

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015197.D
 Acq On : 15 Apr 2020 12:22
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 15 14:23:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	616570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1040663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	895798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	415298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	56485	6.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.32%	
35) Dibromofluoromethane	7.88	113	58750	9.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.20%	
50) Toluene-d8	10.32	98	230162	9.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.12%	
62) 4-Bromofluorobenzene	12.62	95	77715	9.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	31655	8.322	ug/l 97
3) Chloromethane	2.21	50	52716	6.859	ug/l 99
4) Vinyl Chloride	2.36	62	63111	6.343	ug/l 97
5) Bromomethane	2.78	94	34338	6.069	ug/l 94
6) Chloroethane	2.92	64	31689	5.651	ug/l 97
7) Trichlorofluoromethane	3.26	101	41332	8.200	ug/l 90
8) Diethyl Ether	3.68	74	30631	7.902	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	63257	8.092	ug/l 99
10) Methyl Iodide	4.27	142	94038	10.371	ug/l 99
11) Tert butyl alcohol	5.17	59	22468	44.609	ug/l # 72
12) 1,1-Dichloroethene	4.04	96	63993	8.354	ug/l 93
13) Acrolein	3.89	56	22748	32.425	ug/l 98
14) Allyl chloride	4.67	41	94697	6.460	ug/l 100
15) Acrylonitrile	5.37	53	63894	33.213	ug/l 99
16) Acetone	4.12	43	53390	28.490	ug/l 99
17) Carbon Disulfide	4.38	76	190575	7.159	ug/l 99
18) Methyl Acetate	4.67	43	31946	6.918	ug/l 97
19) Methyl tert-butyl Ether	5.42	73	85035	8.766	ug/l 97
20) Methylene Chloride	4.92	84	74713	8.070	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	67205	8.296	ug/l 96
22) Diisopropyl ether	6.31	45	188957	6.732	ug/l 94
23) Vinyl Acetate	6.25	43	528191	32.086	ug/l 100
24) 1,1-Dichloroethane	6.21	63	112777	6.790	ug/l 96
25) 2-Butanone	7.17	43	78540	30.201	ug/l 97
26) 2,2-Dichloropropane	7.17	77	77528	8.008	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	71962	8.517	ug/l 100
28) Bromochloromethane	7.51	49	48805	6.328	ug/l 100
29) Tetrahydrofuran	7.53	42	51193	31.380	ug/l 100
30) Chloroform	7.68	83	111023	7.436	ug/l 94
31) Cyclohexane	7.95	56	124145	7.252	ug/l # 89
32) 1,1,1-Trichloroethane	7.87	97	94136	8.021	ug/l 99
36) 1,1-Dichloropropene	8.08	75	95502	8.257	ug/l 99
37) Ethyl Acetate	7.25	43	39123	6.976	ug/l # 94
38) Carbon Tetrachloride	8.07	117	87926	9.110	ug/l 92

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 VSTDIC010

Quant Time: Apr 15 14:23:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125090	9.250	ug/l	98
40) Benzene	8.32	78	265960	8.217	ug/l	96
41) Methacrylonitrile	7.48	41	23405	7.792	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65935	6.852	ug/l	98
43) Isopropyl Acetate	8.42	43	73493	7.230	ug/l	99
44) Trichloroethene	9.09	130	70897	9.937	ug/l	95
45) 1,2-Dichloropropane	9.37	63	65413	7.600	ug/l	94
46) Dibromomethane	9.46	93	31907	8.346	ug/l	98
47) Bromodichloromethane	9.65	83	82816	8.142	ug/l	98
48) Methyl methacrylate	9.43	41	32183	6.846	ug/l	91
49) 1,4-Dioxane	9.44	88	11015	192.399	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	197472	35.481	ug/l	100
52) Toluene	10.38	92	169016	8.983	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82547	8.245	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100751	8.273	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	46493	8.852	ug/l	96
56) Ethyl methacrylate	10.64	69	58796	8.695	ug/l	96
57) 1,3-Dichloropropane	10.93	76	80502	8.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	143244	37.102	ug/l	98
59) 2-Hexanone	10.96	43	120628	34.939	ug/l	99
60) Dibromochloromethane	11.13	129	53858	9.697	ug/l	98
61) 1,2-Dibromoethane	11.23	107	42579	9.033	ug/l	95
64) Tetrachloroethene	10.86	164	53133	10.231	ug/l	98
65) Chlorobenzene	11.66	112	169841	9.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	59276	9.926	ug/l	97
67) Ethyl Benzene	11.73	91	324504	9.459	ug/l	100
68) m/p-Xylenes	11.84	106	247535	20.173	ug/l	97
69) o-Xylene	12.16	106	114477	10.290	ug/l	98
70) Styrene	12.18	104	188602	9.942	ug/l	100
71) Bromoform	12.35	173	27439	10.182	ug/l #	99
73) Isopropylbenzene	12.46	105	312726	9.950	ug/l	99
74) N-amyl acetate	12.27	43	68250	7.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49821	7.989	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	38042m	8.316	ug/l	
77) Bromobenzene	12.74	156	65717	10.402	ug/l	96
78) n-propylbenzene	12.80	91	377544	9.342	ug/l	99
79) 2-Chlorotoluene	12.89	91	205983	9.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	263506	9.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16011	7.847	ug/l	95
82) 4-Chlorotoluene	12.99	91	216605	8.939	ug/l	99
83) tert-Butylbenzene	13.21	119	231438	10.489	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	259737	9.645	ug/l	98
85) sec-Butylbenzene	13.38	105	322178	9.738	ug/l	99
86) p-Isopropyltoluene	13.50	119	292980	10.264	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	128645	9.709	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	129660	9.912	ug/l	98
89) n-Butylbenzene	13.82	91	284435	9.373	ug/l	98
90) Hexachloroethane	14.09	117	54455	9.444	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	117302	10.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8316	8.283	ug/l	97

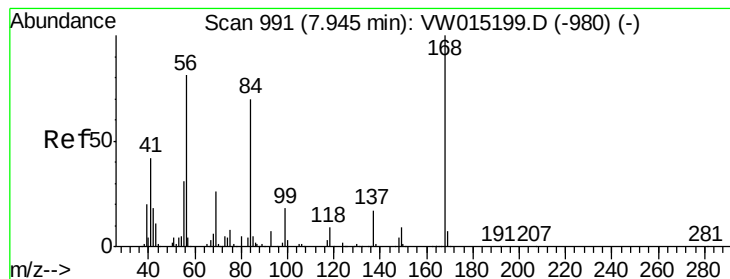
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041520\
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Quant Title : SW846 8260
QLast Update : Wed Apr 15 14:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77591	11.415	ug/l	98
94) Hexachlorobutadiene	15.23	225	46009	10.829	ug/l	97
95) Naphthalene	15.36	128	135900	10.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	63955	10.624	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: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

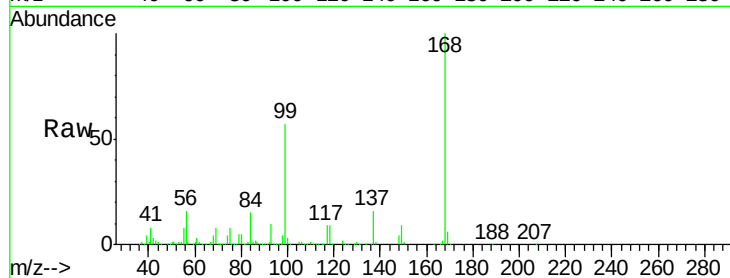
VSTDIC010

Tot Ion:168 Resp: 616570

Ion Ratio Lower Upper

168 100

99 57.1 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

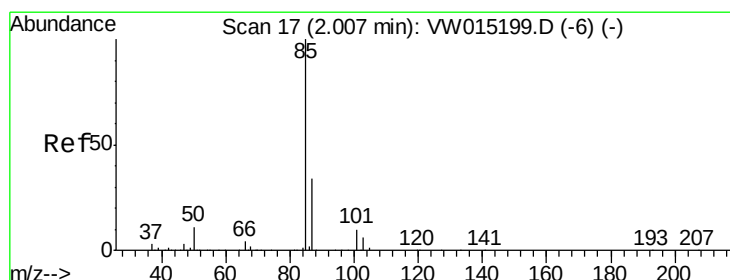
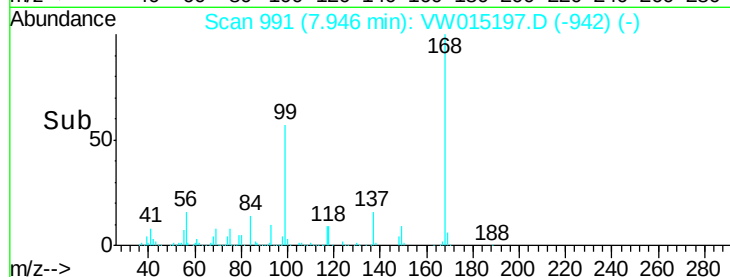
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 8.322 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015197.D

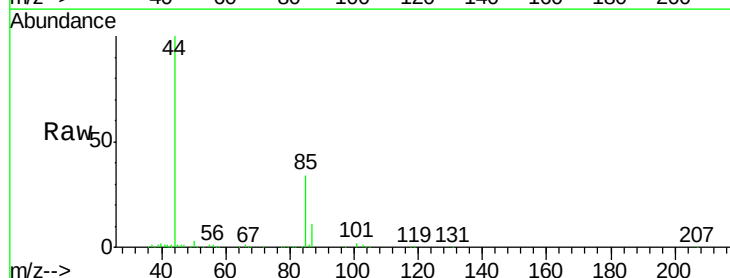
Acq: 15 Apr 2020 12:22

Tgt Ion: 85 Resp: 31655

Ion Ratio Lower Upper

85 100

87 32.6 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

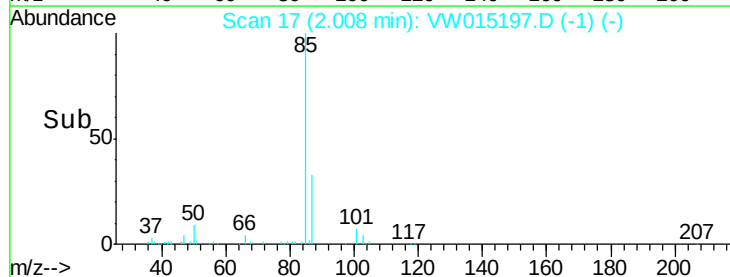
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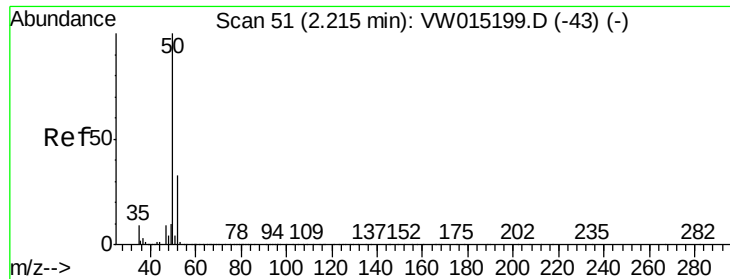
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 6.859 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

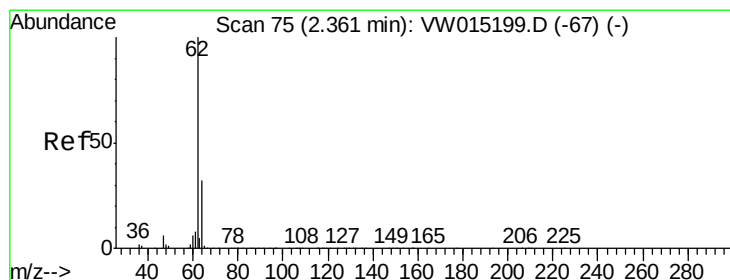
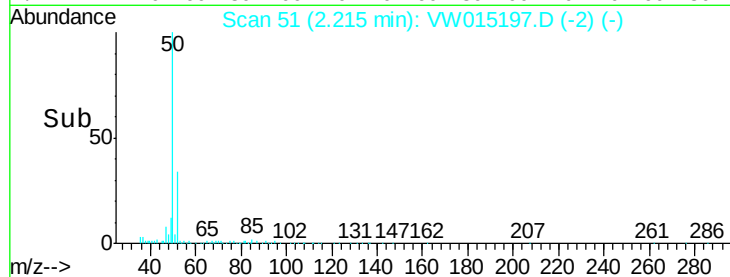
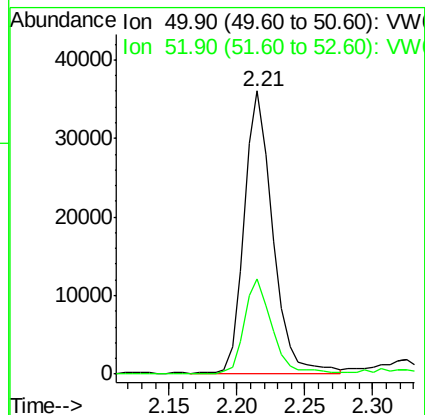
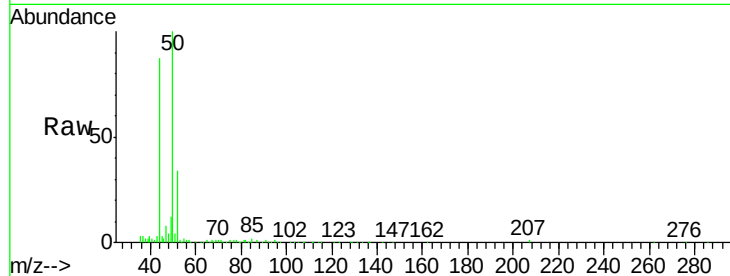
VSTDIC010

Tot Ion: 50 Resp: 52716

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7



#4

Vinyl Chloride

Concen: 6.343 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015197.D

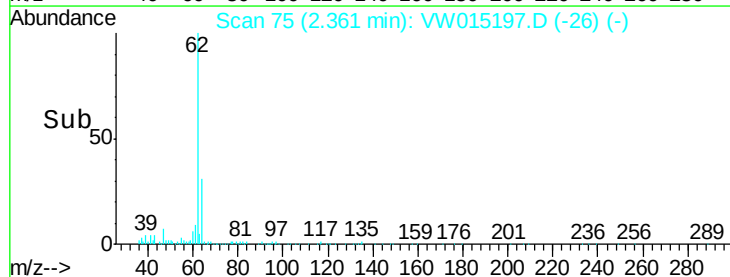
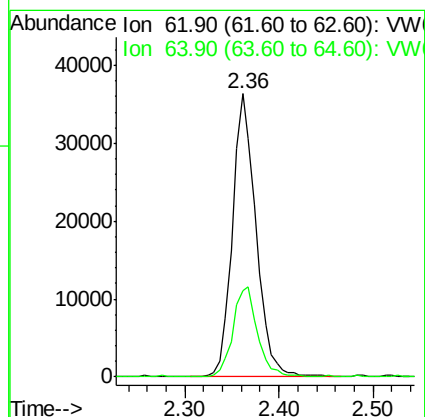
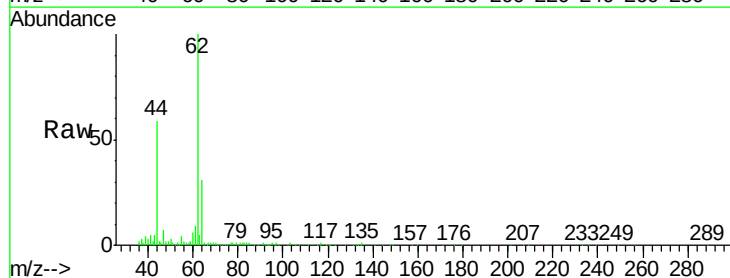
Acq: 15 Apr 2020 12:22

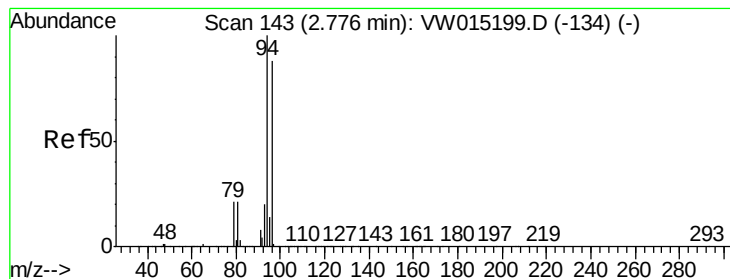
Tgt Ion: 62 Resp: 63111

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.2





#5

Bromomethane

Concen: 6.069 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

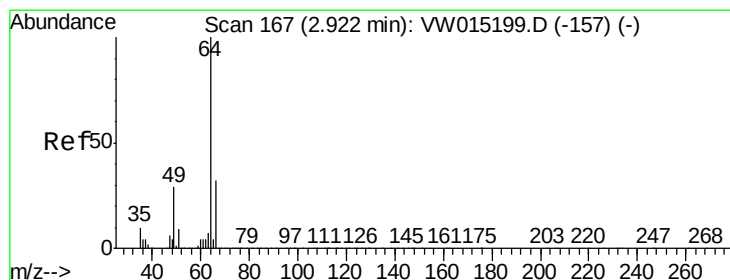
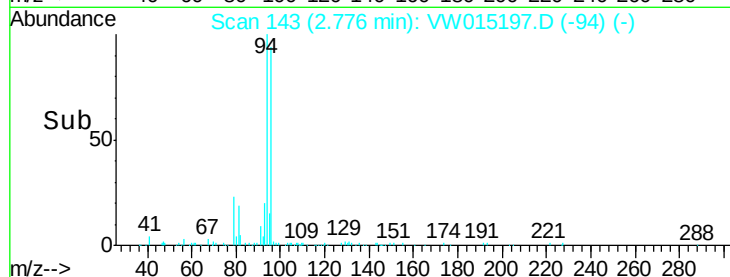
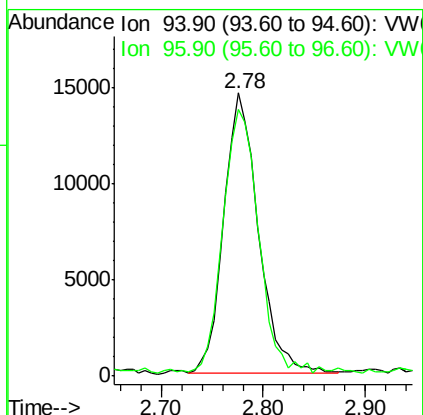
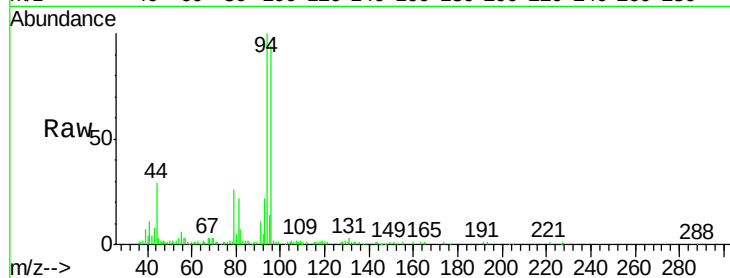
VSTDIC010

Tot Ion: 94 Resp: 34338

Ion Ratio Lower Upper

94 100

96 93.5 70.4 105.6



#6

Chloroethane

Concen: 5.651 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015197.D

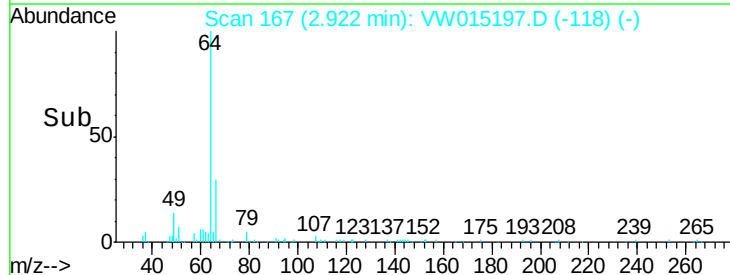
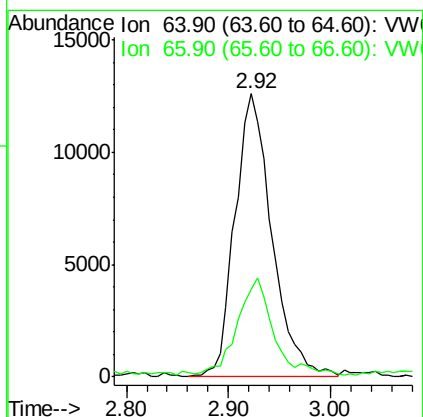
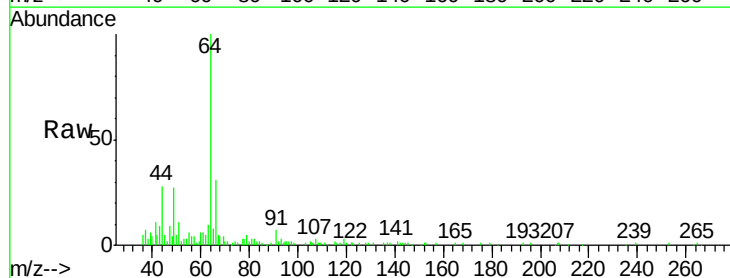
Acq: 15 Apr 2020 12:22

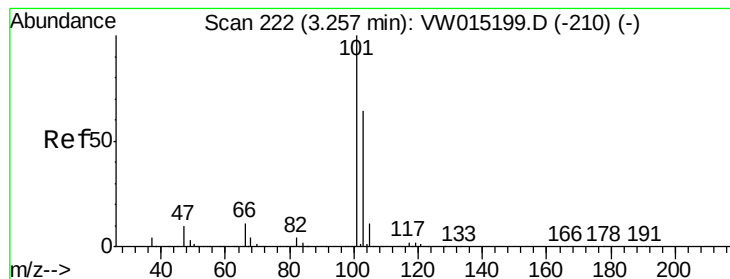
Tgt Ion: 64 Resp: 31689

Ion Ratio Lower Upper

64 100

66 30.3 25.8 38.6



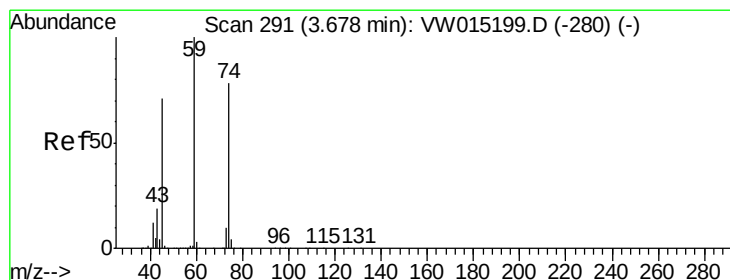
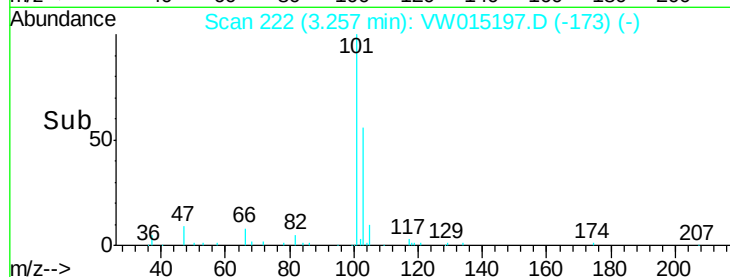
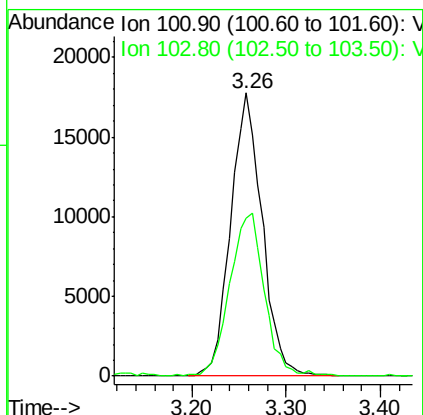
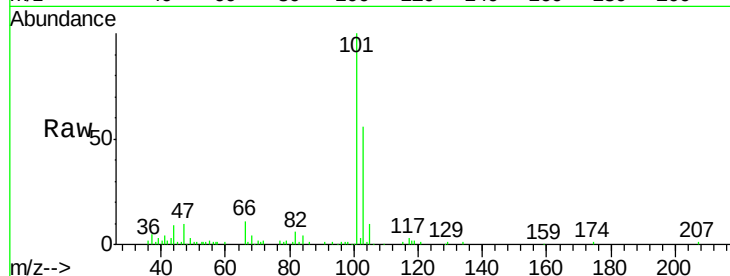


#7

Trichlorofluoromethane
 Concen: 8.200 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Instrument :
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 VSTDIC010

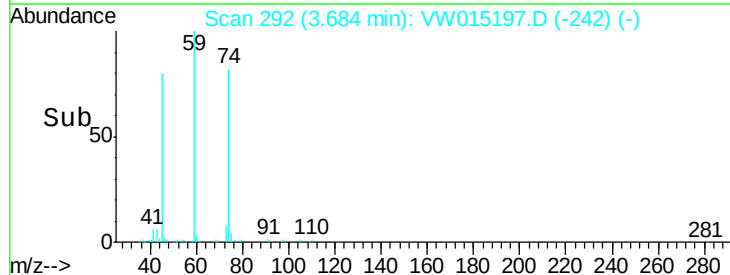
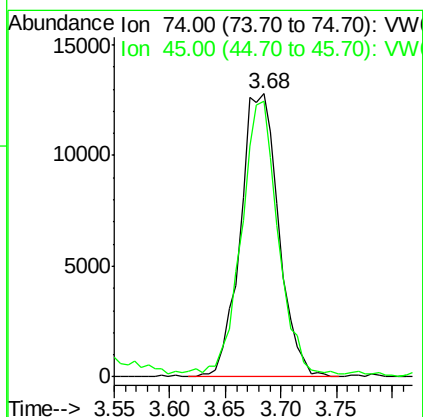
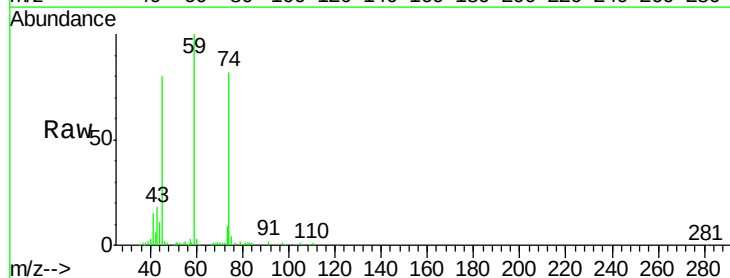
Tot Ion	Ratio	Lower	Upper
101	100		
103	55.9	51.3	76.9

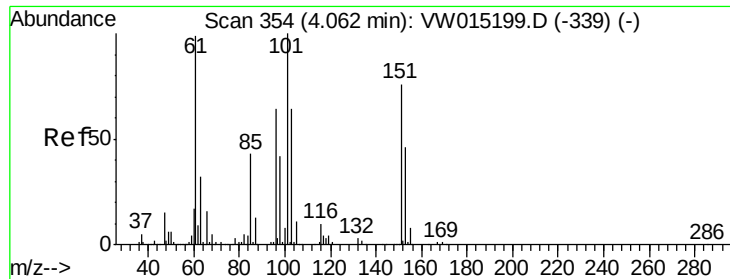


#8

Diethyl Ether
 Concen: 7.902 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.092 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

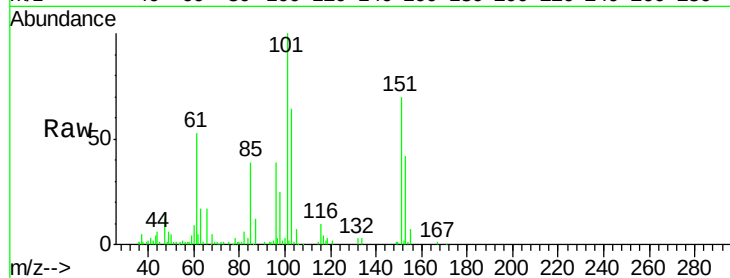
Tot Ion:101 Resp: 63257

Ion Ratio Lower Upper

101 100

85 43.2 35.3 52.9

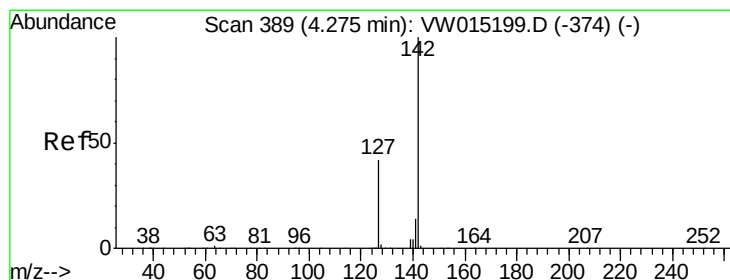
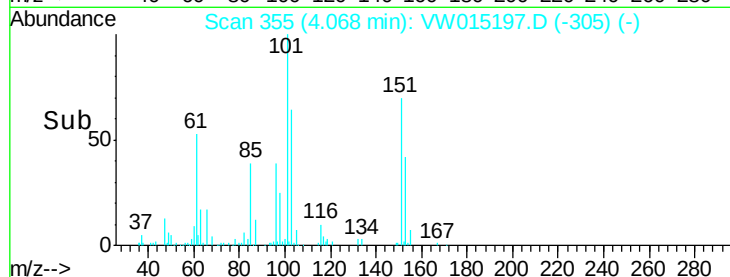
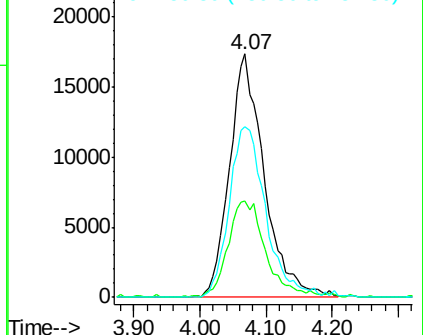
151 73.9 59.3 88.9



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: 10.371 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

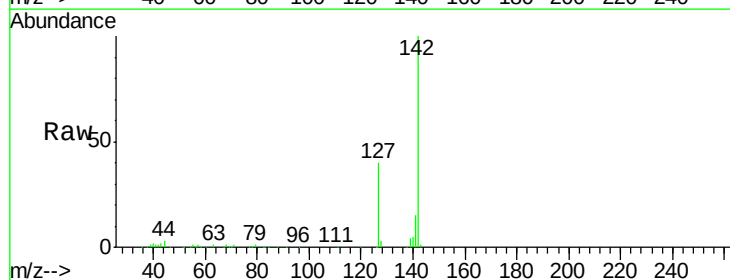
Tgt Ion:142 Resp: 94038

Ion Ratio Lower Upper

142 100

127 41.6 33.9 50.9

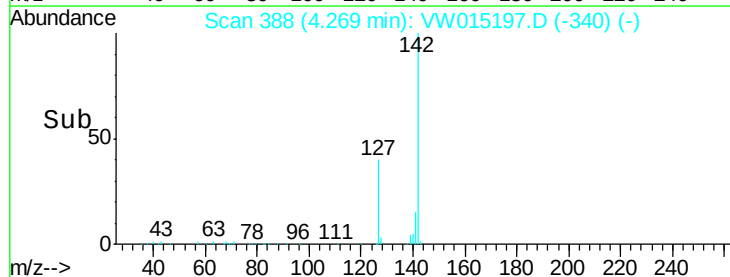
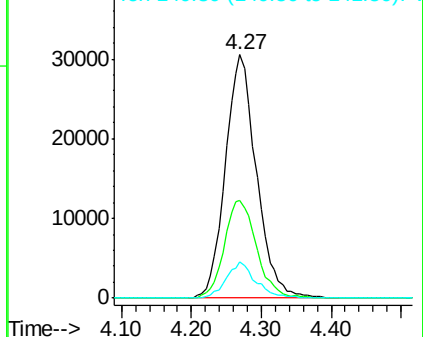
141 14.1 11.4 17.2

