

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006930.D
 Acq On : 16 Nov 2018 23:19
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 17 01:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	183004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	88039	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	12302	13.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.28%	
35) Dibromofluoromethane	7.88	113	9953	9.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.04%	
50) Toluene-d8	10.33	98	45722	9.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.88%	
62) 4-Bromofluorobenzene	12.62	95	18101	10.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	12485	13.127	ug/l	96
3) Chloromethane	2.21	50	10686	10.346	ug/l	98
4) Vinyl Chloride	2.36	62	9766	9.001	ug/l	100
5) Bromomethane	2.78	94	5637	7.961	ug/l	94
6) Chloroethane	2.92	64	5481	7.900	ug/l	96
7) Trichlorofluoromethane	3.27	101	18135	11.873	ug/l	99
8) Diethyl Ether	3.69	74	6262	13.388	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11749	11.418	ug/l	97
10) Methyl Iodide	4.28	142	10474	7.497	ug/l	99
11) Tert butyl alcohol	5.20	59	1274	21.582	ug/l #	71
12) 1,1-Dichloroethene	4.05	96	10212	11.626	ug/l	94
13) Acrolein	3.91	56	4403	71.401	ug/l	98
14) Allyl chloride	4.68	41	17364	14.110	ug/l	97
15) Acrylonitrile	5.38	53	12076	67.679	ug/l	98
16) Acetone	4.14	43	9589	73.673	ug/l	92
17) Carbon Disulfide	4.39	76	31511	11.345	ug/l	98
18) Methyl Acetate	4.69	43	6306	14.114	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	29522	13.571	ug/l	96
20) Methylene Chloride	4.92	84	16729	12.321	ug/l #	89
21) trans-1,2-Dichloroethene	5.43	96	12305	11.865	ug/l	99
22) Diisopropyl ether	6.32	45	36393	14.357	ug/l	97
23) Vinyl Acetate	6.26	43	102552	71.843	ug/l	98
24) 1,1-Dichloroethane	6.22	63	20625	12.631	ug/l	99
25) 2-Butanone	7.18	43	15439	70.626	ug/l	97
26) 2,2-Dichloropropane	7.17	77	19353	12.143	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	13520	12.137	ug/l	97
28) Bromochloromethane	7.52	49	8006	13.925	ug/l	98
29) Tetrahydrofuran	7.54	42	10331	73.823	ug/l	97
30) Chloroform	7.68	83	23591	13.328	ug/l	97
31) Cyclohexane	7.96	56	23109	13.983	ug/l #	91
32) 1,1,1-Trichloroethane	7.88	97	20468	12.181	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18114	10.565	ug/l	98
37) Ethyl Acetate	7.27	43	7649	13.060	ug/l	97
38) Carbon Tetrachloride	8.07	117	17786	9.708	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22562	10.263	ug/l	97
40) Benzene	8.33	78	49584	10.352	ug/l	99
41) Methacrylonitrile	7.49	41	4647	12.861	ug/l	98
42) 1,2-Dichloroethane	8.41	62	15499	11.893	ug/l	97
43) Isopropyl Acetate	8.43	43	13891	12.177	ug/l	99
44) Trichloroethene	9.10	130	13180	8.931	ug/l	96
45) 1,2-Dichloropropane	9.37	63	12499	11.067	ug/l	100
46) Dibromomethane	9.46	93	6416	10.360	ug/l	98
47) Bromodichloromethane	9.65	83	16906	10.918	ug/l #	96
48) Methyl methacrylate	9.45	41	6900	12.434	ug/l	95
49) 1,4-Dioxane	9.49	88	2117	225.292	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	35450	62.198	ug/l	99
52) Toluene	10.39	92	34845	10.368	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	15304	10.035	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	19114	10.562	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	9331	10.150	ug/l	95
56) Ethyl methacrylate	10.65	69	11061	10.775	ug/l	98
57) 1,3-Dichloropropane	10.93	76	16041	10.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	29446	58.225	ug/l	99
59) 2-Hexanone	10.98	43	23312	59.630	ug/l	99
60) Dibromochloromethane	11.13	129	10209	9.180	ug/l	100
61) 1,2-Dibromoethane	11.24	107	8980	10.333	ug/l	97
64) Tetrachloroethene	10.87	164	11127	8.182	ug/l	98
65) Chlorobenzene	11.66	112	37370	9.650	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	11508	9.183	ug/l	99
67) Ethyl Benzene	11.74	91	67881	10.211	ug/l	96
68) m/p-Xylenes	11.84	106	54021	20.045	ug/l	98
69) o-Xylene	12.17	106	25109	9.985	ug/l	99
70) Styrene	12.18	104	40217	9.970	ug/l	99
71) Bromoform	12.35	173	5216	7.814	ug/l #	97
73) Isopropylbenzene	12.47	105	67288	10.786	ug/l	100
74) N-amyl acetate	12.28	43	13193	13.188	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	9597	11.024	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13043	19.629	ug/l #	100
77) Bromobenzene	12.76	156	14278	9.304	ug/l	96
78) n-propylbenzene	12.81	91	82810	11.214	ug/l	100
79) 2-Chlorotoluene	12.90	91	48003	11.499	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	58809	10.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2704	10.176	ug/l	96
82) 4-Chlorotoluene	12.99	91	51649	11.608	ug/l	100
83) tert-Butylbenzene	13.21	119	50864	10.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	58816	10.798	ug/l	98
85) sec-Butylbenzene	13.39	105	72993	10.938	ug/l	100
86) p-Isopropyltoluene	13.51	119	63351	10.514	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	30423	9.764	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	29887	9.683	ug/l	96
89) n-Butylbenzene	13.83	91	58246	10.487	ug/l	99
90) Hexachloroethane	14.10	117	9687	9.994	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	27375	10.045	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1668	11.648	ug/l	96

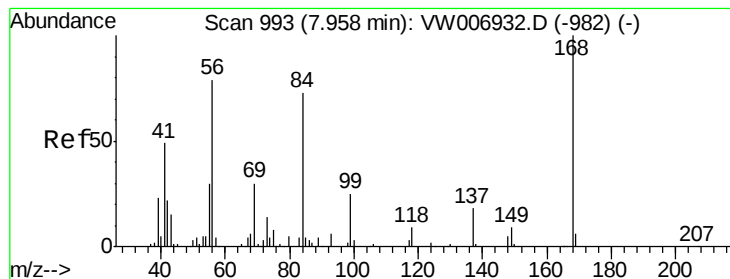
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
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Quant Title : SW846 8260
QLast Update : Sat Nov 17 01:21:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16356	8.164	ug/l	99
94) Hexachlorobutadiene	15.24	225	9201	7.442	ug/l	99
95) Naphthalene	15.38	128	30912	9.900	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	14073	8.181	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

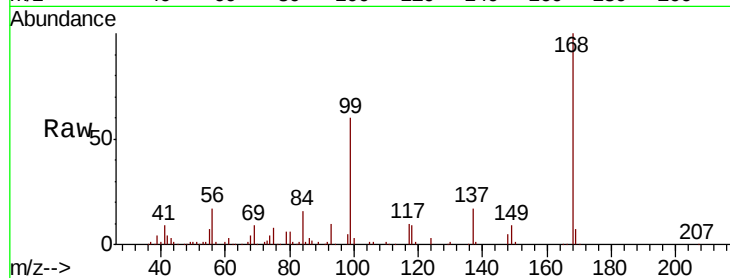
VSTDIC010

Tgt Ion:168 Resp: 111948

Ion Ratio Lower Upper

168 100

99 60.1 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

20000

10000

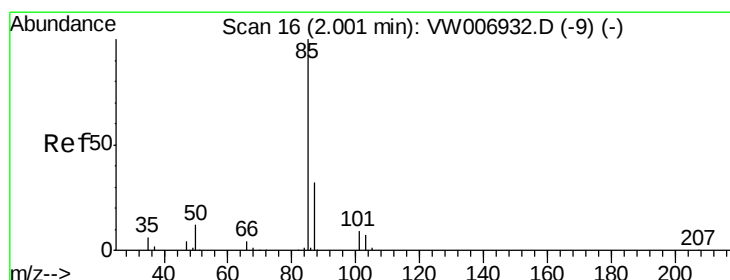
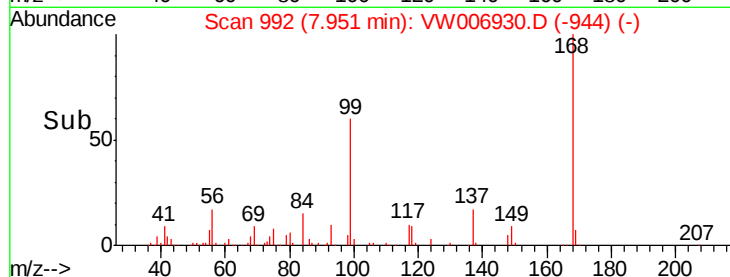
0

7.95

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 13.127 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006930.D

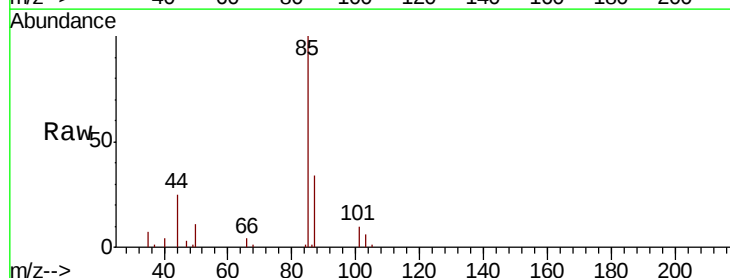
Acq: 16 Nov 2018 23:19

Tgt Ion: 85 Resp: 12485

Ion Ratio Lower Upper

85 100

87 34.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

6000

4000

2000

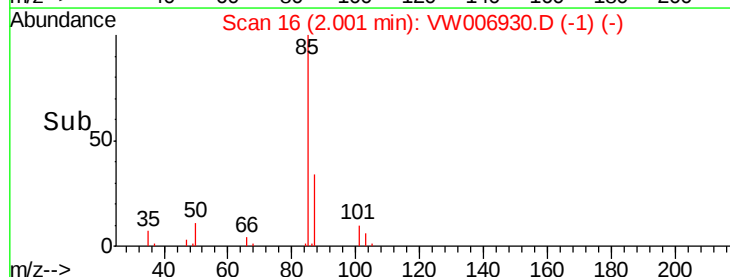
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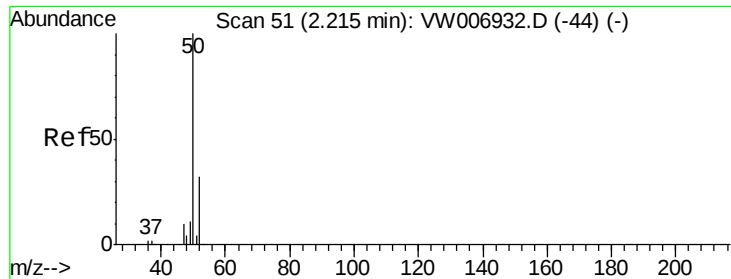
2.00

1.95

2.05

Time-->





#3

Chloromethane

Concen: 10.346 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

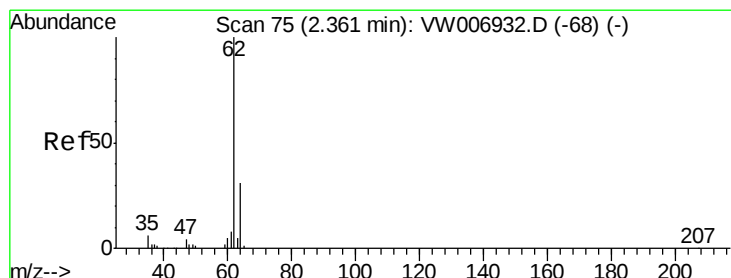
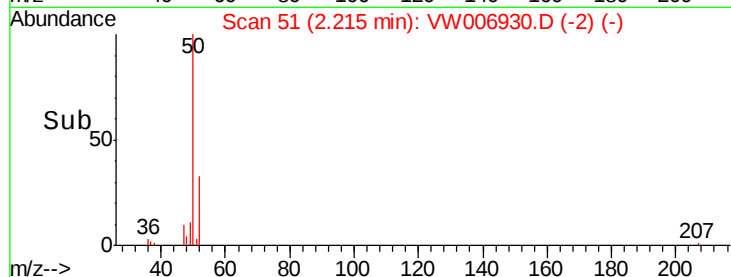
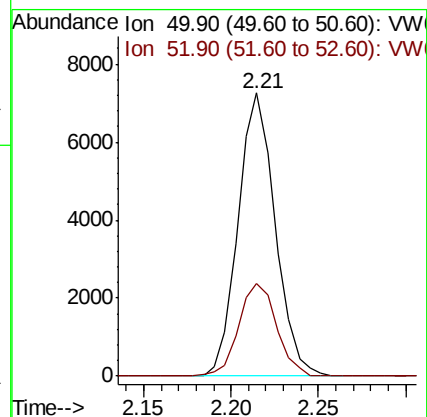
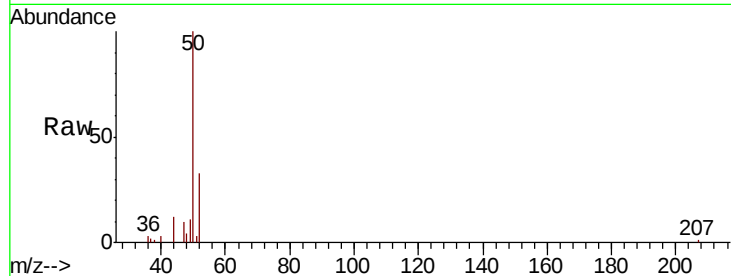
VSTDIC010

Tgt Ion: 50 Resp: 10686

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 9.001 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006930.D

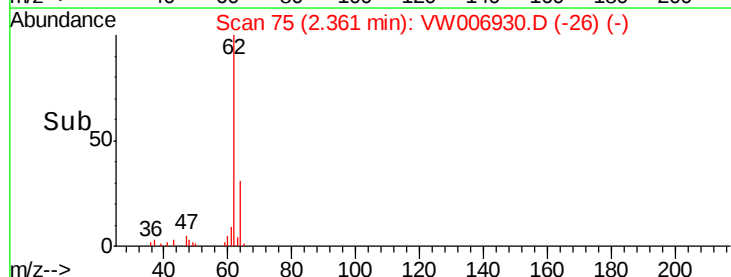
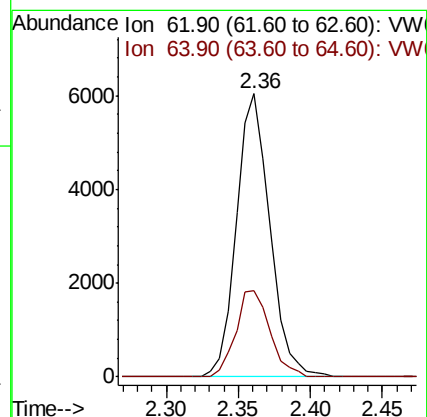
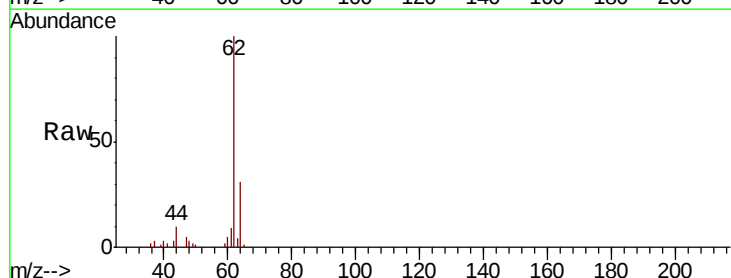
Acq: 16 Nov 2018 23:19

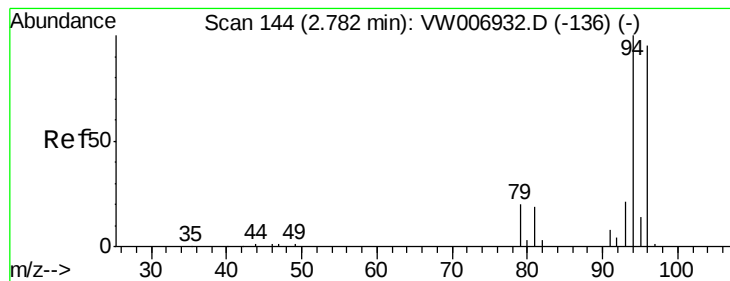
Tgt Ion: 62 Resp: 9766

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 7.961 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

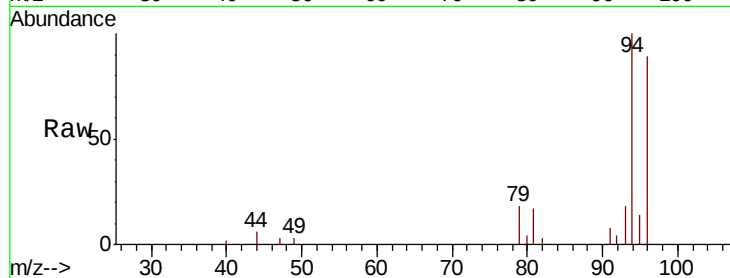
VSTDIC010

Tgt Ion: 94 Resp: 5637

Ion Ratio Lower Upper

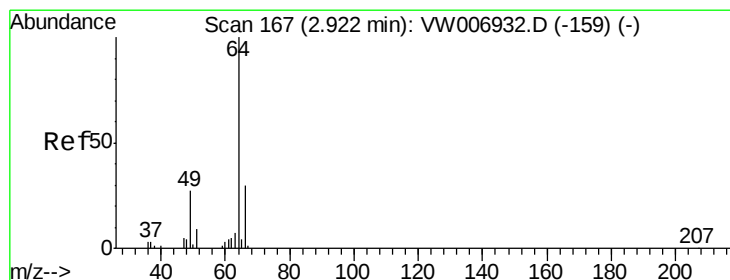
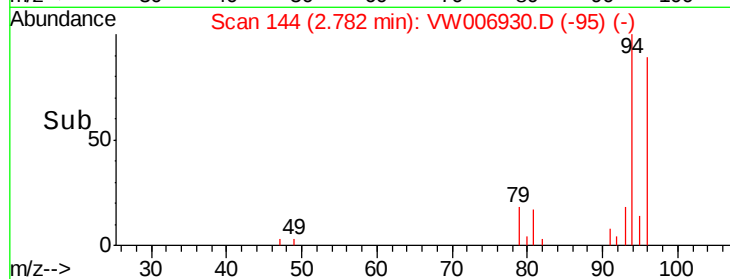
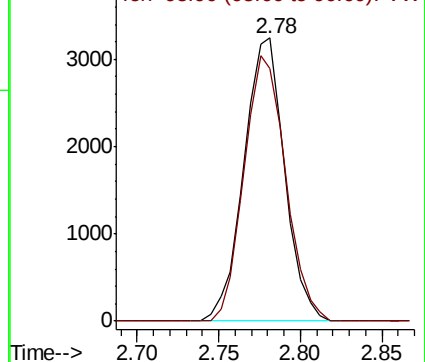
94 100

96 89.4 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 7.900 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006930.D

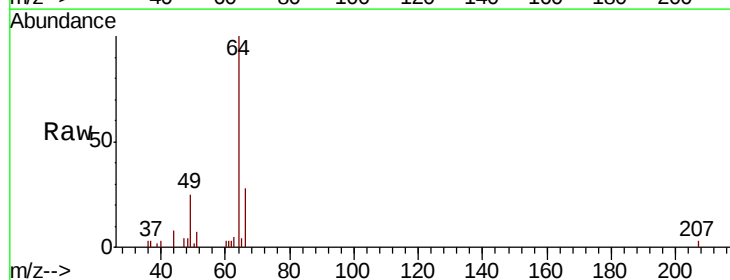
Acq: 16 Nov 2018 23:19

Tgt Ion: 64 Resp: 5481

Ion Ratio Lower Upper

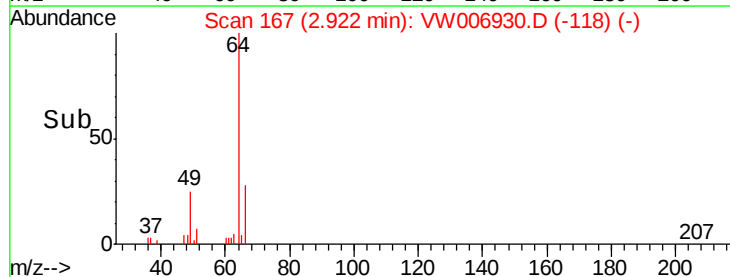
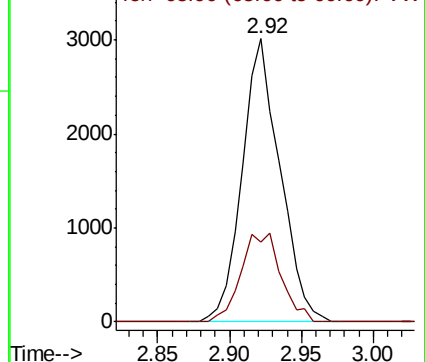
64 100

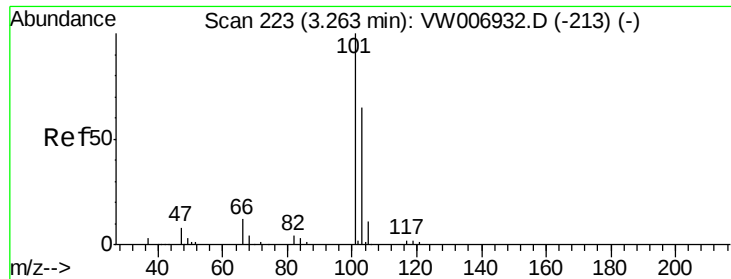
66 28.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



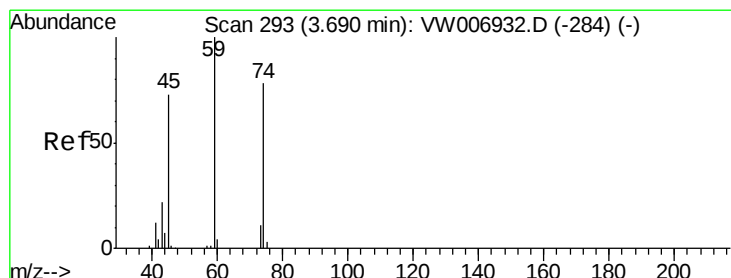
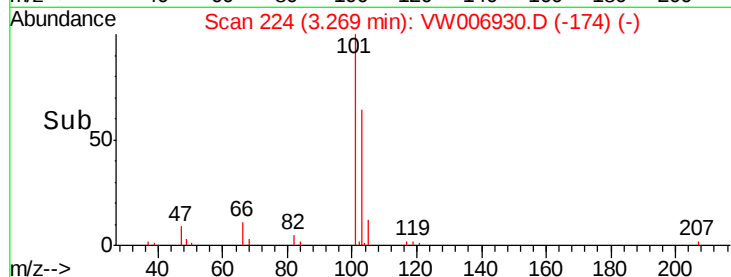
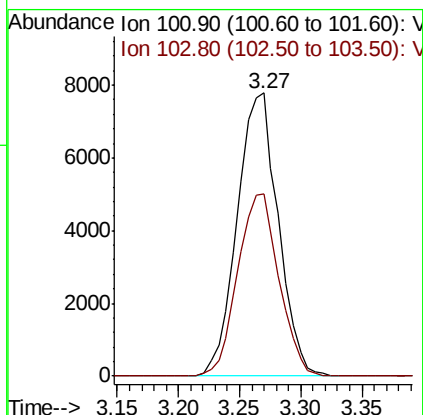
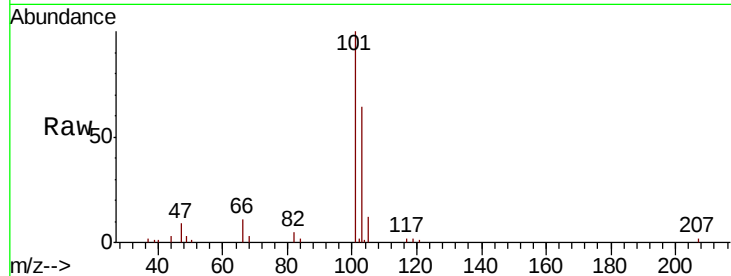


#7

Trichlorofluoromethane
 Concen: 11.873 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

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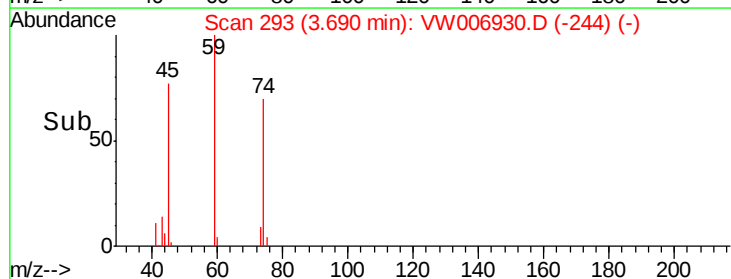
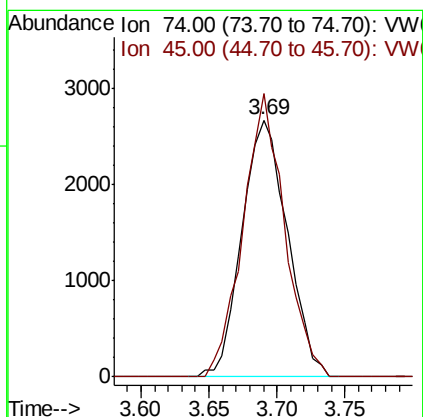
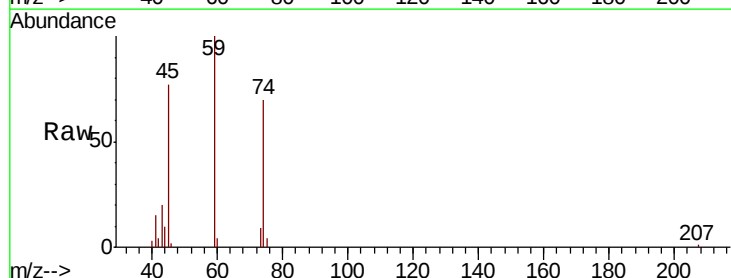
Tgt Ion:101 Resp: 18135
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2

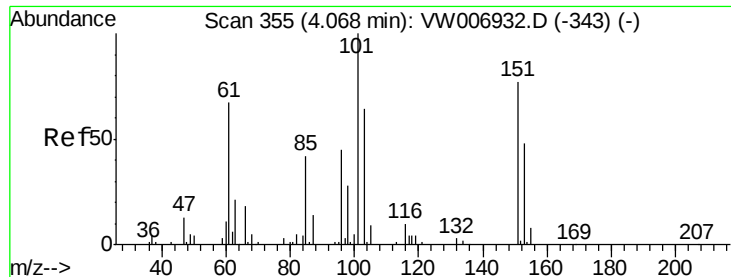


#8

Diethyl Ether
 Concen: 13.388 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 74 Resp: 6262
 Ion Ratio Lower Upper
 74 100
 45 100.9 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.418 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

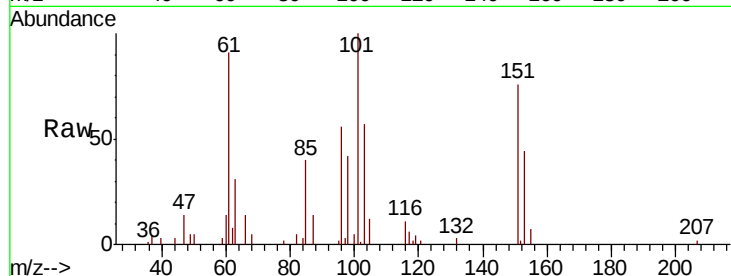
Tgt Ion:101 Resp: 11749

Ion Ratio Lower Upper

101 100

85 42.8 34.5 51.7

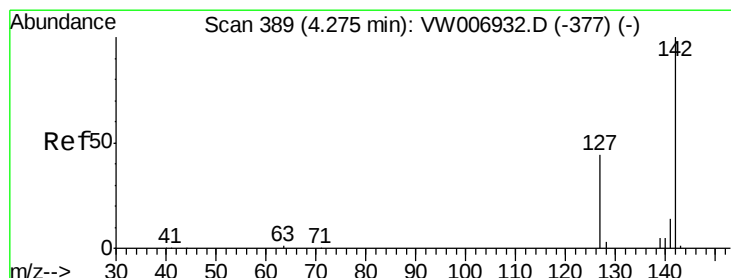
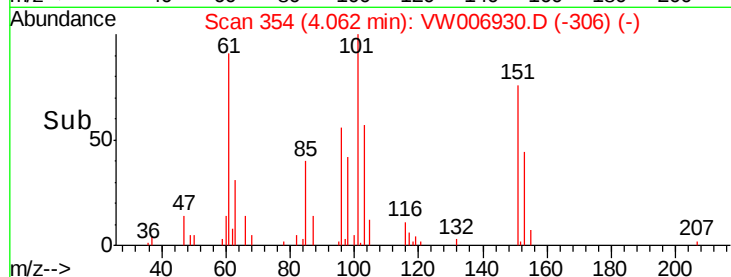
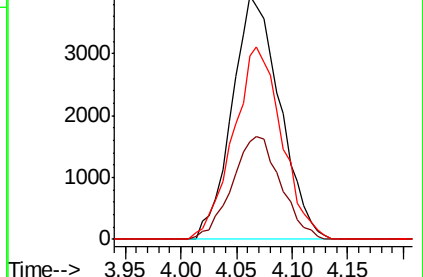
151 80.2 61.5 92.3



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: 7.497 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

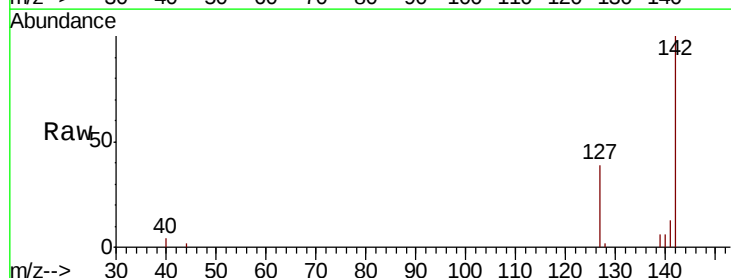
Tgt Ion:142 Resp: 10474

Ion Ratio Lower Upper

142 100

127 42.6 34.4 51.6

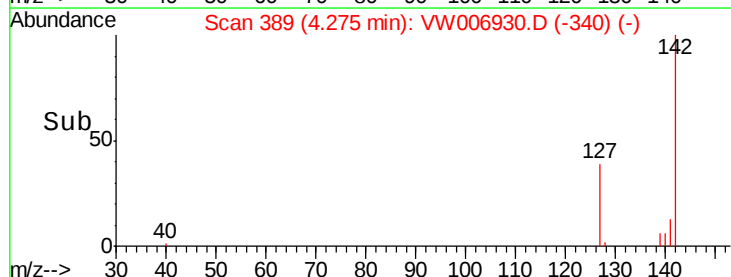
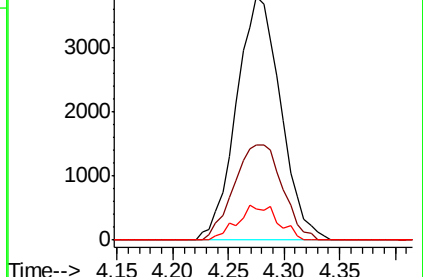
141 13.2 11.5 17.3

