-Trichloroethane

Concen: 20.244 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 13232

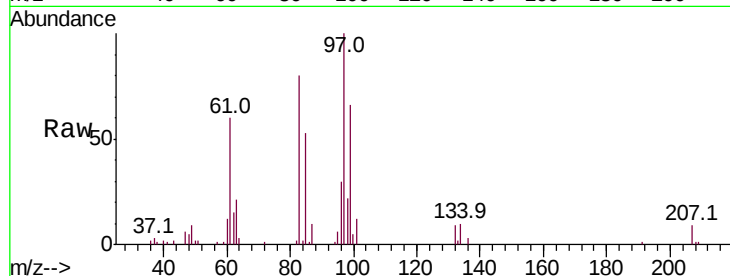
Ion Ratio Lower Upper

97 100

83 80.2 68.6 102.8

85 53.5 41.4 62.2

99 65.6 51.2 76.8



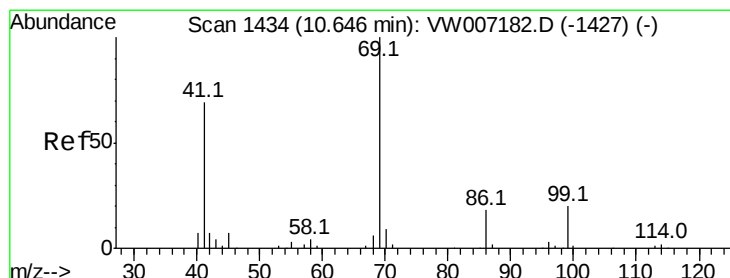
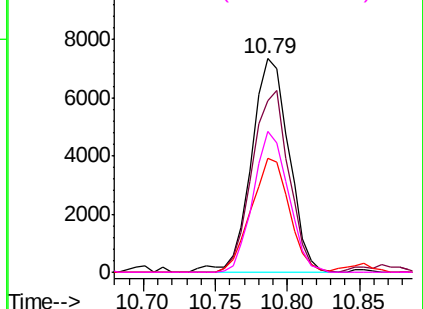
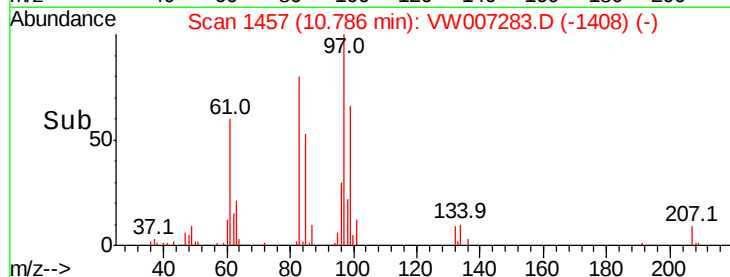
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 18.673 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

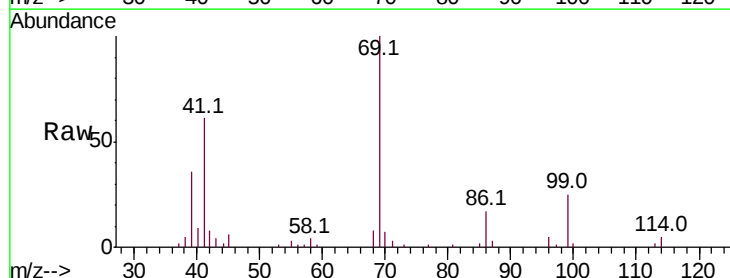
Tgt Ion: 69 Resp: 15921

Ion Ratio Lower Upper

69 100

41 63.4 51.8 77.6

39 37.9 28.7 43.1

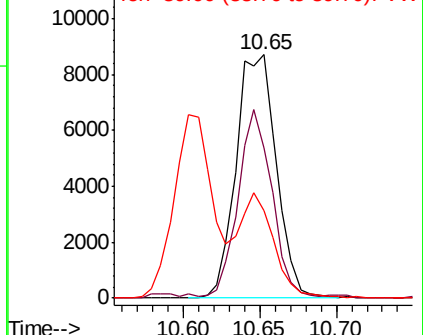
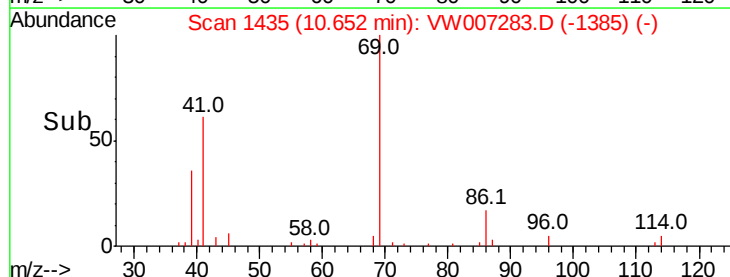


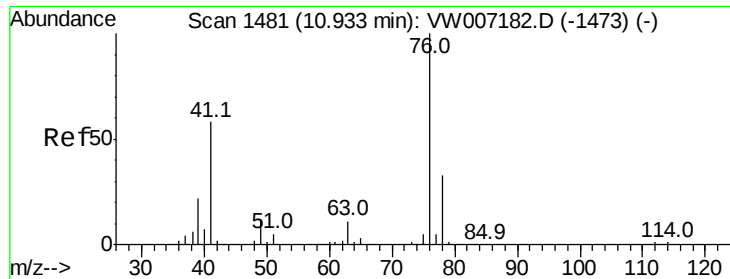
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

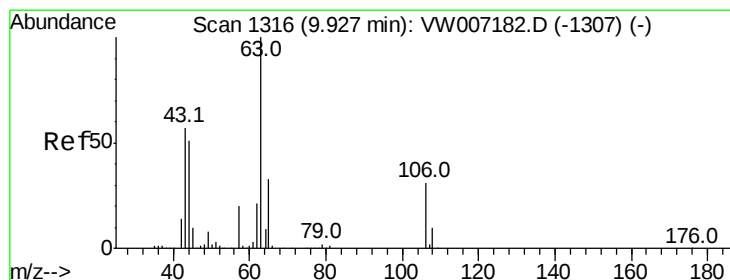
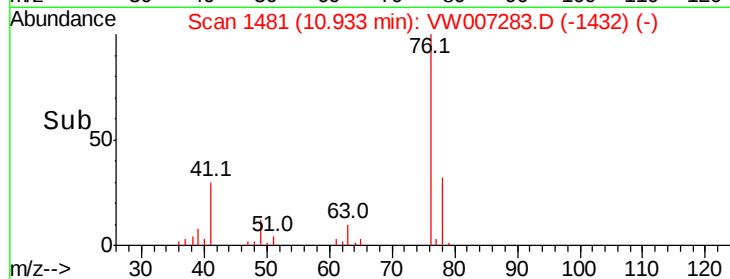
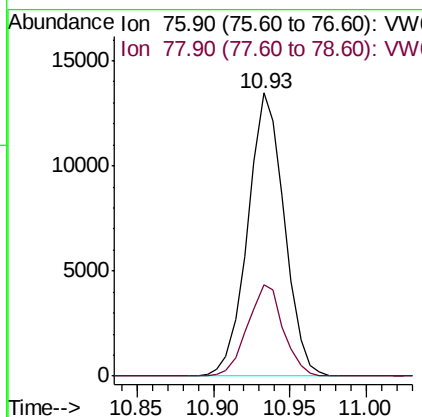
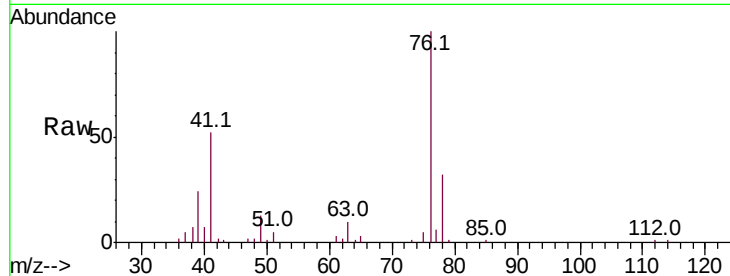




#57
 1,3-Dichloropropane
 Concen: 20.252 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

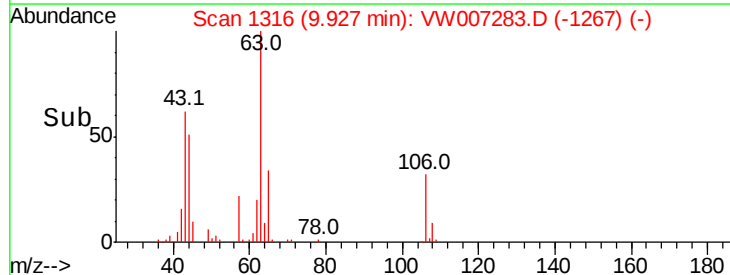
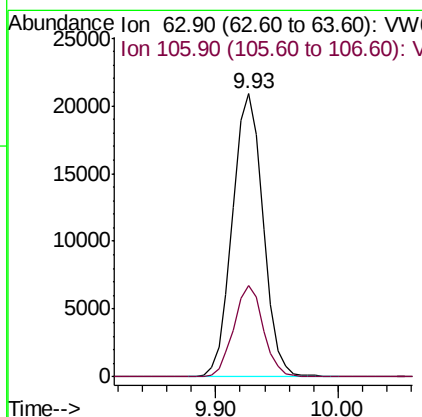
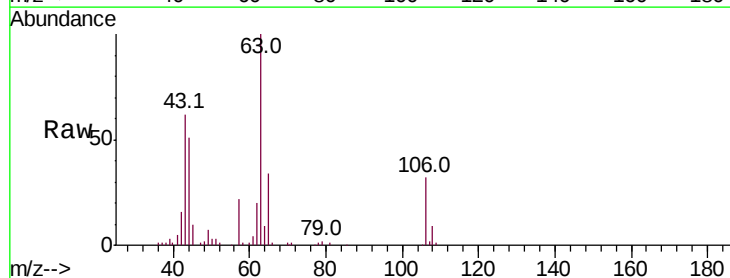
Instrument :
 MSVOA_W
 ClientSampled :

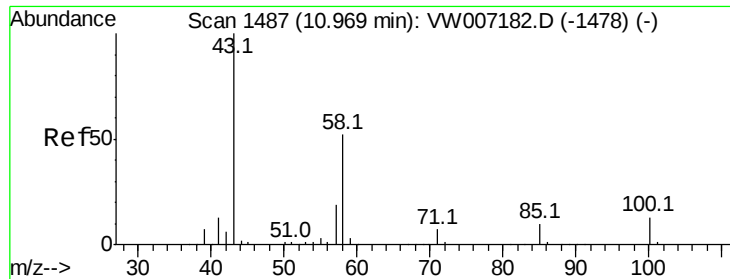
Tot Ion: 76 Resp: 22349
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.653 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion: 63 Resp: 36183
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.1 36.1





#59

2-Hexanone

Concen: 86.540 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

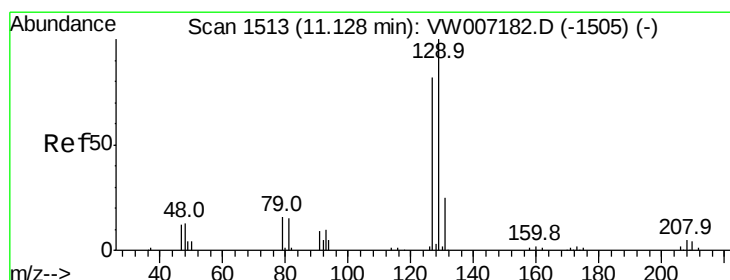
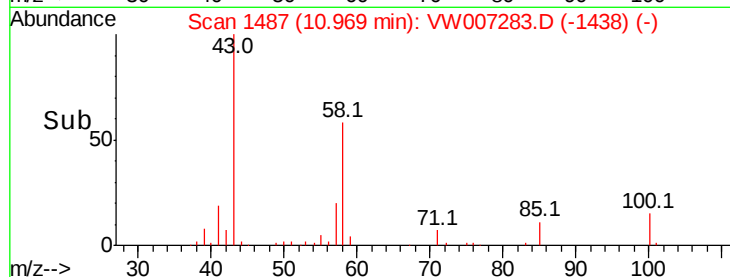
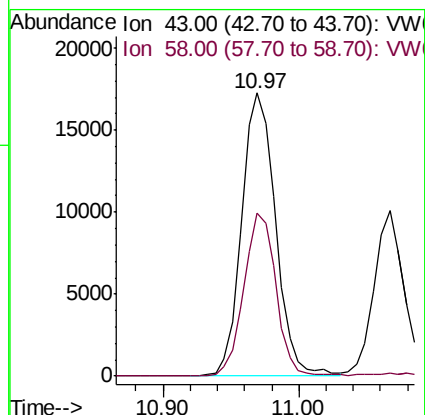
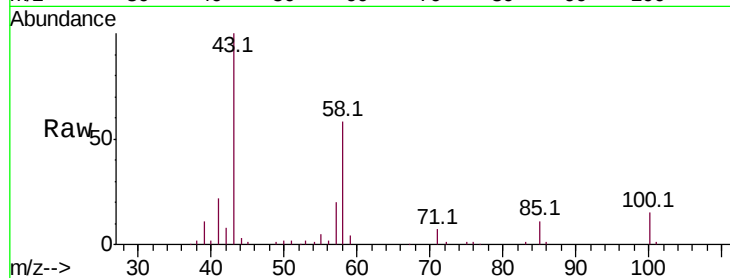
ClientSampleId :

