

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013493.D
 Acq On : 08 Oct 2019 18:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 06:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	335605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	214345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141860	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.88	113	144656	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	10.32	98	599308	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.62	95	211033	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	61335	55.174	ug/l 97
3) Chloromethane	2.21	50	98162	50.236	ug/l 100
4) Vinyl Chloride	2.36	62	147995	51.347	ug/l 98
5) Bromomethane	2.77	94	93998	54.658	ug/l 97
6) Chloroethane	2.92	64	87118	53.821	ug/l 98
7) Trichlorofluoromethane	3.26	101	68706	50.382	ug/l 92
8) Diethyl Ether	3.68	74	81552	57.777	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	147096	52.336	ug/l 98
10) Methyl Iodide	4.26	142	244381	54.910	ug/l 100
11) Tert butyl alcohol	5.18	59	53290	292.316	ug/l 100
12) 1,1-Dichloroethene	4.04	96	153494	52.697	ug/l 97
13) Acrolein	3.89	56	56408	243.051	ug/l 100
14) Allyl chloride	4.67	41	243297	54.353	ug/l 99
15) Acrylonitrile	5.36	53	184602	279.822	ug/l 99
16) Acetone	4.12	43	163052	270.230	ug/l 100
17) Carbon Disulfide	4.38	76	431596	52.788	ug/l 100
18) Methyl Acetate	4.67	43	89609	51.845	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	256144	58.155	ug/l 100
20) Methylene Chloride	4.91	84	166825	57.772	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	166769	53.881	ug/l 97
22) Diisopropyl ether	6.31	45	480662	57.312	ug/l 99
23) Vinyl Acetate	6.25	43	1466524	291.258	ug/l 98
24) 1,1-Dichloroethane	6.21	63	283194	55.246	ug/l 100
25) 2-Butanone	7.17	43	234820	264.069	ug/l 99
26) 2,2-Dichloropropane	7.17	77	165578	50.106	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	181466	55.409	ug/l 99
28) Bromochloromethane	7.51	49	106856	53.660	ug/l # 99
29) Tetrahydrofuran	7.53	42	151927	279.543	ug/l 99
30) Chloroform	7.68	83	274311	55.323	ug/l 97
31) Cyclohexane	7.95	56	273731	50.452	ug/l 100
32) 1,1,1-Trichloroethane	7.87	97	219870	54.550	ug/l 99
36) 1,1-Dichloropropene	8.08	75	227426	51.945	ug/l 100
37) Ethyl Acetate	7.25	43	107429	54.080	ug/l 99
38) Carbon Tetrachloride	8.07	117	202727	52.233	ug/l 98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	300870	53.042	ug/l	99
40) Benzene	8.32	78	657927	53.833	ug/l	99
41) Methacrylonitrile	7.48	41	62977	55.751	ug/l	97
42) 1,2-Dichloroethane	8.40	62	173915	56.299	ug/l	98
43) Isopropyl Acetate	8.42	43	202039	56.296	ug/l	98
44) Trichloroethene	9.09	130	188096	53.949	ug/l	100
45) 1,2-Dichloropropane	9.37	63	164801	56.181	ug/l	95
46) Dibromomethane	9.46	93	81711	55.914	ug/l	100
47) Bromodichloromethane	9.65	83	207524	57.127	ug/l	98
48) Methyl methacrylate	9.43	41	94110	53.236	ug/l	95
49) 1,4-Dioxane	9.46	88	24596	958.538	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	517873	274.472	ug/l	100
52) Toluene	10.39	92	431614	54.825	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	219534	58.159	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	260559	56.976	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	123595	56.346	ug/l	95
56) Ethyl methacrylate	10.65	69	171643	58.099	ug/l	99
57) 1,3-Dichloropropane	10.93	76	214107	56.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	389178	279.225	ug/l	99
59) 2-Hexanone	10.97	43	360456	278.600	ug/l	100
60) Dibromochloromethane	11.13	129	147217	58.361	ug/l	98
61) 1,2-Dibromoethane	11.23	107	119103	57.087	ug/l	99
64) Tetrachloroethene	10.86	164	162836	52.742	ug/l	98
65) Chlorobenzene	11.66	112	450718	54.073	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	161825	55.889	ug/l	99
67) Ethyl Benzene	11.73	91	815632	53.537	ug/l	99
68) m/p-Xylenes	11.84	106	632571	109.126	ug/l	100
69) o-Xylene	12.16	106	298186	55.678	ug/l	100
70) Styrene	12.18	104	517419	56.268	ug/l	99
71) Bromoform	12.35	173	90987	57.276	ug/l #	99
73) Isopropylbenzene	12.46	105	816595	53.186	ug/l	99
74) N-amyl acetate	12.27	43	187393	55.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	140702	53.765	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	179020	100.281	ug/l #	100
77) Bromobenzene	12.74	156	199925	54.935	ug/l	98
78) n-propylbenzene	12.80	91	951026	53.566	ug/l	99
79) 2-Chlorotoluene	12.89	91	531719	53.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	688238	53.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	47997	54.960	ug/l	100
82) 4-Chlorotoluene	12.99	91	553502	53.612	ug/l	100
83) tert-Butylbenzene	13.21	119	606233	53.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	678546	53.780	ug/l	99
85) sec-Butylbenzene	13.38	105	825860	52.757	ug/l	100
86) p-Isopropyltoluene	13.50	119	775429	53.914	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	382915	55.490	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	373918	55.313	ug/l	99
89) n-Butylbenzene	13.82	91	703706	54.162	ug/l	99
90) Hexachloroethane	14.09	117	131980	53.630	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	336845	55.287	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22494	53.916	ug/l	99

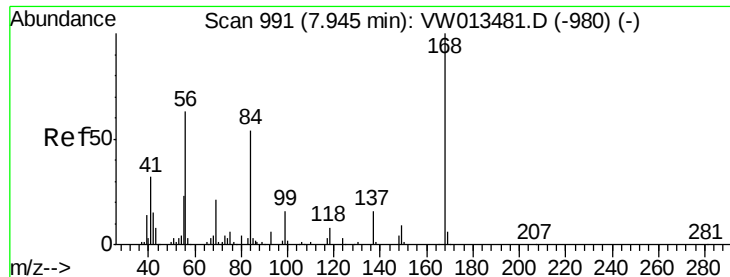
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	253024	58.761	ug/l	99
94) Hexachlorobutadiene	15.24	225	159860	55.866	ug/l	99
95) Naphthalene	15.36	128	451342	60.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	220116	58.459	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

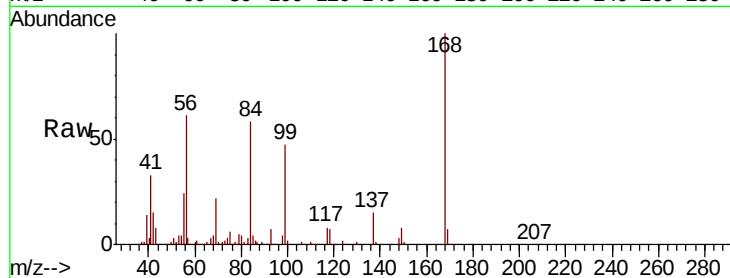
ClientSampleId :

Tot Ion:168 Resp: 335605

Ion Ratio Lower Upper

168 100

99 47.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

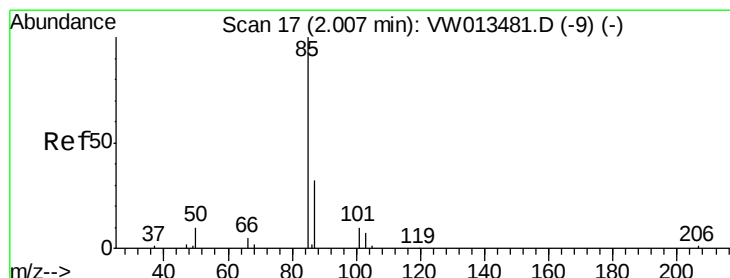
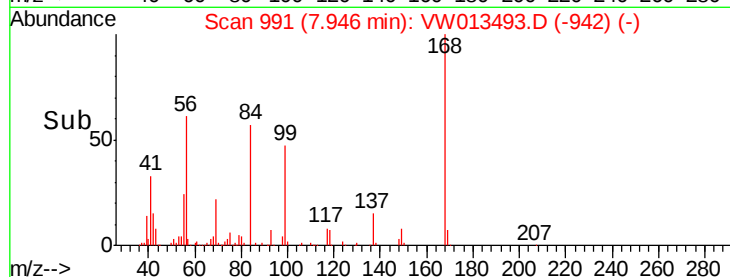
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.174 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013493.D

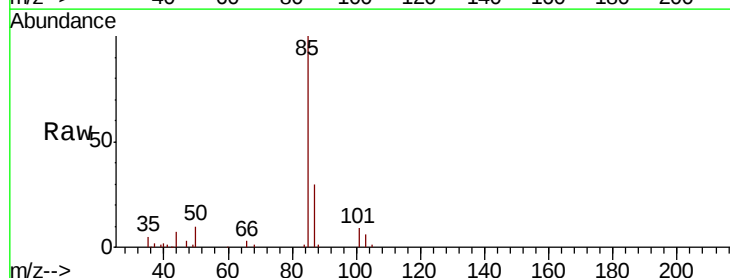
Acq: 08 Oct 2019 18:29

Tgt Ion: 85 Resp: 61335

Ion Ratio Lower Upper

85 100

87 29.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

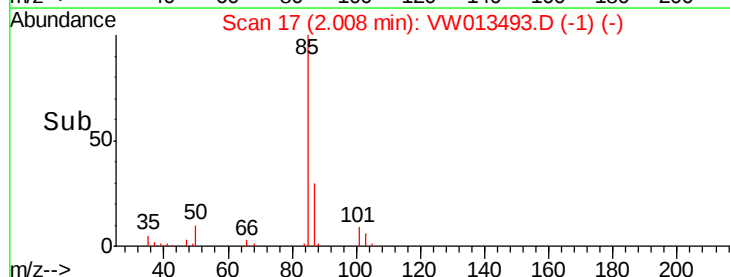
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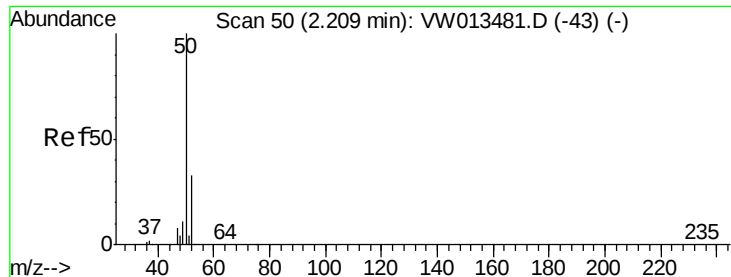
10000

5000

0

Time-->





#3

Chloromethane

Concen: 50.236 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

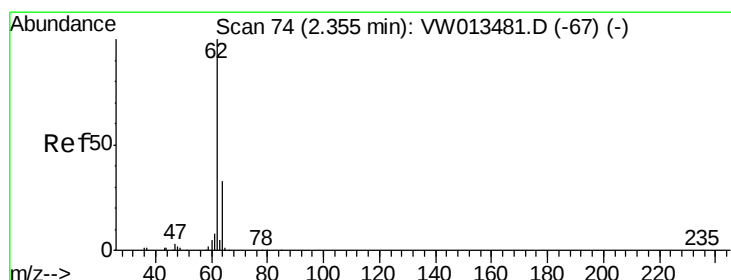
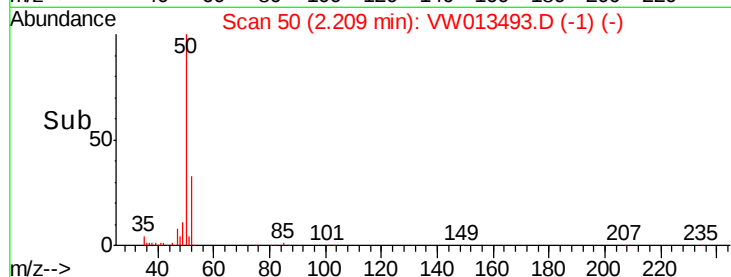
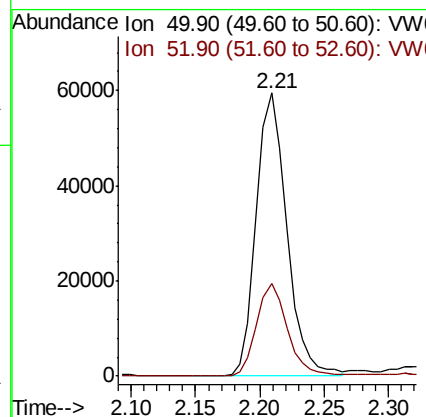
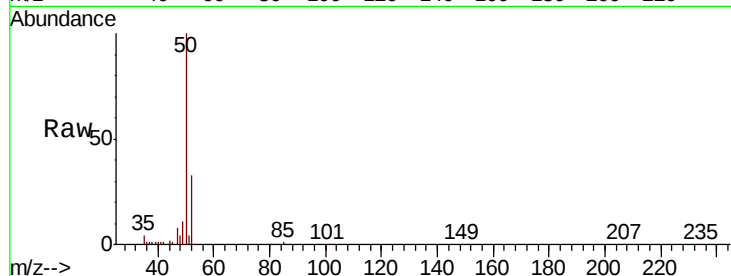
ClientSampleId :

Tot Ion: 50 Resp: 98162

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 51.347 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013493.D

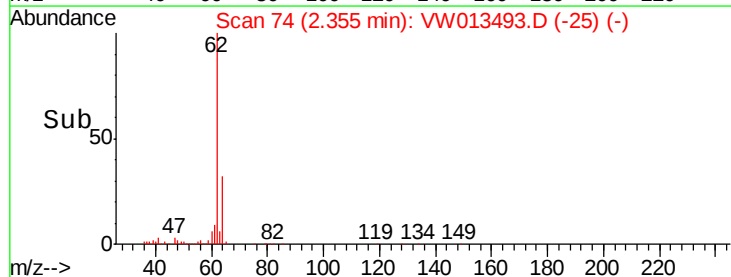
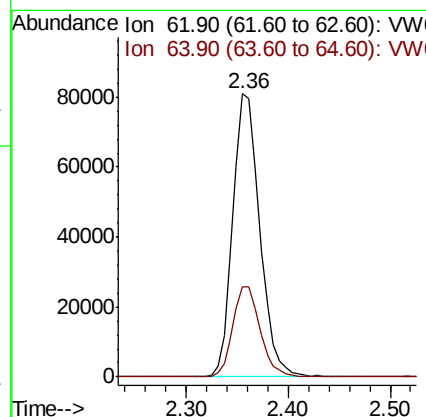
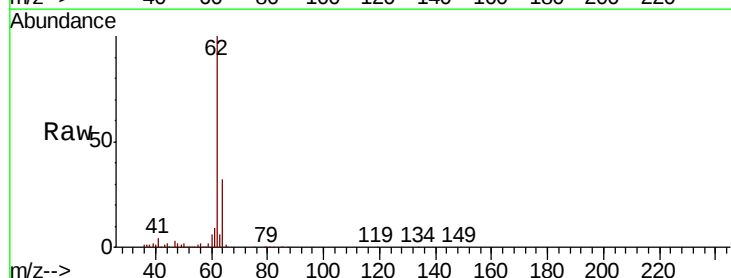
Acq: 08 Oct 2019 18:29

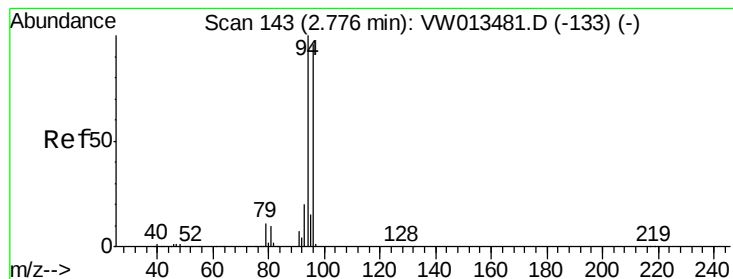
Tgt Ion: 62 Resp: 147995

Ion Ratio Lower Upper

62 100

64 31.8 26.6 39.8





#5

Bromomethane

Concen: 54.658 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

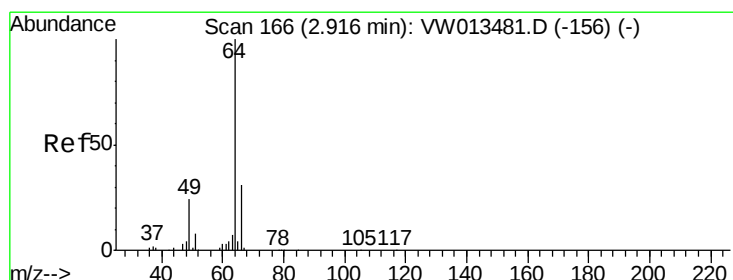
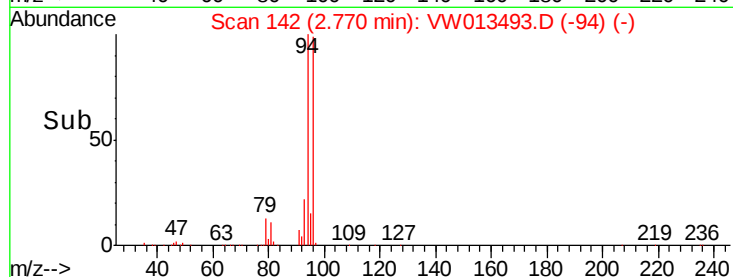
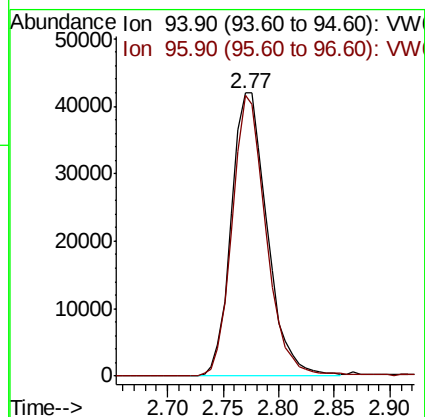
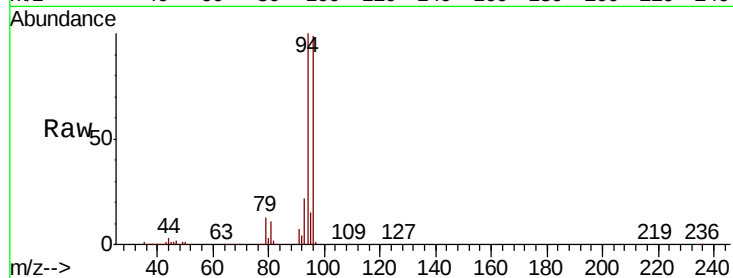
ClientSampleId :

Tot Ion: 94 Resp: 93998

Ion Ratio Lower Upper

94 100

96 99.4 77.0 115.6



#6

Chloroethane

Concen: 53.821 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013493.D

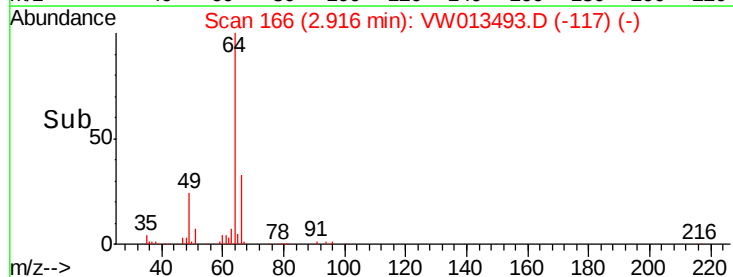
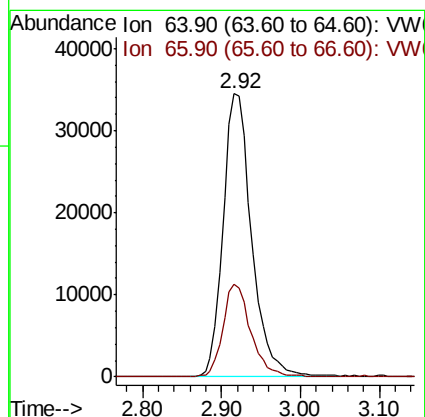
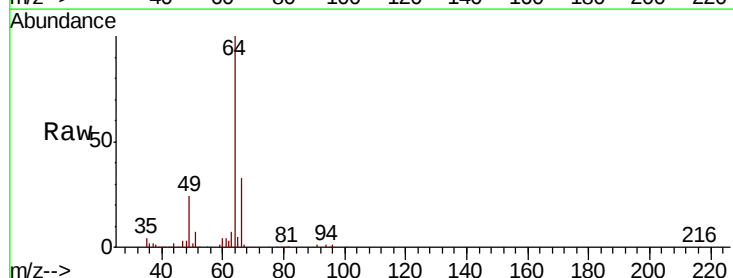
Acq: 08 Oct 2019 18:29

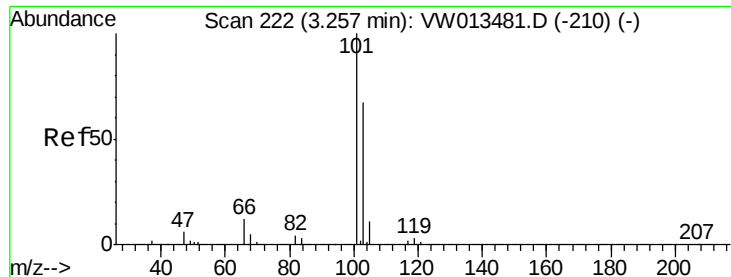
Tgt Ion: 64 Resp: 87118

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.4



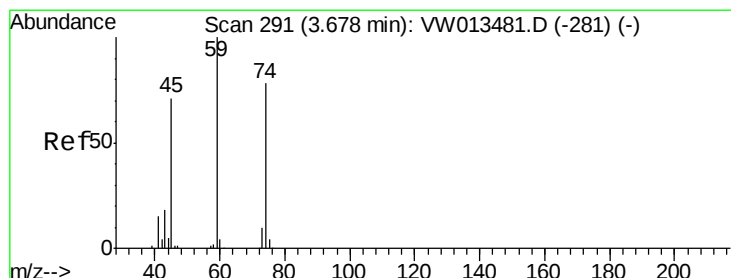
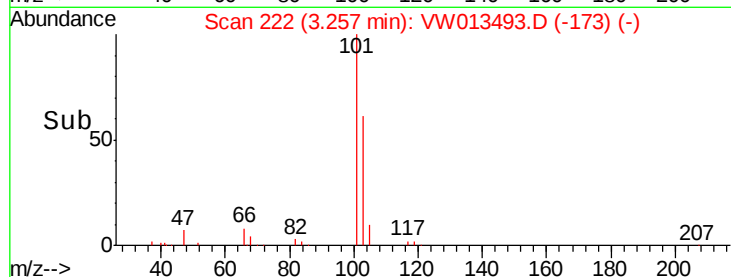
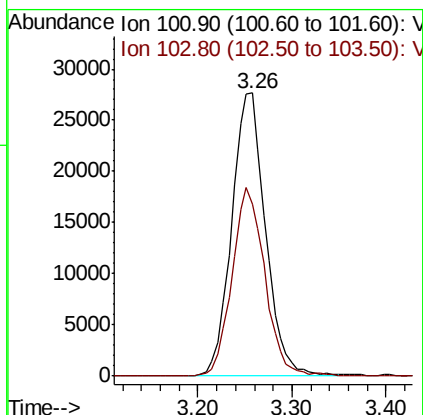
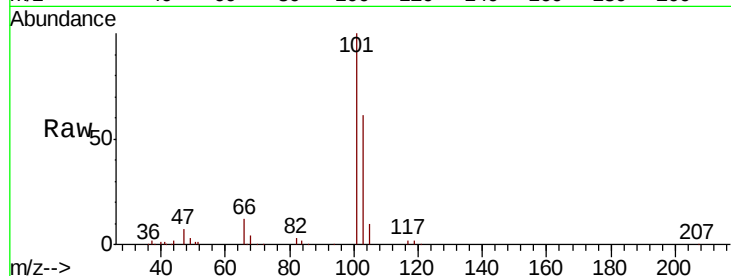


#7

Trichlorofluoromethane
 Concen: 50.382 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampled :

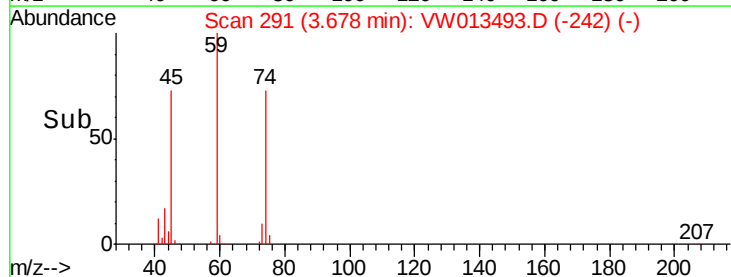
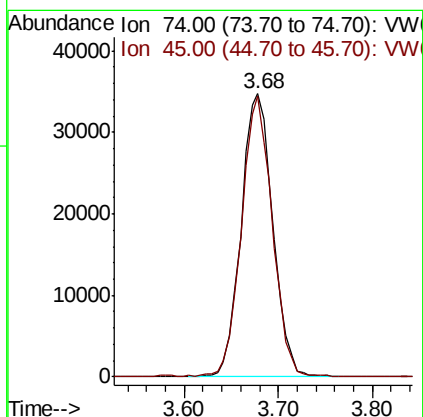
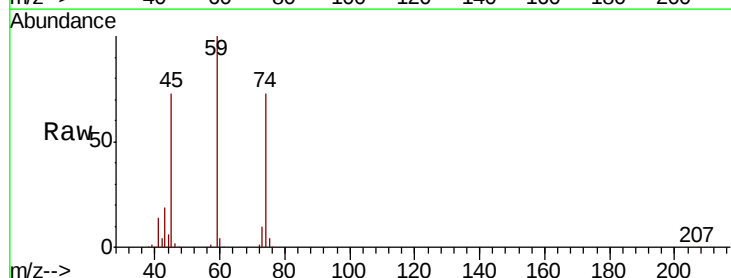
Tot Ion:101 Resp: 68706
 Ion Ratio Lower Upper
 101 100
 103 60.8 53.7 80.5

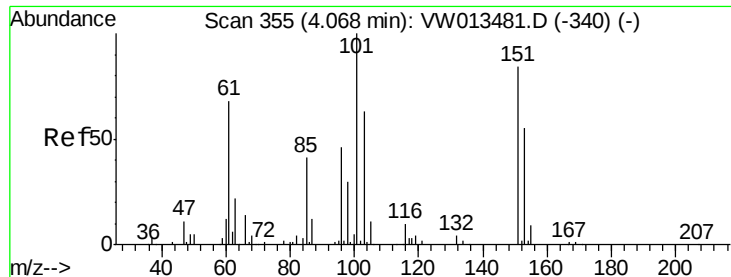


#8

Diethyl Ether
 Concen: 57.777 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion: 74 Resp: 81552
 Ion Ratio Lower Upper
 74 100
 45 96.0 50.0 150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.336 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampled :

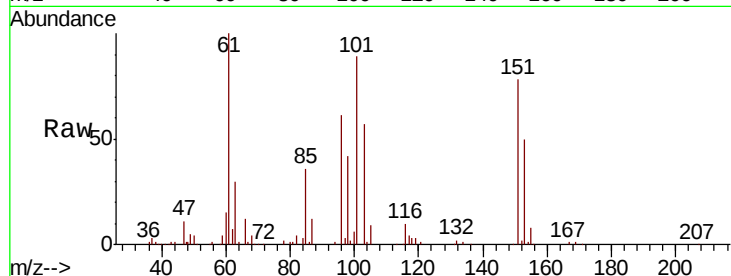
Tot Ion:101 Resp: 147096

Ion Ratio Lower Upper

101 100

85 41.1 31.6 47.4

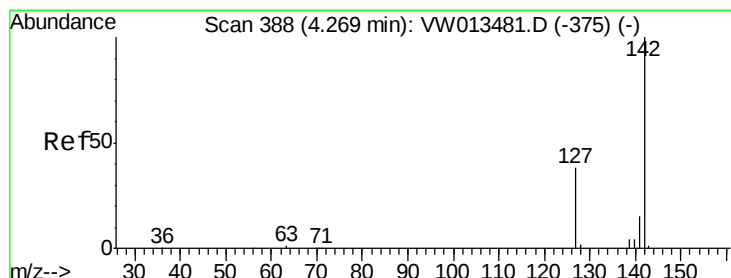
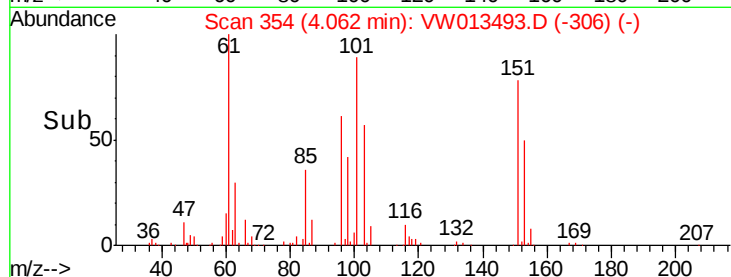
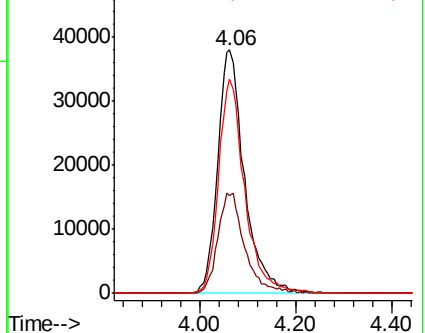
151 85.9 67.5 101.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.910 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

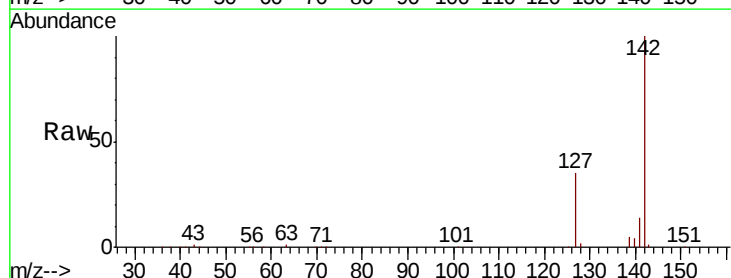
Tgt Ion:142 Resp: 244381

Ion Ratio Lower Upper

142 100

127 36.9 29.6 44.4

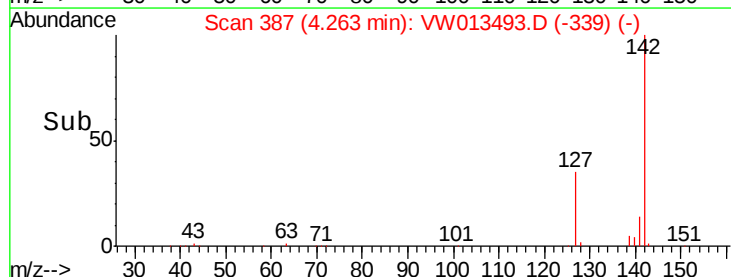
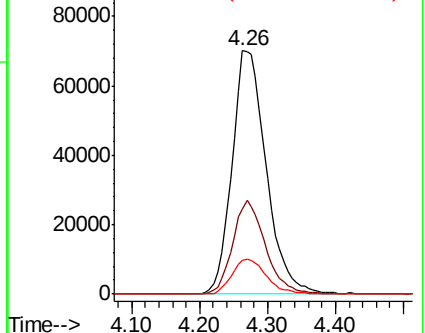
141 14.6 12.1 18.1