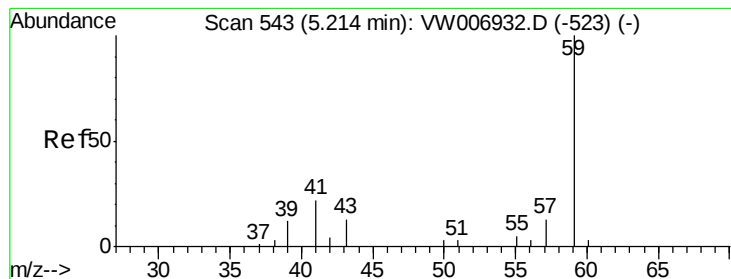


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



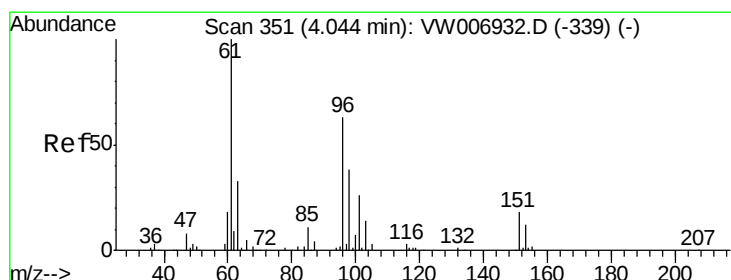
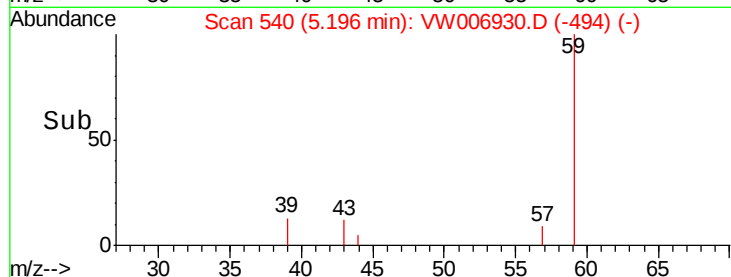
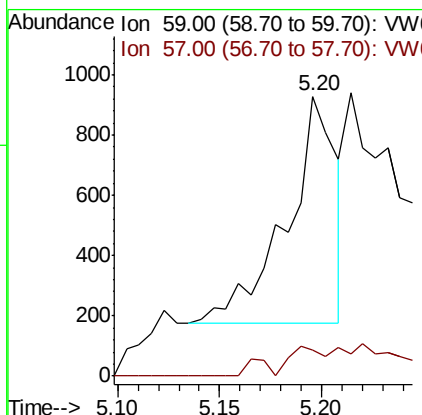
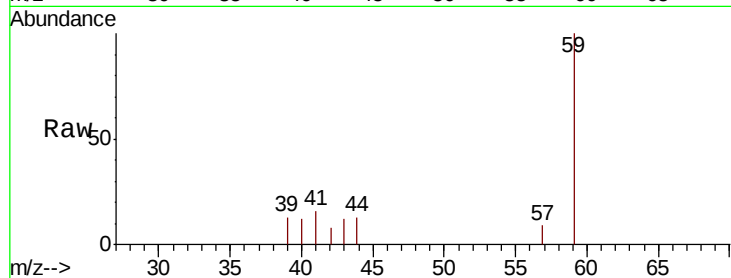


#11

Tert butyl alcohol
 Concen: 21.582 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

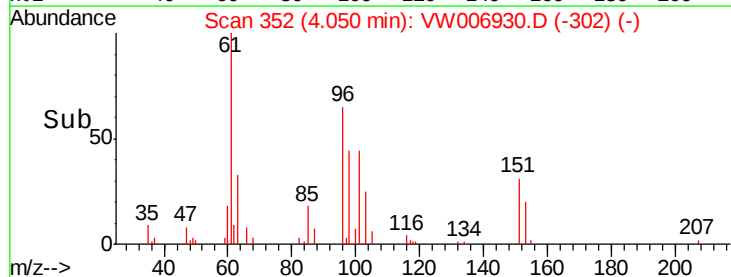
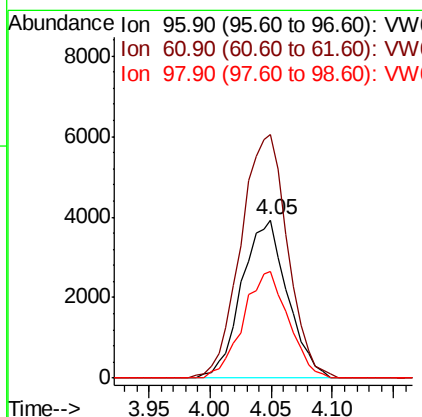
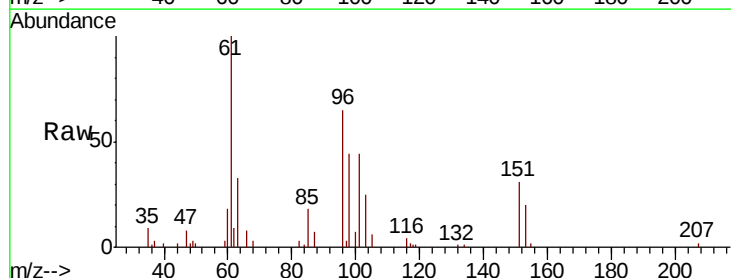
Tgt Ion: 59 Resp: 1274
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

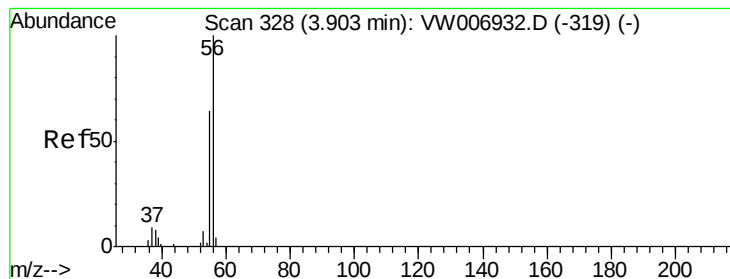


#12

1,1-Dichloroethene
 Concen: 11.626 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 96 Resp: 10212
 Ion Ratio Lower Upper
 96 100
 61 154.0 127.8 191.8
 98 67.3 48.3 72.5





#13

Acrolein

Concen: 71.401 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

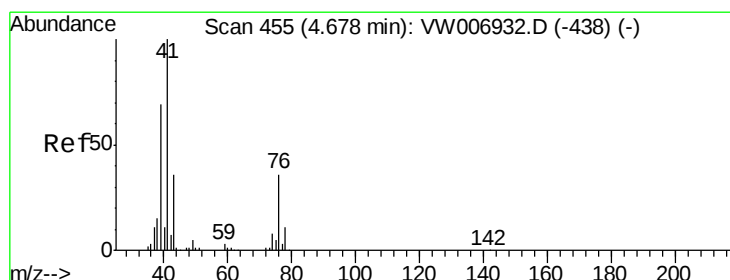
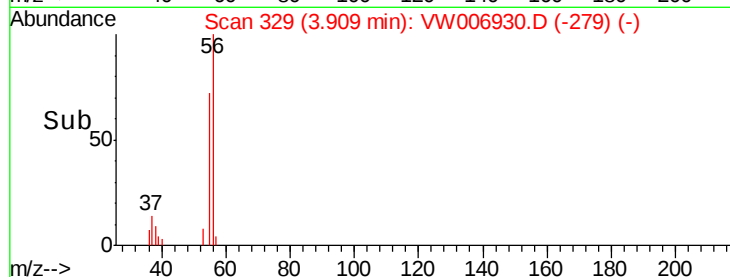
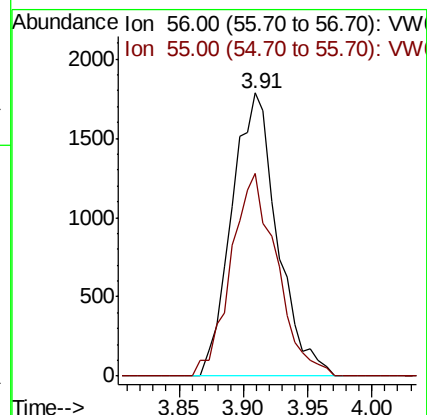
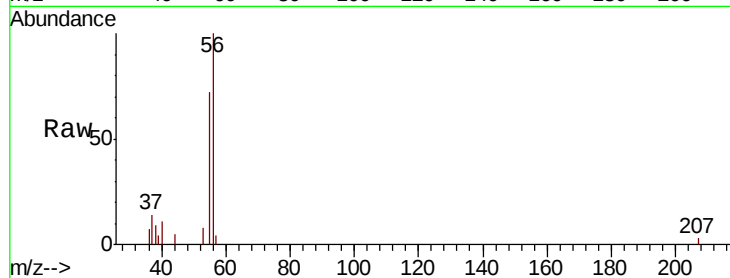
VSTDIC010

Tgt Ion: 56 Resp: 4403

Ion Ratio Lower Upper

56 100

55 72.2 56.5 84.7



#14

Allyl chloride

Concen: 14.110 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

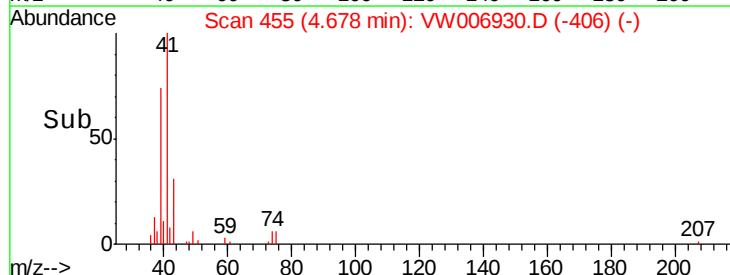
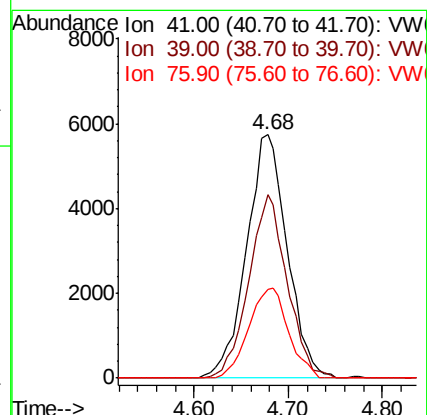
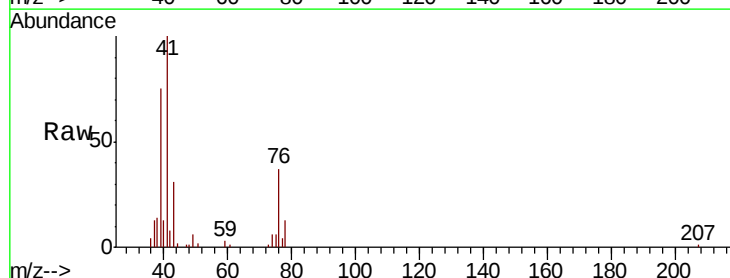
Tgt Ion: 41 Resp: 17364

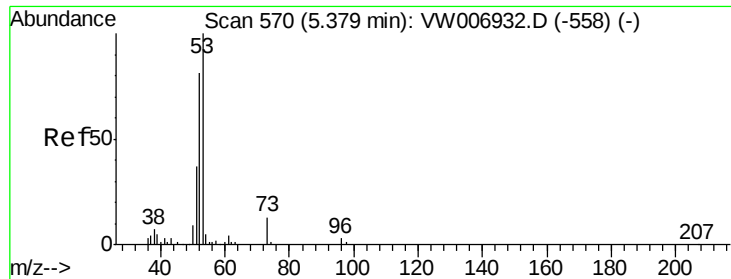
Ion Ratio Lower Upper

41 100

39 71.0 55.0 82.4

76 36.2 28.0 42.0

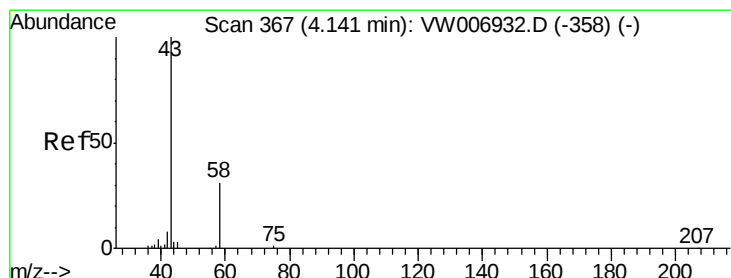
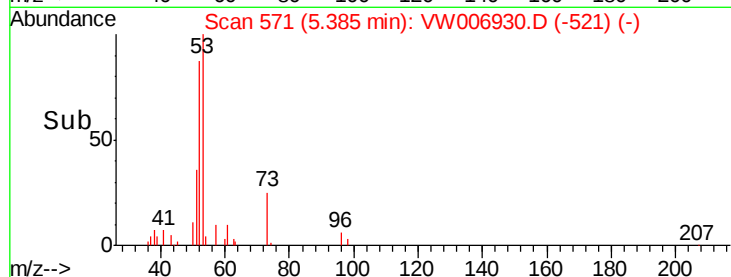
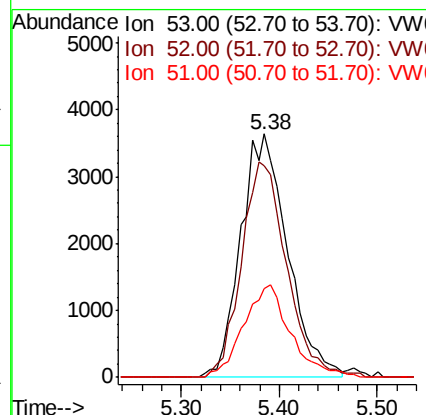
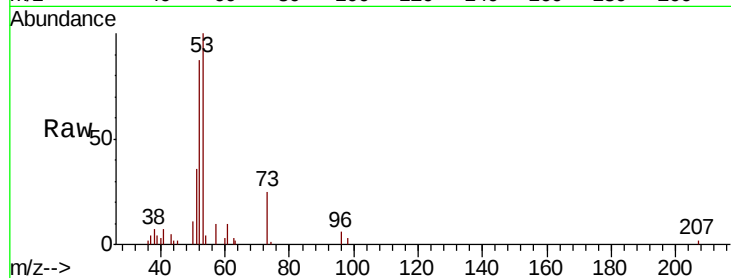




#15
 Acrylonitrile
 Concen: 67.679 ug/l
 RT: 5.38 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

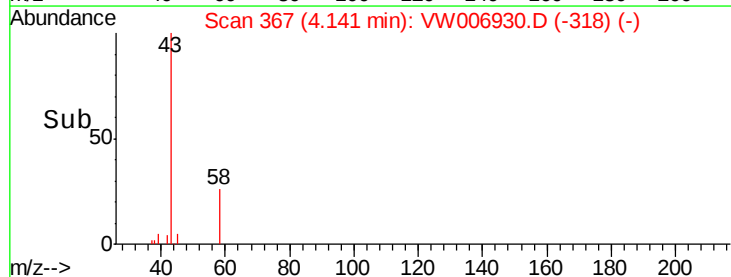
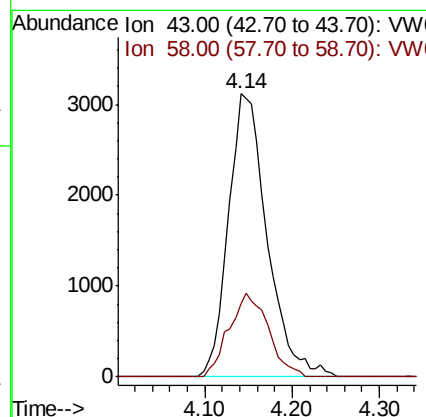
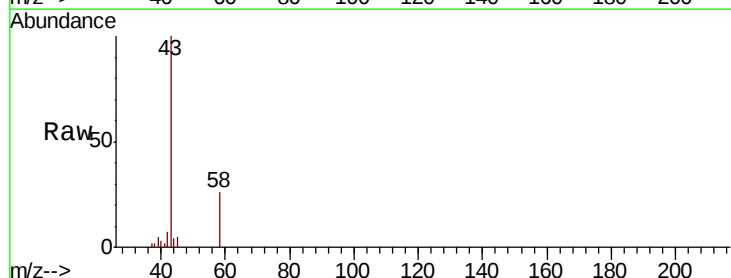
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

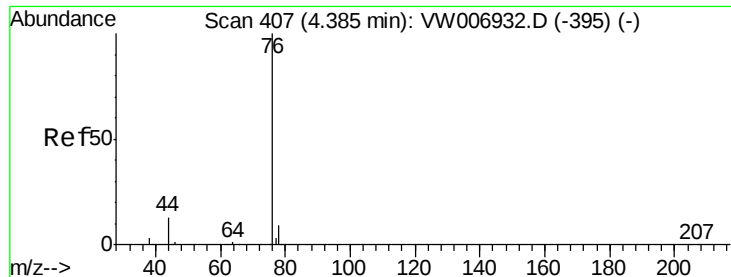
Tgt Ion: 53 Resp: 12076
 Ion Ratio Lower Upper
 53 100
 52 85.6 67.0 100.6
 51 38.1 29.8 44.6



#16
 Acetone
 Concen: 73.673 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 43 Resp: 9589
 Ion Ratio Lower Upper
 43 100
 58 26.1 24.2 36.4





#17

Carbon Disulfide

Concen: 11.345 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

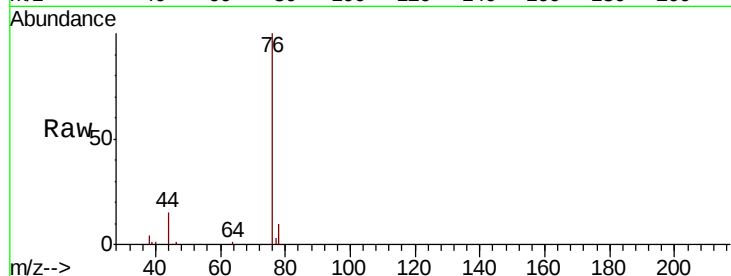
VSTDIC010

Tgt Ion: 76 Resp: 31511

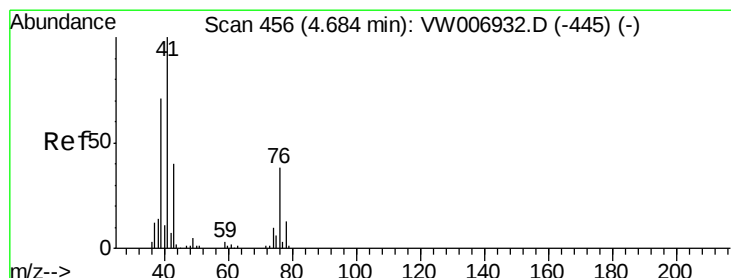
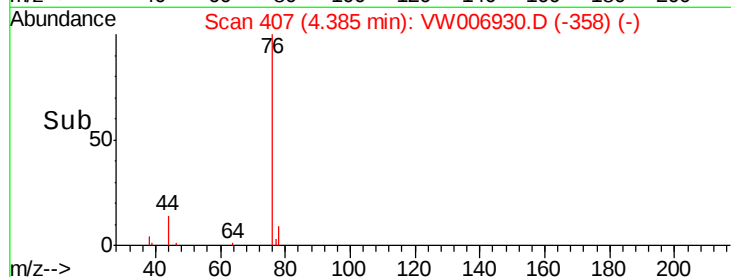
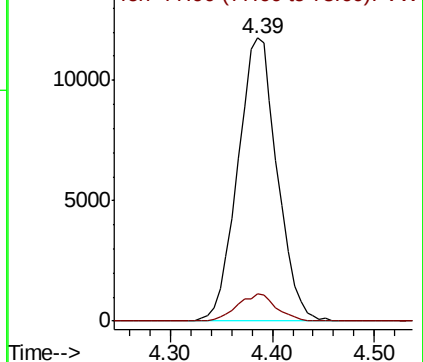
Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 14.114 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006930.D

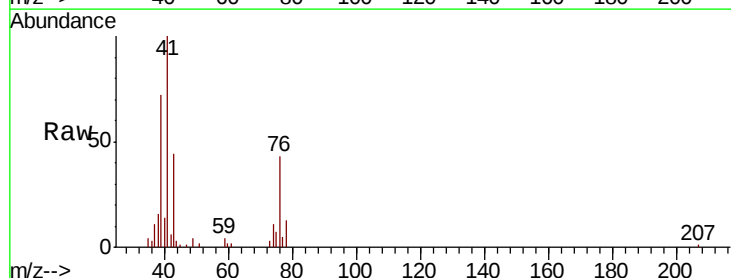
Acq: 16 Nov 2018 23:19

Tgt Ion: 43 Resp: 6306

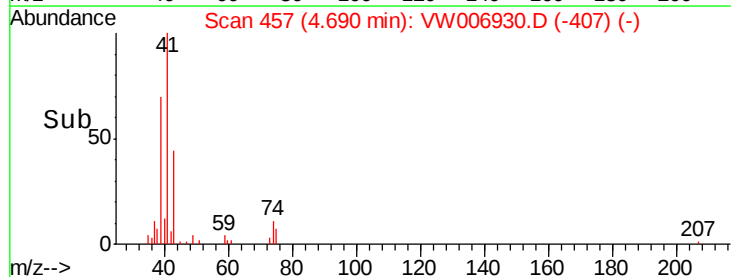
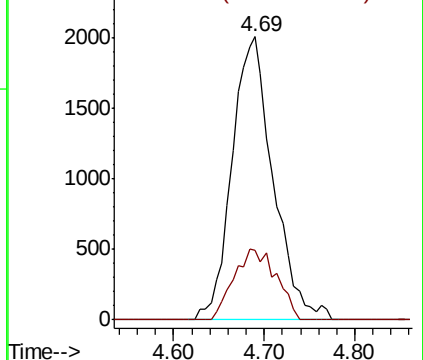
Ion Ratio Lower Upper

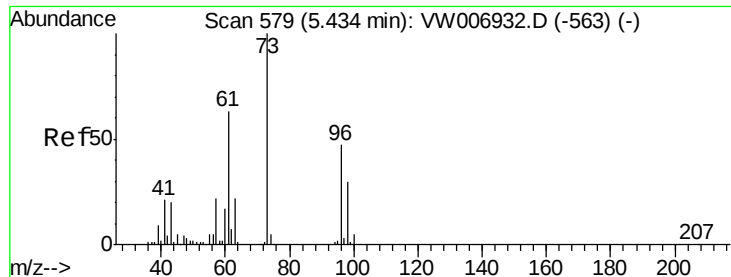
43 100

74 25.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

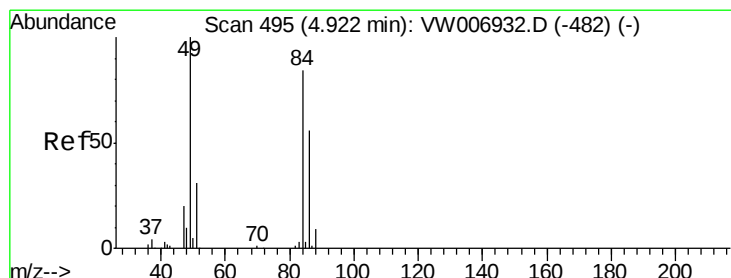
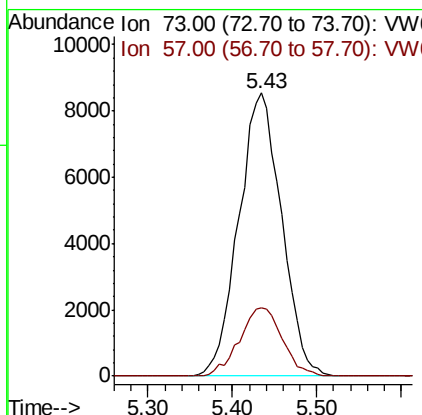
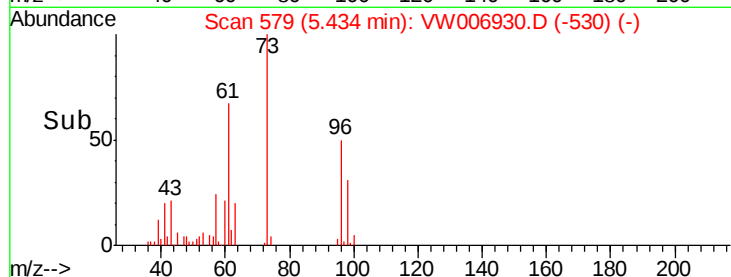
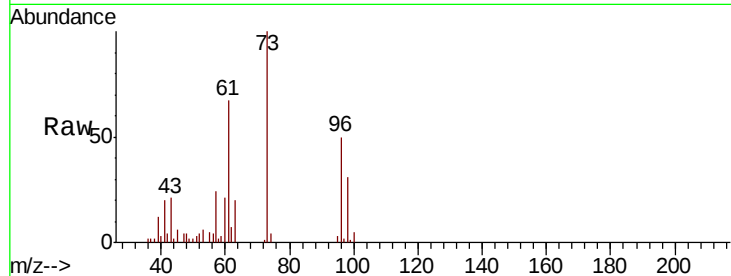




#19
Methyl tert-butyl Ether
Concen: 13.571 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

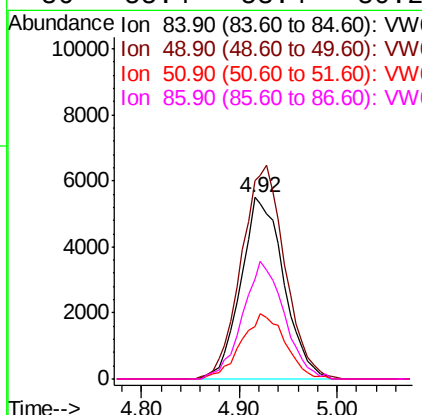
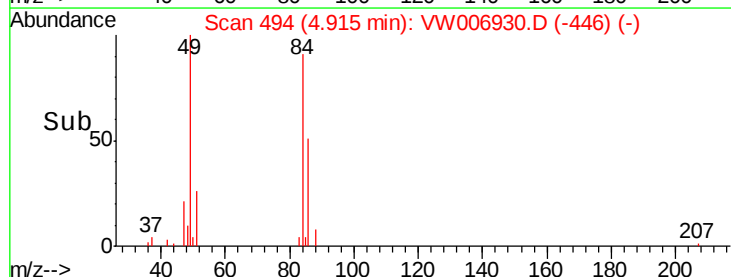
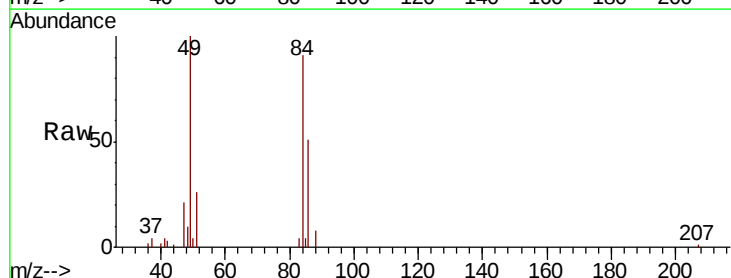
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

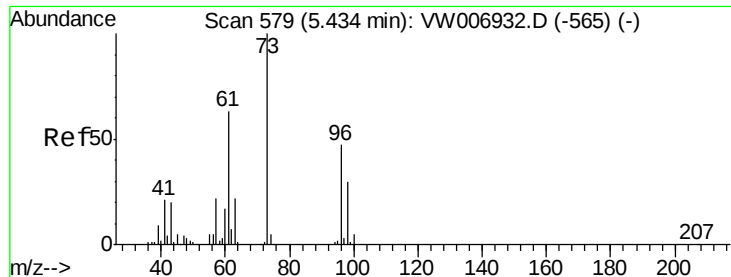
Tgt Ion: 73 Resp: 29522
Ion Ratio Lower Upper
73 100
57 24.0 17.5 26.3



#20
Methylene Chloride
Concen: 12.321 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 84 Resp: 16729
Ion Ratio Lower Upper
84 100
49 109.7 95.4 143.2
51 29.0 29.5 44.3#
86 55.4 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 11.865 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

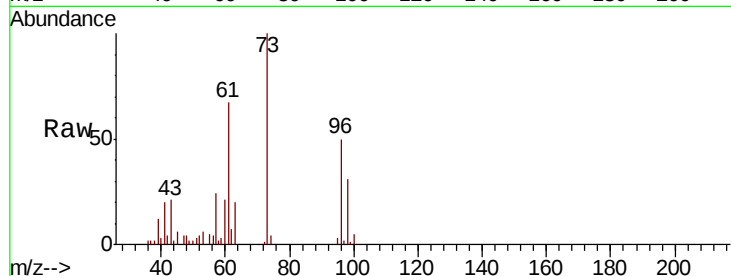
Tgt Ion: 96 Resp: 12305

Ion Ratio Lower Upper

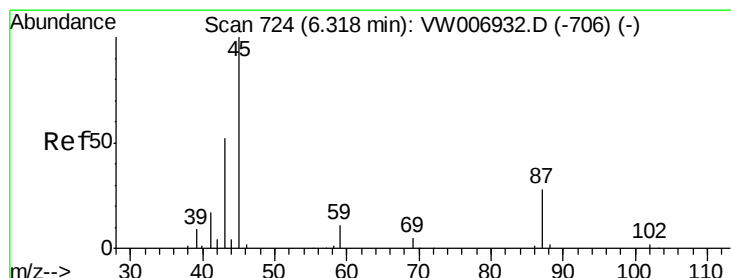
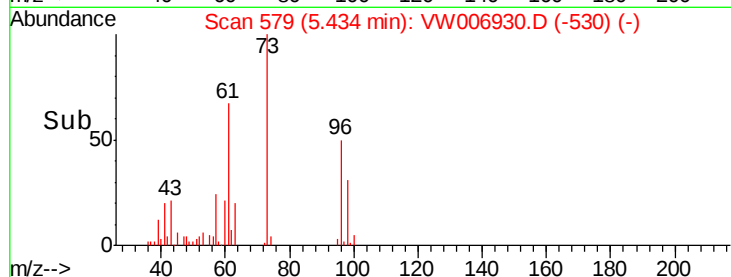
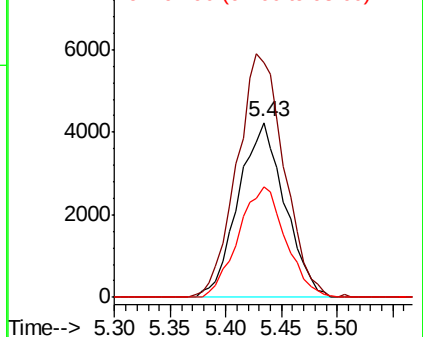
96 100

61 134.3 108.2 162.4

98 63.4 50.6 76.0



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



#22

Diisopropyl ether

Concen: 14.357 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Tgt Ion: 45 Resp: 36393

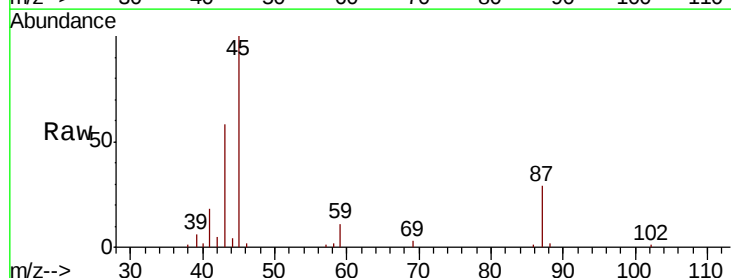
Ion Ratio Lower Upper

45 100

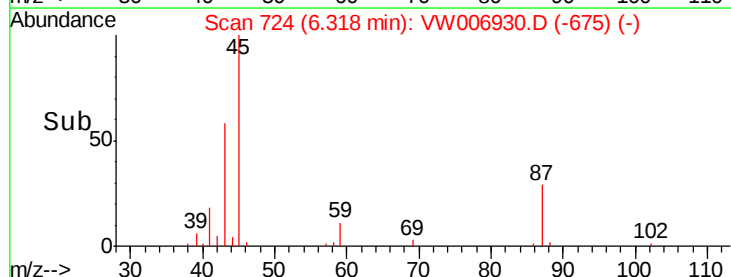
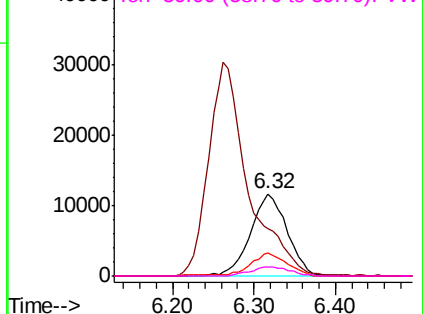
43 57.1 43.1 64.7

