

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005183.D
 Acq On : 07 Sep 2018 01:40
 Operator : SY/AP
 Sample : VW0906SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 07 04:18:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	415561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	619472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	616230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	343522	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	201627	58.53	ug/l	0.00
Spiked Amount			Recovery	=	117.06%	
35) Dibromofluoromethane	7.89	113	197107	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	
50) Toluene-d8	10.33	98	904216	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.63	95	336056	57.78	ug/l	0.00
Spiked Amount			Recovery	=	115.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	83744	25.008	ug/l	97
3) Chloromethane	2.21	50	121665	25.037	ug/l	99
4) Vinyl Chloride	2.35	62	112069	23.715	ug/l	99
5) Bromomethane	2.76	94	80236	25.509	ug/l	97
6) Chloroethane	2.91	64	66398	22.573	ug/l	97
7) Trichlorofluoromethane	3.26	101	125705	23.647	ug/l	98
8) Diethyl Ether	3.68	74	47604	24.751	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84766	23.215	ug/l	99
10) Methyl Iodide	4.28	142	54441	13.034	ug/l	100
11) Tert butyl alcohol	5.19	59	34668	181.098	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	79163	23.558	ug/l	99
13) Acrolein	3.90	56	22717	101.599	ug/l	99
14) Allyl chloride	4.68	41	120718	22.982	ug/l	99
15) Acrylonitrile	5.38	53	109437	134.897	ug/l	98
16) Acetone	4.14	43	93151	134.835	ug/l	98
17) Carbon Disulfide	4.38	76	278853	23.815	ug/l	98
18) Methyl Acetate	4.68	43	60510	29.774	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	216364	26.516	ug/l	100
20) Methylene Chloride	4.92	84	114662	22.422	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	95843	23.410	ug/l	97
22) Diisopropyl ether	6.32	45	279507	25.287	ug/l	99
23) Vinyl Acetate	6.26	43	742058	127.812	ug/l	100
24) 1,1-Dichloroethane	6.22	63	164978	23.879	ug/l	100
25) 2-Butanone	7.18	43	158156	131.987	ug/l	96
26) 2,2-Dichloropropane	7.17	77	115374	20.321	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	105395	23.533	ug/l	99
28) Bromochloromethane	7.51	49	67864	24.404	ug/l	99
29) Tetrahydrofuran	7.54	42	83077	135.688	ug/l	100
30) Chloroform	7.68	83	169312	24.011	ug/l	97
31) Cyclohexane	7.96	56	154744	22.872	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	142075	23.134	ug/l	99
36) 1,1-Dichloropropene	8.09	75	138975	23.556	ug/l	99
37) Ethyl Acetate	7.26	43	60157	27.265	ug/l	100
38) Carbon Tetrachloride	8.07	117	124677	22.225	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	152856	21.424	ug/l	97
40) Benzene	8.33	78	419719	23.238	ug/l	99
41) Methacrylonitrile	7.49	41	34250	26.791	ug/l	99
42) 1,2-Dichloroethane	8.40	62	106843	24.171	ug/l	100
43) Isopropyl Acetate	8.43	43	104352	25.991	ug/l	99
44) Trichloroethene	9.10	130	112812	23.150	ug/l	99
45) 1,2-Dichloropropane	9.37	63	104653	23.718	ug/l	98
46) Dibromomethane	9.46	93	50397	23.887	ug/l	99
47) Bromodichloromethane	9.65	83	124353	23.408	ug/l	98
48) Methyl methacrylate	9.44	41	47353	24.494	ug/l	99
49) 1,4-Dioxane	9.47	88	17550	514.370	ug/l #	85
51) 4-Methyl-2-Pentanone	10.22	43	360167	133.851	ug/l	100
52) Toluene	10.40	92	281635	23.013	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	125104	23.966	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	151551	23.872	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	83950	25.699	ug/l	98
56) Ethyl methacrylate	10.65	69	93227	25.015	ug/l	98
57) 1,3-Dichloropropane	10.94	76	136074	25.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	196978	111.542	ug/l	100
59) 2-Hexanone	10.98	43	242211	133.086	ug/l	100
60) Dibromochloromethane	11.13	129	91216	24.699	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73136	24.798	ug/l	99
64) Tetrachloroethene	10.87	164	112868	23.344	ug/l	97
65) Chlorobenzene	11.66	112	312857	22.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98733	23.290	ug/l	100
67) Ethyl Benzene	11.74	91	524849	22.379	ug/l	100
68) m/p-Xylenes	11.85	106	436266	46.459	ug/l	99
69) o-Xylene	12.17	106	200646	23.111	ug/l	100
70) Styrene	12.19	104	336896	23.491	ug/l	100
71) Bromoform	12.35	173	54956	24.459	ug/l #	99
73) Isopropylbenzene	12.47	105	532224	21.973	ug/l	100
74) N-amyl acetate	12.28	43	99600	23.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	91817	24.900	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	111958	43.419	ug/l #	100
77) Bromobenzene	12.76	156	134503	22.536	ug/l	99
78) n-propylbenzene	12.81	91	640908	21.918	ug/l	100
79) 2-Chlorotoluene	12.90	91	380254	22.290	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	468096	22.347	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	22816	21.297	ug/l	95
82) 4-Chlorotoluene	13.00	91	396207	21.994	ug/l	99
83) tert-Butylbenzene	13.21	119	381925	21.833	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	472583	22.153	ug/l	100
85) sec-Butylbenzene	13.39	105	568197	22.103	ug/l	99
86) p-Isopropyltoluene	13.51	119	498414	21.902	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	271296	22.129	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	268692	22.094	ug/l	99
89) n-Butylbenzene	13.83	91	450762	21.374	ug/l	99
90) Hexachloroethane	14.10	117	81547	21.574	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	244199	22.853	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14502	25.167	ug/l	96

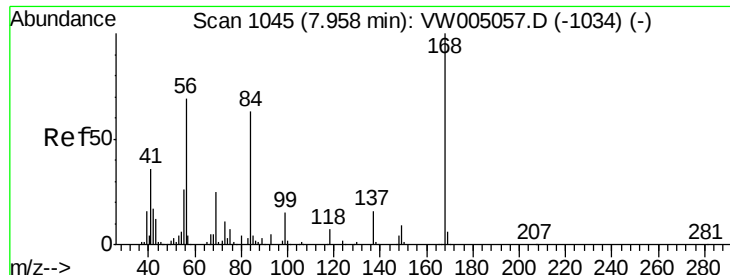
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	157310	21.956	ug/l	99
94) Hexachlorobutadiene	15.24	225	97839	21.956	ug/l	99
95) Naphthalene	15.38	128	265579	23.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	141887	23.140	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. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

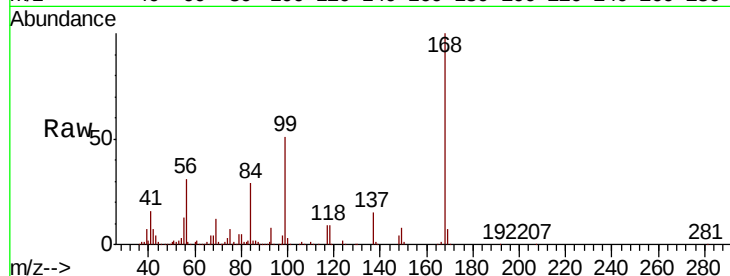
ClientSampleId :

Tgt Ion:168 Resp: 415561

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

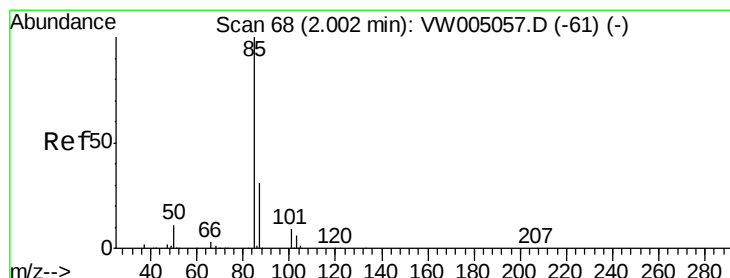
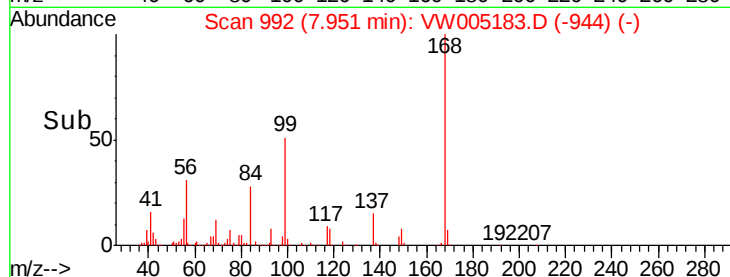
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 25.008 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005183.D

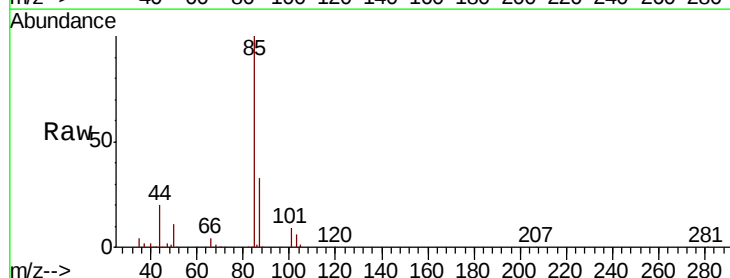
Acq: 07 Sep 2018 01:40

Tgt Ion: 85 Resp: 83744

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

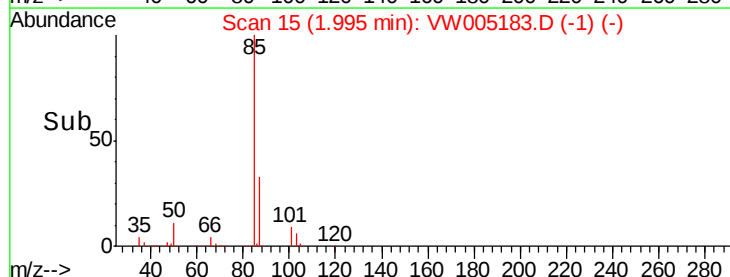
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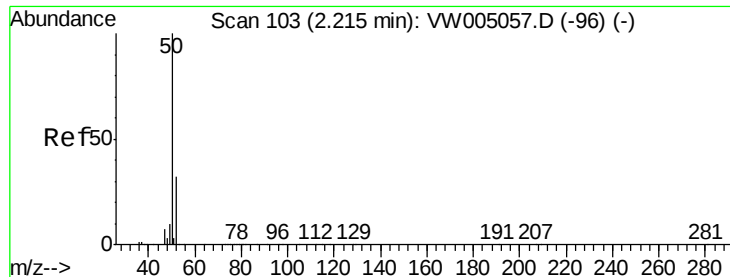
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 25.037 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

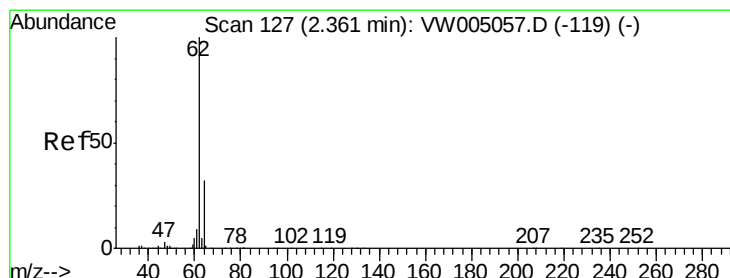
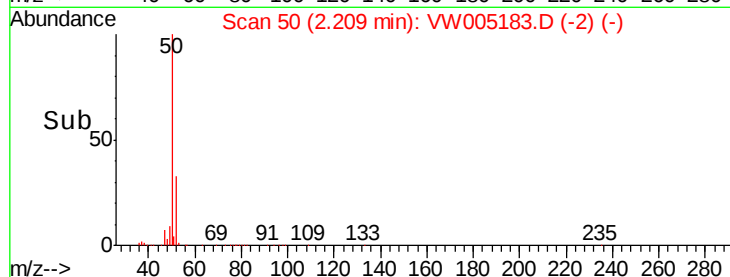
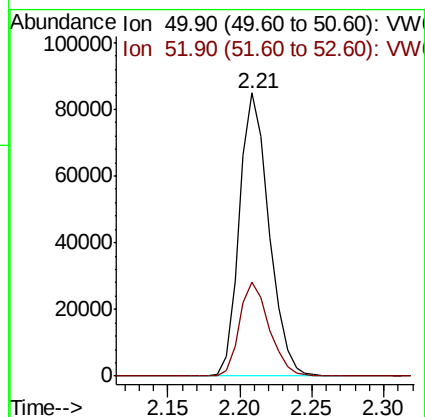
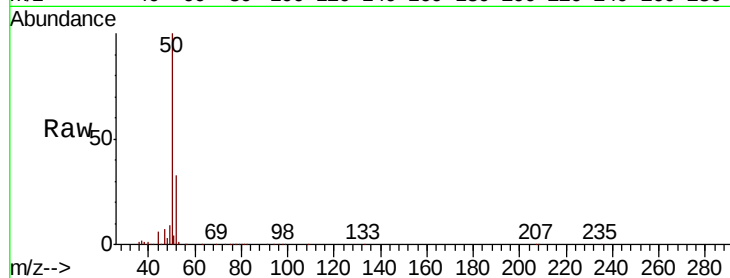
ClientSampleId :

Tgt Ion: 50 Resp: 121665

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 23.715 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005183.D

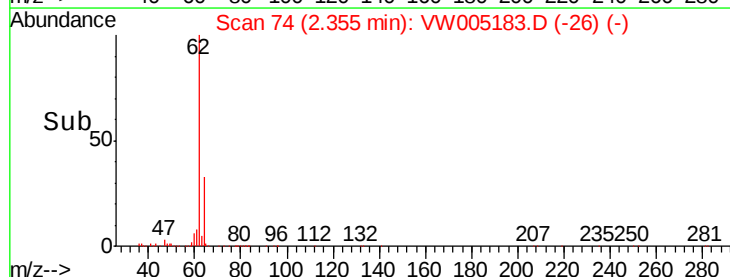
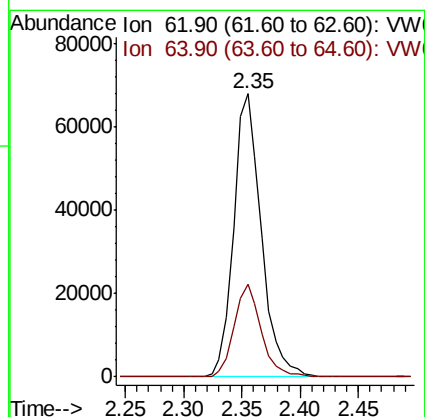
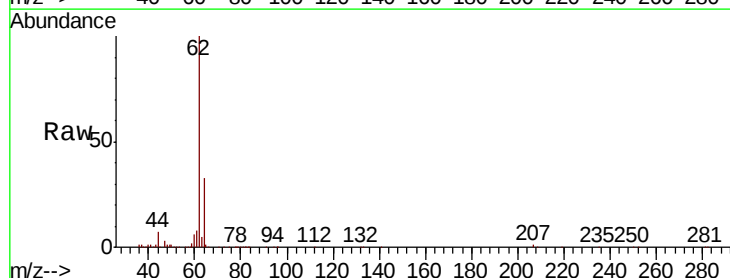
Acq: 07 Sep 2018 01:40

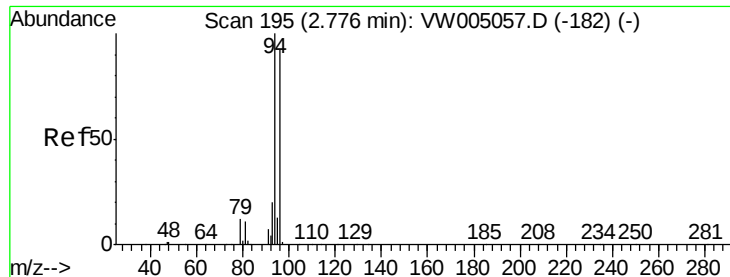
Tgt Ion: 62 Resp: 112069

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 25.509 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

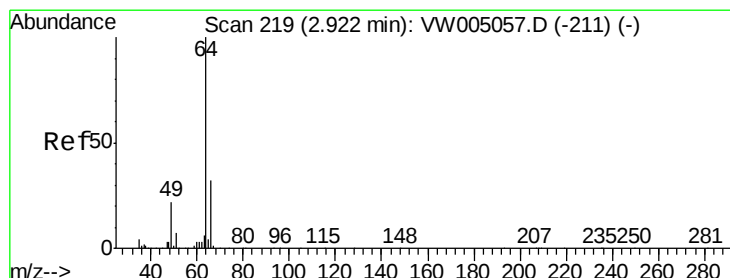
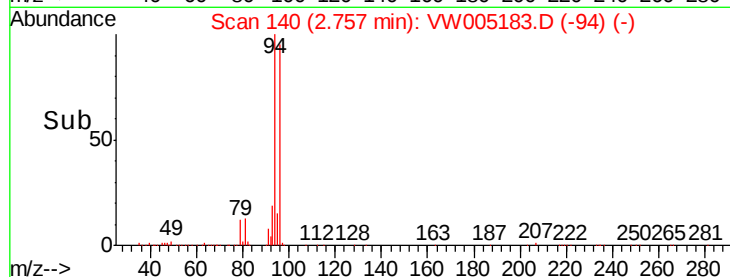
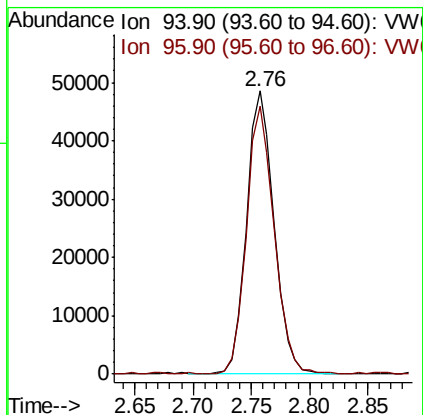
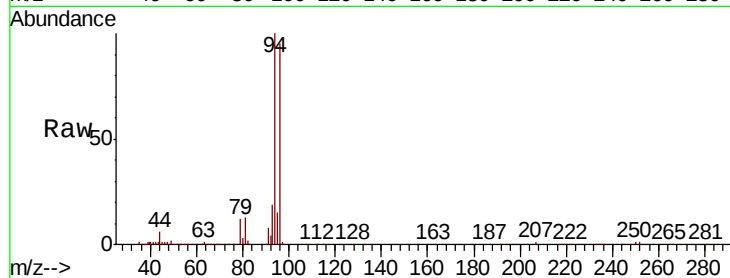
ClientSampled :

Tgt Ion: 94 Resp: 80236

Ion Ratio Lower Upper

94 100

96 94.2 73.2 109.8



#6

Chloroethane

Concen: 22.573 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005183.D

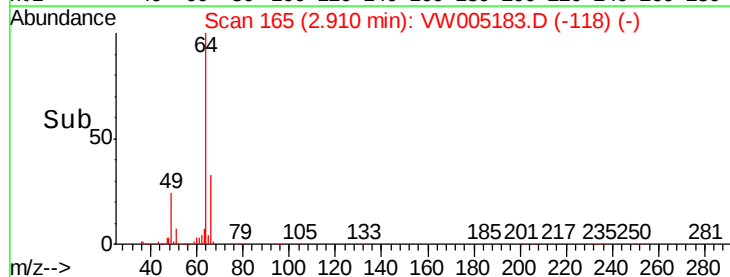
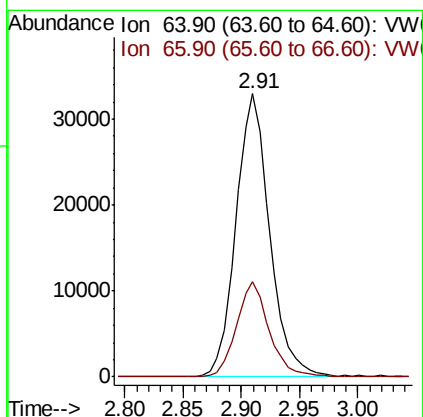
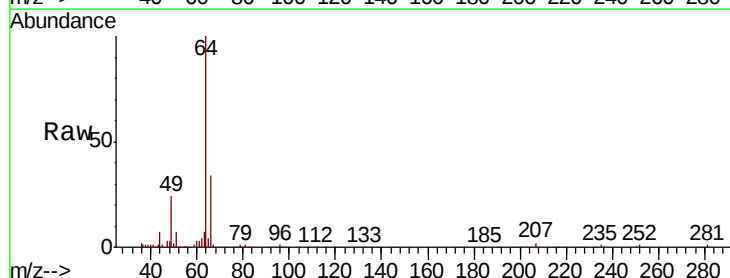
Acq: 07 Sep 2018 01:40

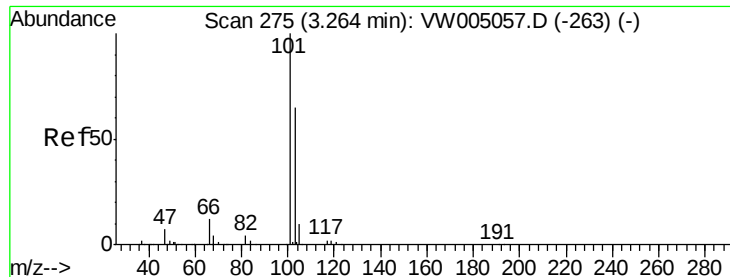
Tgt Ion: 64 Resp: 66398

Ion Ratio Lower Upper

64 100

66 33.5 25.7 38.5



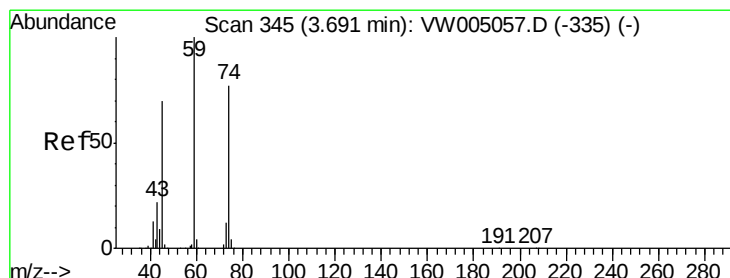
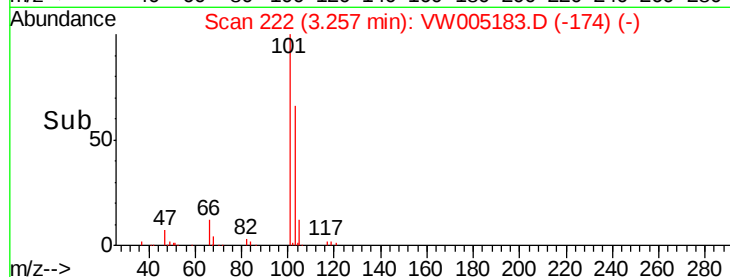
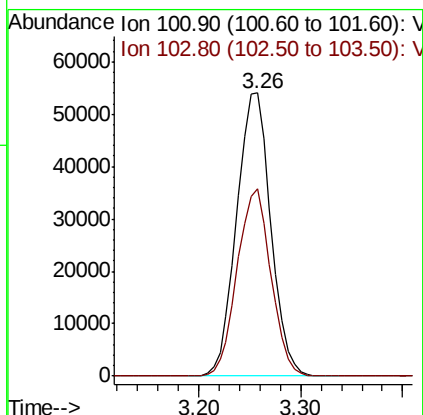
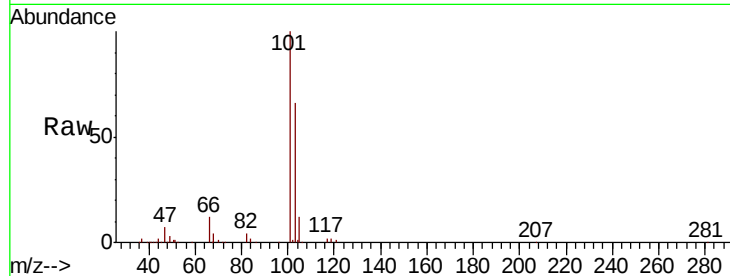


#7

Trichlorofluoromethane
 Concen: 23.647 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :

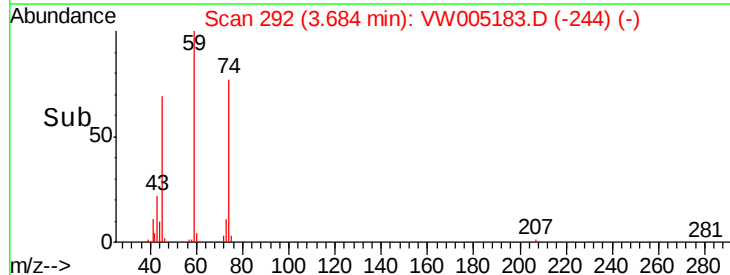
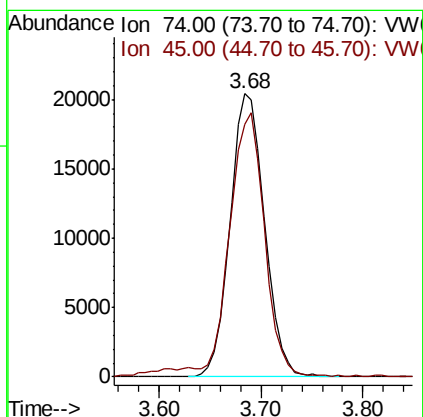
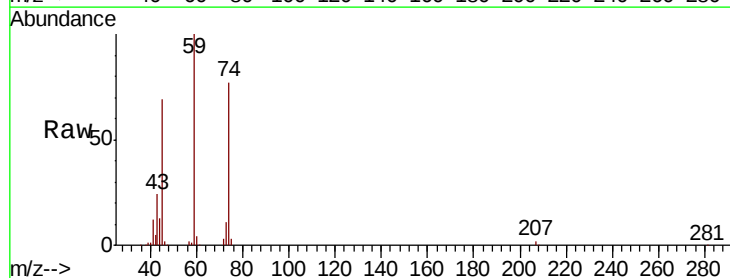
Tgt Ion: 101 Resp: 125705
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.9 77.9

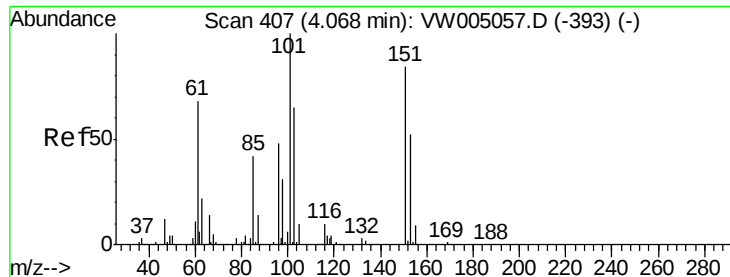


#8

Diethyl Ether
 Concen: 24.751 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 74 Resp: 47604
 Ion Ratio Lower Upper
 74 100
 45 98.4 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.215 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

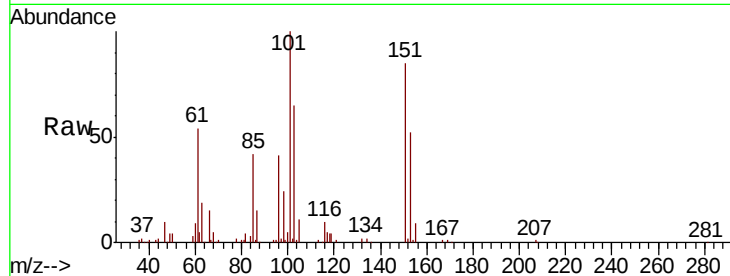
Tgt Ion:101 Resp: 84766

Ion Ratio Lower Upper

101 100

85 40.8 33.0 49.6

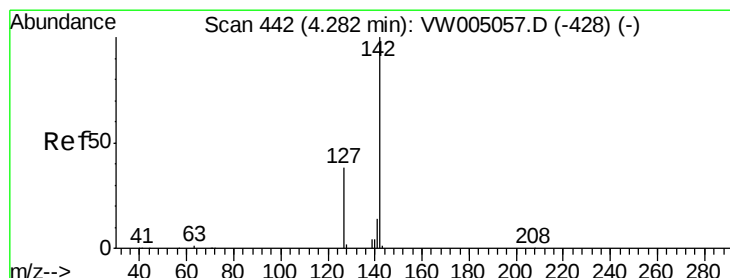
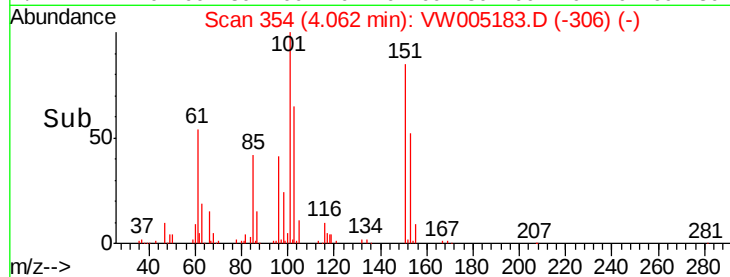
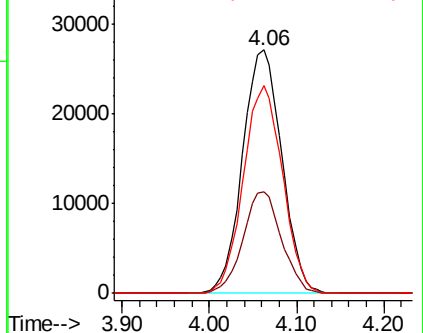
151 85.2 67.0 100.6



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: 13.034 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

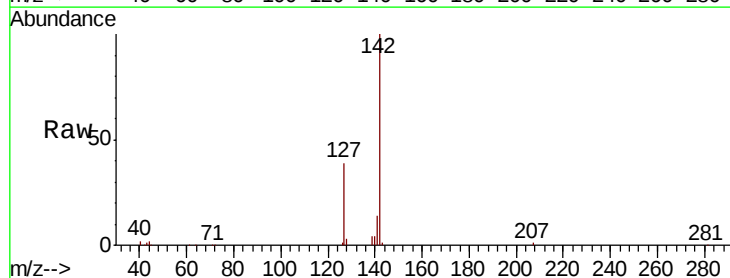
Tgt Ion:142 Resp: 54441

Ion Ratio Lower Upper

142 100

127 38.7 30.8 46.2

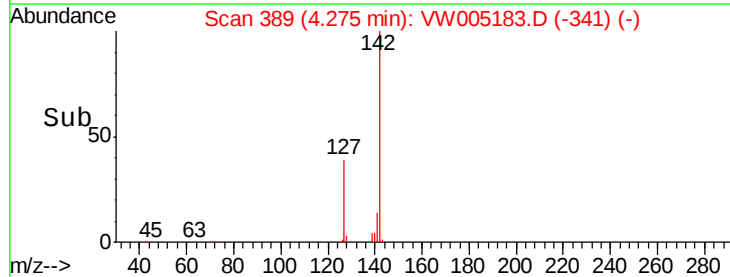
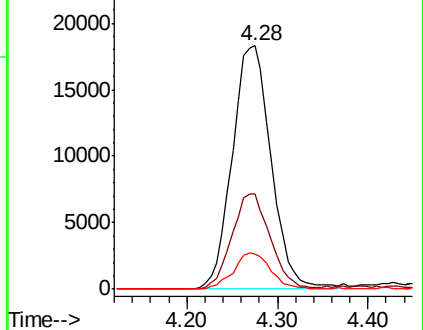
141 14.1 11.6 17.4

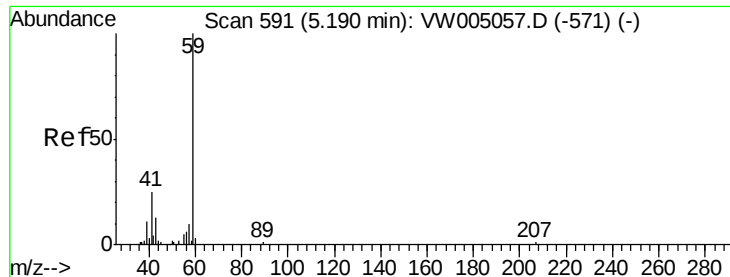


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 181.098 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

