

Data File : VW010699.D
Acq On : 05 Jun 2019 18:22
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 06 07:30:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182499	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164061	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
35) Dibromofluoromethane	7.88	113	125031	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	10.32	98	520448	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	193643	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	113579	48.333	ug/l	99
3) Chloromethane	2.21	50	174121	50.362	ug/l	98
4) Vinyl Chloride	2.36	62	159076	49.800	ug/l	98
5) Bromomethane	2.75	94	91447	52.132	ug/l	96
6) Chloroethane	2.90	64	98030	51.127	ug/l	99
7) Trichlorofluoromethane	3.25	101	213024	51.374	ug/l	98
8) Diethyl Ether	3.68	74	79509	53.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130944	51.364	ug/l	99
10) Methyl Iodide	4.27	142	110616	42.877	ug/l	99
11) Tert butyl alcohol	5.17	59	72747	297.920	ug/l	100
12) 1,1-Dichloroethene	4.04	96	124446	50.604	ug/l	98
13) Acrolein	3.90	56	23571	236.227	ug/l	96
14) Allyl chloride	4.67	41	285455	52.644	ug/l	99
15) Acrylonitrile	5.37	53	204914	284.642	ug/l	99
16) Acetone	4.12	43	237324	295.502	ug/l	99
17) Carbon Disulfide	4.38	76	396720	50.819	ug/l	98
18) Methyl Acetate	4.67	43	96890	56.045	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	386464	54.488	ug/l	99
20) Methylene Chloride	4.92	84	142863	50.707	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	142695	51.114	ug/l	96
22) Diisopropyl ether	6.31	45	581658	53.581	ug/l	98
23) Vinyl Acetate	6.26	43	1823102	278.276	ug/l	100
24) 1,1-Dichloroethane	6.21	63	284426	52.281	ug/l	100
25) 2-Butanone	7.17	43	322556	289.642	ug/l	98
26) 2,2-Dichloropropane	7.17	77	228864	51.698	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	160026	52.087	ug/l	100
28) Bromochloromethane	7.51	49	125098	51.526	ug/l	98
29) Tetrahydrofuran	7.53	42	201783	288.068	ug/l	99
30) Chloroform	7.68	83	261462	52.544	ug/l	99
31) Cyclohexane	7.95	56	294735	48.736	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	226163	52.030	ug/l	100
36) 1,1-Dichloropropene	8.08	75	219706	51.291	ug/l	100
37) Ethyl Acetate	7.25	43	136430	57.476	ug/l	99
38) Carbon Tetrachloride	8.07	117	193306	52.276	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279151	51.264	ug/l	98
40) Benzene	8.32	78	598212	51.192	ug/l	100
41) Methacrylonitrile	7.48	41	79791	56.553	ug/l	97
42) 1,2-Dichloroethane	8.40	62	198599	53.548	ug/l	100
43) Isopropyl Acetate	8.43	43	259626	56.615	ug/l	98
44) Trichloroethene	9.09	130	147370	51.124	ug/l	99
45) 1,2-Dichloropropane	9.37	63	162624	52.572	ug/l	99
46) Dibromomethane	9.46	93	76398	53.173	ug/l	99
47) Bromodichloromethane	9.65	83	200753	53.902	ug/l	96
48) Methyl methacrylate	9.44	41	134417	60.794	ug/l	95
49) 1,4-Dioxane	9.45	88	25721	1145.016	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	677354	289.128	ug/l	100
52) Toluene	10.39	92	371398	51.655	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	212642	53.904	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	247399	53.296	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	111776	54.003	ug/l	98
56) Ethyl methacrylate	10.65	69	179851	56.469	ug/l	98
57) 1,3-Dichloropropane	10.93	76	208301	53.401	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	448774	269.018	ug/l	100
59) 2-Hexanone	10.97	43	498461	294.397	ug/l	99
60) Dibromochloromethane	11.13	129	125901	54.871	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105279	53.684	ug/l	98
64) Tetrachloroethene	10.86	164	125248	50.437	ug/l	98
65) Chlorobenzene	11.66	112	375141	51.006	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	132703	52.122	ug/l	98
67) Ethyl Benzene	11.73	91	722871	51.140	ug/l	100
68) m/p-Xylenes	11.84	106	523837	103.526	ug/l	100
69) o-Xylene	12.17	106	249710	52.034	ug/l	98
70) Styrene	12.18	104	442005	53.021	ug/l	99
71) Bromoform	12.35	173	73224	55.610	ug/l	100
73) Isopropylbenzene	12.47	105	693075	50.537	ug/l	99
74) N-amyl acetate	12.27	43	250829	56.592	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	140340	53.754	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	187113	97.633	ug/l #	100
77) Bromobenzene	12.75	156	152866	51.065	ug/l	98
78) n-propylbenzene	12.80	91	840345	50.817	ug/l	100
79) 2-Chlorotoluene	12.90	91	481478	50.963	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	579540	51.628	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	46095	55.279	ug/l	100
82) 4-Chlorotoluene	12.99	91	499910	51.275	ug/l	99
83) tert-Butylbenzene	13.21	119	486014	51.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	582911	51.604	ug/l	100
85) sec-Butylbenzene	13.38	105	708053	51.048	ug/l	100
86) p-Isopropyltoluene	13.50	119	641271	51.700	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	295433	51.175	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	290728	50.798	ug/l	100
89) n-Butylbenzene	13.83	91	645318	52.144	ug/l	100
90) Hexachloroethane	14.10	117	115099	51.816	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	268304	51.680	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26001	57.995	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
Quantitation Report (Not Reviewed)

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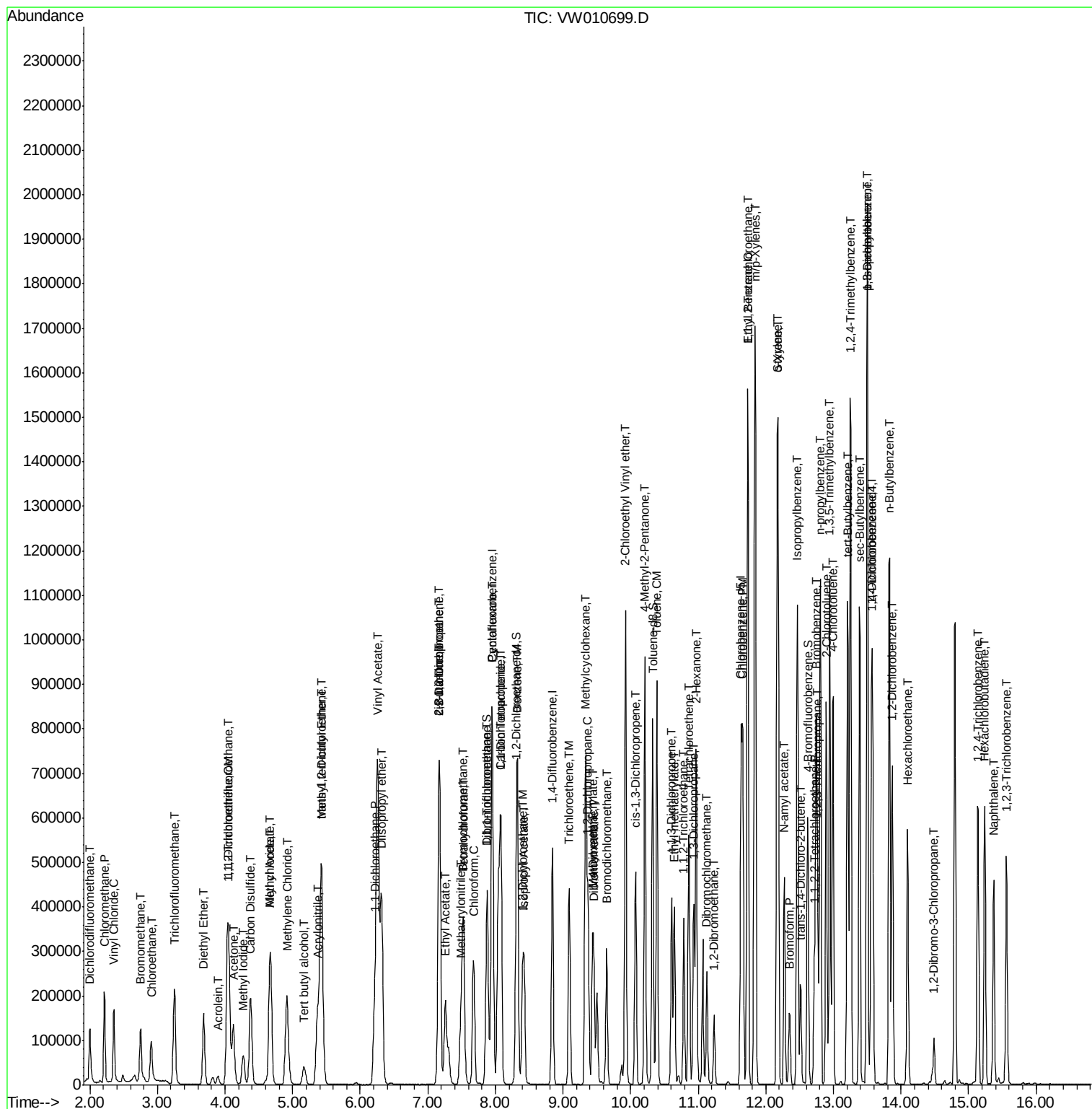
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	195113	53.555	ug/l	99
94) Hexachlorobutadiene	15.24	225	119819	52.403	ug/l	100
95) Naphthalene	15.37	128	375341	56.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	168651	54.432	ug/l	98

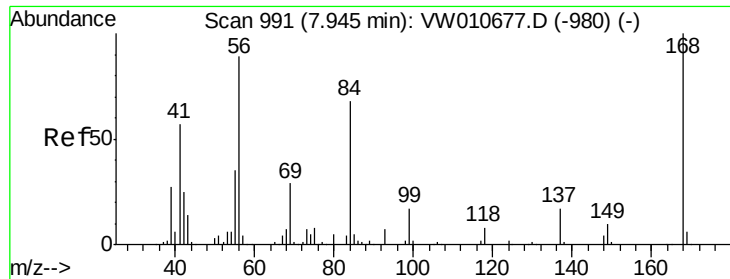
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

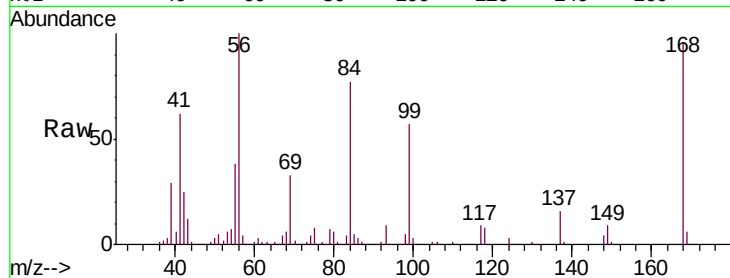
VSTDCCC050EC

Tgt Ion:168 Resp: 254295

Ion Ratio Lower Upper

168 100

99 58.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

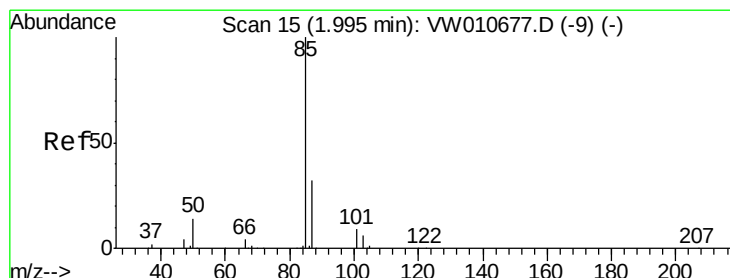
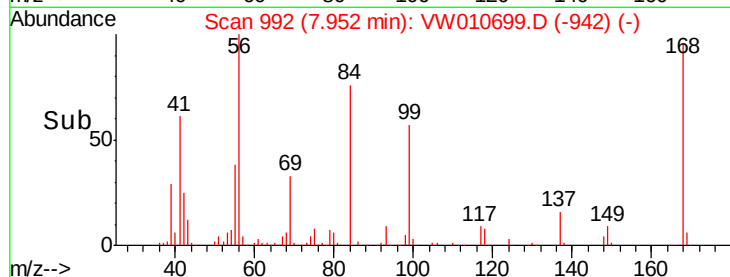
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.333 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW010699.D

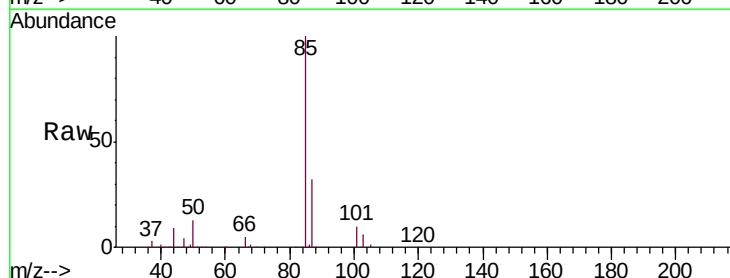
Acq: 05 Jun 2019 18:22

Tgt Ion: 85 Resp: 113579

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

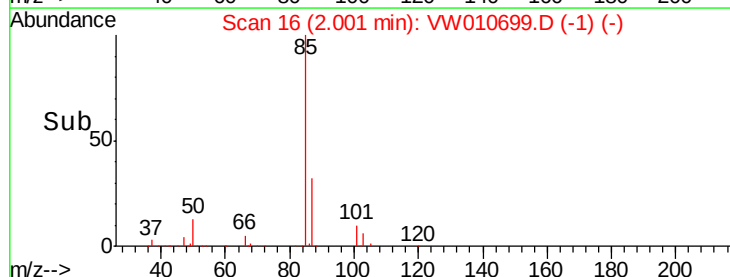
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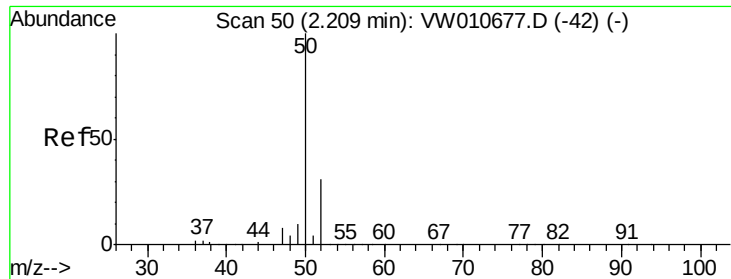
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 50.362 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

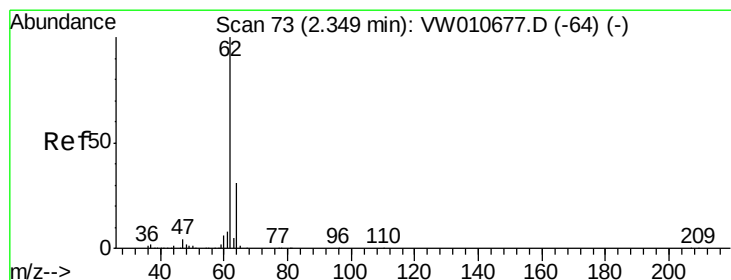
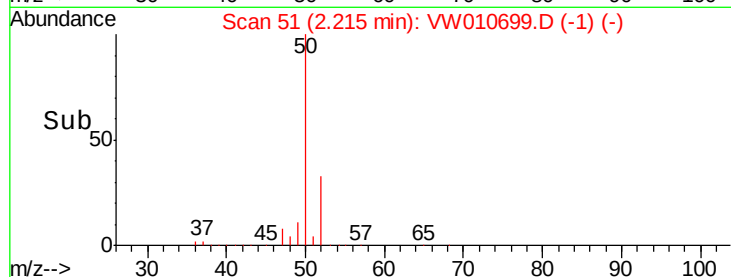
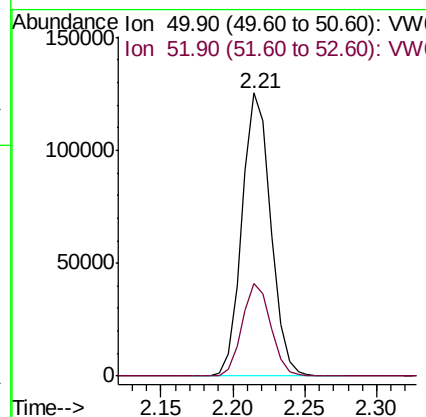
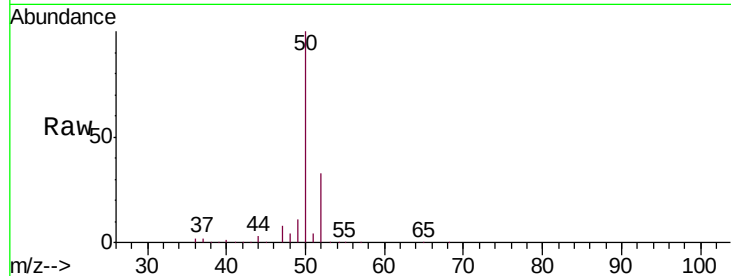
VSTDCCC050EC

Tgt Ion: 50 Resp: 174121

Ion Ratio Lower Upper

50 100

52 32.7 25.2 37.8



#4

Vinyl Chloride

Concen: 49.800 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010699.D

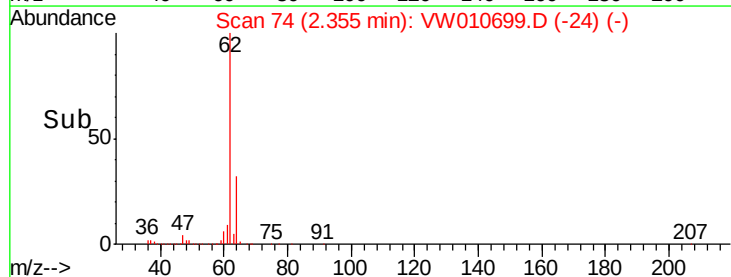
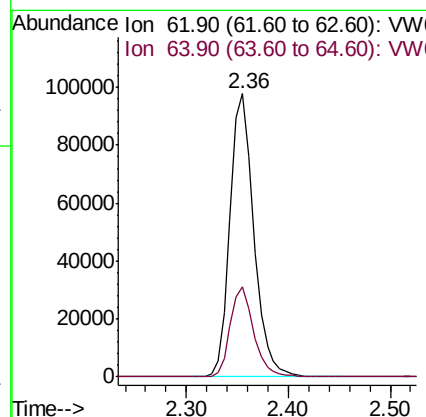
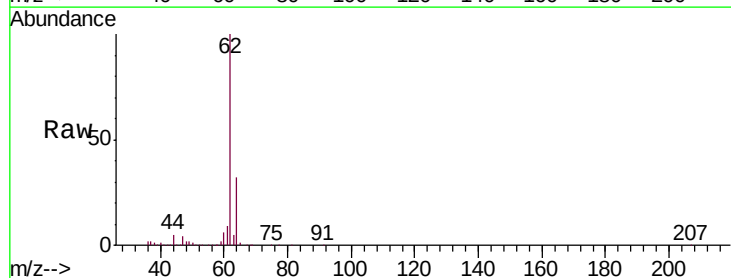
Acq: 05 Jun 2019 18:22

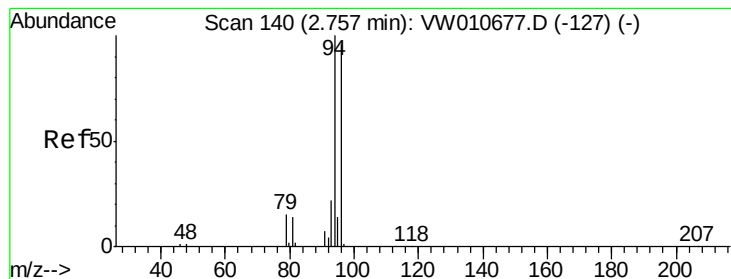
Tgt Ion: 62 Resp: 159076

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 52.132 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

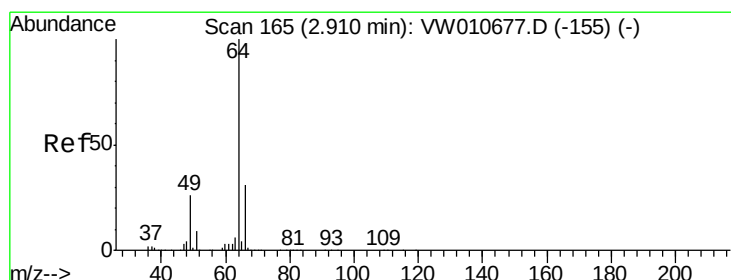
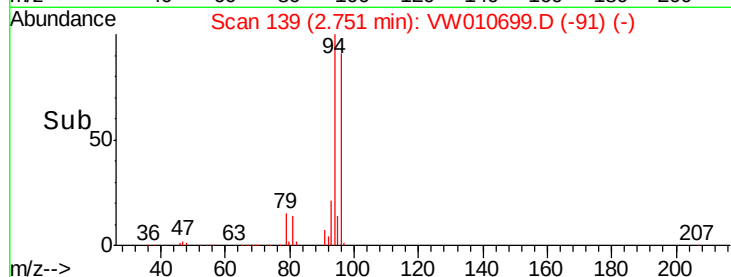
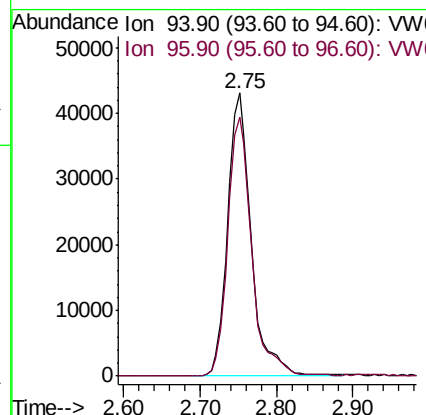
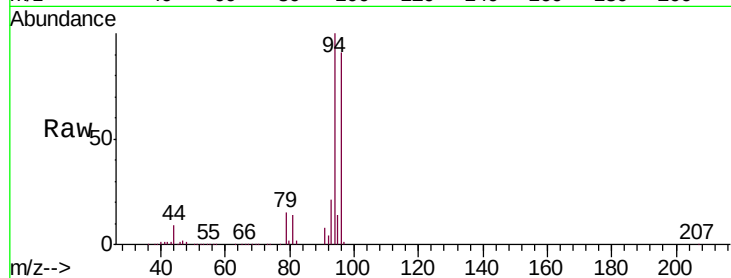
VSTDCCC050EC

Tgt Ion: 94 Resp: 91447

Ion Ratio Lower Upper

94 100

96 91.4 76.5 114.7



#6

Chloroethane

Concen: 51.127 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010699.D

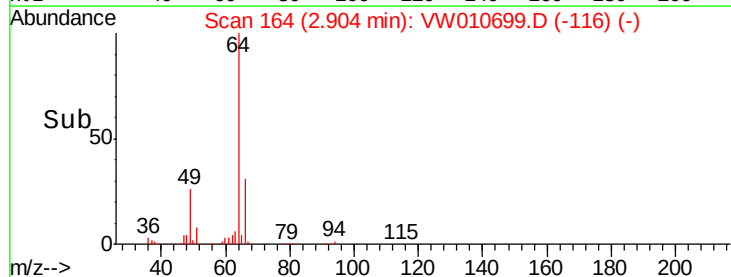
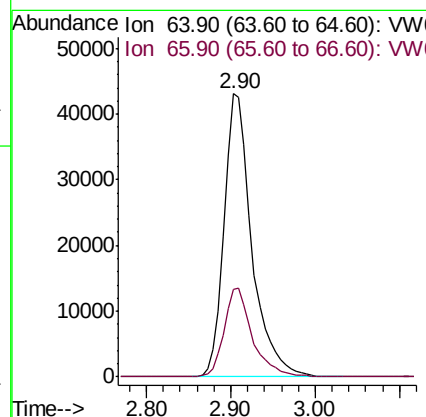
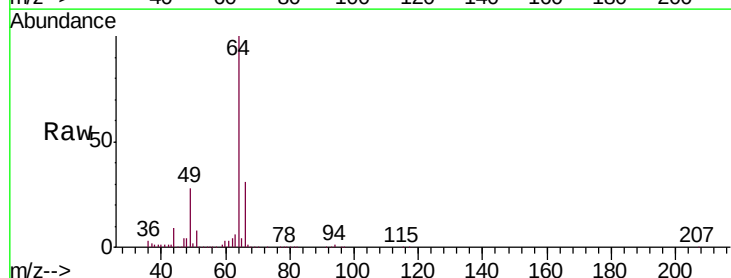
Acq: 05 Jun 2019 18:22

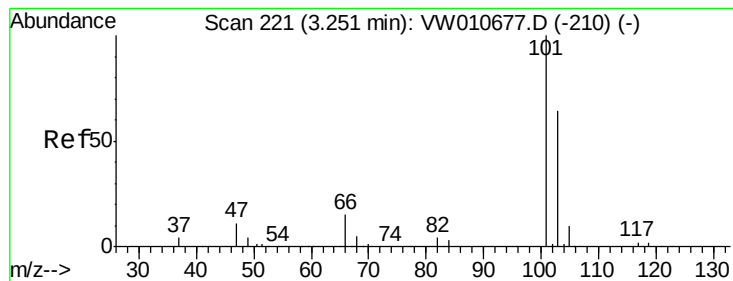
Tgt Ion: 64 Resp: 98030

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7



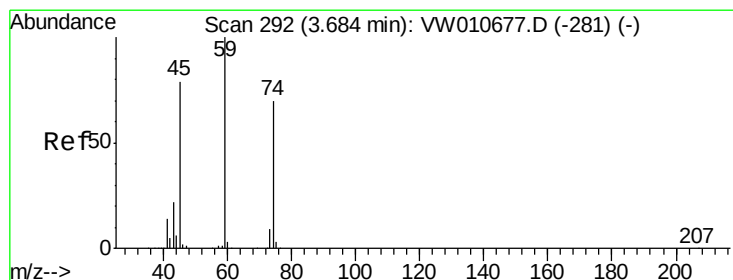
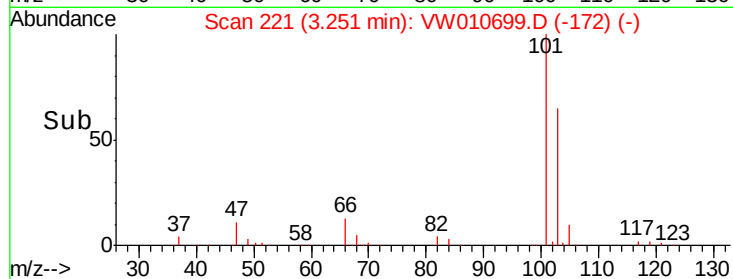
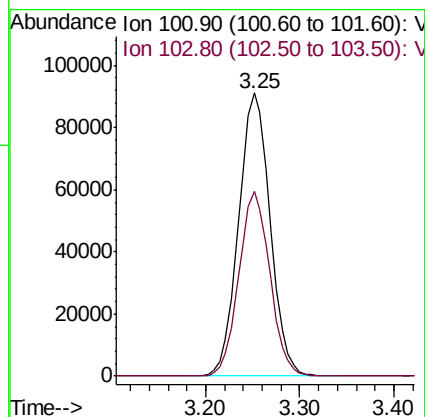
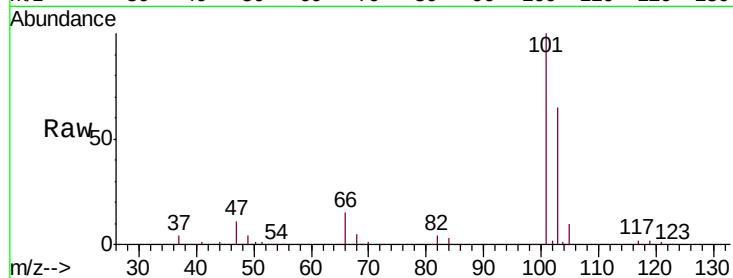


#7

Trichlorofluoromethane
Concen: 51.374 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW010699.D
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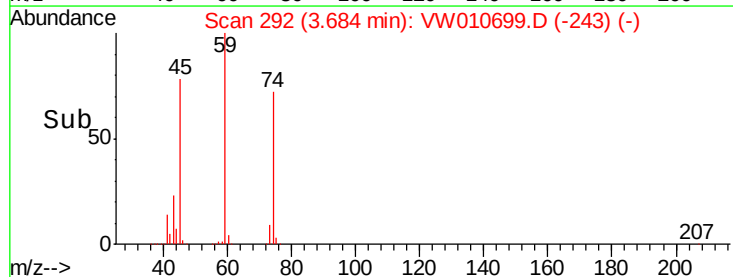
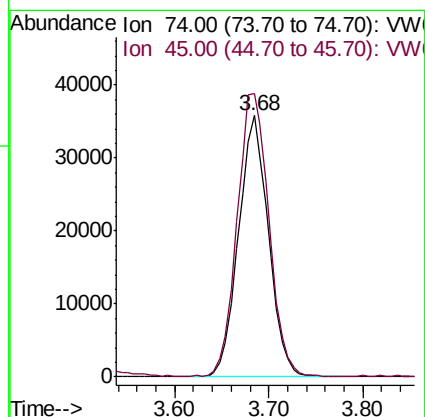
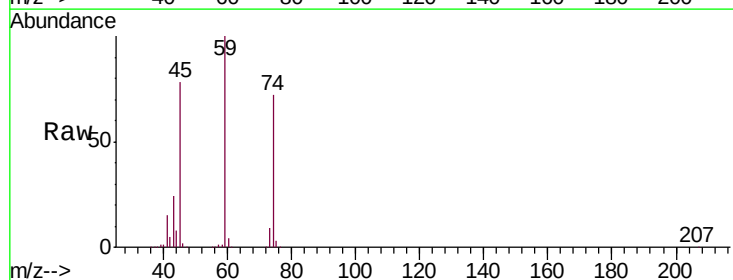
Tgt Ion:101 Resp: 213024
Ion Ratio Lower Upper
101 100
103 65.5 51.2 76.8

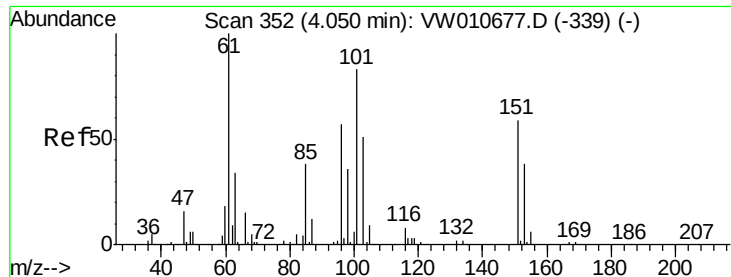


#8

Diethyl Ether
Concen: 53.656 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 74 Resp: 79509
Ion Ratio Lower Upper
74 100
45 115.0 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.364 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010699.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

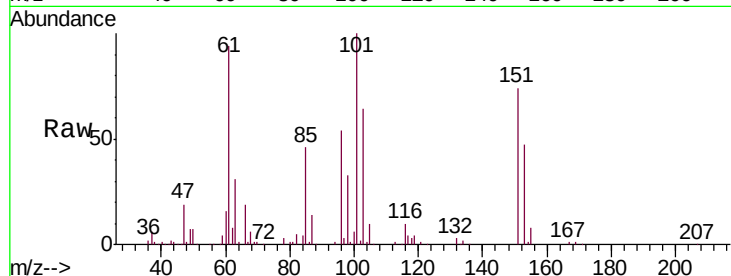
Tgt Ion:101 Resp: 130944

Ion Ratio Lower Upper

101 100

85 46.2 35.8 53.8

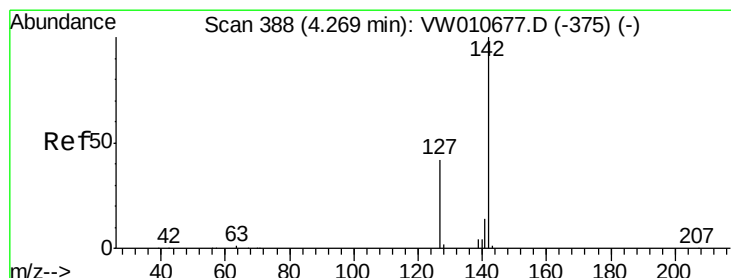
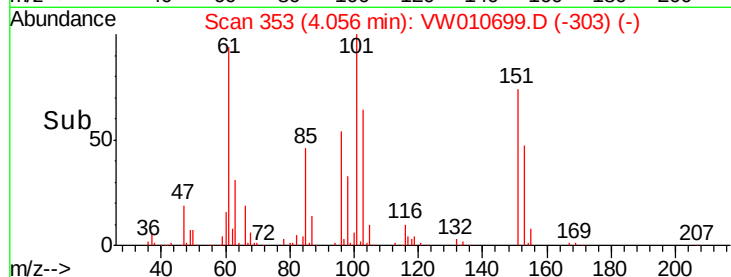
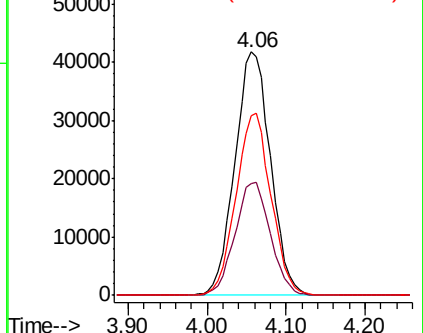
151 73.5 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.877 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