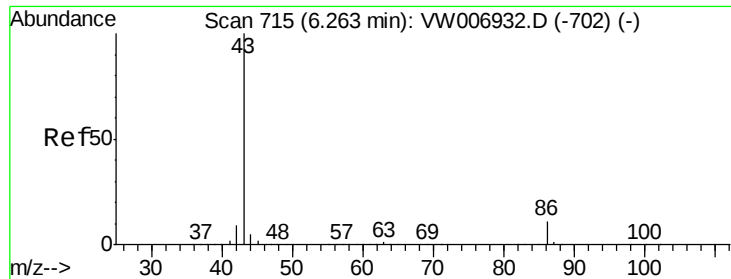
87 28.6 22.7 34.1

59 10.9 9.0 13.4



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

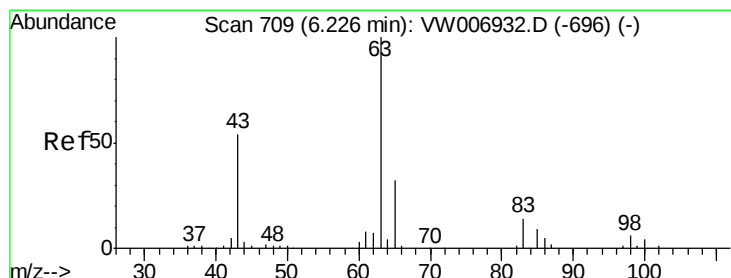
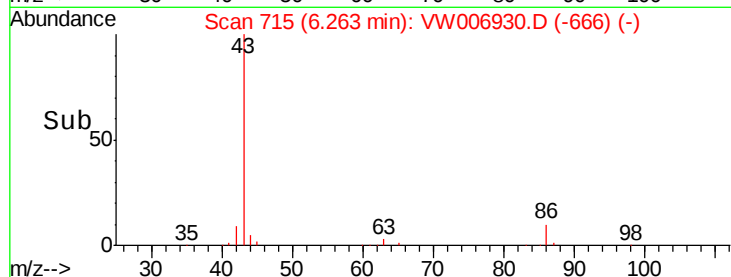
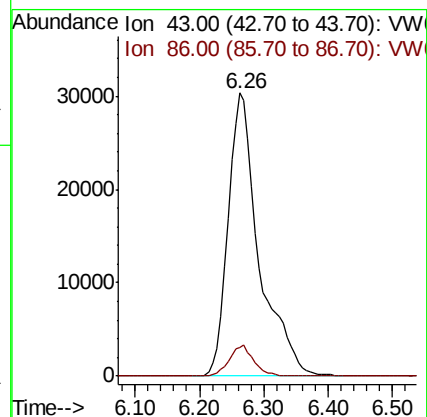
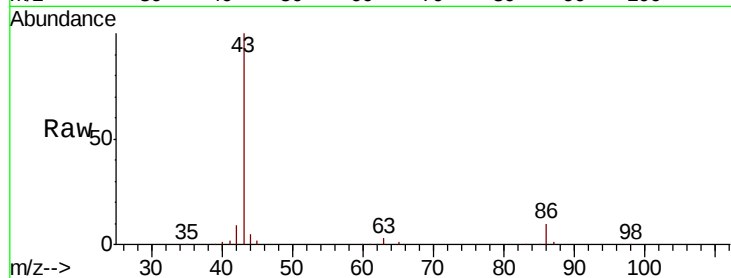




#23
 Vinyl Acetate
 Concen: 71.843 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

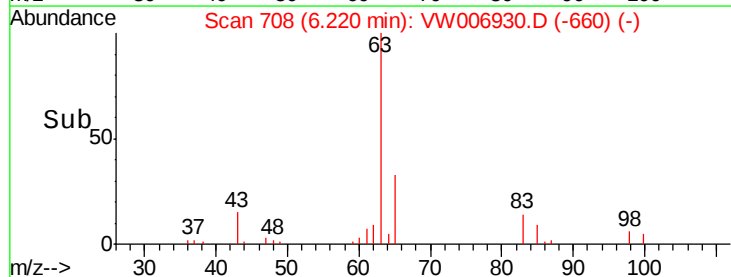
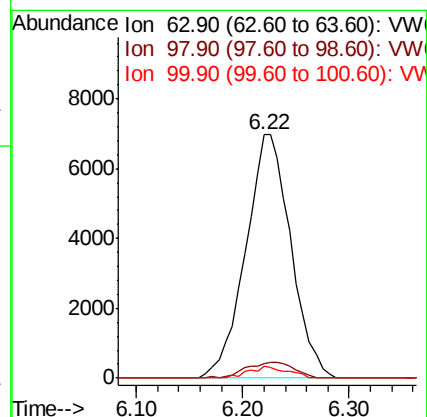
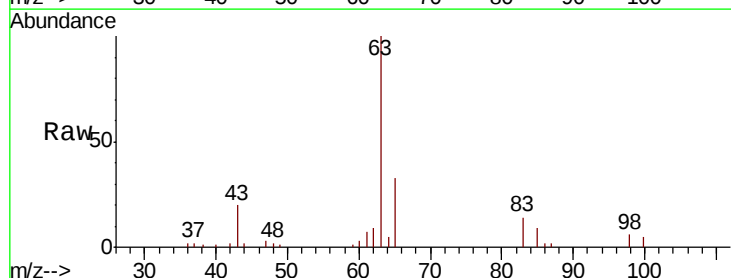
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

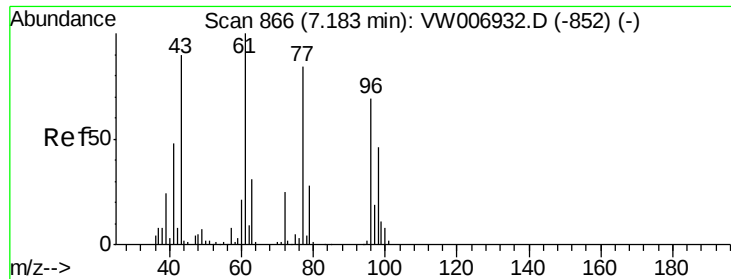
Tgt Ion: 43 Resp: 102552
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 12.631 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 63 Resp: 20625
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.2 9.6
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 70.626 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampled :

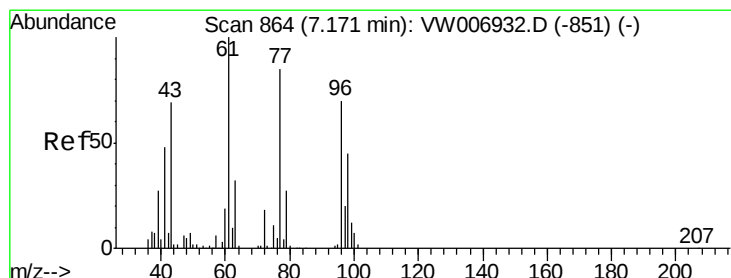
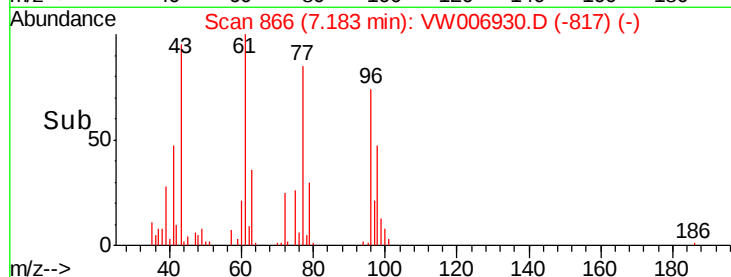
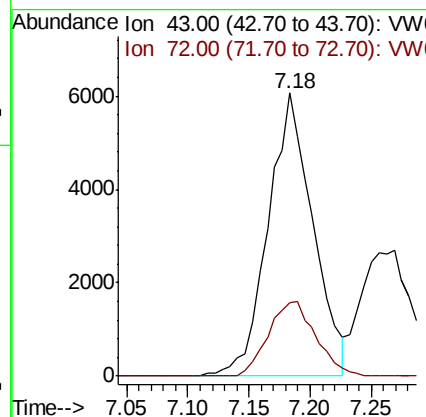
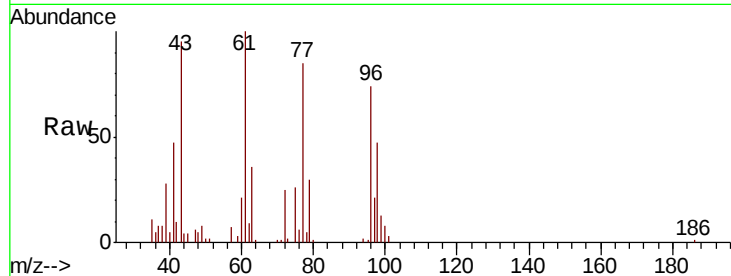
VSTDIC010

Tgt Ion: 43 Resp: 15439

Ion Ratio Lower Upper

43 100

72 26.0 22.1 33.1



#26

2,2-Dichloropropane

Concen: 12.143 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006930.D

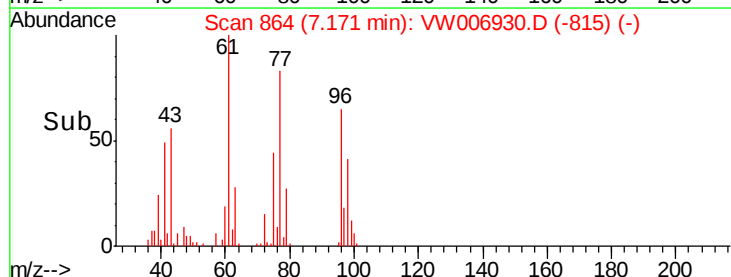
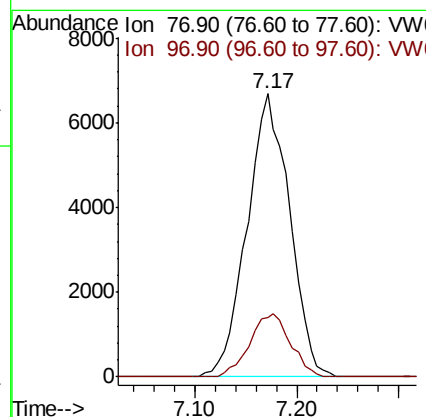
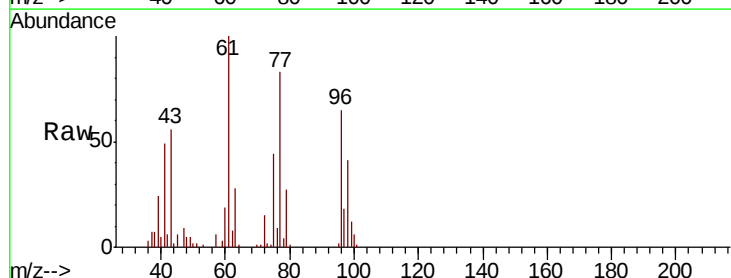
Acq: 16 Nov 2018 23:19

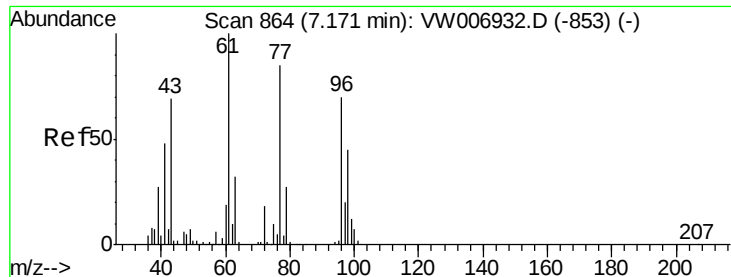
Tgt Ion: 77 Resp: 19353

Ion Ratio Lower Upper

77 100

97 21.2 11.3 33.9



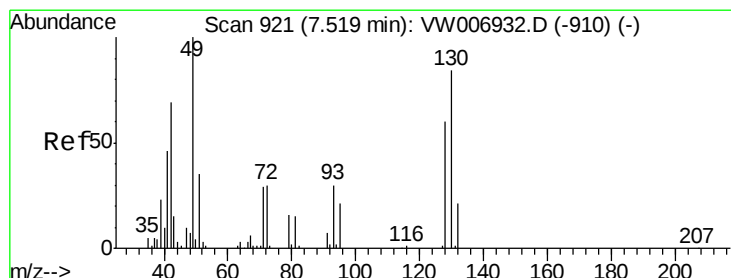
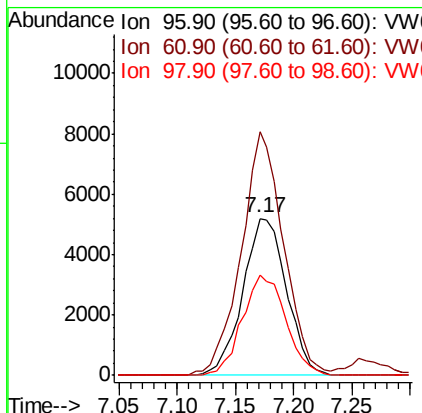
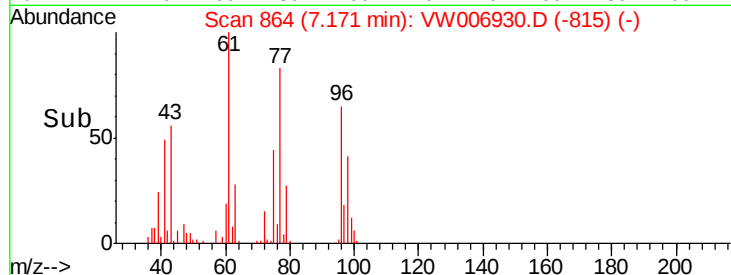
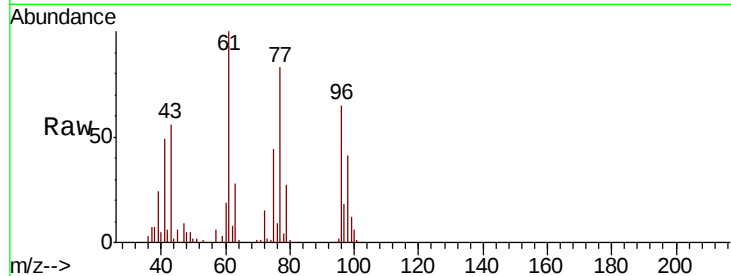


#27

cis-1,2-Dichloroethene
Concen: 12.137 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

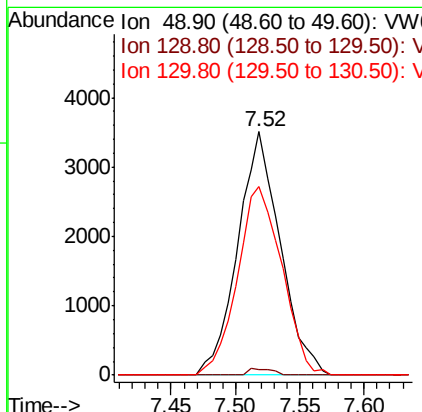
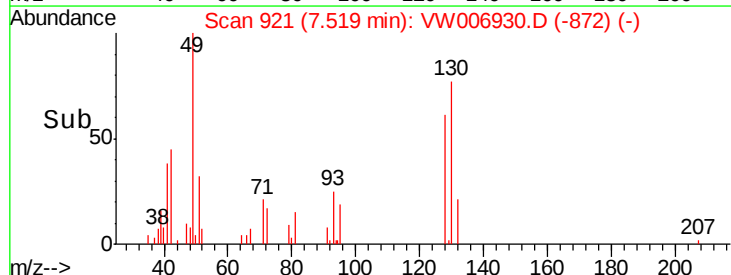
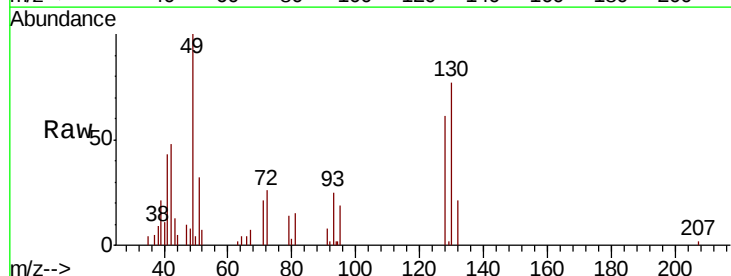
Tgt Ion: 96 Resp: 13520
Ion Ratio Lower Upper
96 100
61 150.9 0.0 293.8
98 63.5 0.0 131.0

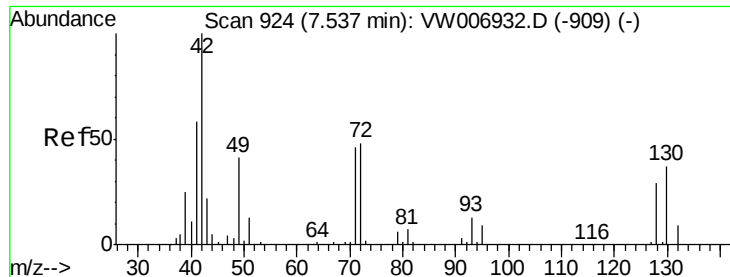


#28

Bromochloromethane
Concen: 13.925 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 49 Resp: 8006
Ion Ratio Lower Upper
49 100
129 1.4 0.0 1.6
130 81.1 66.1 99.1

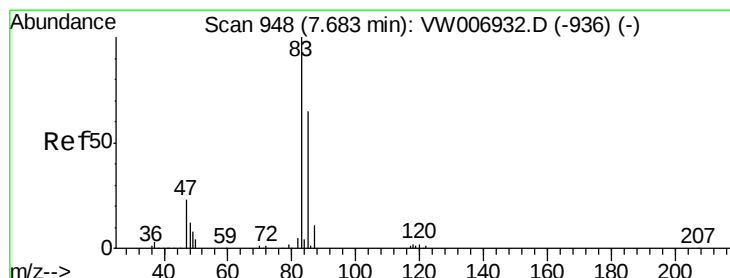
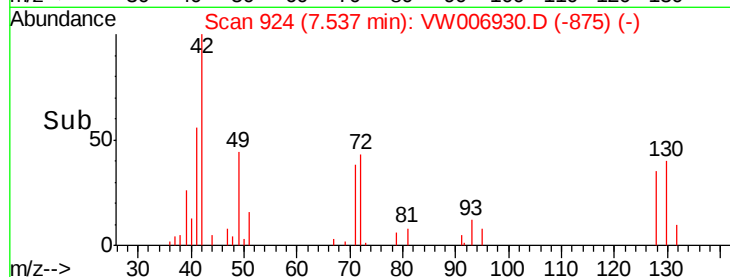
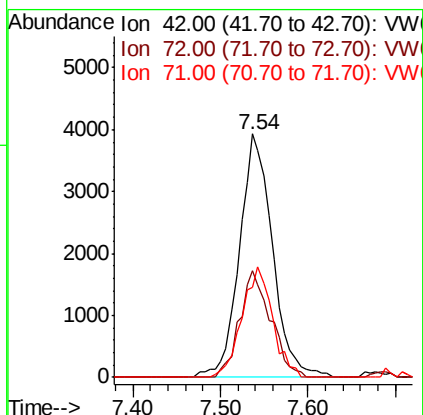
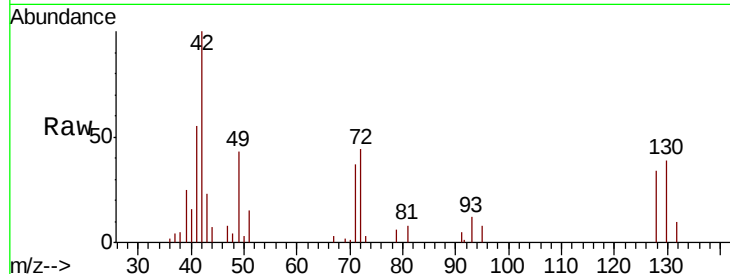




#29
Tetrahydrofuran
Concen: 73.823 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

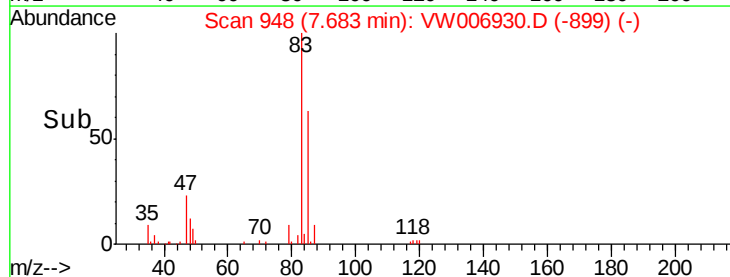
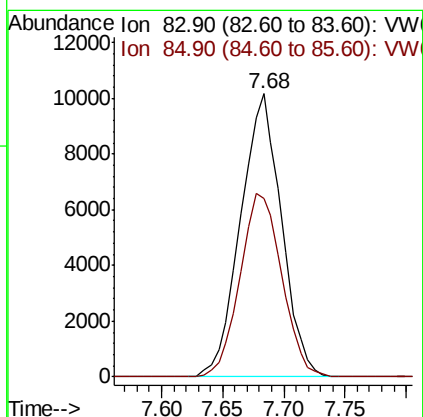
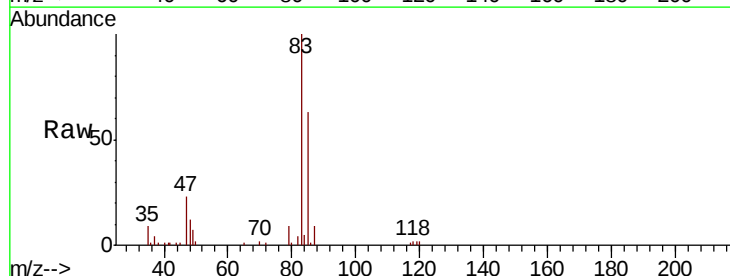
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

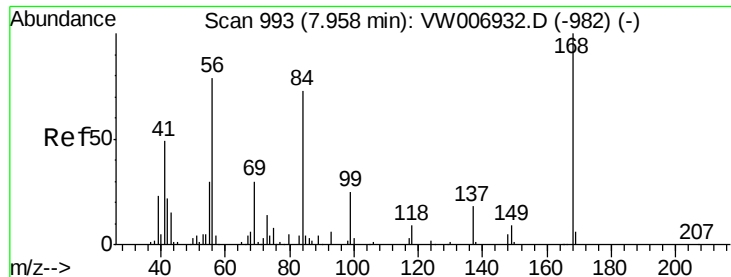
Tgt Ion: 42 Resp: 10331
Ion Ratio Lower Upper
42 100
72 41.3 35.7 53.5
71 41.8 33.7 50.5



#30
Chloroform
Concen: 13.328 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 83 Resp: 23591
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4

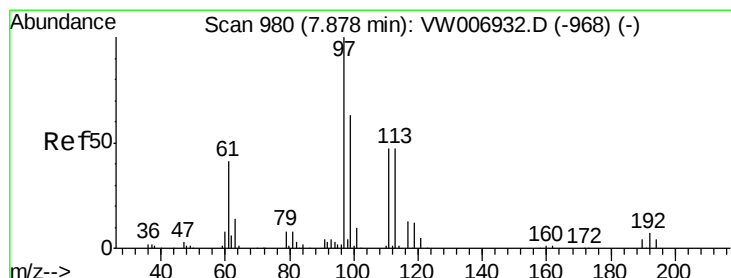
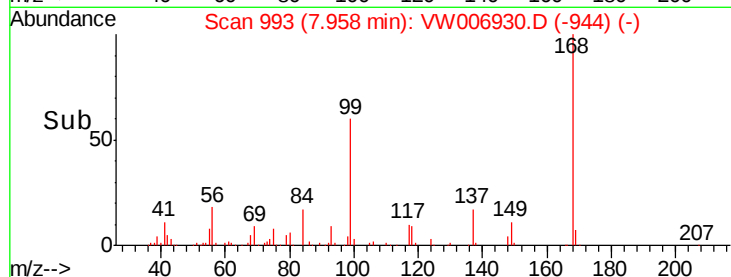
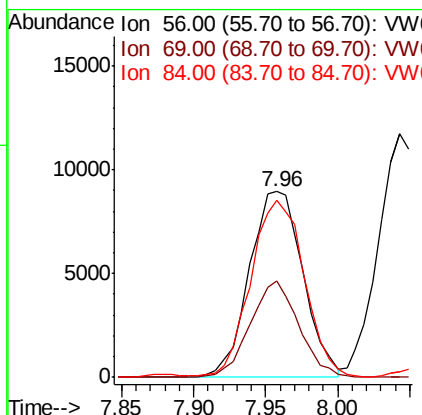
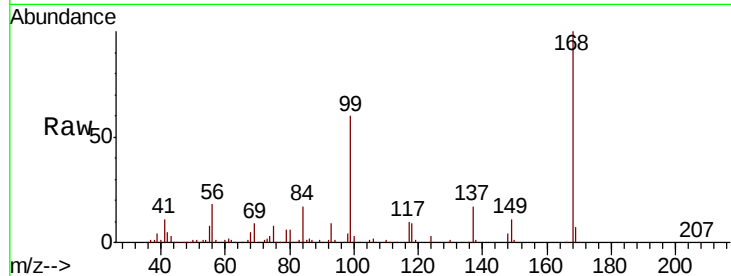




#31
Cyclohexane
Concen: 13.983 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

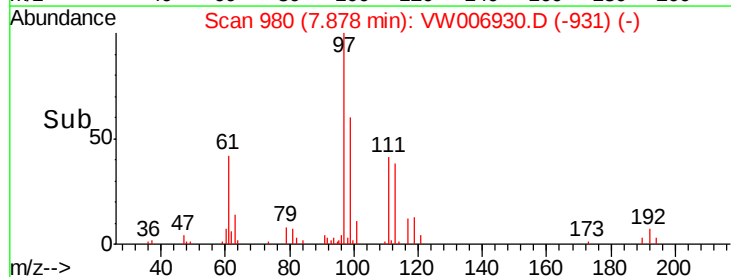
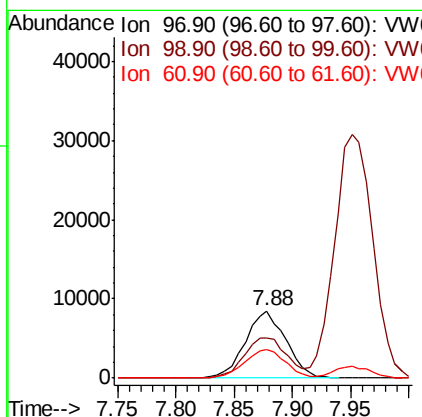
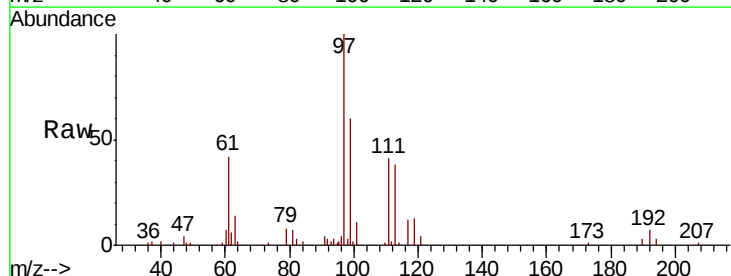
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

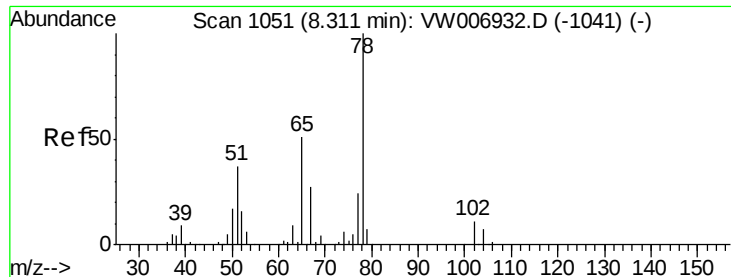
Tgt Ion: 56 Resp: 23109
Ion Ratio Lower Upper
56 100
69 51.7 30.2 45.2#
84 94.8 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 12.181 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 97 Resp: 20468
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 43.4 34.2 51.2

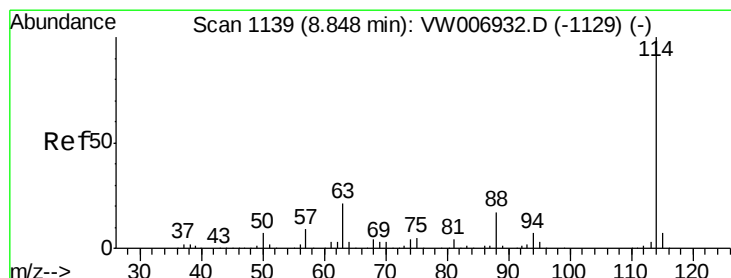
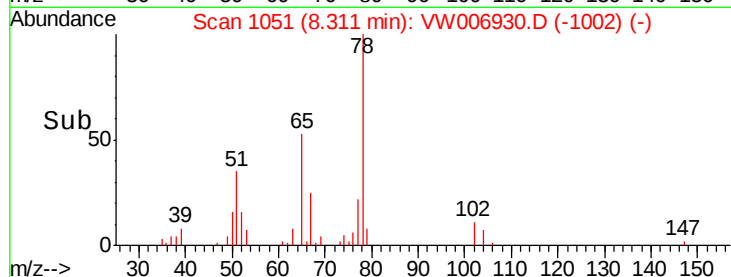
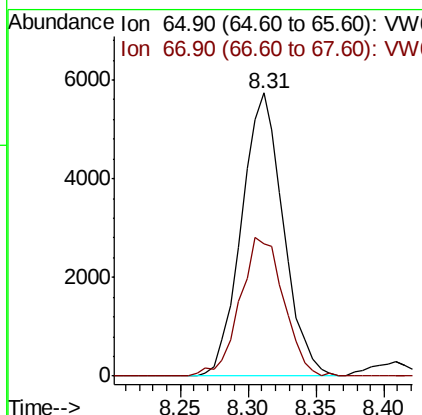
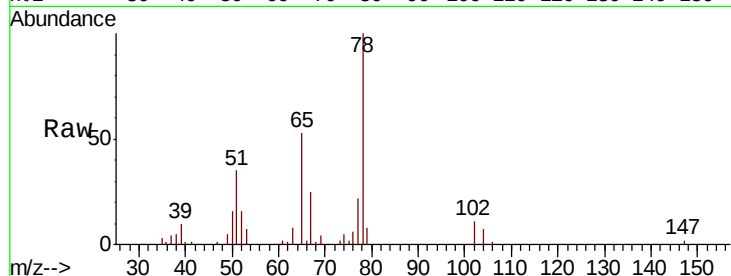




#33
 1,2-Dichloroethane-d4
 Concen: 13.639 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

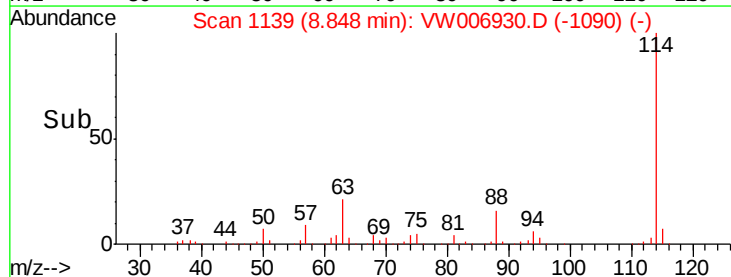
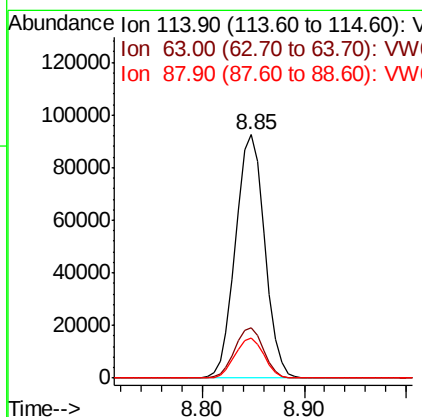
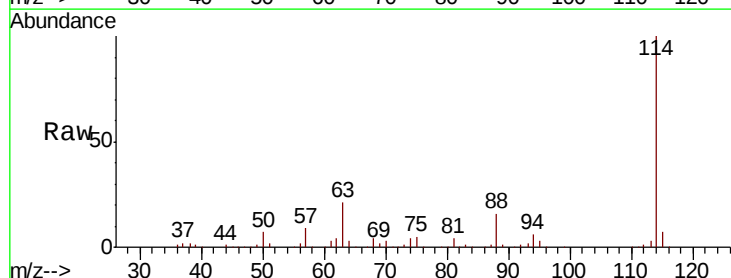
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

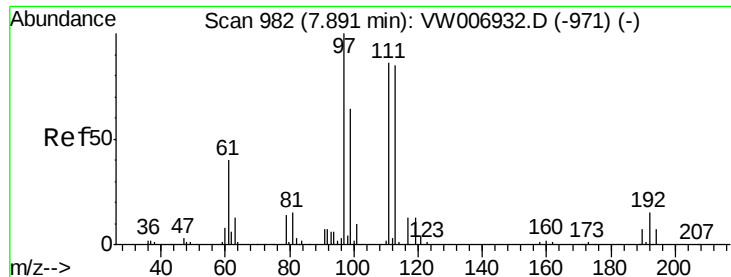
Tgt Ion: 65 Resp: 12302
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 114 Resp: 183004
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.2
 88 16.5 0.0 33.4