Tot Ion: 43 Resp: 30100

Ion Ratio Lower Upper

43 100

58 54.5 28.1 84.4



#60

Dibromochloromethane

Concen: 20.010 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW007283.D

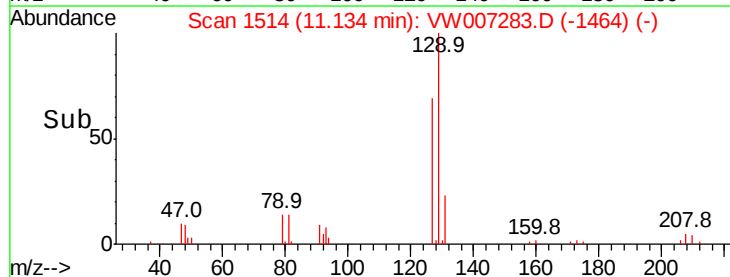
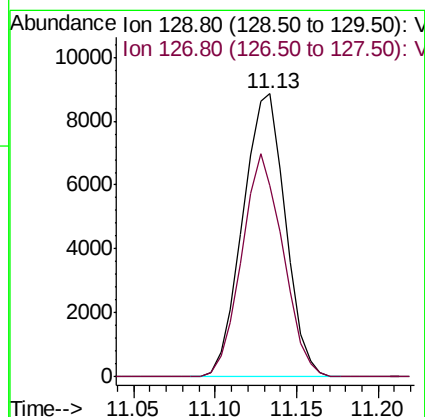
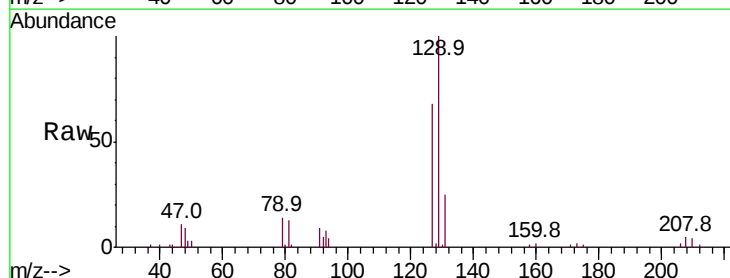
Acq: 06 Dec 2018 17:22

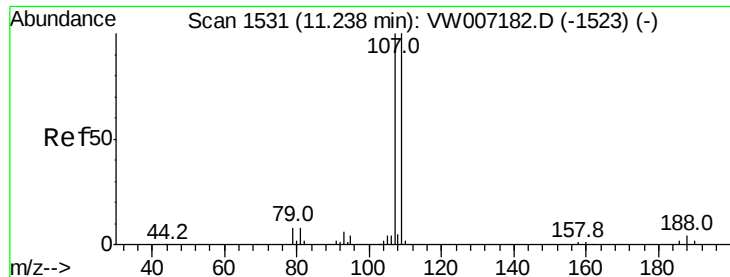
Tgt Ion: 129 Resp: 16075

Ion Ratio Lower Upper

129 100

127 76.3 39.8 119.4

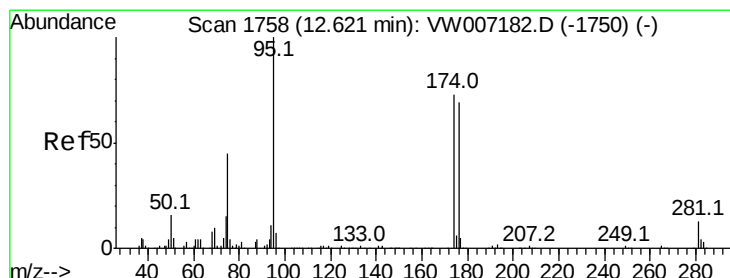
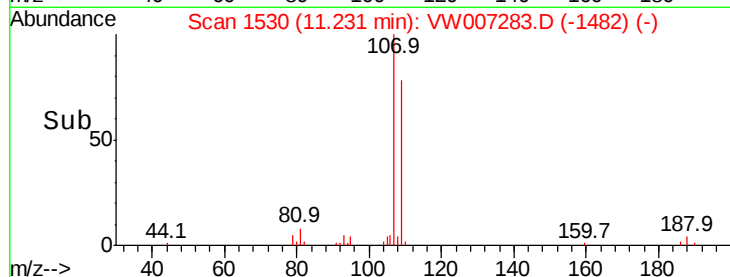
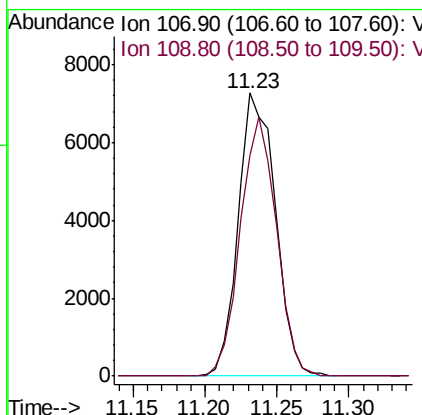
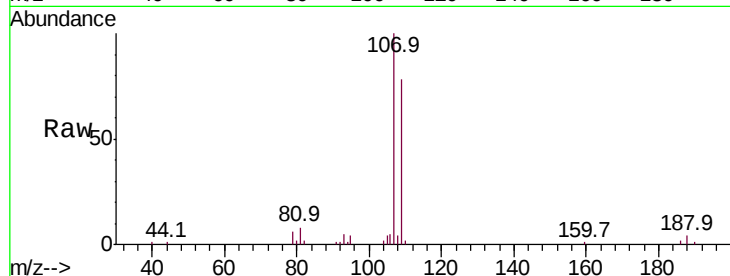




#61
 1,2-Dibromoethane
 Concen: 20.695 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

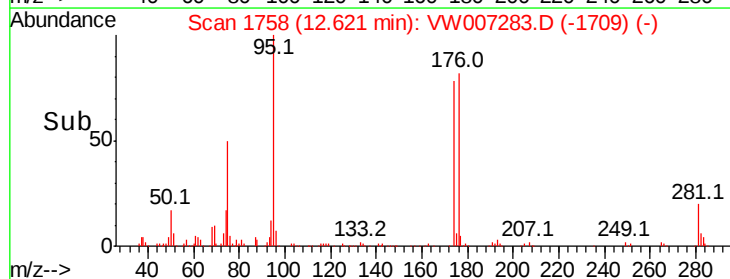
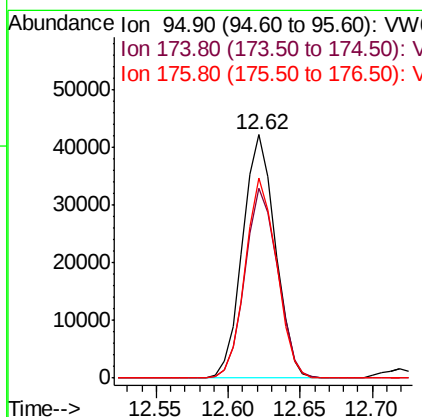
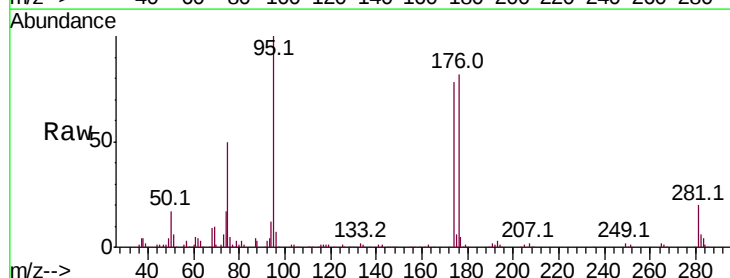
Instrument :
 MSVOA_W
 ClientSampleId :

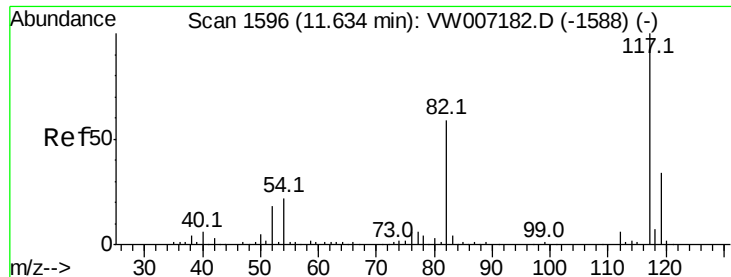
Tot Ion:107 Resp: 12974
 Ion Ratio Lower Upper
 107 100
 109 89.0 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 48.974 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion: 95 Resp: 66406
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 148.0
 176 79.0 0.0 139.4

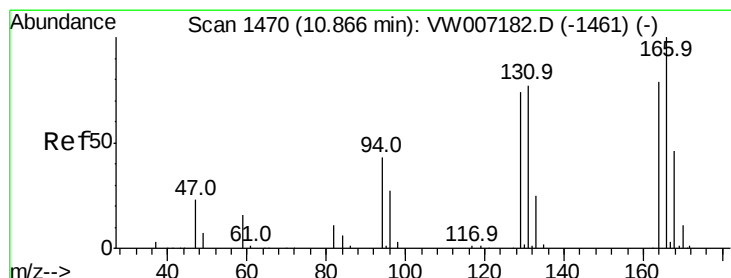
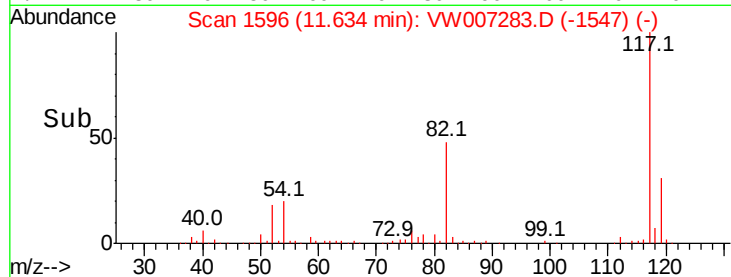
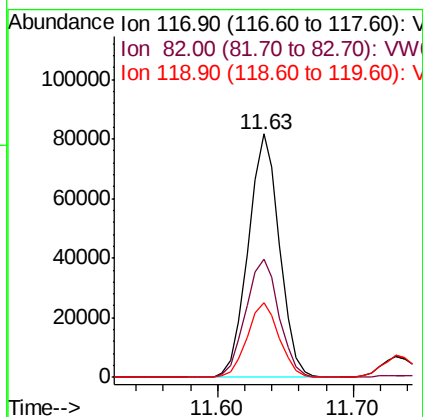
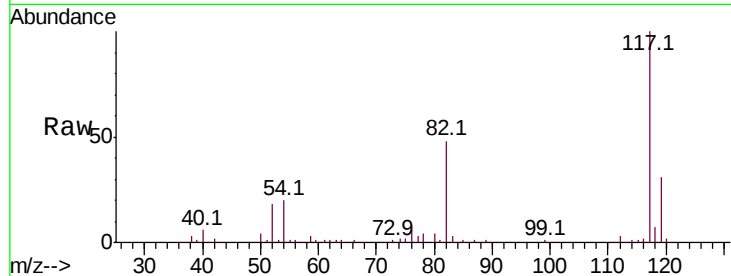




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

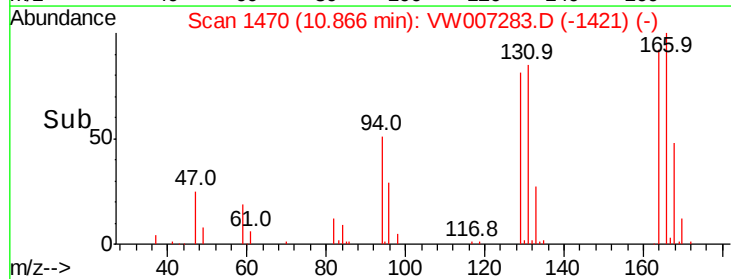
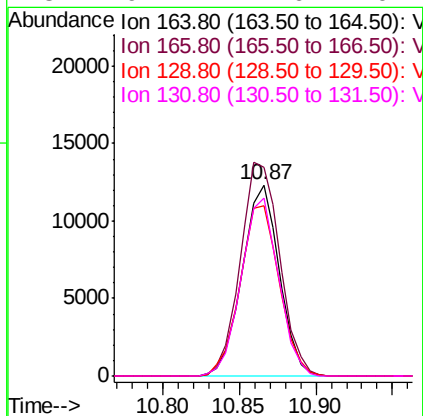
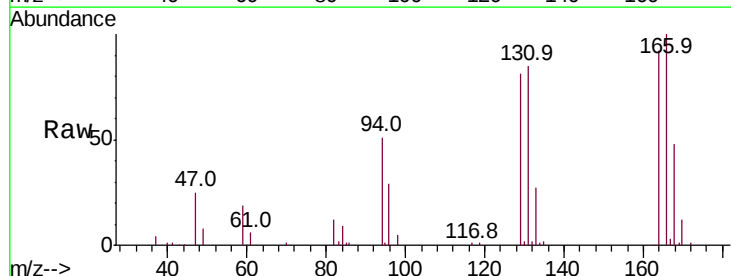
Instrument :
MSVOA_W
ClientSampleId :

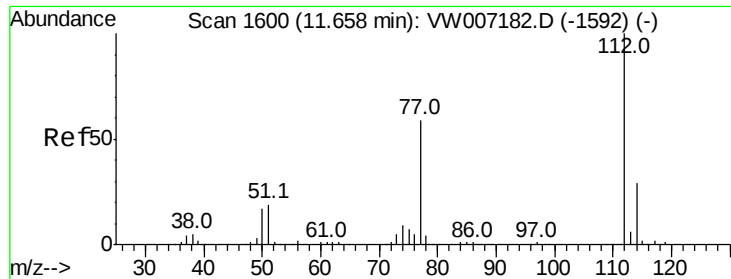
Tot Ion:117 Resp: 131532
Ion Ratio Lower Upper
117 100
82 48.3 47.4 71.2
119 30.9 26.8 40.2



#64
Tetrachloroethene
Concen: 21.621 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion:164 Resp: 20778
Ion Ratio Lower Upper
164 100
166 109.3 101.0 151.4
129 88.9 74.6 111.8
131 92.7 77.6 116.4

