

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006578.D
 Acq On : 02 Nov 2018 01:09
 Operator : SY/AP
 Sample : VW110318SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBSD01

Quant Time: Nov 02 07:58:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	112797	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	116676	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.33	98	440118	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.62	95	150106	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27189	22.469	ug/l	99
3) Chloromethane	2.21	50	32870	21.954	ug/l	99
4) Vinyl Chloride	2.37	62	48949	23.414	ug/l	97
5) Bromomethane	2.78	94	41595	23.708	ug/l	100
6) Chloroethane	2.93	64	32465	22.226	ug/l	95
7) Trichlorofluoromethane	3.26	101	38039	20.605	ug/l	99
8) Diethyl Ether	3.68	74	20846	20.657	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	43214	21.921	ug/l	97
10) Methyl Iodide	4.26	142	74807	20.929	ug/l	99
11) Tert butyl alcohol	5.17	59	14760	136.528	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	40964	21.515	ug/l	99
13) Acrolein	3.89	56	15326	112.714	ug/l	96
14) Allyl chloride	4.67	41	51773	20.831	ug/l	100
15) Acrylonitrile	5.37	53	41809	115.546	ug/l	100
16) Acetone	4.12	43	39526	122.012	ug/l	97
17) Carbon Disulfide	4.37	76	117812	21.744	ug/l	100
18) Methyl Acetate	4.67	43	20952	22.492	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61121	21.566	ug/l	99
20) Methylene Chloride	4.92	84	47080	18.684	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	45695	21.209	ug/l	90
22) Diisopropyl ether	6.32	45	116209	22.428	ug/l	98
23) Vinyl Acetate	6.26	43	315457	109.789	ug/l	97
24) 1,1-Dichloroethane	6.22	63	75702	21.558	ug/l	98
25) 2-Butanone	7.18	43	55295	119.618	ug/l	98
26) 2,2-Dichloropropane	7.16	77	43726	20.671	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51978	21.564	ug/l	99
28) Bromochloromethane	7.52	49	30077	21.570	ug/l	97
29) Tetrahydrofuran	7.53	42	34298	117.962	ug/l	99
30) Chloroform	7.68	83	83401	21.663	ug/l	99
31) Cyclohexane	7.95	56	66476	20.799	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	70129	21.526	ug/l	98
36) 1,1-Dichloropropene	8.09	75	61989	20.447	ug/l	100
37) Ethyl Acetate	7.26	43	24634	23.447	ug/l	97
38) Carbon Tetrachloride	8.07	117	65872	20.793	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76597	19.909	ug/l	99
40) Benzene	8.32	78	184476	21.423	ug/l	99
41) Methacrylonitrile	7.49	41	14528	22.551	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52702	21.340	ug/l	100
43) Isopropyl Acetate	8.43	43	46414	22.139	ug/l	97
44) Trichloroethene	9.09	130	54121	20.367	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42878	21.396	ug/l	99
46) Dibromomethane	9.46	93	24289	20.618	ug/l	97
47) Bromodichloromethane	9.65	83	57266	20.936	ug/l	99
48) Methyl methacrylate	9.44	41	21914	21.695	ug/l	100
49) 1,4-Dioxane	9.45	88	7850	455.329	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	118488	110.044	ug/l	98
52) Toluene	10.39	92	118716	20.554	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54124	20.560	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	64441	20.715	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35305	21.122	ug/l	98
56) Ethyl methacrylate	10.65	69	39380	20.729	ug/l	96
57) 1,3-Dichloropropane	10.93	76	57705	21.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93275	101.002	ug/l	100
59) 2-Hexanone	10.98	43	82440	112.729	ug/l	98
60) Dibromochloromethane	11.13	129	40180	20.289	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34429	20.742	ug/l	100
64) Tetrachloroethene	10.87	164	51864	20.428	ug/l	98
65) Chlorobenzene	11.66	112	137298	20.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48714	20.680	ug/l	98
67) Ethyl Benzene	11.74	91	226760	20.243	ug/l	96
68) m/p-Xylenes	11.84	106	180497	40.330	ug/l	99
69) o-Xylene	12.17	106	84931	19.933	ug/l	97
70) Styrene	12.18	104	141779	20.410	ug/l	99
71) Bromoform	12.35	173	25115	20.113	ug/l #	99
73) Isopropylbenzene	12.47	105	234257	19.804	ug/l	100
74) N-amyl acetate	12.27	43	42963	21.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39829	21.318	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	50041	35.717	ug/l #	100
77) Bromobenzene	12.75	156	63372	20.692	ug/l	99
78) n-propylbenzene	12.81	91	279322	20.529	ug/l	99
79) 2-Chlorotoluene	12.90	91	155360	19.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	199017	20.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9620	19.497	ug/l	97
82) 4-Chlorotoluene	12.99	91	170533	20.643	ug/l	97
83) tert-Butylbenzene	13.21	119	176513	19.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	208911	20.495	ug/l	99
85) sec-Butylbenzene	13.39	105	248472	20.018	ug/l	100
86) p-Isopropyltoluene	13.51	119	220400	19.515	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123575	20.488	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124804	20.875	ug/l	98
89) n-Butylbenzene	13.83	91	198558	19.805	ug/l	100
90) Hexachloroethane	14.10	117	38108	20.530	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	111894	20.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6376	21.032	ug/l	97

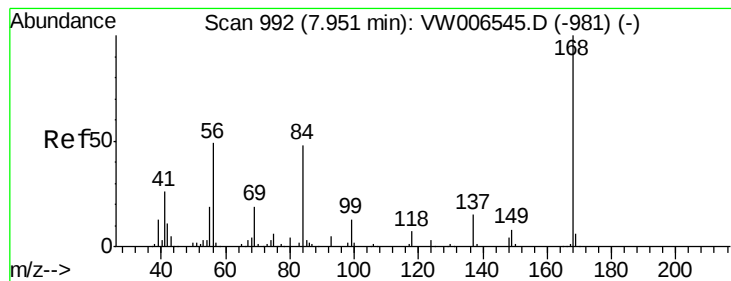
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
Data File : VW006578.D
Acq On : 02 Nov 2018 01:09
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81026	20.085	ug/l	99
94) Hexachlorobutadiene	15.24	225	50443	20.062	ug/l	98
95) Naphthalene	15.38	128	132151	20.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72384	20.415	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

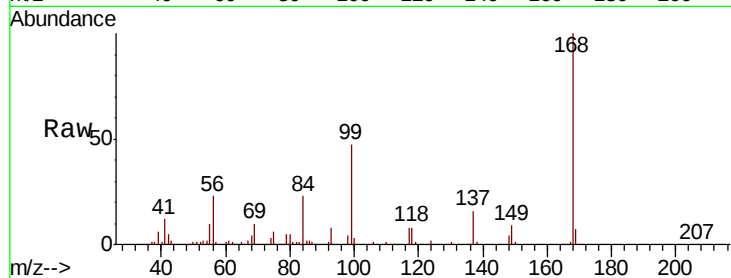
VW110318SBSD01

Tgt Ion:168 Resp: 233426

Ion Ratio Lower Upper

168 100

99 47.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

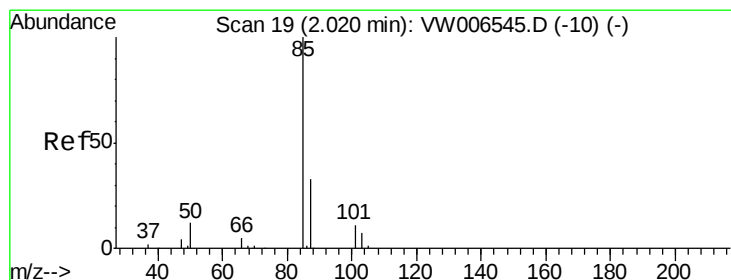
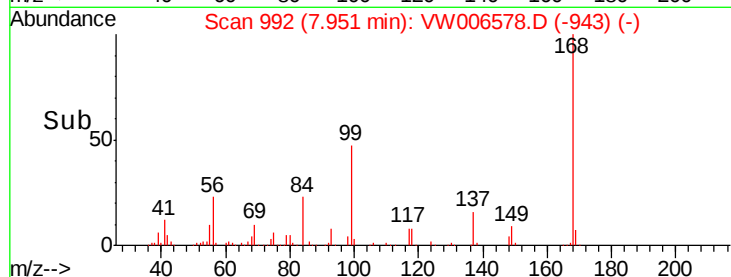
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.469 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006578.D

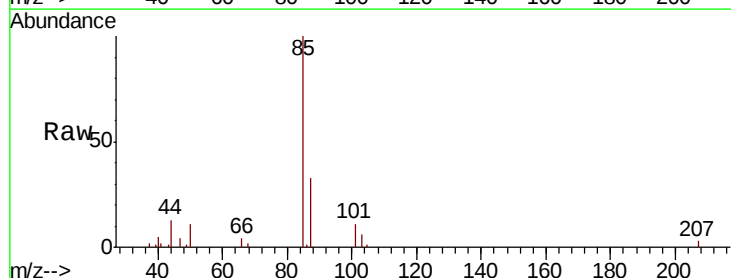
Acq: 02 Nov 2018 01:09

Tgt Ion: 85 Resp: 27189

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

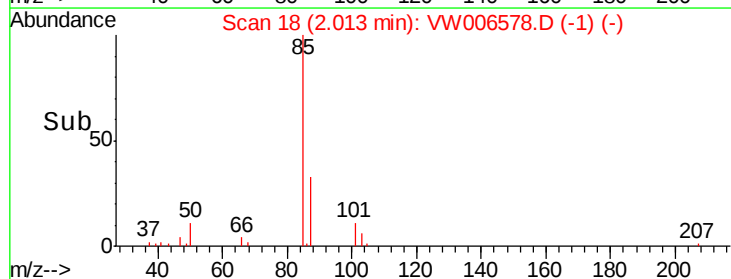
4000

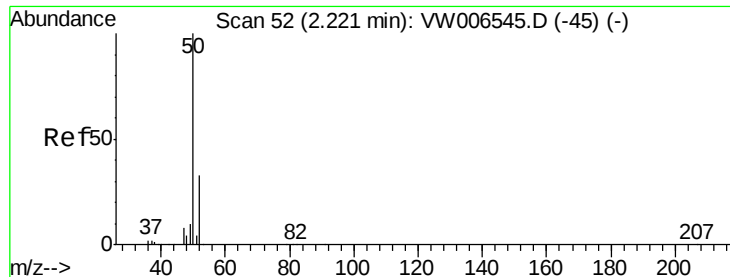
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.954 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

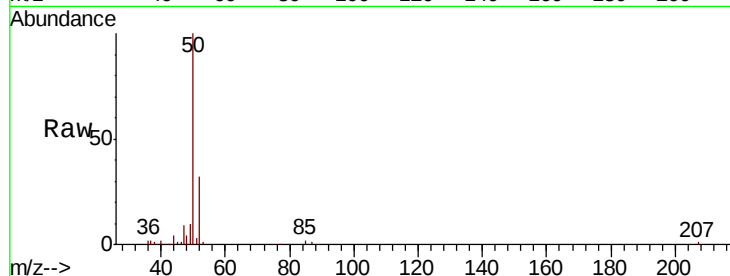
VW110318SBSD01

Tgt Ion: 50 Resp: 32870

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

20000

15000

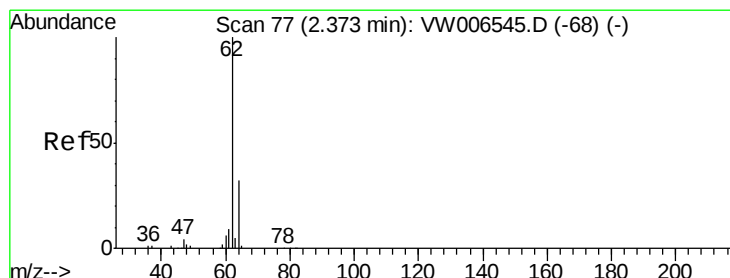
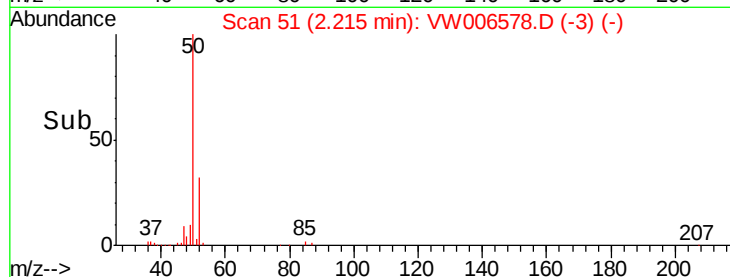
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 23.414 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006578.D

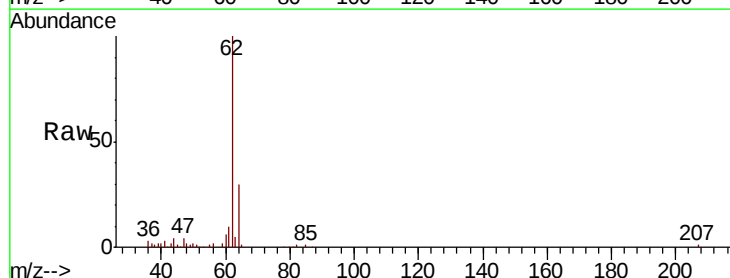
Acq: 02 Nov 2018 01:09

Tgt Ion: 62 Resp: 48949

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

25000

20000

15000

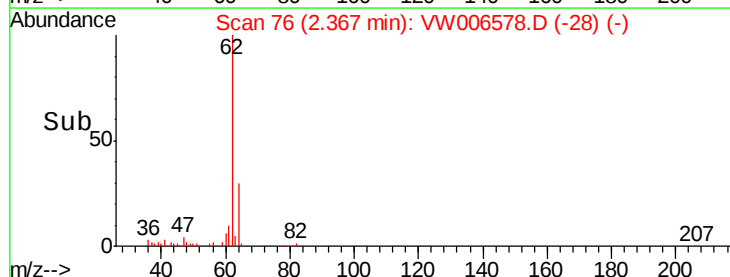
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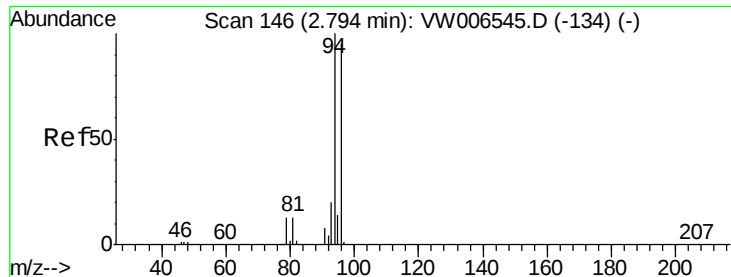
5000

0

Time-->

2.30 2.40 2.50





#5

Bromomethane

Concen: 23.708 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

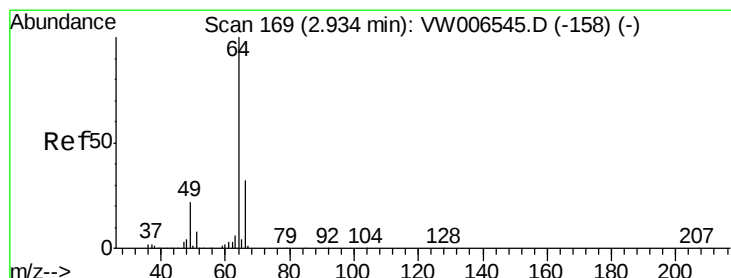
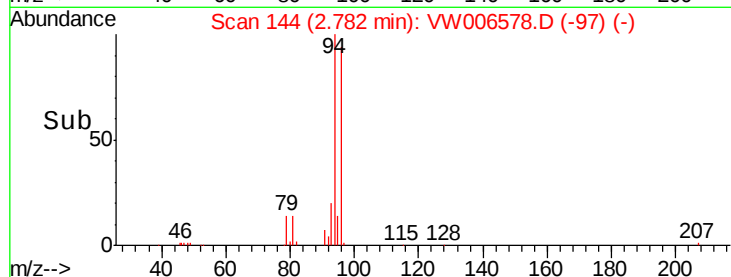
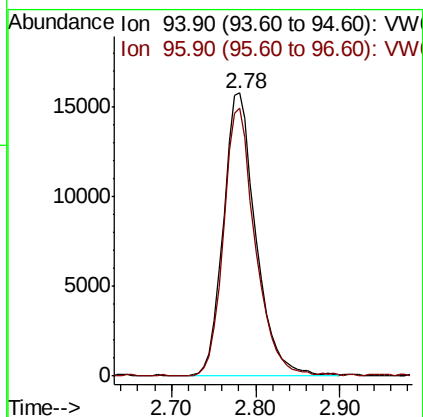
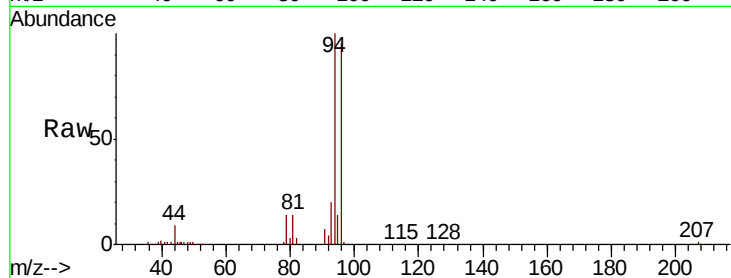
VW110318SBSD01

Tgt Ion: 94 Resp: 41595

Ion Ratio Lower Upper

94 100

96 94.6 75.7 113.5



#6

Chloroethane

Concen: 22.226 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006578.D

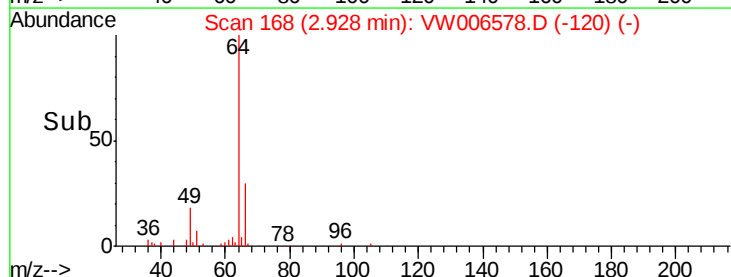
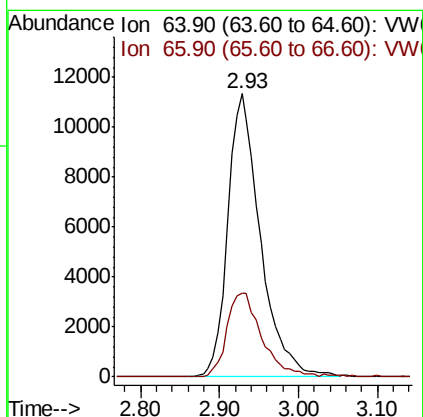
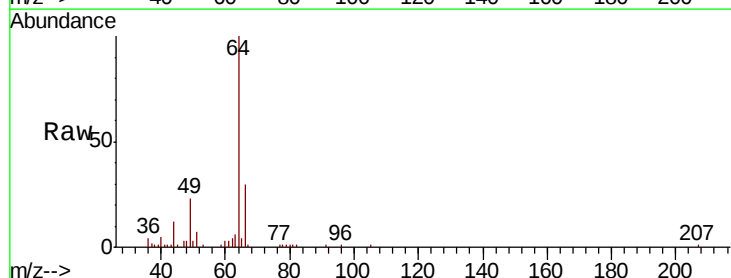
Acq: 02 Nov 2018 01:09

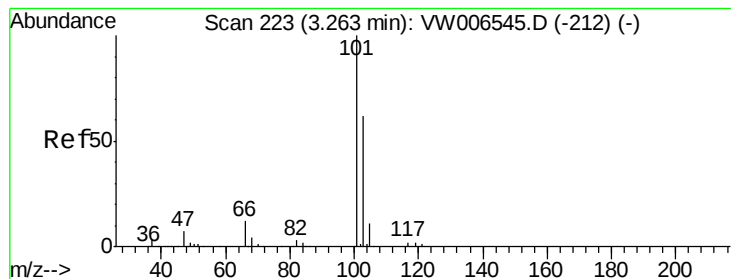
Tgt Ion: 64 Resp: 32465

Ion Ratio Lower Upper

64 100

66 29.6 25.9 38.9



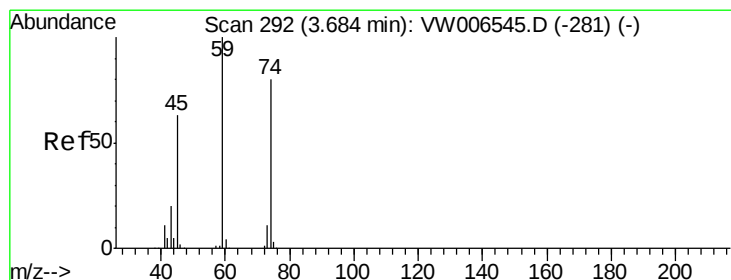
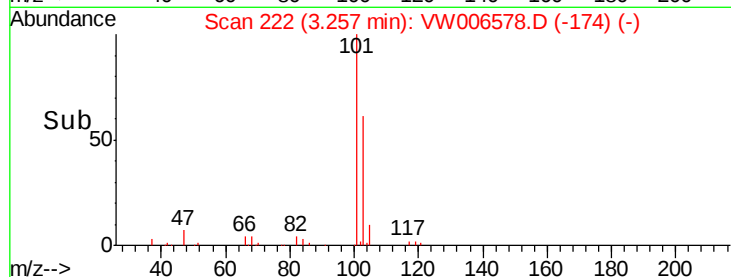
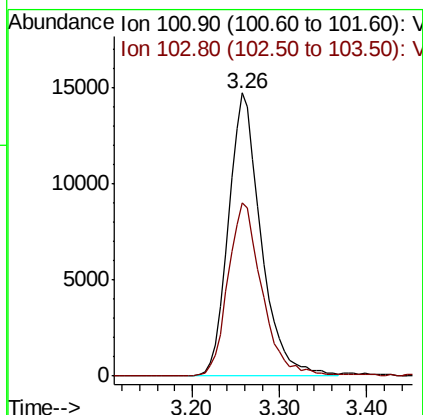
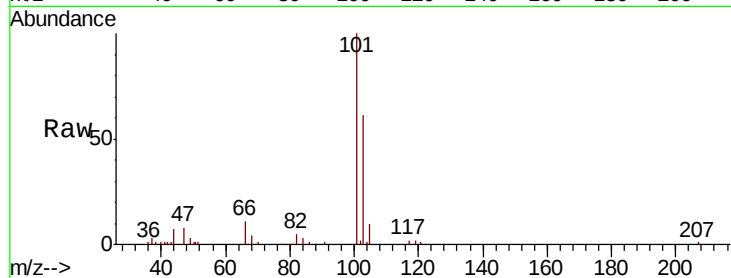


#7

Trichlorofluoromethane
 Concen: 20.605 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

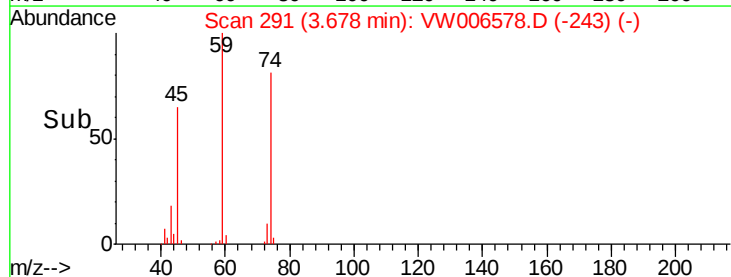
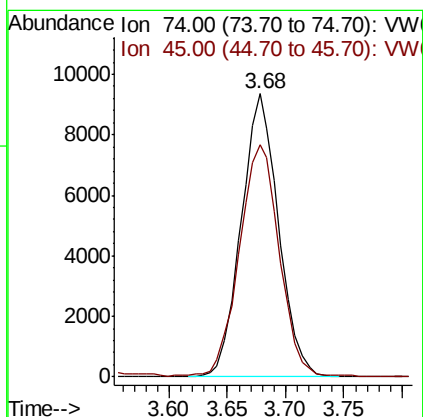
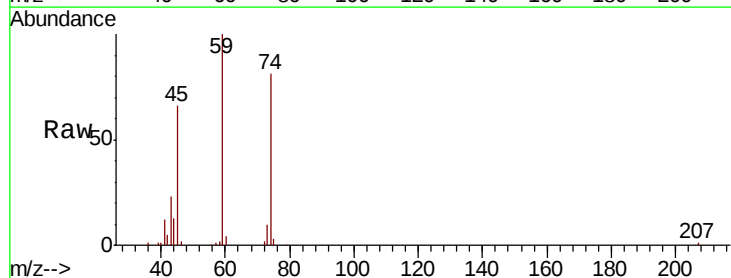
Tgt Ion:101 Resp: 38039
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.8 74.8

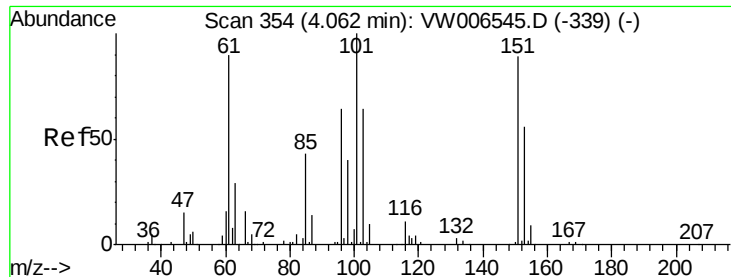


#8

Diethyl Ether
 Concen: 20.657 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 74 Resp: 20846
 Ion Ratio Lower Upper
 74 100
 45 88.6 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.921 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

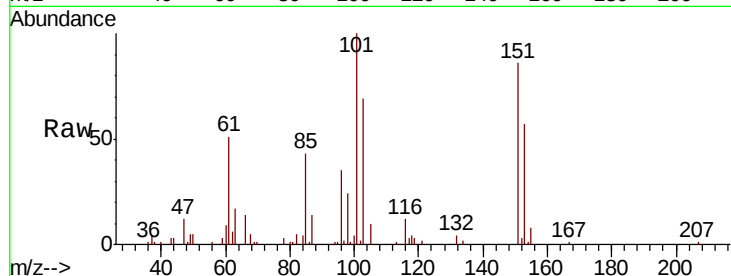
Tgt Ion:101 Resp: 43214

Ion Ratio Lower Upper

101 100

85 40.1 34.2 51.2

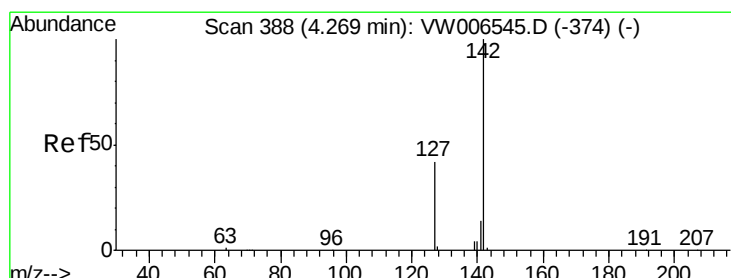
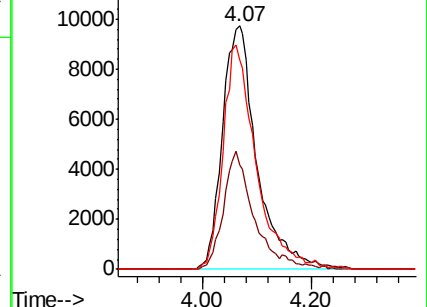
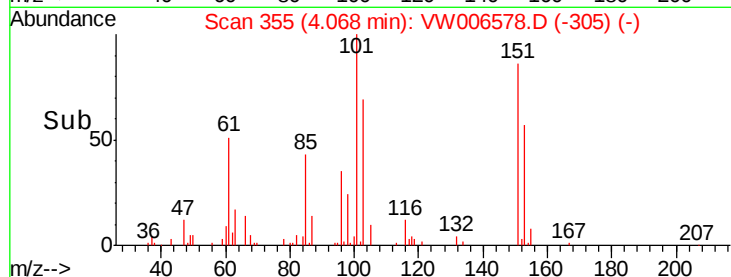
151 86.7 70.7 106.1



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: 20.929 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

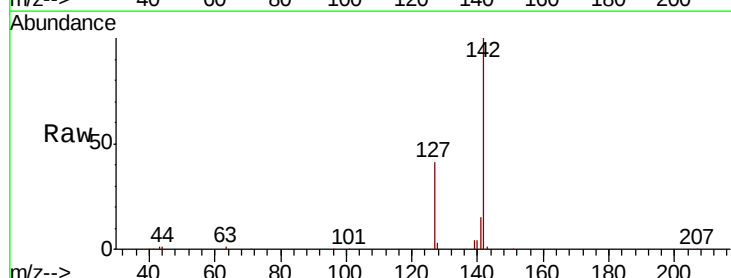
Tgt Ion:142 Resp: 74807

Ion Ratio Lower Upper

142 100

127 41.4 32.3 48.5

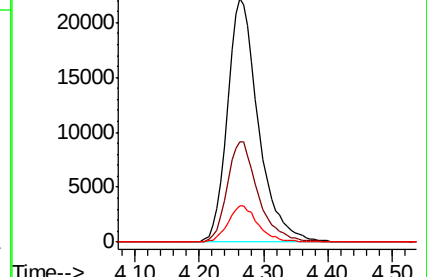
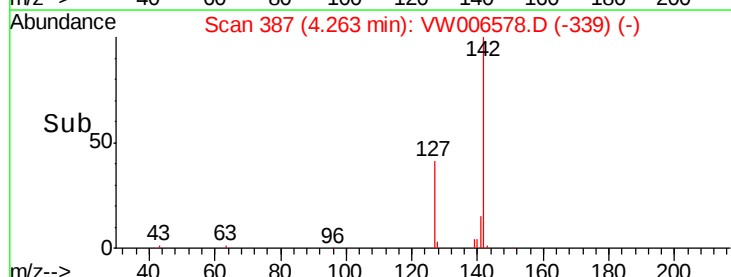
141 14.4 11.3 16.9

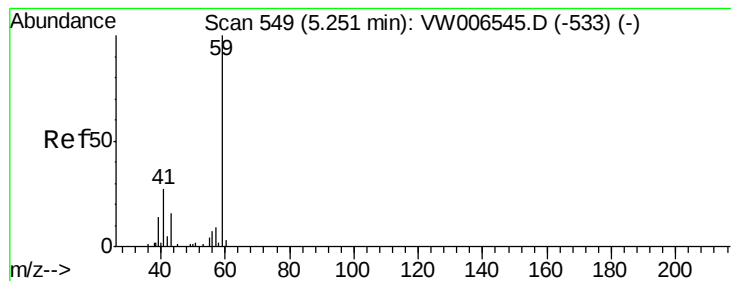


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



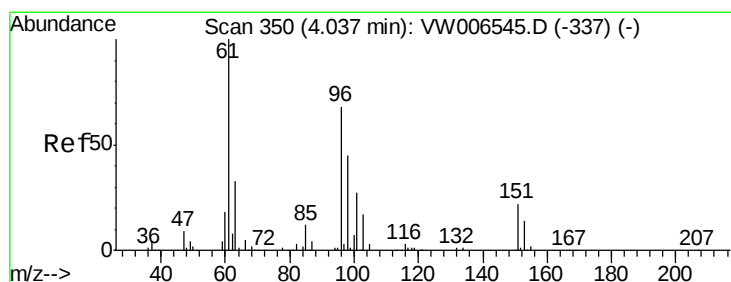
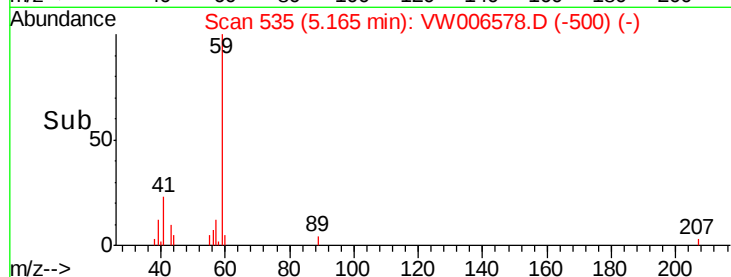
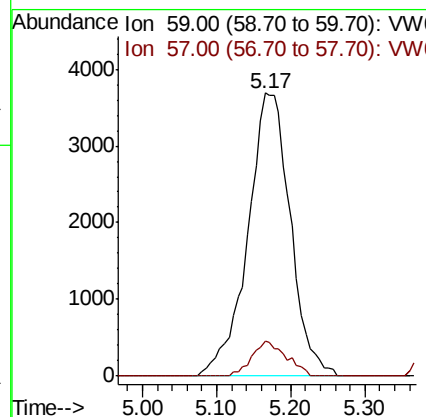
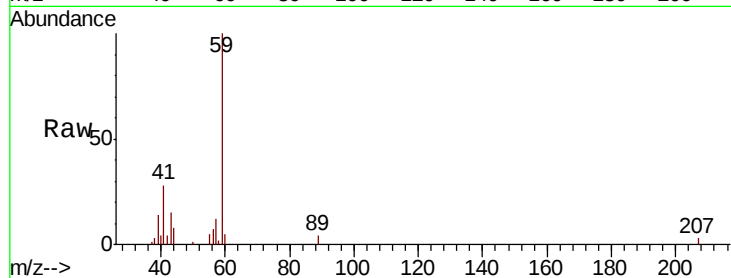


