

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015279.D
 Acq On : 21 Apr 2020 23:23
 Operator : SY/VA
 Sample : VW0421SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	94548	55.30	ug/l	0.00
Spiked Amount			Recovery	=	110.60%	
35) Dibromofluoromethane	7.88	113	95236	56.43	ug/l	0.00
Spiked Amount			Recovery	=	112.86%	
50) Toluene-d8	10.32	98	373148	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.62	95	141657	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	32567	19.726	ug/l	100
3) Chloromethane	2.21	50	37164	20.671	ug/l	99
4) Vinyl Chloride	2.36	62	43178	20.337	ug/l	98
5) Bromomethane	2.76	94	36745	24.342	ug/l	92
6) Chloroethane	2.92	64	26410	20.054	ug/l	98
7) Trichlorofluoromethane	3.26	101	60496	20.137	ug/l	100
8) Diethyl Ether	3.69	74	18520	21.962	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.07	101	37350	20.160	ug/l	91
10) Methyl Iodide	4.28	142	36937	18.982	ug/l	99
11) Tert butyl alcohol	5.19	59	12811	91.924	ug/l	97
12) 1,1-Dichloroethene	4.04	96	36397	20.410	ug/l	90
13) Acrolein	3.90	56	10075	138.121	ug/l	99
14) Allyl chloride	4.67	41	46110	19.491	ug/l #	84
15) Acrylonitrile	5.38	53	32060	99.903	ug/l	98
16) Acetone	4.13	43	23278	77.954	ug/l	95
17) Carbon Disulfide	4.39	76	105648	19.936	ug/l	99
18) Methyl Acetate	4.68	43	15639	19.785	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	89156	21.779	ug/l	93
20) Methylene Chloride	4.92	84	40617	20.754	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	42331	20.931	ug/l	92
22) Diisopropyl ether	6.32	45	95363	21.013	ug/l	94
23) Vinyl Acetate	6.26	43	278561	104.596	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	66235	21.058	ug/l	98
25) 2-Butanone	7.18	43	37682	95.113	ug/l	94
26) 2,2-Dichloropropane	7.17	77	62312	18.831	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47102	21.573	ug/l	97
28) Bromochloromethane	7.51	49	24527	21.448	ug/l #	72
29) Tetrahydrofuran	7.54	42	24834	100.613	ug/l #	87
30) Chloroform	7.68	83	72921	21.481	ug/l	100
31) Cyclohexane	7.95	56	60363	19.092	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	68530	20.917	ug/l	98
36) 1,1-Dichloropropene	8.09	75	56376	20.500	ug/l	98
37) Ethyl Acetate	7.26	43	18568	20.805	ug/l	97
38) Carbon Tetrachloride	8.07	117	59991	19.962	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015279.D
 Acq On : 21 Apr 2020 23:23
 Operator : SY/VA
 Sample : VW0421SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69360	18.950	ug/l	95
40) Benzene	8.32	78	155198	21.127	ug/l	98
41) Methacrylonitrile	7.48	41	9850	18.394	ug/l #	82
42) 1,2-Dichloroethane	8.40	62	45183	20.893	ug/l	99
43) Isopropyl Acetate	8.43	43	37800	20.194	ug/l	94
44) Trichloroethene	9.09	130	49757	22.144	ug/l	94
45) 1,2-Dichloropropane	9.37	63	36661	21.460	ug/l	97
46) Dibromomethane	9.46	93	21359	21.614	ug/l #	87
47) Bromodichloromethane	9.65	83	56540	21.403	ug/l	99
48) Methyl methacrylate	9.44	41	16302	18.423	ug/l #	80
49) 1,4-Dioxane	9.45	88	4802	364.512	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	88371	100.570	ug/l	97
52) Toluene	10.39	92	105964	20.611	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	52905	20.311	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	62375	20.602	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29580	21.377	ug/l	97
56) Ethyl methacrylate	10.65	69	35519	19.925	ug/l	92
57) 1,3-Dichloropropane	10.93	76	48851	21.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	86692	104.898	ug/l	89
59) 2-Hexanone	10.97	43	58302	92.948	ug/l	96
60) Dibromochloromethane	11.13	129	39570	21.658	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28891	21.397	ug/l	99
64) Tetrachloroethene	10.86	164	42902	21.175	ug/l	93
65) Chlorobenzene	11.66	112	116178	20.856	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	44737	22.345	ug/l	96
67) Ethyl Benzene	11.73	91	209940	20.209	ug/l	97
68) m/p-Xylenes	11.84	106	164406	40.375	ug/l	99
69) o-Xylene	12.16	106	79327	20.871	ug/l	97
70) Styrene	12.18	104	133484	20.604	ug/l	99
71) Bromoform	12.35	173	24268	21.512	ug/l #	96
73) Isopropylbenzene	12.46	105	216051	19.992	ug/l	100
74) N-amyl acetate	12.27	43	36708	19.525	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	30832	20.094	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	40683	33.740	ug/l #	100
77) Bromobenzene	12.74	156	52504	21.147	ug/l	82
78) n-propylbenzene	12.80	91	250350	19.897	ug/l	97
79) 2-Chlorotoluene	12.89	91	143148	20.187	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	190032	20.414	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10152	18.405	ug/l	95
82) 4-Chlorotoluene	12.99	91	152660	20.277	ug/l	98
83) tert-Butylbenzene	13.20	119	164136	20.173	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	188145	20.491	ug/l	100
85) sec-Butylbenzene	13.38	105	223291	19.872	ug/l	98
86) p-Isopropyltoluene	13.50	119	212521	20.354	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101908	20.658	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	101143	20.915	ug/l	97
89) n-Butylbenzene	13.82	91	186102	19.500	ug/l	98
90) Hexachloroethane	14.09	117	38714	20.218	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	90967	21.220	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5341	19.235	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015279.D
Acq On : 21 Apr 2020 23:23
Operator : SY/VA
Sample : VW0421SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 22 06:03:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

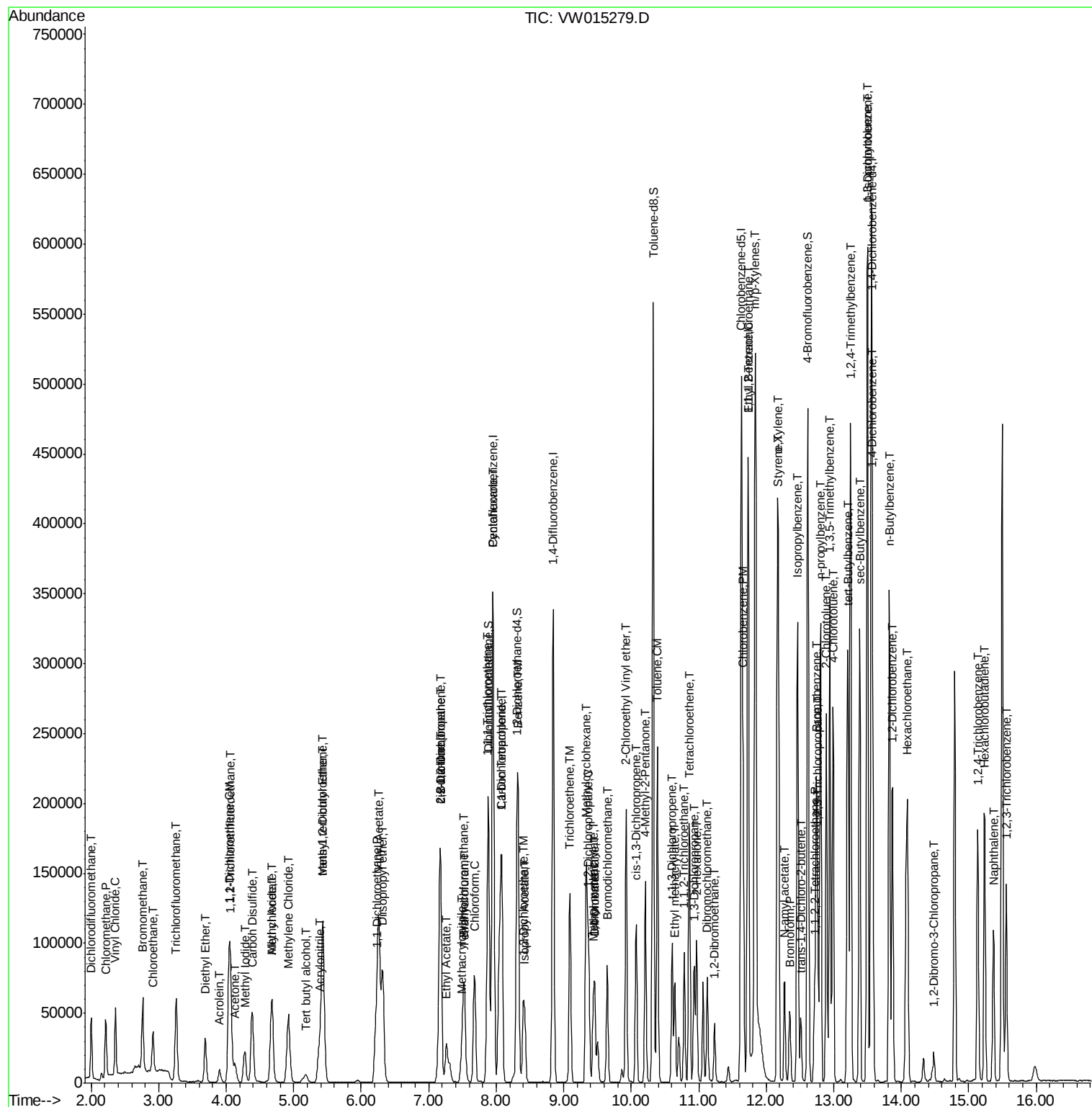
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60517	20.310	ug/l	97
94) Hexachlorobutadiene	15.24	225	41790	21.036	ug/l	98
95) Naphthalene	15.36	128	95317	19.886	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51813	21.372	ug/l	95