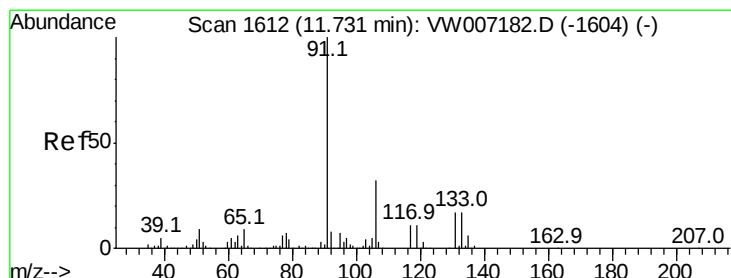
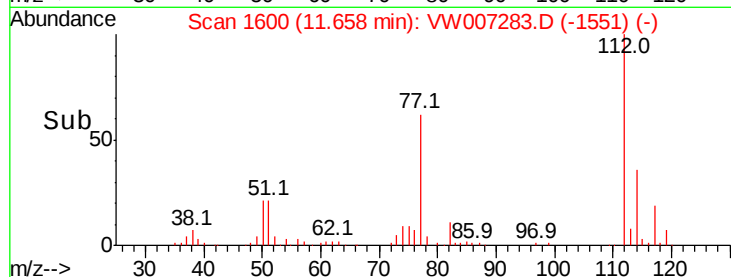
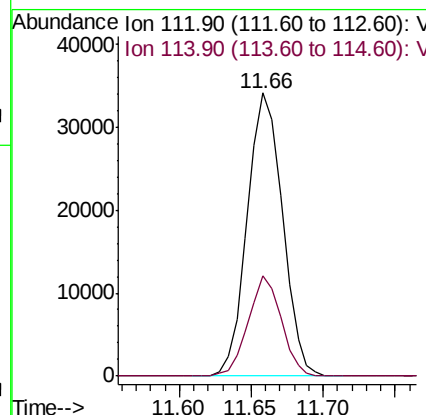
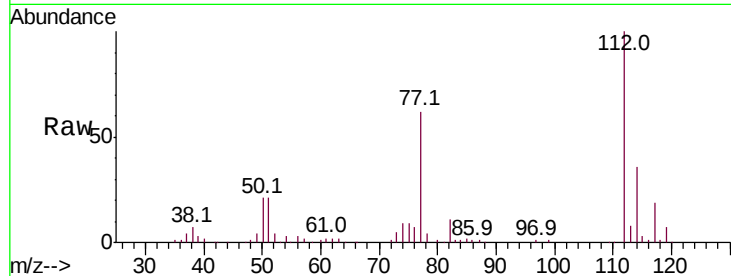




#65
Chlorobenzene
Concen: 19.715 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

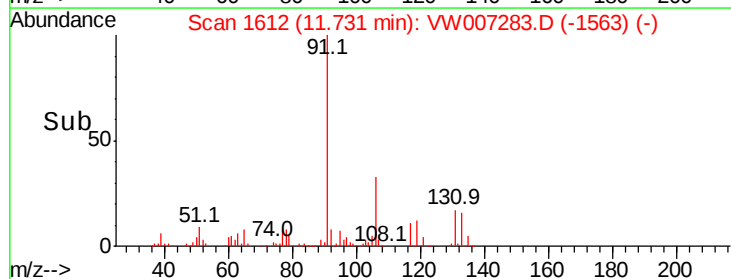
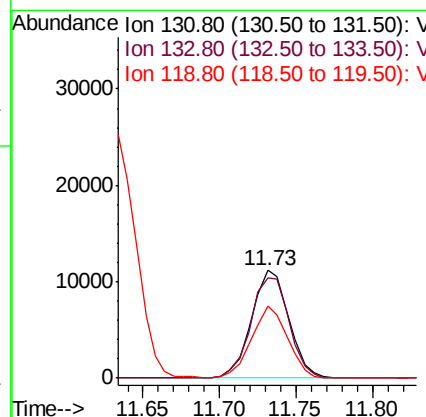
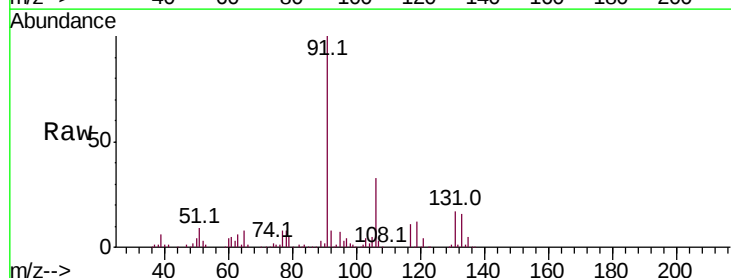
Instrument :
MSVOA_W
ClientSampleId :

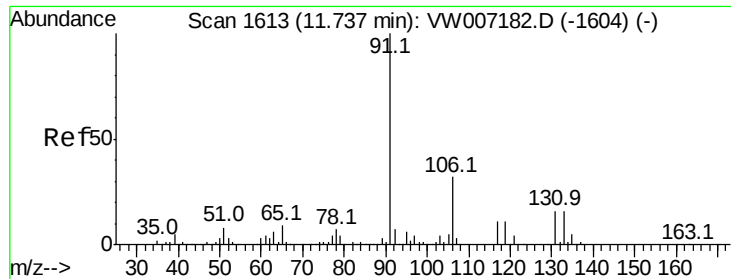
Tot Ion:112 Resp: 57915
Ion Ratio Lower Upper
112 100
114 35.5 23.0 34.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 20.932 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion:131 Resp: 18990
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 64.2 32.8 98.4

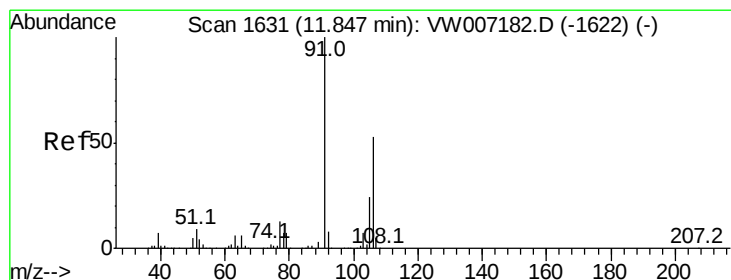
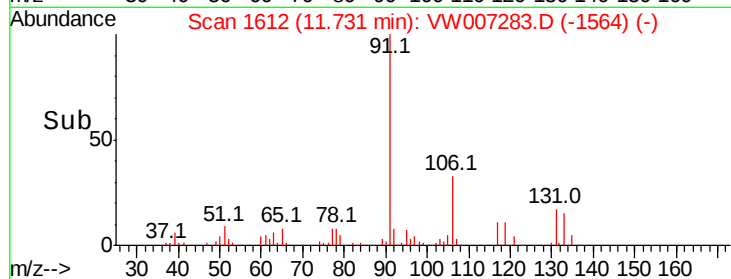
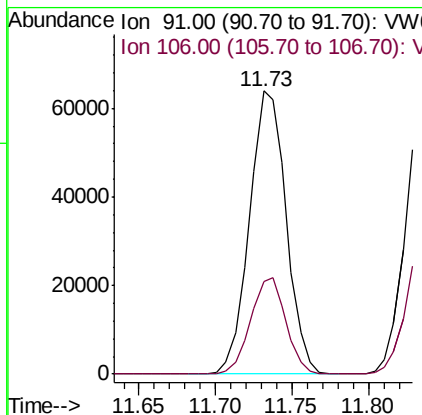
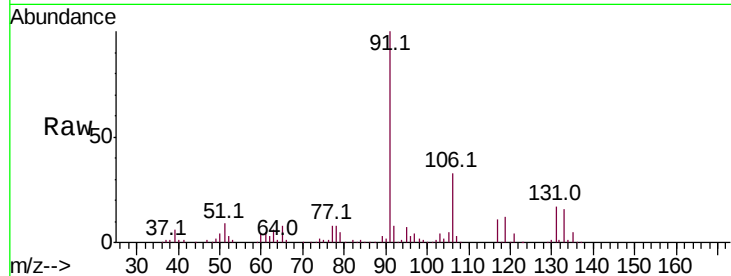




#67
Ethyl Benzene
Concen: 19.945 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

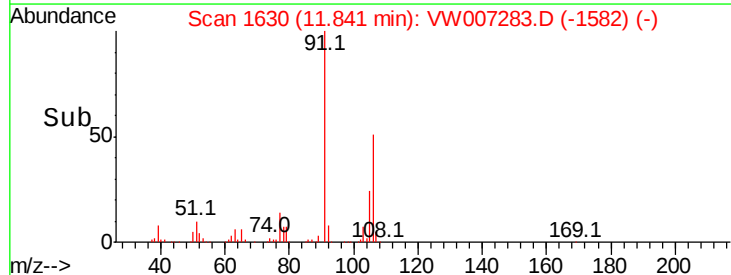
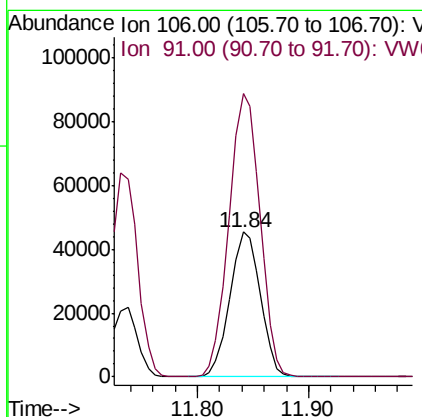
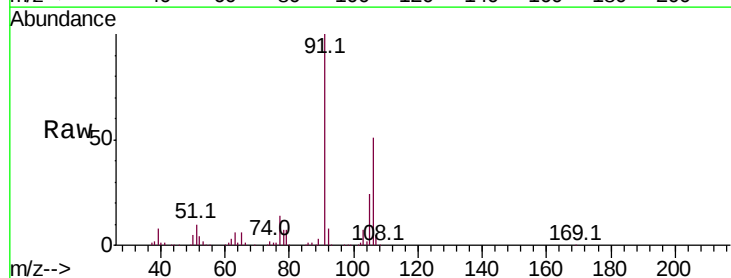
Instrument :
MSVOA_W
ClientSampleId :

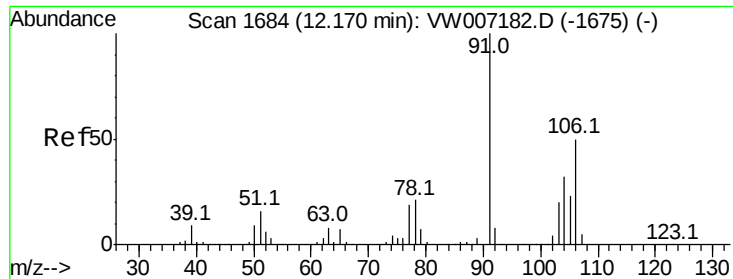
Tot Ion: 91 Resp: 106787
Ion Ratio Lower Upper
91 100
106 32.6 26.0 39.0



#68
m/p-Xylenes
Concen: 40.895 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion:106 Resp: 85897
Ion Ratio Lower Upper
106 100
91 200.1 160.2 240.4

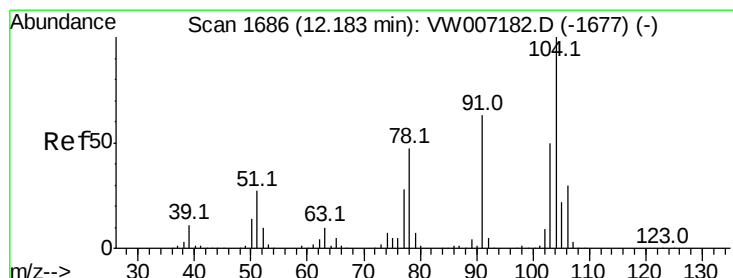
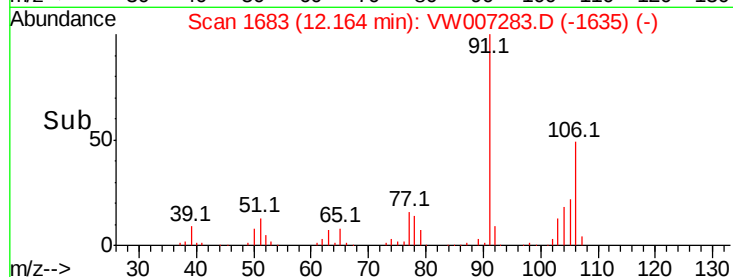
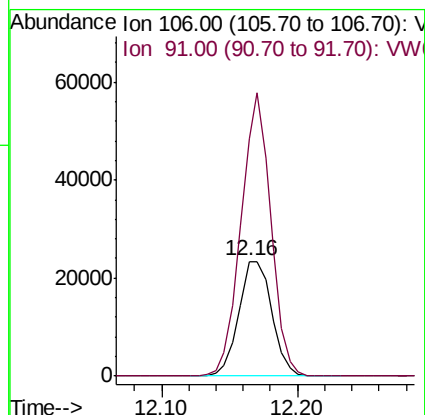
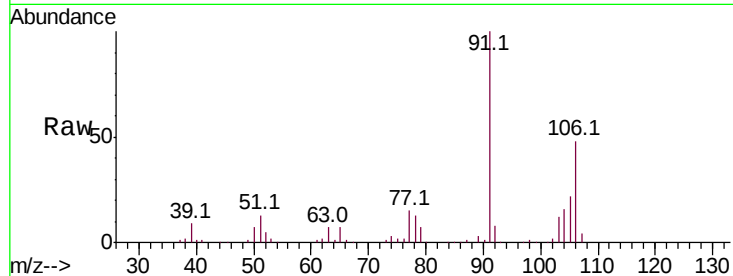




#69
o-Xylene
Concen: 20.339 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