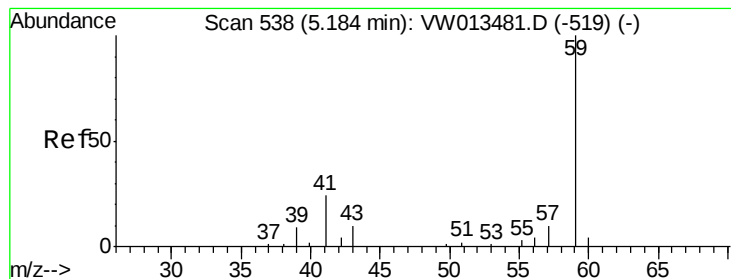


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



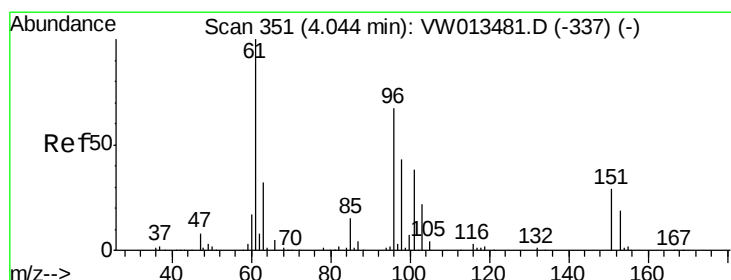
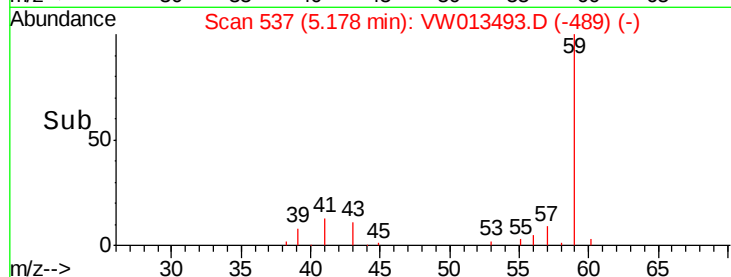
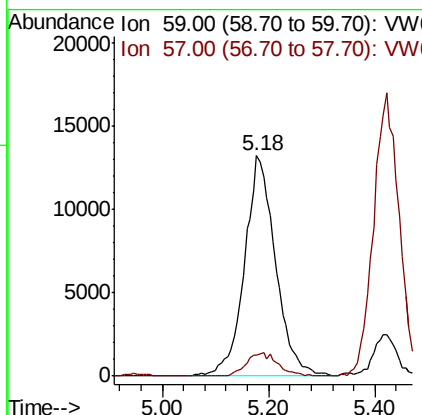
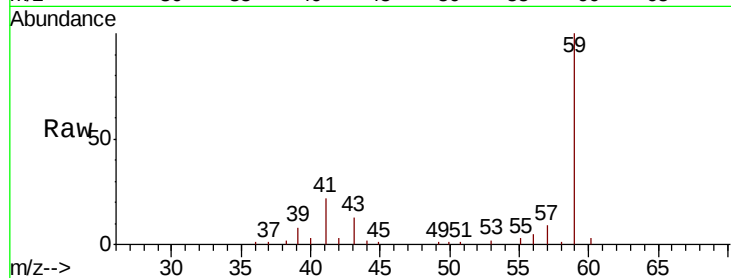


#11

Tert butyl alcohol
Concen: 292.316 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :

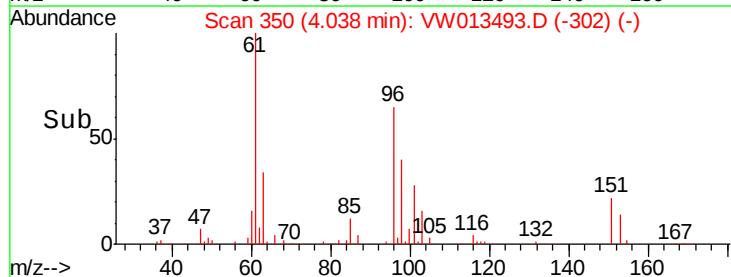
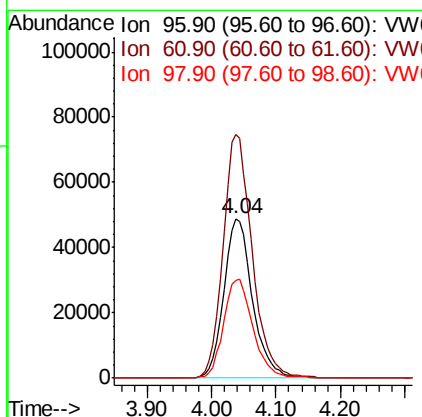
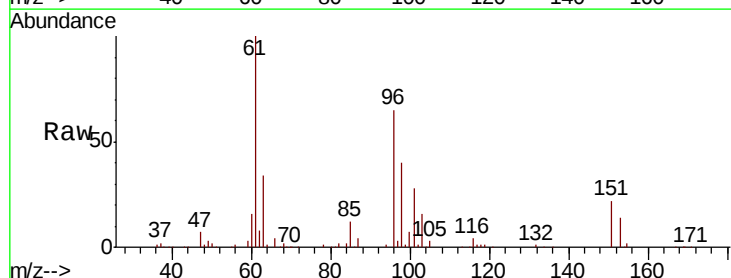
Tot Ion: 59 Resp: 53290
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

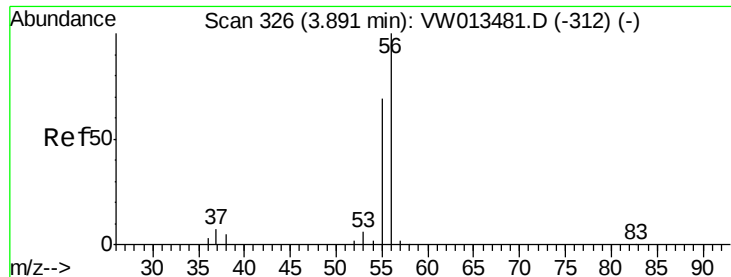


#12

1,1-Dichloroethene
Concen: 52.697 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 96 Resp: 153494
Ion Ratio Lower Upper
96 100
61 152.9 119.4 179.0
98 61.8 51.1 76.7

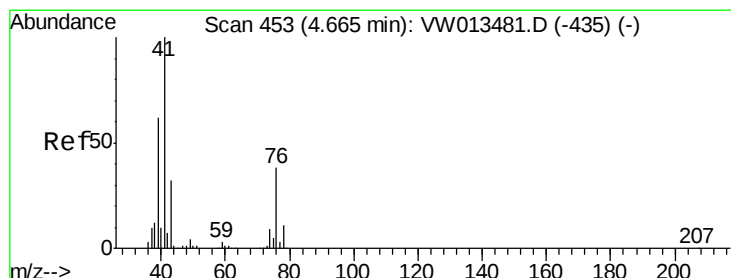
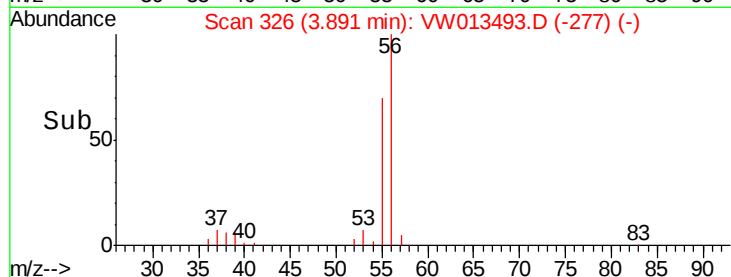
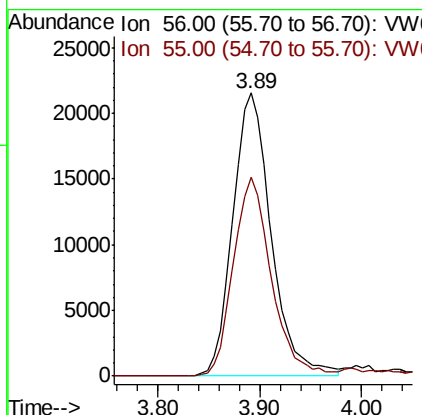
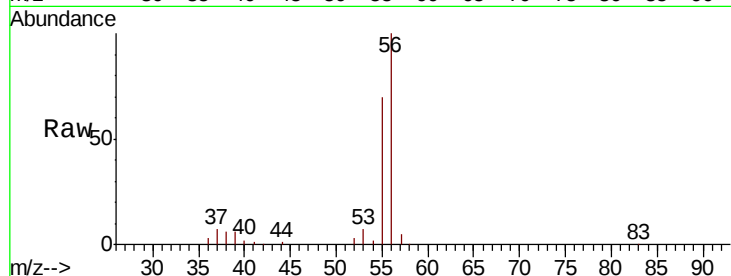




#13
Acrolein
Concen: 243.051 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

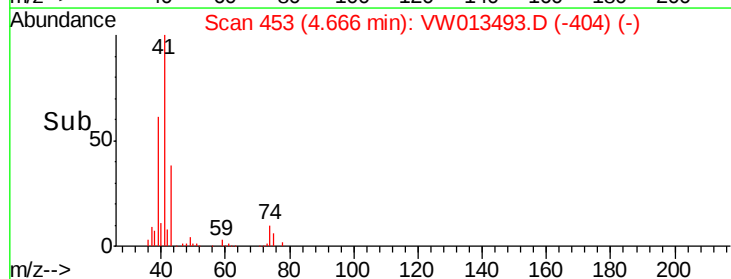
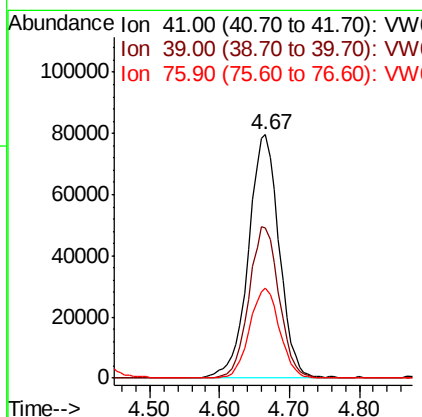
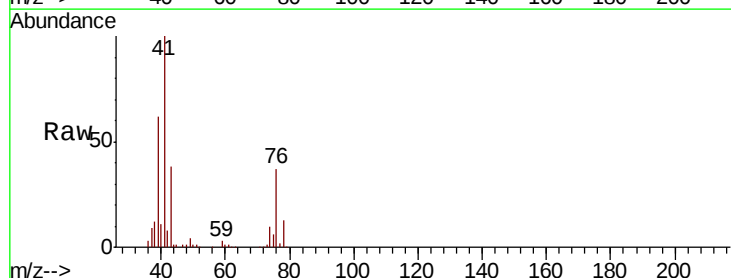
Instrument :
MSVOA_W
ClientSampleId :

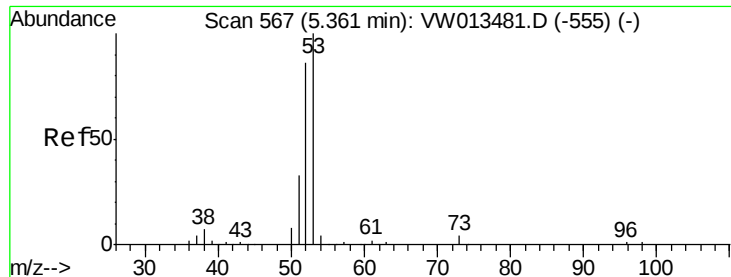
Tot Ion: 56 Resp: 56408
Ion Ratio Lower Upper
56 100
55 69.6 55.9 83.9



#14
Allyl chloride
Concen: 54.353 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 41 Resp: 243297
Ion Ratio Lower Upper
41 100
39 60.9 50.1 75.1
76 36.1 29.0 43.4





#15

Acrylonitrile

Concen: 279.822 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

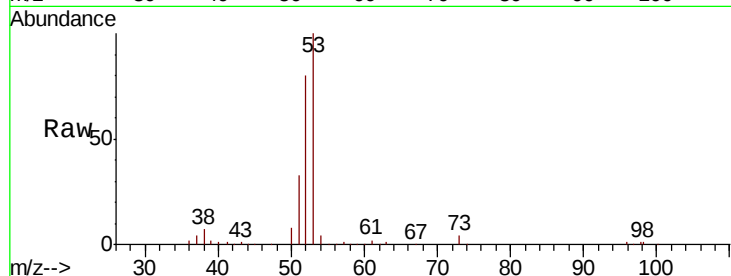
Tot Ion: 53 Resp: 184602

Ion Ratio Lower Upper

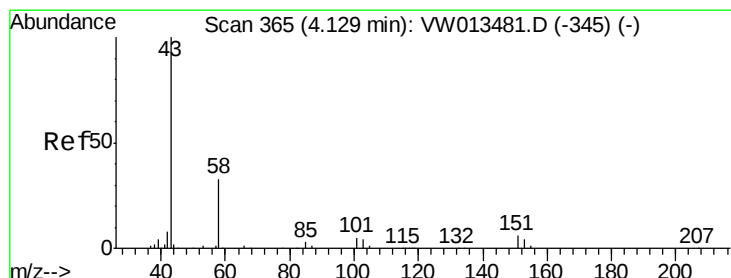
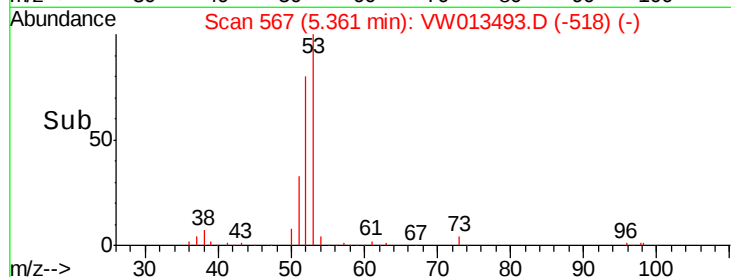
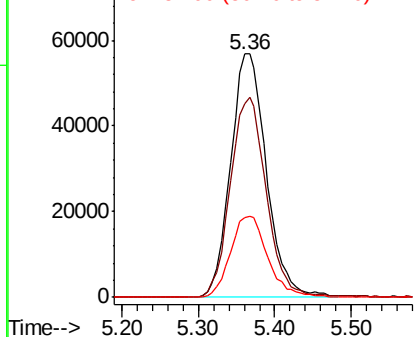
53 100

52 82.5 65.8 98.8

51 34.5 28.6 42.8



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



#16

Acetone

Concen: 270.230 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013493.D

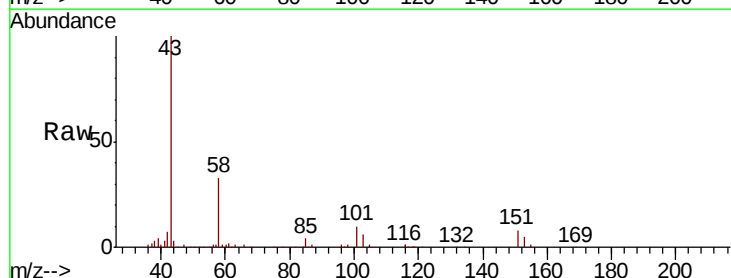
Acq: 08 Oct 2019 18:29

Tgt Ion: 43 Resp: 163052

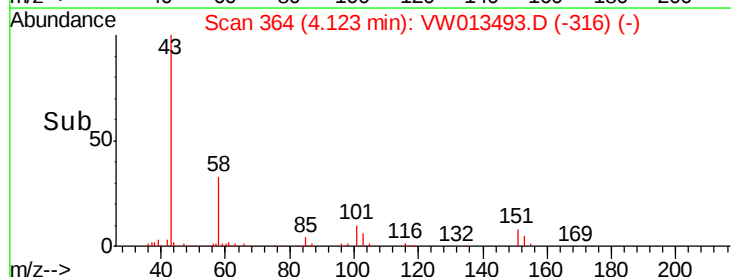
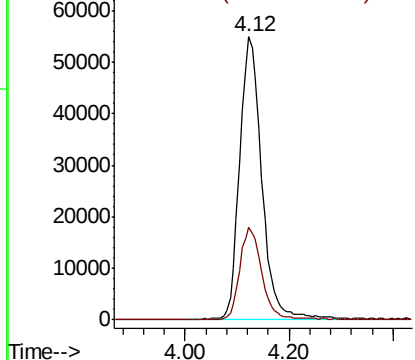
Ion Ratio Lower Upper

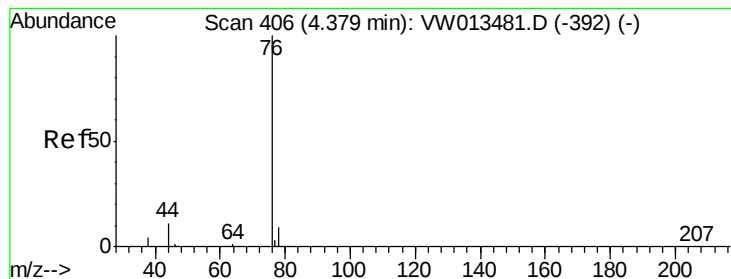
43 100

58 32.7 26.1 39.1



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





#17

Carbon Disulfide

Concen: 52.788 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

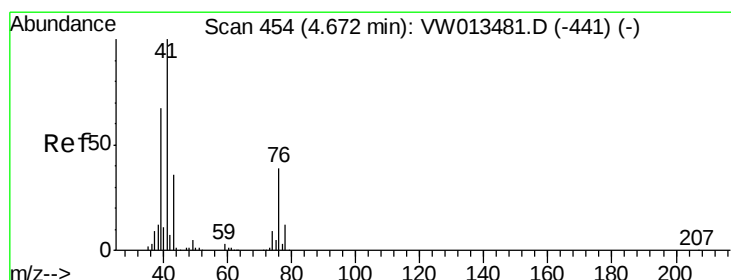
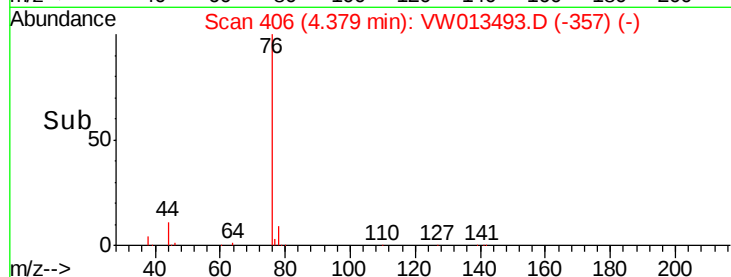
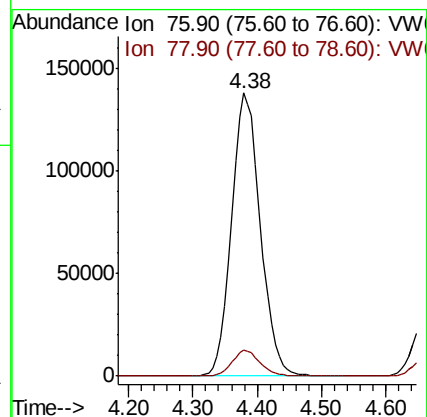
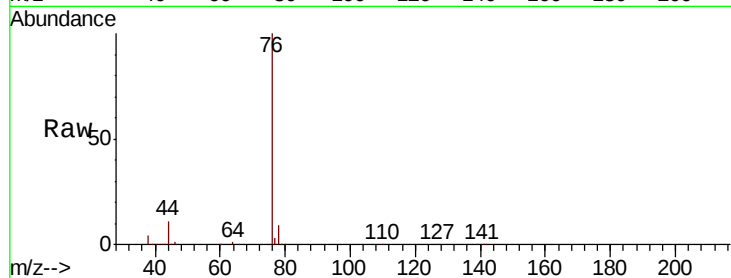
ClientSampleId :

Tot Ion: 76 Resp: 431596

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 51.845 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW013493.D

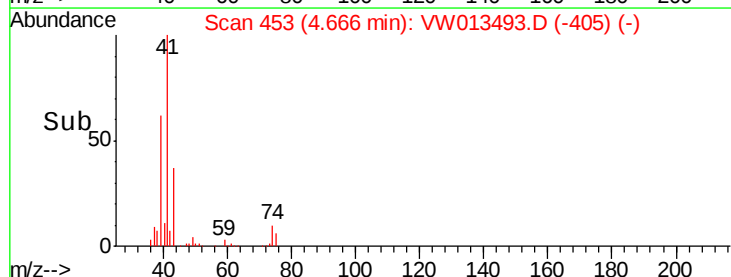
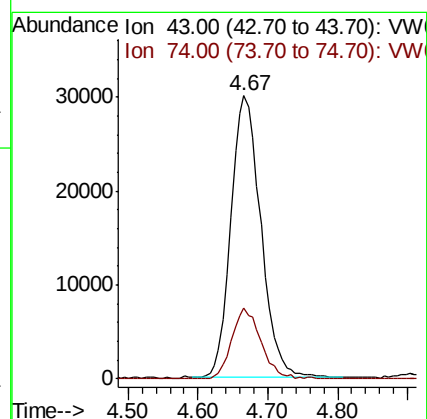
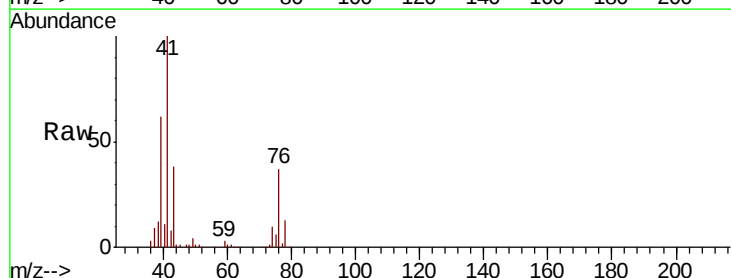
Acq: 08 Oct 2019 18:29

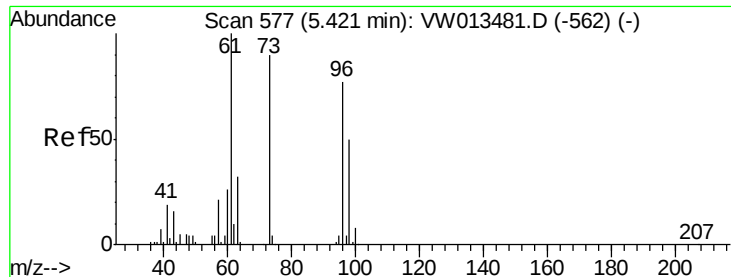
Tgt Ion: 43 Resp: 89609

Ion Ratio Lower Upper

43 100

74 24.3 19.6 29.4

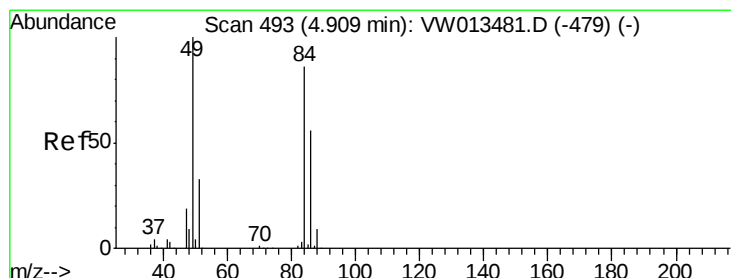
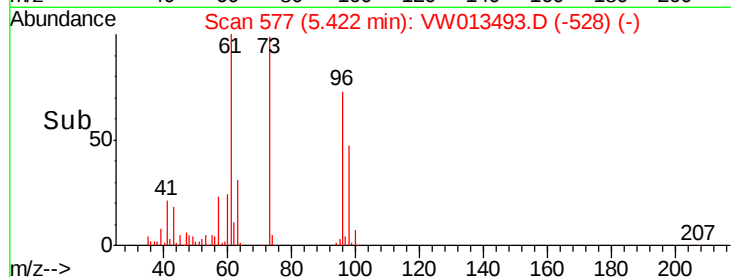
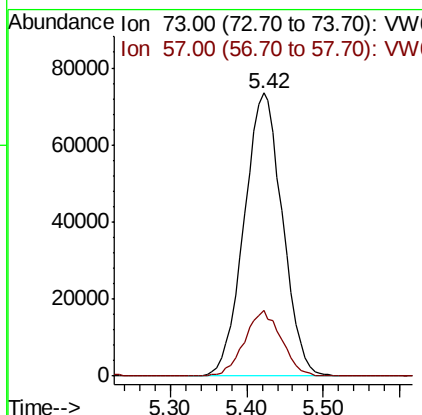
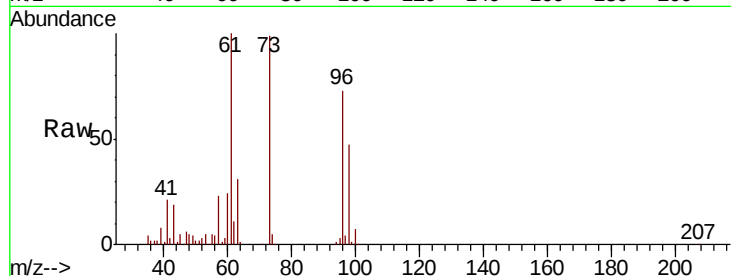




#19
Methvl tert-butvl Ether
Concen: 58.155 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

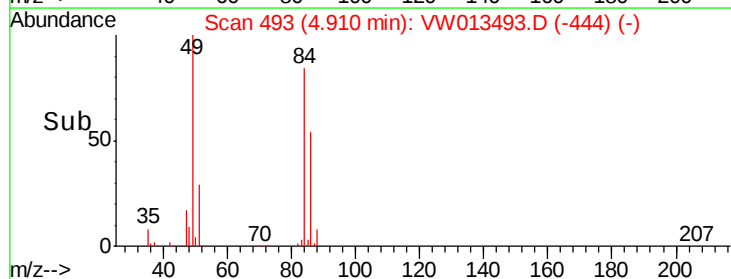
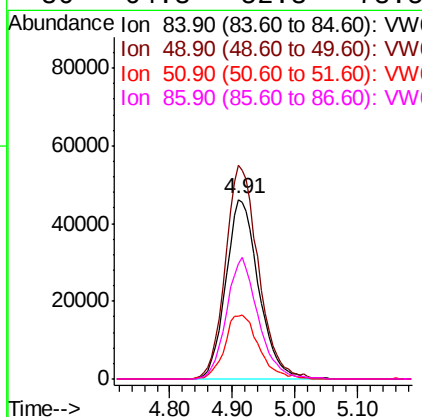
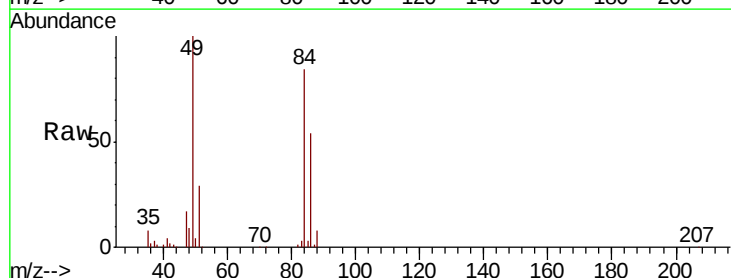
Instrument :
MSVOA_W
ClientSampleId :

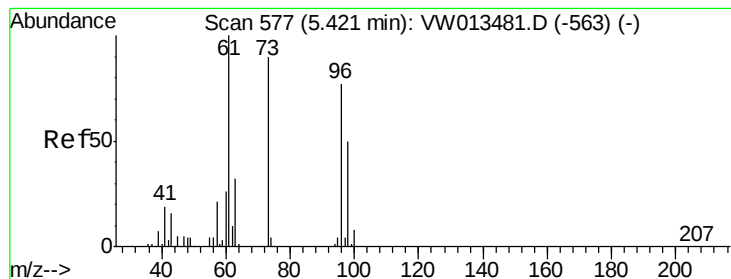
Tot Ion: 73 Resp: 256144
Ion Ratio Lower Upper
73 100
57 23.1 18.6 27.8



#20
Methylene Chloride
Concen: 57.772 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 84 Resp: 166825
Ion Ratio Lower Upper
84 100
49 118.8 93.4 140.0
51 35.1 30.6 46.0
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.881 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

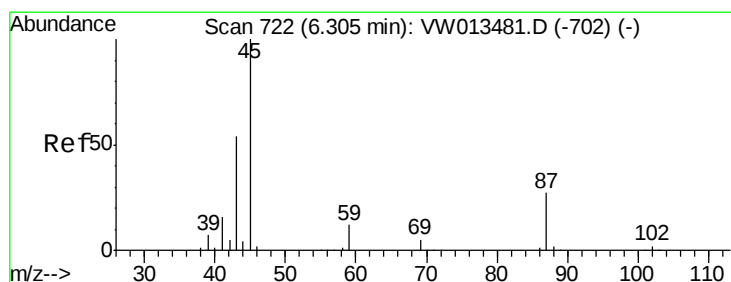
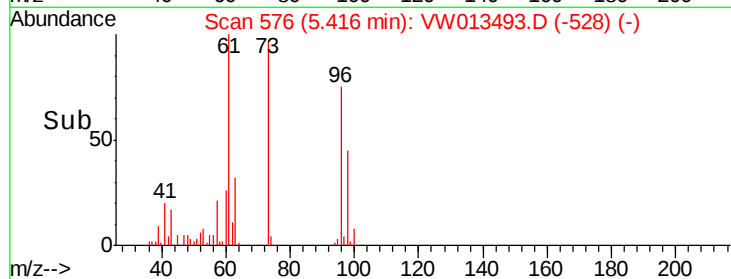
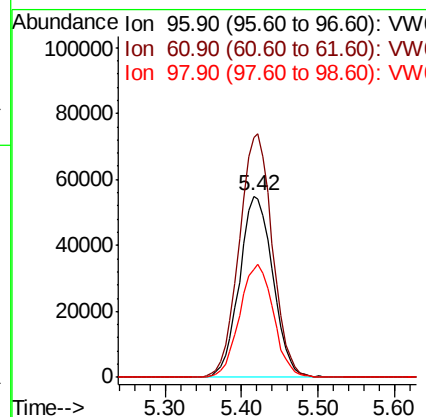
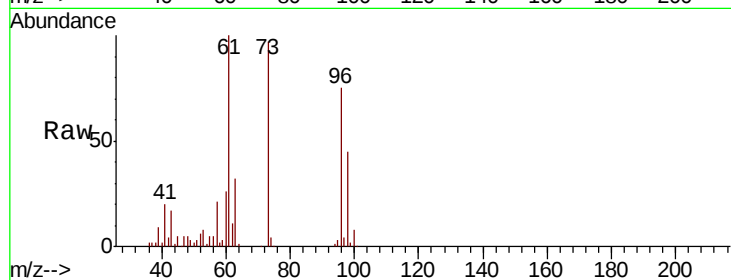
Tot Ion: 96 Resp: 166769

Ion Ratio Lower Upper

96 100

61 132.5 104.3 156.5

98 59.6 51.8 77.8



#22

Diisopropyl ether

Concen: 57.312 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion: 45 Resp: 480662

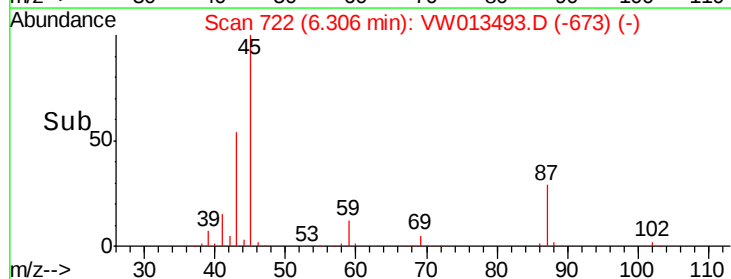
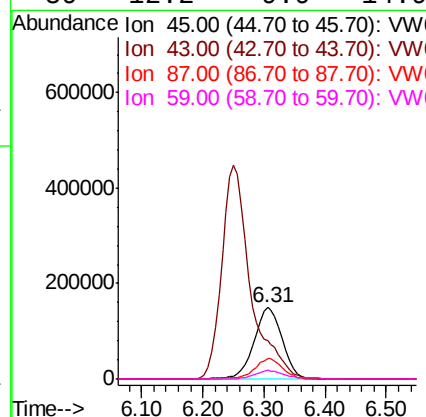
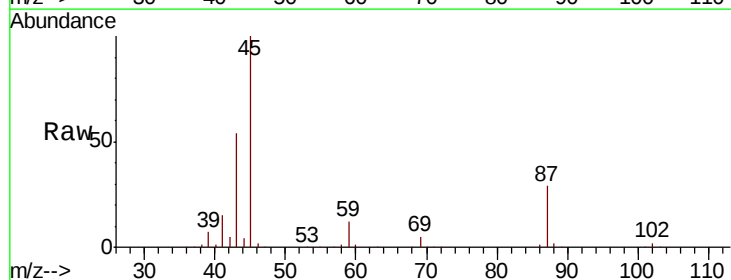
Ion Ratio Lower Upper