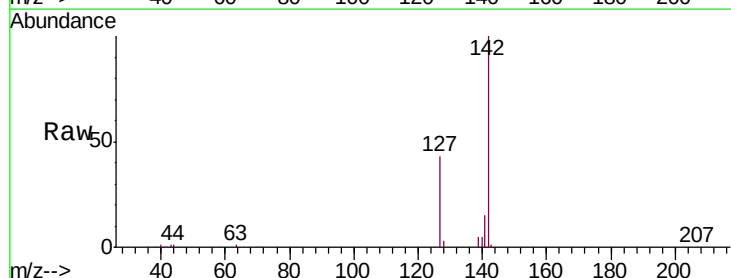
Tgt Ion:142 Resp: 110616

Ion Ratio Lower Upper

142 100

127 43.9 34.6 51.8

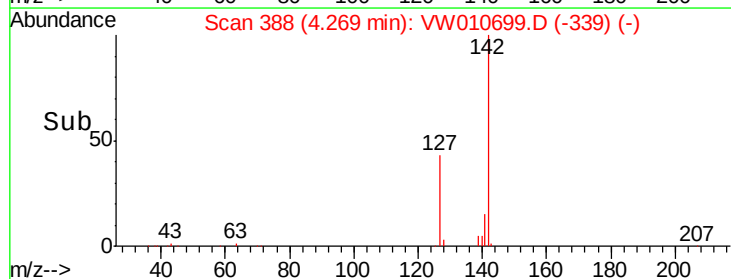
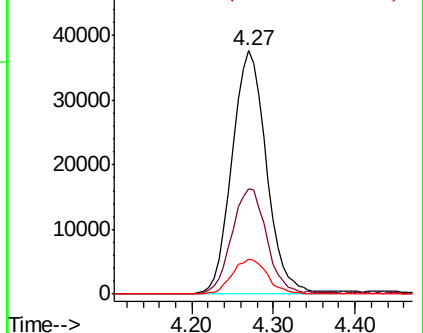
141 14.8 11.6 17.4

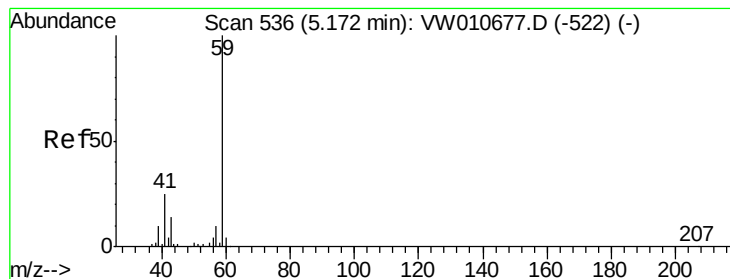


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



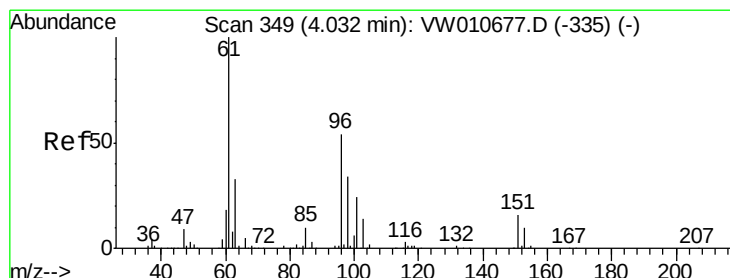
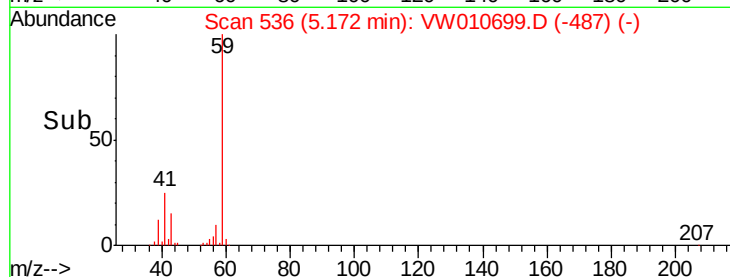
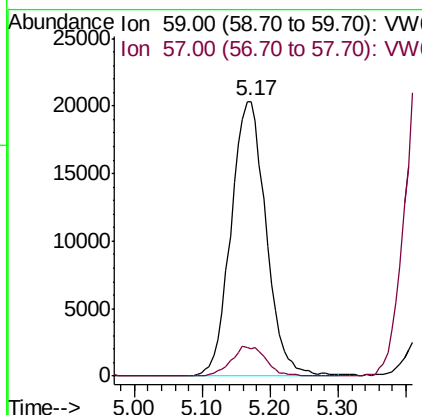
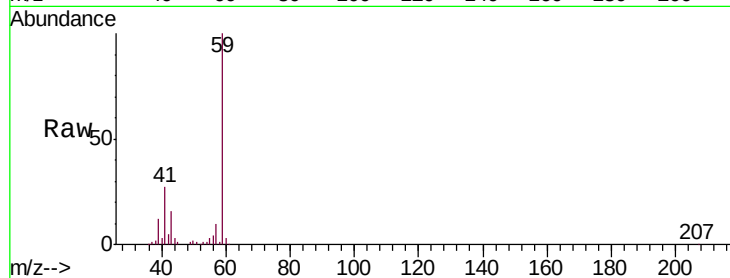


#11

Tert butyl alcohol
Concen: 297.920 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

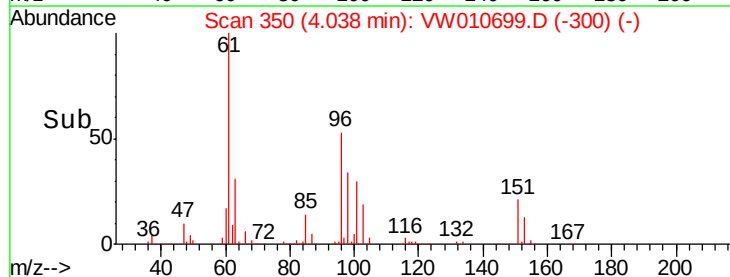
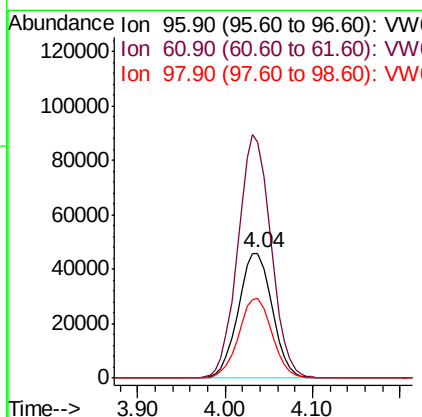
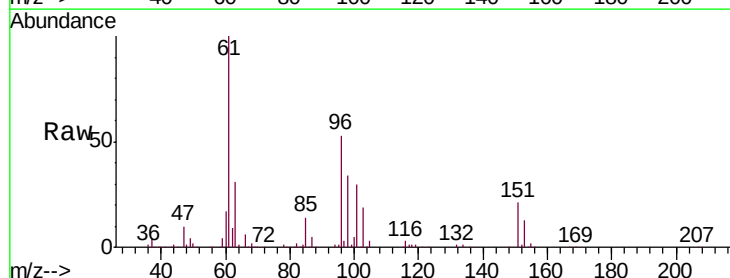
Tgt Ion: 59 Resp: 72747
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

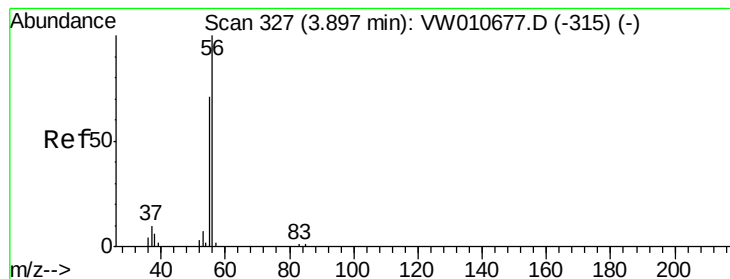


#12

1,1-Dichloroethene
Concen: 50.604 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 96 Resp: 124446
Ion Ratio Lower Upper
96 100
61 189.4 149.1 223.7
98 63.9 51.1 76.7





#13

Acrolein

Concen: 236.227 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

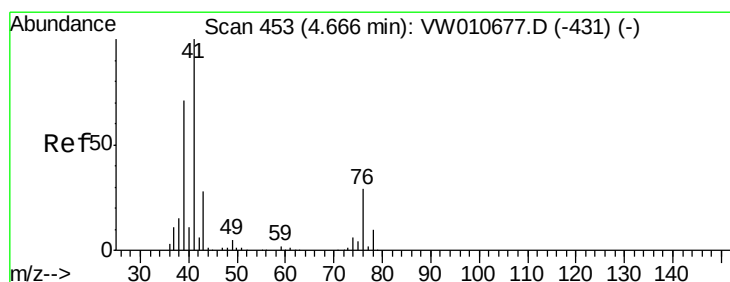
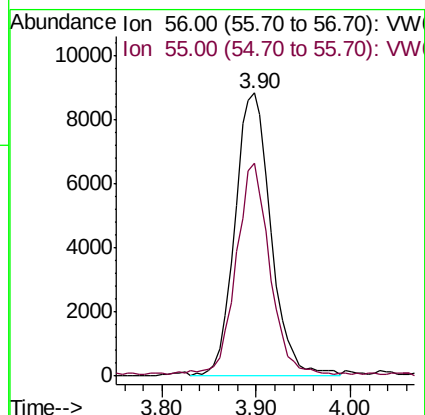
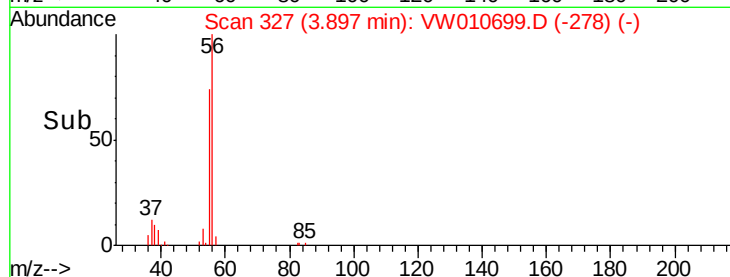
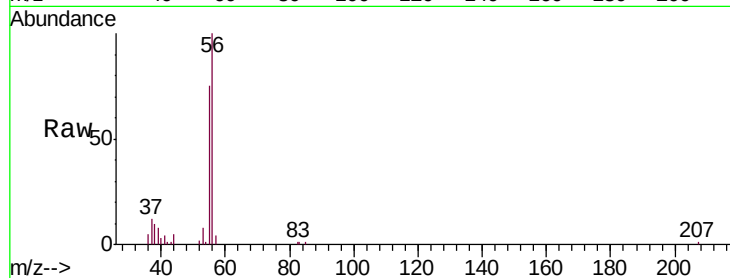
VSTDCCC050EC

Tgt Ion: 56 Resp: 23571

Ion Ratio Lower Upper

56 100

55 68.9 57.6 86.4



#14

Allyl chloride

Concen: 52.644 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

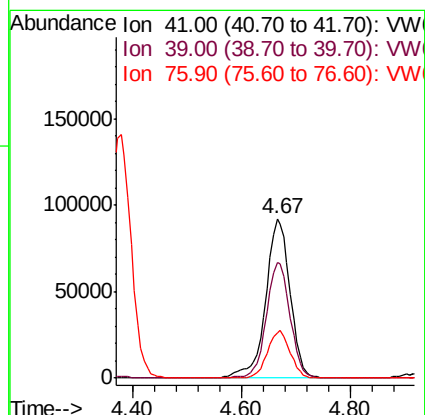
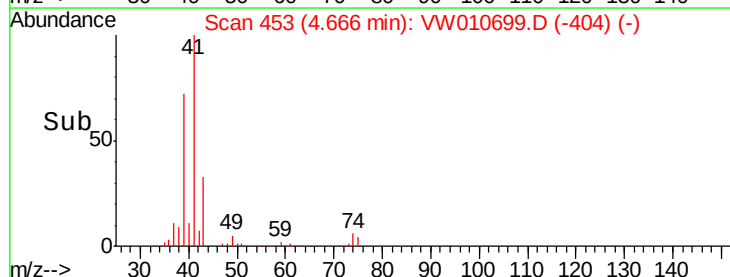
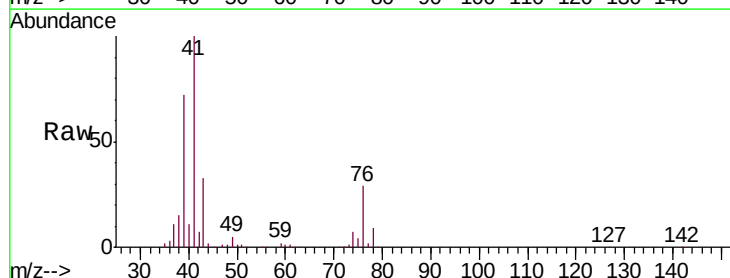
Tgt Ion: 41 Resp: 285455

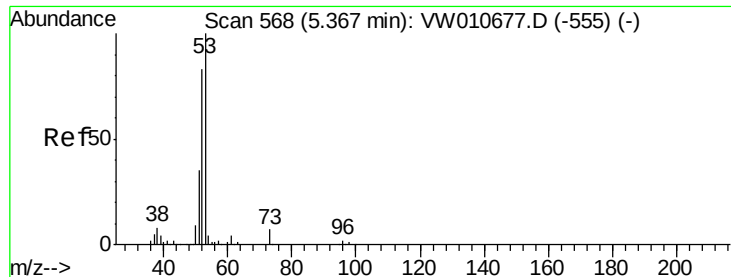
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

76 27.9 22.7 34.1





#15

Acrylonitrile

Concen: 284.642 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

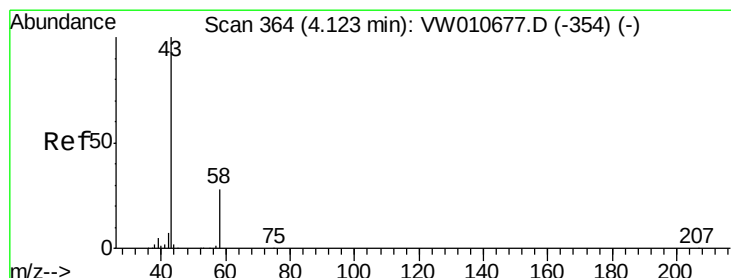
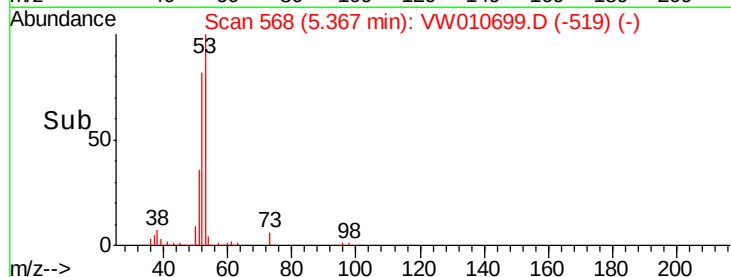
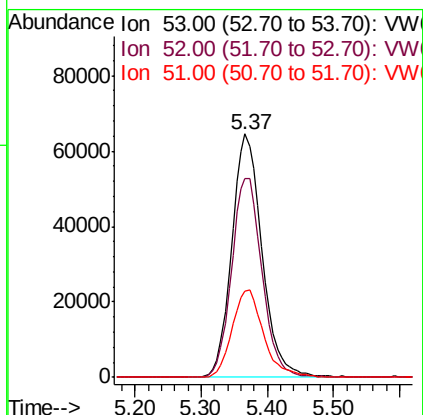
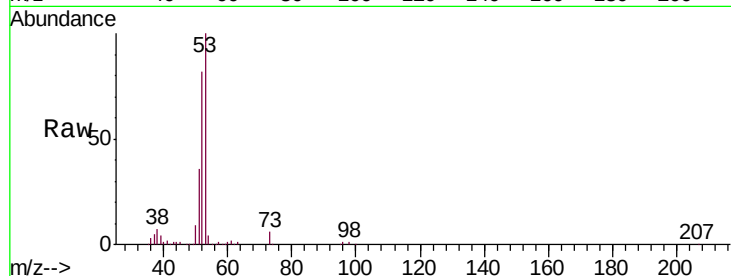
Tgt Ion: 53 Resp: 204914

Ion Ratio Lower Upper

53 100

52 82.3 66.6 100.0

51 37.5 29.8 44.8



#16

Acetone

Concen: 295.502 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010699.D

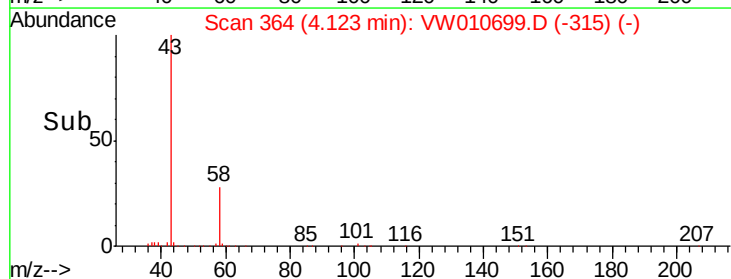
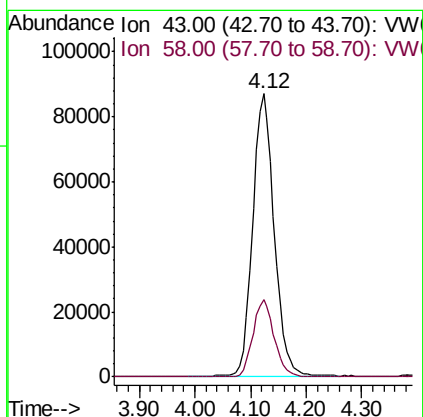
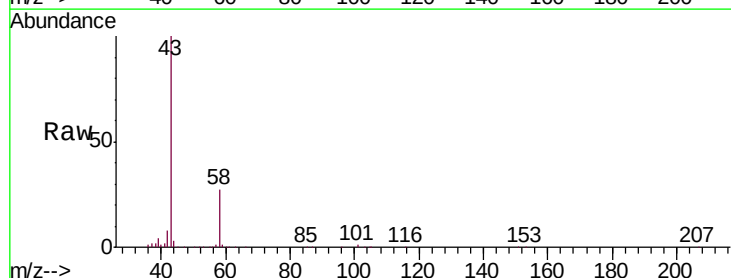
Acq: 05 Jun 2019 18:22

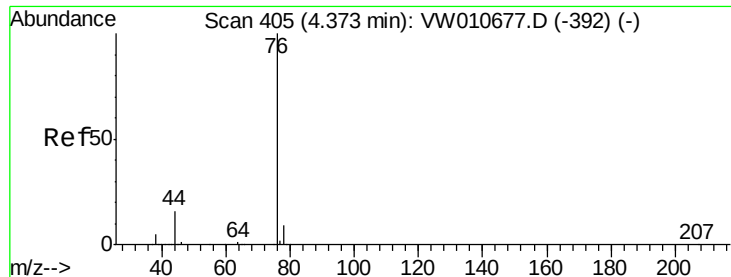
Tgt Ion: 43 Resp: 237324

Ion Ratio Lower Upper

43 100

58 27.3 22.1 33.1





#17

Carbon Disulfide

Concen: 50.819 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

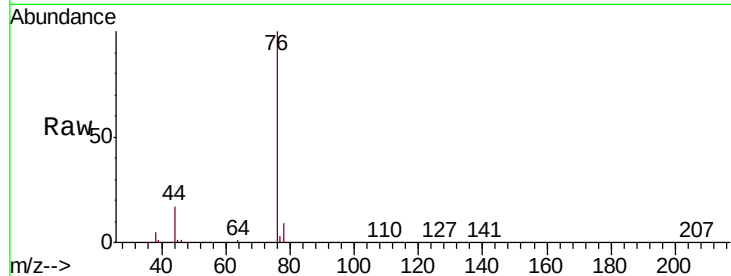
VSTDCCC050EC

Tgt Ion: 76 Resp: 396720

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

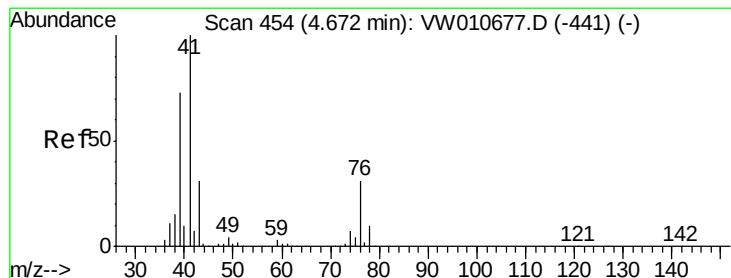
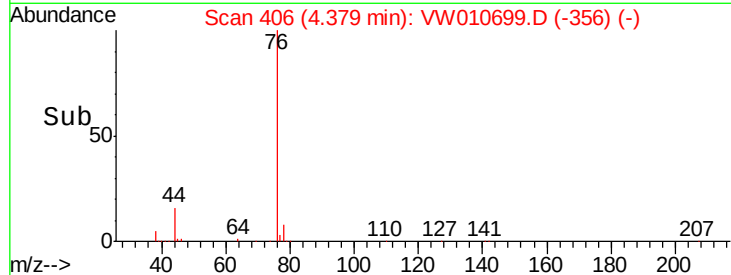
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.045 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010699.D

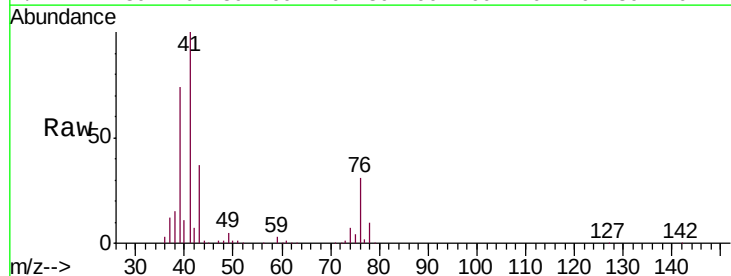
Acq: 05 Jun 2019 18:22

Tgt Ion: 43 Resp: 96890

Ion Ratio Lower Upper

43 100

74 19.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

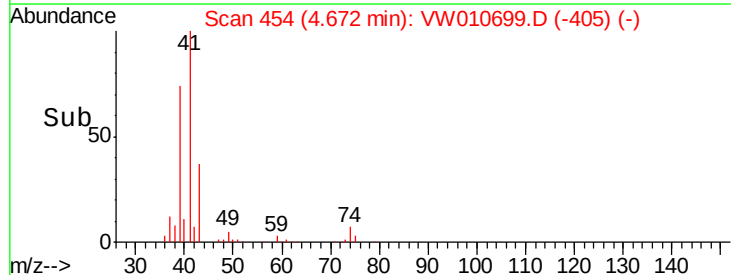
30000

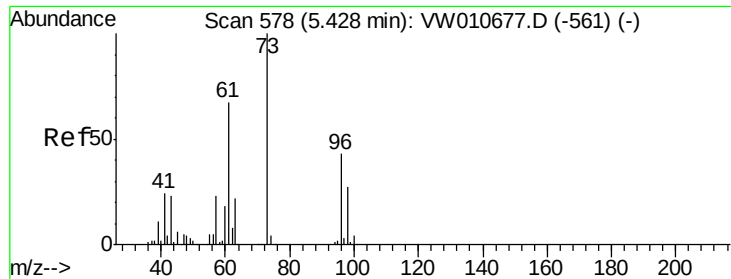
20000

10000

0

Time-->

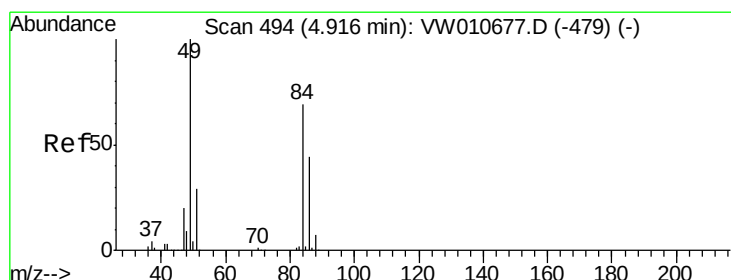
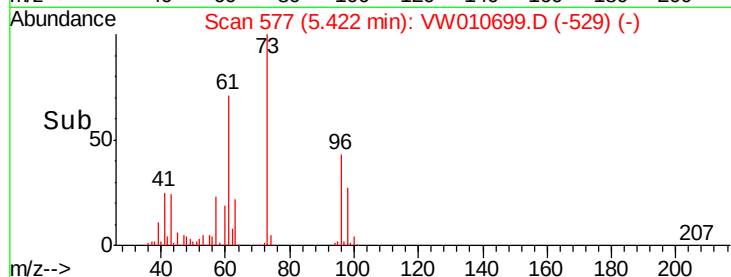
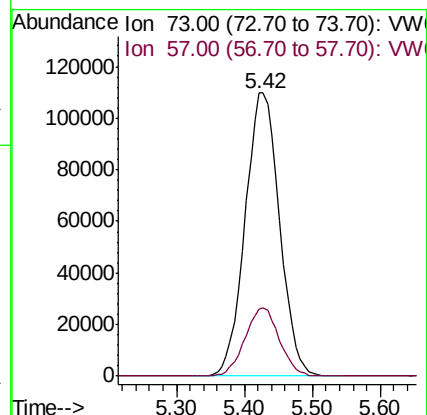
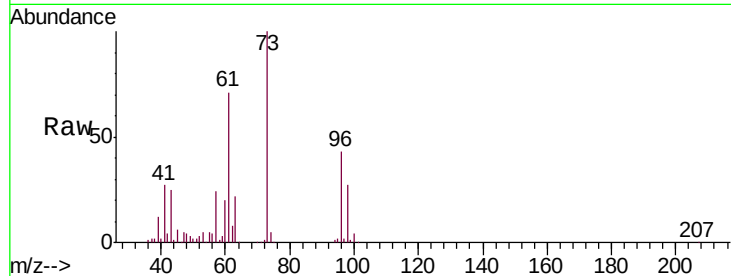




#19
Methyl tert-butyl Ether
Concen: 54.488 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

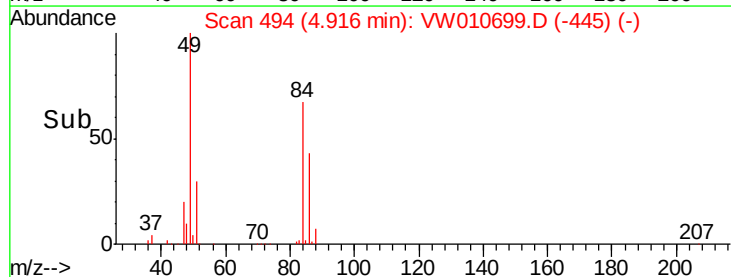
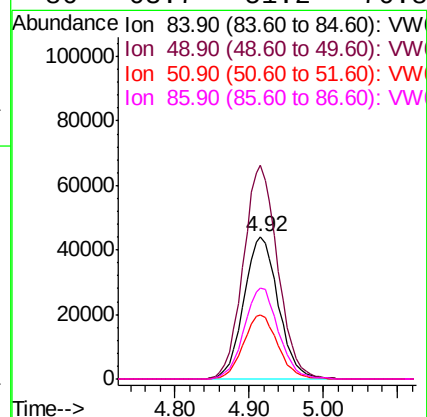
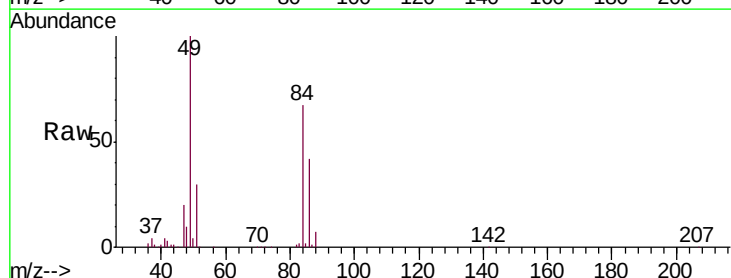
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

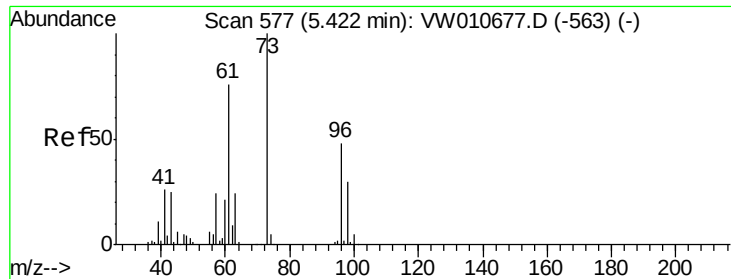
Tgt Ion: 73 Resp: 386464
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8



#20
Methylene Chloride
Concen: 50.707 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 84 Resp: 142863
Ion Ratio Lower Upper
84 100
49 150.2 116.7 175.1
51 44.7 34.2 51.2
86 63.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.114 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

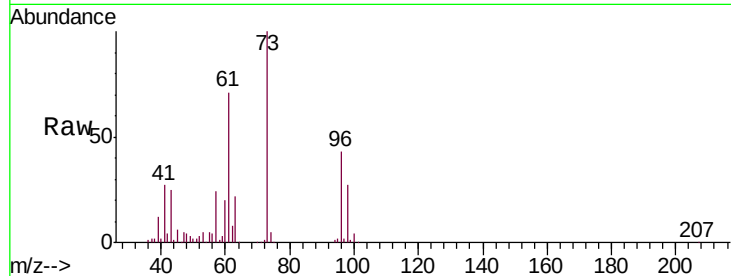
Tgt Ion: 96 Resp: 142695

Ion Ratio Lower Upper

96 100

61 165.4 126.0 189.0

98 62.3 49.6 74.4

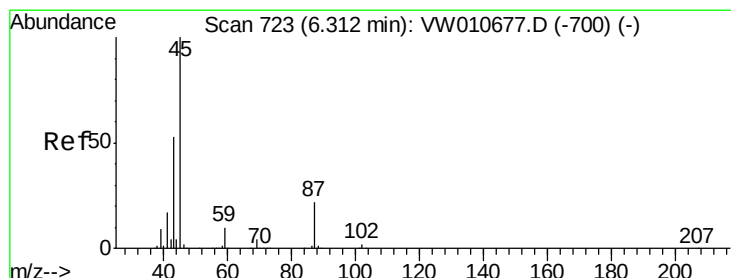
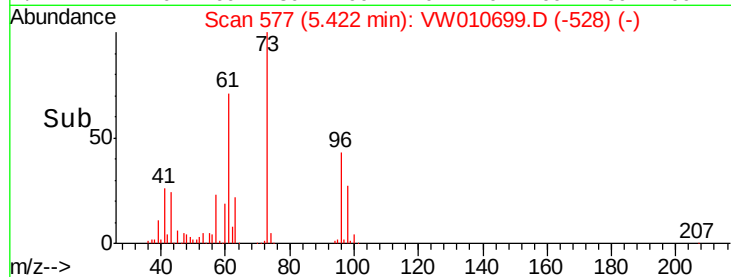
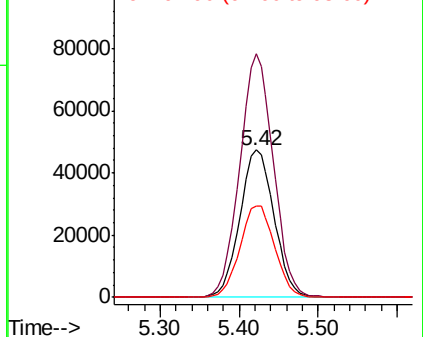


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 53.581 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Tgt Ion: 45 Resp: 581658

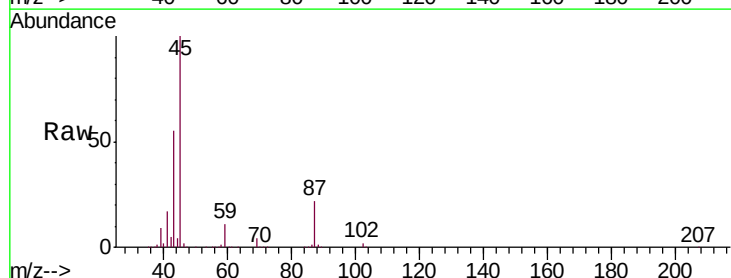
Ion Ratio Lower Upper

45 100

43 54.8 42.5 63.7

87 22.2 17.4 26.2

59 10.9 8.1 12.1



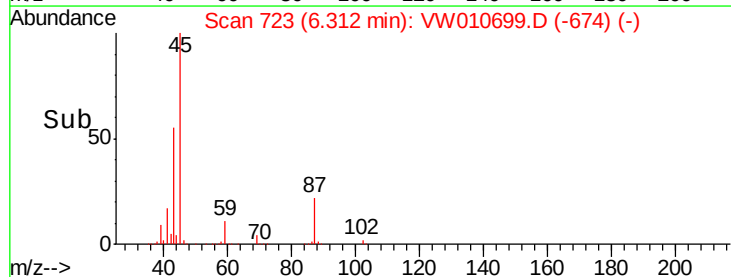
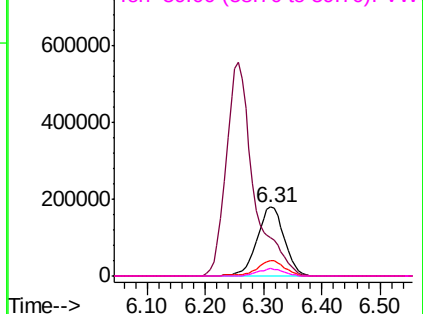
Abundance