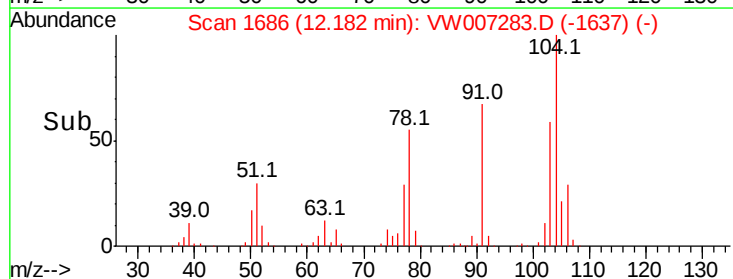
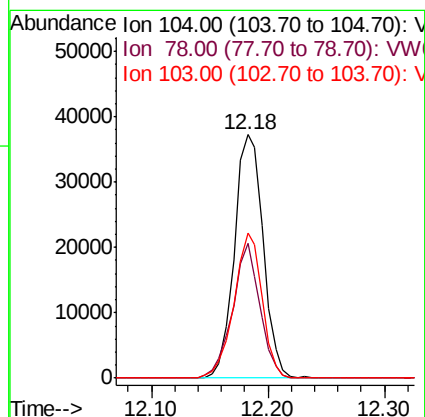
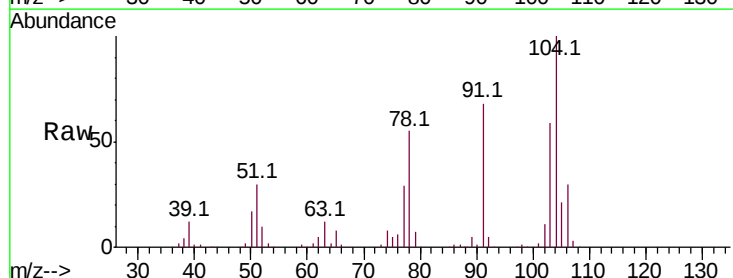
Instrument :
MSVOA_W
ClientSampled :

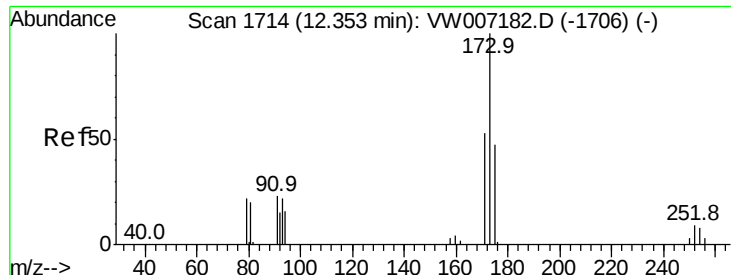
Tot Ion:106 Resp: 39914
Ion Ratio Lower Upper
106 100
91 221.1 104.9 314.7



#70
Styrene
Concen: 19.968 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion:104 Resp: 64144
Ion Ratio Lower Upper
104 100
78 52.6 40.6 60.8
103 58.1 43.0 64.4





#71

Bromoform

Concen: 19.082 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

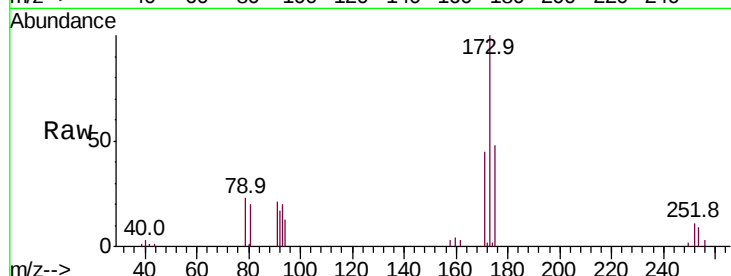
Tot Ion:173 Resp: 8666

Ion Ratio Lower Upper

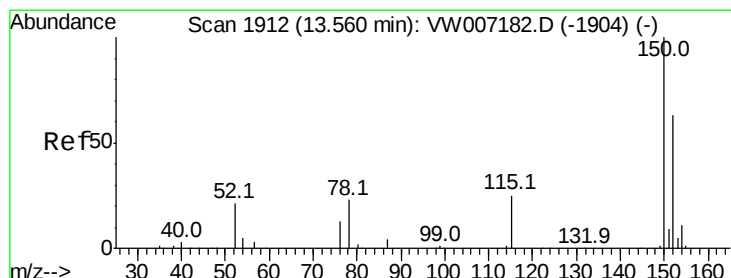
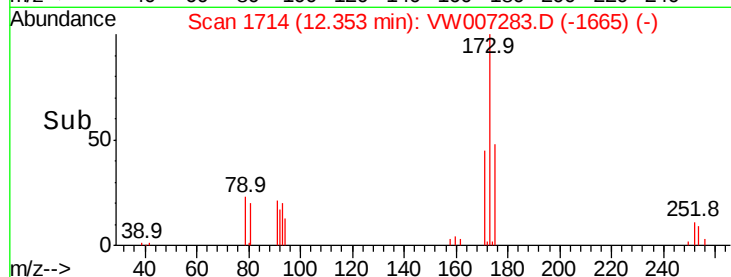
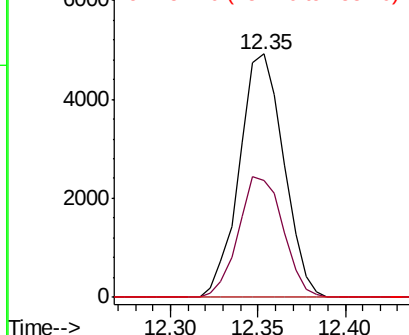
173 100

175 49.8 24.0 72.0

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: VW007283.D

Acq: 06 Dec 2018 17:22

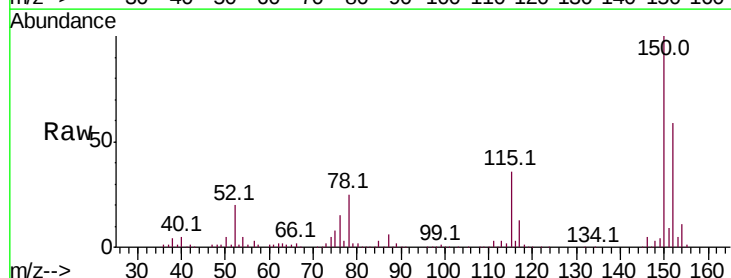
Tgt Ion:152 Resp: 64504

Ion Ratio Lower Upper

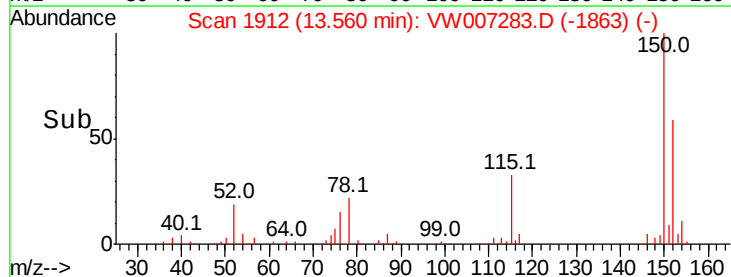
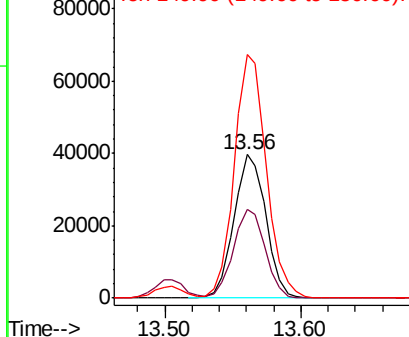
152 100

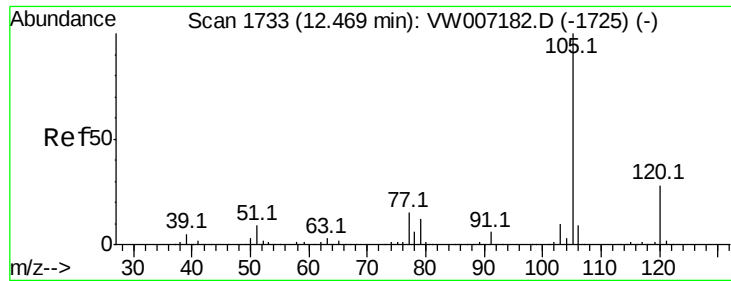
115 61.6 31.3 93.8

150 171.4 0.0 358.0



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: 21.019 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

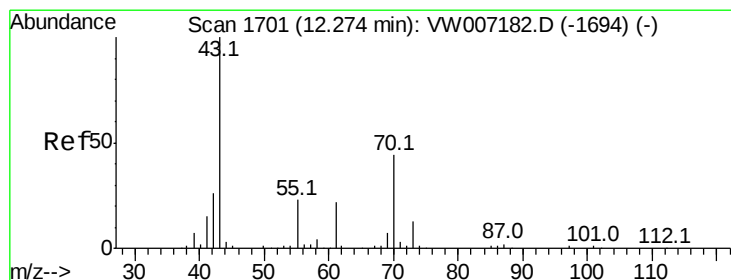
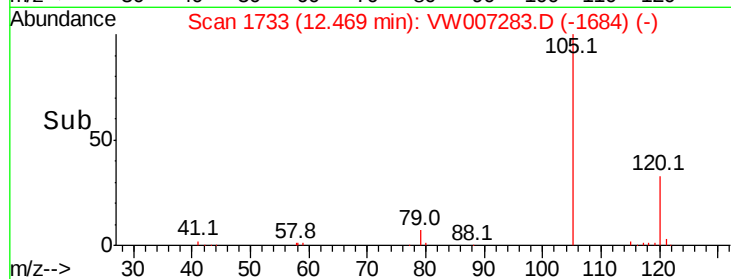
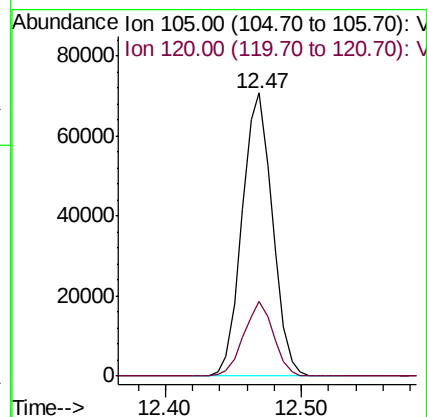
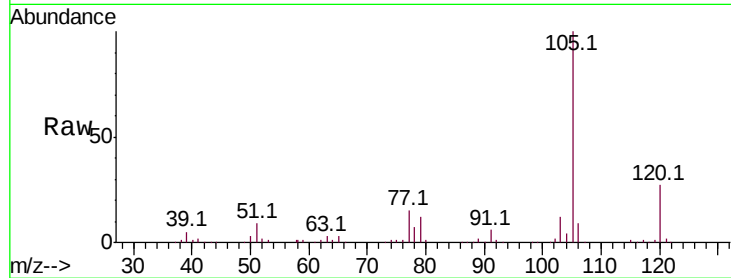
ClientSampleId :

Tot Ion:105 Resp: 110272

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 18.174 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Tgt Ion: 43 Resp: 16905

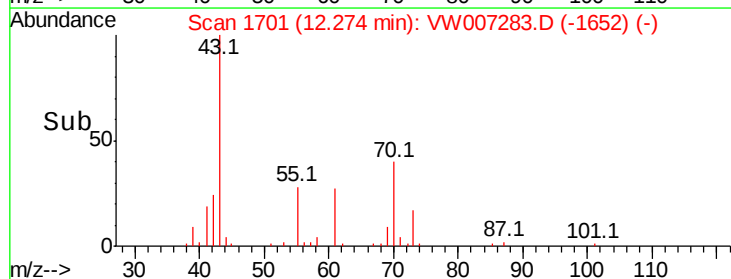
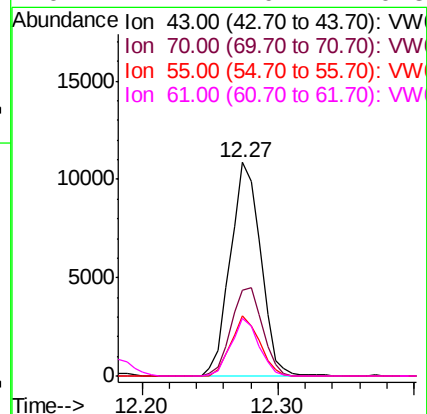
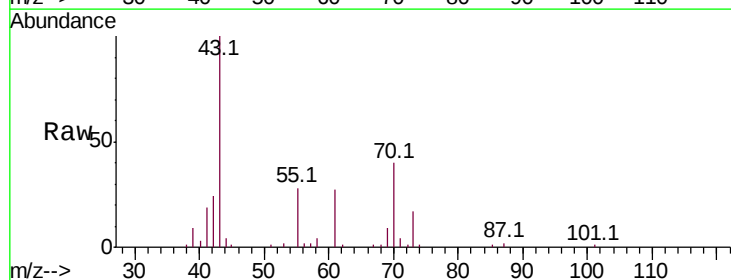
Ion Ratio Lower Upper

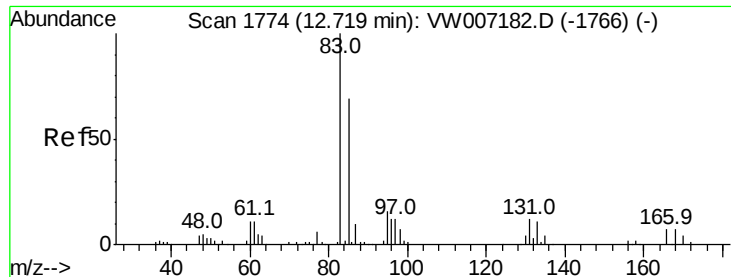
43 100

70 42.2 34.0 51.0

55 26.2 19.0 28.6

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.388 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007283.D