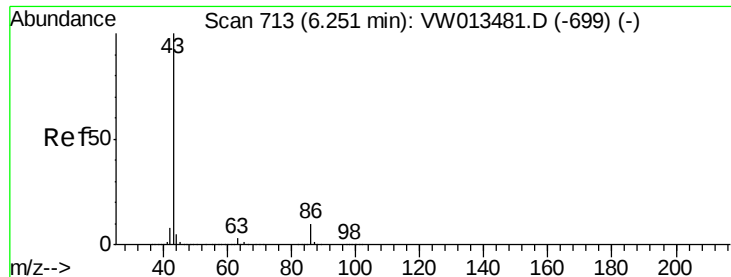
45 100

43 53.9 43.4 65.0

87 28.8 22.1 33.1

59 12.2 9.9 14.9





#23

Vinyl Acetate

Concen: 291.258 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

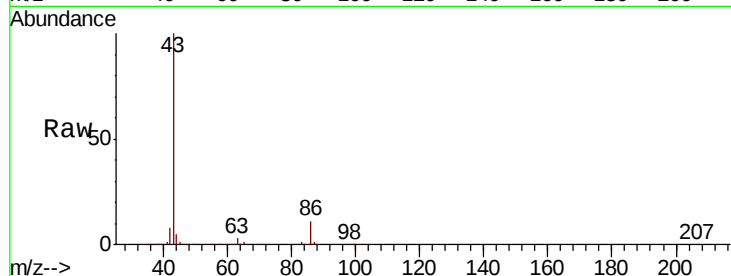
ClientSampled :

Tot Ion: 43 Resp: 1466524

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

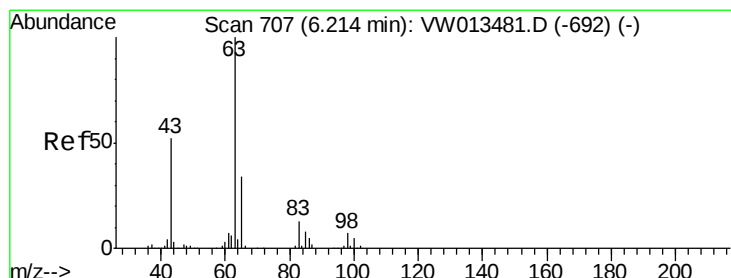
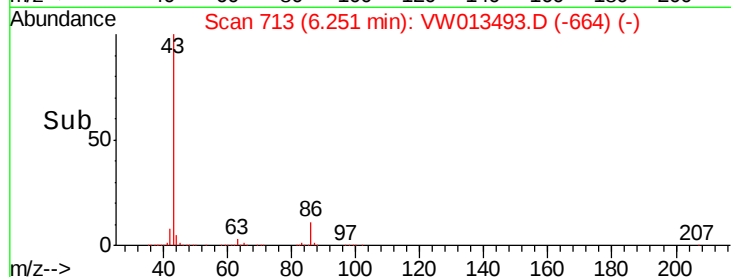
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.246 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

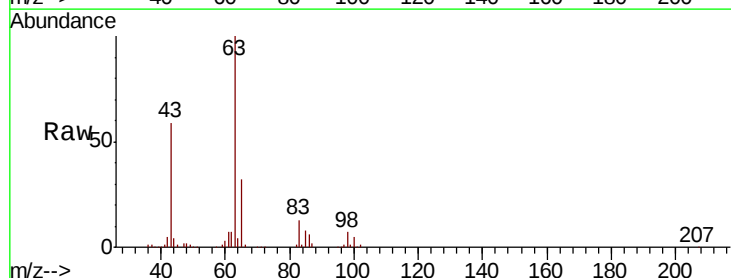
Tgt Ion: 63 Resp: 283194

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

120000

100000

80000

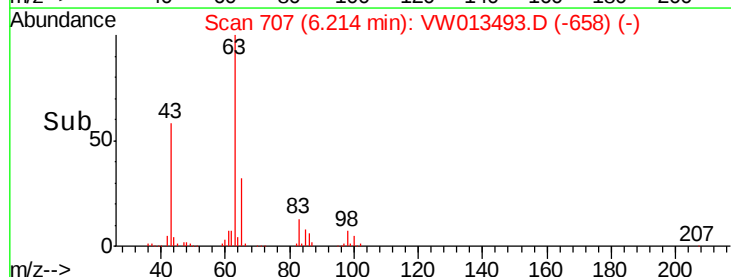
60000

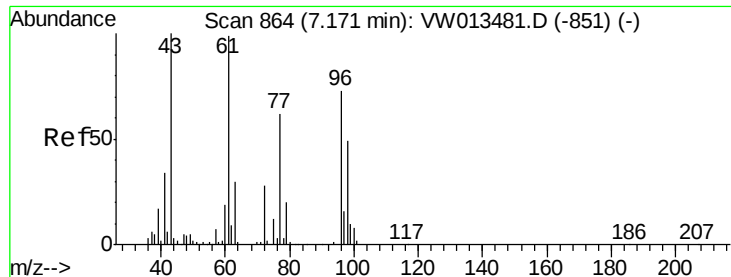
40000

20000

0

Time-->





#25

2-Butanone

Concen: 264.069 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

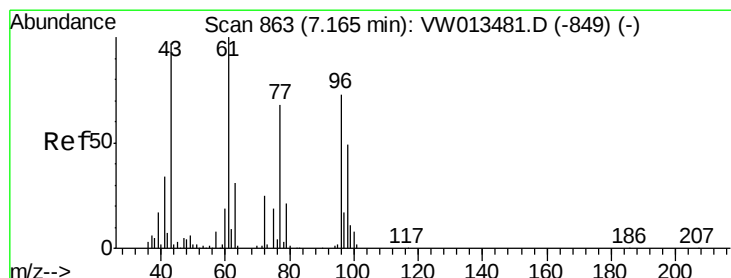
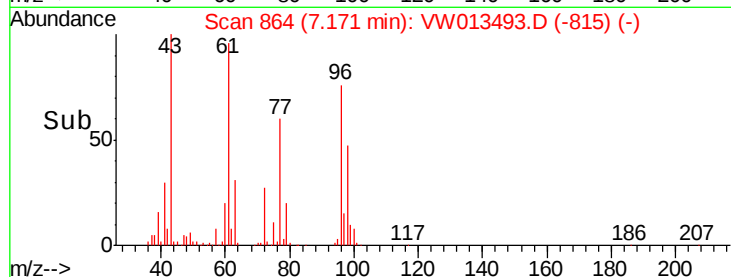
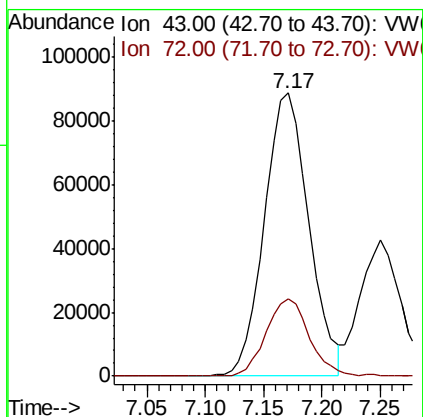
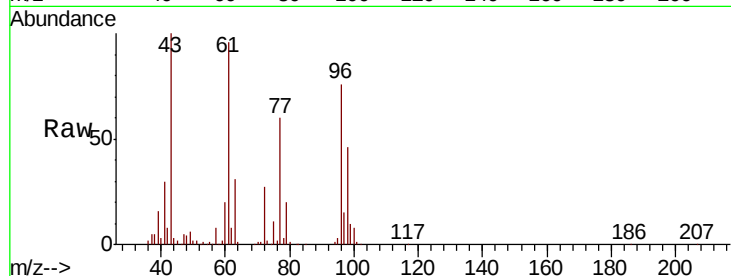
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 234820

Ion Ratio Lower Upper

43 100

72 27.2 22.1 33.1



#26

2,2-Dichloropropane

Concen: 50.106 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013493.D

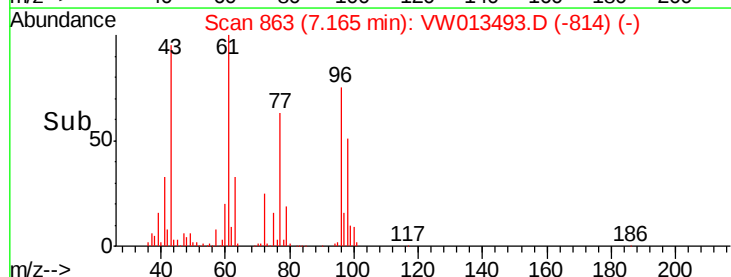
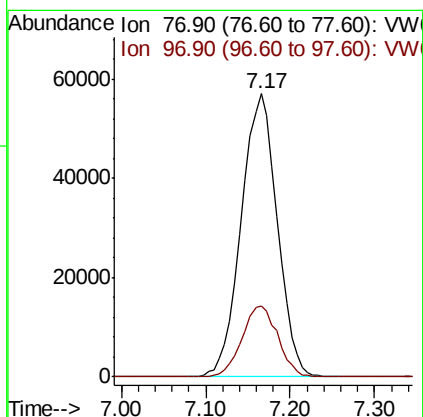
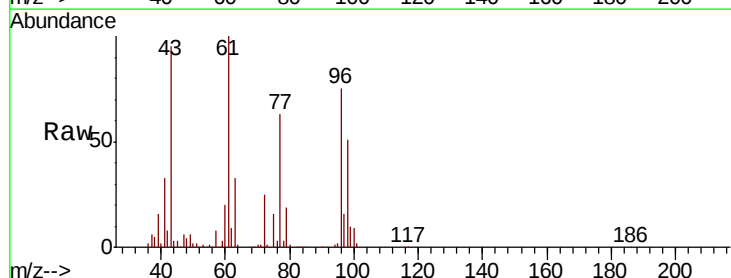
Acq: 08 Oct 2019 18:29

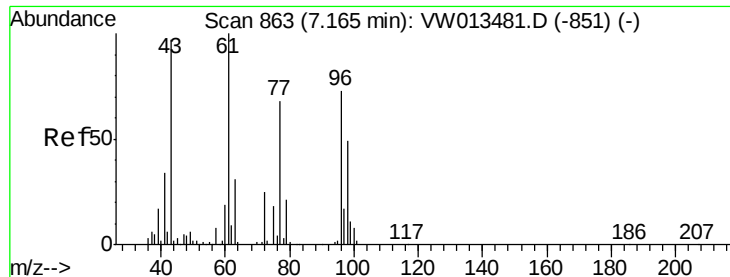
Tgt Ion: 77 Resp: 165578

Ion Ratio Lower Upper

77 100

97 24.7 12.6 37.6



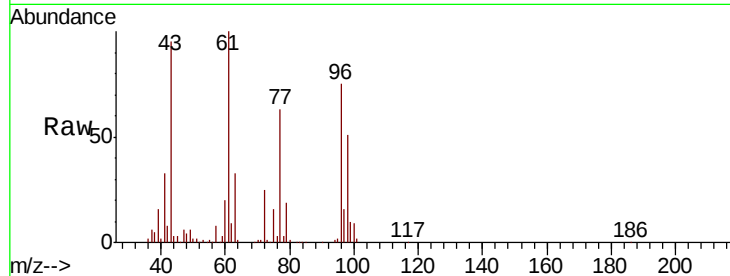


#27

cis-1,2-Dichloroethene
 Concen: 55.409 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	274.4
98	64.6	0.0	130.2

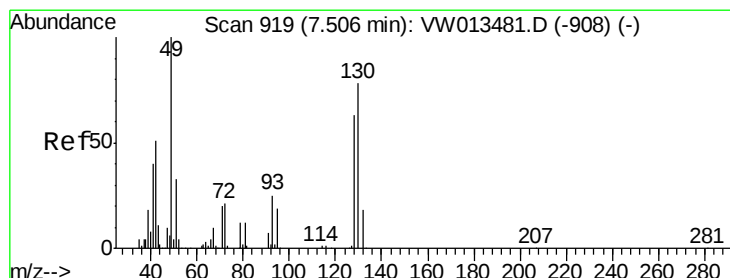
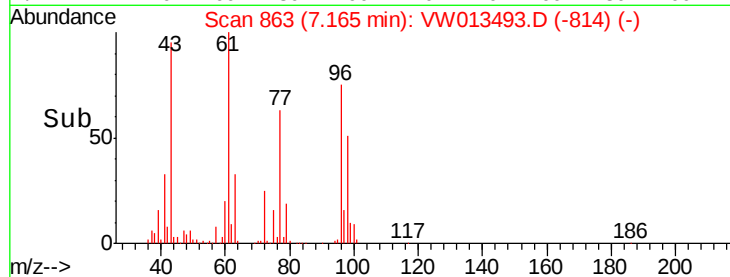
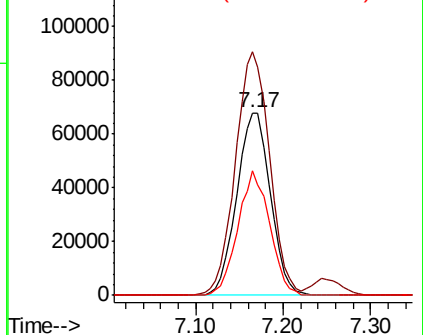


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

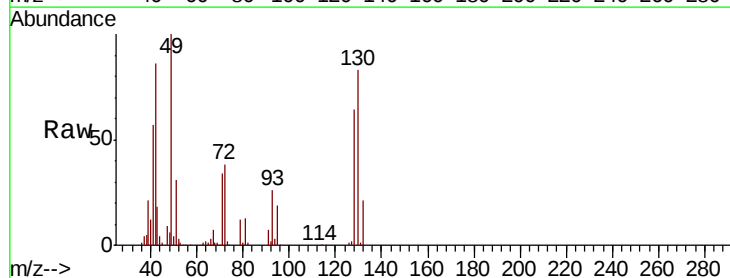
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
 Concen: 53.660 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.6
130	84.5	0.0	0.0#

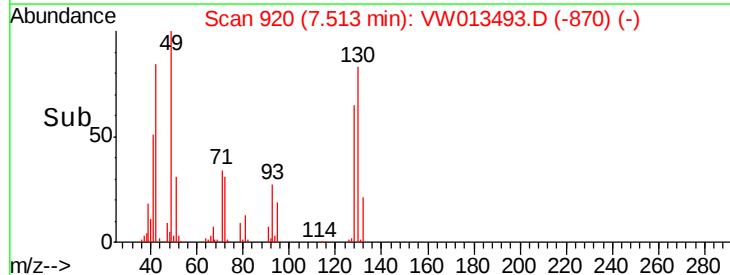
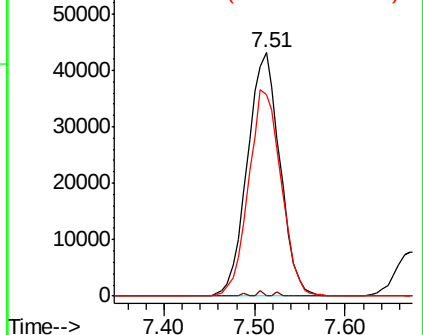


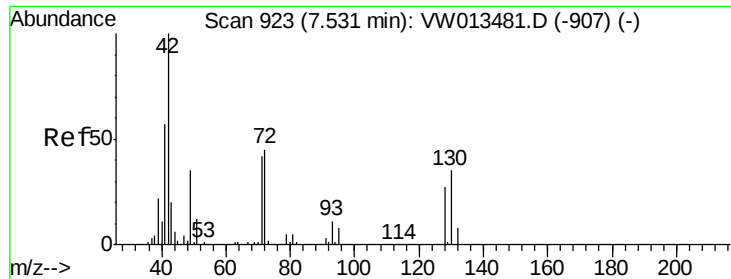
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

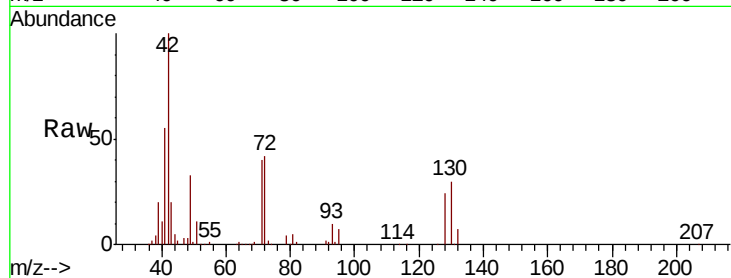




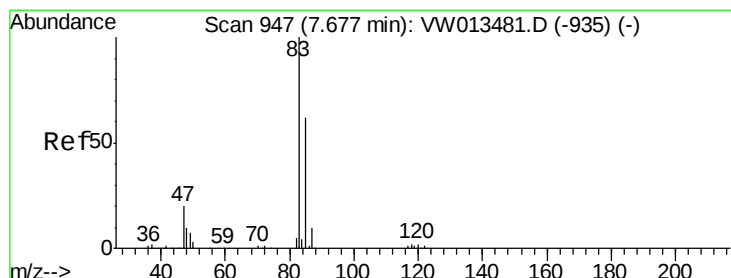
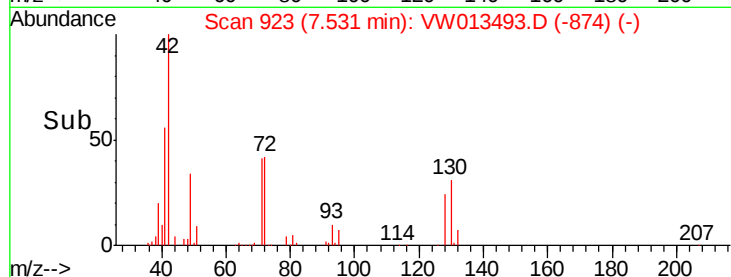
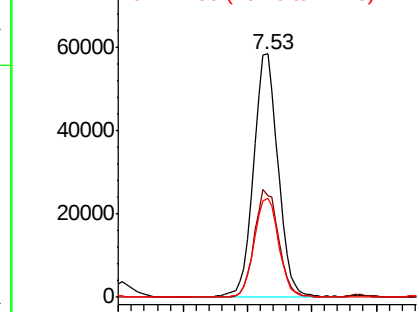
#29
Tetrahydrofuran
Concen: 279.543 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.8	52.2
71	40.7	33.6	50.4

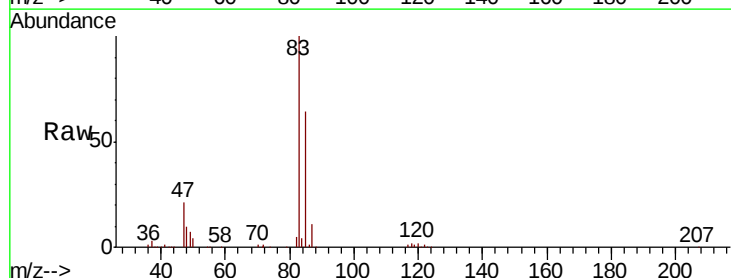


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

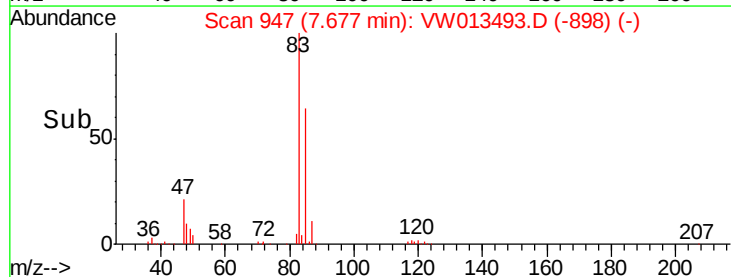
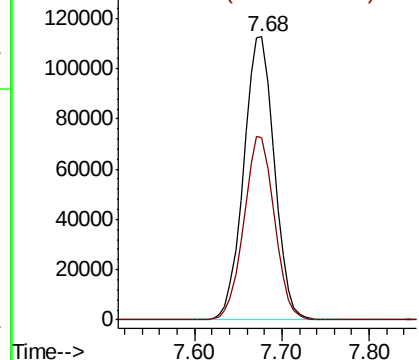


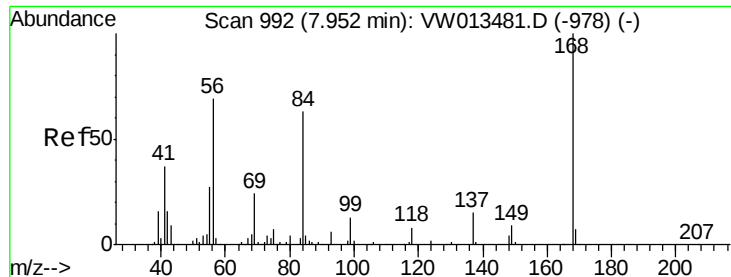
#30
Chloroform
Concen: 55.323 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.4	74.2



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

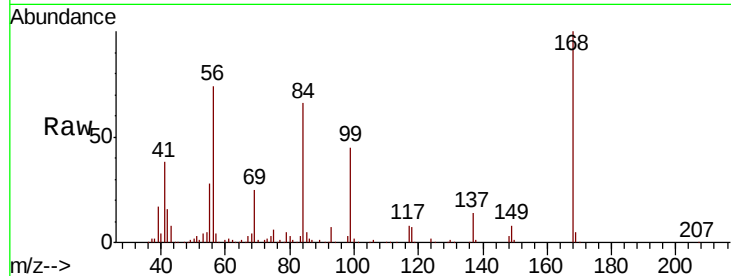




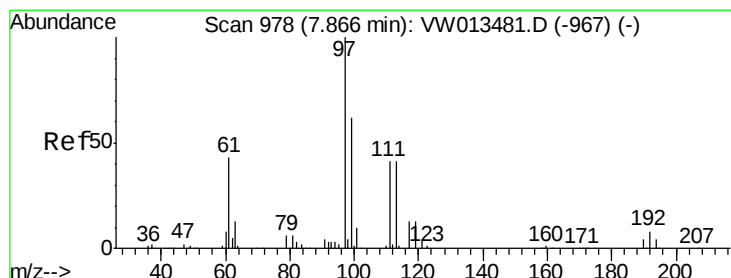
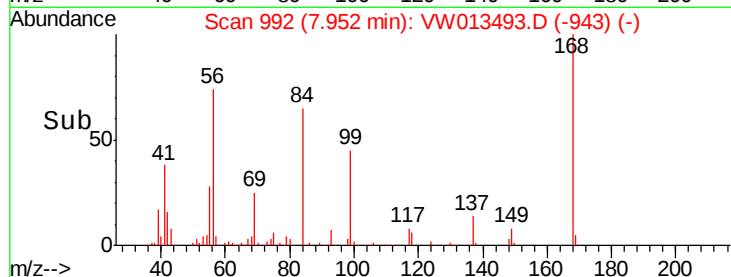
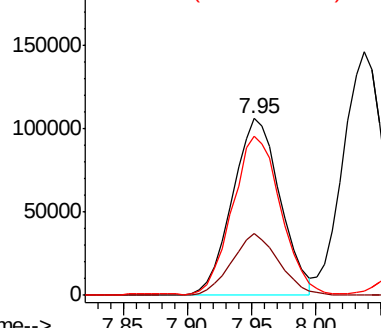
#31
Cyclohexane
Concen: 50.452 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 273731
Ion Ratio Lower Upper
56 100
69 34.7 28.0 42.0
84 89.4 71.8 107.6

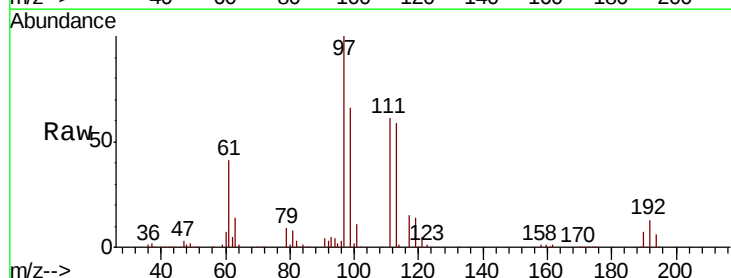


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

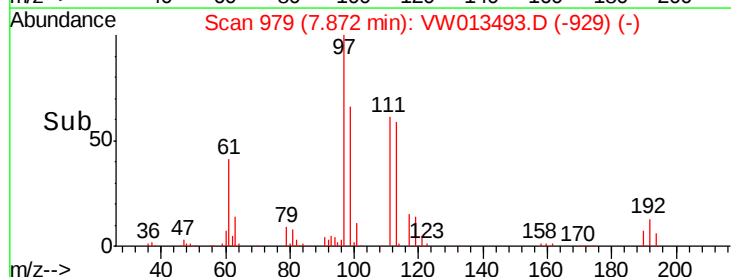
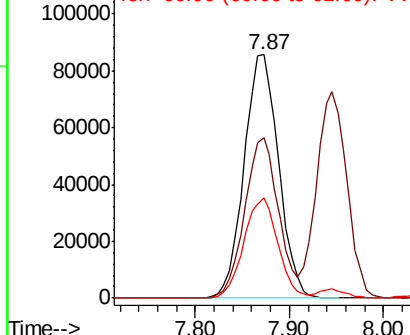


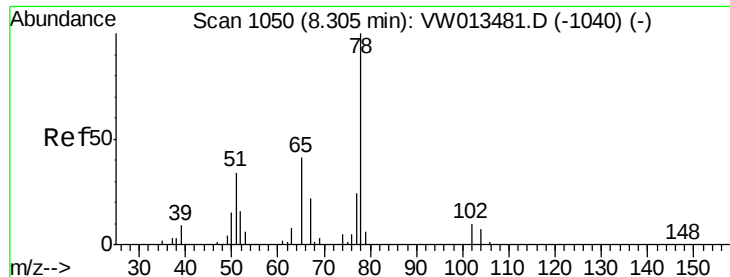
#32
1,1,1-Trichloroethane
Concen: 54.550 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 97 Resp: 219870
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 40.8 33.7 50.5



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: 54.711 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

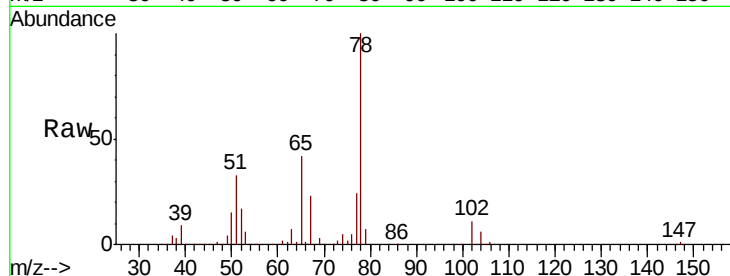
ClientSampled :

Tot Ion: 65 Resp: 141860

Ion Ratio Lower Upper

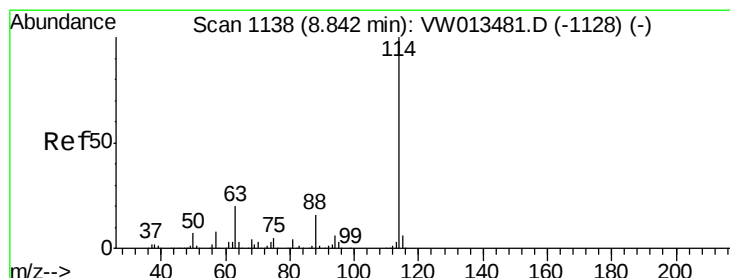
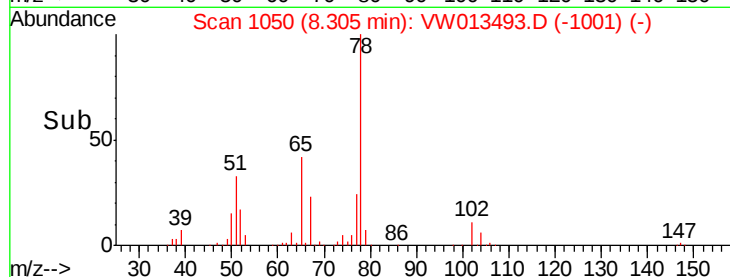
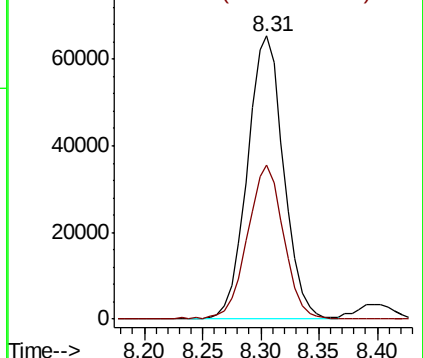
65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

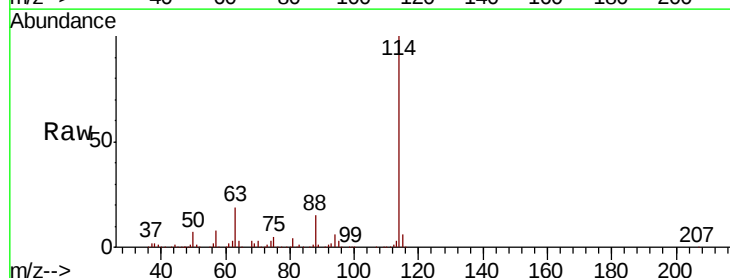
Tgt Ion: 114 Resp: 483980

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.4

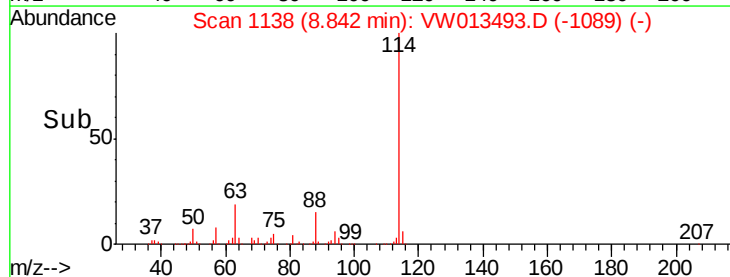
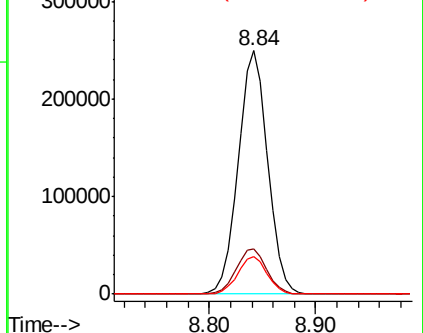
88 15.4 0.0 31.4

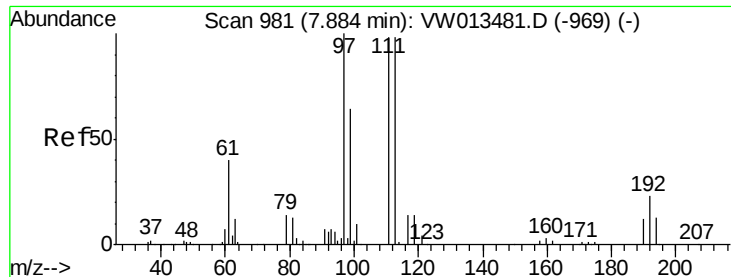


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

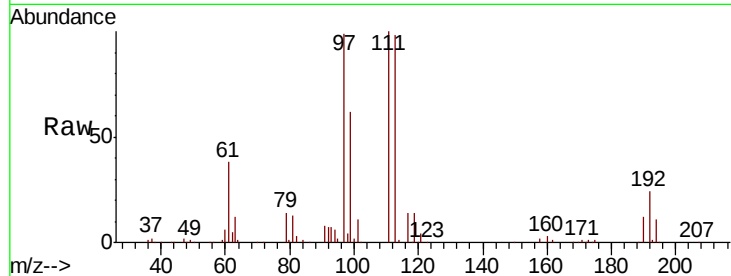




#35
 Dibromofluoromethane
 Concen: 53.514 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	24.1	19.3	28.9