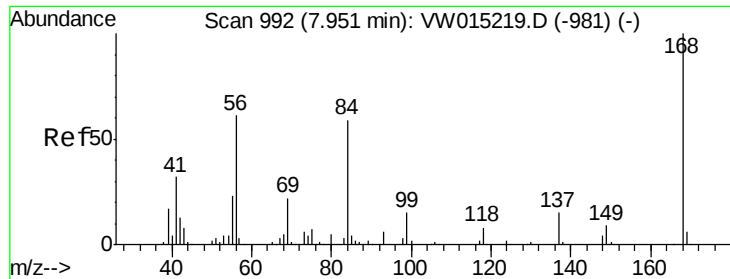
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015279.D
 Acq On : 21 Apr 2020 23:23
 Operator : SY/VA
 Sample : VW0421SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:03:54 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

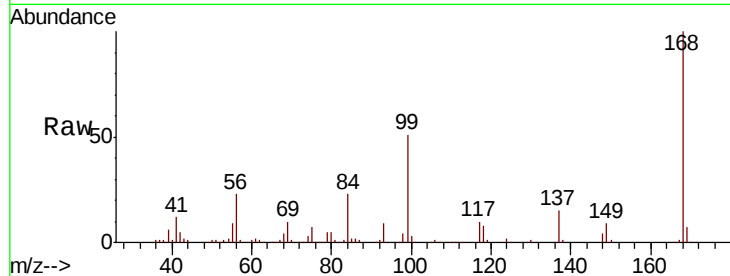
ClientSampleId :

Tot Ion:168 Resp: 209070

Ion Ratio Lower Upper

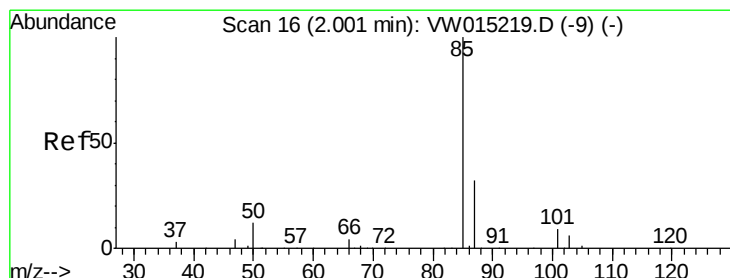
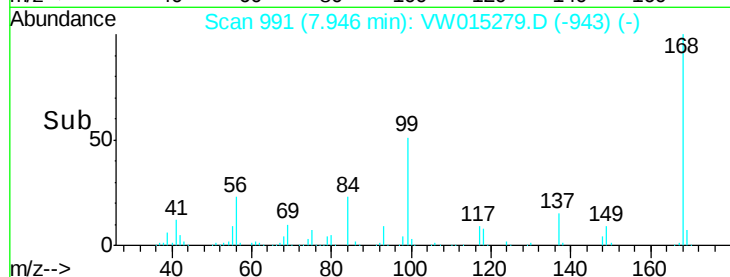
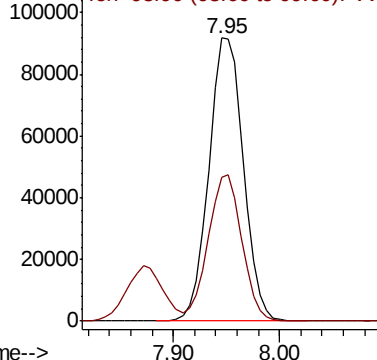
168 100

99 50.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.726 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015279.D

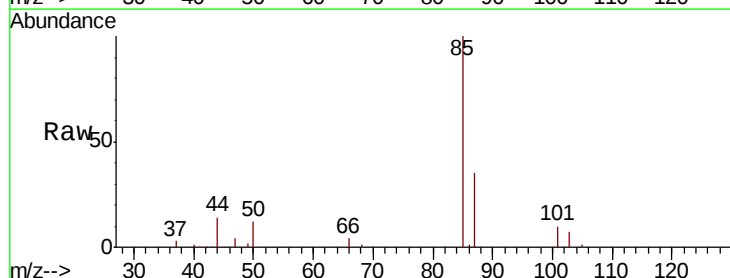
Acq: 21 Apr 2020 23:23

Tgt Ion: 85 Resp: 32567

Ion Ratio Lower Upper

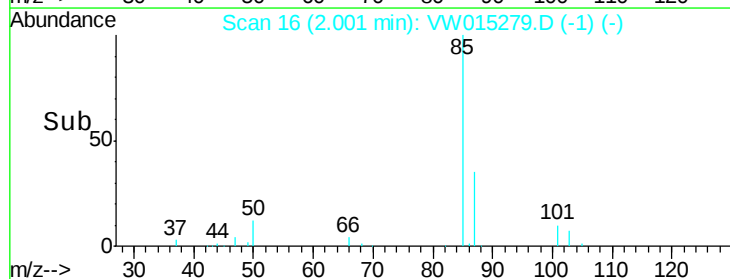
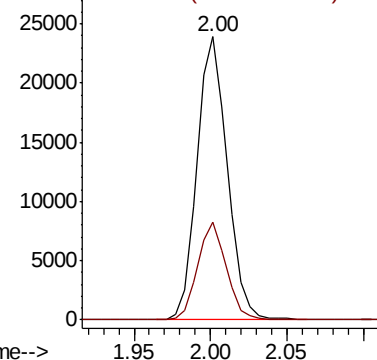
85 100

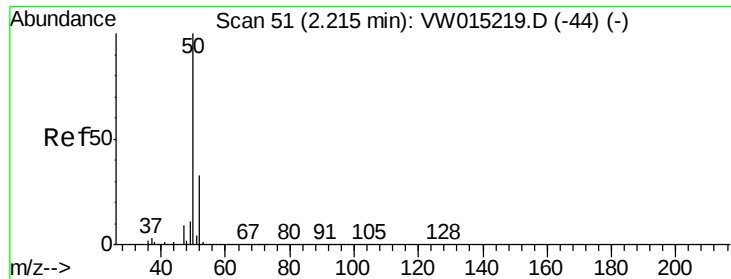
87 34.5 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