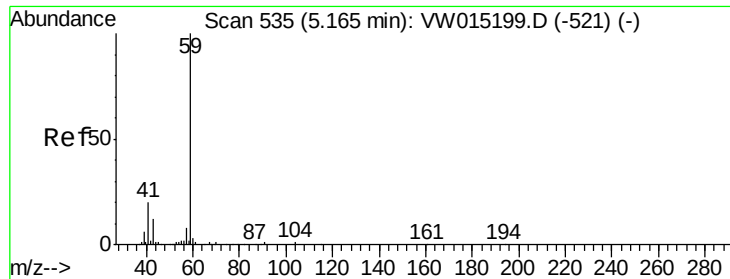


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

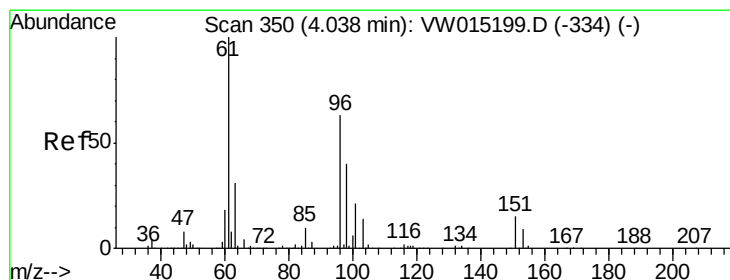
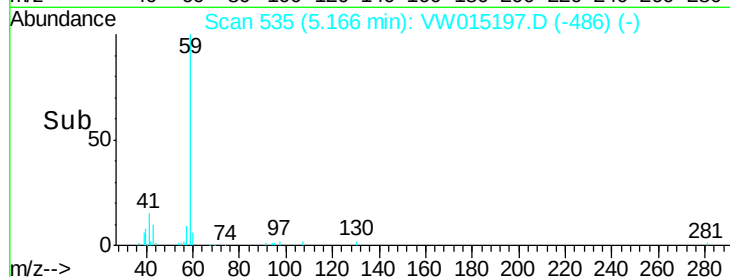
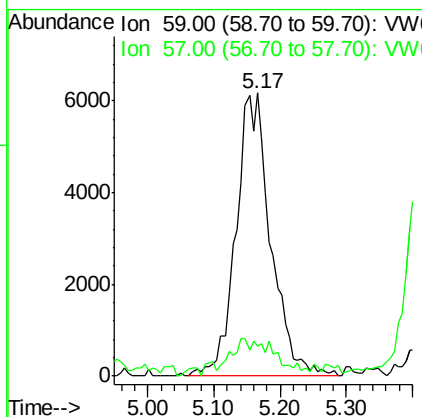
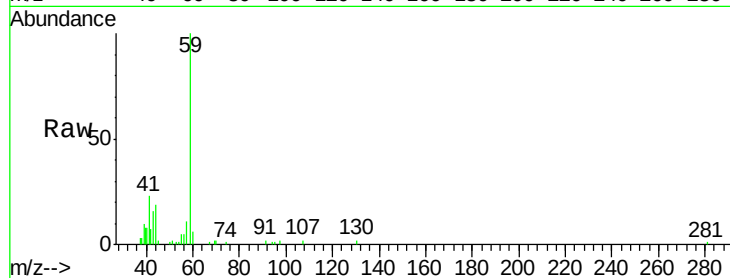




#11
Tert butyl alcohol
Concen: 44.609 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

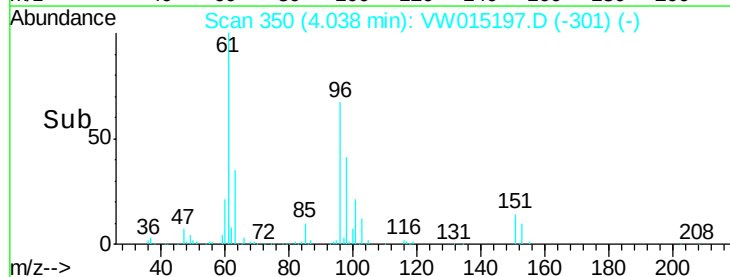
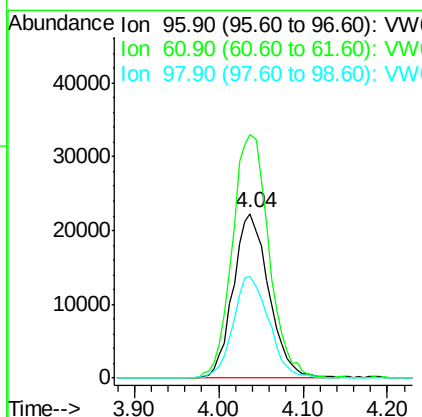
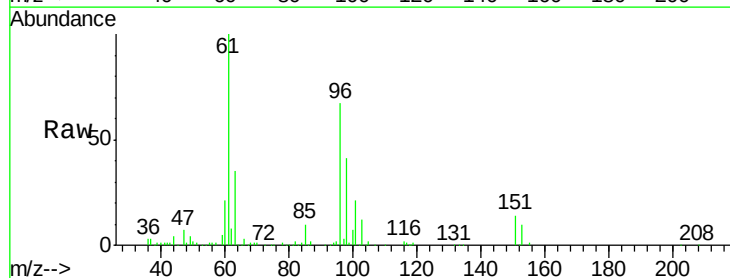
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

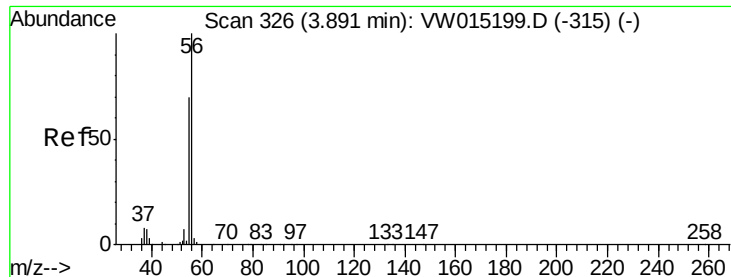
Tot Ion: 59 Resp: 22468
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 8.354 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 96 Resp: 63993
Ion Ratio Lower Upper
96 100
61 147.8 127.0 190.4
98 61.0 51.0 76.4





#13

Acrolein

Concen: 32.425 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampled :

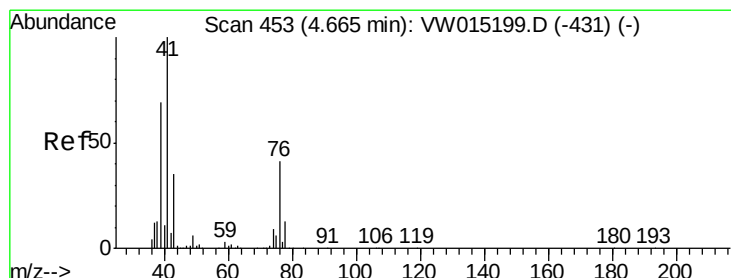
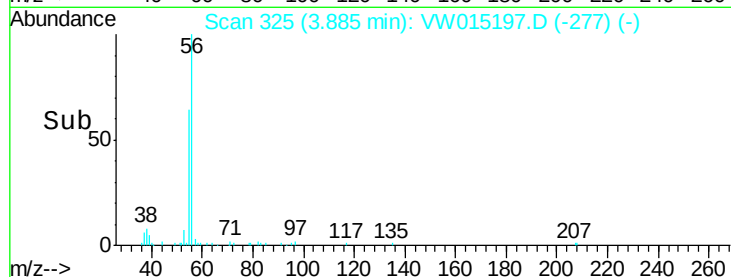
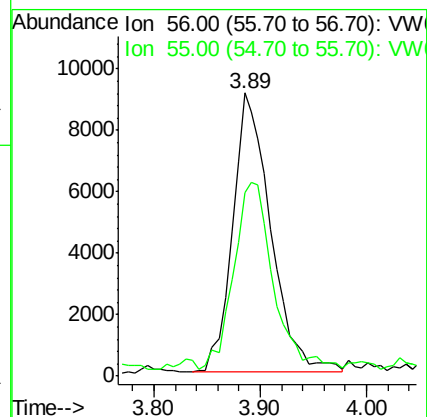
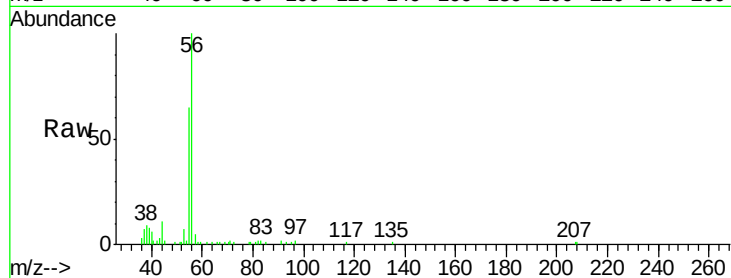
VSTDIC010

Tot Ion: 56 Resp: 22748

Ion Ratio Lower Upper

56 100

55 68.6 56.2 84.2



#14

Allyl chloride

Concen: 6.460 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

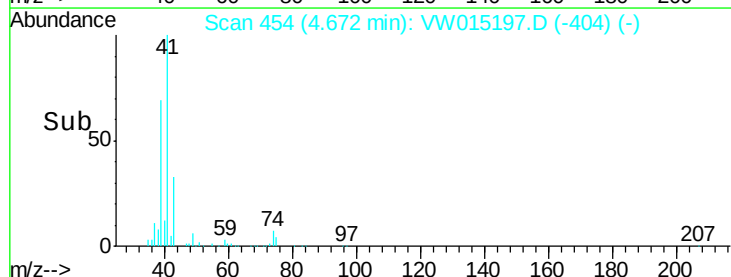
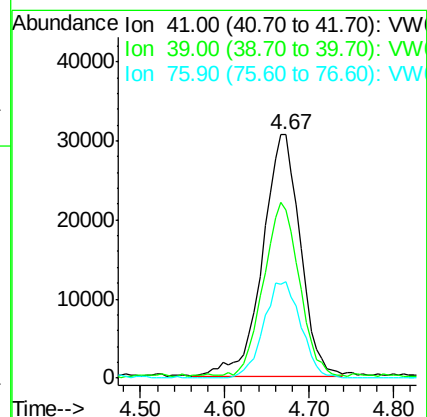
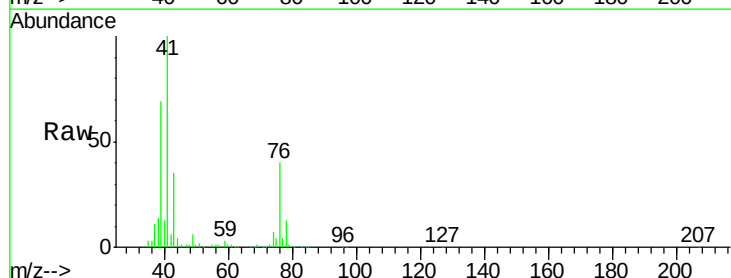
Tgt Ion: 41 Resp: 94697

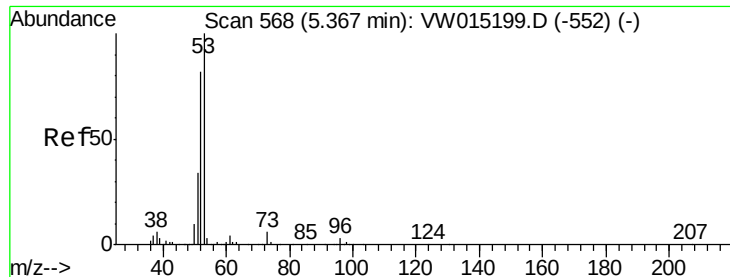
Ion Ratio Lower Upper

41 100

39 67.8 54.0 81.0

76 39.4 31.8 47.6





#15

Acrylonitrile

Concen: 33.213 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

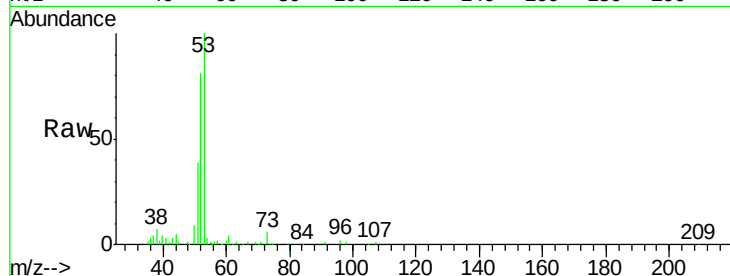
Tot Ion: 53 Resp: 63894

Ion Ratio Lower Upper

53 100

52 80.2 65.2 97.8

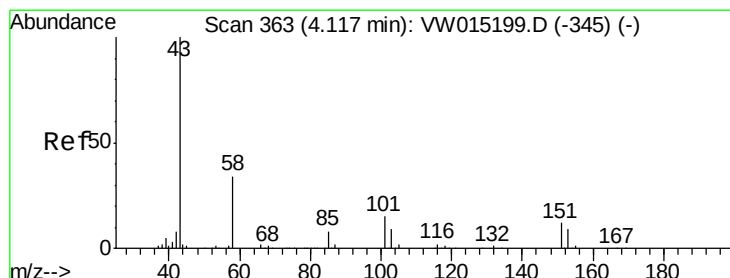
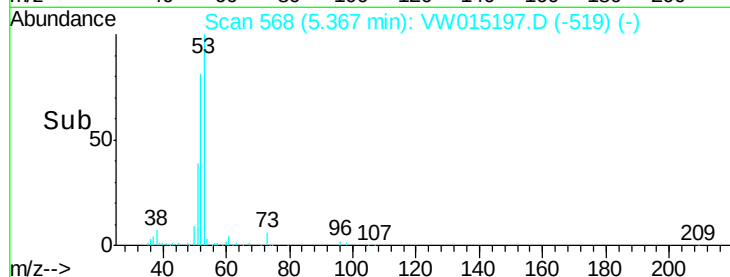
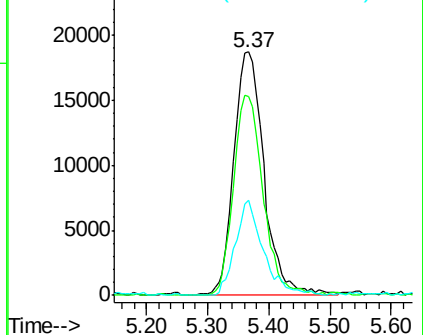
51 35.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 28.490 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015197.D

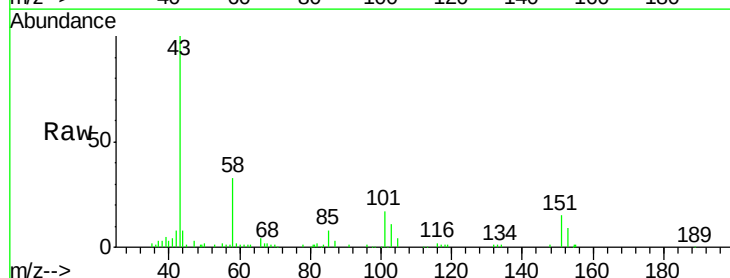
Acq: 15 Apr 2020 12:22

Tgt Ion: 43 Resp: 53390

Ion Ratio Lower Upper

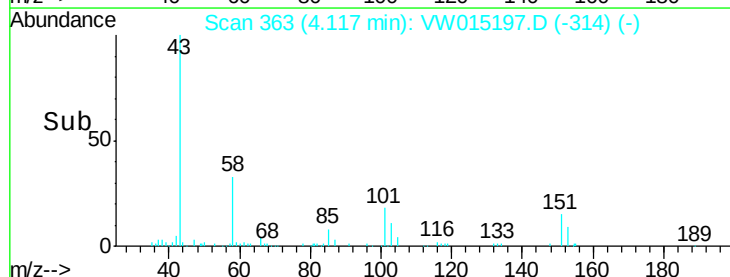
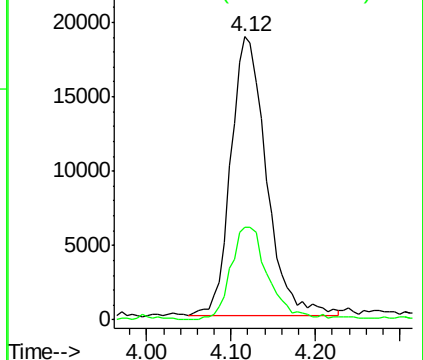
43 100

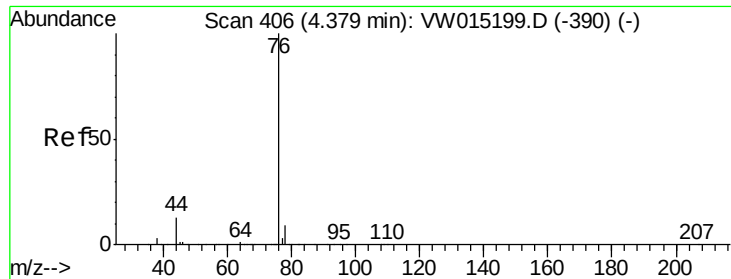
58 32.9 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

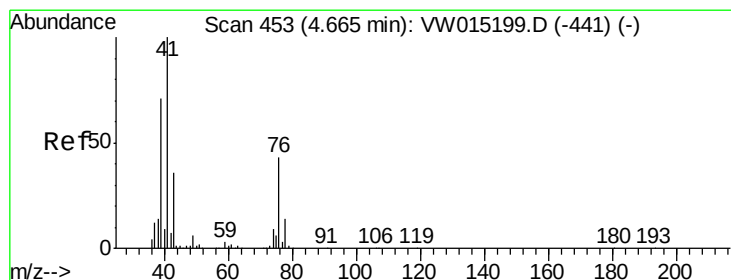
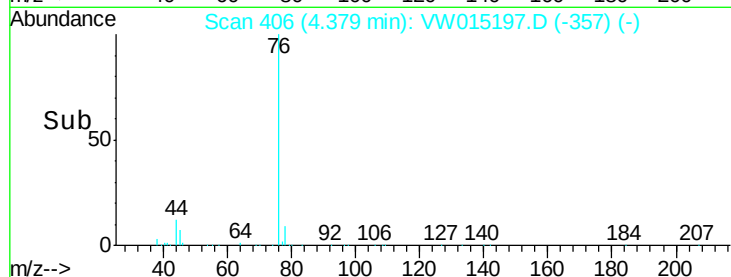
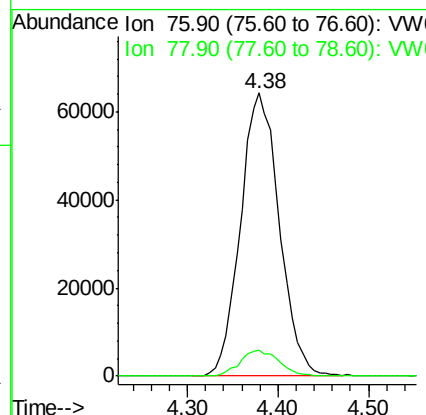
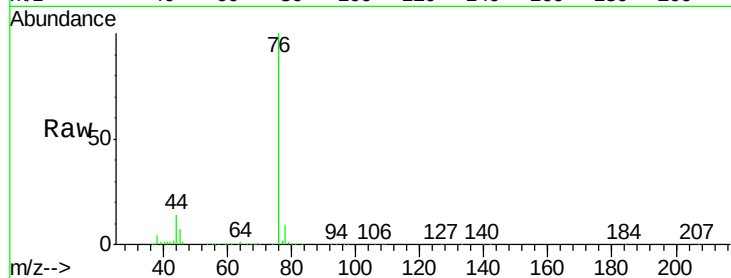




#17
Carbon Disulfide
Concen: 7.159 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

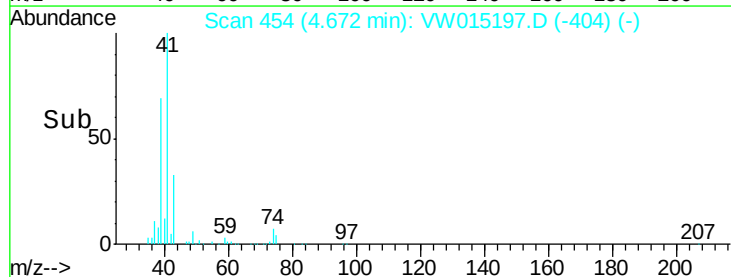
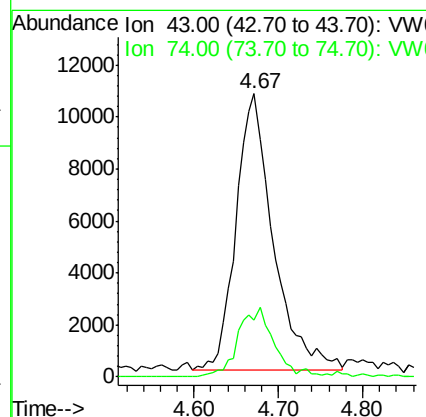
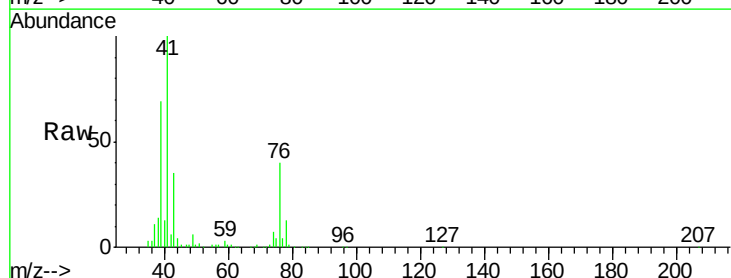
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

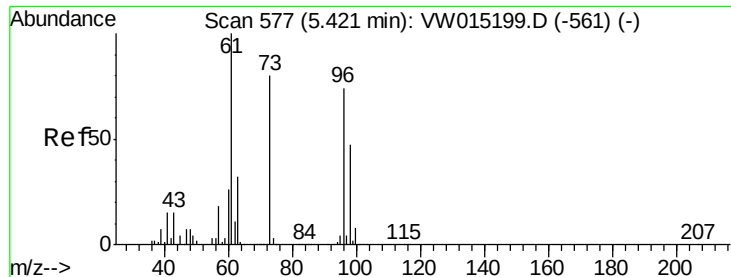
Tot Ion: 76 Resp: 190575
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 6.918 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 43 Resp: 31946
Ion Ratio Lower Upper
43 100
74 24.1 20.6 31.0

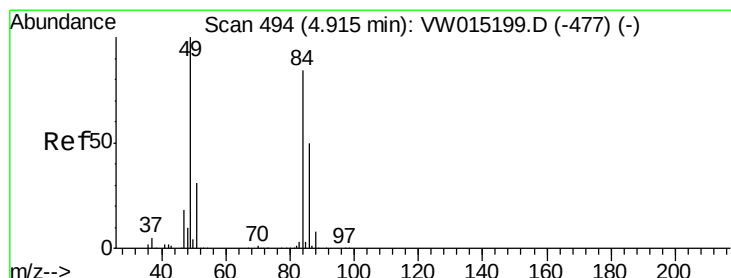
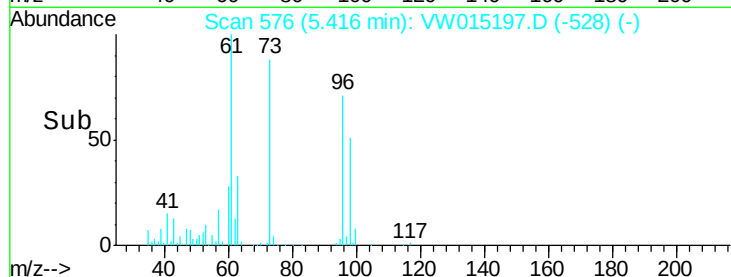
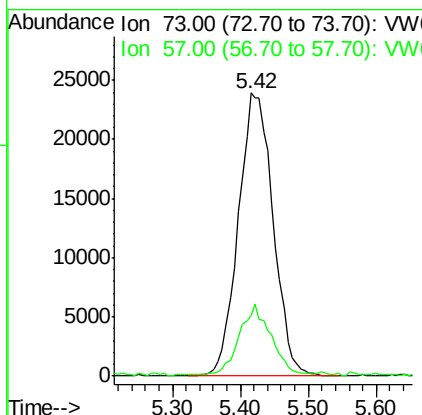
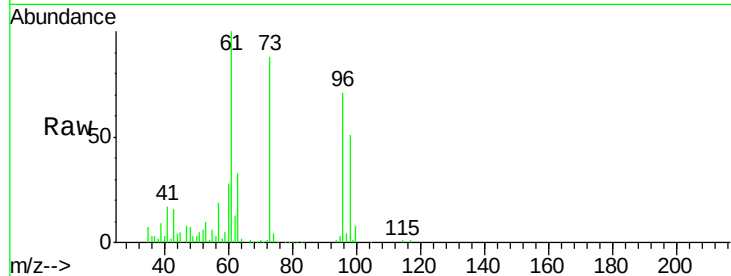




#19
Methyl tert-butyl Ether
Concen: 8.766 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

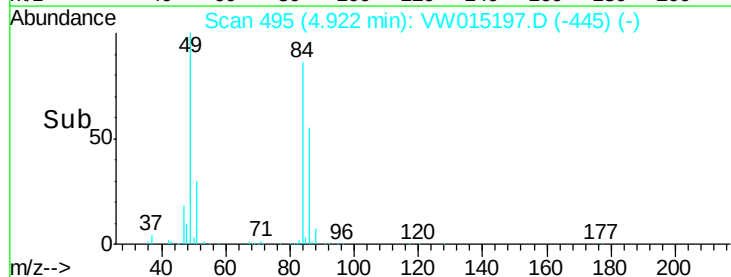
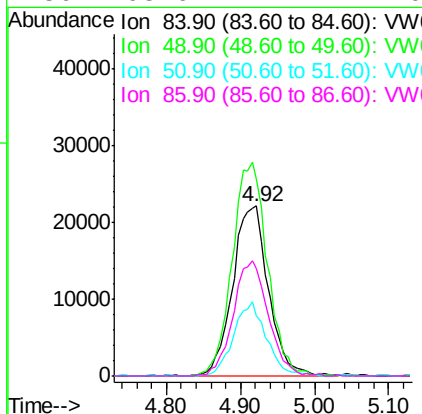
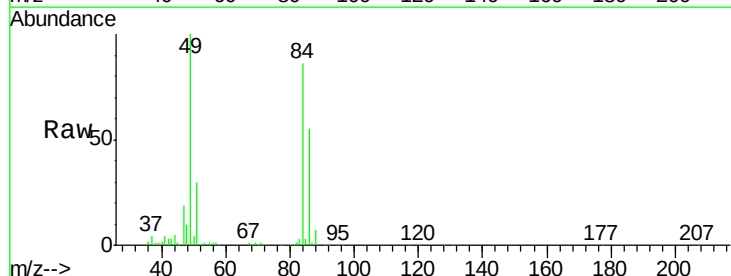
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

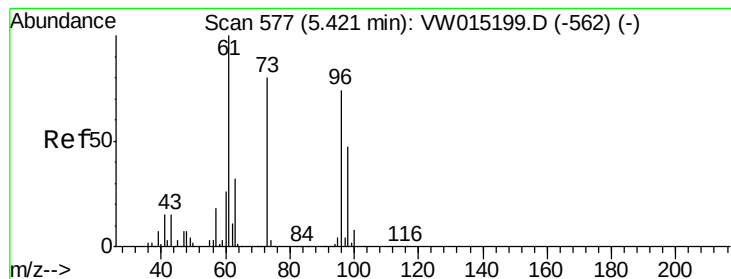
Tot Ion: 73 Resp: 85035
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.6



#20
Methylene Chloride
Concen: 8.070 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 84 Resp: 74713
Ion Ratio Lower Upper
84 100
49 116.1 95.4 143.0
51 35.4 29.8 44.8
86 63.6 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 8.296 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

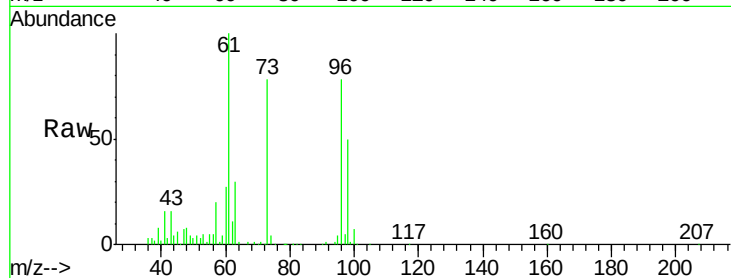
Tot Ion: 96 Resp: 67205

Ion Ratio Lower Upper

96 100

61 128.8 107.8 161.6

98 64.7 50.2 75.2

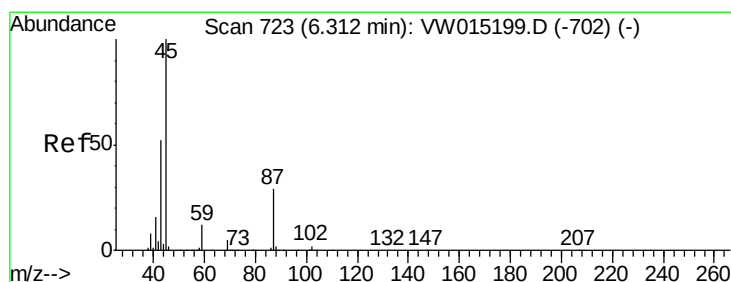
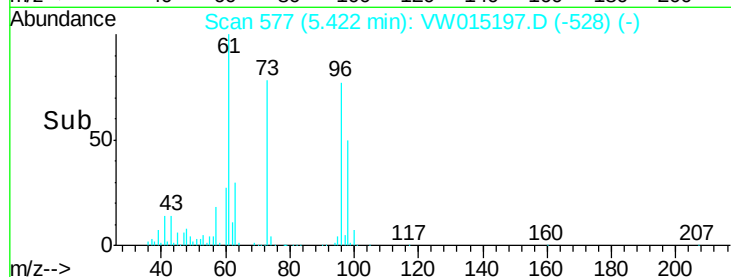
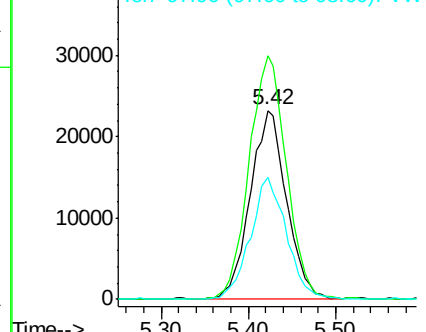


Abundance

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



#22

Diisopropyl ether

Concen: 6.732 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Tgt Ion: 45 Resp: 188957

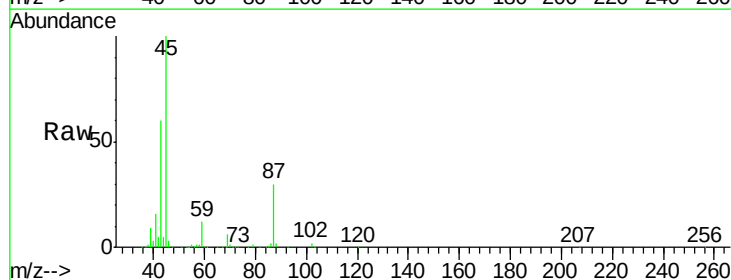
Ion Ratio Lower Upper

45 100

43 59.1 41.8 62.6

87 29.6 23.2 34.8

59 11.8 9.6 14.4



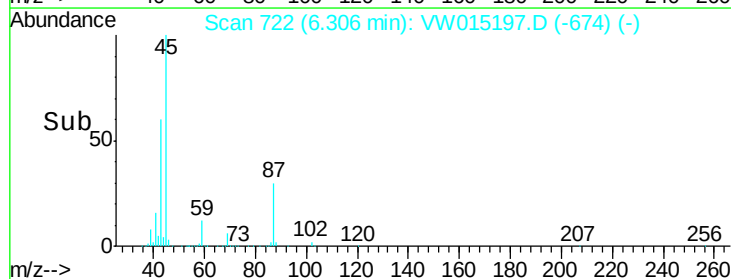
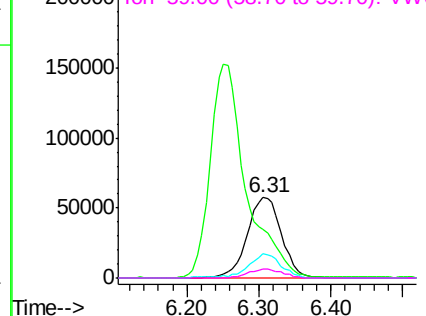
Abundance

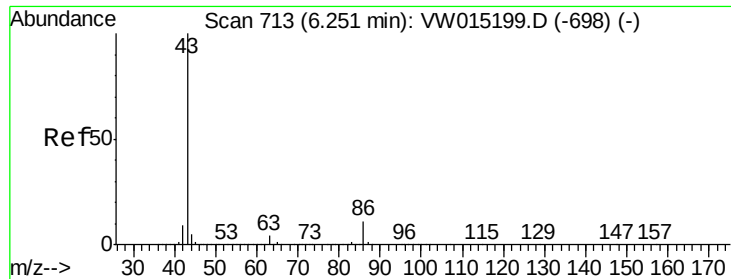
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