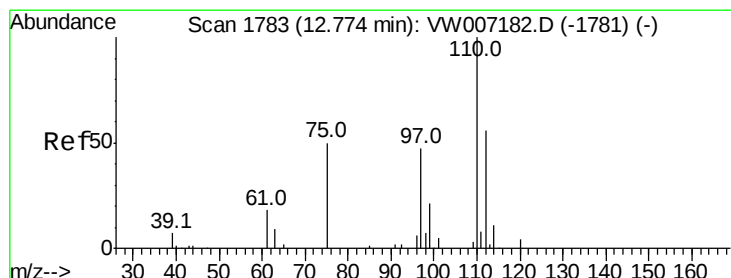
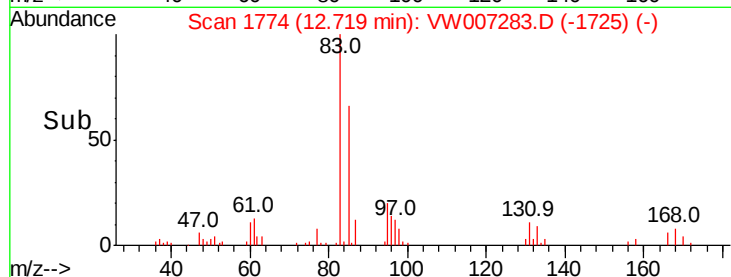
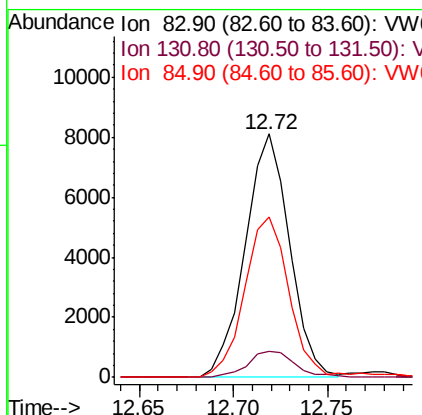
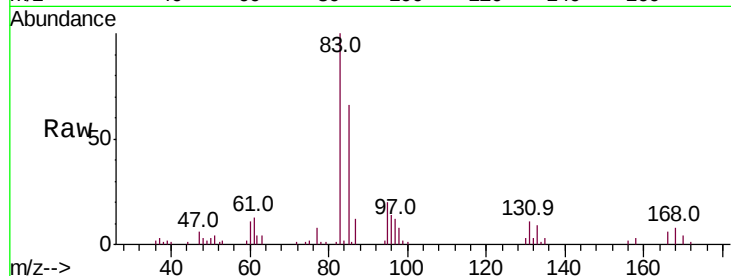
Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	83	Resp:	13210
Ion	Ratio	Lower	Upper
83	100		
131	11.5	6.0	18.1
85	66.0	33.0	99.0



#76

1,2,3-Trichloropropane

Concen: 21.401 ug/l

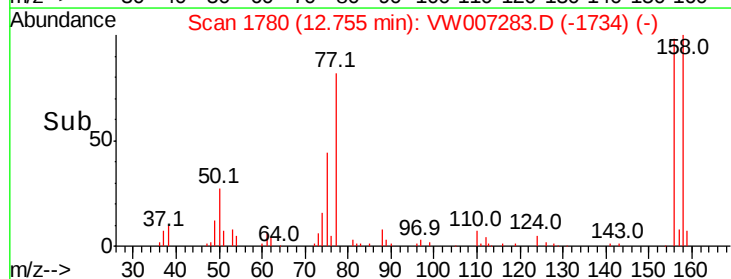
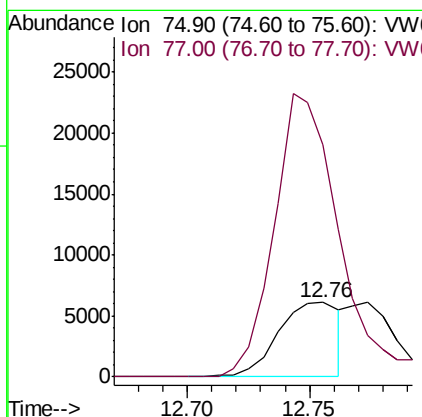
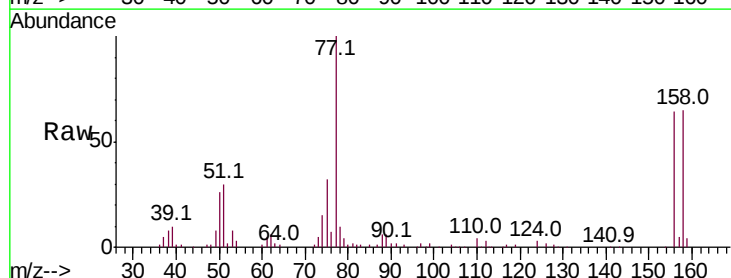
RT: 12.76 min Scan# 1780

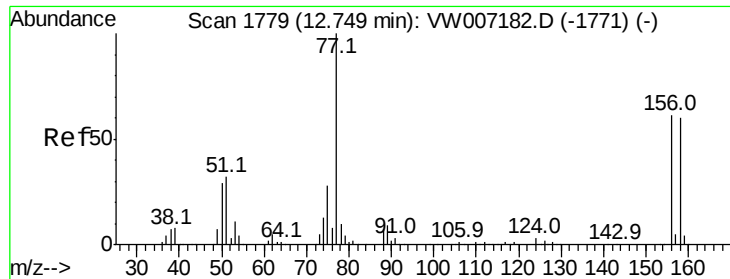
Delta R.T. -0.02 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Tgt Ion:	75	Resp:	10689
Ion	Ratio	Lower	Upper
75	100		
77	393.9	0.0	0.0#





#77

Bromobenzene

Concen: 20.592 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

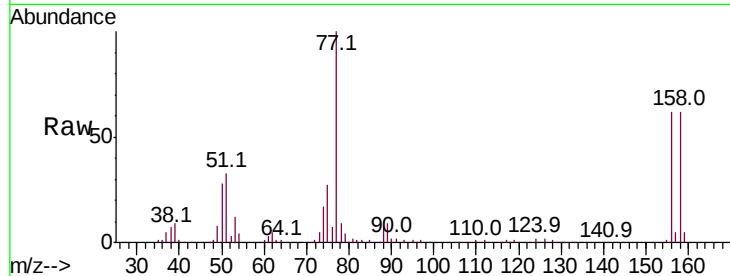
Tot Ion:156 Resp: 23319

Ion Ratio Lower Upper

156 100

77 180.6 92.0 276.1

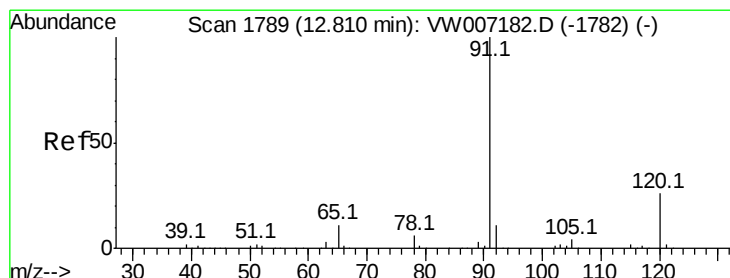
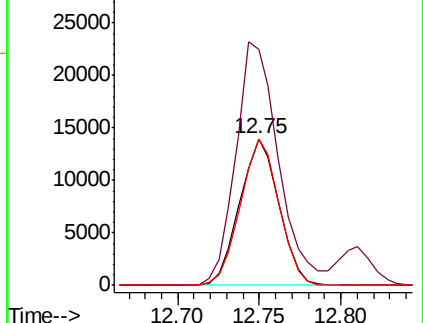
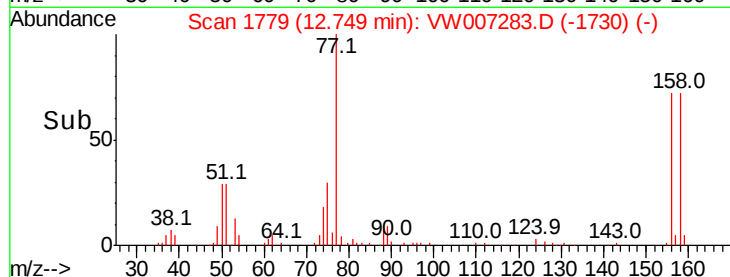
158 98.5 49.0 147.0



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: 20.948 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007283.D

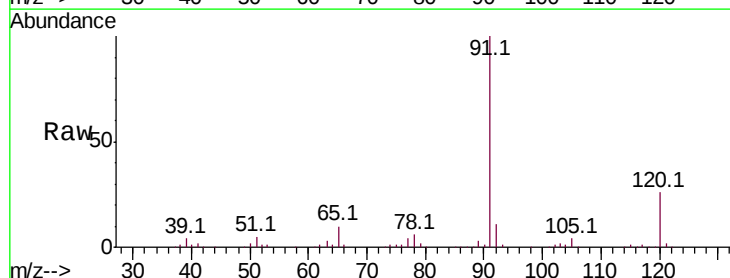
Acq: 06 Dec 2018 17:22

Tgt Ion: 91 Resp: 130933

Ion Ratio Lower Upper

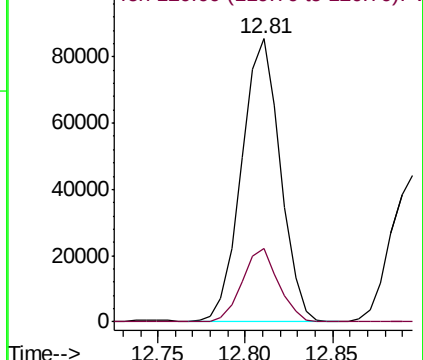
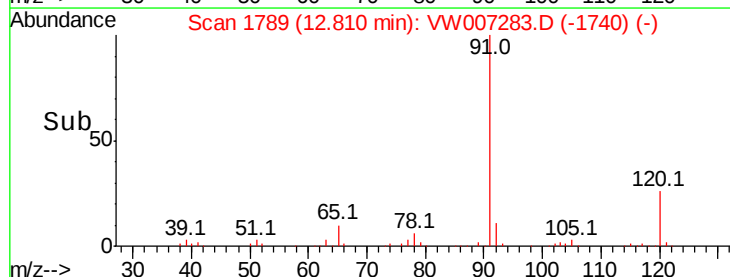
91 100

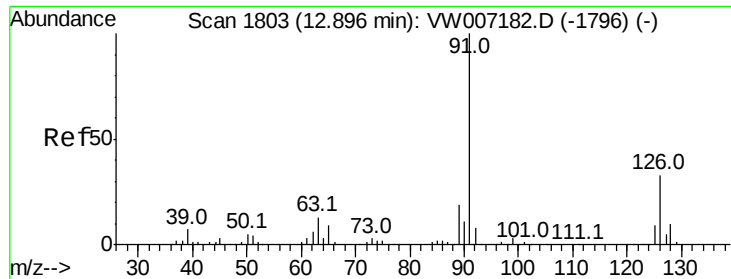
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.801 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

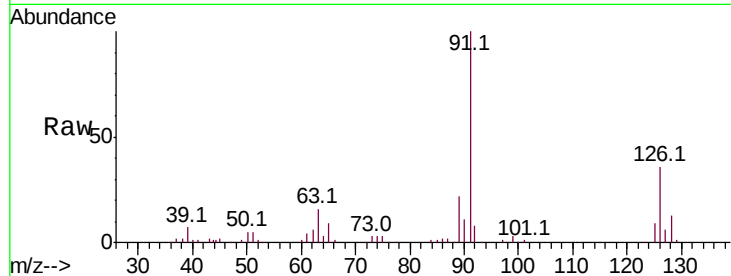
ClientSampleId :

Tot Ion: 91 Resp: 73419

Ion Ratio Lower Upper

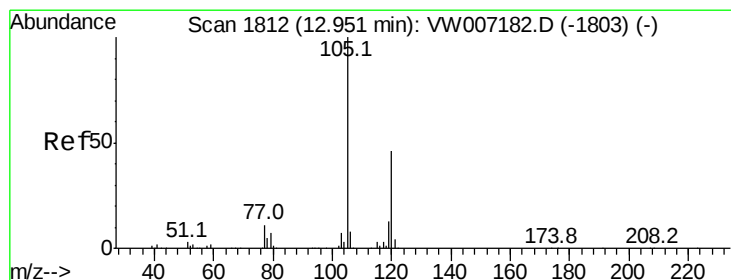
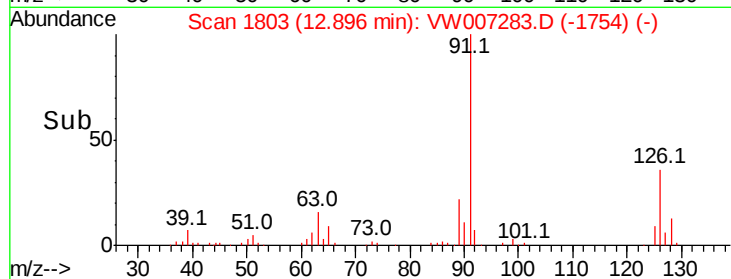
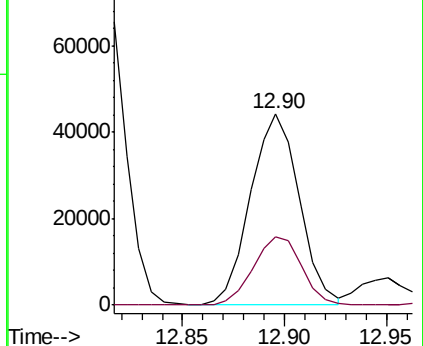
91 100

126 35.6 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.021 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007283.D

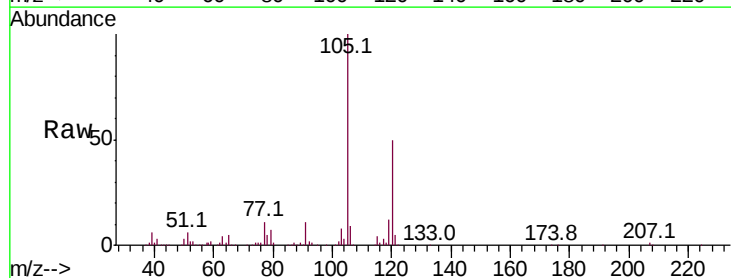
Acq: 06 Dec 2018 17:22

Tgt Ion:105 Resp: 94343

Ion Ratio Lower Upper

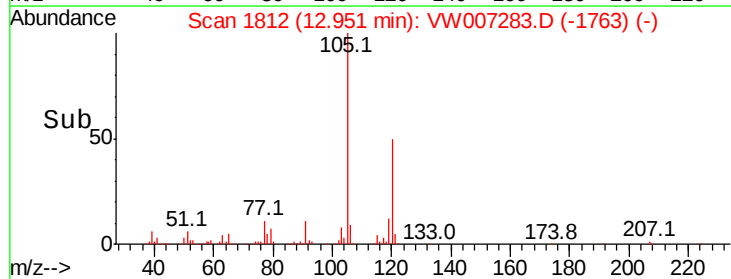
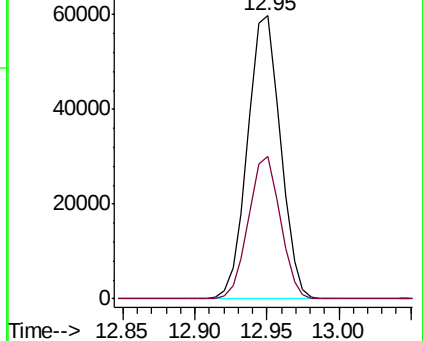
105 100