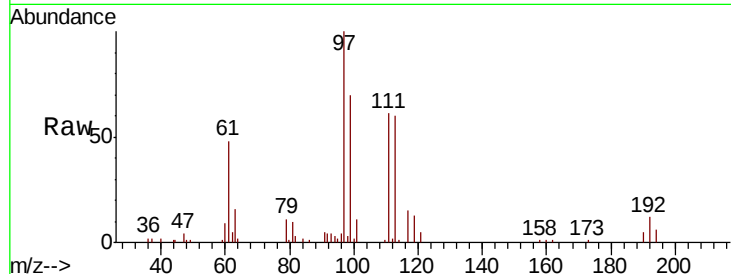




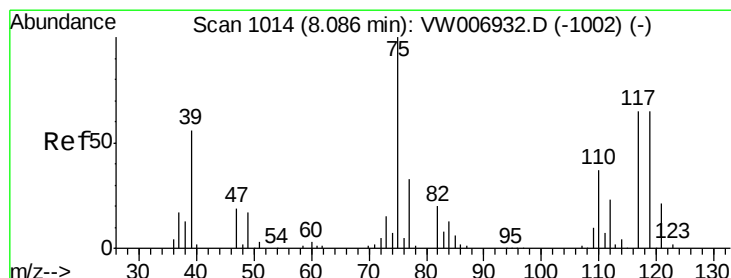
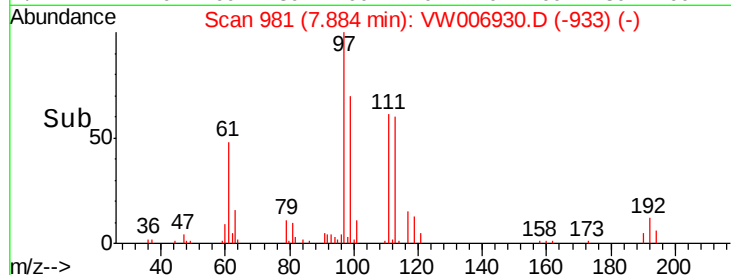
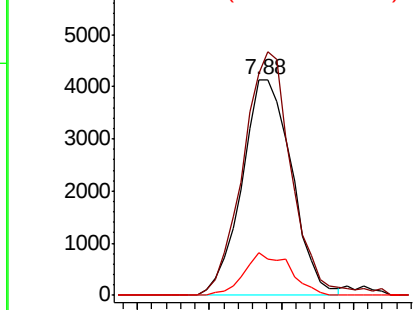
#35
 Dibromofluoromethane
 Concen: 9.018 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:113 Resp: 9953
 Ion Ratio Lower Upper
 113 100
 111 110.5 81.7 122.5
 192 18.2 13.9 20.9

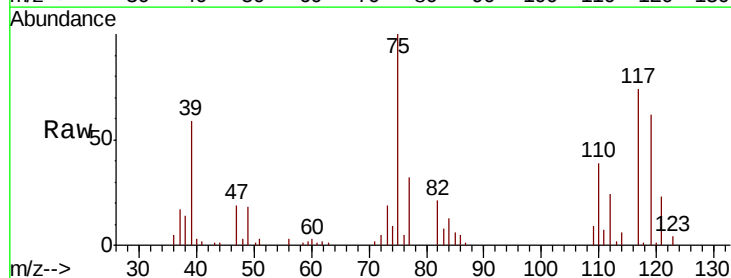


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

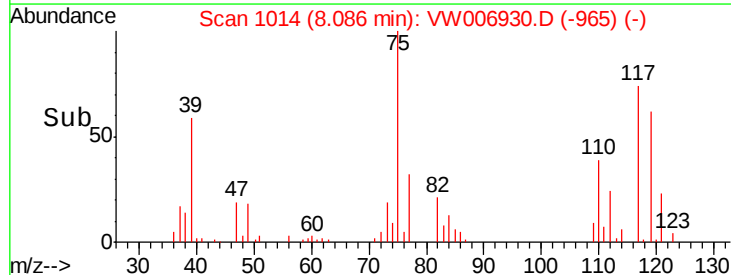
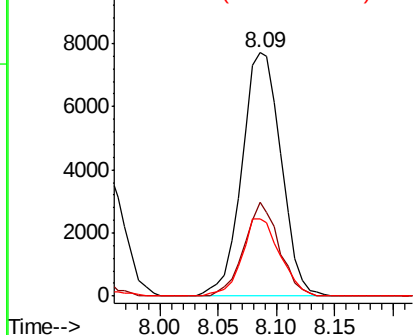


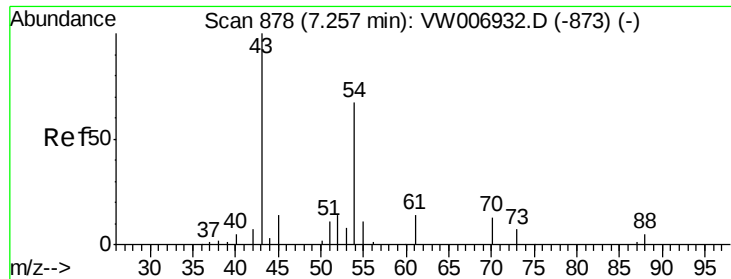
#36
 1,1-Dichloropropene
 Concen: 10.565 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 75 Resp: 18114
 Ion Ratio Lower Upper
 75 100
 110 34.4 18.1 54.1
 77 30.9 25.4 38.0



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

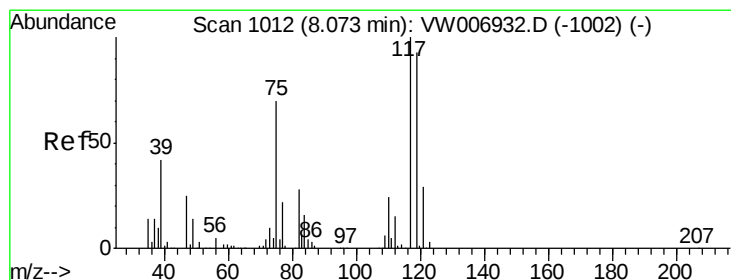
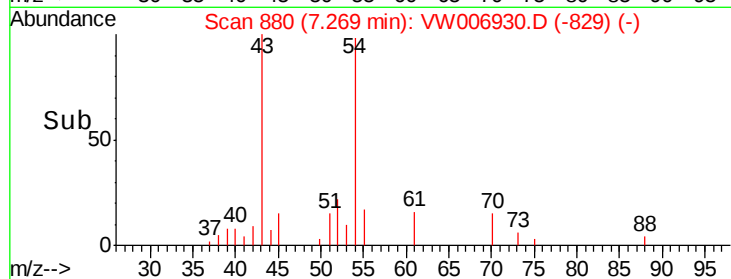
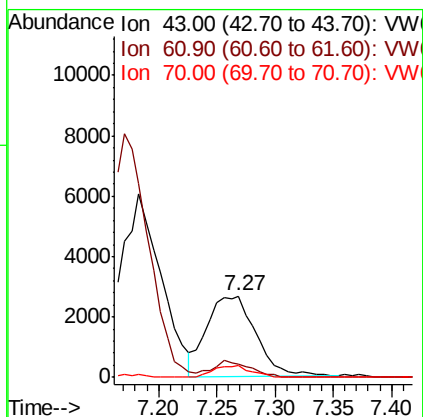
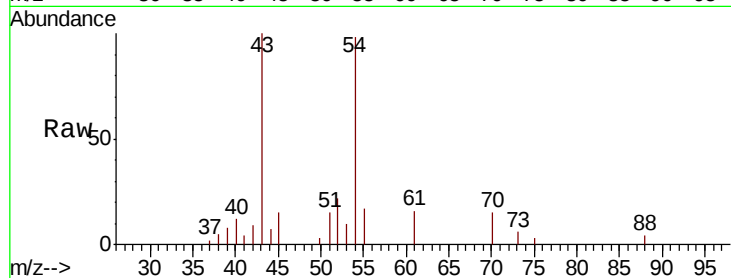




#37
Ethyl Acetate
Concen: 13.060 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

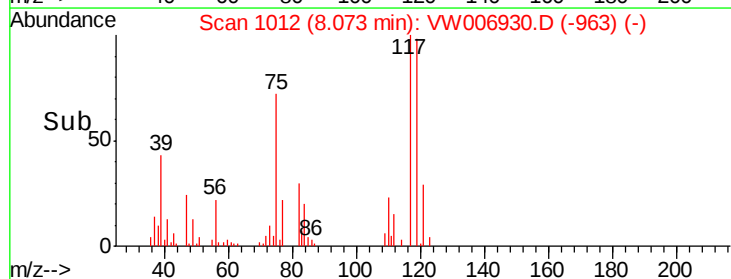
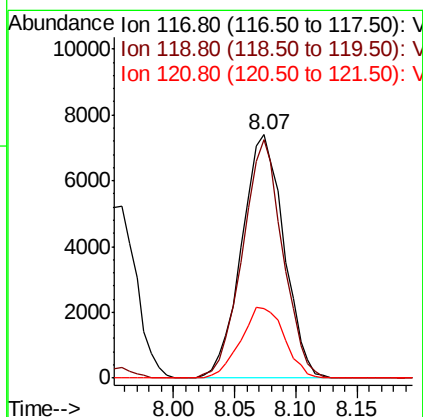
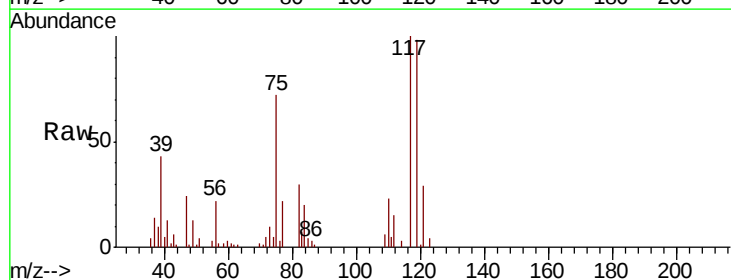
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

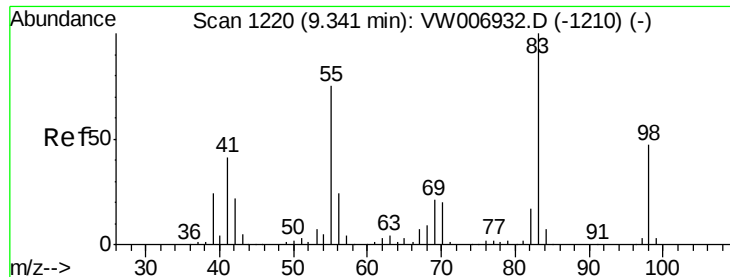
Tgt Ion: 43 Resp: 7649
Ion Ratio Lower Upper
43 100
61 15.6 11.0 16.6
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 9.708 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 117 Resp: 17786
Ion Ratio Lower Upper
117 100
119 98.1 74.2 111.4
121 28.7 23.5 35.3





#39

Methylcyclohexane

Concen: 10.263 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

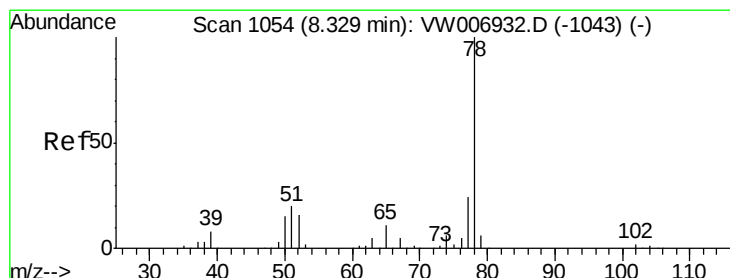
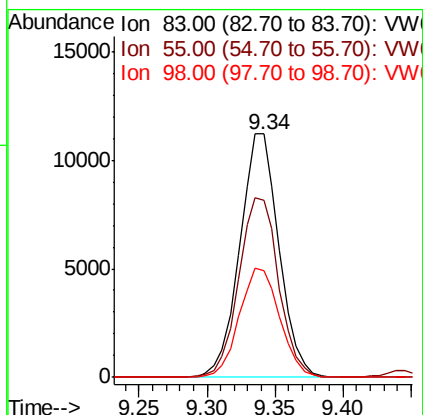
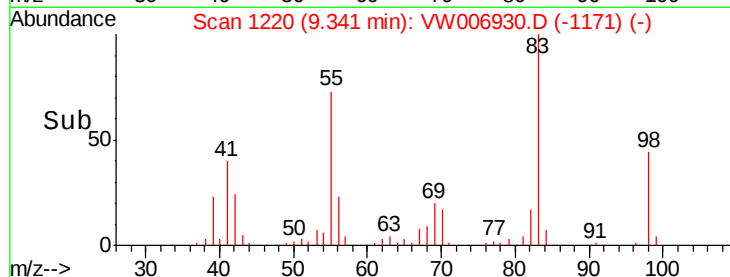
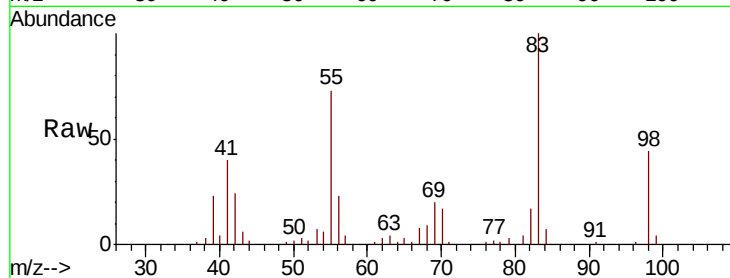
Tgt Ion: 83 Resp: 22562

Ion Ratio Lower Upper

83 100

55 72.8 60.2 90.4

98 43.9 37.3 55.9



#40

Benzene

Concen: 10.352 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW006930.D

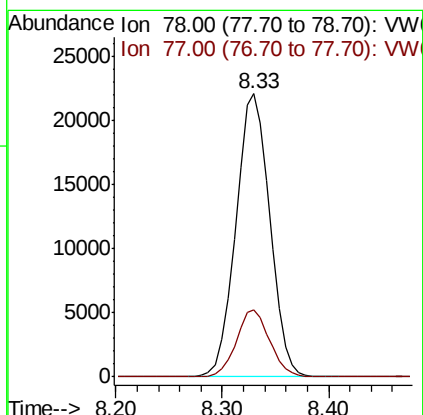
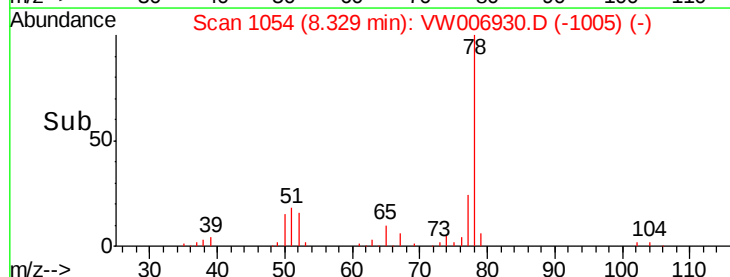
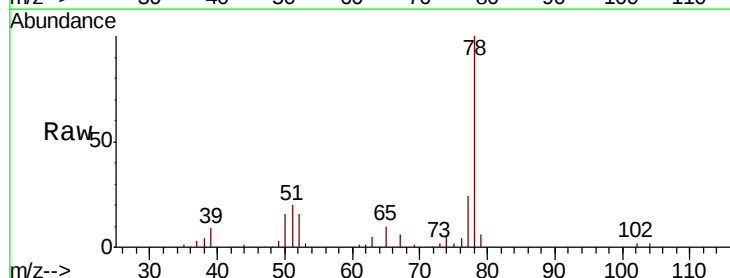
Acq: 16 Nov 2018 23:19

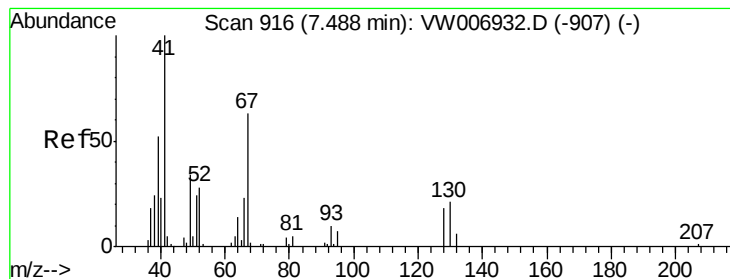
Tgt Ion: 78 Resp: 49584

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 12.861 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 4647

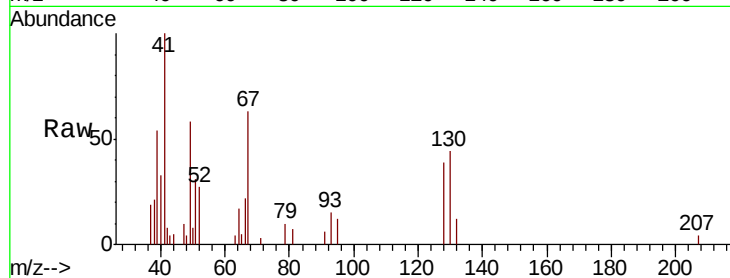
Ion Ratio Lower Upper

41 100

39 51.0 41.8 62.6

67 69.9 54.7 82.1

52 31.2 23.8 35.8

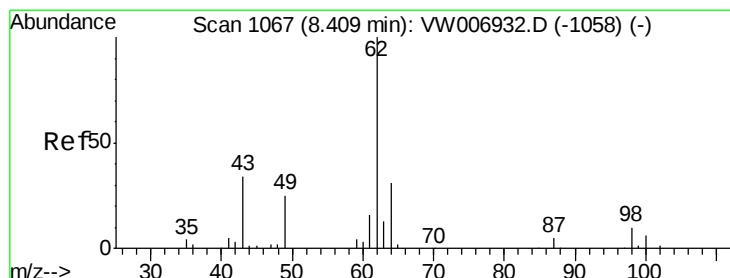
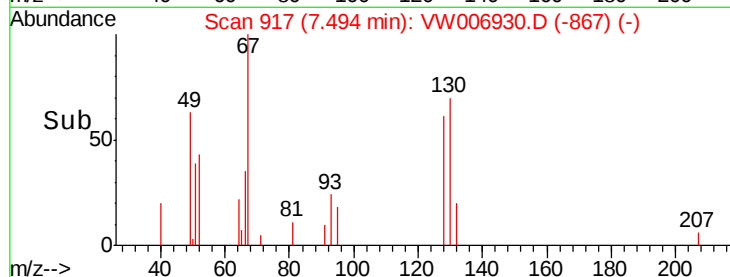
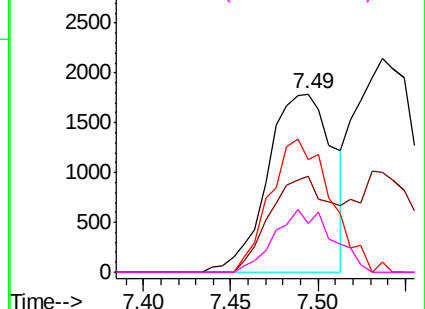


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 11.893 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VW006930.D

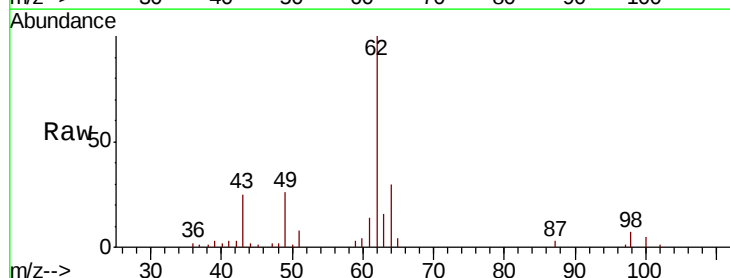
Acq: 16 Nov 2018 23:19

Tgt Ion: 62 Resp: 15499

Ion Ratio Lower Upper

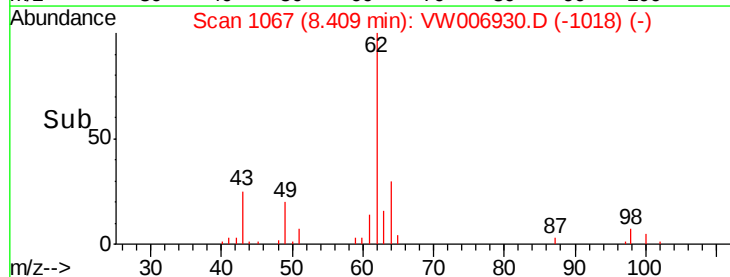
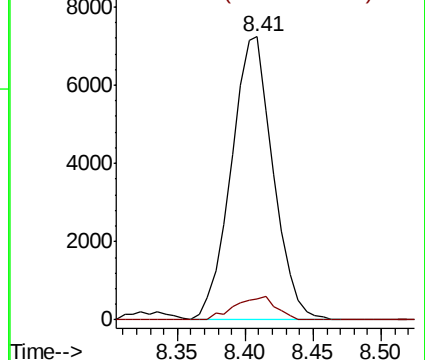
62 100

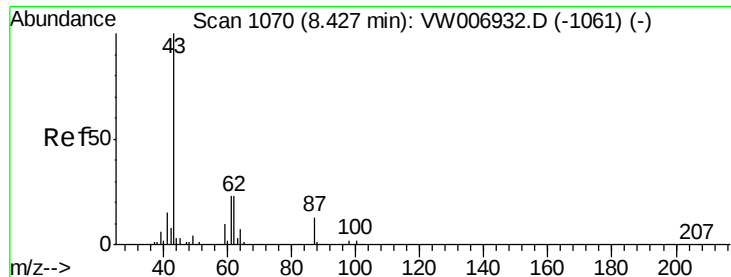
98 8.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 12.177 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

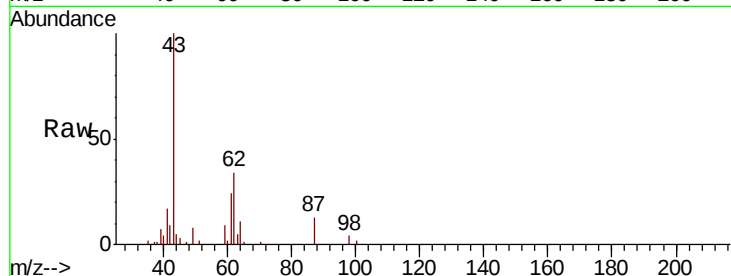
Tgt Ion: 43 Resp: 13891

Ion Ratio Lower Upper

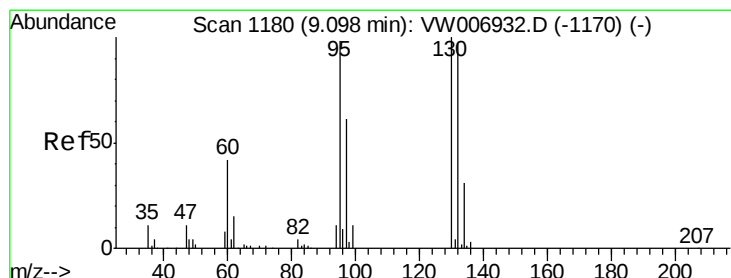
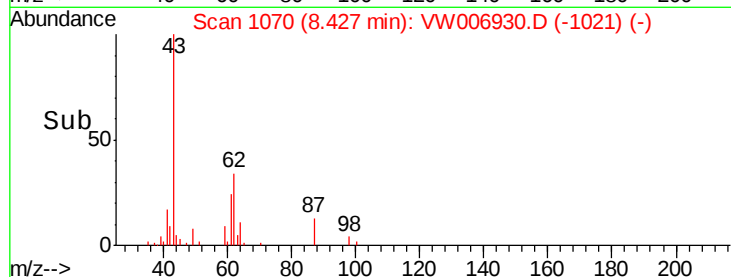
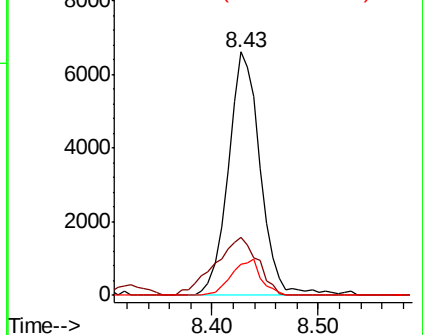
43 100

61 31.8 24.6 37.0

87 13.7 11.0 16.6



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: 8.931 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006930.D

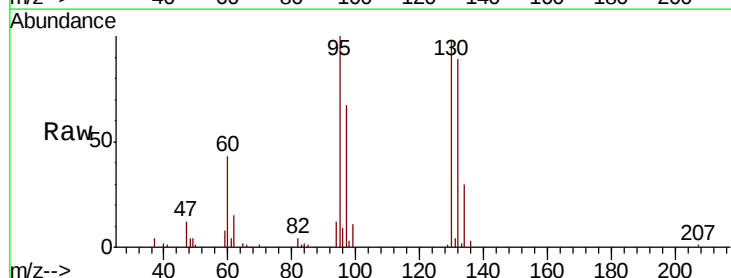
Acq: 16 Nov 2018 23:19

Tgt Ion: 130 Resp: 13180

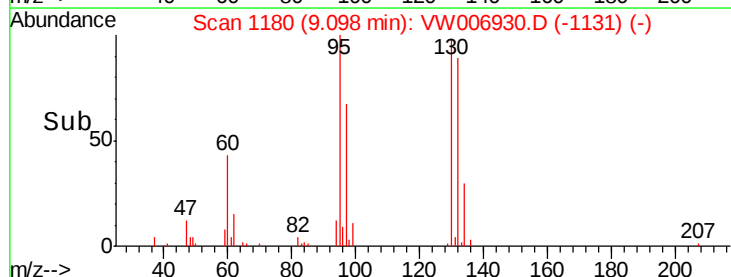
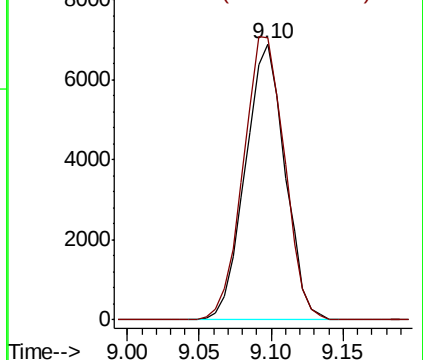
Ion Ratio Lower Upper

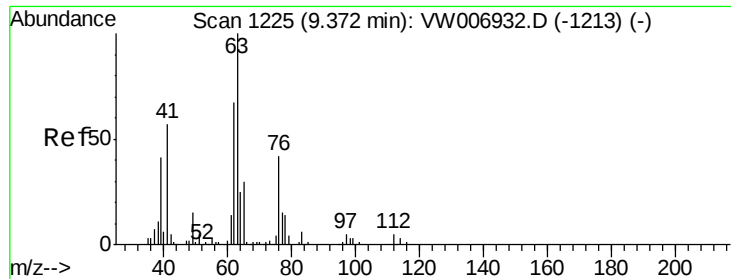
130 100

95 102.2 0.0 196.4



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

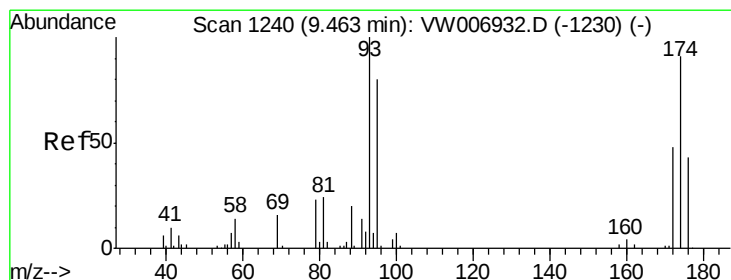
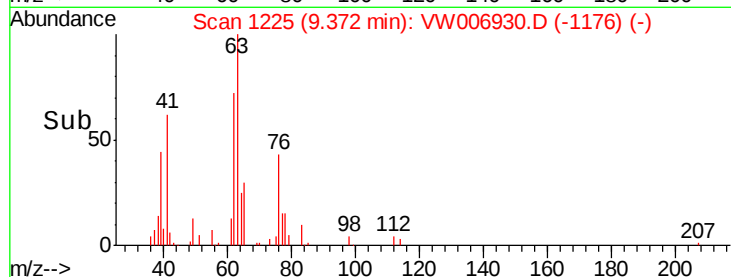
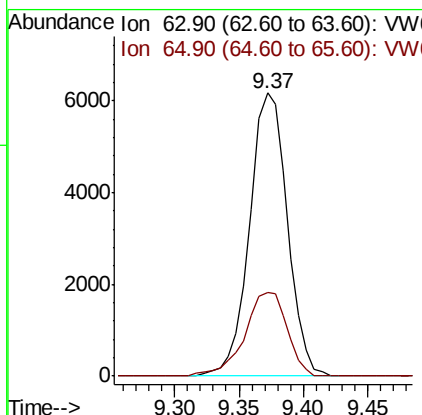
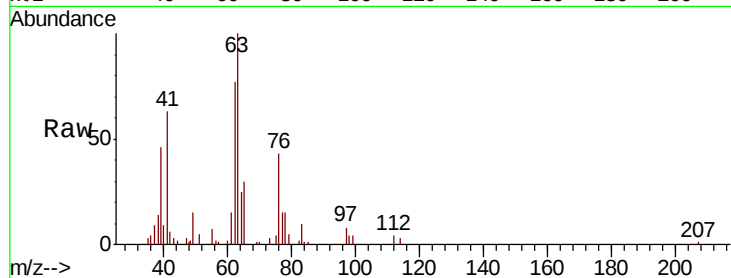




#45
 1,2-Dichloropropane
 Concen: 11.067 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

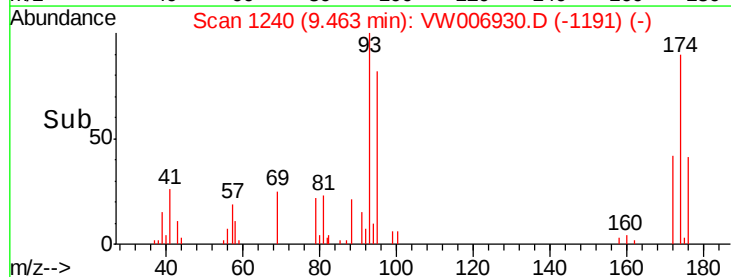
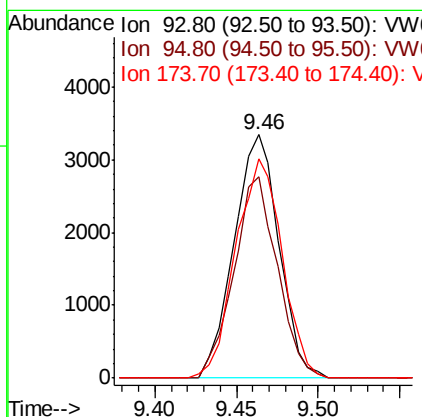
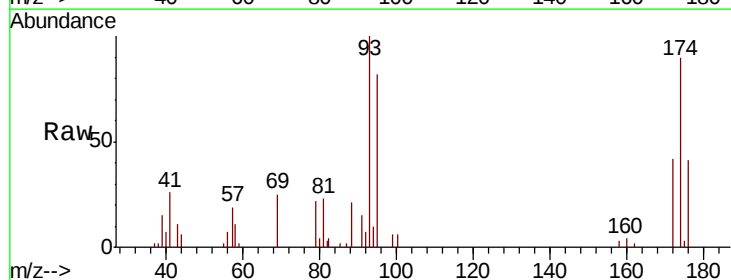
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

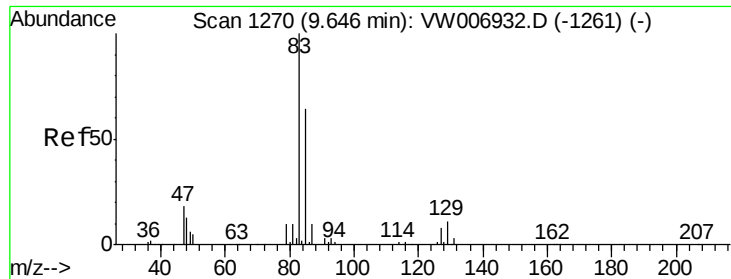
Tgt Ion: 63 Resp: 12499
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.9 35.9



#46
 Dibromomethane
 Concen: 10.360 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 93 Resp: 6416
 Ion Ratio Lower Upper
 93 100
 95 79.9 65.7 98.5
 174 93.0 75.0 112.4