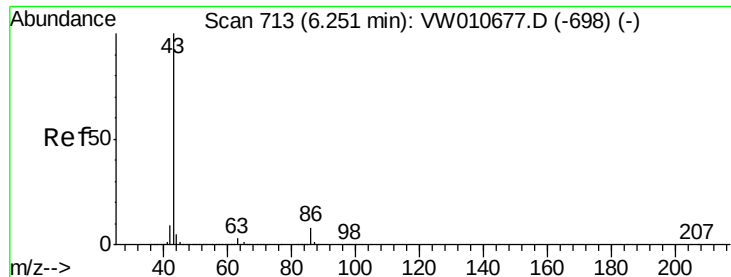
Ion 45.00 (44.70 to 45.70): VW

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: 278.276 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

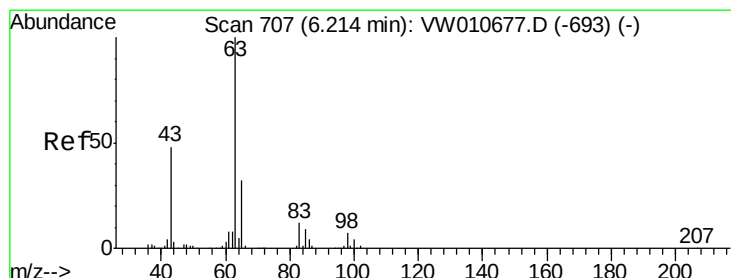
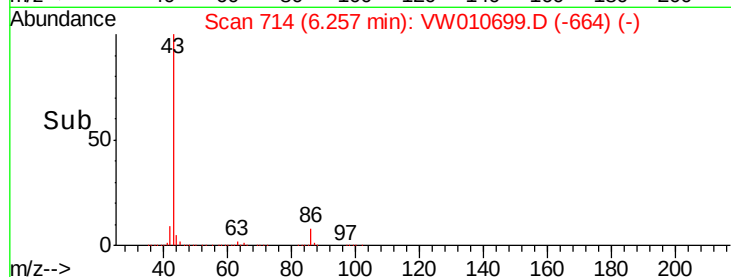
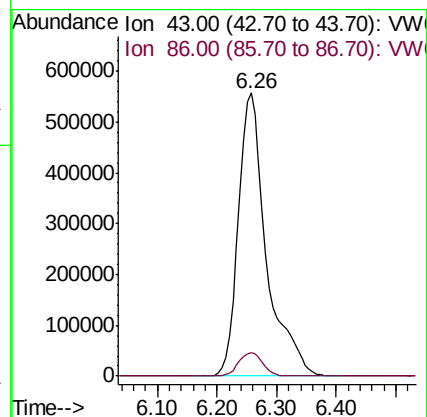
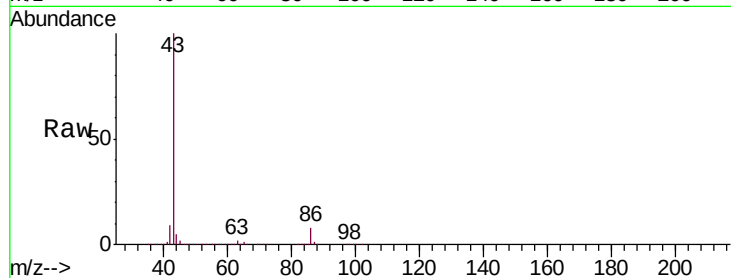
VSTDCCC050EC

Tgt Ion: 43 Resp: 1823102

Ion Ratio Lower Upper

43 100

86 8.2 6.6 10.0



#24

1,1-Dichloroethane

Concen: 52.281 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

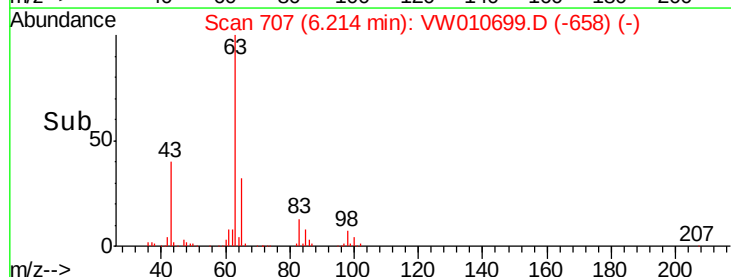
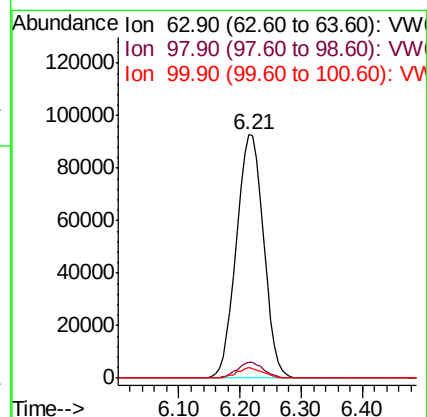
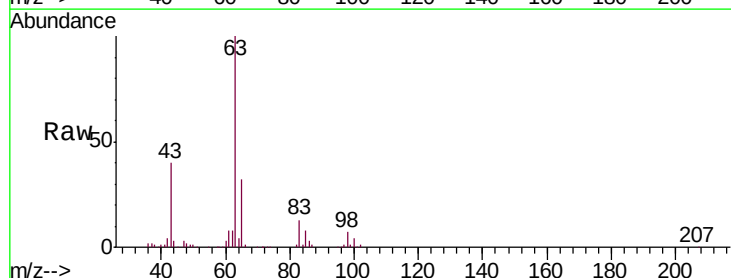
Tgt Ion: 63 Resp: 284426

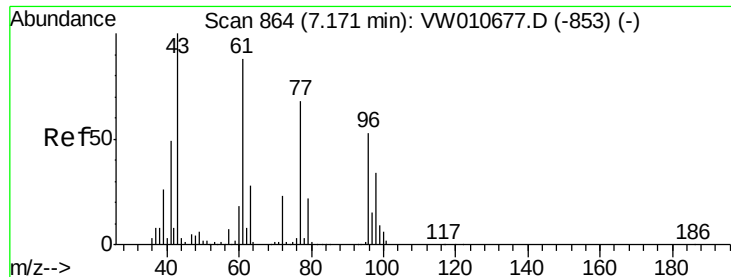
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 289.642 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

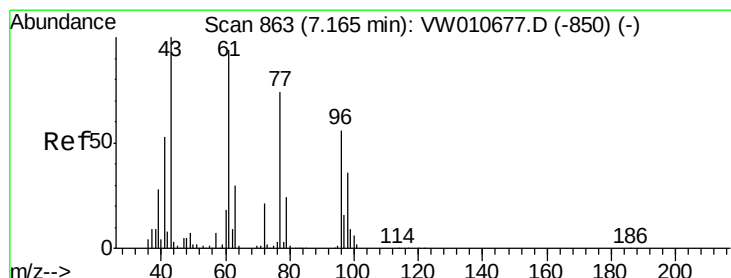
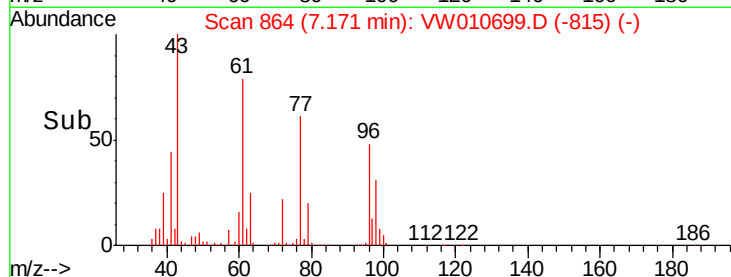
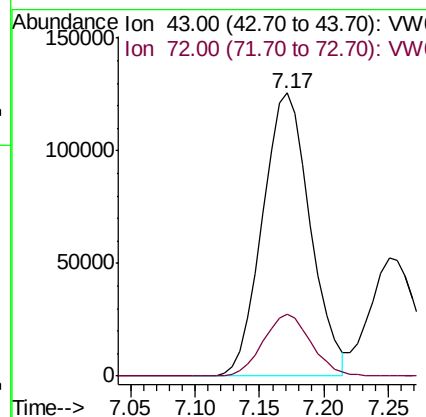
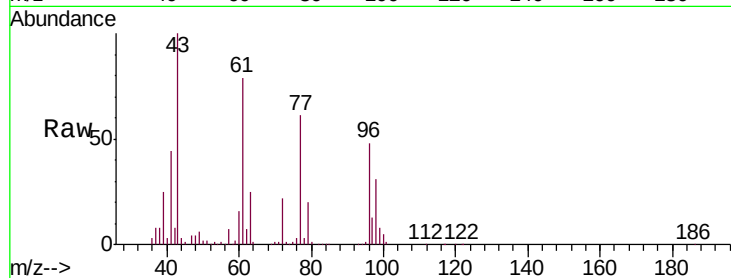
VSTDCCC050EC

Tgt Ion: 43 Resp: 322556

Ion Ratio Lower Upper

43 100

72 21.8 18.1 27.1



#26

2,2-Dichloropropane

Concen: 51.698 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010699.D

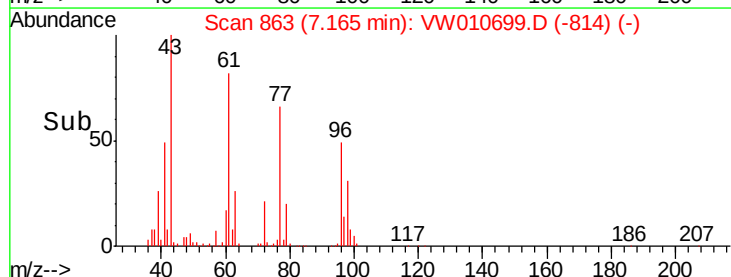
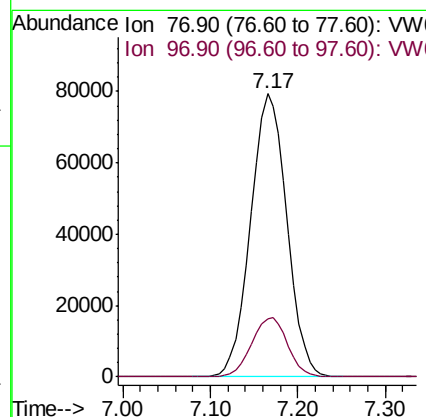
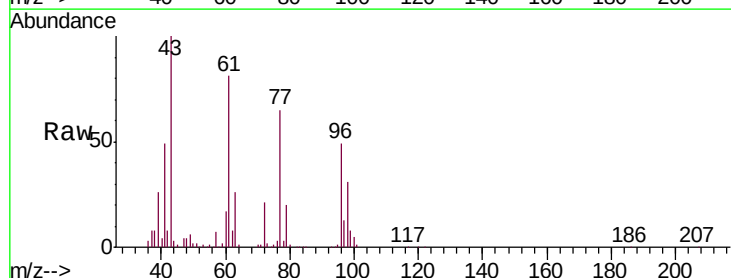
Acq: 05 Jun 2019 18:22

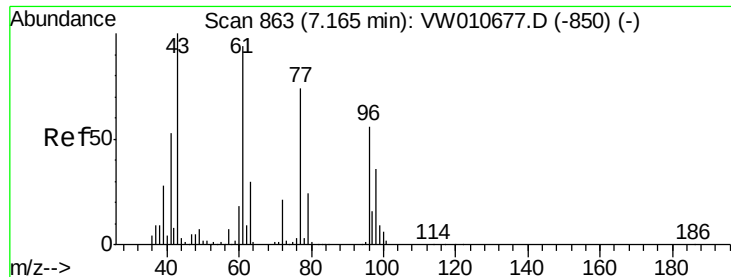
Tgt Ion: 77 Resp: 228864

Ion Ratio Lower Upper

77 100

97 20.8 10.5 31.6



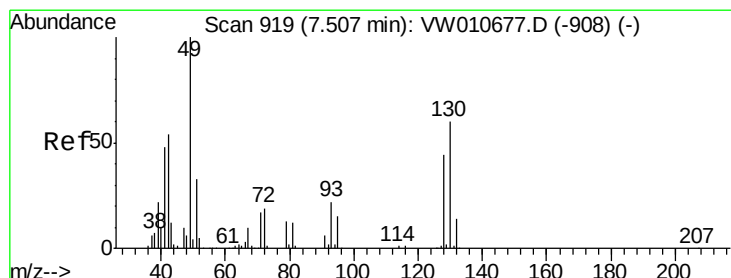
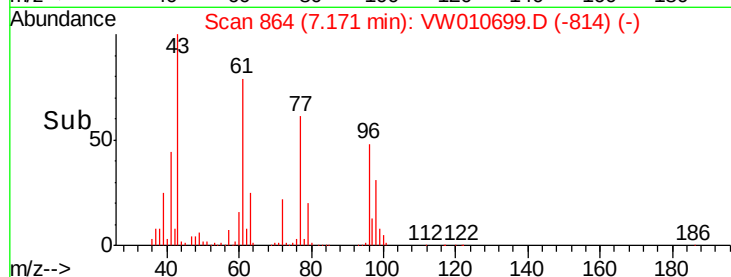
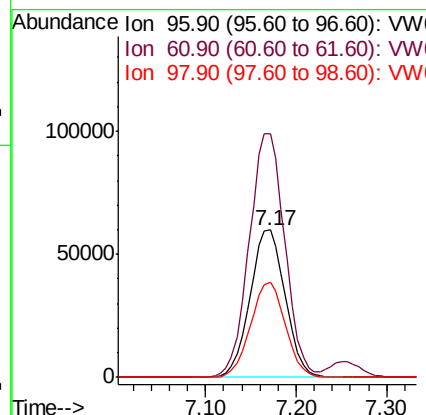
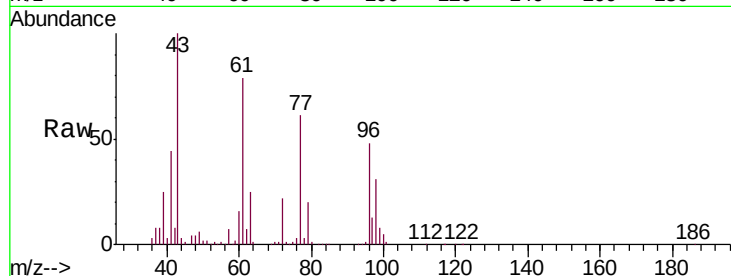


#27

cis-1,2-Dichloroethene
Concen: 52.087 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

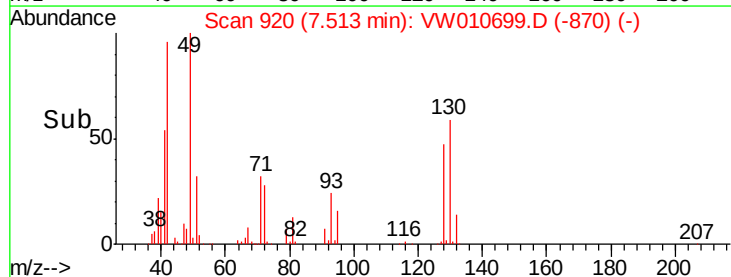
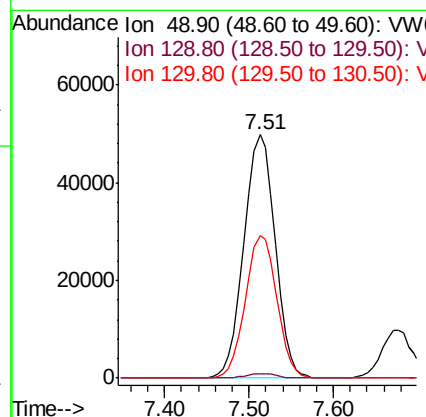
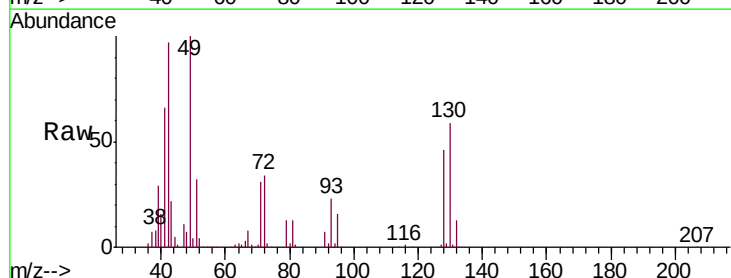
Tgt Ion: 96 Resp: 160026
Ion Ratio Lower Upper
96 100
61 167.7 0.0 336.4
98 64.1 0.0 128.0

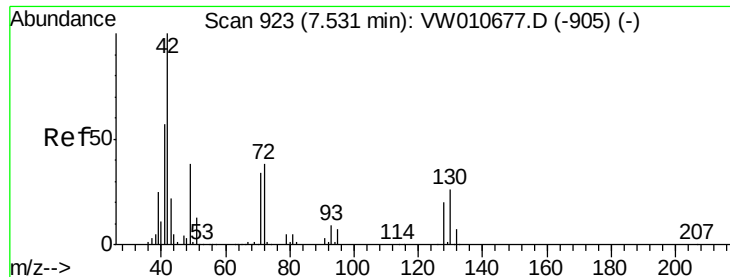


#28

Bromochloromethane
Concen: 51.526 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 49 Resp: 125098
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.2
130 58.7 48.3 72.5

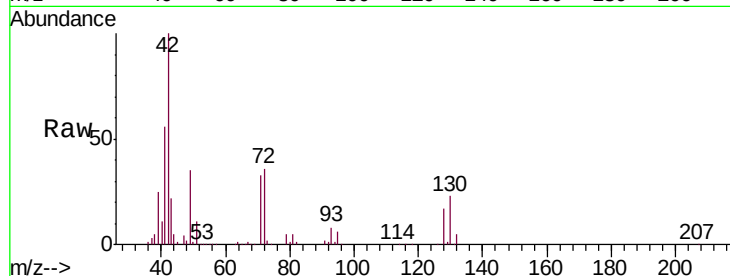




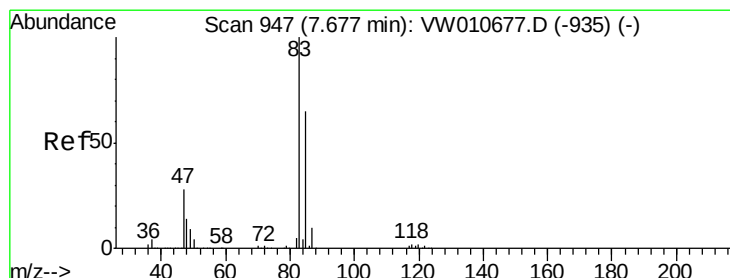
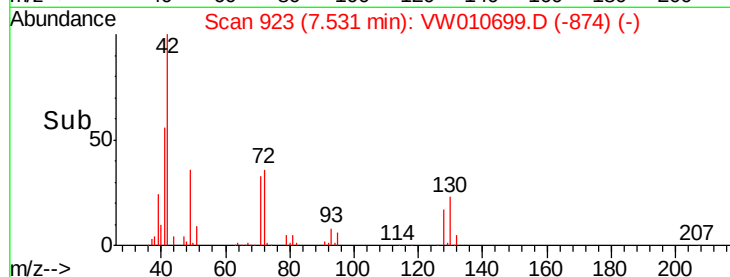
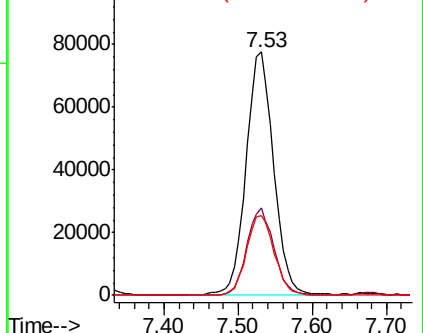
#29
Tetrahydrofuran
Concen: 288.068 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 201783
Ion Ratio Lower Upper
42 100
72 35.1 28.7 43.1
71 33.2 26.6 39.8

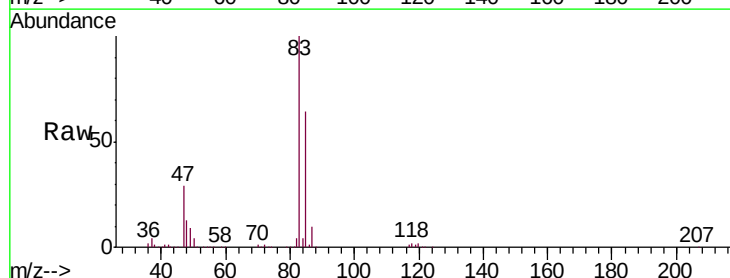


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

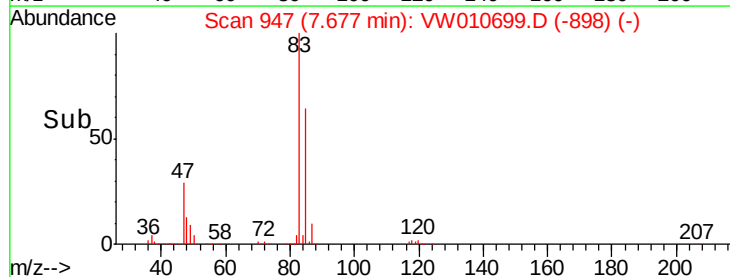
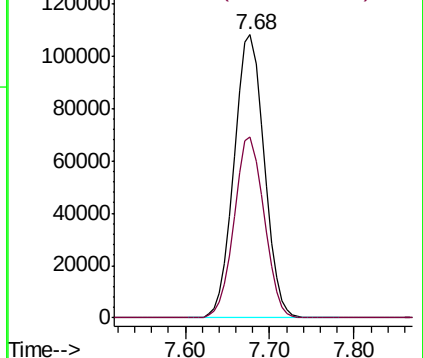


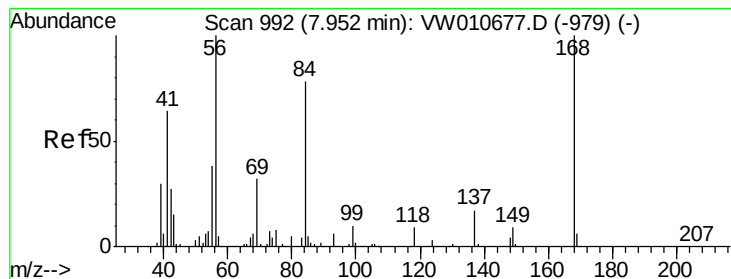
#30
Chloroform
Concen: 52.544 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 83 Resp: 261462
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8



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





#31

Cyclohexane

Concen: 48.736 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

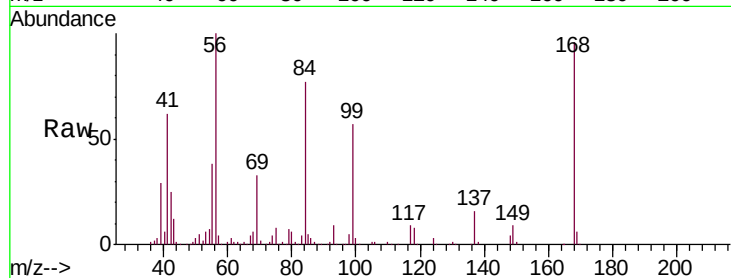
Tgt Ion: 56 Resp: 294735

Ion Ratio Lower Upper

56 100

69 32.9 25.2 37.8

84 76.4 62.2 93.2

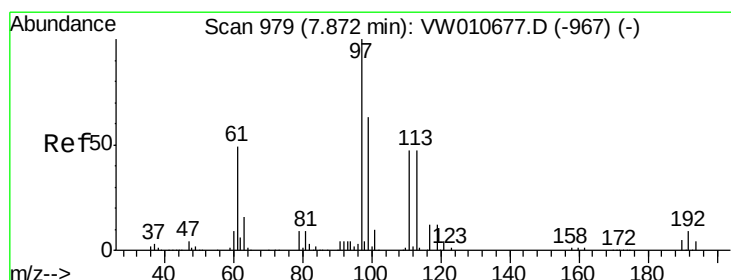
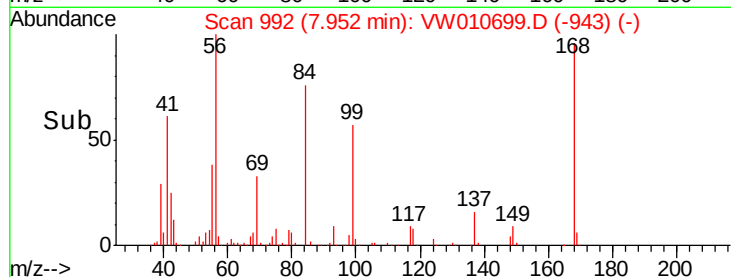
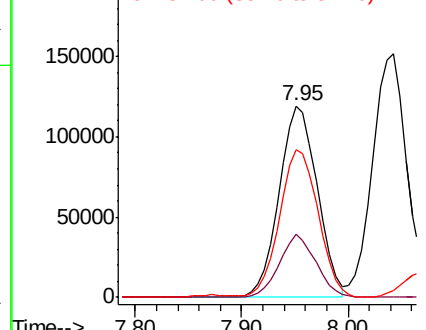


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 52.030 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

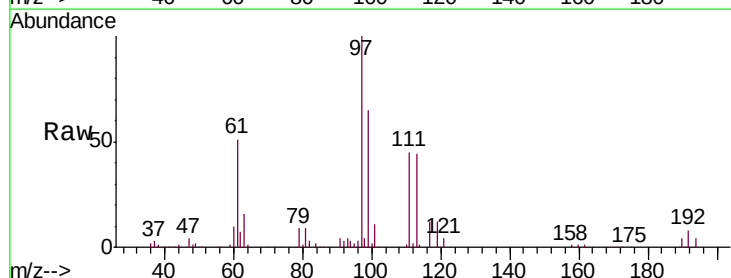
Tgt Ion: 97 Resp: 226163

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 50.7 40.4 60.6

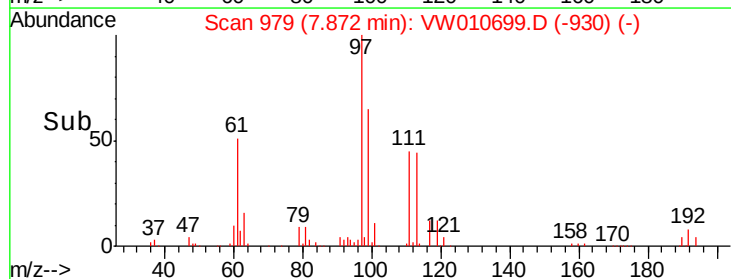
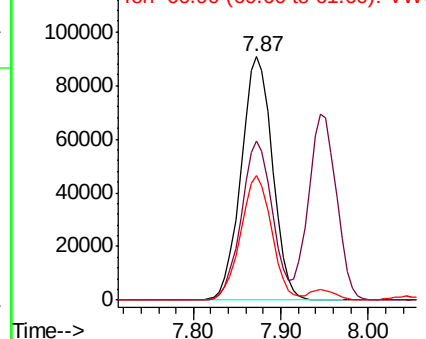


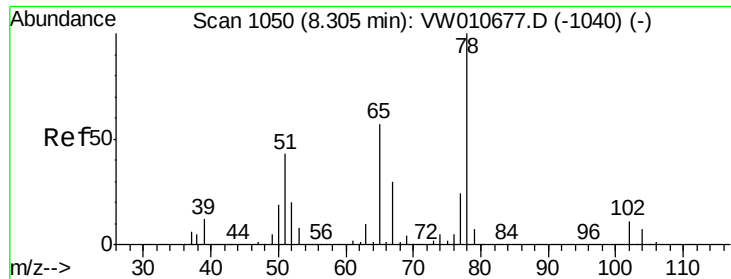
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

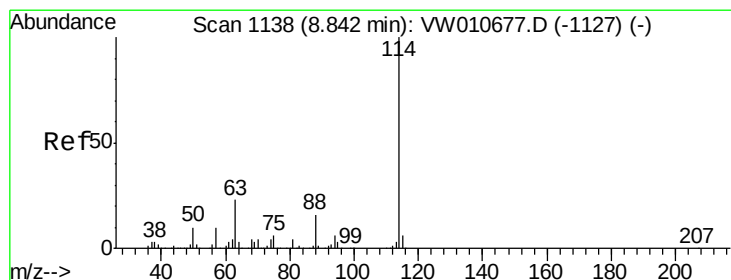
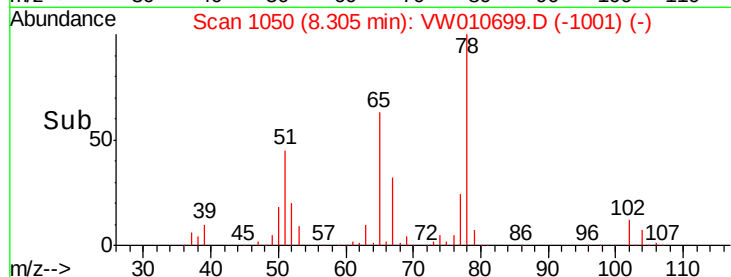
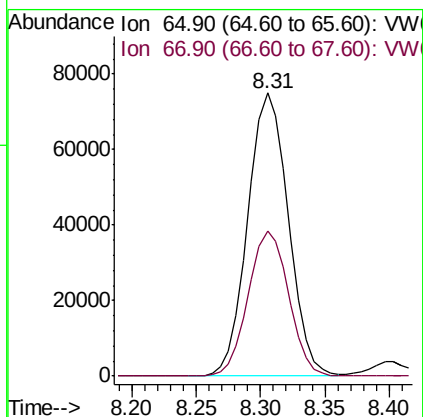
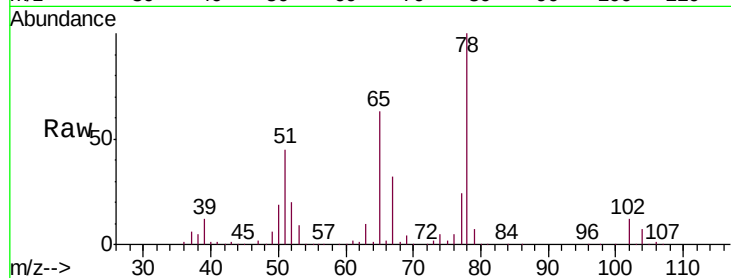




#33
 1,2-Dichloroethane-d4
 Concen: 54.736 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

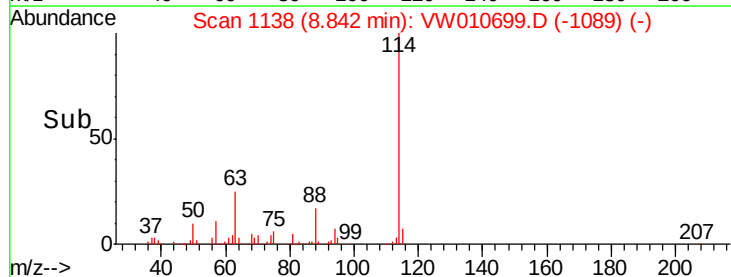
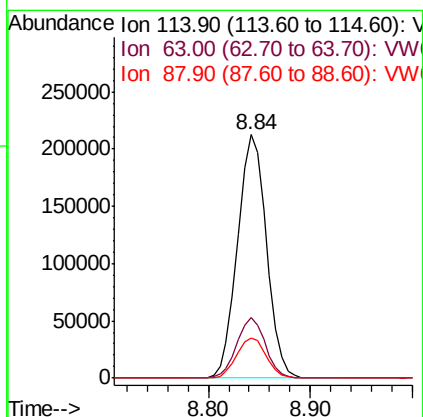
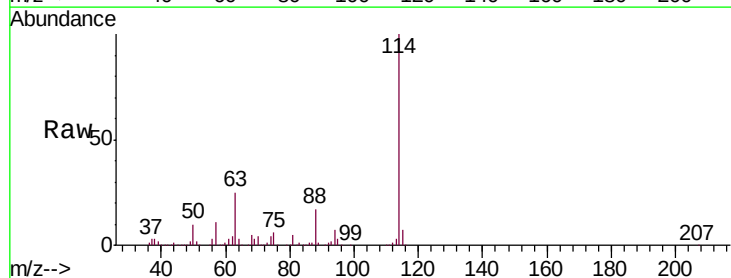
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