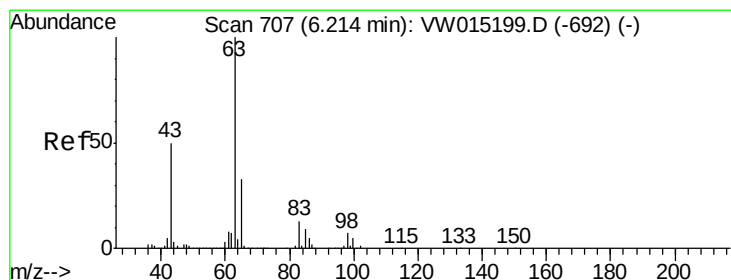
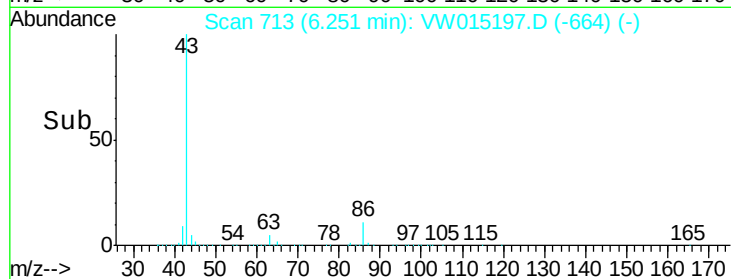
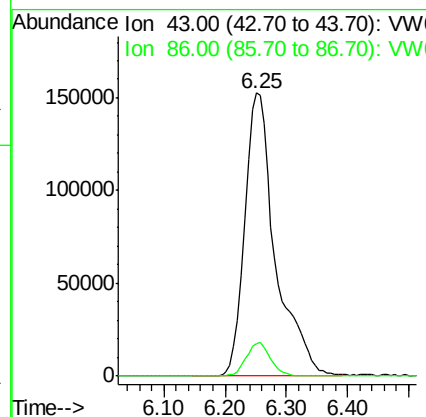
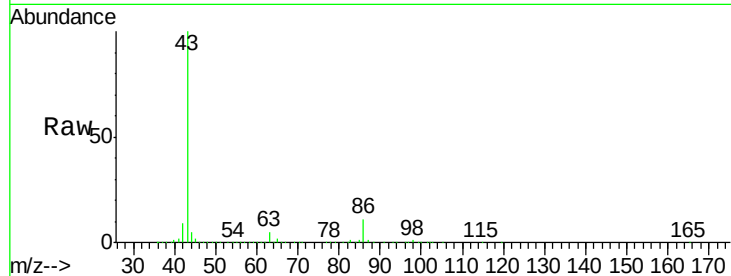




#23
 Vinyl Acetate
 Concen: 32.086 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

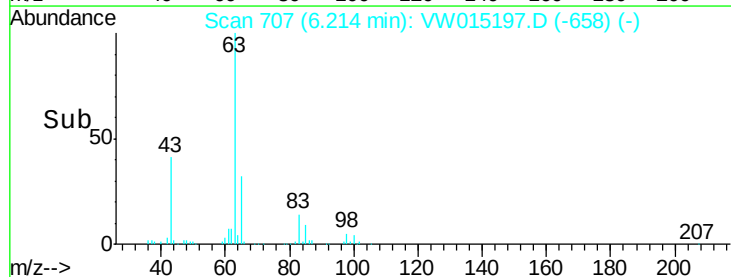
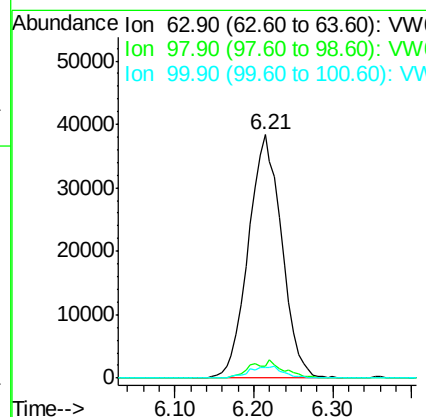
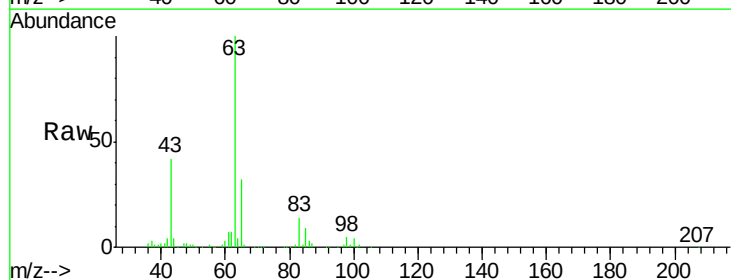
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

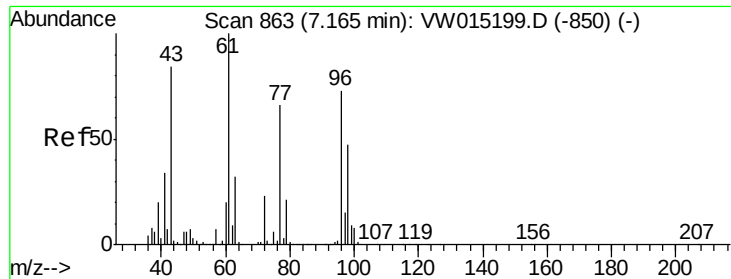
Tot Ion: 43 Resp: 528191
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 6.790 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion: 63 Resp: 112777
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.6 10.9
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 30.201 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

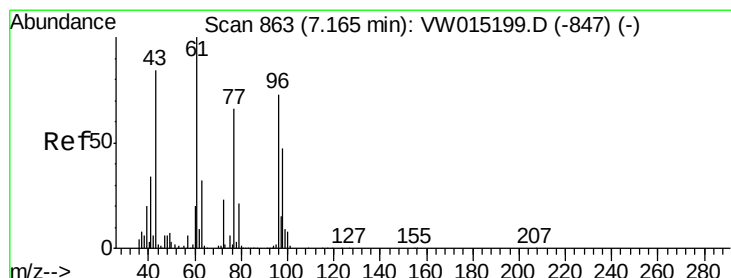
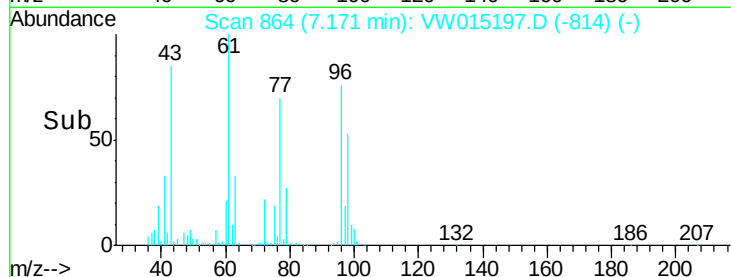
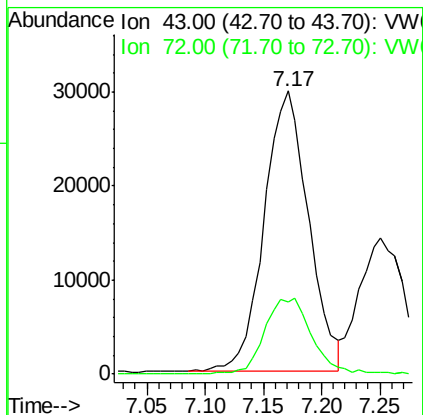
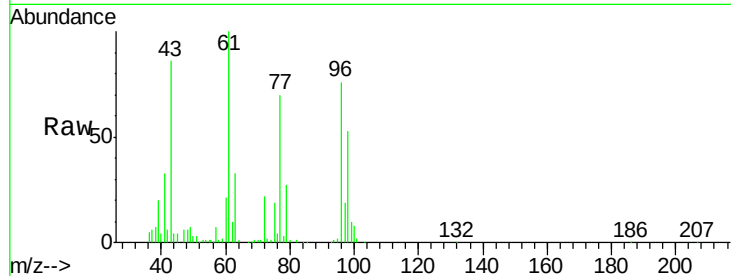
VSTDIC010

Tot Ion: 43 Resp: 78540

Ion Ratio Lower Upper

43 100

72 25.5 21.6 32.4



#26

2,2-Dichloropropane

Concen: 8.008 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015197.D

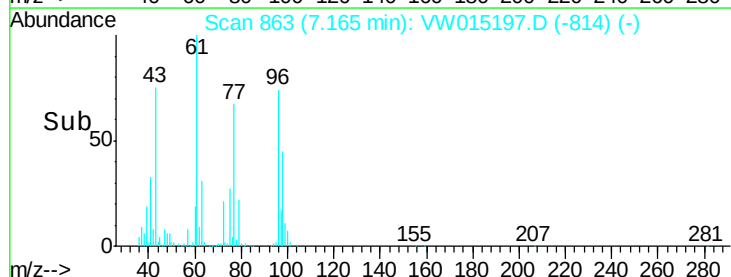
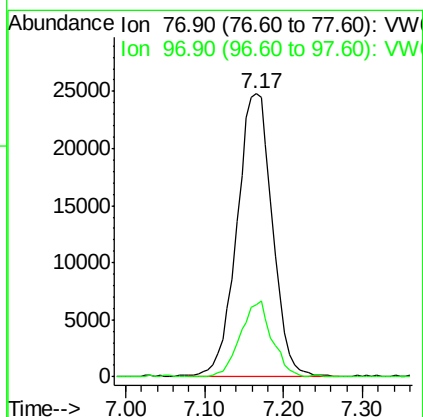
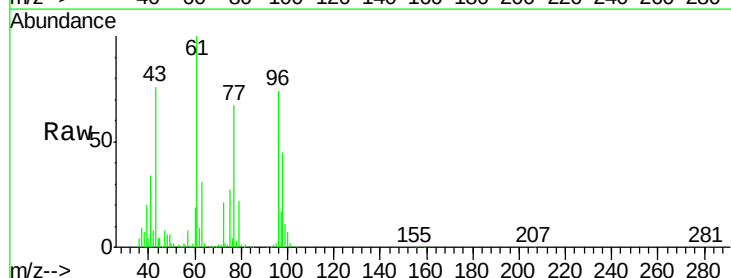
Acq: 15 Apr 2020 12:22

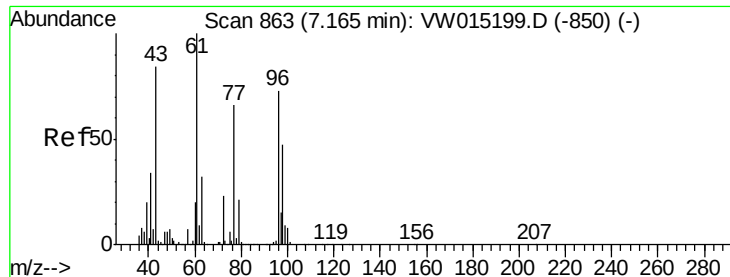
Tgt Ion: 77 Resp: 77528

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.5



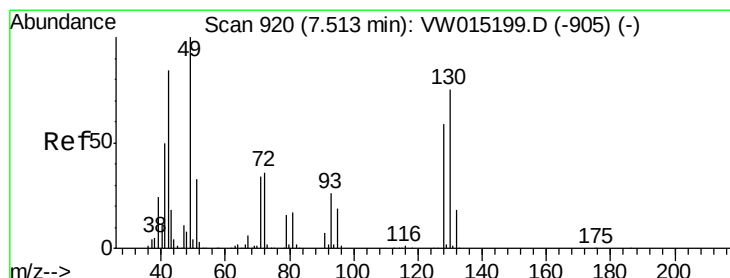
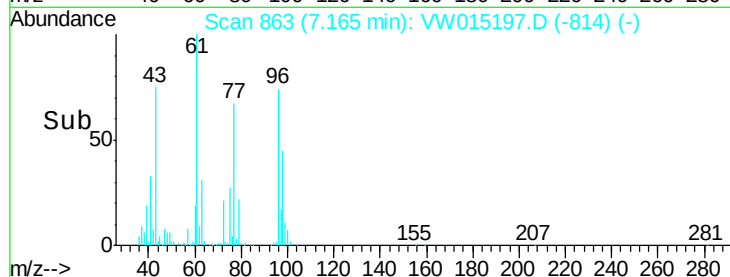
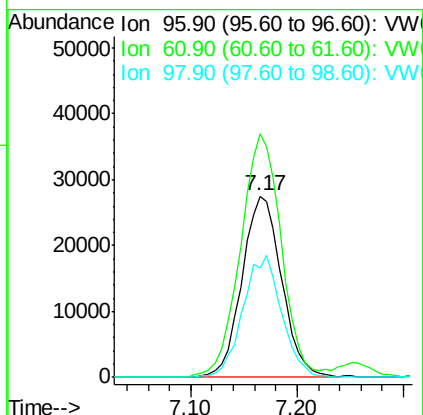
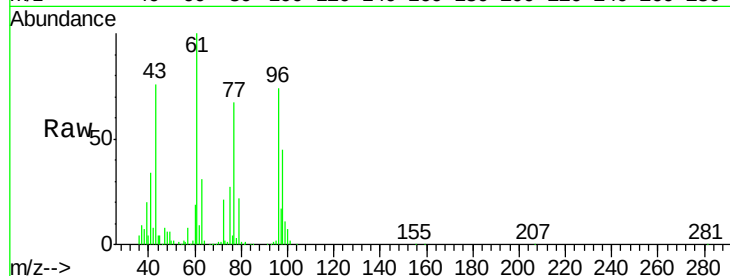


#27

cis-1,2-Dichloroethene
 Concen: 8.517 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

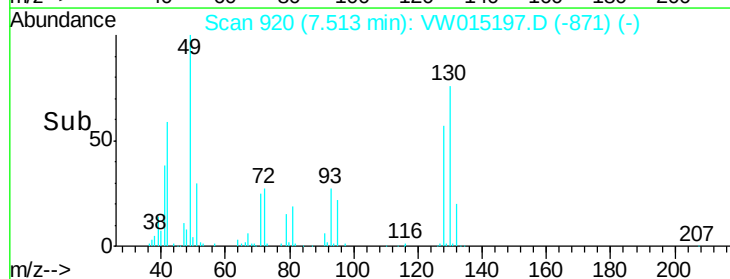
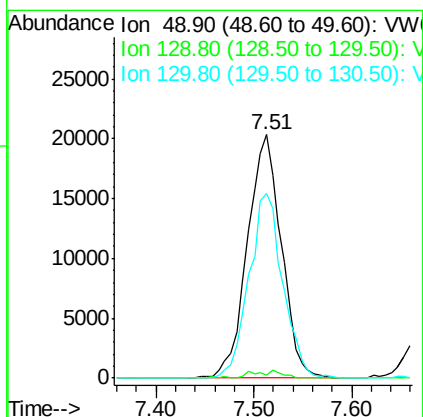
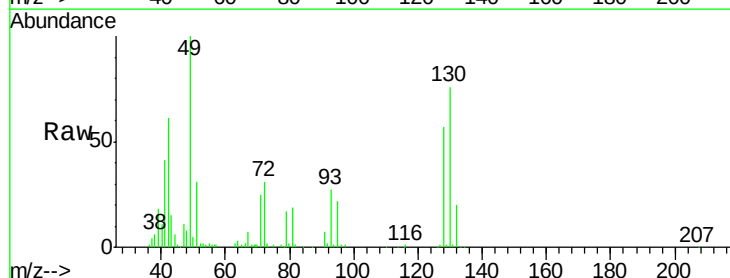
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	275.0
98	65.6	0.0	130.8

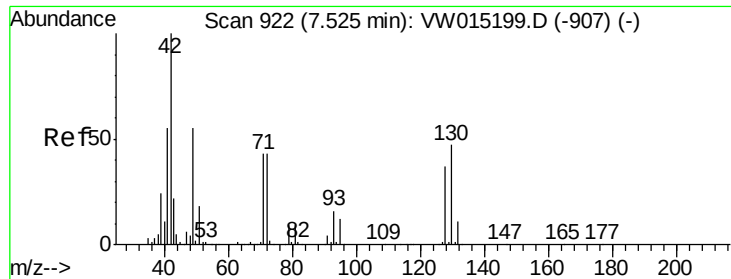


#28

Bromochloromethane
 Concen: 6.328 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	75.8	60.9	91.3

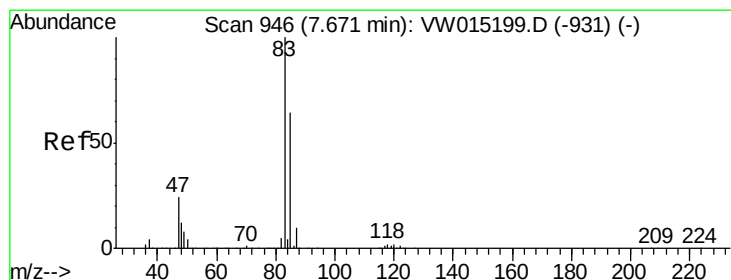
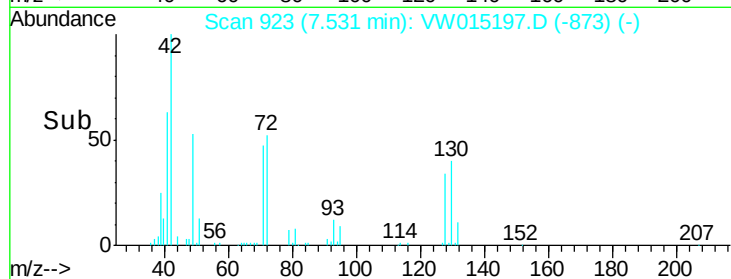
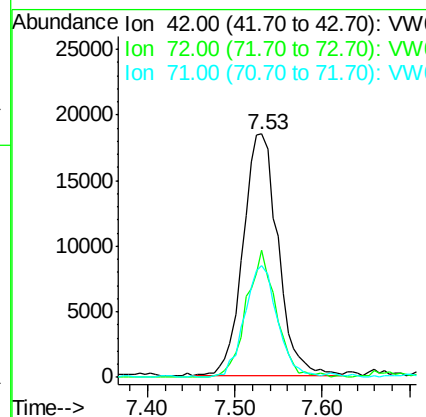
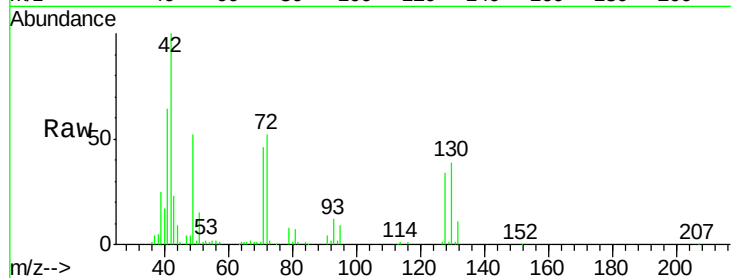




#29
Tetrahydrofuran
Concen: 31.380 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

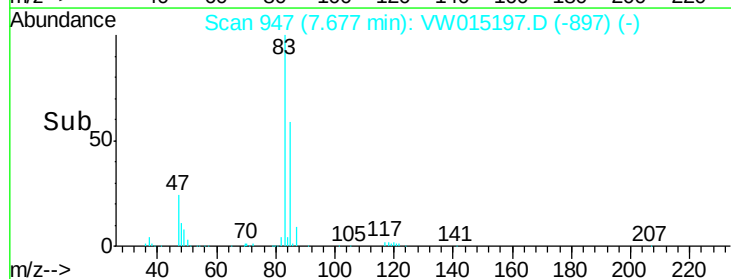
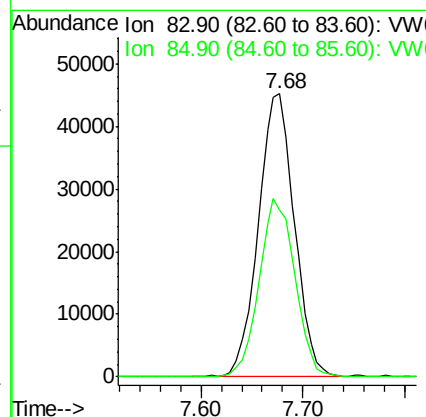
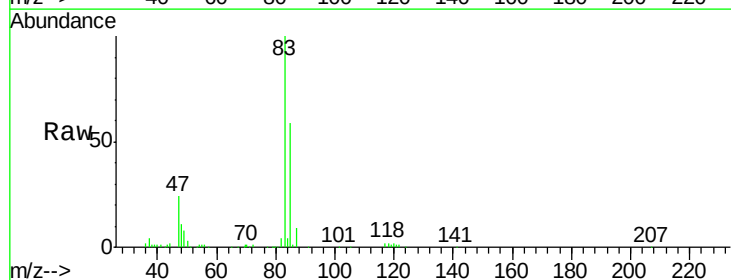
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

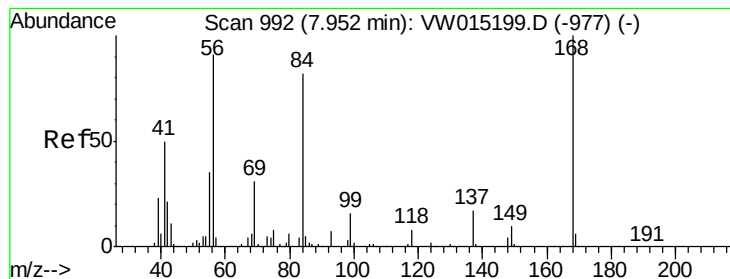
Tot Ion: 42 Resp: 51193
Ion Ratio Lower Upper
42 100
72 45.3 36.2 54.2
71 42.7 34.2 51.4



#30
Chloroform
Concen: 7.436 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 83 Resp: 111023
Ion Ratio Lower Upper
83 100
85 59.0 50.9 76.3





#31

Cyclohexane

Concen: 7.252 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

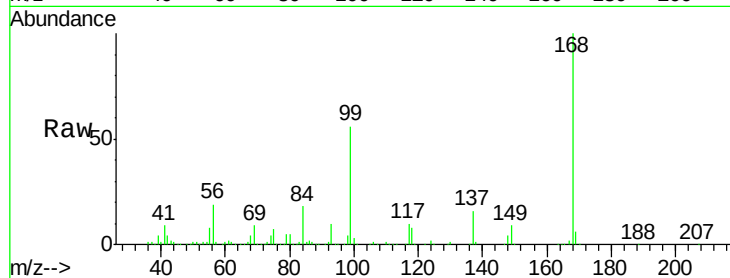
Tot Ion: 56 Resp: 124145

Ion Ratio Lower Upper

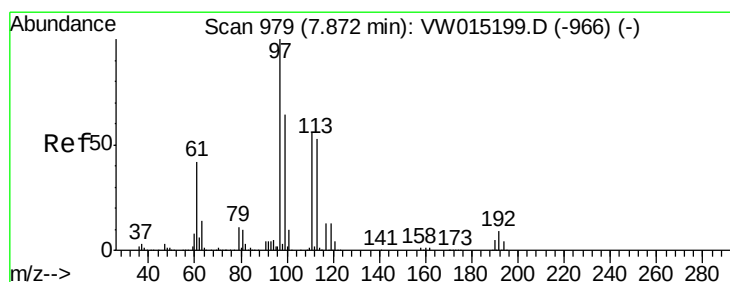
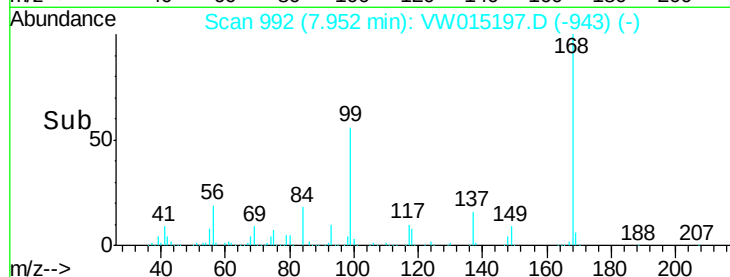
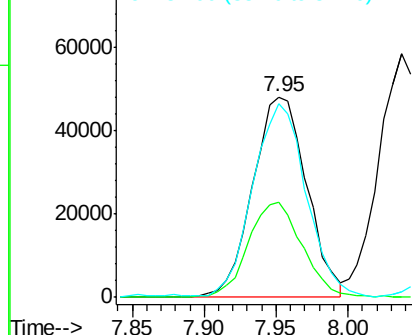
56 100

69 47.4 27.1 40.7#

84 96.4 71.9 107.9



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: 8.021 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

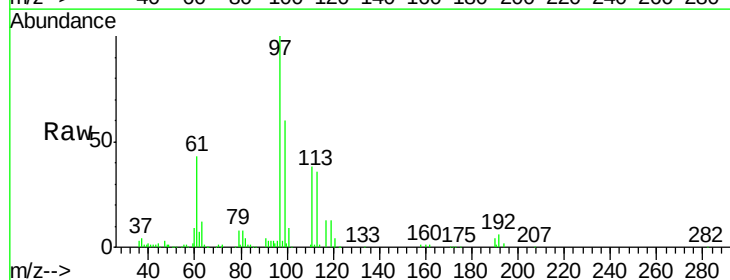
Tgt Ion: 97 Resp: 94136

Ion Ratio Lower Upper

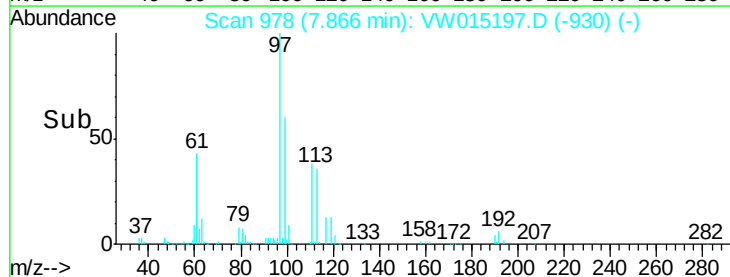
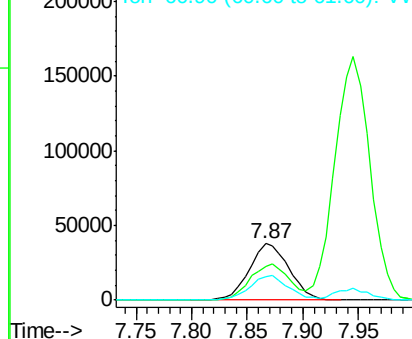
97 100

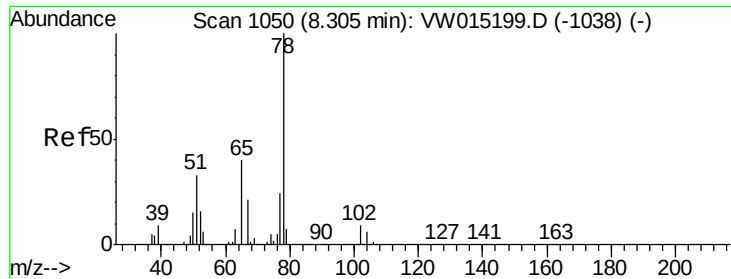
99 63.9 52.2 78.2

61 43.3 34.2 51.2



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

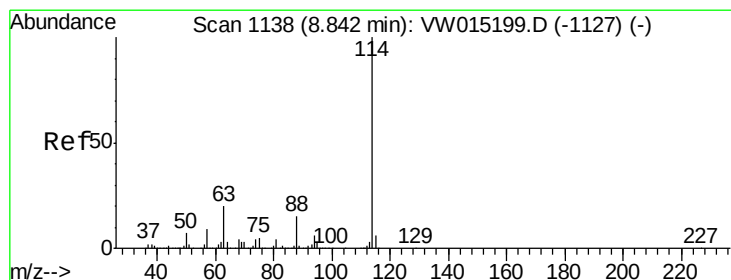
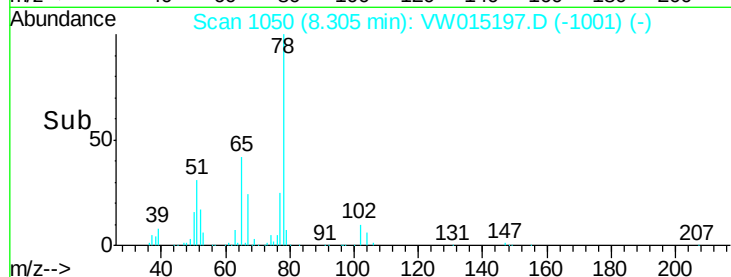
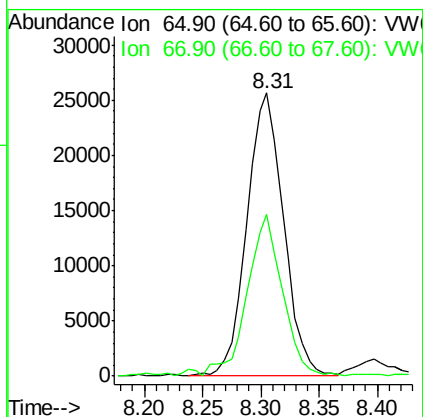
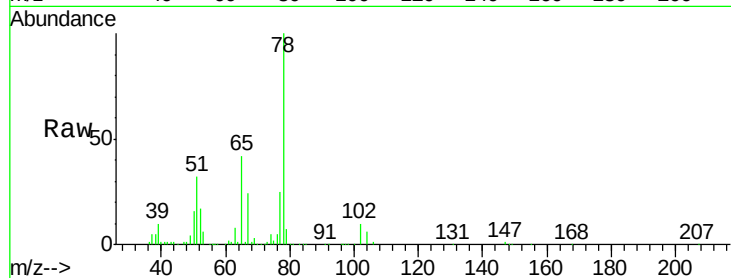




#33
 1,2-Dichloroethane-d4
 Concen: 6.659 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

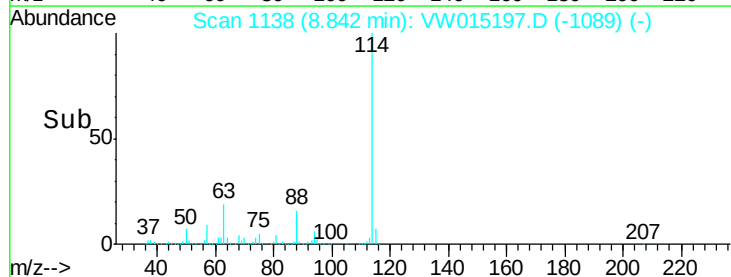
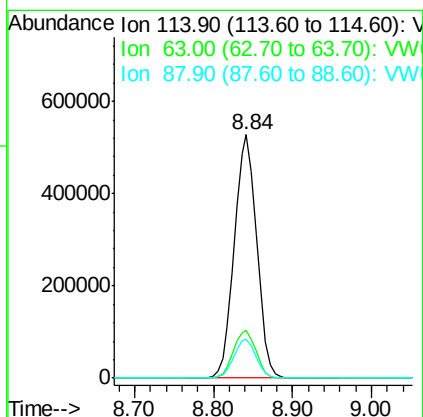
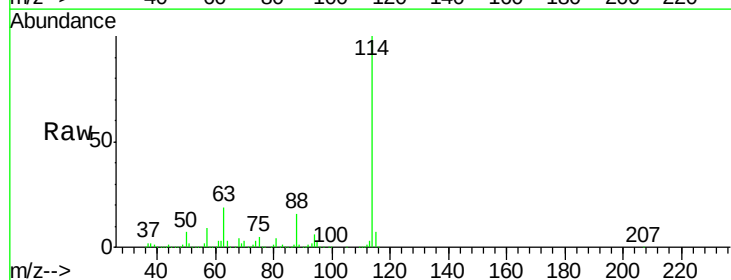
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

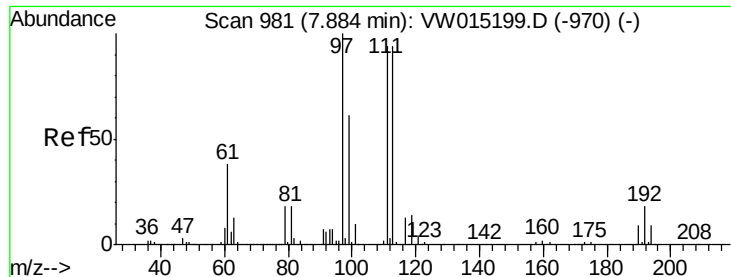
Tot Ion: 65 Resp: 56485
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion: 114 Resp: 1040663
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 9.598 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