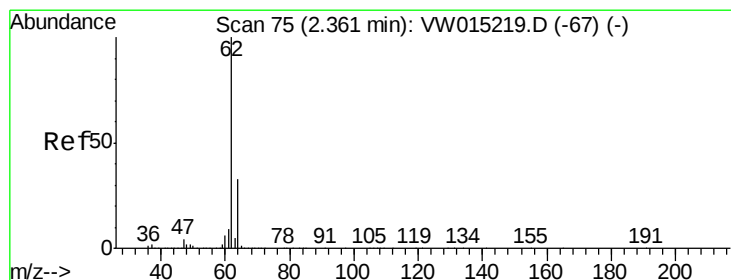
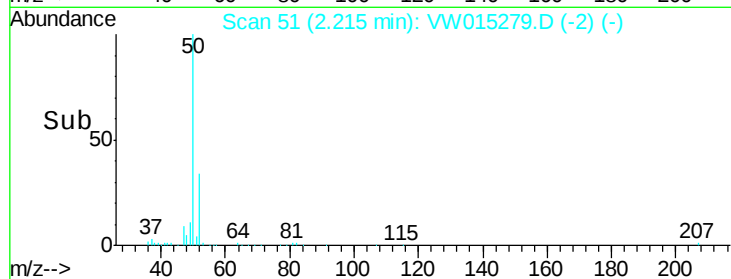
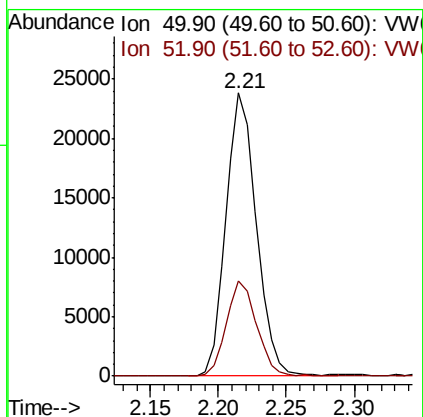
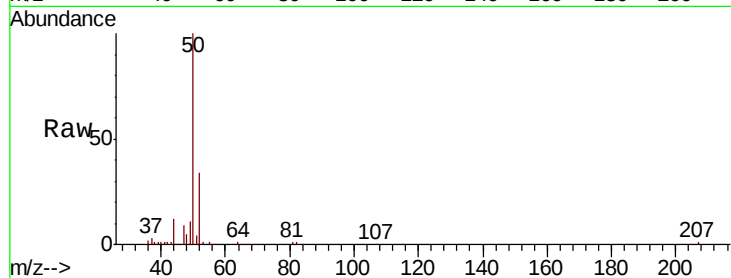




#3
Chloromethane
Concen: 20.671 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

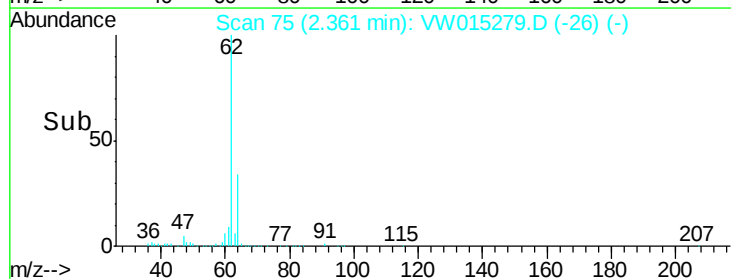
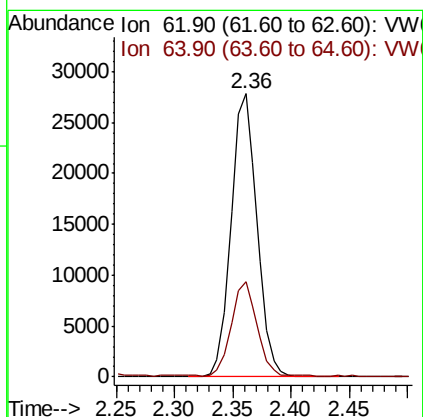
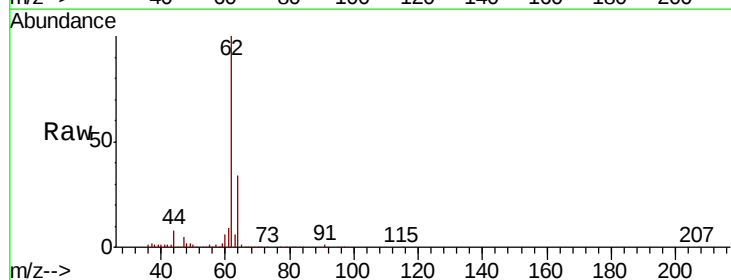
Instrument :
MSVOA_W
ClientSampled :

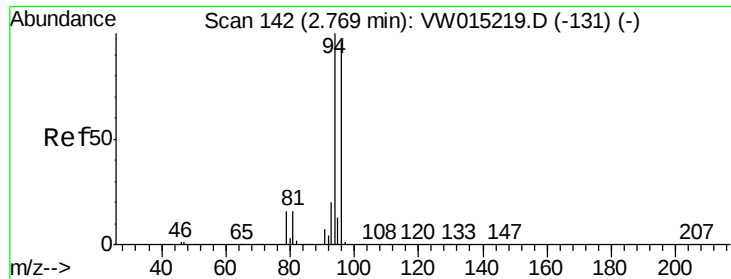
Tot Ion: 50 Resp: 37164
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 20.337 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 62 Resp: 43178
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.2





#5

Bromomethane

Concen: 24.342 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

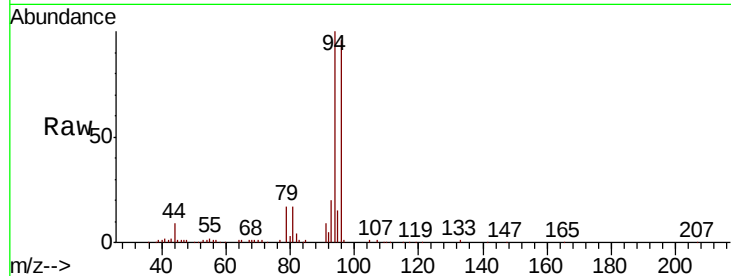
ClientSampleId :

Tot Ion: 94 Resp: 36745

Ion Ratio Lower Upper

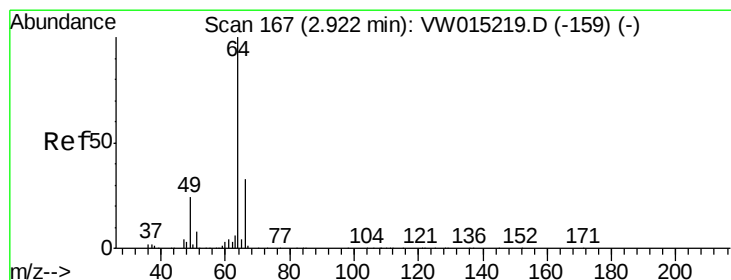
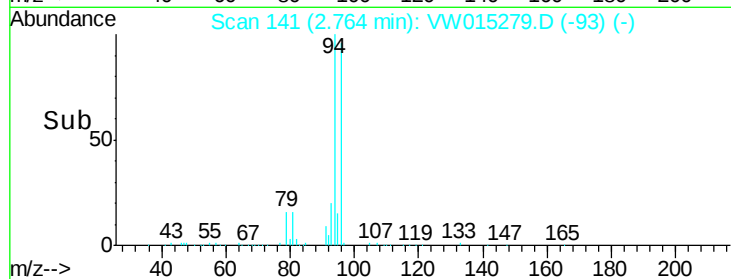
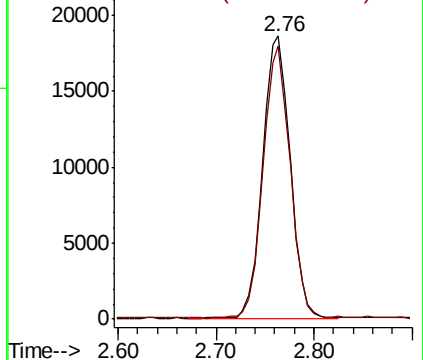
94 100

96 95.9 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.054 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015279.D

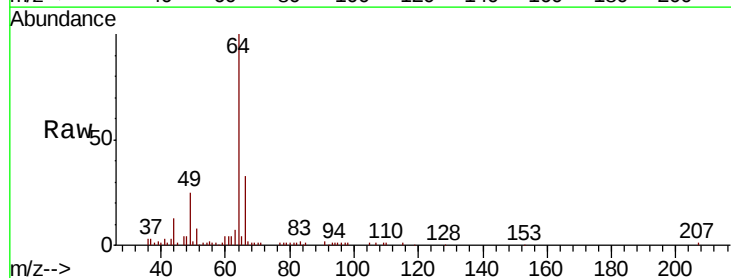
Acq: 21 Apr 2020 23:23

Tgt Ion: 64 Resp: 26410

Ion Ratio Lower Upper

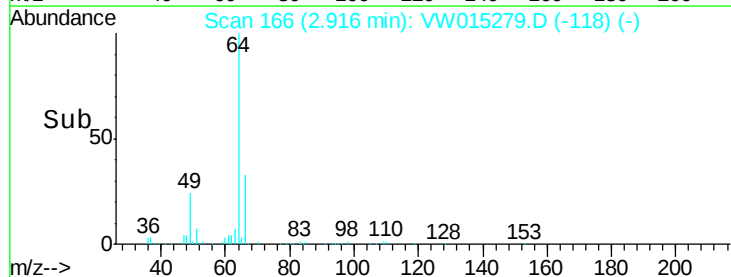
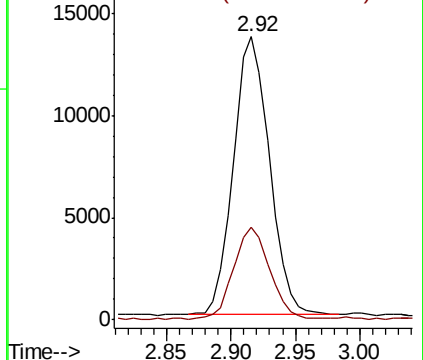
64 100