#47

Bromodichloromethane

Concen: 10.918 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

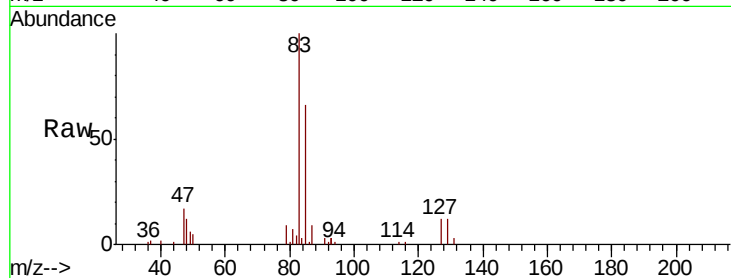
Tgt Ion: 83 Resp: 16906

Ion Ratio Lower Upper

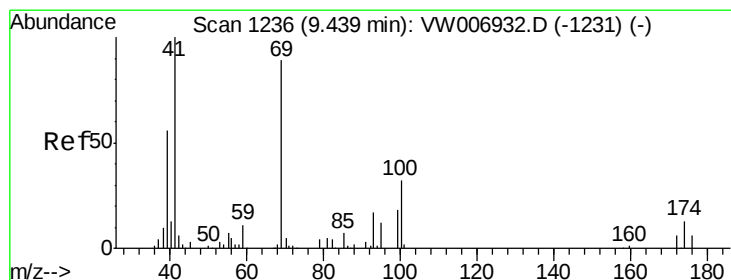
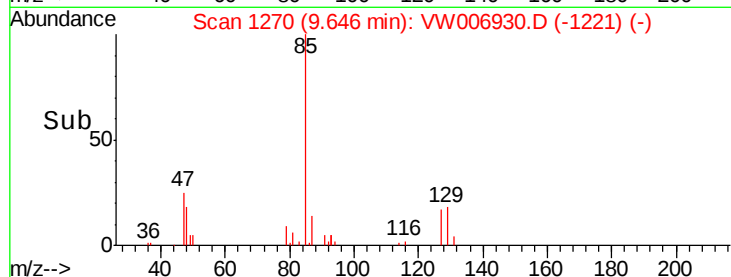
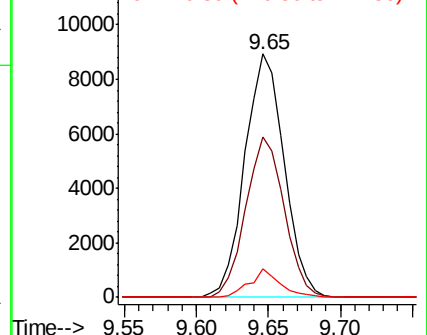
83 100

85 66.0 50.8 76.2

127 11.5 6.6 10.0#



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: 12.434 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

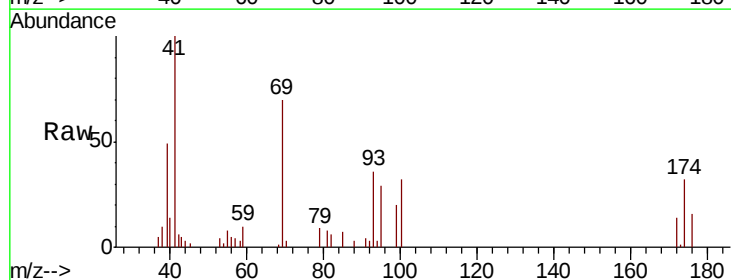
Tgt Ion: 41 Resp: 6900

Ion Ratio Lower Upper

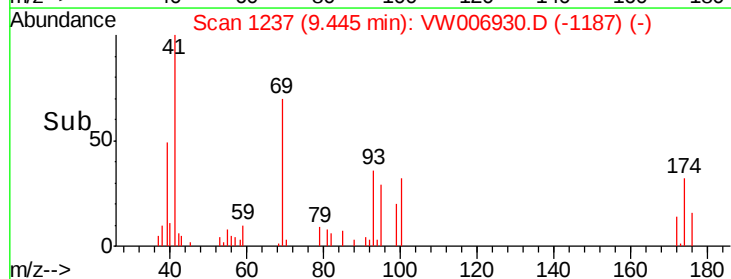
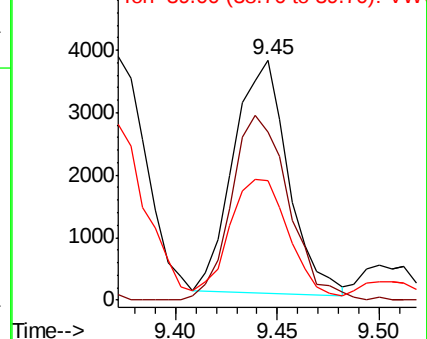
41 100

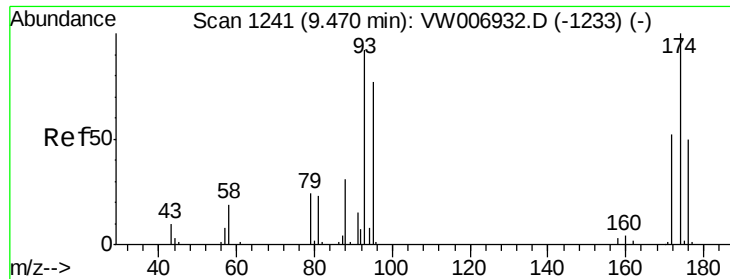
69 84.0 73.4 110.0

39 57.7 46.1 69.1



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

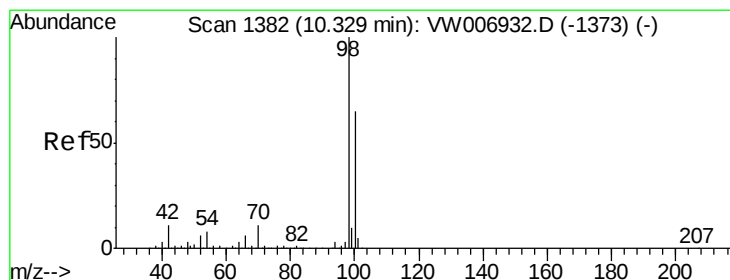
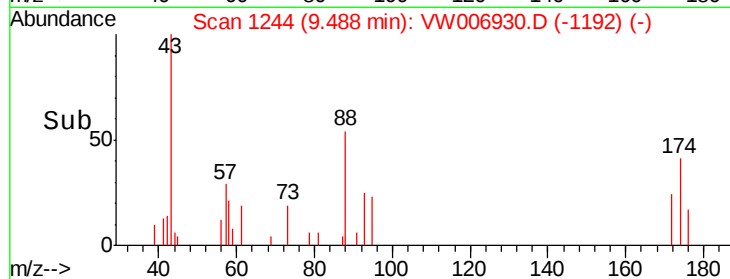
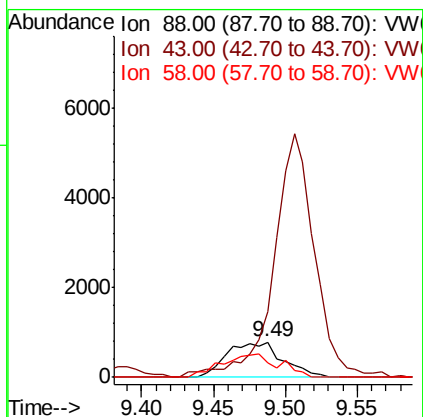
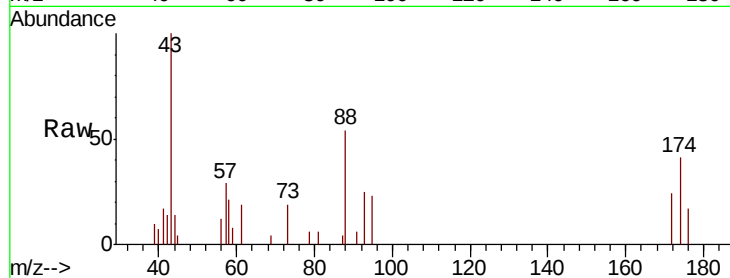




#49
1,4-Dioxane
Concen: 225.292 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

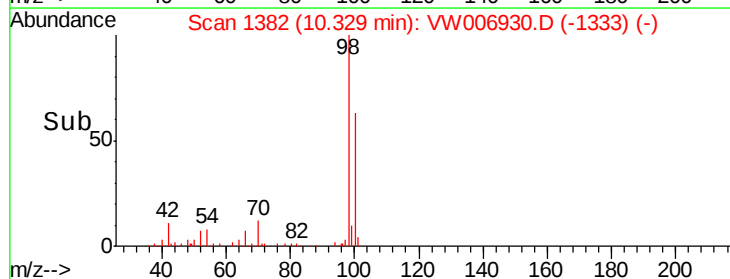
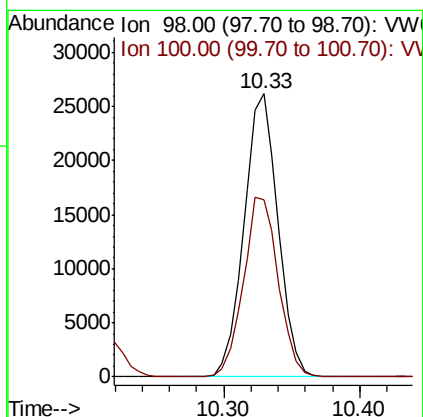
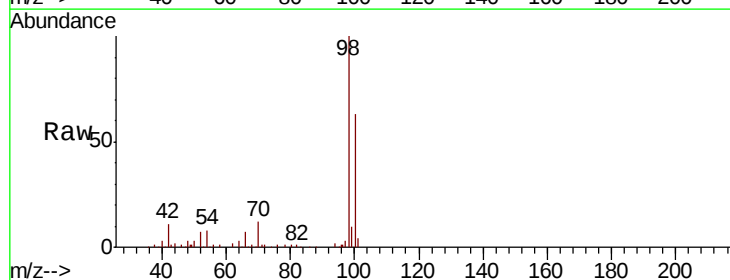
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

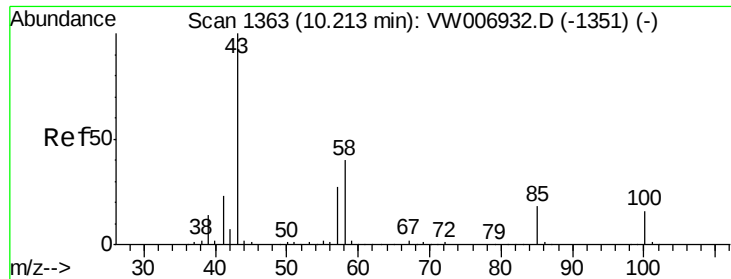
Tgt Ion: 88 Resp: 2117
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.2 57.4 86.2



#50
Toluene-d8
Concen: 9.937 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 98 Resp: 45722
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

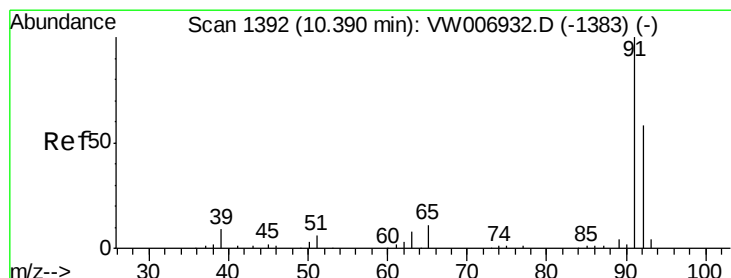
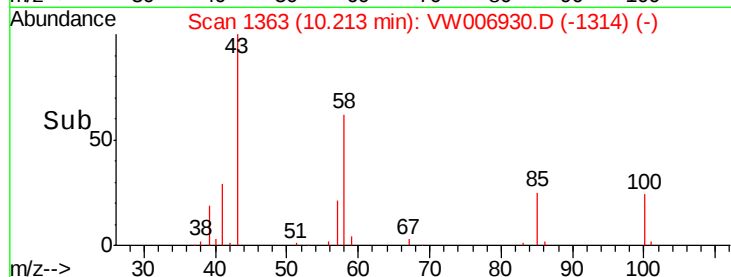
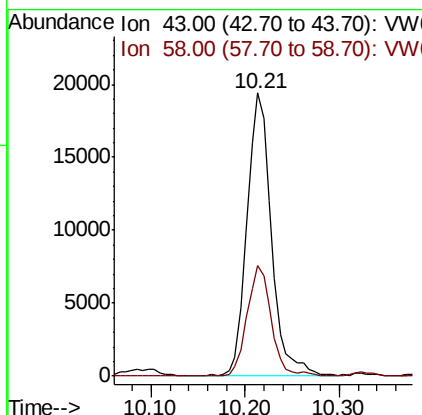
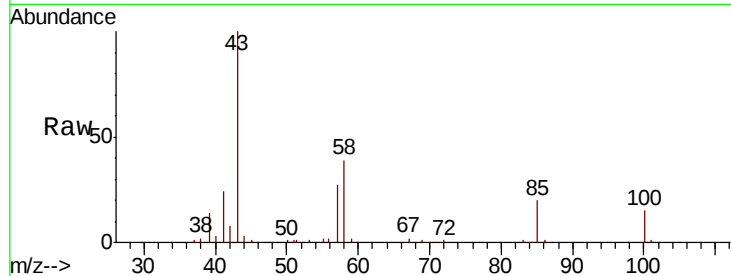




#51
 4-Methyl-2-Pentanone
 Concen: 62.198 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

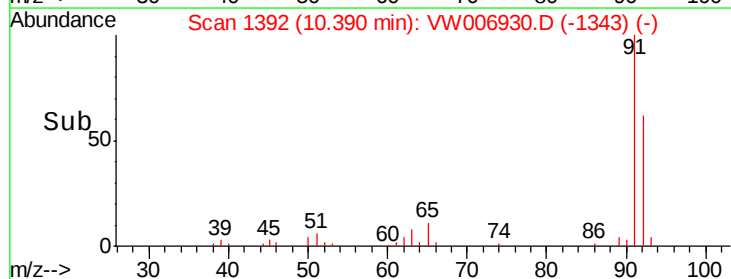
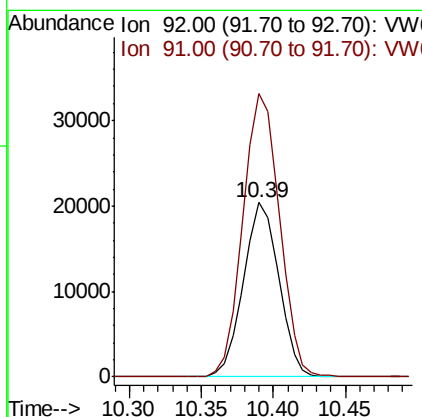
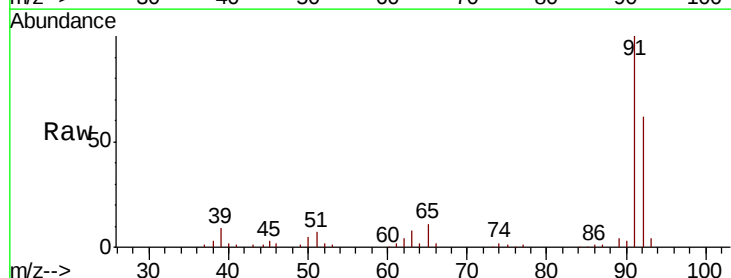
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

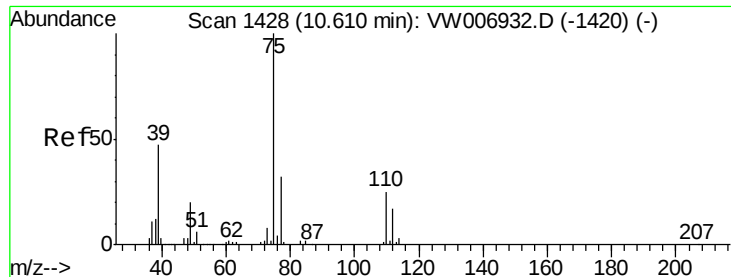
Tgt Ion: 43 Resp: 35450
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4



#52
 Toluene
 Concen: 10.368 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 92 Resp: 34845
 Ion Ratio Lower Upper
 92 100
 91 167.5 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 10.035 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampled :

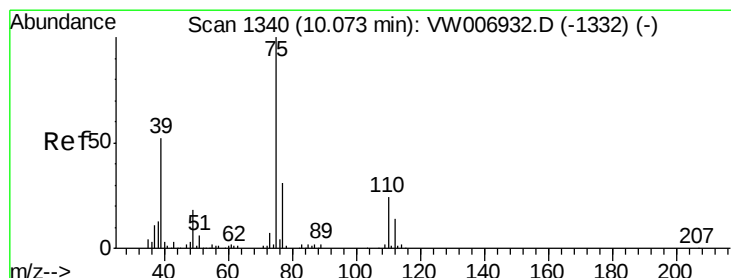
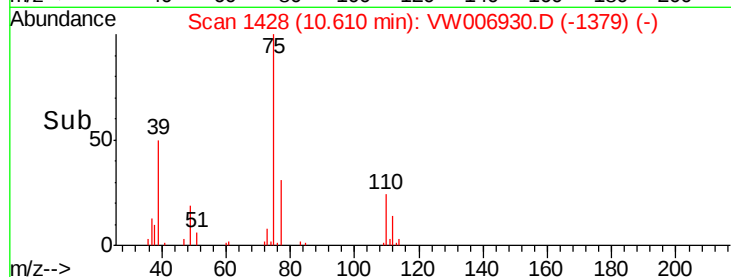
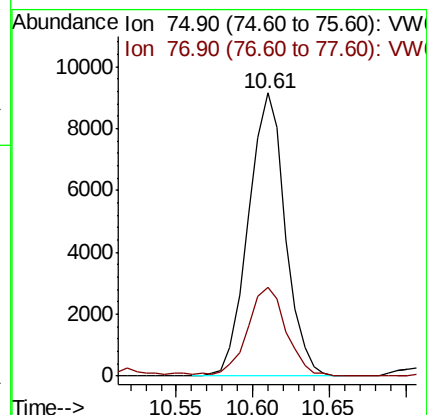
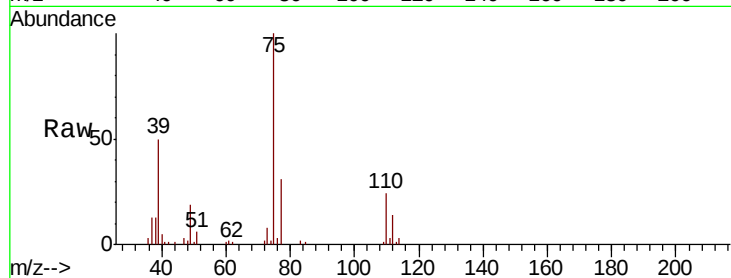
VSTDIC010

Tgt Ion: 75 Resp: 15304

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 10.562 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

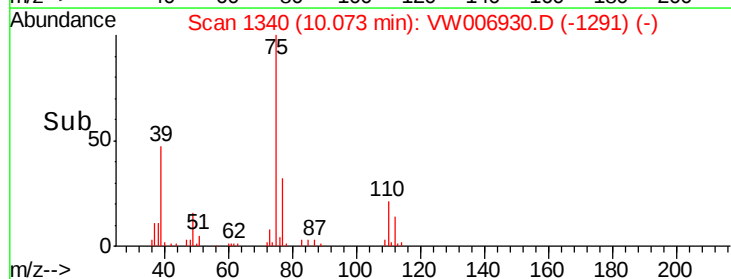
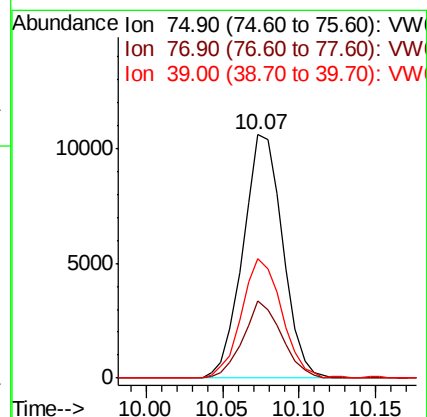
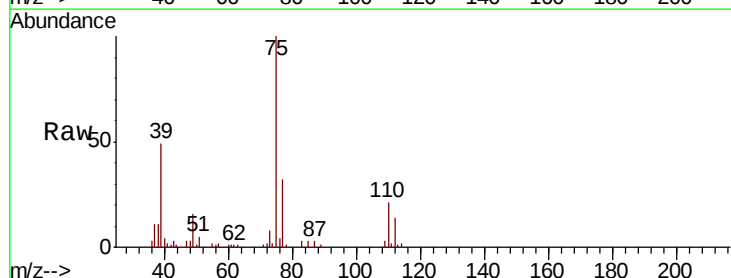
Tgt Ion: 75 Resp: 19114

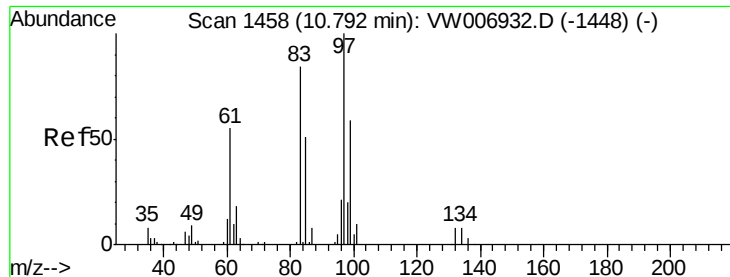
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 48.9 41.4 62.2

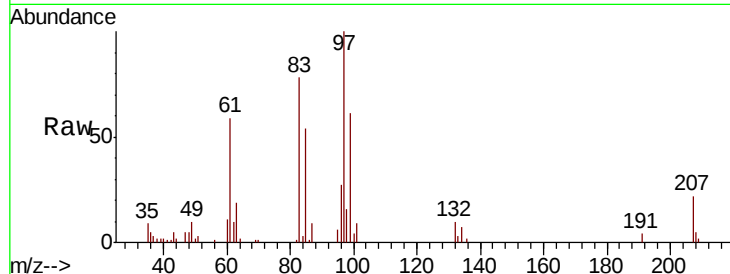




#55
 1,1,2-Trichloroethane
 Concen: 10.150 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	9331
Ion	Ratio	Lower	Upper
97	100		
83	78.3	67.5	101.3
85	53.7	41.0	61.6
99	61.4	47.4	71.2



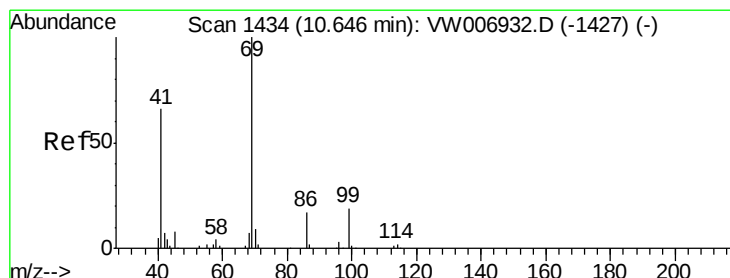
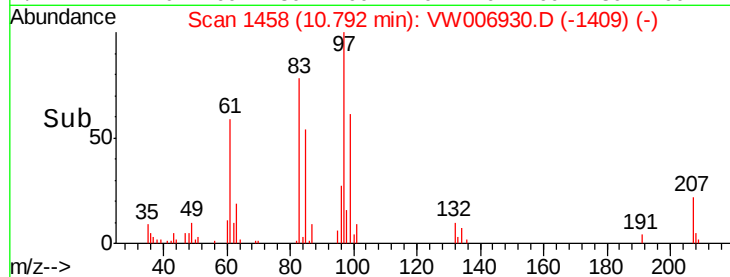
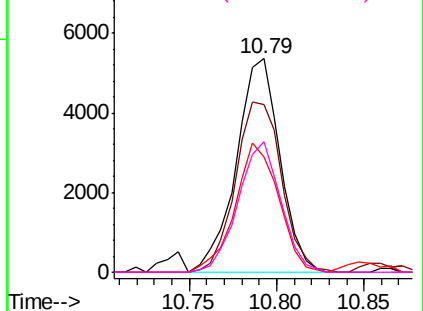
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

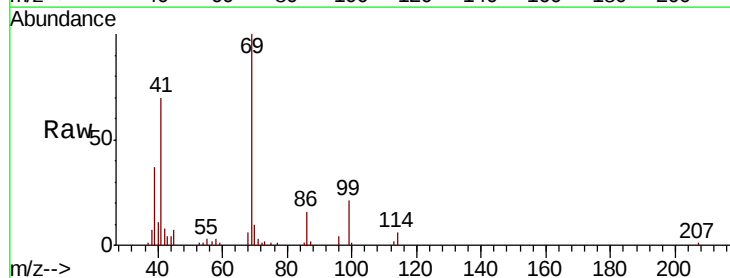
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 10.775 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion:	69	Resp:	11061
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.8	80.6
39	33.7	29.0	43.6

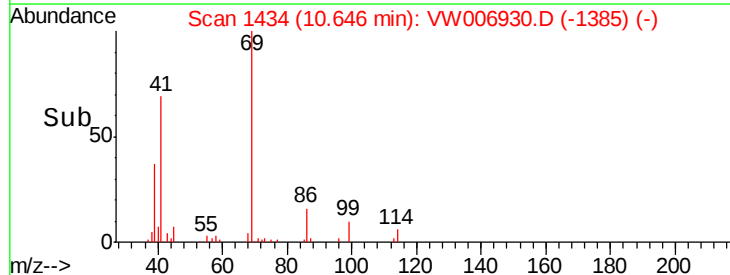
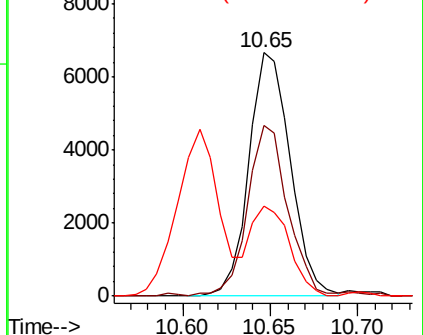


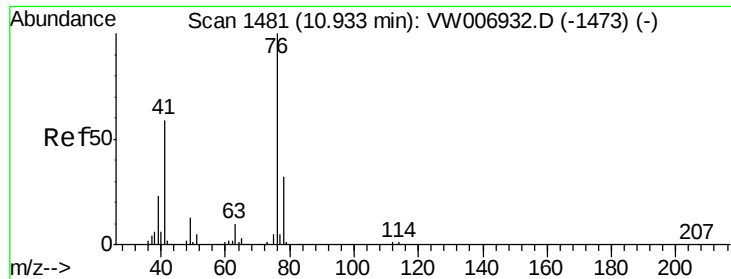
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

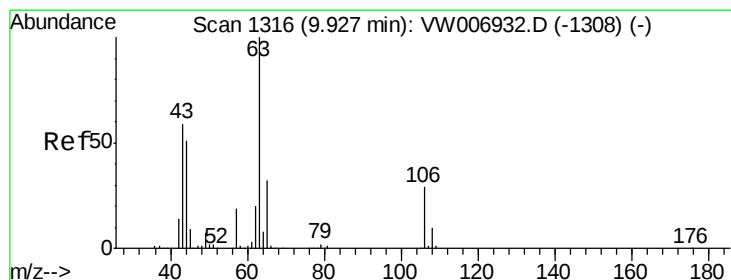
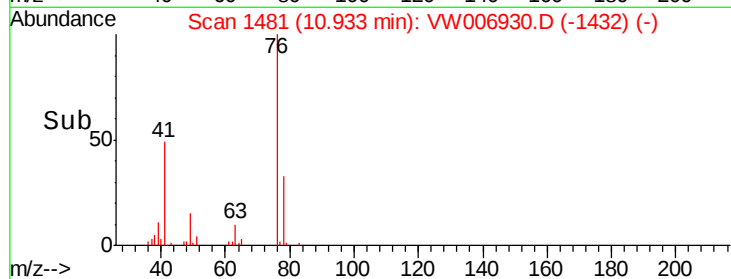
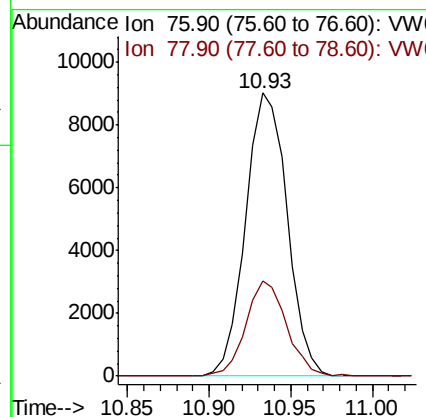
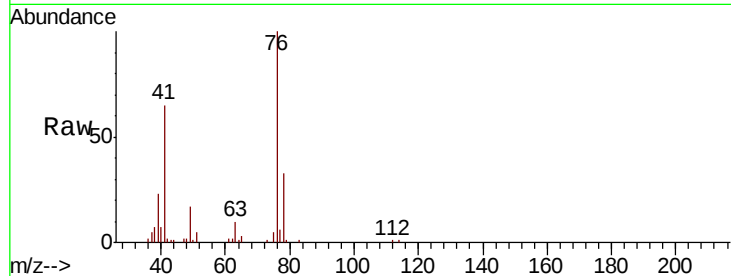




#57
 1,3-Dichloropropane
 Concen: 10.905 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

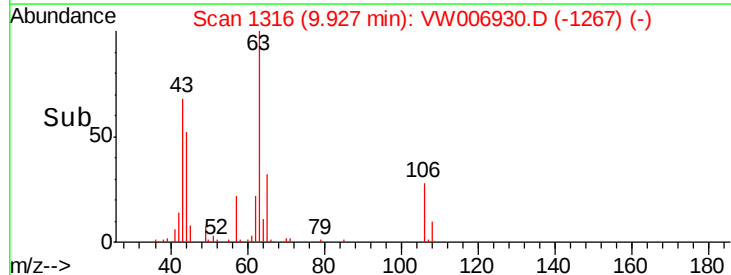
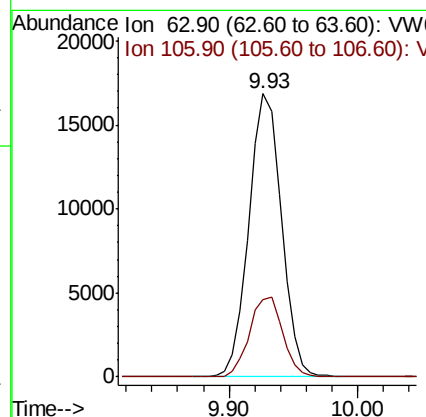
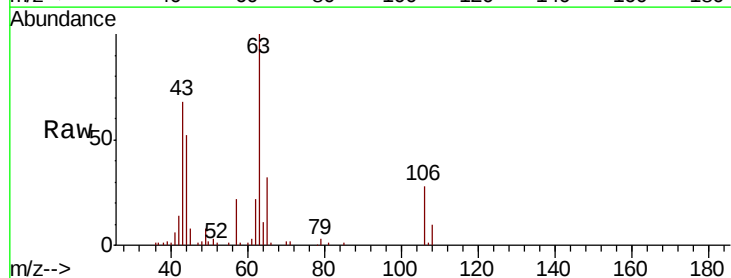
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

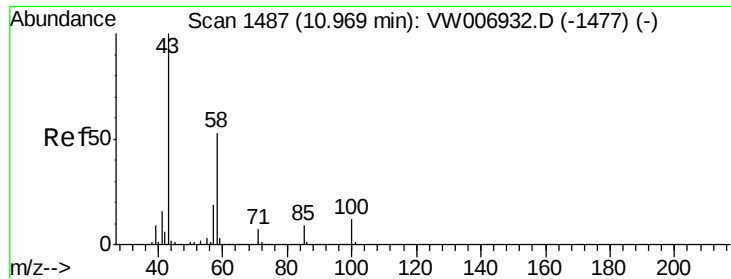
Tgt Ion: 76 Resp: 16041
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 58.225 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 63 Resp: 29446
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.6 33.8

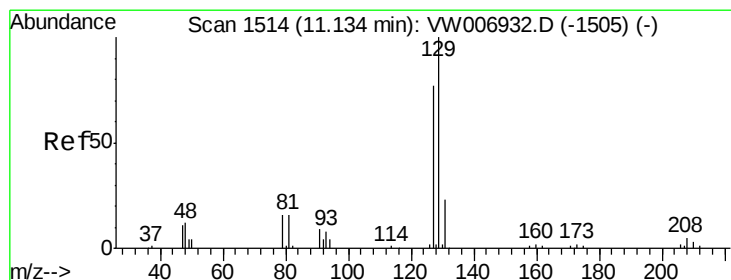
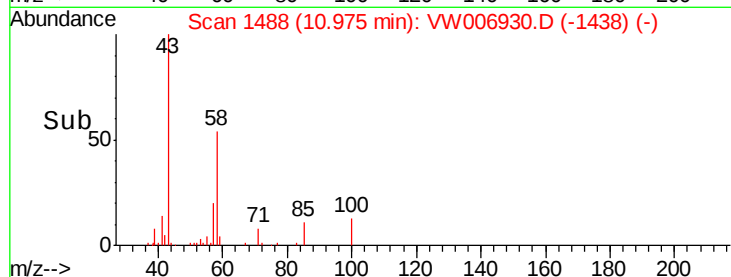
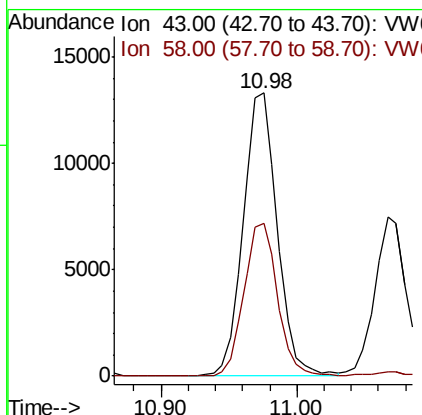
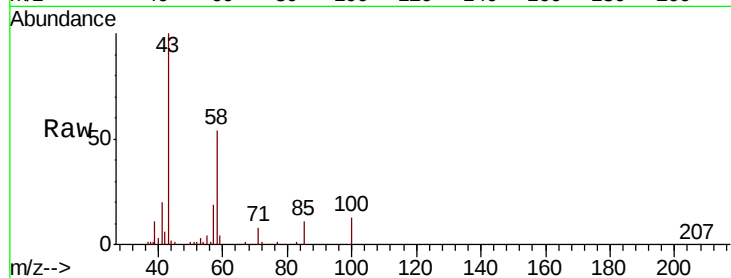