#11

Tert butyl alcohol
 Concen: 136.528 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.09 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBSD01

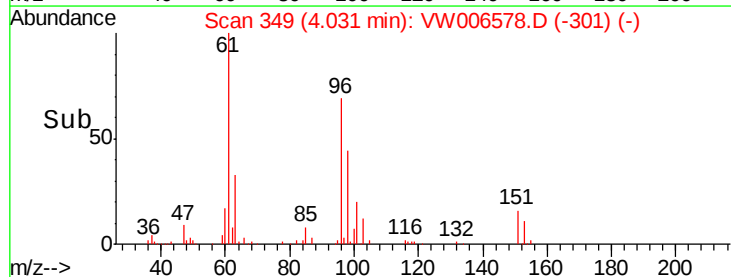
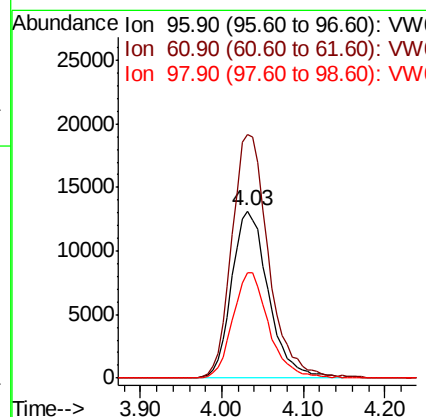
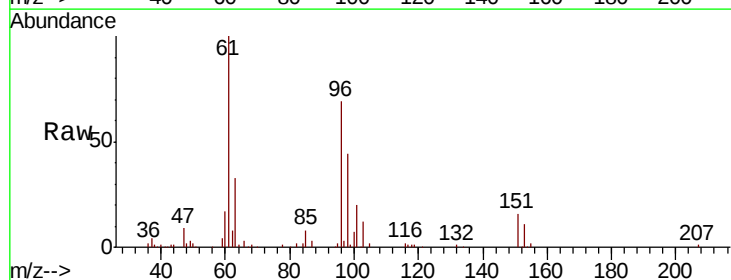
Tgt Ion: 59 Resp: 14760
 Ion Ratio Lower Upper
 59 100
 57 10.0 4.3 6.5#

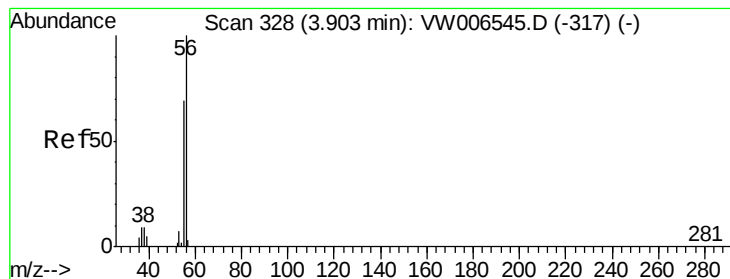


#12

1,1-Dichloroethene
 Concen: 21.515 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 96 Resp: 40964
 Ion Ratio Lower Upper
 96 100
 61 145.6 117.0 175.4
 98 63.4 52.5 78.7





#13

Acrolein

Concen: 112.714 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

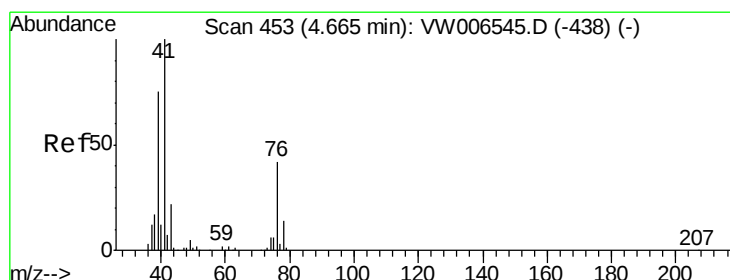
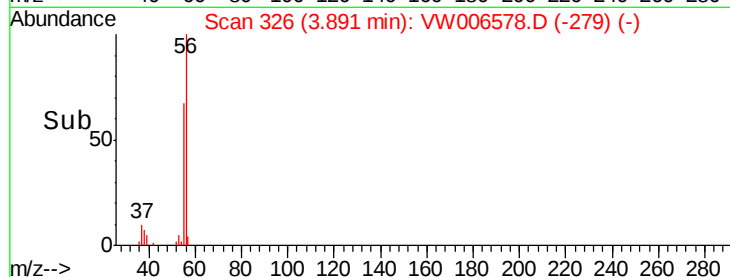
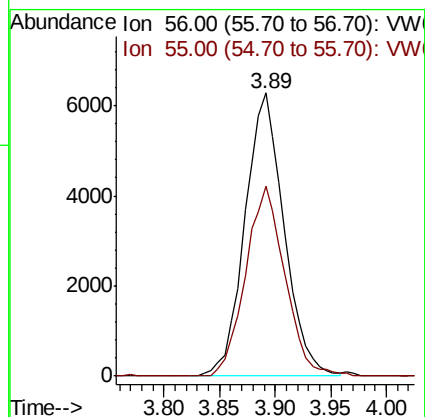
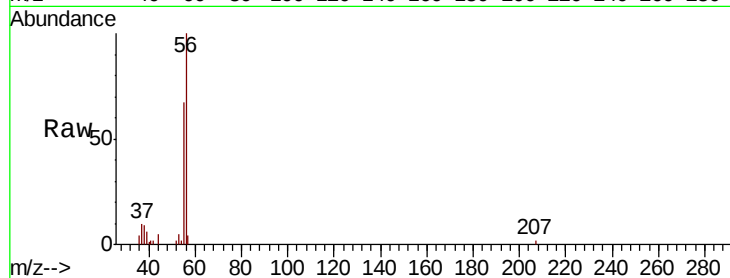
VW110318SBS01

Tgt Ion: 56 Resp: 15326

Ion Ratio Lower Upper

56 100

55 67.6 56.9 85.3



#14

Allyl chloride

Concen: 20.831 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

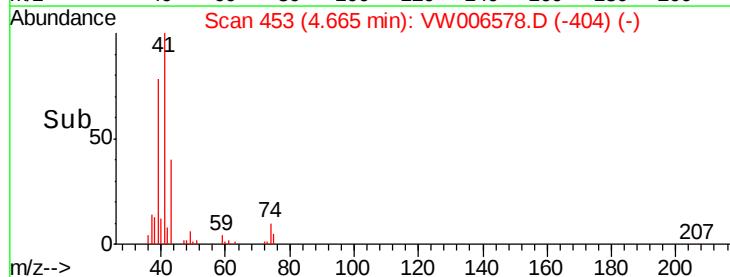
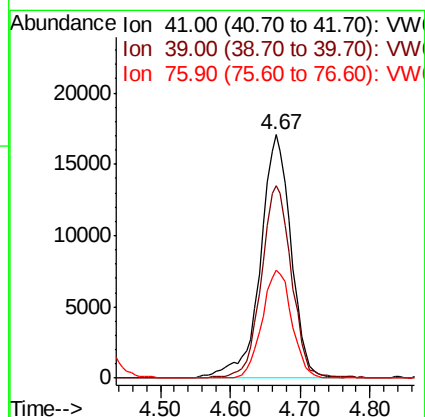
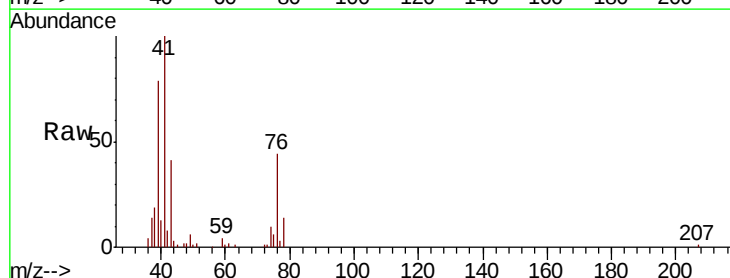
Tgt Ion: 41 Resp: 51773

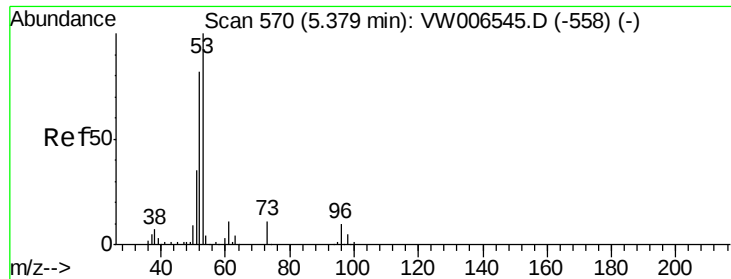
Ion Ratio Lower Upper

41 100

39 78.2 62.1 93.1

76 42.7 34.2 51.2





#15

Acrylonitrile

Concen: 115.546 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

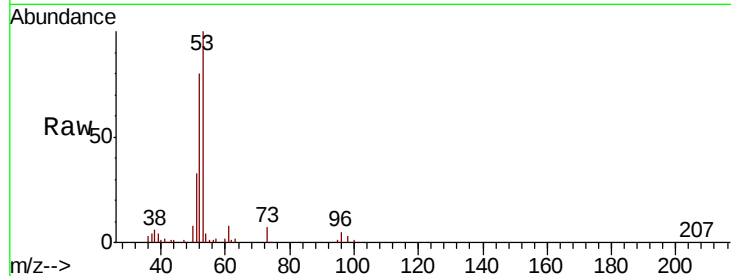
Tgt Ion: 53 Resp: 41809

Ion Ratio Lower Upper

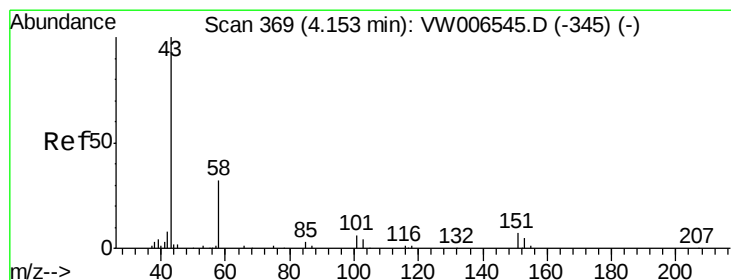
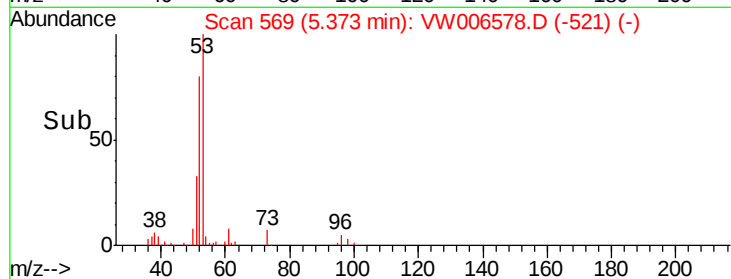
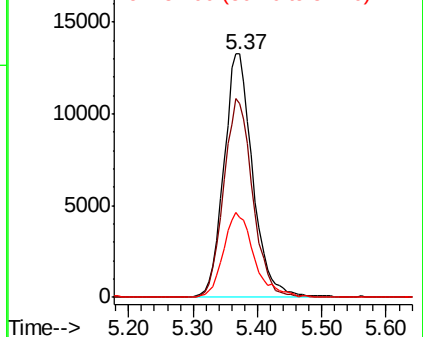
53 100

52 81.8 65.8 98.8

51 37.0 29.6 44.4



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: 122.012 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006578.D

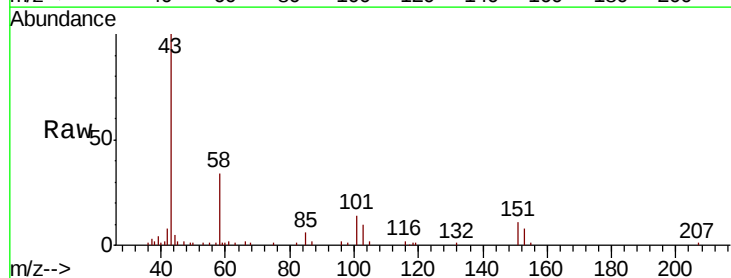
Acq: 02 Nov 2018 01:09

Tgt Ion: 43 Resp: 39526

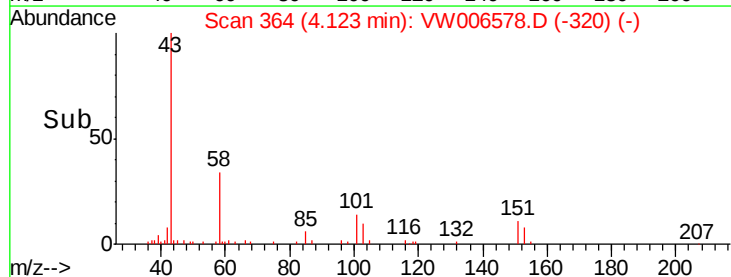
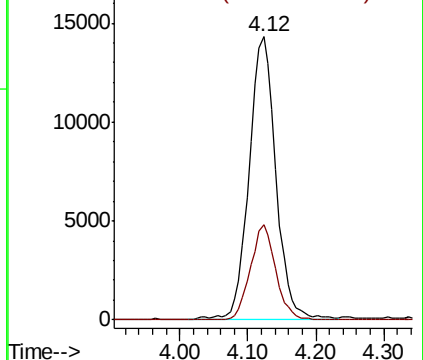
Ion Ratio Lower Upper

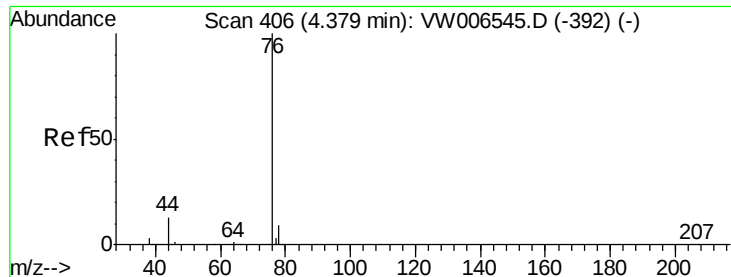
43 100

58 33.8 25.8 38.8



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





#17

Carbon Disulfide

Concen: 21.744 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

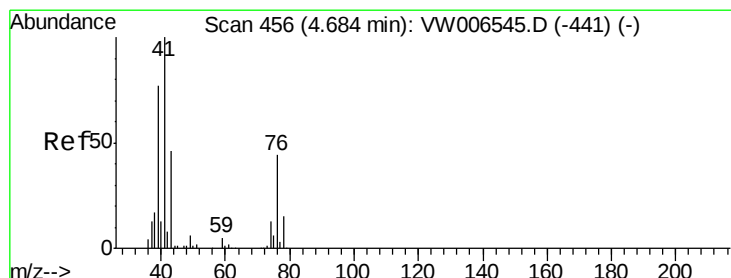
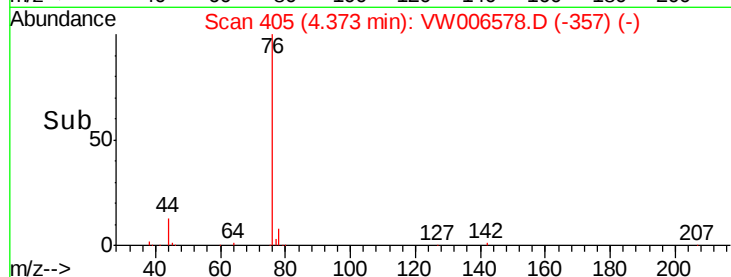
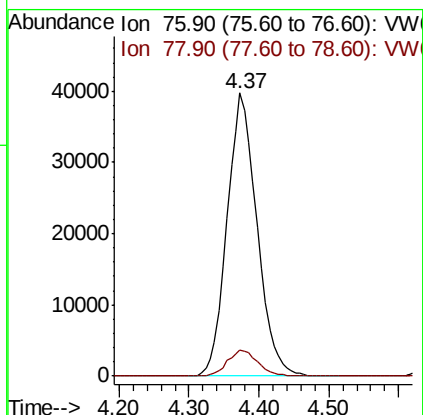
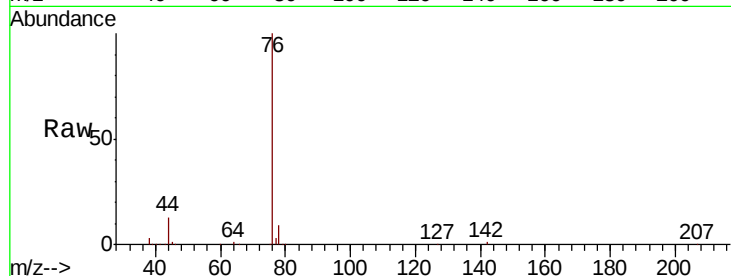
VW110318SBSD01

Tgt Ion: 76 Resp: 117812

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 22.492 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW006578.D

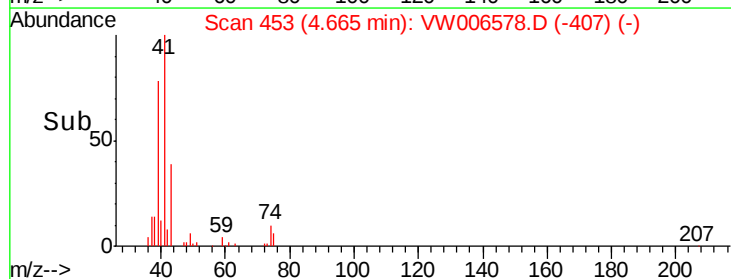
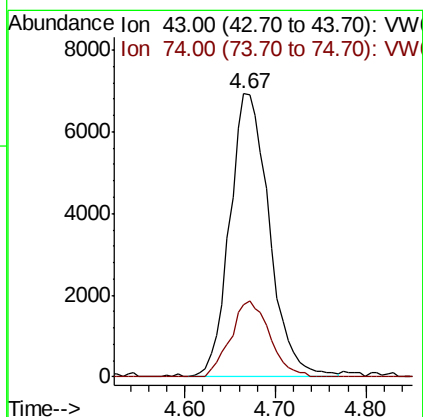
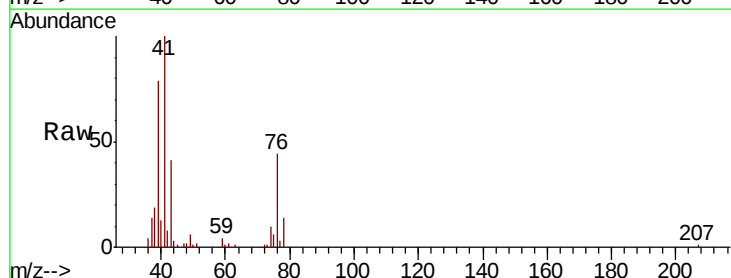
Acq: 02 Nov 2018 01:09

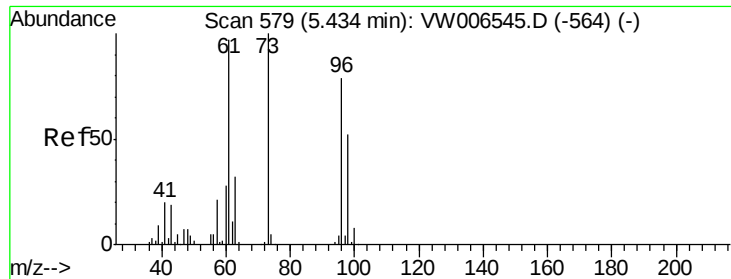
Tgt Ion: 43 Resp: 20952

Ion Ratio Lower Upper

43 100

74 26.5 21.9 32.9

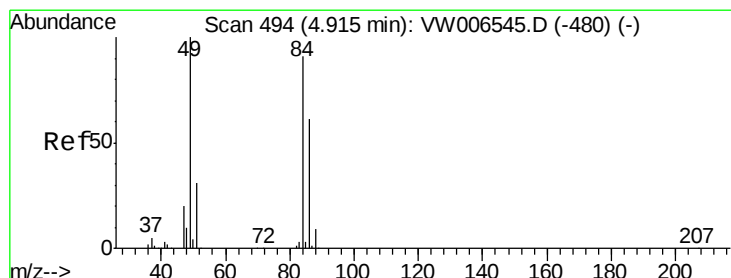
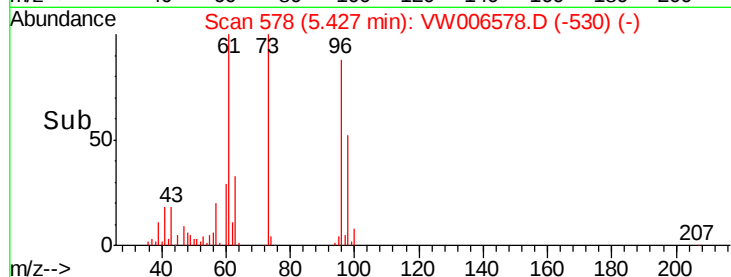
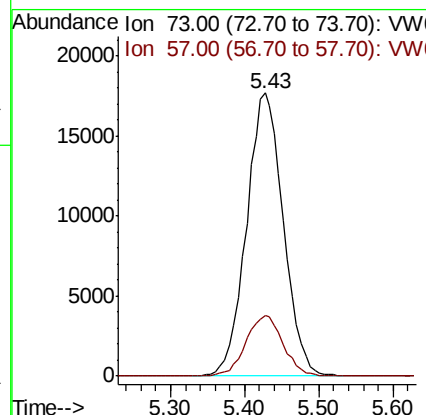
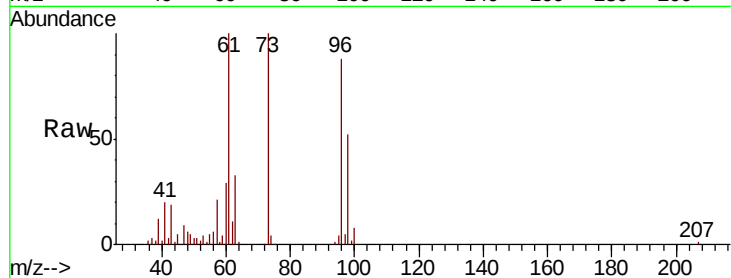




#19
Methyl tert-butyl Ether
Concen: 21.566 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

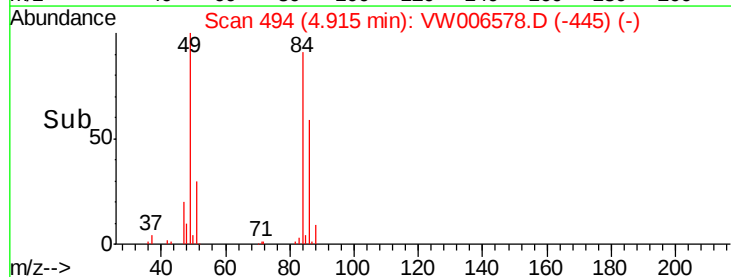
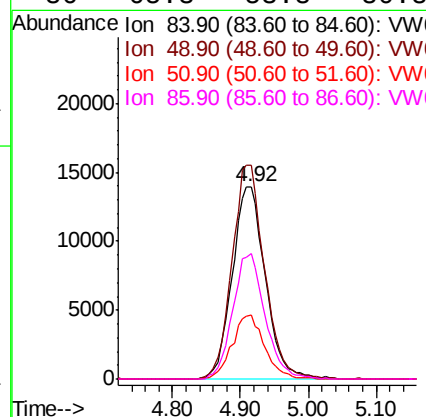
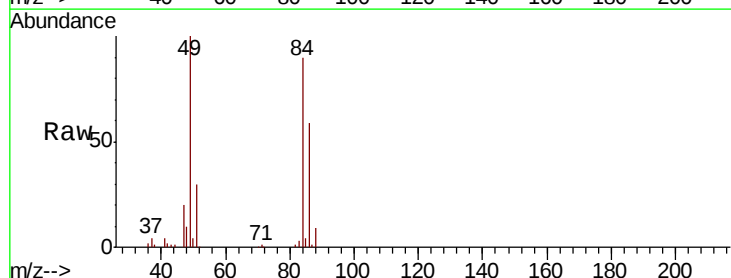
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

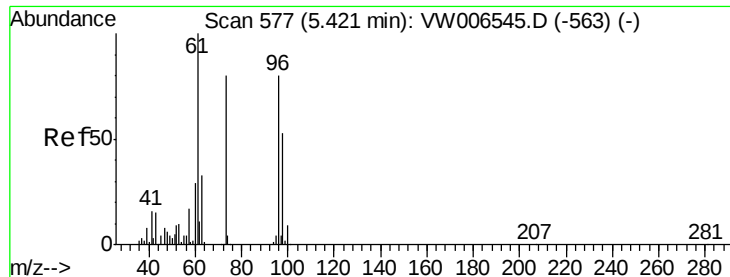
Tgt Ion: 73 Resp: 61121
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1



#20
Methylene Chloride
Concen: 18.684 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 84 Resp: 47080
Ion Ratio Lower Upper
84 100
49 110.9 88.2 132.4
51 33.0 27.0 40.6
86 65.3 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.209 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBSD01

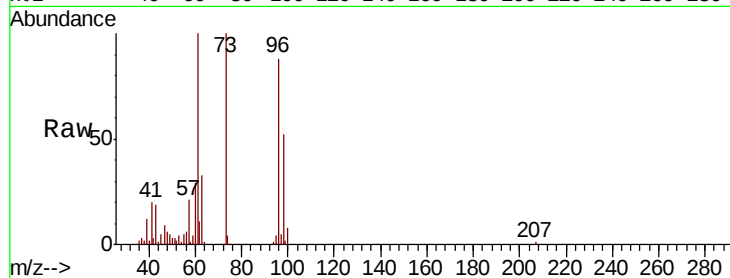
Tgt Ion: 96 Resp: 45695

Ion Ratio Lower Upper

96 100

61 114.1 100.6 150.8

98 59.3 52.9 79.3

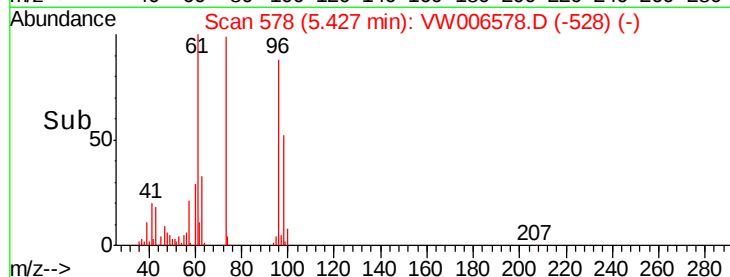
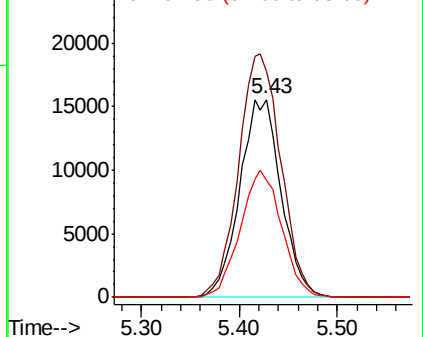


Abundance

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: 22.428 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion: 45 Resp: 116209

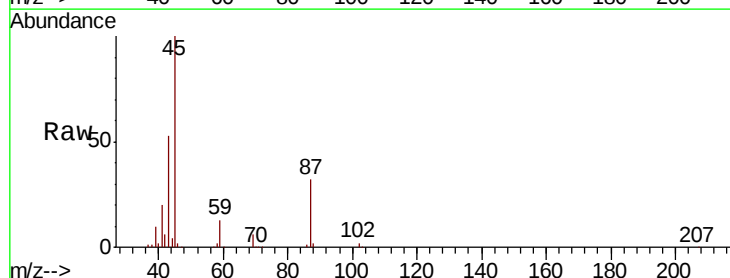
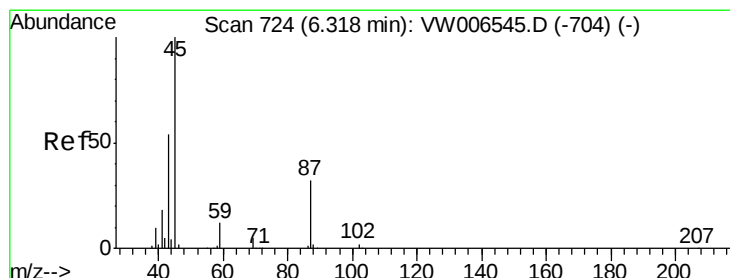
Ion Ratio Lower Upper

45 100

43 52.9 43.6 65.4

87 31.8 26.3 39.5

59 12.6 9.8 14.8



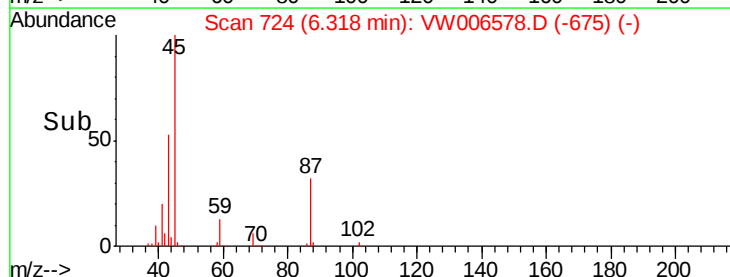
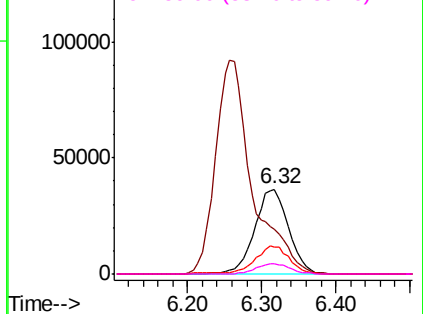
Abundance

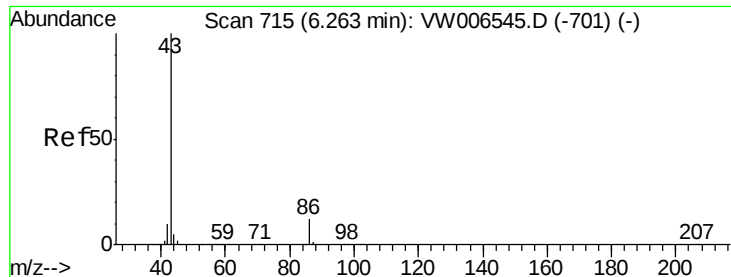
Ion 45.00 (44.70 to 45.70): VW

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: 109.789 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