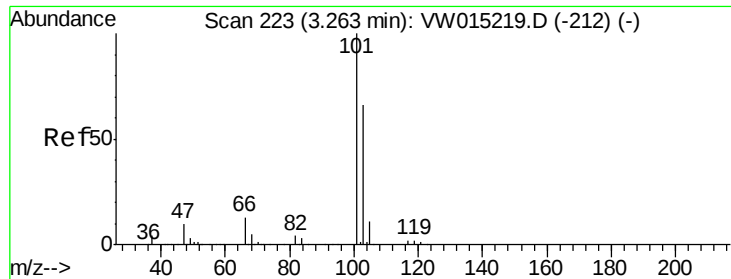
66 33.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



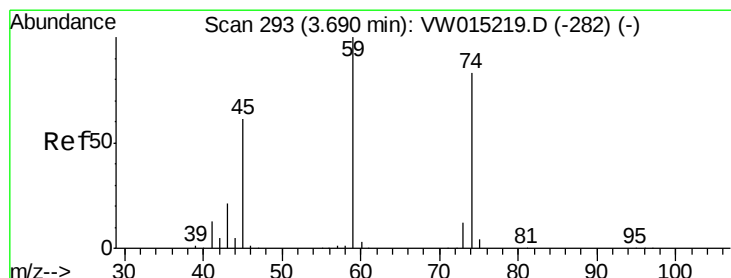
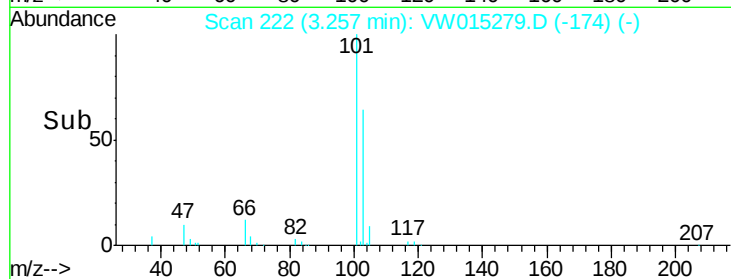
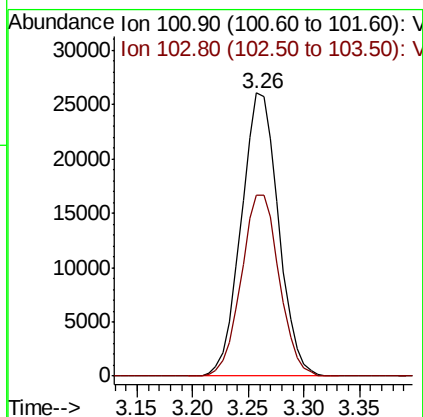
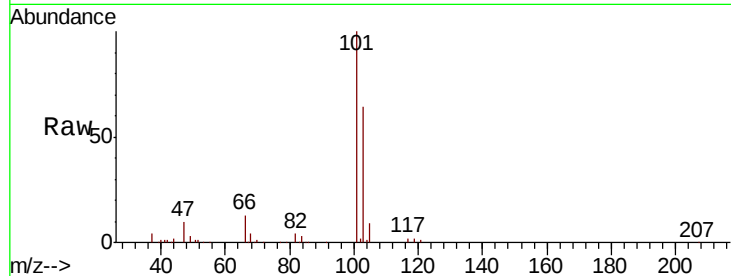


#7

Trichlorofluoromethane
 Concen: 20.137 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Instrument :
 MSVOA_W
 ClientSampleId :

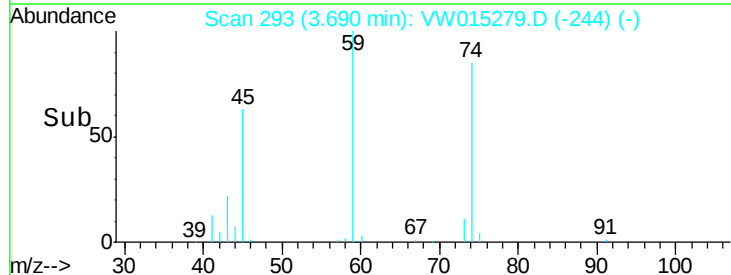
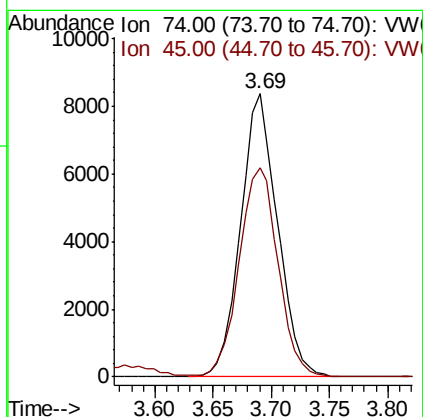
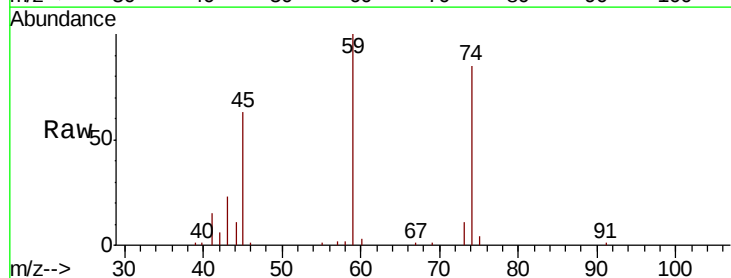
Tot Ion:101 Resp: 60496
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9

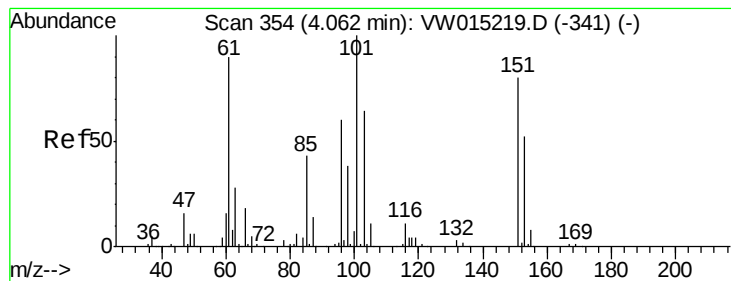


#8

Diethyl Ether
 Concen: 21.962 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion: 74 Resp: 18520
 Ion Ratio Lower Upper
 74 100
 45 78.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.160 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampleId :

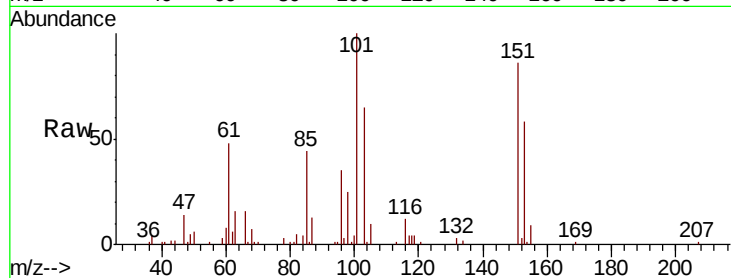
Tot Ion:101 Resp: 37350

Ion Ratio Lower Upper

101 100

85 43.9 35.3 52.9

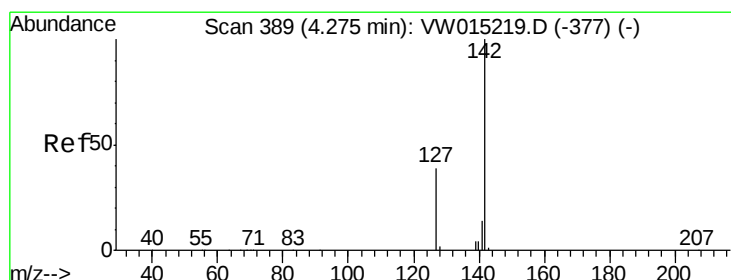
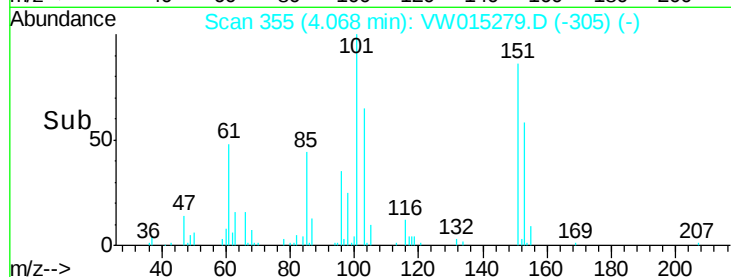
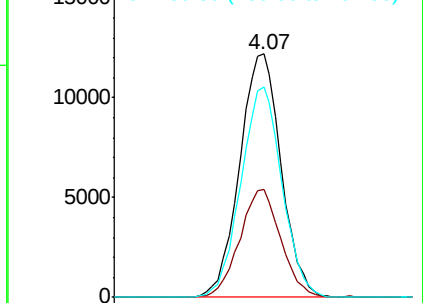
151 85.8 59.3 88.9