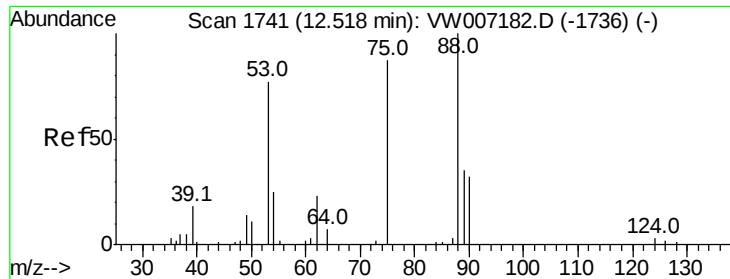
120 48.8 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.512 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampleId :

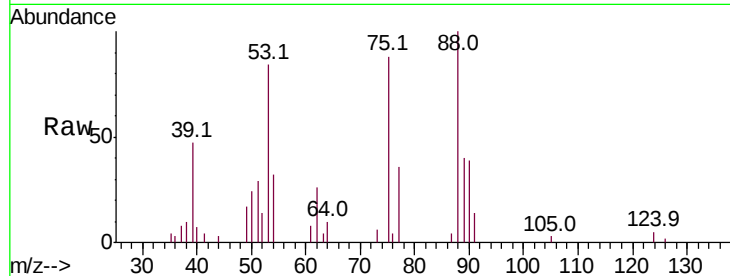
Tot Ion: 75 Resp: 4058

Ion Ratio Lower Upper

75 100

53 103.4 72.8 109.2

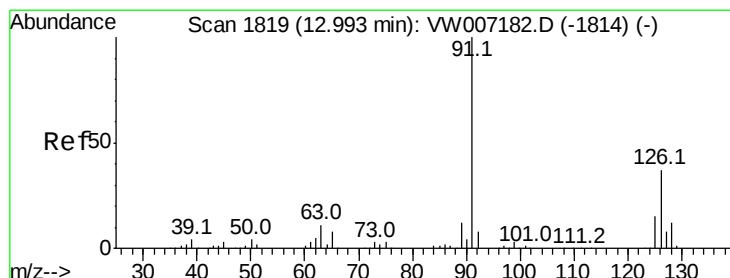
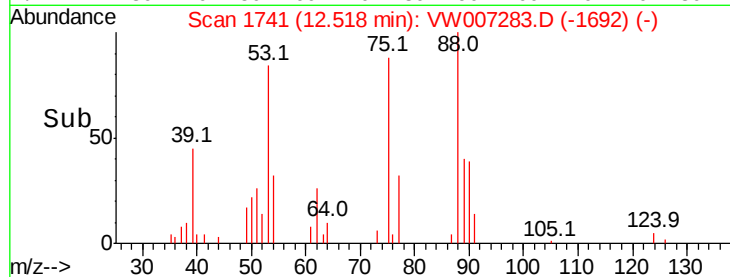
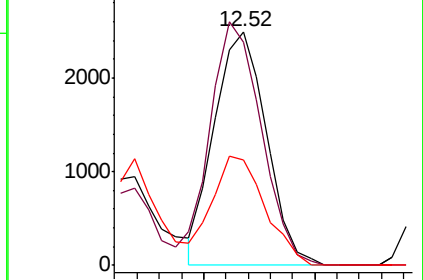
89 47.5 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.405 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007283.D

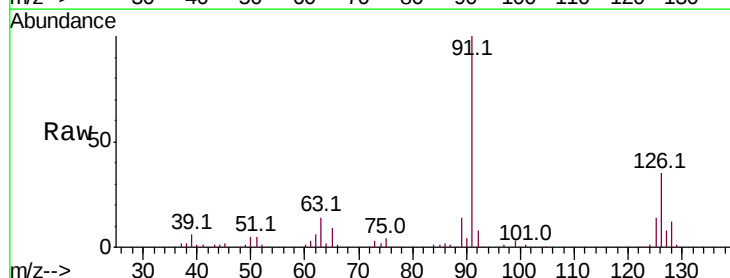
Acq: 06 Dec 2018 17:22

Tgt Ion: 91 Resp: 80373

Ion Ratio Lower Upper

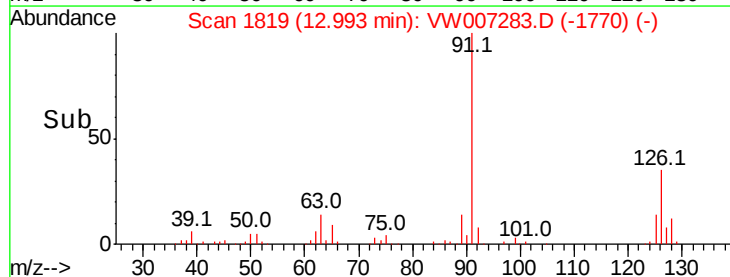
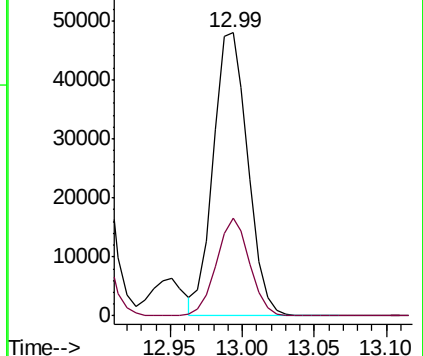
91 100

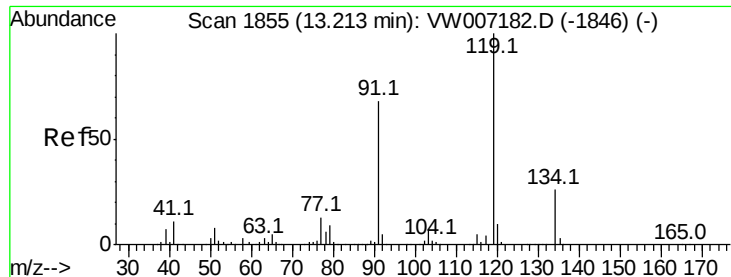
126 33.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

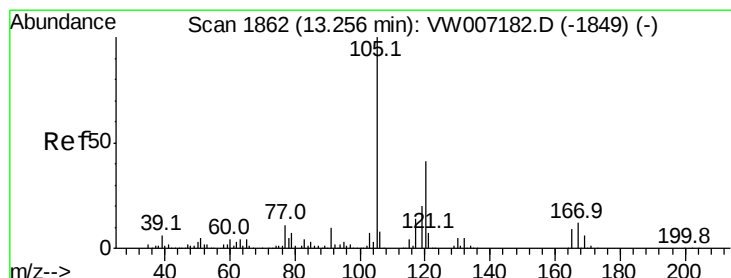
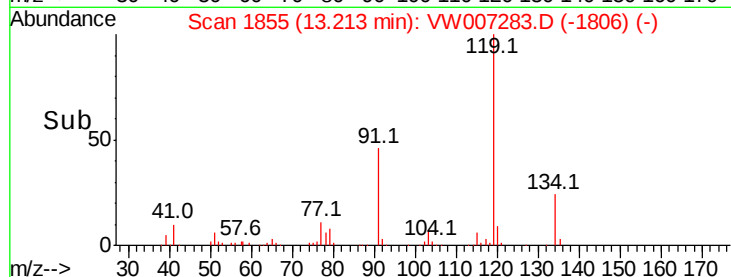
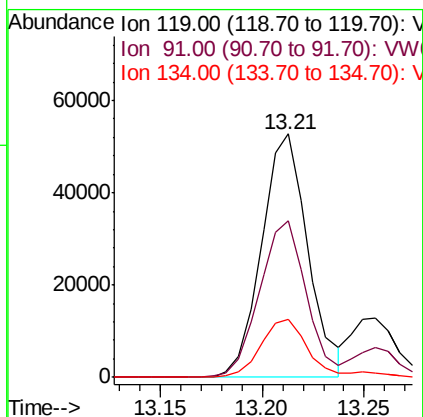
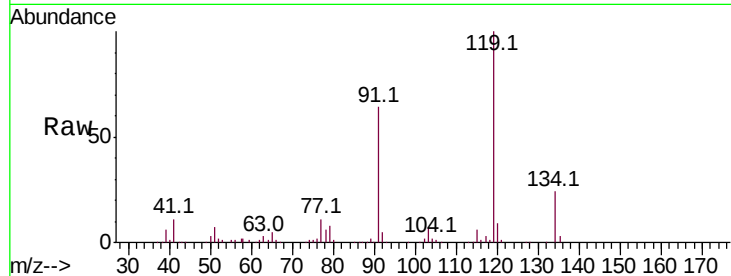




#83
tert-Butylbenzene
Concen: 21.277 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

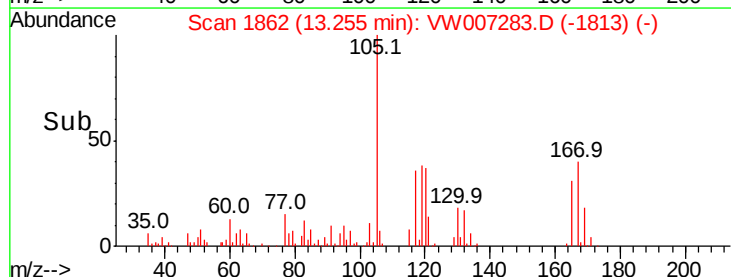
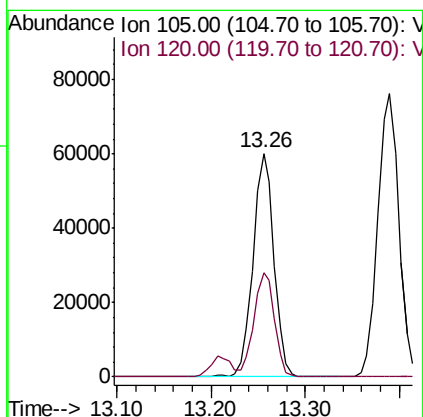
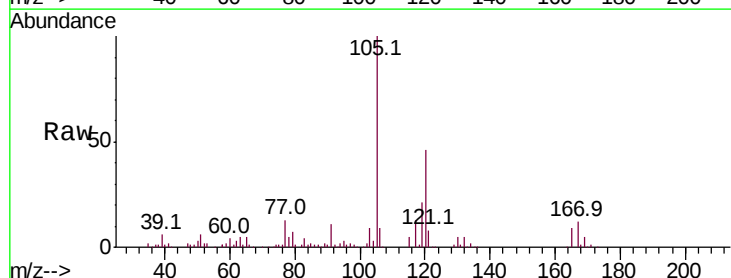
Instrument :
MSVOA_W
ClientSampleId :

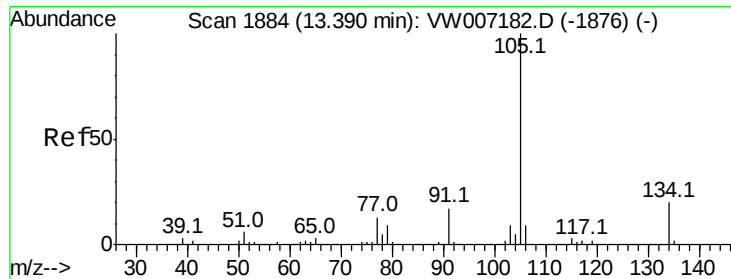
Tot Ion:119 Resp: 83453
Ion Ratio Lower Upper
119 100
91 64.6 34.0 101.8
134 23.9 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 20.586 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion:105 Resp: 94310
Ion Ratio Lower Upper
105 100
120 46.3 21.1 63.3

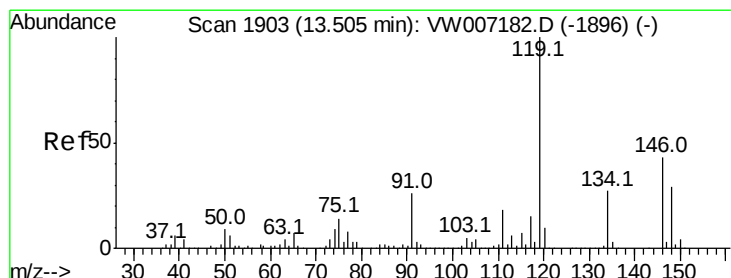
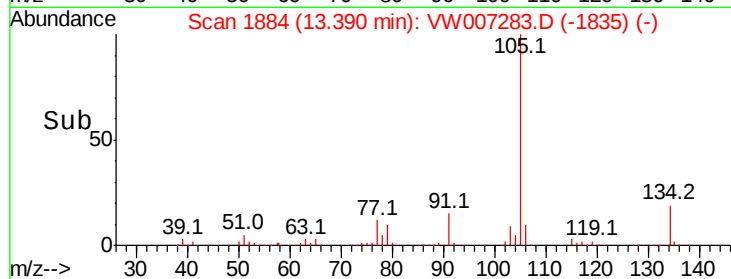
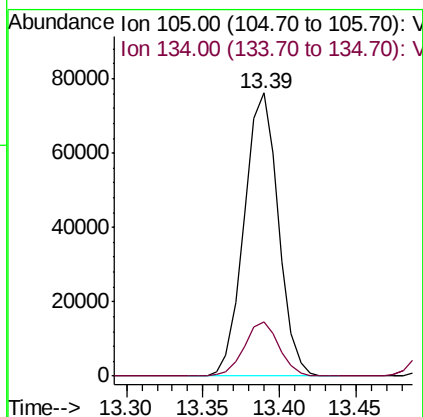
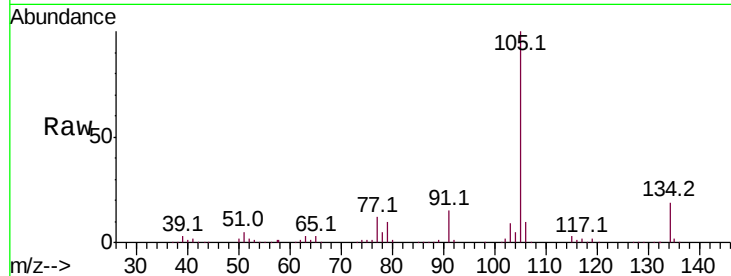