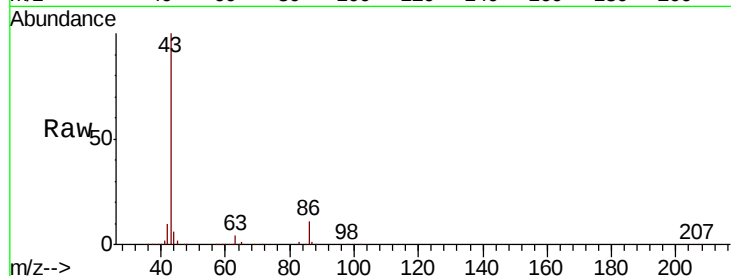
VW110318SBS01

Tgt Ion: 43 Resp: 315457

Ion Ratio Lower Upper

43 100

86 11.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

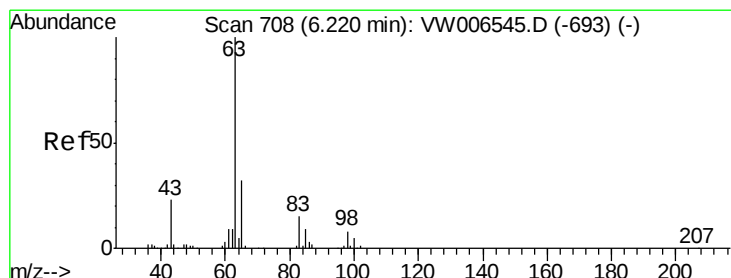
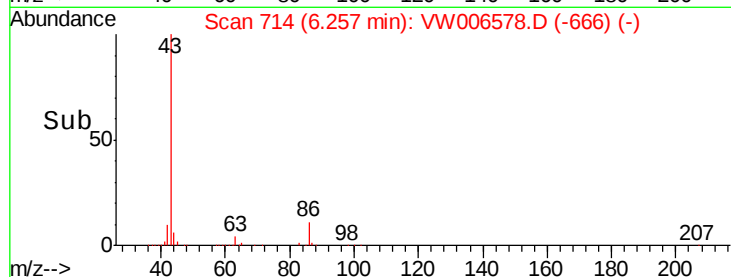
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.558 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

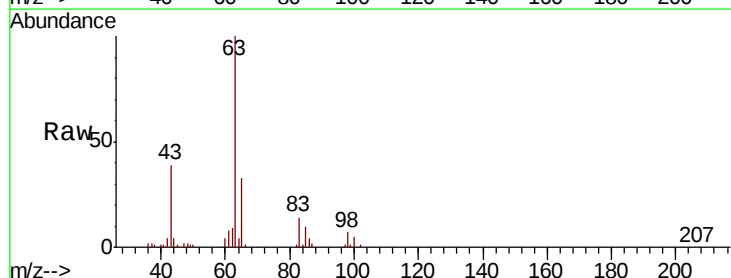
Tgt Ion: 63 Resp: 75702

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

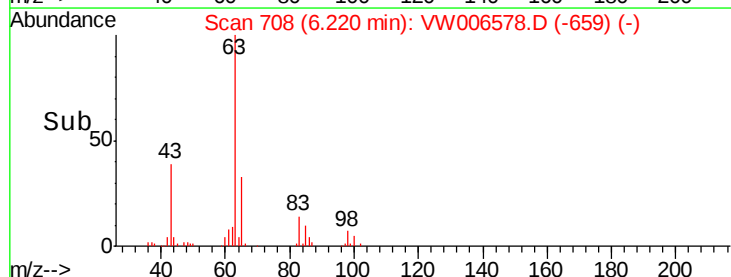
30000

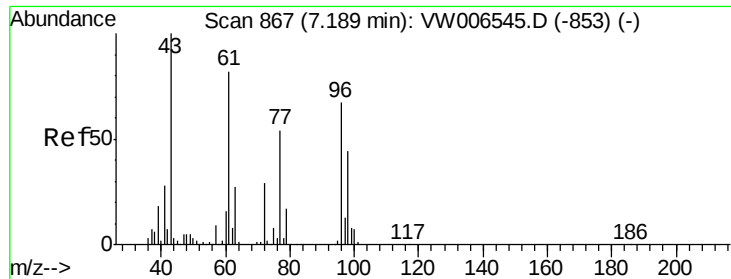
20000

10000

0

Time-->





#25

2-Butanone

Concen: 119.618 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

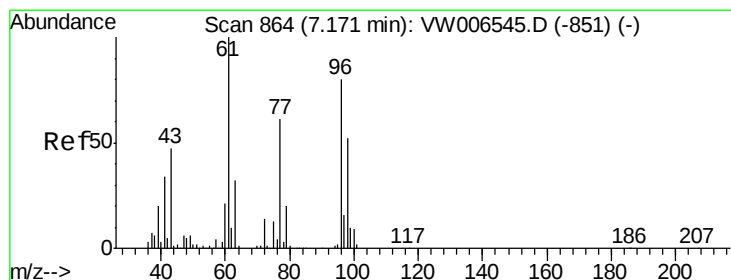
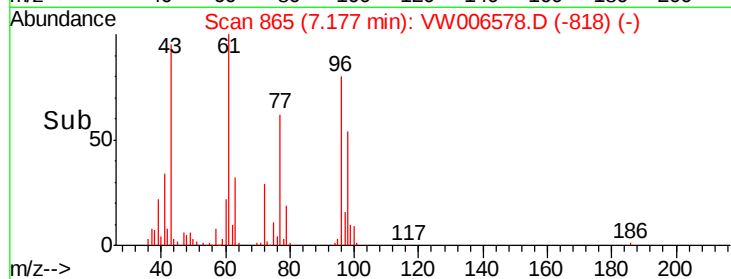
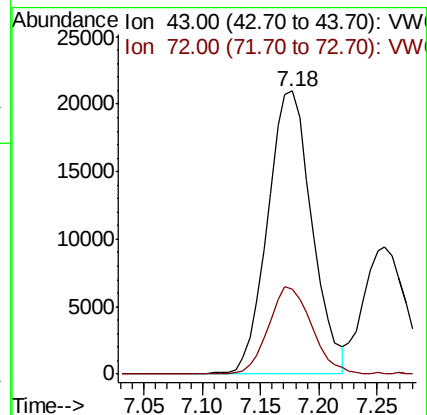
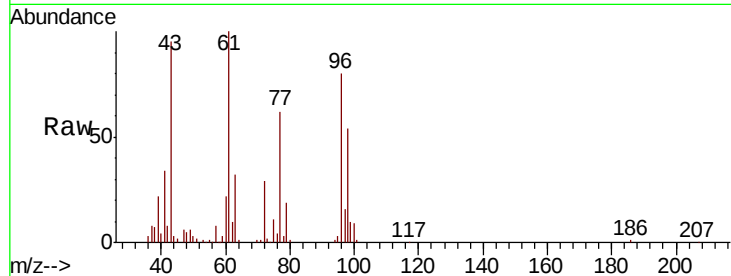
VW110318SBS01

Tgt Ion: 43 Resp: 55295

Ion Ratio Lower Upper

43 100

72 29.9 23.2 34.8



#26

2,2-Dichloropropane

Concen: 20.671 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006578.D

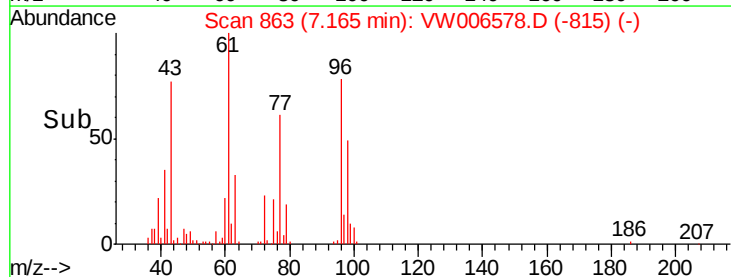
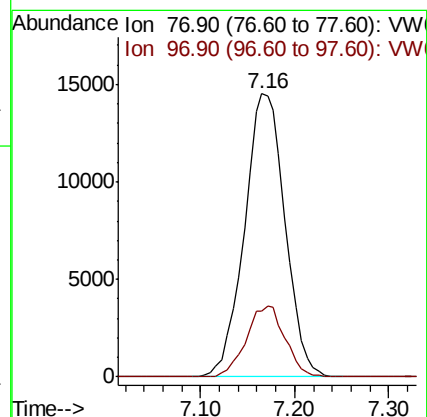
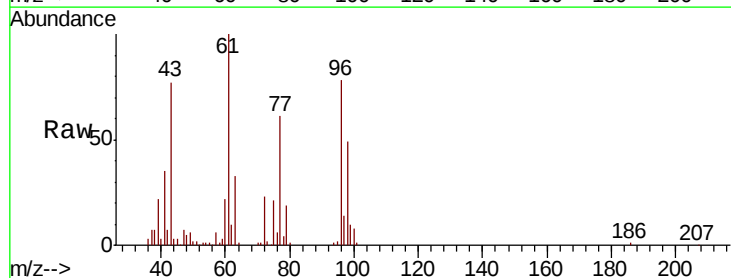
Acq: 02 Nov 2018 01:09

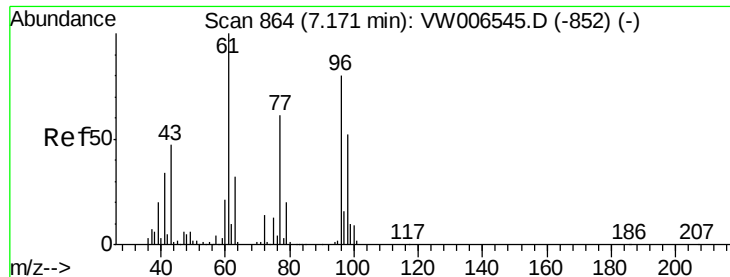
Tgt Ion: 77 Resp: 43726

Ion Ratio Lower Upper

77 100

97 23.9 12.8 38.4



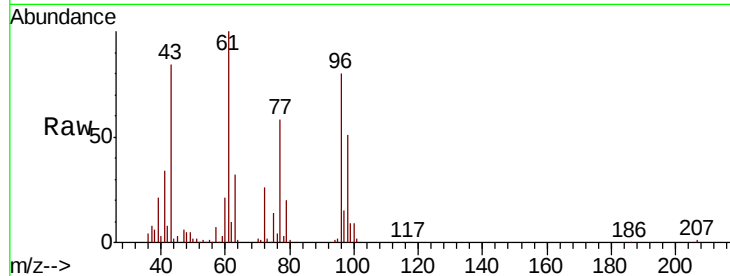


#27

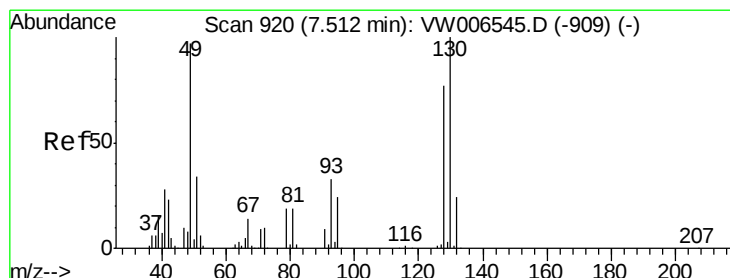
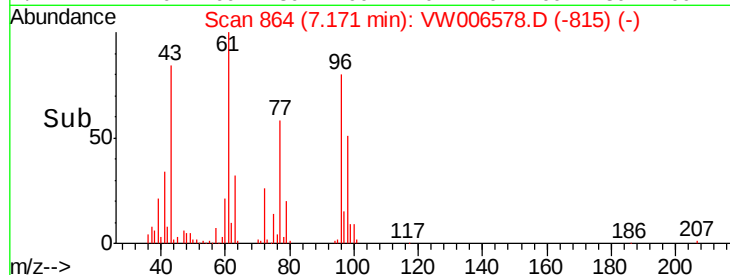
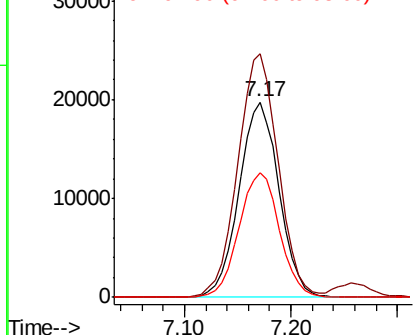
cis-1,2-Dichloroethene
Concen: 21.564 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion: 96 Resp: 51978
Ion Ratio Lower Upper
96 100
61 126.0 0.0 254.2
98 64.4 0.0 129.6



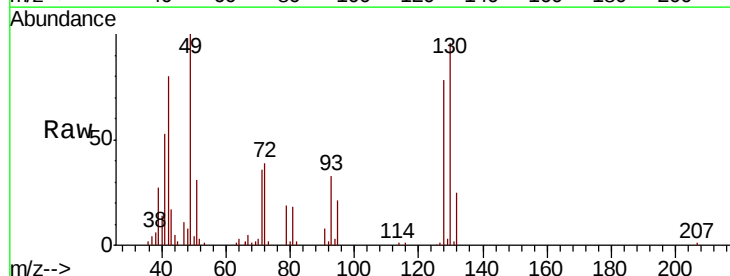
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



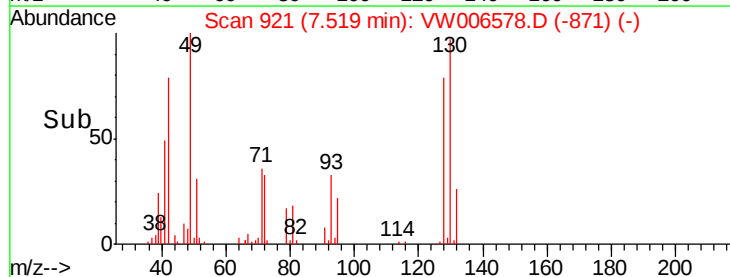
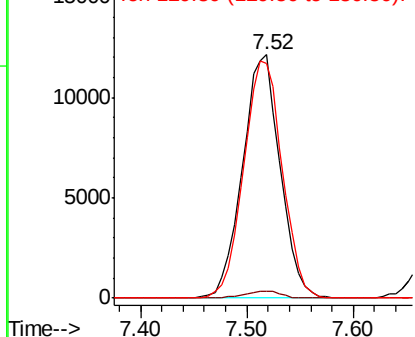
#28

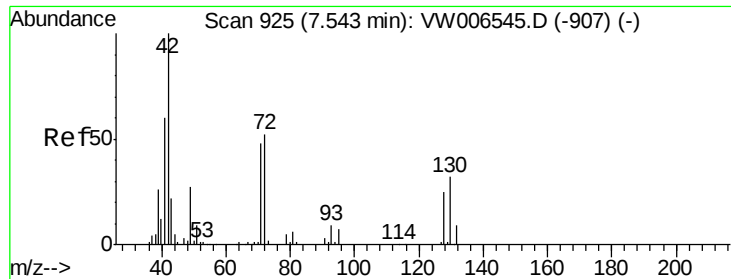
Bromochloromethane
Concen: 21.570 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 49 Resp: 30077
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 100.0 82.2 123.2



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

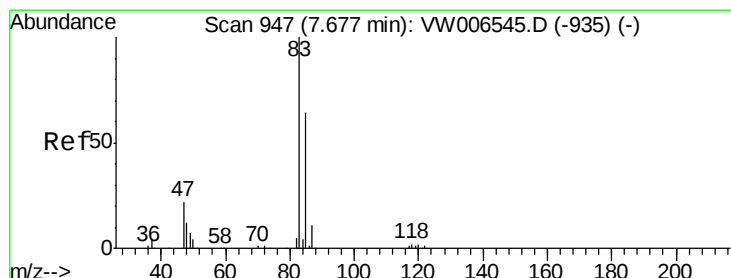
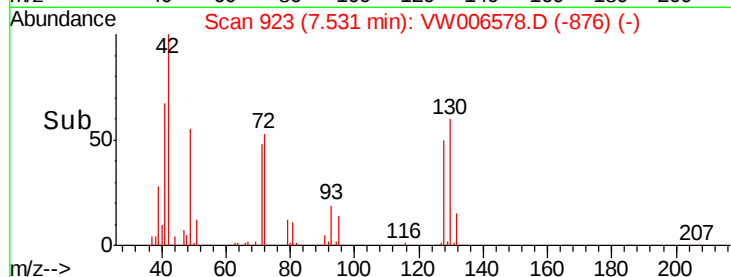
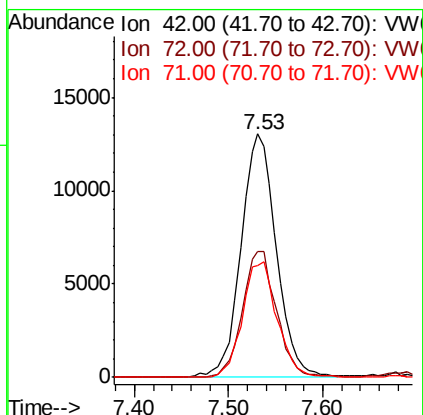
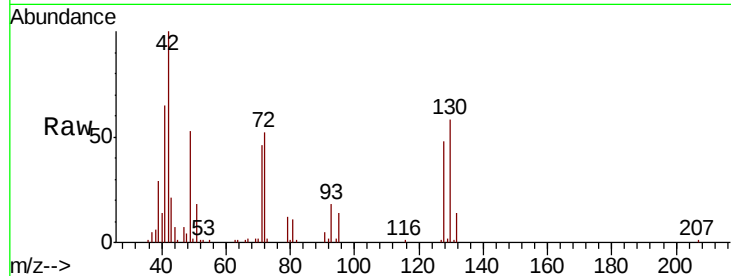




#29
Tetrahydrofuran
Concen: 117.962 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

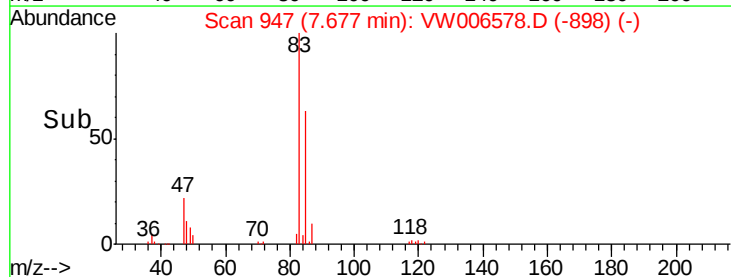
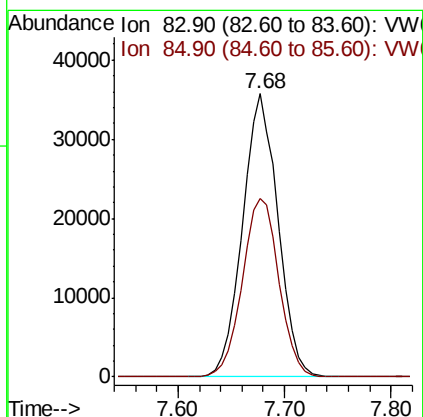
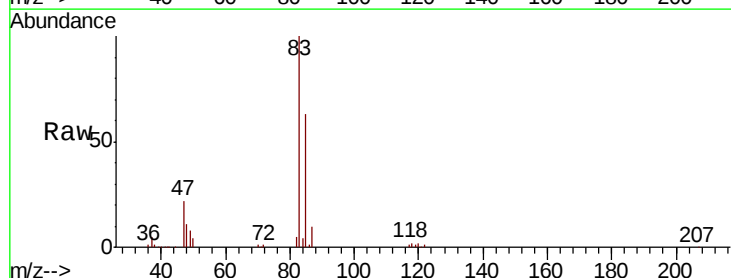
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

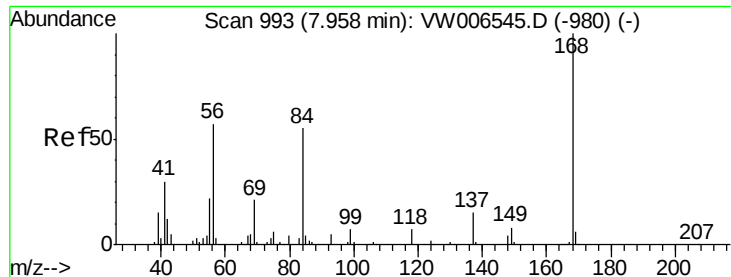
Tgt Ion: 42 Resp: 34298
Ion Ratio Lower Upper
42 100
72 49.8 39.2 58.8
71 46.6 37.6 56.4



#30
Chloroform
Concen: 21.663 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 83 Resp: 83401
Ion Ratio Lower Upper
83 100
85 63.2 51.3 76.9

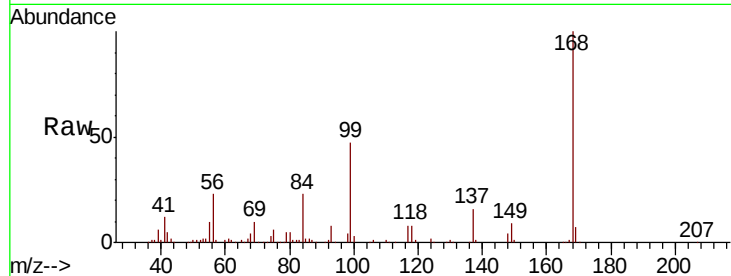




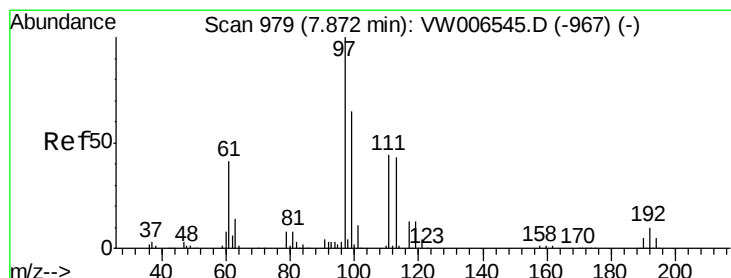
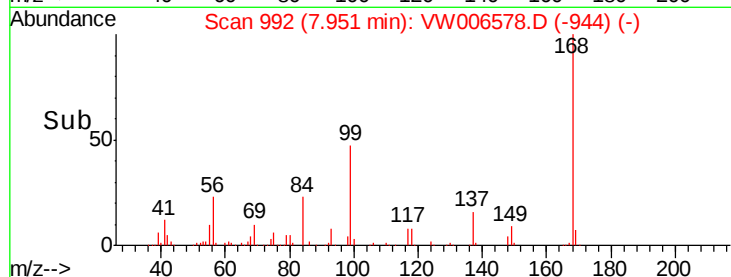
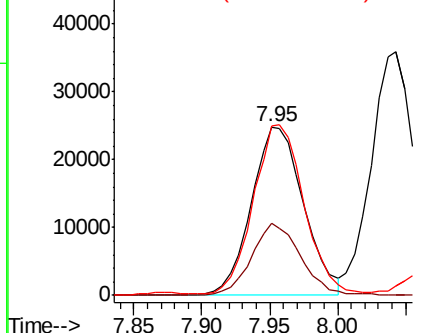
#31
Cyclohexane
Concen: 20.799 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion: 56 Resp: 66476
Ion Ratio Lower Upper
56 100
69 42.6 29.0 43.4
84 99.2 77.8 116.6

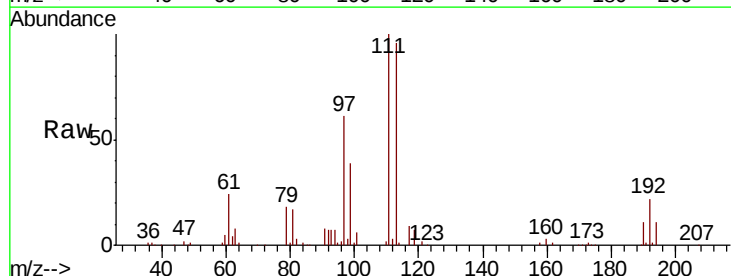


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

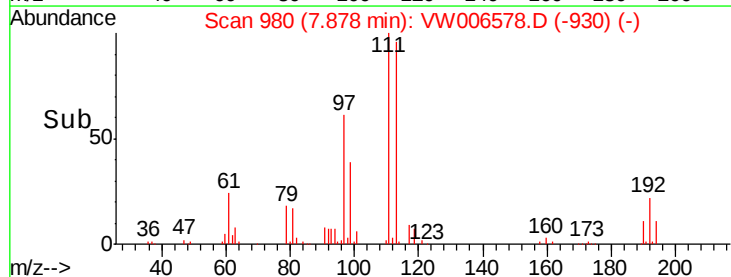
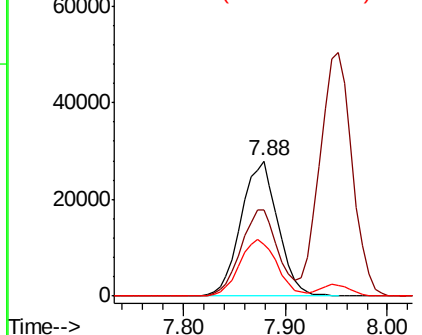


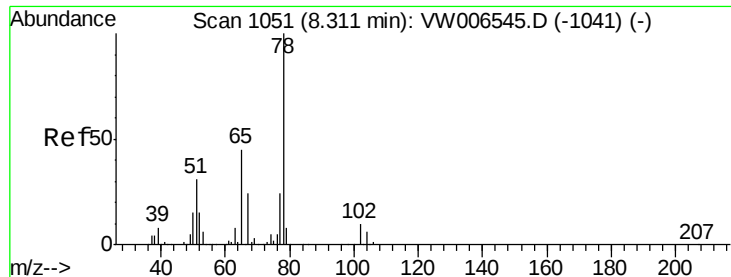
#32
1,1,1-Trichloroethane
Concen: 21.526 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 97 Resp: 70129
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 42.8 32.9 49.3



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

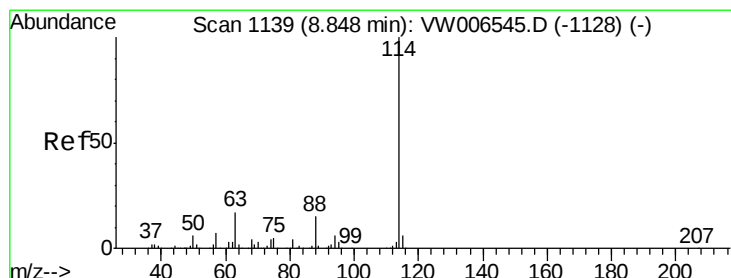
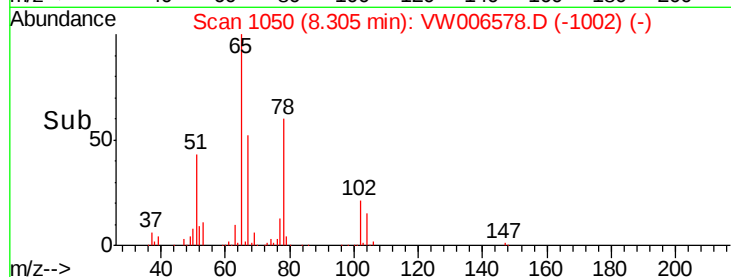
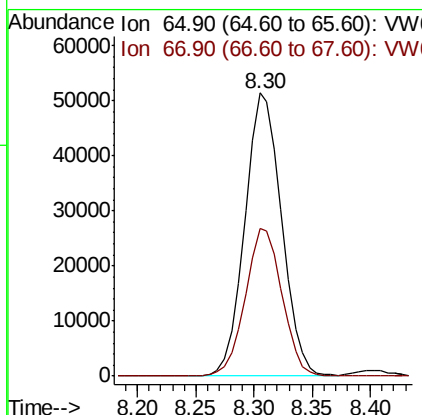
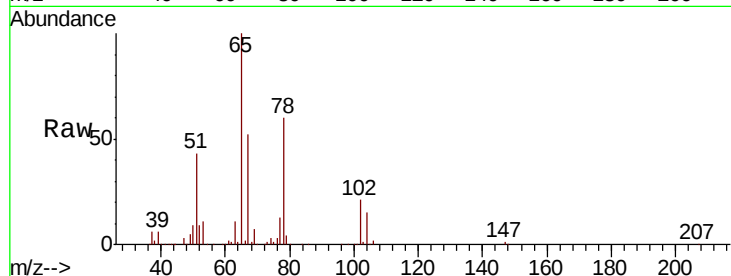




#33
 1,2-Dichloroethane-d4
 Concen: 56.215 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

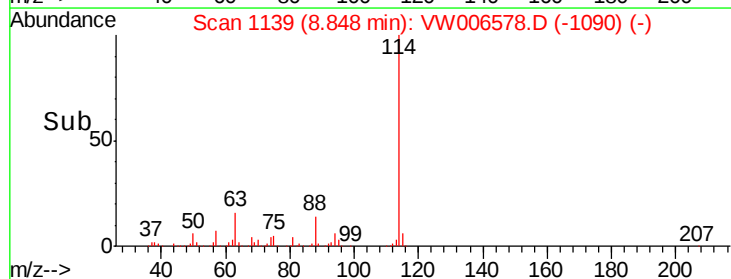
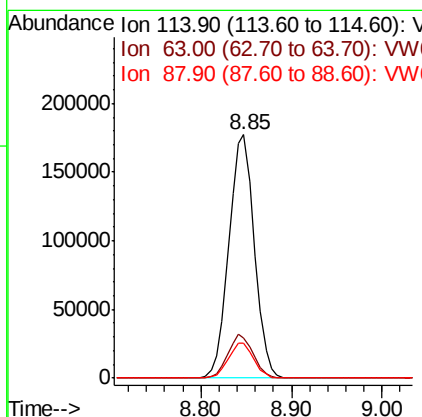
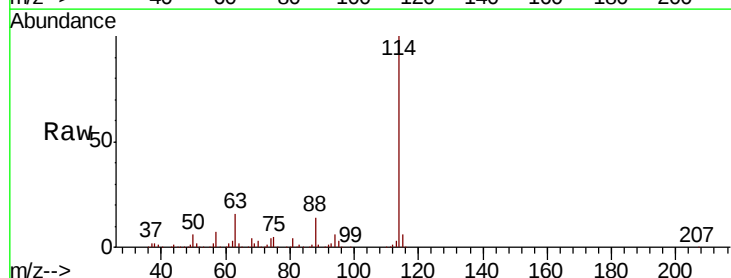
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

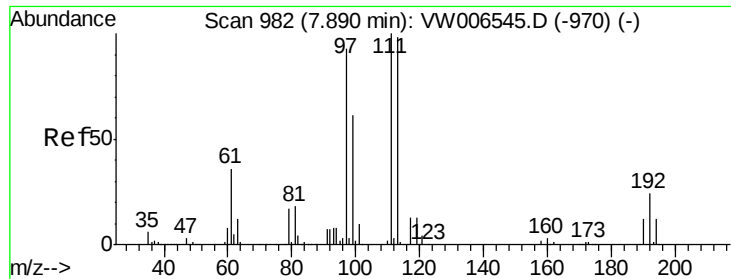
Tgt Ion: 65 Resp: 112797
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 114 Resp: 344750
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 34.4
 88 14.4 0.0 29.0

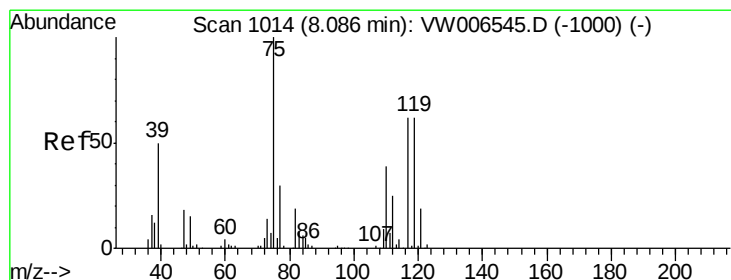
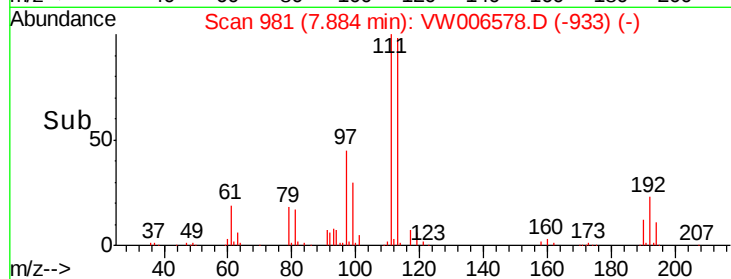
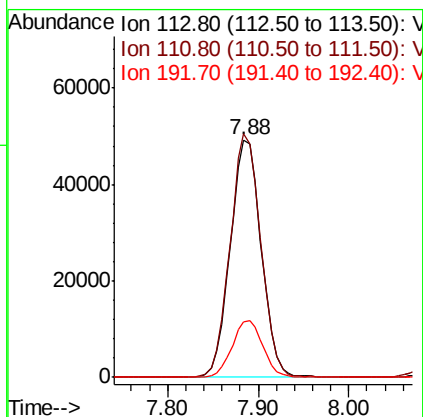
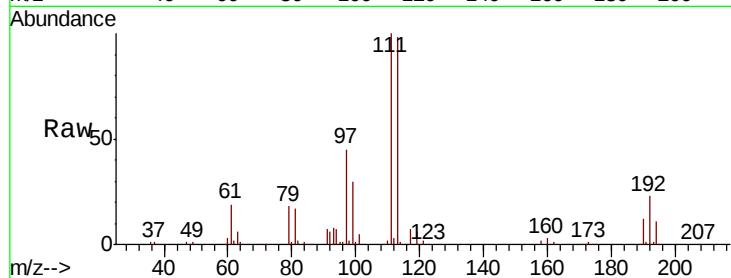