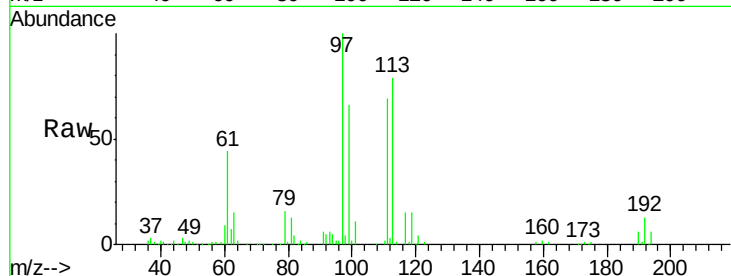
Tot Ion:113 Resp: 58750

Ion Ratio Lower Upper

113 100

111 100.2 83.0 124.4

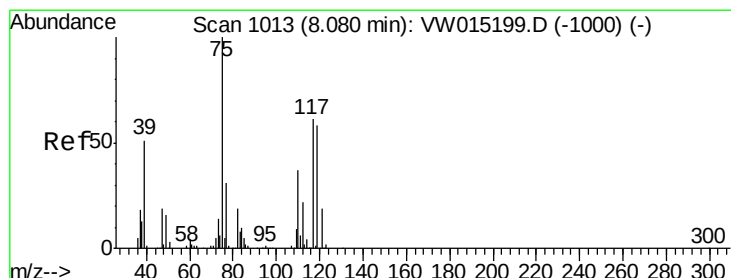
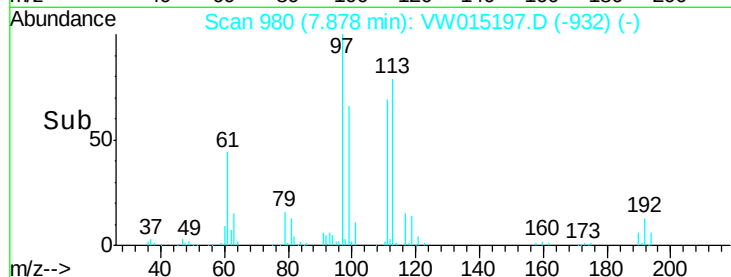
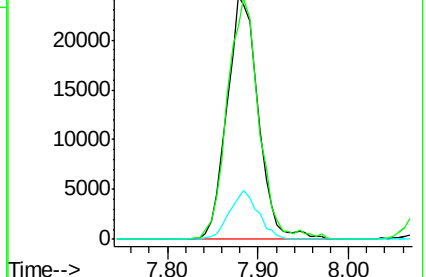
192 18.4 15.1 22.7



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: 8.257 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

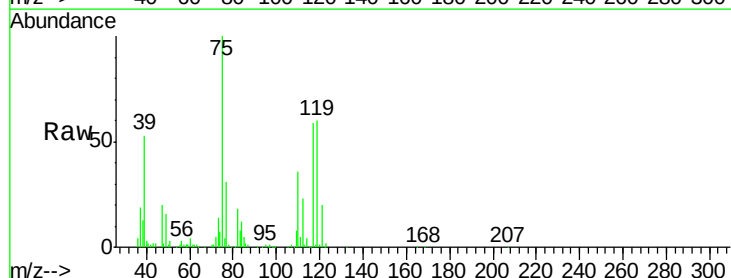
Tgt Ion: 75 Resp: 95502

Ion Ratio Lower Upper

75 100

110 36.0 18.2 54.6

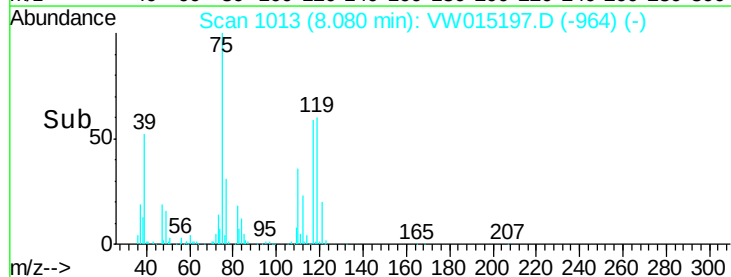
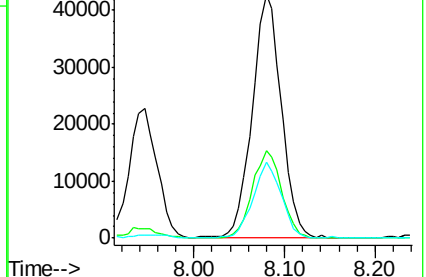
77 29.8 24.5 36.7

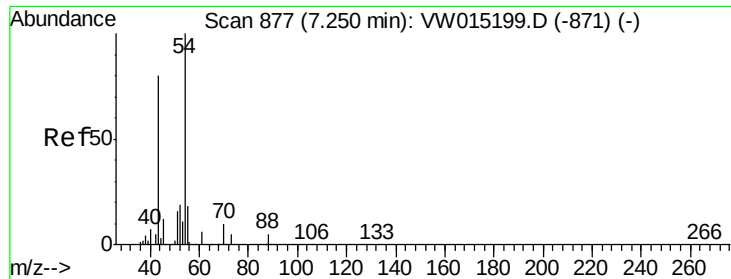


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

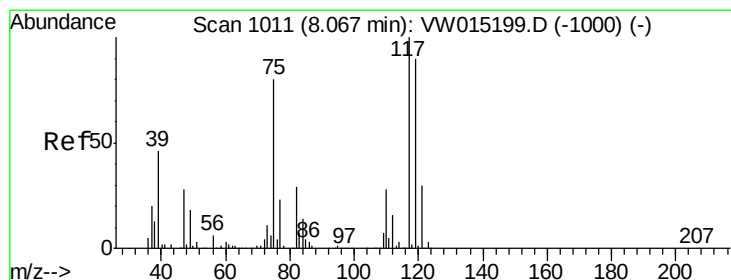
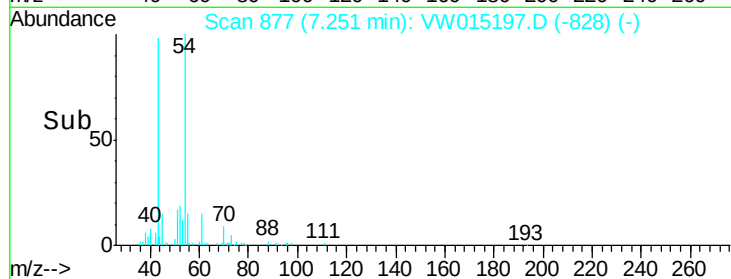
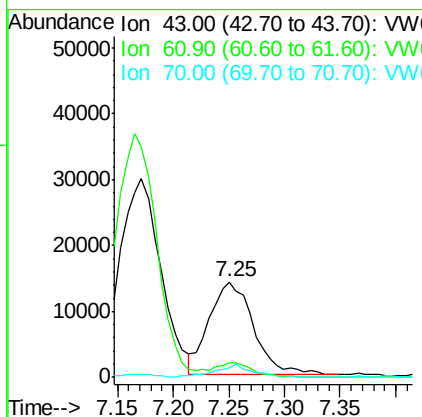
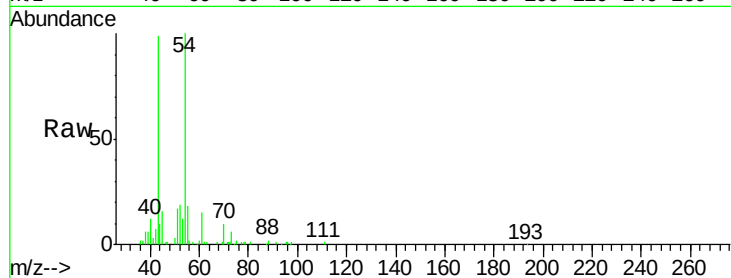




#37
Ethyl Acetate
Concen: 6.976 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

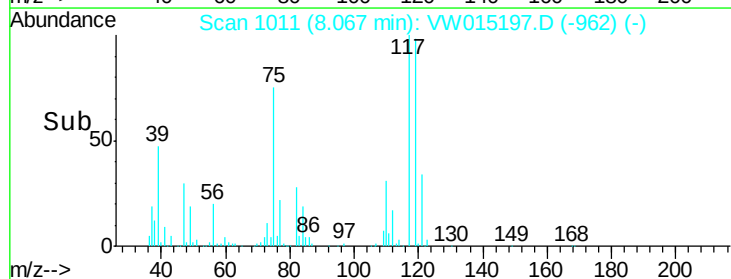
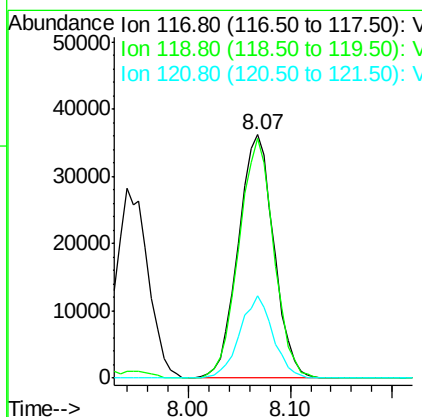
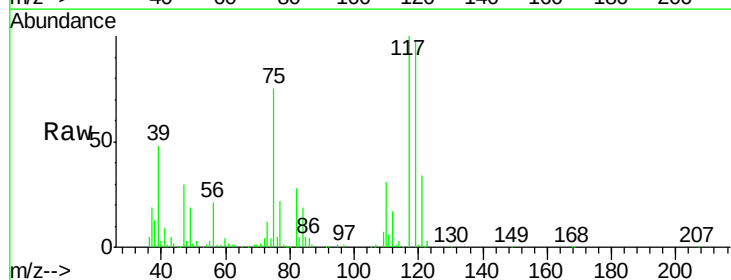
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

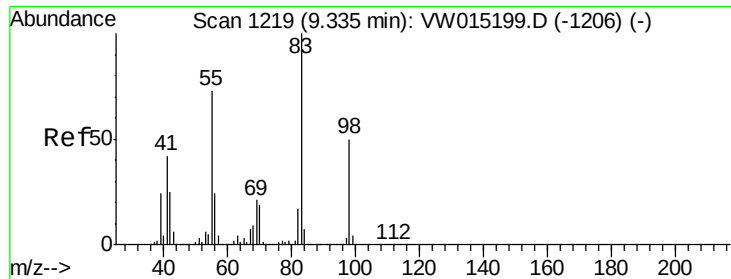
Tot Ion	43	Ratio	100	Resp	39123
Ion	43	100		Lower	Upper
	61	11.7		11.9	17.9#
	70	12.0		8.8	13.2



#38
Carbon Tetrachloride
Concen: 9.110 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion	117	Ratio	100	Resp	87926
Ion	117	100		Lower	Upper
	119	98.5		72.3	108.5
	121	33.8		23.7	35.5

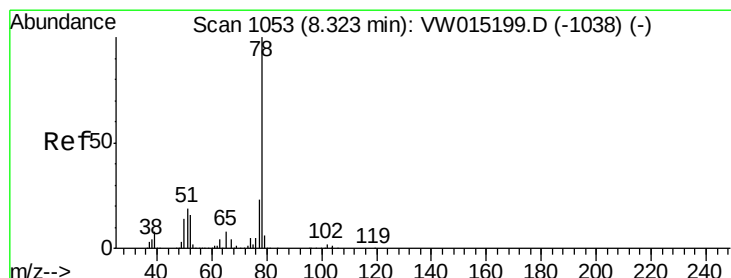
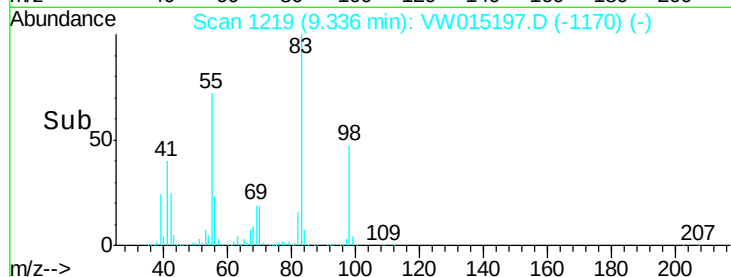
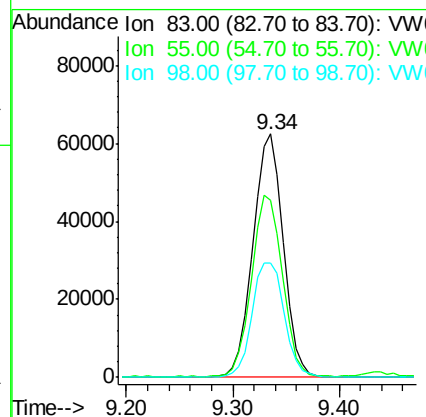
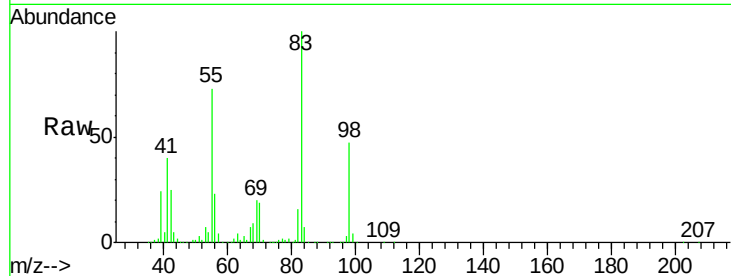




#39
Methylvlcyclohexane
Concen: 9.250 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

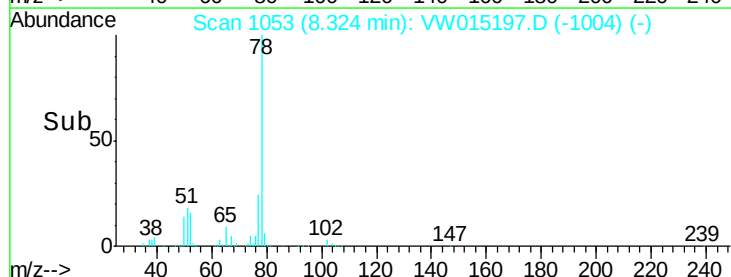
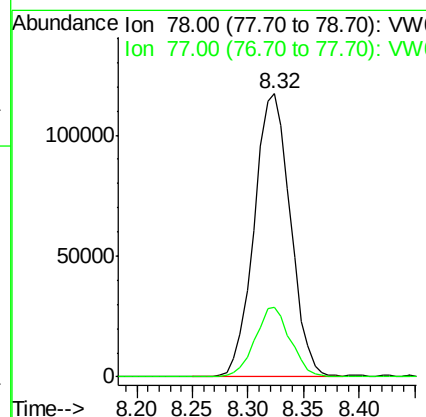
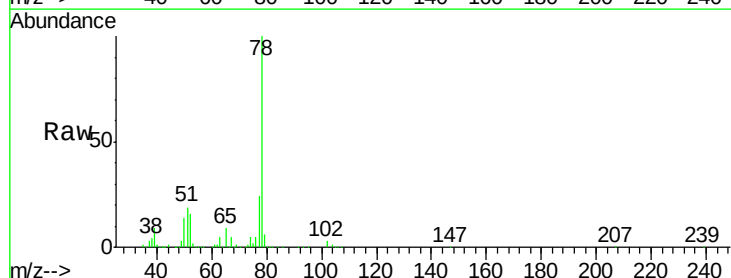
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

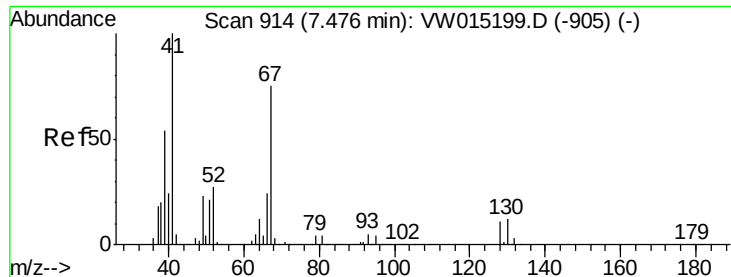
Tot Ion: 83 Resp: 125090
Ion Ratio Lower Upper
83 100
55 72.0 58.1 87.1
98 47.1 40.2 60.4



#40
Benzene
Concen: 8.217 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 78 Resp: 265960
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.2

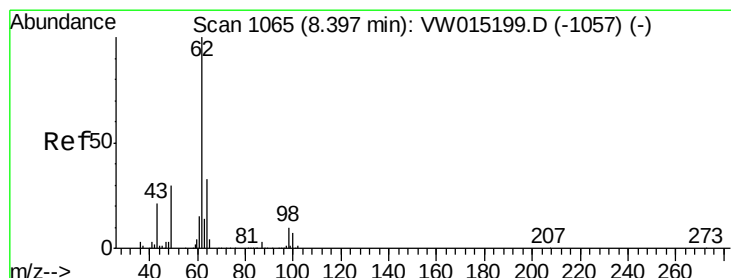
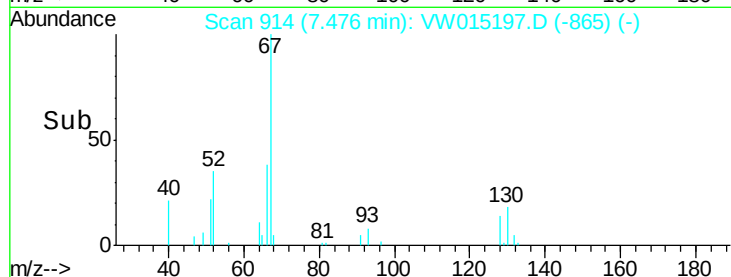
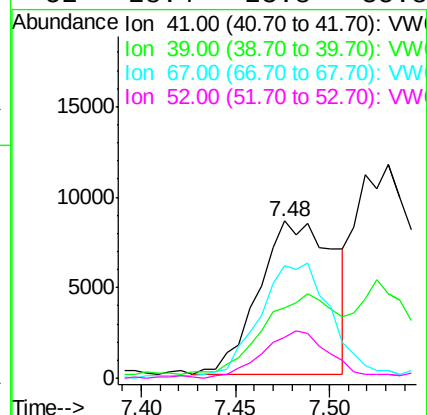
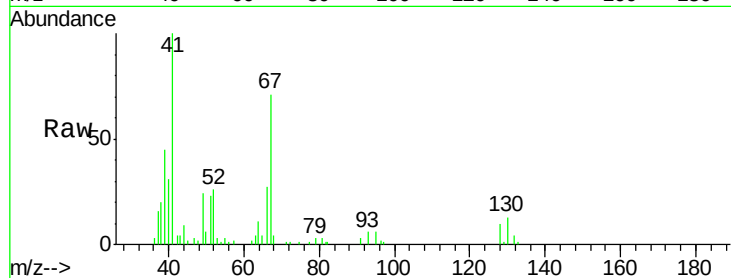




#41
Methacrylonitrile
Concen: 7.792 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

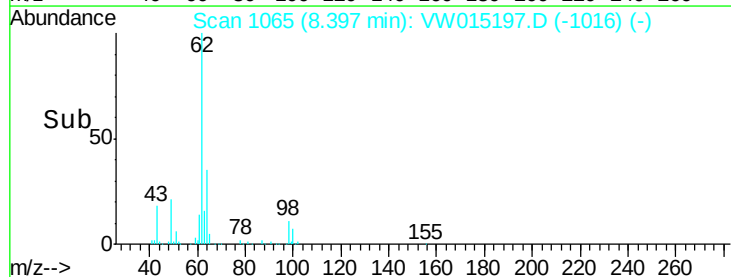
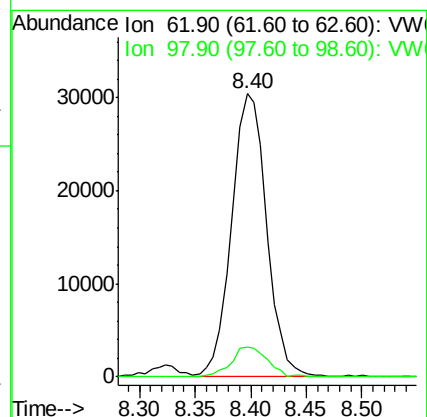
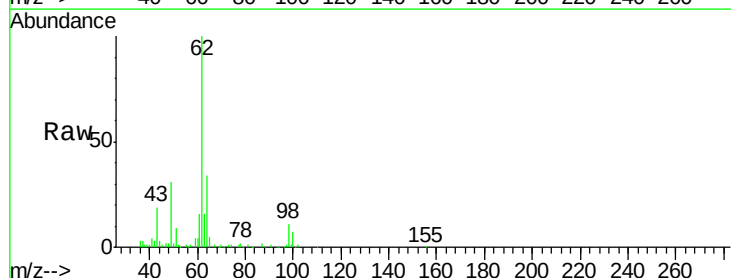
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

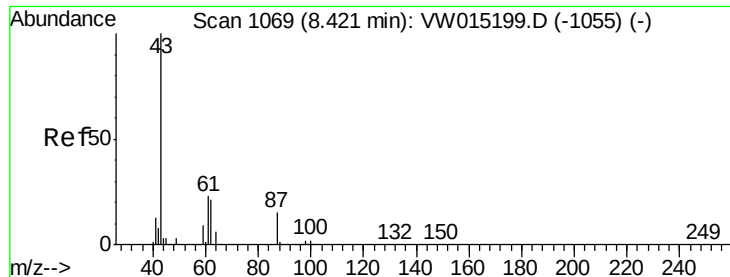
Tot Ion:	41	Resp:	23405
Ion	Ratio	Lower	Upper
41	100		
39	49.9	41.9	62.9
67	70.6	60.6	91.0
52	28.4	23.8	35.8



#42
1,2-Dichloroethane
Concen: 6.852 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion:	62	Resp:	65935
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 7.230 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

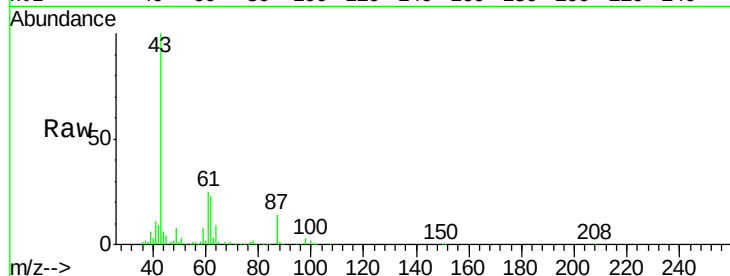
Tot Ion: 43 Resp: 73493

Ion Ratio Lower Upper

43 100

61 31.8 24.8 37.2

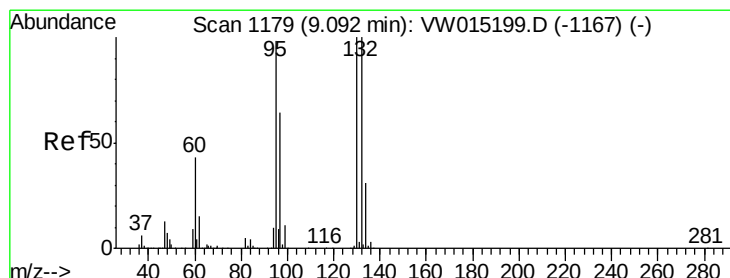
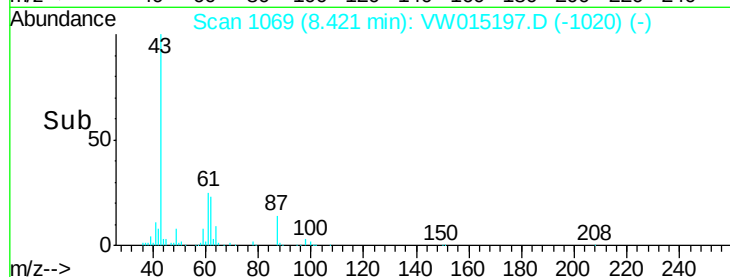
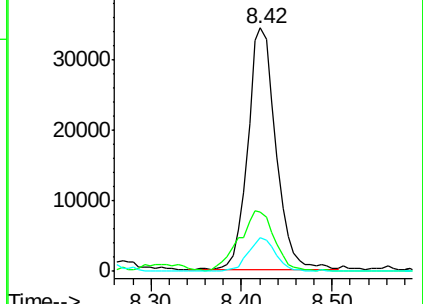
87 13.7 11.4 17.2



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: 9.937 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015197.D

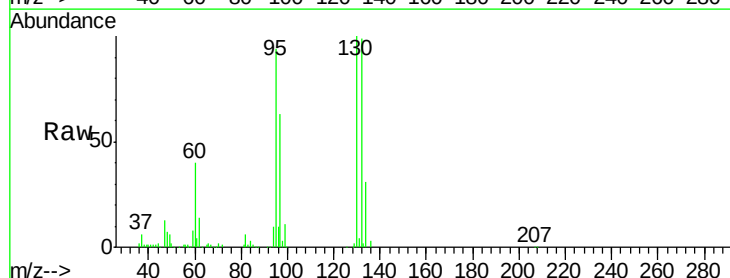
Acq: 15 Apr 2020 12:22

Tgt Ion: 130 Resp: 70897

Ion Ratio Lower Upper

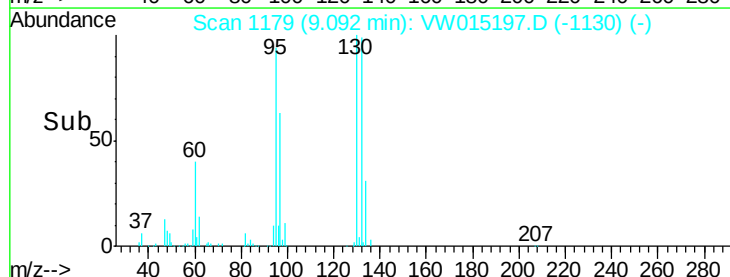
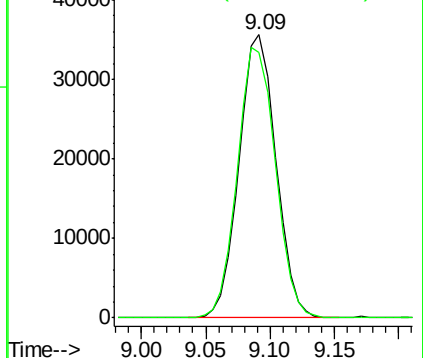
130 100

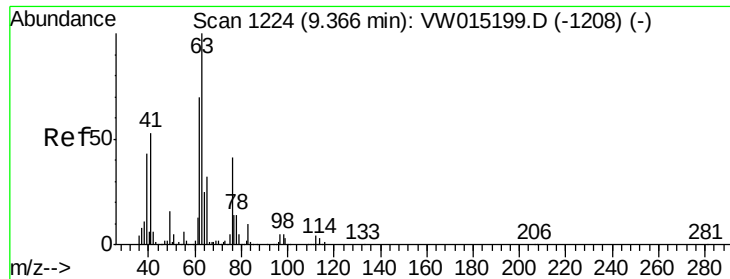
95 93.6 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

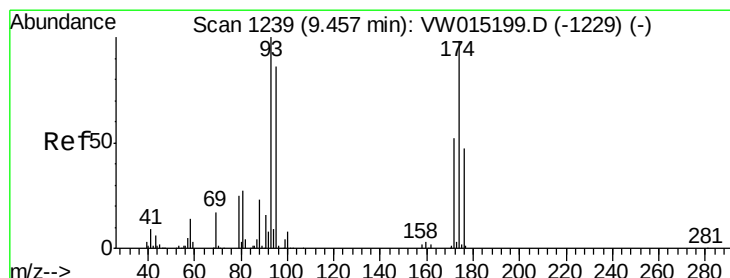
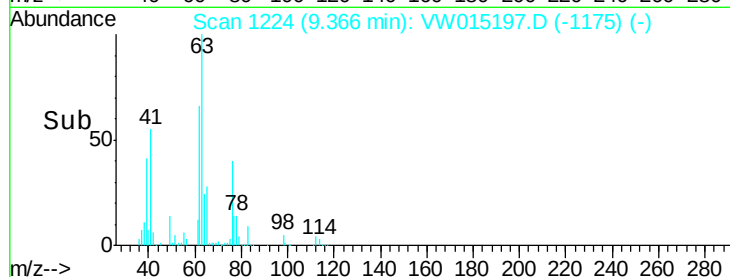
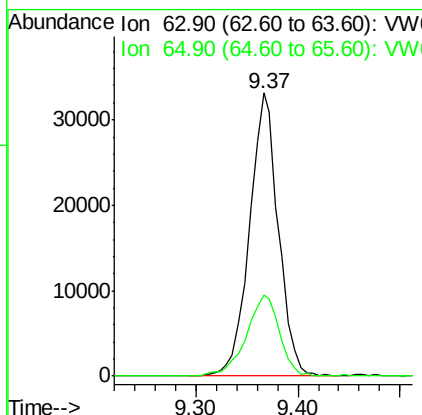
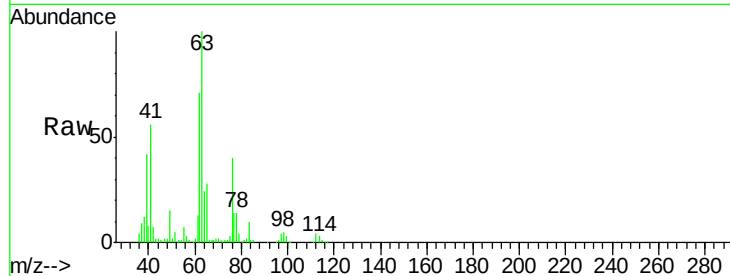




#45
 1,2-Dichloropropane
 Concen: 7.600 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

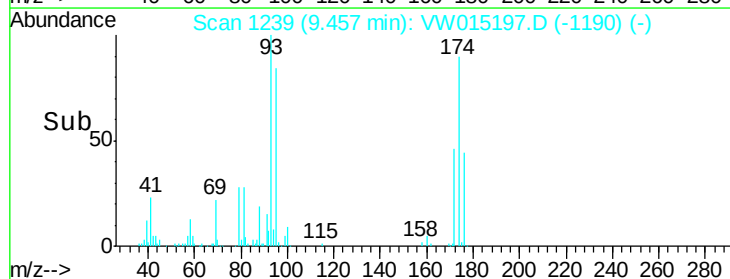
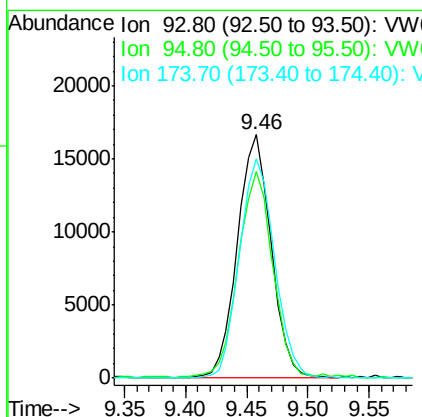
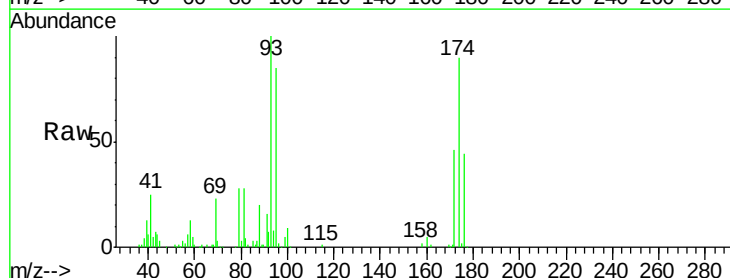
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

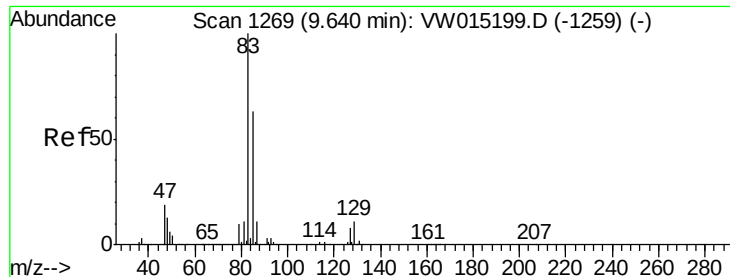
Tot Ion: 63 Resp: 65413
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.5 38.3



#46
 Dibromomethane
 Concen: 8.346 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion: 93 Resp: 31907
 Ion Ratio Lower Upper
 93 100
 95 86.3 67.5 101.3
 174 93.9 74.1 111.1