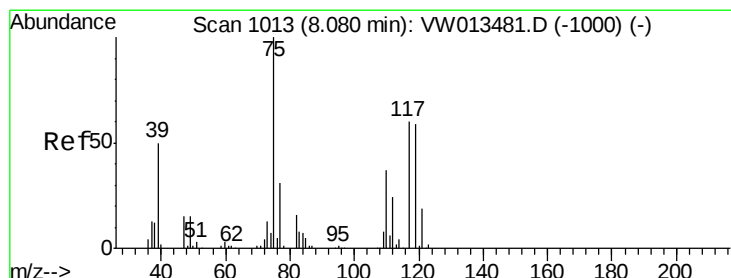
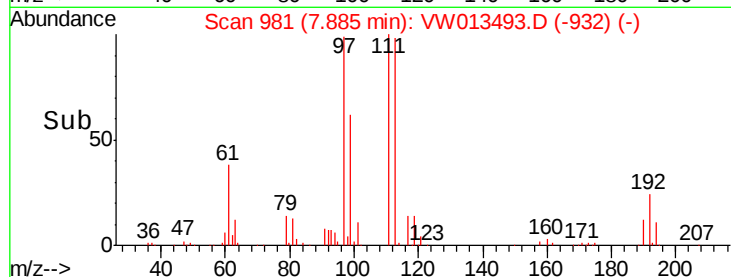
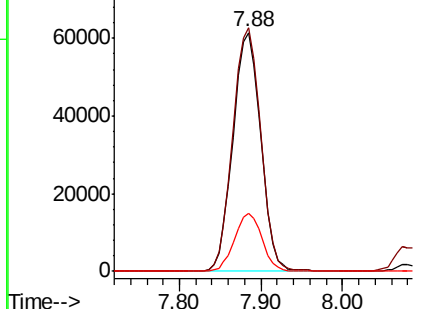


Abundance

Ion 112.80 (112.50 to 113.50): V

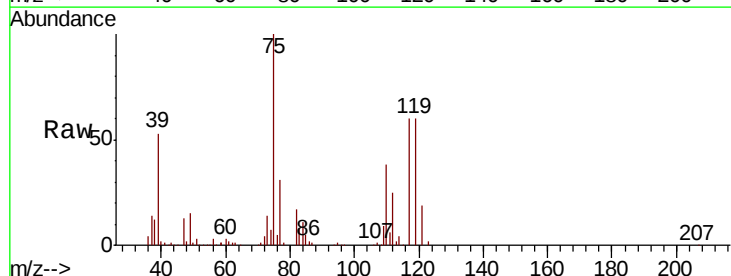
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.945 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.2
77	31.1	25.0	37.4

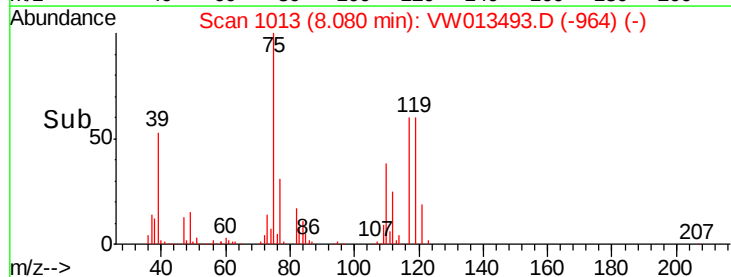
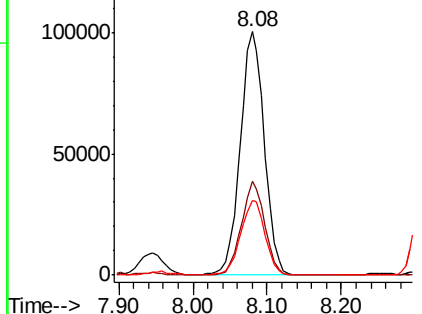


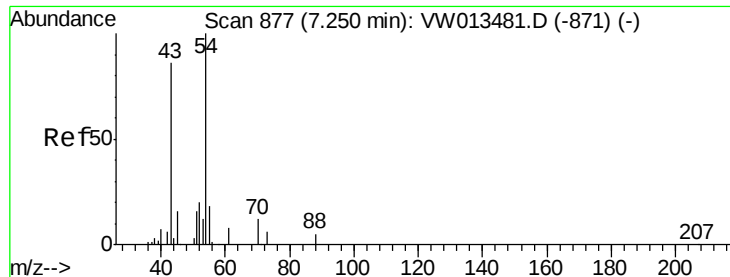
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

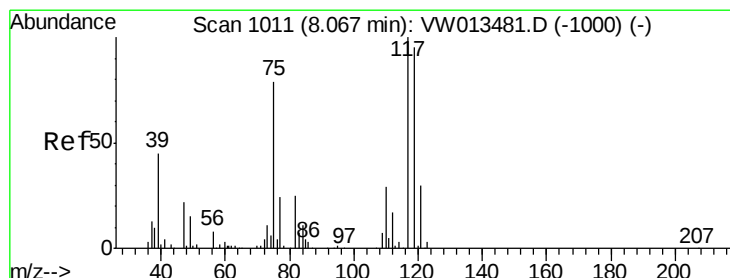
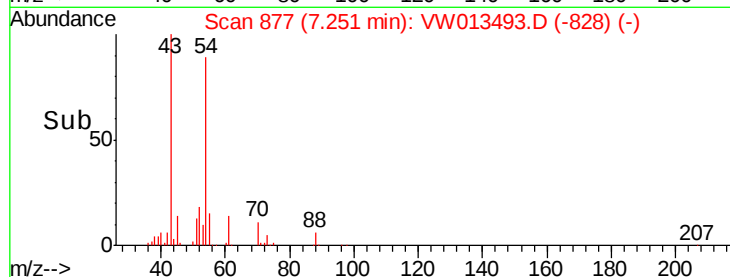
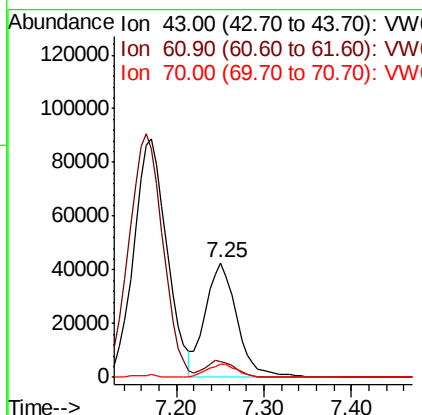
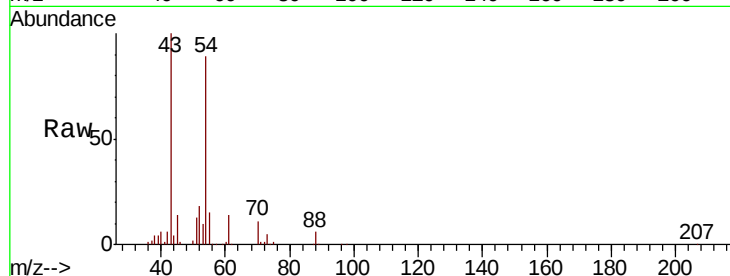




#37
Ethyl Acetate
Concen: 54.080 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

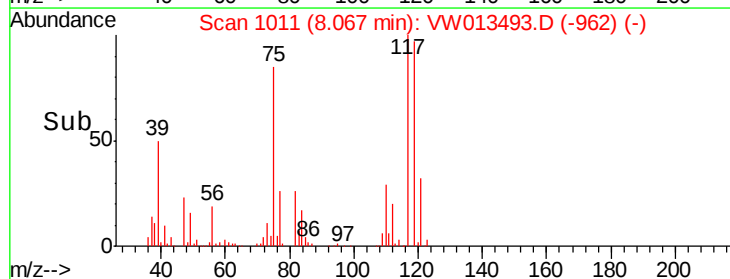
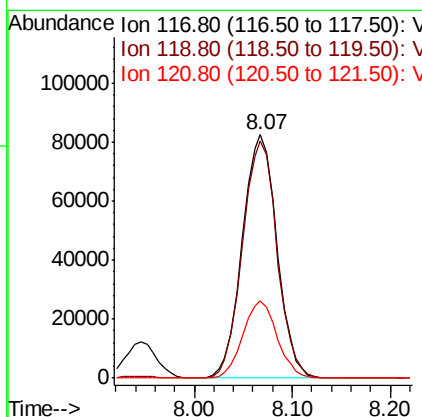
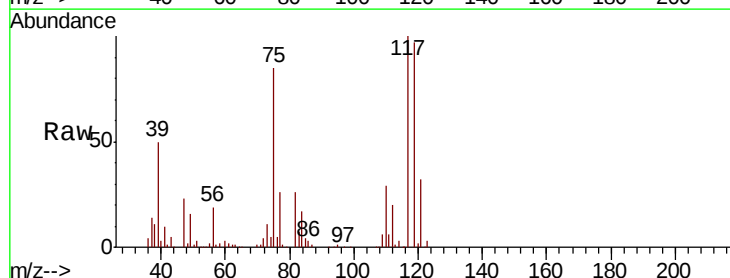
Instrument :
MSVOA_W
ClientSampled :

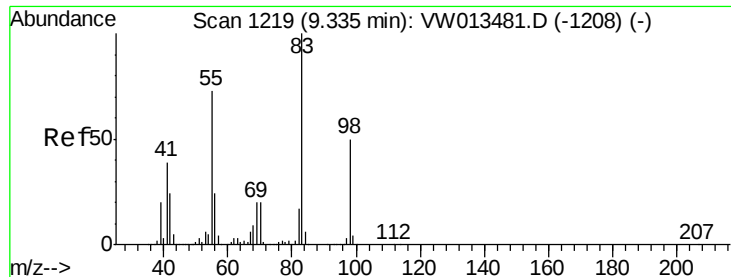
Tot Ion: 43 Resp: 107429
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 52.233 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 117 Resp: 202727
Ion Ratio Lower Upper
117 100
119 97.2 76.3 114.5
121 31.5 23.6 35.4

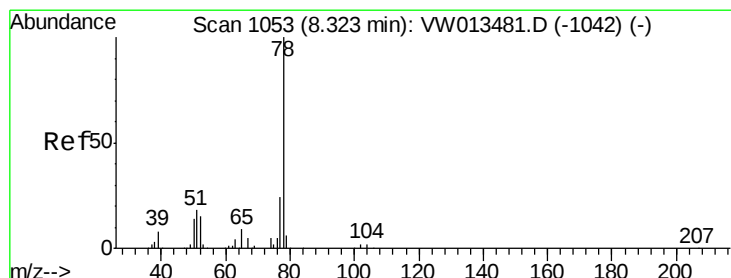
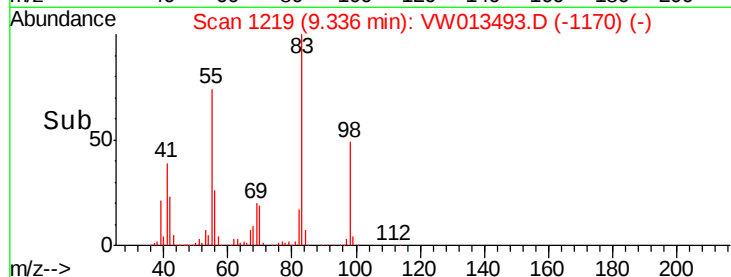
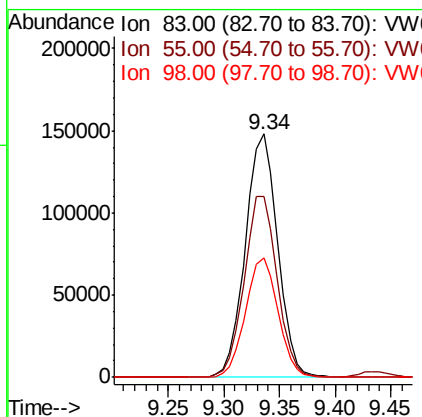
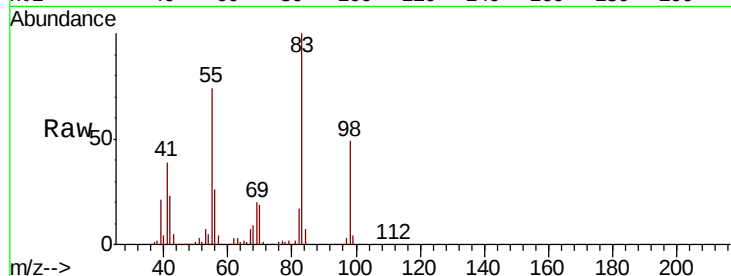




#39
Methvlcvclohexane
Concen: 53.042 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

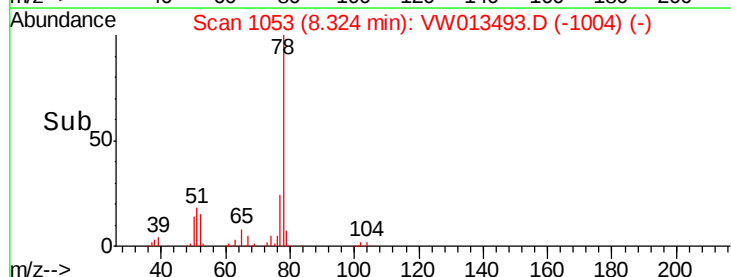
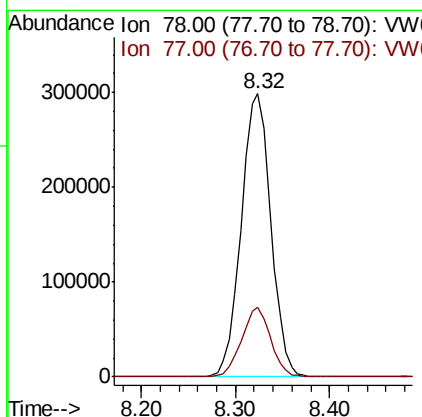
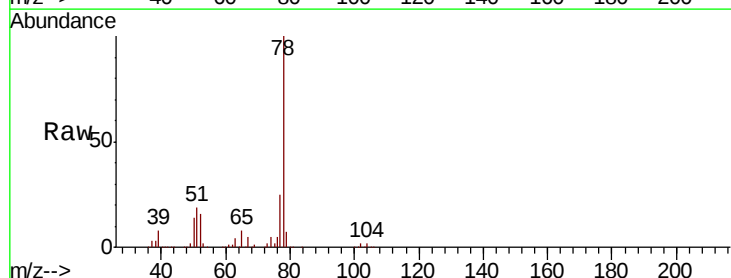
Instrument :
MSVOA_W
ClientSampled :

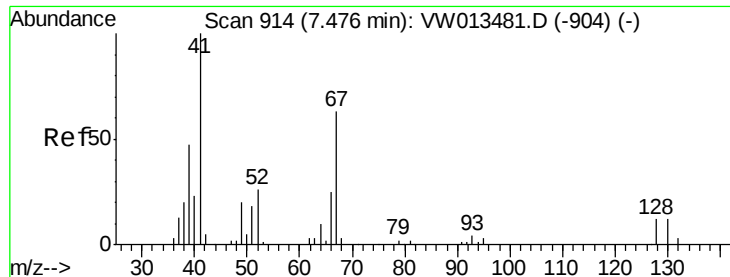
Tot Ion: 83 Resp: 300870
Ion Ratio Lower Upper
83 100
55 74.0 58.2 87.4
98 49.3 39.8 59.6



#40
Benzene
Concen: 53.833 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 78 Resp: 657927
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

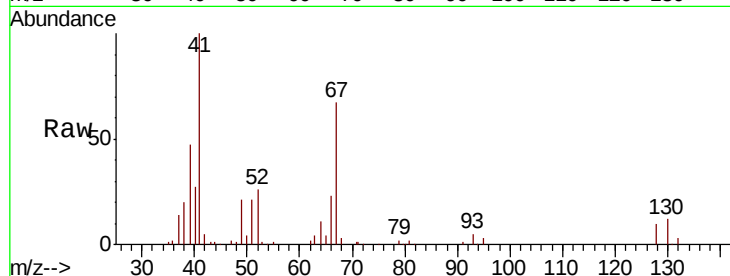




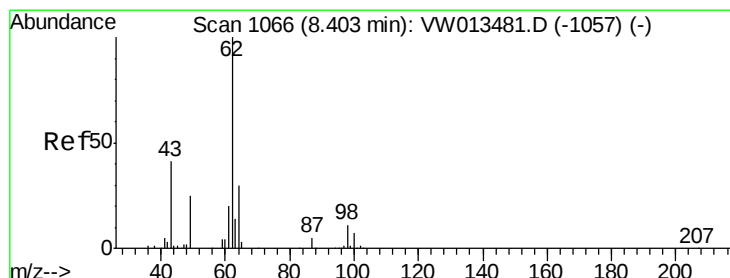
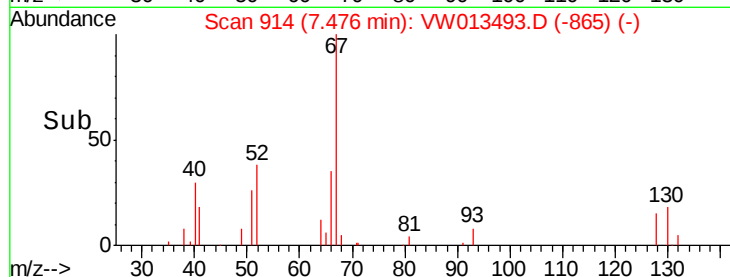
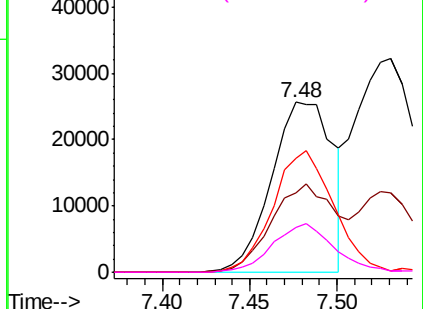
#41
Methacrylonitrile
Concen: 55.751 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	62977
Ion	Ratio	Lower	Upper
41	100		
39	55.3	39.4	59.0
67	71.4	57.0	85.6
52	28.8	22.4	33.6

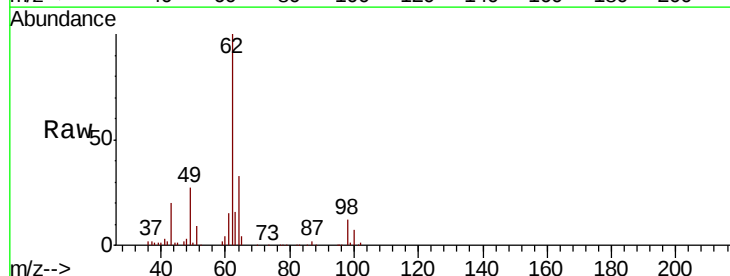


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

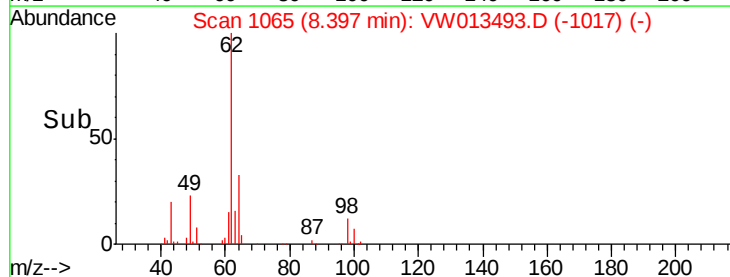
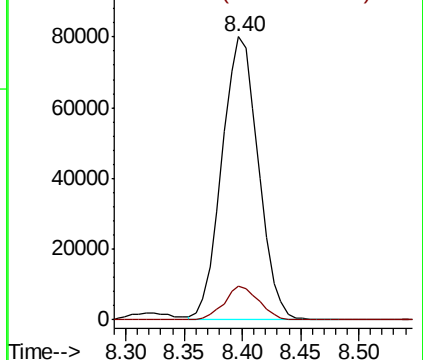


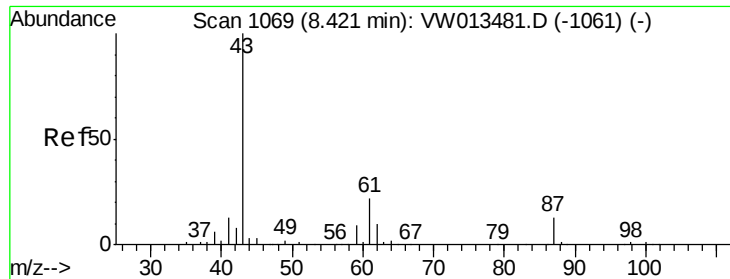
#42
1,2-Dichloroethane
Concen: 56.299 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion:	62	Resp:	173915
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.296 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

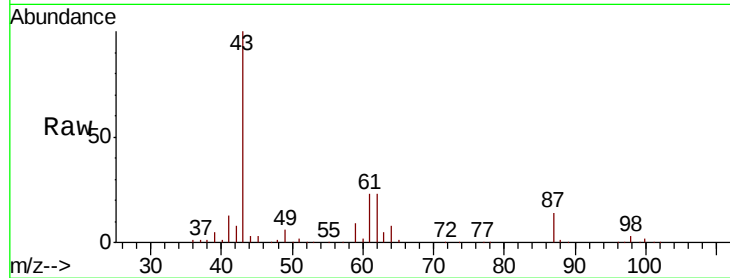
Tot Ion: 43 Resp: 202039

Ion Ratio Lower Upper

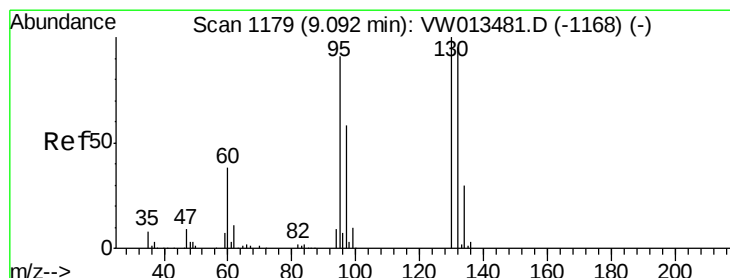
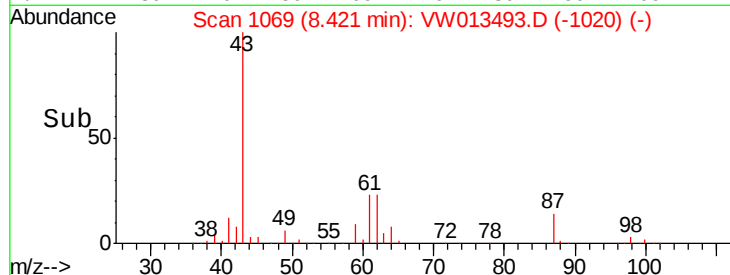
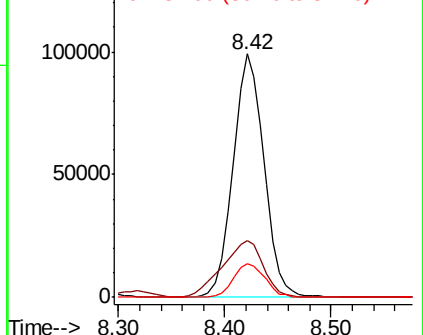
43 100

61 30.7 25.4 38.2

87 14.1 10.8 16.2



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



#44

Trichloroethene

Concen: 53.949 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013493.D

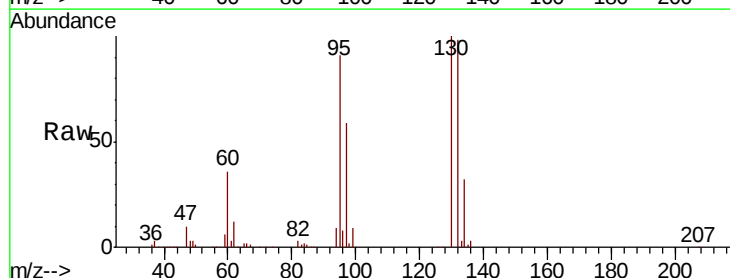
Acq: 08 Oct 2019 18:29

Tgt Ion:130 Resp: 188096

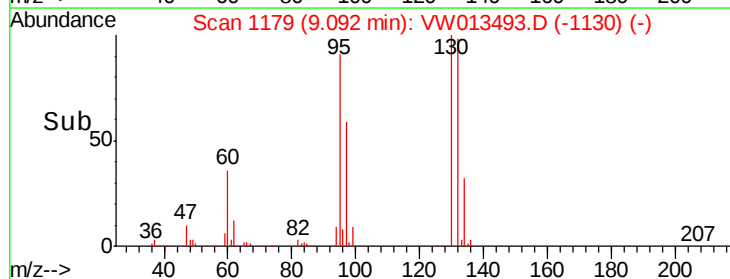
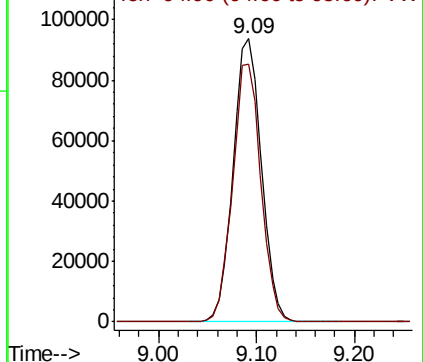
Ion Ratio Lower Upper

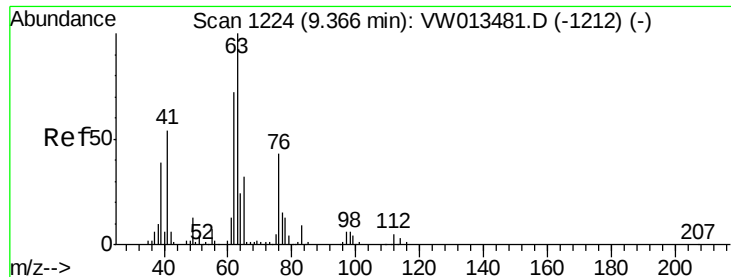
130 100

95 91.3 0.0 182.2



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

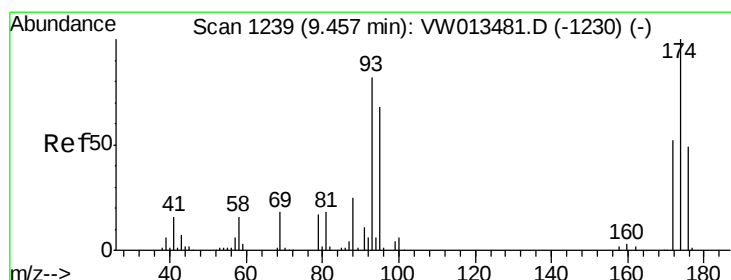
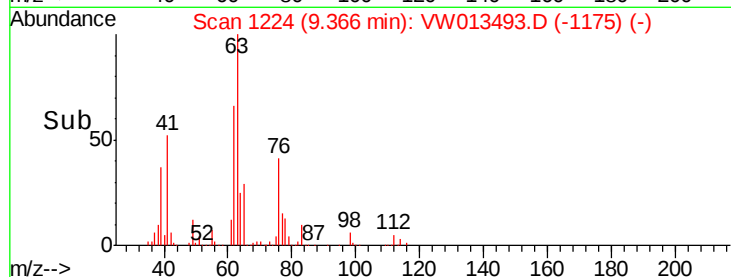
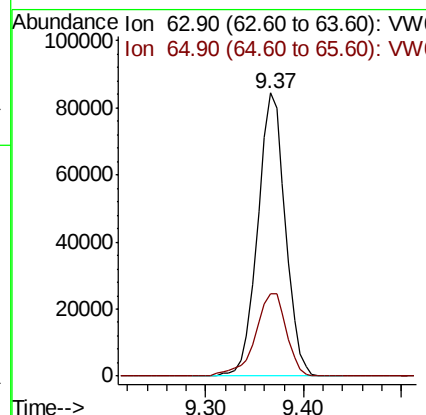
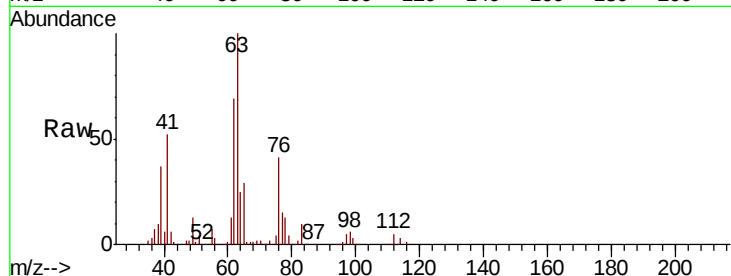




#45
 1,2-Dichloropropane
 Concen: 56.181 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

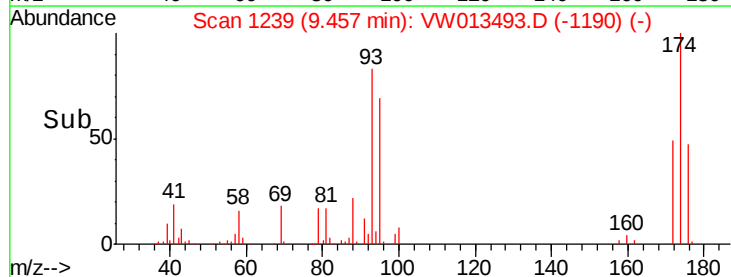
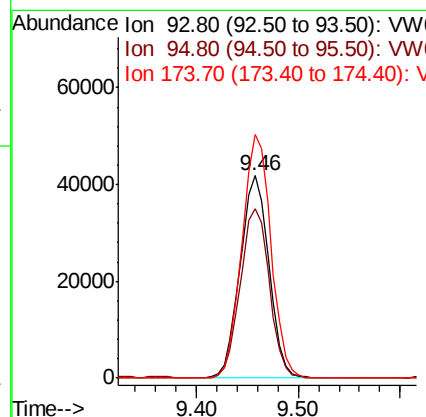
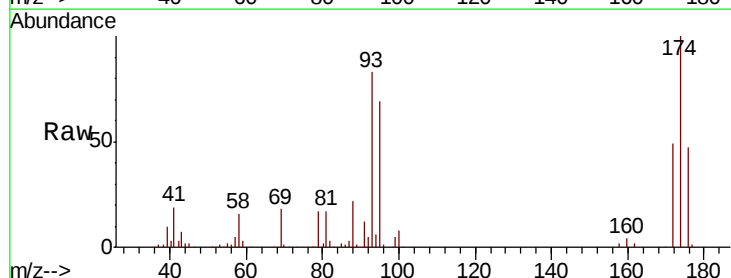
Instrument :
 MSVOA_W
 ClientSampleId :

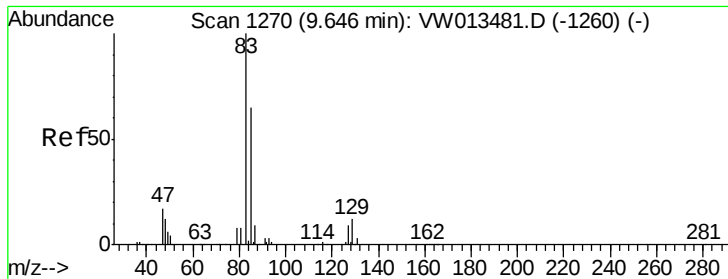
Tot Ion: 63 Resp: 164801
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.8 38.6



#46
 Dibromomethane
 Concen: 55.914 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion: 93 Resp: 81711
 Ion Ratio Lower Upper
 93 100
 95 84.8 68.0 102.0
 174 121.6 97.0 145.6





#47

Bromodichloromethane

Concen: 57.127 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampled :

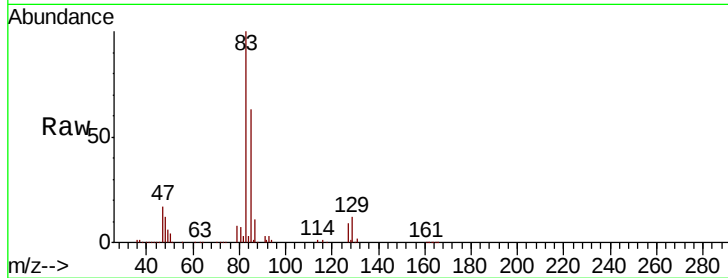
Tot Ion: 83 Resp: 207524

Ion Ratio Lower Upper

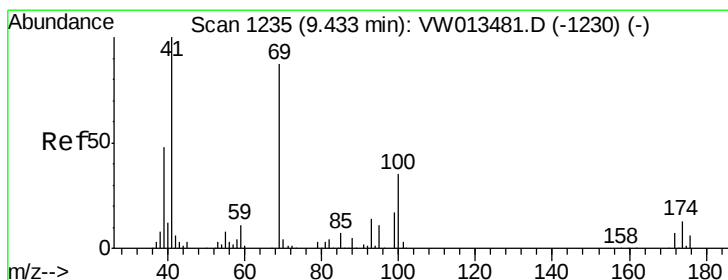
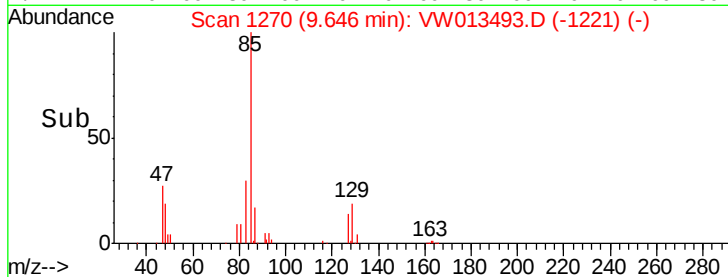
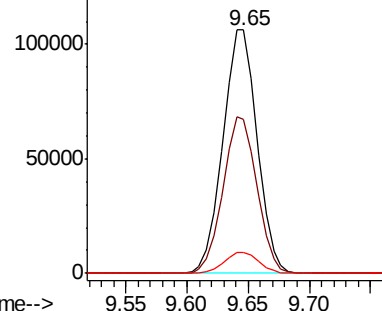
83 100