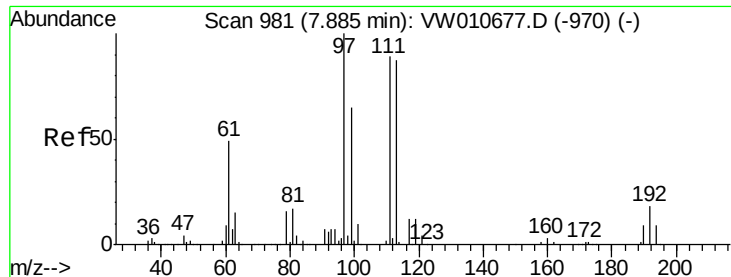
Tgt Ion: 65 Resp: 164061
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 114 Resp: 418470
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 46.4
 88 16.6 0.0 32.2

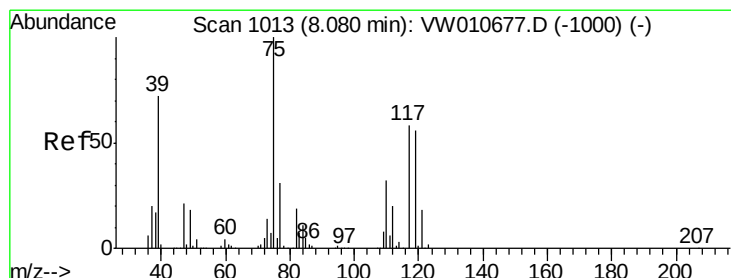
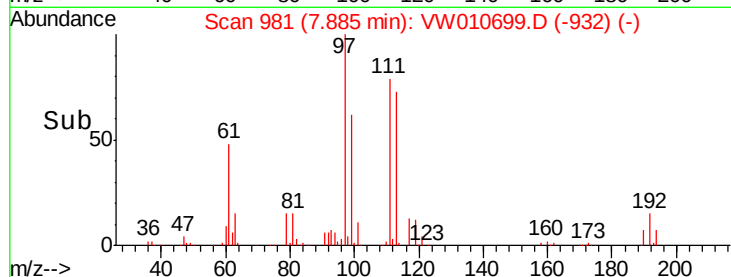
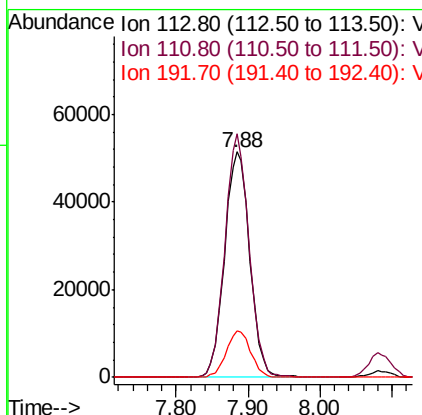
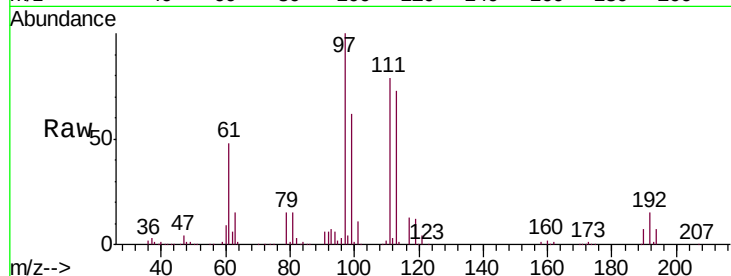




#35
 Dibromofluoromethane
 Concen: 55.047 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

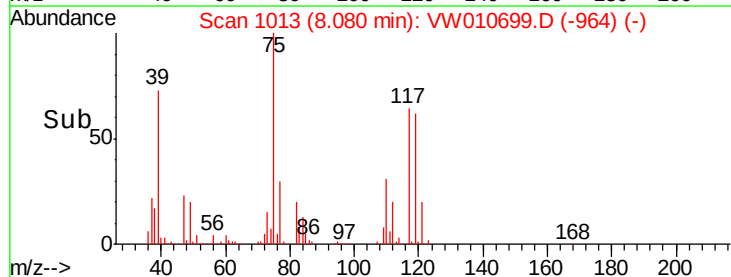
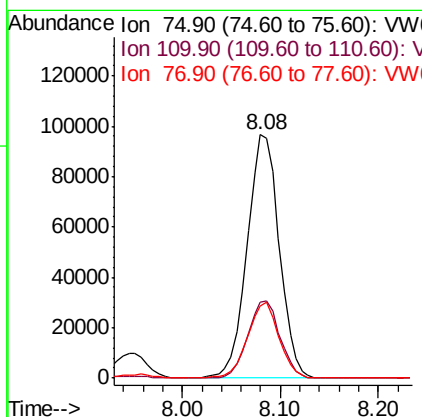
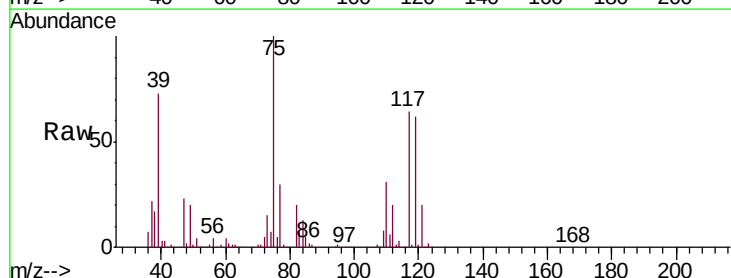
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

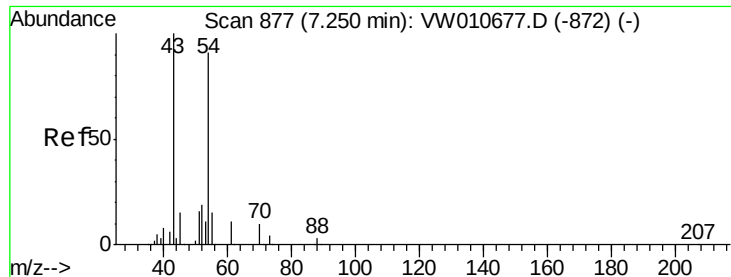
Tgt Ion: 113 Resp: 125031
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.6 123.8
 192 20.1 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 51.291 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 75 Resp: 219706
 Ion Ratio Lower Upper
 75 100
 110 31.8 15.8 47.3
 77 30.7 24.7 37.1

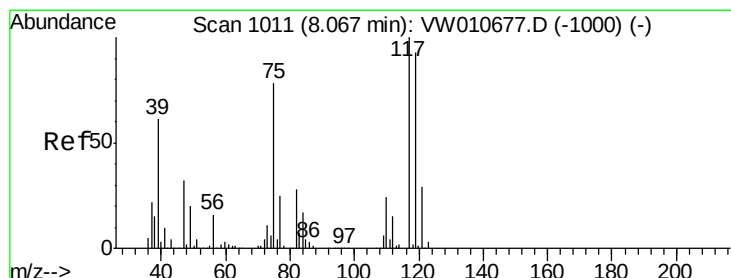
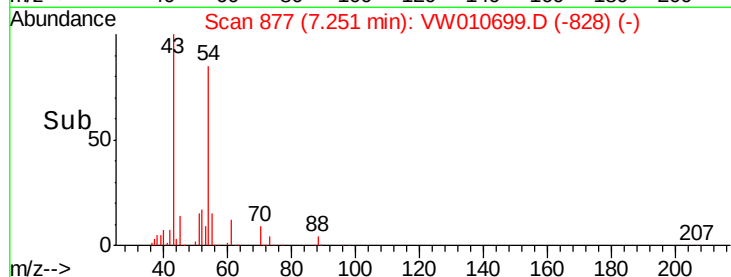
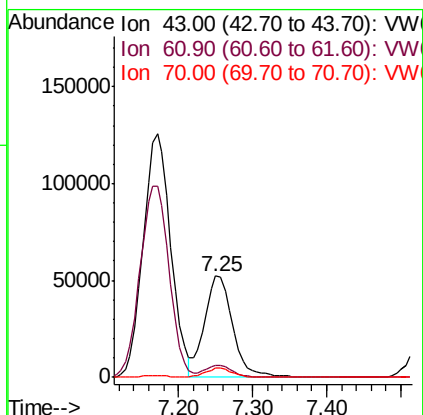
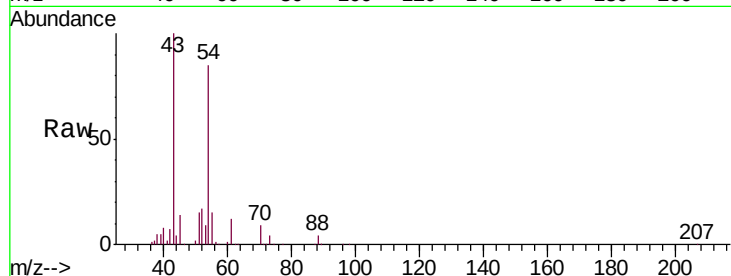




#37
Ethyl Acetate
Concen: 57.476 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

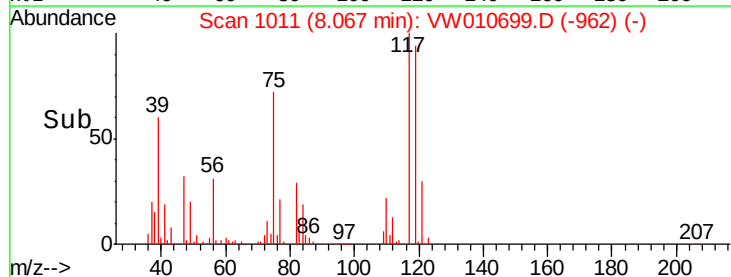
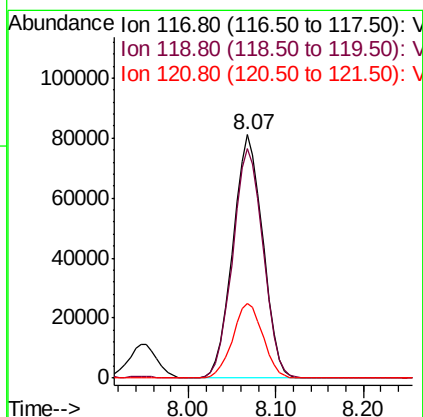
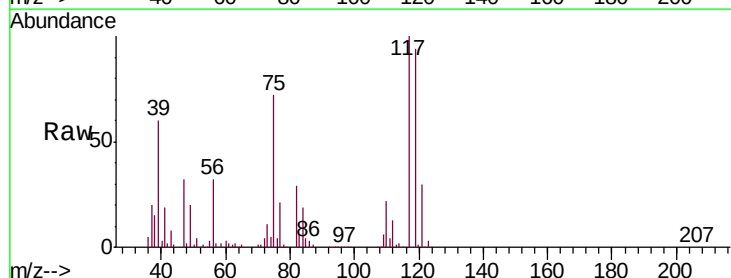
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

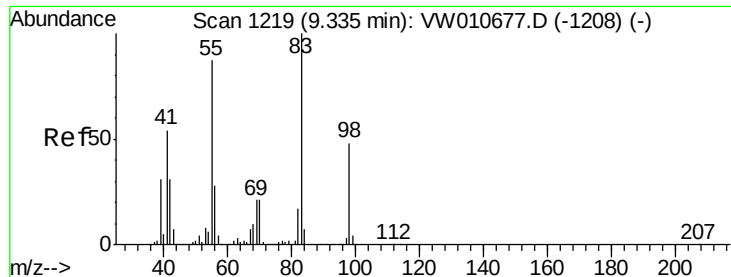
Tgt Ion: 43 Resp: 136430
Ion Ratio Lower Upper
43 100
61 11.6 9.7 14.5
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.276 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 117 Resp: 193306
Ion Ratio Lower Upper
117 100
119 94.1 74.2 111.4
121 30.5 22.9 34.3

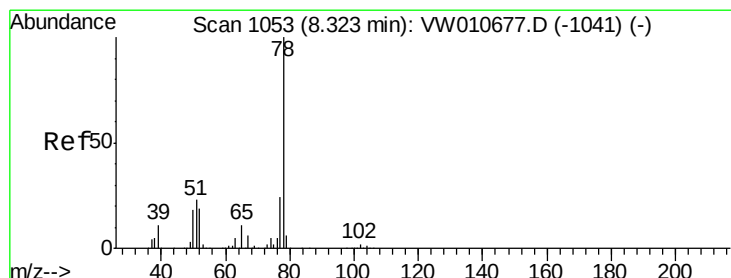
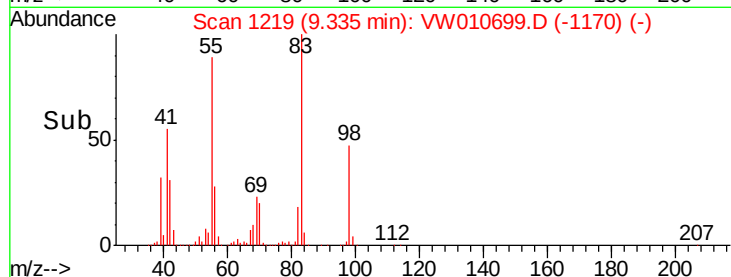
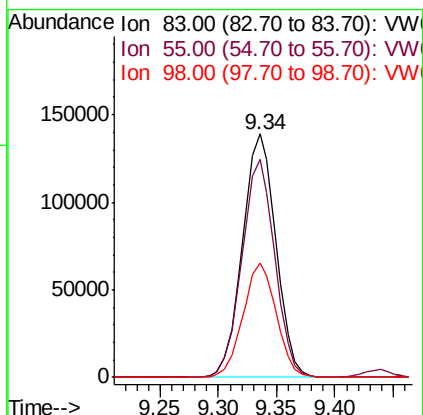
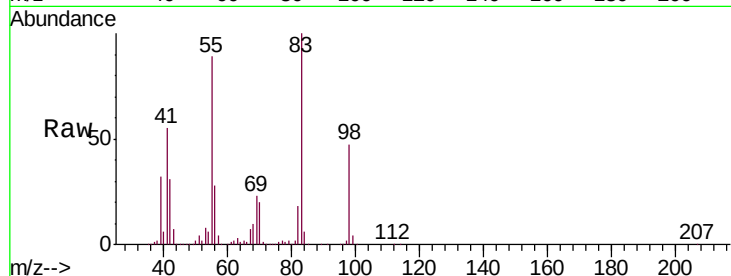




#39
Methylcyclohexane
Concen: 51.264 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

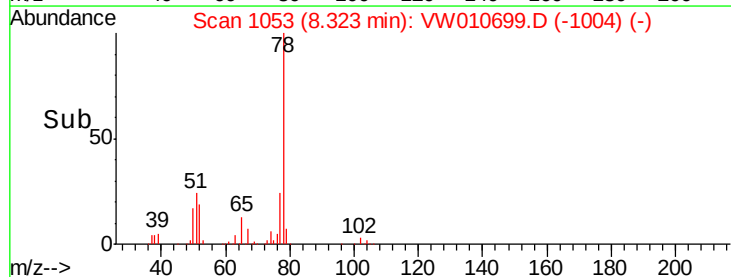
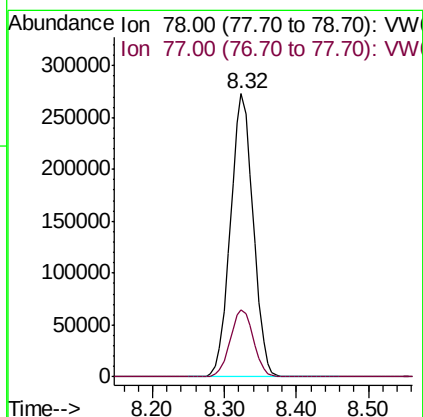
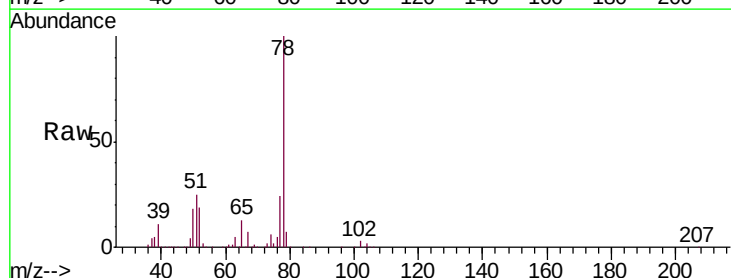
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

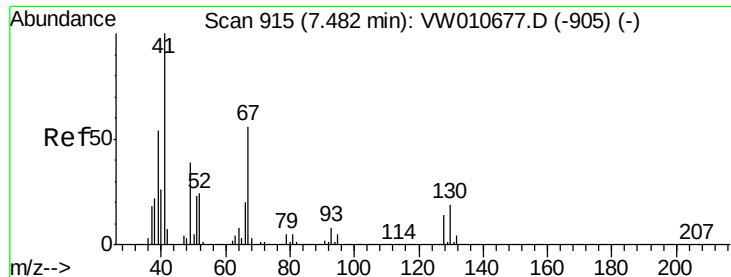
Tgt Ion: 83 Resp: 279151
Ion Ratio Lower Upper
83 100
55 89.5 70.0 105.0
98 47.2 38.1 57.1



#40
Benzene
Concen: 51.192 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 78 Resp: 598212
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

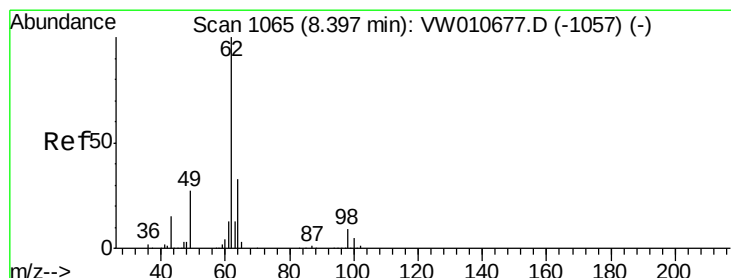
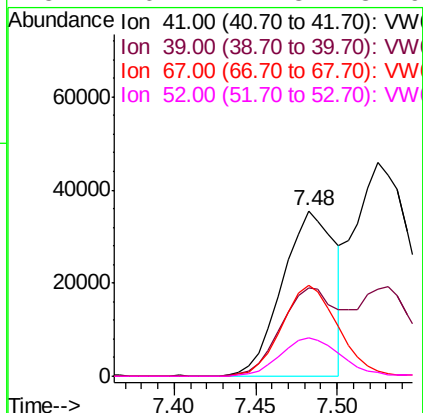
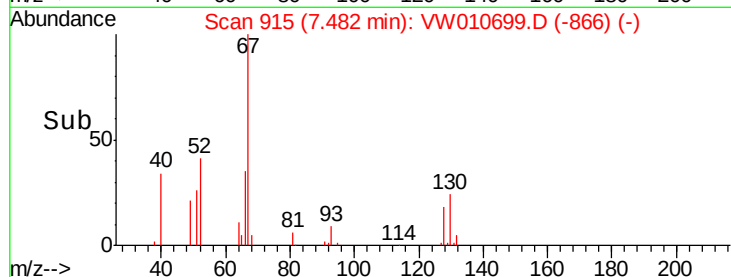
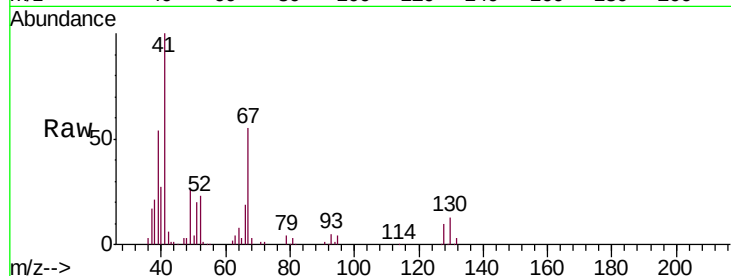




#41
Methacrylonitrile
Concen: 56.553 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

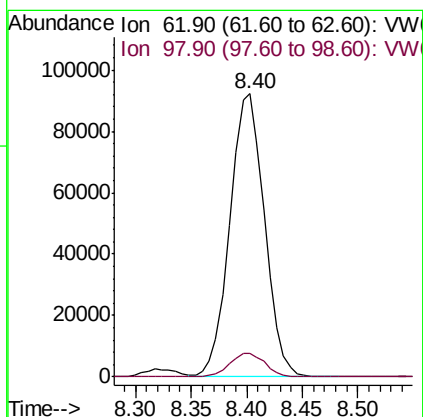
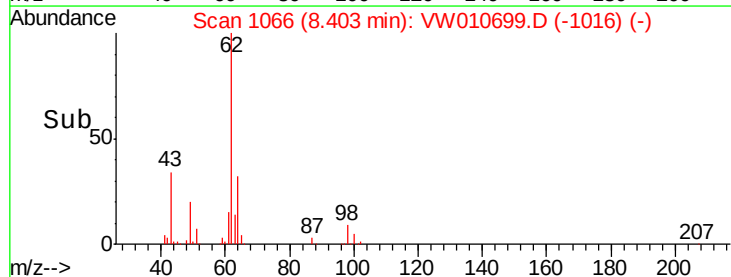
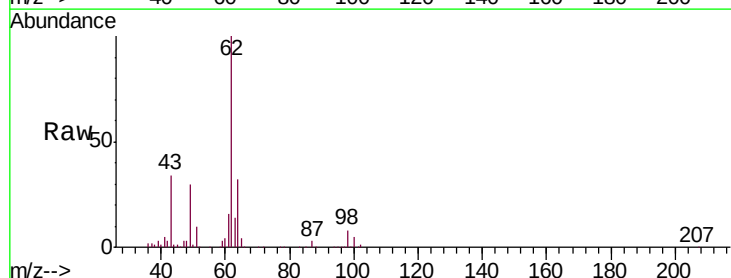
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

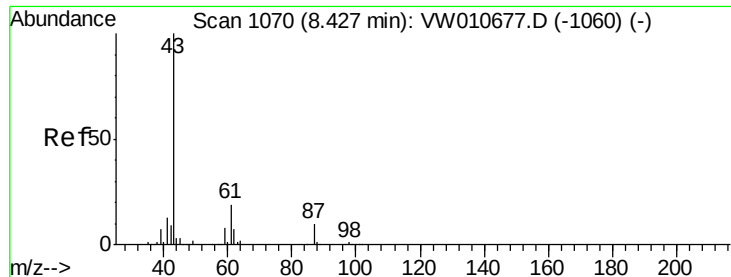
Tgt Ion:	41	Resp:	79791
Ion	Ratio	Lower	Upper
41	100		
39	53.8	47.3	70.9
67	59.2	47.2	70.8
52	26.7	21.3	31.9



#42
1,2-Dichloroethane
Concen: 53.548 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion:	62	Resp:	198599
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 56.615 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

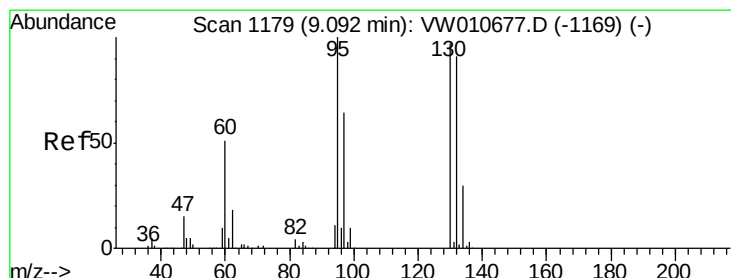
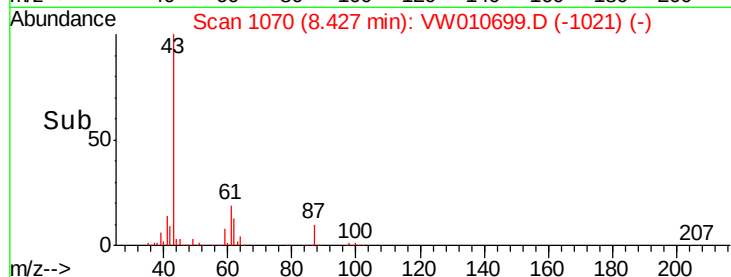
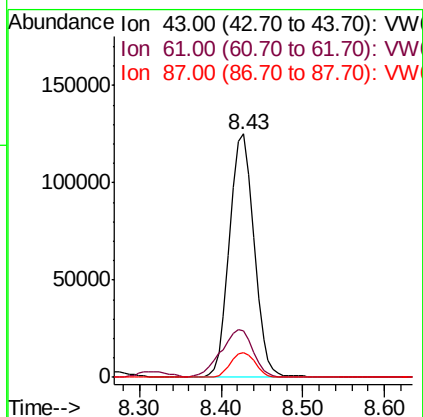
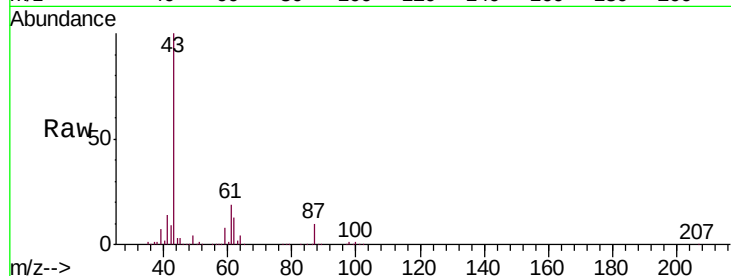
Tgt Ion: 43 Resp: 259626

Ion Ratio Lower Upper

43 100

61 25.4 21.2 31.8

87 10.4 8.3 12.5



#44

Trichloroethene

Concen: 51.124 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010699.D

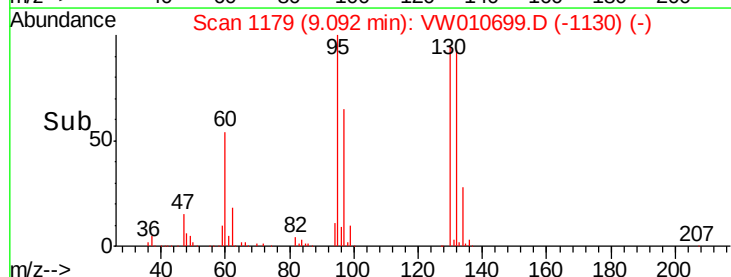
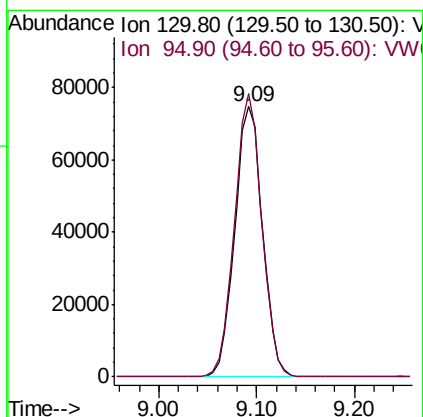
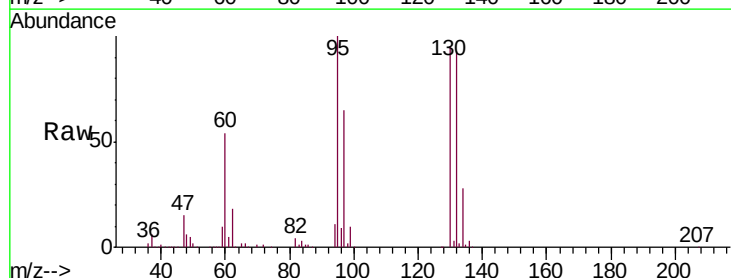
Acq: 05 Jun 2019 18:22

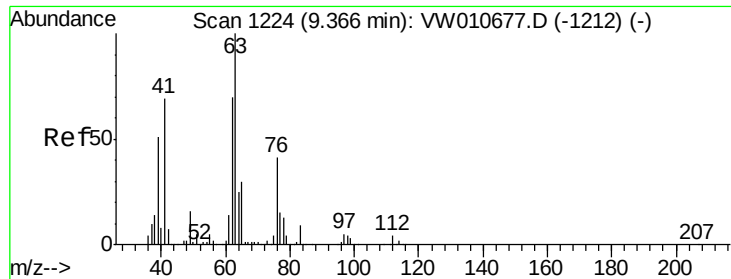
Tgt Ion: 130 Resp: 147370

Ion Ratio Lower Upper

130 100

95 104.8 0.0 207.0

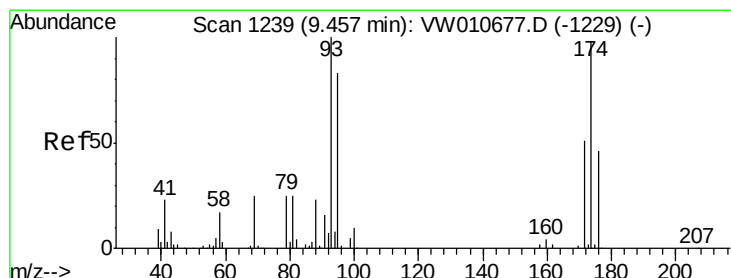
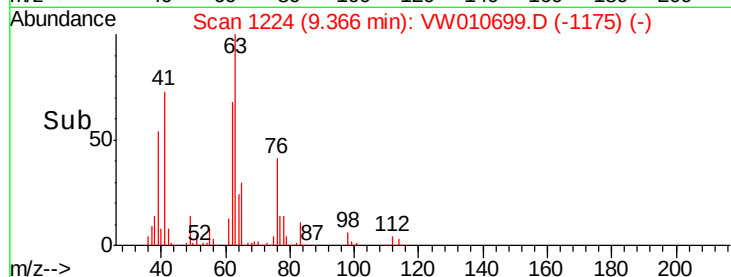
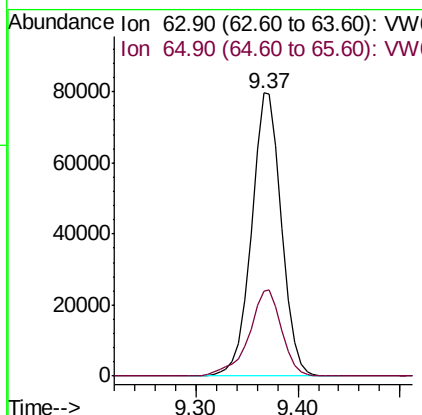
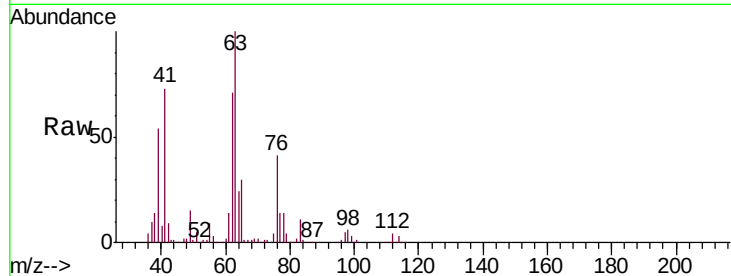




#45
 1,2-Dichloropropane
 Concen: 52.572 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

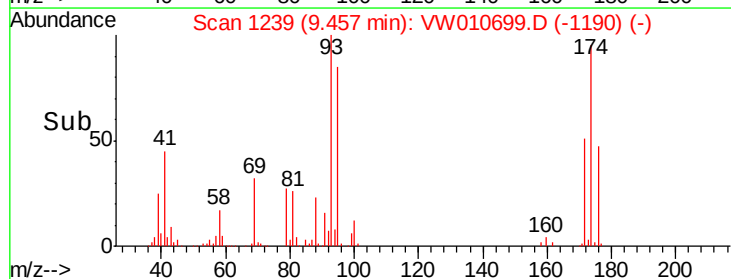
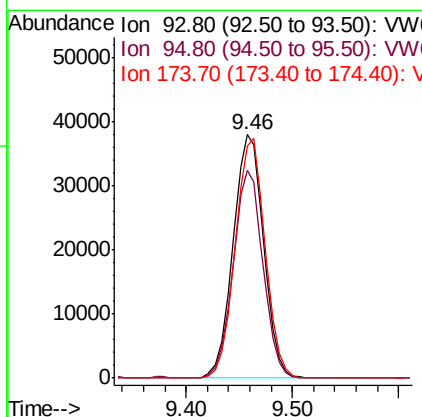
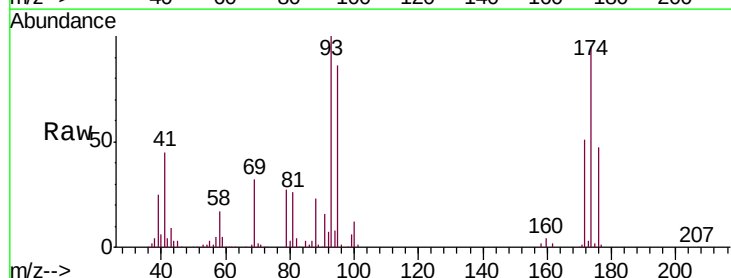
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