#35
 Dibromofluoromethane
 Concen: 53.927 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

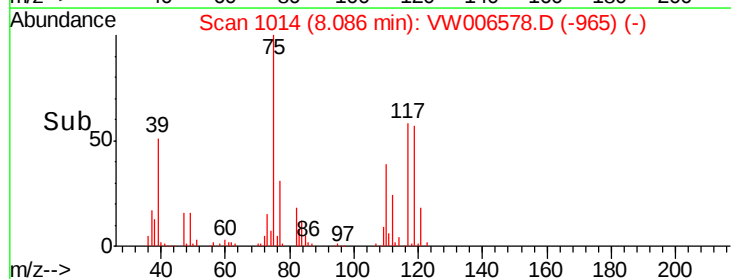
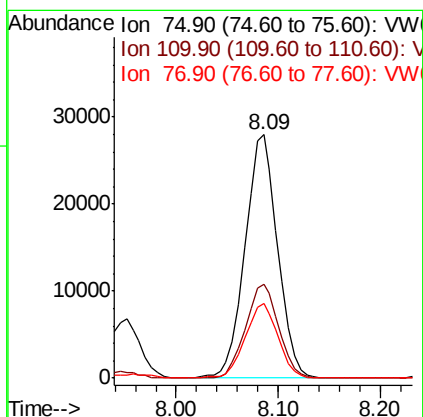
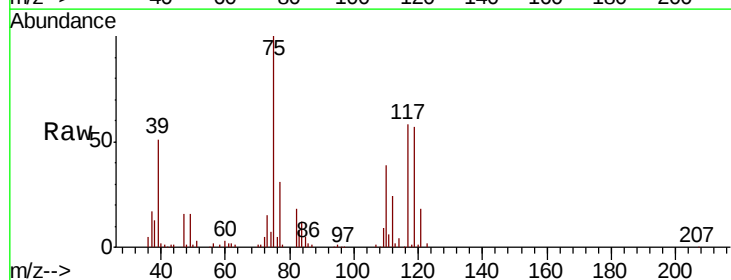
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBSD01

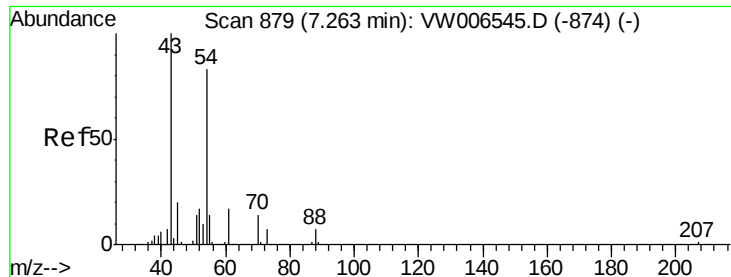
Tgt Ion:113 Resp: 116676
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 23.7 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 20.447 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 75 Resp: 61989
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.5 58.5
 77 30.9 24.6 37.0

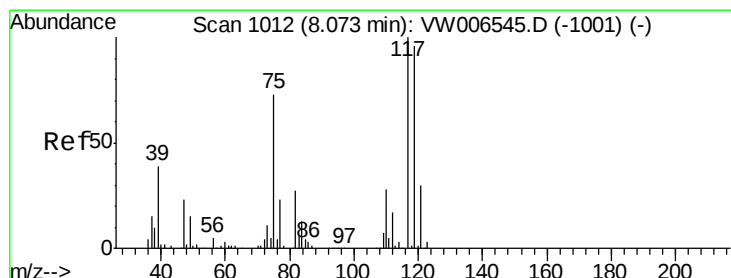
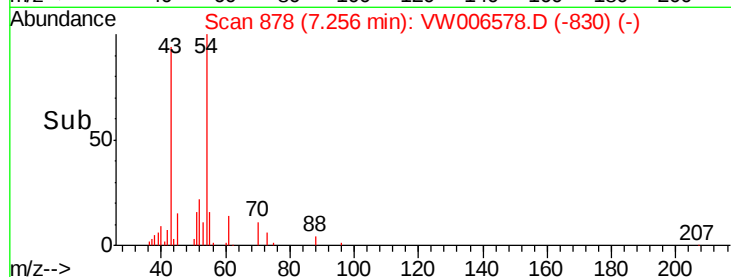
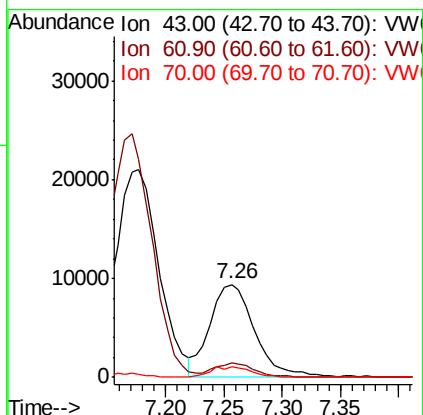
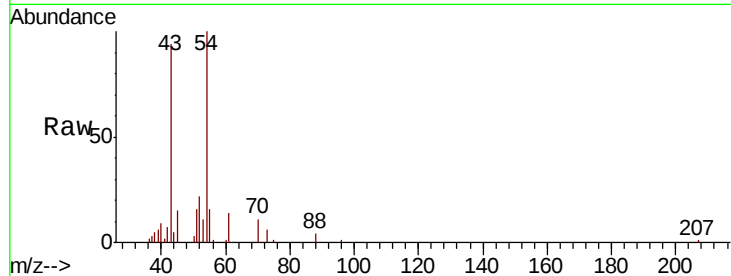




#37
Ethyl Acetate
Concen: 23.447 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

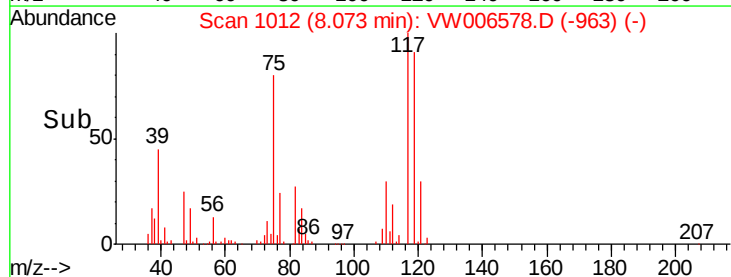
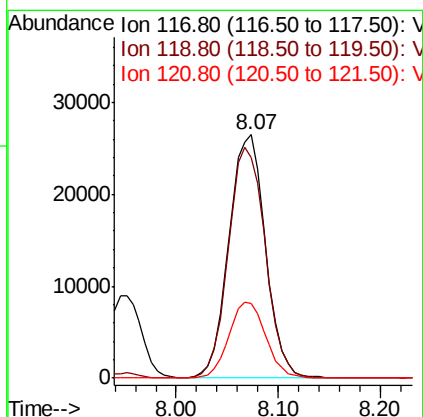
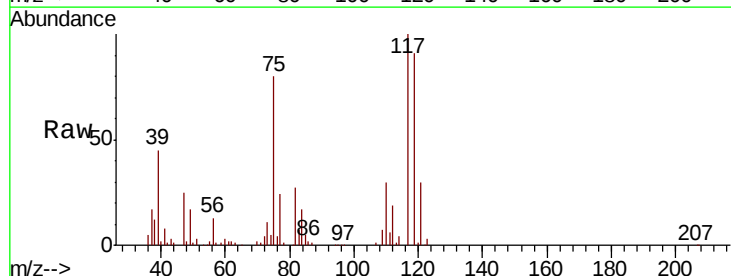
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

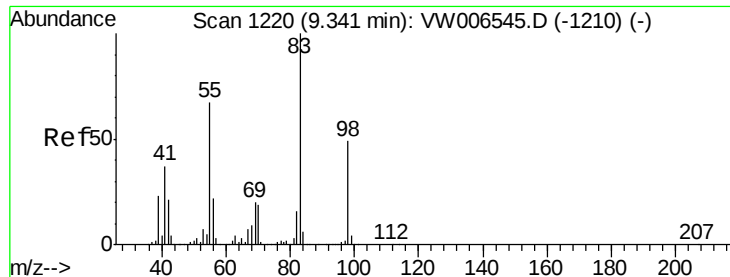
Tgt Ion: 43 Resp: 24634
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 10.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 20.793 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 117 Resp: 65872
Ion Ratio Lower Upper
117 100
119 90.8 76.3 114.5
121 30.4 24.1 36.1

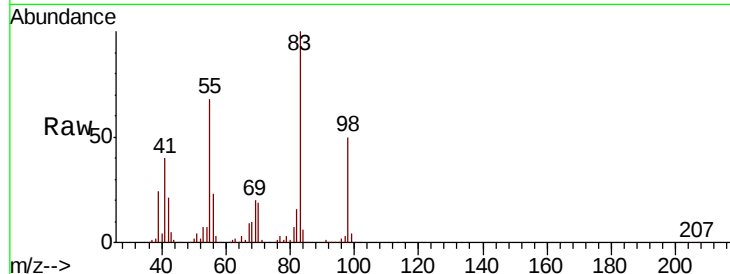




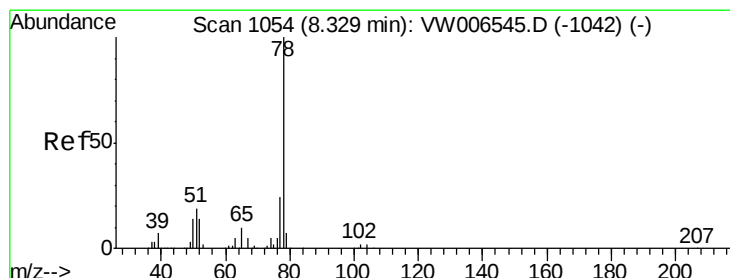
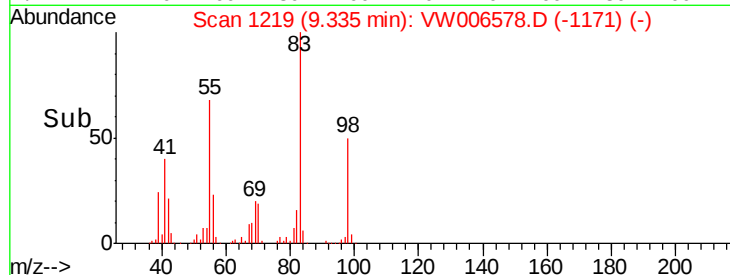
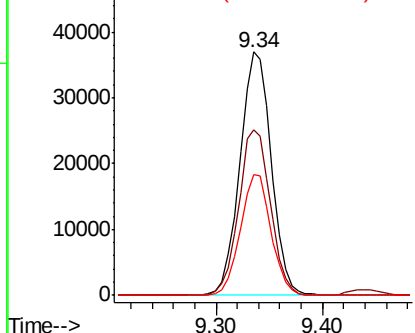
#39
Methylcyclohexane
Concen: 19.909 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

Tgt Ion: 83 Resp: 76597
Ion Ratio Lower Upper
83 100
55 68.1 53.7 80.5
98 49.7 39.2 58.8

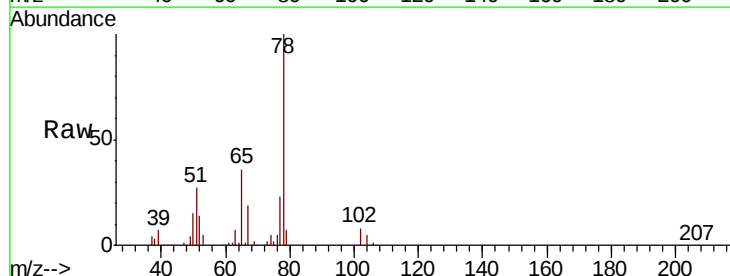


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

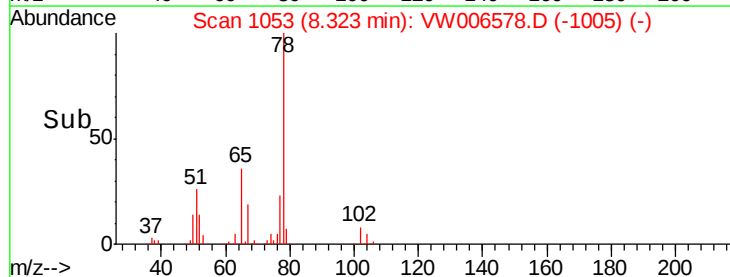
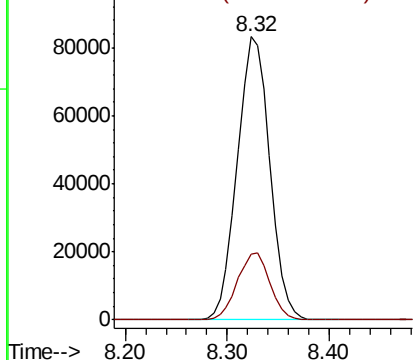


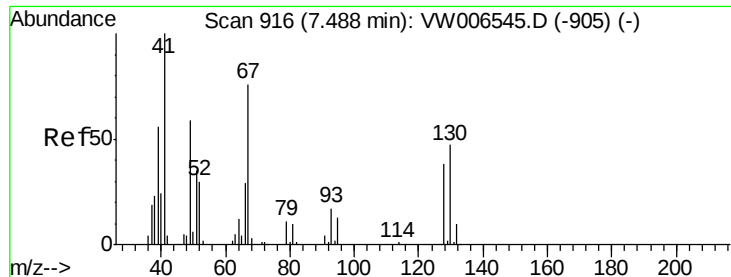
#40
Benzene
Concen: 21.423 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 78 Resp: 184476
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



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





#41

Methacrylonitrile

Concen: 22.551 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBSD01

Tgt Ion: 41 Resp: 14528

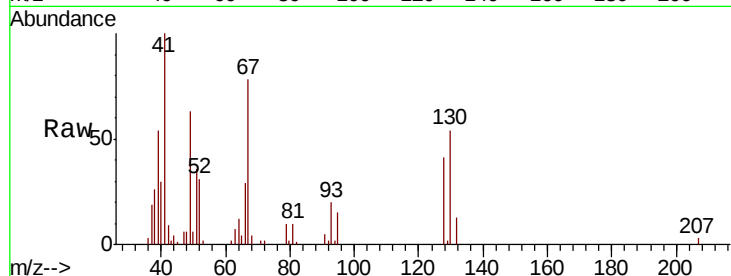
Ion Ratio Lower Upper

41 100

39 48.7 44.5 66.7

67 75.8 63.8 95.8

52 31.6 26.3 39.5

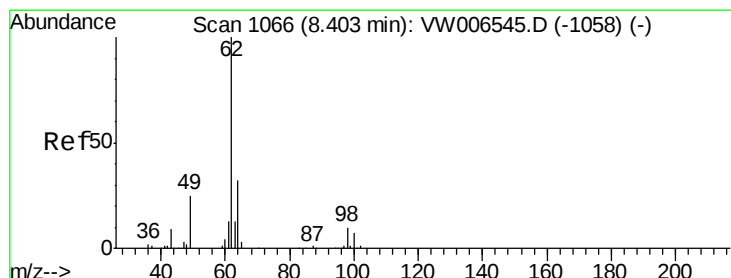
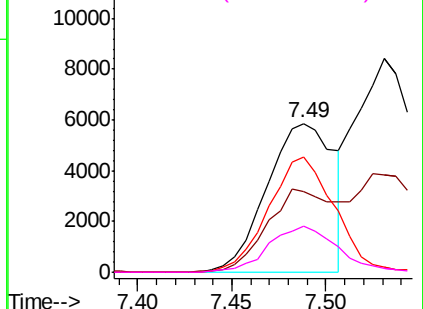
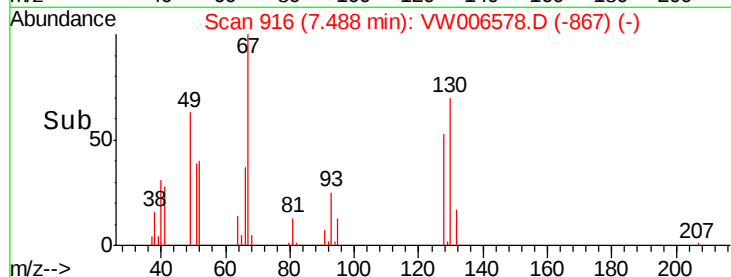


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.340 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006578.D

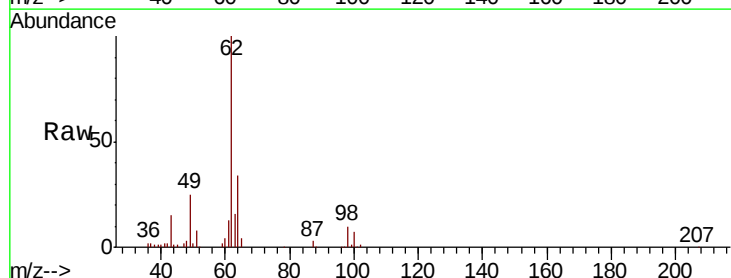
Acq: 02 Nov 2018 01:09

Tgt Ion: 62 Resp: 52702

Ion Ratio Lower Upper

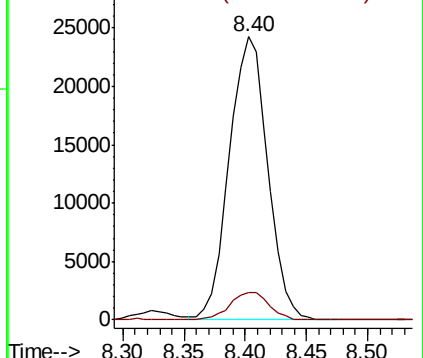
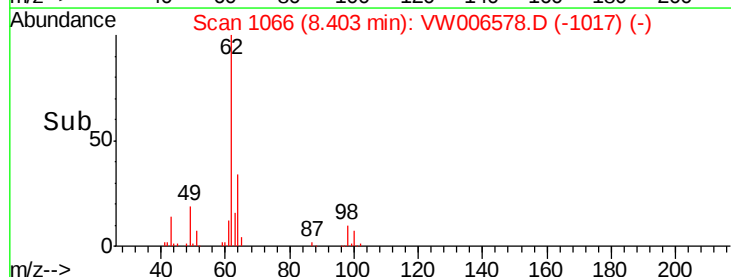
62 100

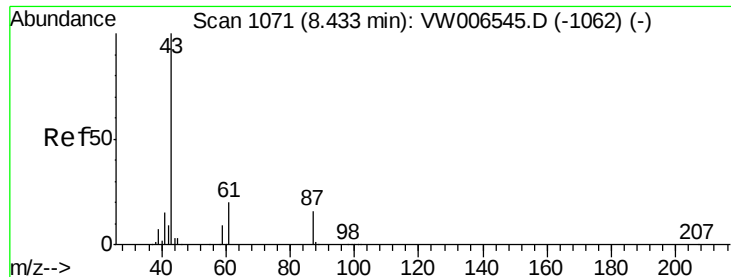
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.139 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

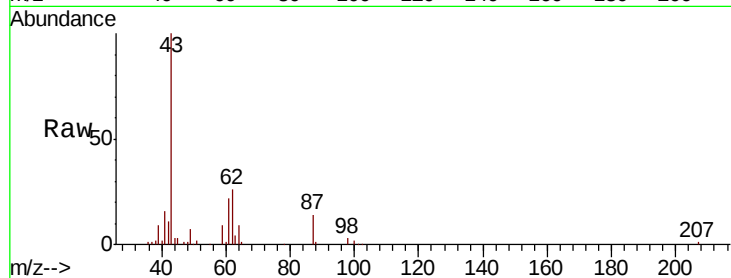
Tgt Ion: 43 Resp: 46414

Ion Ratio Lower Upper

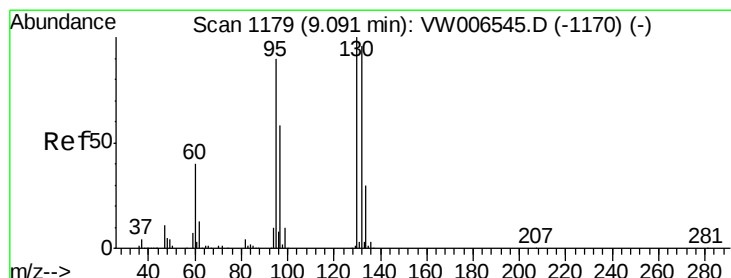
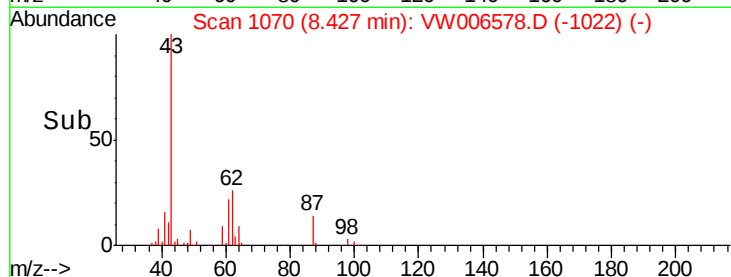
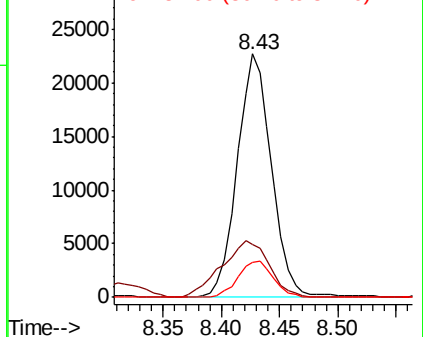
43 100

61 32.3 27.2 40.8

87 15.3 12.9 19.3



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



#44

Trichloroethene

Concen: 20.367 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006578.D

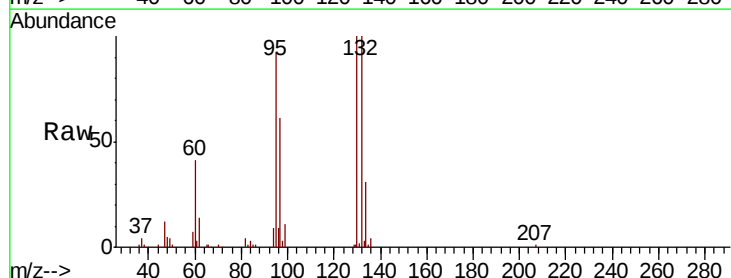
Acq: 02 Nov 2018 01:09

Tgt Ion: 130 Resp: 54121

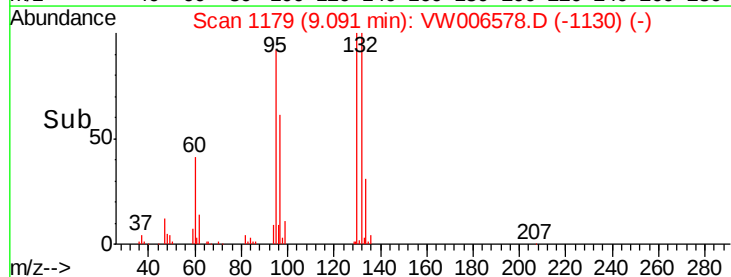
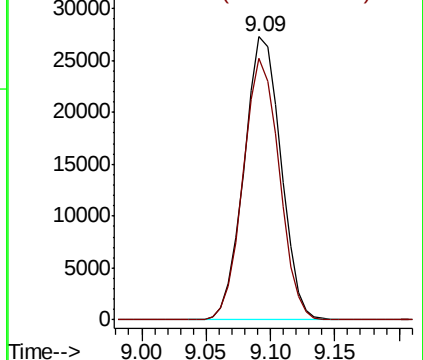
Ion Ratio Lower Upper

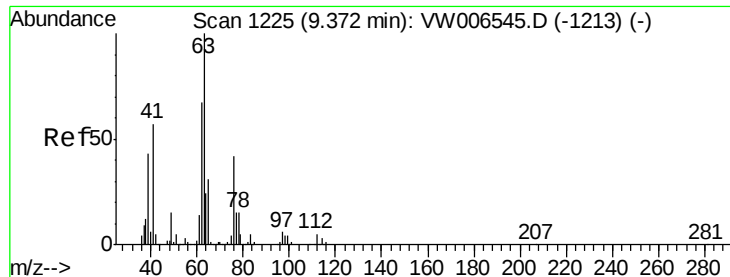
130 100

95 92.5 0.0 179.2



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

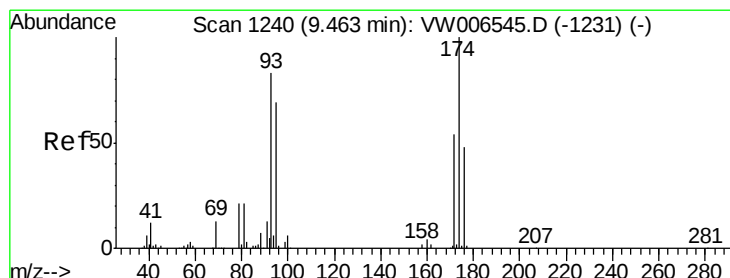
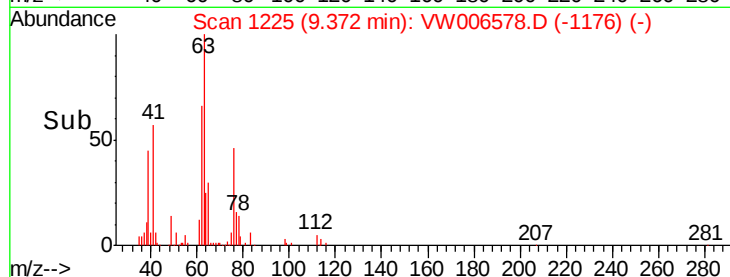
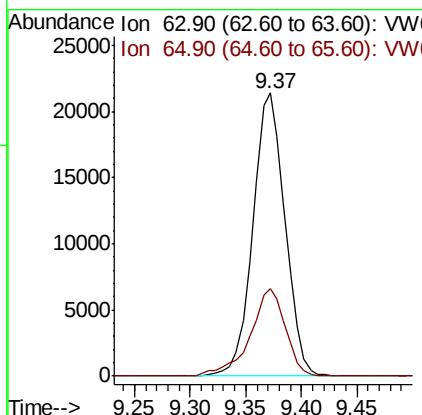
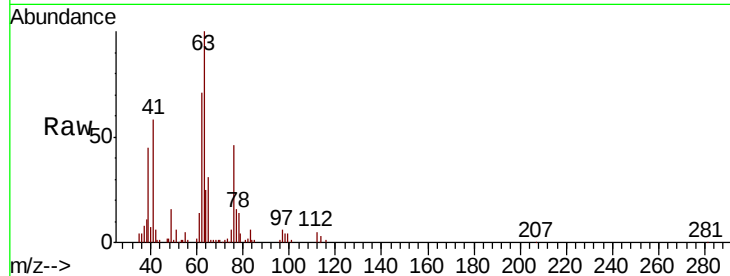




#45
 1,2-Dichloropropane
 Concen: 21.396 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

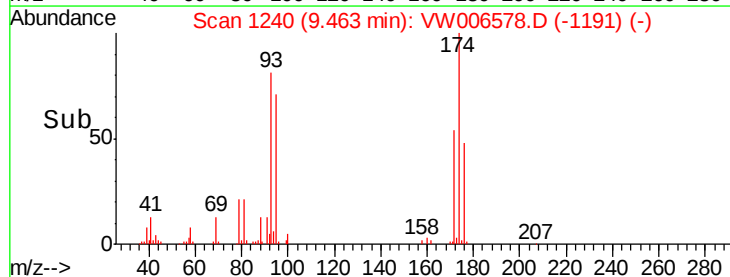
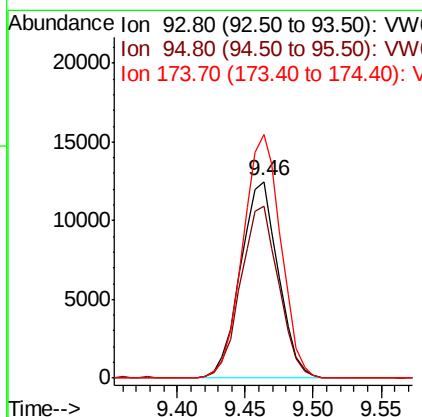
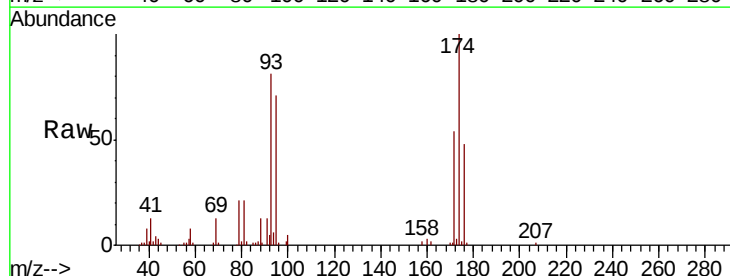
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

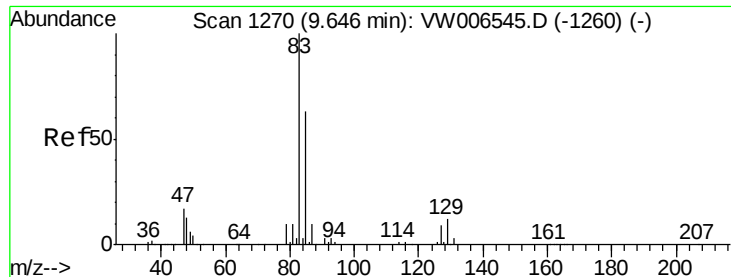
Tgt Ion: 63 Resp: 42878
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7



#46
 Dibromomethane
 Concen: 20.618 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 93 Resp: 24289
 Ion Ratio Lower Upper
 93 100
 95 87.8 67.2 100.8
 174 124.3 97.3 145.9





#47

Bromodichloromethane

Concen: 20.936 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBSD01

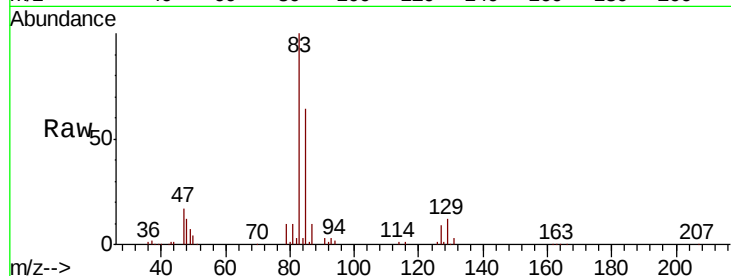
Tgt Ion: 83 Resp: 57266

Ion Ratio Lower Upper

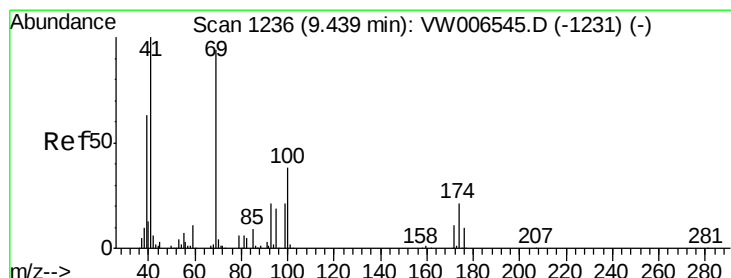
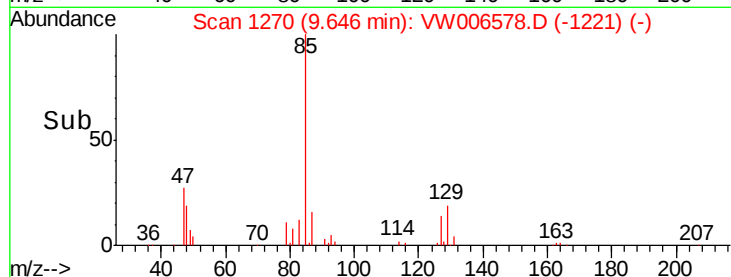
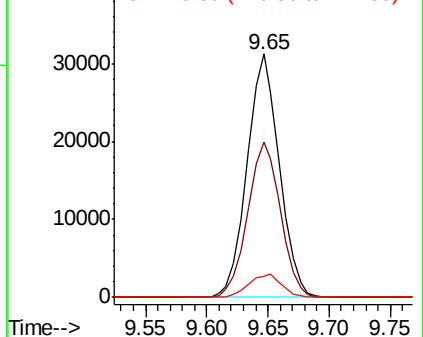
83 100