85 63.2 51.9 77.9

127 8.7 7.4 11.2



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



#48

Methyl methacrylate

Concen: 53.236 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

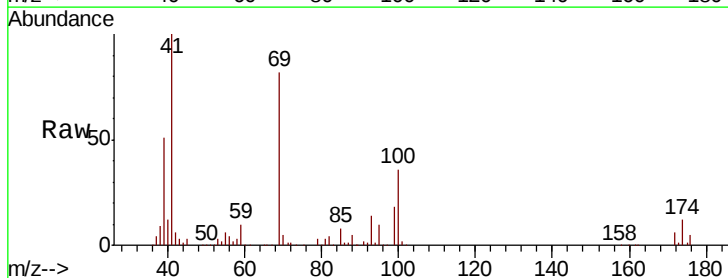
Tgt Ion: 41 Resp: 94110

Ion Ratio Lower Upper

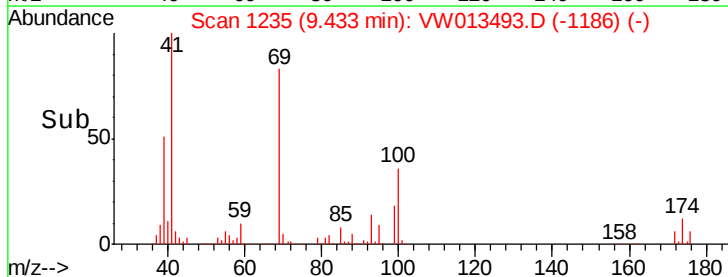
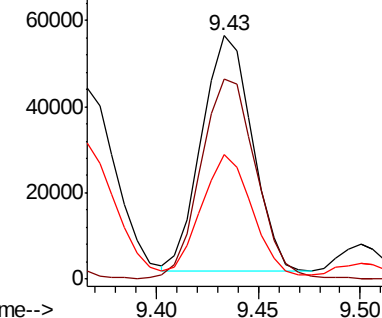
41 100

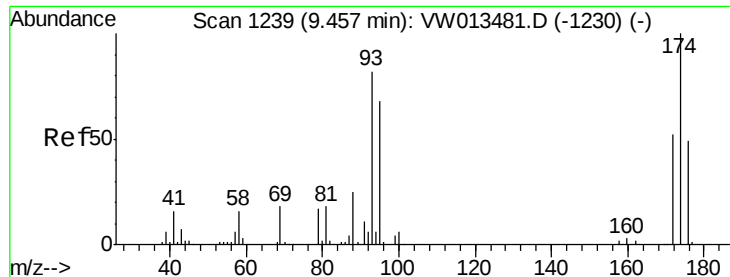
69 92.3 70.4 105.6

39 50.0 37.3 55.9



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: 958.538 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampled :

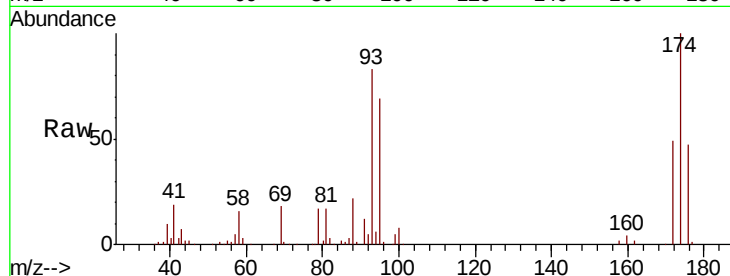
Tot Ion: 88 Resp: 24596

Ion Ratio Lower Upper

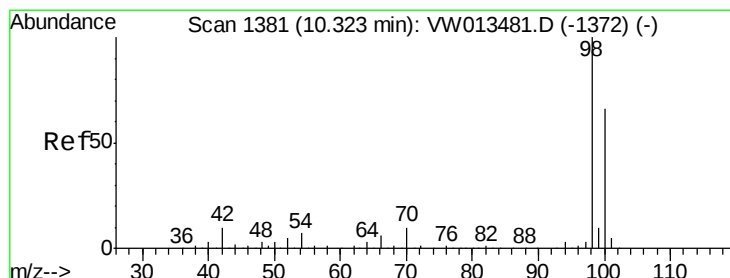
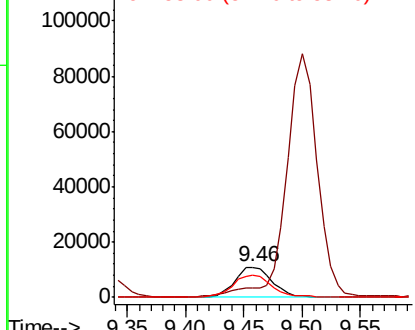
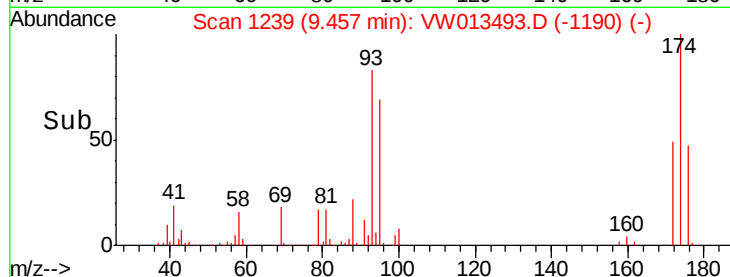
88 100

43 0.0 0.0 0.0

58 75.8 60.0 90.0



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



#50

Toluene-d8

Concen: 52.757 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013493.D

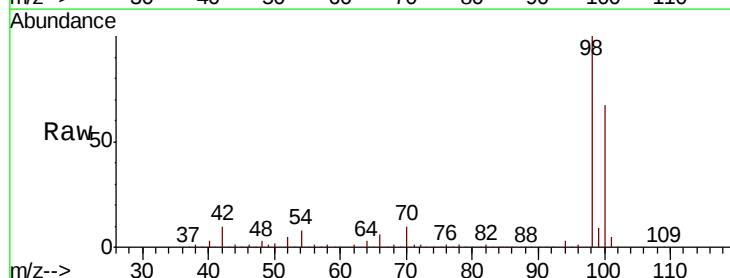
Acq: 08 Oct 2019 18:29

Tgt Ion: 98 Resp: 599308

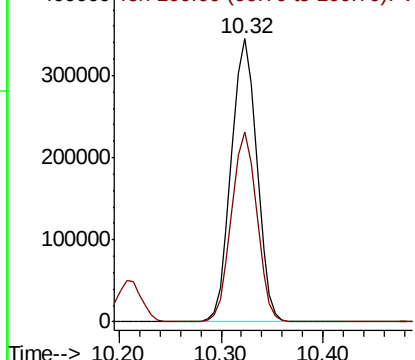
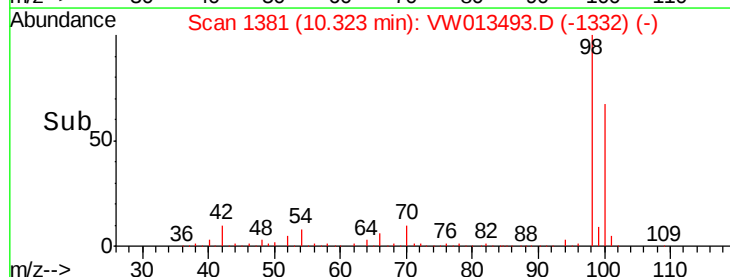
Ion Ratio Lower Upper

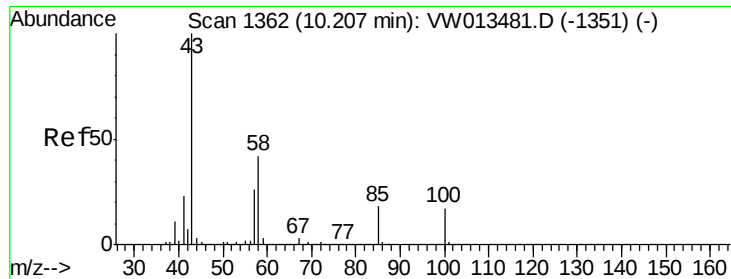
98 100

100 66.5 53.2 79.8



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





#51

4-Methyl-2-Pentanone

Concen: 274.472 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

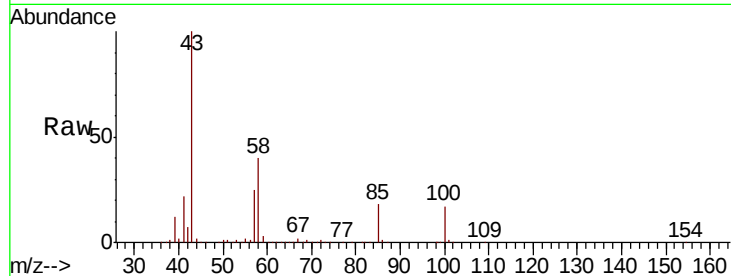
ClientSampleId :

Tot Ion: 43 Resp: 517873

Ion Ratio Lower Upper

43 100

58 41.0 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

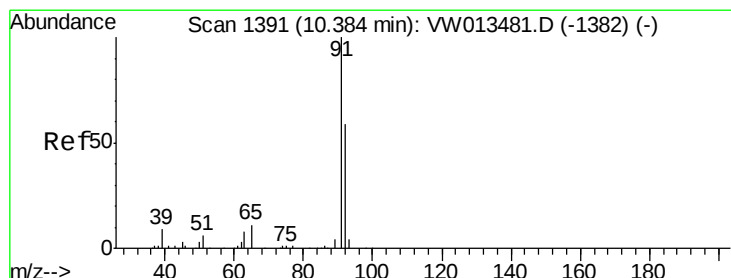
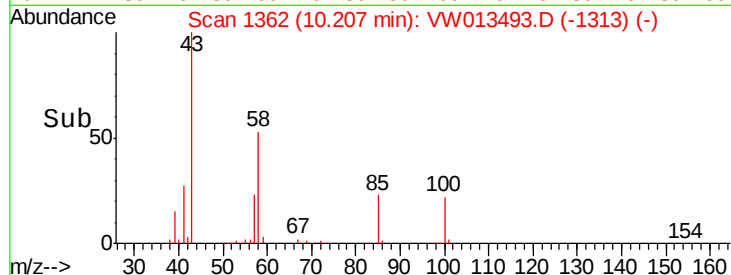
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.825 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013493.D

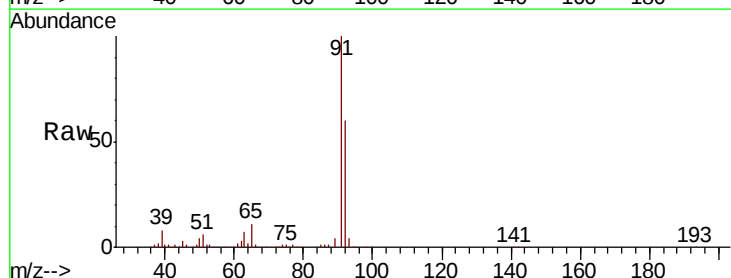
Acq: 08 Oct 2019 18:29

Tgt Ion: 92 Resp: 431614

Ion Ratio Lower Upper

92 100

91 169.2 134.8 202.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

500000

400000

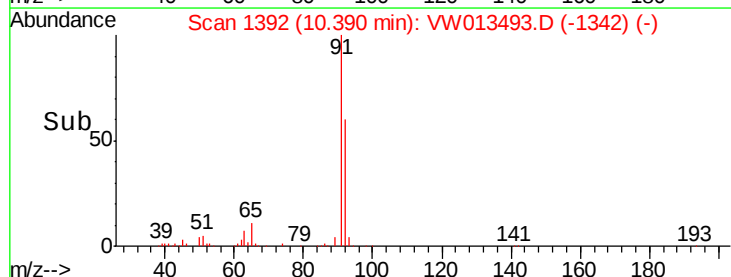
300000

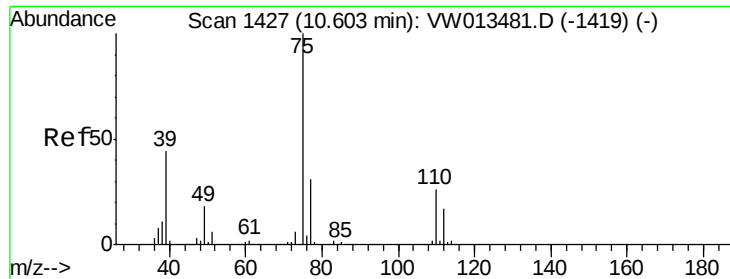
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 58.159 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

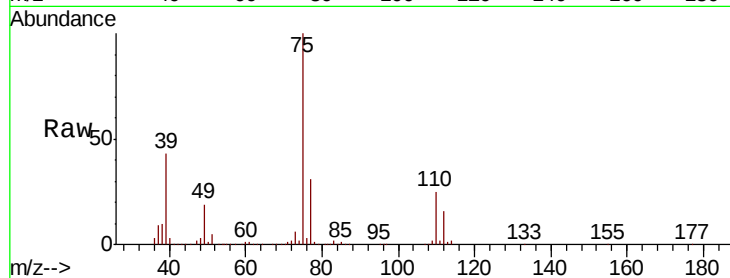
ClientSampleId :

Tot Ion: 75 Resp: 219534

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

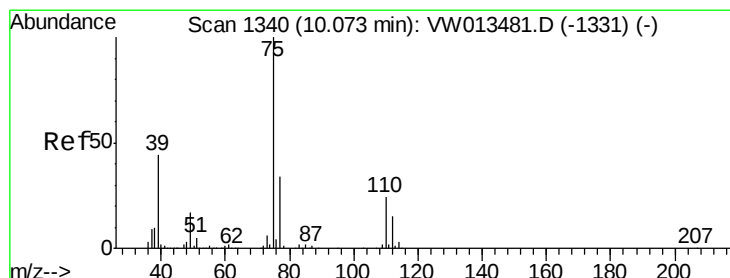
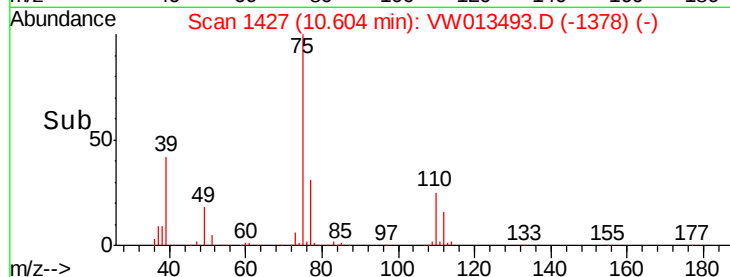
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 56.976 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

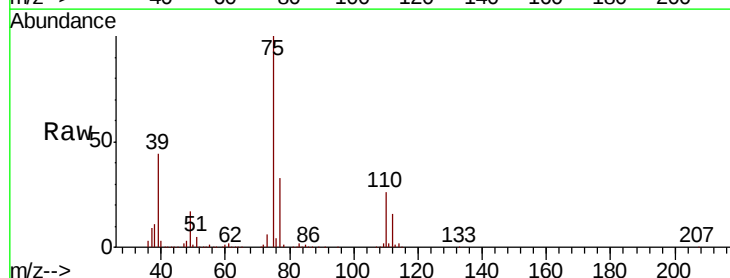
Tgt Ion: 75 Resp: 260559

Ion Ratio Lower Upper

75 100

77 32.9 27.0 40.4

39 43.7 35.0 52.4



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

10.07

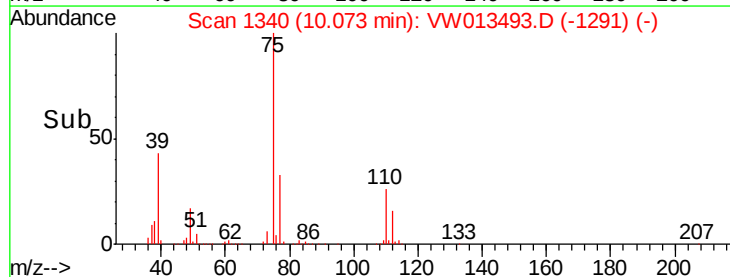
150000

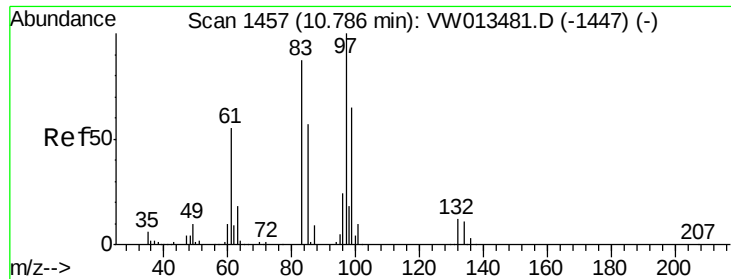
100000

50000

0

Time--> 10.00 10.10

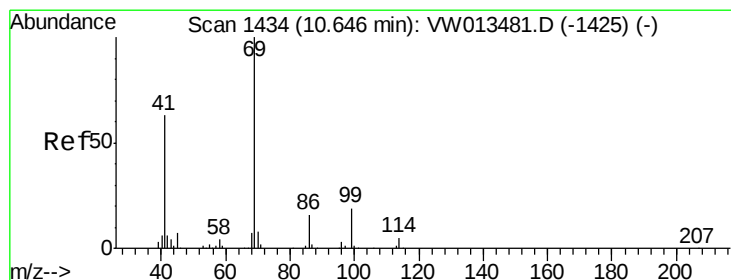
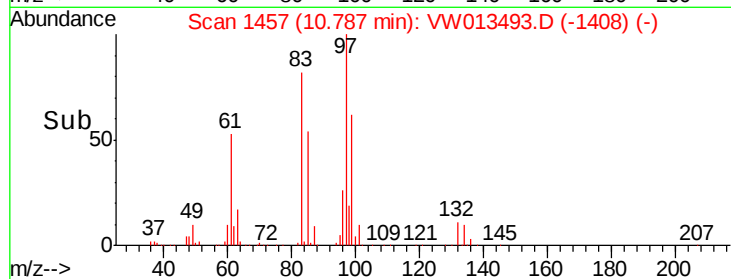
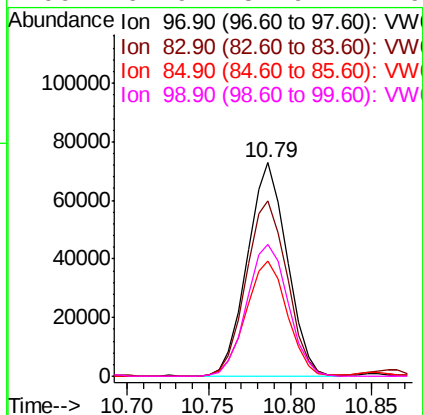
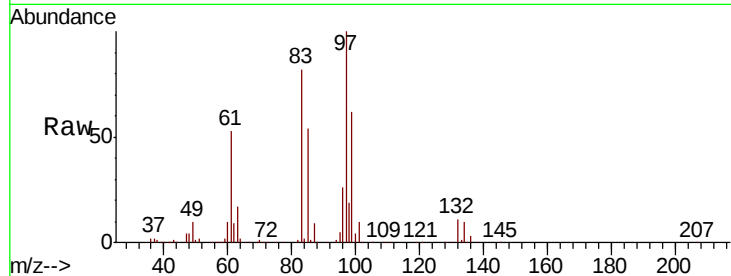




#55
 1,1,2-Trichloroethane
 Concen: 56.346 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

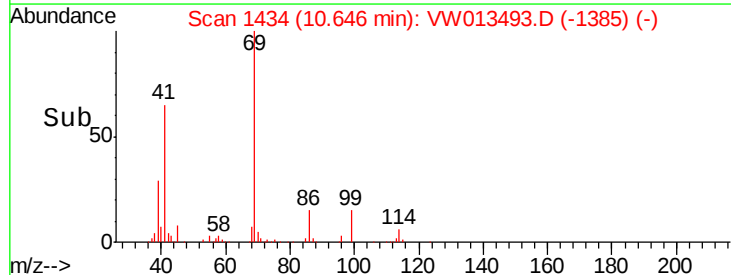
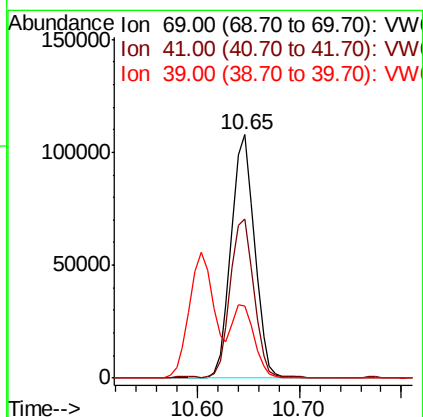
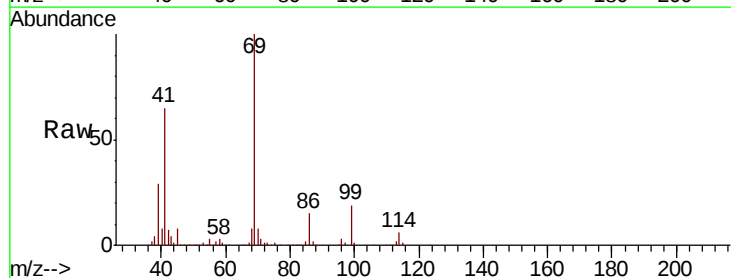
Instrument :
 MSVOA_W
 ClientSampleId :

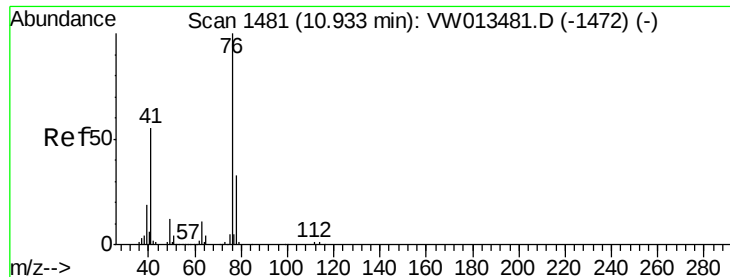
Tot Ion:	97	Resp:	123595
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.8	104.8
85	53.7	45.4	68.0
99	61.9	51.9	77.9



#56
 Ethyl methacrylate
 Concen: 58.099 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion:	69	Resp:	171643
Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.8	77.6
39	28.2	21.7	32.5

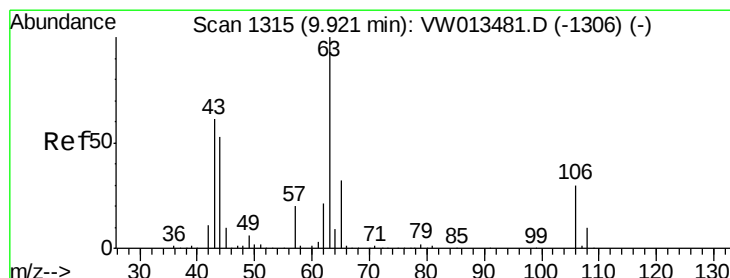
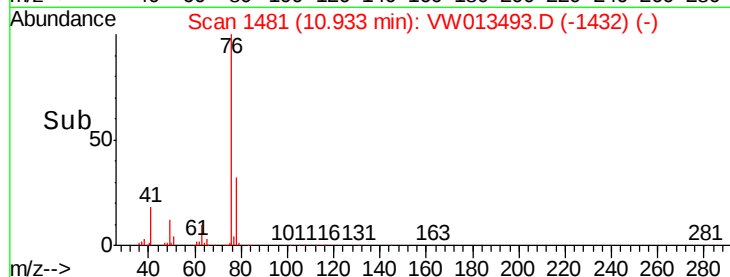
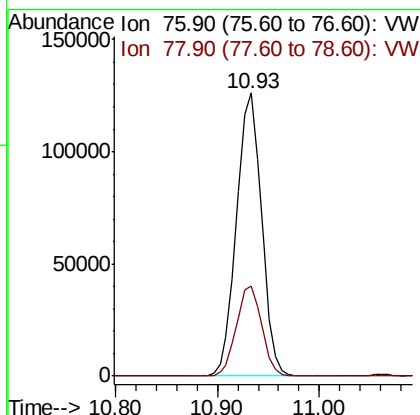
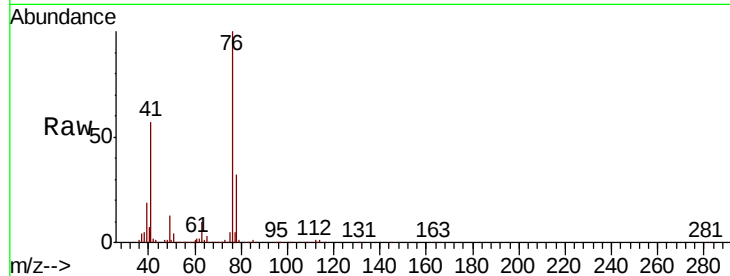




#57
 1,3-Dichloropropane
 Concen: 56.845 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

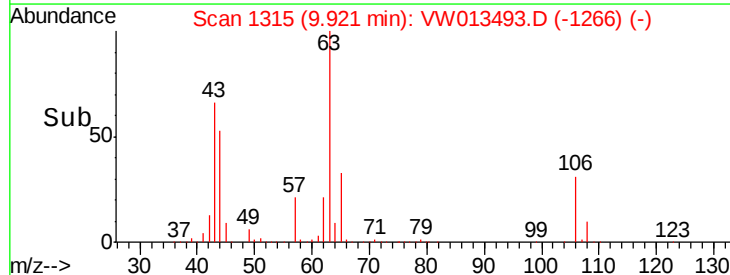
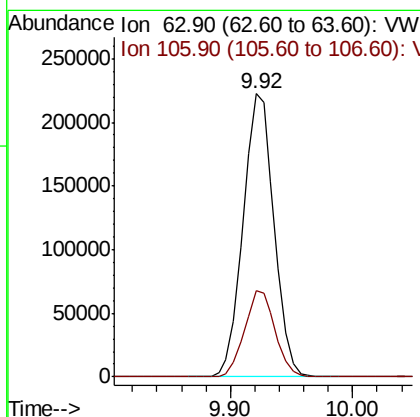
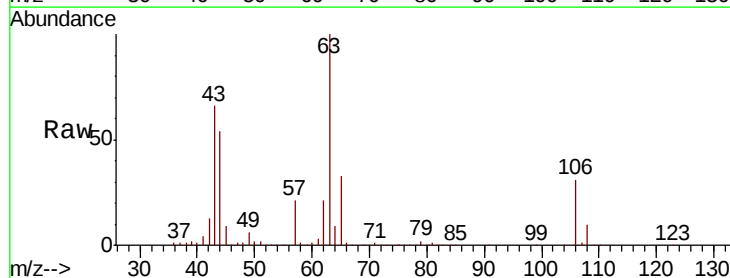
Instrument :
 MSVOA_W
 ClientSampleId :

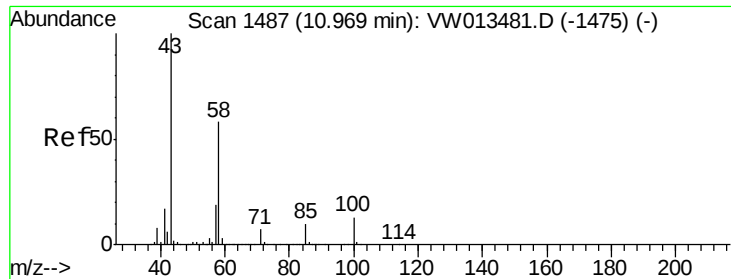
Tot Ion: 76 Resp: 214107
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.225 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion: 63 Resp: 389178
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.5 36.7

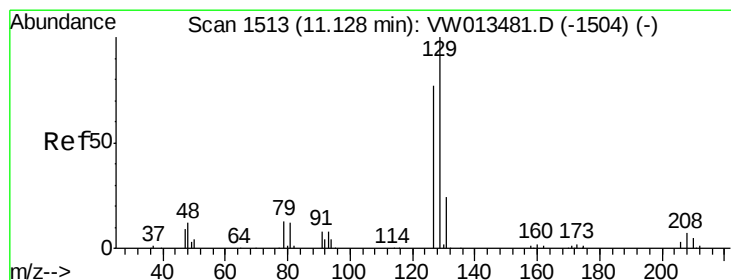
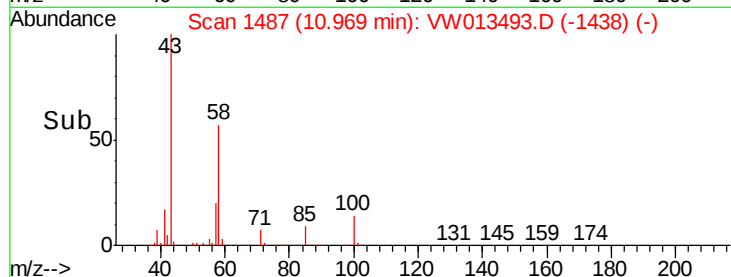
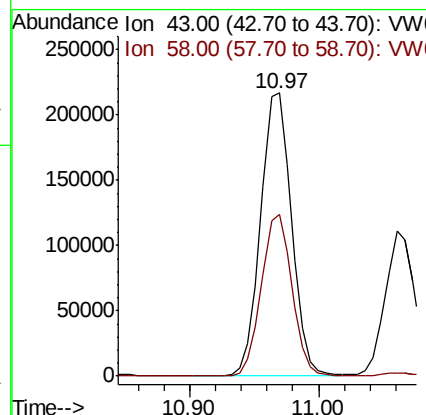
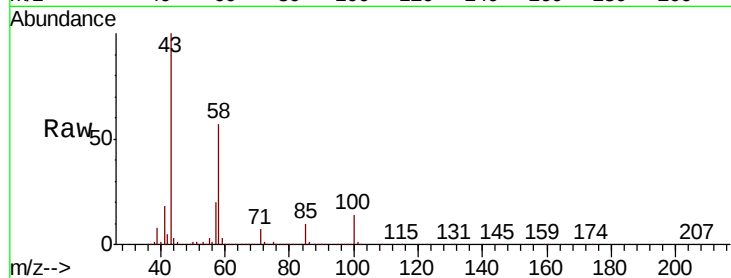




#59
2-Hexanone
Concen: 278.600 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

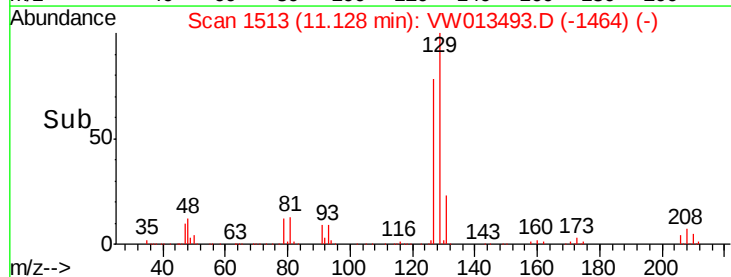
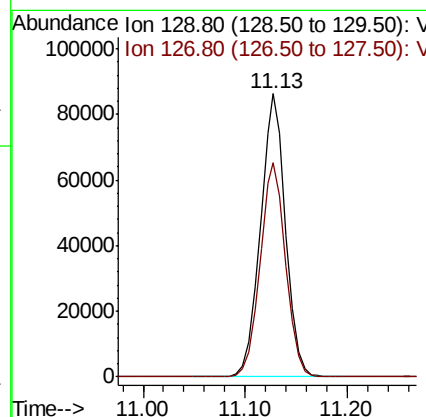
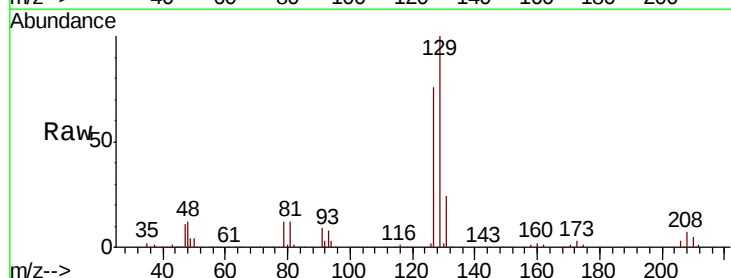
Instrument :
MSVOA_W
ClientSampleId :