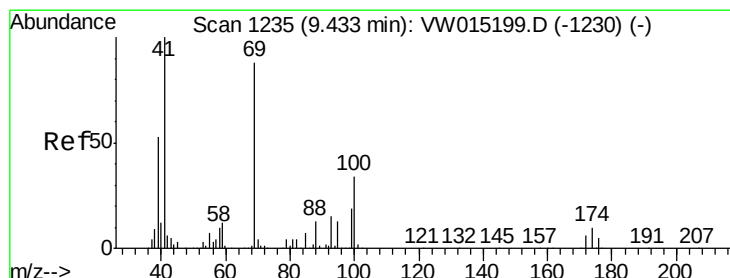
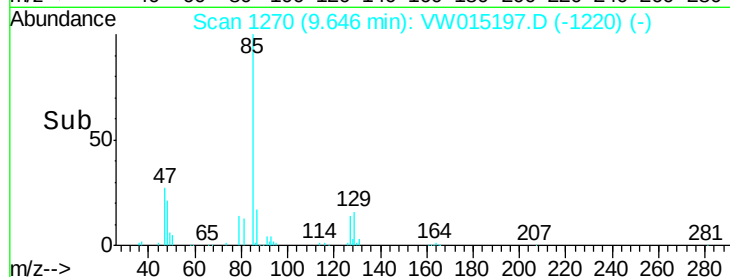
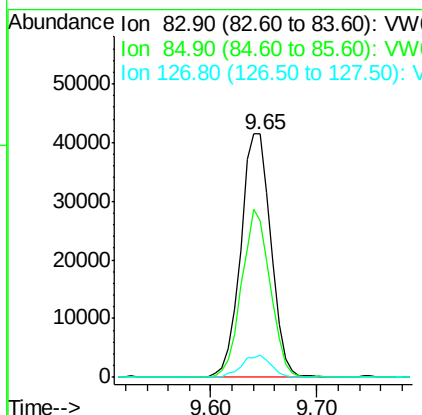
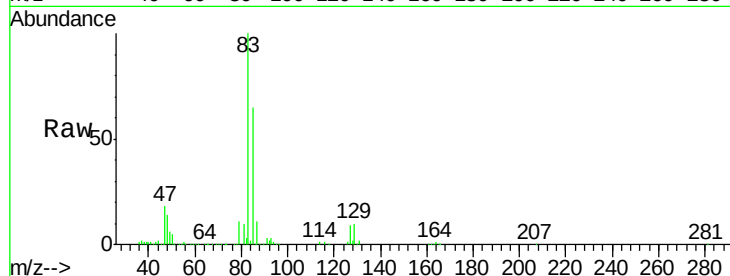




#47
 Bromodichloromethane
 Concen: 8.142 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

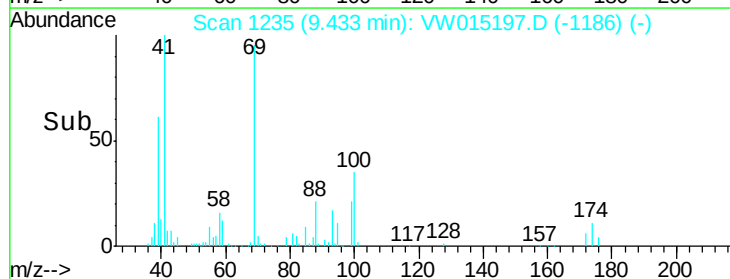
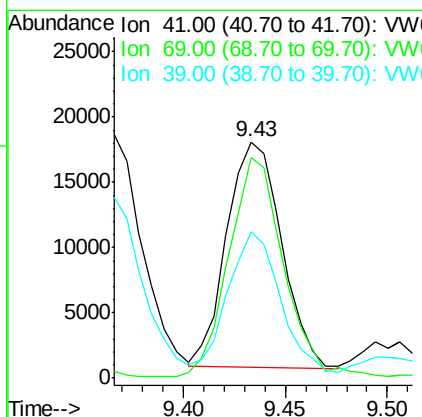
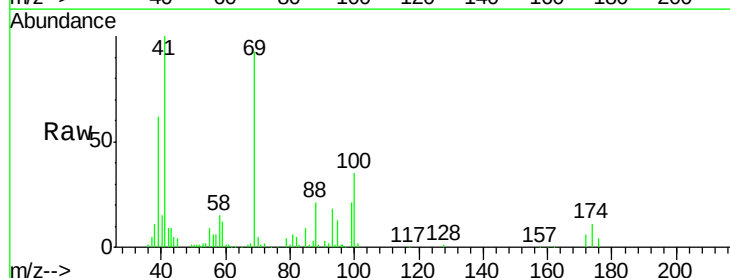
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

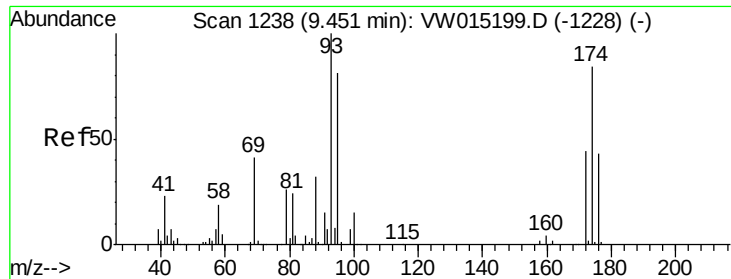
Tot Ion: 83 Resp: 82816
 Ion Ratio Lower Upper
 83 100
 85 64.5 50.6 76.0
 127 8.9 6.7 10.1



#48
 Methyl methacrylate
 Concen: 6.846 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion: 41 Resp: 32183
 Ion Ratio Lower Upper
 41 100
 69 96.9 70.6 105.8
 39 59.0 42.6 64.0





#49

1,4-Dioxane

Concen: 192.399 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

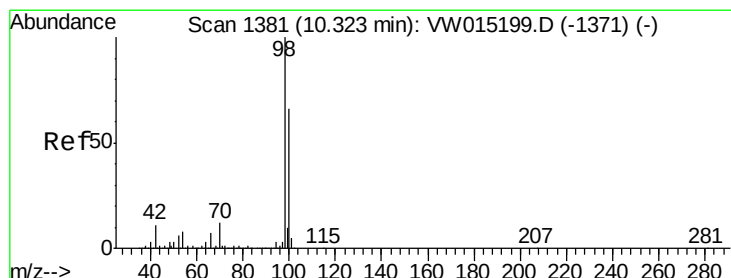
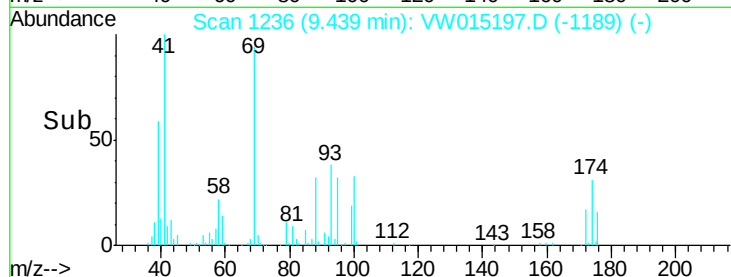
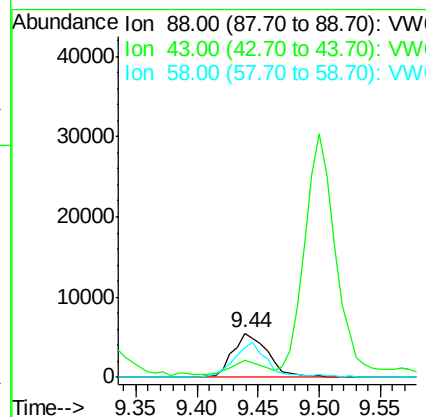
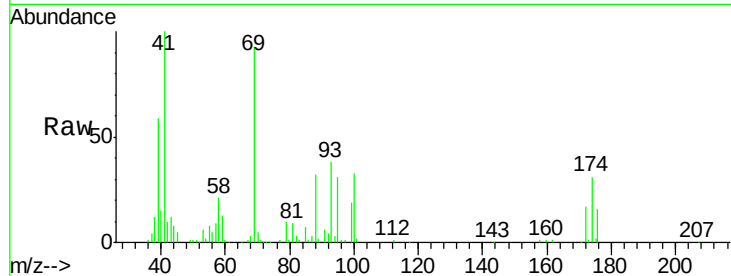
Tot Ion: 88 Resp: 11015

Ion Ratio Lower Upper

88 100

43 29.2 23.5 35.3

58 72.6 55.4 83.2



#50

Toluene-d8

Concen: 9.056 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015197.D

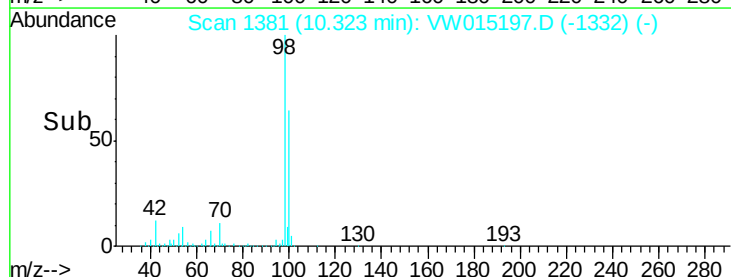
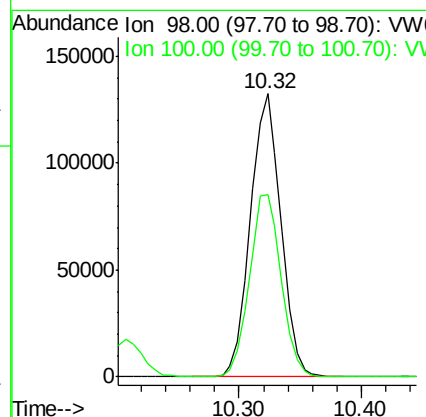
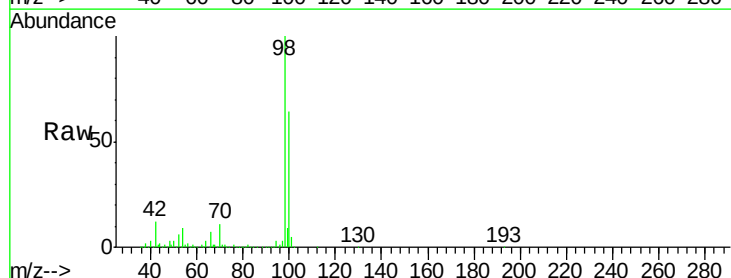
Acq: 15 Apr 2020 12:22

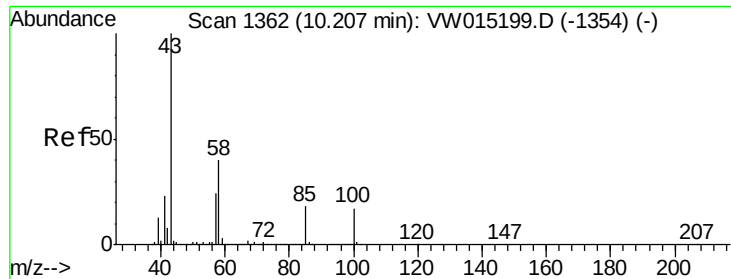
Tgt Ion: 98 Resp: 230162

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3

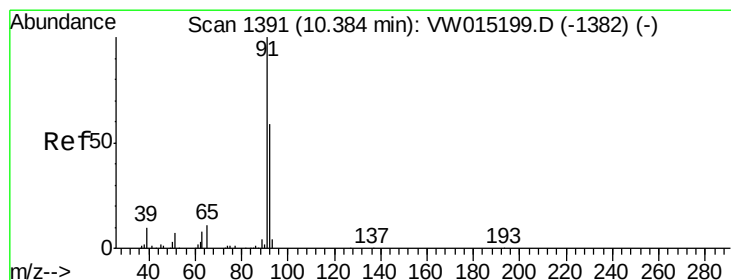
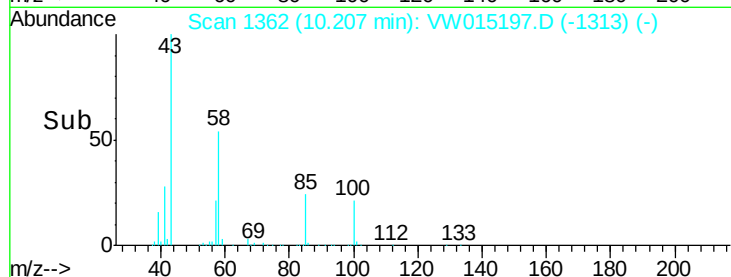
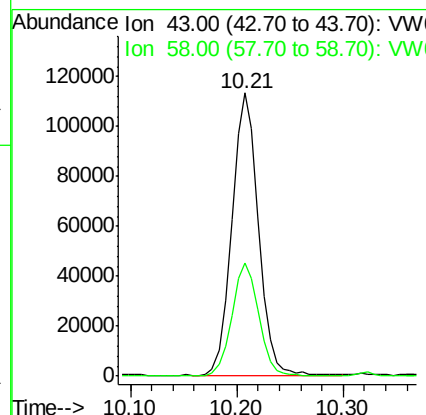
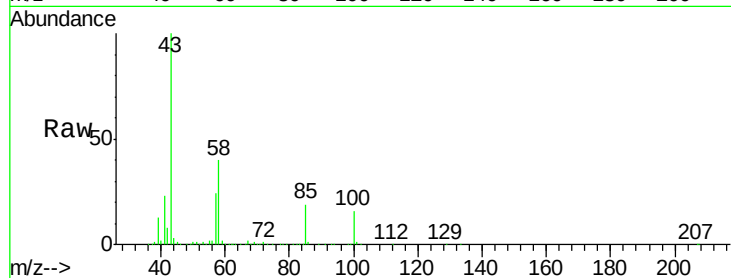




#51
 4-Methyl-2-Pentanone
 Concen: 35.481 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

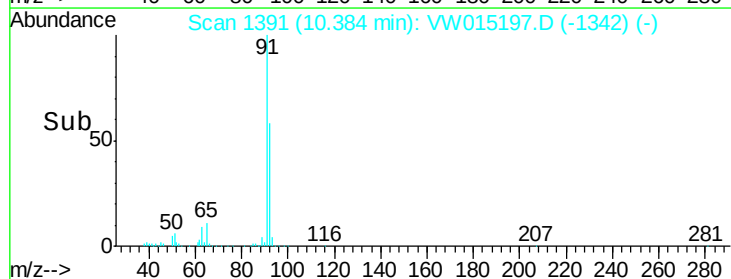
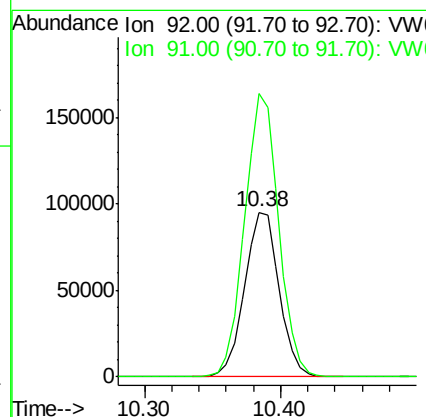
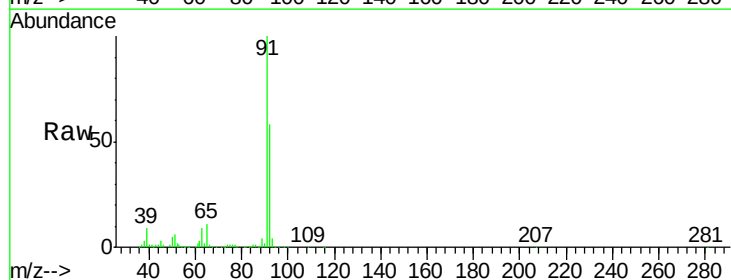
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

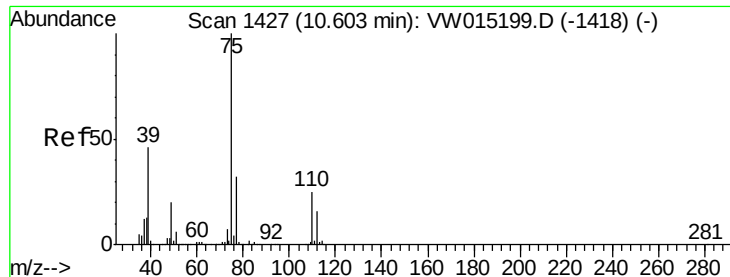
Tot Ion: 43 Resp: 197472
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.3 48.5



#52
 Toluene
 Concen: 8.983 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion: 92 Resp: 169016
 Ion Ratio Lower Upper
 92 100
 91 169.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 8.245 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampled :

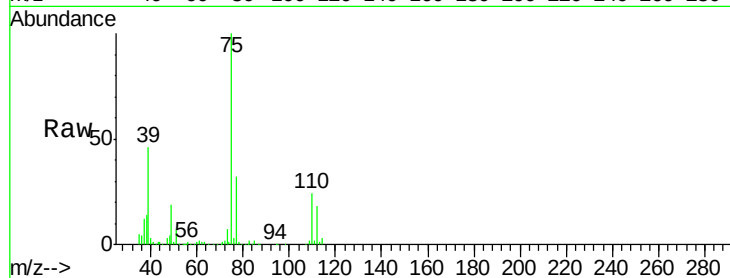
VSTDIC010

Tot Ion: 75 Resp: 82547

Ion Ratio Lower Upper

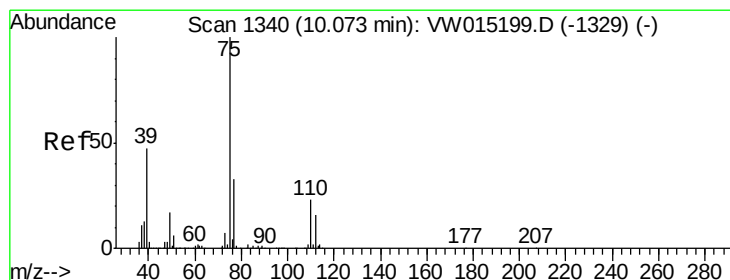
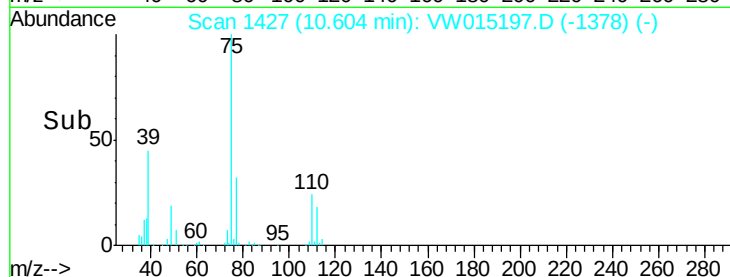
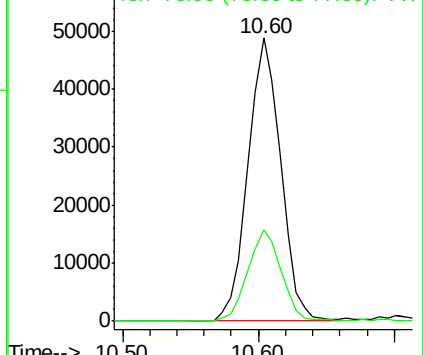
75 100

77 32.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 8.273 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

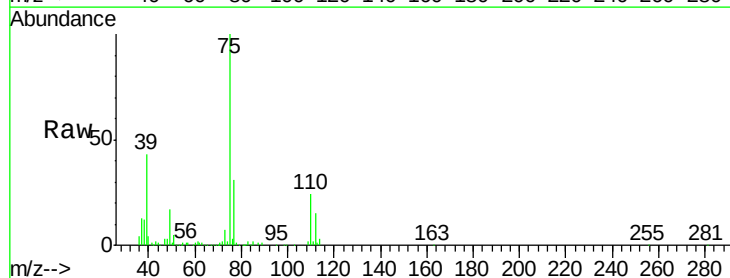
Tgt Ion: 75 Resp: 100751

Ion Ratio Lower Upper

75 100

77 30.7 26.6 39.8

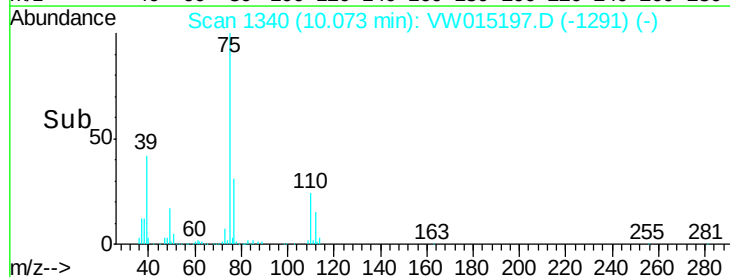
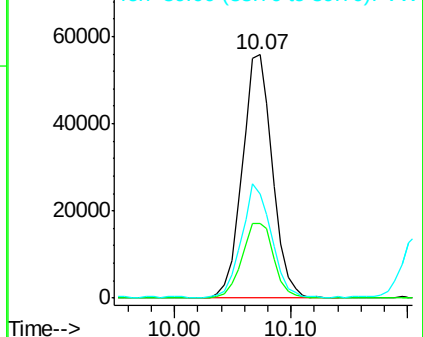
39 42.7 37.8 56.6

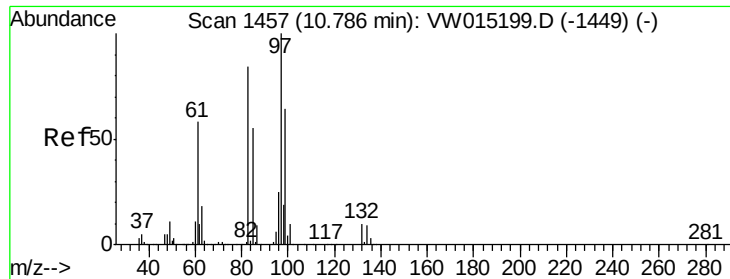


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

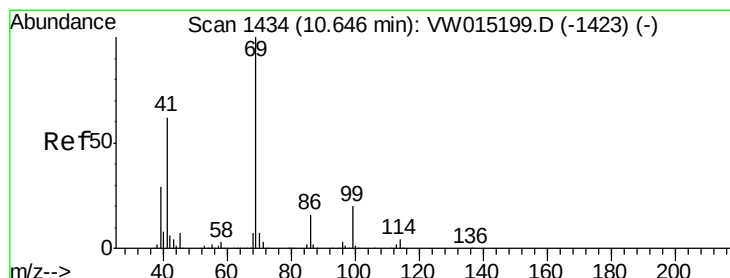
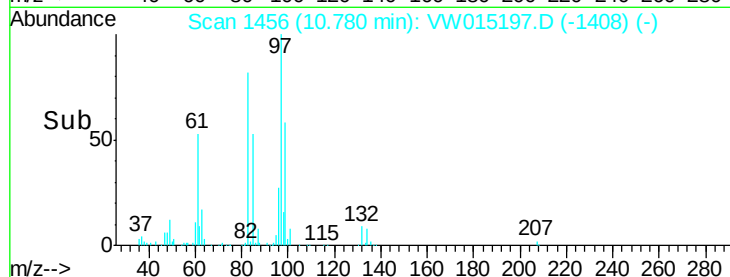
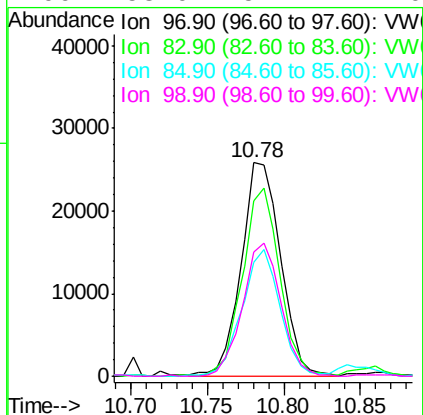
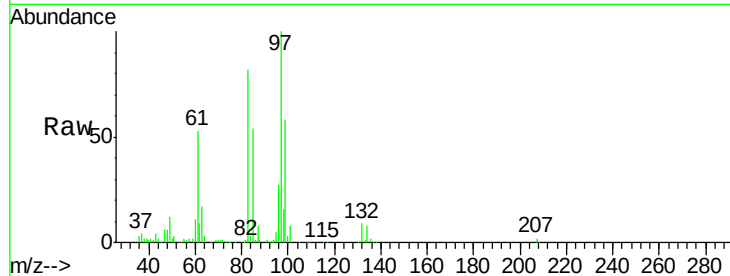




#55
 1,1,2-Trichloroethane
 Concen: 8.852 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

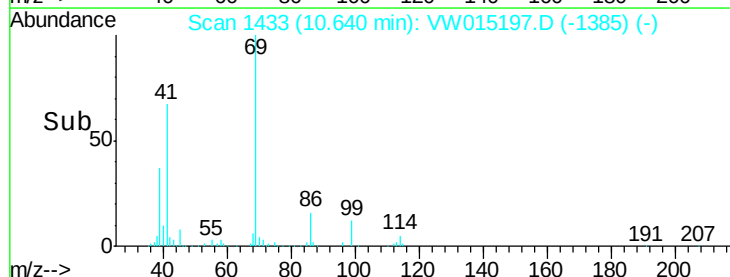
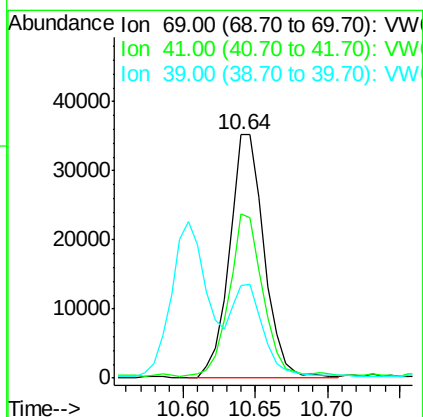
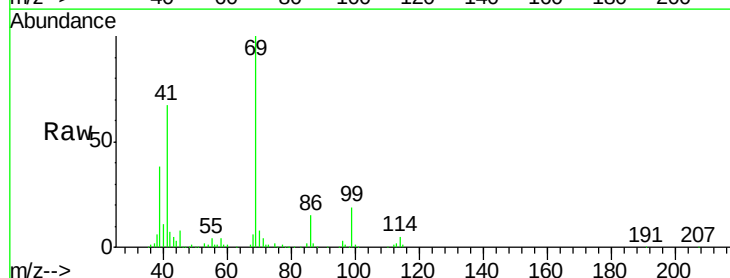
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

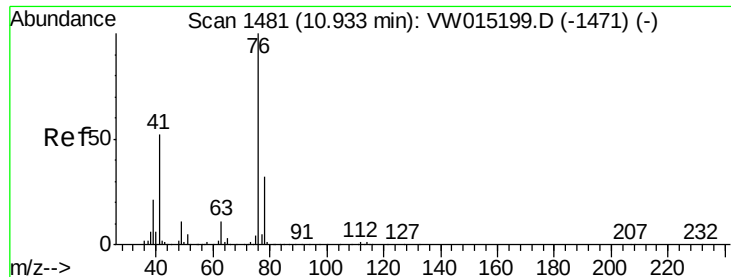
Tot Ion:	97	Resp:	46493
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.3	100.9
85	53.3	43.8	65.8
99	58.0	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 8.695 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion:	69	Resp:	58796
Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.3	76.9
39	34.4	24.6	37.0

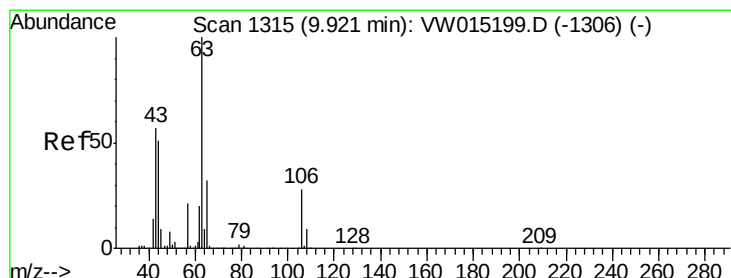
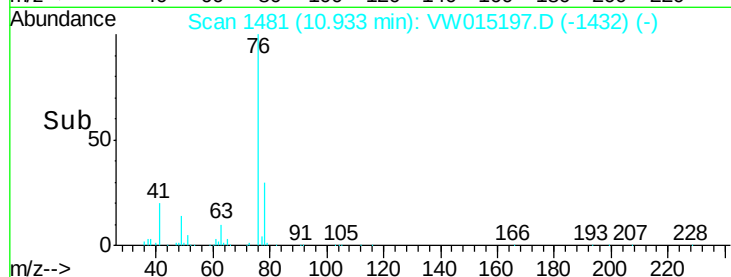
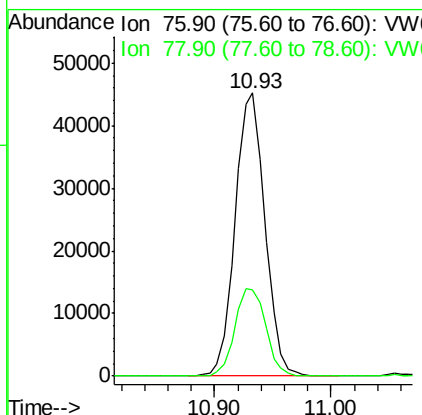
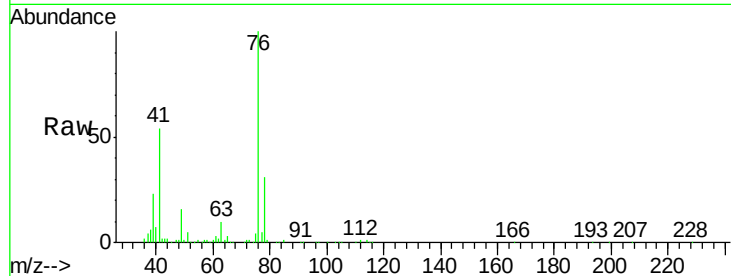




#57
 1,3-Dichloropropane
 Concen: 8.176 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

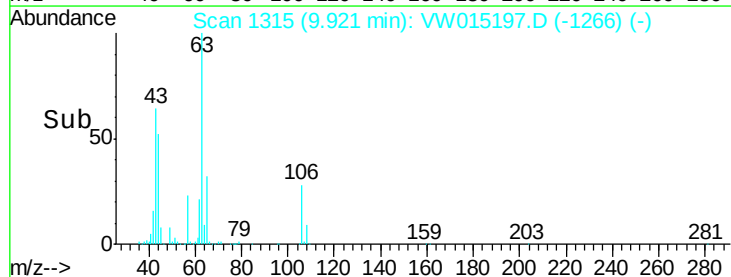
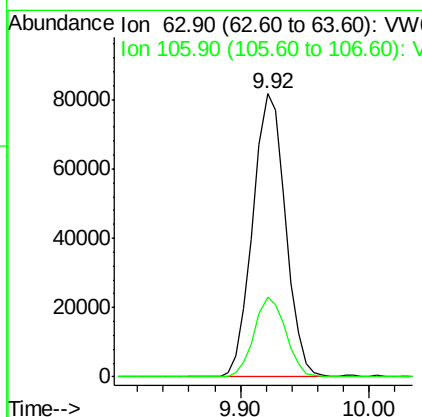
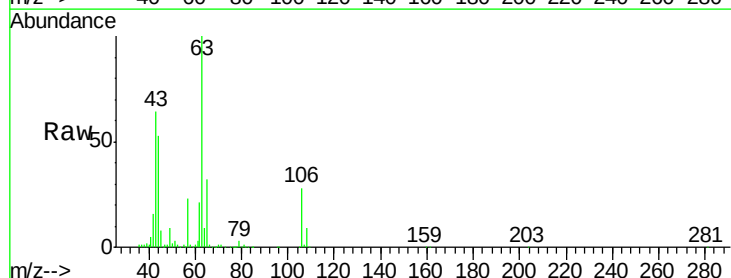
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

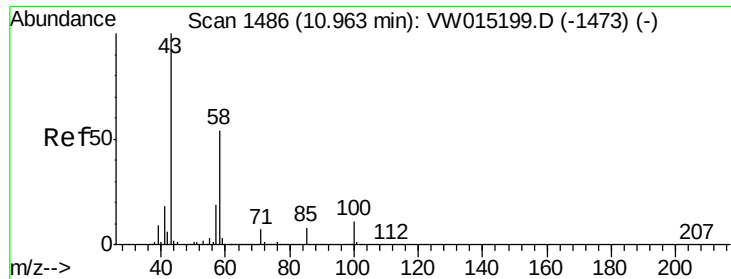
Tot Ion: 76 Resp: 80502
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 37.102 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion: 63 Resp: 143244
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.6 33.8