85 63.8 50.6 75.8

127 8.8 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 21.695 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

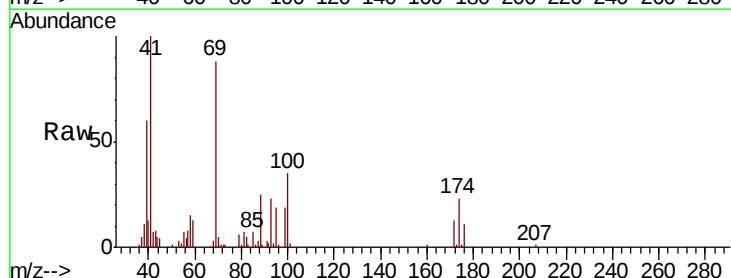
Tgt Ion: 41 Resp: 21914

Ion Ratio Lower Upper

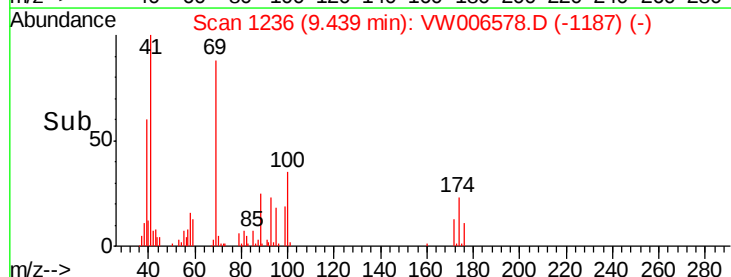
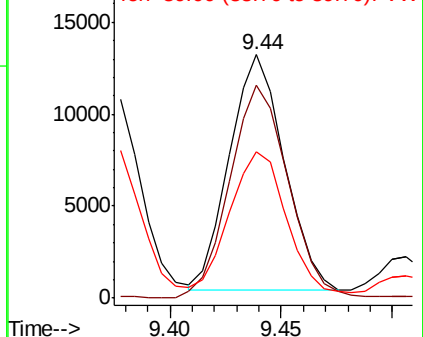
41 100

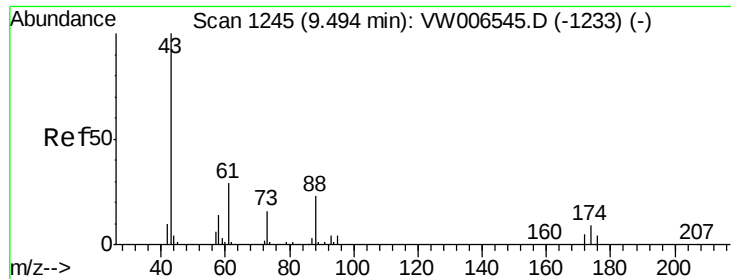
69 97.3 77.8 116.8

39 60.3 48.7 73.1



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: 455.329 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.05 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

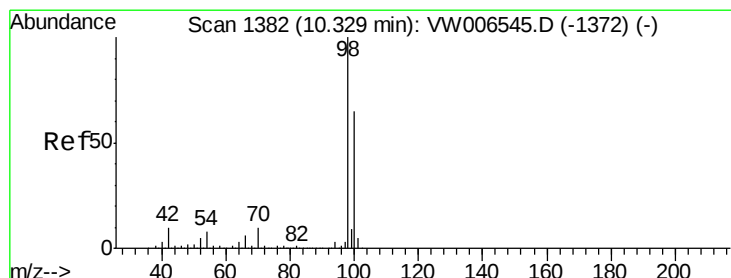
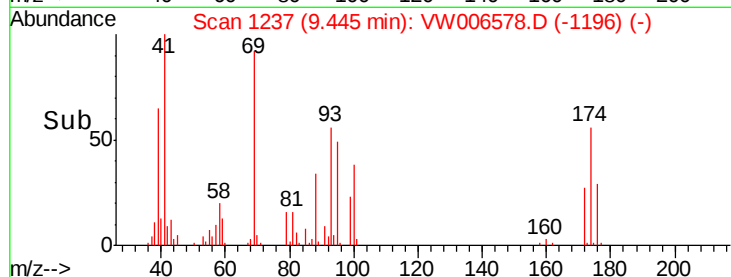
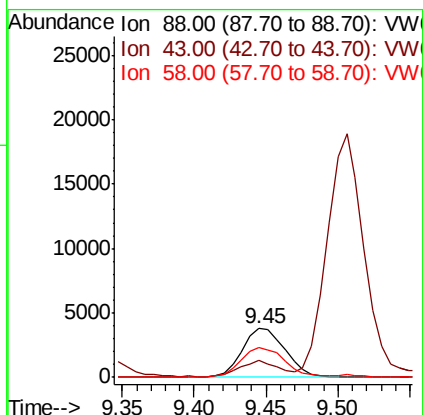
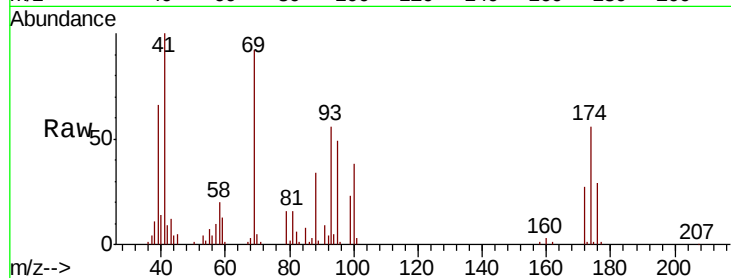
Tgt Ion: 88 Resp: 7850

Ion Ratio Lower Upper

88 100

43 31.5 356.6 534.8#

58 62.3 51.4 77.2



#50

Toluene-d8

Concen: 53.436 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006578.D

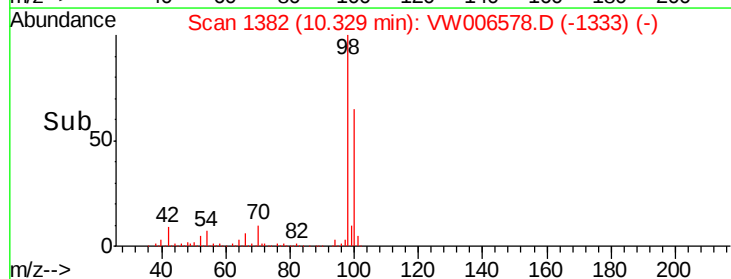
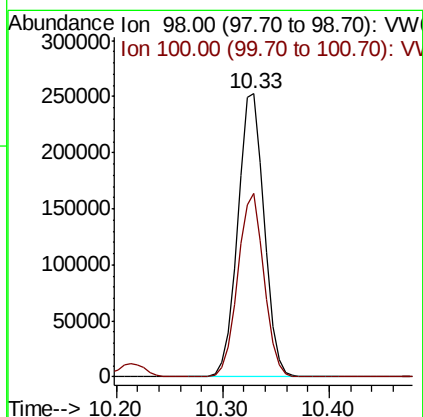
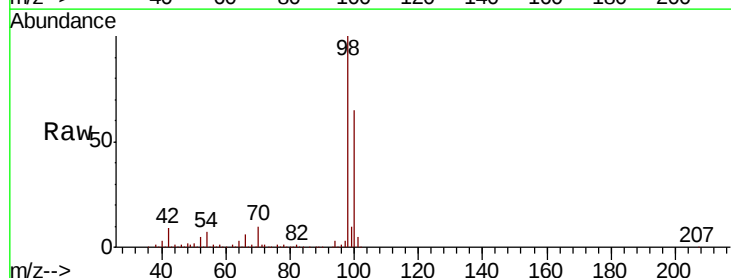
Acq: 02 Nov 2018 01:09

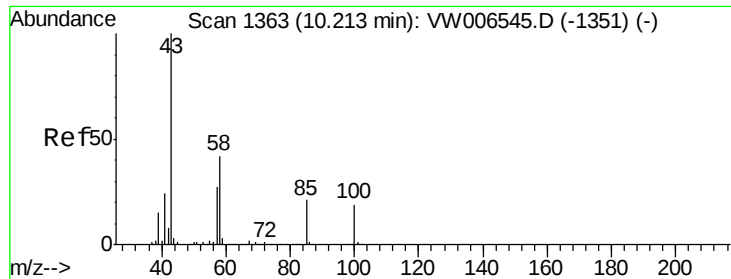
Tgt Ion: 98 Resp: 440118

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 110.044 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

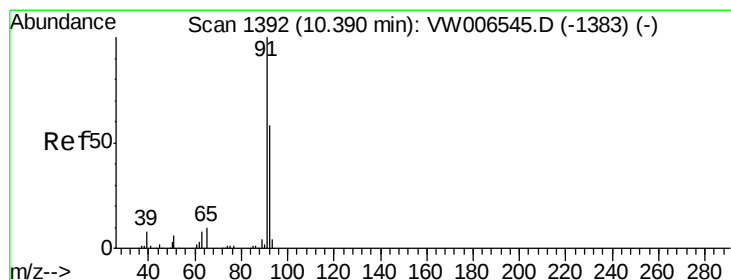
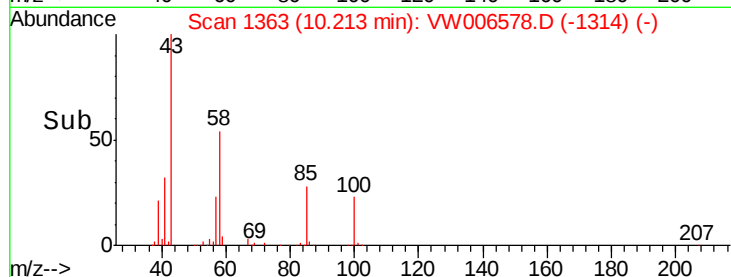
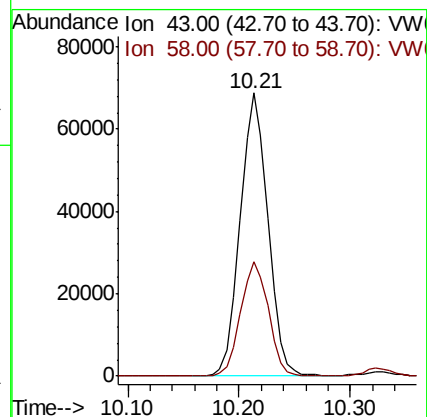
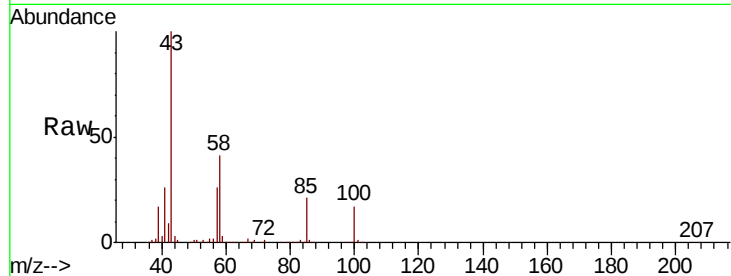
VW110318SBSD01

Tgt Ion: 43 Resp: 118488

Ion Ratio Lower Upper

43 100

58 40.6 33.4 50.0



#52

Toluene

Concen: 20.554 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006578.D

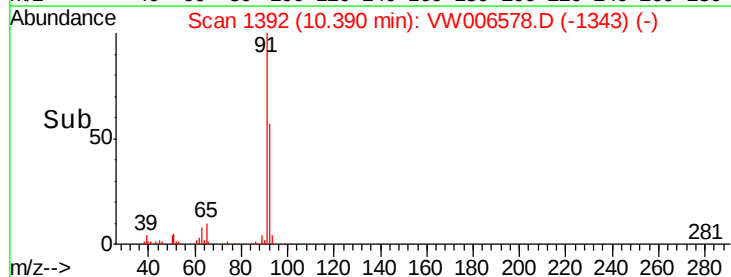
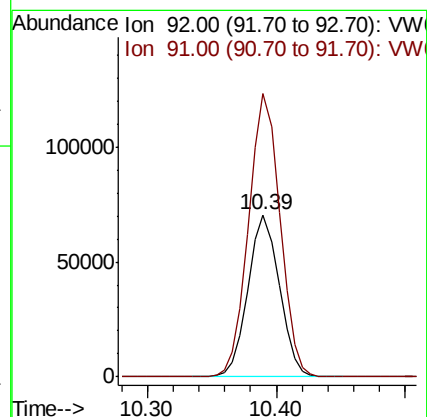
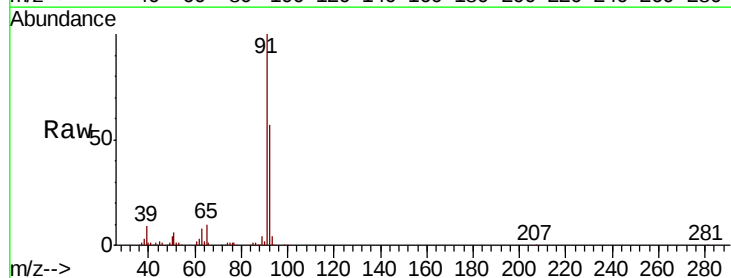
Acq: 02 Nov 2018 01:09

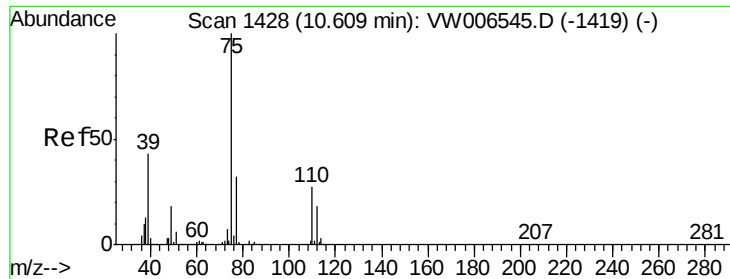
Tgt Ion: 92 Resp: 118716

Ion Ratio Lower Upper

92 100

91 174.8 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.560 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

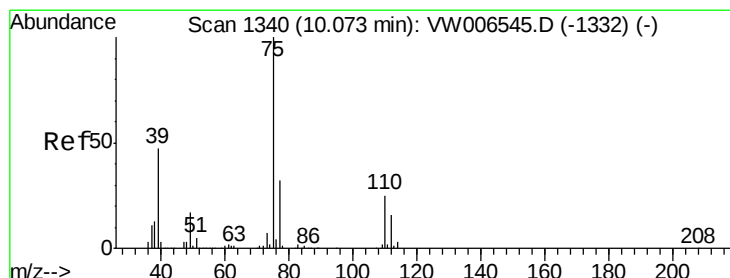
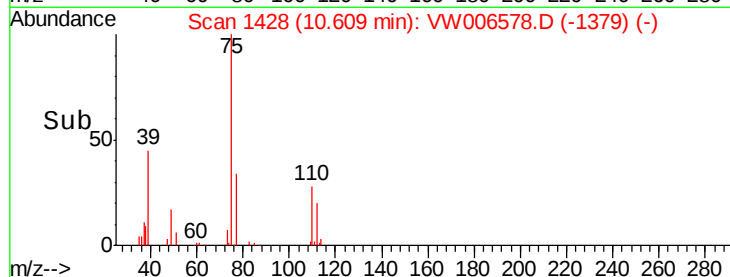
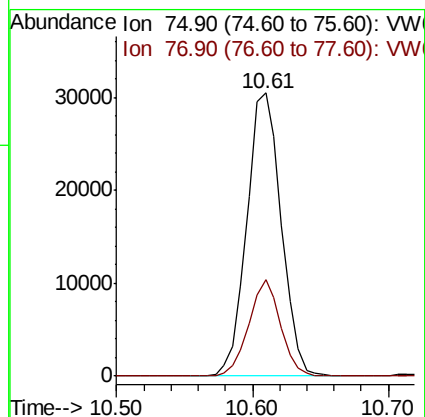
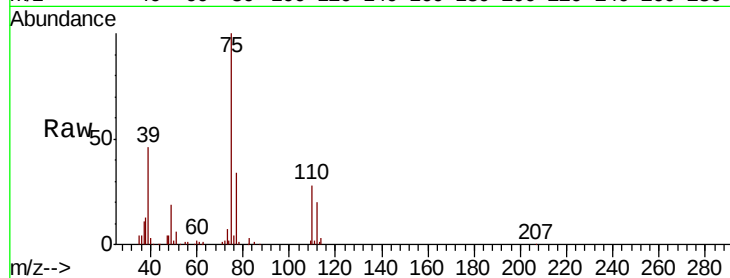
VW110318SBSD01

Tgt Ion: 75 Resp: 54124

Ion Ratio Lower Upper

75 100

77 34.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.715 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

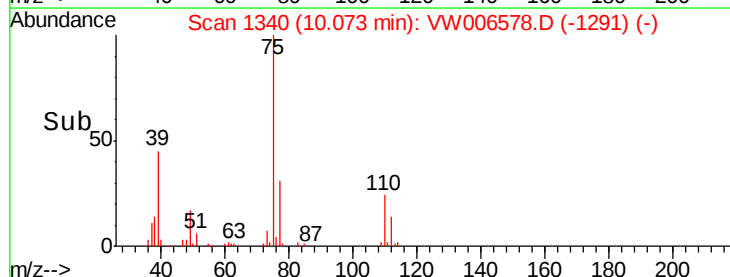
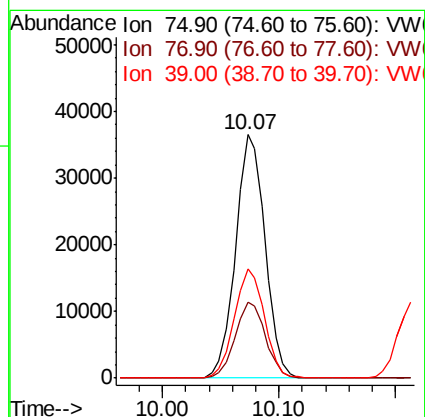
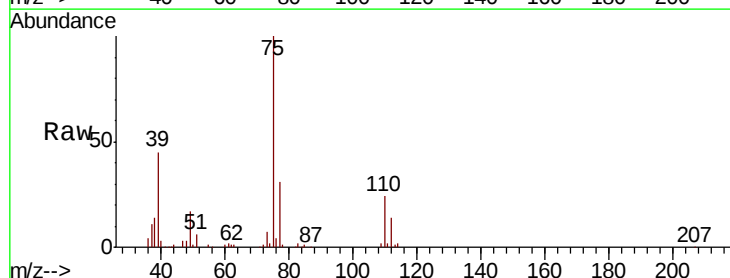
Tgt Ion: 75 Resp: 64441

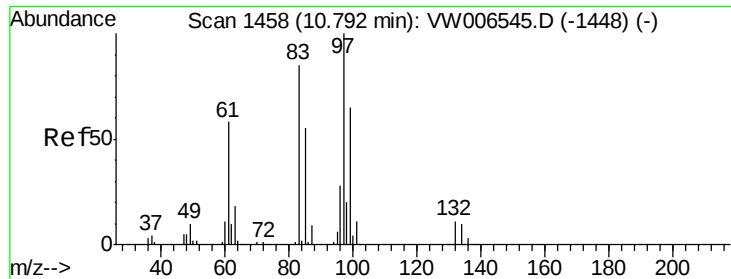
Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

39 44.6 37.3 55.9

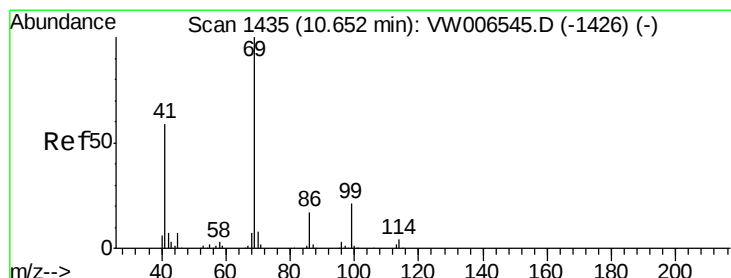
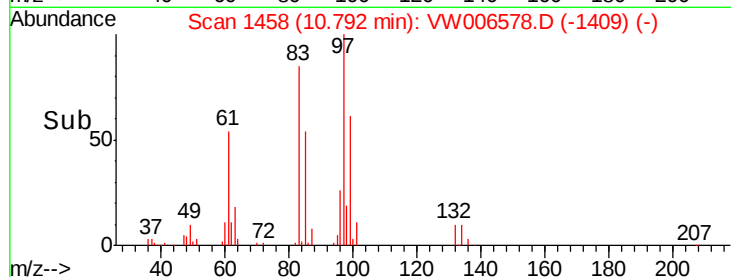
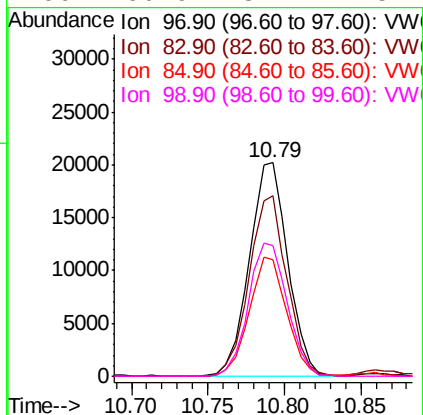
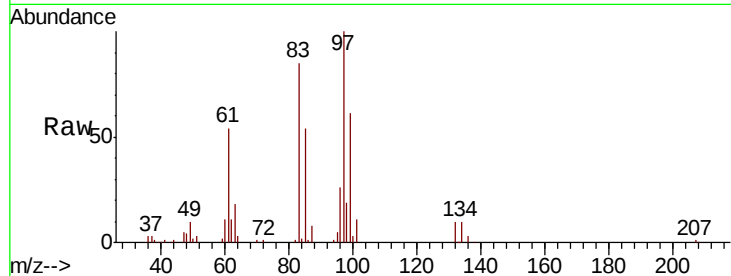




#55
 1,1,2-Trichloroethane
 Concen: 21.122 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

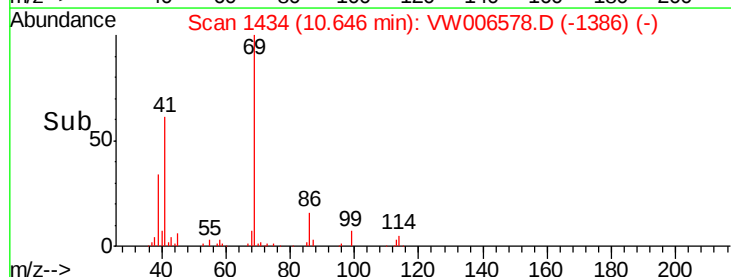
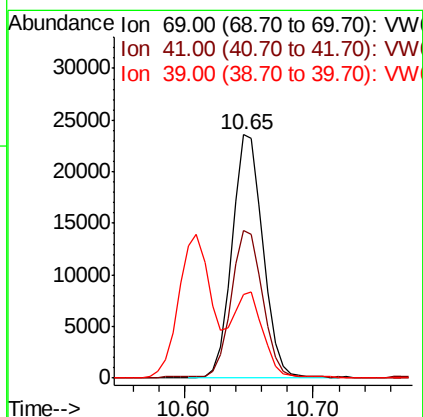
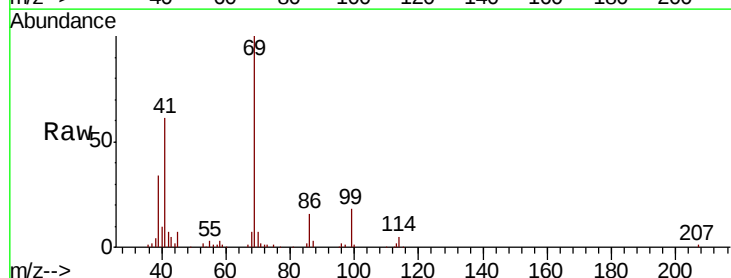
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

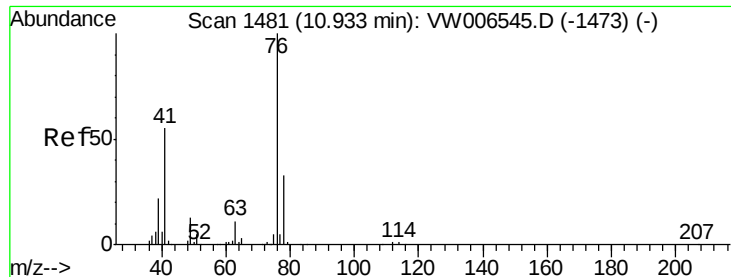
Tgt Ion:	97	Resp:	35305
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.9	101.9
85	54.3	44.0	66.0
99	60.9	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 20.729 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion:	69	Resp:	39380
Ion	Ratio	Lower	Upper
69	100		
41	63.4	47.4	71.2
39	32.1	25.3	37.9

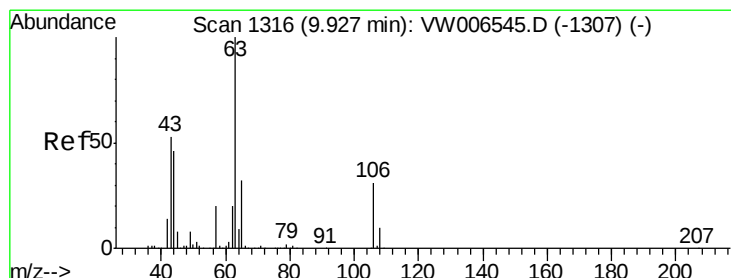
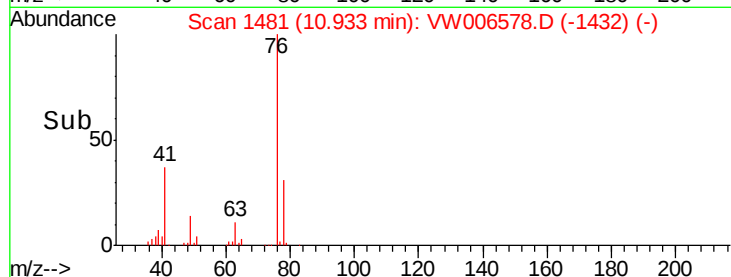
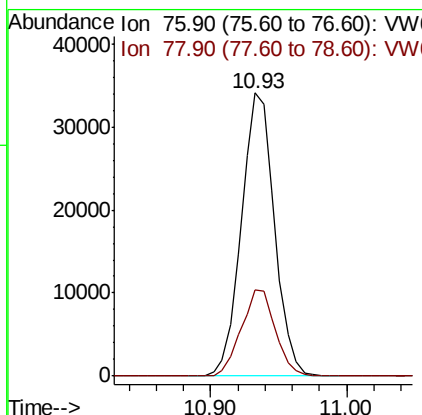
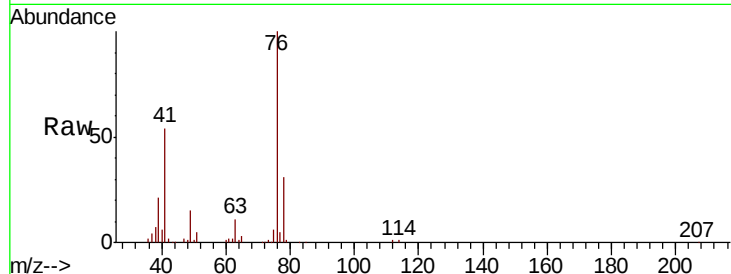




#57
 1,3-Dichloropropane
 Concen: 21.261 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

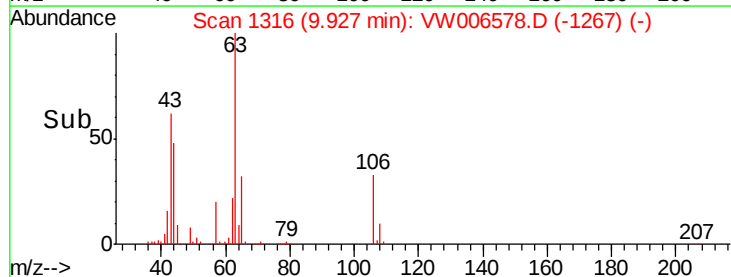
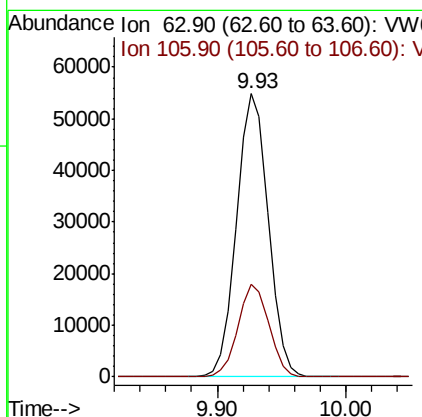
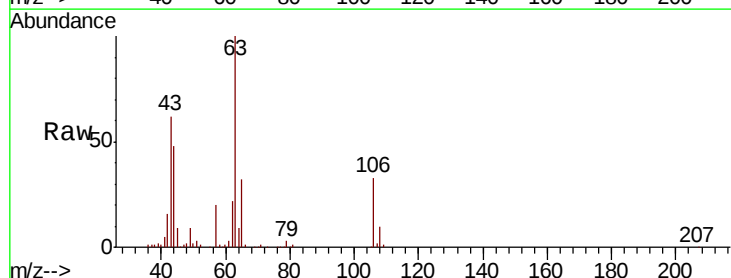
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBSD01

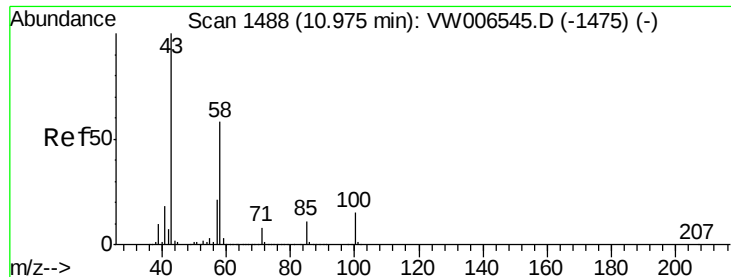
Tgt Ion: 76 Resp: 57705
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.002 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 63 Resp: 93275
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.4 38.2

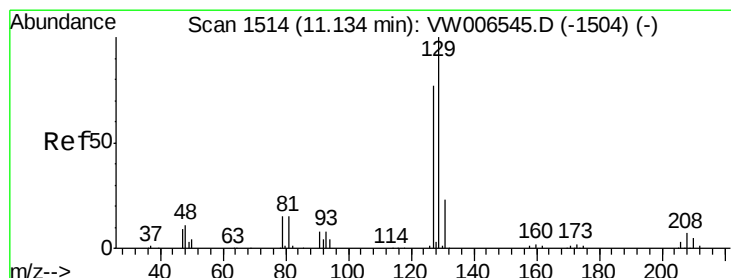
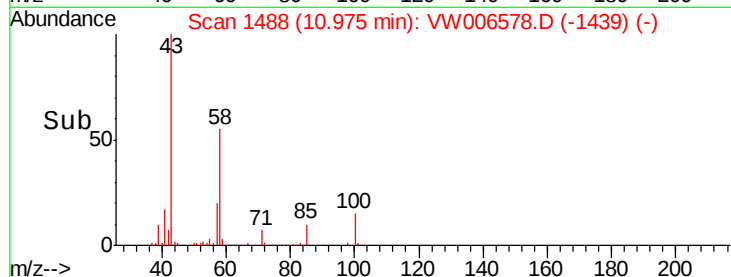
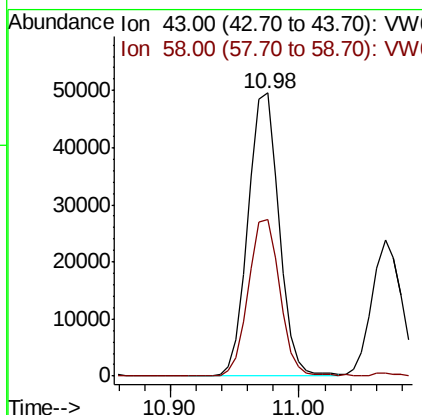
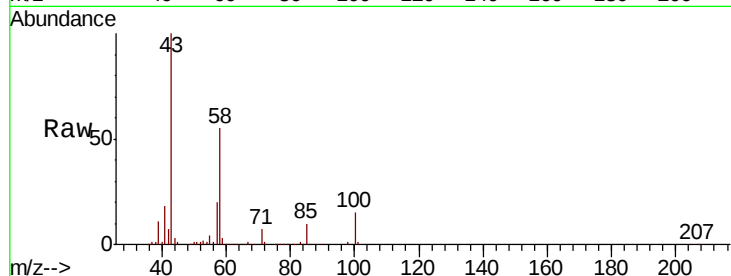