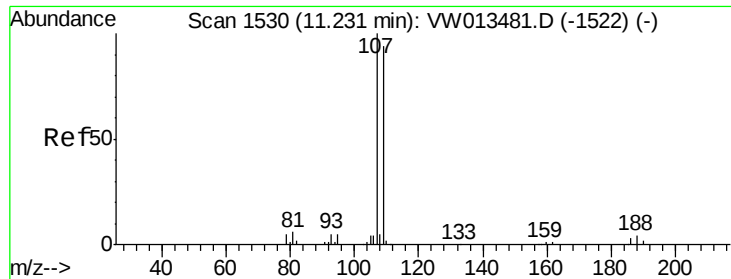
Tot Ion: 43 Resp: 360456
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.2



#60
Dibromochloromethane
Concen: 58.361 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 129 Resp: 147217
Ion Ratio Lower Upper
129 100
127 76.7 37.4 112.1

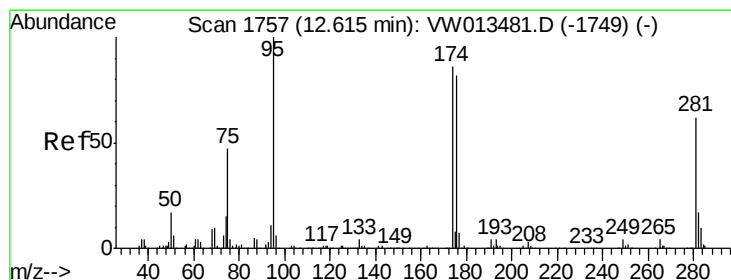
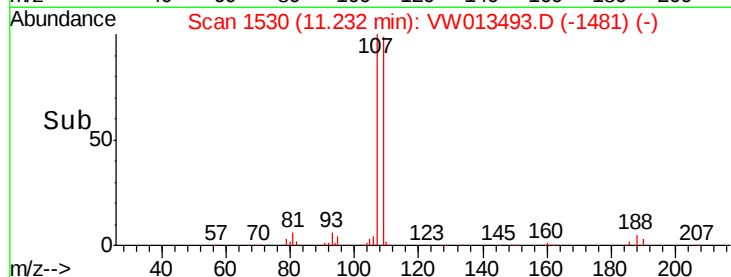
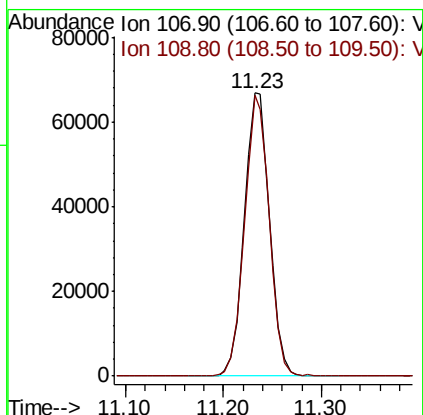
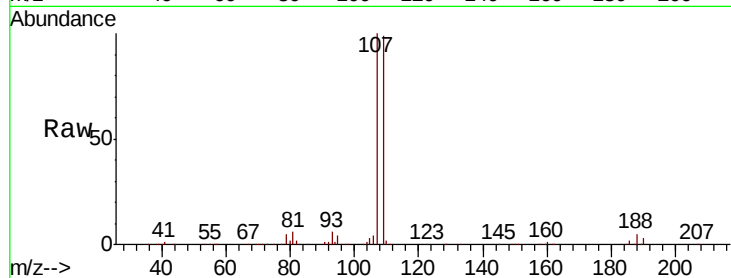




#61
 1,2-Dibromoethane
 Concen: 57.087 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

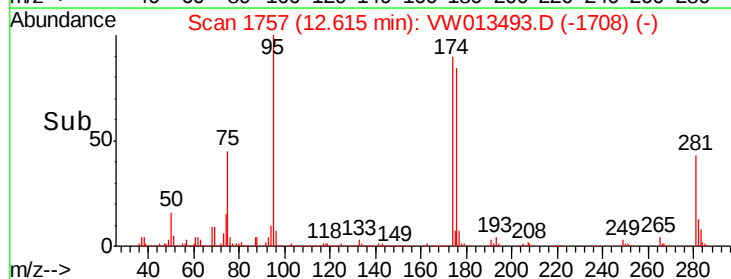
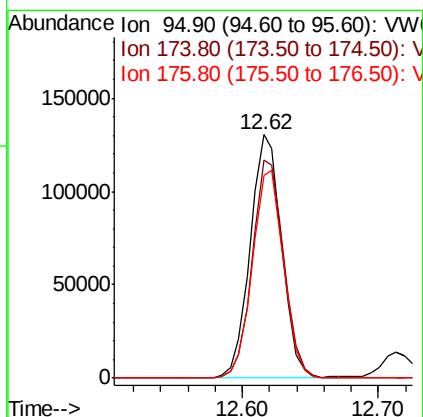
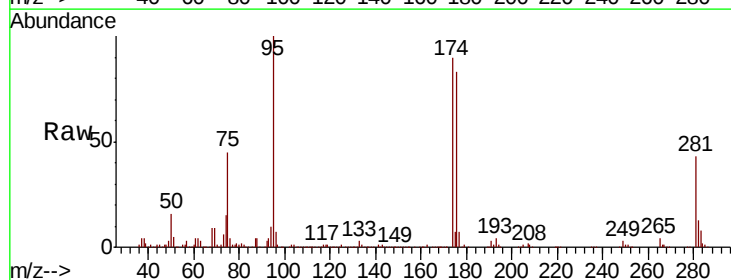
Instrument :
 MSVOA_W
 ClientSampleId :

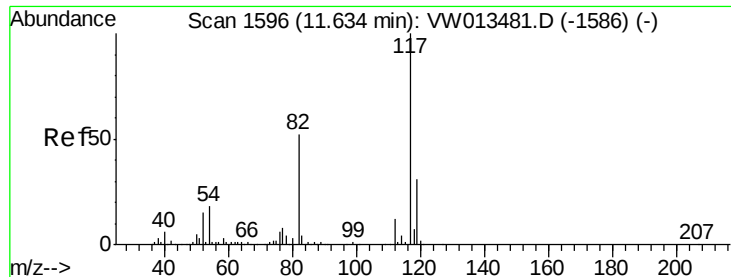
Tot Ion:107 Resp: 119103
 Ion Ratio Lower Upper
 107 100
 109 96.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 55.301 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion: 95 Resp: 211033
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 177.4
 176 85.3 0.0 173.4

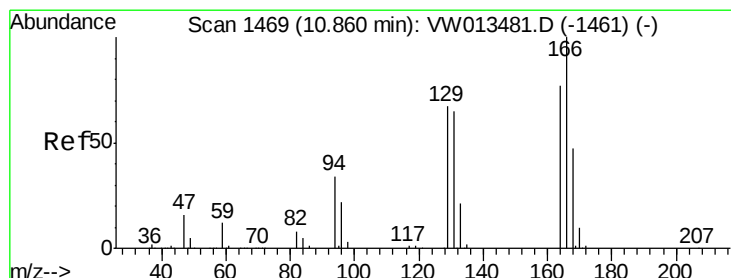
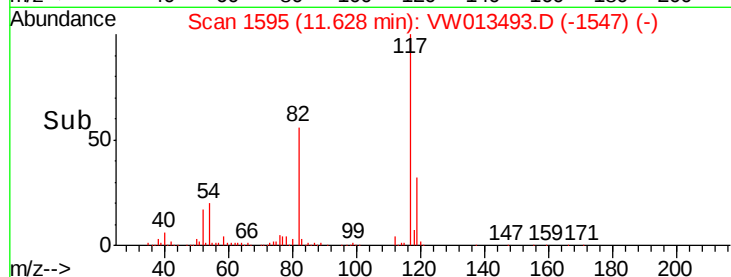
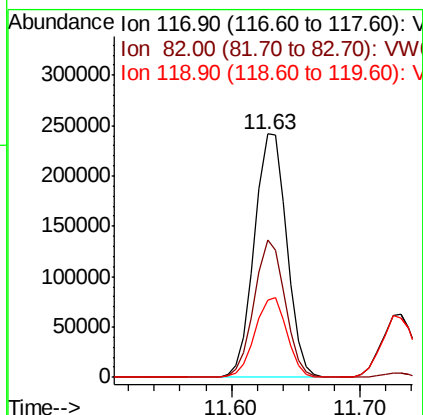
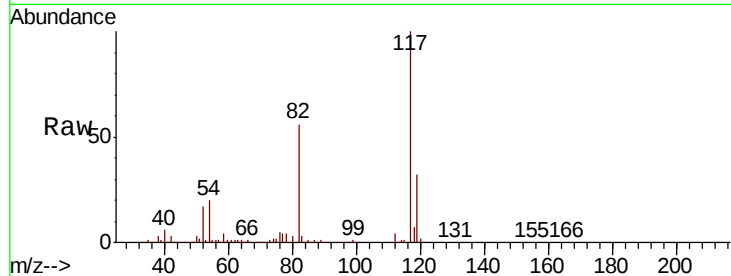




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

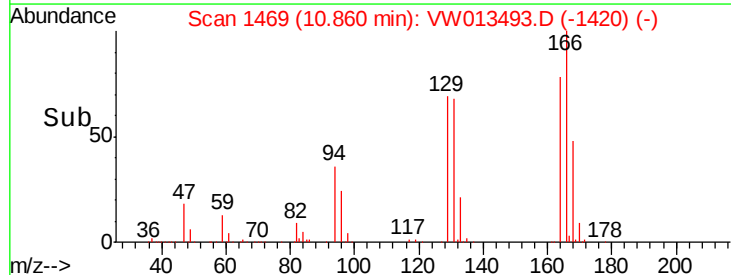
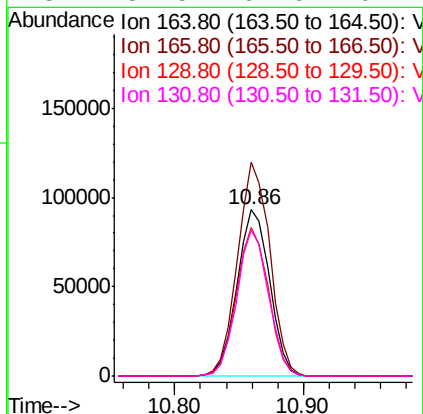
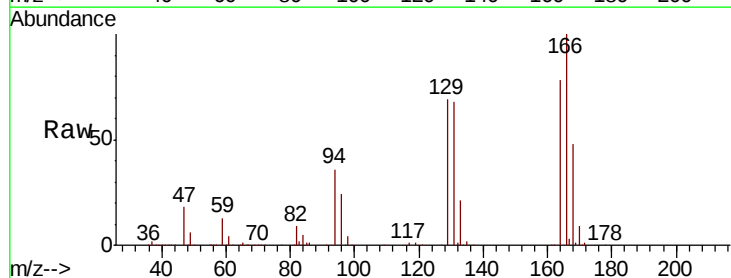
Instrument :
MSVOA_W
ClientSampleId :

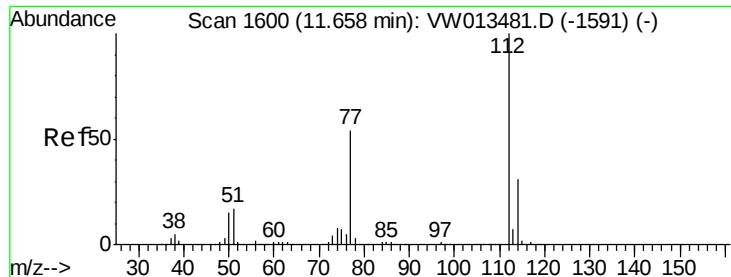
Tot Ion:117 Resp: 419488
Ion Ratio Lower Upper
117 100
82 56.3 41.4 62.2
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 52.742 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion:164 Resp: 162836
Ion Ratio Lower Upper
164 100
166 128.6 104.6 156.8
129 89.3 70.2 105.2
131 87.5 67.6 101.4

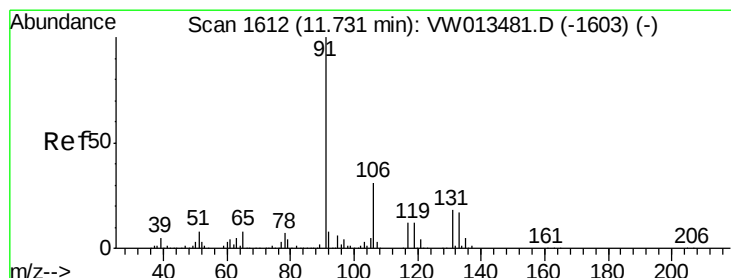
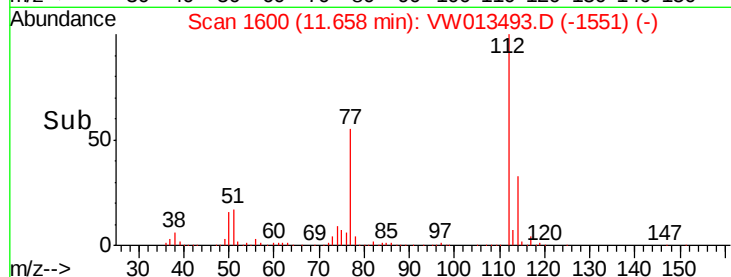
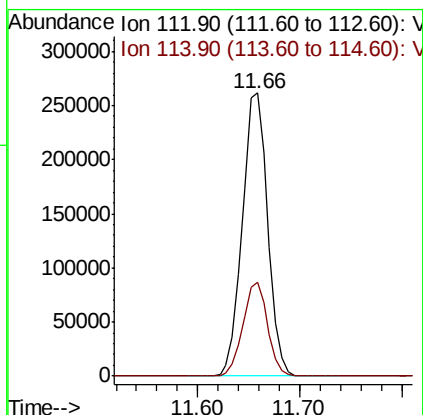
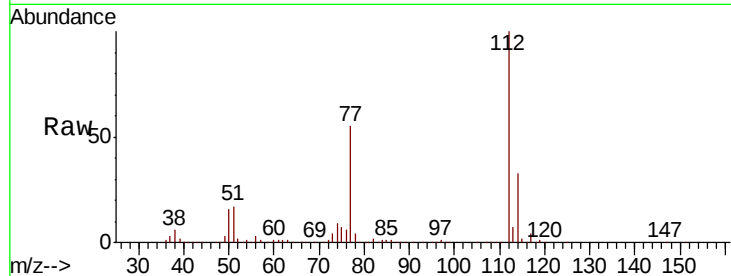




#65
Chlorobenzene
Concen: 54.073 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

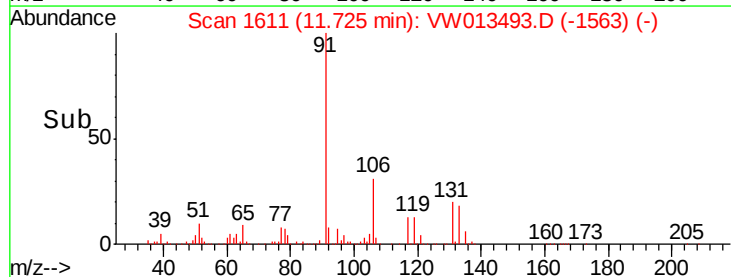
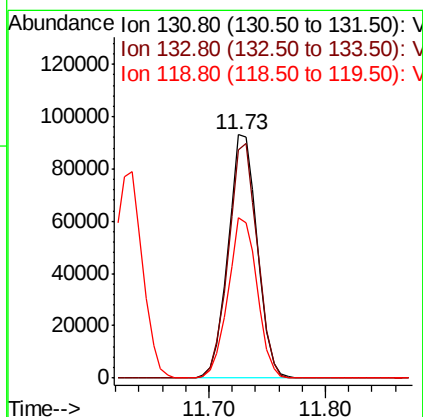
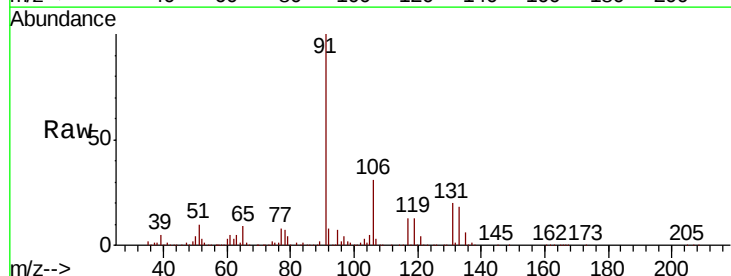
Instrument :
MSVOA_W
ClientSampleId :

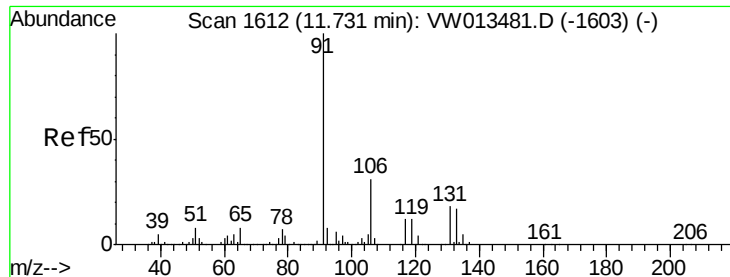
Tot Ion:112 Resp: 450718
Ion Ratio Lower Upper
112 100
114 33.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.889 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion:131 Resp: 161825
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 65.7 32.6 98.0

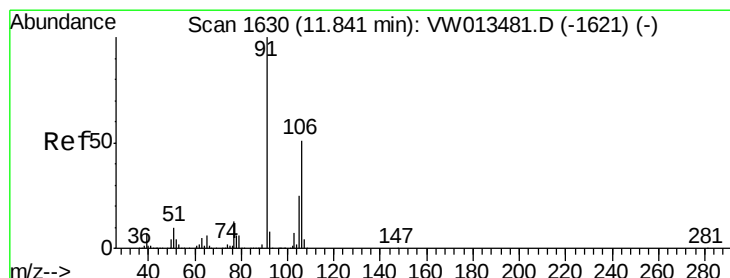
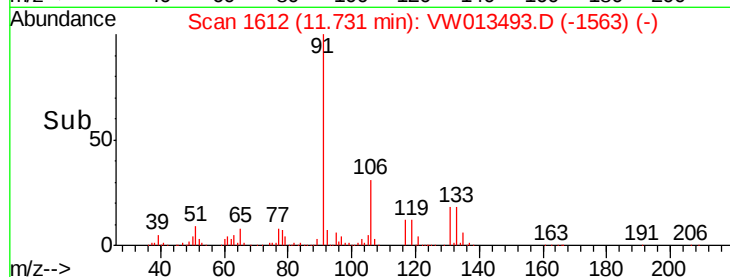
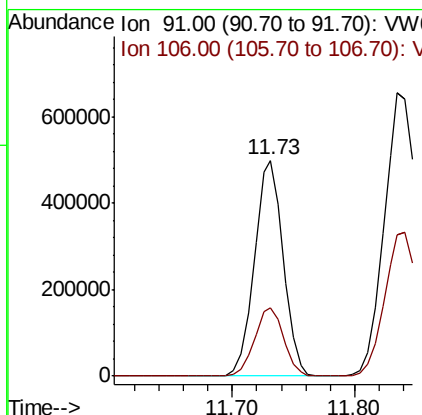
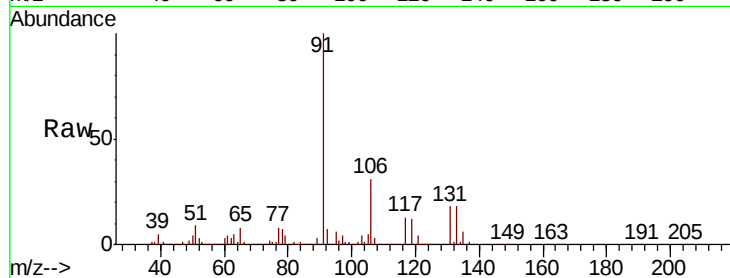




#67
Ethyl Benzene
Concen: 53.537 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

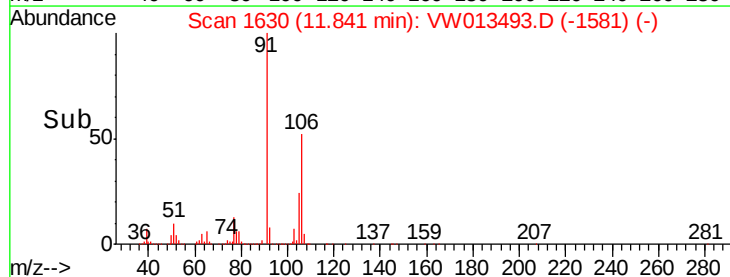
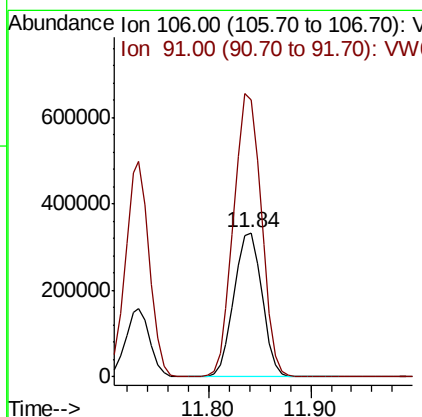
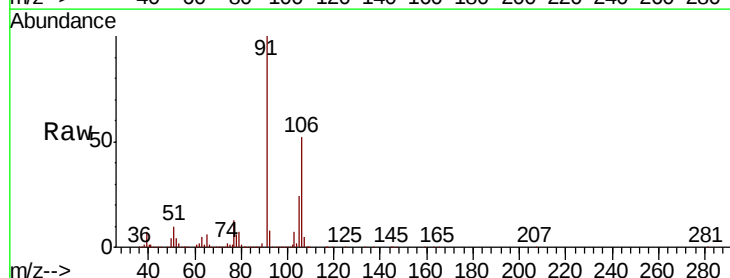
Instrument :
MSVOA_W
ClientSampleId :

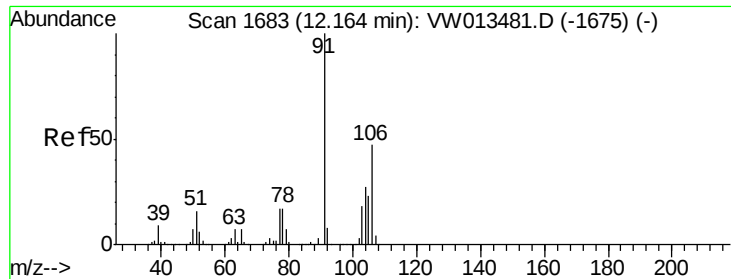
Tot Ion: 91 Resp: 815632
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2



#68
m/p-Xylenes
Concen: 109.126 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 106 Resp: 632571
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4

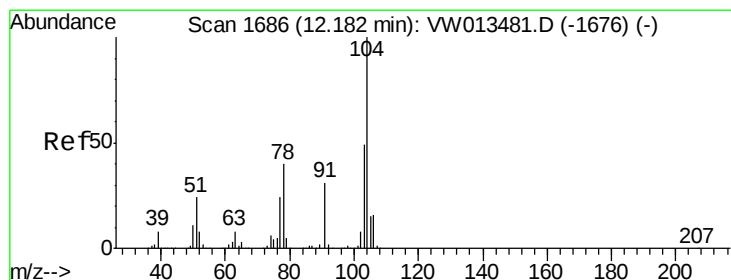
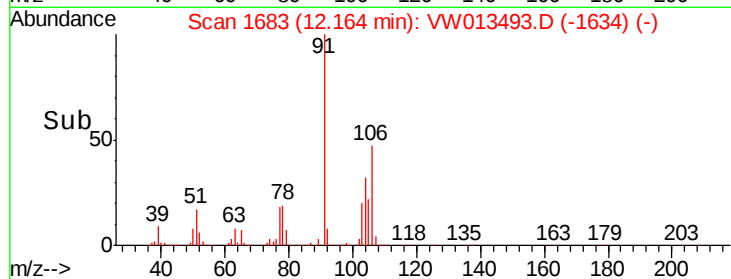
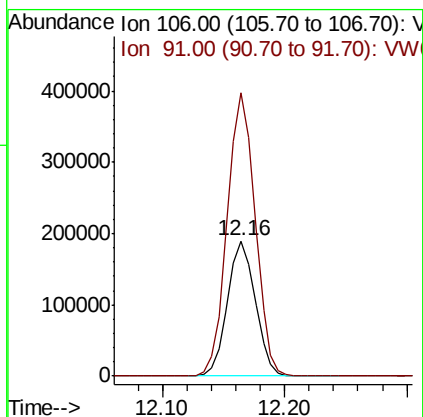
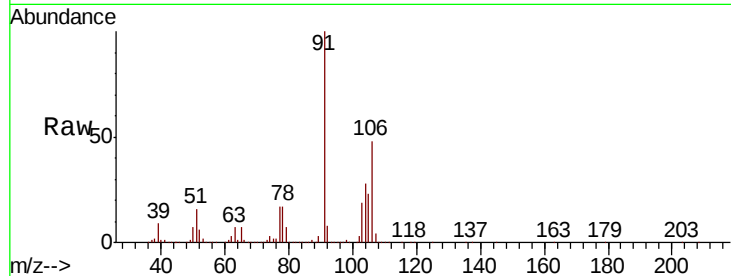




#69
o-Xylene
Concen: 55.678 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

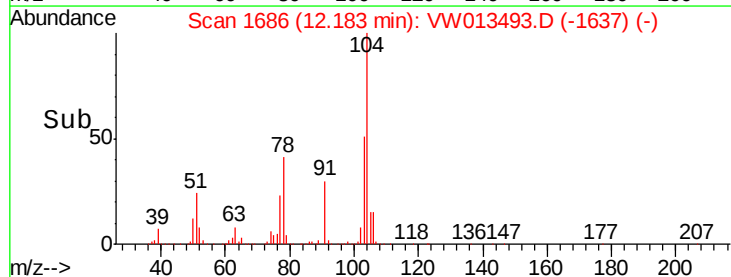
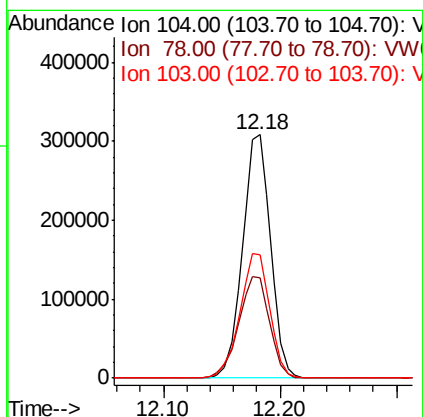
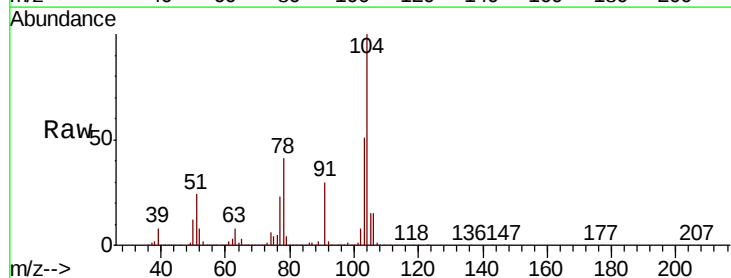
Instrument :
MSVOA_W
ClientSampled :

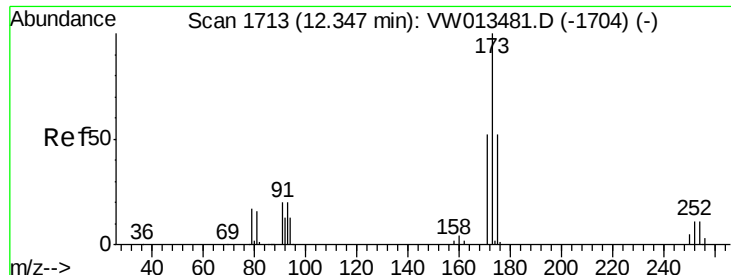
Tot Ion:106 Resp: 298186
Ion Ratio Lower Upper
106 100
91 209.7 105.0 315.0



#70
Styrene
Concen: 56.268 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion:104 Resp: 517419
Ion Ratio Lower Upper
104 100
78 46.0 37.1 55.7
103 54.5 43.2 64.8

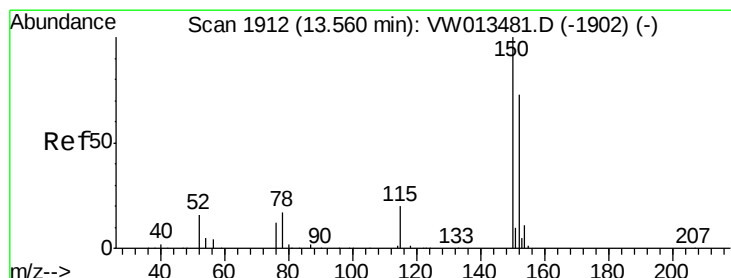
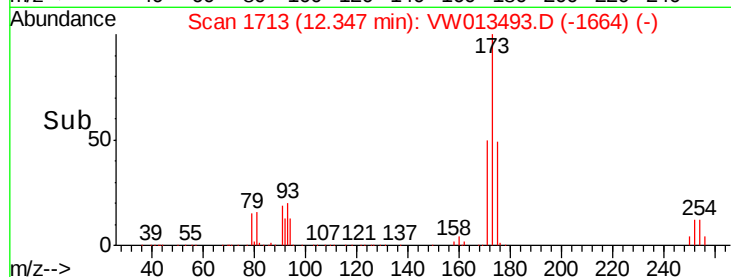
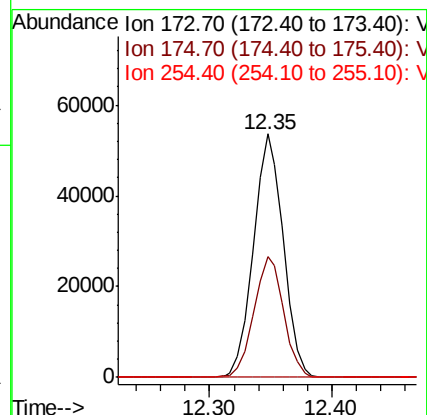
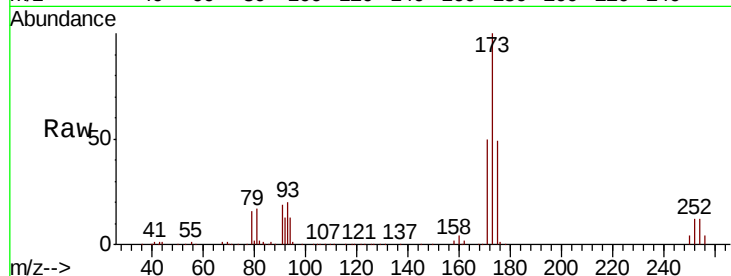




#71
Bromoform
Concen: 57.276 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