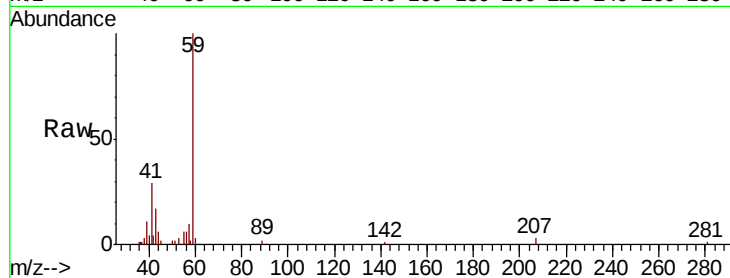
ClientSampleId :

Tgt Ion: 59 Resp: 34668

Ion Ratio Lower Upper

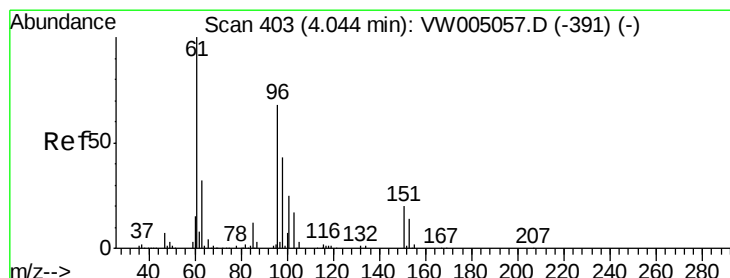
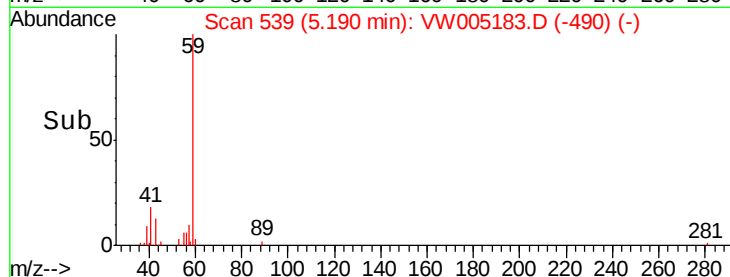
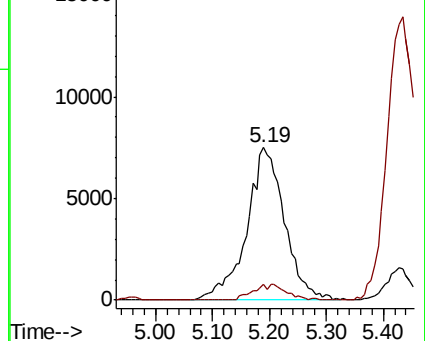
59 100

57 4.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 23.558 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

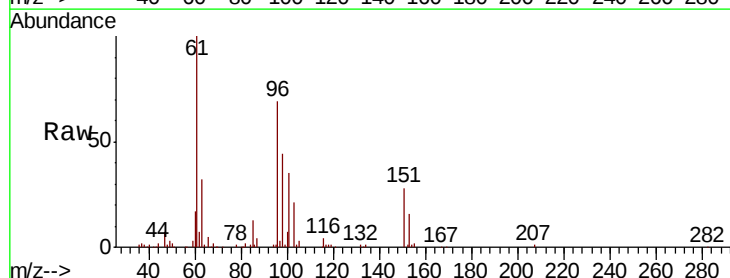
Tgt Ion: 96 Resp: 79163

Ion Ratio Lower Upper

96 100

61 144.4 117.4 176.0

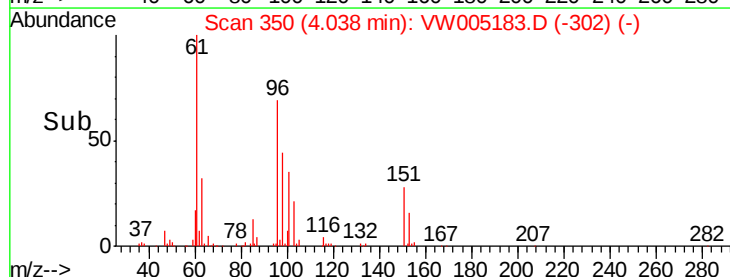
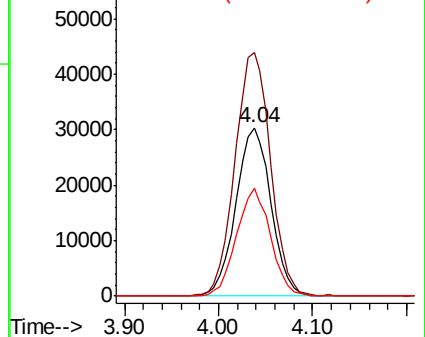
98 63.8 51.0 76.4

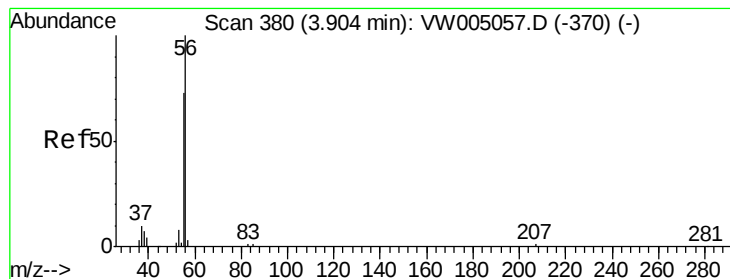


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 101.599 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

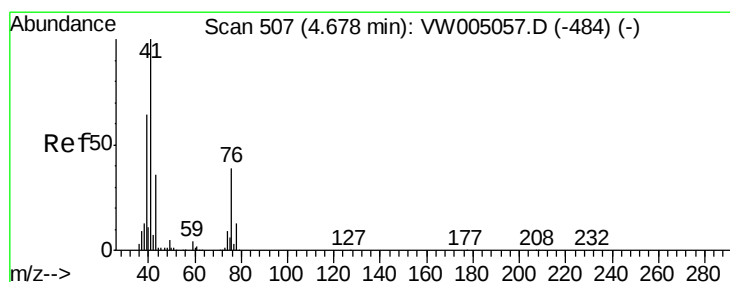
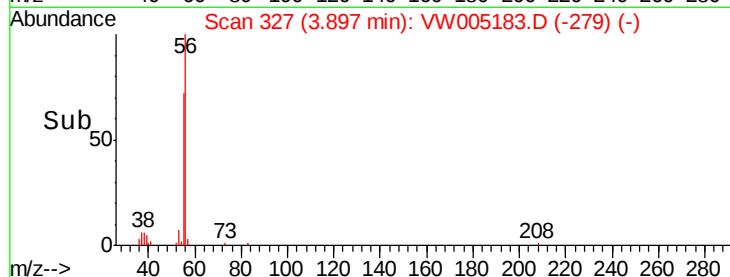
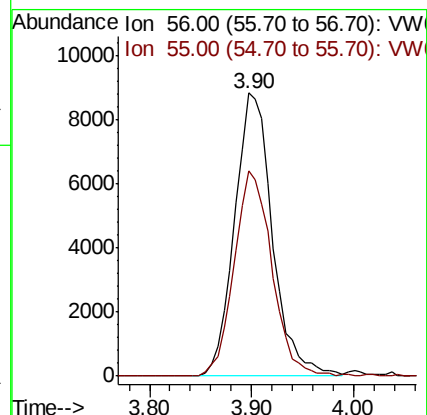
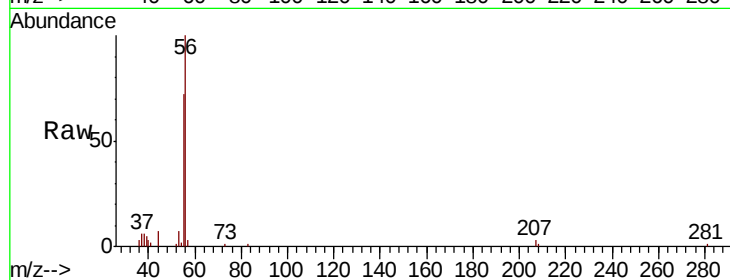
ClientSampleId :

Tgt Ion: 56 Resp: 22717

Ion Ratio Lower Upper

56 100

55 71.9 58.1 87.1



#14

Allyl chloride

Concen: 22.982 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

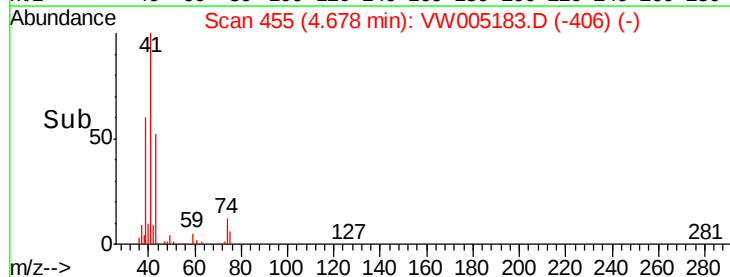
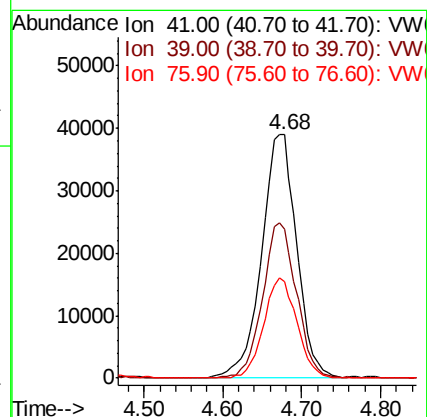
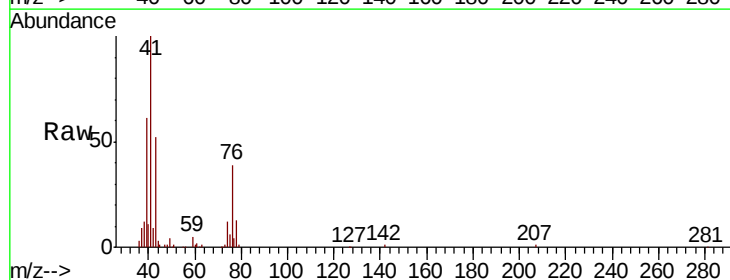
Tgt Ion: 41 Resp: 120718

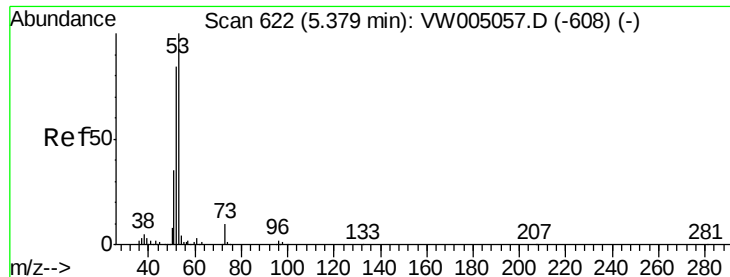
Ion Ratio Lower Upper

41 100

39 61.3 49.4 74.2

76 38.7 31.8 47.6





#15

Acrylonitrile

Concen: 134.897 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

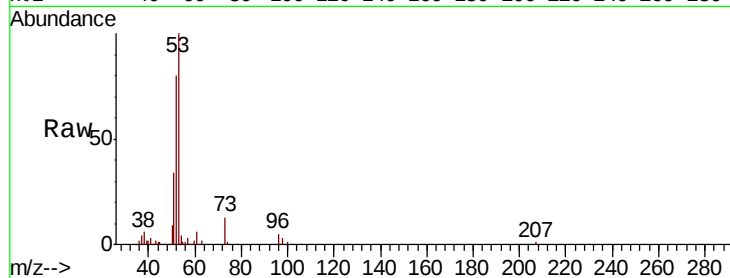
Tgt Ion: 53 Resp: 109437

Ion Ratio Lower Upper

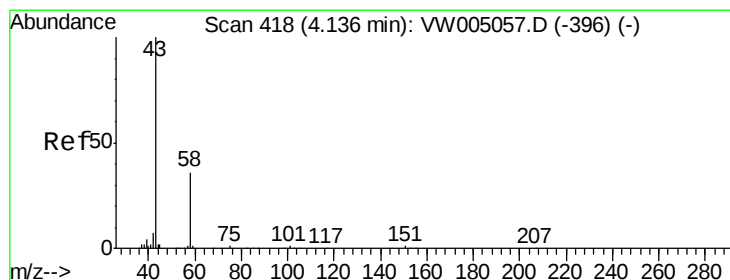
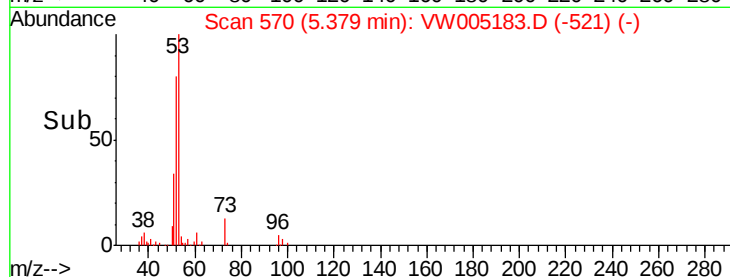
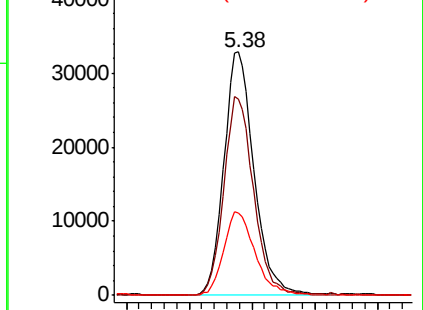
53 100

52 80.1 65.7 98.5

51 36.0 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 134.835 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005183.D

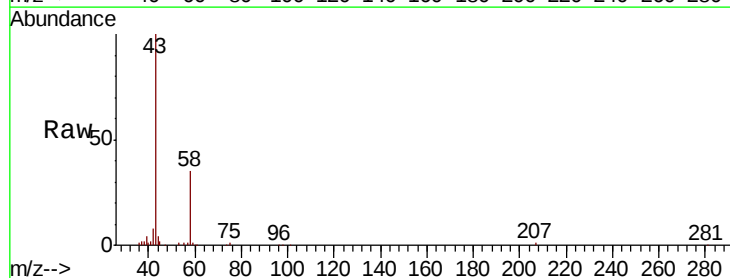
Acq: 07 Sep 2018 01:40

Tgt Ion: 43 Resp: 93151

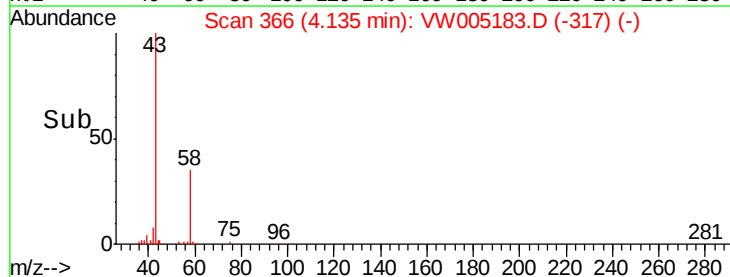
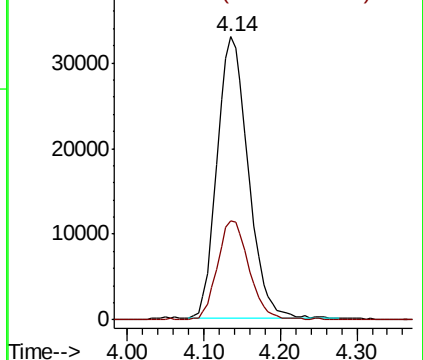
Ion Ratio Lower Upper

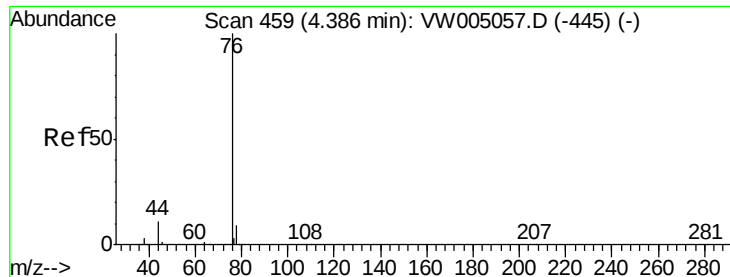
43 100

58 35.0 29.0 43.6



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

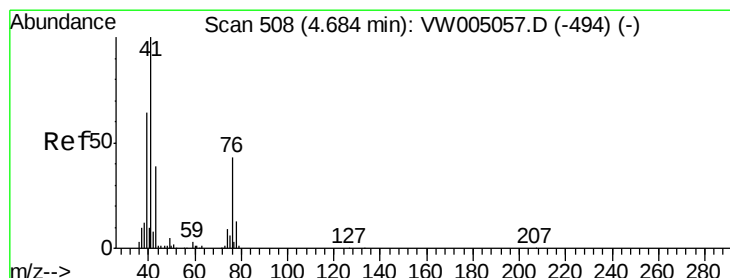
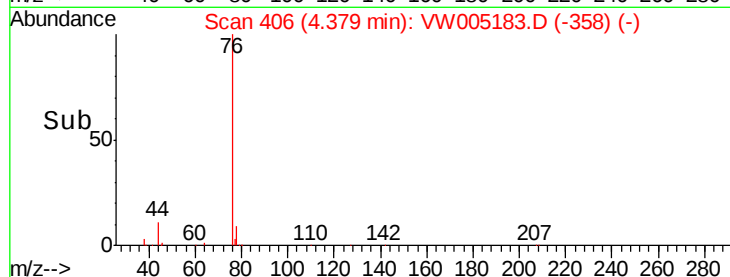
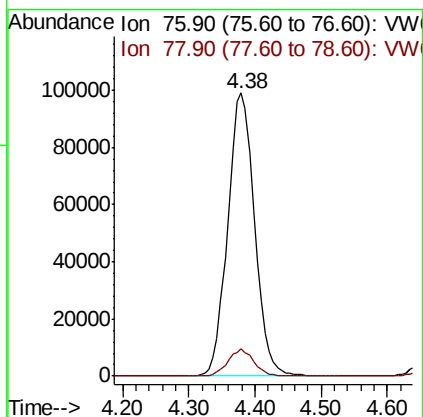
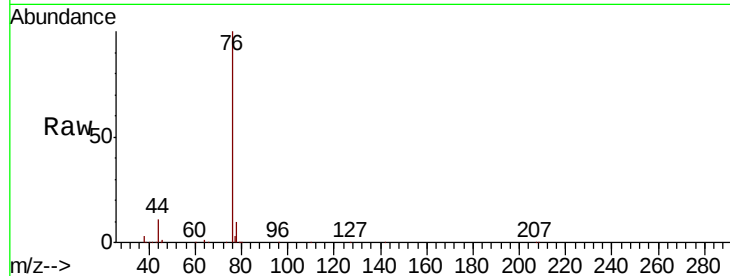




#17
Carbon Disulfide
Concen: 23.815 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

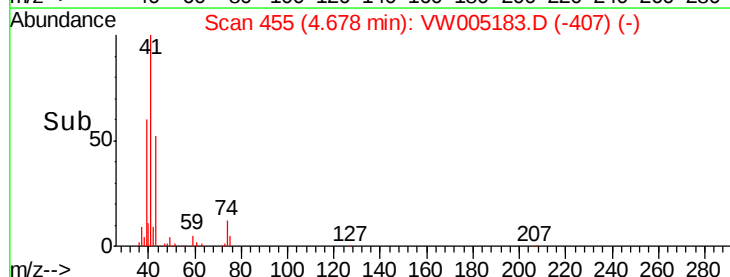
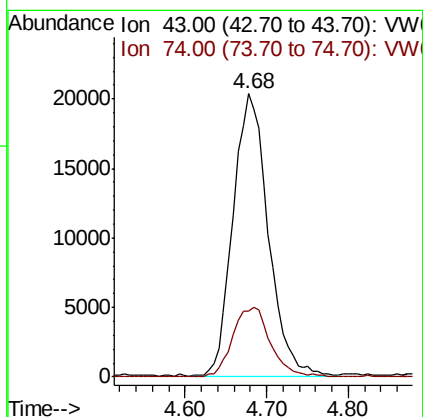
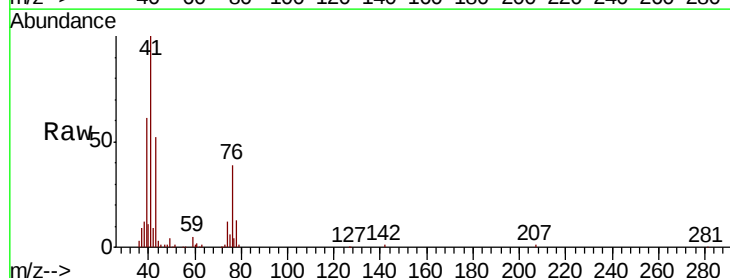
Instrument :
MSVOA_W
ClientSampled :

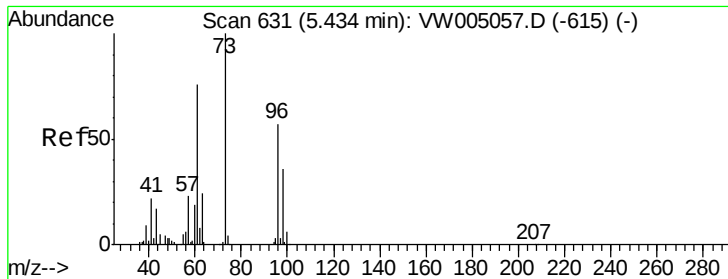
Tgt Ion: 76 Resp: 278853
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 29.774 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 43 Resp: 60510
Ion Ratio Lower Upper
43 100
74 26.5 20.7 31.1

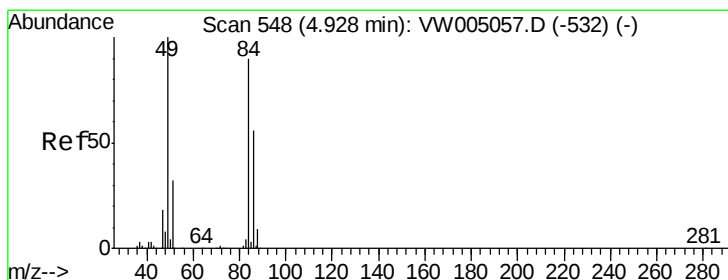
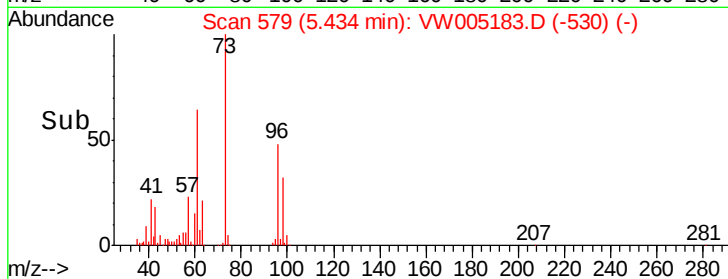
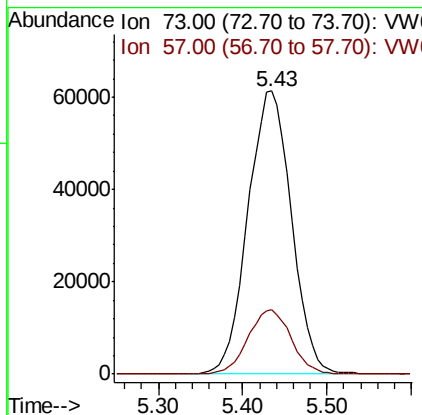
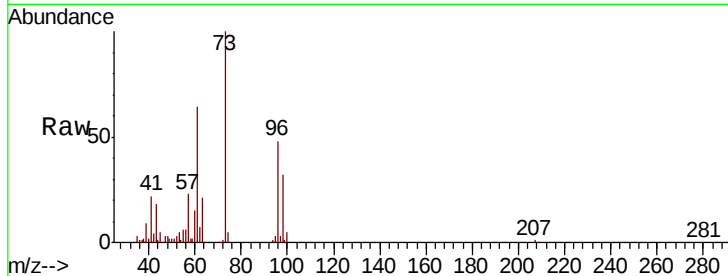




#19
Methyl tert-butyl Ether
Concen: 26.516 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

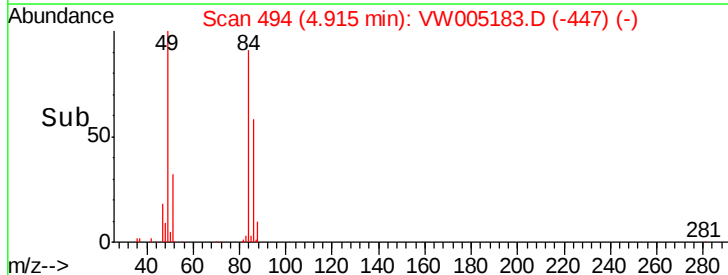
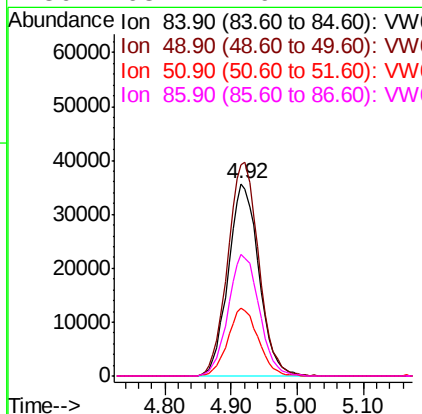
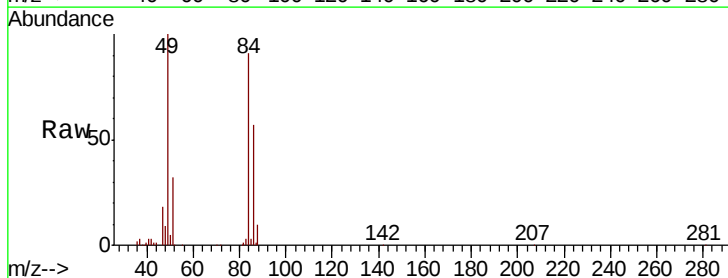
Instrument :
MSVOA_W
ClientSampled :

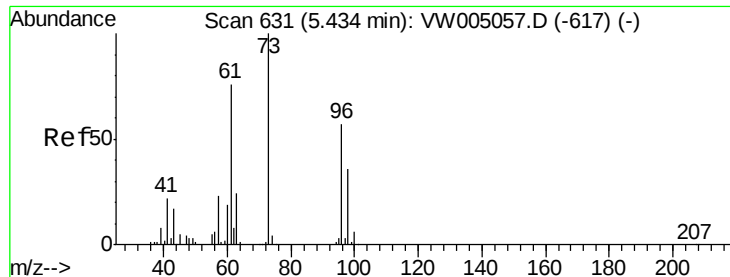
Tgt Ion: 73 Resp: 216364
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1



#20
Methylene Chloride
Concen: 22.422 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 84 Resp: 114662
Ion Ratio Lower Upper
84 100
49 110.1 88.7 133.1
51 35.3 28.6 42.8
86 63.2 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 23.410 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampled :

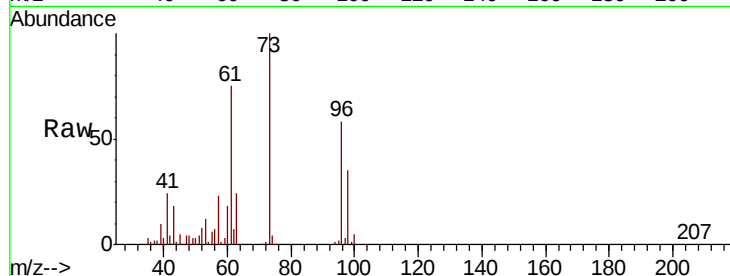
Tgt Ion: 96 Resp: 95843

Ion Ratio Lower Upper

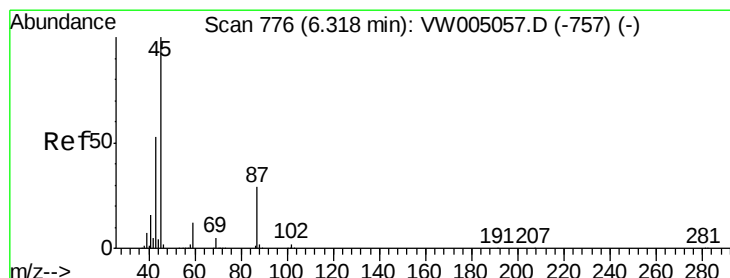
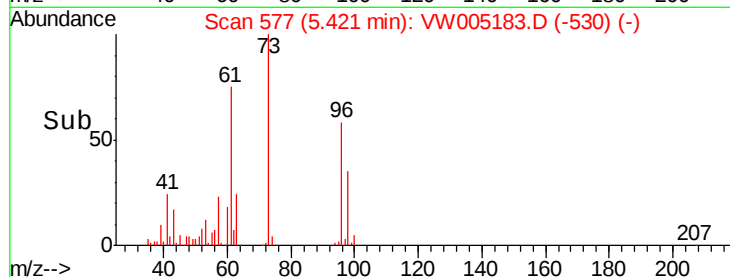
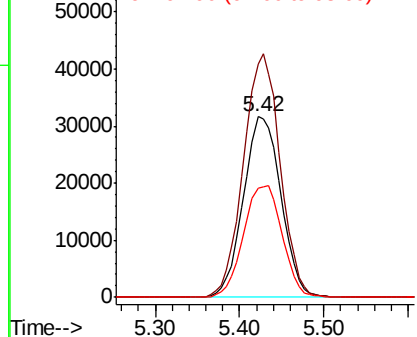
96 100

61 129.4 106.3 159.5

98 60.3 50.9 76.3



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: 25.287 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion: 45 Resp: 279507

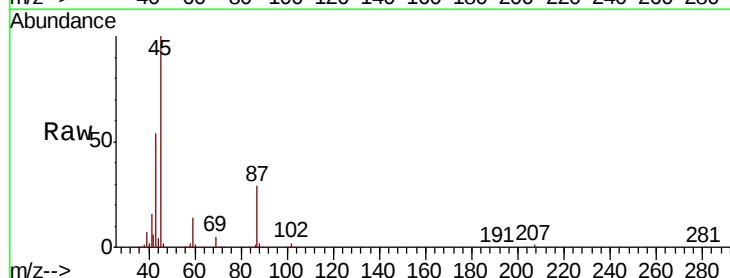
Ion Ratio Lower Upper

45 100

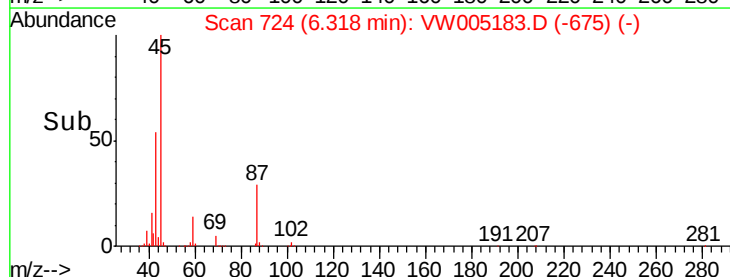
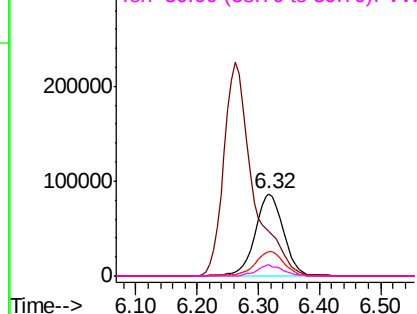
43 53.7 42.6 63.8

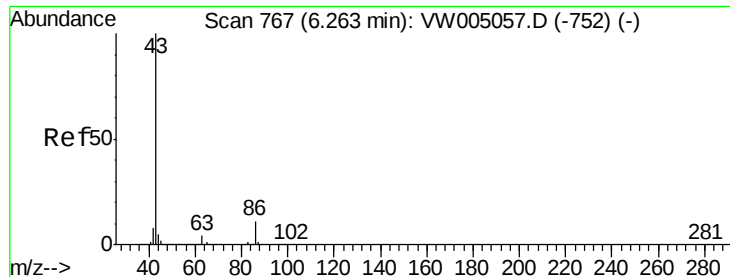
87 29.0 23.6 35.4

59 13.8 9.8 14.8



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: 127.812 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