#59
2-Hexanone
Concen: 112.729 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

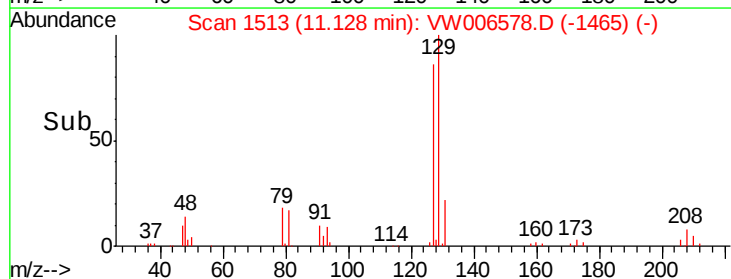
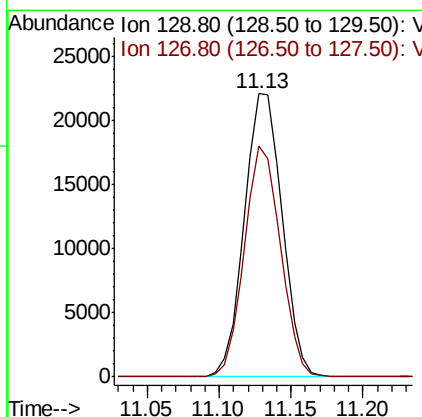
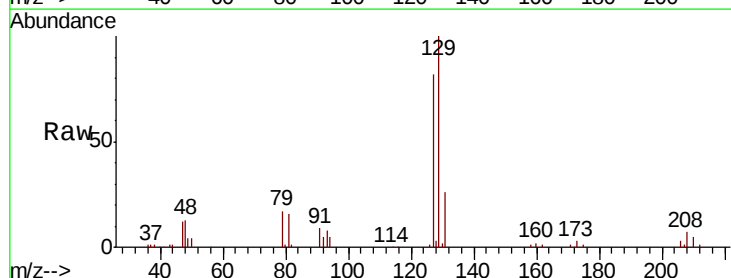
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

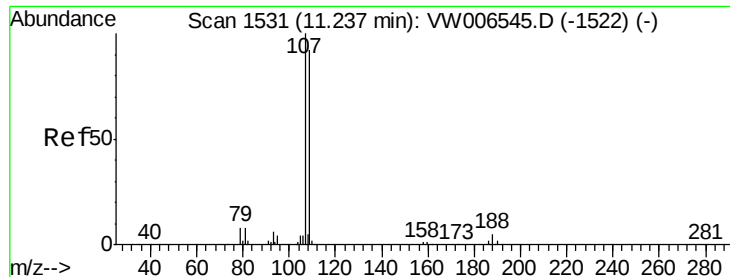
Tgt Ion: 43 Resp: 82440
Ion Ratio Lower Upper
43 100
58 56.3 28.8 86.4



#60
Dibromochloromethane
Concen: 20.289 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 129 Resp: 40180
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.742 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

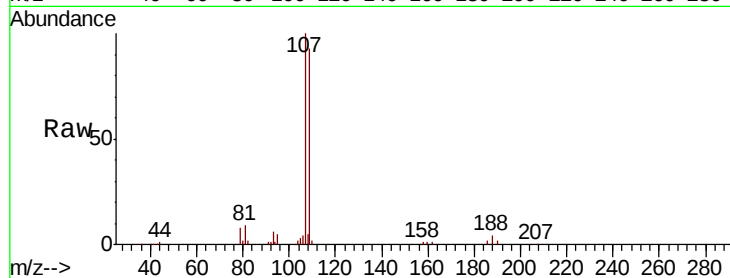
VW110318SBS01

Tgt Ion: 107 Resp: 34429

Ion Ratio Lower Upper

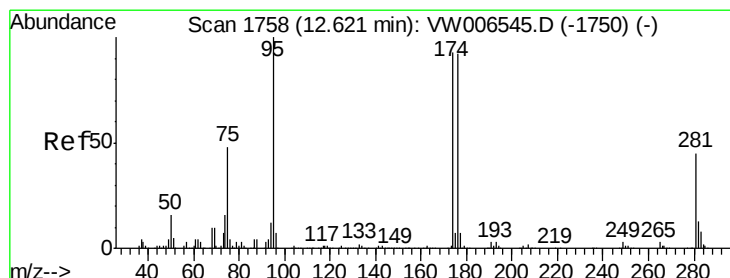
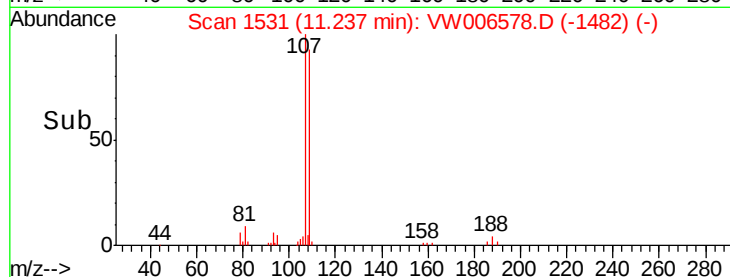
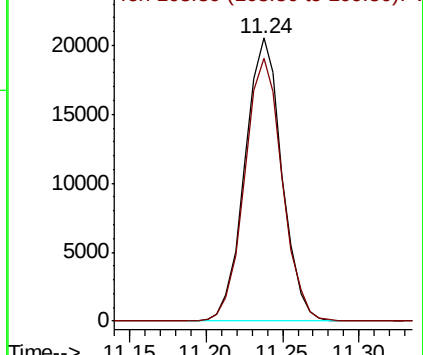
107 100

109 94.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.270 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

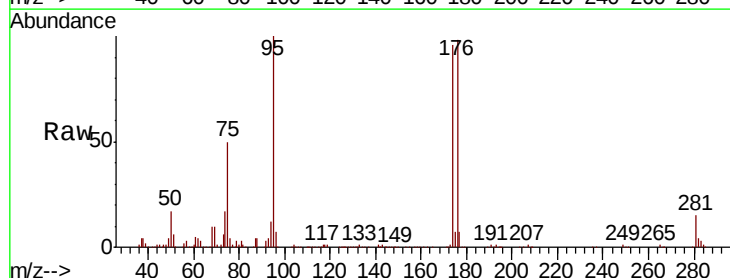
Tgt Ion: 95 Resp: 150106

Ion Ratio Lower Upper

95 100

174 99.0 0.0 192.4

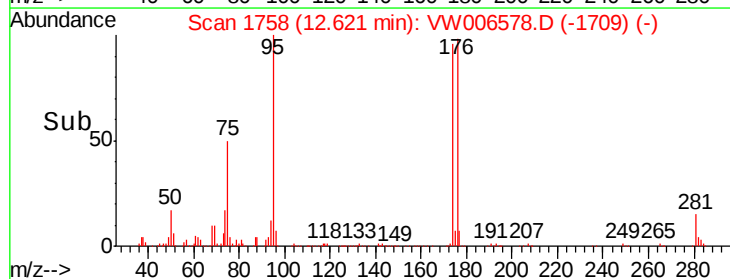
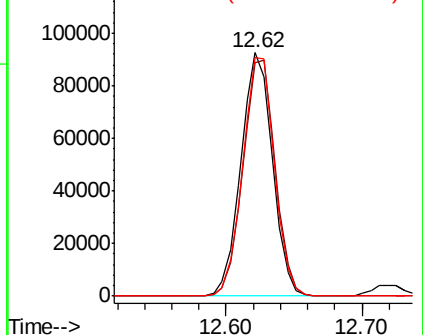
176 98.8 0.0 187.4

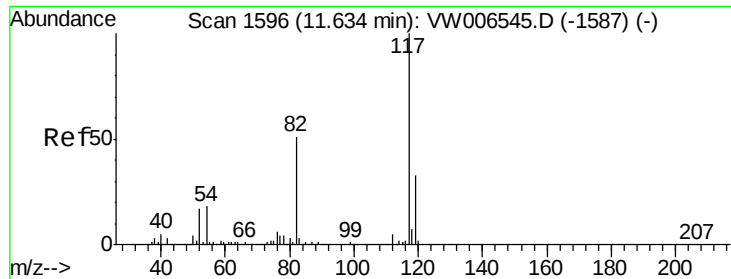


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

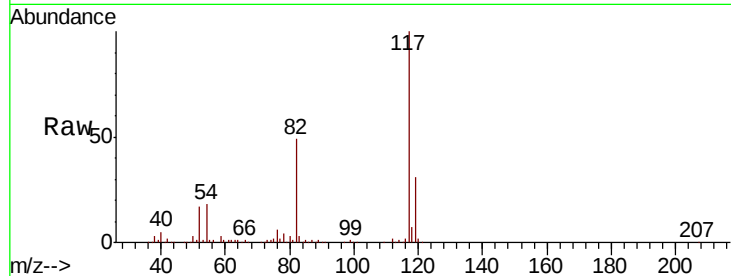
Tgt Ion:117 Resp: 318491

Ion Ratio Lower Upper

117 100

82 48.9 40.8 61.2

119 30.6 26.1 39.1

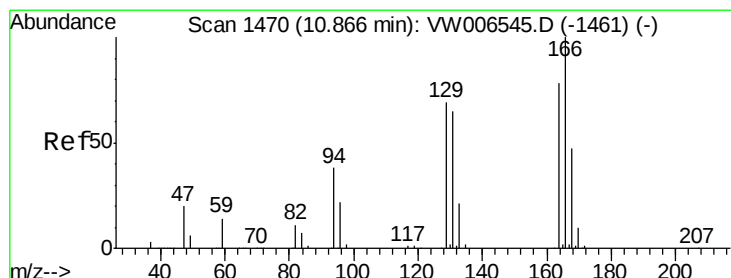
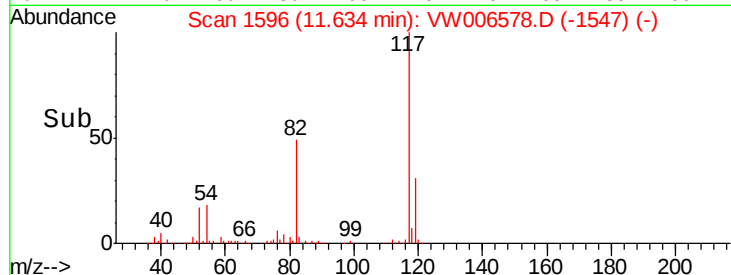
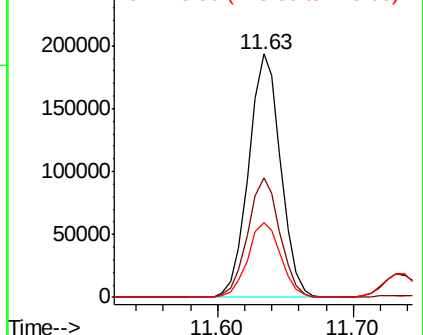


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.428 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:164 Resp: 51864

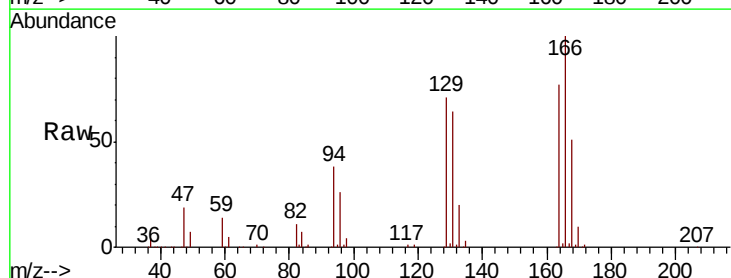
Ion Ratio Lower Upper

164 100

166 130.2 102.8 154.2

129 92.5 70.9 106.3

131 83.9 67.0 100.6



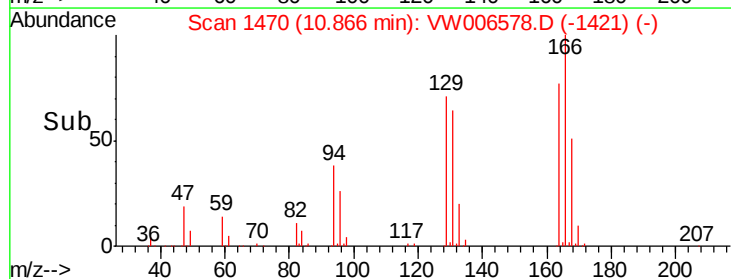
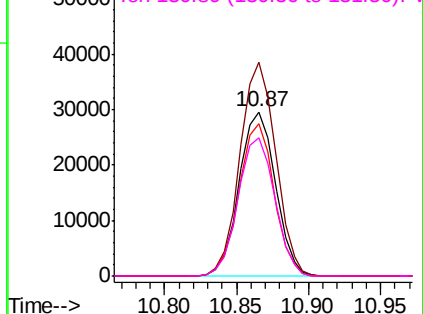
Abundance

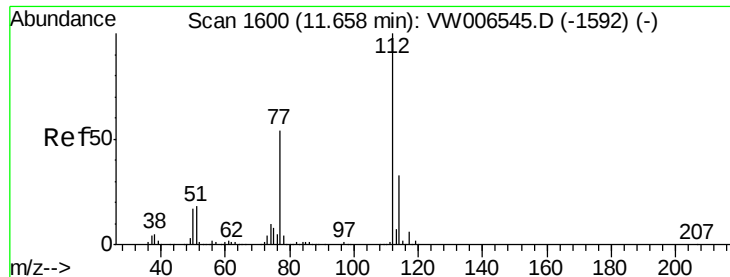
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

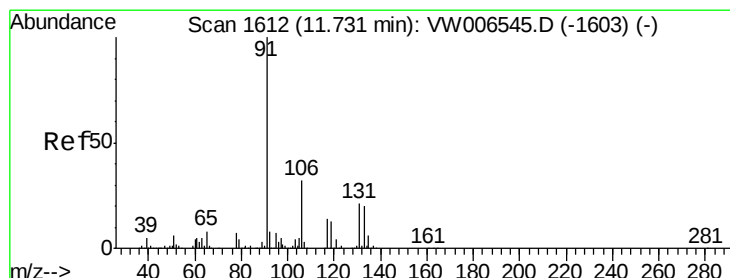
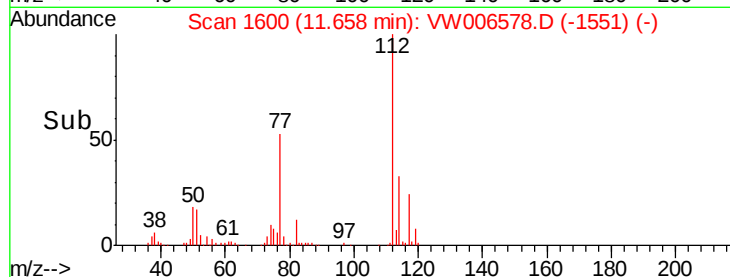
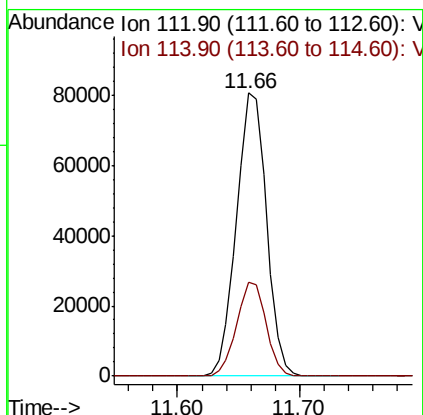
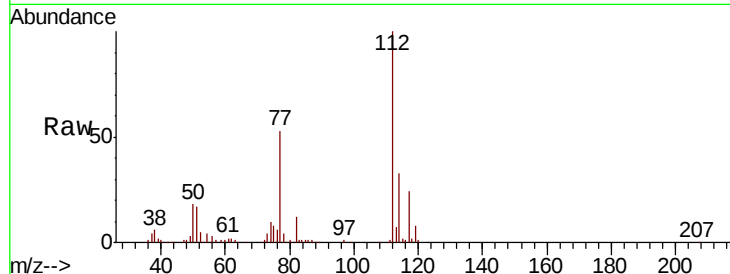




#65
Chlorobenzene
Concen: 20.486 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

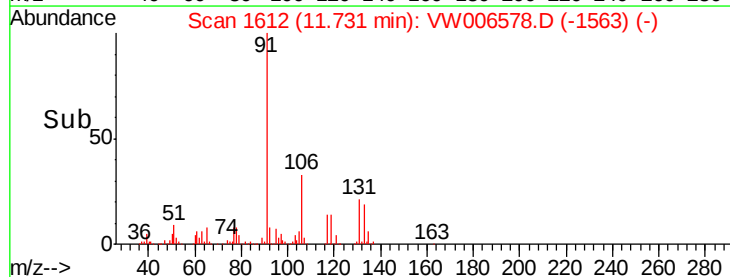
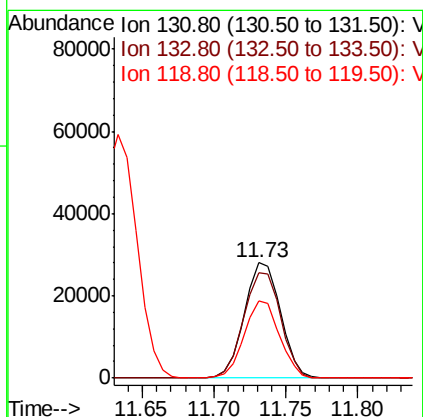
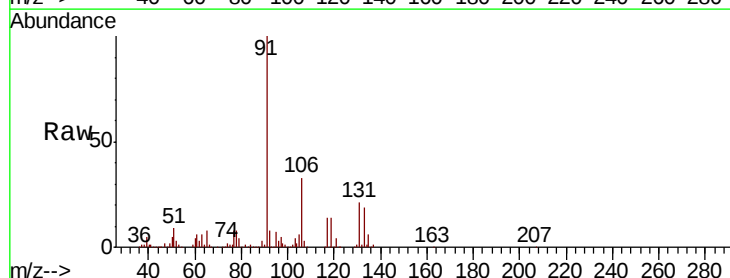
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

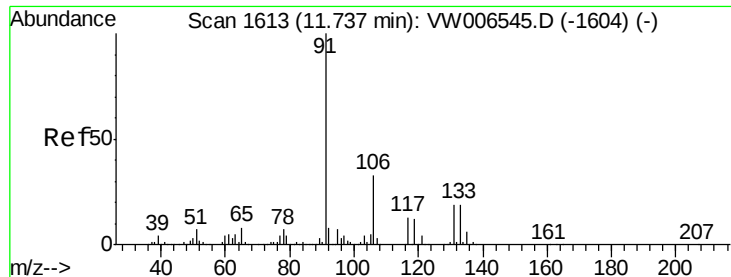
Tgt Ion:112 Resp: 137298
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.680 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion:131 Resp: 48714
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 65.6 31.9 95.5

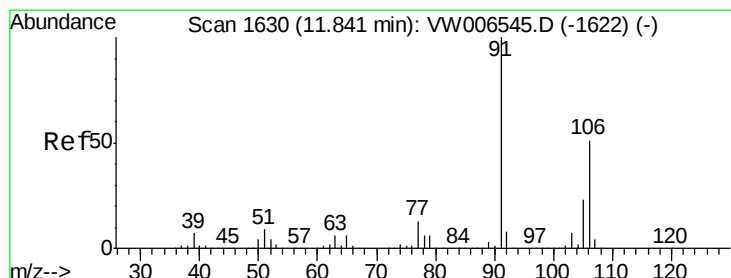
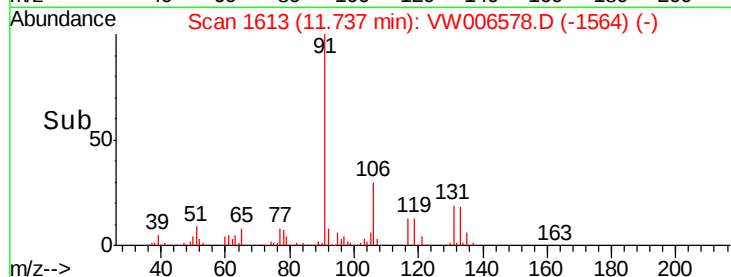
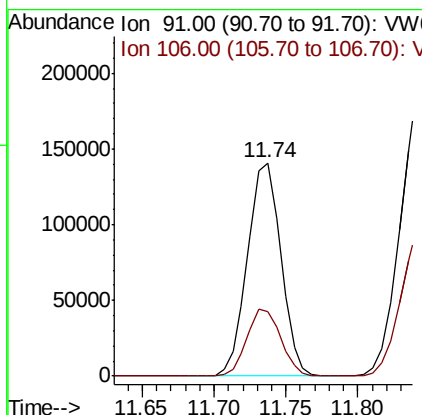
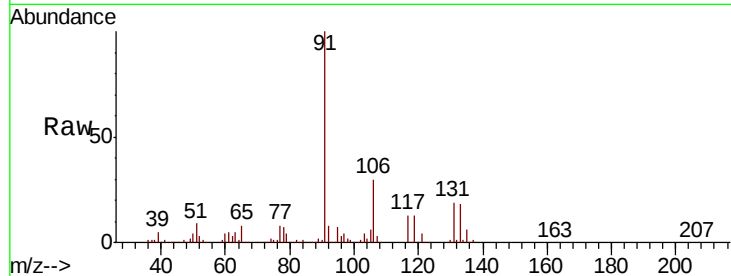




#67
Ethyl Benzene
Concen: 20.243 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

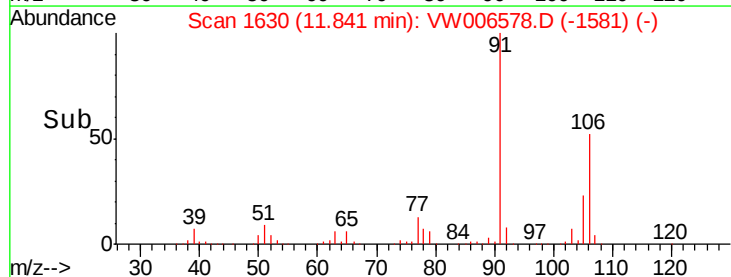
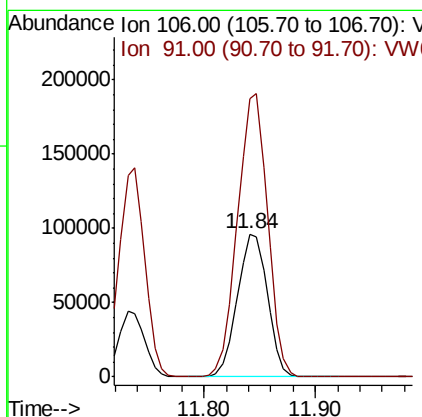
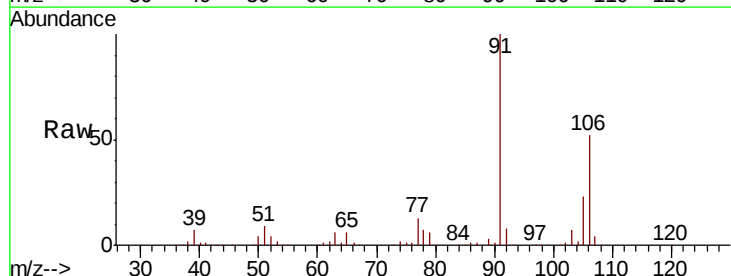
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

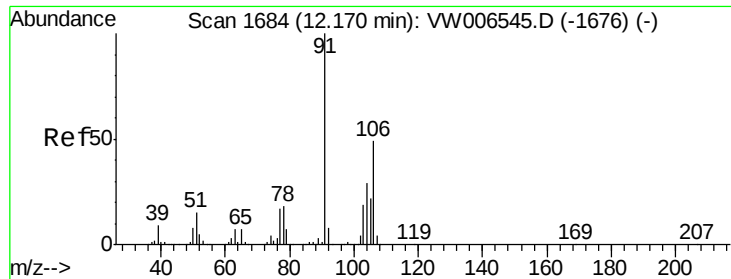
Tgt Ion: 91 Resp: 226760
Ion Ratio Lower Upper
91 100
106 30.5 26.3 39.5



#68
m/p-Xylenes
Concen: 40.330 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 106 Resp: 180497
Ion Ratio Lower Upper
106 100
91 197.7 156.7 235.1

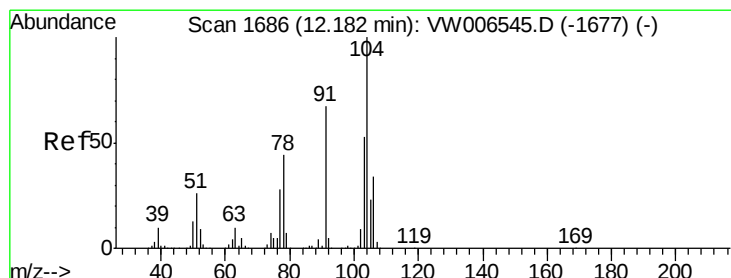
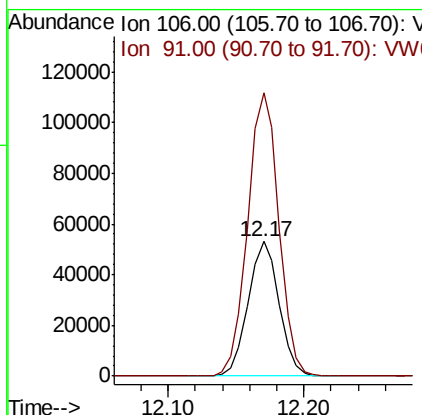
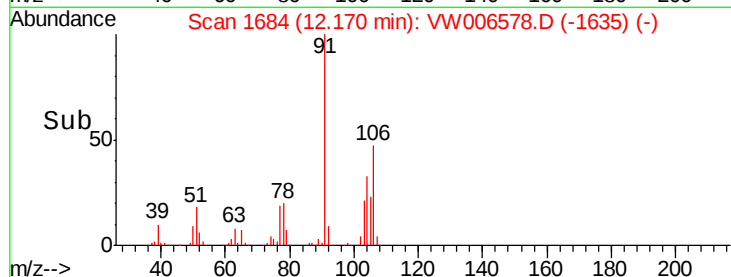
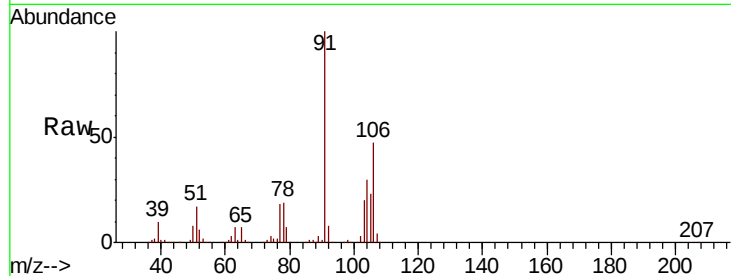




#69
o-Xylene
Concen: 19.933 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

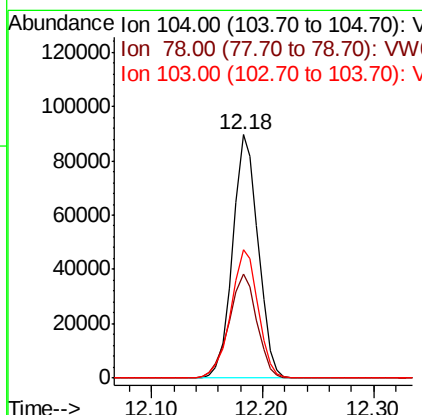
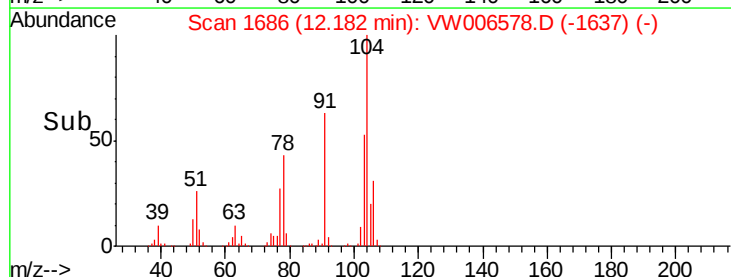
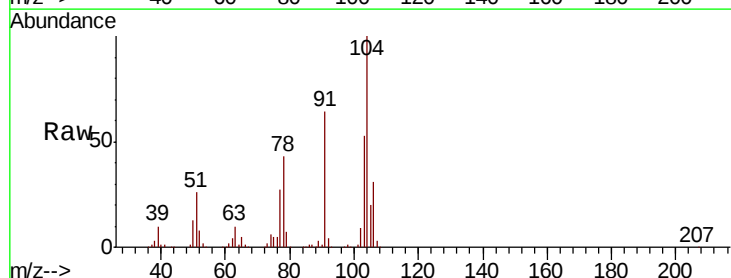
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

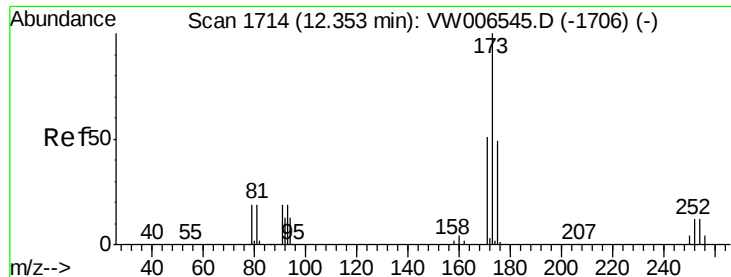
Tgt Ion:106 Resp: 84931
Ion Ratio Lower Upper
106 100
91 210.8 102.8 308.4



#70
Styrene
Concen: 20.410 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion:104 Resp: 141779
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 56.4 44.2 66.2





#71

Bromoform

Concen: 20.113 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

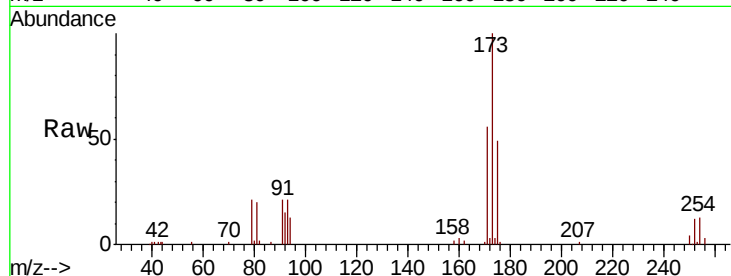
Tgt Ion:173 Resp: 25115

Ion Ratio Lower Upper

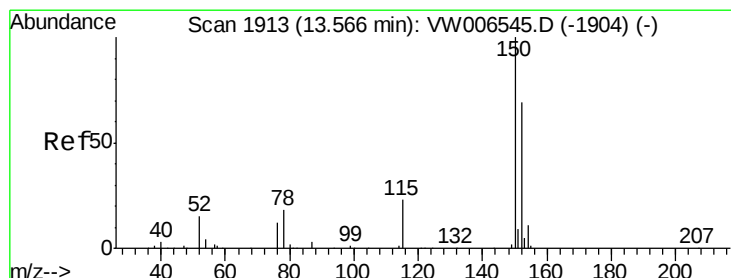
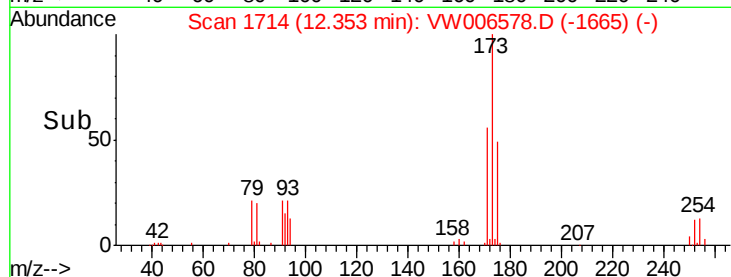
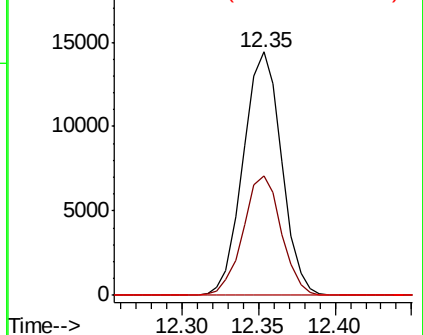
173 100