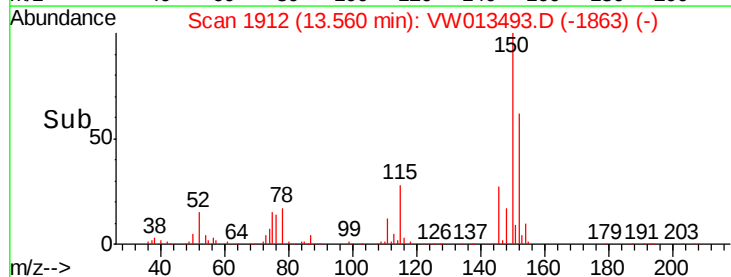
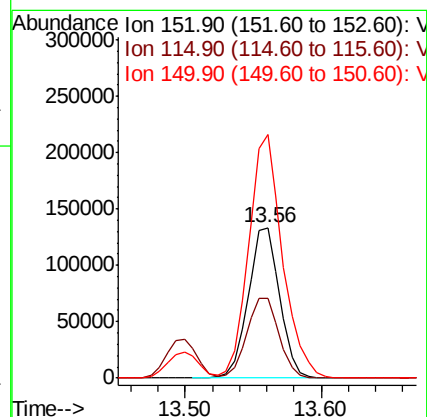
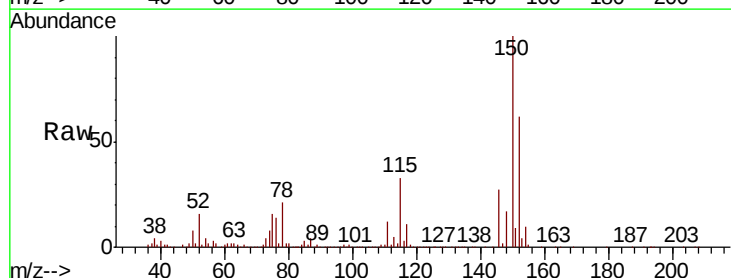
Instrument :
MSVOA_W
ClientSampleId :

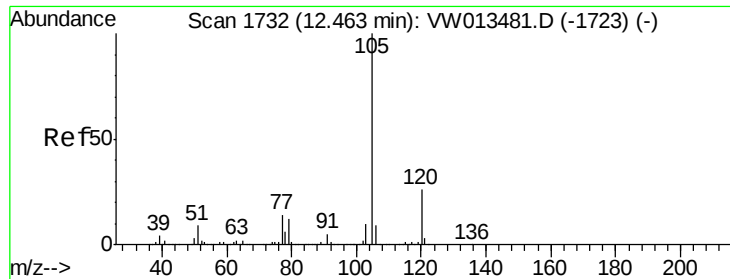
Tot Ion:173 Resp: 90987
Ion Ratio Lower Upper
173 100
175 49.4 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion:152 Resp: 214345
Ion Ratio Lower Upper
152 100
115 54.7 27.0 81.0
150 174.3 0.0 337.4

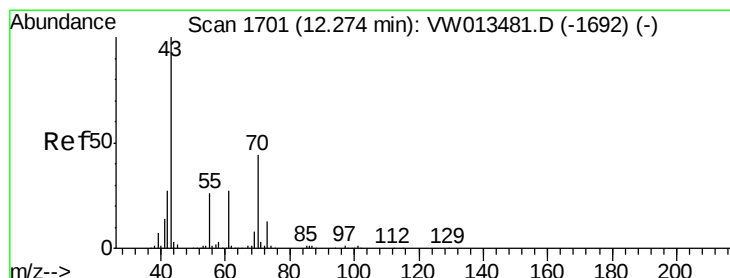
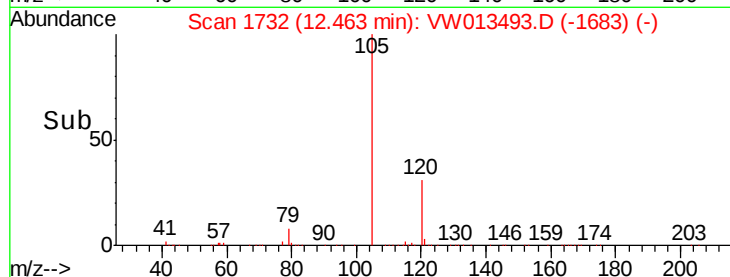
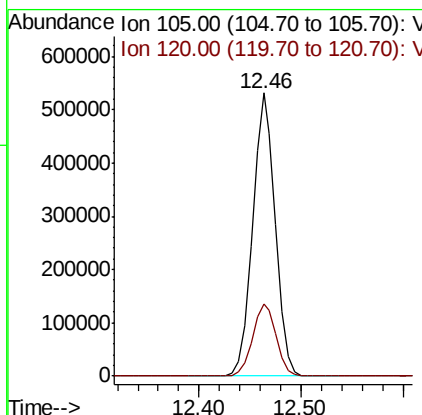
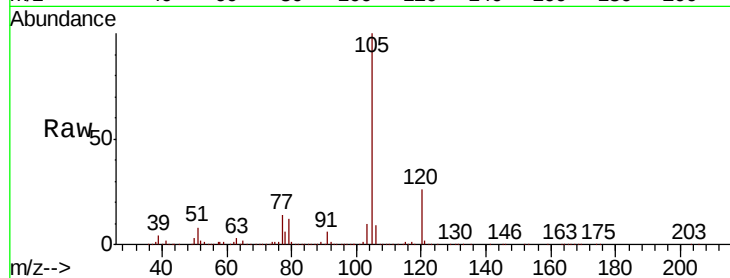




#73
Isopropylbenzene
Concen: 53.186 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

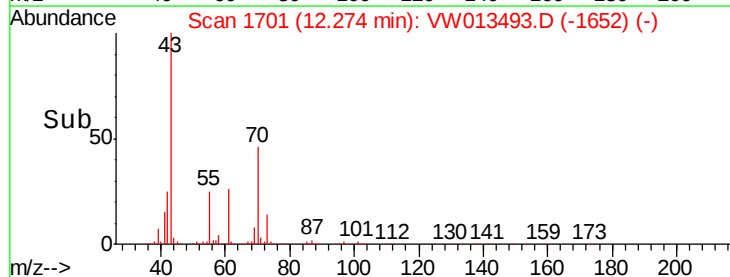
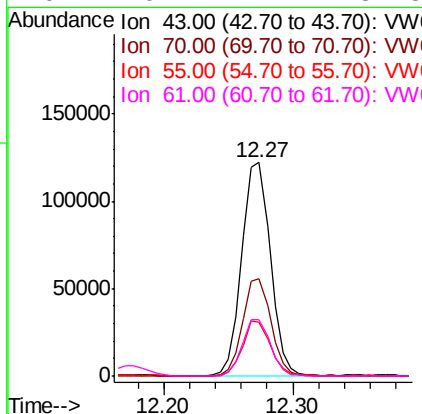
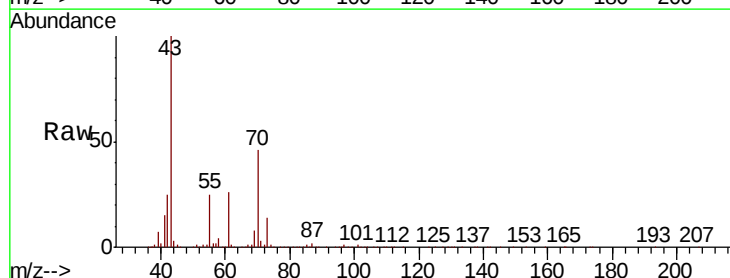
Instrument :
MSVOA_W
ClientSampleId :

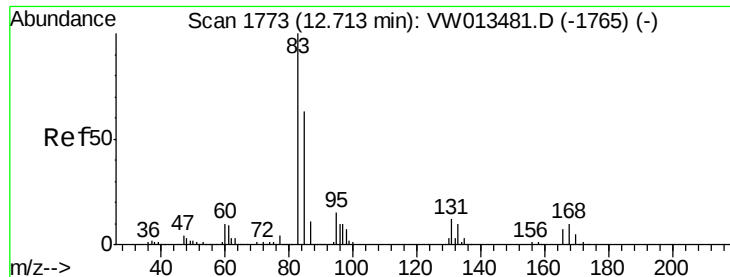
Tot Ion: 105 Resp: 816595
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5



#74
N-ethyl acetate
Concen: 55.806 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 43 Resp: 187393
Ion Ratio Lower Upper
43 100
70 45.5 35.3 52.9
55 24.9 20.0 30.0
61 26.1 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.765 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

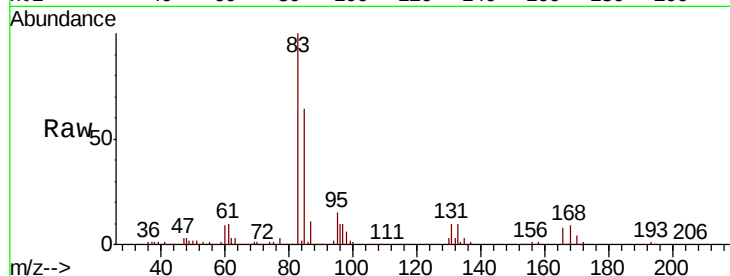
Tot Ion: 83 Resp: 140702

Ion Ratio Lower Upper

83 100

131 11.1 5.9 17.7

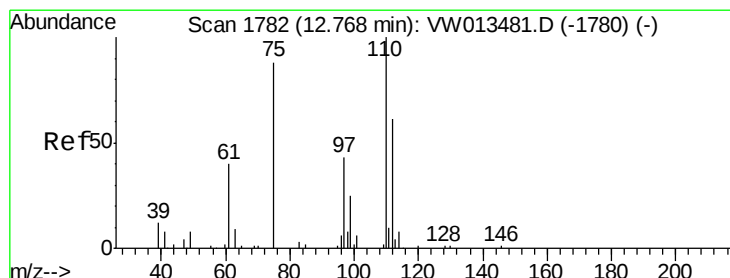
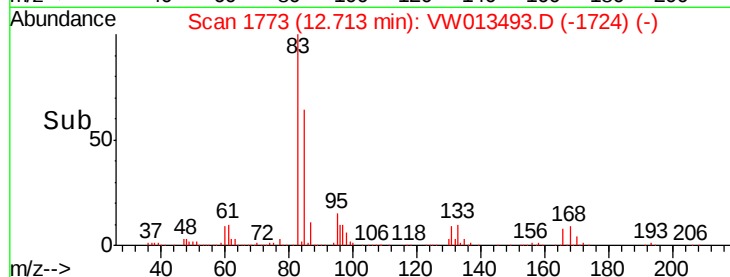
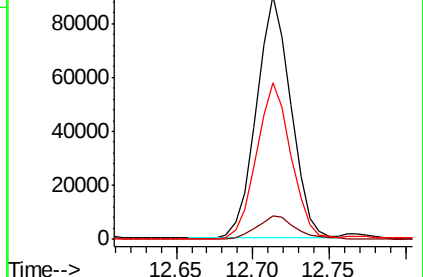
85 65.0 32.5 97.4



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: 100.281 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013493.D

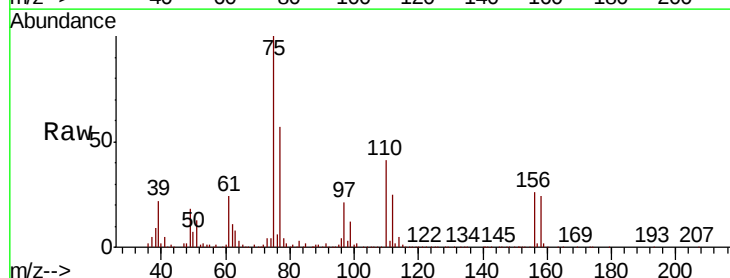
Acq: 08 Oct 2019 18:29

Tgt Ion: 75 Resp: 179020

Ion Ratio Lower Upper

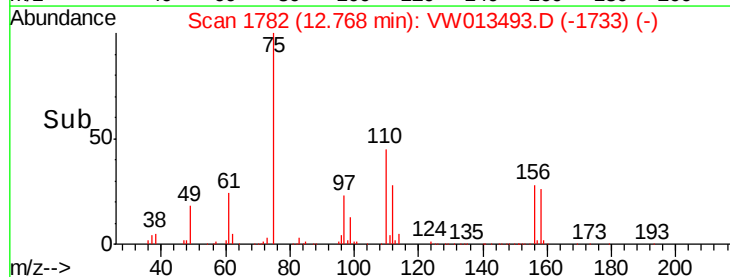
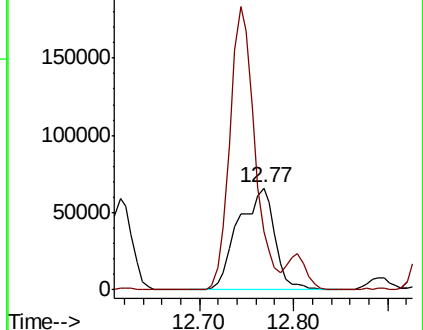
75 100

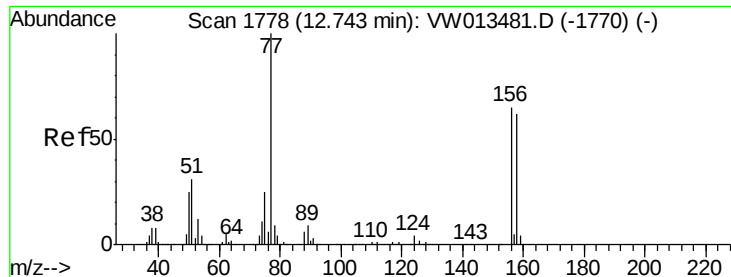
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.935 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

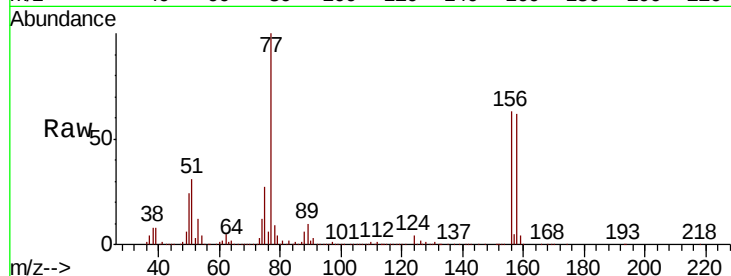
Tot Ion:156 Resp: 199925

Ion Ratio Lower Upper

156 100

77 169.5 83.7 251.0

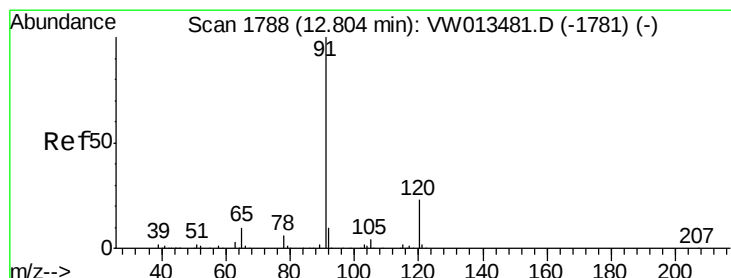
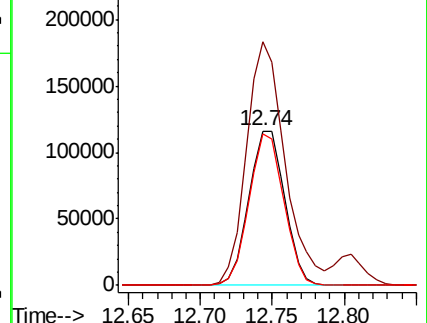
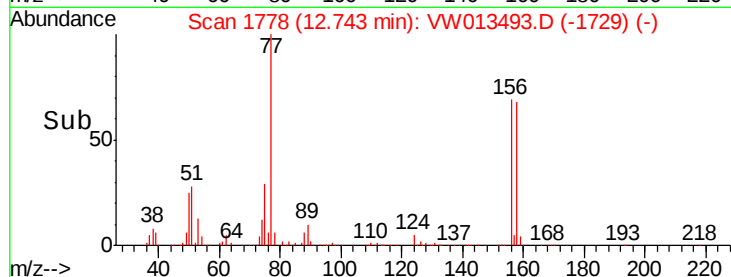
158 94.9 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.566 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013493.D

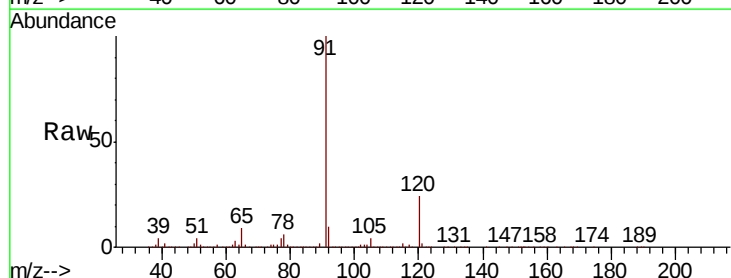
Acq: 08 Oct 2019 18:29

Tgt Ion: 91 Resp: 951026

Ion Ratio Lower Upper

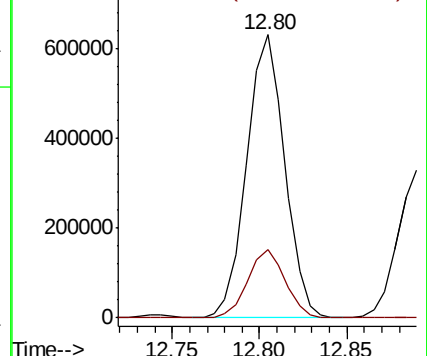
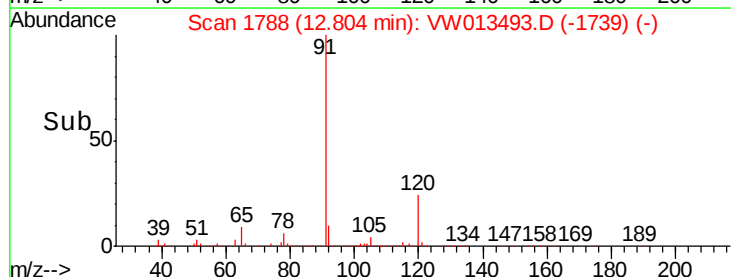
91 100

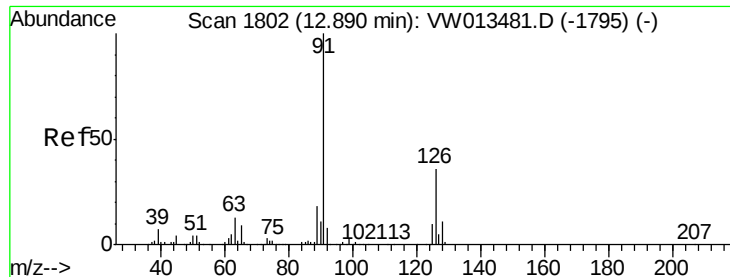
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.455 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

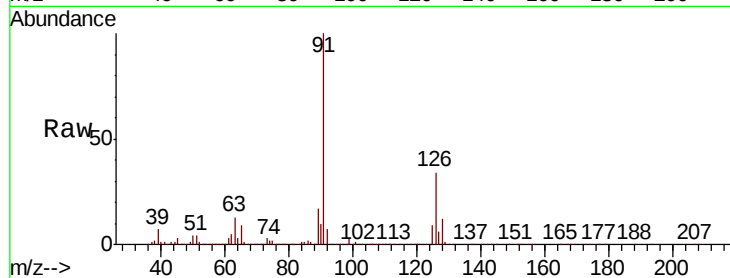
ClientSampled :

Tot Ion: 91 Resp: 531719

Ion Ratio Lower Upper

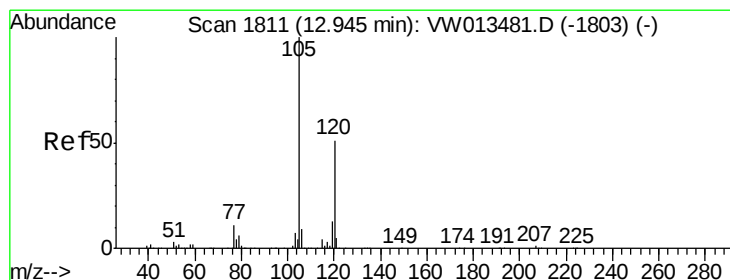
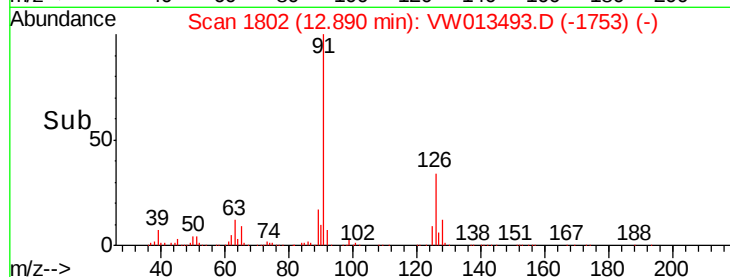
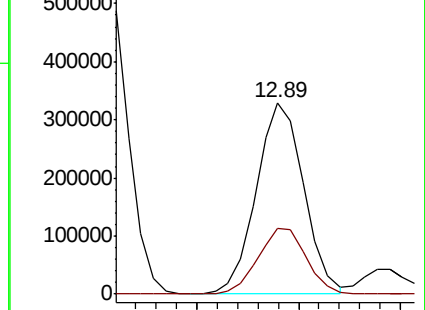
91 100

126 35.2 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.949 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013493.D

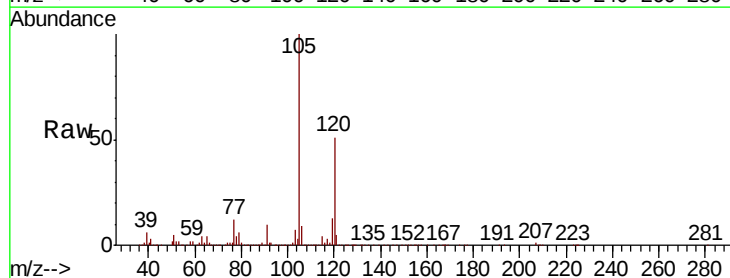
Acq: 08 Oct 2019 18:29

Tgt Ion: 105 Resp: 688238

Ion Ratio Lower Upper

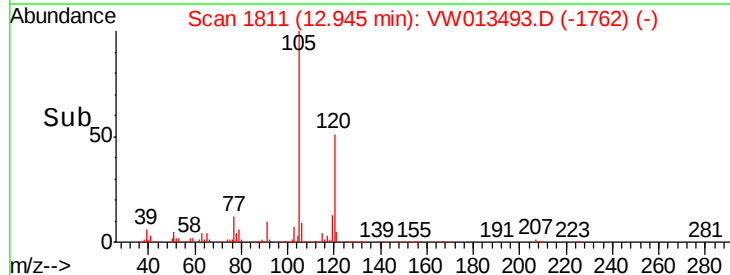
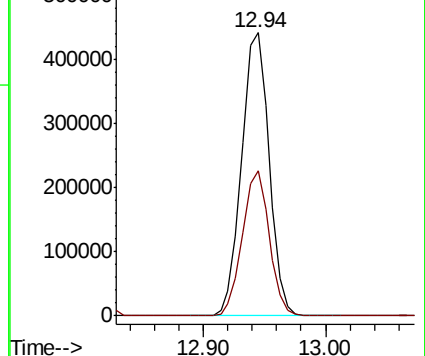
105 100

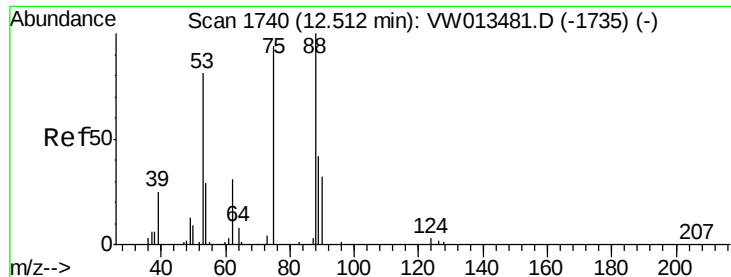
120 50.3 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.960 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

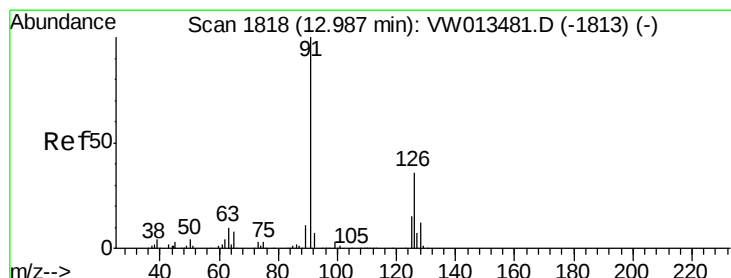
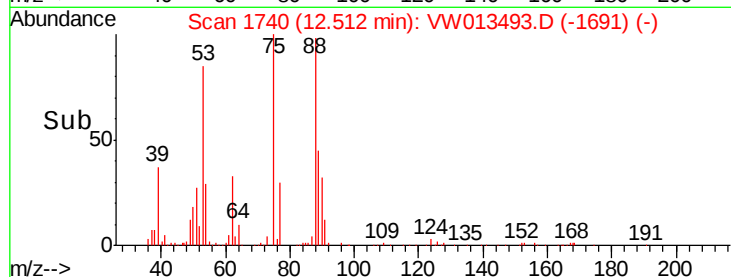
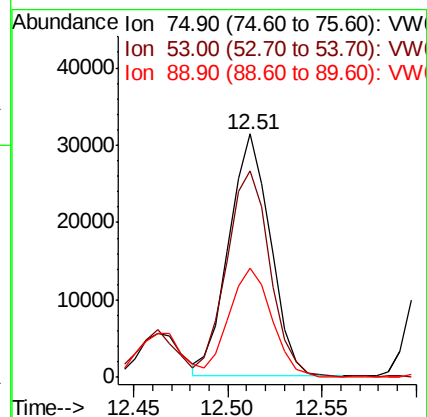
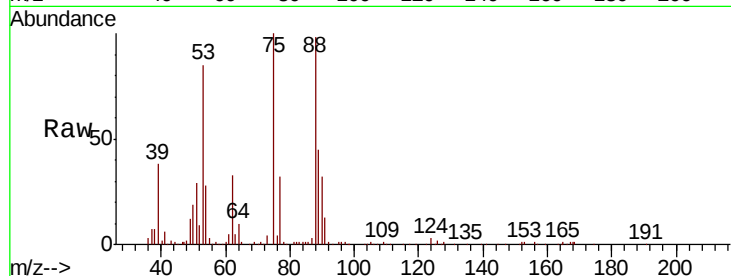
Tot Ion: 75 Resp: 47997

Ion Ratio Lower Upper

75 100

53 88.7 71.0 106.6

89 45.9 36.1 54.1



#82

4-Chlorotoluene

Concen: 53.612 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013493.D

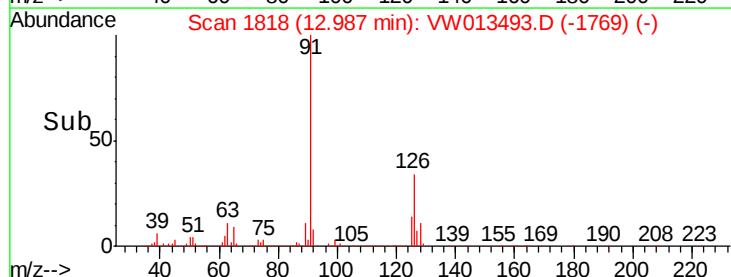
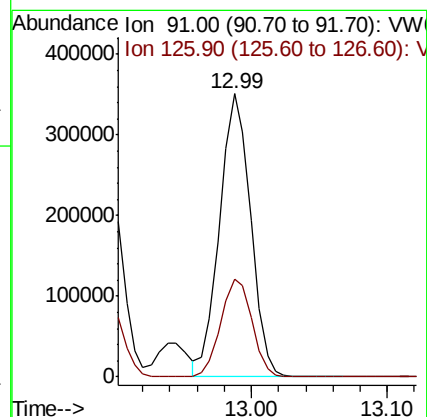
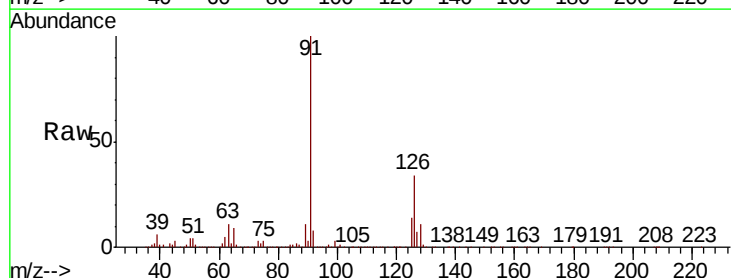
Acq: 08 Oct 2019 18:29

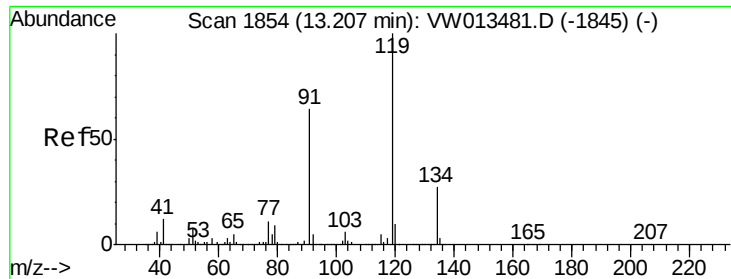
Tgt Ion: 91 Resp: 553502

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.6

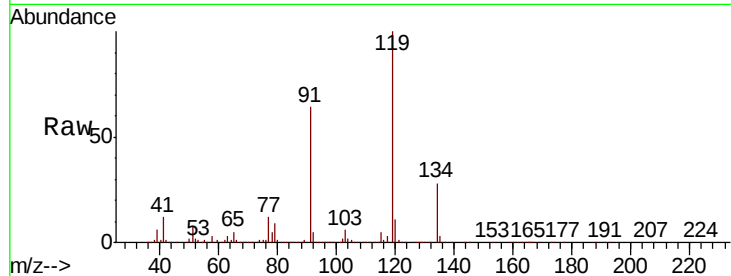




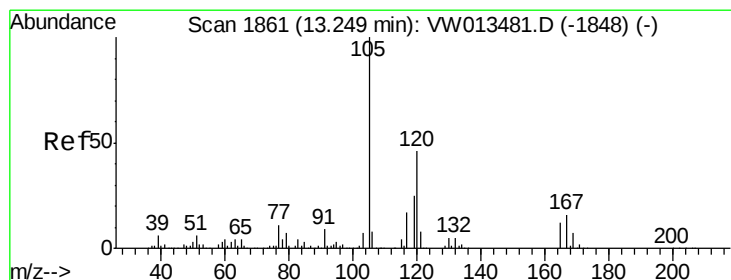
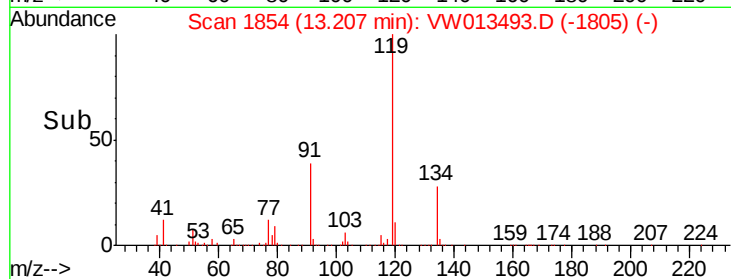
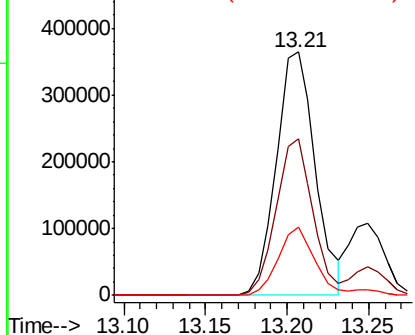
#83
tert-Butylbenzene
Concen: 53.509 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 606233
Ion Ratio Lower Upper
119 100
91 60.5 30.6 91.6
134 26.1 13.8 41.3