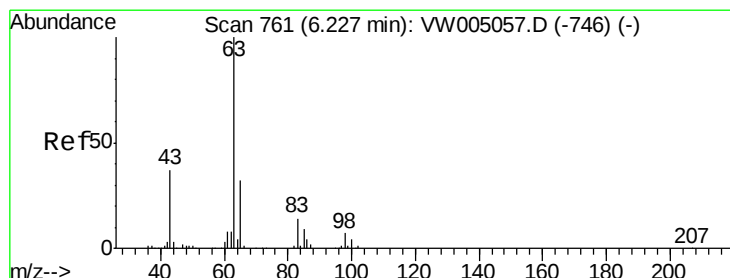
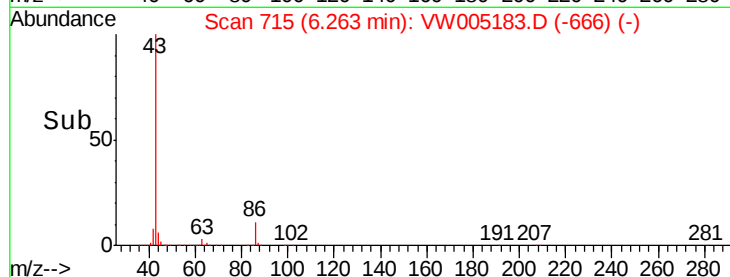
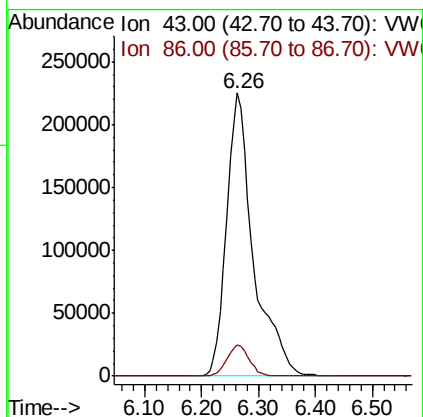
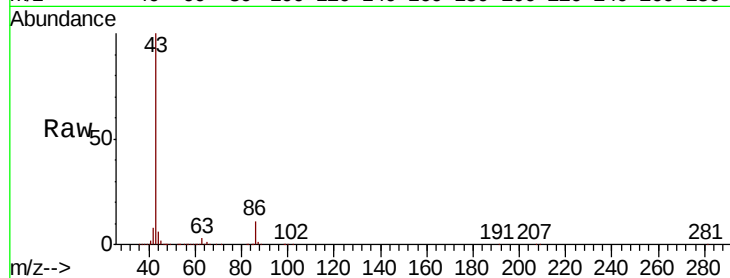
ClientSampled :

Tgt Ion: 43 Resp: 742058

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 23.879 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

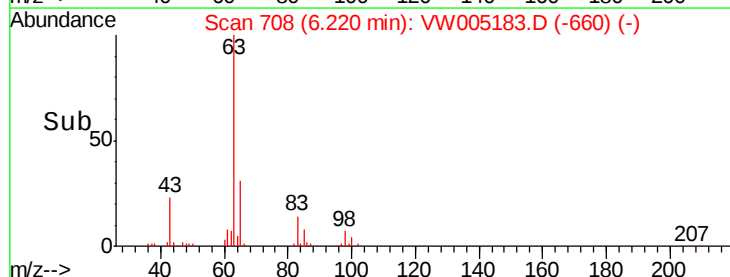
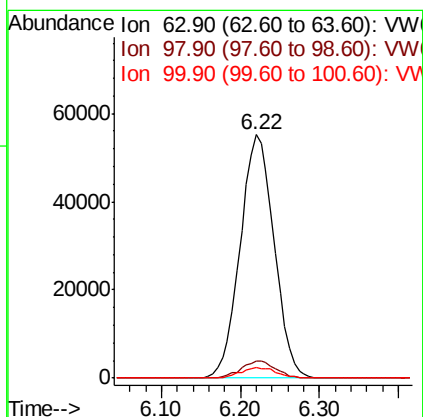
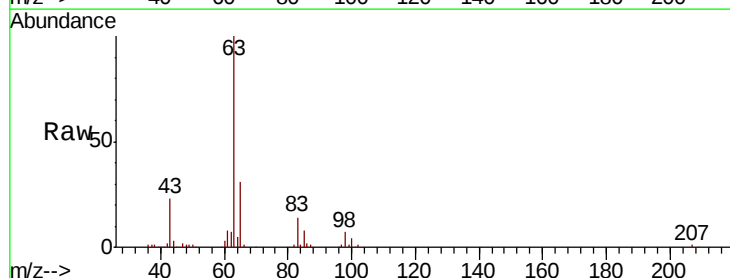
Tgt Ion: 63 Resp: 164978

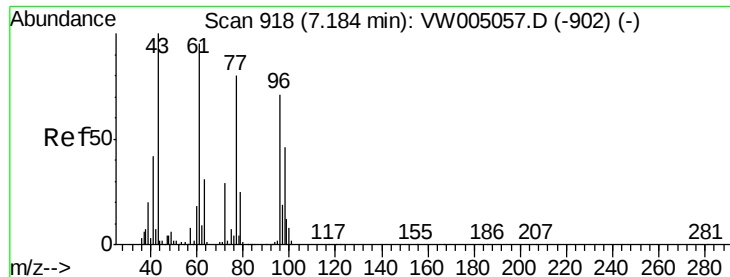
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.2 6.6

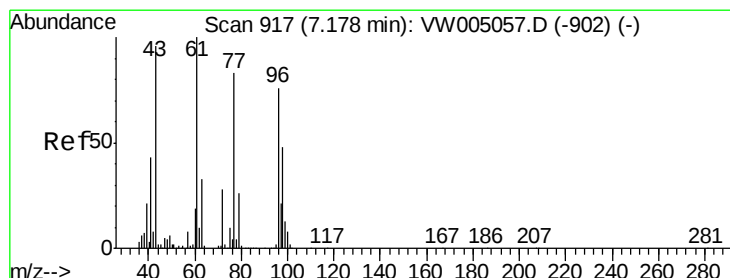
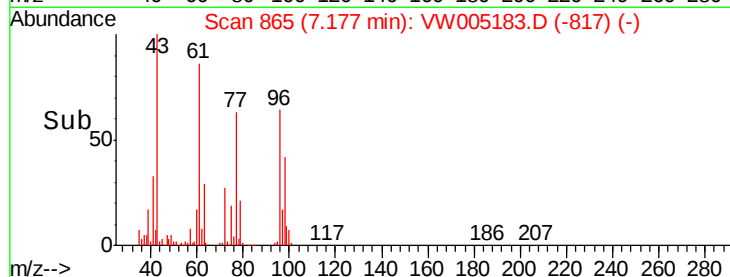
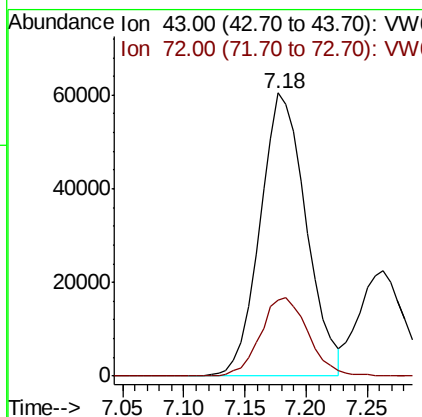
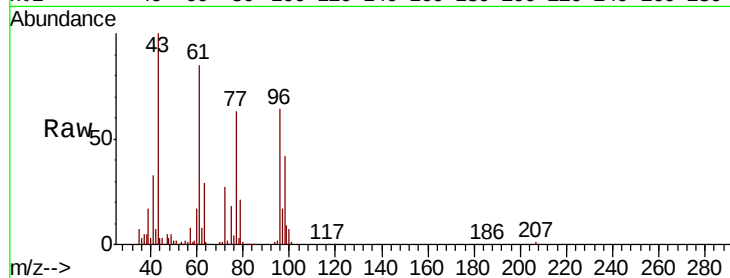




#25
2-Butanone
Concen: 131.987 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

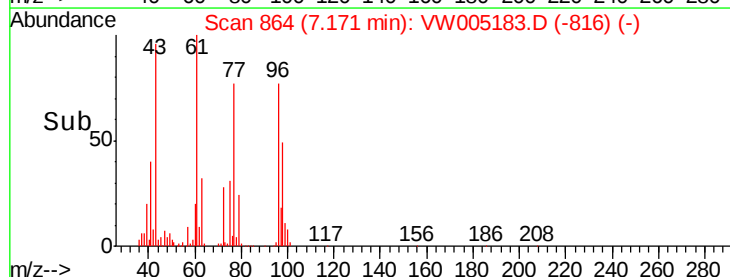
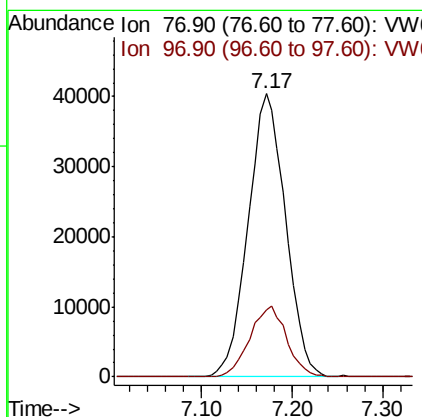
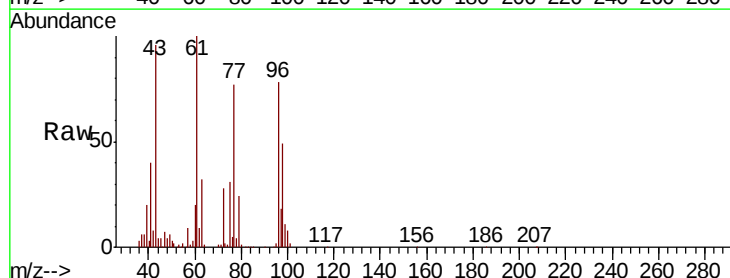
Instrument :
MSVOA_W
ClientSampleId :

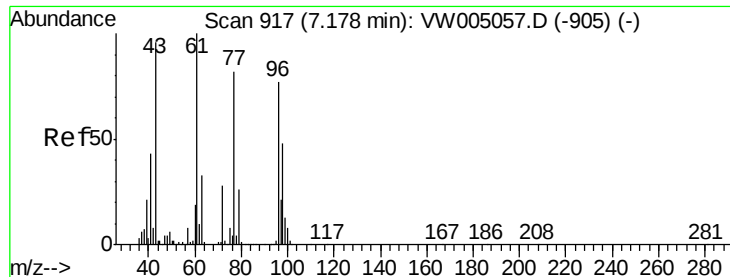
Tgt Ion: 43 Resp: 158156
Ion Ratio Lower Upper
43 100
72 26.8 23.1 34.7



#26
2,2-Dichloropropane
Concen: 20.321 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 77 Resp: 115374
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6



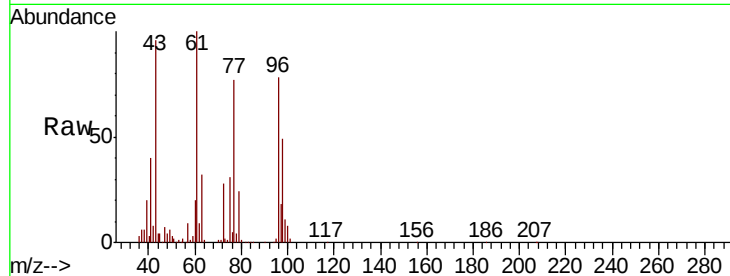


#27

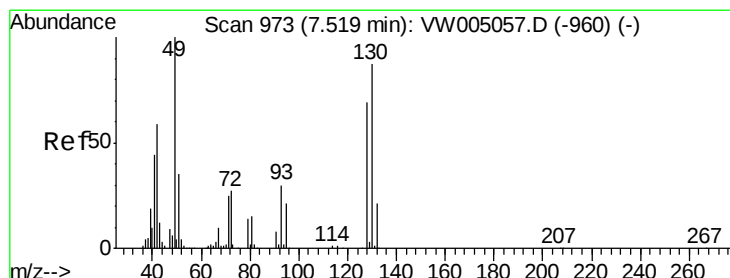
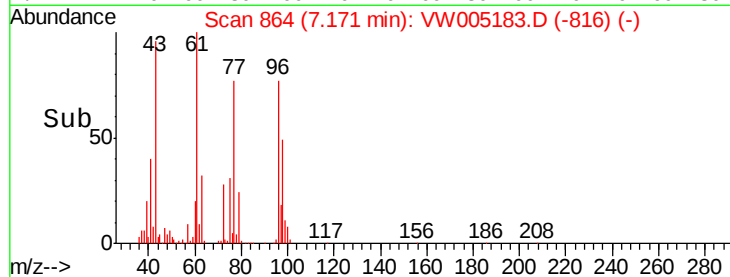
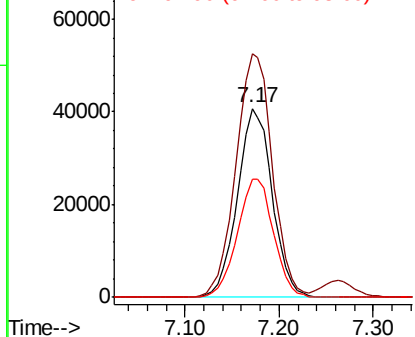
cis-1,2-Dichloroethene
Concen: 23.533 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	273.2
98	64.6	0.0	127.8



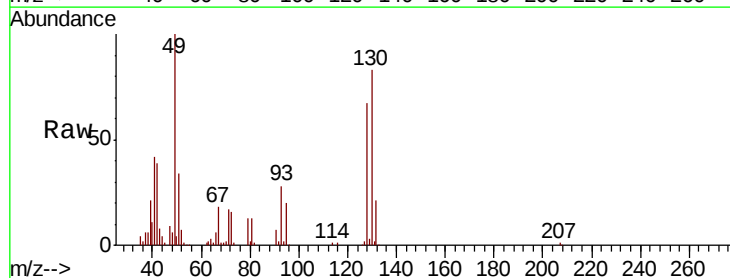
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



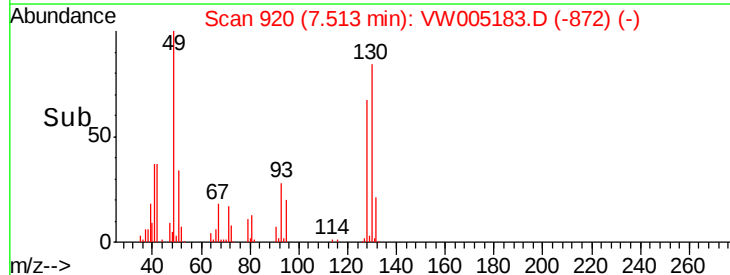
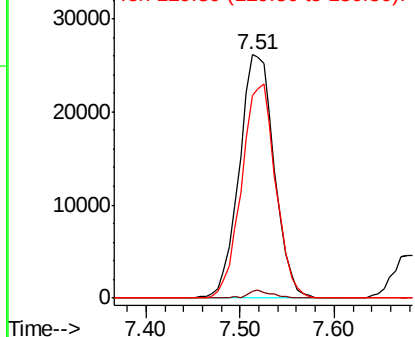
#28

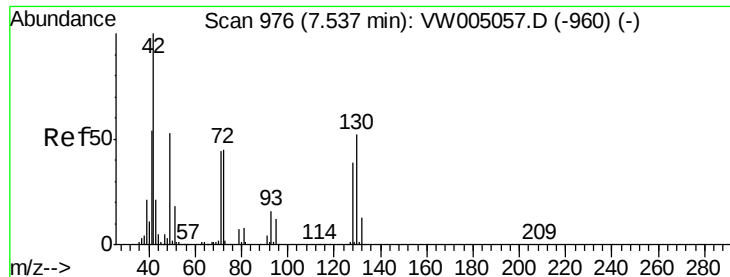
Bromochloromethane
Concen: 24.404 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	85.7	69.6	104.4



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

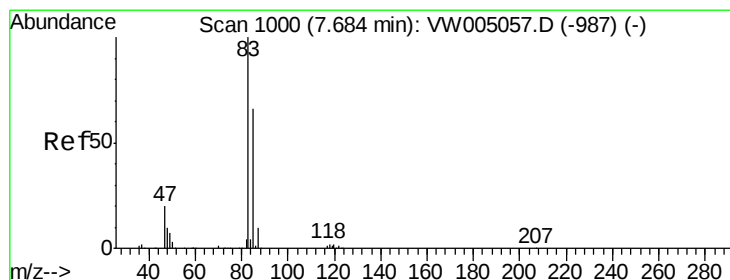
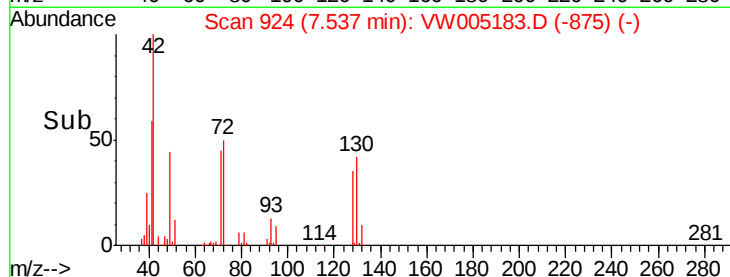
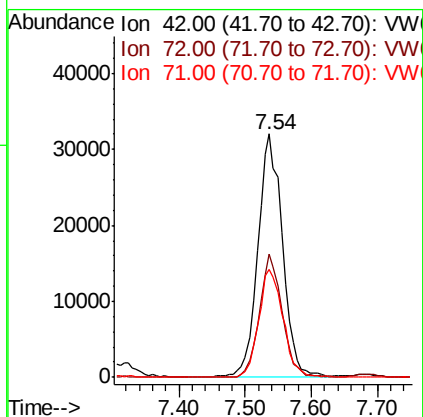
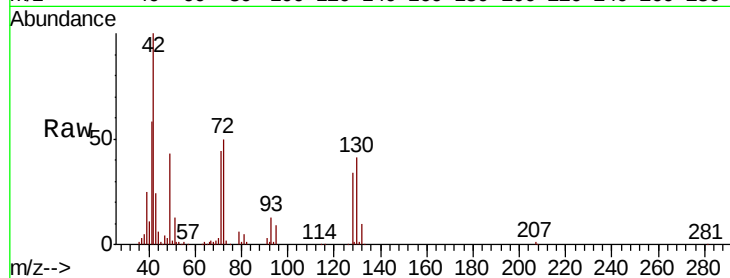




#29
Tetrahydrofuran
Concen: 135.688 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

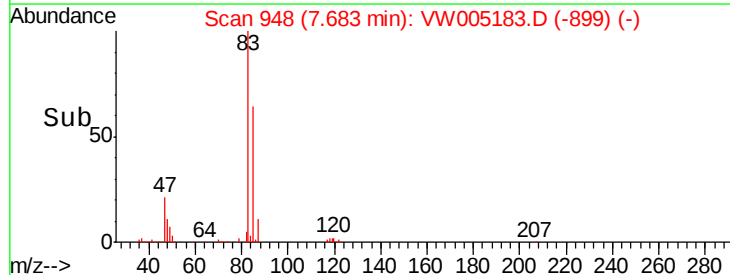
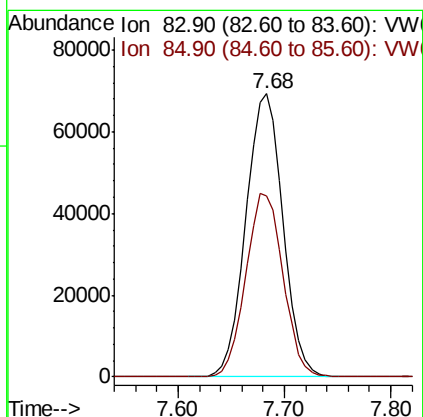
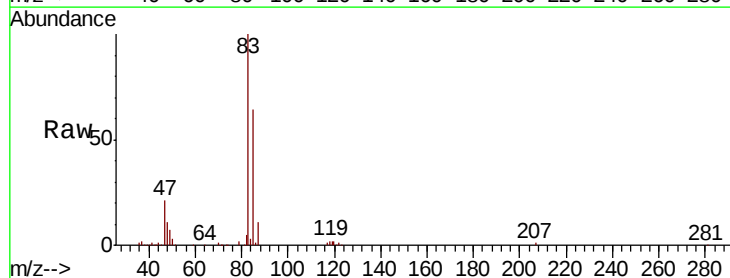
Instrument :
MSVOA_W
ClientSampleId :

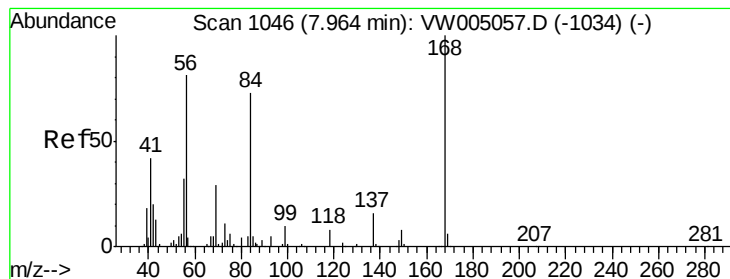
Tgt Ion: 42 Resp: 83077
Ion Ratio Lower Upper
42 100
72 46.7 37.0 55.4
71 43.8 35.0 52.6



#30
Chloroform
Concen: 24.011 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 83 Resp: 169312
Ion Ratio Lower Upper
83 100
85 64.1 53.1 79.7





#31

Cyclohexane

Concen: 22.872 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampled :

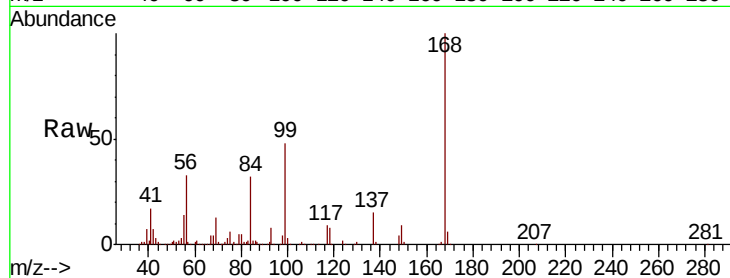
Tgt Ion: 56 Resp: 154744

Ion Ratio Lower Upper

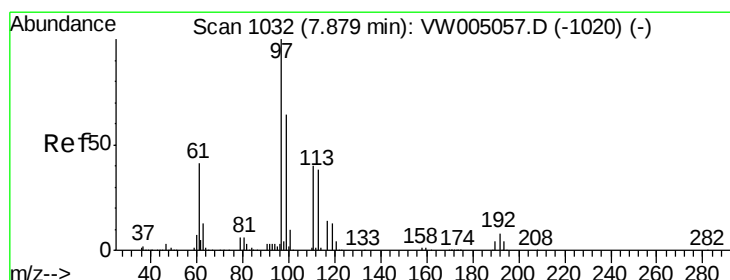
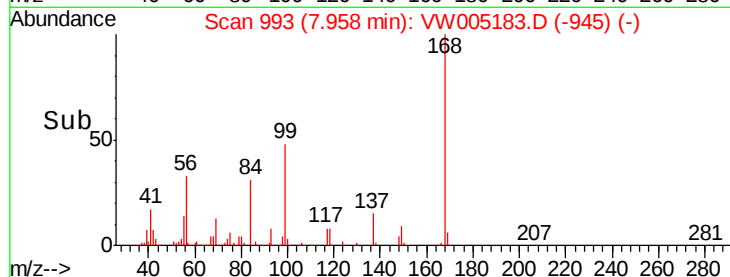
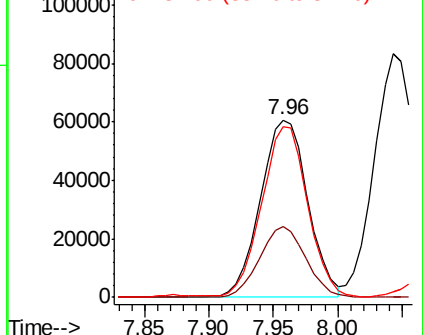
56 100

69 40.2 28.2 42.2

84 95.1 71.8 107.8



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



#32

1,1,1-Trichloroethane

Concen: 23.134 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

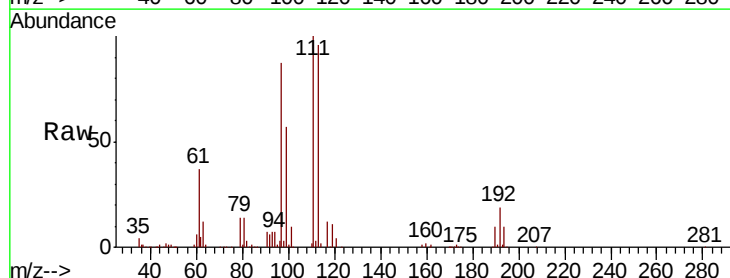
Tgt Ion: 97 Resp: 142075

Ion Ratio Lower Upper

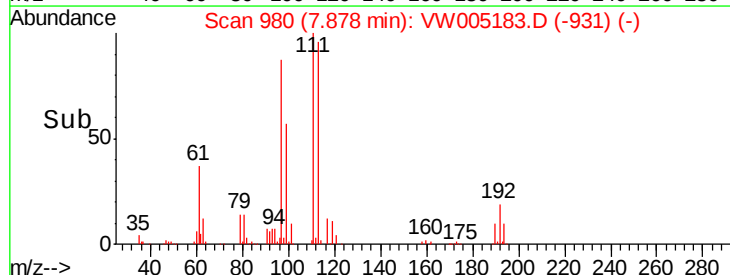
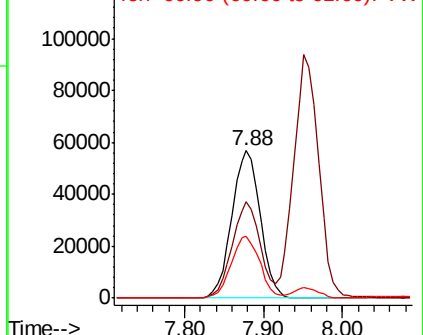
97 100

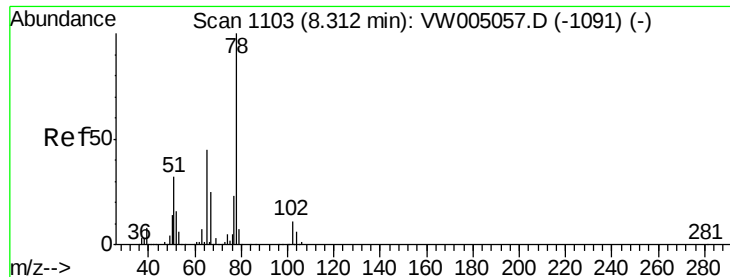
99 64.7 51.8 77.8

61 42.6 33.2 49.8



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

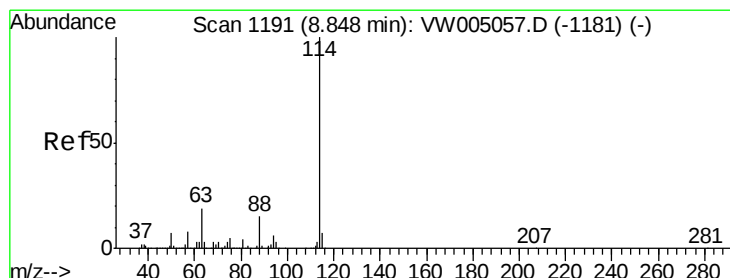
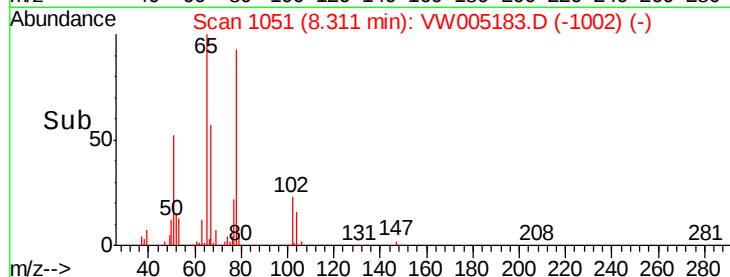
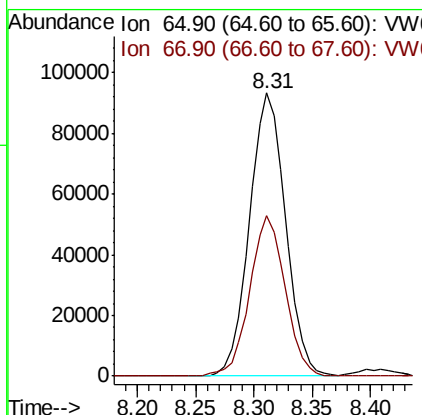
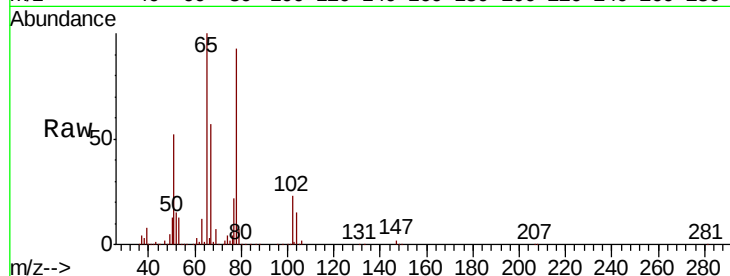




#33
 1,2-Dichloroethane-d4
 Concen: 58.531 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

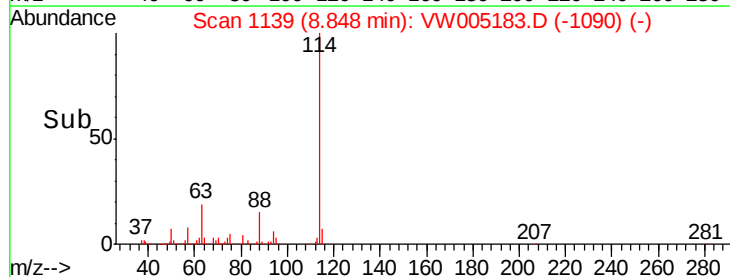
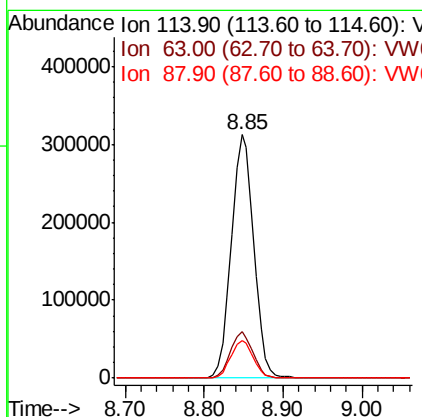
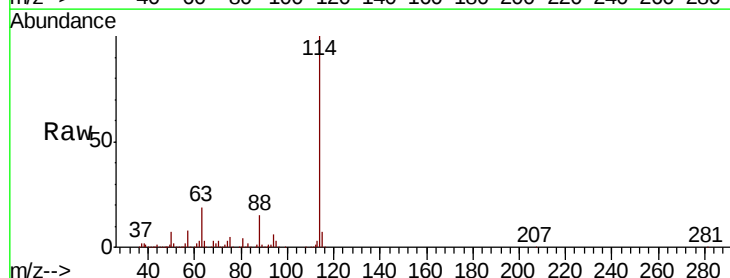
Instrument :
 MSVOA_W
 ClientSampled :

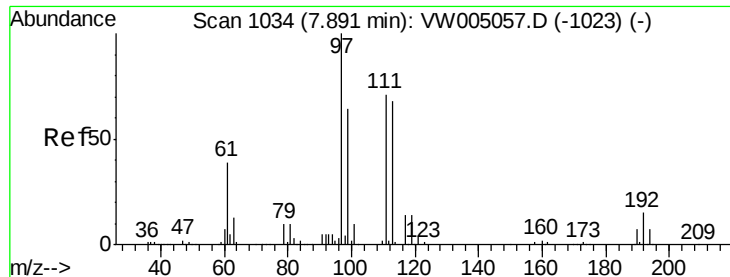
Tgt Ion: 65 Resp: 201627
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 114 Resp: 619472
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 15.4 0.0 30.2