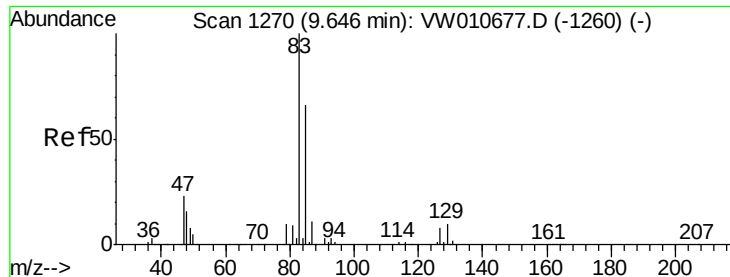
Tgt Ion: 63 Resp: 162624
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.6



#46
 Dibromomethane
 Concen: 53.173 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 93 Resp: 76398
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 96.2 77.4 116.0





#47

Bromodichloromethane

Concen: 53.902 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

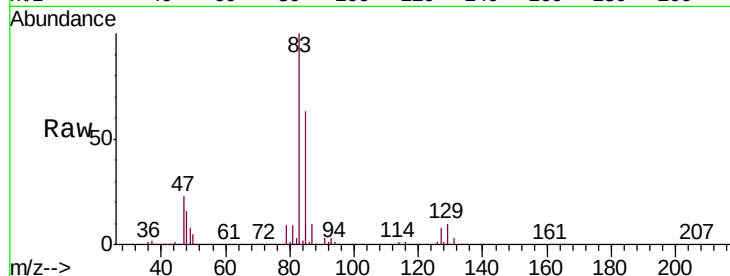
Tgt Ion: 83 Resp: 200753

Ion Ratio Lower Upper

83 100

85 62.8 53.0 79.4

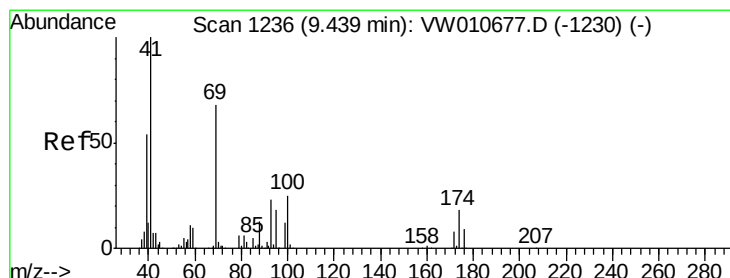
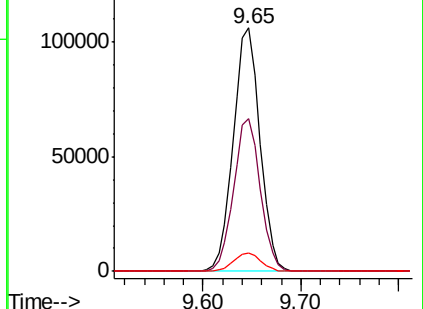
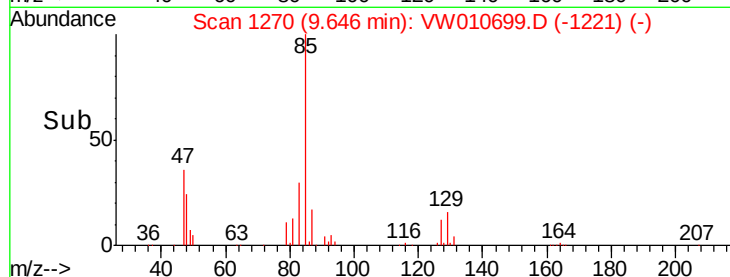
127 7.5 6.4 9.6



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: 60.794 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

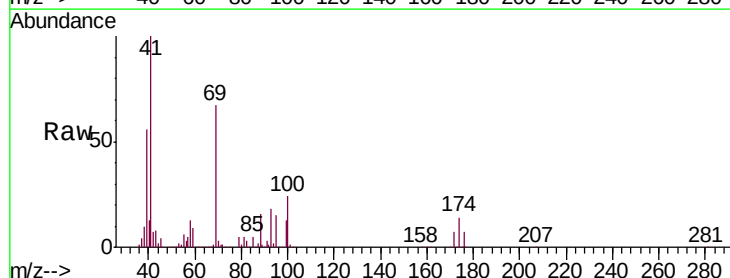
Tgt Ion: 41 Resp: 134417

Ion Ratio Lower Upper

41 100

69 65.6 56.6 85.0

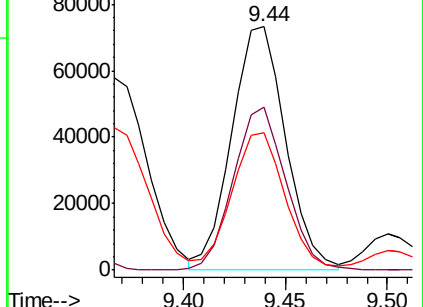
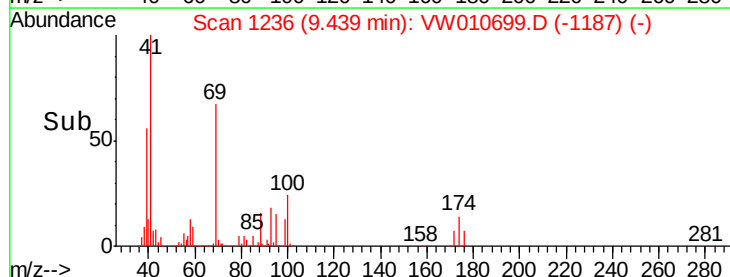
39 52.7 44.4 66.6

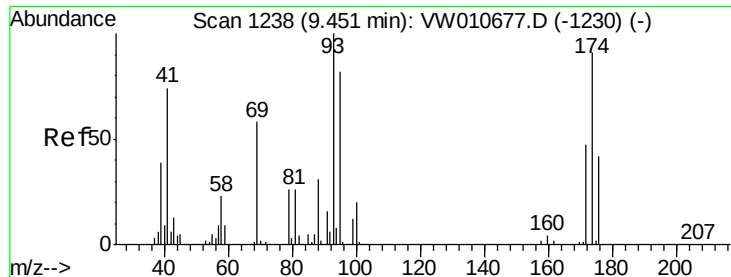


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

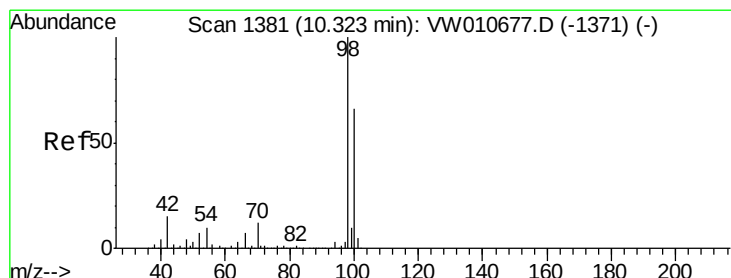
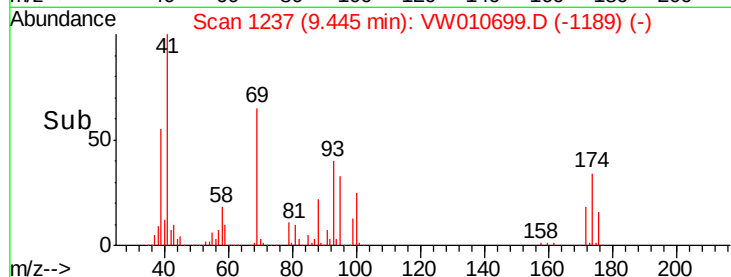
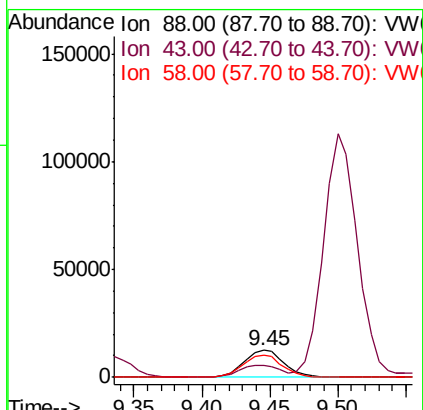
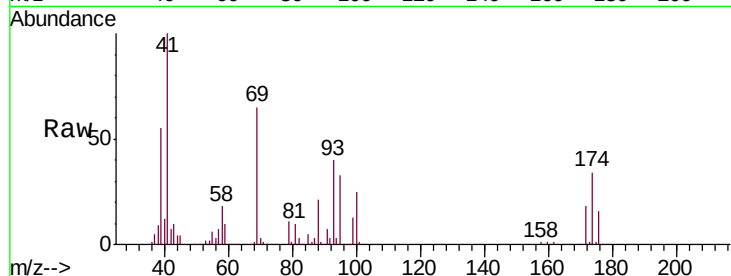




#49
1,4-Dioxane
Concen: 1145.016 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

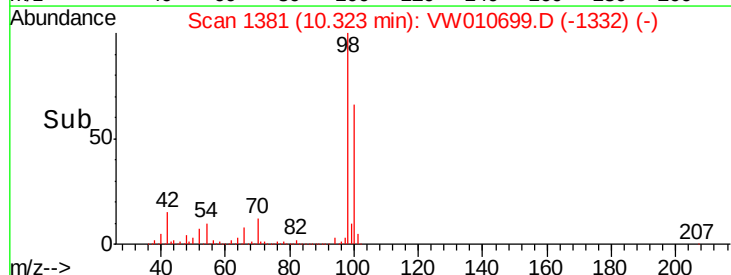
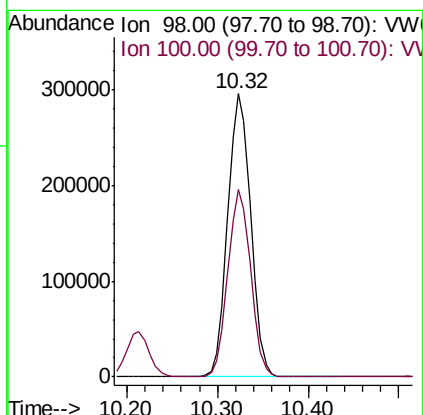
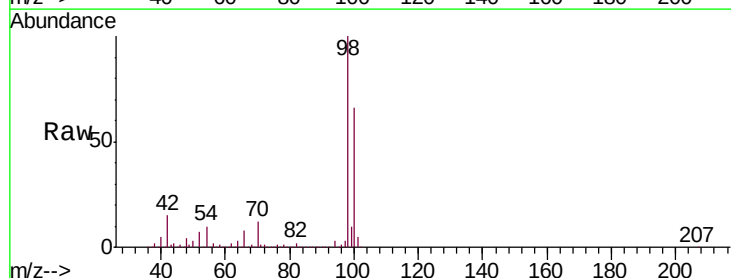
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

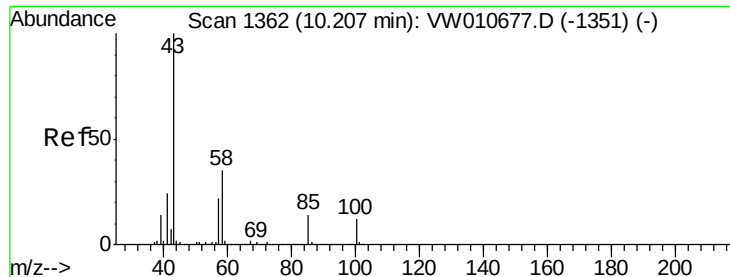
Tgt Ion: 88 Resp: 25721
Ion Ratio Lower Upper
88 100
43 43.9 34.2 51.4
58 83.4 69.0 103.4



#50
Toluene-d8
Concen: 52.253 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion: 98 Resp: 520448
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

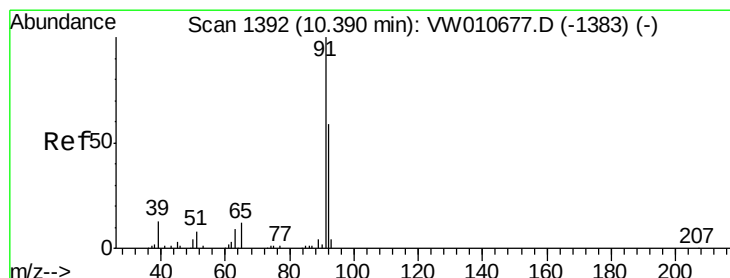
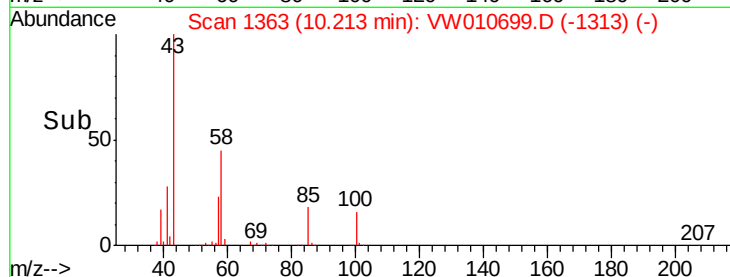
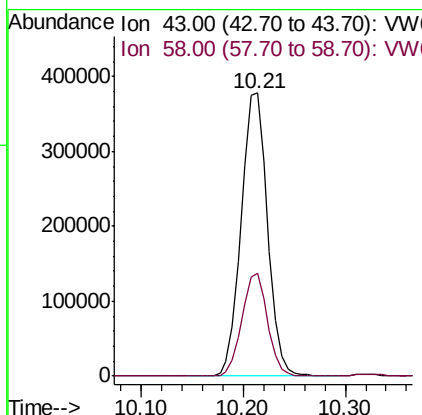
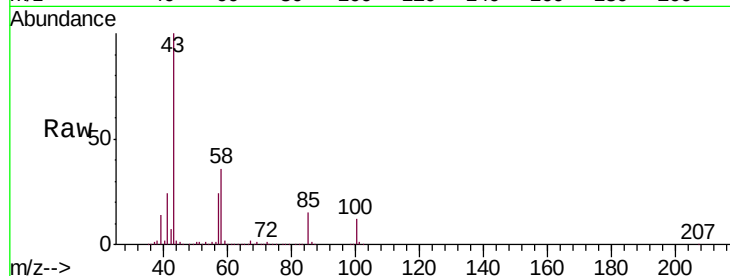




#51
 4-Methyl-2-Pentanone
 Concen: 289.128 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

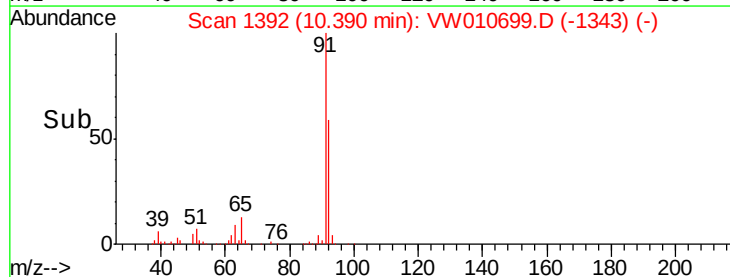
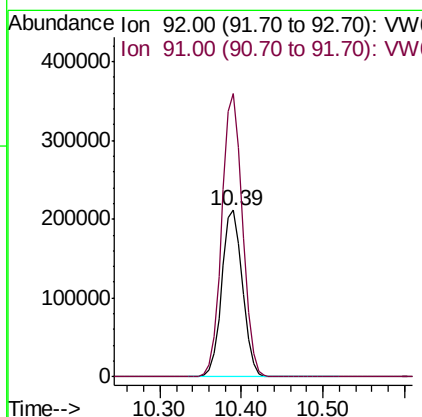
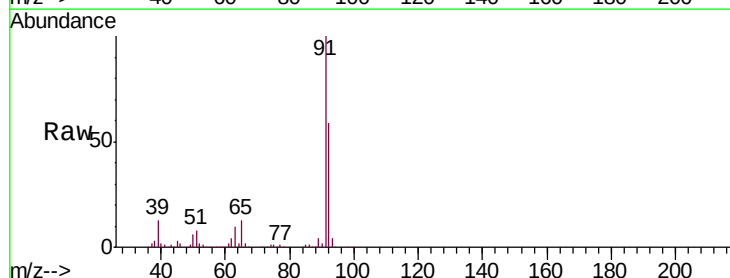
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

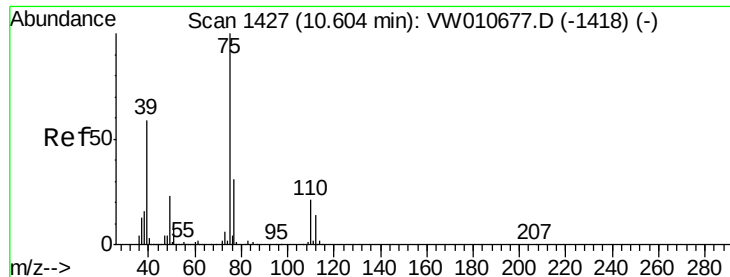
Tgt Ion: 43 Resp: 677354
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.4 42.6



#52
 Toluene
 Concen: 51.655 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 92 Resp: 371398
 Ion Ratio Lower Upper
 92 100
 91 169.8 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 53.904 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

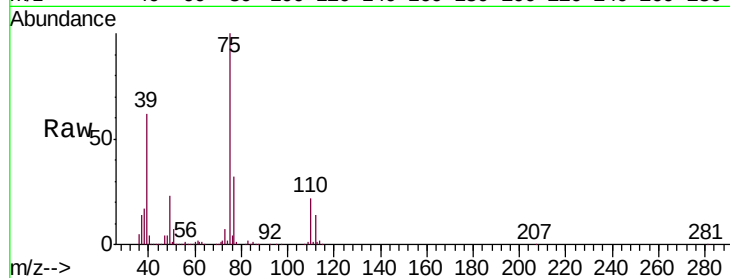
VSTDCCC050EC

Tgt Ion: 75 Resp: 212642

Ion Ratio Lower Upper

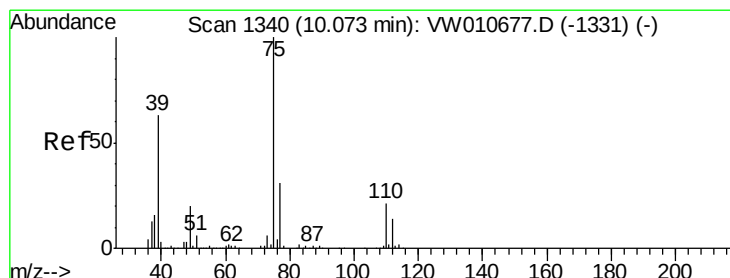
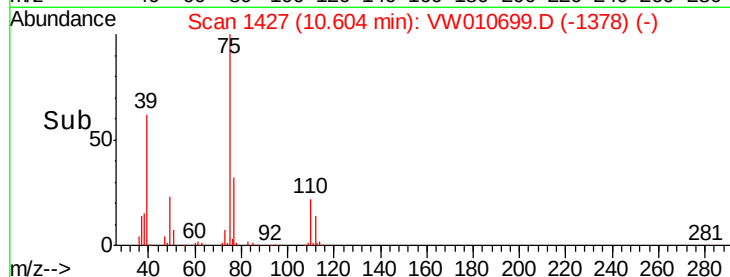
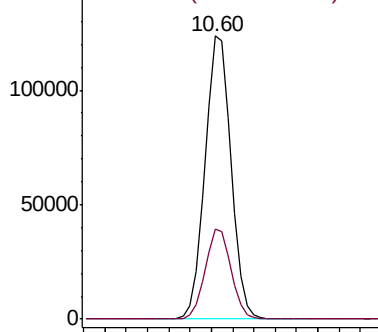
75 100

77 32.0 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 53.296 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

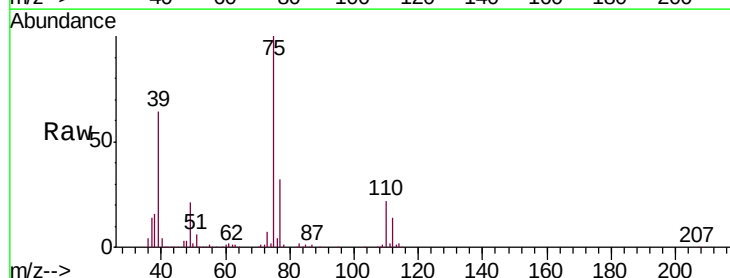
Tgt Ion: 75 Resp: 247399

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

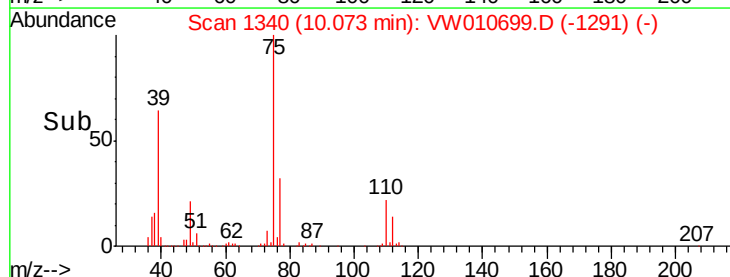
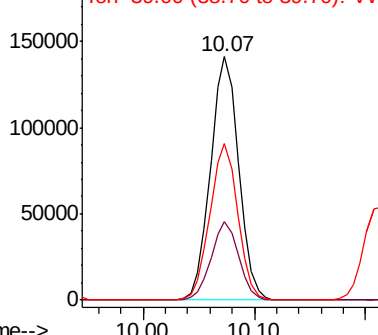
39 64.2 50.1 75.1

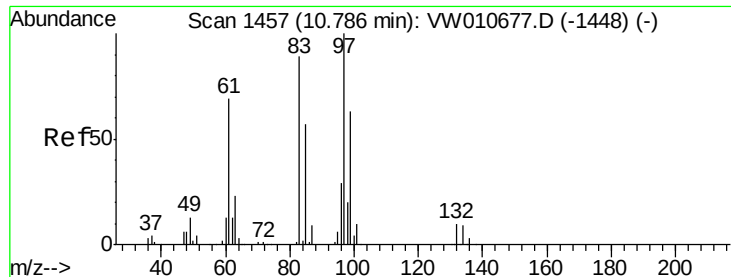


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

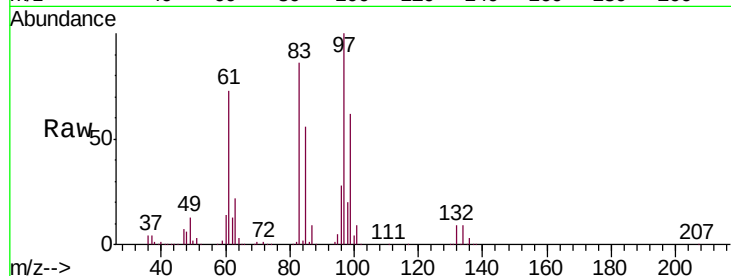




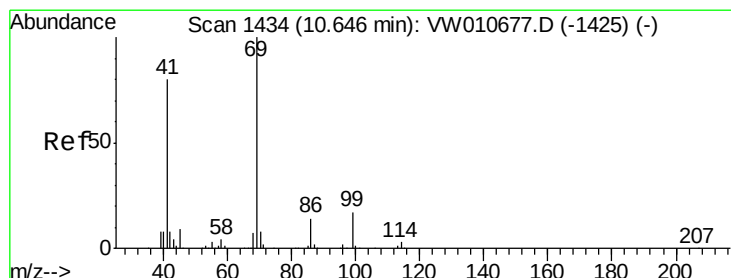
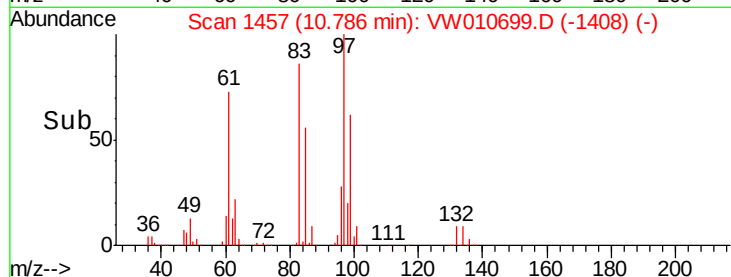
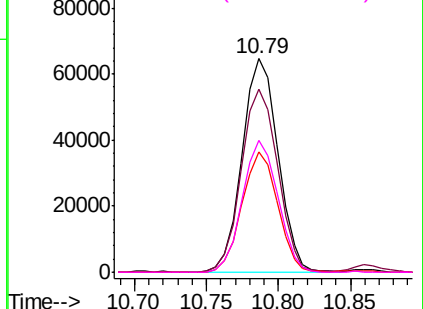
#55
 1,1,2-Trichloroethane
 Concen: 54.003 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 111776
 Ion Ratio Lower Upper
 97 100
 83 85.6 71.1 106.7
 85 56.1 45.2 67.8
 99 61.7 50.0 75.0

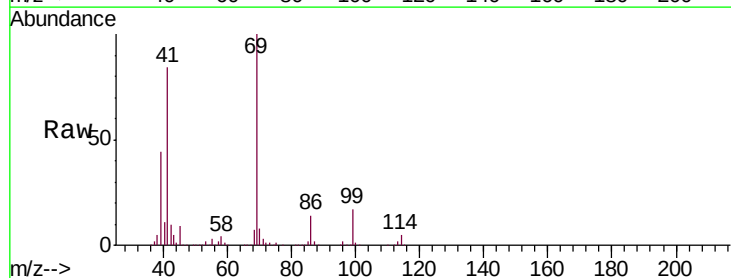


Abundance Ion 96.90 (96.60 to 97.60): VW
 100000 Ion 82.90 (82.60 to 83.60): VW
 80000 Ion 84.90 (84.60 to 85.60): VW
 60000 Ion 98.90 (98.60 to 99.60): VW

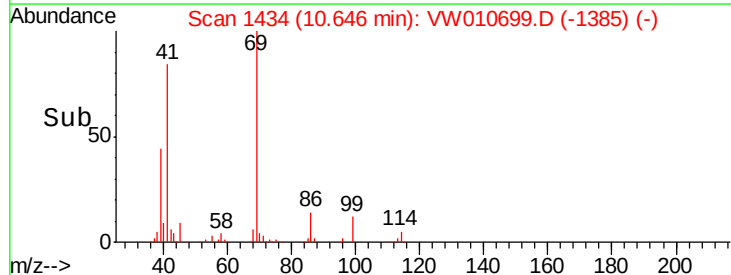
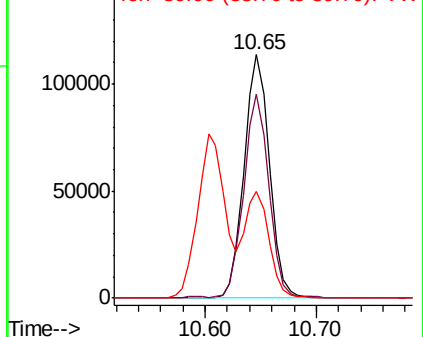


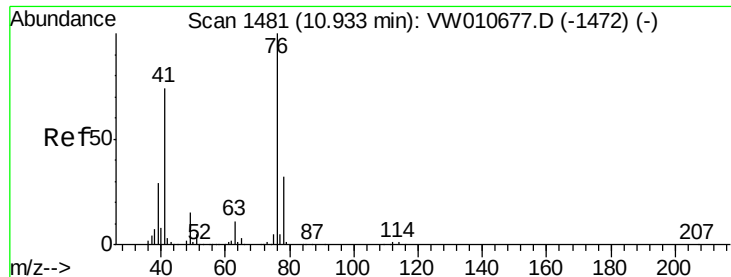
#56
 Ethyl methacrylate
 Concen: 56.469 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 69 Resp: 179851
 Ion Ratio Lower Upper
 69 100
 41 82.1 64.8 97.2
 39 41.7 32.2 48.2



Abundance Ion 69.00 (68.70 to 69.70): VW
 150000 Ion 41.00 (40.70 to 41.70): VW
 100000 Ion 39.00 (38.70 to 39.70): VW

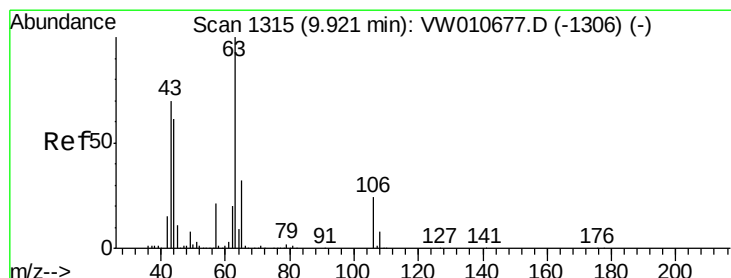
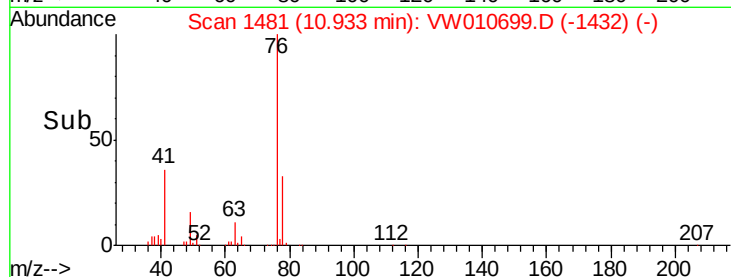
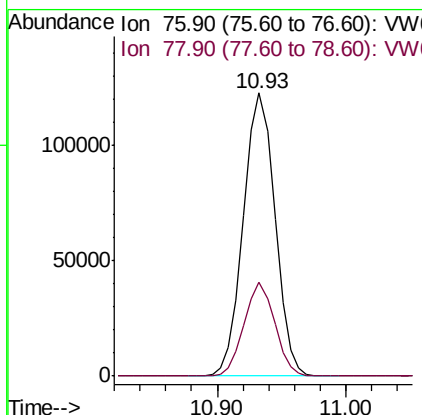
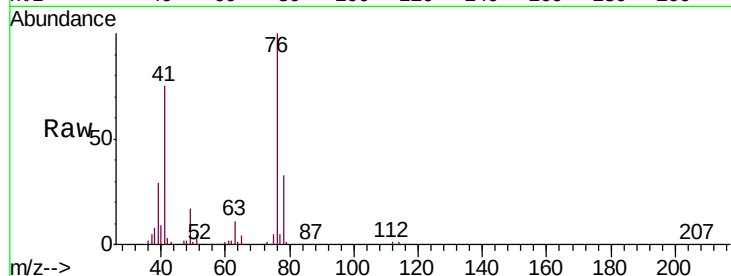




#57
 1,3-Dichloropropane
 Concen: 53.401 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

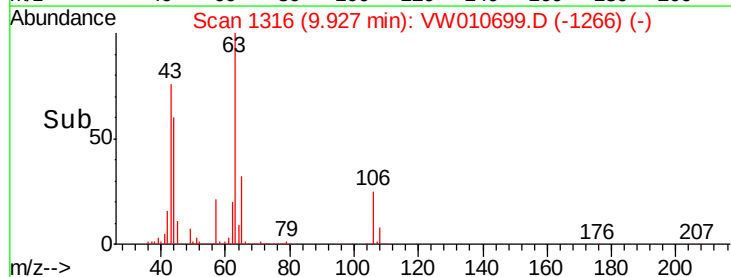
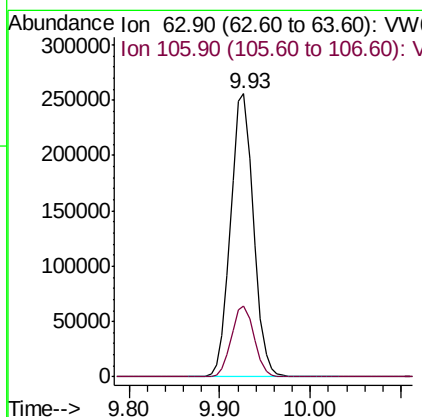
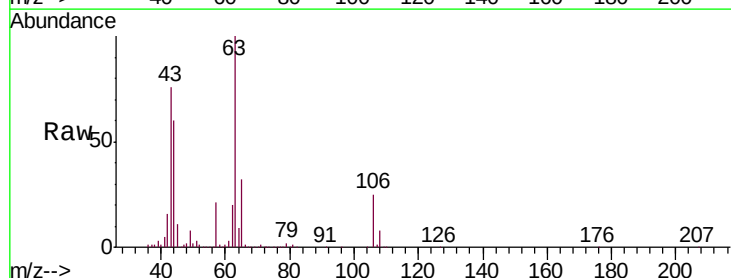
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

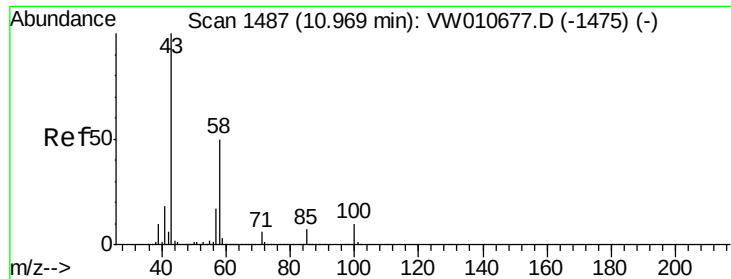
Tgt Ion: 76 Resp: 208301
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.018 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 63 Resp: 448774
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.1 30.1