#59
2-Hexanone
Concen: 59.630 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

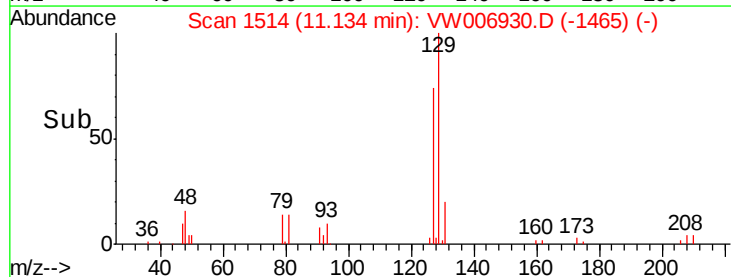
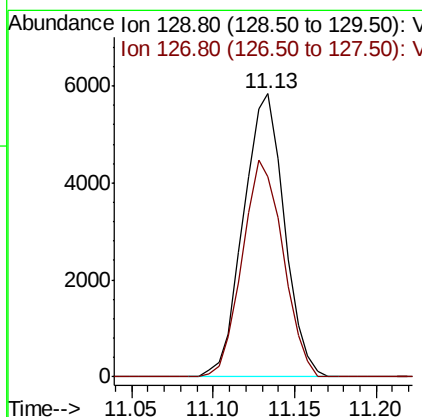
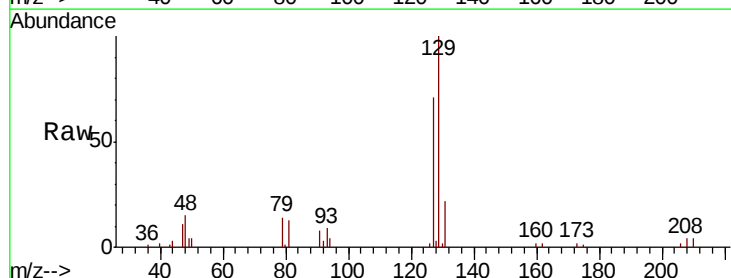
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

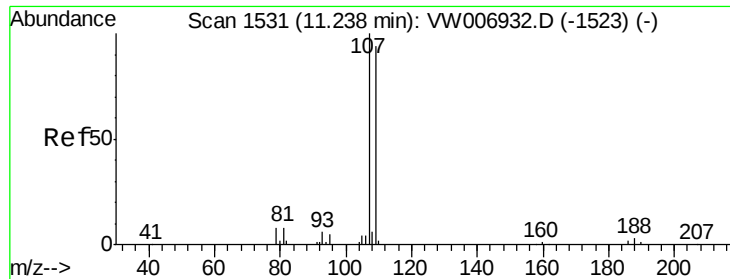
Tgt Ion: 43 Resp: 23312
Ion Ratio Lower Upper
43 100
58 53.0 26.8 80.4



#60
Dibromochloromethane
Concen: 9.180 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 129 Resp: 10209
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3

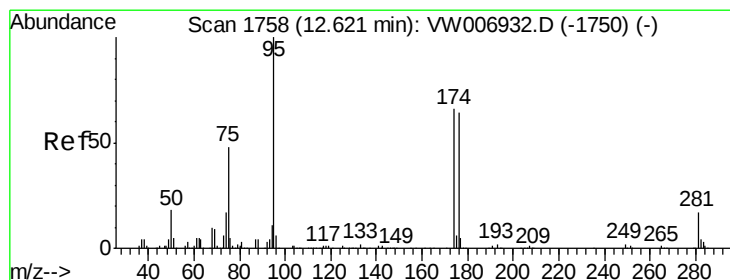
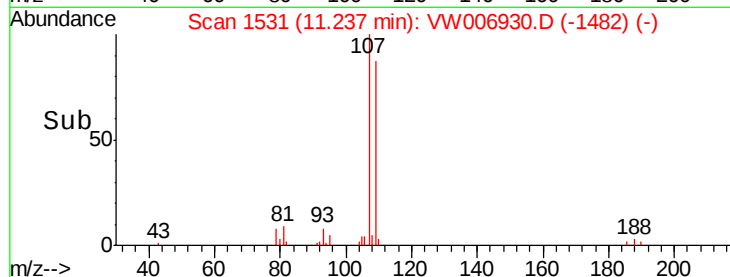
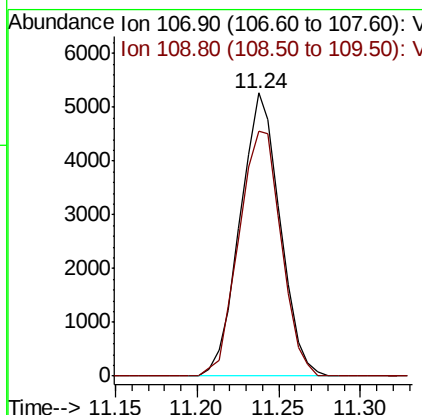
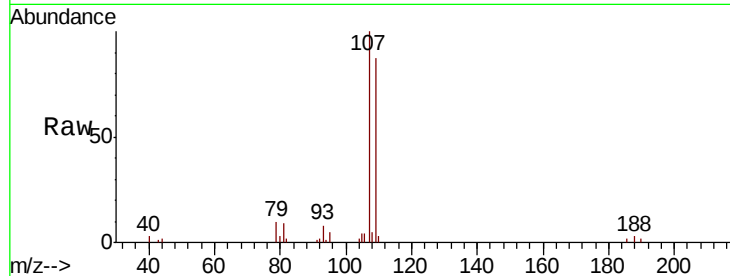




#61
 1,2-Dibromoethane
 Concen: 10.333 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

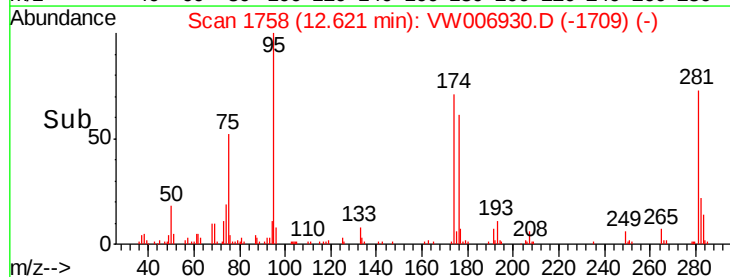
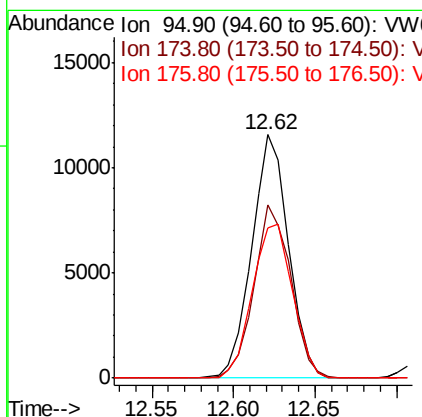
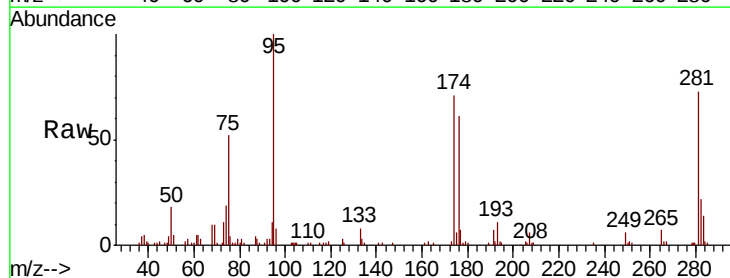
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

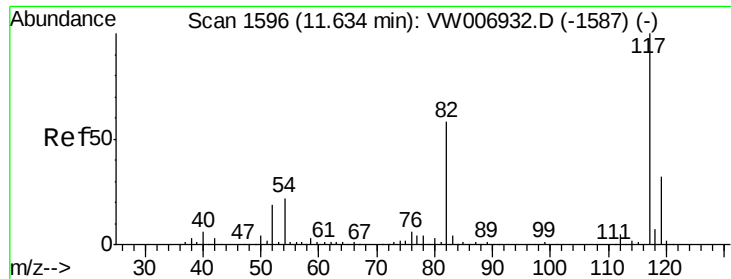
Tgt Ion: 107 Resp: 8980
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 10.577 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 95 Resp: 18101
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 138.4
 176 68.8 0.0 133.4

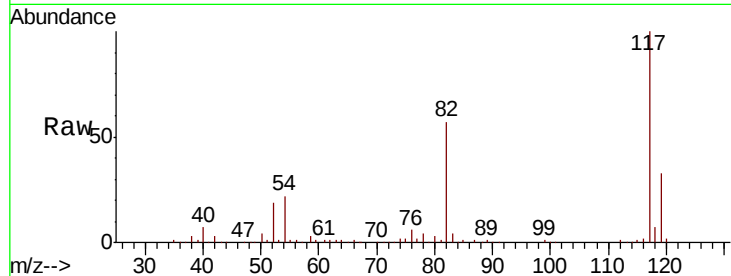




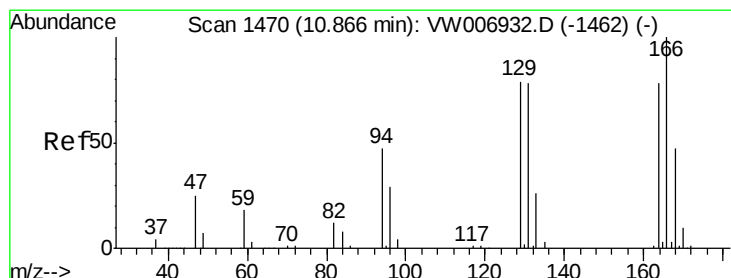
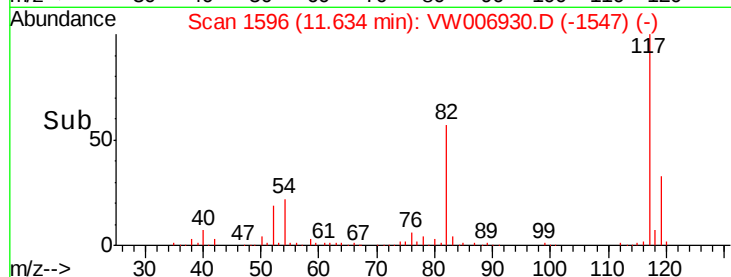
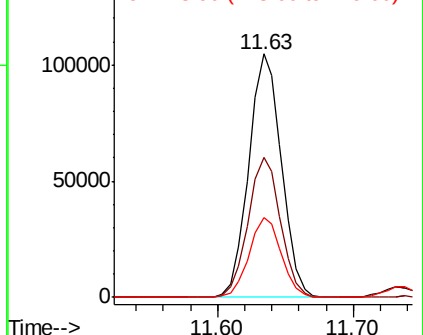
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:117 Resp: 175869
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 32.9 25.5 38.3

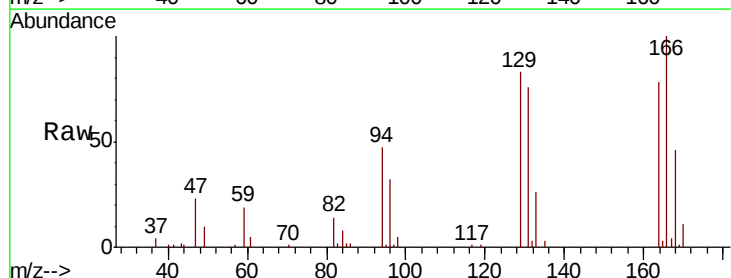


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

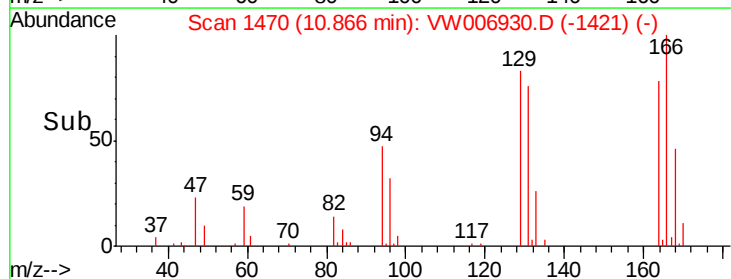
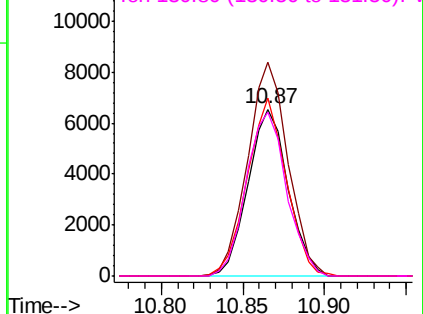


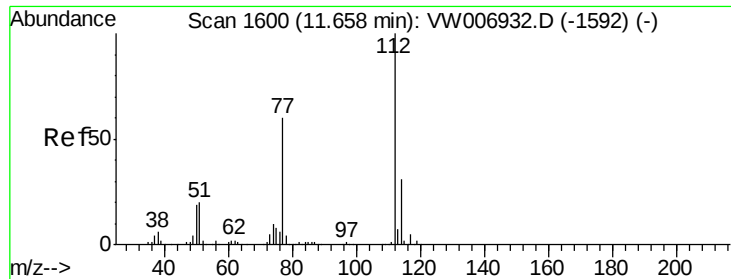
#64
Tetrachloroethene
Concen: 8.182 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion:164 Resp: 11127
Ion Ratio Lower Upper
164 100
166 128.2 102.6 154.0
129 106.6 81.0 121.4
131 98.0 80.2 120.2



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: 9.650 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

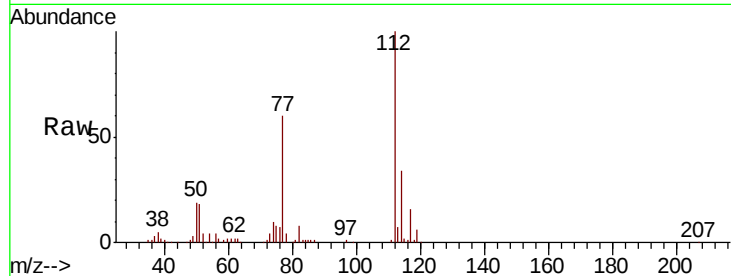
VSTDIC010

Tgt Ion:112 Resp: 37370

Ion Ratio Lower Upper

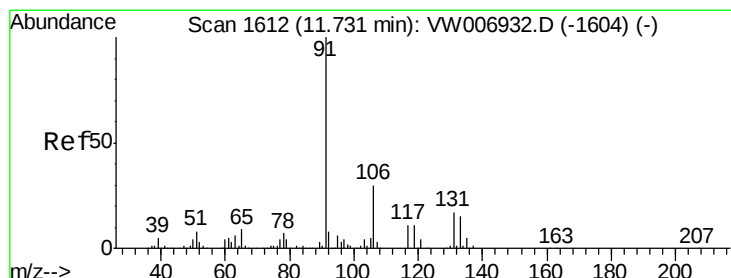
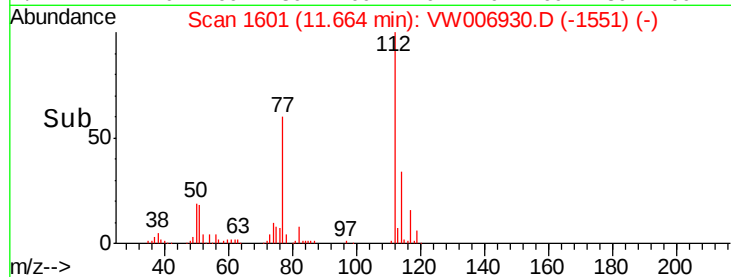
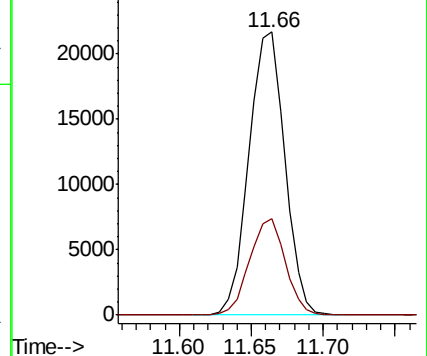
112 100

114 33.9 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.183 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

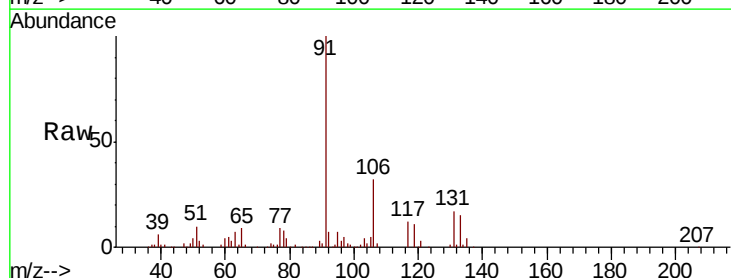
Tgt Ion:131 Resp: 11508

Ion Ratio Lower Upper

131 100

133 93.7 47.2 141.6

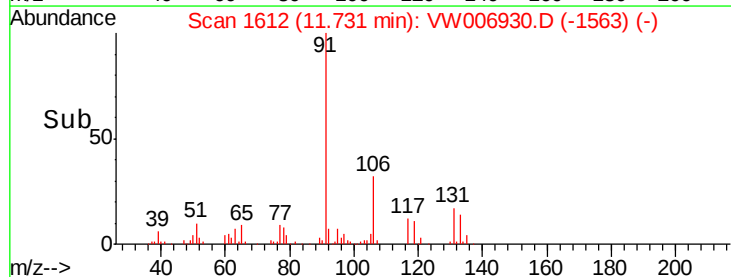
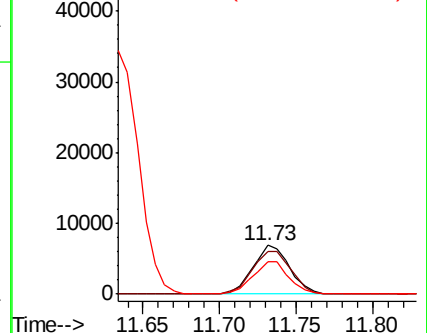
119 65.2 32.5 97.4

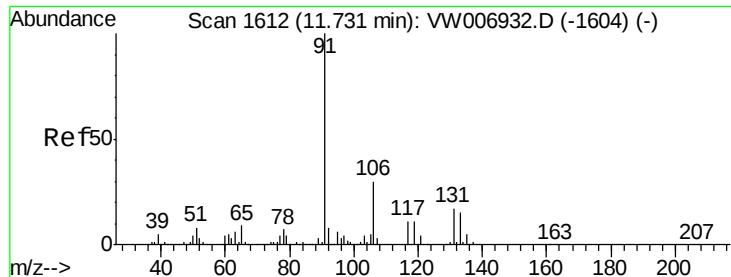


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 10.211 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

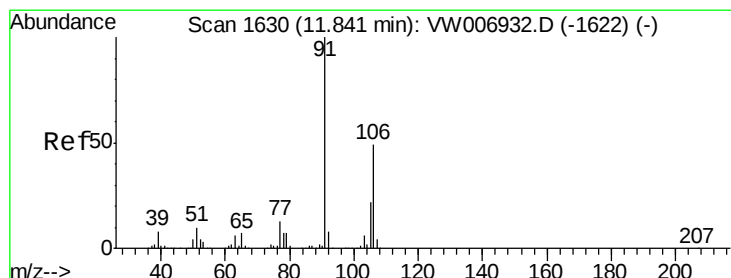
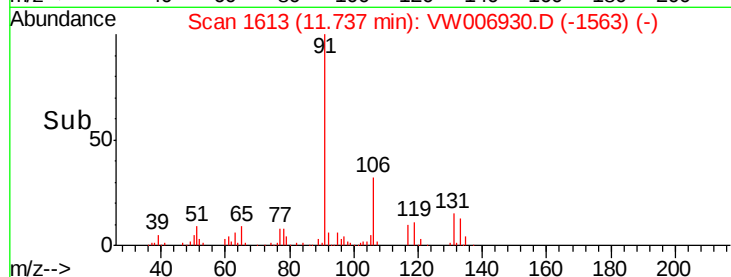
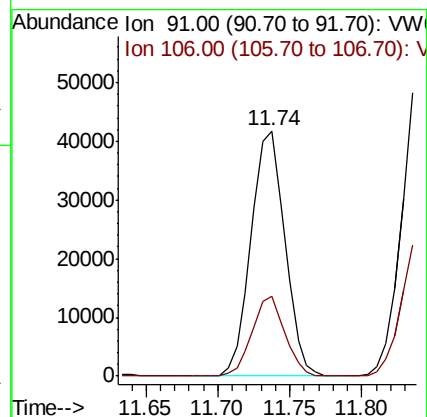
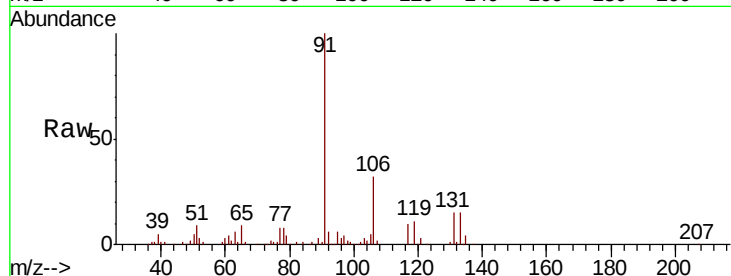
VSTDIC010

Tgt Ion: 91 Resp: 67881

Ion Ratio Lower Upper

91 100

106 32.3 24.0 36.0



#68

m/p-Xylenes

Concen: 20.045 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW006930.D

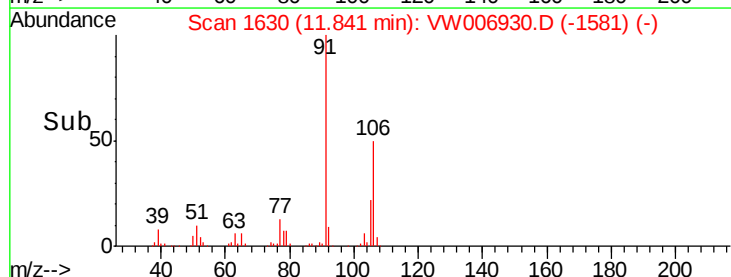
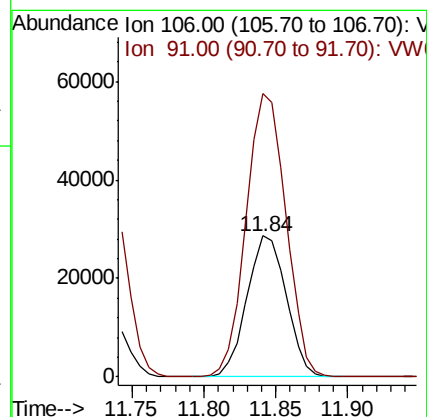
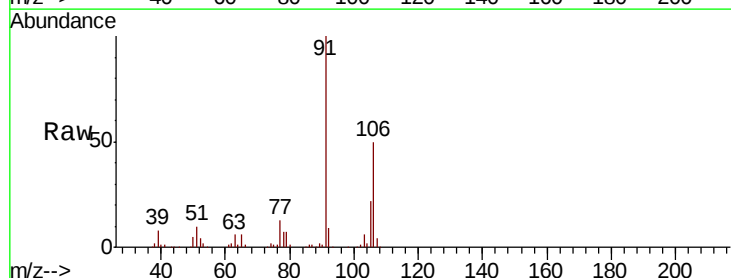
Acq: 16 Nov 2018 23:19

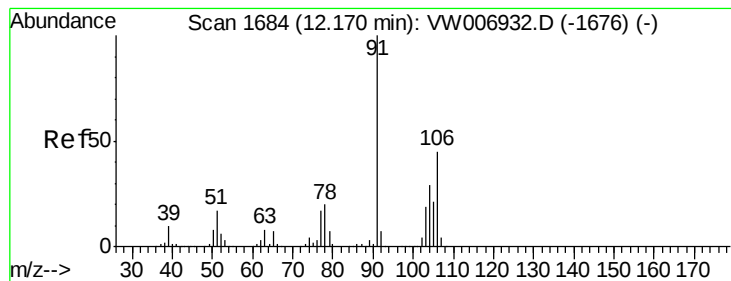
Tgt Ion: 106 Resp: 54021

Ion Ratio Lower Upper

106 100

91 203.5 165.0 247.4





#69

o-Xylene

Concen: 9.985 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

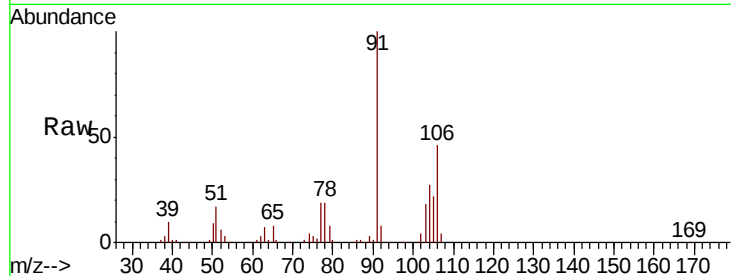
VSTDIC010

Tgt Ion:106 Resp: 25109

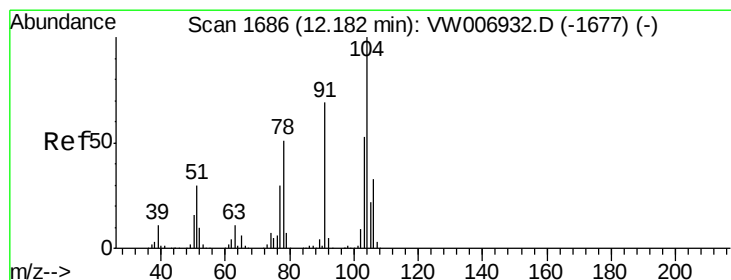
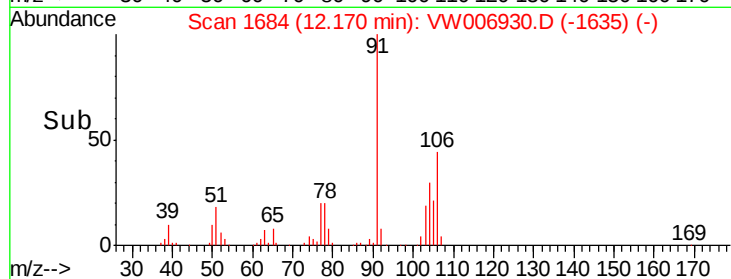
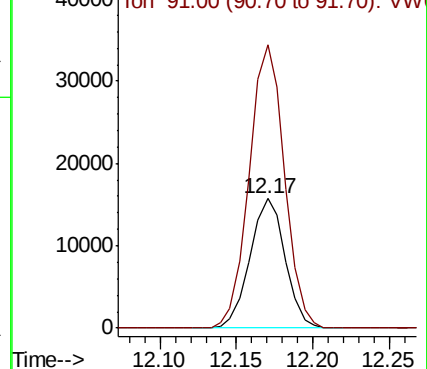
Ion Ratio Lower Upper

106 100

91 219.4 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 9.970 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

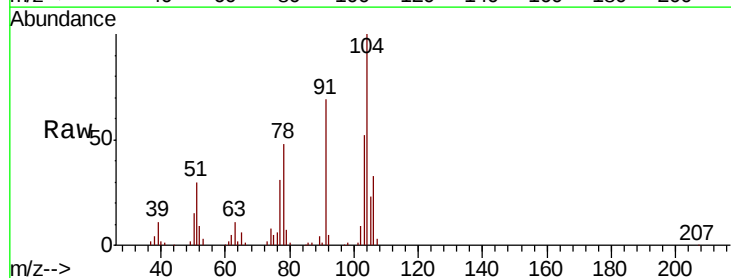
Tgt Ion:104 Resp: 40217

Ion Ratio Lower Upper

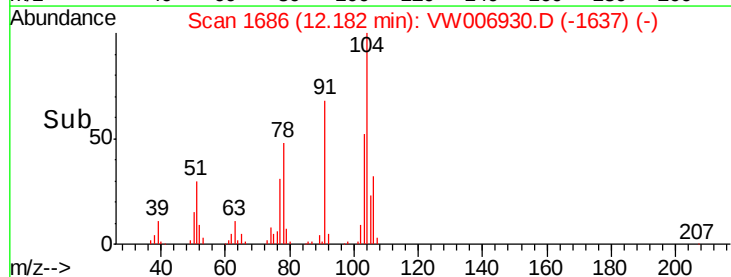
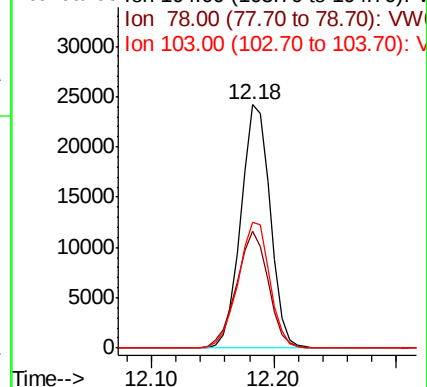
104 100

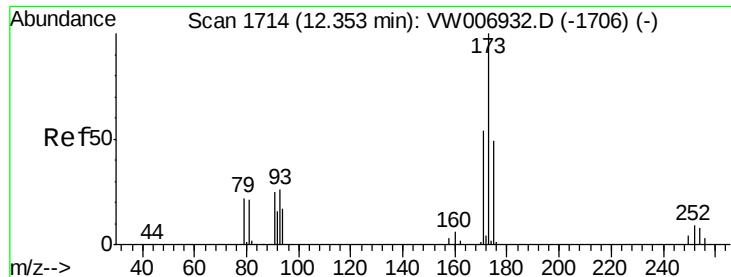
78 51.6 42.5 63.7

103 55.5 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V





#71

Bromoform

Concen: 7.814 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

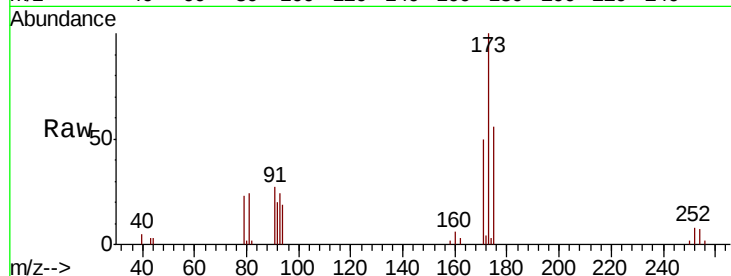
Tgt Ion:173 Resp: 5216

Ion Ratio Lower Upper

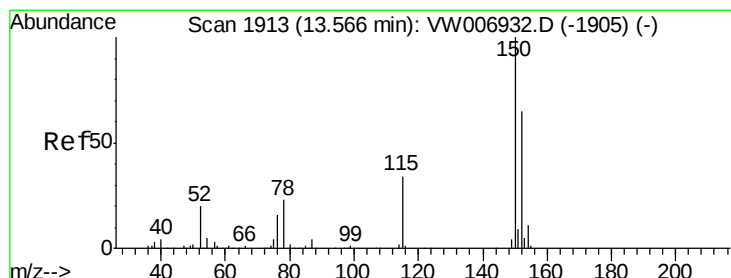
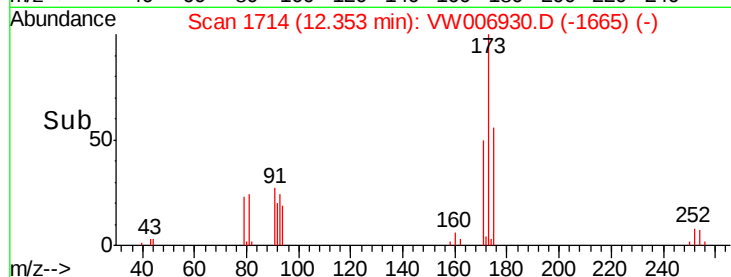
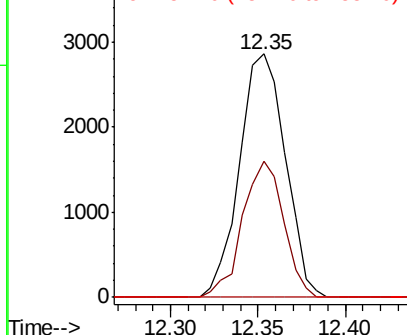
173 100