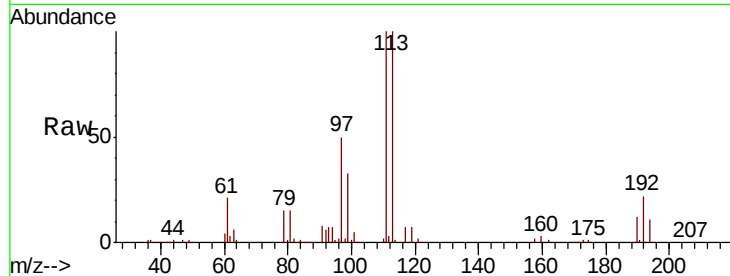




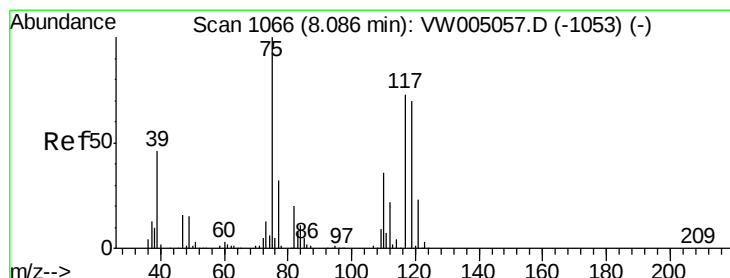
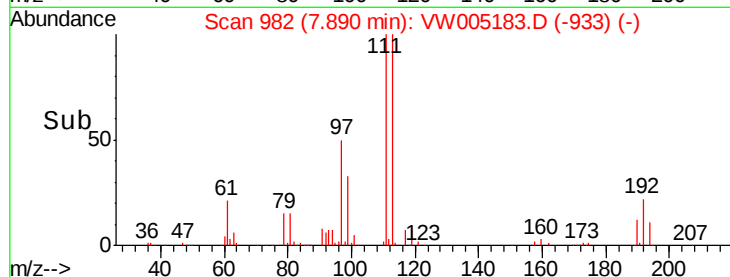
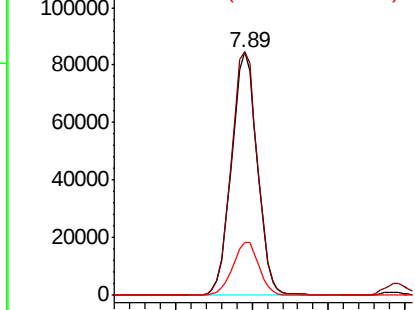
#35
 Dibromofluoromethane
 Concen: 55.060 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 113 Resp: 197107
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 22.1 18.1 27.1

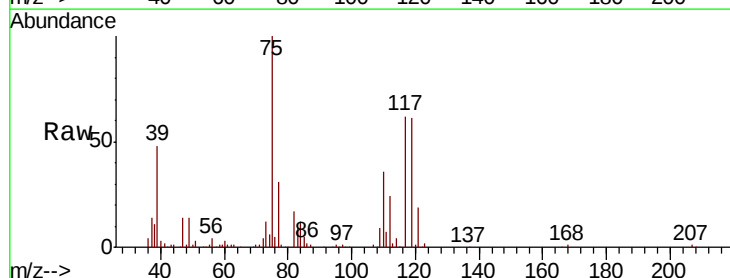


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

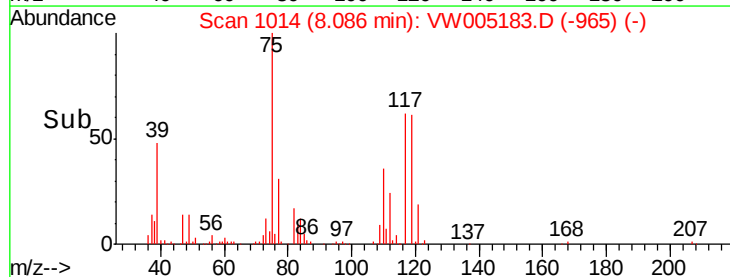
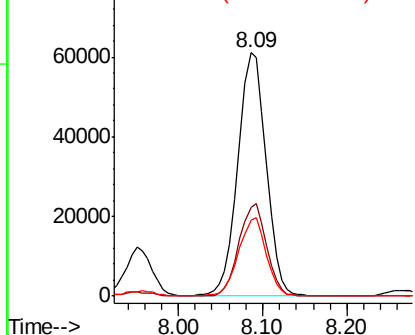


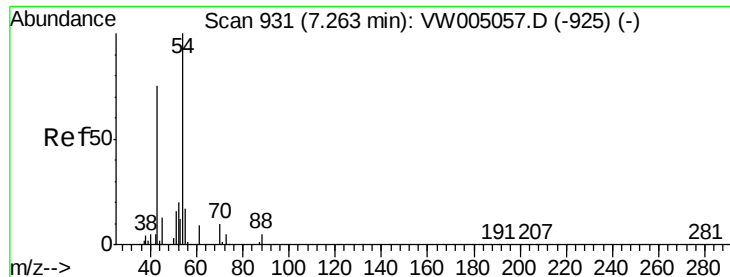
#36
 1,1-Dichloropropene
 Concen: 23.556 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 75 Resp: 138975
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.9 56.7
 77 31.6 25.5 38.3



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

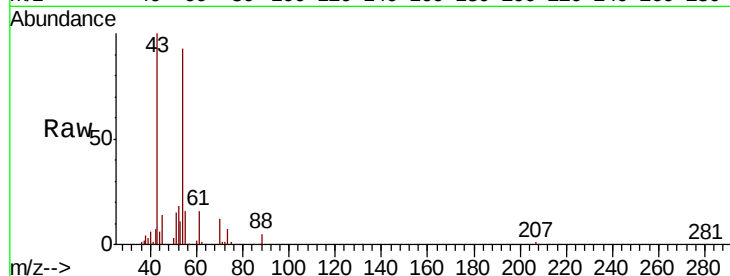




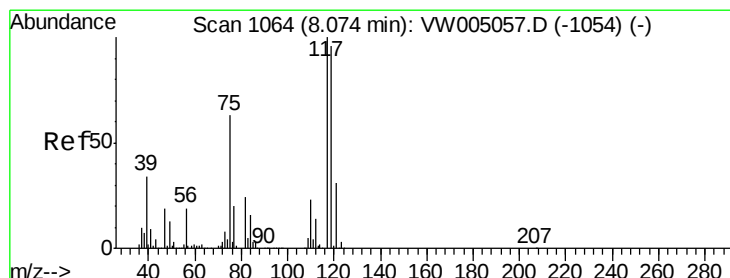
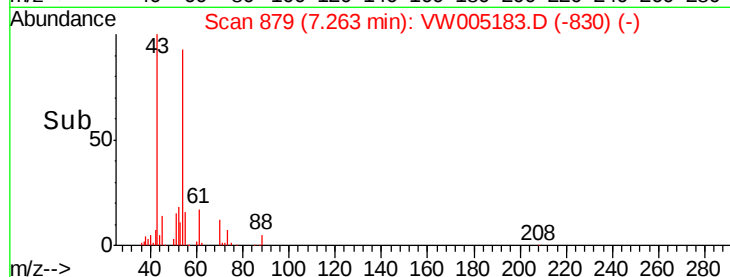
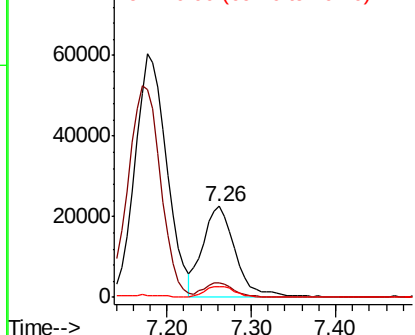
#37
Ethyl Acetate
Concen: 27.265 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 60157
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 11.9 9.4 14.2

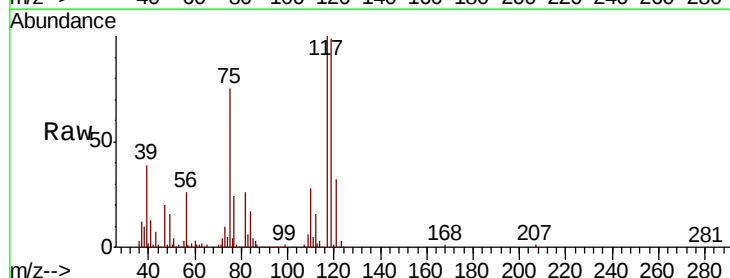


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

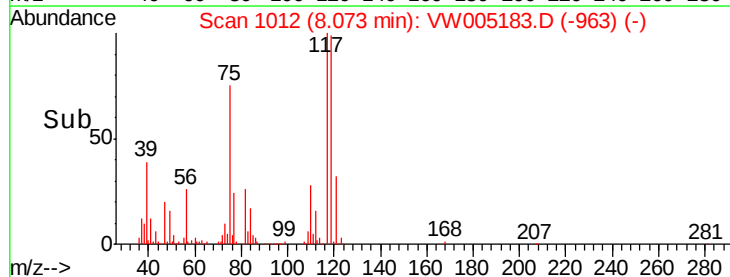
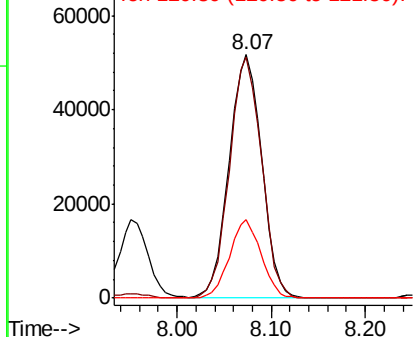


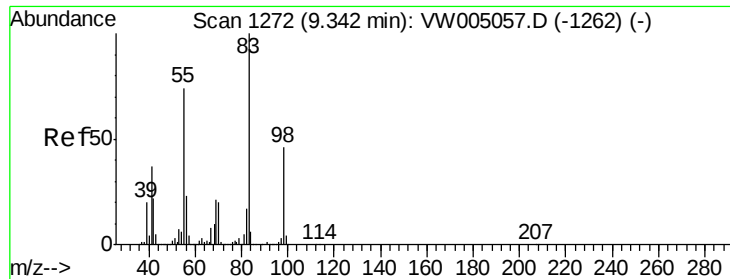
#38
Carbon Tetrachloride
Concen: 22.225 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 117 Resp: 124677
Ion Ratio Lower Upper
117 100
119 99.2 76.6 115.0
121 32.2 24.8 37.2



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

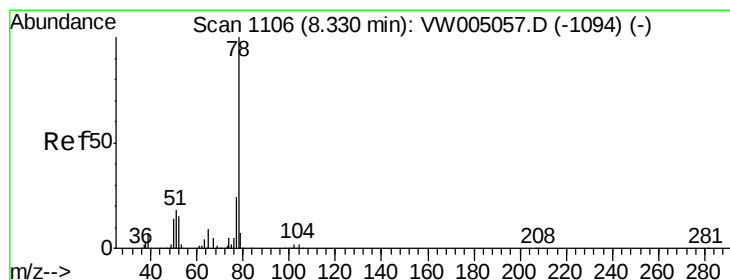
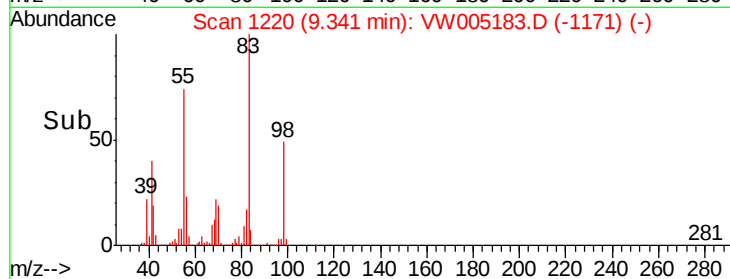
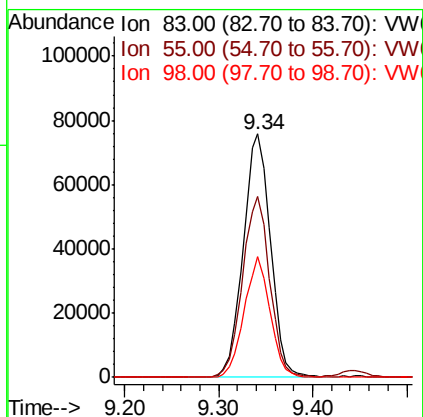
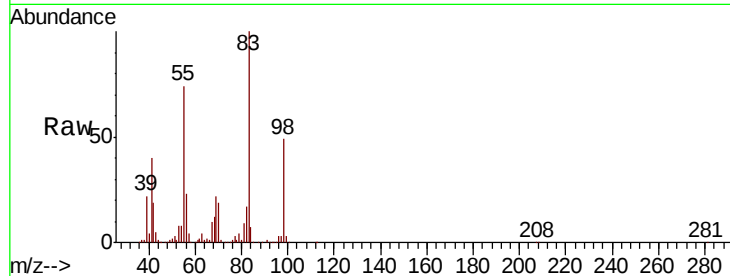




#39
Methylcyclohexane
Concen: 21.424 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

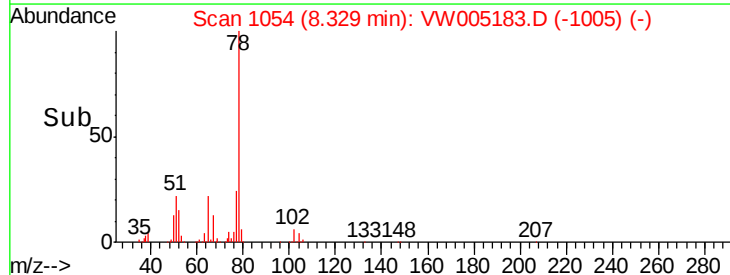
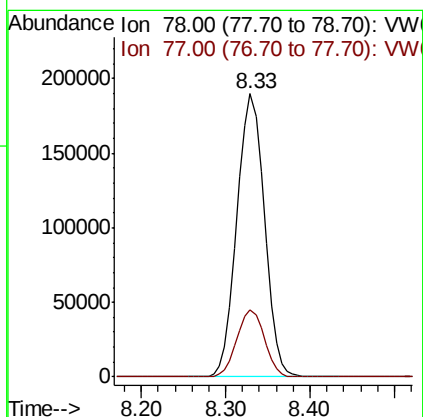
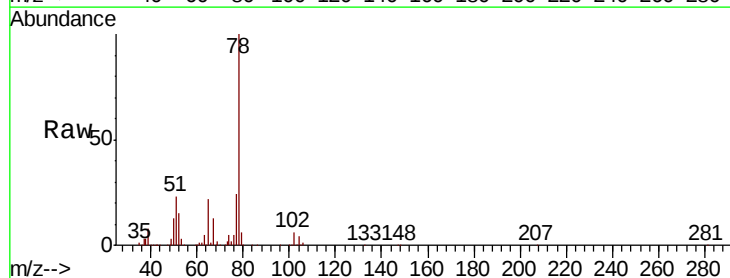
Instrument :
MSVOA_W
ClientSampled :

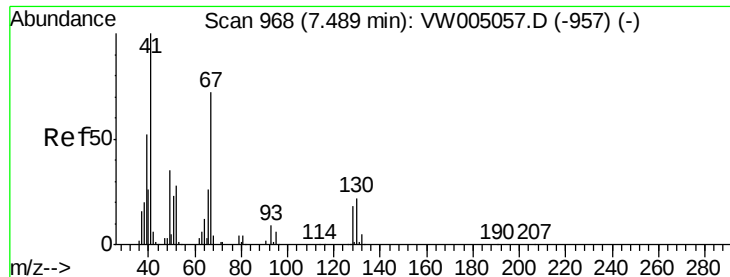
Tgt Ion: 83 Resp: 152856
Ion Ratio Lower Upper
83 100
55 74.3 58.9 88.3
98 49.5 36.8 55.2



#40
Benzene
Concen: 23.238 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 78 Resp: 419719
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

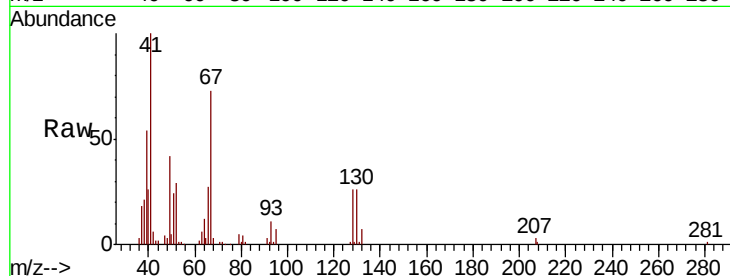




#41
Methacrylonitrile
Concen: 26.791 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	41	Resp:	34250
Ion	Ratio	Lower	Upper
41	100		
39	52.9	41.8	62.8
67	77.3	60.4	90.6
52	30.0	23.8	35.8



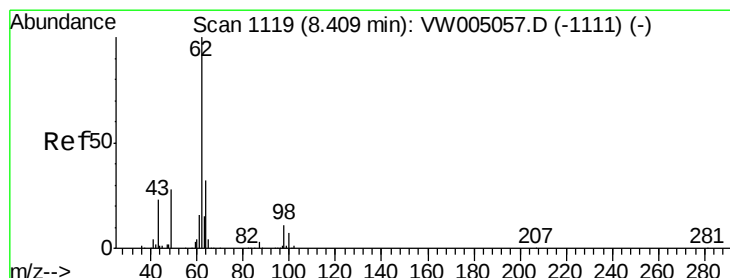
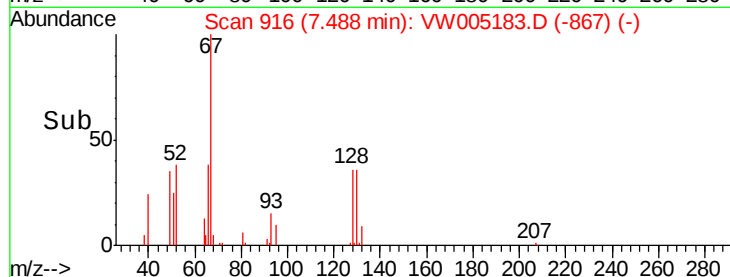
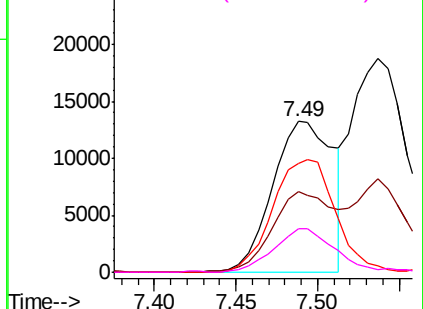
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

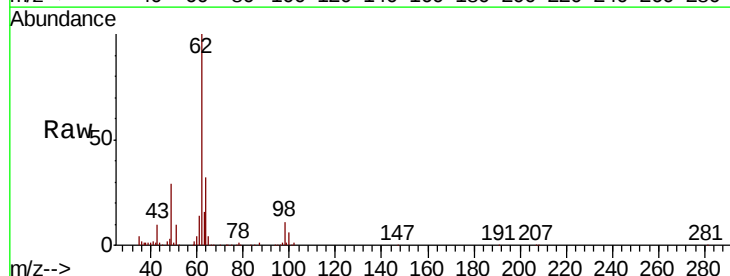
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 24.171 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

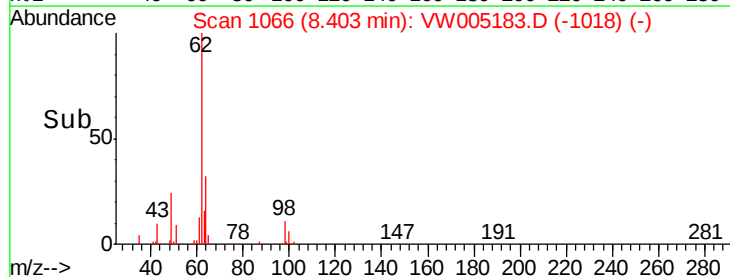
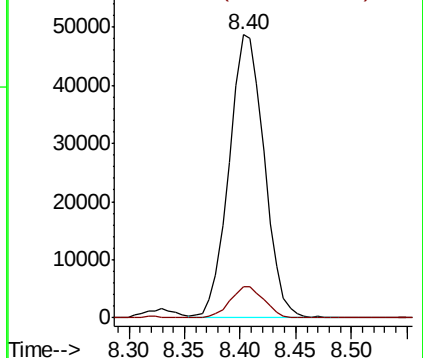
Tgt Ion:	62	Resp:	106843
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.8

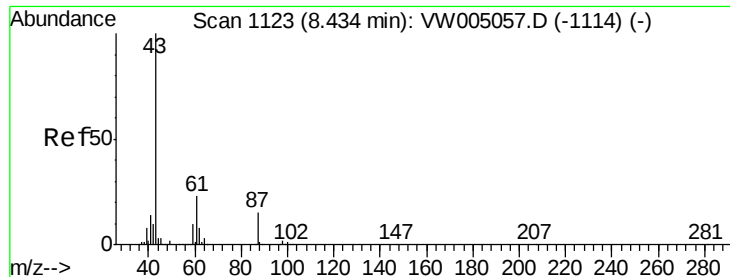


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

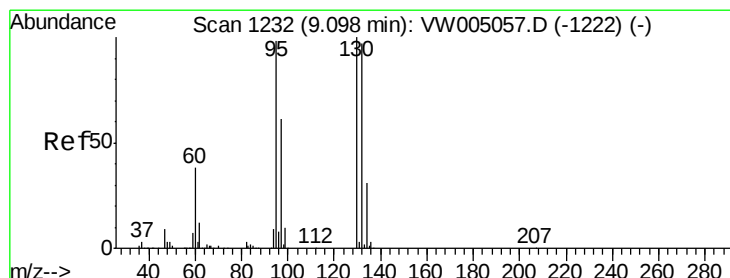
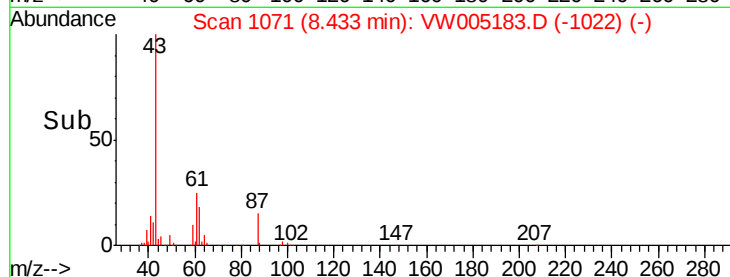
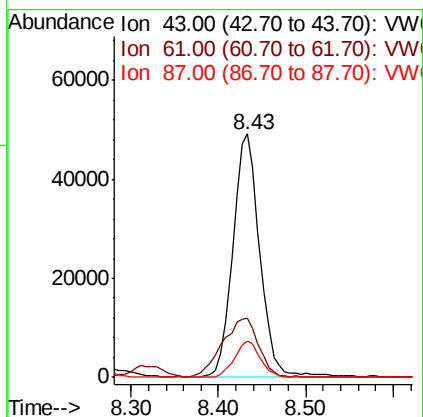
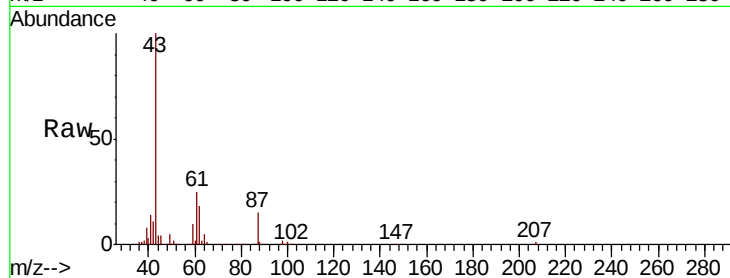




#43
Isopropyl Acetate
Concen: 25.991 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

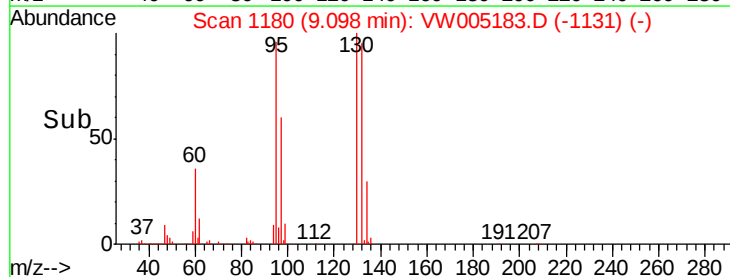
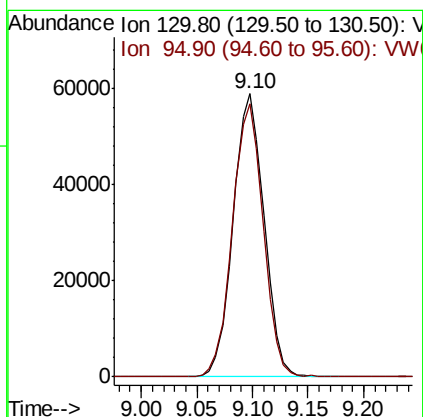
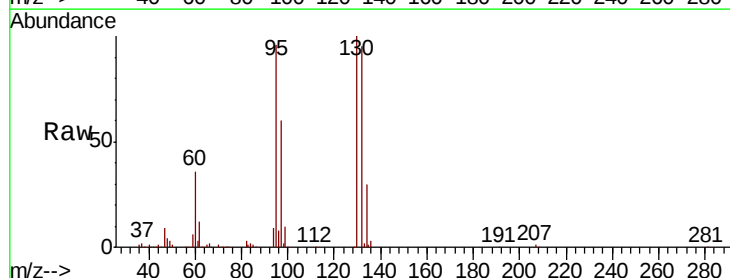
Instrument :
MSVOA_W
ClientSampleId :

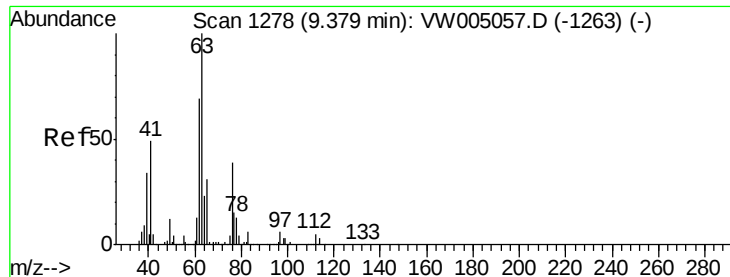
Tgt Ion: 43 Resp: 104352
Ion Ratio Lower Upper
43 100
61 33.0 26.8 40.2
87 14.3 11.6 17.4



#44
Trichloroethene
Concen: 23.150 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 130 Resp: 112812
Ion Ratio Lower Upper
130 100
95 96.4 0.0 195.2

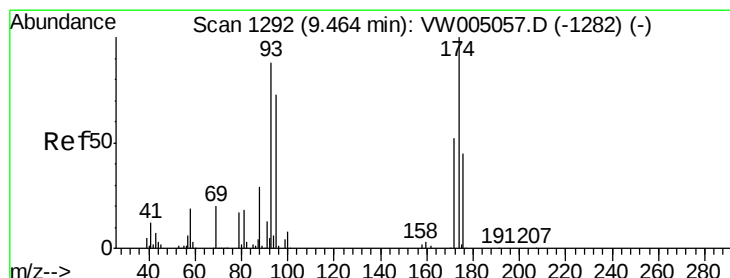
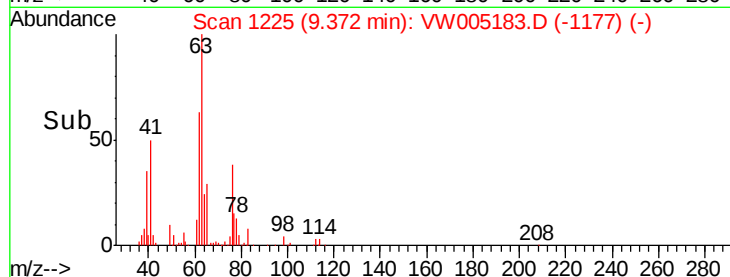
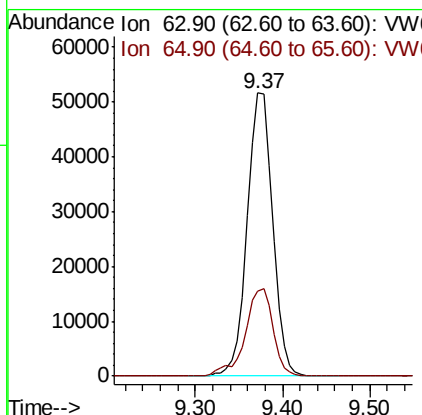
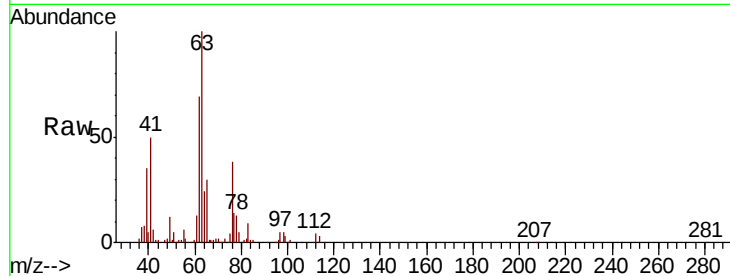




#45
 1,2-Dichloropropane
 Concen: 23.718 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

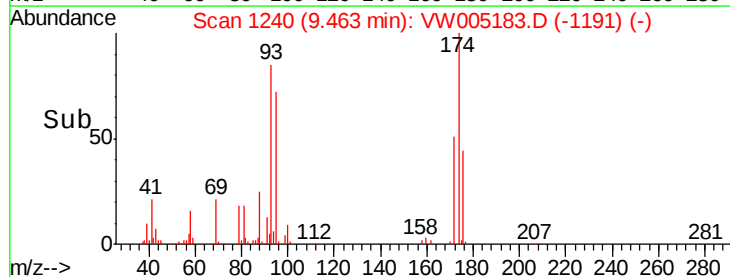
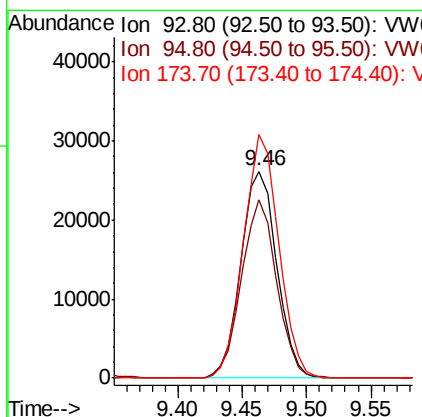
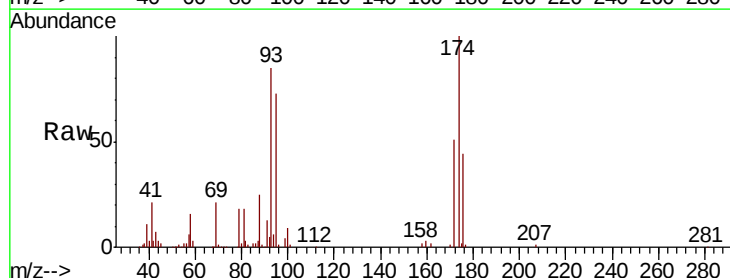
Instrument :
 MSVOA_W
 ClientSampleId :

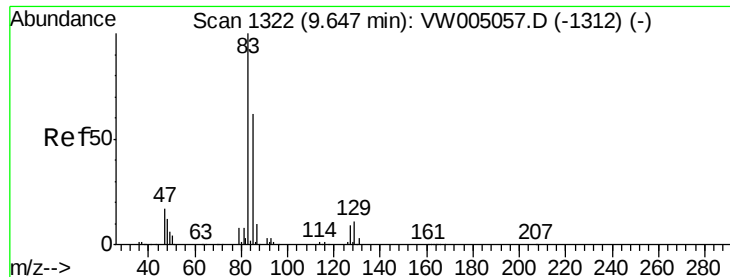
Tgt Ion: 63 Resp: 104653
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 37.0



#46
 Dibromomethane
 Concen: 23.887 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 93 Resp: 50397
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.2 99.4
 174 115.8 92.0 138.0





#47

Bromodichloromethane

Concen: 23.408 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampled :