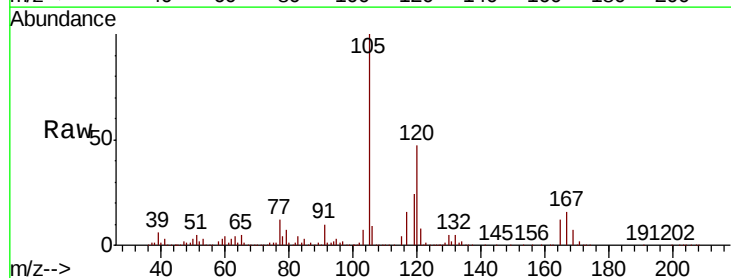


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

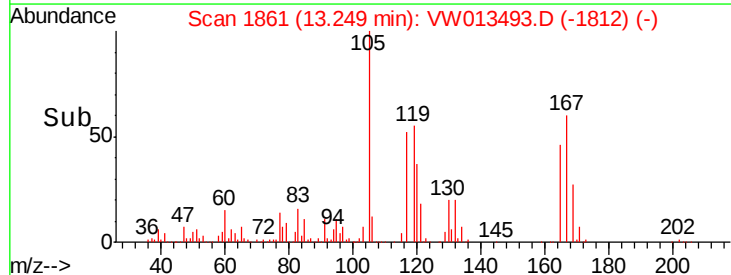
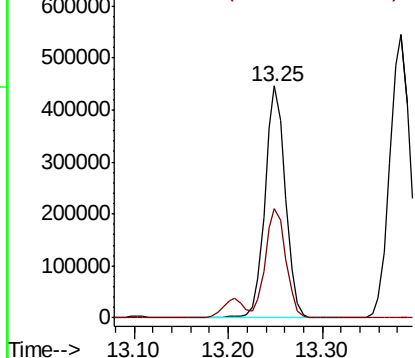


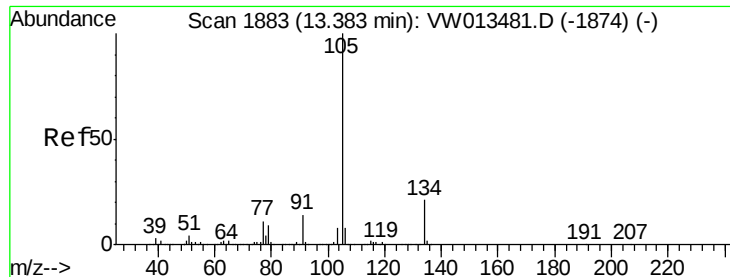
#84
1,2,4-Trimethylbenzene
Concen: 53.780 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion:105 Resp: 678546
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 52.757 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

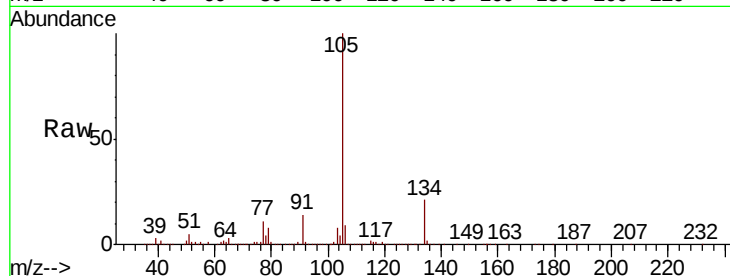
ClientSampled :

Tot Ion:105 Resp: 825860

Ion Ratio Lower Upper

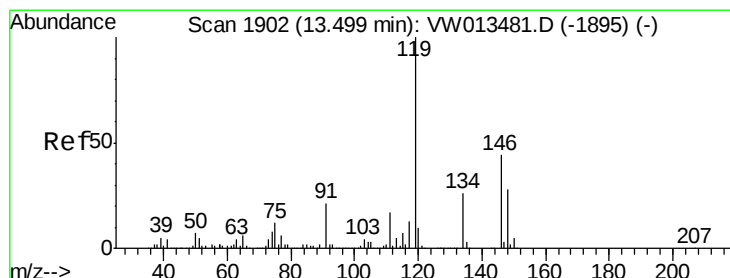
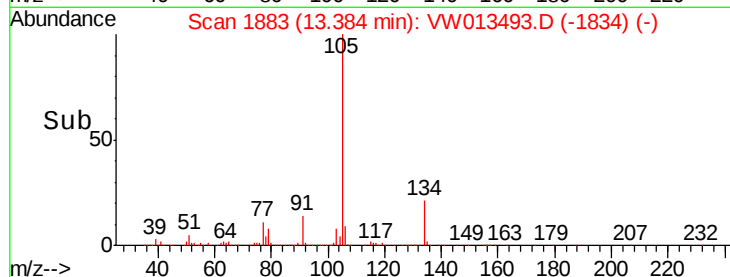
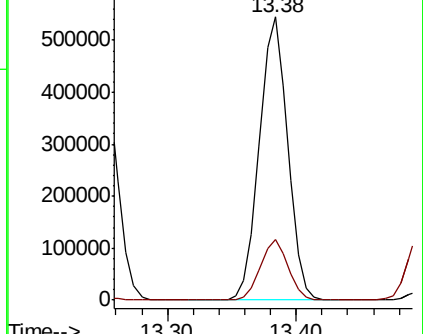
105 100

134 21.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.914 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

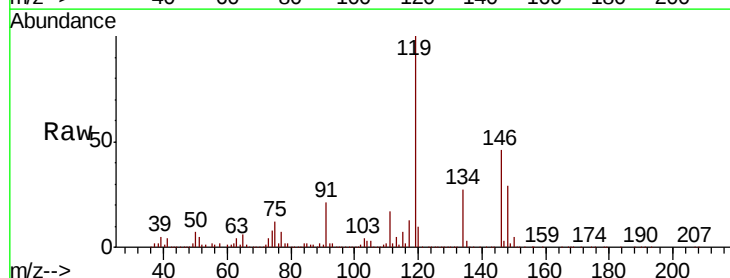
Tgt Ion:119 Resp: 775429

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

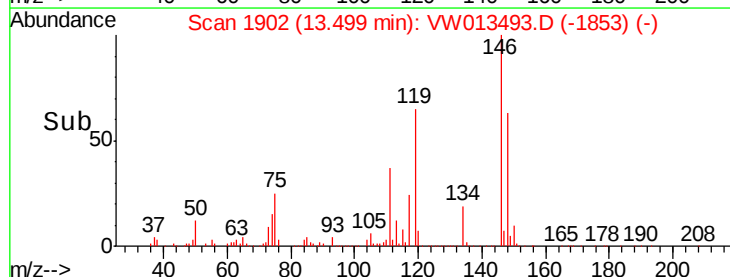
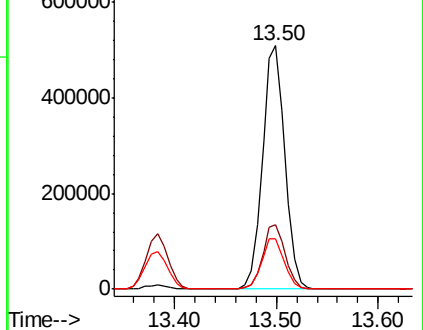
91 21.0 10.8 32.3

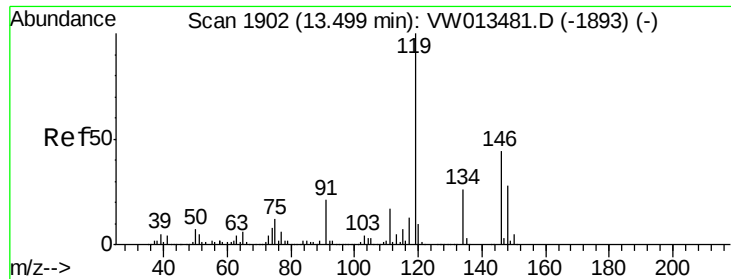


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

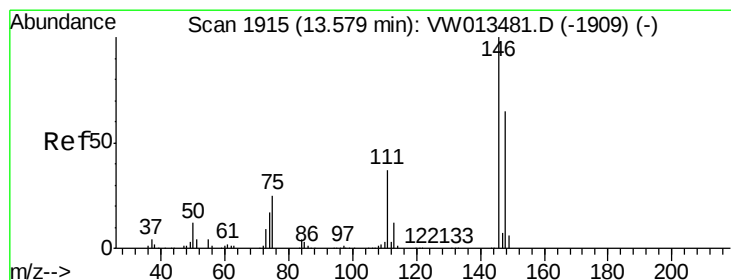
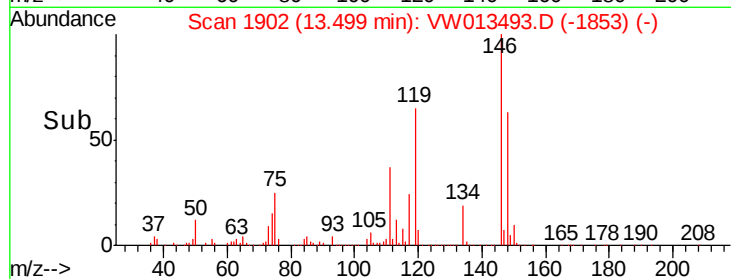
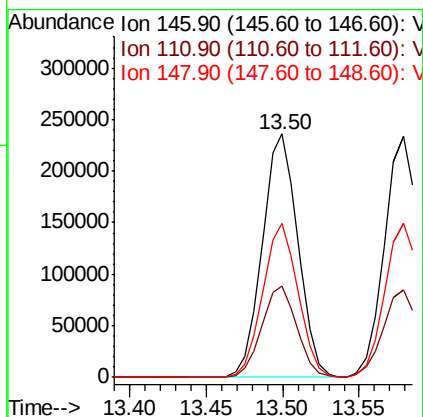
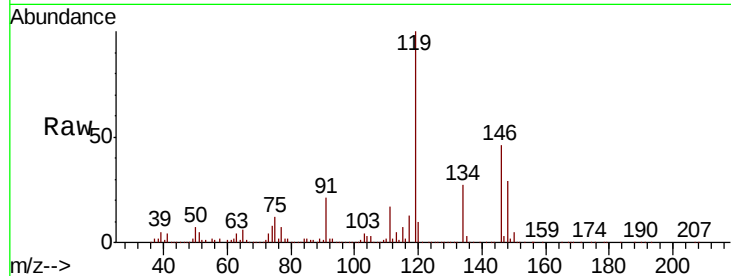




#87
 1,3-Dichlorobenzene
 Concen: 55.490 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

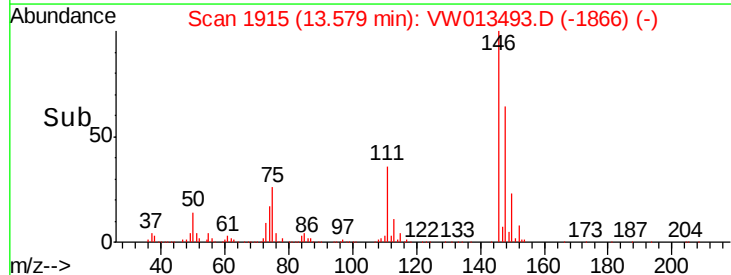
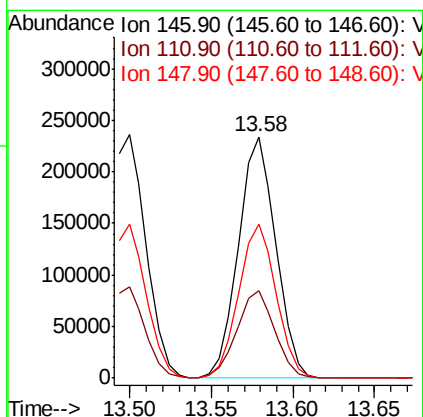
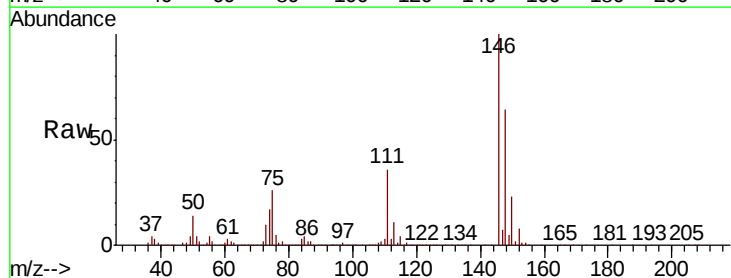
Instrument :
 MSVOA_W
 ClientSampleId :

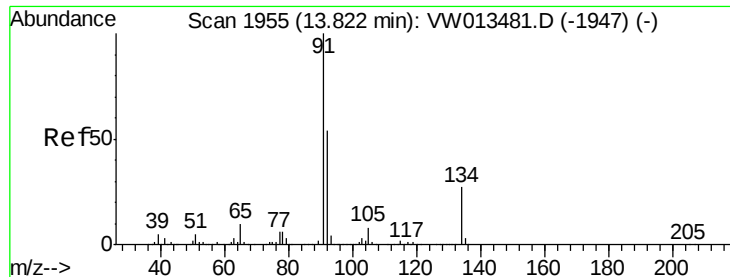
Tot Ion:146 Resp: 382915
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.7 56.1
 148 62.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 55.313 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion:146 Resp: 373918
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.4
 148 63.6 32.0 96.2





#89

n-Butylbenzene

Concen: 54.162 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

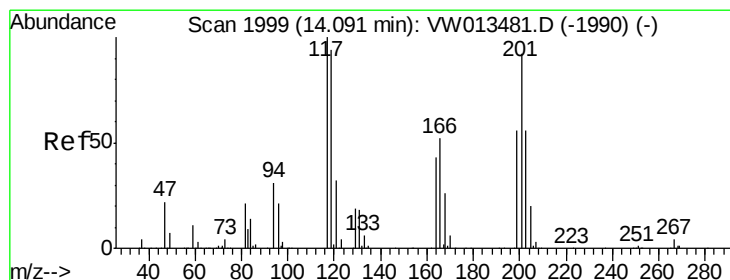
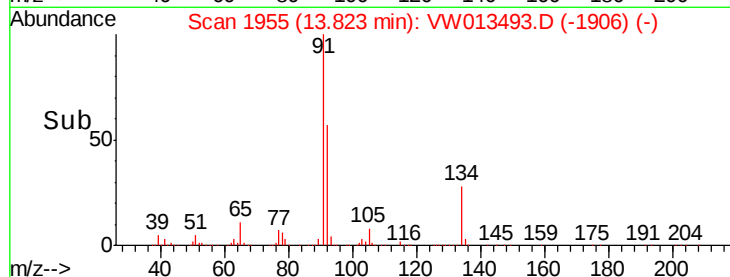
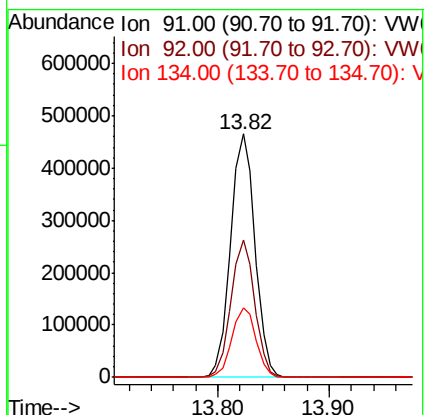
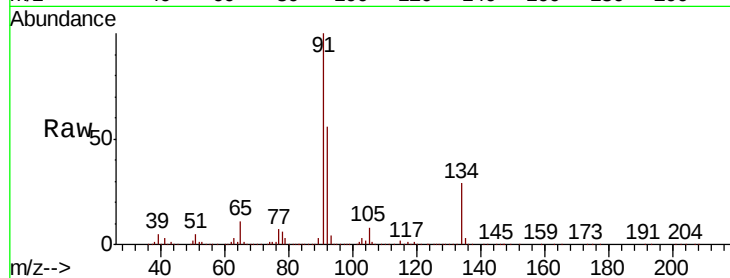
Tot Ion: 91 Resp: 703706

Ion Ratio Lower Upper

91 100

92 55.0 27.5 82.4

134 28.5 13.8 41.3



#90

Hexachloroethane

Concen: 53.630 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013493.D

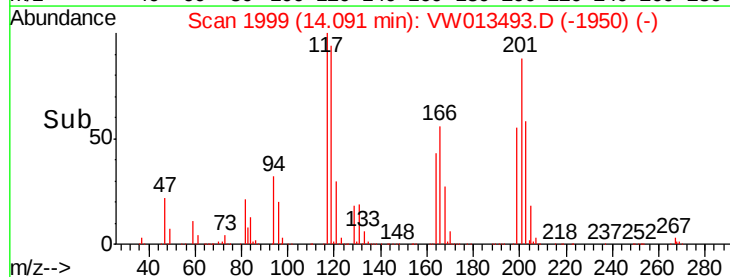
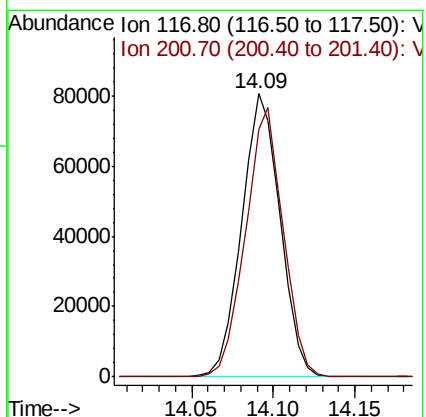
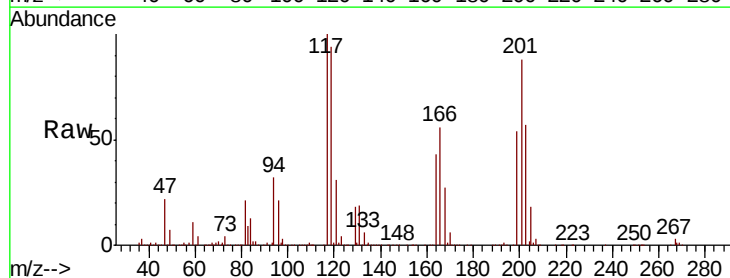
Acq: 08 Oct 2019 18:29

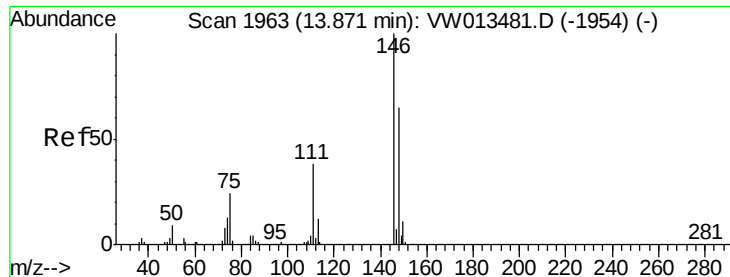
Tgt Ion: 117 Resp: 131980

Ion Ratio Lower Upper

117 100

201 93.4 46.9 140.7

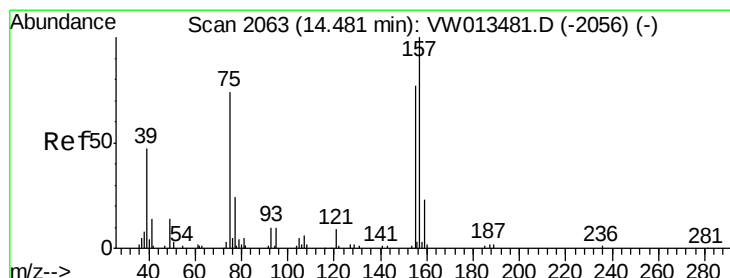
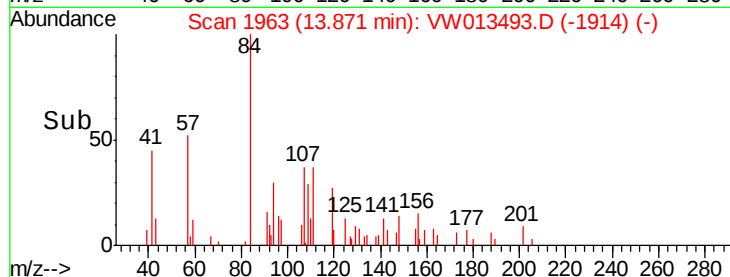
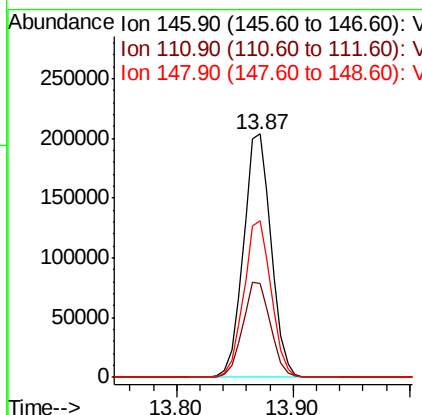
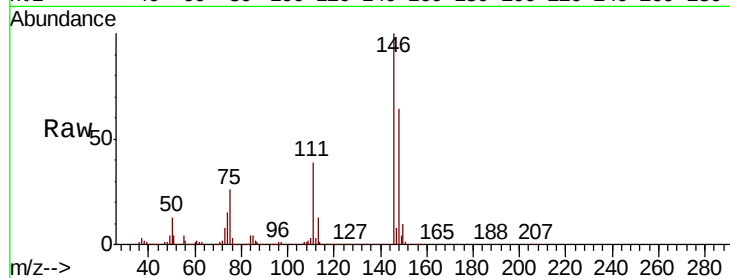




#91
 1,2-Dichlorobenzene
 Concen: 55.287 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

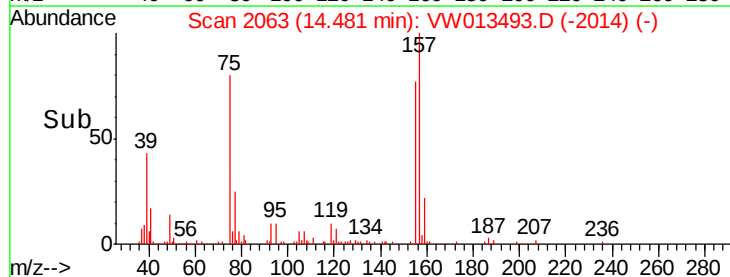
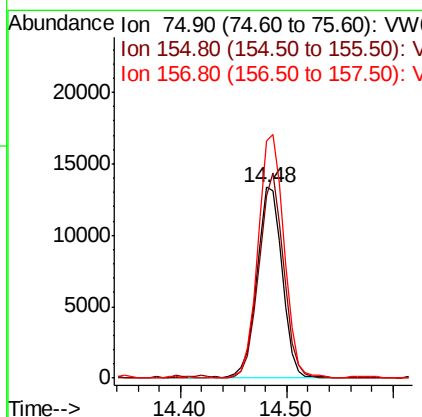
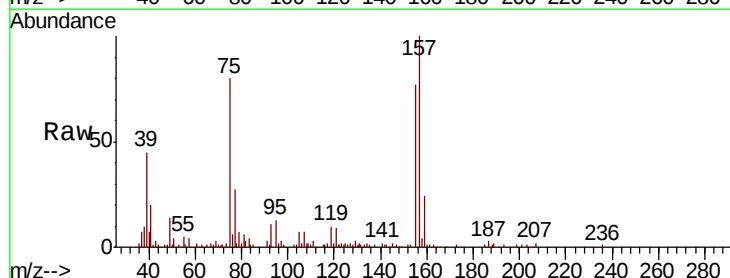
Instrument :
 MSVOA_W
 ClientSampleId :

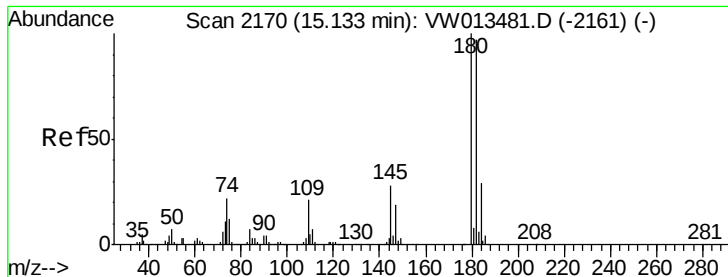
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	64.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.916 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.3	51.0	153.1
157	130.5	65.9	197.7

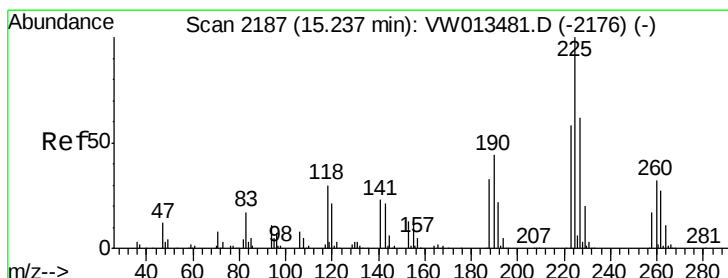
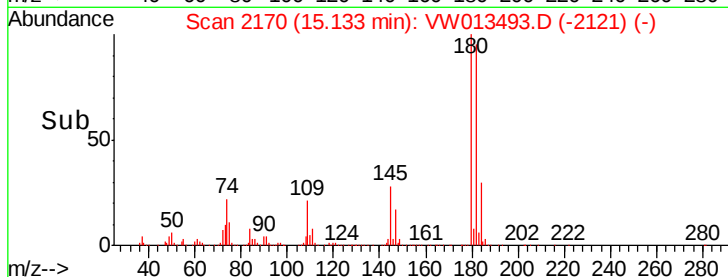
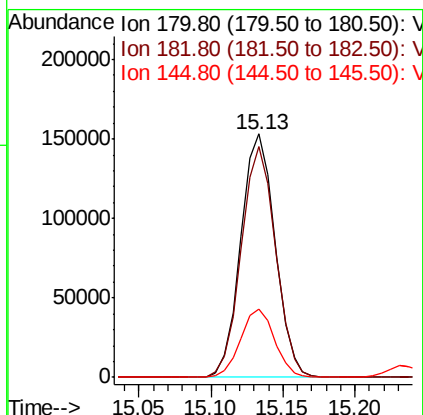
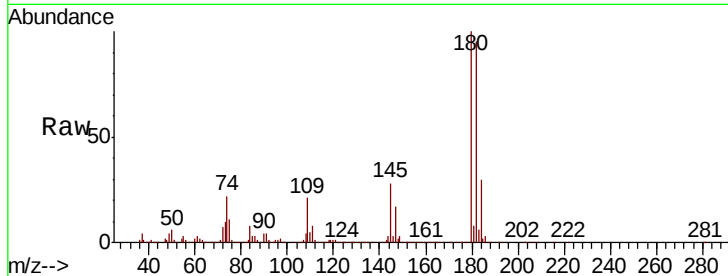




#93
 1,2,4-Trichlorobenzene
 Concen: 58.761 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

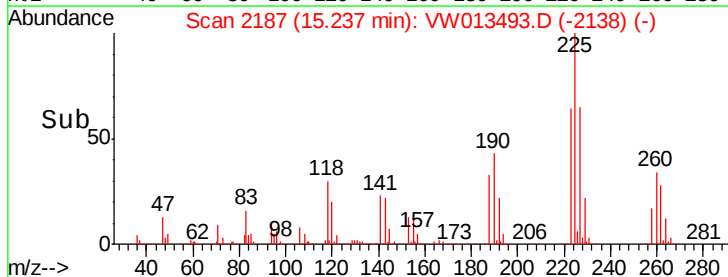
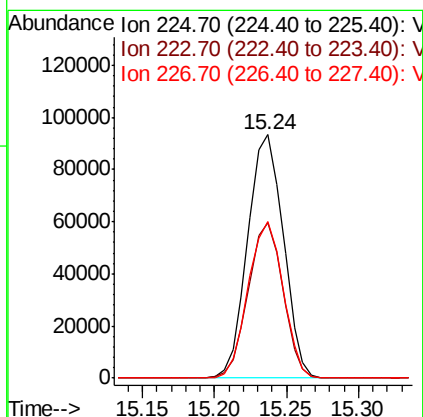
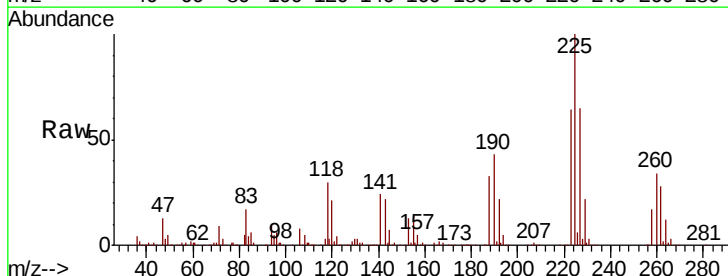
Instrument :
 MSVOA_W
 ClientSampleId :

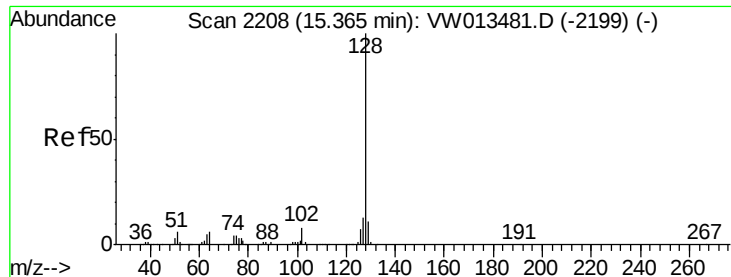
Tot Ion:180 Resp: 253024
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 27.8 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 55.866 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion:225 Resp: 159860
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.3 90.9
 227 63.3 32.0 96.0





#95

Naphthalene

Concen: 60.595 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

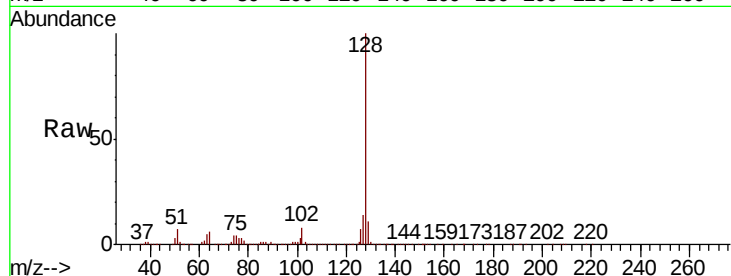
Tot Ion:128 Resp: 451342

Ion Ratio Lower Upper

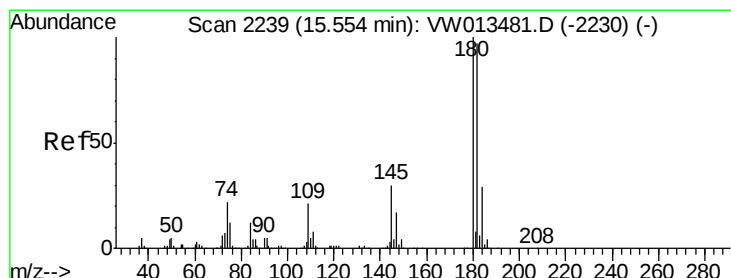
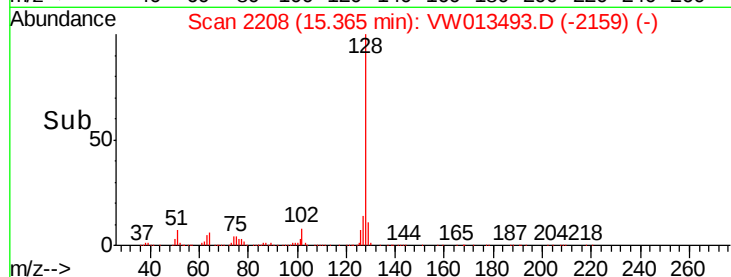
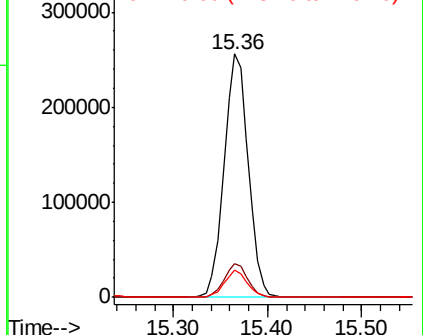
128 100

127 13.4 10.6 16.0

129 10.6 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 58.459 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

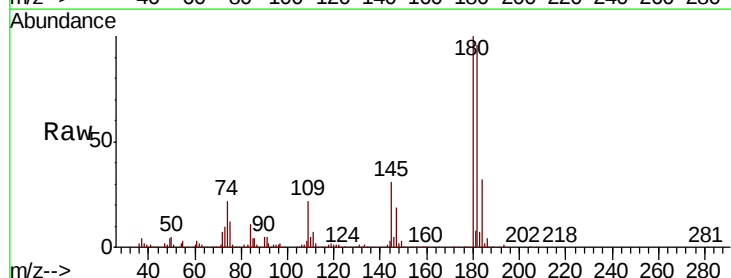
Tgt Ion:180 Resp: 220116

Ion Ratio Lower Upper

180 100

182 97.0 47.7 143.1

145 30.8 14.9 44.9



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