#85
 sec-Butylbenzene
 Concen: 21.132 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

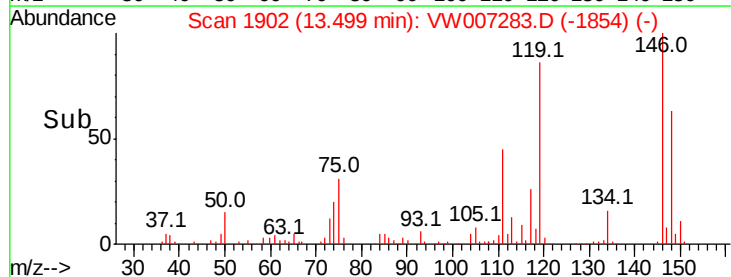
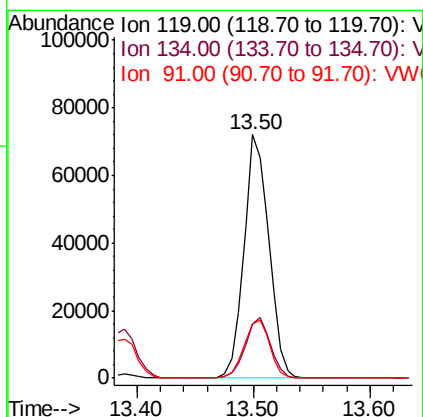
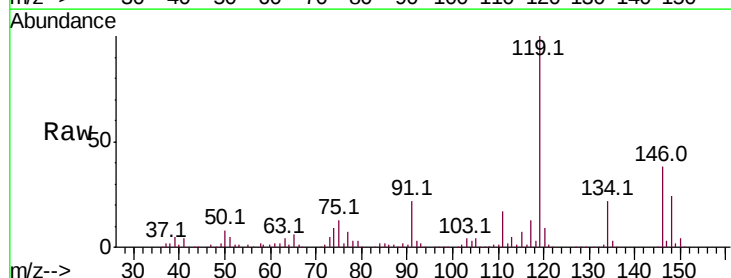
Instrument :
 MSVOA_W
 ClientSampleId :

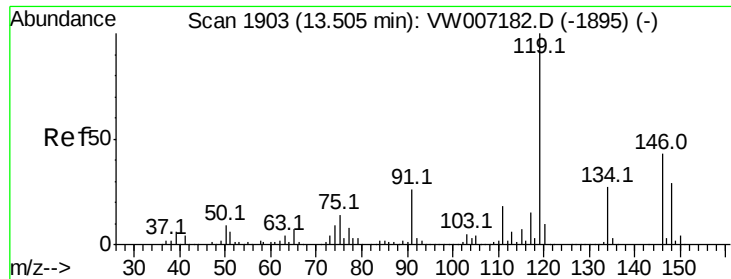
Tot Ion:105 Resp: 118325
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.562 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion:119 Resp: 107477
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.2 39.6
 91 24.6 12.4 37.2

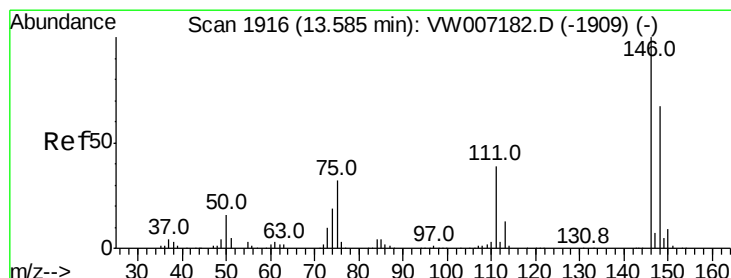
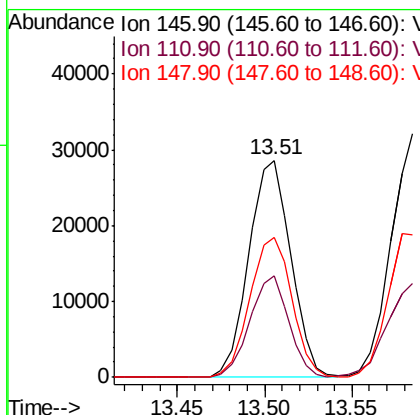
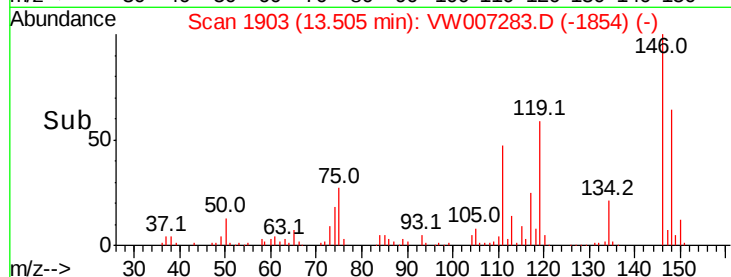
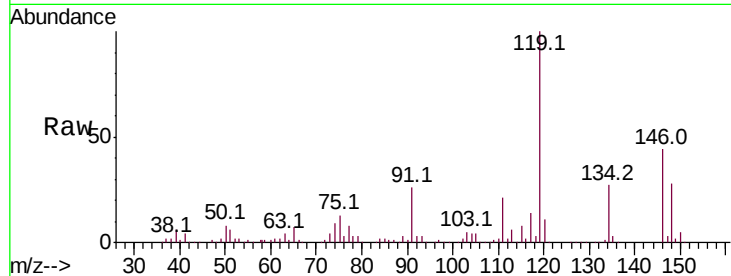




#87
 1,3-Dichlorobenzene
 Concen: 20.553 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

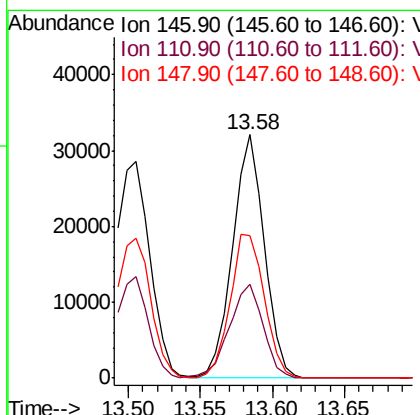
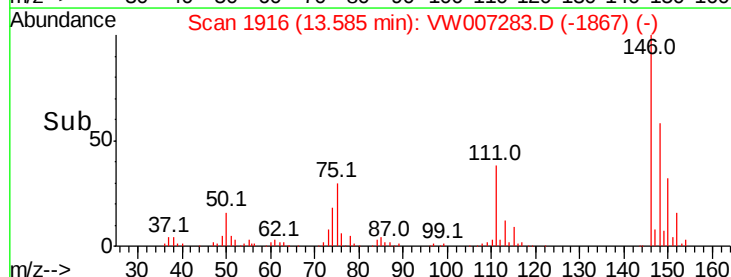
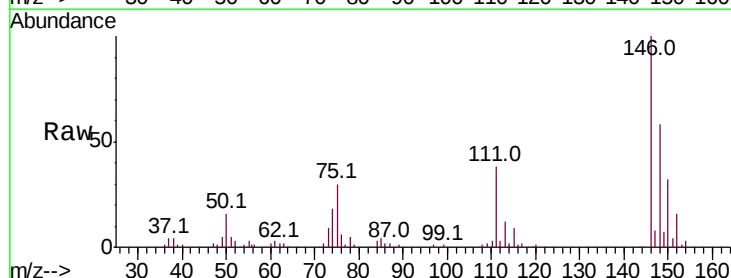
Instrument :
 MSVOA_W
 ClientSampleId :

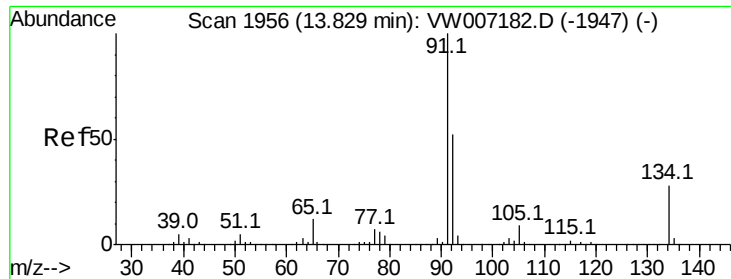
Tot Ion:146 Resp: 47781
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.4
 148 64.4 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 21.005 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion:146 Resp: 49324
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.6 58.8
 148 64.0 32.6 98.0





#89

n-Butylbenzene

Concen: 20.694 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007283.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_W

ClientSampled :

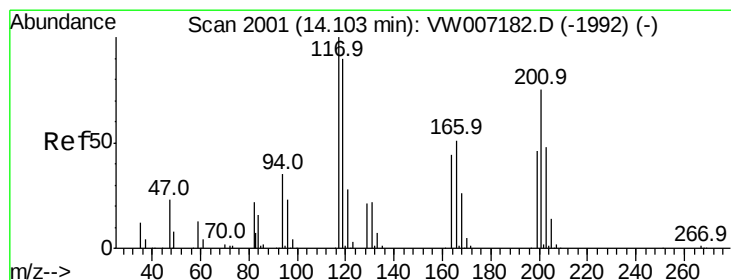
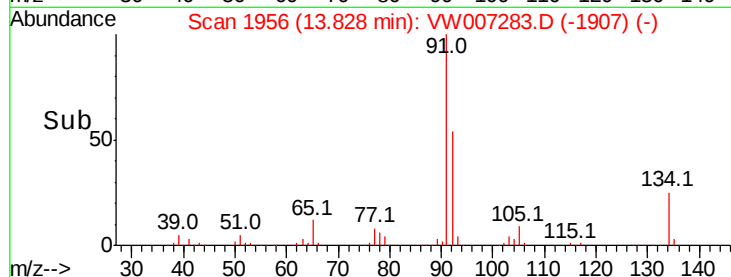
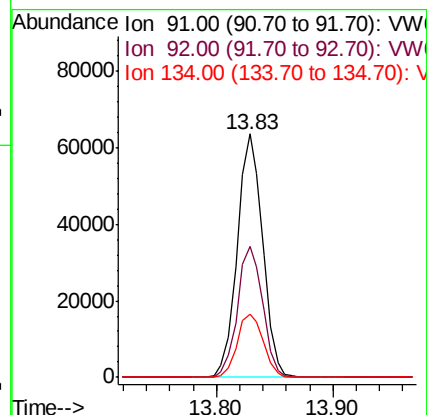
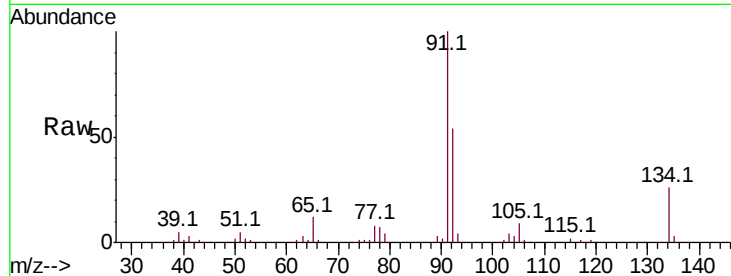
Tot Ion: 91 Resp: 96387

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

134 27.0 14.1 42.2



#90

Hexachloroethane

Concen: 20.202 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007283.D

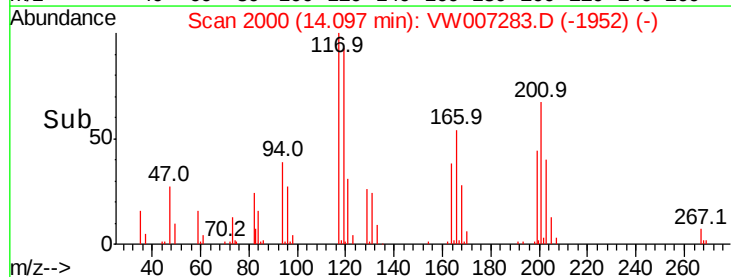
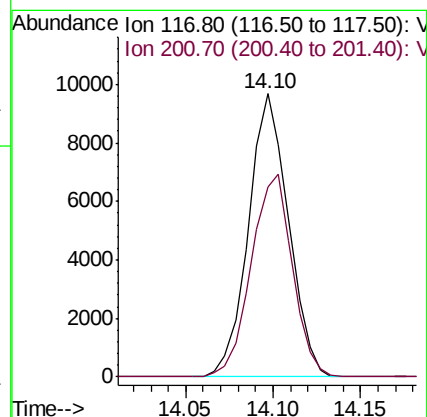
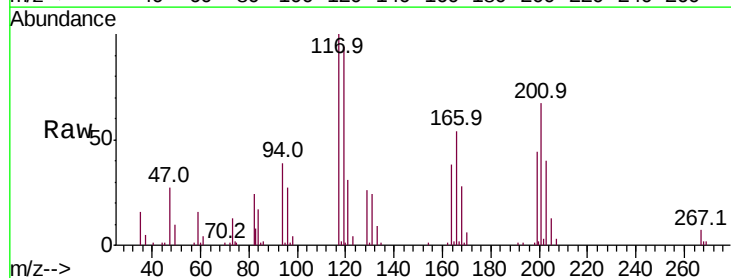
Acq: 06 Dec 2018 17:22