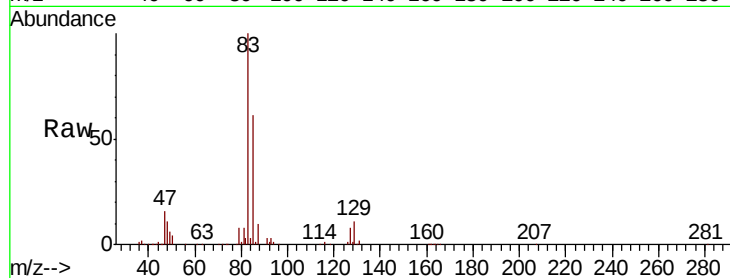
Tgt Ion: 83 Resp: 124353

Ion Ratio Lower Upper

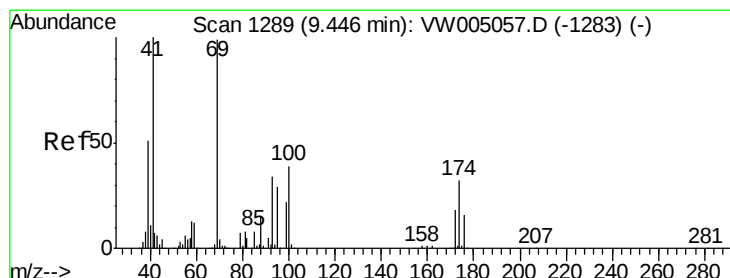
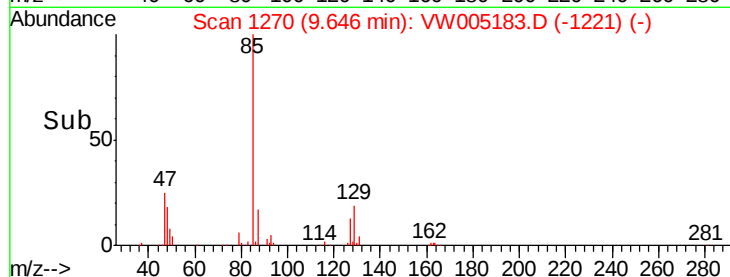
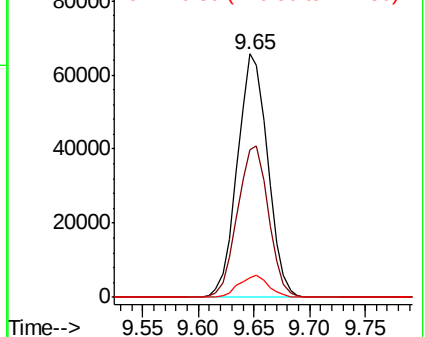
83 100

85 60.7 49.8 74.6

127 8.1 7.0 10.4



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): V



#48

Methyl methacrylate

Concen: 24.494 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

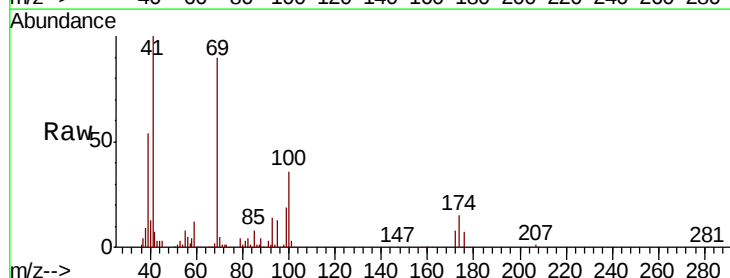
Tgt Ion: 41 Resp: 47353

Ion Ratio Lower Upper

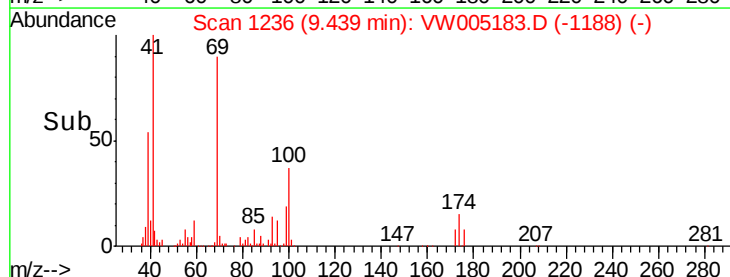
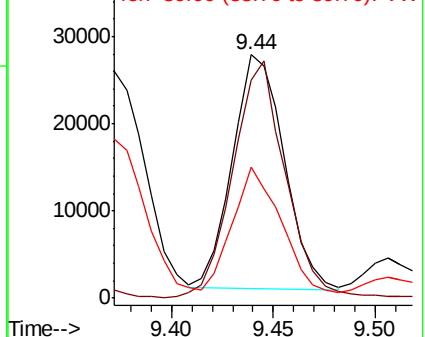
41 100

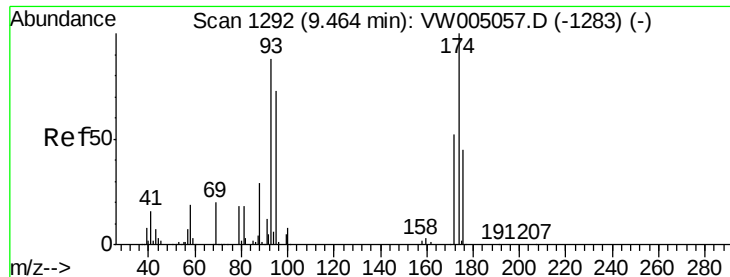
69 101.6 80.4 120.6

39 54.6 43.5 65.3



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: 514.370 ug/l

RT: 9.47 min Scan# 1241

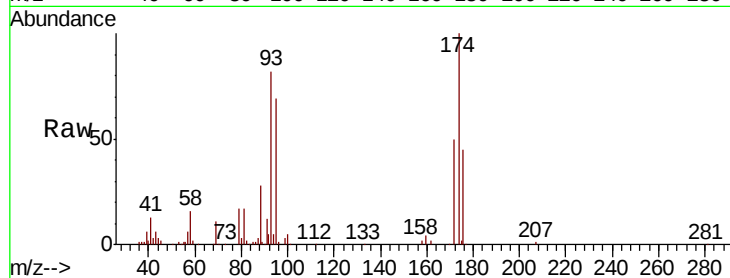
Delta R.T. 0.01 min

Lab File: VW005183.D

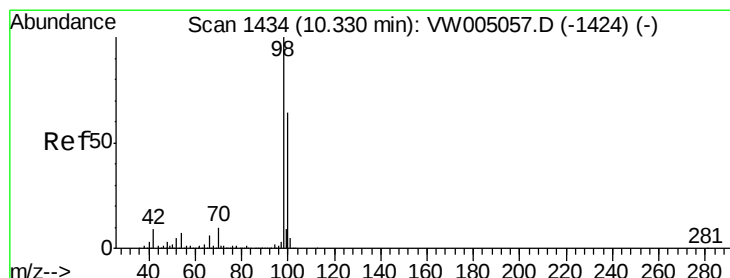
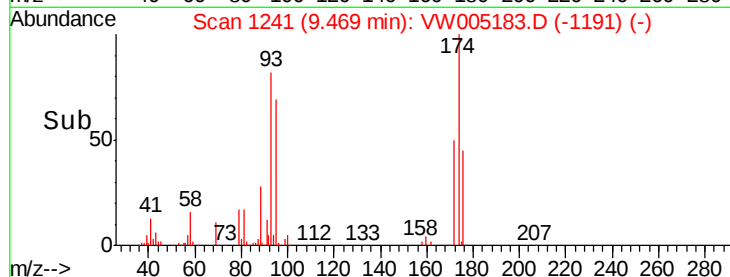
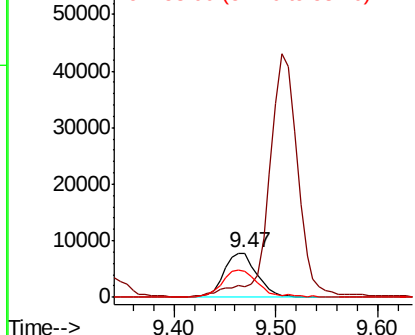
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 88 Resp: 17550
Ion Ratio Lower Upper
88 100
43 0.0 19.8 29.6#
58 69.1 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.817 ug/l

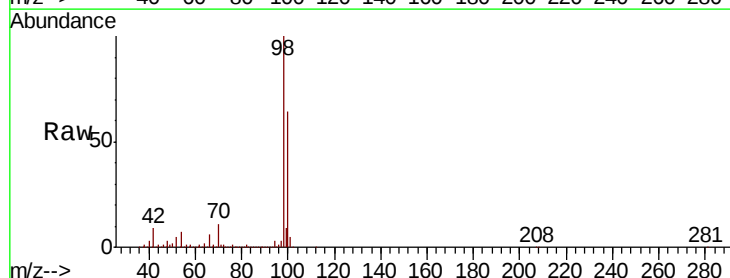
RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

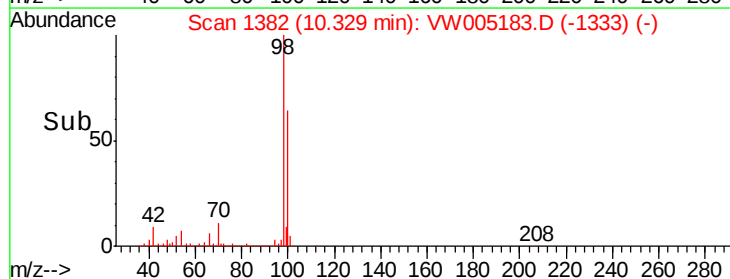
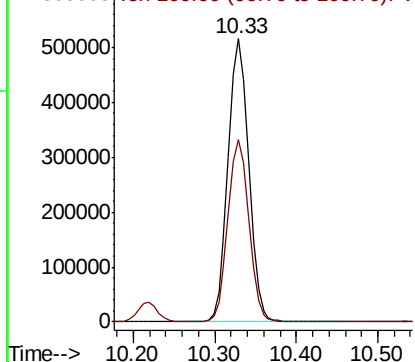
Lab File: VW005183.D

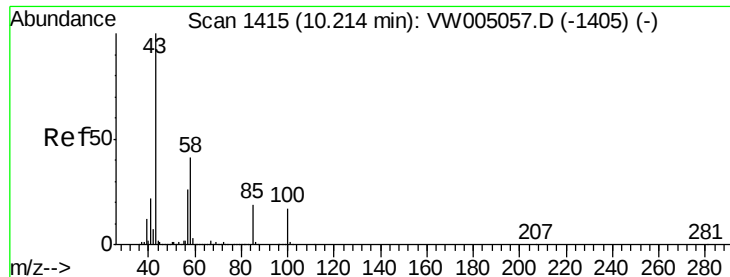
Acq: 07 Sep 2018 01:40

Tgt Ion: 98 Resp: 904216
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

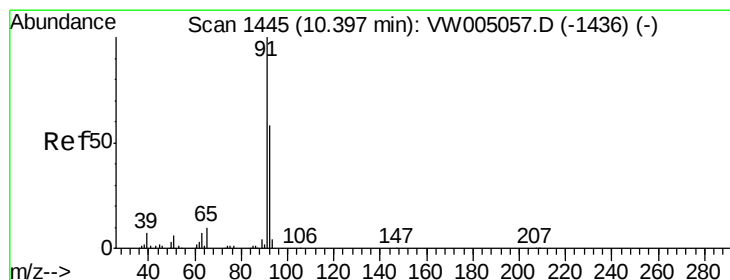
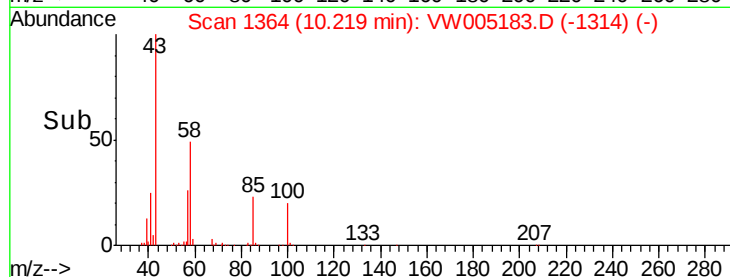
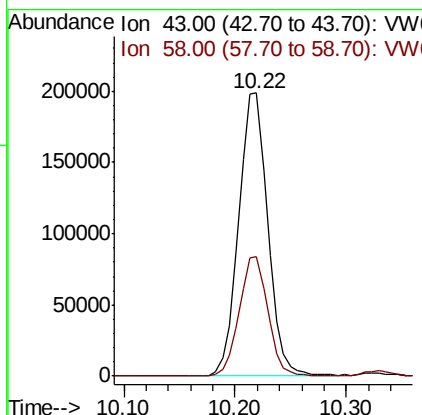
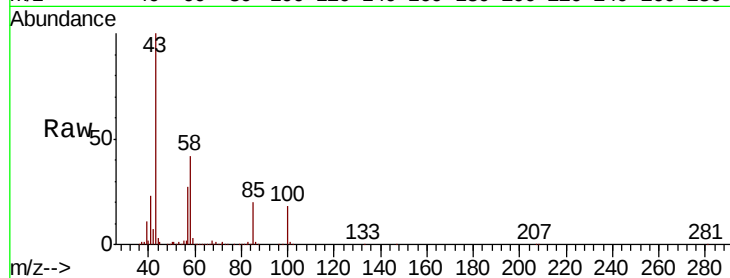




#51
 4-Methyl-2-Pentanone
 Concen: 133.851 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

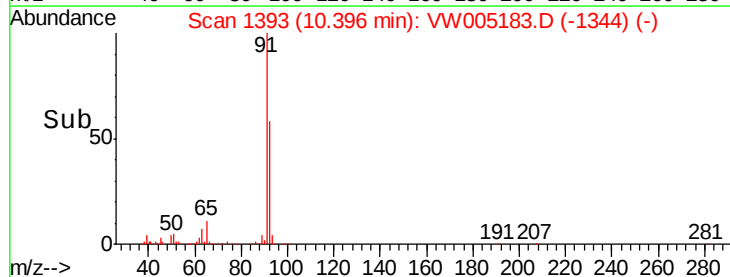
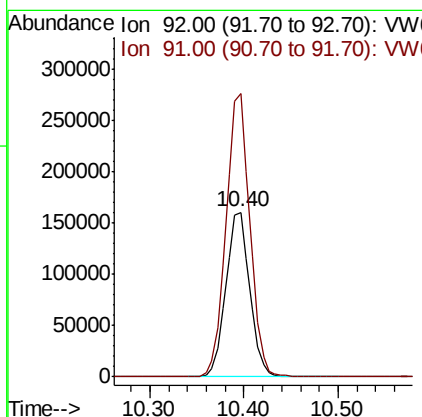
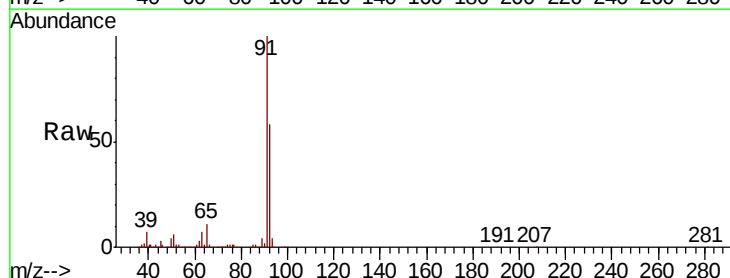
Instrument :
 MSVOA_W
 ClientSampled :

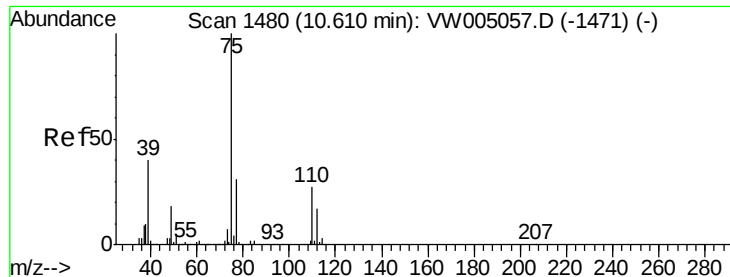
Tgt Ion: 43 Resp: 360167
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.3 49.9



#52
 Toluene
 Concen: 23.013 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 92 Resp: 281635
 Ion Ratio Lower Upper
 92 100
 91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 23.966 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

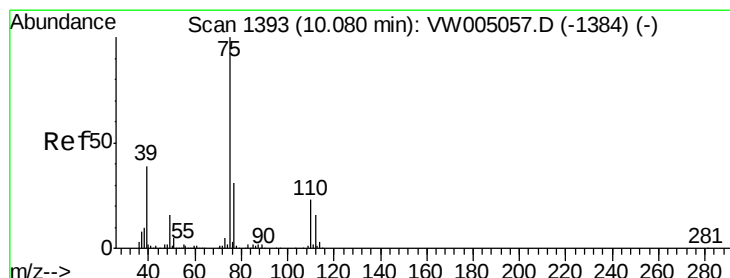
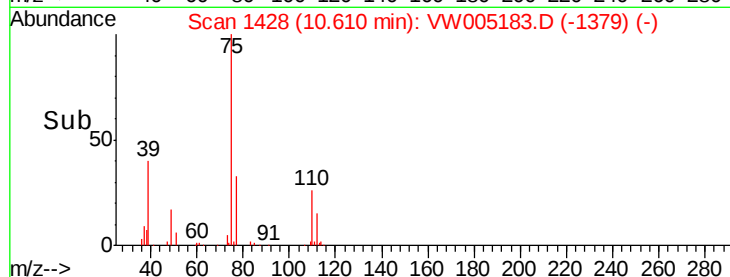
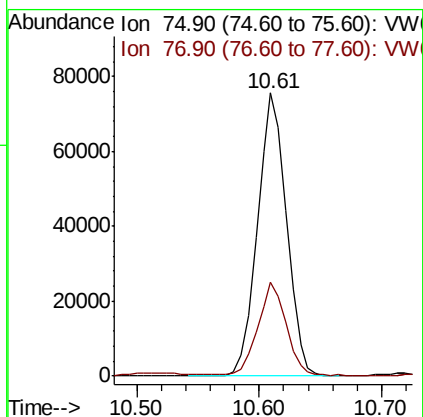
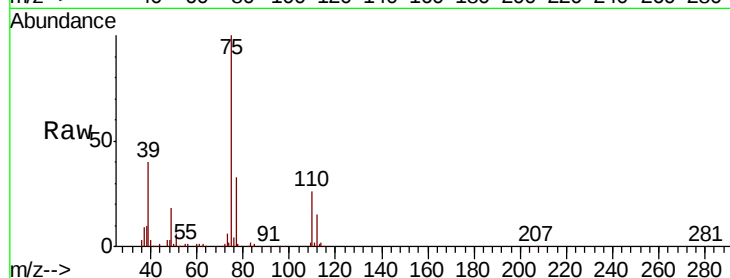
ClientSampleId :

Tgt Ion: 75 Resp: 125104

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 23.872 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

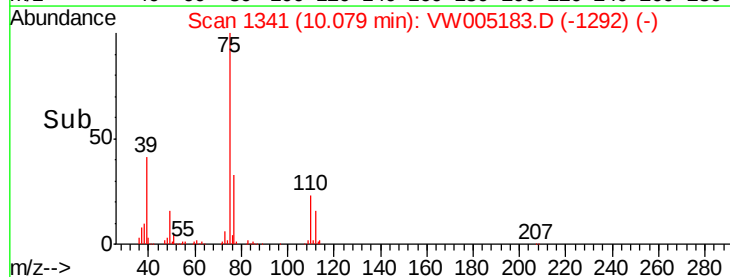
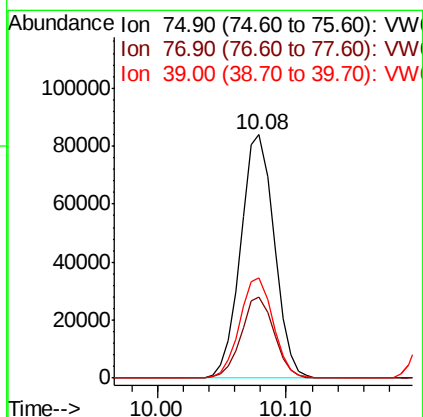
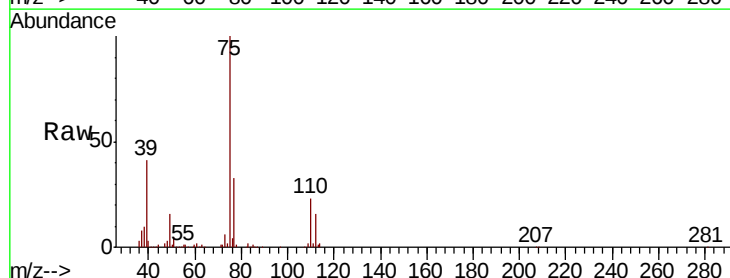
Tgt Ion: 75 Resp: 151551

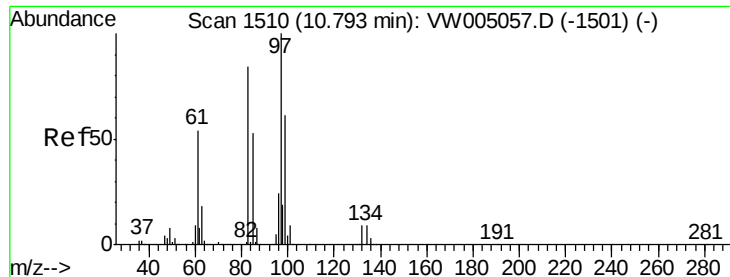
Ion Ratio Lower Upper

75 100

77 33.0 24.9 37.3

39 40.9 31.0 46.6

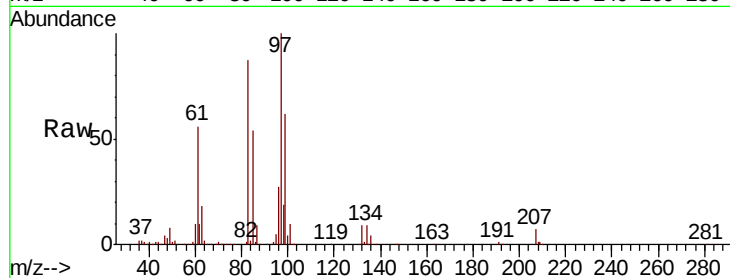




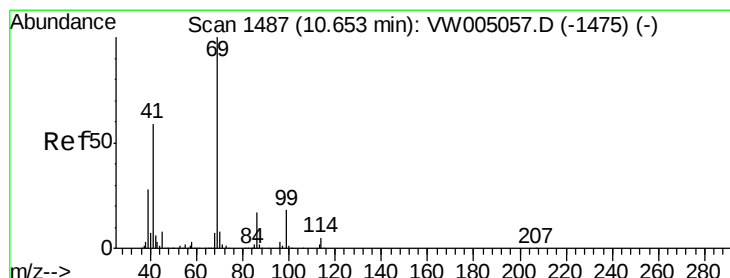
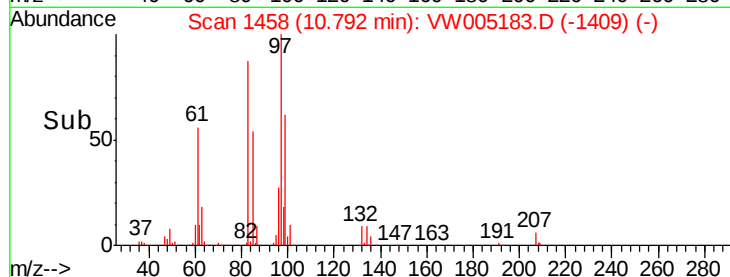
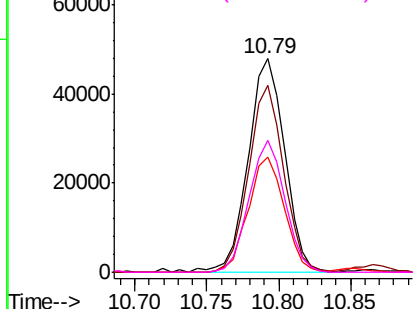
#55
 1,1,2-Trichloroethane
 Concen: 25.699 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	97	Resp:	83950
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.0	100.6
85	54.0	42.3	63.5
99	61.6	48.5	72.7

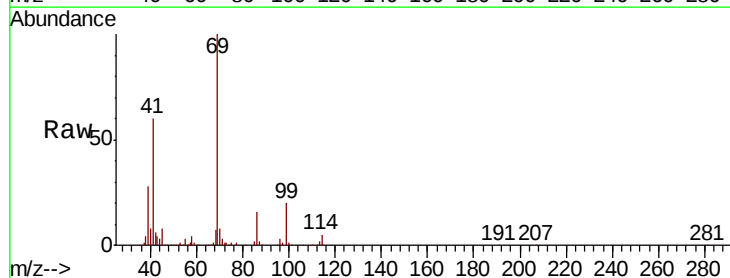


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

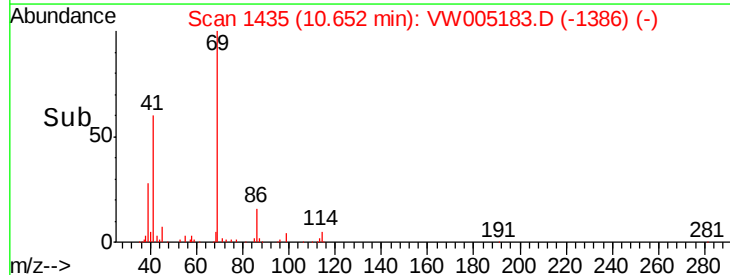
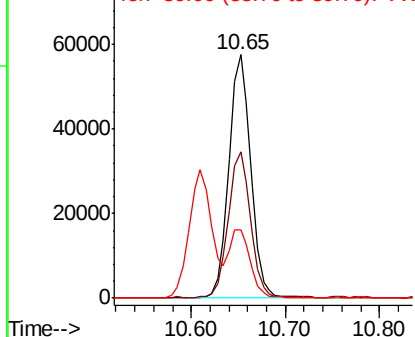


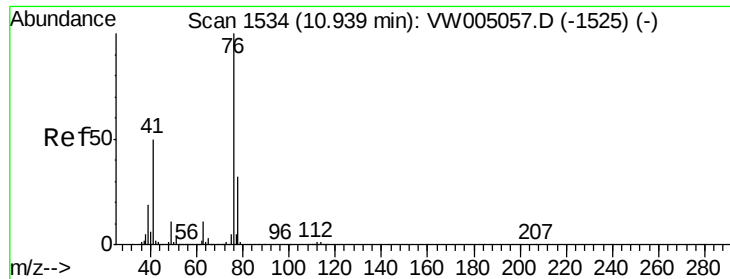
#56
 Ethyl methacrylate
 Concen: 25.015 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion:	69	Resp:	93227
Ion	Ratio	Lower	Upper
69	100		
41	61.8	47.8	71.6
39	26.8	21.1	31.7



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

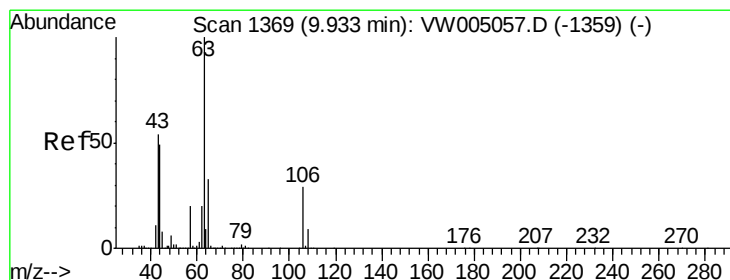
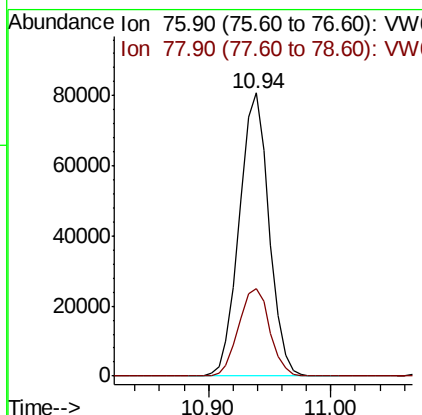
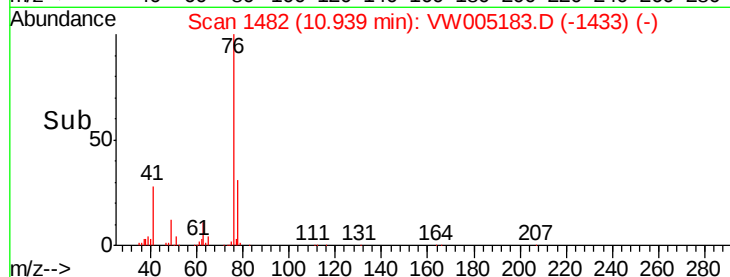
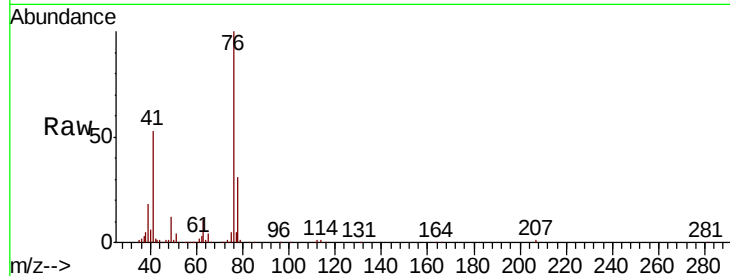




#57
 1,3-Dichloropropane
 Concen: 25.302 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

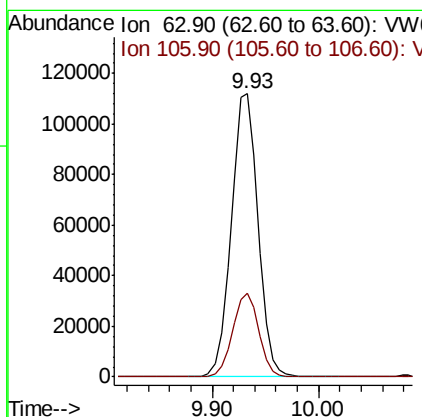
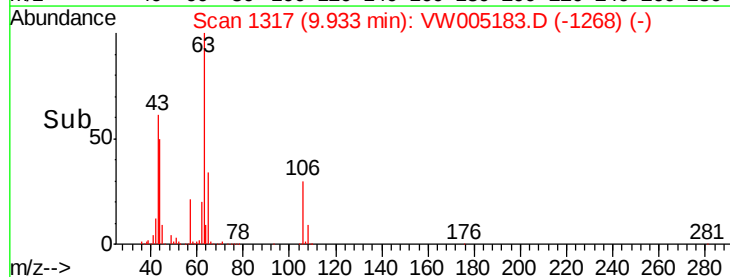
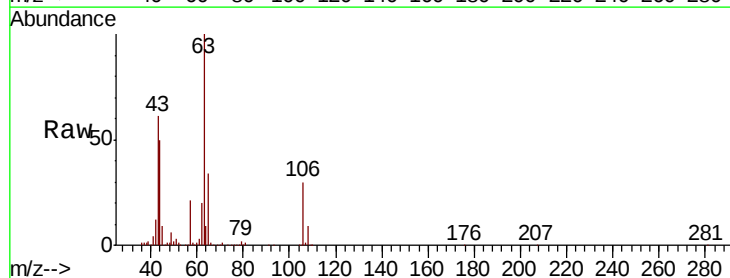
Instrument :
 MSVOA_W
 ClientSampleId :

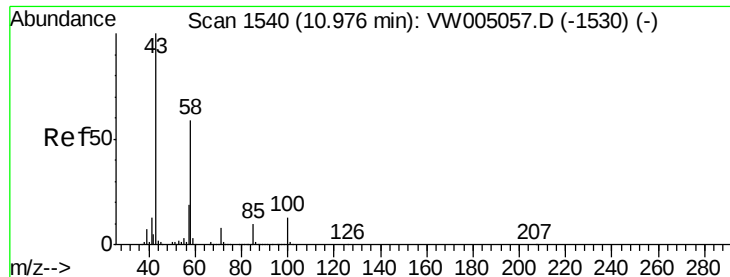
Tgt Ion: 76 Resp: 136074
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.542 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 63 Resp: 196978
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.1 34.7