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: 18.982 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

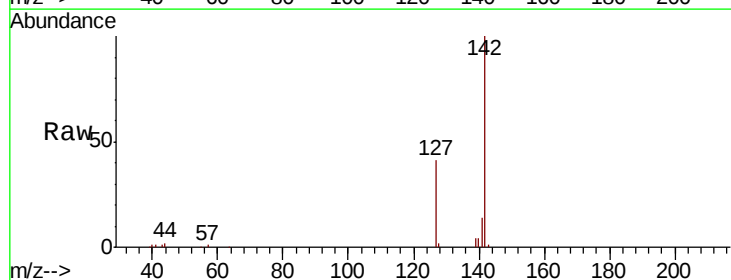
Tgt Ion:142 Resp: 36937

Ion Ratio Lower Upper

142 100

127 41.4 33.9 50.9

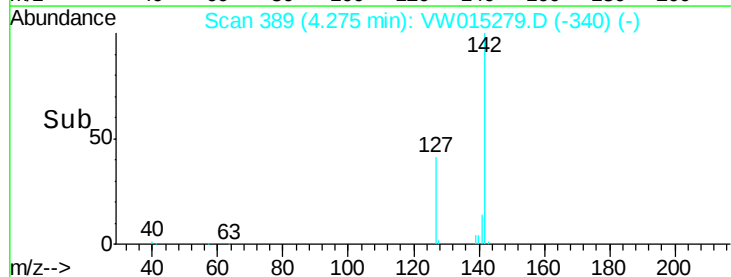
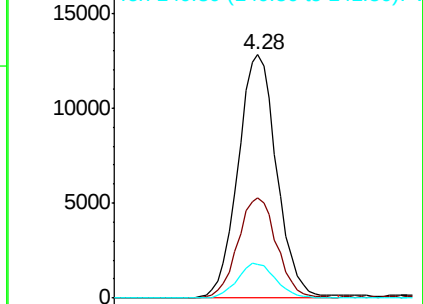
141 14.0 11.4 17.2

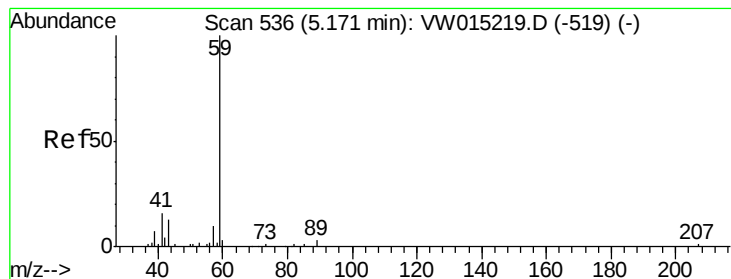


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.924 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

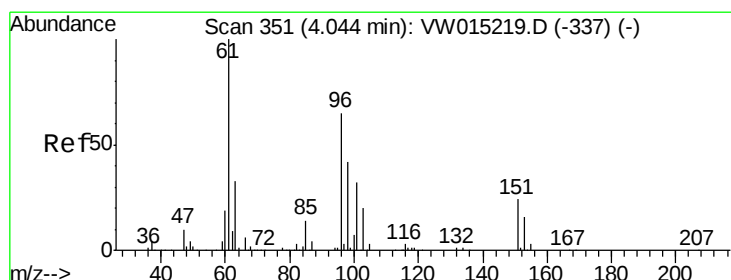
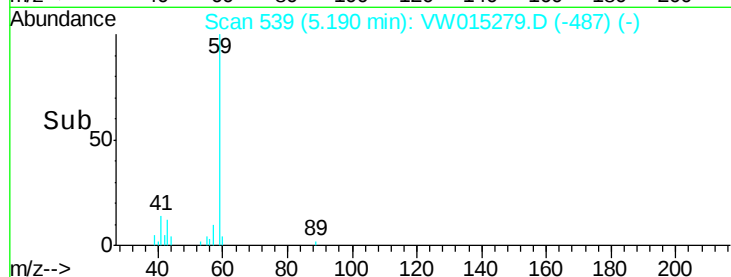
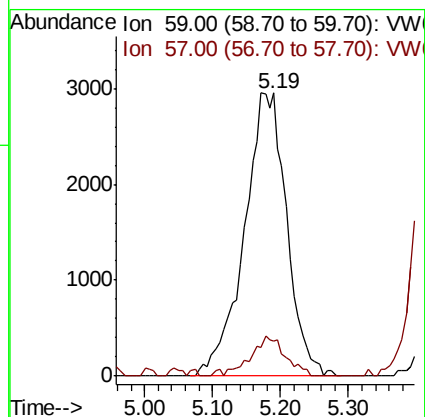
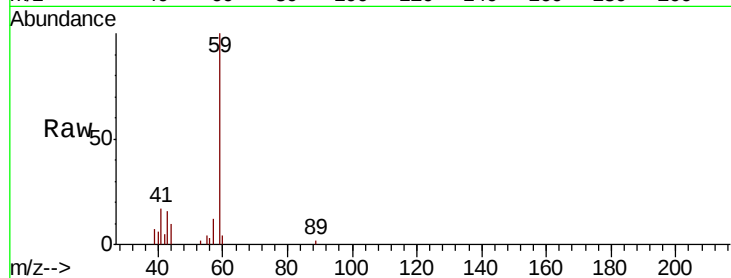
ClientSampleId :

Tot Ion: 59 Resp: 12811

Ion Ratio Lower Upper

59 100

57 11.4 8.4 12.6



#12

1,1-Dichloroethene

Concen: 20.410 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

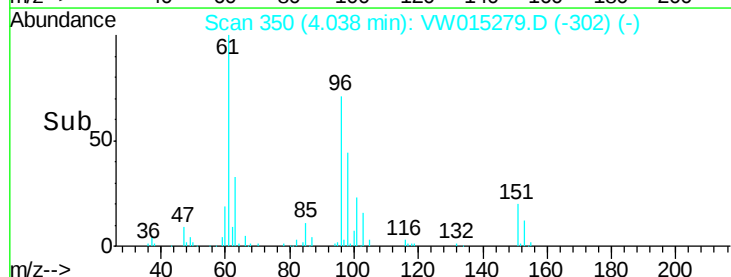
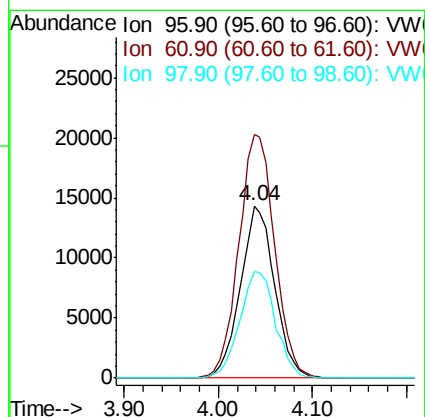
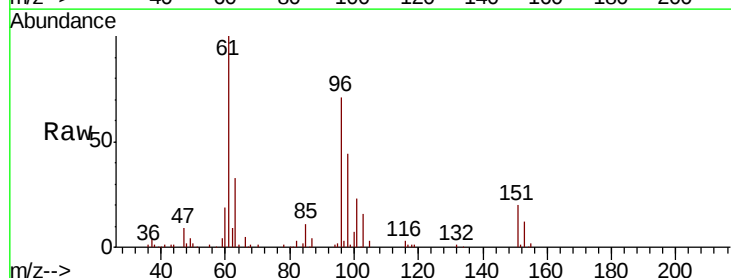
Tgt Ion: 96 Resp: 36397