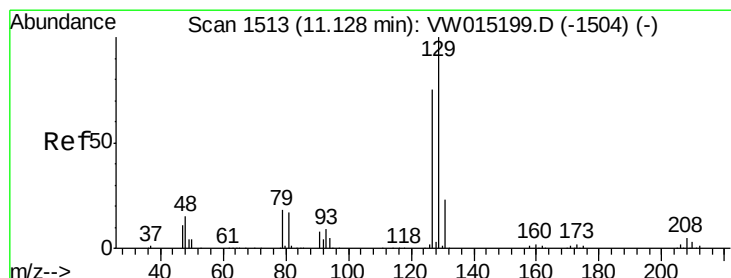
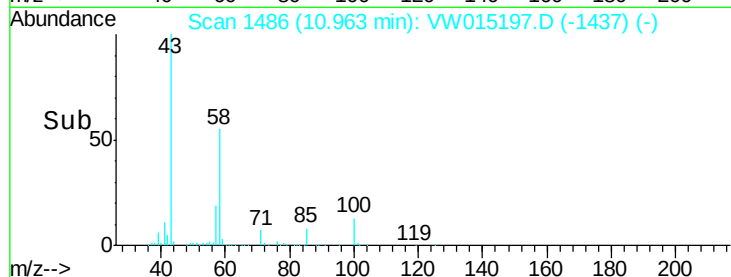
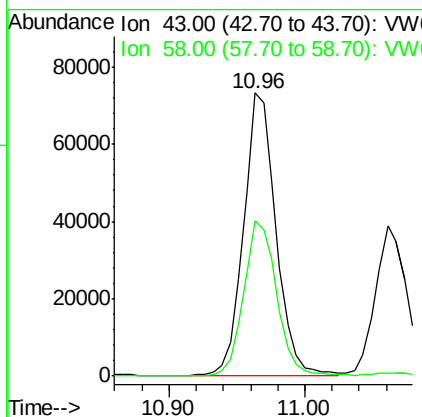
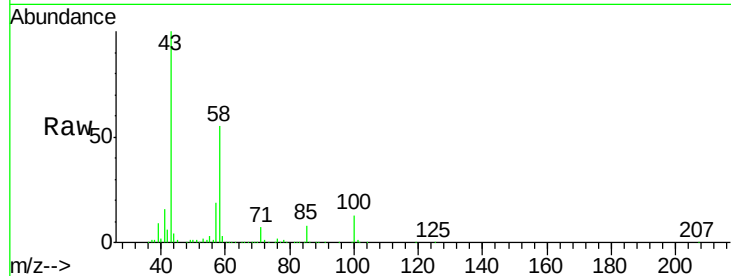




#59
2-Hexanone
Concen: 34.939 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

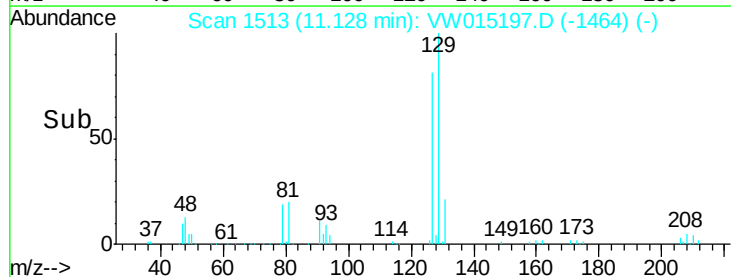
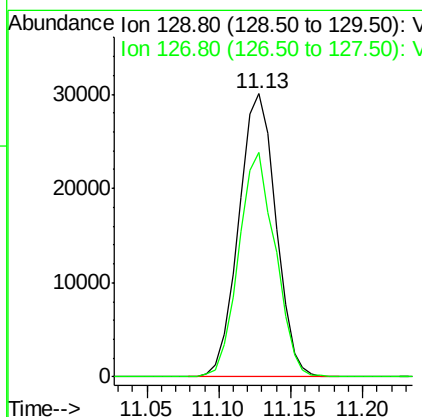
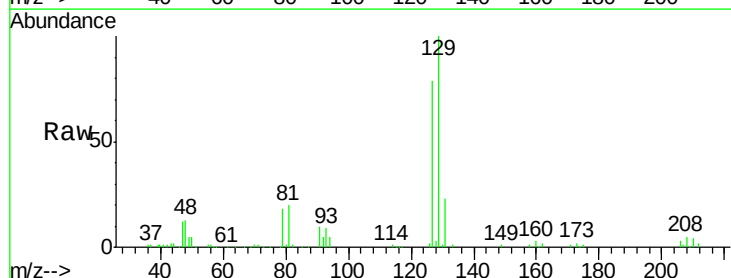
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

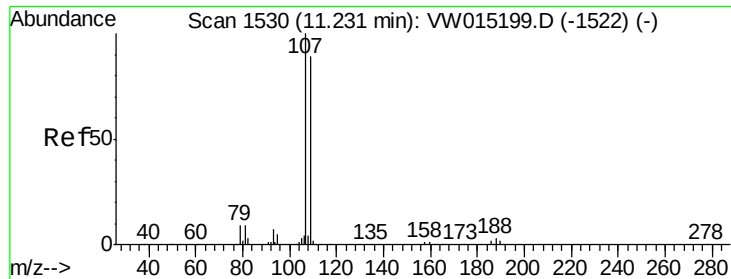
Tot Ion: 43 Resp: 120628
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 9.697 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 129 Resp: 53858
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8

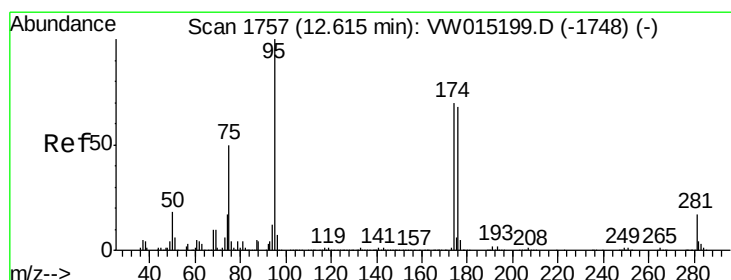
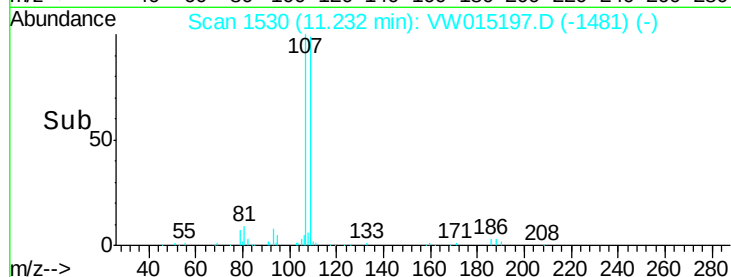
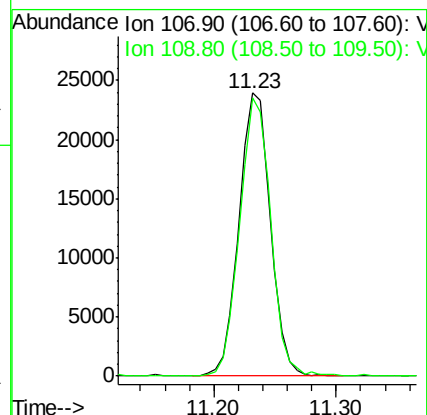
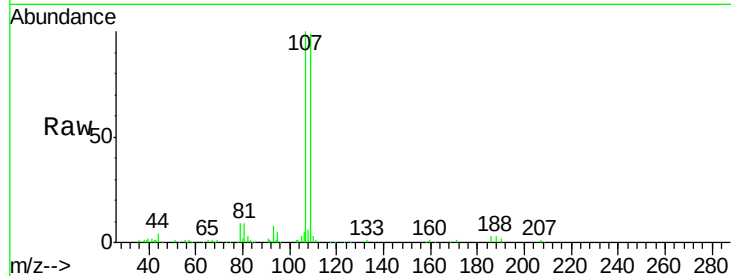




#61
 1,2-Dibromoethane
 Concen: 9.033 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

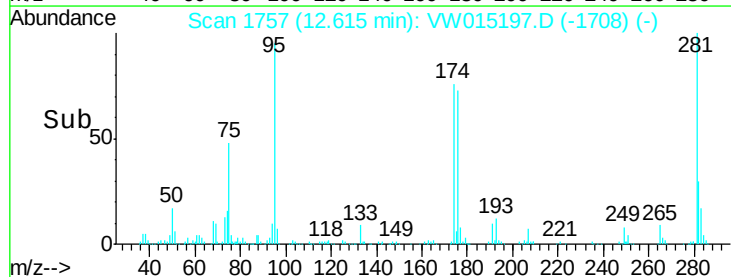
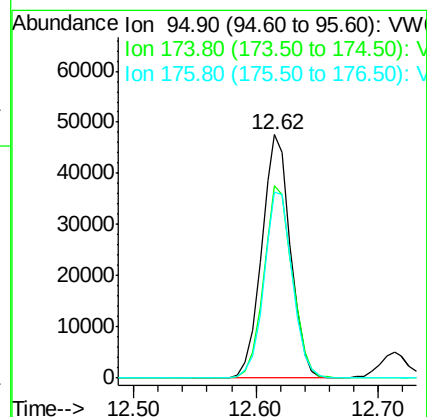
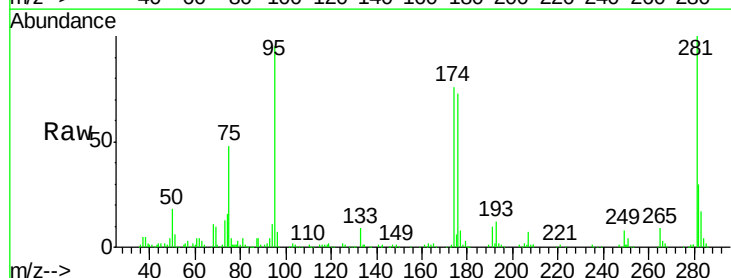
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

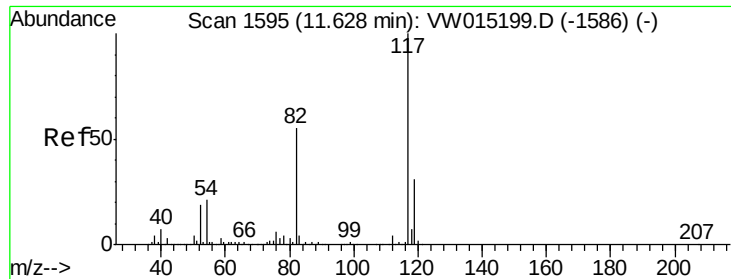
Tot Ion: 107 Resp: 42579
 Ion Ratio Lower Upper
 107 100
 109 97.4 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 9.174 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion: 95 Resp: 77715
 Ion Ratio Lower Upper
 95 100
 174 78.3 0.0 144.4
 176 75.3 0.0 140.6

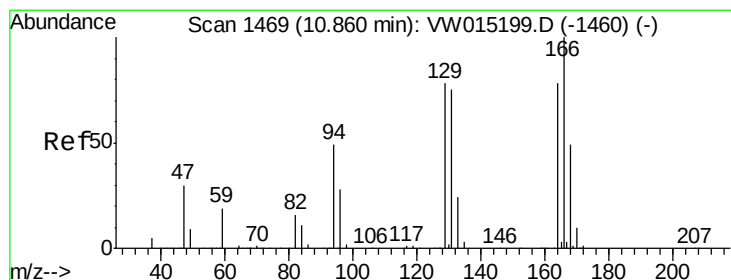
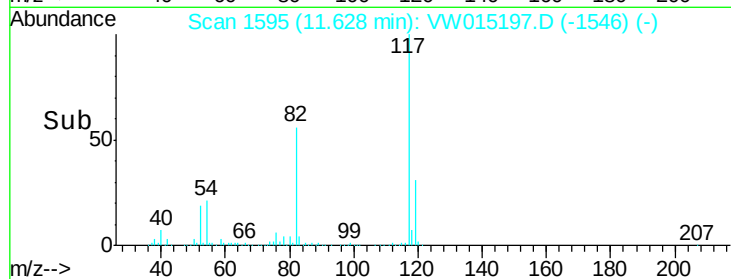
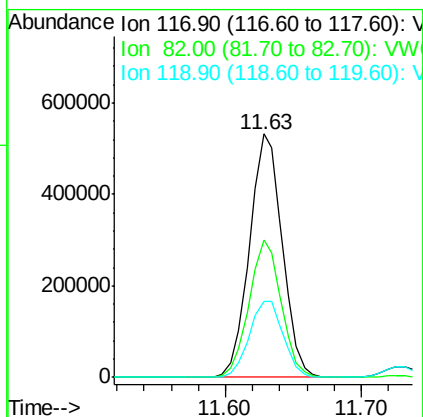
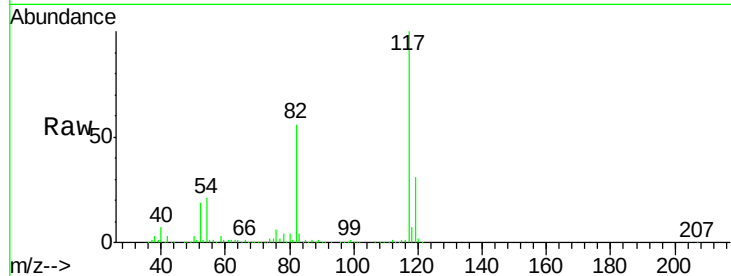




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

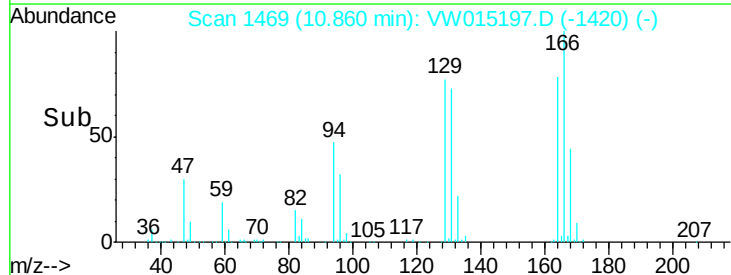
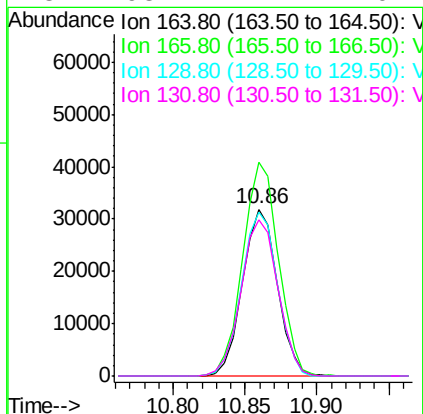
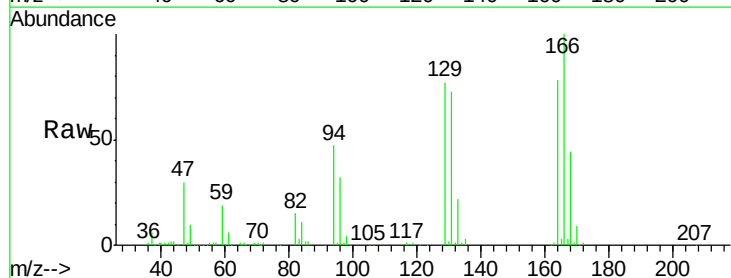
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

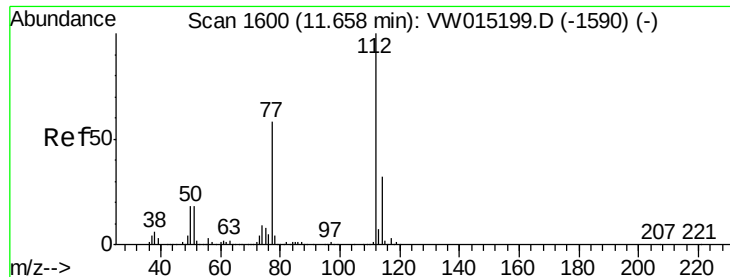
Tot Ion:117 Resp: 895798
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 31.3 24.9 37.3



#64
Tetrachloroethene
Concen: 10.231 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion:164 Resp: 53133
Ion Ratio Lower Upper
164 100
166 128.2 102.6 154.0
129 98.3 80.2 120.2
131 93.4 77.4 116.2

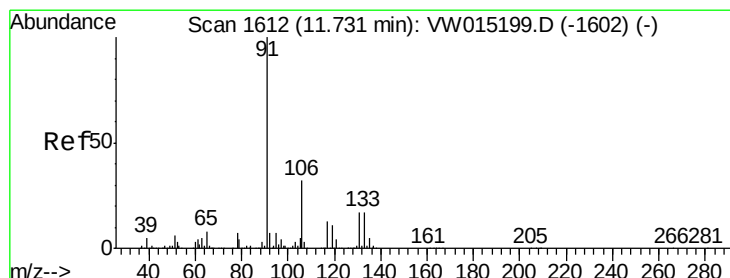
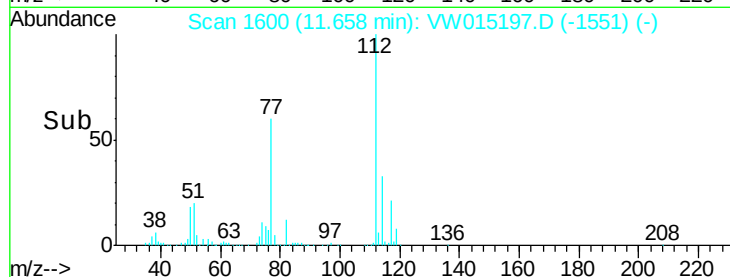
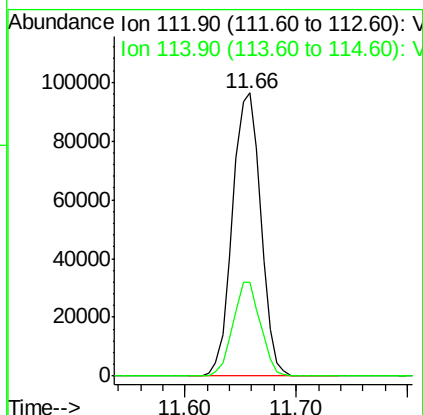
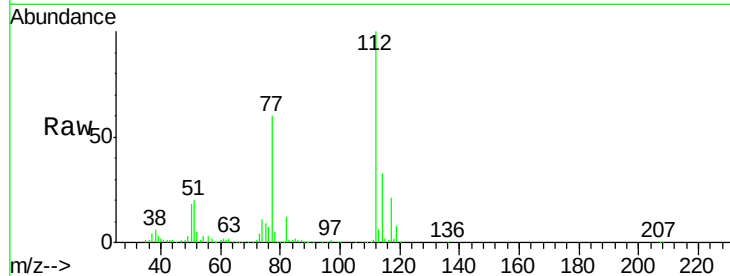




#65
Chlorobenzene
Concen: 9.524 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

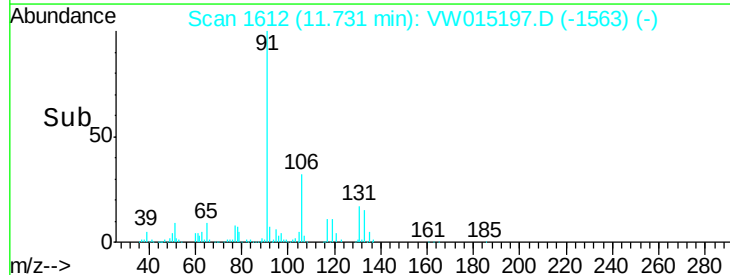
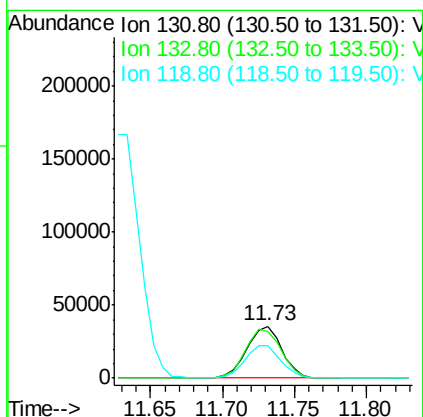
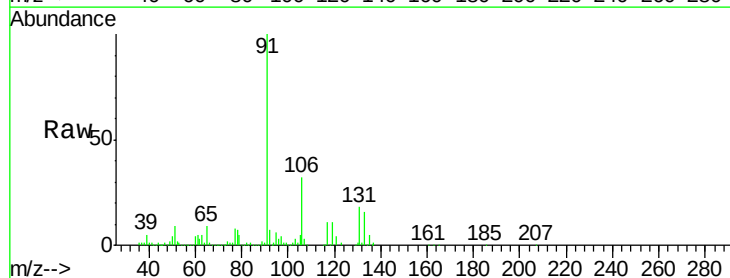
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

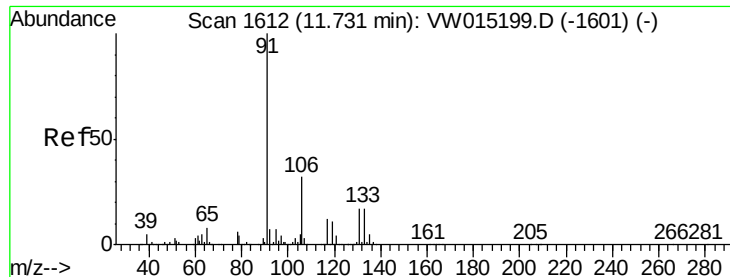
Tot Ion:112 Resp: 169841
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.926 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion:131 Resp: 59276
Ion Ratio Lower Upper
131 100
133 97.3 47.7 143.1
119 64.8 34.0 101.8

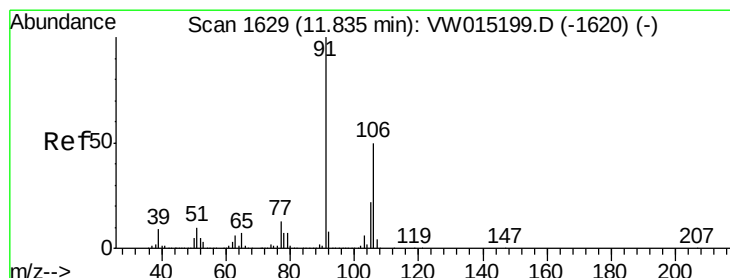
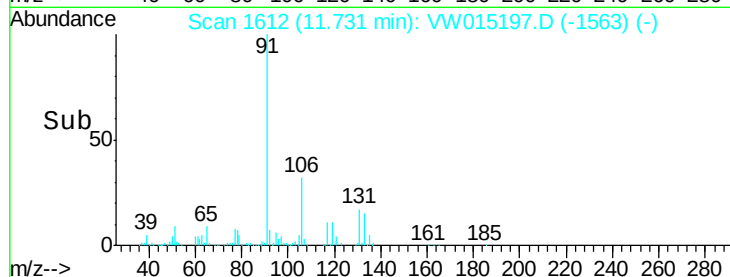
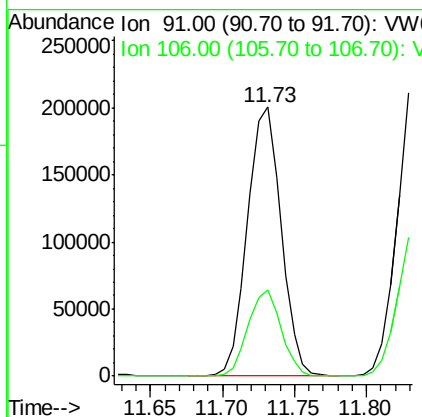
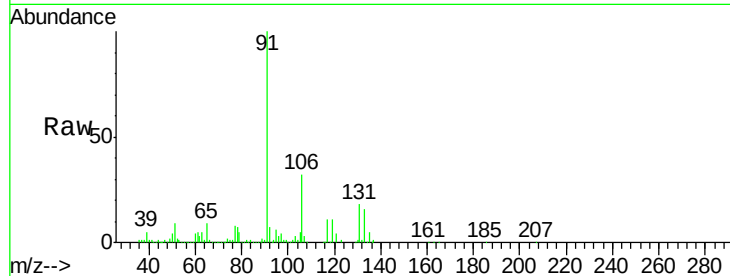




#67
Ethyl Benzene
Concen: 9.459 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

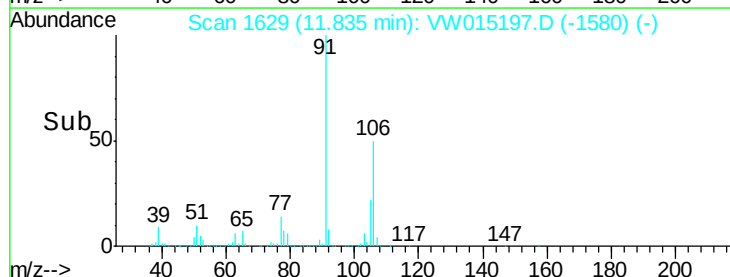
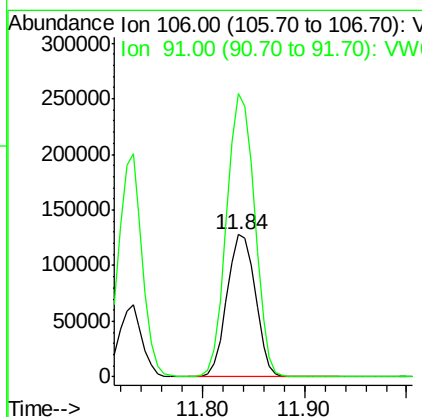
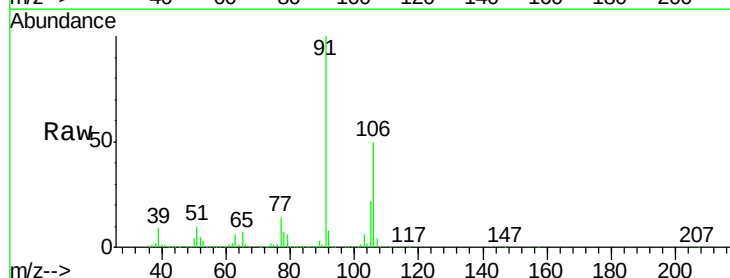
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

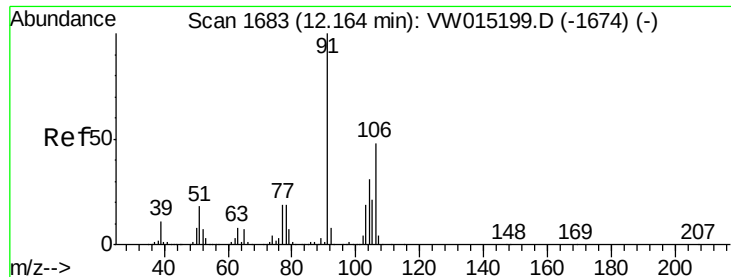
Tot Ion: 91 Resp: 324504
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 20.173 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 106 Resp: 247535
Ion Ratio Lower Upper
106 100
91 195.6 160.0 240.0

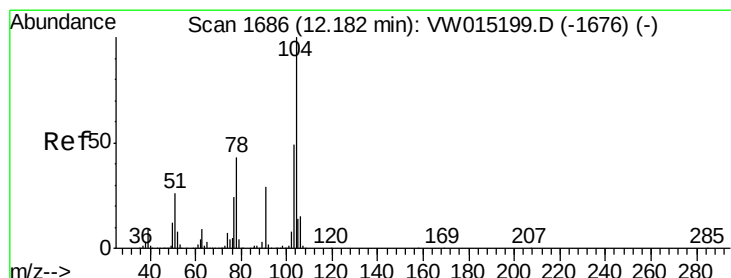
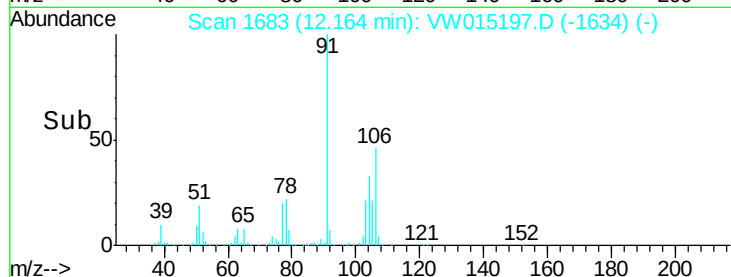
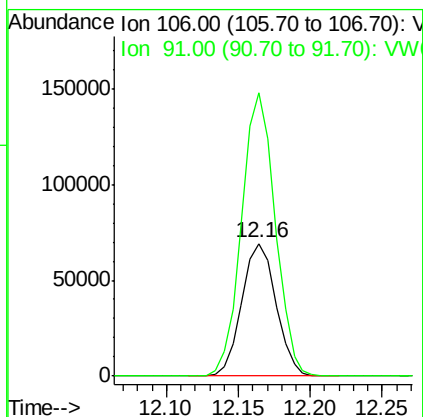
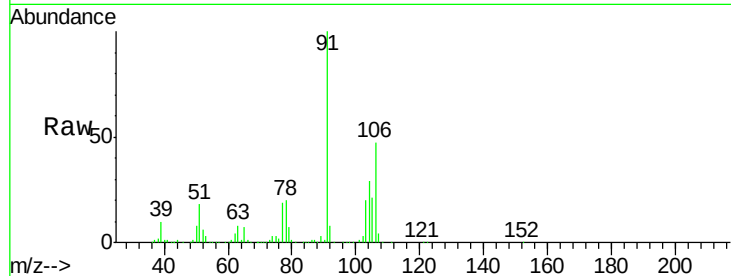




#69
o-Xylene
Concen: 10.290 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

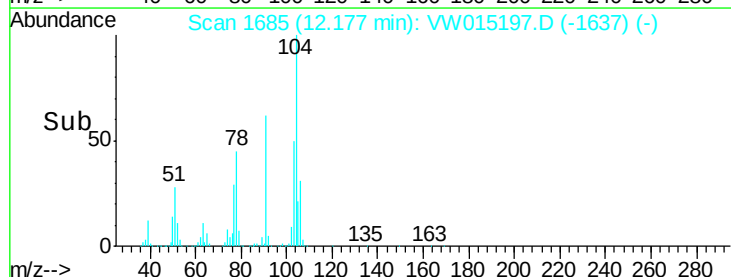
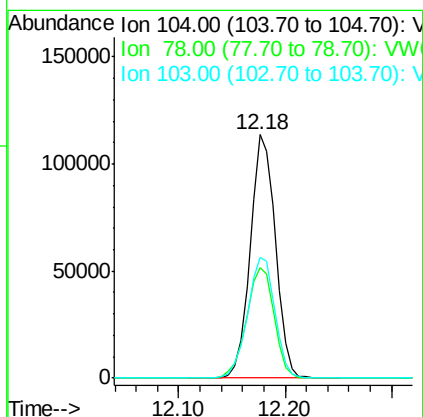
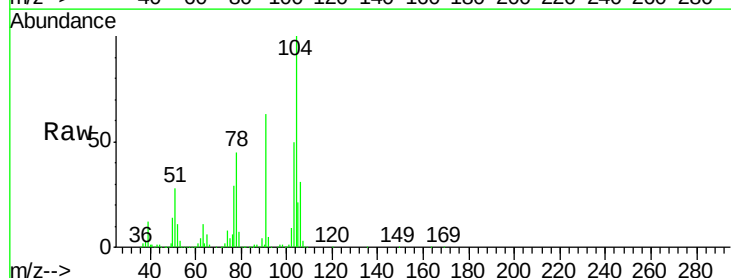
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

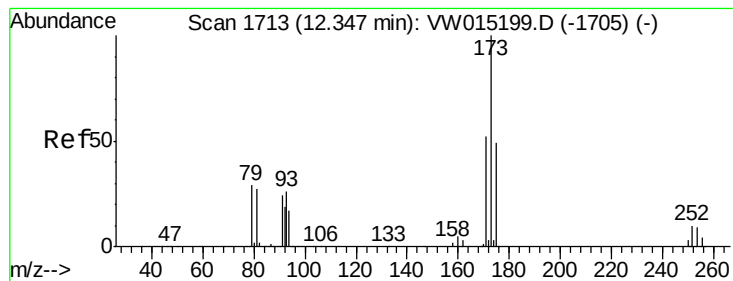
Tot Ion:106 Resp: 114477
Ion Ratio Lower Upper
106 100
91 208.5 105.7 317.1



#70
Styrene
Concen: 9.942 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion:104 Resp: 188602
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.6
103 54.1 43.8 65.6