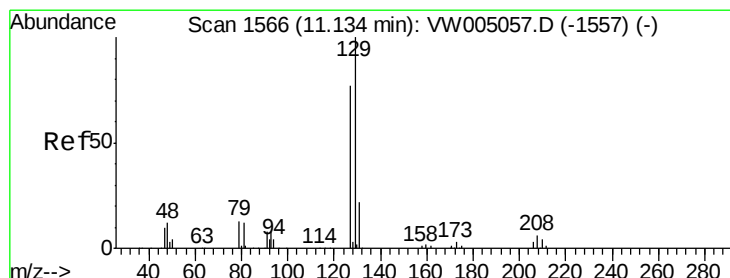
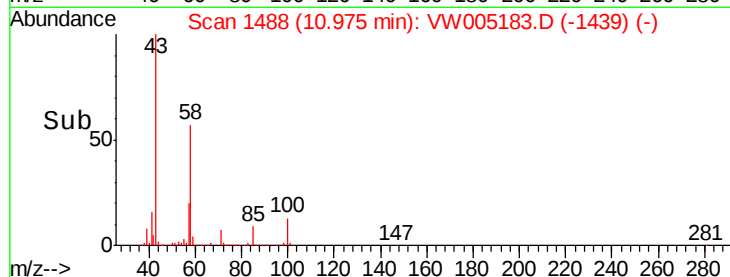
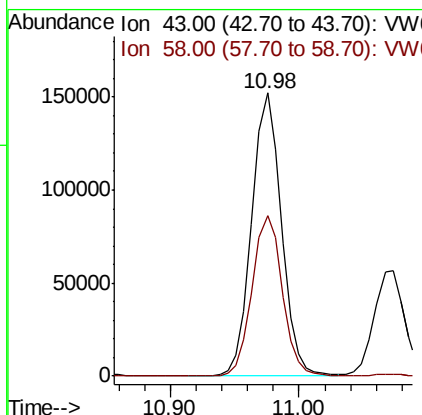
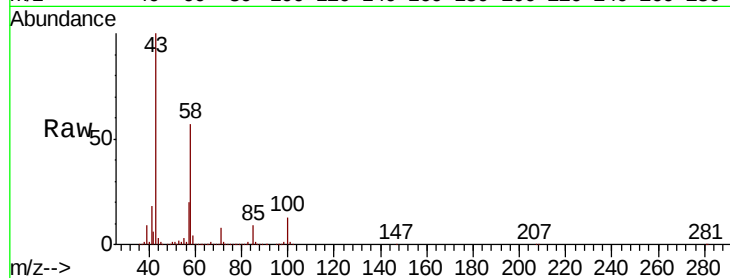




#59
2-Hexanone
Concen: 133.086 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

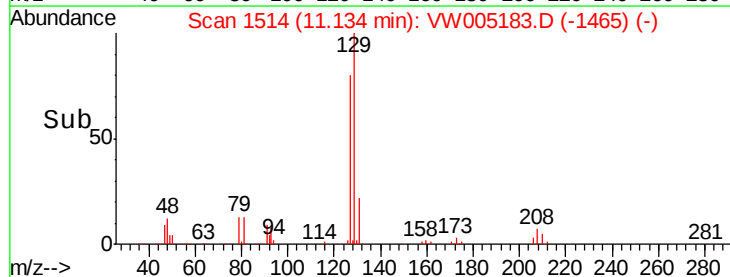
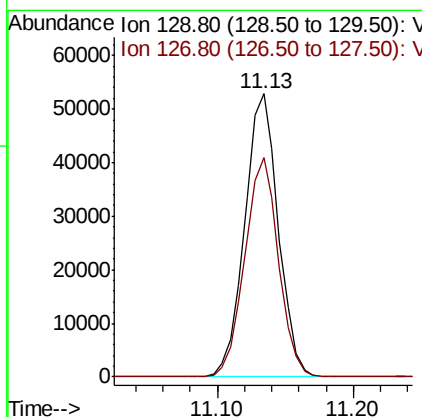
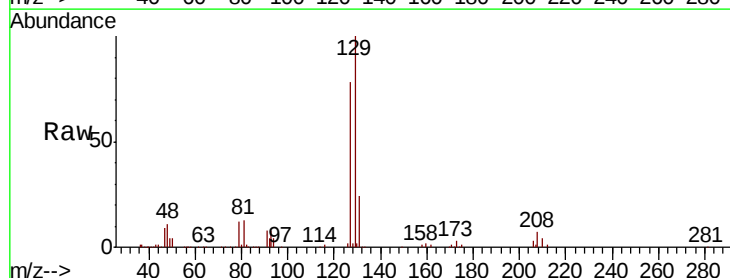
Instrument :
MSVOA_W
ClientSampleId :

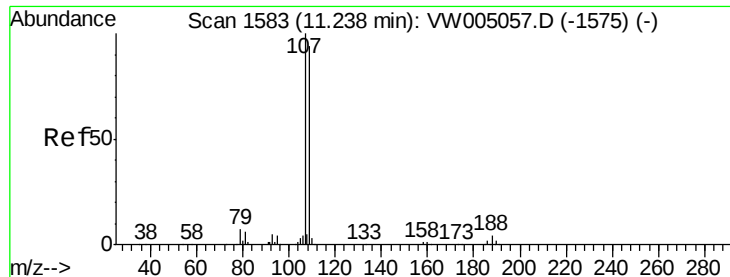
Tgt Ion: 43 Resp: 242211
Ion Ratio Lower Upper
43 100
58 57.6 28.7 86.3



#60
Dibromochloromethane
Concen: 24.699 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 129 Resp: 91216
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

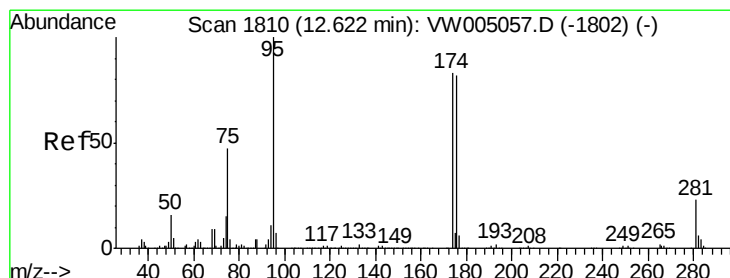
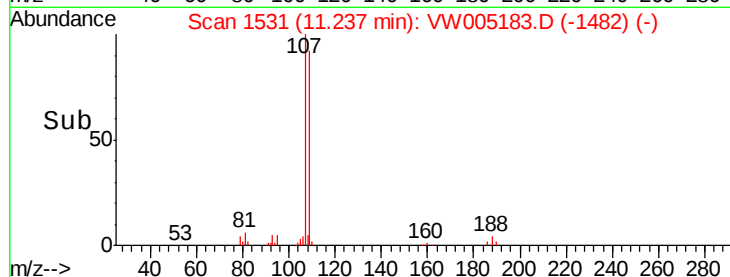
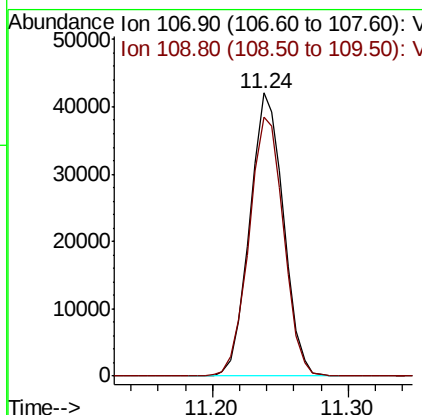
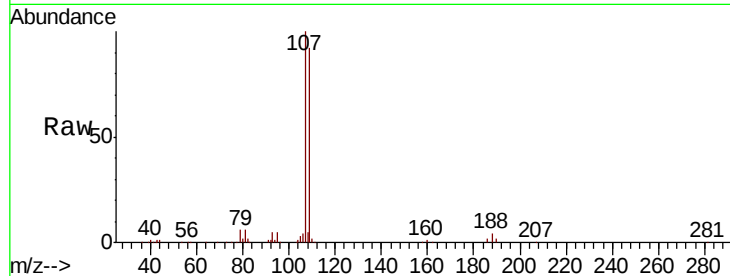




#61
 1,2-Dibromoethane
 Concen: 24.798 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

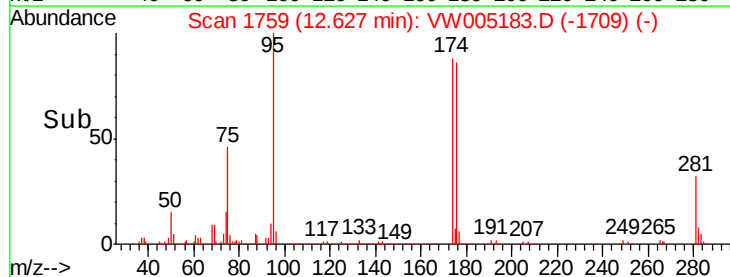
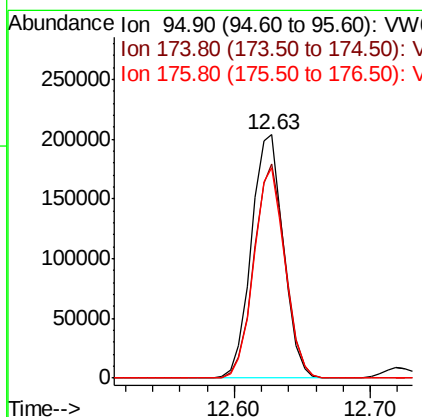
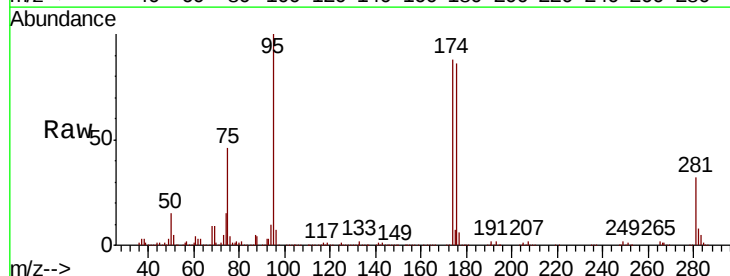
Instrument :
 MSVOA_W
 ClientSampleId :

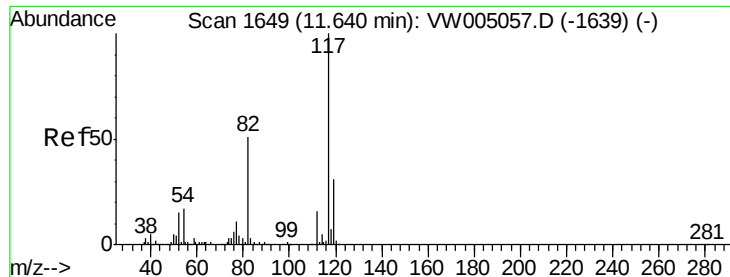
Tgt Ion: 107 Resp: 73136
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 57.778 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 95 Resp: 336056
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 173.4
 176 84.1 0.0 167.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

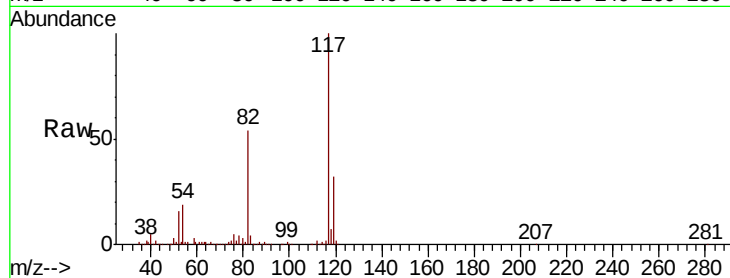
Tgt Ion:117 Resp: 616230

Ion Ratio Lower Upper

117 100

82 54.0 40.9 61.3

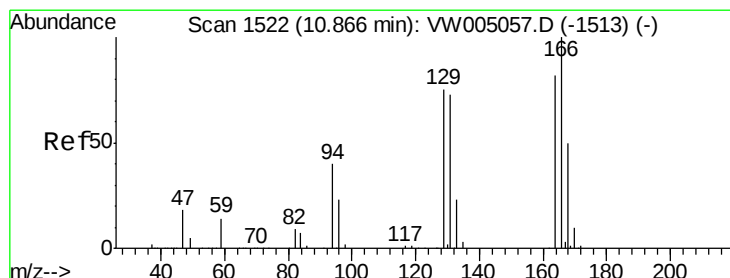
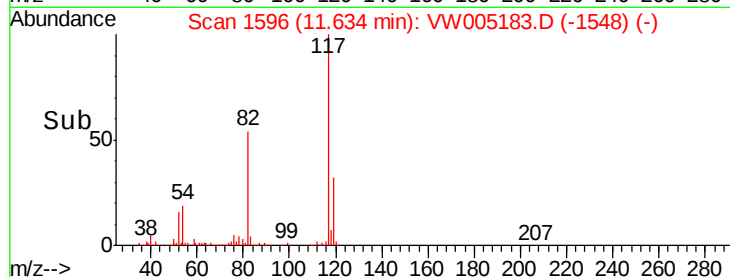
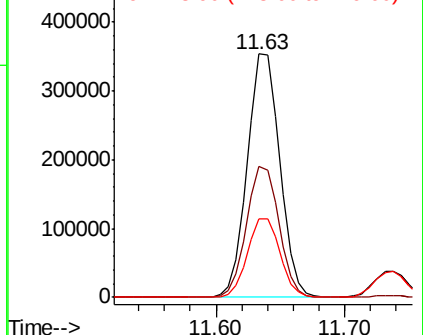
119 32.0 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 23.344 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:164 Resp: 112868

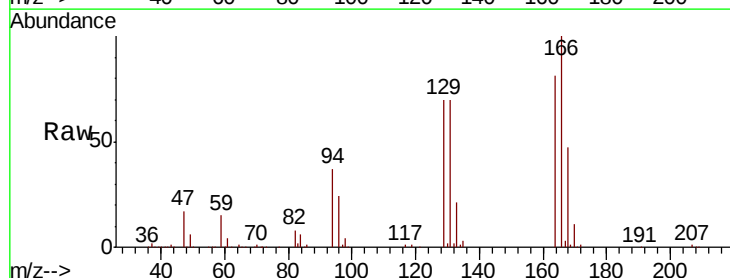
Ion Ratio Lower Upper

164 100

166 123.1 97.3 145.9

129 85.8 73.1 109.7

131 86.6 71.3 106.9

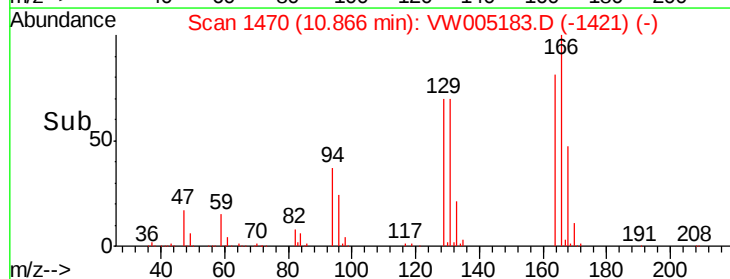
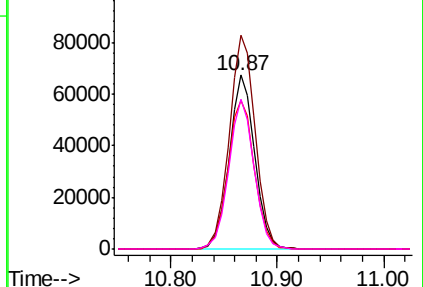


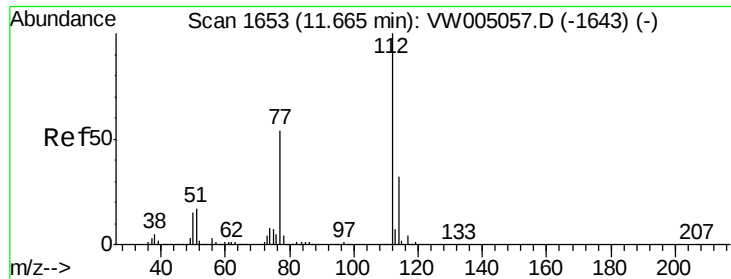
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

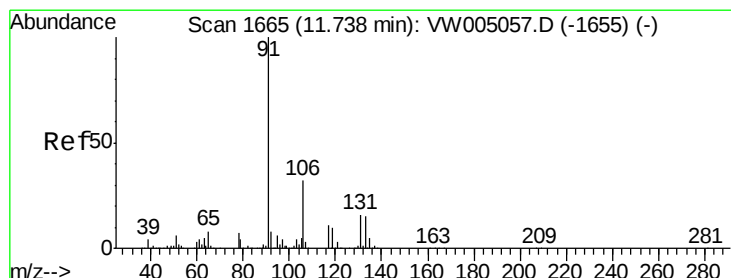
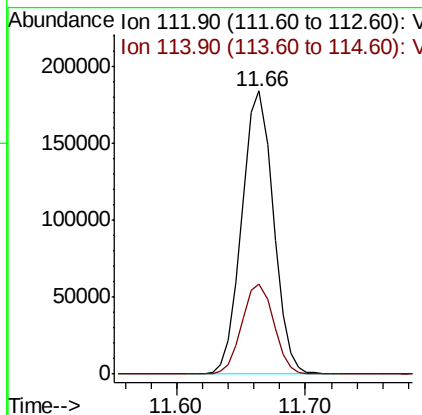
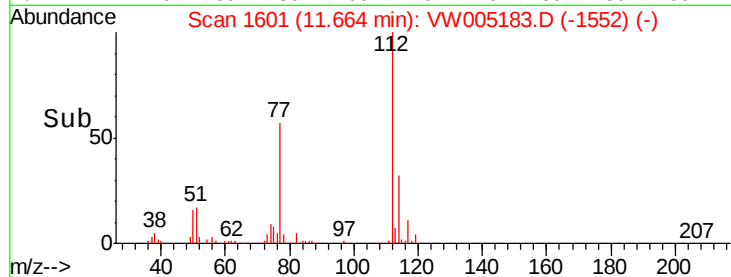
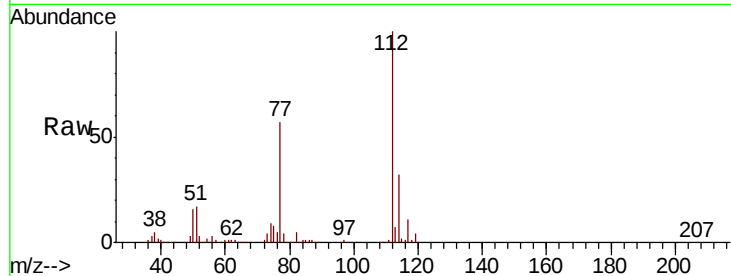




#65
Chlorobenzene
Concen: 22.552 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

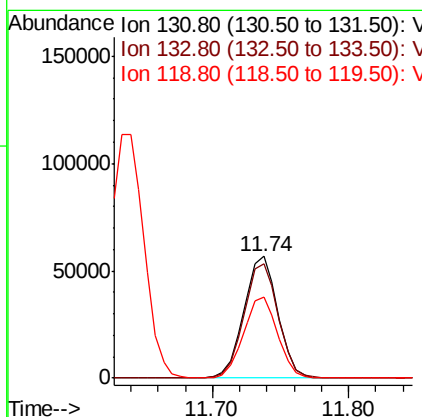
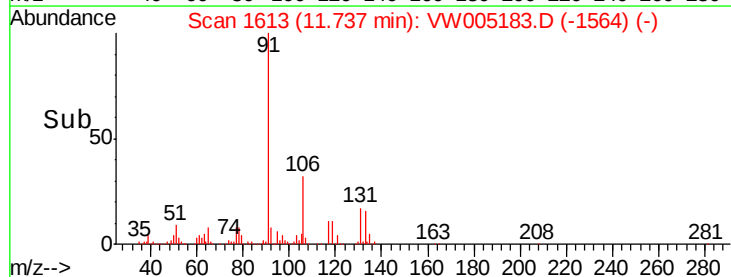
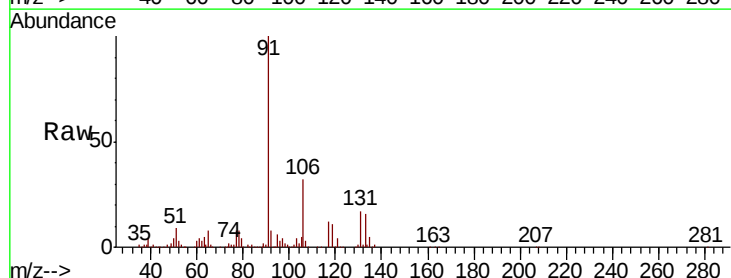
Instrument :
MSVOA_W
ClientSampleId :

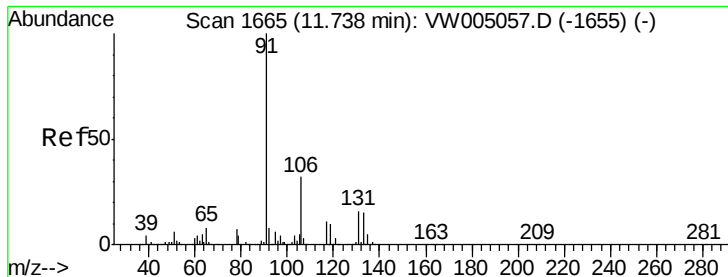
Tgt Ion:112 Resp: 312857
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 23.290 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion:131 Resp: 98733
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 66.6 33.4 100.1

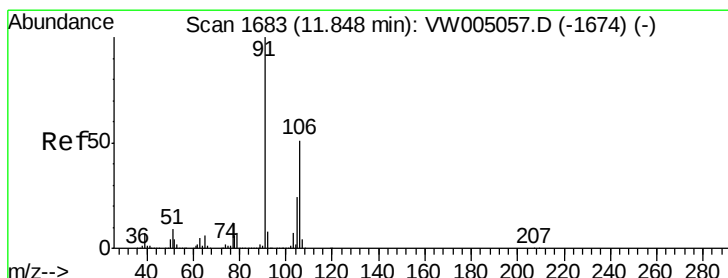
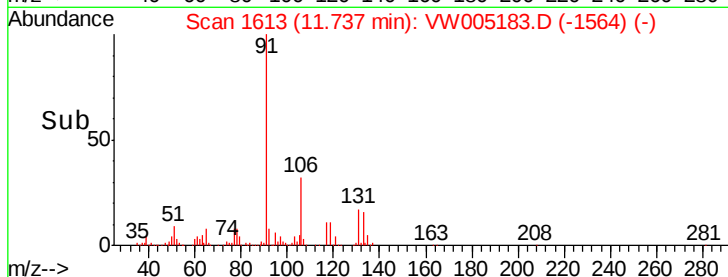
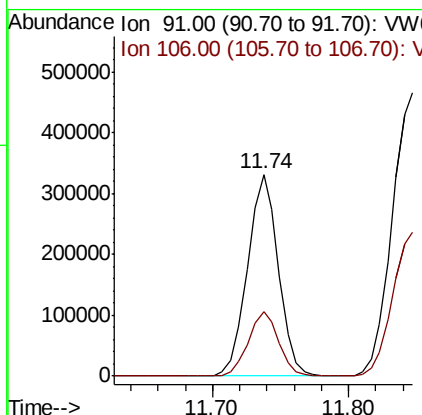
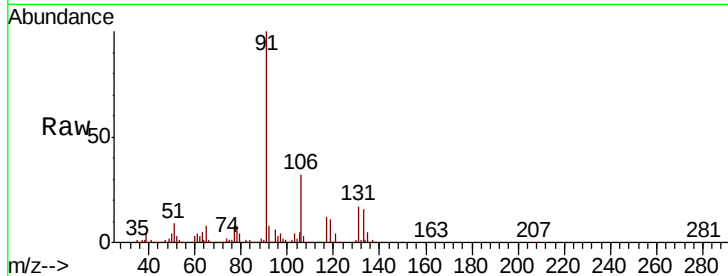




#67
 Ethyl Benzene
 Concen: 22.379 ug/l
 RT: 11.74 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

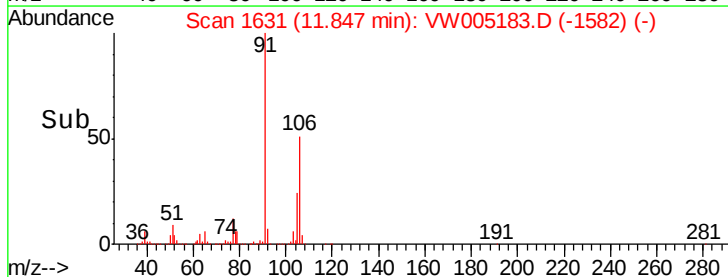
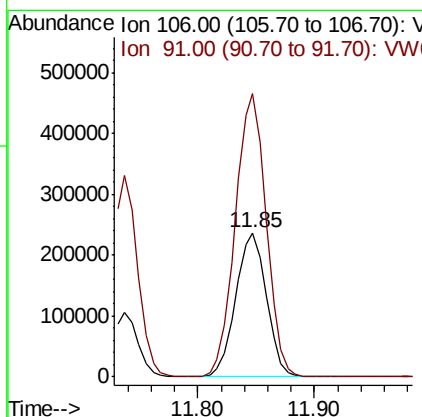
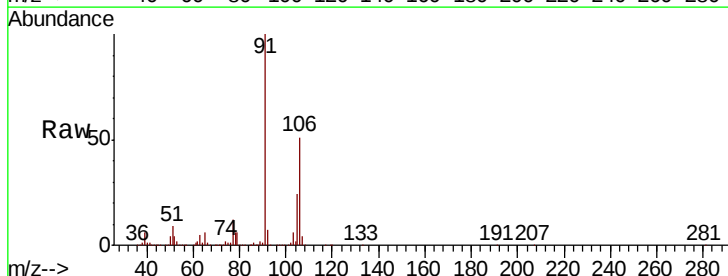
Instrument :
 MSVOA_W
 ClientSampled :

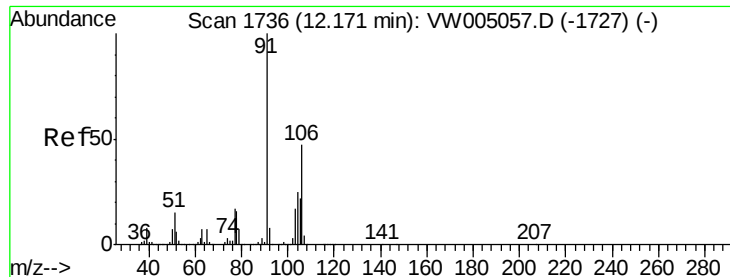
Tgt Ion: 91 Resp: 524849
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.3 37.9



#68
 m/p-Xylenes
 Concen: 46.459 ug/l
 RT: 11.85 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion: 106 Resp: 436266
 Ion Ratio Lower Upper
 106 100
 91 197.2 158.4 237.6

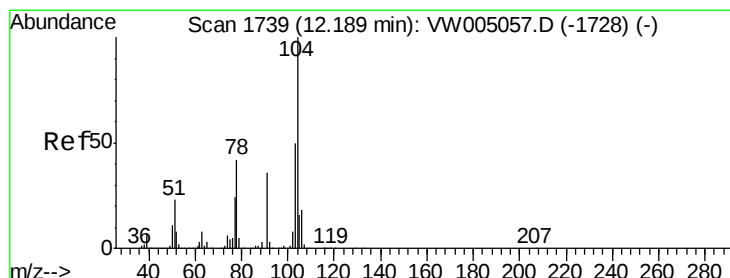
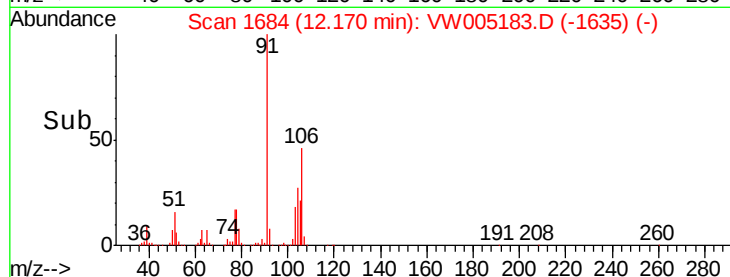
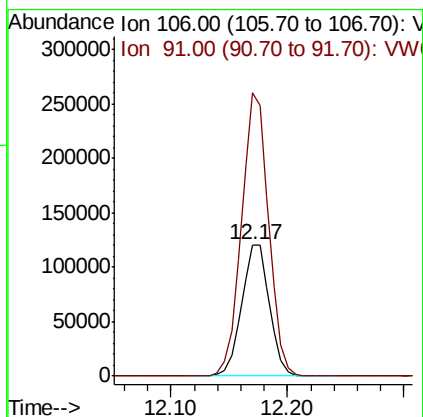
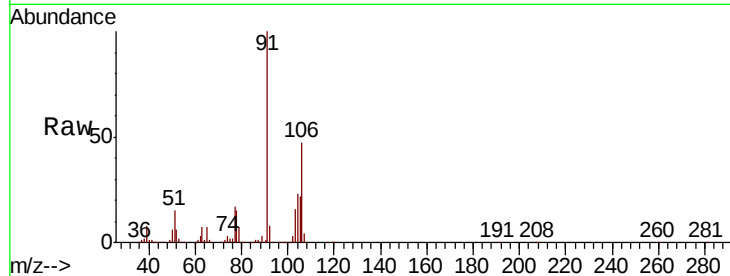




#69
o-Xylene
Concen: 23.111 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

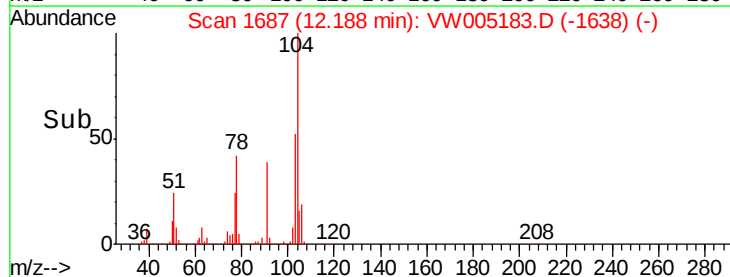
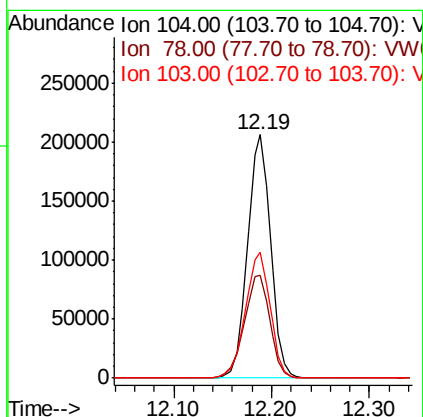
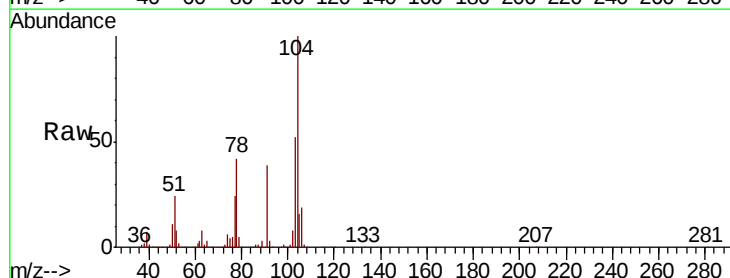
Instrument :
MSVOA_W
ClientSampled :

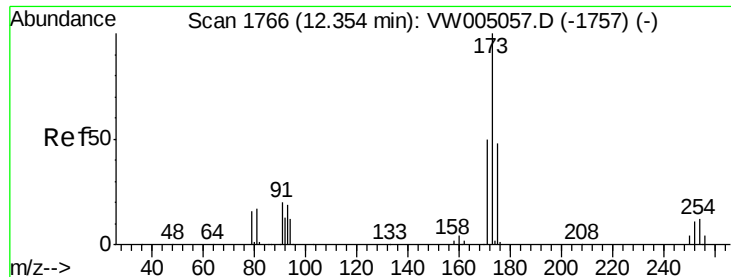
Tgt Ion:106 Resp: 200646
Ion Ratio Lower Upper
106 100
91 210.8 105.6 316.8



#70
Styrene
Concen: 23.491 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion:104 Resp: 336896
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 24.459 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