#59

2-Hexanone

Concen: 294.397 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

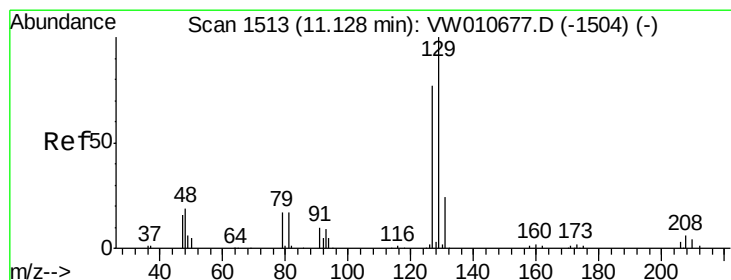
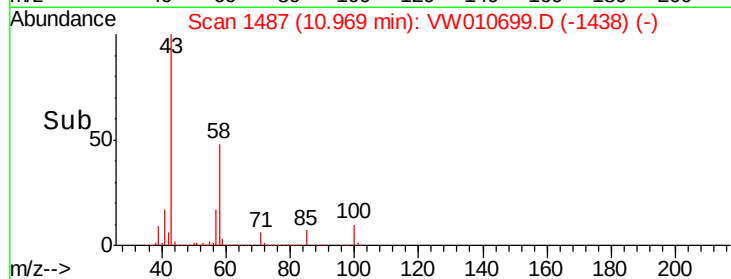
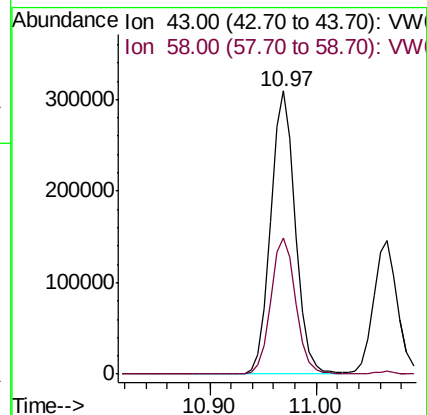
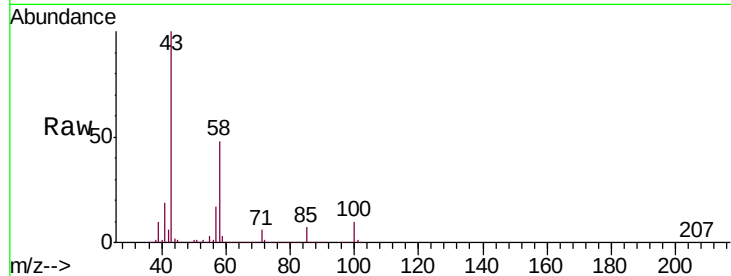
VSTDCCC050EC

Tgt Ion: 43 Resp: 498461

Ion Ratio Lower Upper

43 100

58 48.9 24.9 74.6



#60

Dibromochloromethane

Concen: 54.871 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010699.D

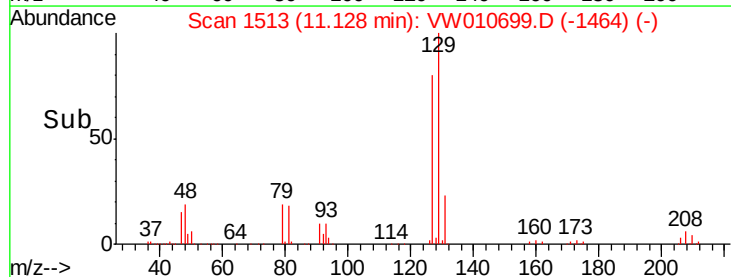
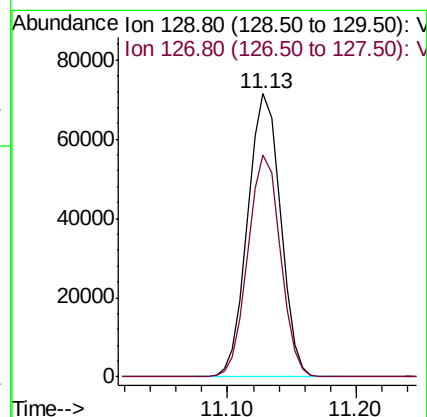
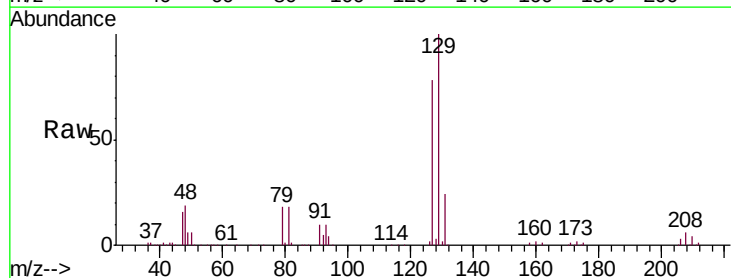
Acq: 05 Jun 2019 18:22

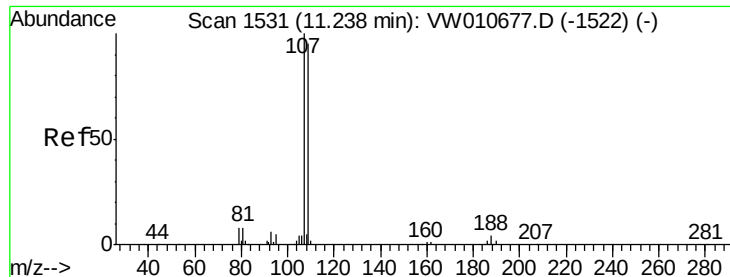
Tgt Ion: 129 Resp: 125901

Ion Ratio Lower Upper

129 100

127 77.7 38.6 116.0

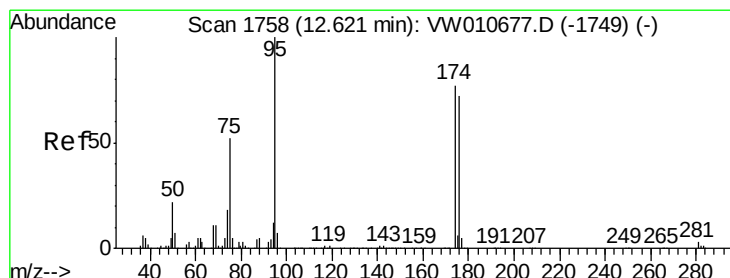
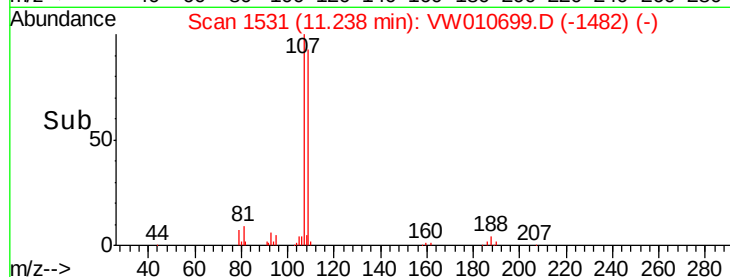
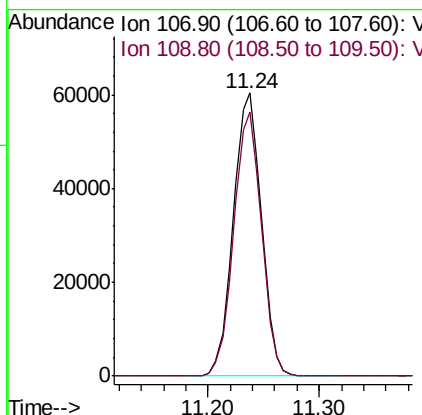
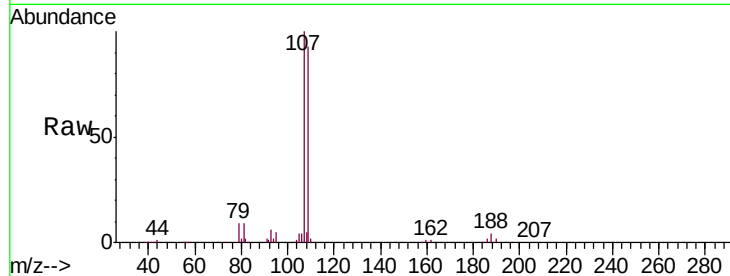




#61
 1,2-Dibromoethane
 Concen: 53.684 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

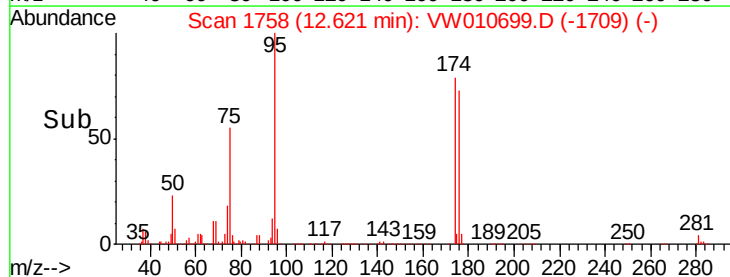
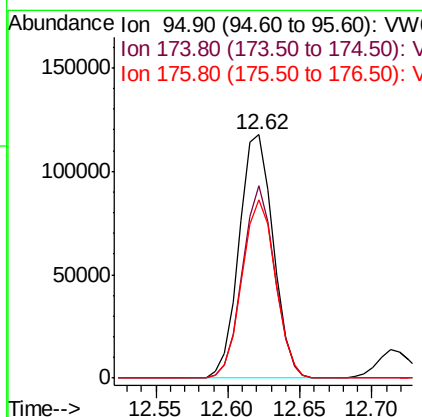
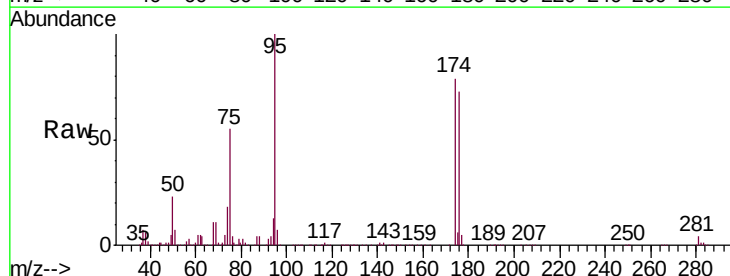
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

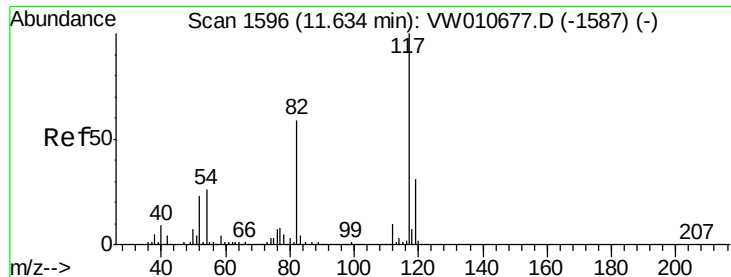
Tgt Ion: 107 Resp: 105279
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 53.428 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 95 Resp: 193643
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 150.4
 176 71.8 0.0 144.8

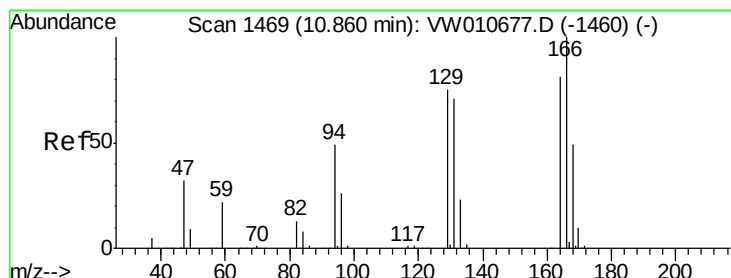
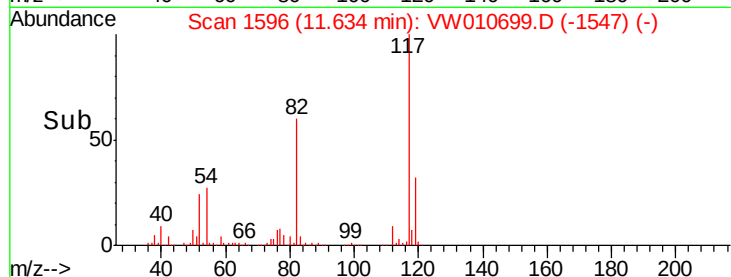
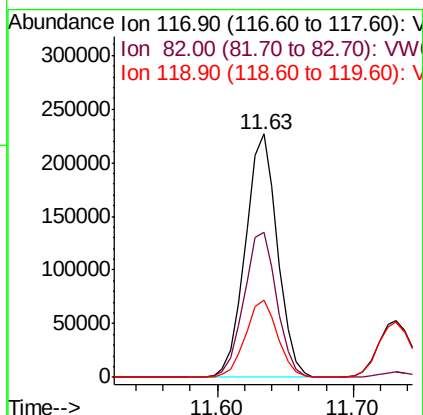
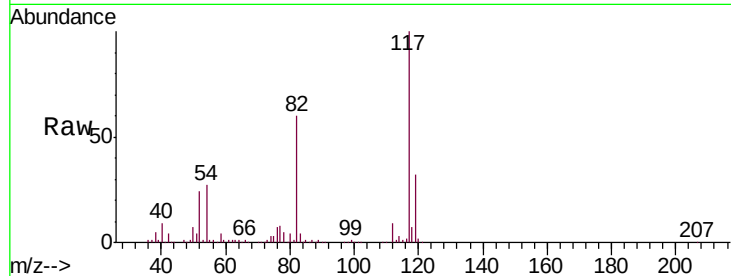




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

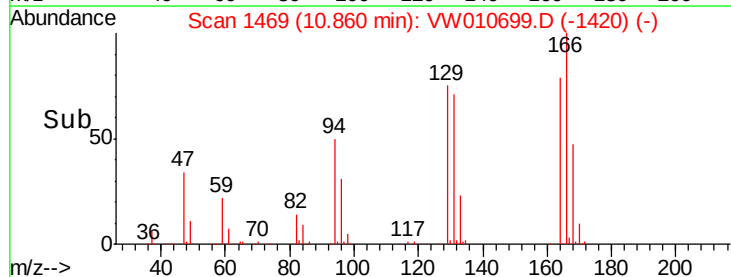
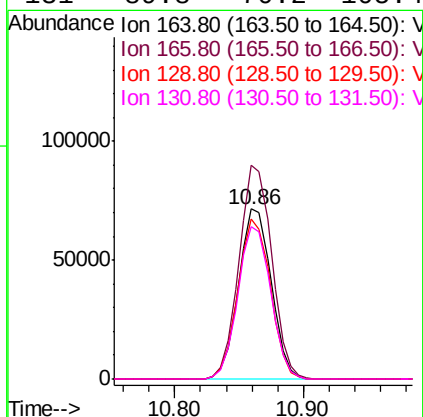
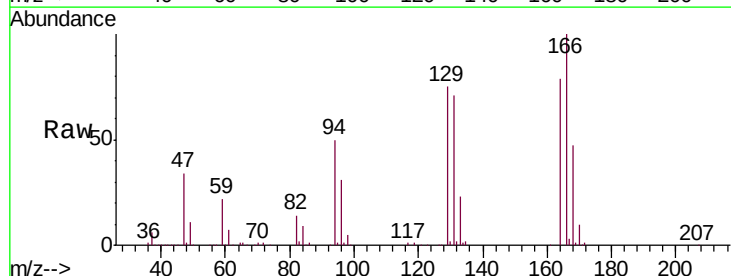
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

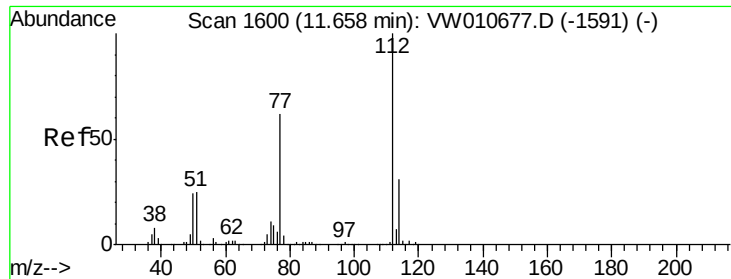
Tgt Ion:117 Resp: 374011
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.4
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 50.437 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion:164 Resp: 125248
Ion Ratio Lower Upper
164 100
166 125.8 99.2 148.8
129 94.1 74.6 112.0
131 89.8 70.2 105.4

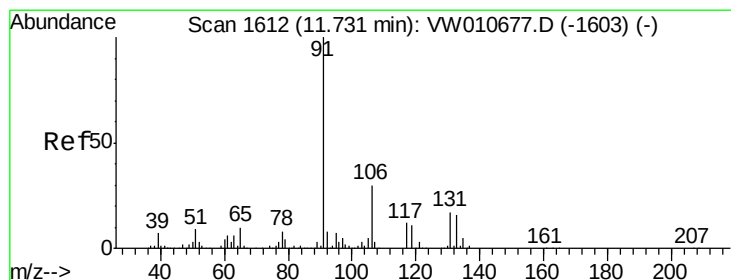
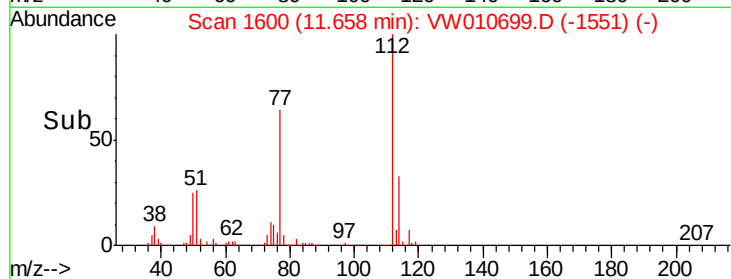
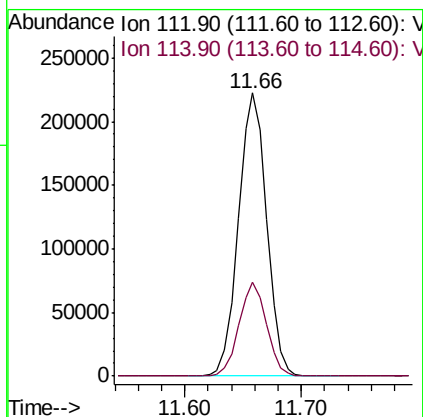
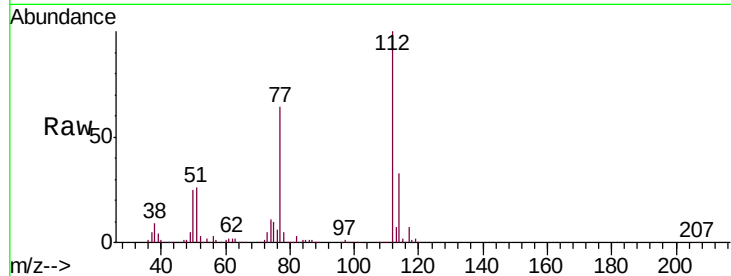




#65
Chlorobenzene
Concen: 51.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

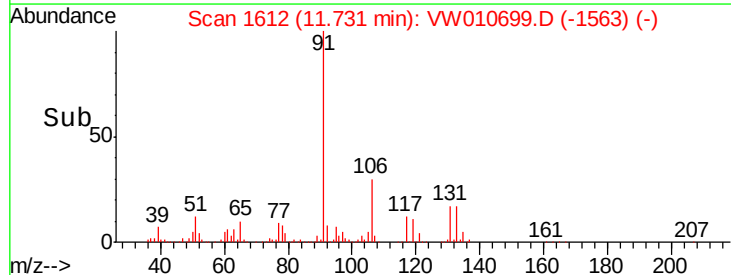
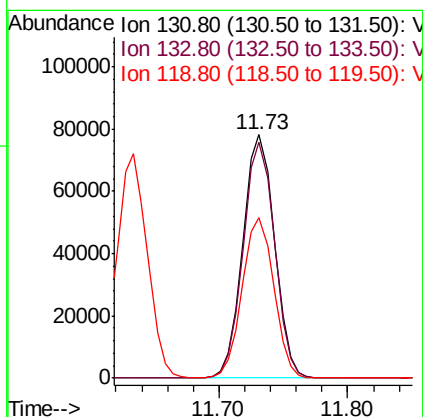
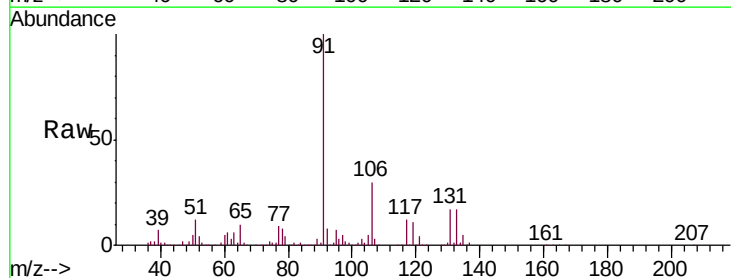
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

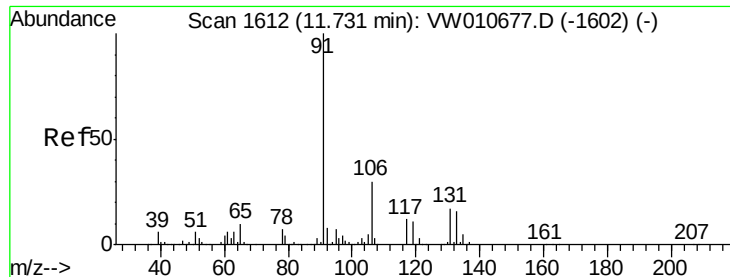
Tgt Ion:112 Resp: 375141
Ion Ratio Lower Upper
112 100
114 33.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.122 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion:131 Resp: 132703
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 66.1 32.4 97.0





#67

Ethyl Benzene

Concen: 51.140 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

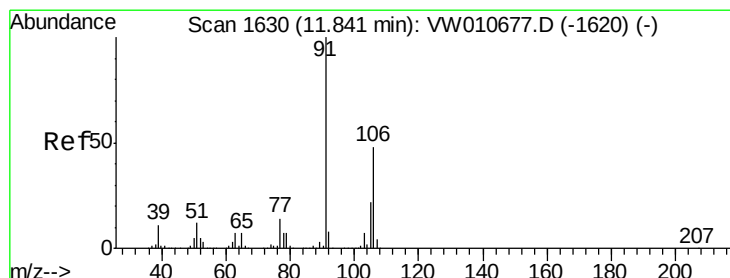
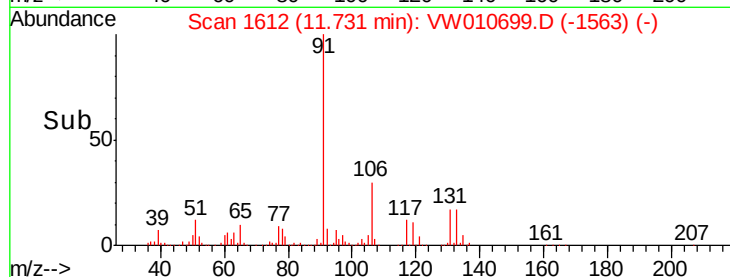
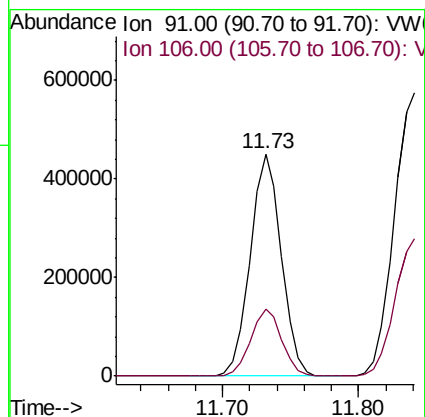
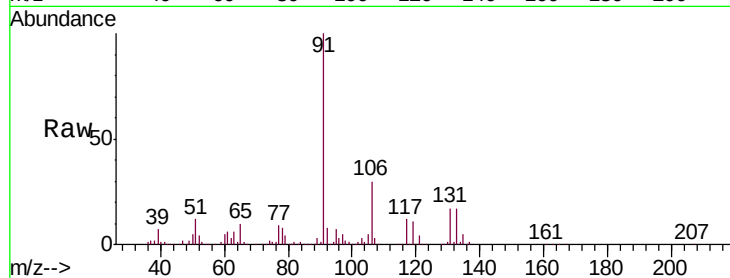
VSTDCCC050EC

Tgt Ion: 91 Resp: 722871

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 103.526 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010699.D

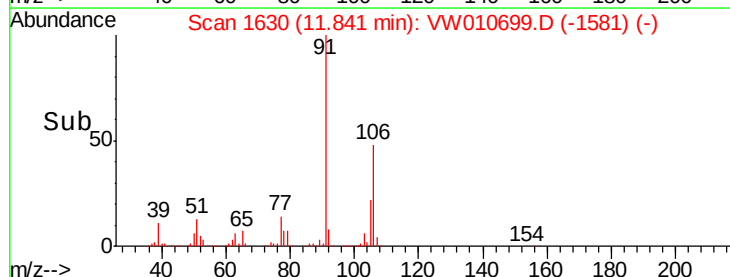
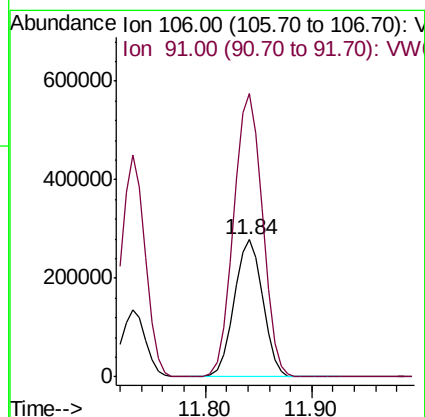
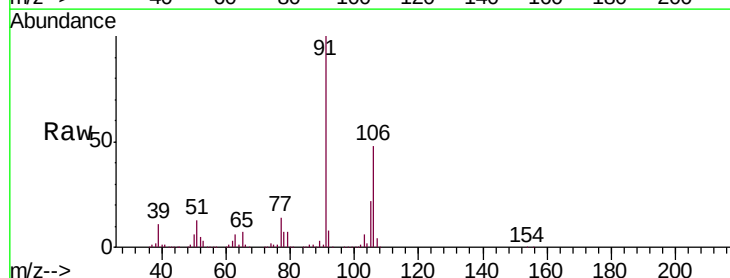
Acq: 05 Jun 2019 18:22

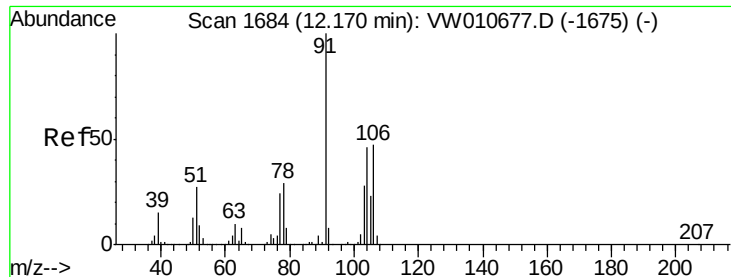
Tgt Ion: 106 Resp: 523837

Ion Ratio Lower Upper

106 100

91 208.8 166.5 249.7

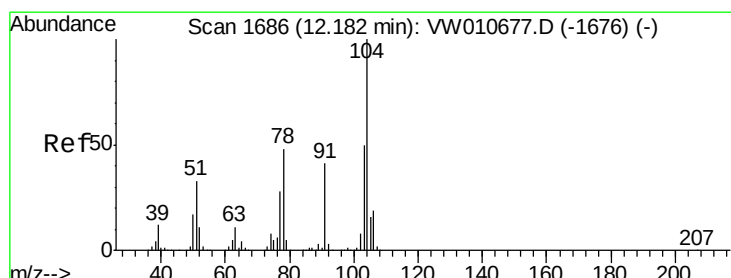
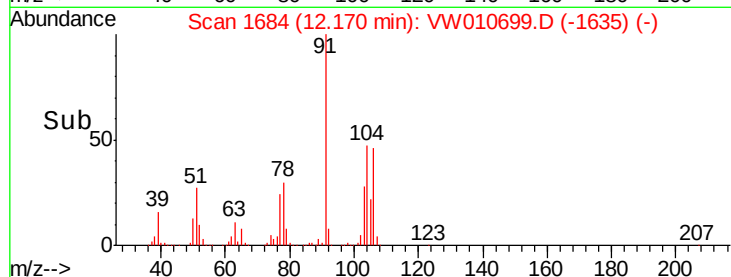
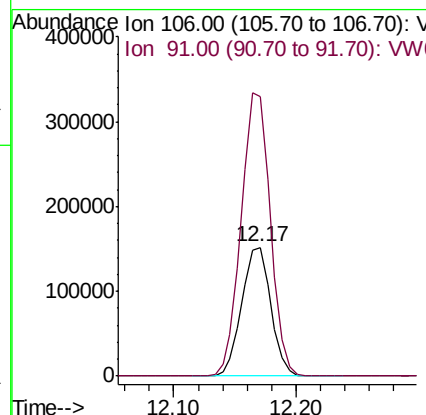
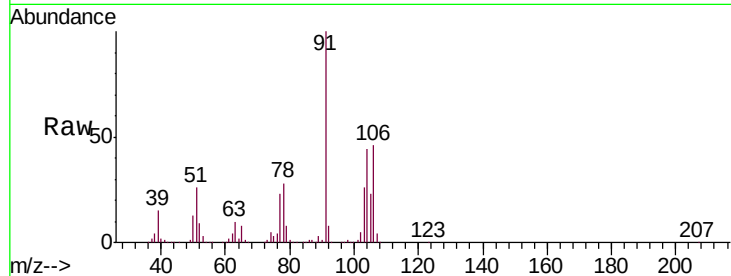




#69
o-Xylene
Concen: 52.034 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

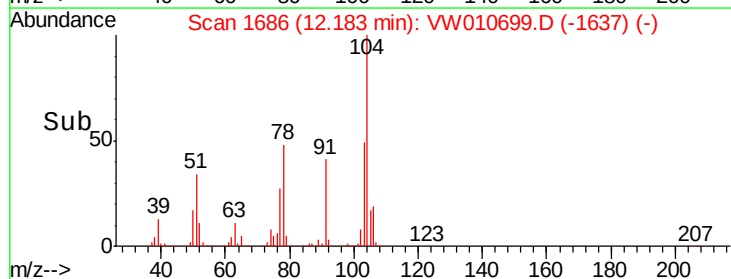
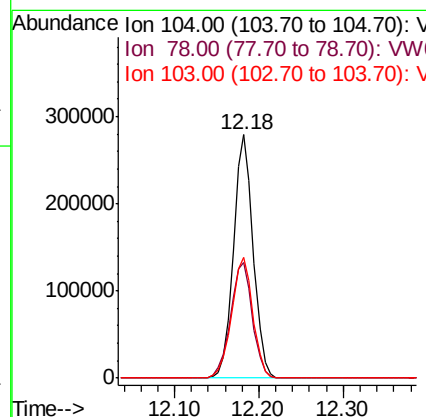
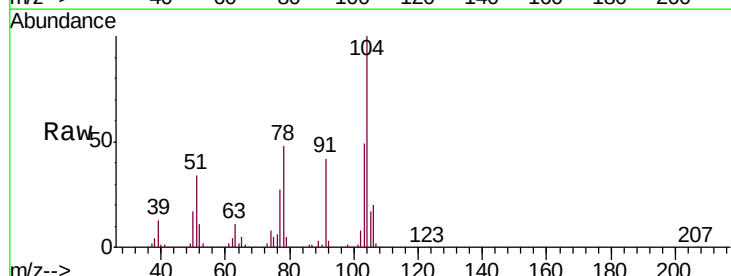
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

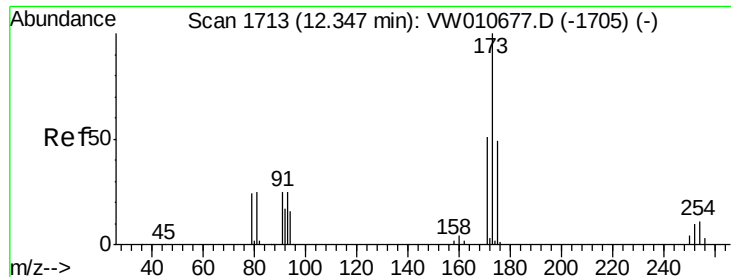
Tgt Ion:106 Resp: 249710
Ion Ratio Lower Upper
106 100
91 220.4 108.9 326.6



#70
Styrene
Concen: 53.021 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion:104 Resp: 442005
Ion Ratio Lower Upper
104 100
78 53.2 42.7 64.1
103 53.9 43.6 65.4