175 48.9 24.1 72.4

254 0.0 0.1 0.1#



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: VW006578.D

Acq: 02 Nov 2018 01:09

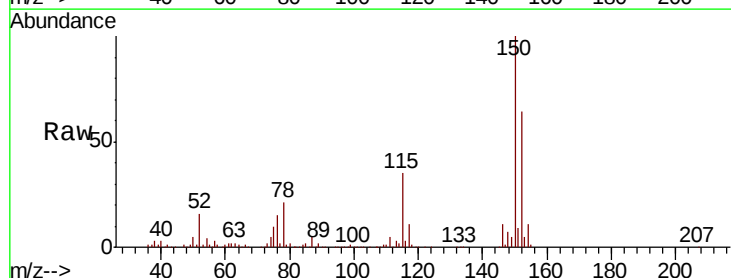
Tgt Ion:152 Resp: 179567

Ion Ratio Lower Upper

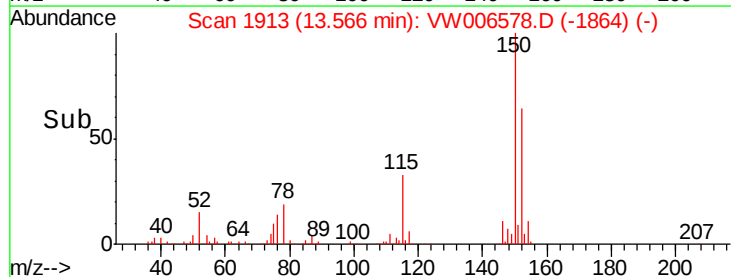
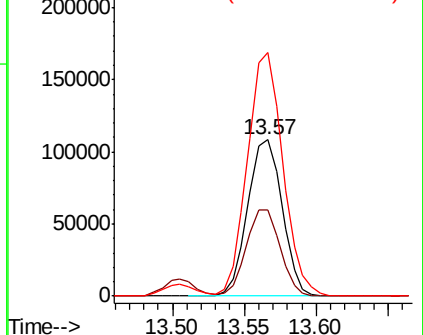
152 100

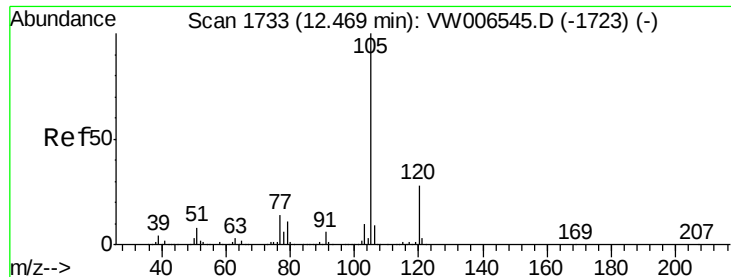
115 54.6 26.6 79.8

150 160.2 0.0 344.6



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: 19.804 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

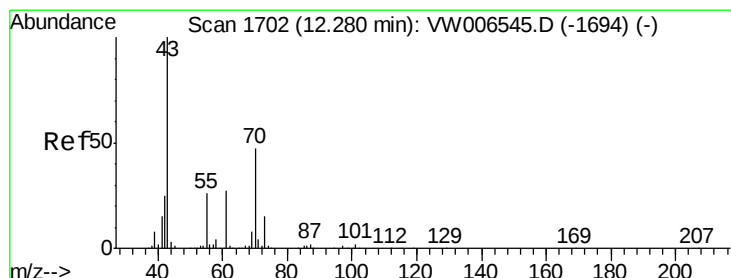
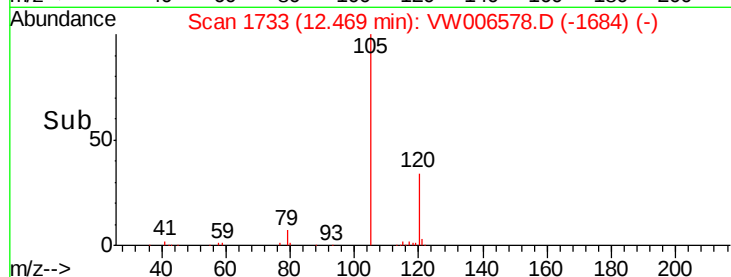
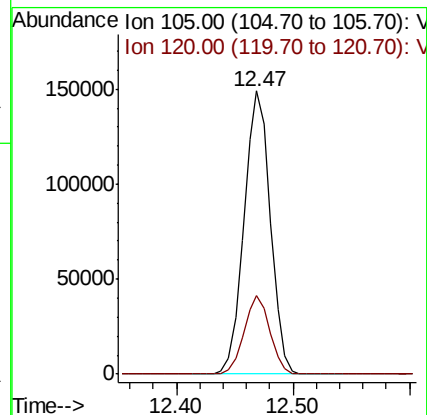
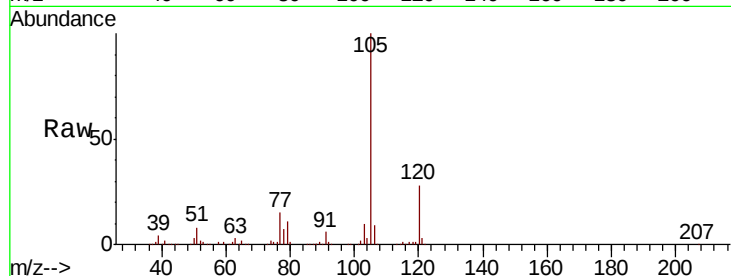
VW110318SBSD01

Tgt Ion: 105 Resp: 234257

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 21.018 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion: 43 Resp: 42963

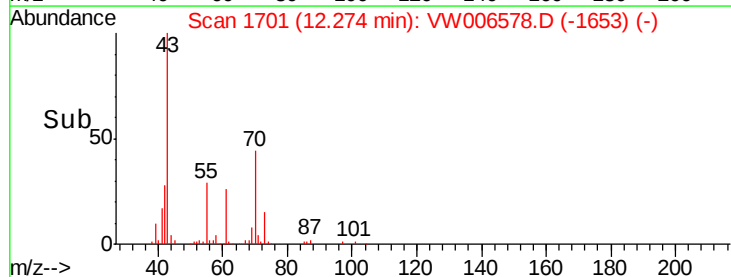
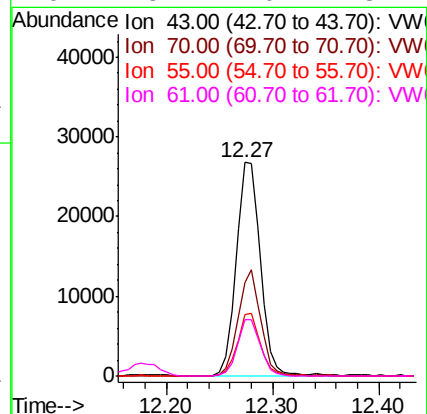
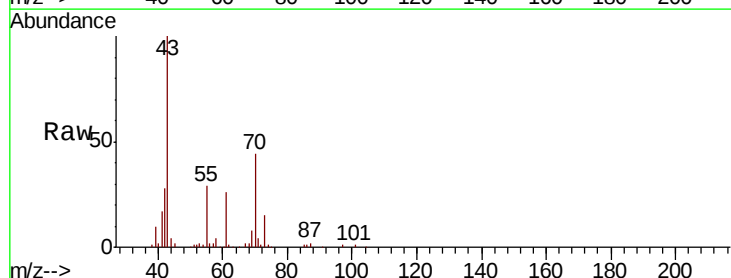
Ion Ratio Lower Upper

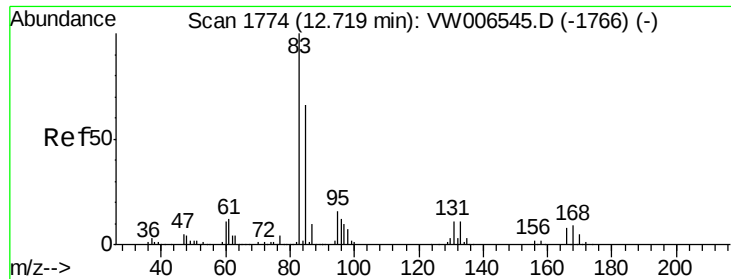
43 100

70 46.2 36.9 55.3

55 28.0 20.7 31.1

61 25.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.318 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

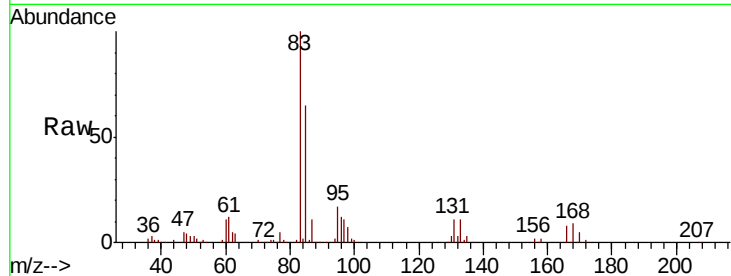
MSVOA_W

ClientSampleId :

VW110318SBS01

Tgt Ion: 83 Resp: 39829

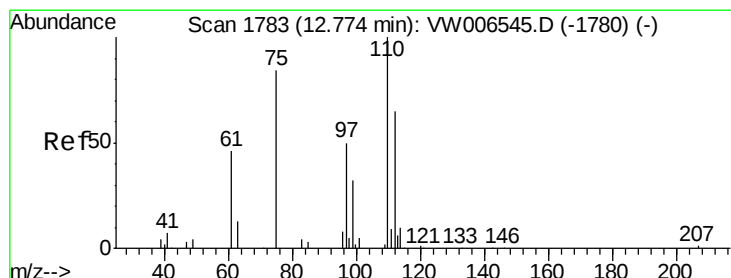
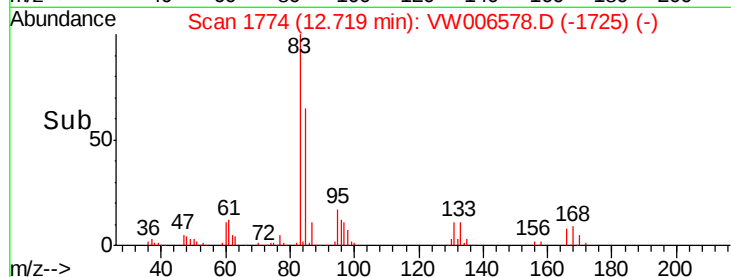
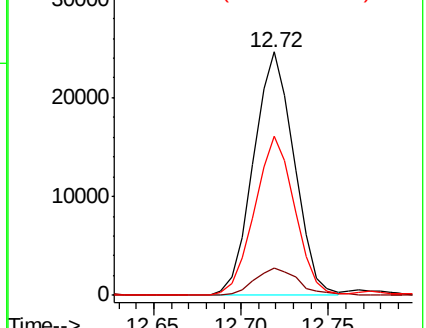
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.9	17.7
85	64.6	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.717 ug/l

RT: 12.77 min Scan# 1783

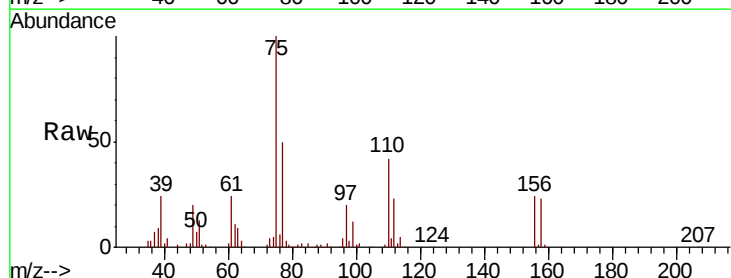
Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

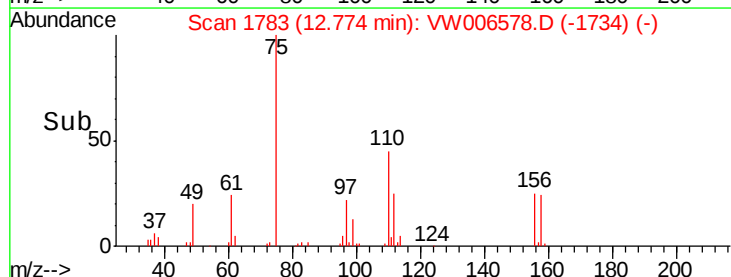
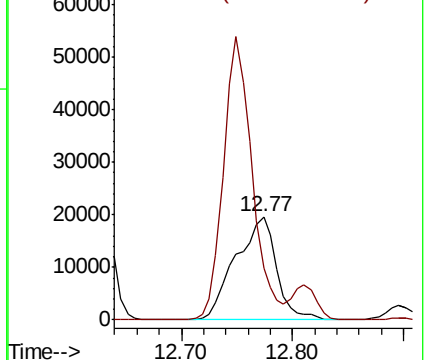
Tgt Ion: 75 Resp: 50041

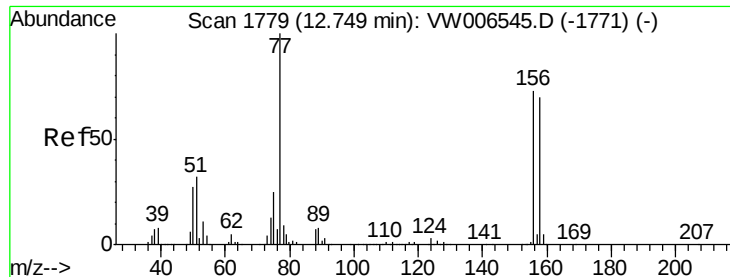
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.692 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBSD01

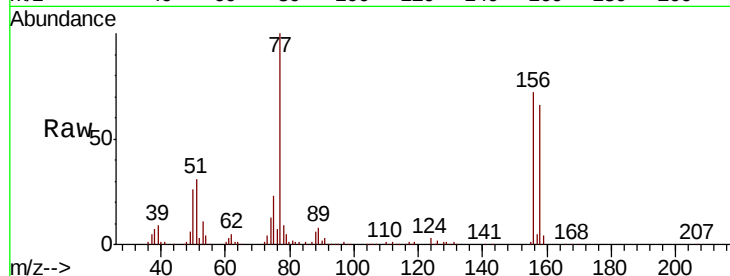
Tgt Ion:156 Resp: 63372

Ion Ratio Lower Upper

156 100

77 152.4 75.9 227.8

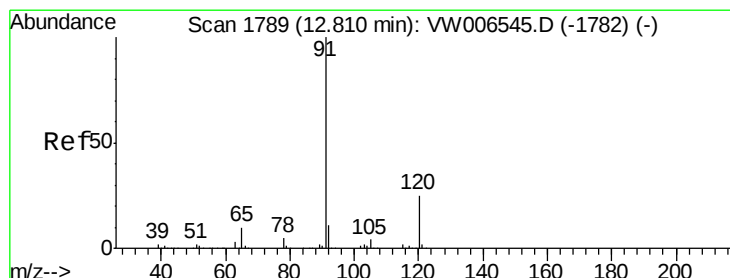
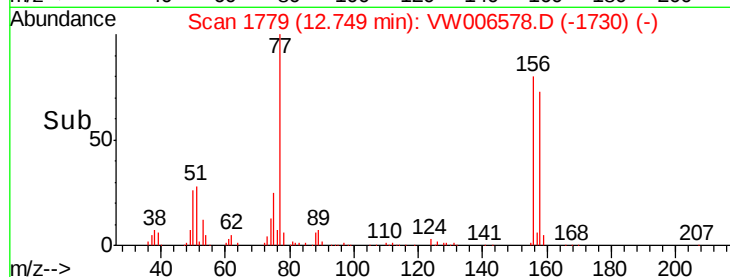
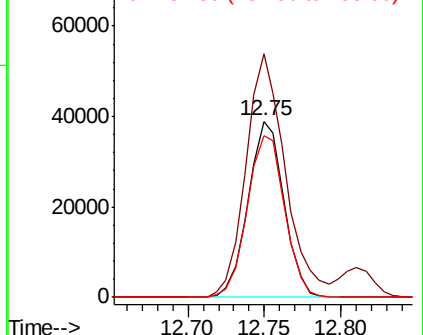
158 95.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.529 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006578.D

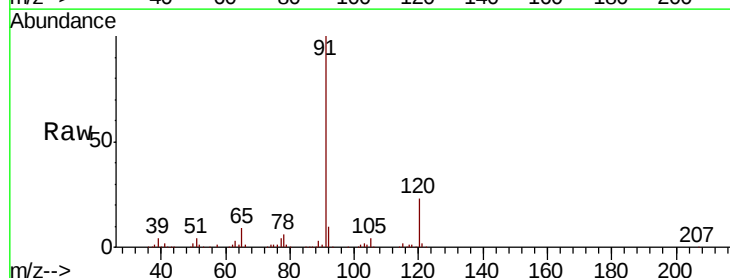
Acq: 02 Nov 2018 01:09

Tgt Ion: 91 Resp: 279322

Ion Ratio Lower Upper

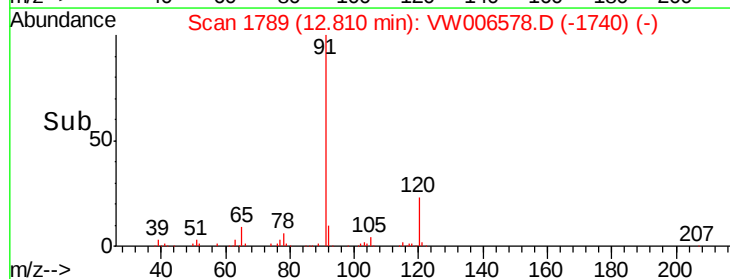
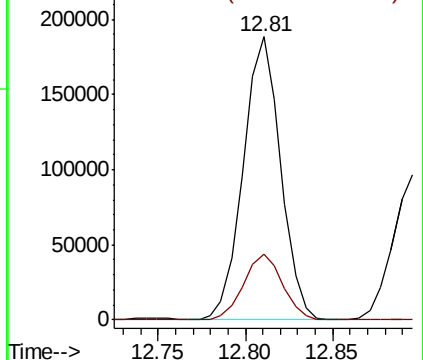
91 100

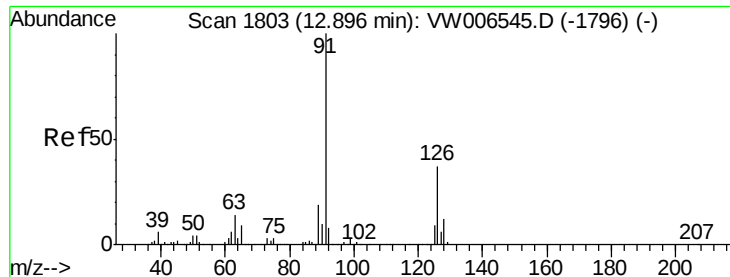
120 24.0 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.896 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

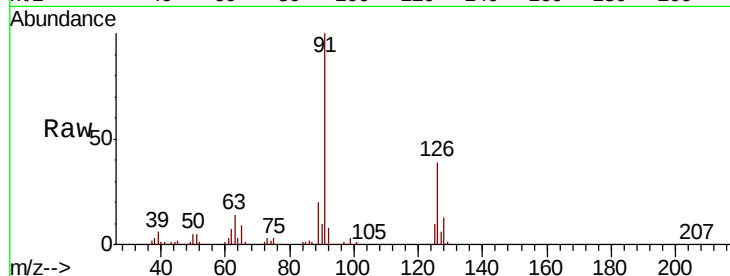
VW110318SBSD01

Tgt Ion: 91 Resp: 155360

Ion Ratio Lower Upper

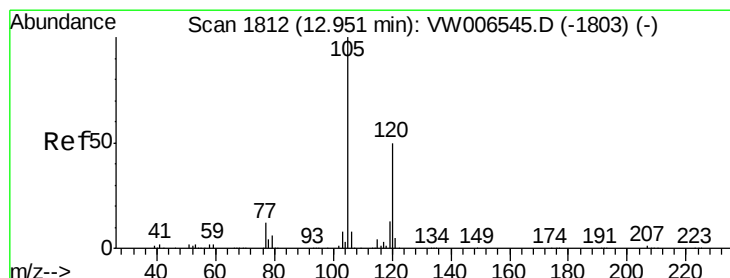
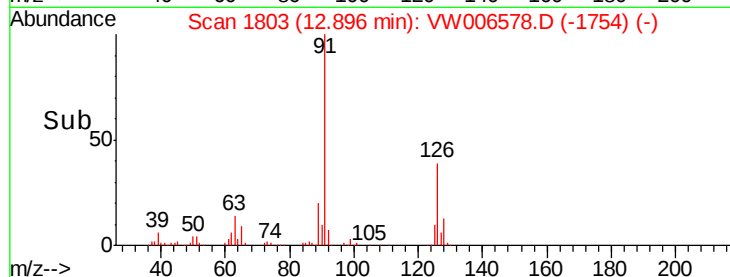
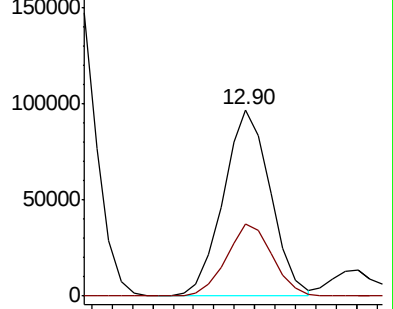
91 100

126 37.9 18.5 55.5



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: 20.026 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006578.D

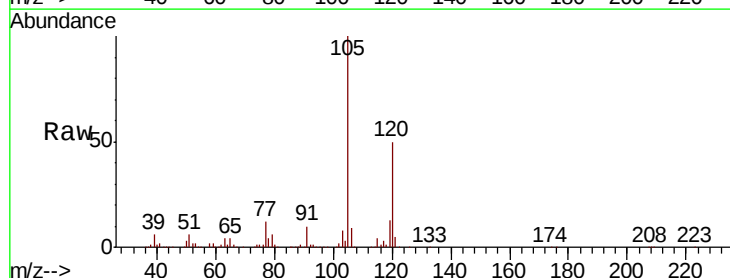
Acq: 02 Nov 2018 01:09

Tgt Ion: 105 Resp: 199017

Ion Ratio Lower Upper

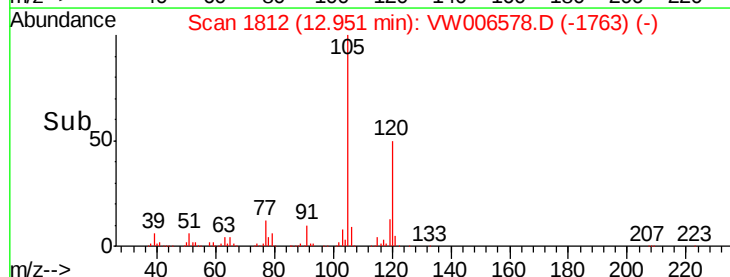
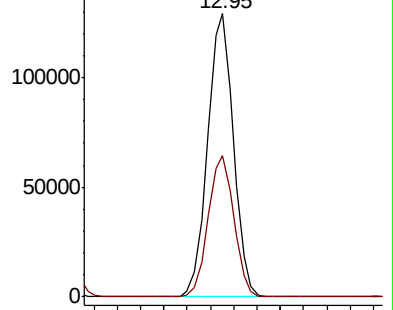
105 100

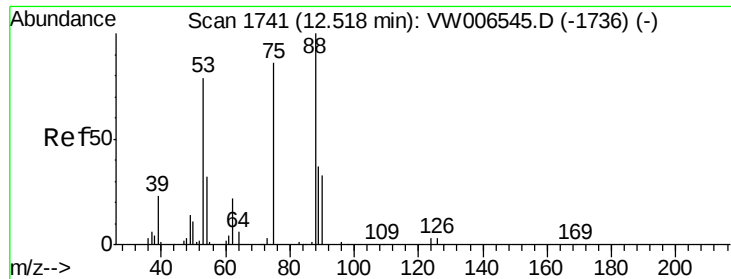
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

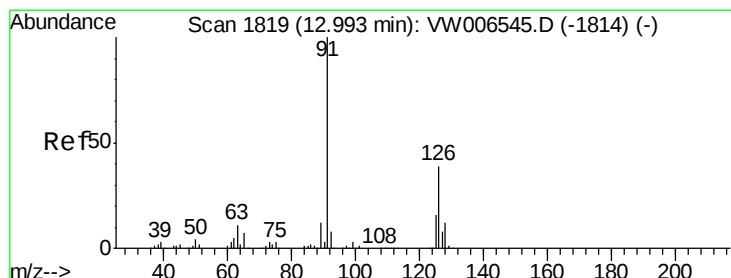
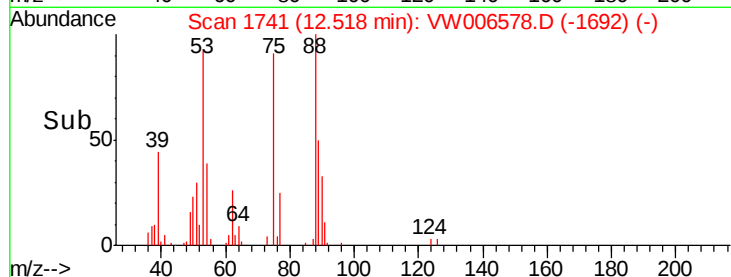
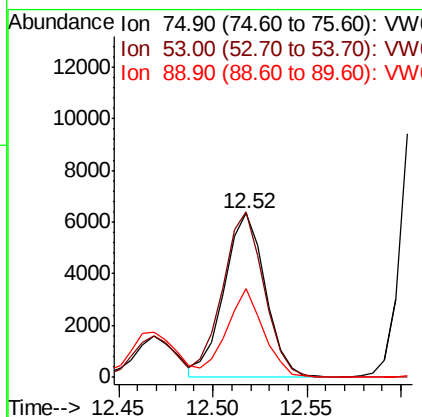
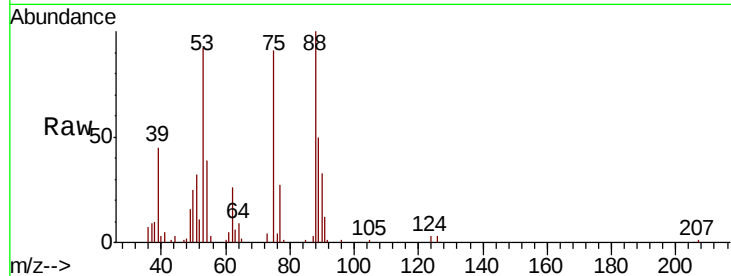




#81
trans-1,4-Dichloro-2-butene
Concen: 19.497 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

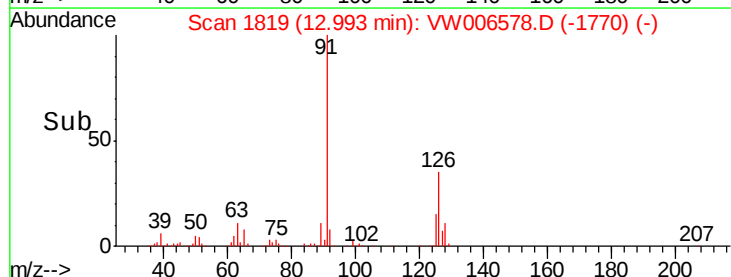
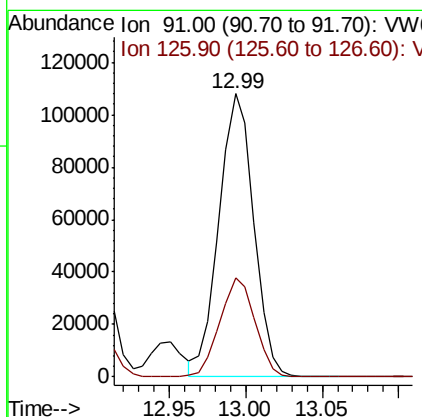
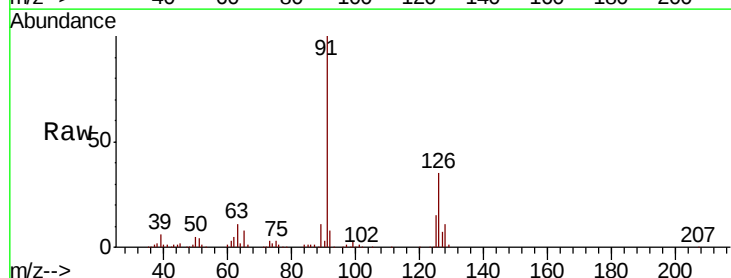
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

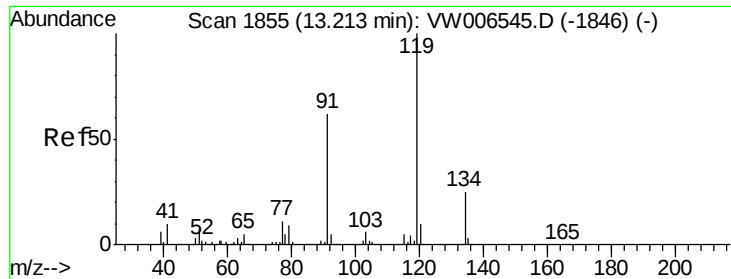
Tgt Ion: 75 Resp: 9620
Ion Ratio Lower Upper
75 100
53 101.3 77.2 115.8
89 48.5 38.6 58.0



#82
4-Chlorotoluene
Concen: 20.643 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 91 Resp: 170533
Ion Ratio Lower Upper
91 100
126 35.3 18.5 55.5

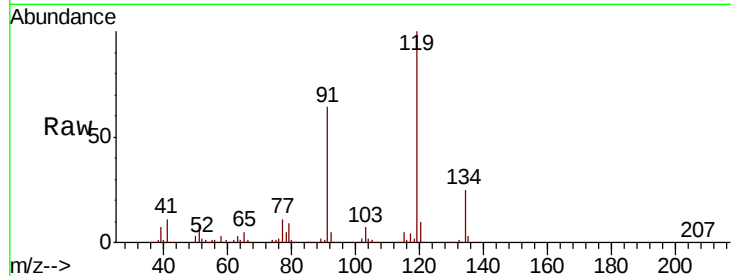




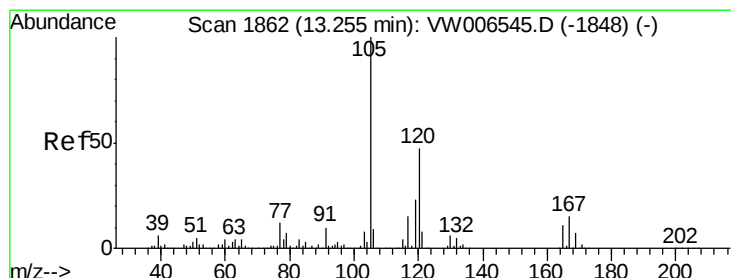
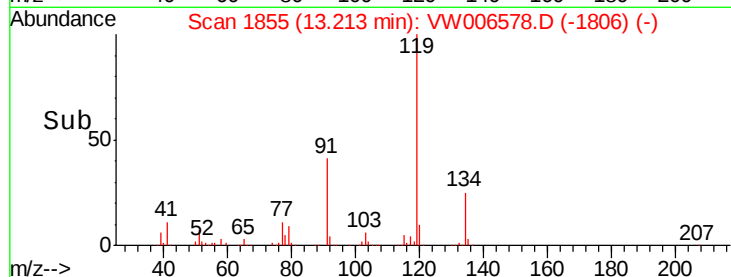
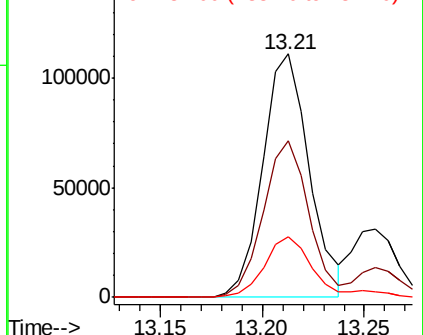
#83
tert-Butylbenzene
Concen: 19.917 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion:119 Resp: 176513
Ion Ratio Lower Upper
119 100
91 62.7 30.4 91.3
134 26.6 13.5 40.4

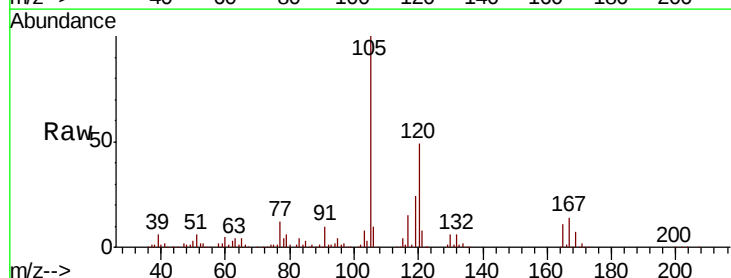


Abundance Ion 119.00 (118.70 to 119.70): V
150000 Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