#71

Bromoform

Concen: 10.182 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

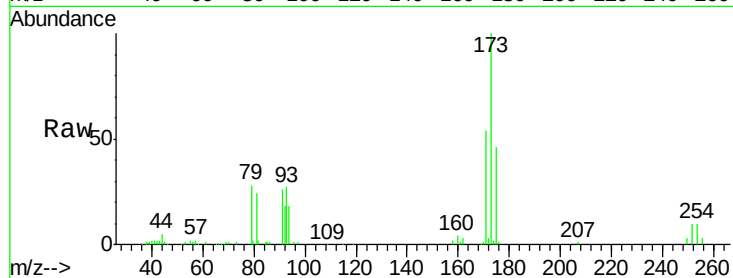
Tot Ion:173 Resp: 27439

Ion Ratio Lower Upper

173 100

175 49.9 25.1 75.4

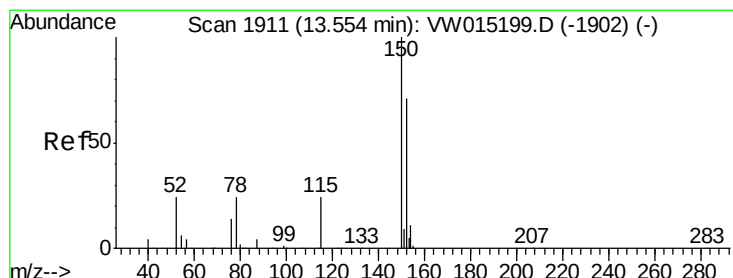
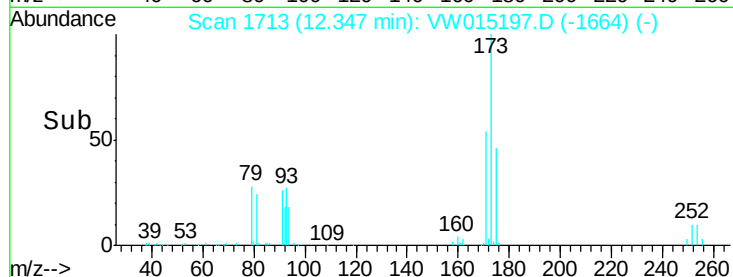
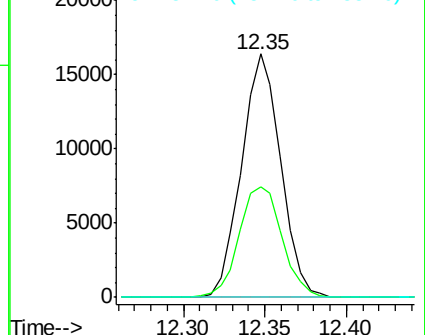
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

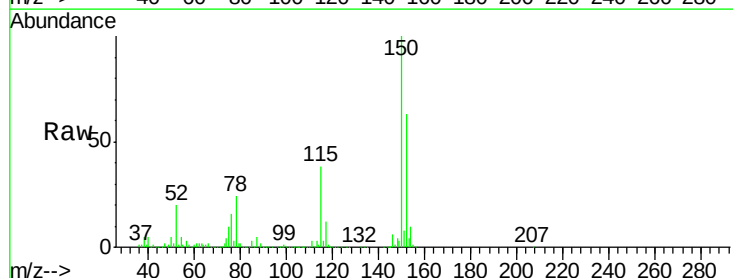
Tgt Ion:152 Resp: 415298

Ion Ratio Lower Upper

152 100

115 61.5 31.3 93.9

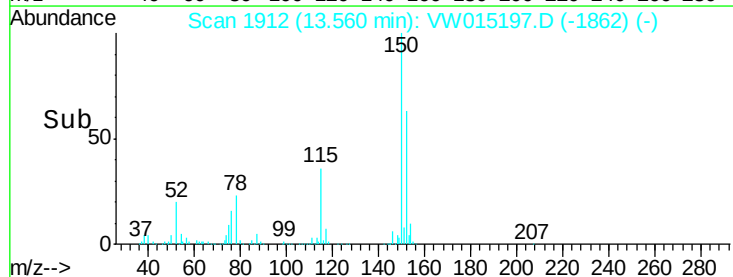
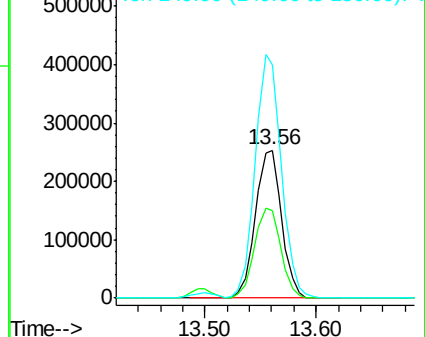
150 164.5 0.0 343.4

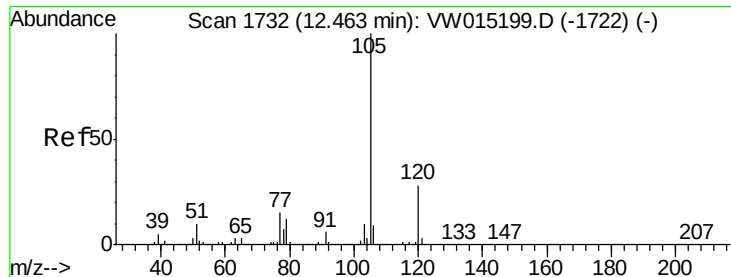


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.950 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

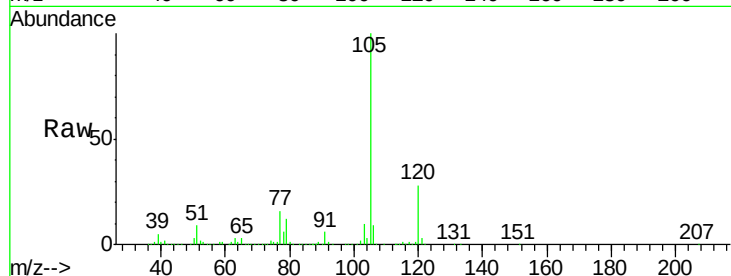
VSTDIC010

Tot Ion:105 Resp: 312726

Ion Ratio Lower Upper

105 100

120 27.9 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

200000

150000

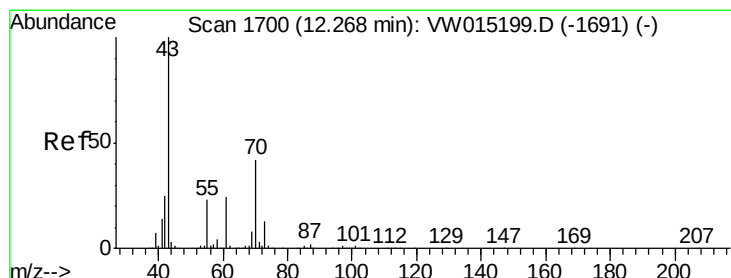
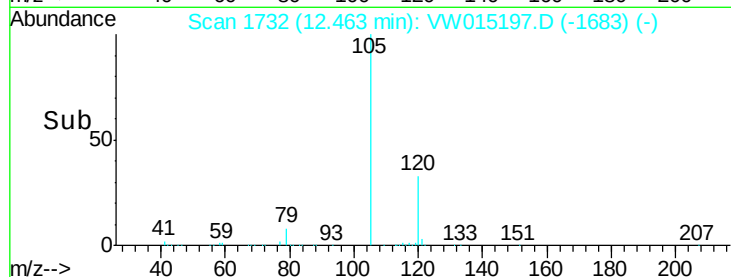
100000

50000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 7.656 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Tgt Ion: 43 Resp: 68250

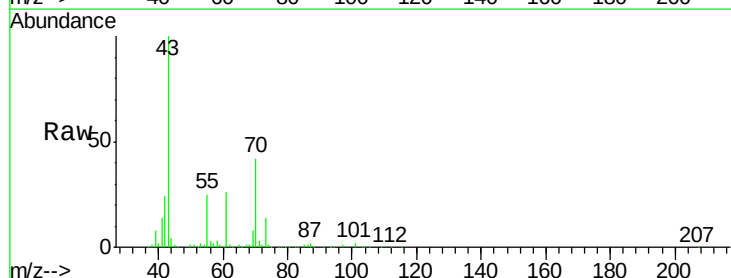
Ion Ratio Lower Upper

43 100

70 44.8 35.4 53.2

55 24.0 18.5 27.7

61 26.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

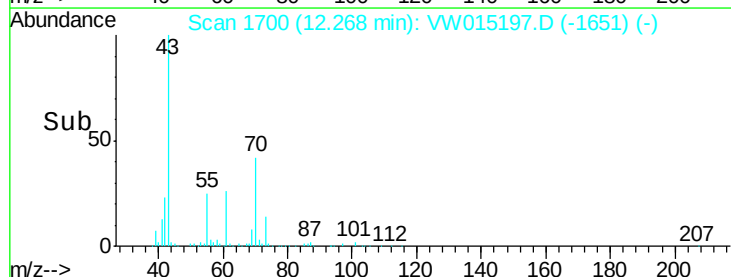
40000

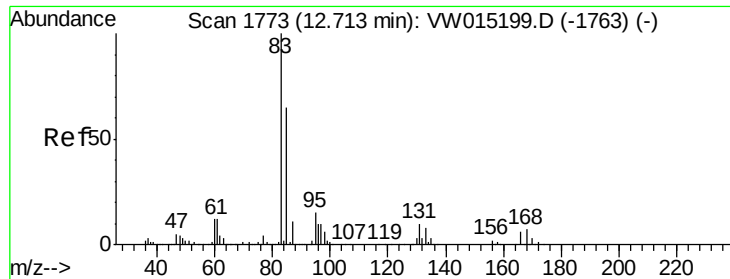
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 7.989 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

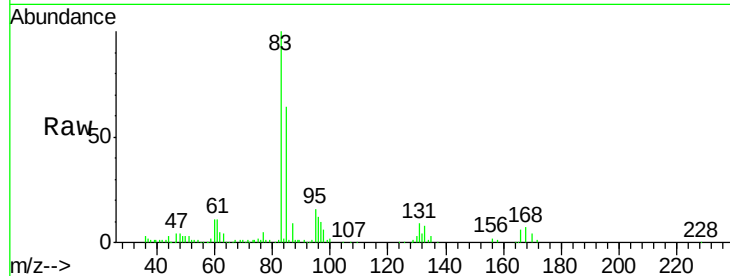
Tot Ion: 83 Resp: 49821

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

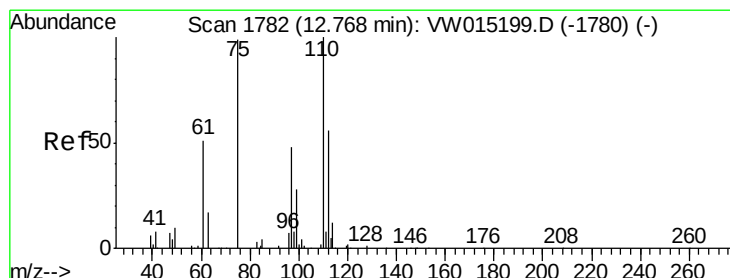
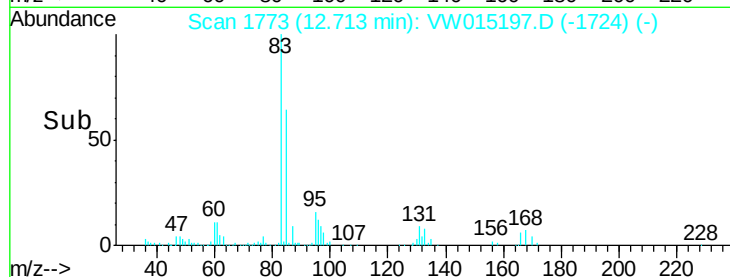
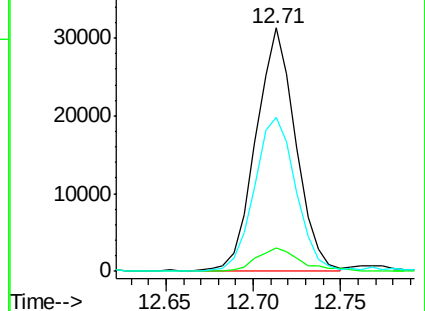
85 66.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.316 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015197.D

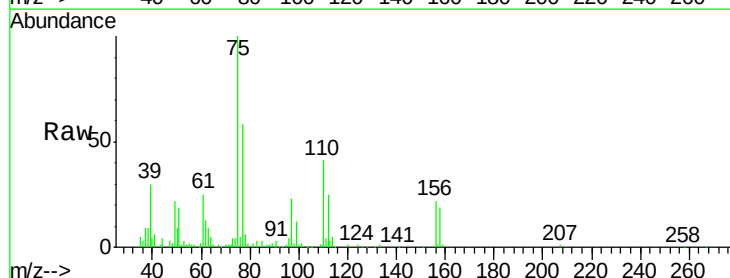
Acq: 15 Apr 2020 12:22

Tgt Ion: 75 Resp: 38042

Ion Ratio Lower Upper

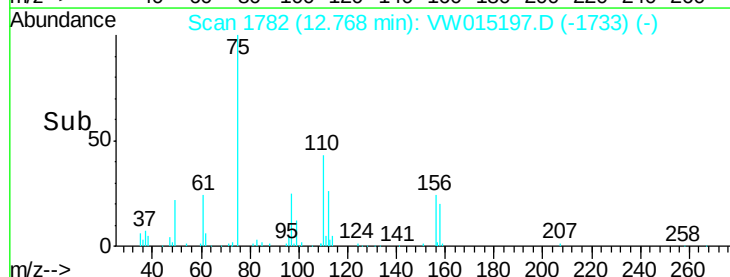
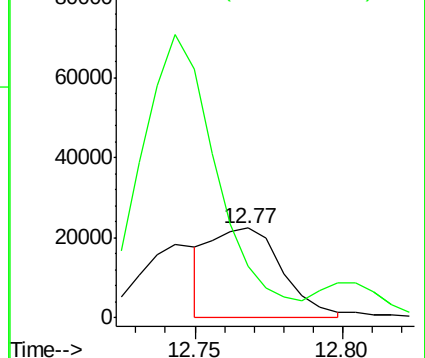
75 100

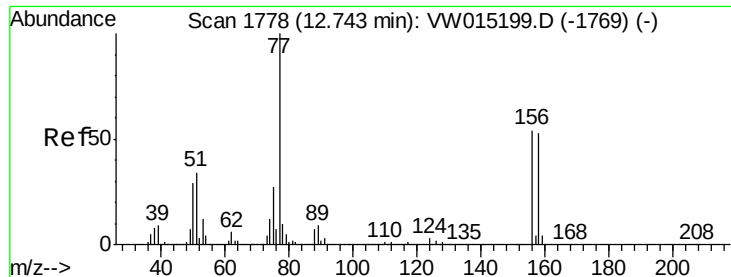
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.402 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

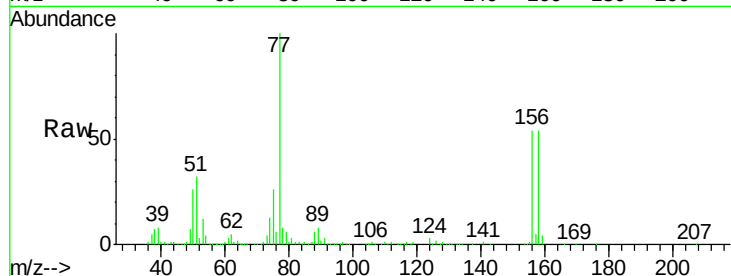
Tot Ion:156 Resp: 65717

Ion Ratio Lower Upper

156 100

77 194.2 100.5 301.5

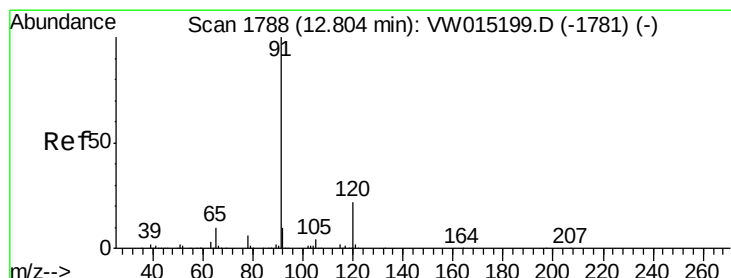
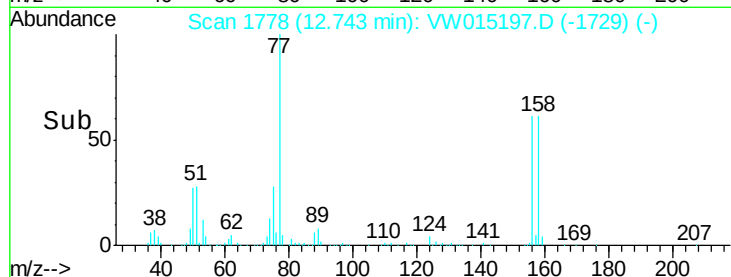
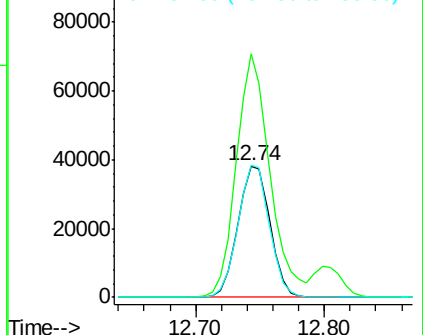
158 98.2 47.9 143.8



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: 9.342 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015197.D

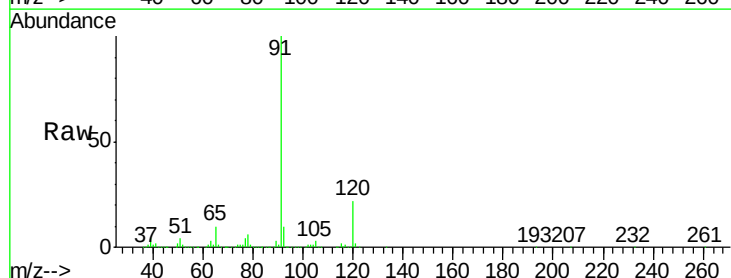
Acq: 15 Apr 2020 12:22

Tgt Ion: 91 Resp: 377544

Ion Ratio Lower Upper

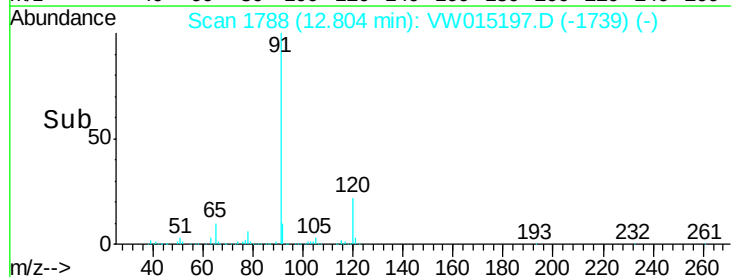
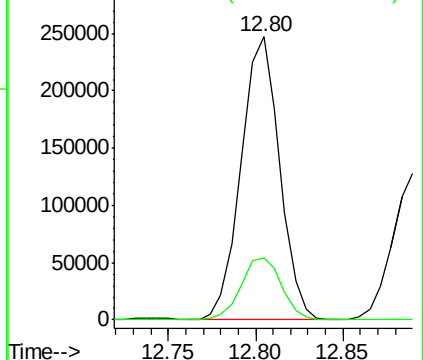
91 100

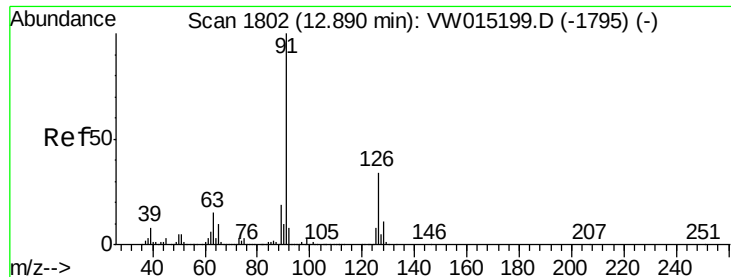
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.055 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

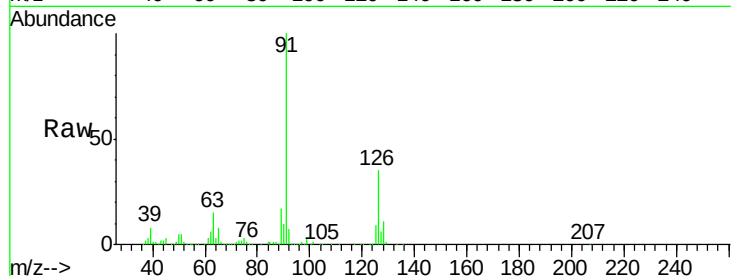
VSTDIC010

Tot Ion: 91 Resp: 205983

Ion Ratio Lower Upper

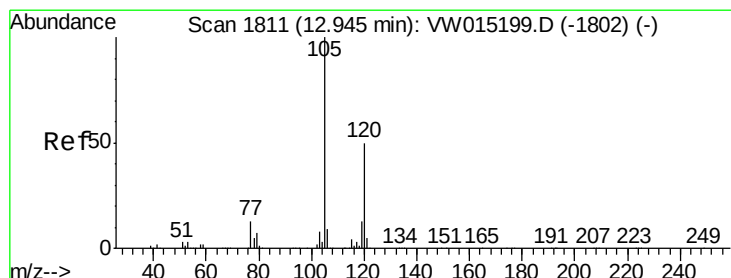
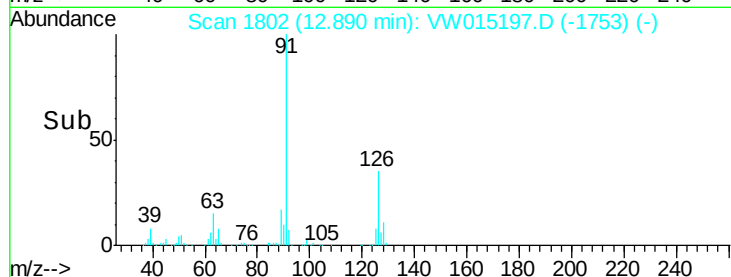
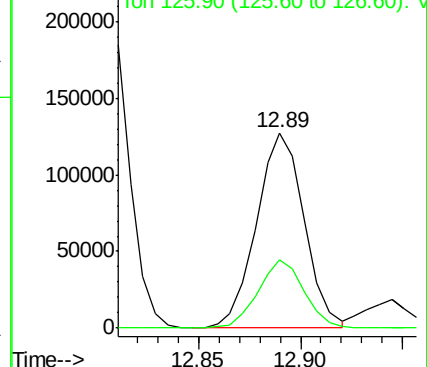
91 100

126 34.0 16.8 50.4



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: 9.783 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015197.D

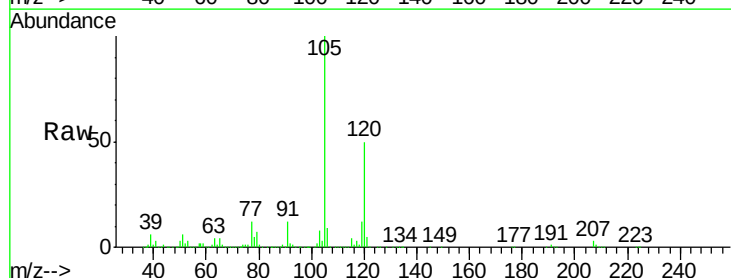
Acq: 15 Apr 2020 12:22

Tgt Ion: 105 Resp: 263506

Ion Ratio Lower Upper

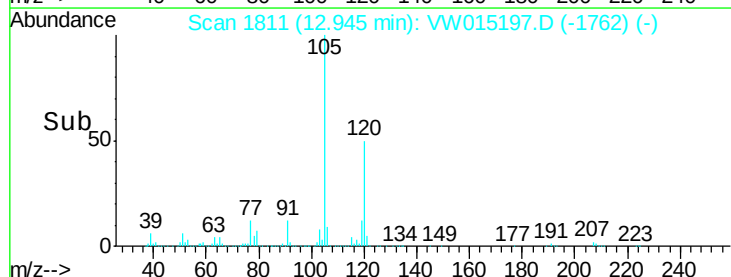
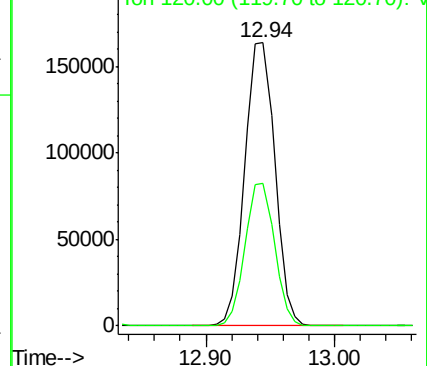
105 100

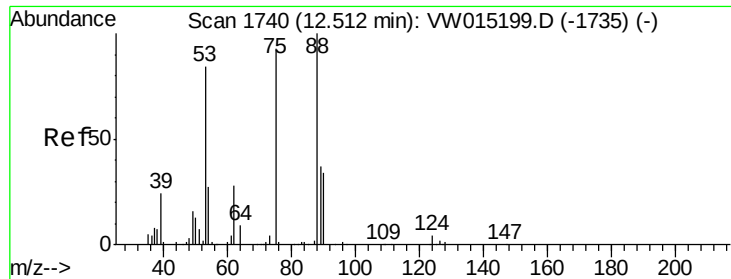
120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

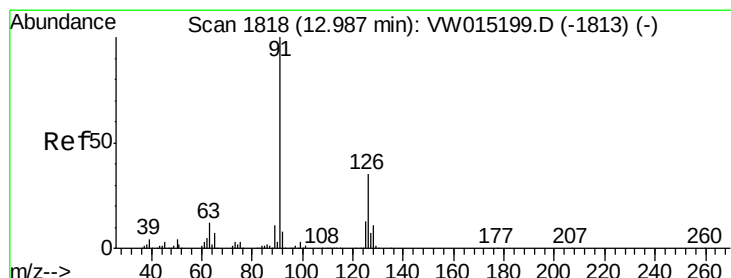
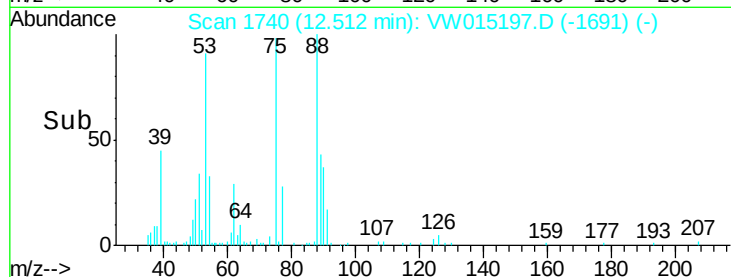
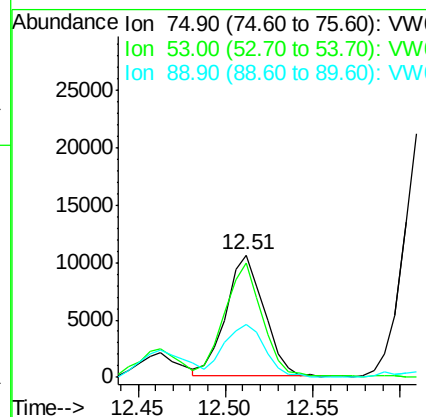
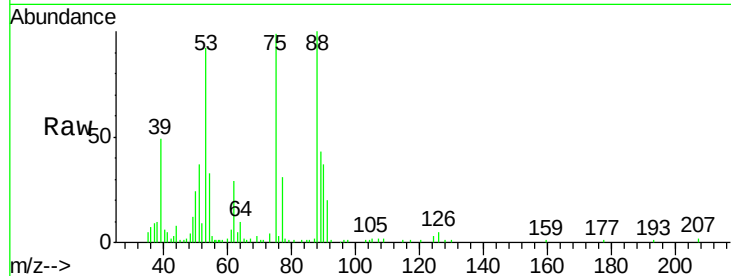




#81
trans-1,4-Dichloro-2-butene
Concen: 7.847 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

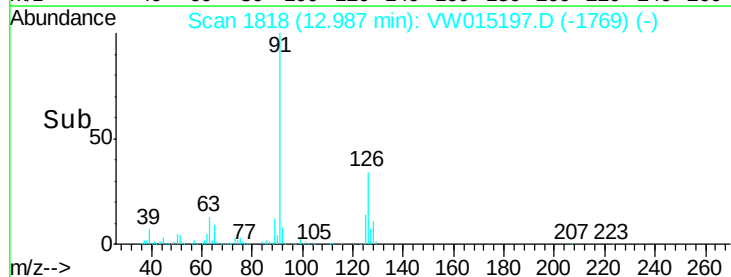
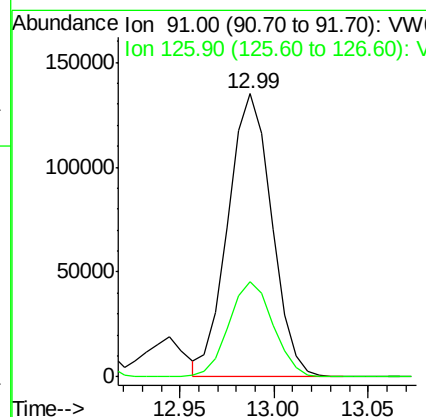
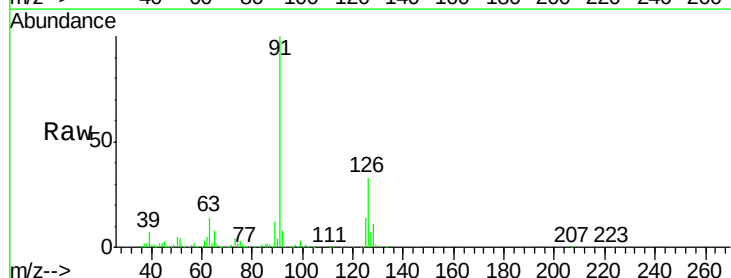
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

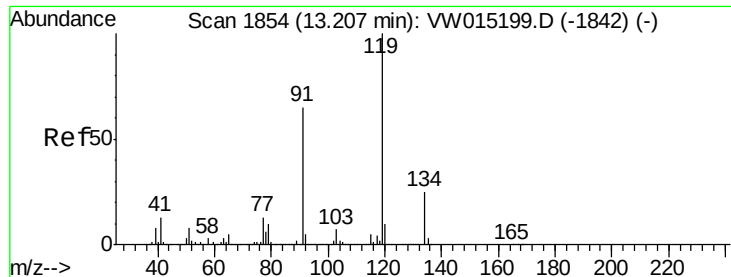
Tot Ion: 75 Resp: 16011
Ion Ratio Lower Upper
75 100
53 91.5 69.4 104.2
89 46.8 34.8 52.2



#82
4-Chlorotoluene
Concen: 8.939 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 91 Resp: 216605
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.3

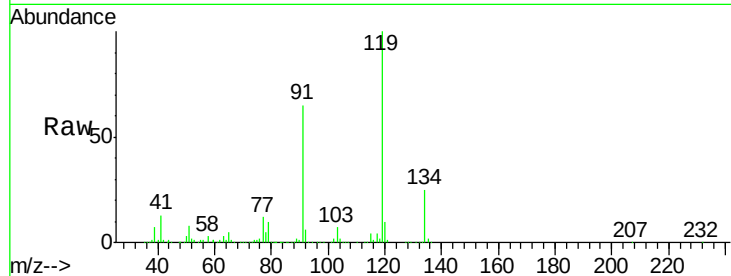




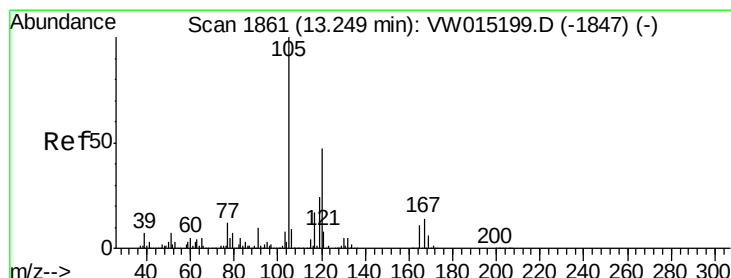
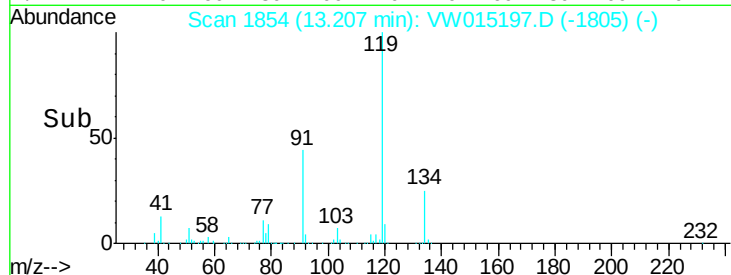
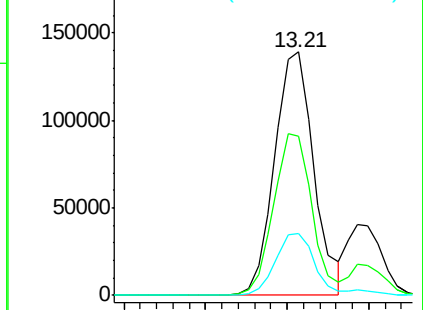
#83
 tert-Butylbenzene
 Concen: 10.489 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:119 Resp: 231438
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.8 98.3
 134 25.1 13.3 39.9