#71

Bromoform

Concen: 55.610 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

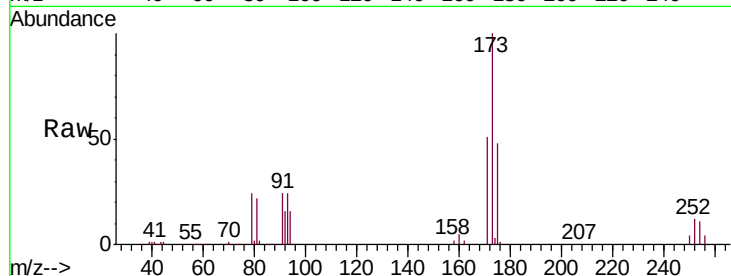
Tgt Ion:173 Resp: 73224

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

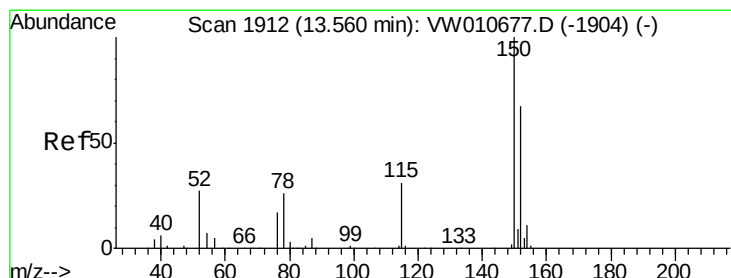
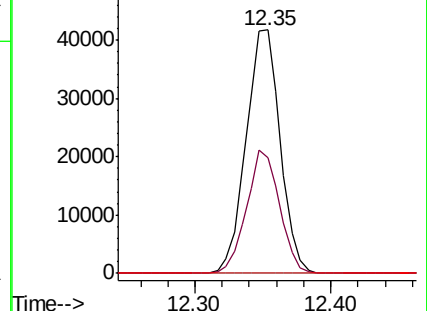
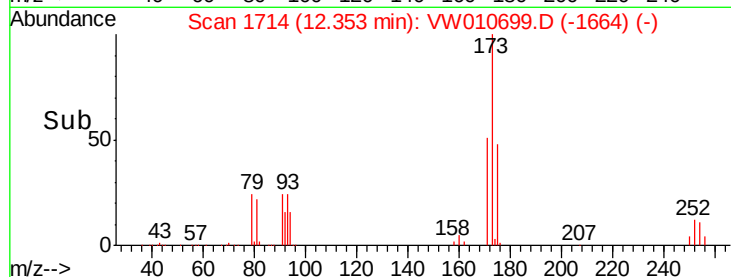
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

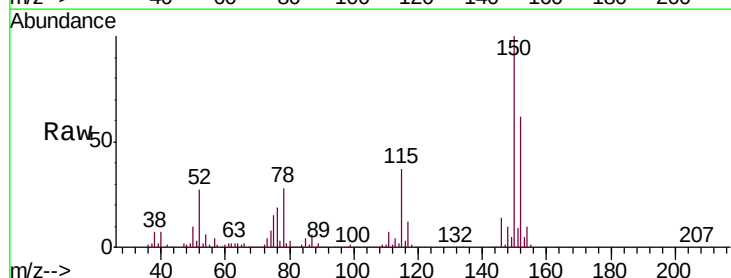
Tgt Ion:152 Resp: 182499

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.3

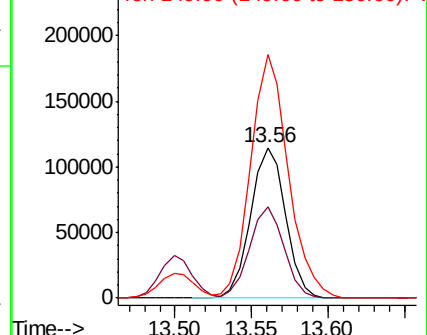
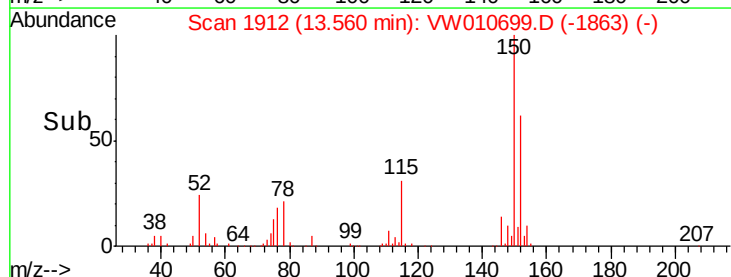
150 174.2 0.0 345.0

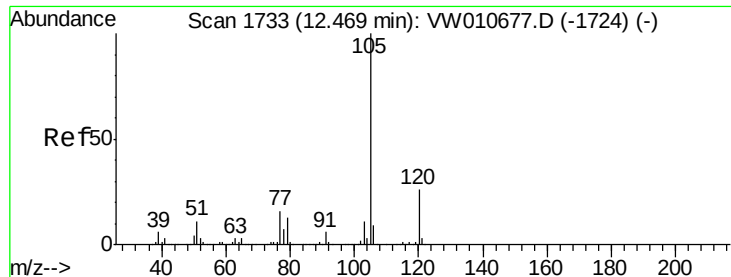


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.537 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

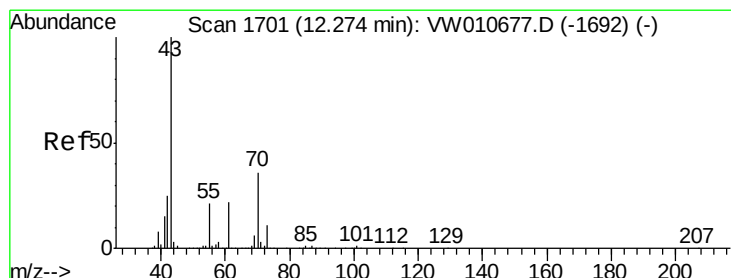
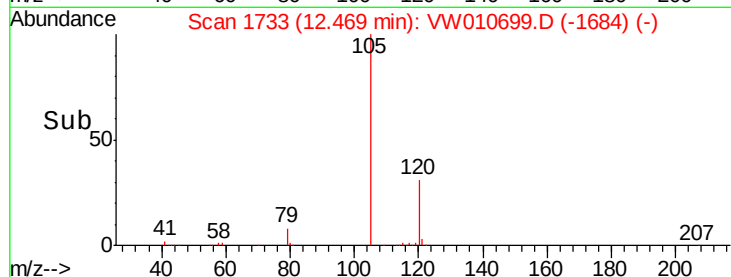
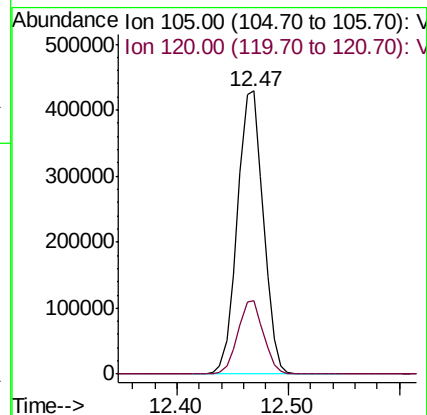
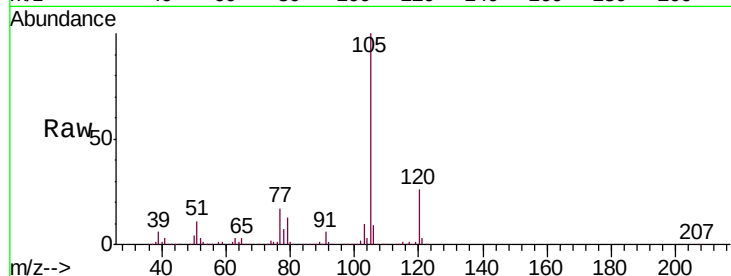
VSTDCCC050EC

Tgt Ion:105 Resp: 693075

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 56.592 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Tgt Ion: 43 Resp: 250829

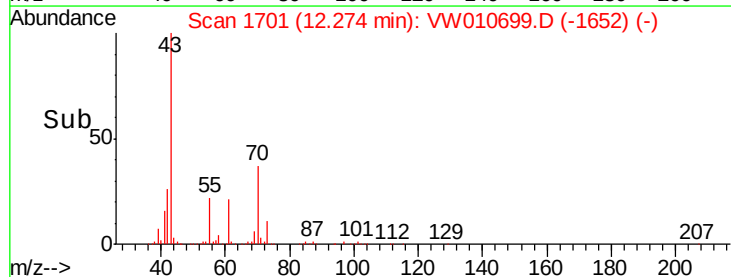
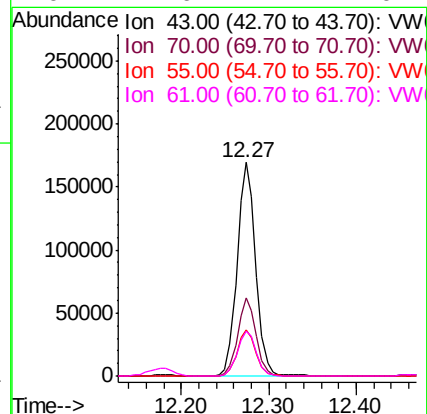
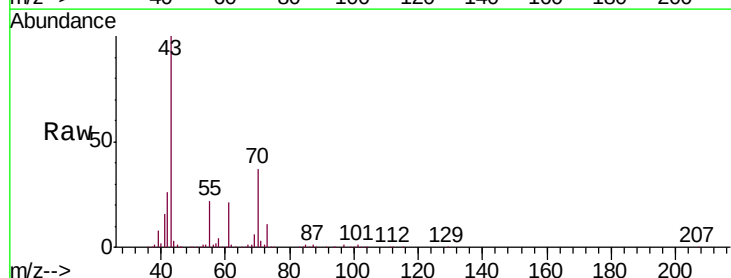
Ion Ratio Lower Upper

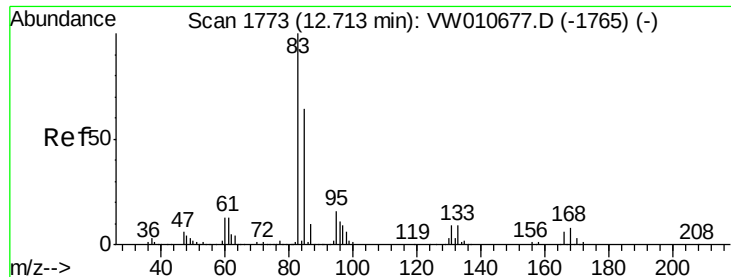
43 100

70 36.1 29.2 43.8

55 22.0 17.5 26.3

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.754 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

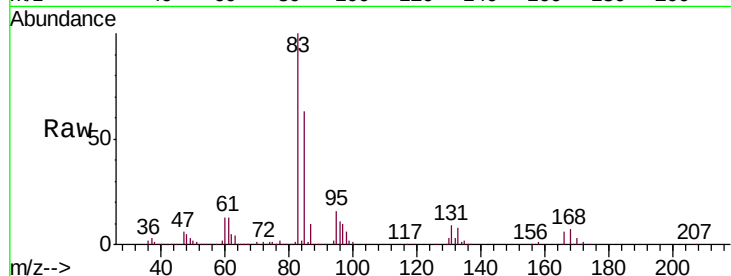
Tgt Ion: 83 Resp: 140340

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

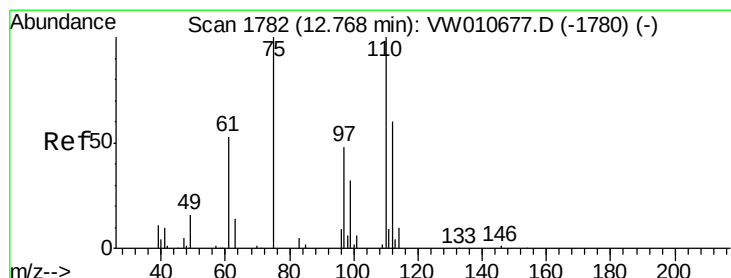
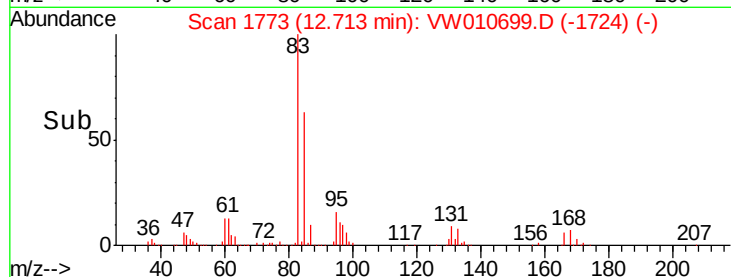
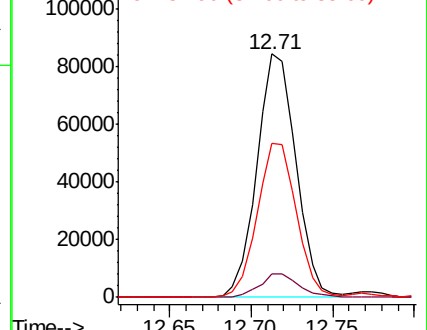
85 63.5 31.9 95.9



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: 97.633 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010699.D

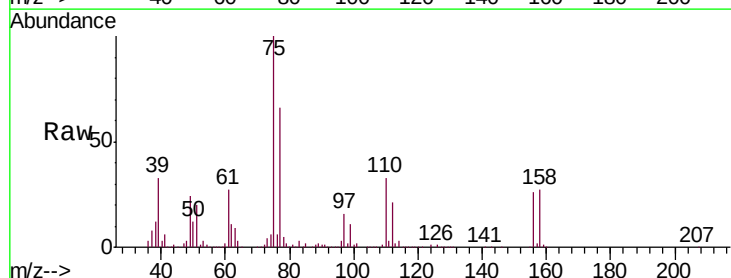
Acq: 05 Jun 2019 18:22

Tgt Ion: 75 Resp: 187113

Ion Ratio Lower Upper

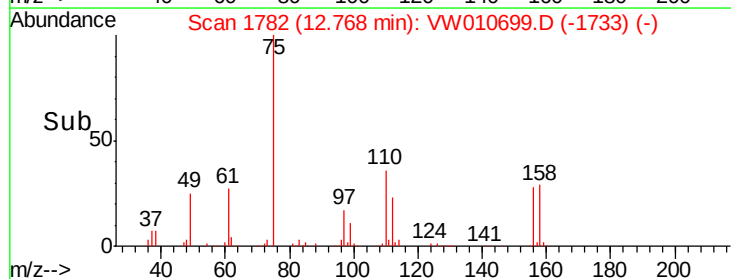
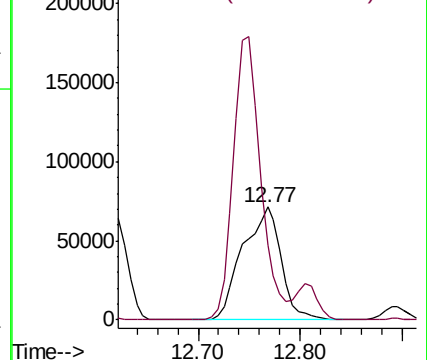
75 100

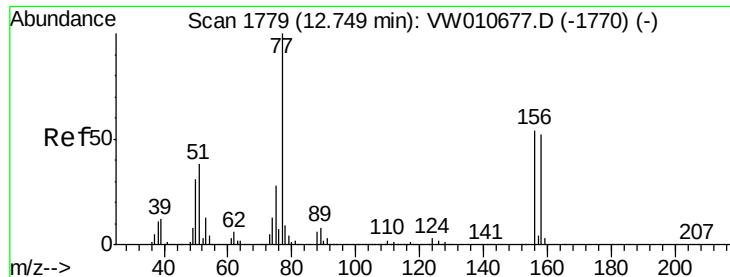
77 177.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.065 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

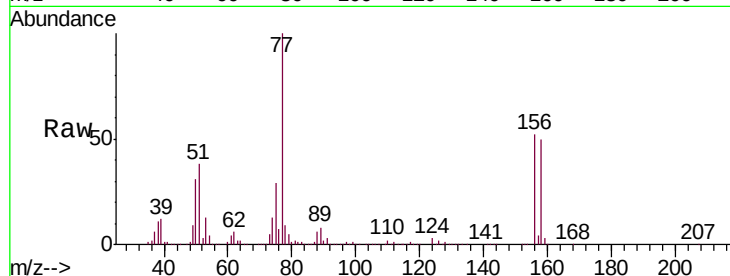
Tgt Ion:156 Resp: 152866

Ion Ratio Lower Upper

156 100

77 216.9 106.5 319.4

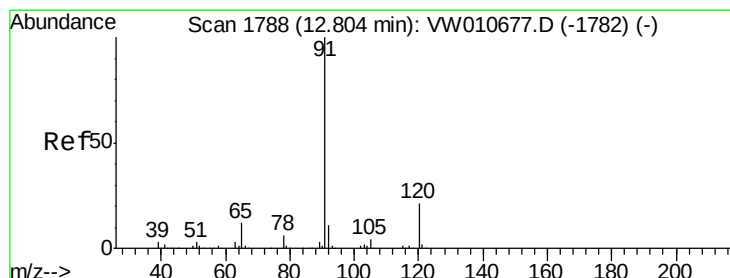
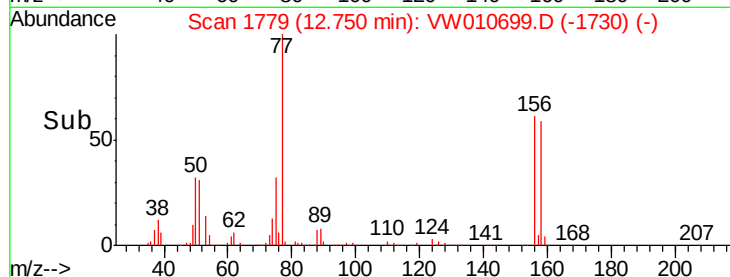
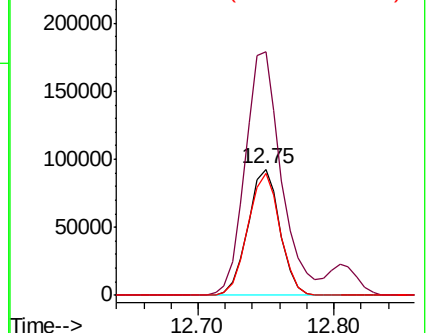
158 96.9 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.817 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010699.D

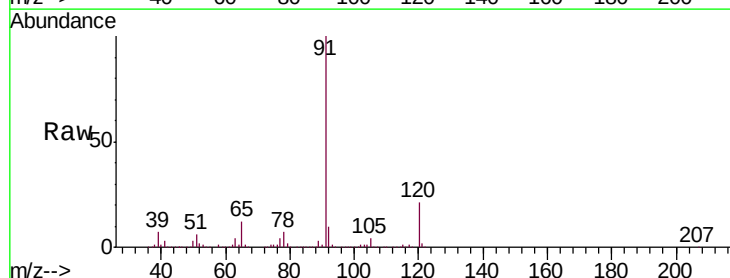
Acq: 05 Jun 2019 18:22

Tgt Ion: 91 Resp: 840345

Ion Ratio Lower Upper

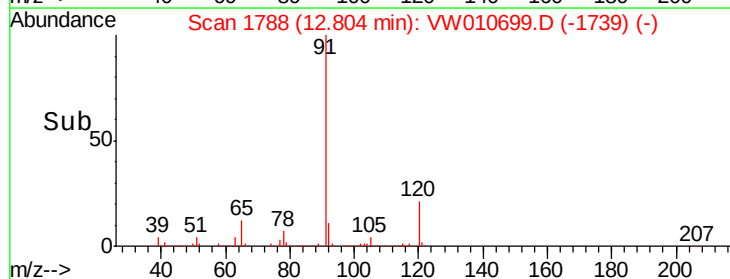
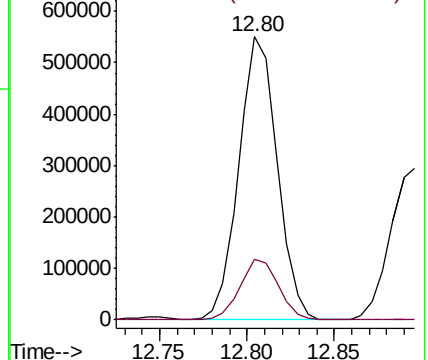
91 100

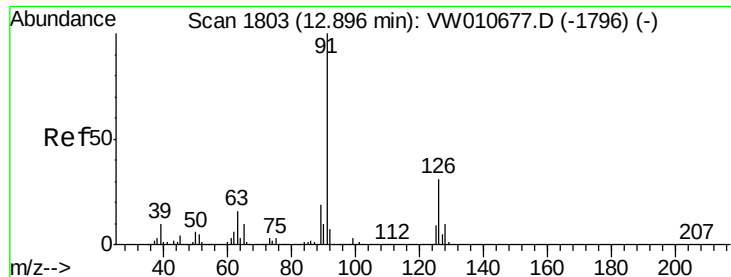
120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.963 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

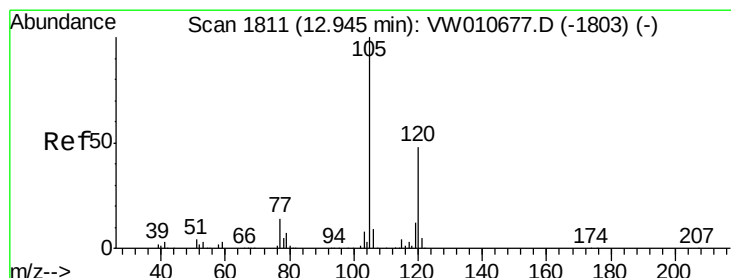
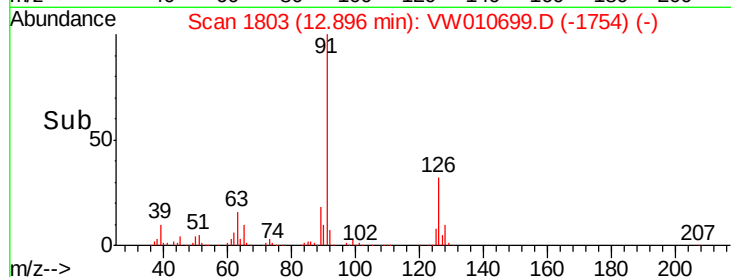
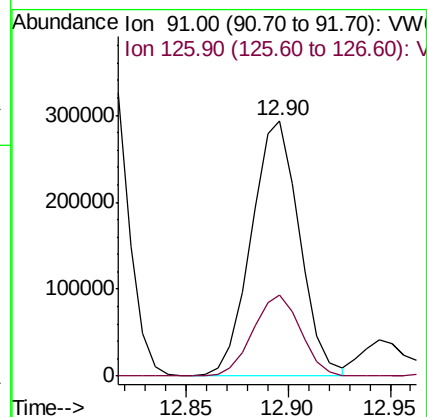
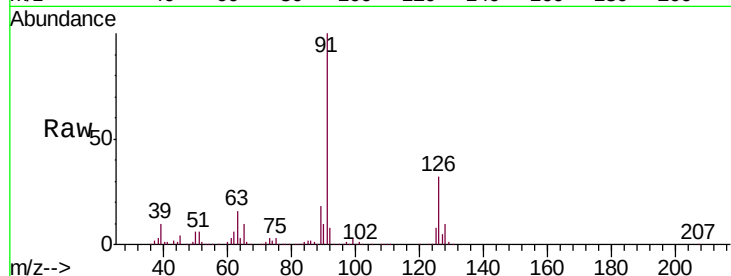
VSTDCCC050EC

Tgt Ion: 91 Resp: 481478

Ion Ratio Lower Upper

91 100

126 31.6 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 51.628 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010699.D

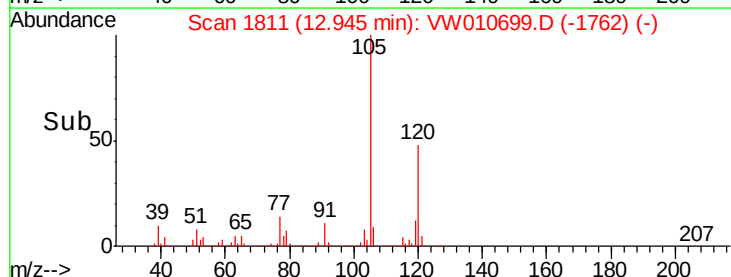
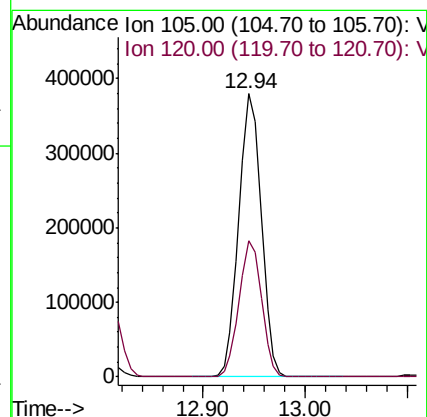
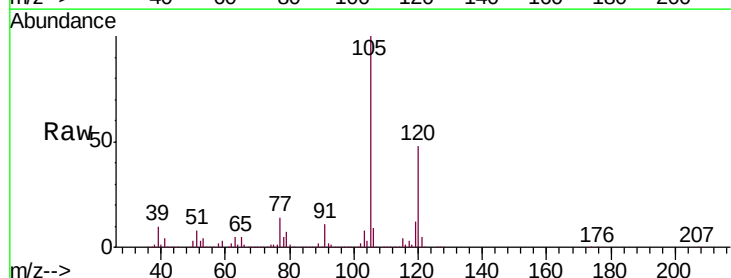
Acq: 05 Jun 2019 18:22

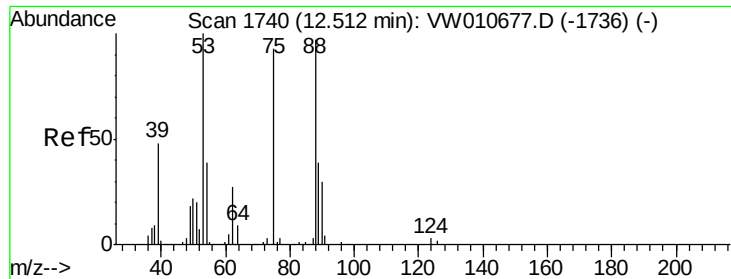
Tgt Ion: 105 Resp: 579540

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.279 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

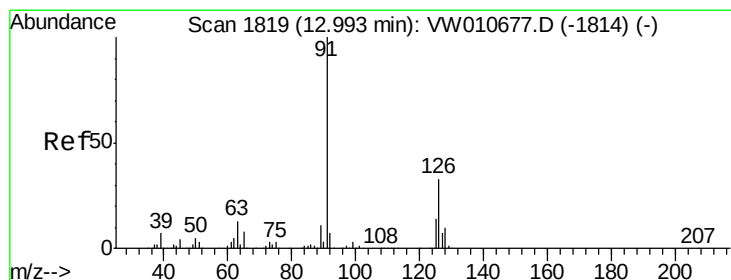
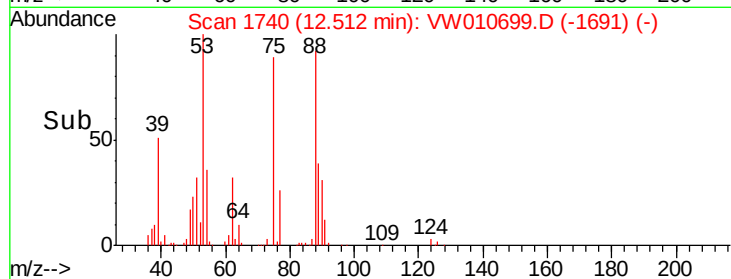
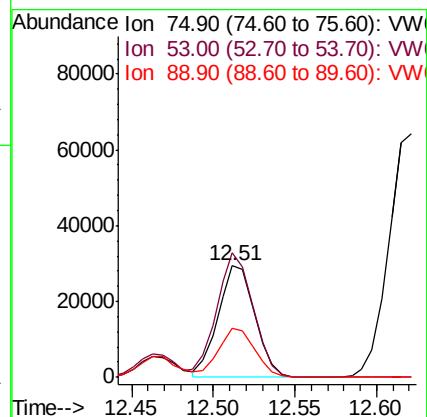
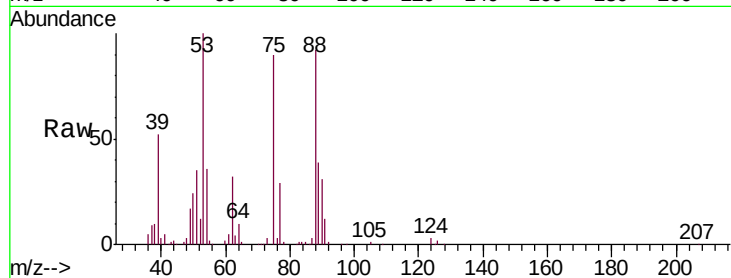
Tgt Ion: 75 Resp: 46095

Ion Ratio Lower Upper

75 100

53 113.0 90.1 135.1

89 43.8 34.6 52.0



#82

4-Chlorotoluene

Concen: 51.275 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW010699.D

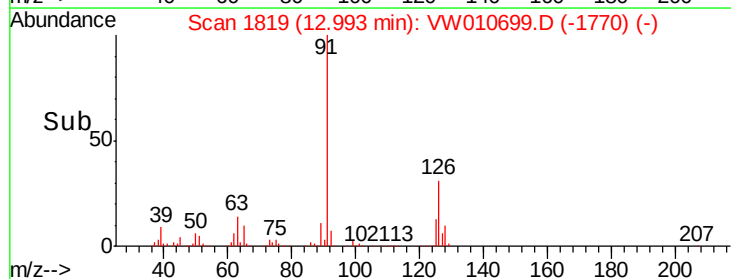
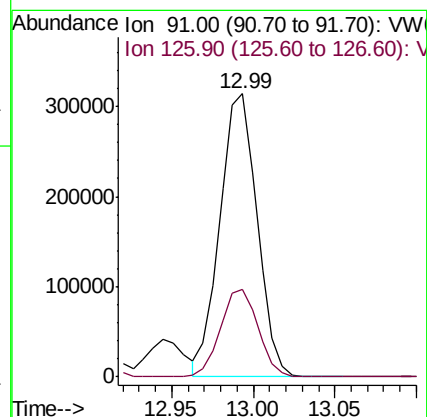
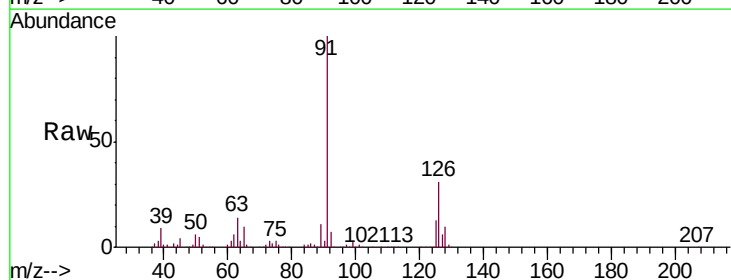
Acq: 05 Jun 2019 18:22

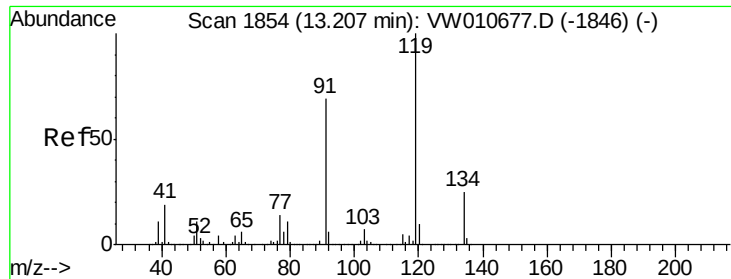
Tgt Ion: 91 Resp: 499910

Ion Ratio Lower Upper

91 100

126 31.3 15.9 47.7

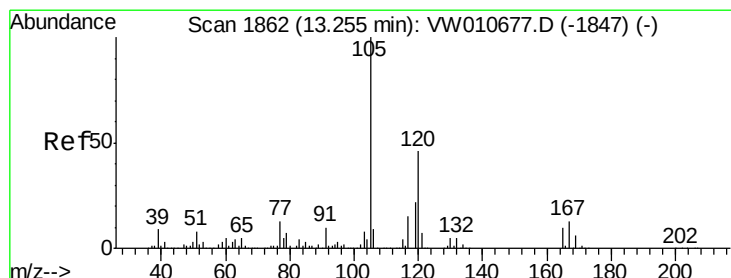
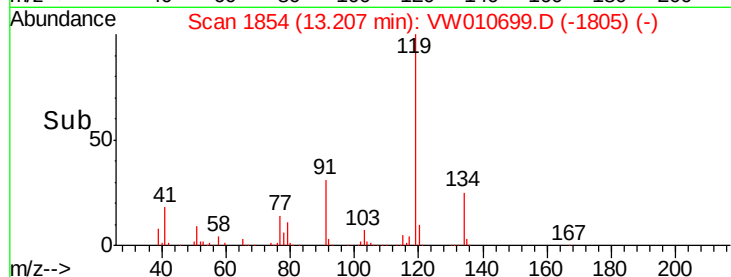
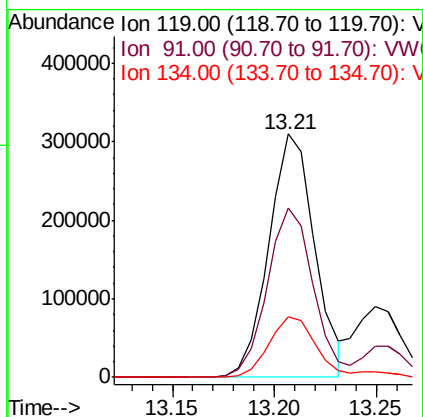
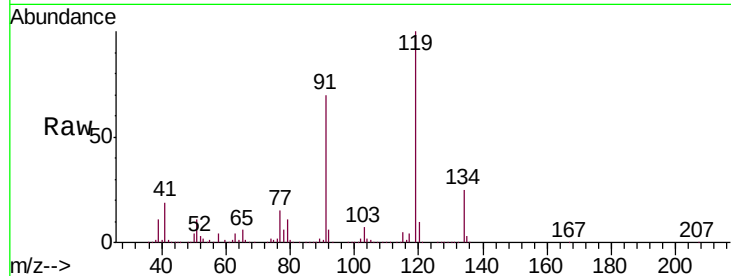