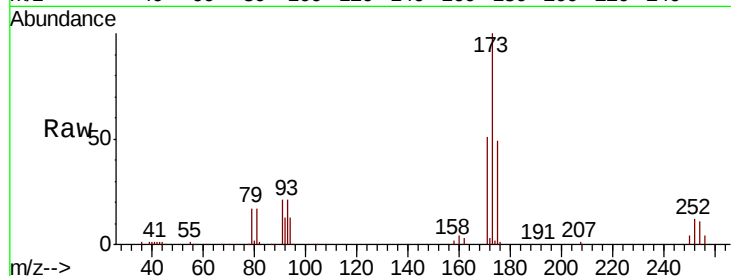
Tgt Ion:173 Resp: 54956

Ion Ratio Lower Upper

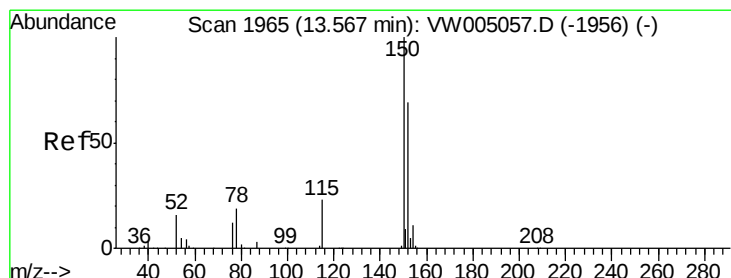
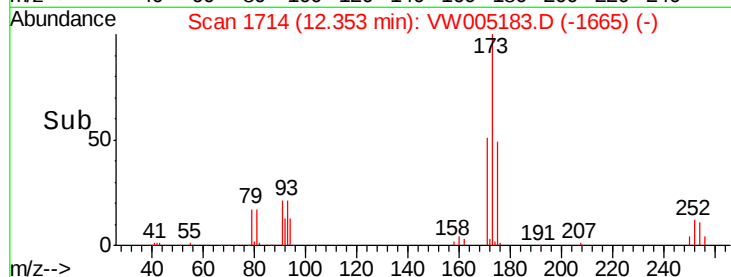
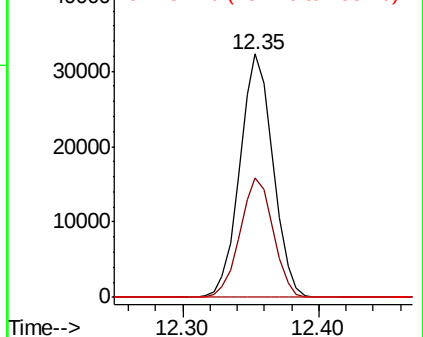
173 100

175 49.0 24.1 72.2

254 0.1 0.2 0.2#



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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

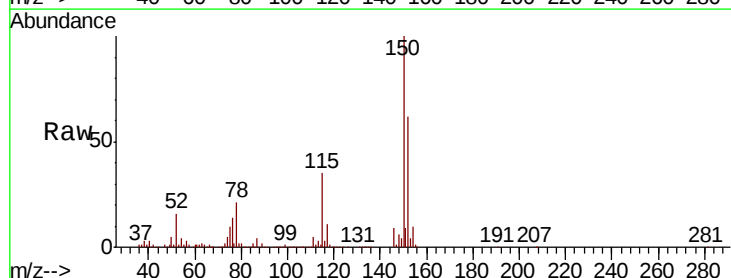
Tgt Ion:152 Resp: 343522

Ion Ratio Lower Upper

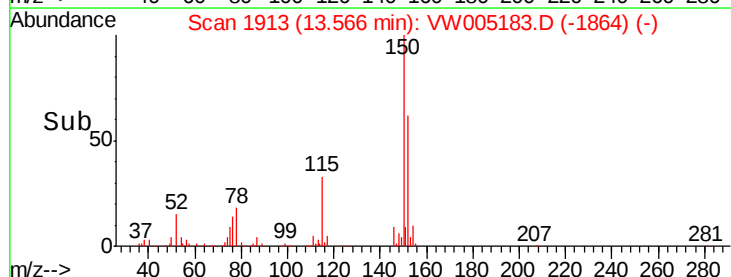
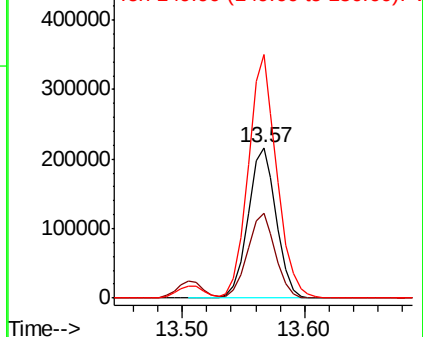
152 100

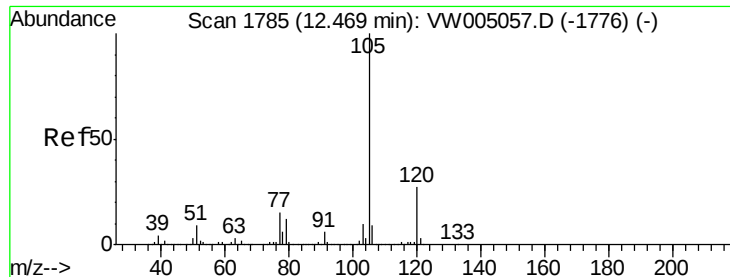
115 55.7 27.8 83.4

150 164.0 0.0 351.4



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: 21.973 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

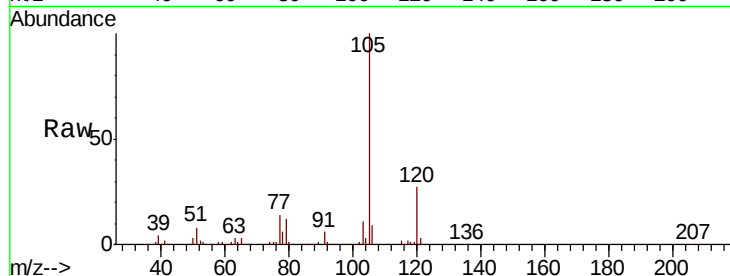
ClientSampleId :

Tgt Ion:105 Resp: 532224

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

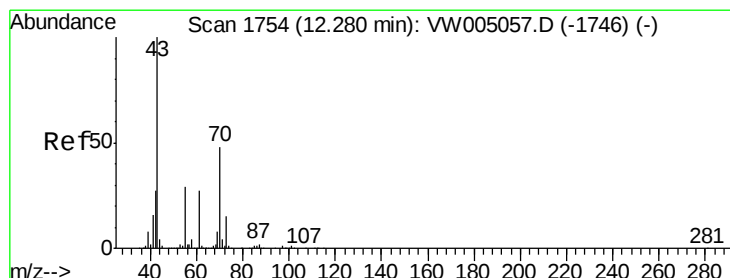
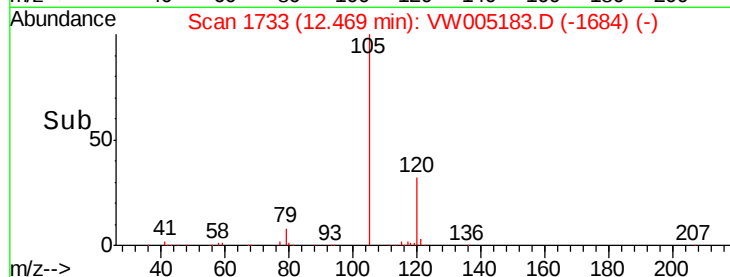
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 23.881 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion: 43 Resp: 99600

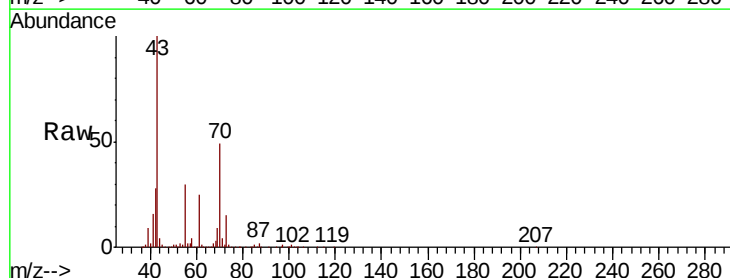
Ion Ratio Lower Upper

43 100

70 47.6 38.2 57.4

55 30.3 23.2 34.8

61 25.0 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.28

80000

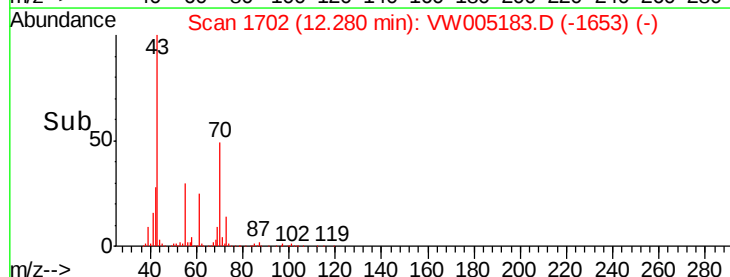
60000

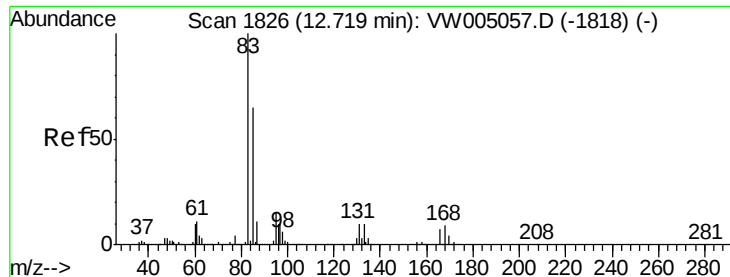
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.900 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005183.D

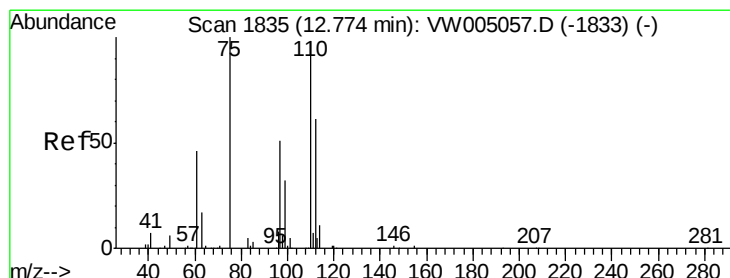
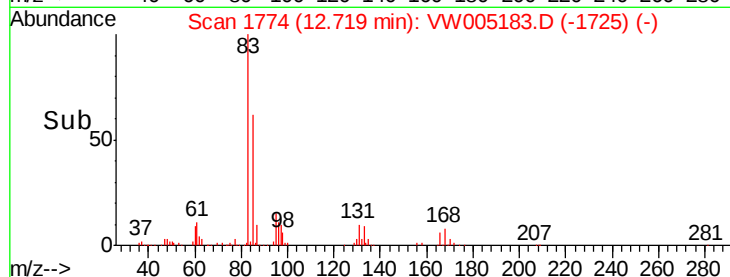
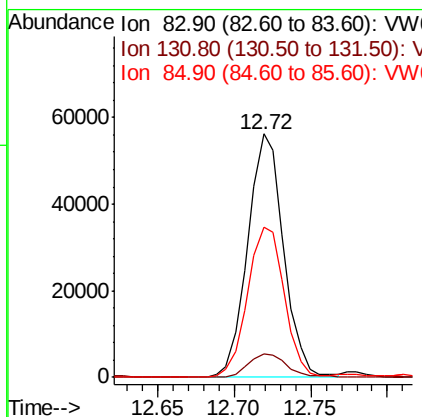
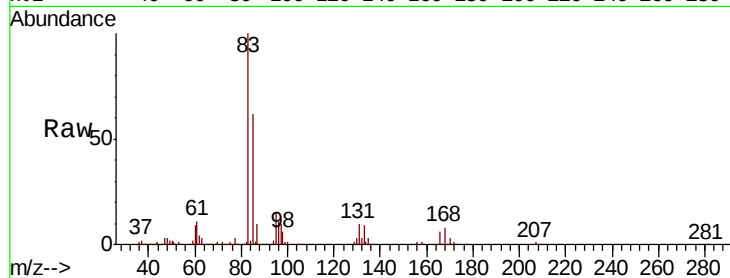
Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	91817
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	63.3	32.5	97.4



#76

1,2,3-Trichloropropane

Concen: 43.419 ug/l

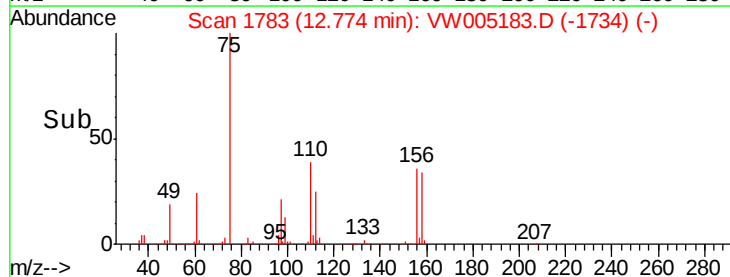
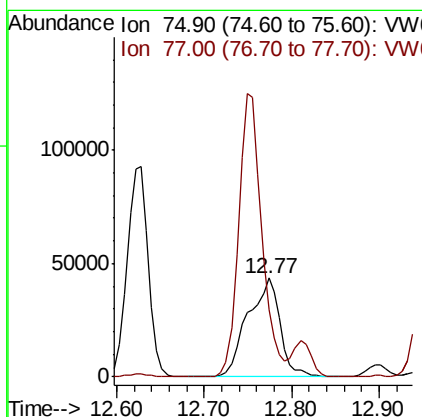
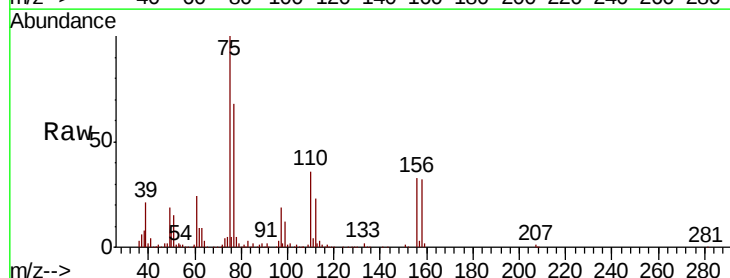
RT: 12.77 min Scan# 1783

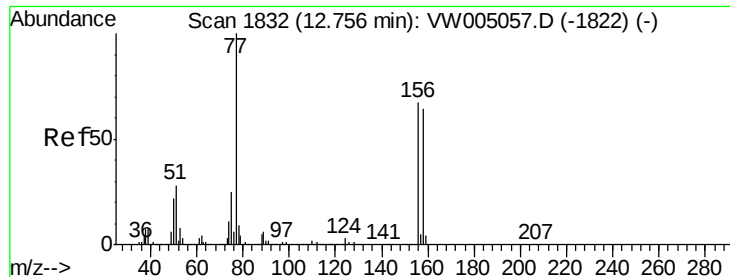
Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	75	Resp:	111958
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

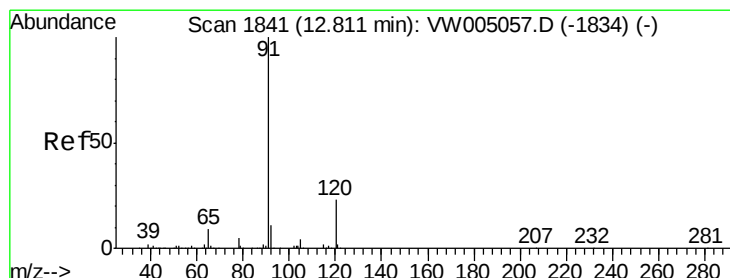
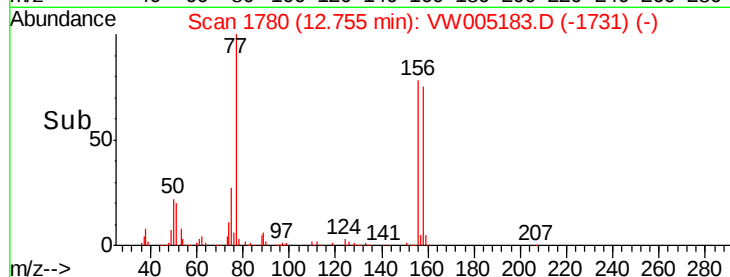
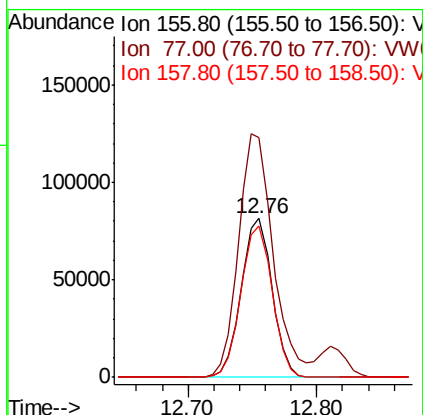
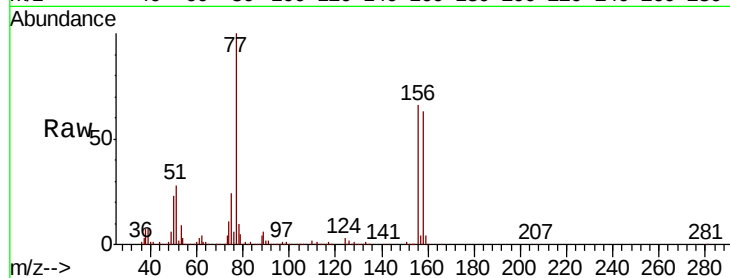




#77
Bromobenzene
Concen: 22.536 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

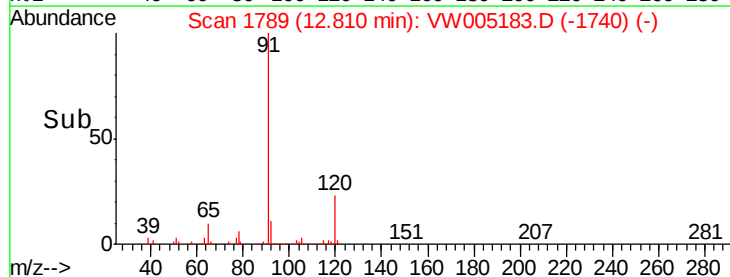
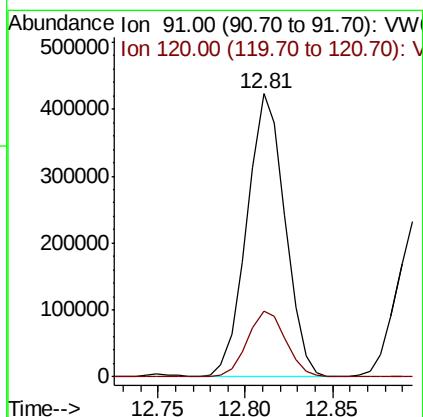
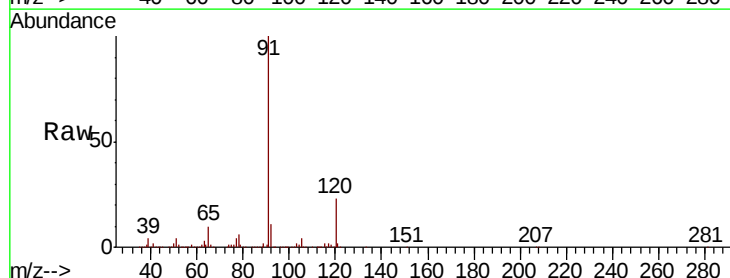
Instrument :
MSVOA_W
ClientSampleId :

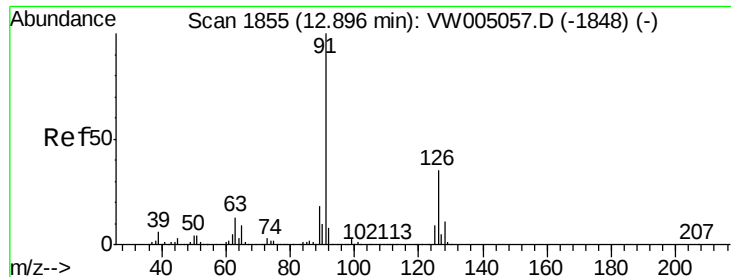
Tgt Ion: 156 Resp: 134503
Ion Ratio Lower Upper
156 100
77 172.5 85.8 257.4
158 96.8 48.1 144.4



#78
n-propylbenzene
Concen: 21.918 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 91 Resp: 640908
Ion Ratio Lower Upper
91 100
120 23.7 11.8 35.3





#79

2-Chlorotoluene

Concen: 22.290 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

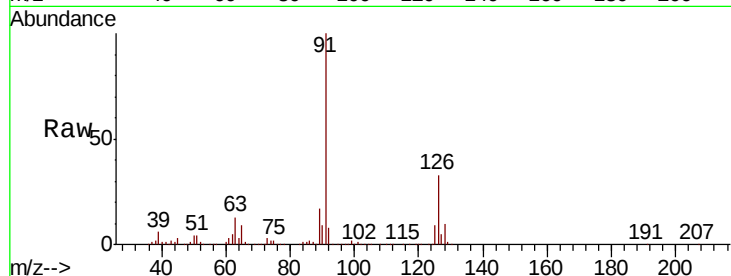
ClientSampleId :

Tgt Ion: 91 Resp: 380254

Ion Ratio Lower Upper

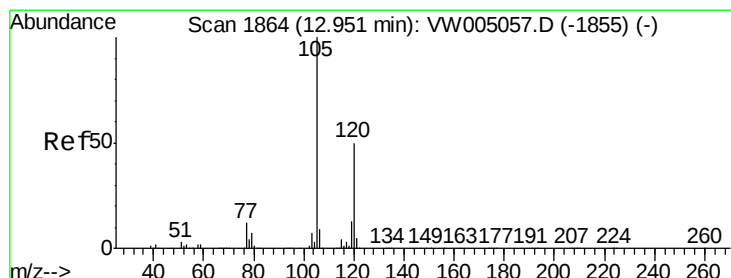
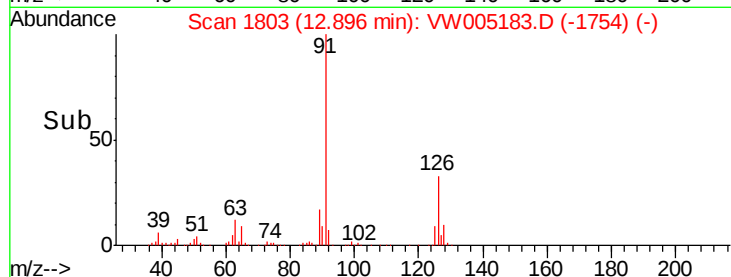
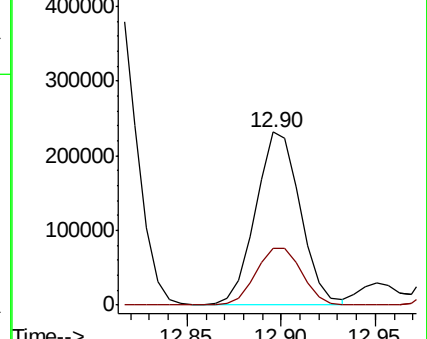
91 100

126 34.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.347 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005183.D

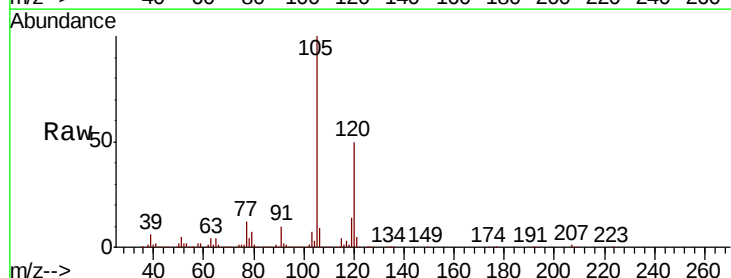
Acq: 07 Sep 2018 01:40

Tgt Ion: 105 Resp: 468096

Ion Ratio Lower Upper

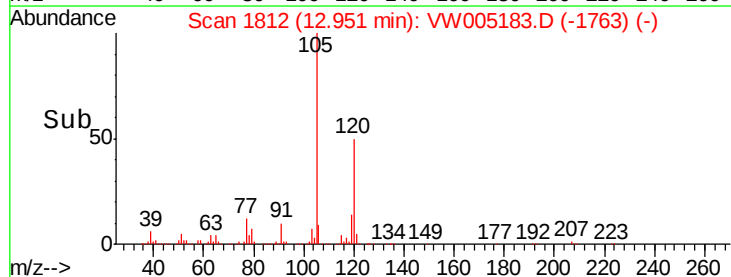
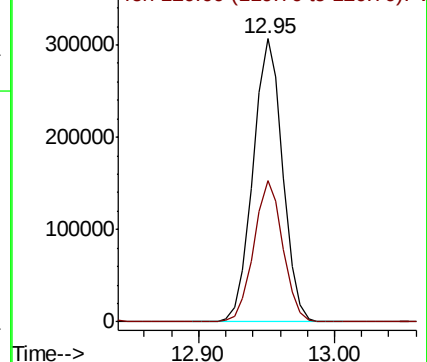
105 100

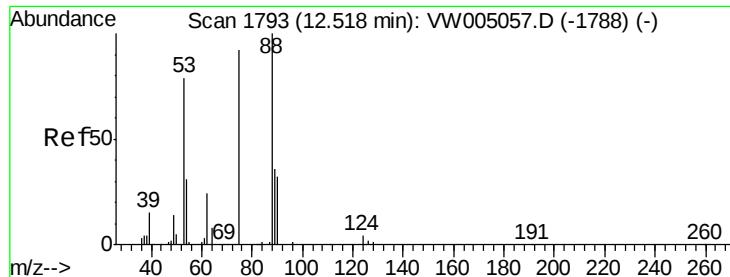
120 49.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

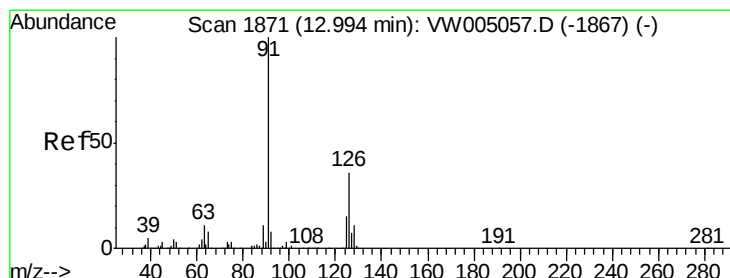
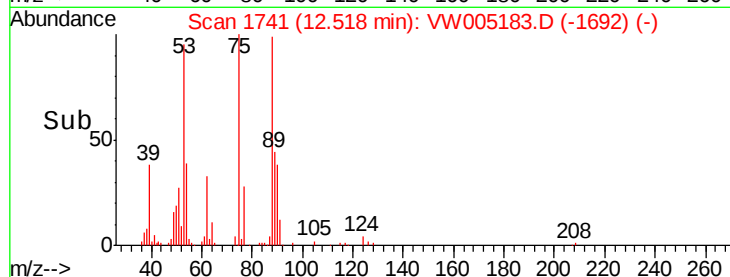
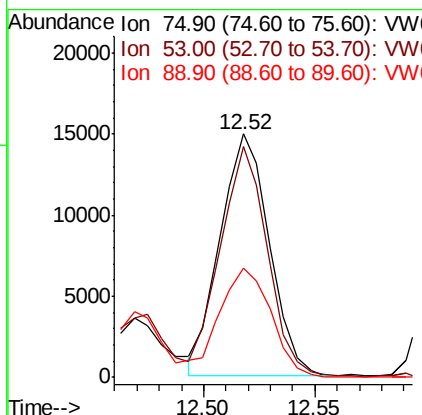
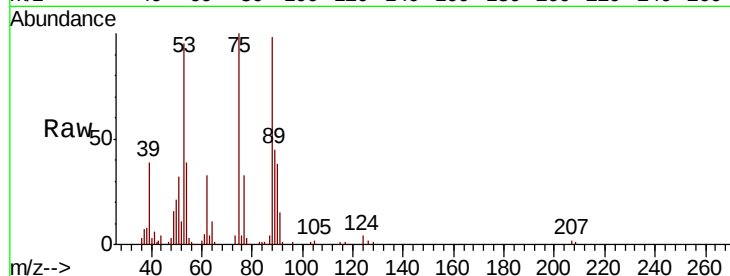




#81
trans-1,4-Dichloro-2-butene
Concen: 21.297 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

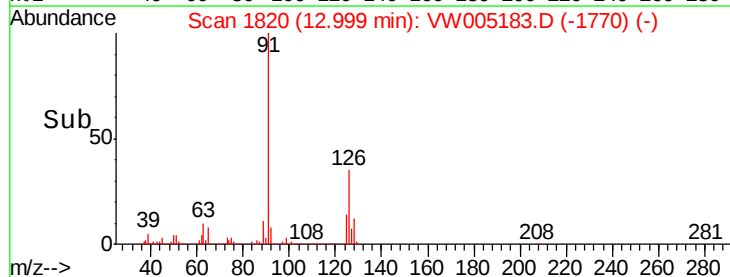
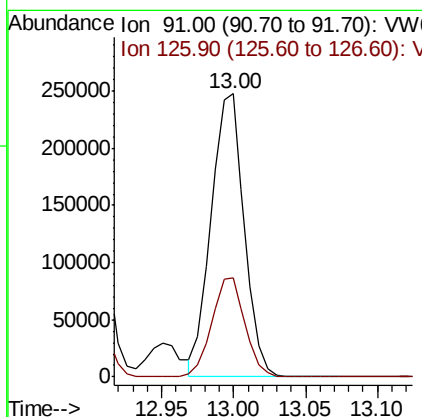
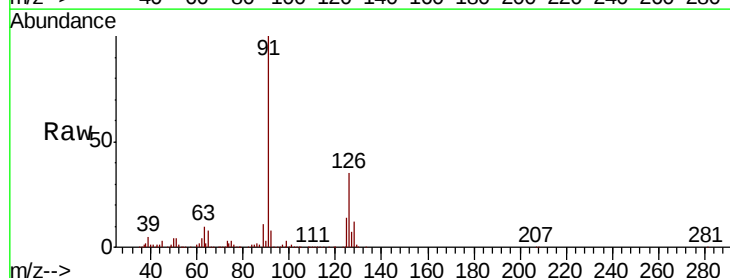
Instrument :
MSVOA_W
ClientSampleId :

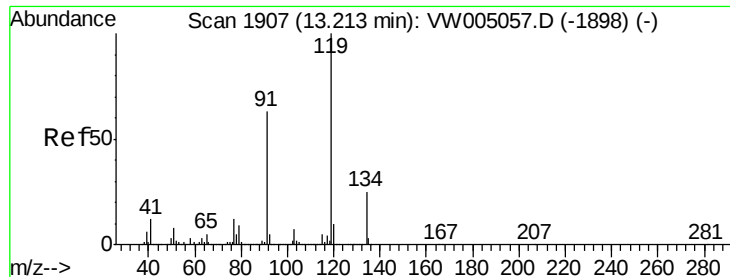
Tgt Ion: 75 Resp: 22816
Ion Ratio Lower Upper
75 100
53 91.9 69.8 104.8
89 49.1 36.0 54.0



#82
4-Chlorotoluene
Concen: 21.994 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 91 Resp: 396207
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 21.833 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

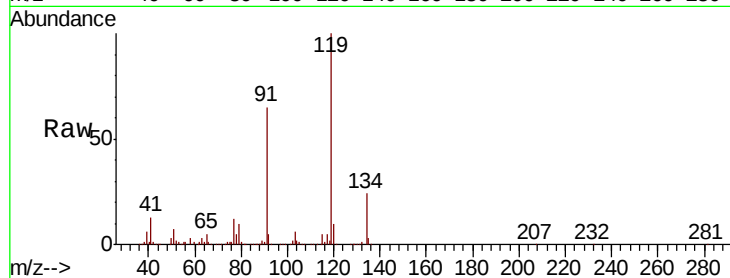
Tgt Ion:119 Resp: 381925

Ion Ratio Lower Upper

119 100

91 64.4 31.8 95.4

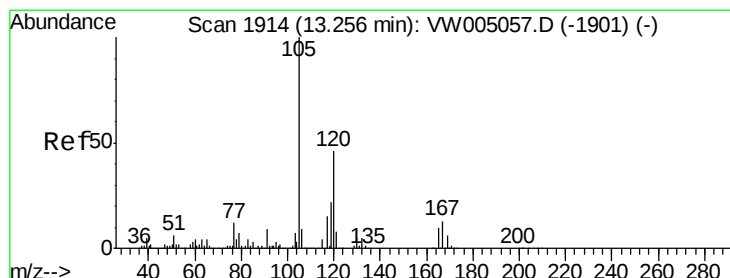
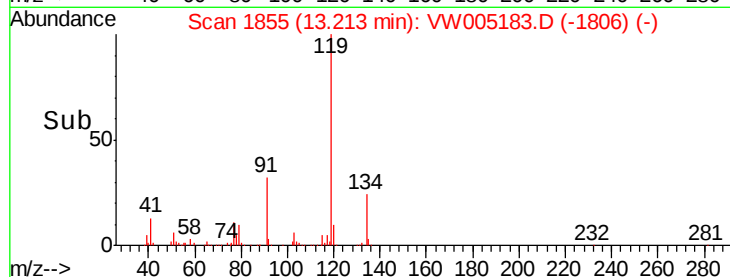
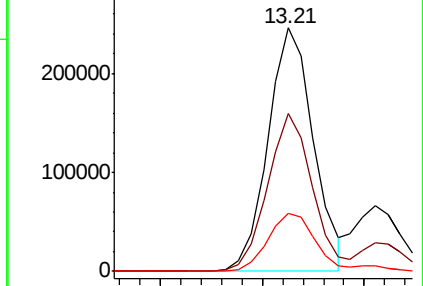
134 26.3 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.153 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005183.D