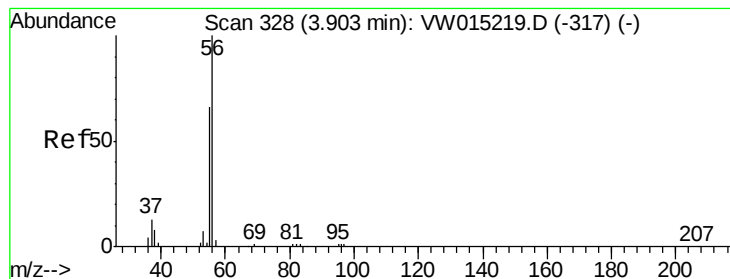
Ion Ratio Lower Upper

96 100

61 141.2 127.0 190.4

98 61.6 51.0 76.4





#13

Acrolein

Concen: 138.121 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

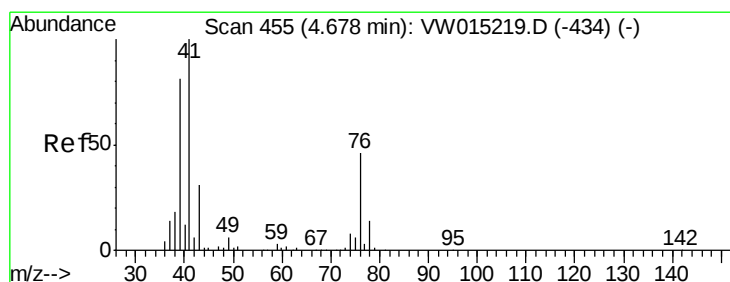
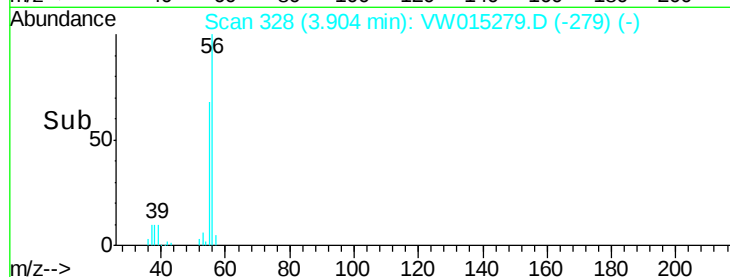
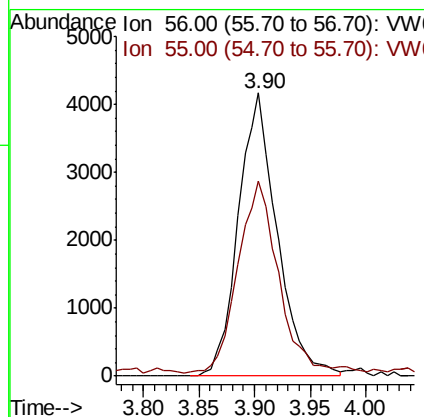
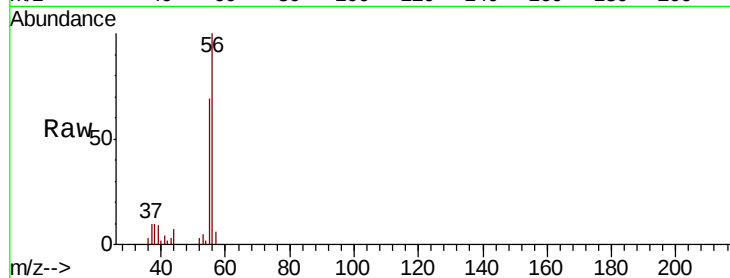
ClientSampleId :

Tot Ion: 56 Resp: 10075

Ion Ratio Lower Upper

56 100

55 69.4 56.2 84.2



#14

Allyl chloride

Concen: 19.491 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

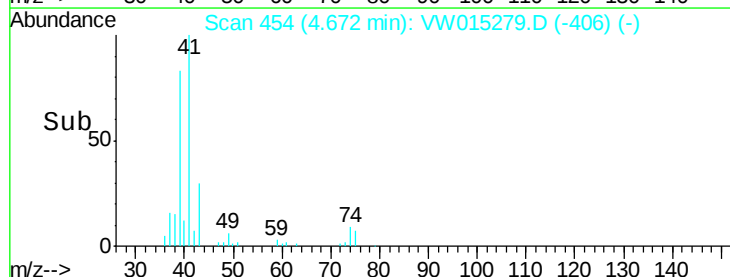
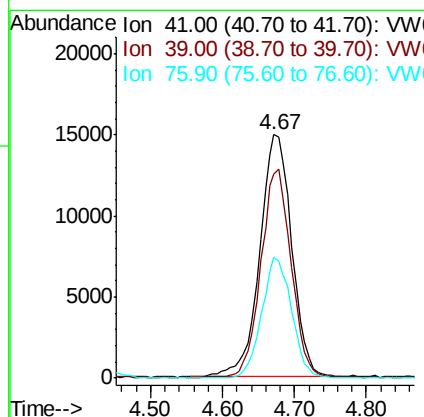
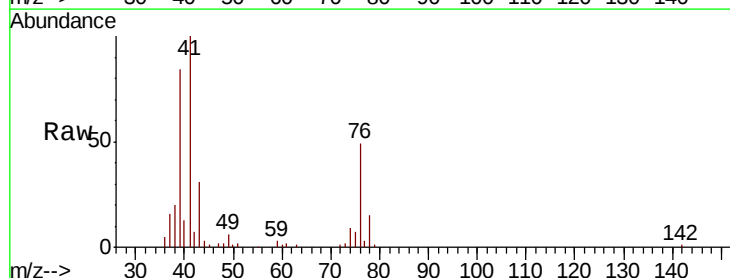
Tgt Ion: 41 Resp: 46110

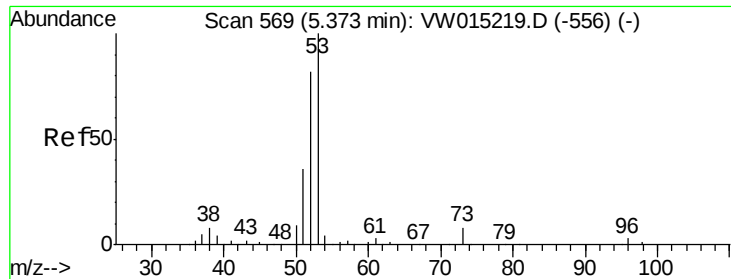
Ion Ratio Lower Upper

41 100

39 82.3 54.0 81.0#

76 46.4 31.8 47.6





#15

Acrylonitrile

Concen: 99.903 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampled :

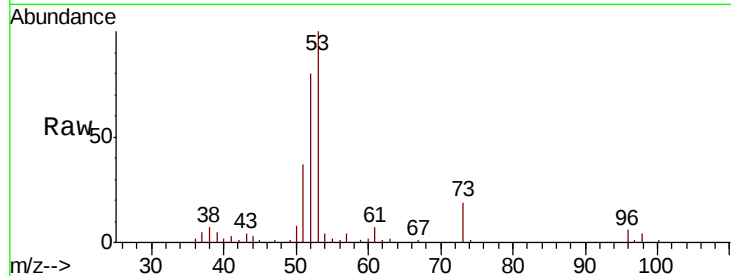
Tot Ion: 53 Resp: 32060

Ion Ratio Lower Upper

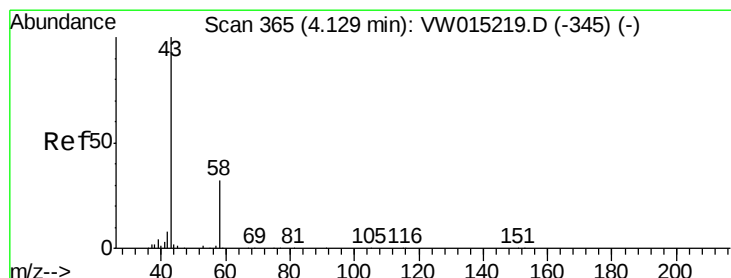
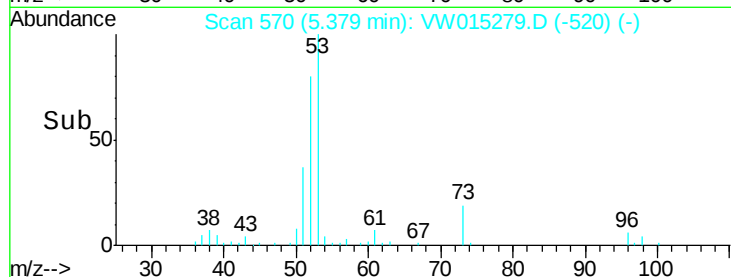
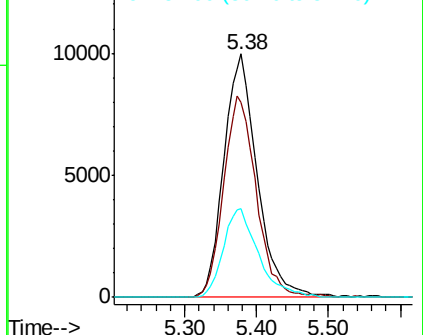
53 100