#83
 tert-Butylbenzene
 Concen: 51.016 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

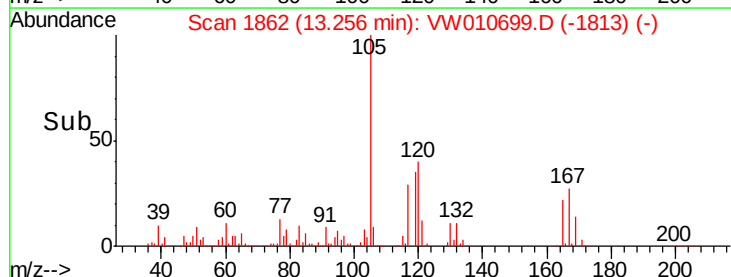
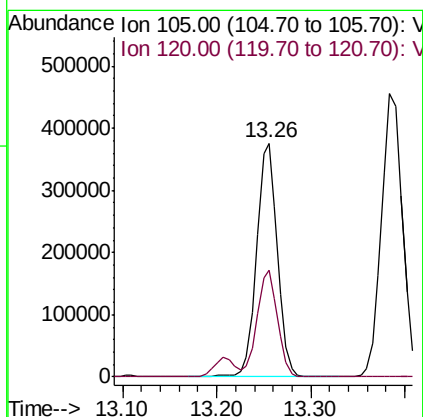
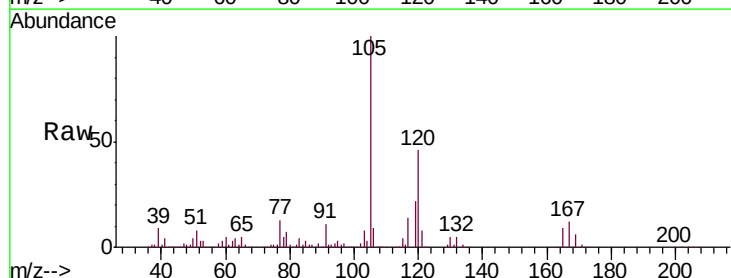
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

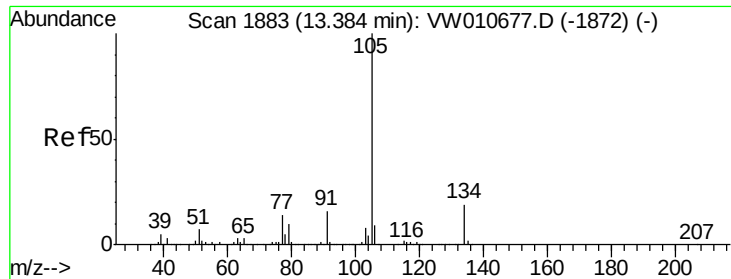
Tgt Ion:119 Resp: 486014
 Ion Ratio Lower Upper
 119 100
 91 70.3 35.1 105.3
 134 27.0 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.604 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion:105 Resp: 582911
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5

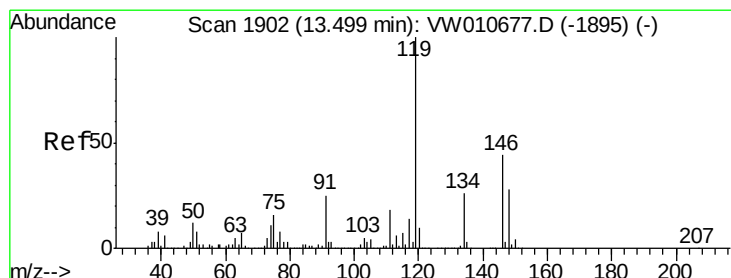
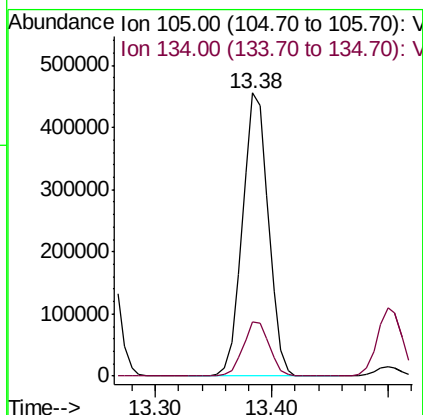
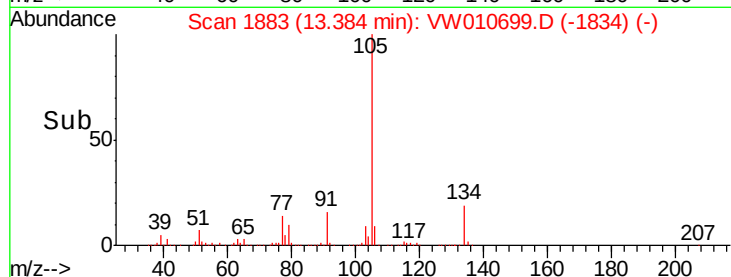
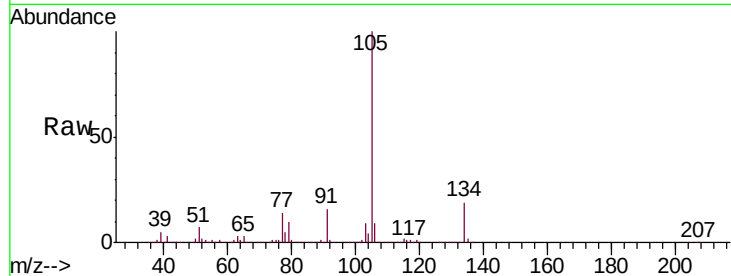




#85
 sec-Butylbenzene
 Concen: 51.048 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

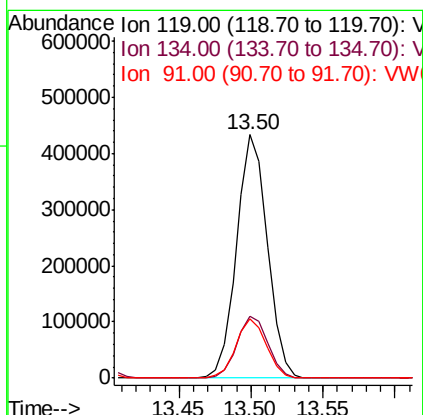
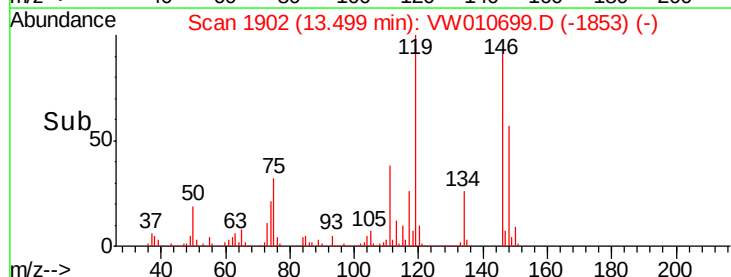
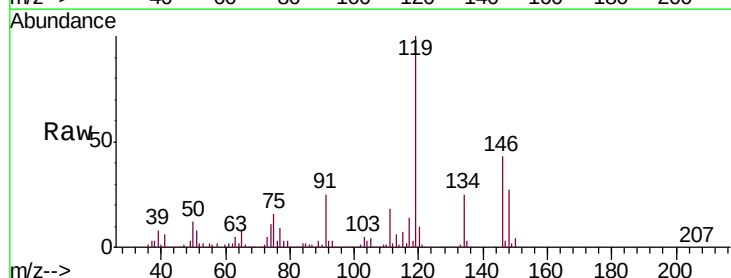
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

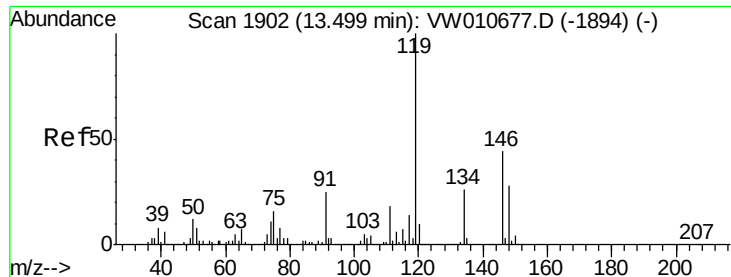
Tgt Ion:105 Resp: 708053
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.700 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion:119 Resp: 641271
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.3 12.2 36.4

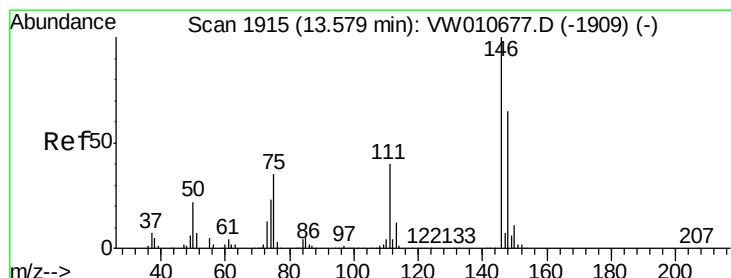
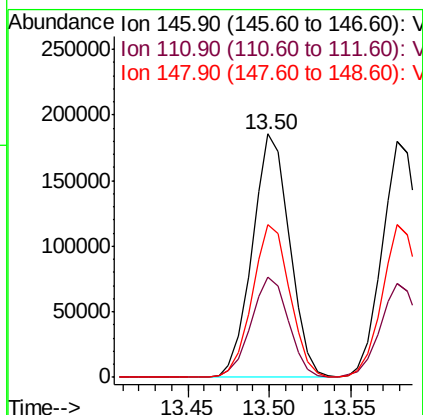
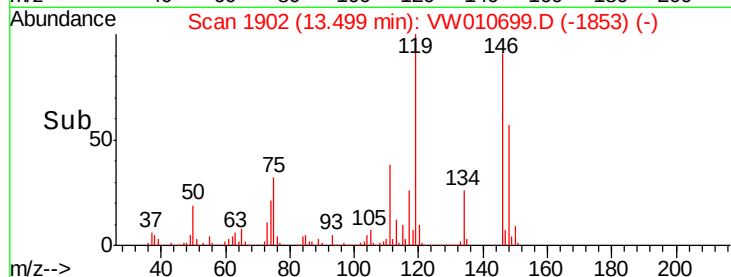
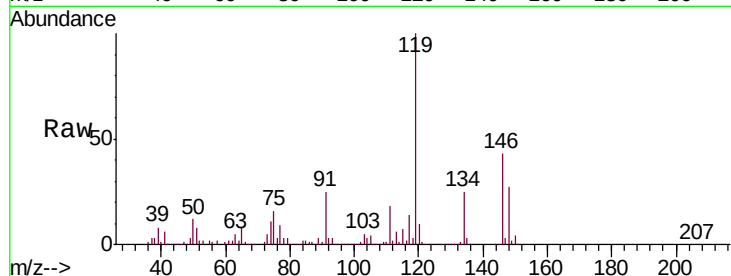




#87
 1,3-Dichlorobenzene
 Concen: 51.175 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

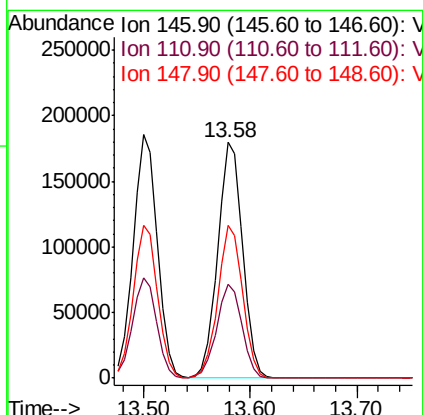
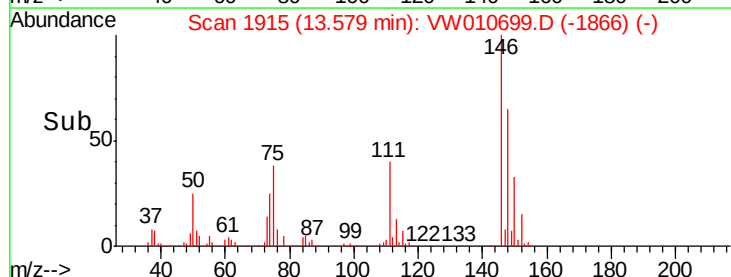
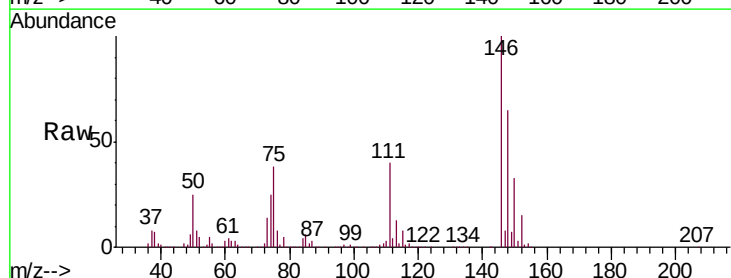
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

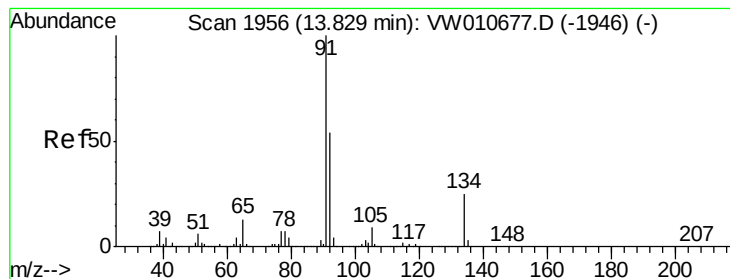
Tgt Ion:146 Resp: 295433
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.3
 148 63.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 50.798 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion:146 Resp: 290728
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 52.144 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010699.D

Acq: 05 Jun 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

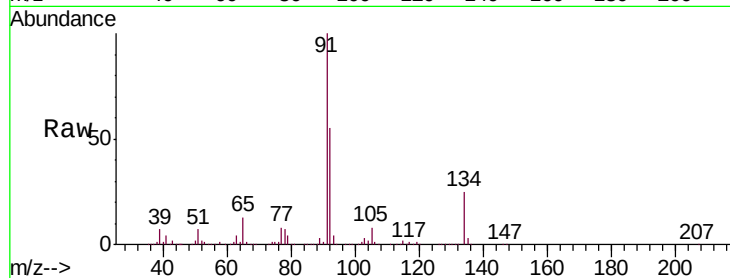
Tgt Ion: 91 Resp: 645318

Ion Ratio Lower Upper

91 100

92 54.9 27.3 81.8

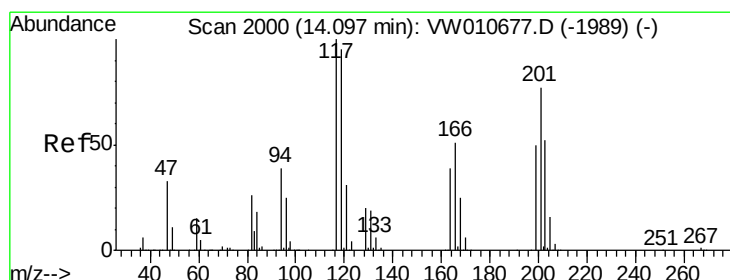
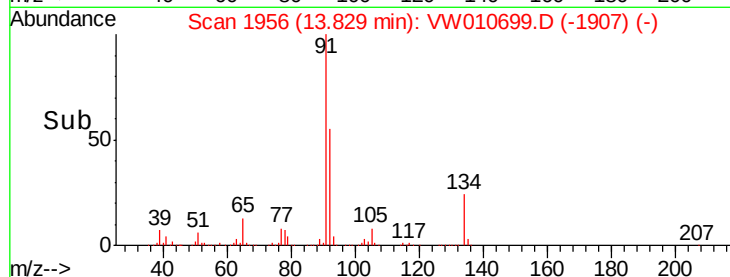
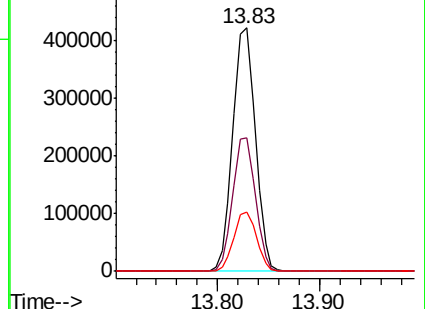
134 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.816 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010699.D

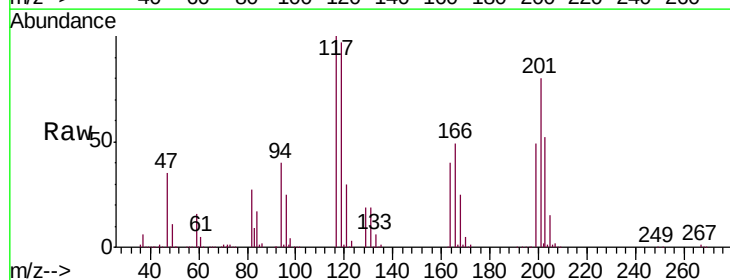
Acq: 05 Jun 2019 18:22

Tgt Ion: 117 Resp: 115099

Ion Ratio Lower Upper

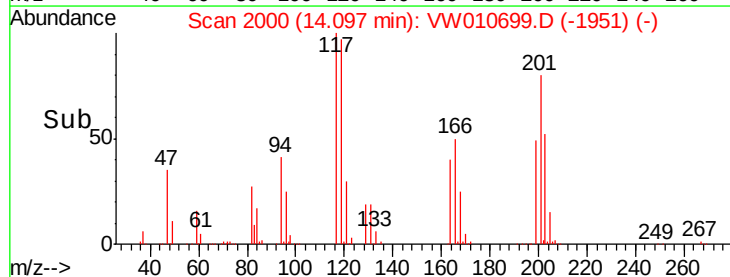
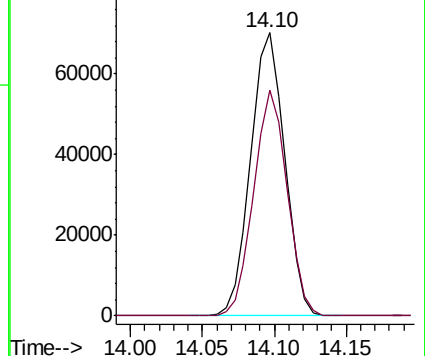
117 100

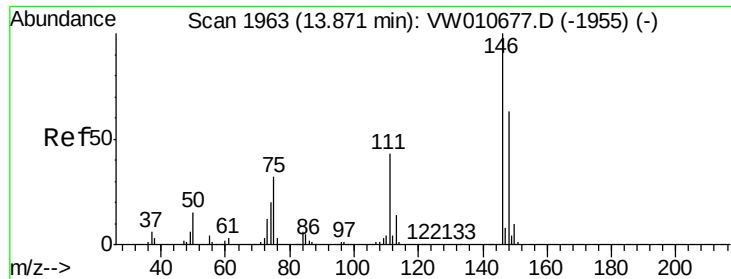
201 78.2 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

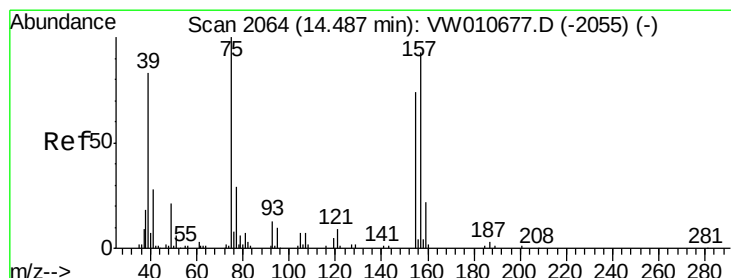
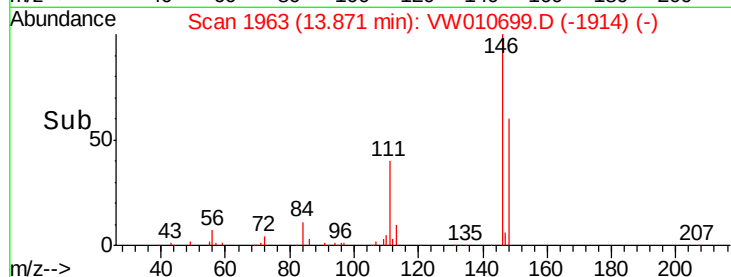
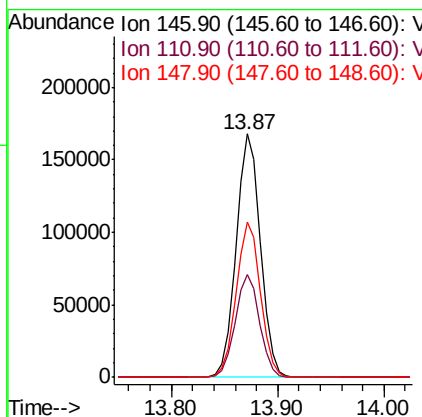
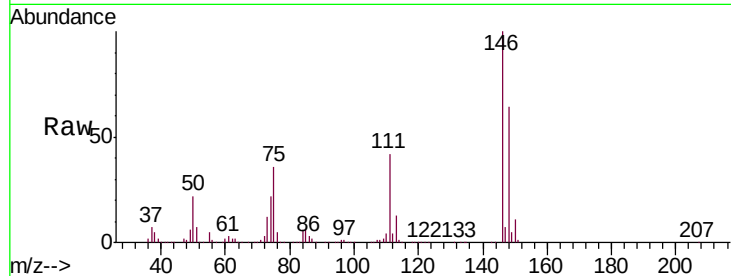




#91
 1,2-Dichlorobenzene
 Concen: 51.680 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

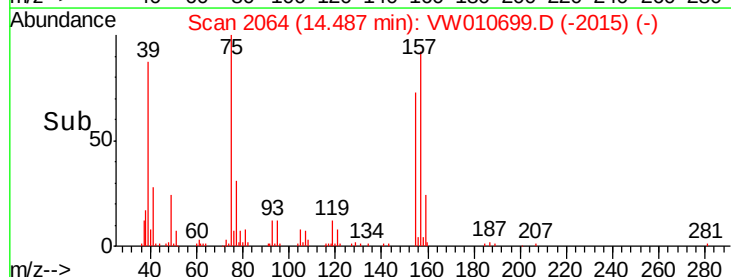
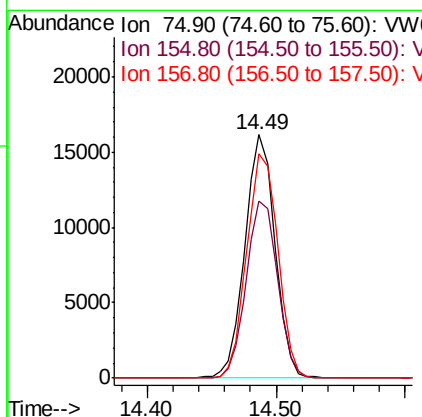
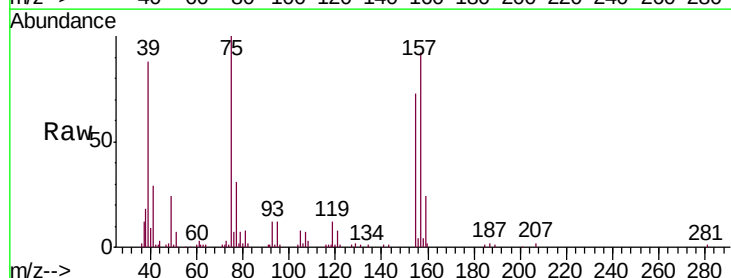
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

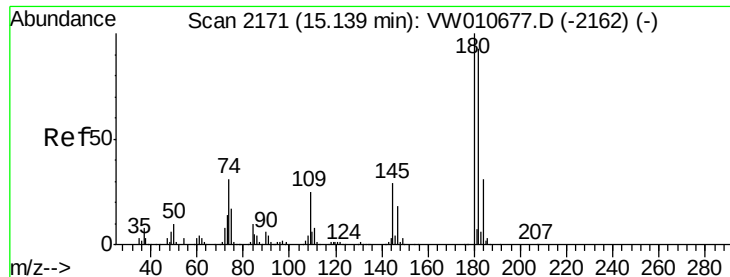
Tgt Ion: 146 Resp: 268304
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.5 64.5
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.995 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion: 75 Resp: 26001
 Ion Ratio Lower Upper
 75 100
 155 75.5 38.8 116.4
 157 95.6 48.4 145.0

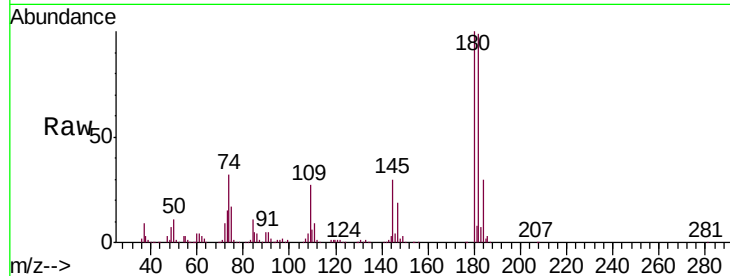




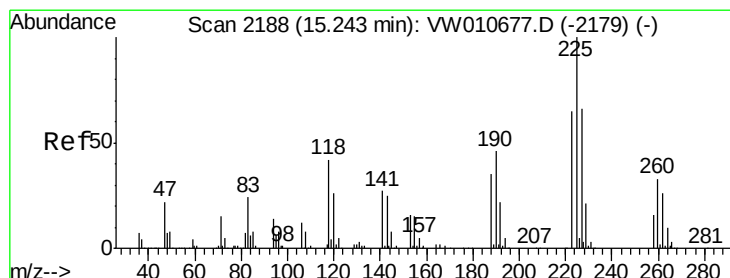
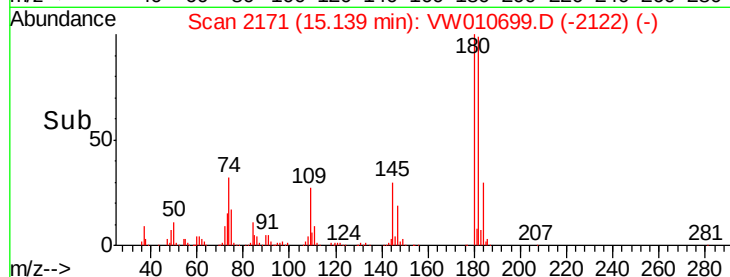
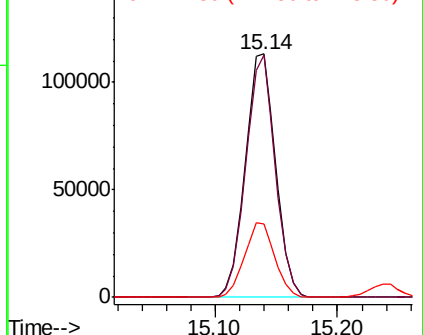
#93
 1,2,4-Trichlorobenzene
 Concen: 53.555 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 195113
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.1 141.4
 145 30.5 15.2 45.5

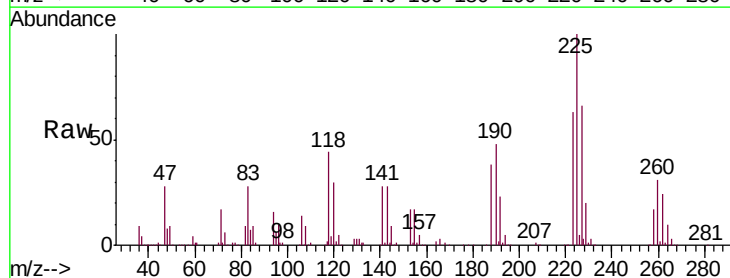


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

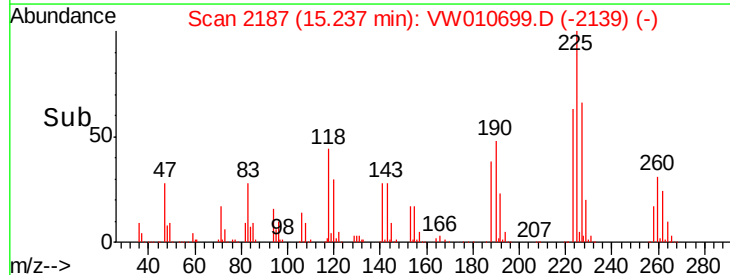
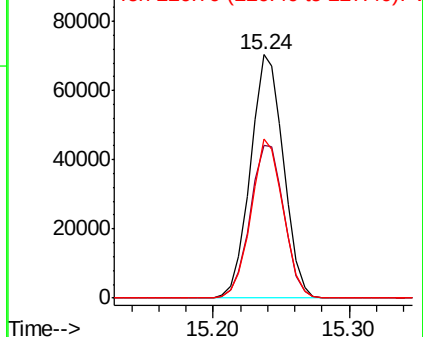


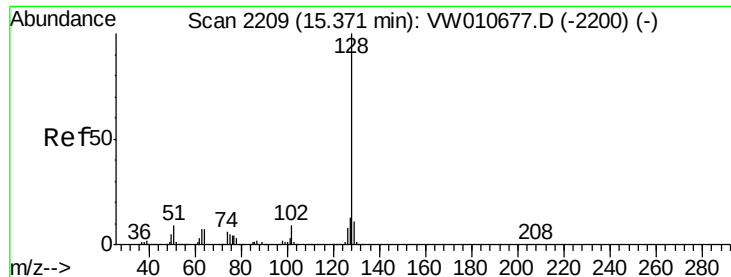
#94
 Hexachlorobutadiene
 Concen: 52.403 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010699.D
 Acq: 05 Jun 2019 18:22

Tgt Ion:225 Resp: 119819
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.2 96.6
 227 63.6 32.0 96.0



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

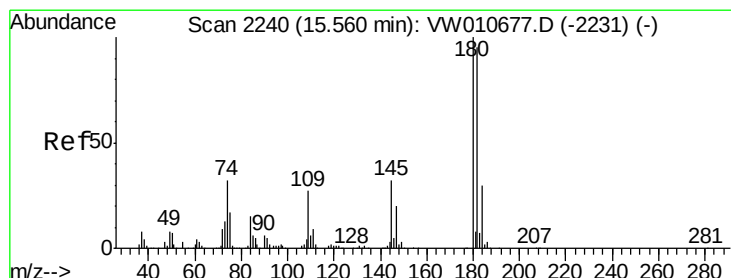
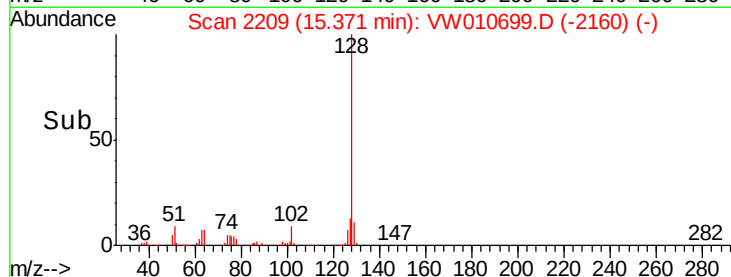
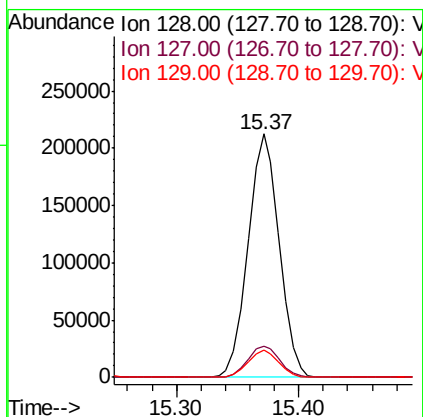
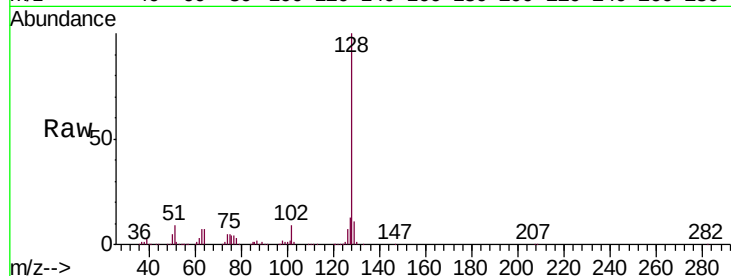




#95
Naphthalene
Concen: 56.704 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 375341
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.432 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010699.D
Acq: 05 Jun 2019 18:22

Tgt Ion:180 Resp: 168651
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 32.3 16.1 48.3