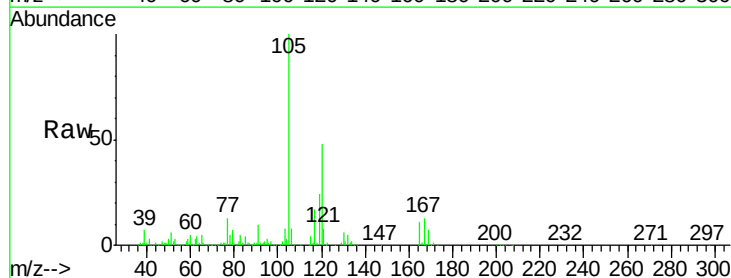


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

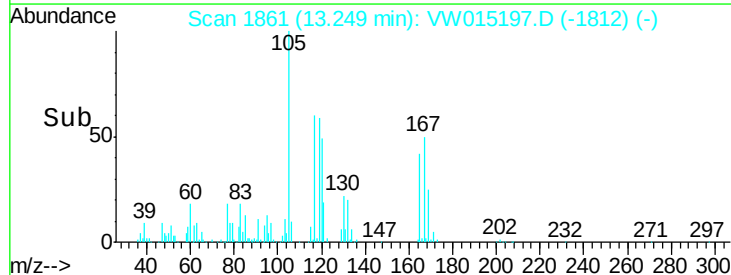
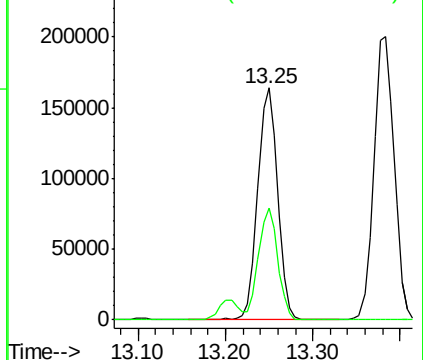


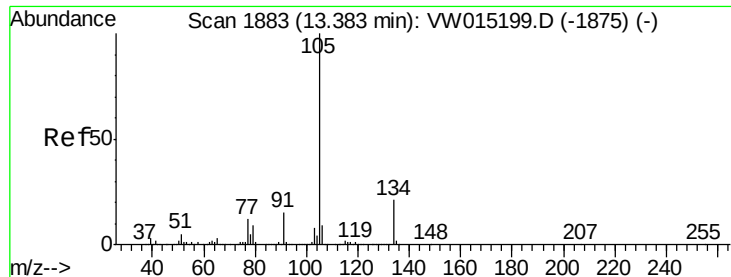
#84
 1,2,4-Trimethylbenzene
 Concen: 9.645 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion:105 Resp: 259737
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 9.738 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

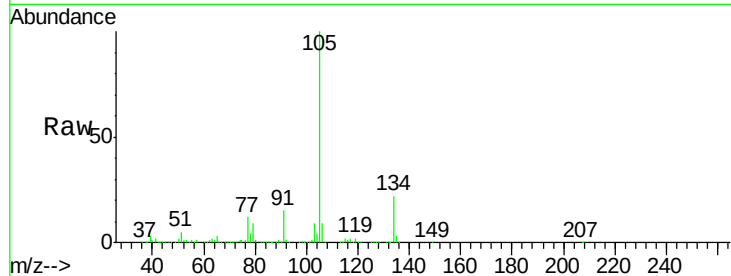
VSTDIC010

Tot Ion:105 Resp: 322178

Ion Ratio Lower Upper

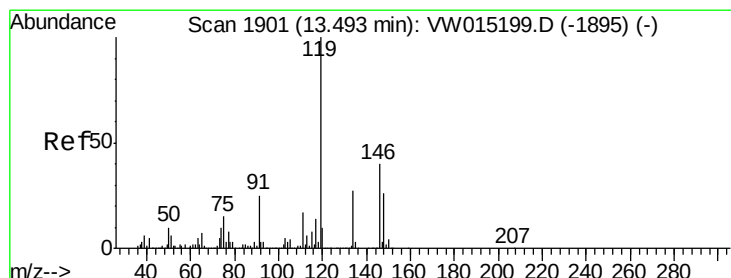
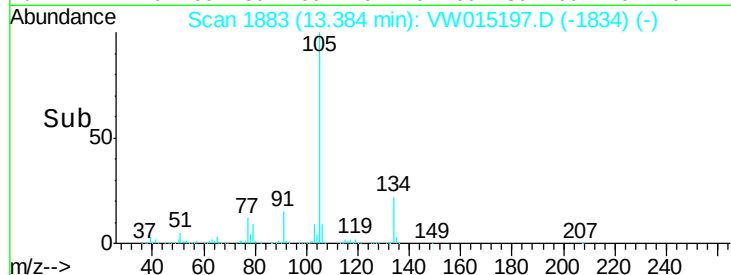
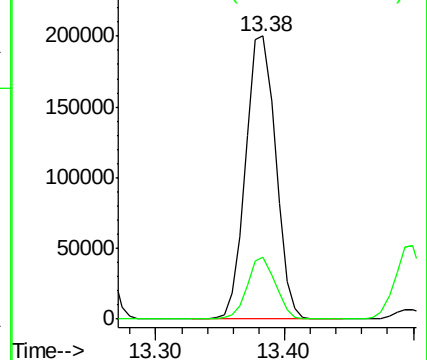
105 100

134 20.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.264 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW015197.D

Acq: 15 Apr 2020 12:22

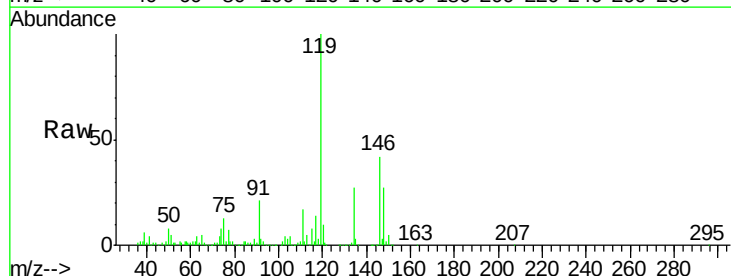
Tgt Ion:119 Resp: 292980

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

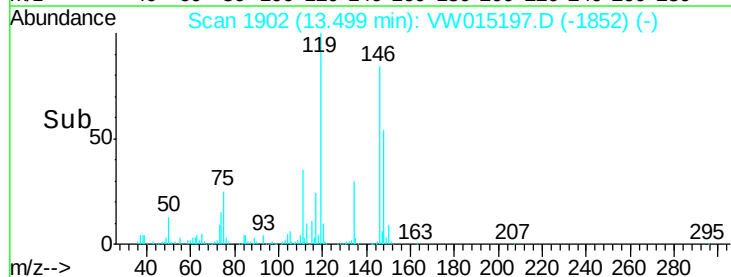
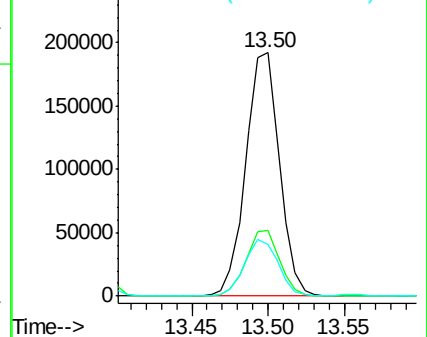
91 23.4 12.0 36.1

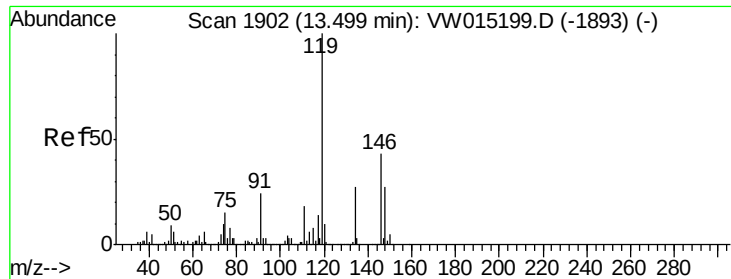


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

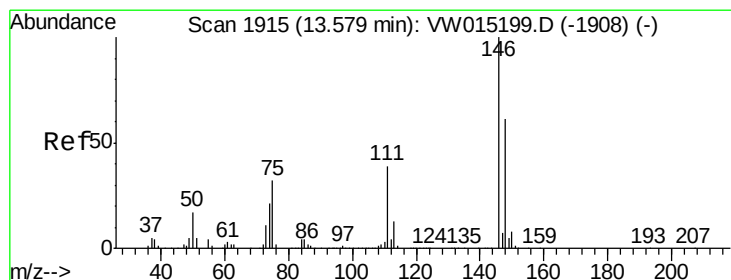
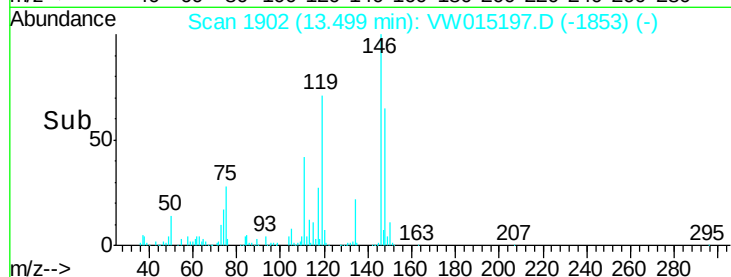
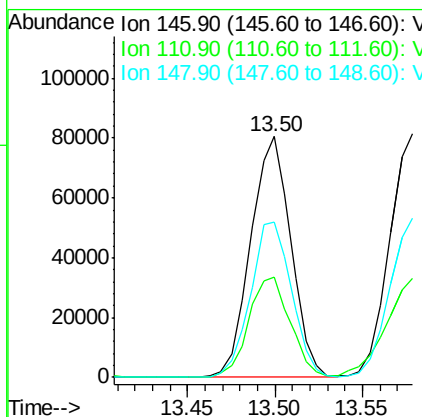
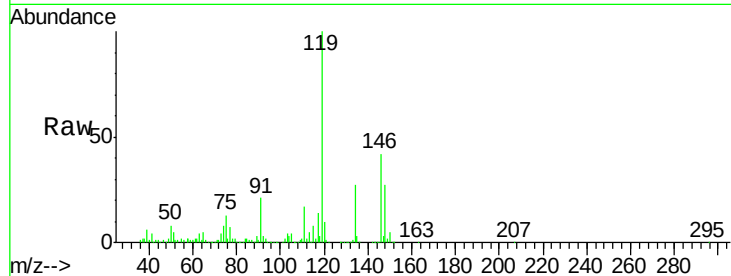




#87
 1,3-Dichlorobenzene
 Concen: 9.709 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

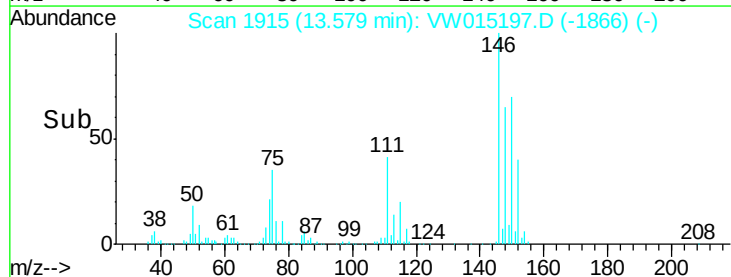
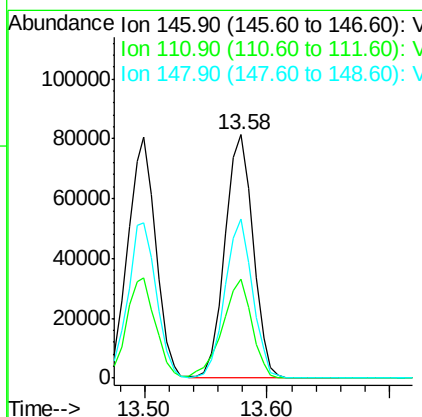
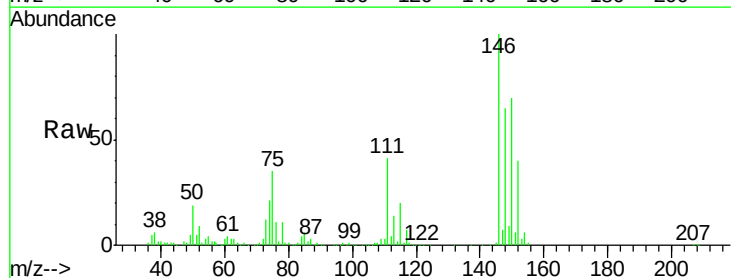
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

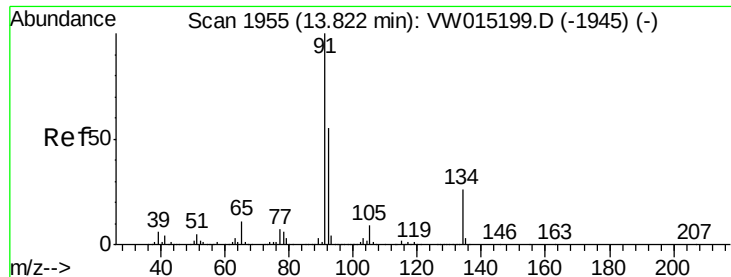
Tot Ion:146 Resp: 128645
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.4
 148 66.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 9.912 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion:146 Resp: 129660
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.4 61.3
 148 64.1 31.5 94.5

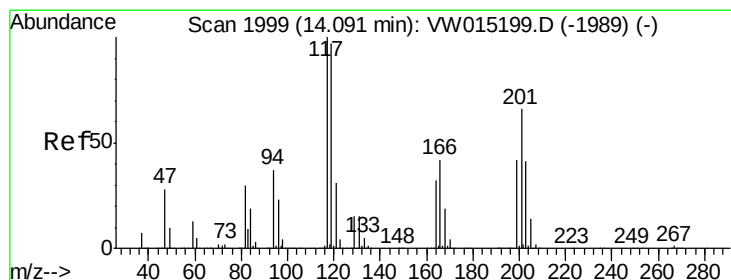
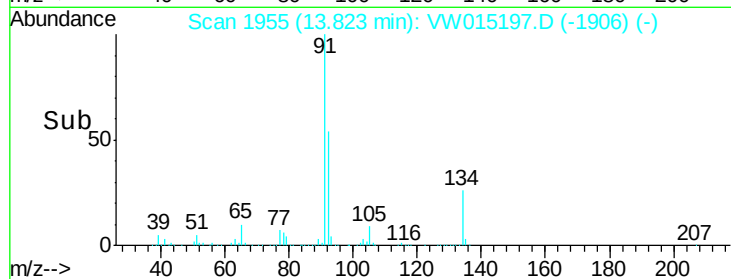
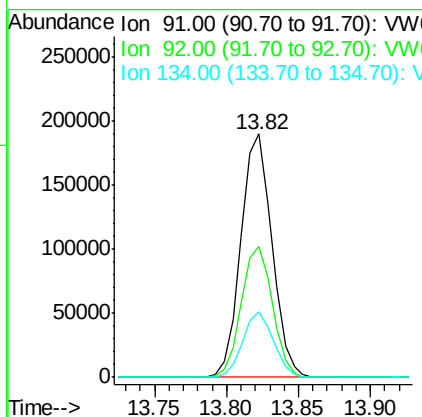
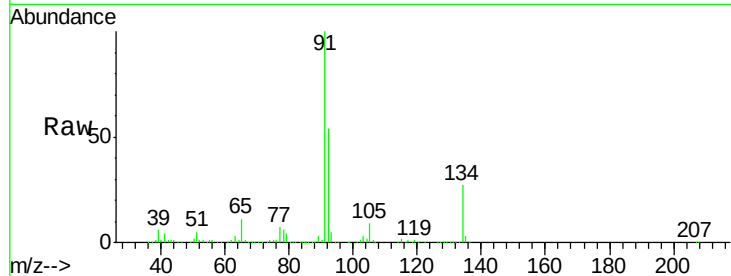




#89
n-Butylbenzene
Concen: 9.373 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

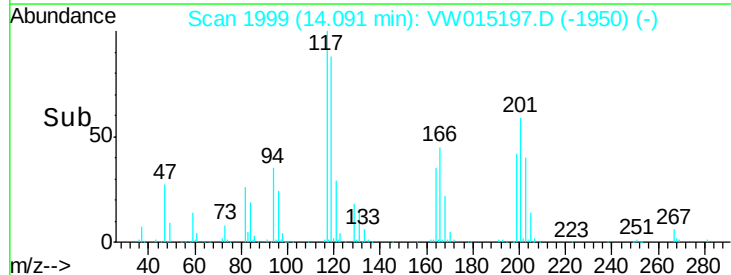
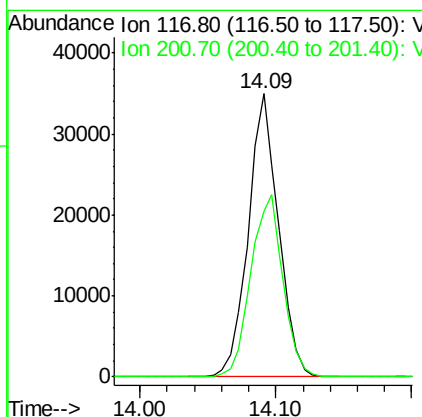
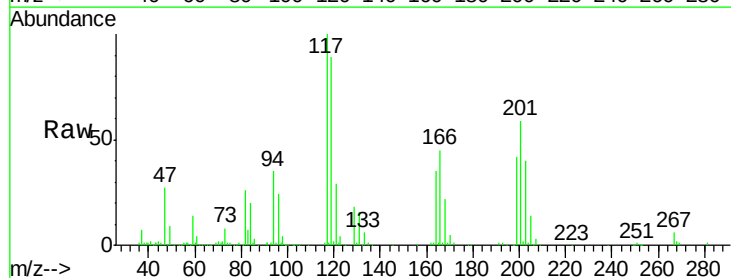
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

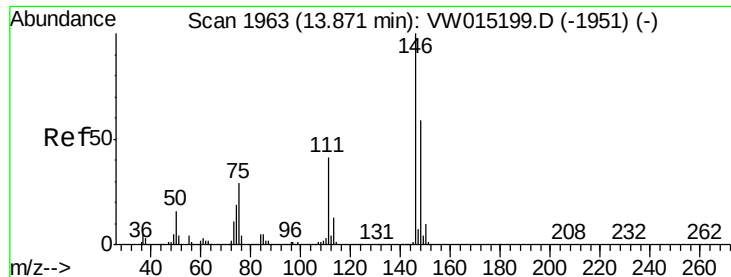
Tot Ion: 91 Resp: 284435
Ion Ratio Lower Upper
91 100
92 53.8 27.6 82.7
134 26.3 12.8 38.3



#90
Hexachloroethane
Concen: 9.444 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion: 117 Resp: 54455
Ion Ratio Lower Upper
117 100
201 68.3 33.6 100.6

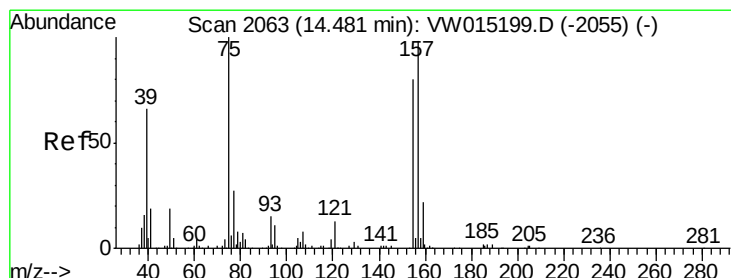
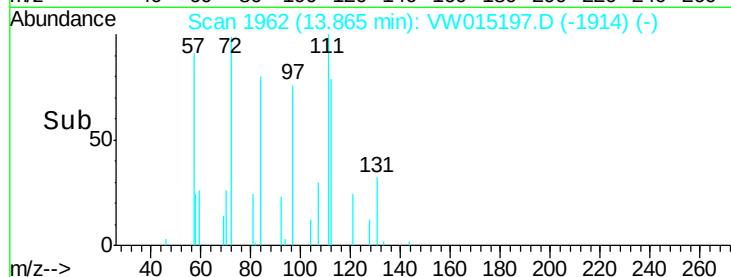
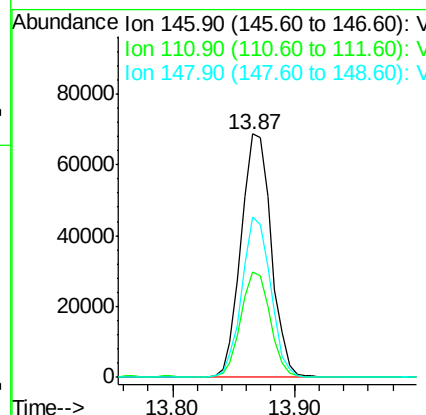
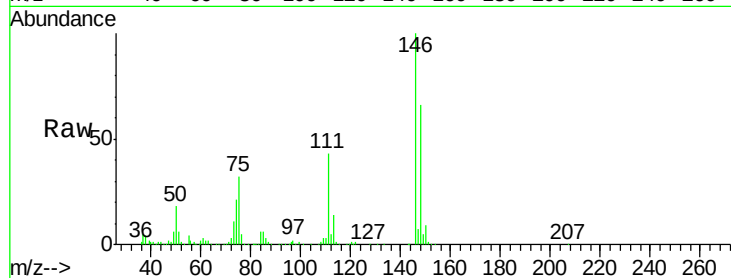




#91
 1,2-Dichlorobenzene
 Concen: 10.080 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

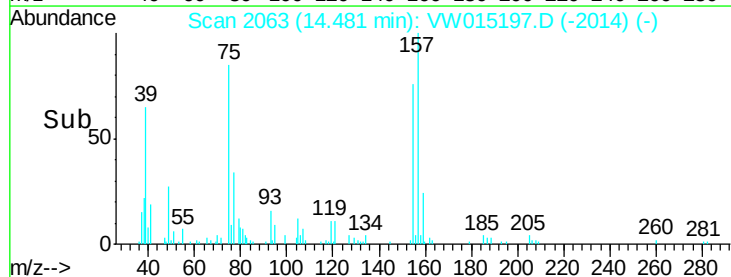
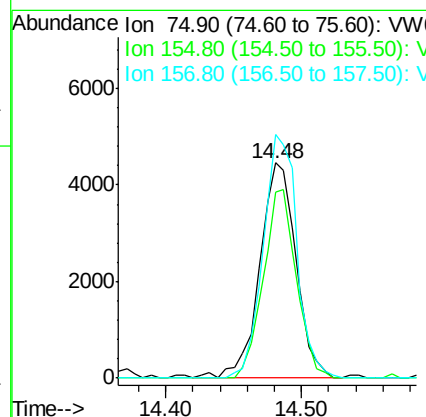
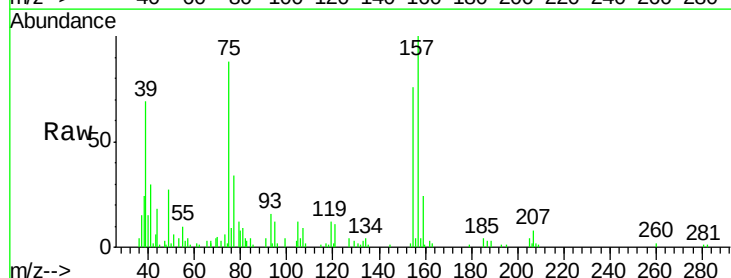
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

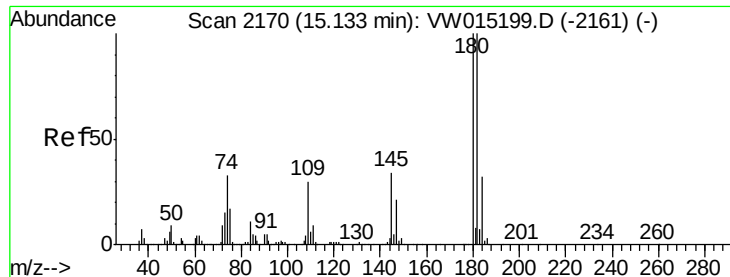
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	65.0
148	63.0	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.283 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	41.6	124.9
157	105.6	53.8	161.2

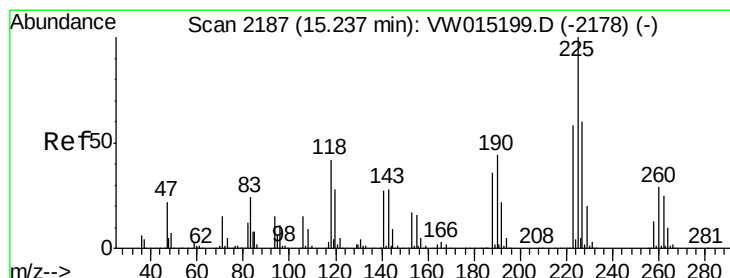
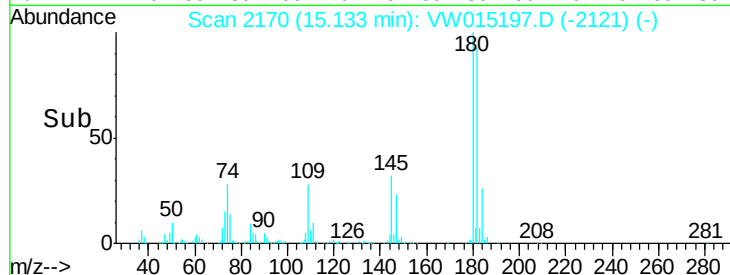
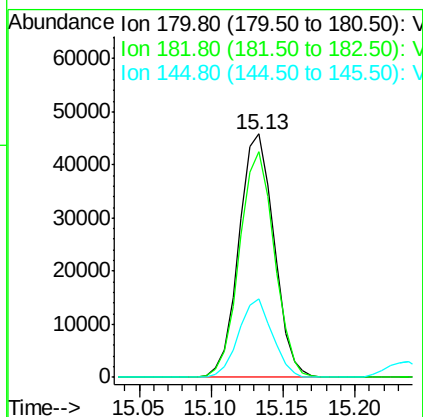
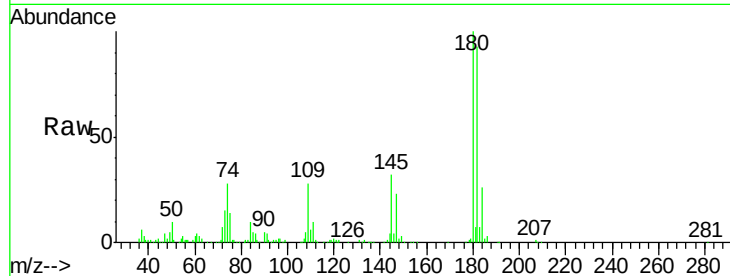




#93
 1,2,4-Trichlorobenzene
 Concen: 11.415 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

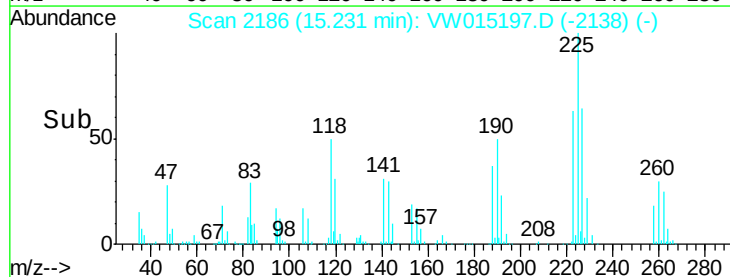
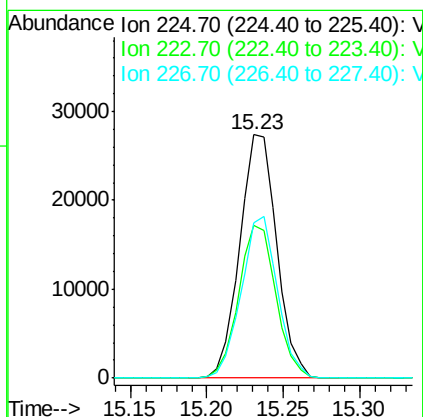
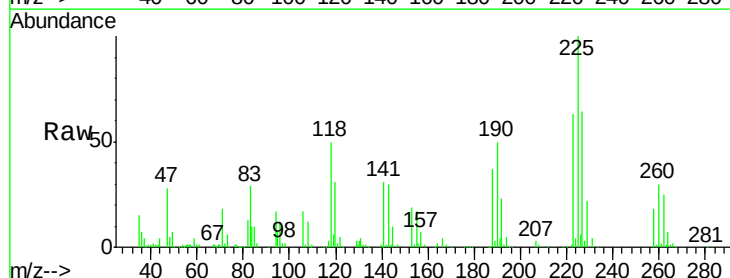
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

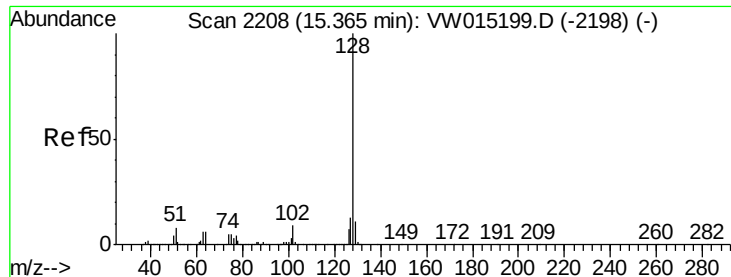
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.1	141.4
145	31.1	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 10.829 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015197.D
 Acq: 15 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.0	93.0
227	65.0	30.8	92.3

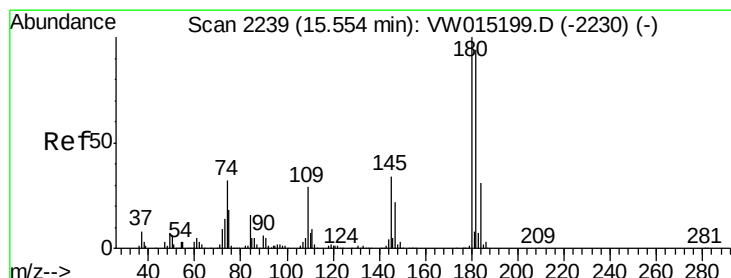
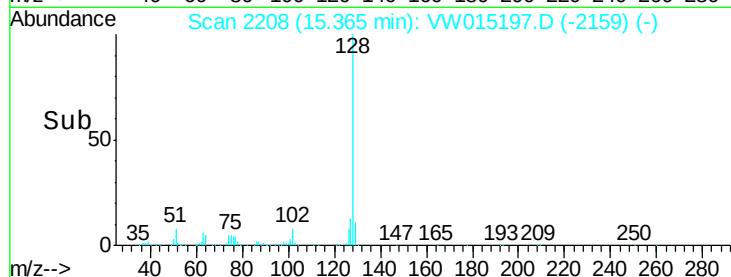
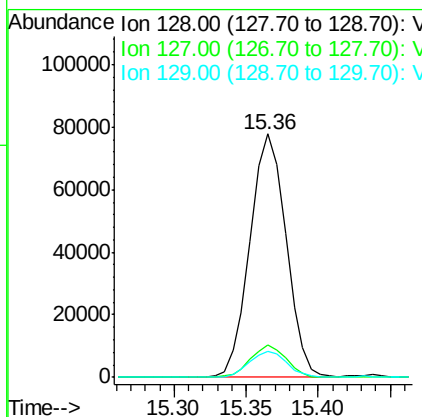
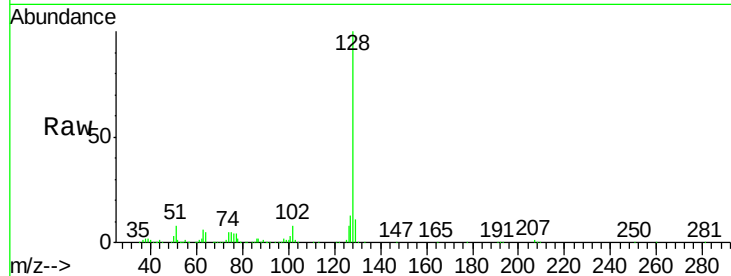




#95
Naphthalene
Concen: 10.687 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:128 Resp: 135900
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 10.624 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW015197.D
Acq: 15 Apr 2020 12:22

Tgt Ion:180 Resp: 63955
Ion Ratio Lower Upper
180 100
182 94.9 48.8 146.3
145 34.9 17.2 51.6