52 81.2 65.2 97.8

51 38.1 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: 77.954 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015279.D

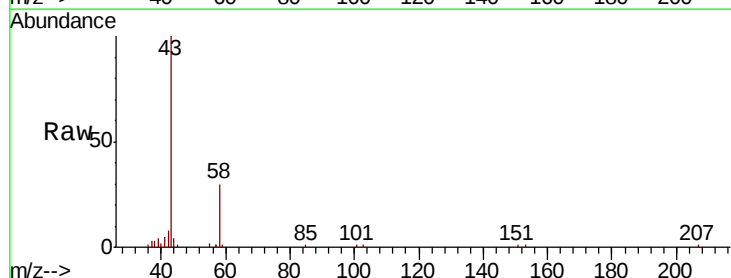
Acq: 21 Apr 2020 23:23

Tgt Ion: 43 Resp: 23278

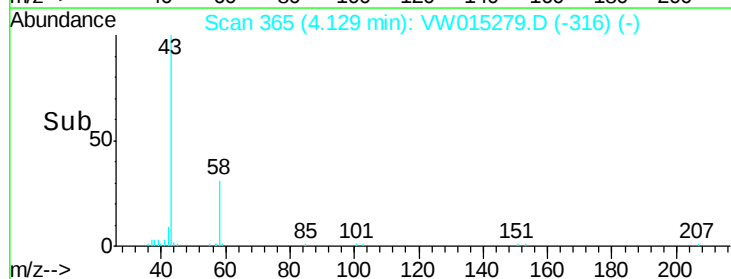
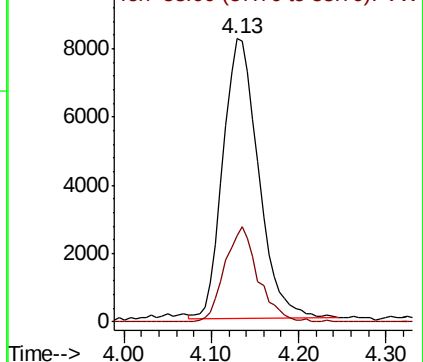
Ion Ratio Lower Upper

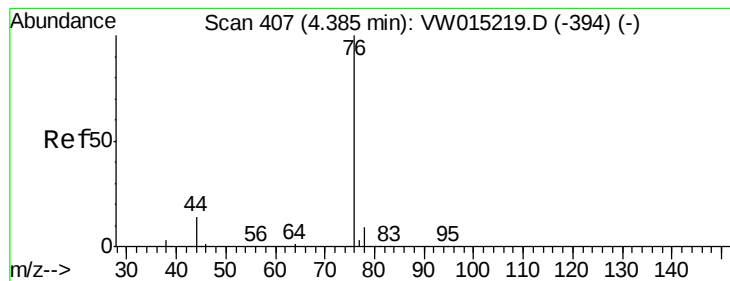
43 100

58 30.9 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: 19.936 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

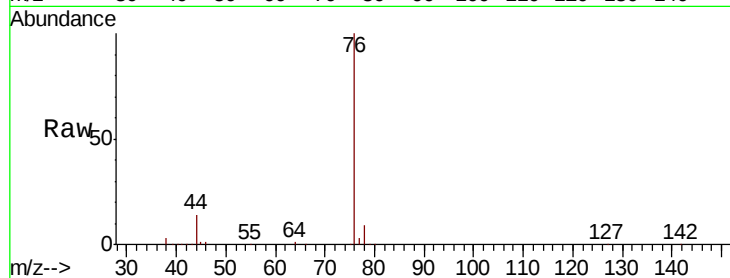
ClientSampleId :

Tot Ion: 76 Resp: 105648

Ion Ratio Lower Upper

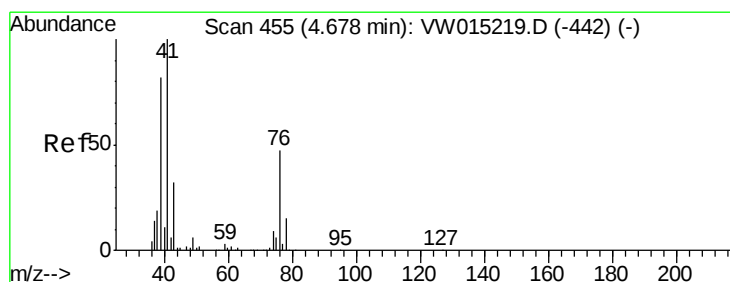
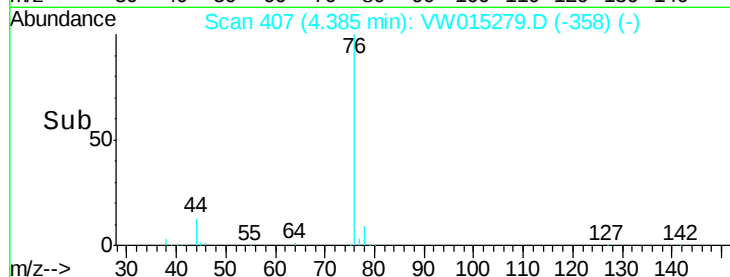
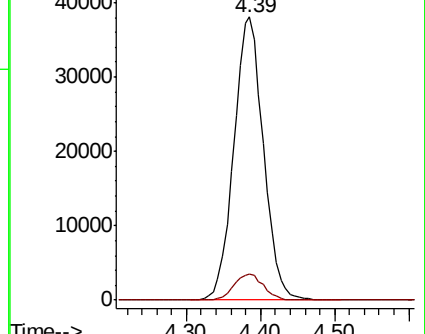
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.785 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015279.D

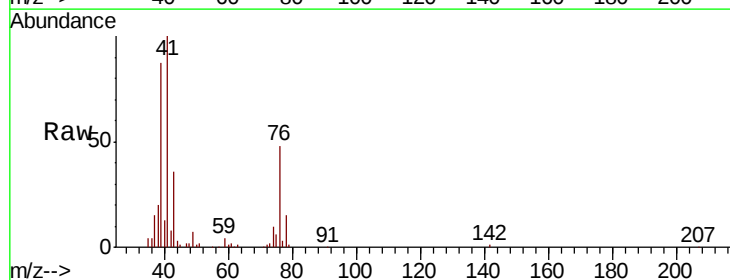
Acq: 21 Apr 2020 23:23

Tgt Ion: 43 Resp: 15639

Ion Ratio Lower Upper

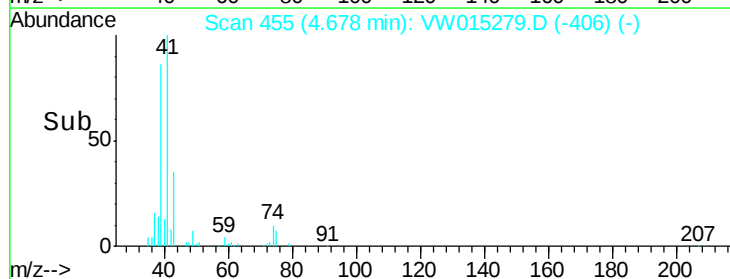
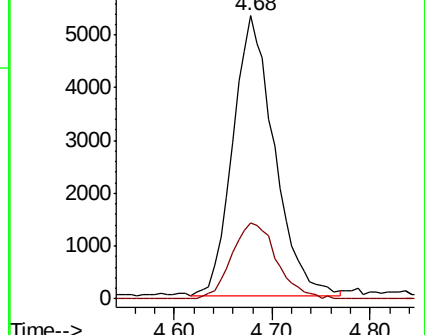
43 100

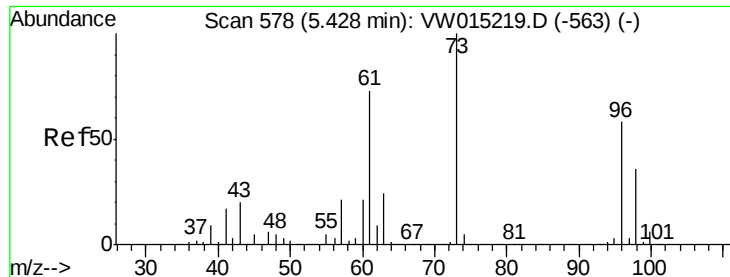
74 29.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