175 50.0 24.0 72.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

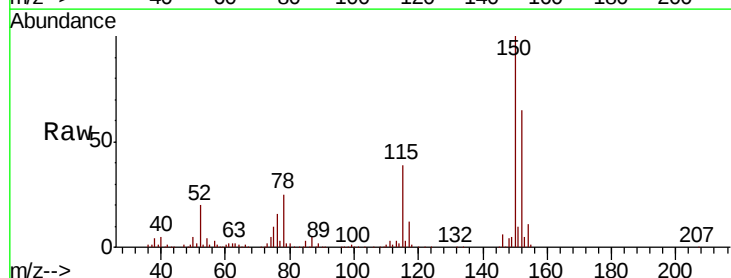
Tgt Ion:152 Resp: 88039

Ion Ratio Lower Upper

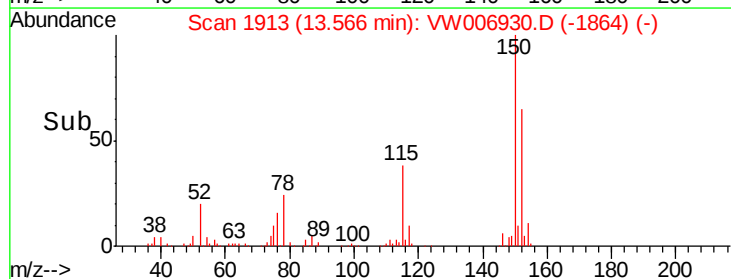
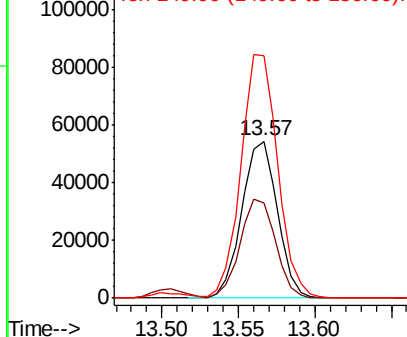
152 100

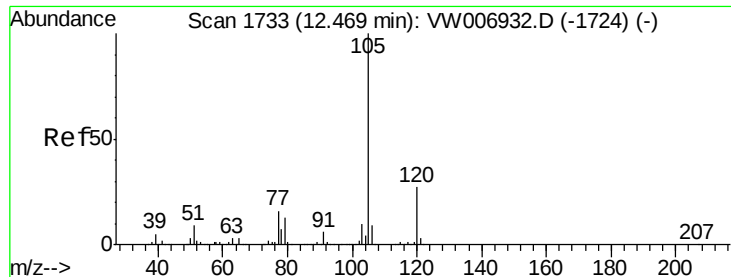
115 62.9 31.6 94.7

150 160.5 0.0 350.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.786 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

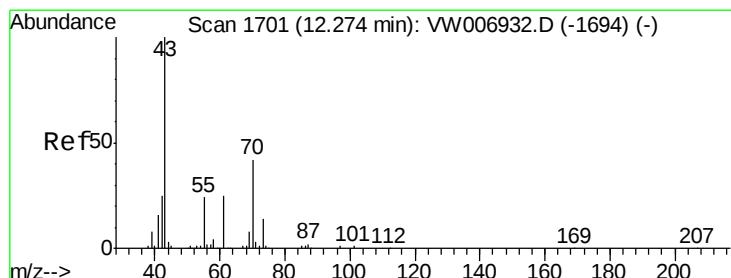
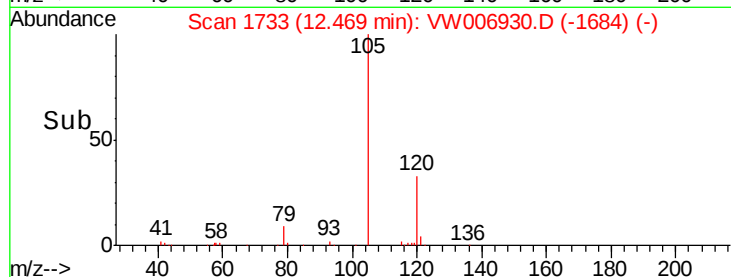
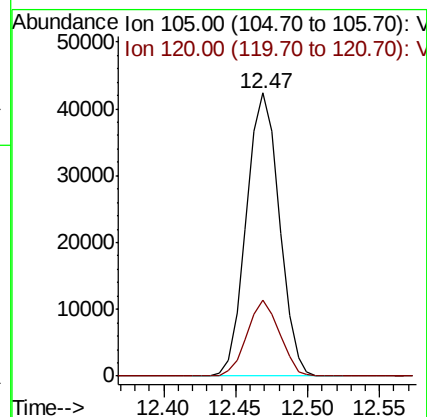
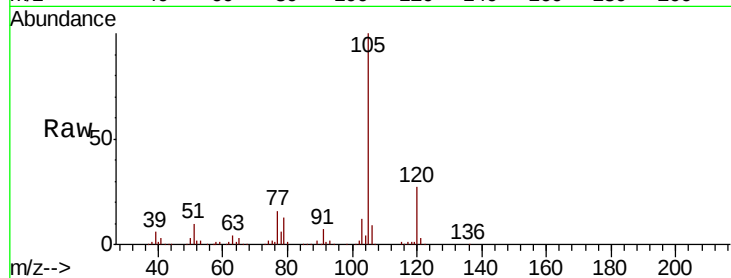
VSTDIC010

Tgt Ion:105 Resp: 67288

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 13.188 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Tgt Ion: 43 Resp: 13193

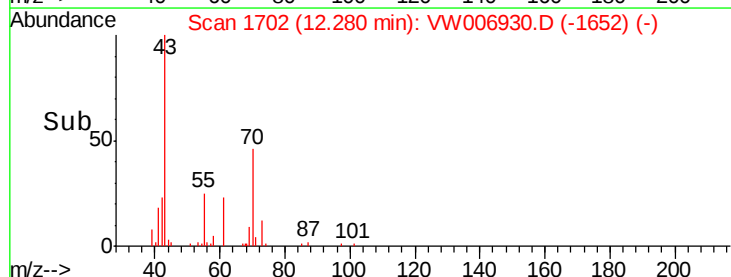
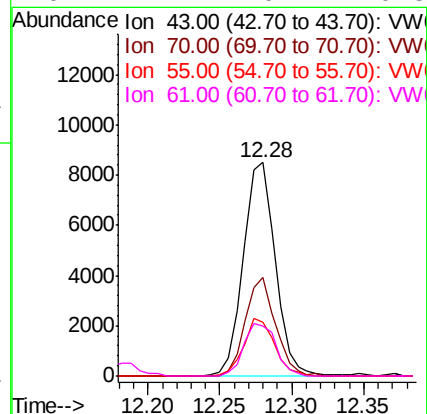
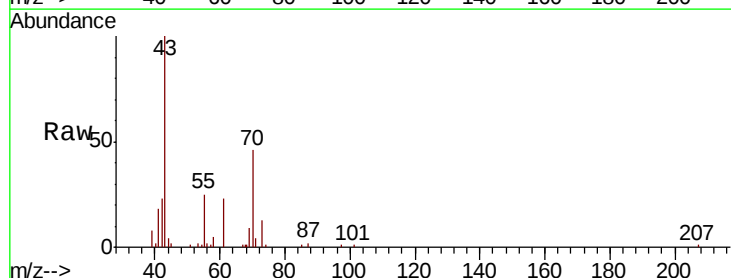
Ion Ratio Lower Upper

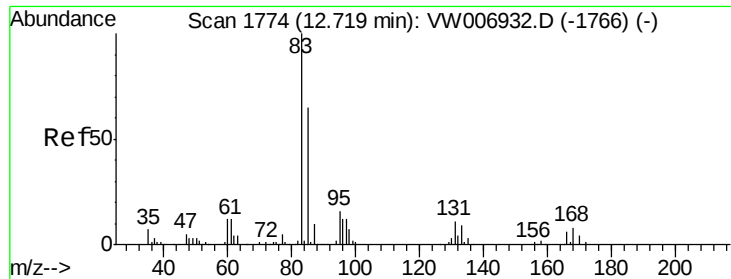
43 100

70 43.0 34.2 51.4

55 25.8 19.5 29.3

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 11.024 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

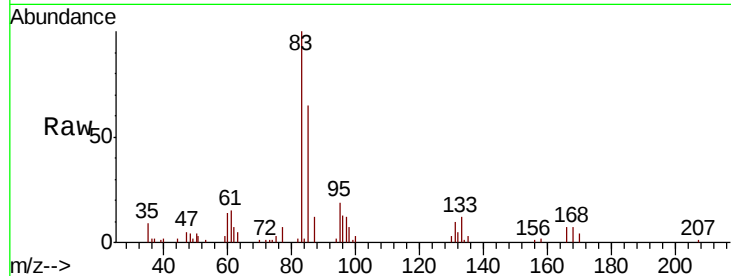
Tgt Ion: 83 Resp: 9597

Ion Ratio Lower Upper

83 100

131 11.9 5.6 16.8

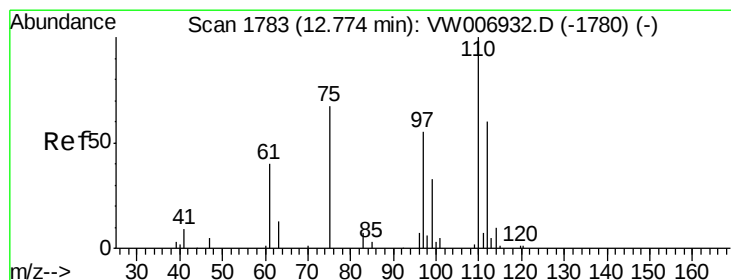
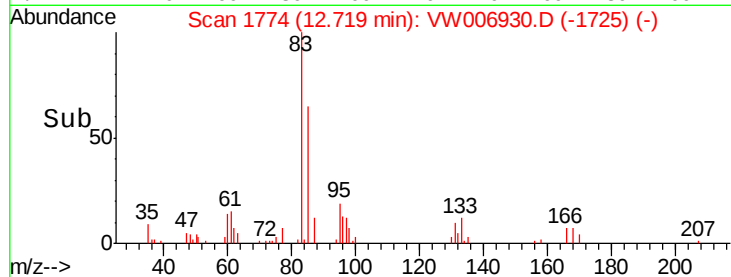
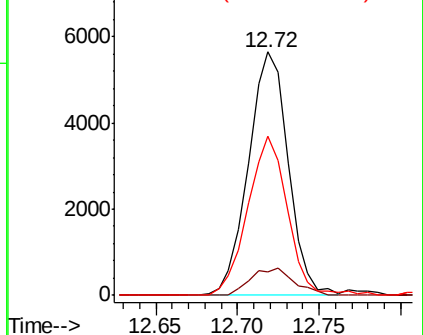
85 65.5 32.5 97.5



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: 19.629 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006930.D

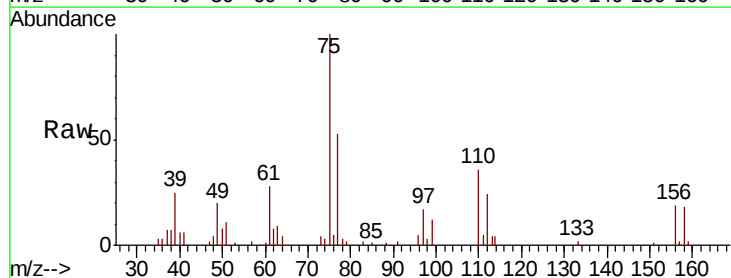
Acq: 16 Nov 2018 23:19

Tgt Ion: 75 Resp: 13043

Ion Ratio Lower Upper

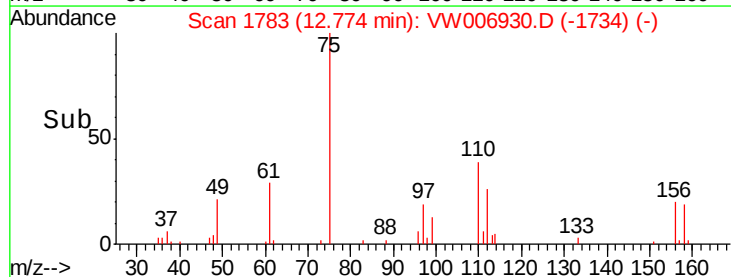
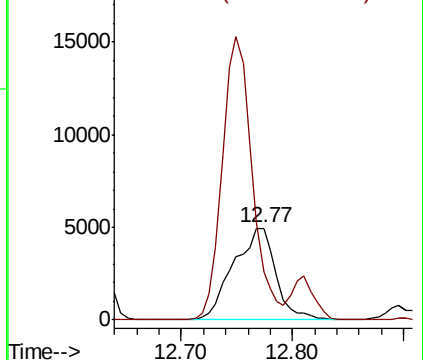
75 100

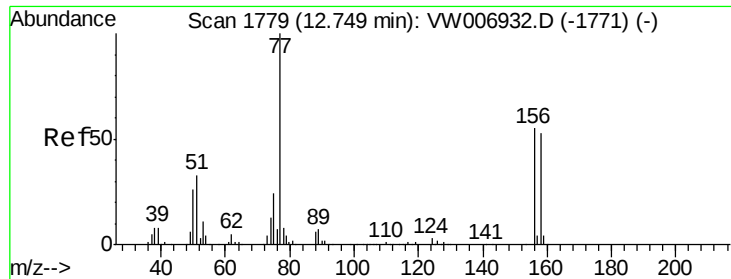
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

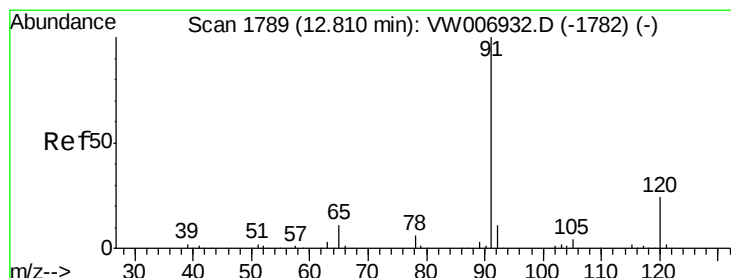
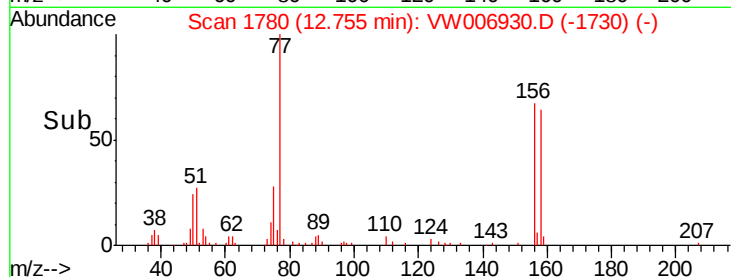
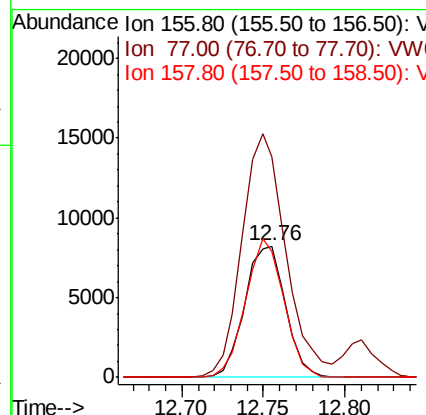
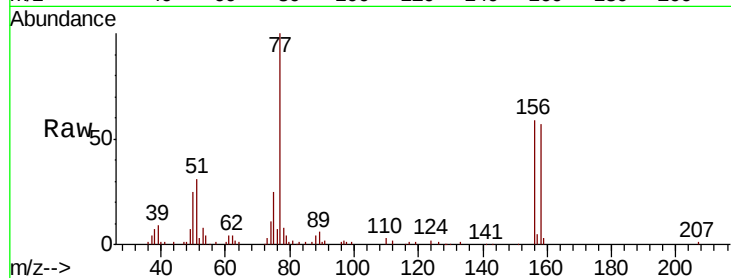




#77
Bromobenzene
Concen: 9.304 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

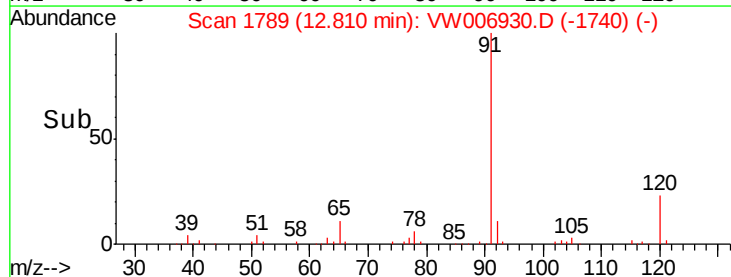
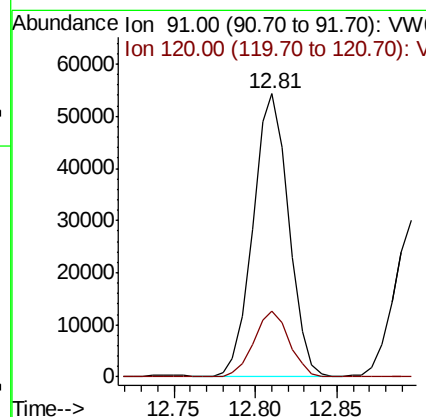
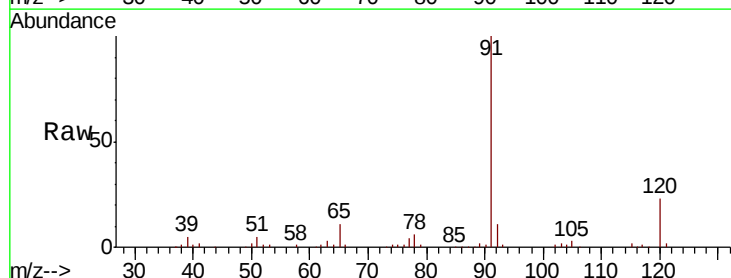
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

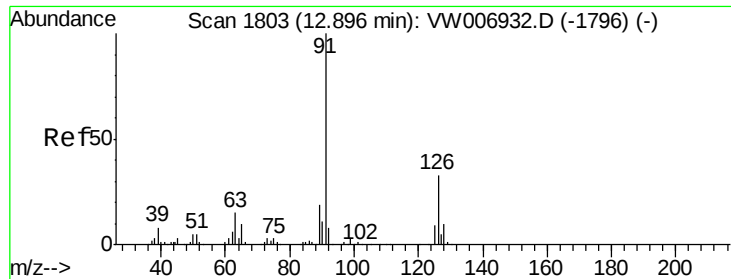
Tgt Ion: 156 Resp: 14278
Ion Ratio Lower Upper
156 100
77 201.0 97.8 293.3
158 99.6 47.9 143.7



#78
n-propylbenzene
Concen: 11.214 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 91 Resp: 82810
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

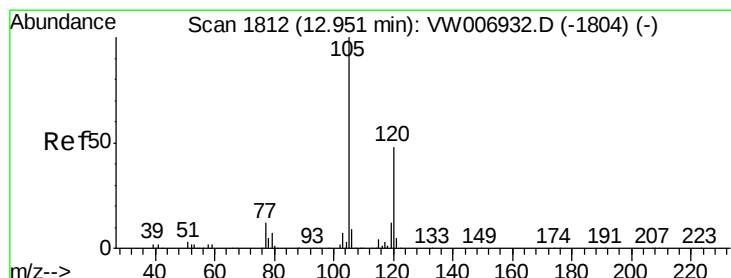
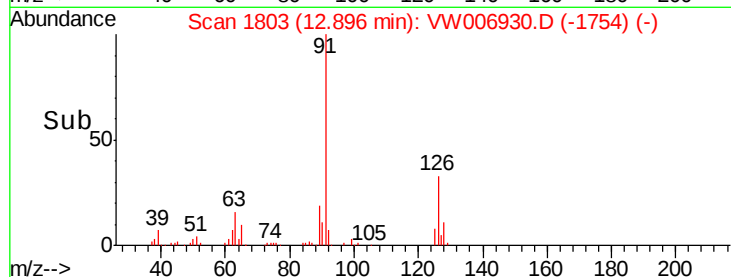
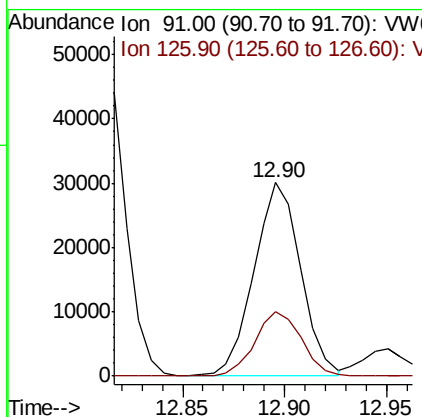
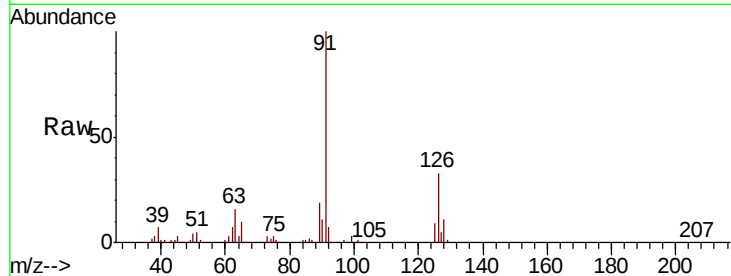




#79
 2-Chlorotoluene
 Concen: 11.499 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

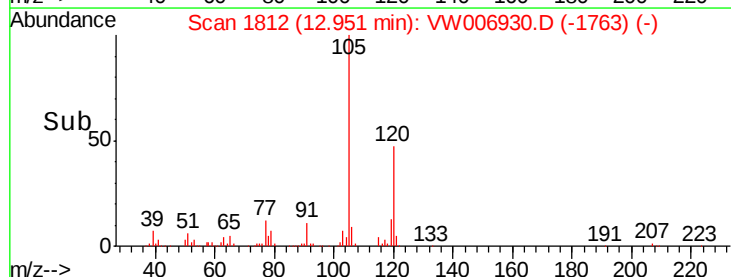
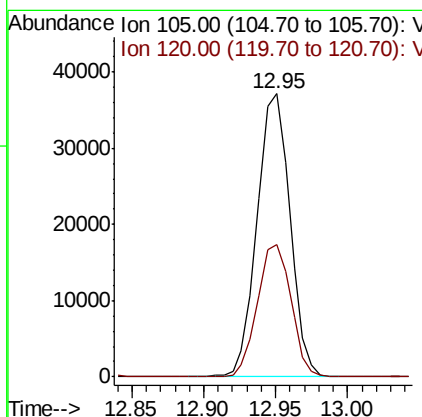
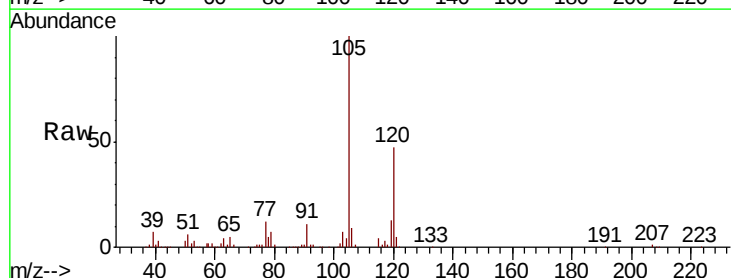
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

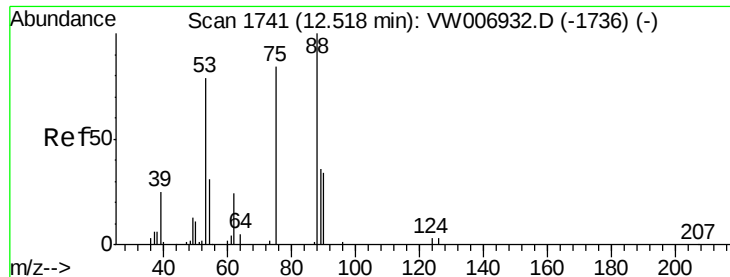
Tgt Ion: 91 Resp: 48003
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 10.973 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 105 Resp: 58809
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.5

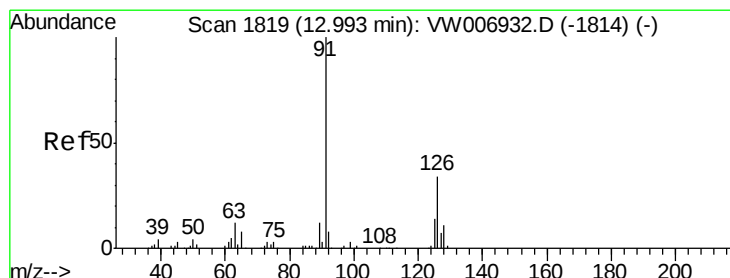
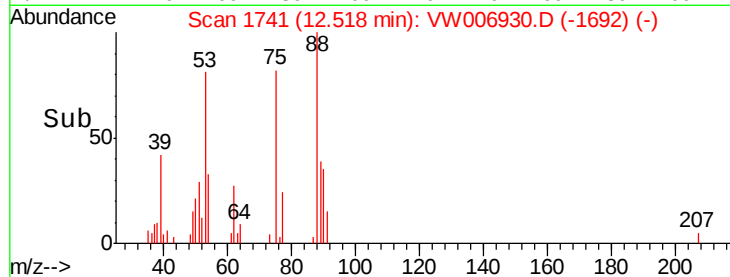
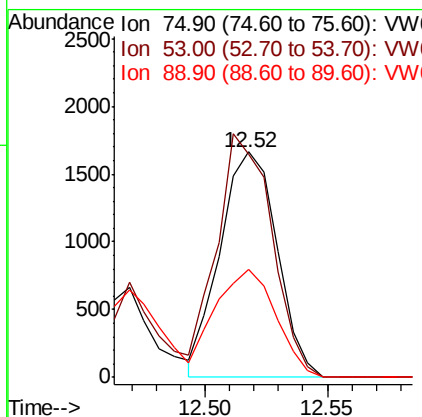
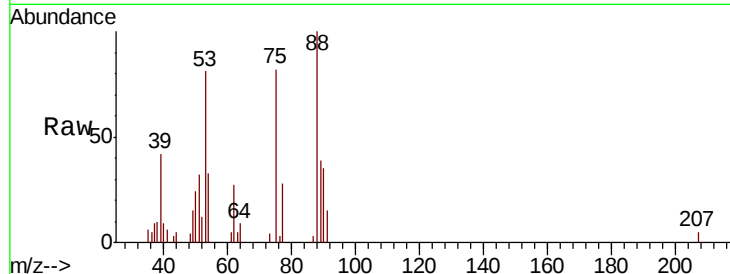




#81
trans-1,4-Dichloro-2-butene
Concen: 10.176 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

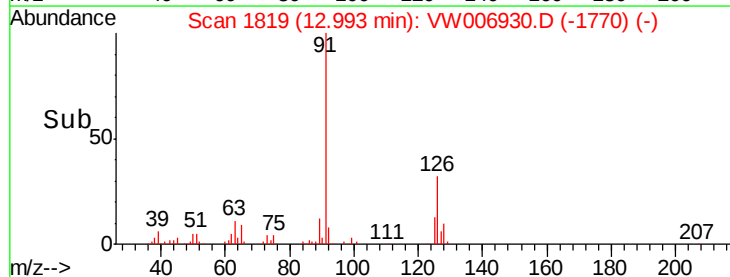
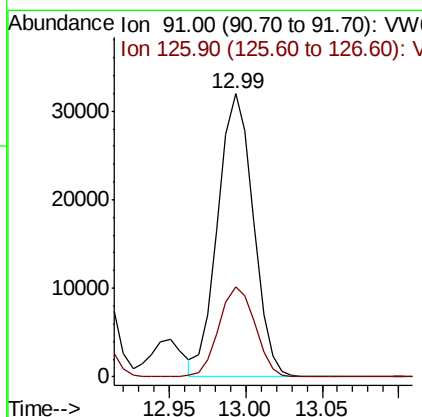
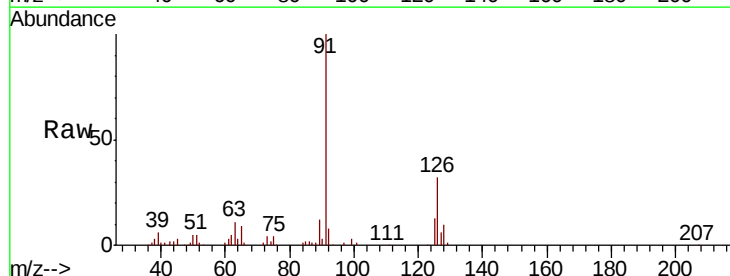
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

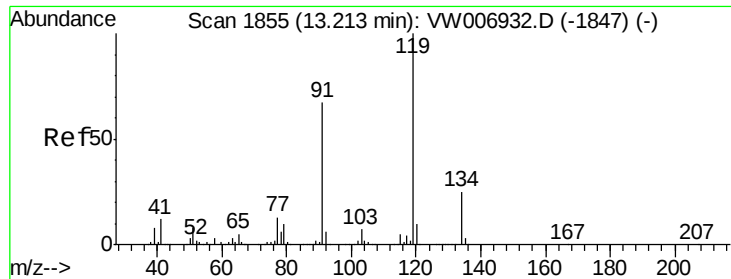
Tgt Ion: 75 Resp: 2704
Ion Ratio Lower Upper
75 100
53 103.7 79.3 118.9
89 50.9 39.5 59.3



#82
4-Chlorotoluene
Concen: 11.608 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion: 91 Resp: 51649
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

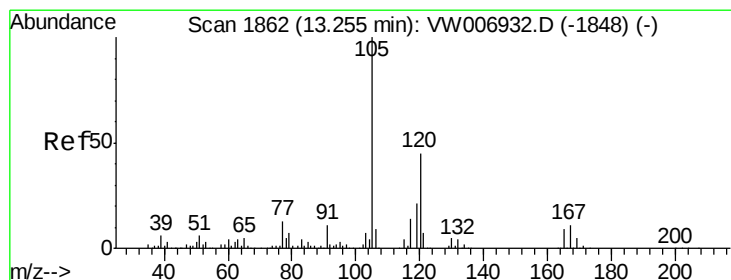
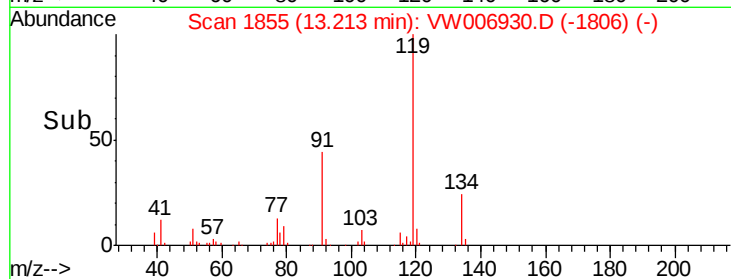
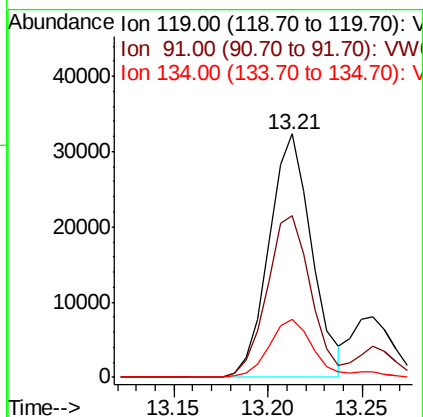
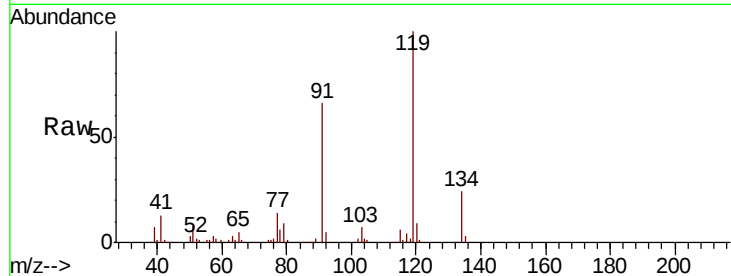