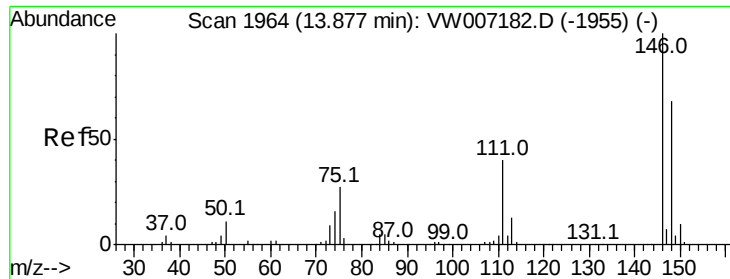
Tgt Ion: 117 Resp: 15345

Ion Ratio Lower Upper

117 100

201 74.1 36.0 108.1

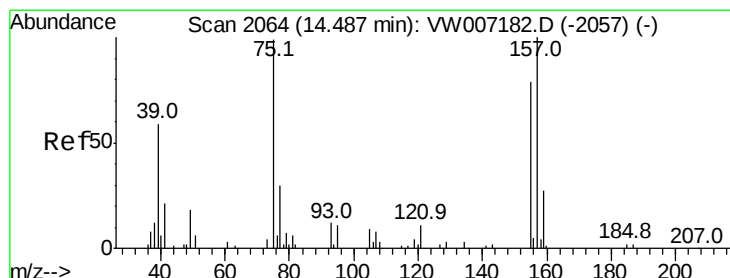
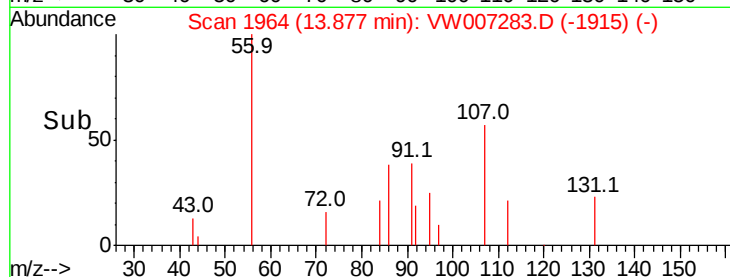
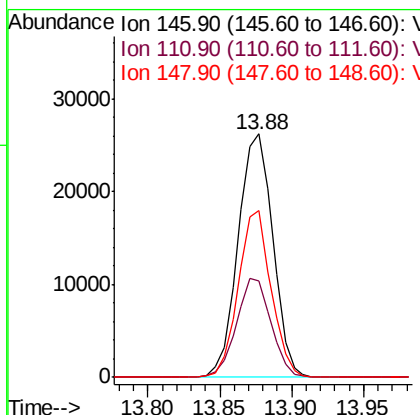
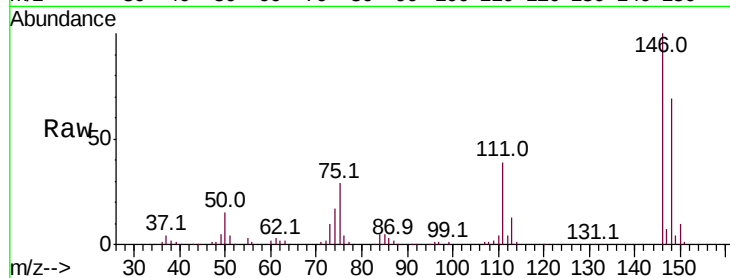




#91
 1,2-Dichlorobenzene
 Concen: 21.833 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

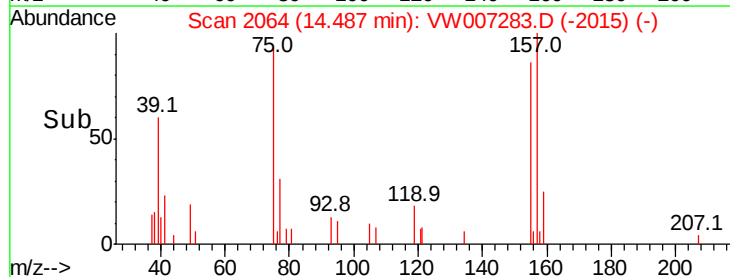
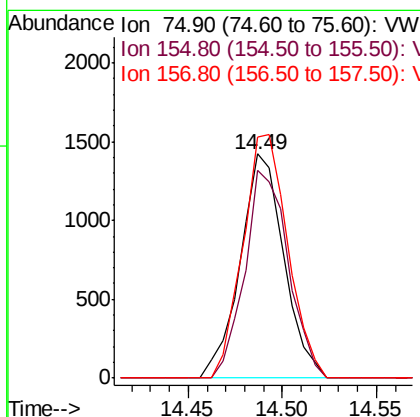
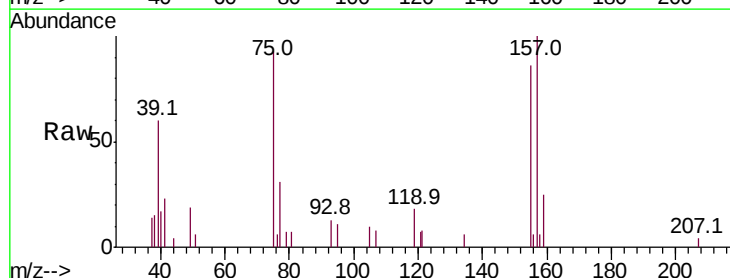
Instrument :
 MSVOA_W
 ClientSampleId :

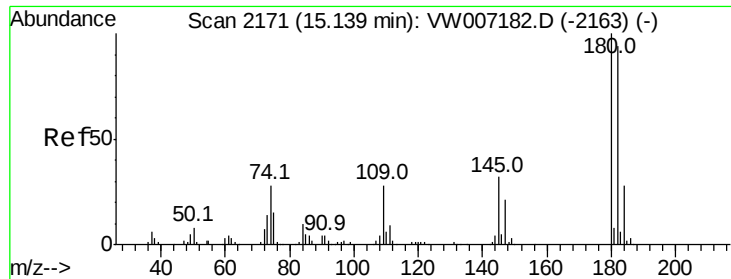
Tot Ion:146 Resp: 43939
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.6 65.0
 148 64.5 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.388 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007283.D
 Acq: 06 Dec 2018 17:22

Tgt Ion: 75 Resp: 2295
 Ion Ratio Lower Upper
 75 100
 155 91.7 42.4 127.2
 157 111.0 55.3 165.9

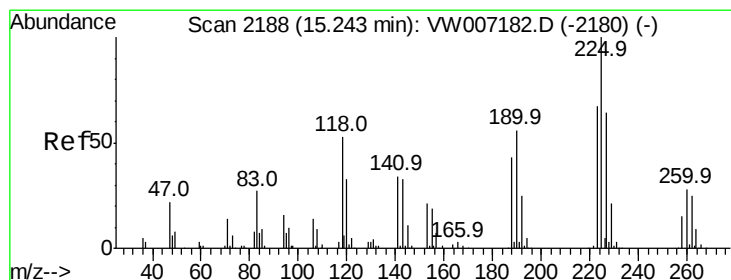
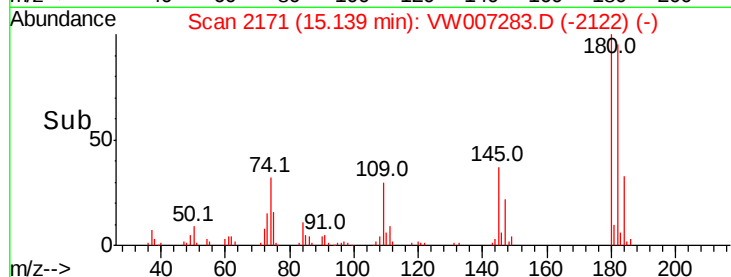
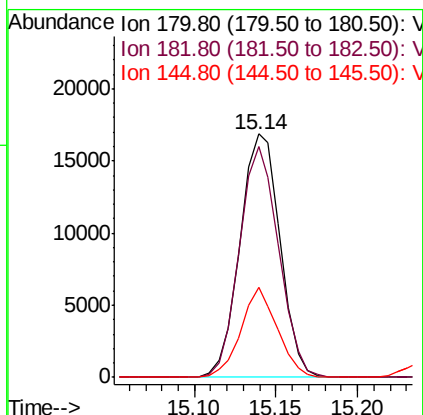
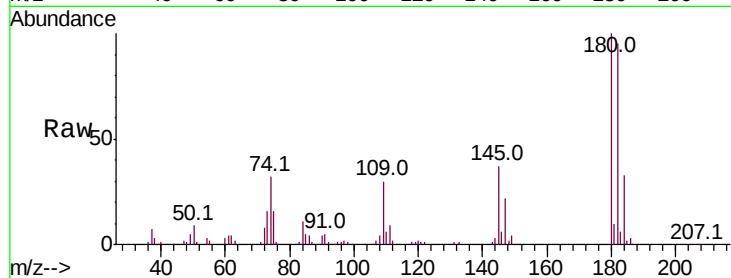




#93
1,2,4-Trichlorobenzene
Concen: 20.633 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

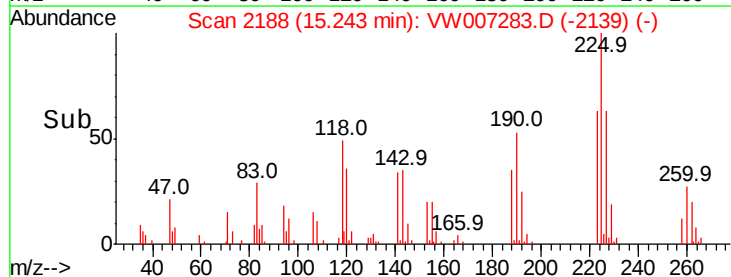
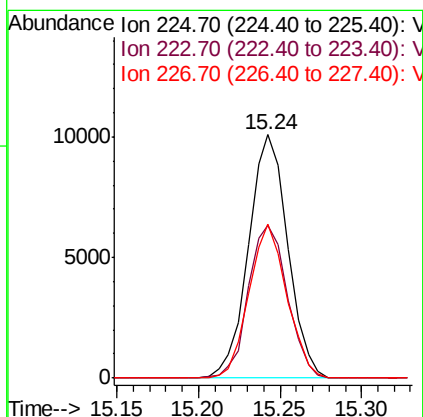
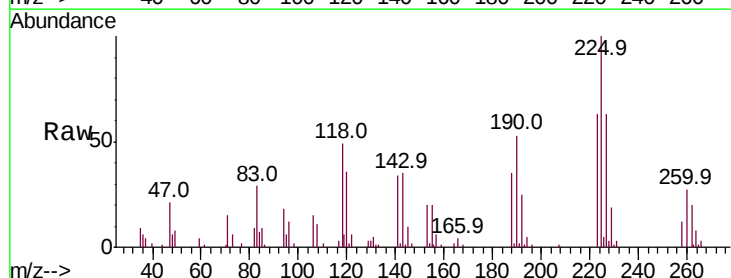
Instrument :
MSVOA_W
ClientSampleId :

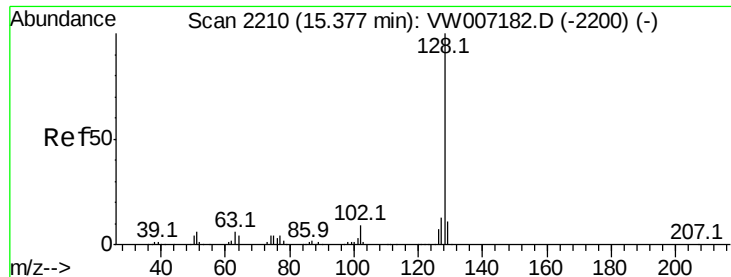
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.8
145	33.5	16.6	49.7



#94
Hexachlorobutadiene
Concen: 22.417 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.3	96.8
227	60.9	32.1	96.3

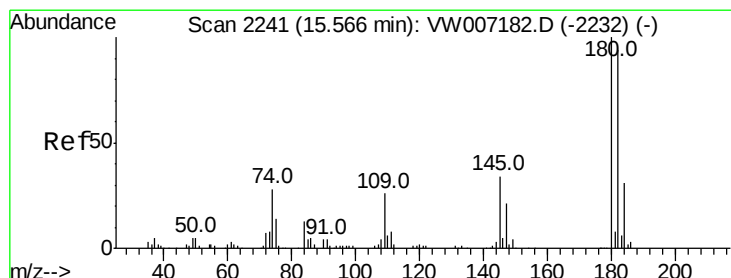
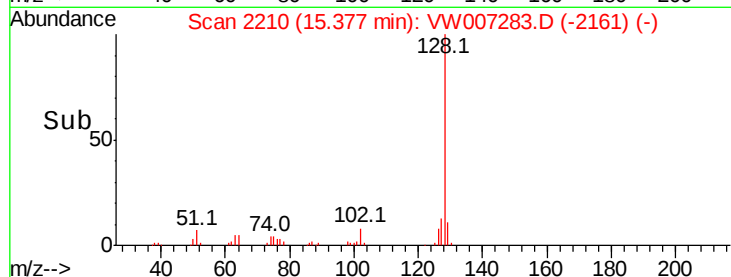
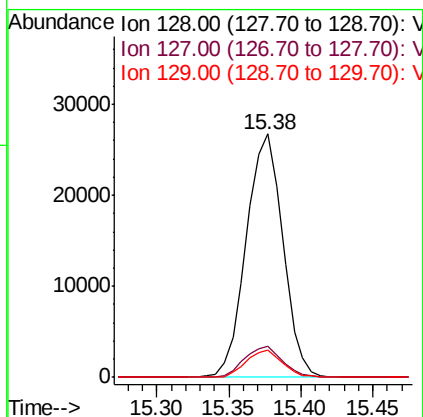
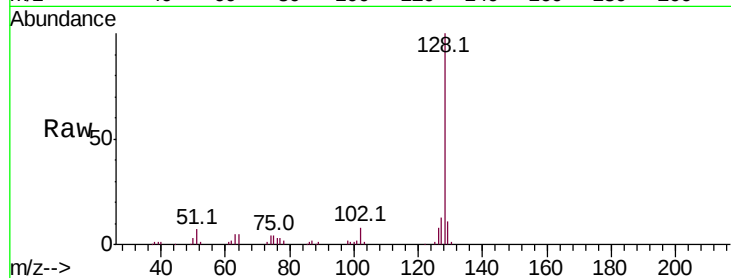




#95
Naphthalene
Concen: 18.820 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 47042
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.949 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007283.D
Acq: 06 Dec 2018 17:22

Tgt Ion:180 Resp: 23461
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 35.0 17.6 52.8