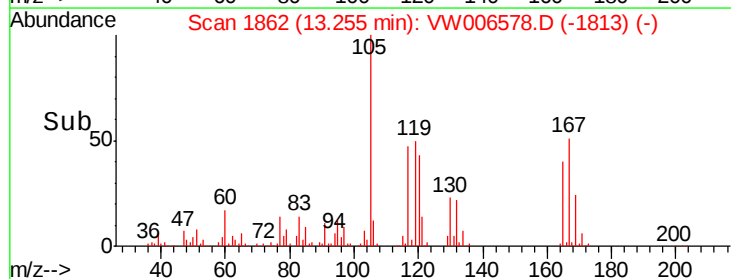
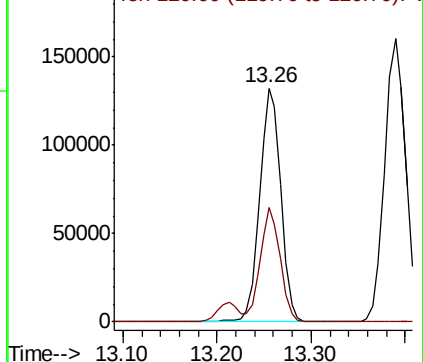


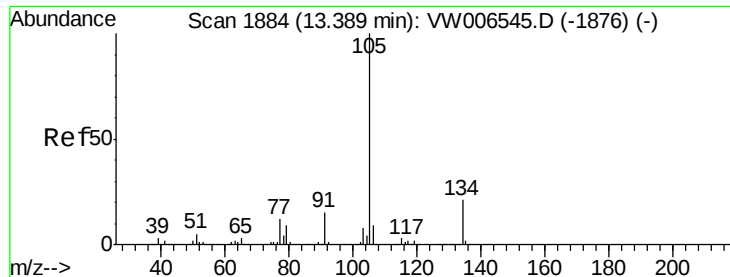
#84
1,2,4-Trimethylbenzene
Concen: 20.495 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion:105 Resp: 208911
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
150000 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.018 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

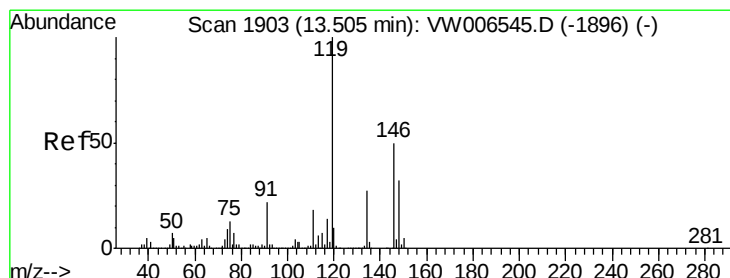
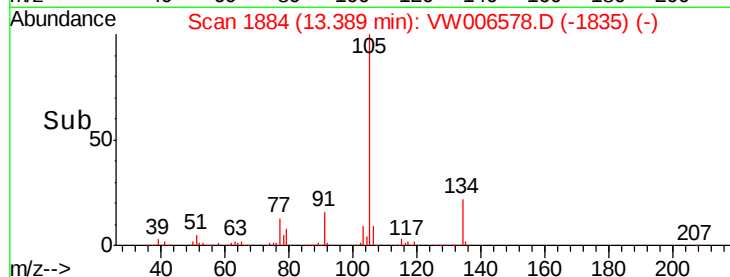
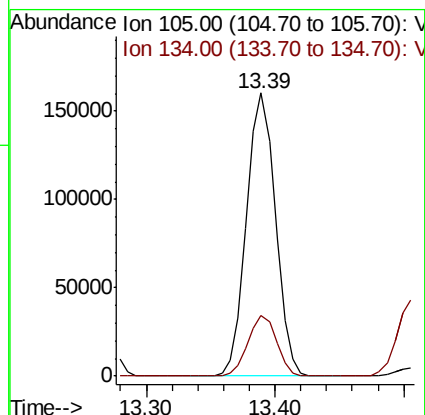
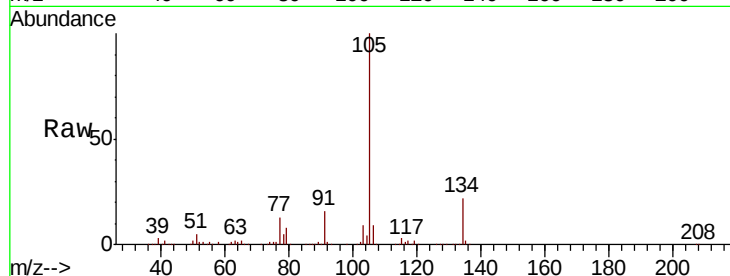
VW110318SBSD01

Tgt Ion:105 Resp: 248472

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.515 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

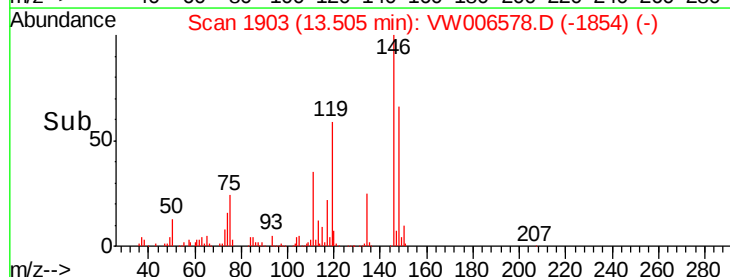
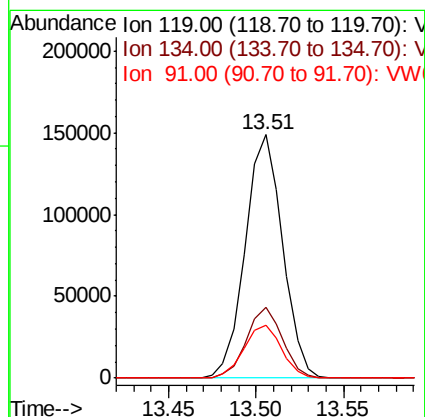
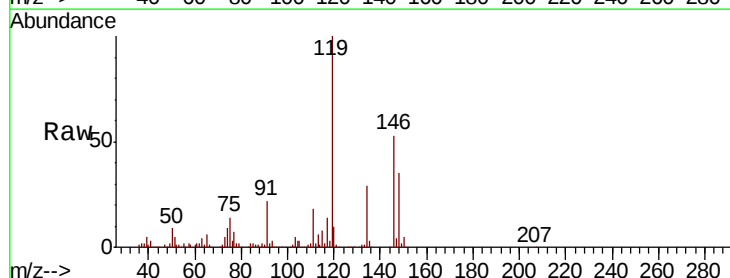
Tgt Ion:119 Resp: 220400

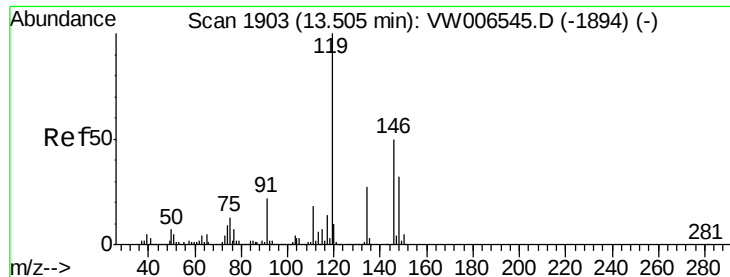
Ion Ratio Lower Upper

119 100

134 27.9 13.6 40.7

91 22.0 10.9 32.6

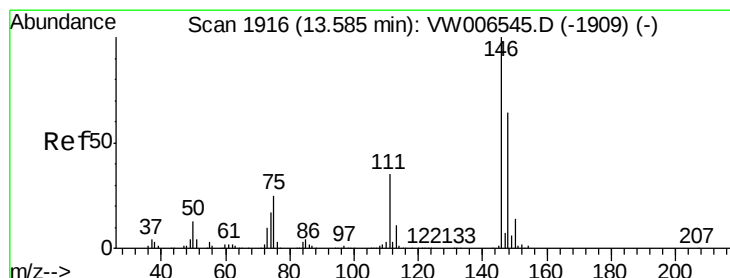
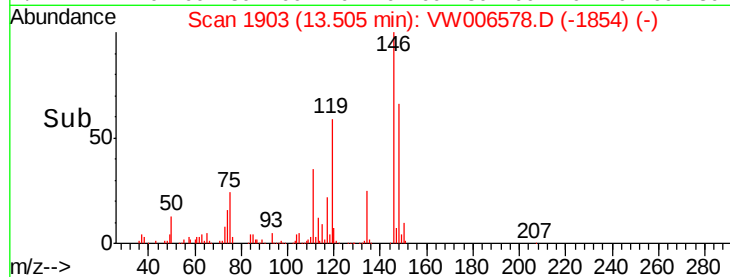
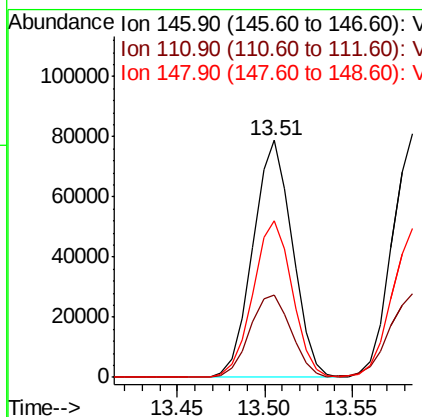
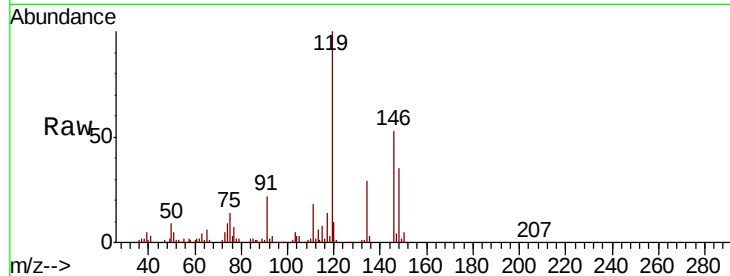




#87
 1,3-Dichlorobenzene
 Concen: 20.488 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

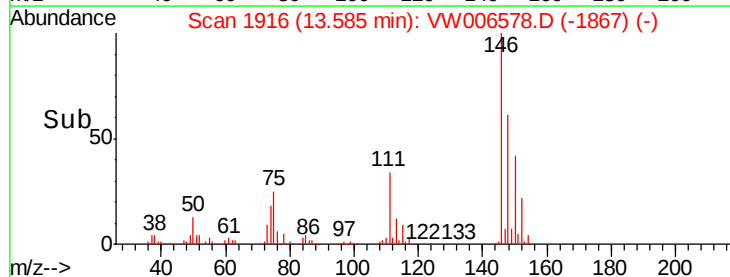
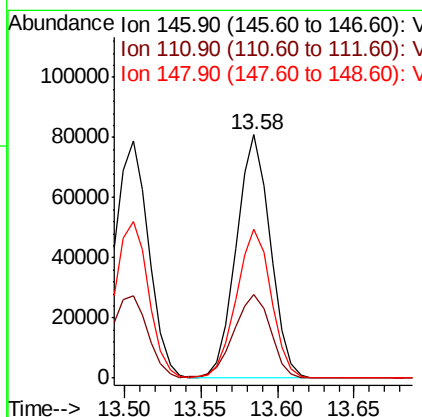
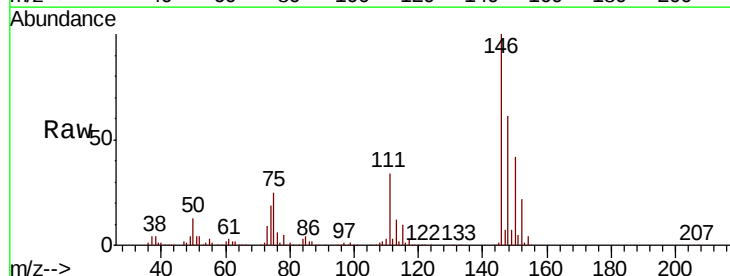
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBSD01

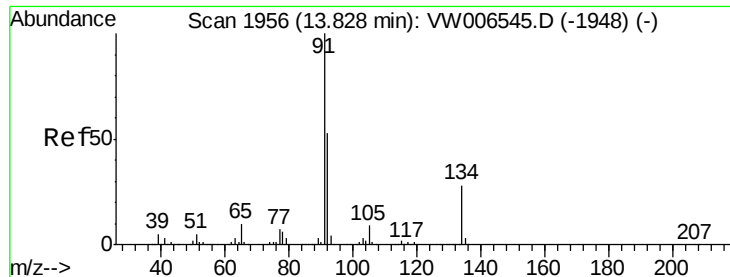
Tgt Ion:146 Resp: 123575
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.6
 148 65.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion:146 Resp: 124804
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.9 53.7
 148 62.7 32.1 96.5





#89

n-Butylbenzene

Concen: 19.805 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBSD01

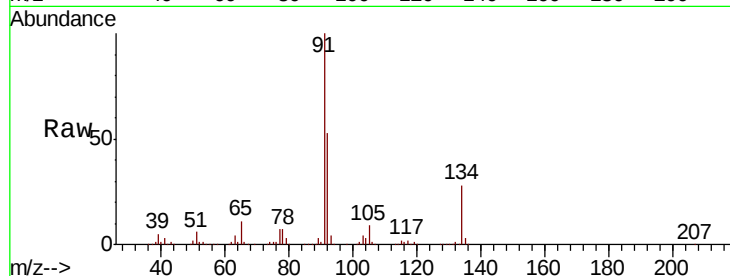
Tgt Ion: 91 Resp: 198558

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

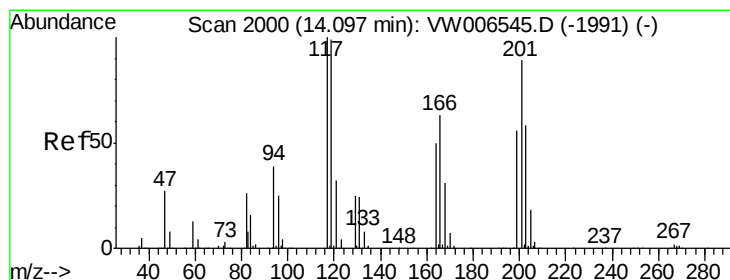
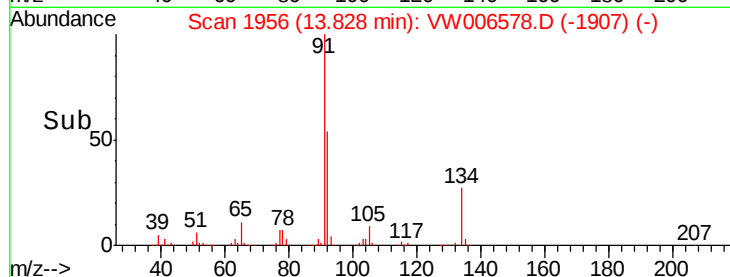
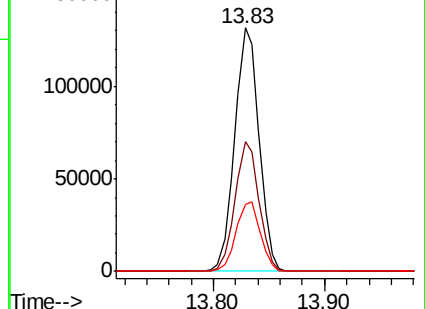
134 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.530 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006578.D

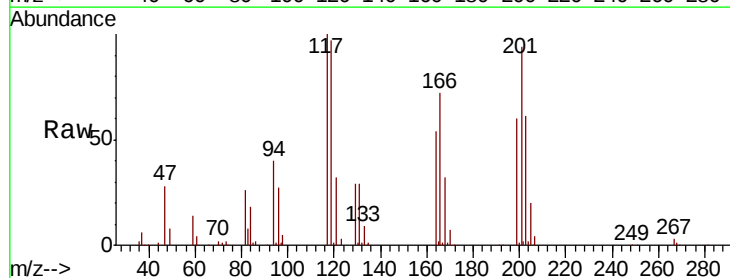
Acq: 02 Nov 2018 01:09

Tgt Ion: 117 Resp: 38108

Ion Ratio Lower Upper

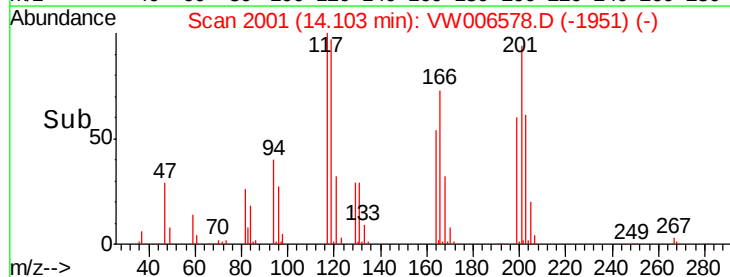
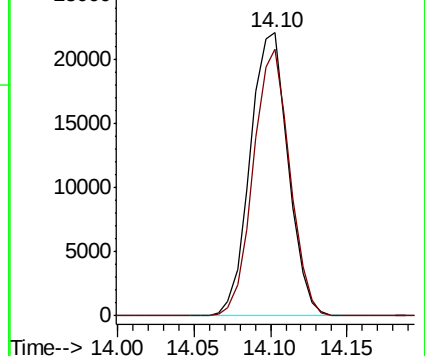
117 100

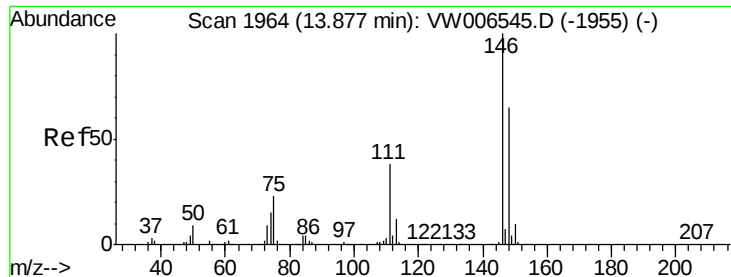
201 90.3 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

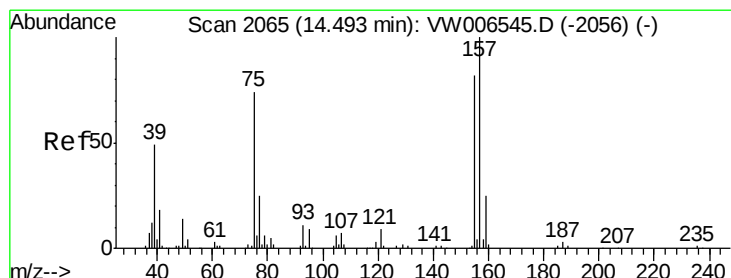
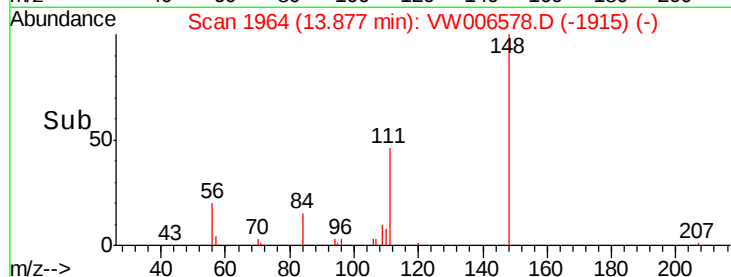
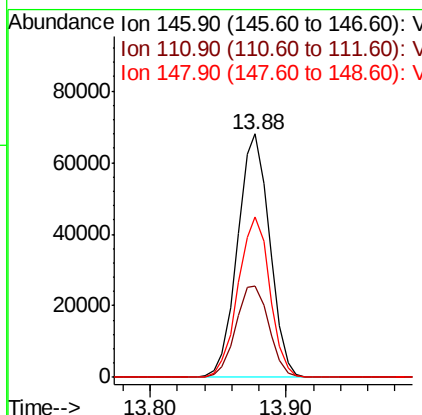
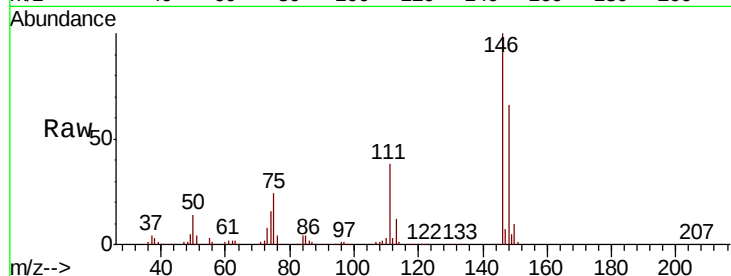




#91
 1,2-Dichlorobenzene
 Concen: 20.624 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

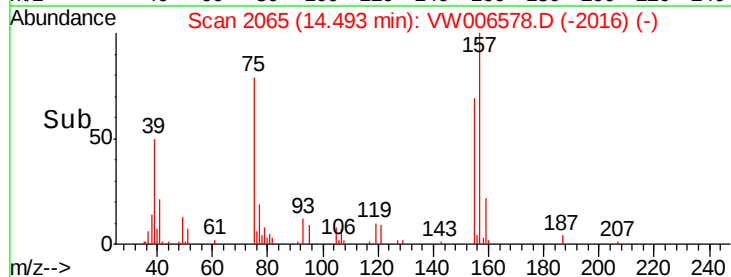
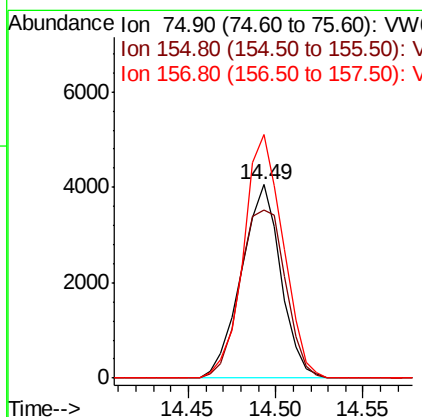
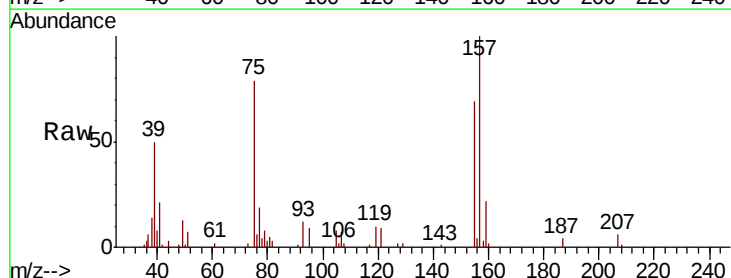
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

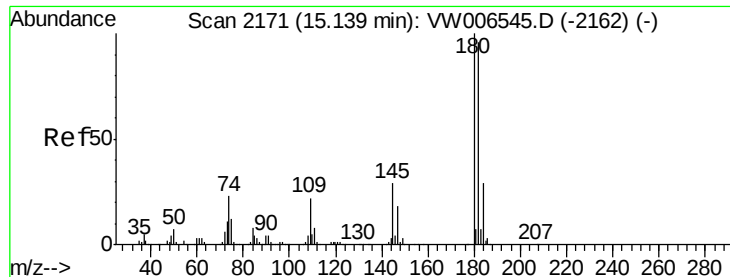
Tgt Ion:146 Resp: 111894
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 65.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.032 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 75 Resp: 6376
 Ion Ratio Lower Upper
 75 100
 155 100.0 50.6 151.8
 157 125.4 65.0 195.0

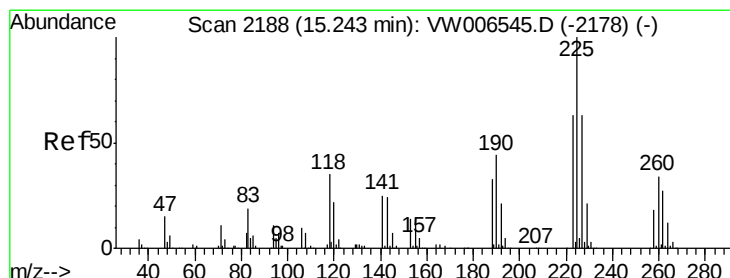
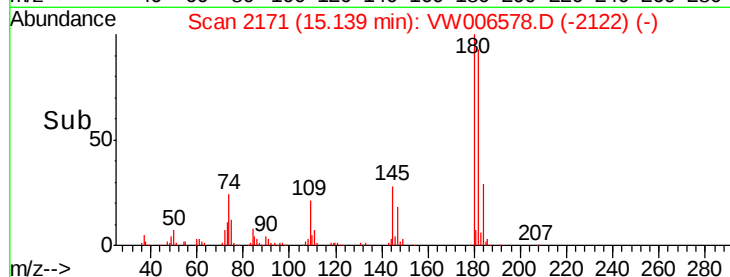
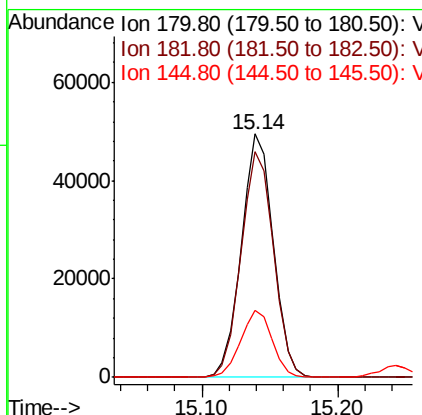
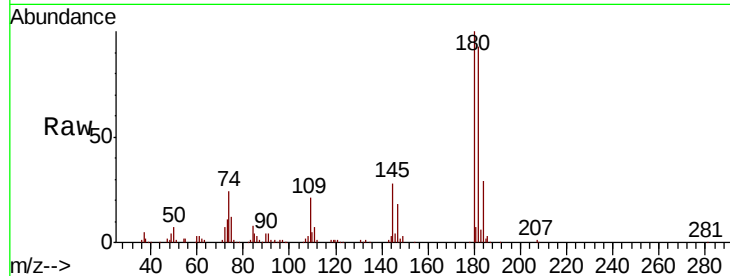




#93
 1,2,4-Trichlorobenzene
 Concen: 20.085 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

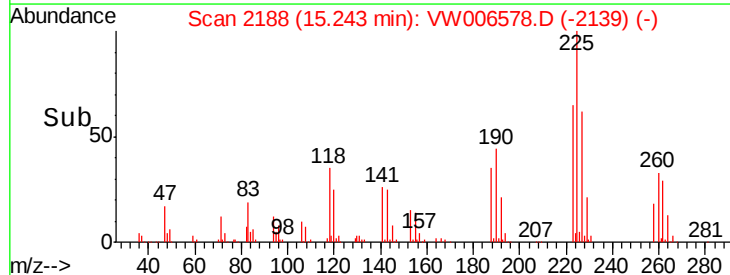
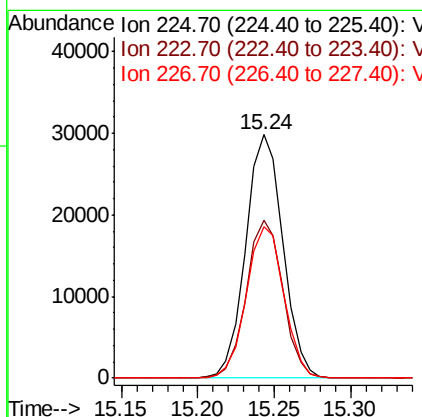
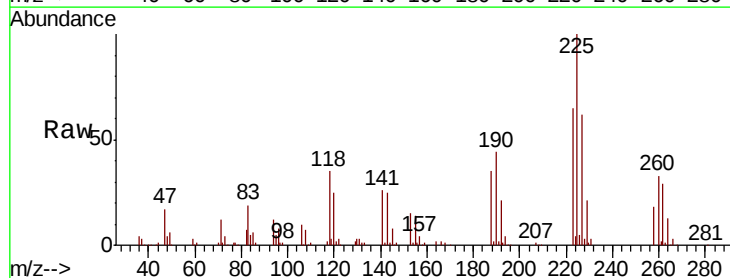
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

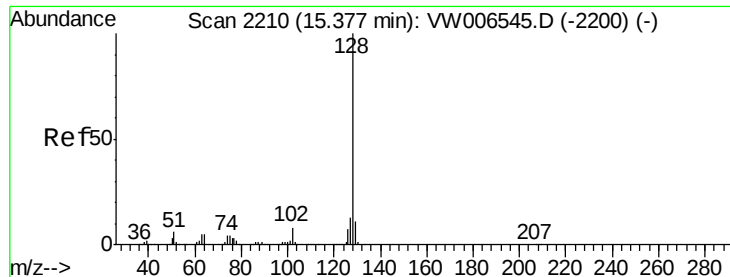
Tgt Ion:180 Resp: 81026
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.6
 145 27.3 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 20.062 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion:225 Resp: 50443
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.4 94.2
 227 62.8 32.2 96.6

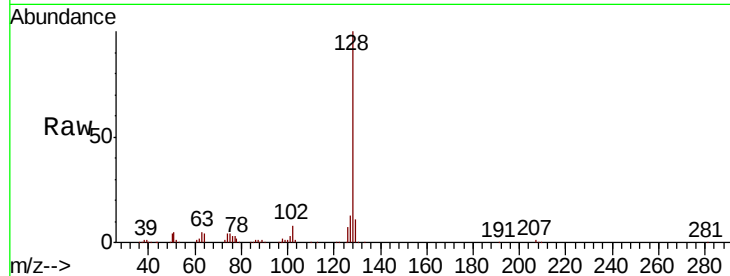




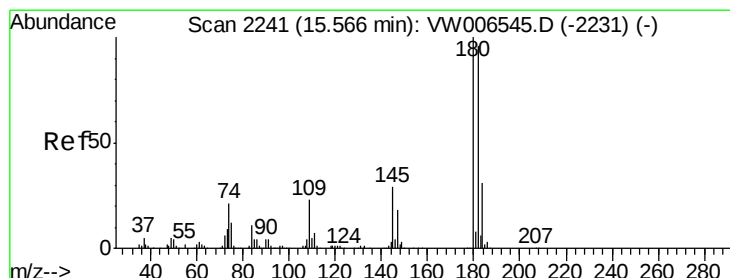
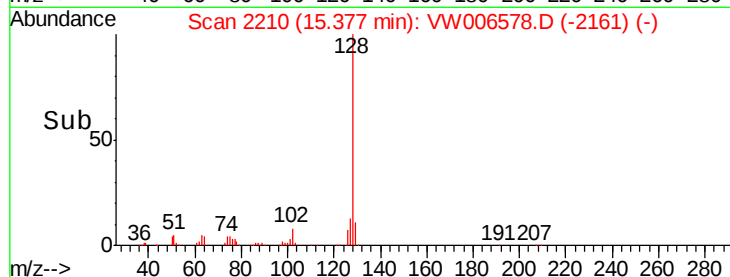
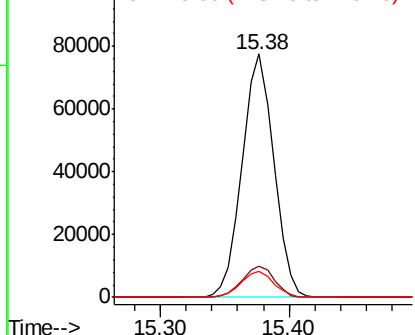
#95
Naphthalene
Concen: 20.382 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion:128 Resp: 132151
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1

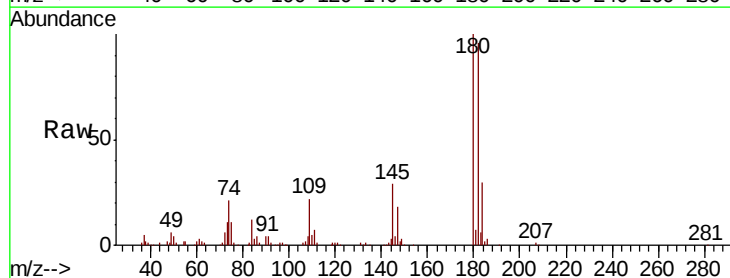


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.415 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion:180 Resp: 72384
Ion Ratio Lower Upper
180 100
182 97.8 48.2 144.6
145 30.1 14.9 44.5



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