#83
 tert-Butylbenzene
 Concen: 10.820 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

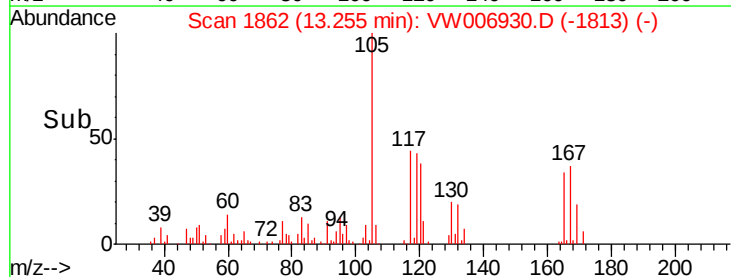
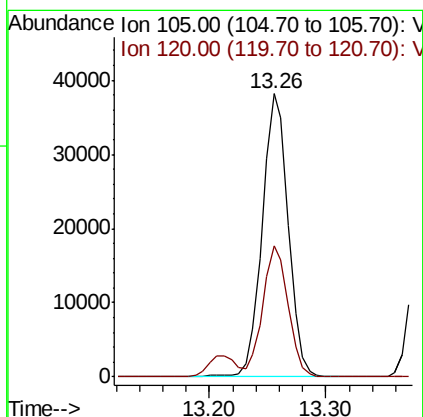
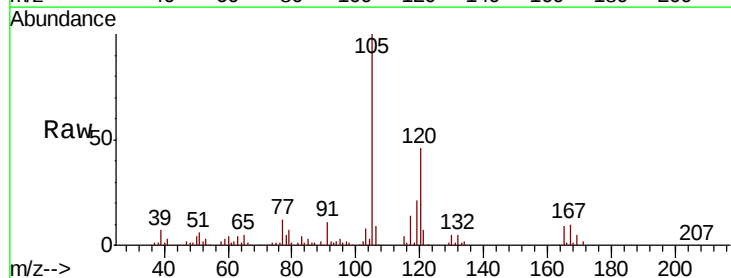
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

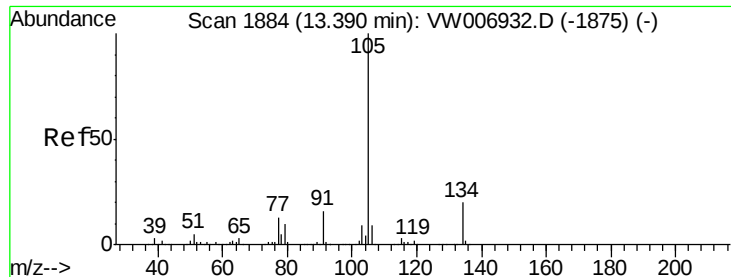
Tgt Ion:119 Resp: 50864
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.8 101.4
 134 24.0 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 10.798 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion:105 Resp: 58816
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.9 65.8





#85

sec-Butylbenzene

Concen: 10.938 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

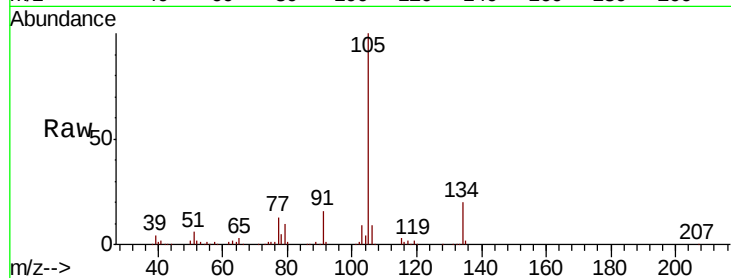
VSTDIC010

Tgt Ion:105 Resp: 72993

Ion Ratio Lower Upper

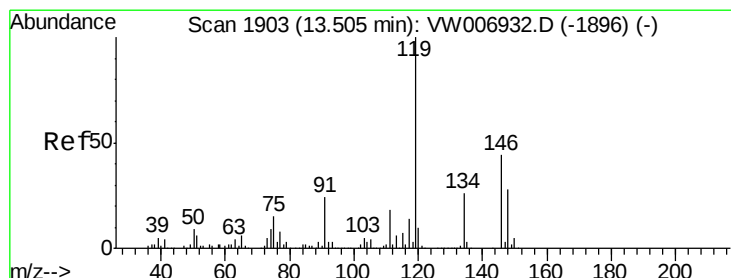
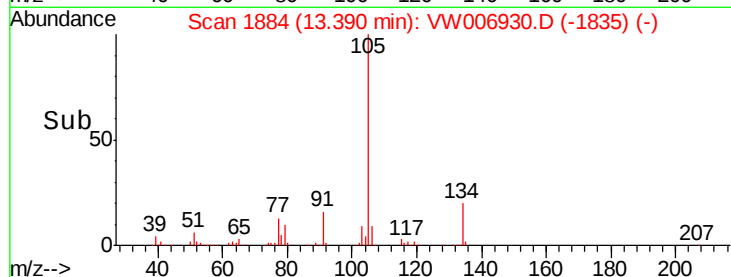
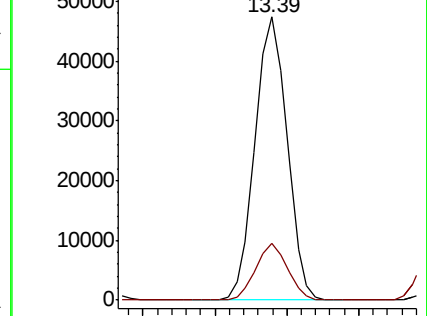
105 100

134 19.7 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.514 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

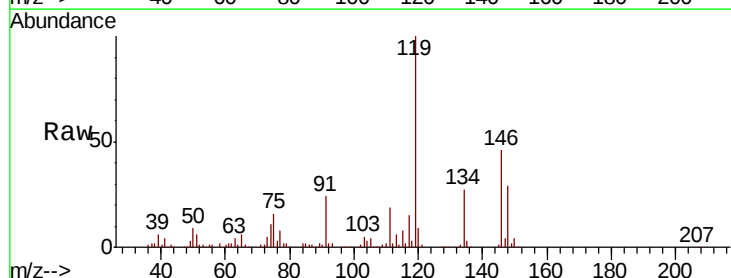
Tgt Ion:119 Resp: 63351

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

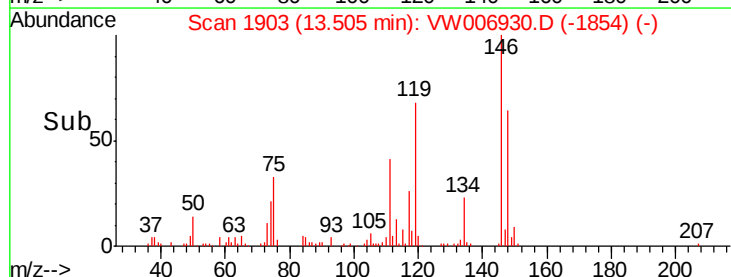
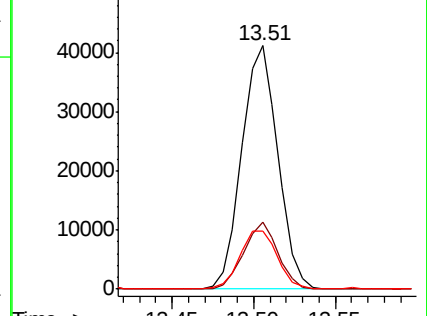
91 25.0 12.4 37.2

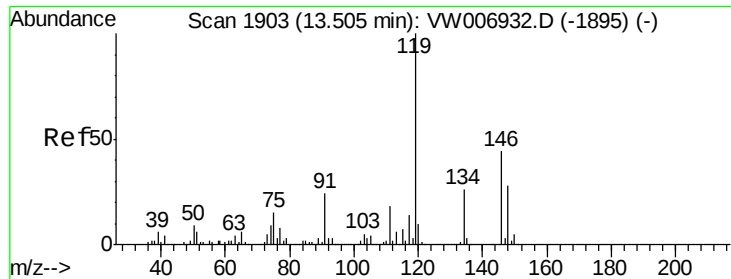


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

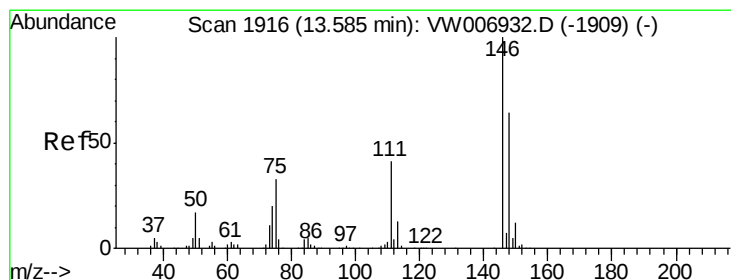
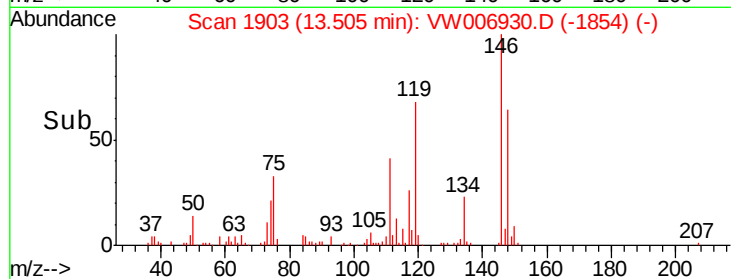
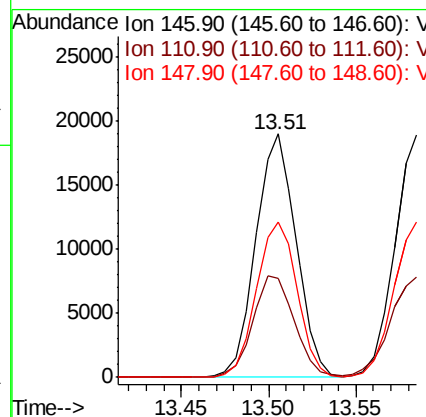
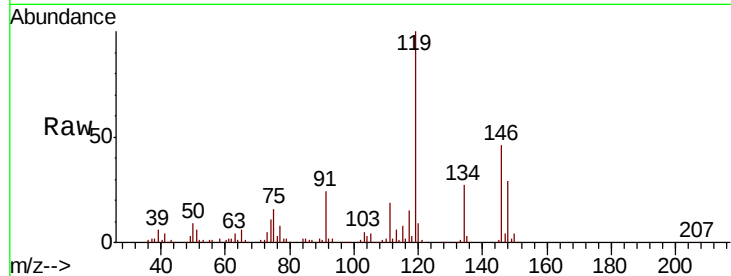




#87
 1,3-Dichlorobenzene
 Concen: 9.764 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

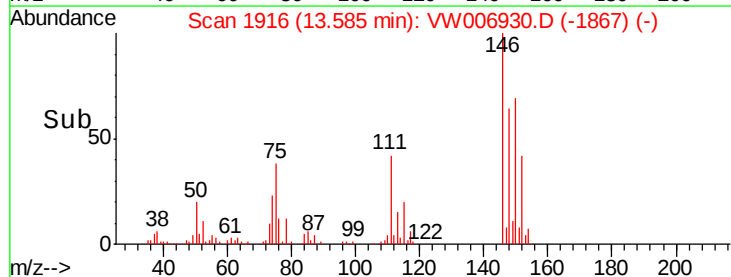
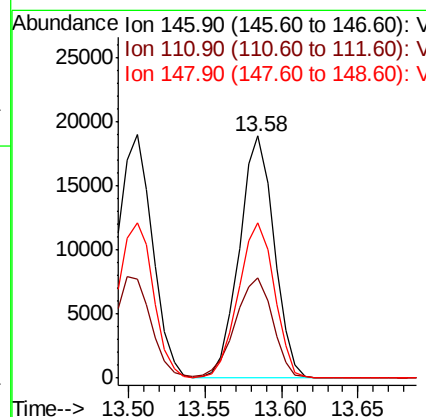
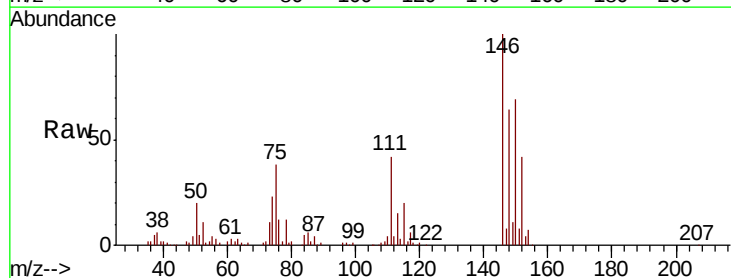
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

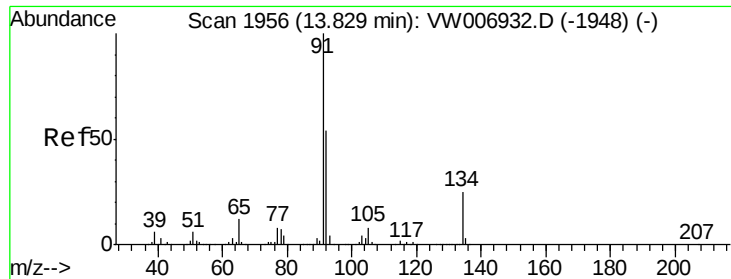
Tgt Ion:146 Resp: 30423
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 63.9
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 9.683 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion:146 Resp: 29887
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.7 62.1
 148 66.4 31.9 95.9





#89

n-Butylbenzene

Concen: 10.487 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006930.D

Acq: 16 Nov 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

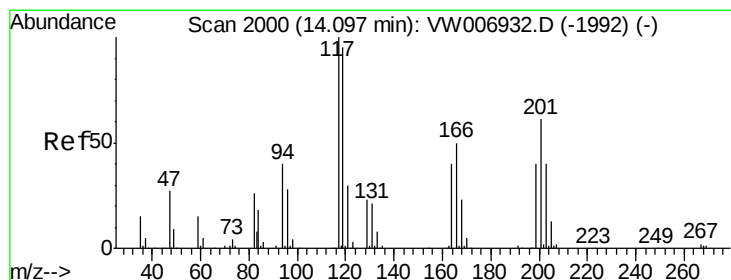
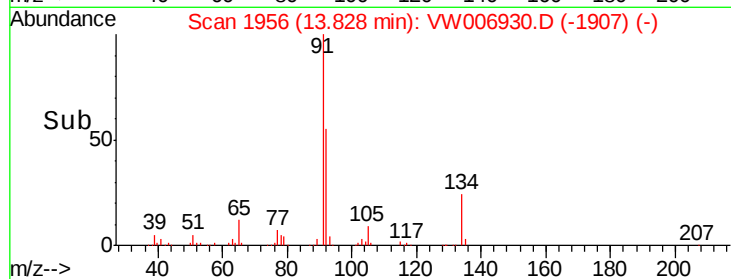
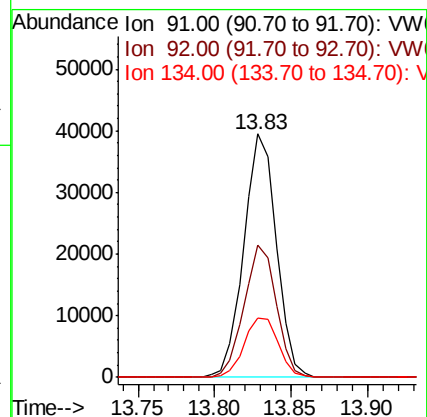
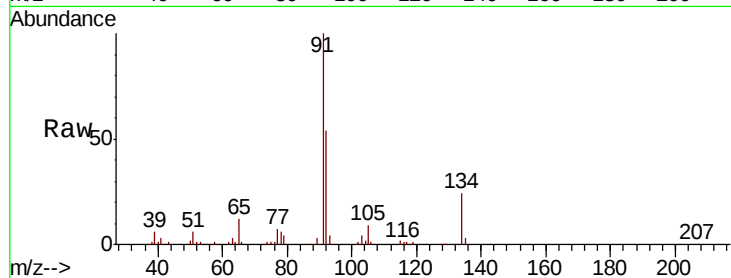
Tgt Ion: 91 Resp: 58246

Ion Ratio Lower Upper

91 100

92 53.7 26.4 79.2

134 25.7 12.9 38.6



#90

Hexachloroethane

Concen: 9.994 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006930.D

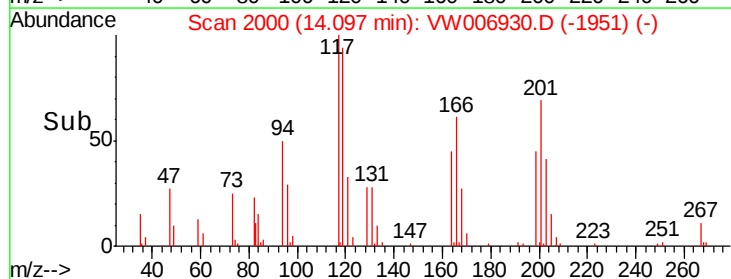
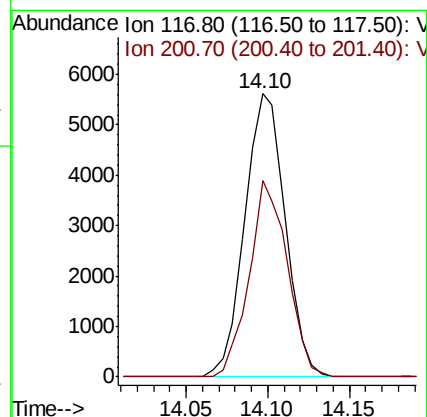
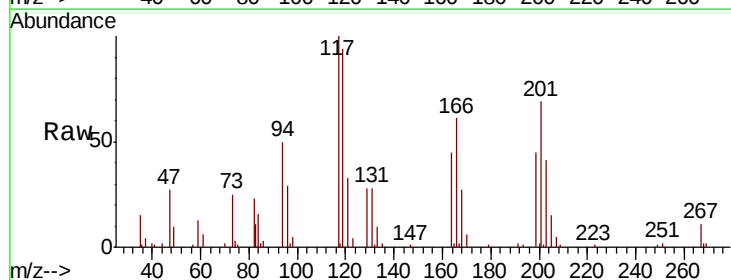
Acq: 16 Nov 2018 23:19

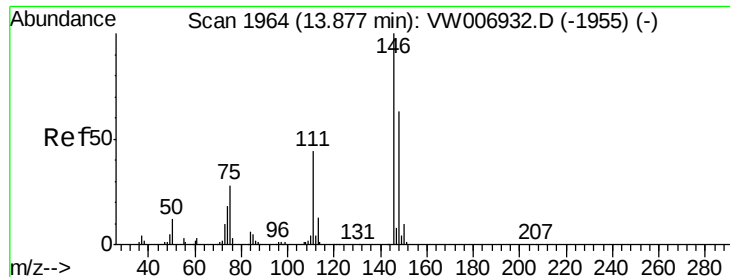
Tgt Ion: 117 Resp: 9687

Ion Ratio Lower Upper

117 100

201 65.5 33.8 101.4

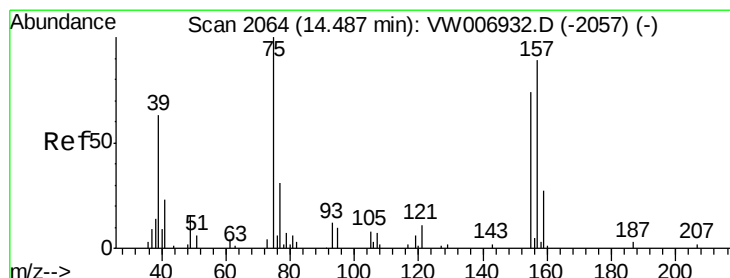
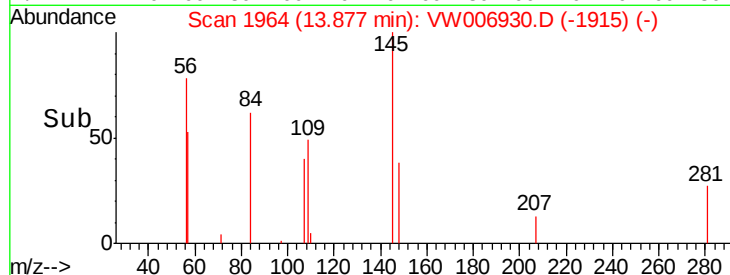
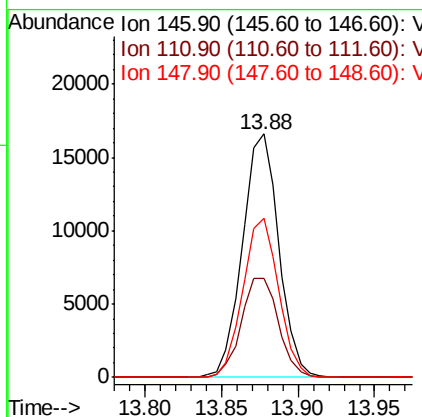
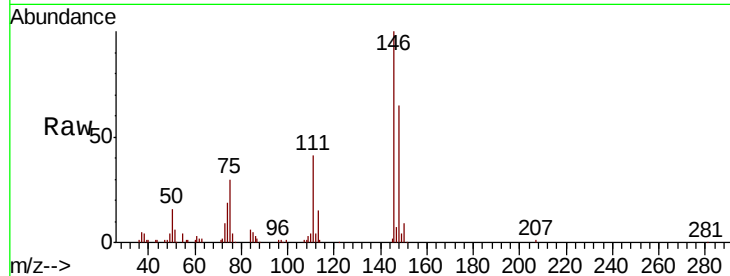




#91
 1,2-Dichlorobenzene
 Concen: 10.045 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

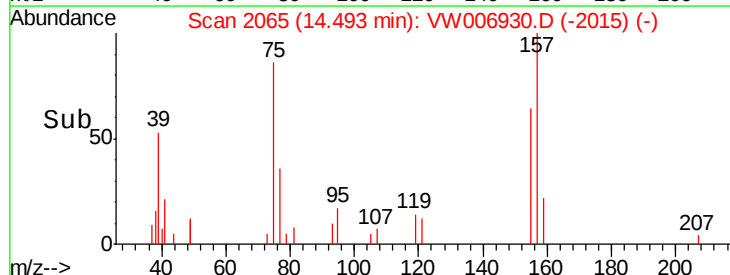
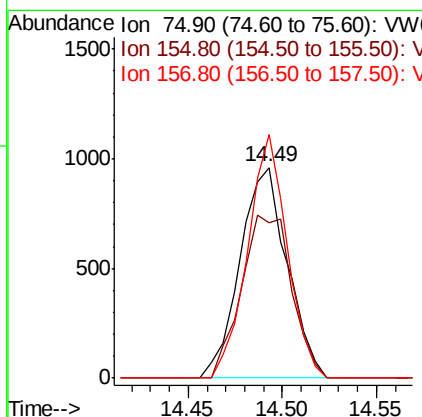
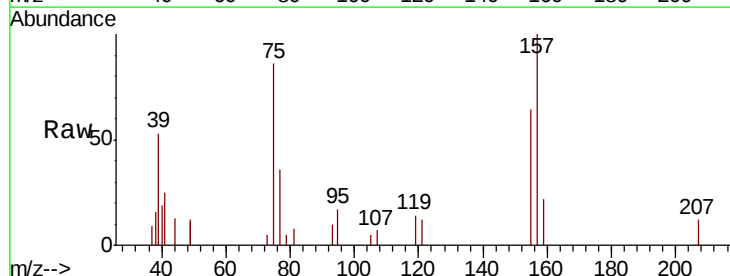
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

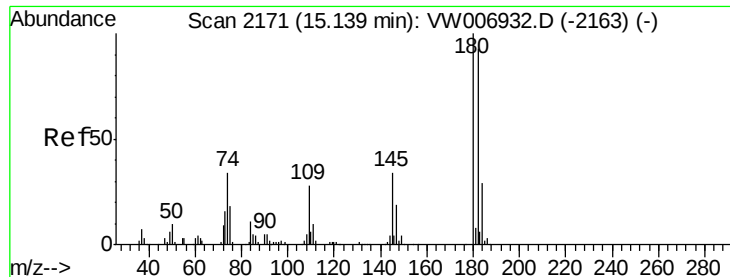
Tgt Ion: 146 Resp: 27375
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.6 67.7
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.648 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion: 75 Resp: 1668
 Ion Ratio Lower Upper
 75 100
 155 82.1 38.6 115.7
 157 96.9 49.7 149.1

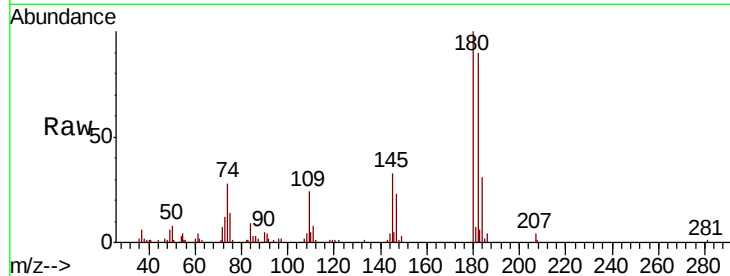




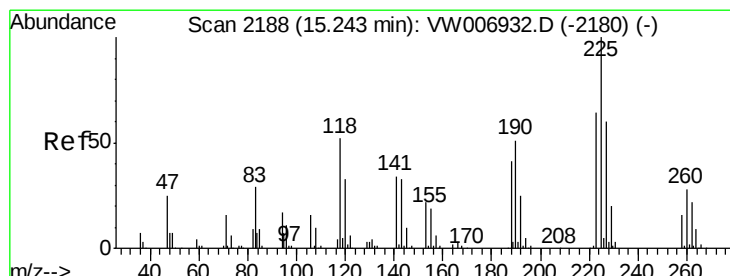
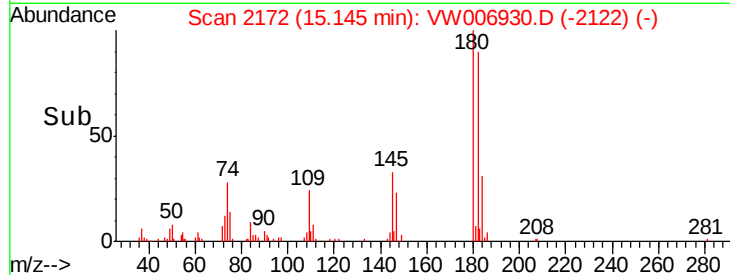
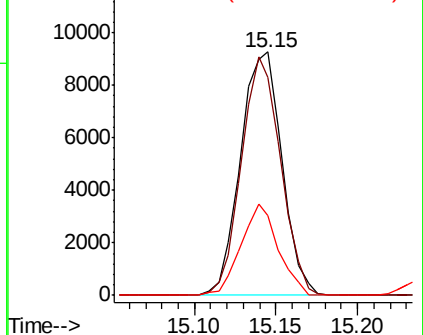
#93
 1,2,4-Trichlorobenzene
 Concen: 8.164 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 16356
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.3 141.9
 145 33.7 16.8 50.4

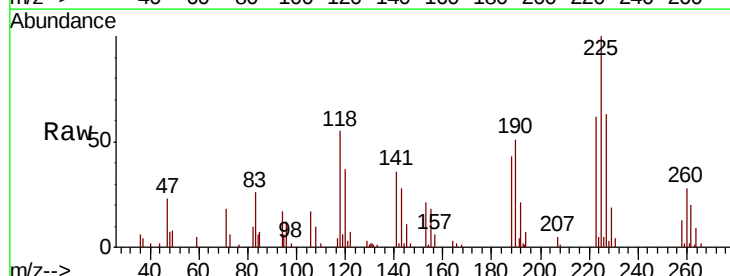


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

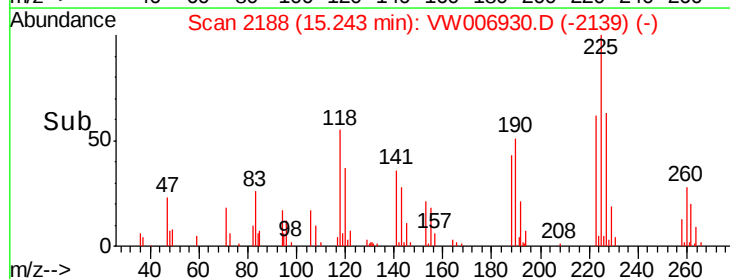
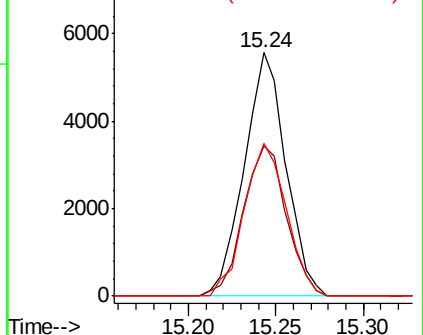


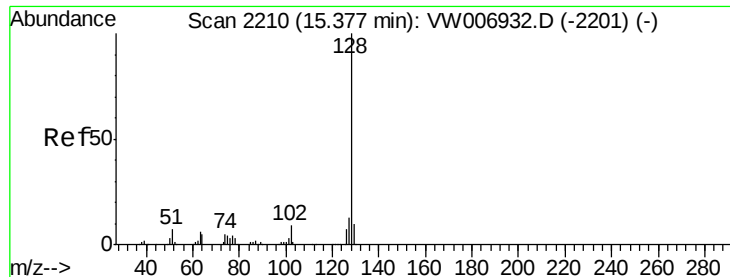
#94
 Hexachlorobutadiene
 Concen: 7.442 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006930.D
 Acq: 16 Nov 2018 23:19

Tgt Ion:225 Resp: 9201
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.1 96.3
 227 63.7 31.6 95.0



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

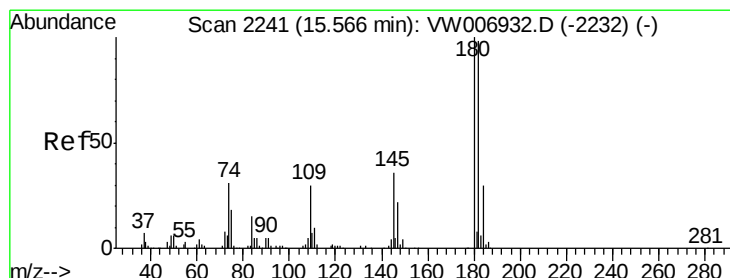
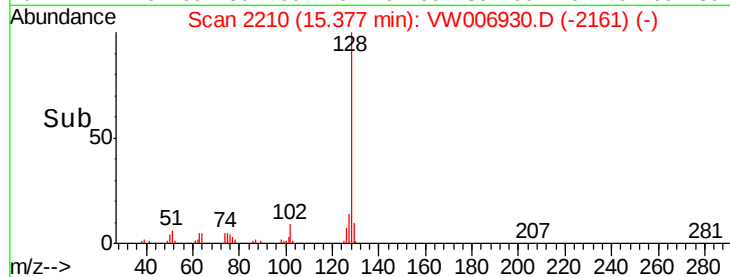
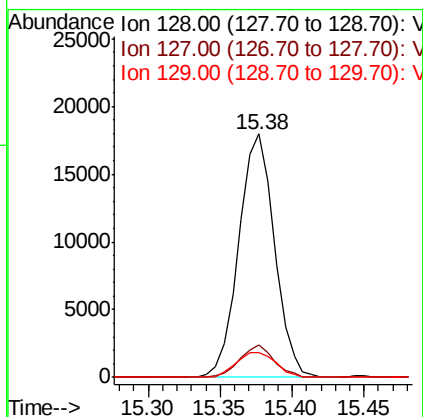
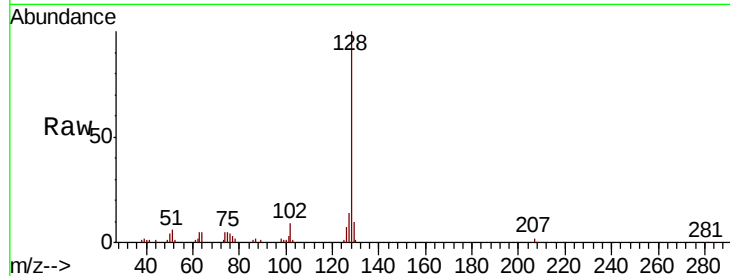




#95
Naphthalene
Concen: 9.900 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 30912
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.3 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 8.181 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006930.D
Acq: 16 Nov 2018 23:19

Tgt Ion:180 Resp: 14073
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 35.9 17.6 52.9