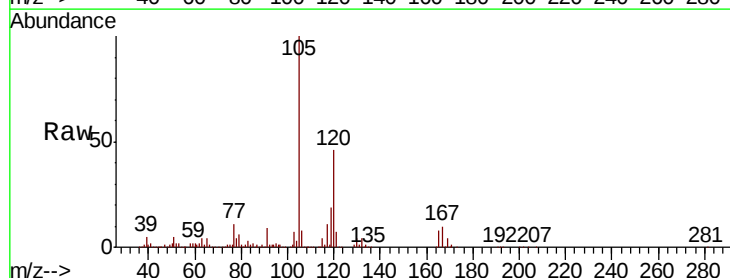
Acq: 07 Sep 2018 01:40

Tgt Ion:105 Resp: 472583

Ion Ratio Lower Upper

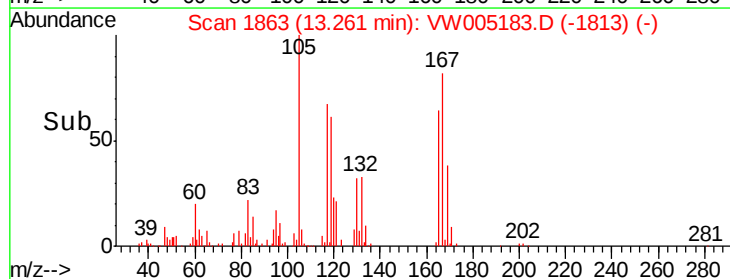
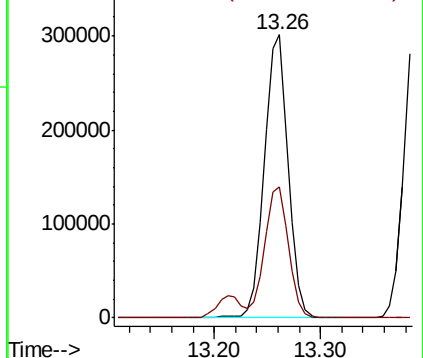
105 100

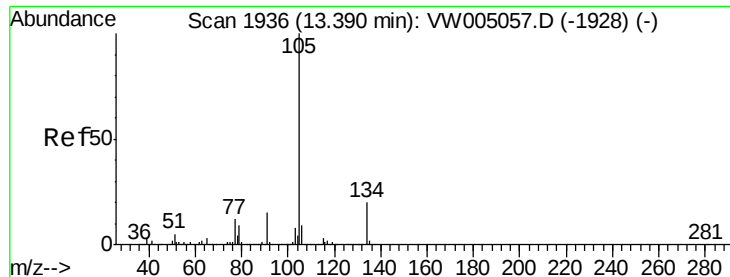
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

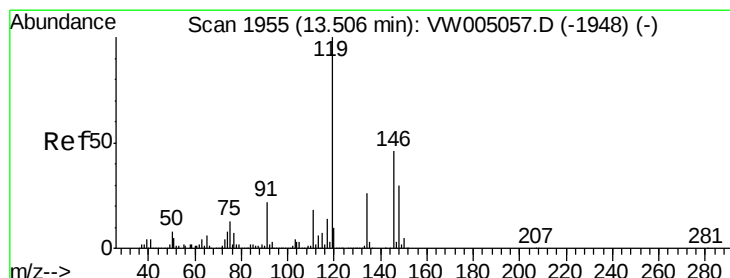
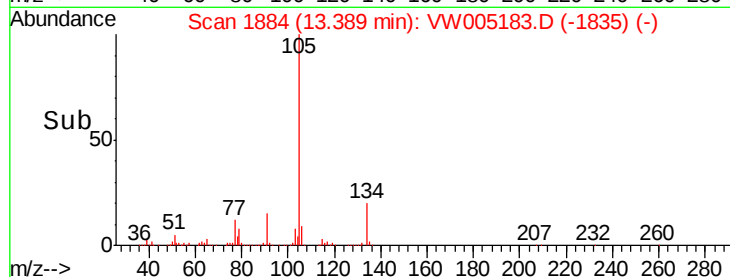
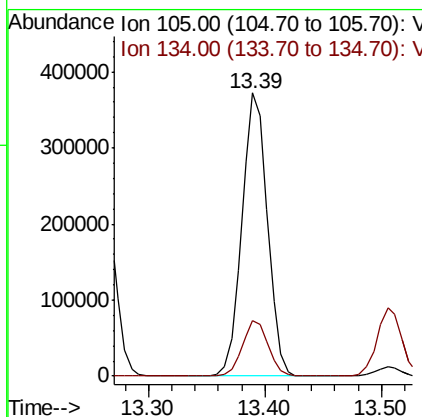
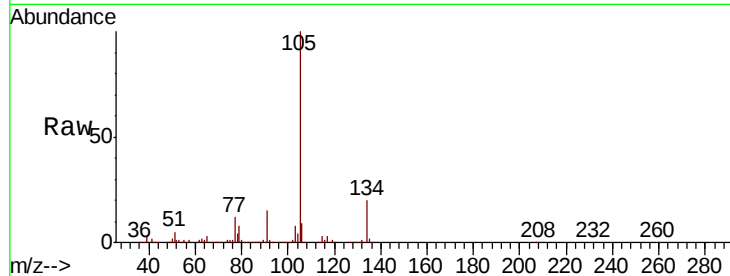




#85
 sec-Butylbenzene
 Concen: 22.103 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

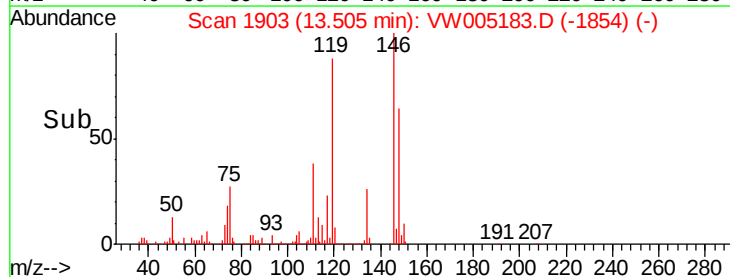
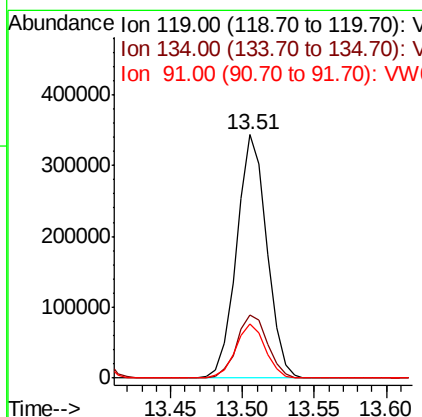
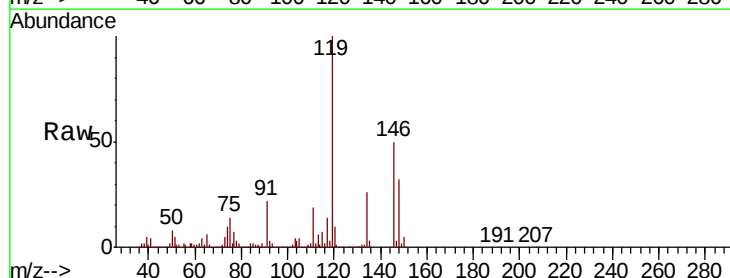
Instrument :
 MSVOA_W
 ClientSampleId :

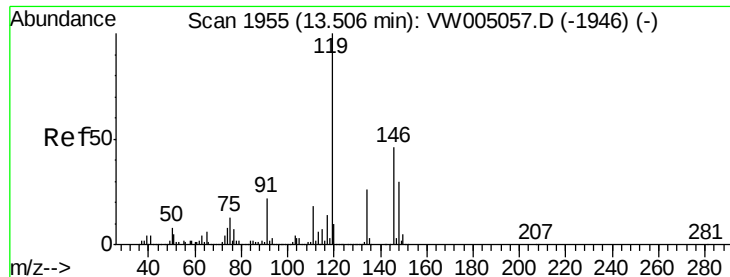
Tgt Ion:105 Resp: 568197
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.902 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion:119 Resp: 498414
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 21.9 10.9 32.9

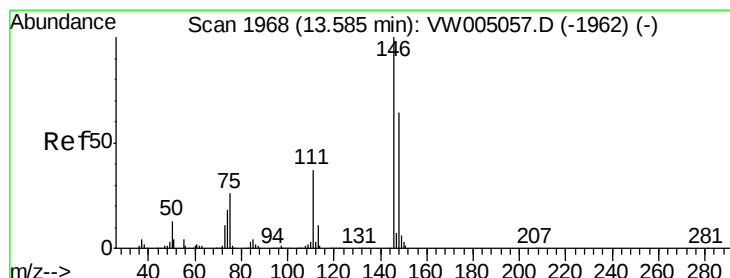
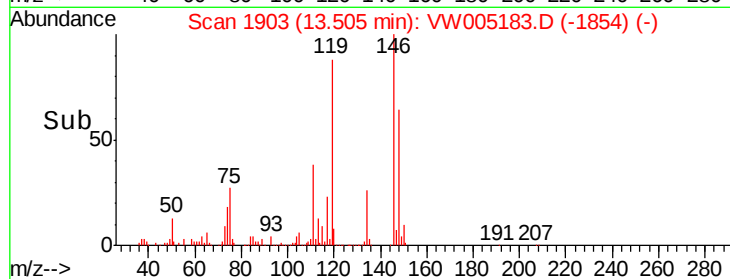
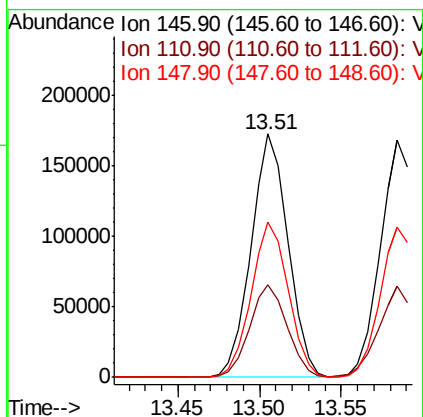
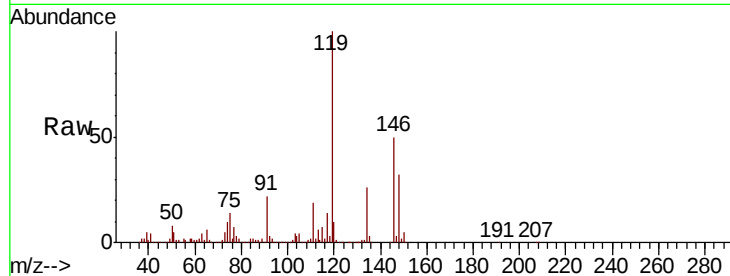




#87
 1,3-Dichlorobenzene
 Concen: 22.129 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

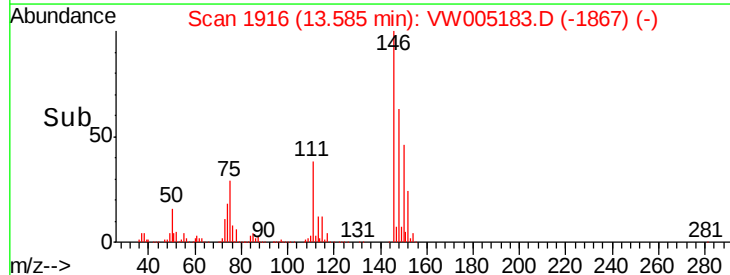
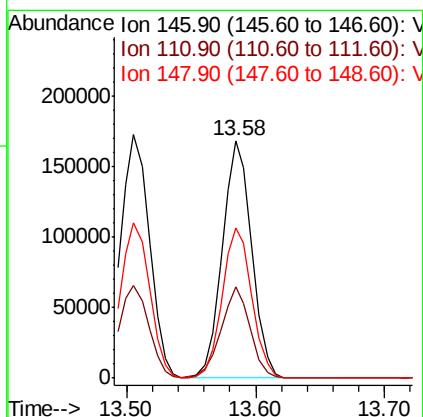
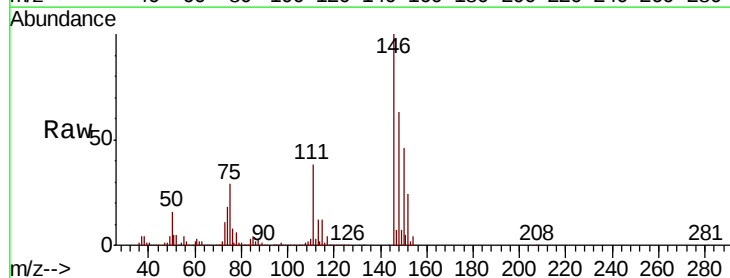
Instrument :
 MSVOA_W
 ClientSampleId :

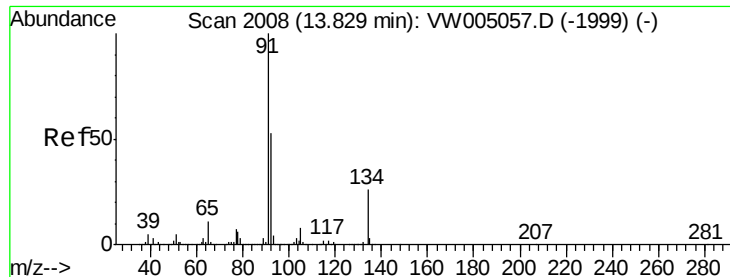
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 22.094 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	56.0
148	63.9	32.0	96.0





#89

n-Butylbenzene

Concen: 21.374 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

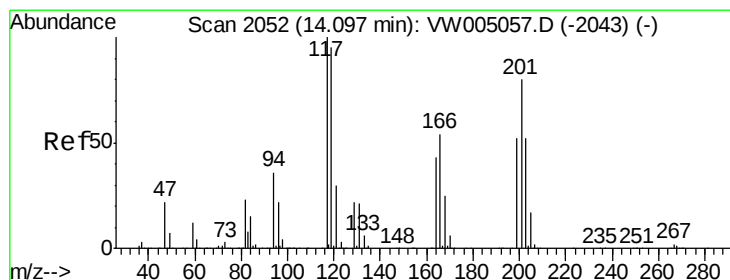
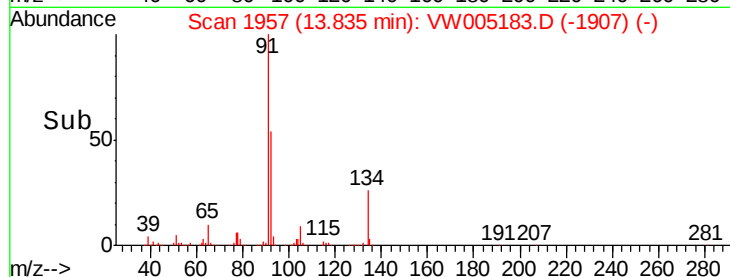
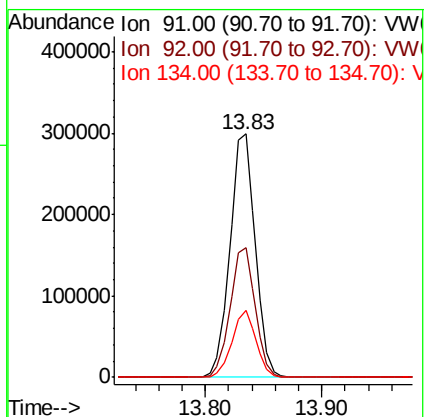
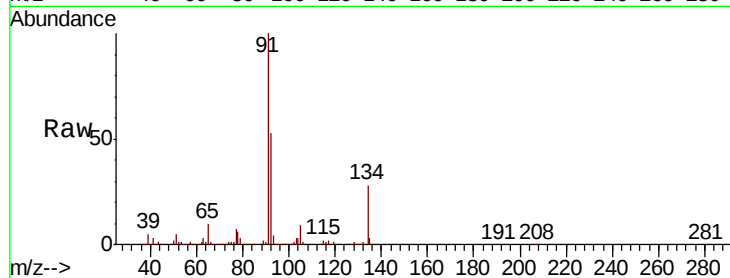
Tgt Ion: 91 Resp: 450762

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 26.2 13.5 40.4



#90

Hexachloroethane

Concen: 21.574 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005183.D

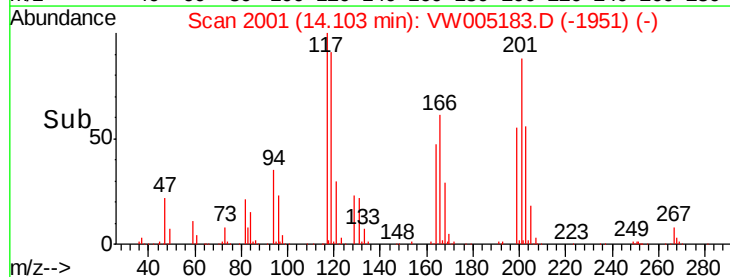
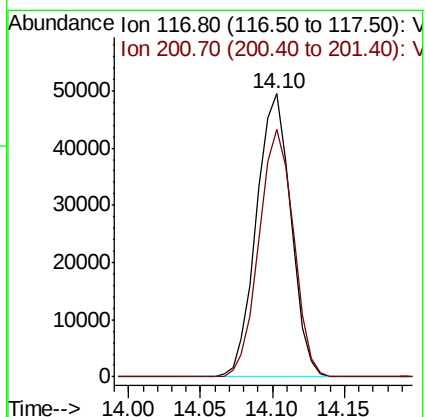
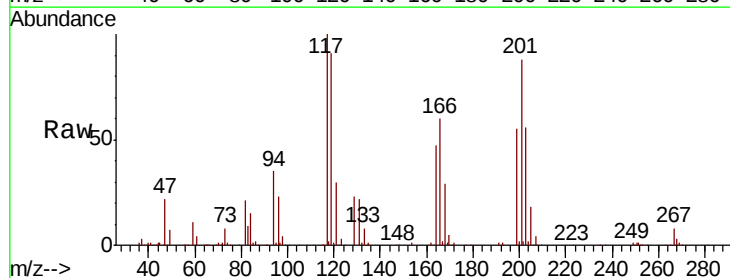
Acq: 07 Sep 2018 01:40

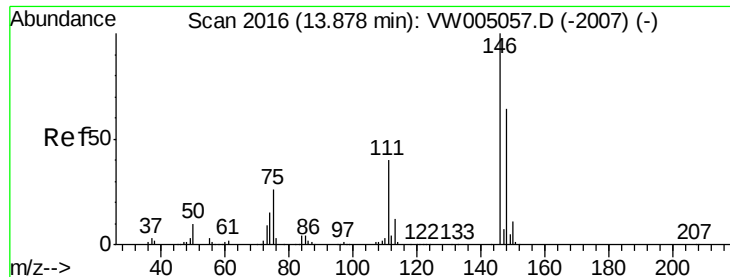
Tgt Ion: 117 Resp: 81547

Ion Ratio Lower Upper

117 100

201 88.2 44.6 133.8





#91

1,2-Dichlorobenzene

Concen: 22.853 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

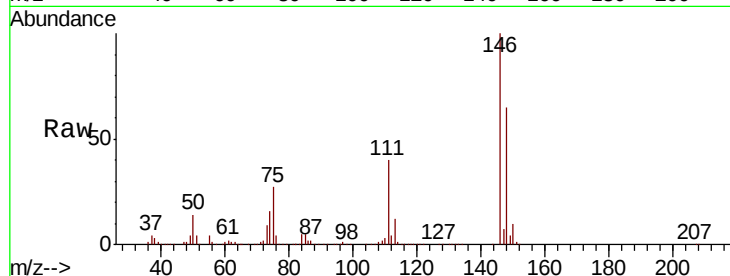
Tgt Ion:146 Resp: 244199

Ion Ratio Lower Upper

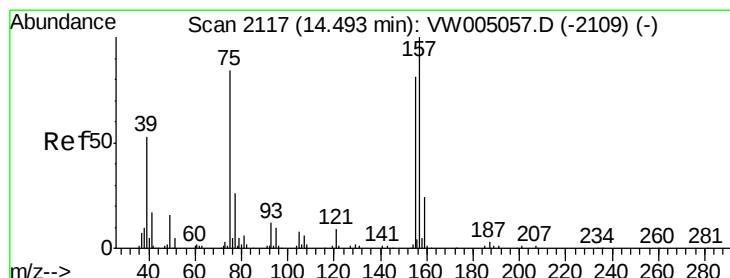
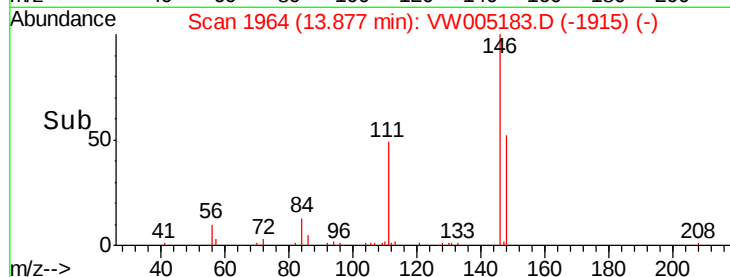
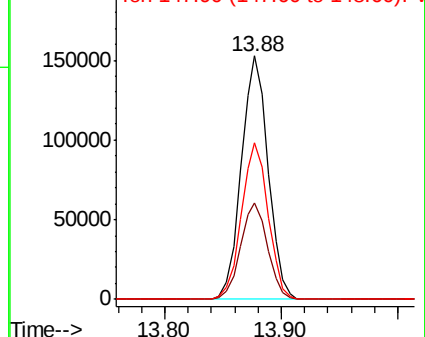
146 100

111 39.9 19.9 59.7

148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.167 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

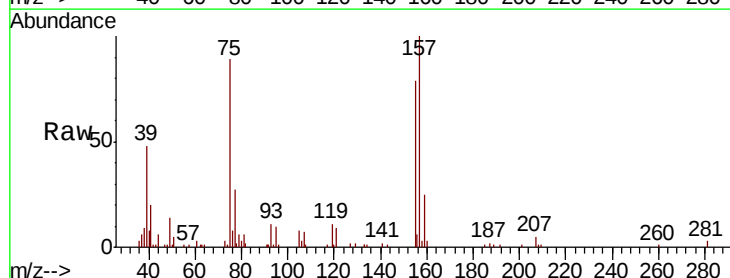
Tgt Ion: 75 Resp: 14502

Ion Ratio Lower Upper

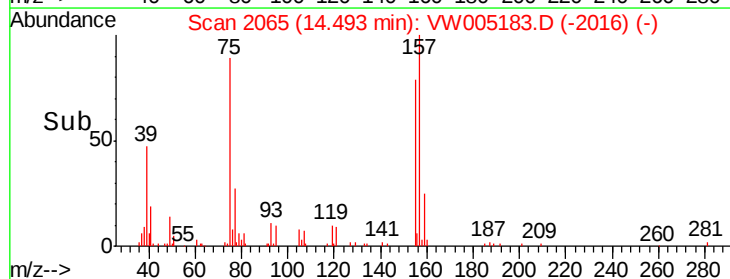
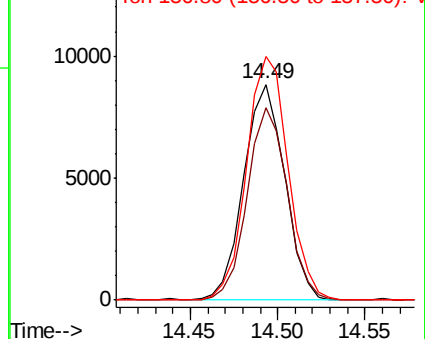
75 100

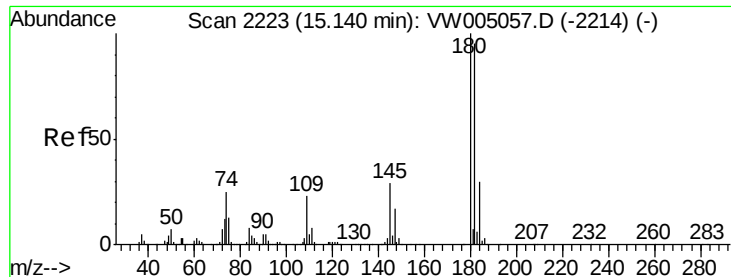
155 86.9 46.0 137.8

157 114.2 58.6 175.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

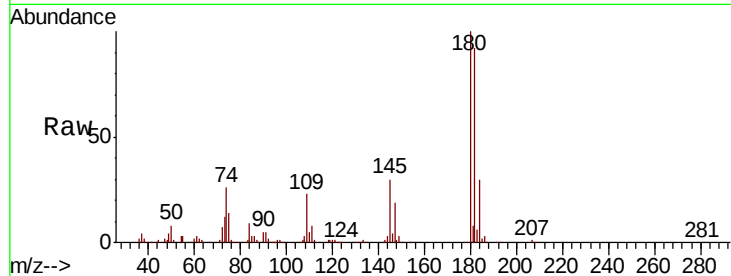




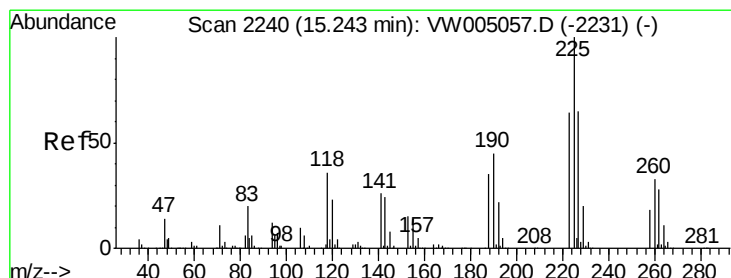
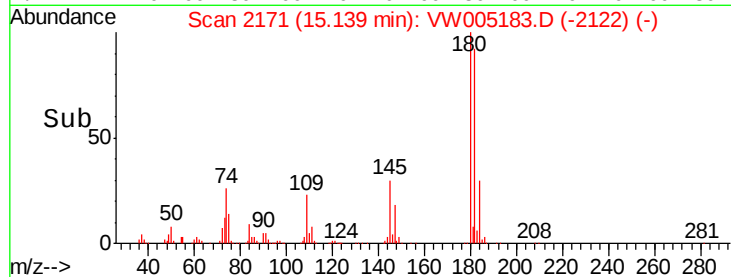
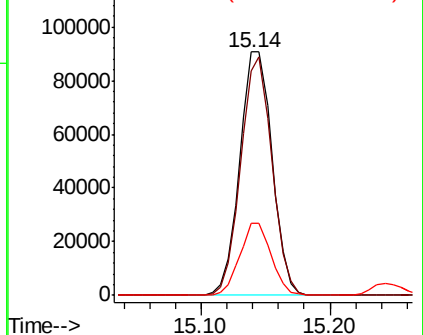
#93
 1,2,4-Trichlorobenzene
 Concen: 21.956 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 157310
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.5 142.6
 145 28.8 14.4 43.2

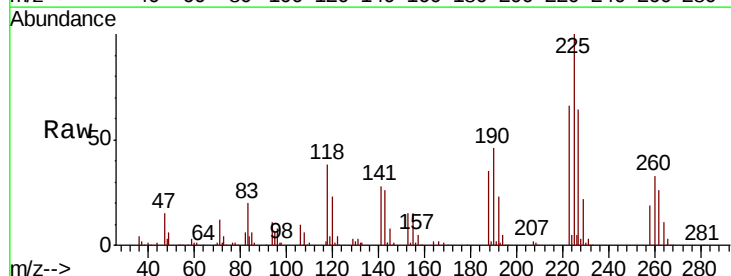


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

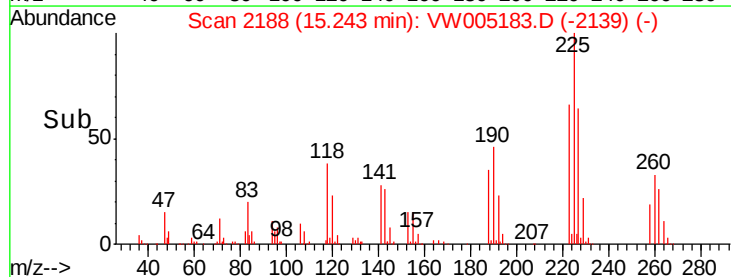
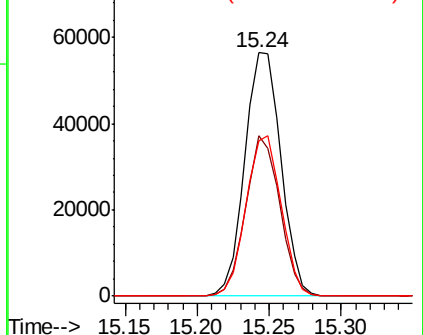


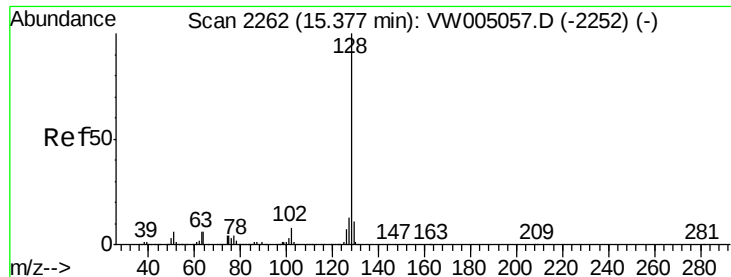
#94
 Hexachlorobutadiene
 Concen: 21.956 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion:225 Resp: 97839
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.4 94.3
 227 64.3 32.0 96.0



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

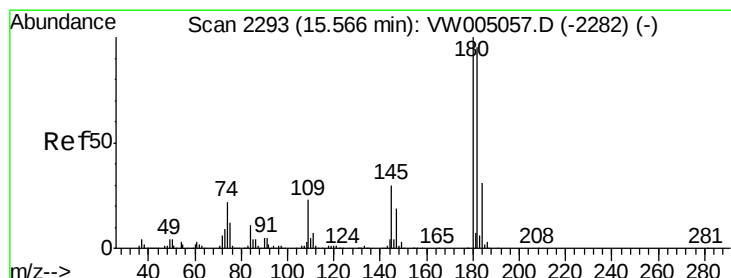
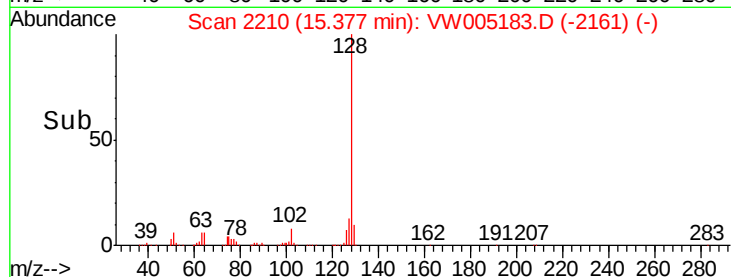
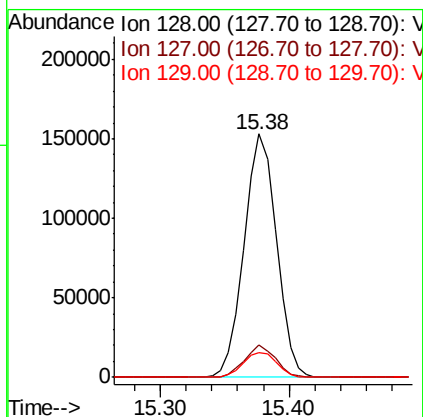
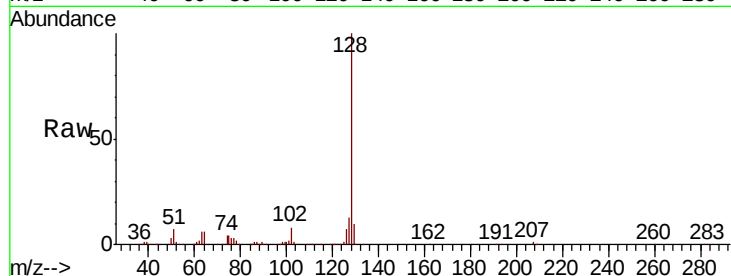




#95
Naphthalene
Concen: 23.715 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion	Resp	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.140 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	30.9	15.4	46.1