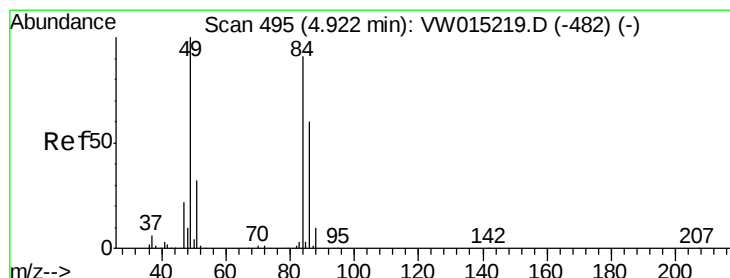
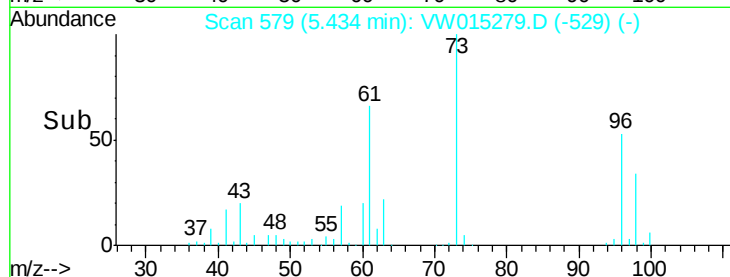
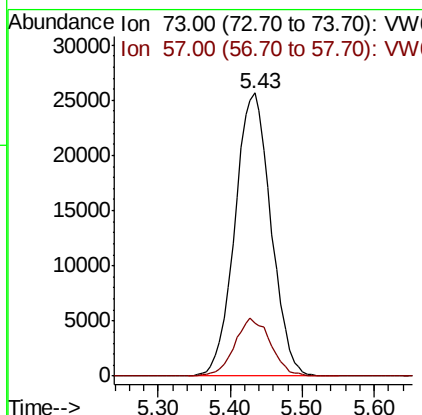
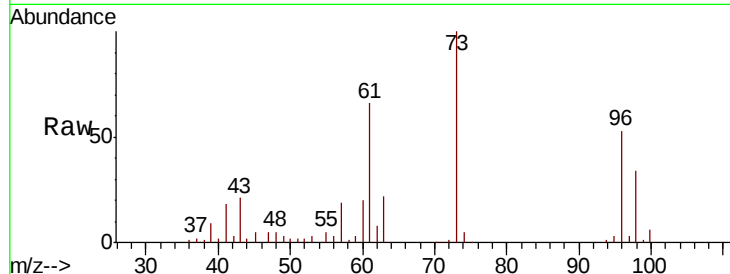




#19
Methyl tert-butyl Ether
Concen: 21.779 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

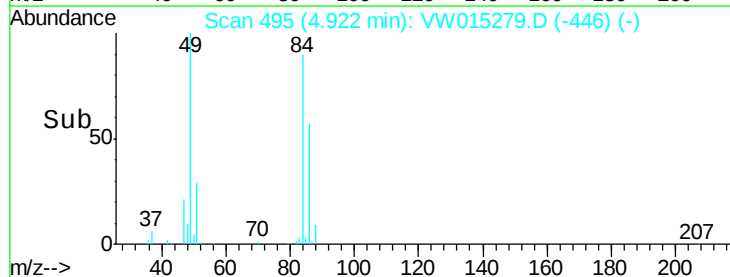
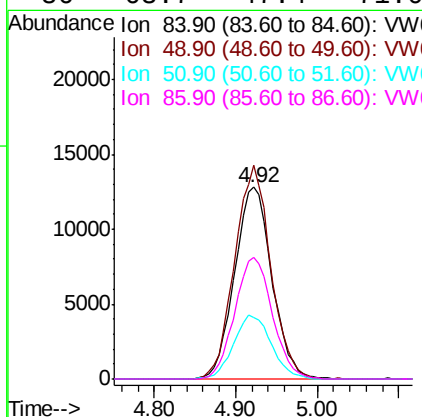
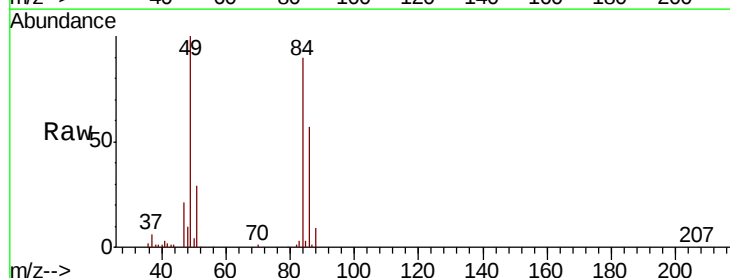
Instrument :
MSVOA_W
ClientSampled :

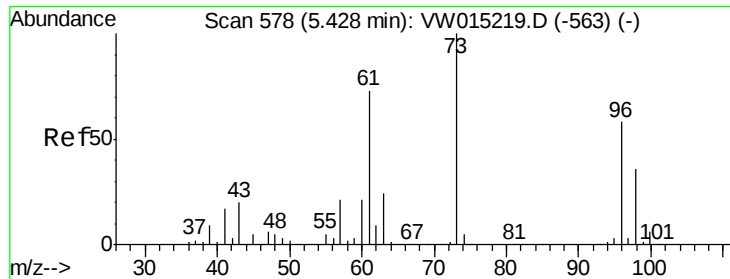
Tot Ion: 73 Resp: 89156
Ion Ratio Lower Upper
73 100
57 18.9 17.8 26.6



#20
Methylene Chloride
Concen: 20.754 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 84 Resp: 40617
Ion Ratio Lower Upper
84 100
49 111.5 95.4 143.0
51 31.9 29.8 44.8
86 63.7 47.4 71.0



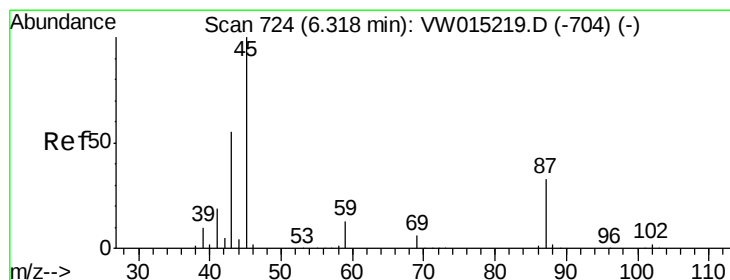
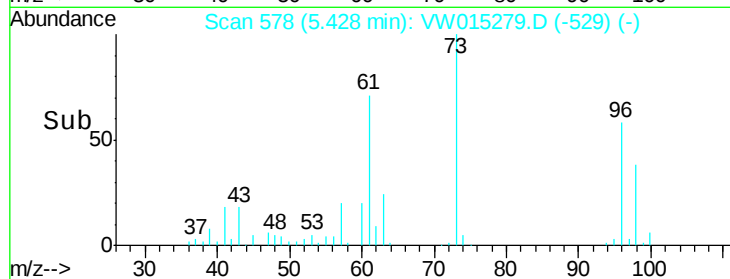
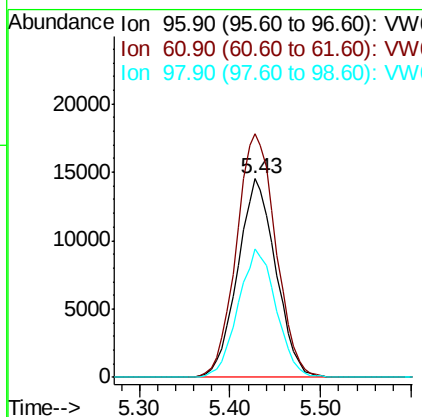
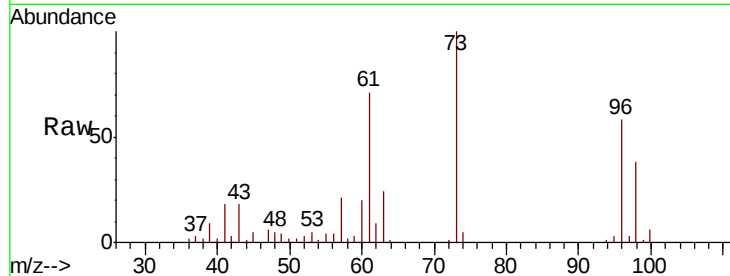


#21
 trans-1,2-Dichloroethene
 Concen: 20.931 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 96 Resp: 42331

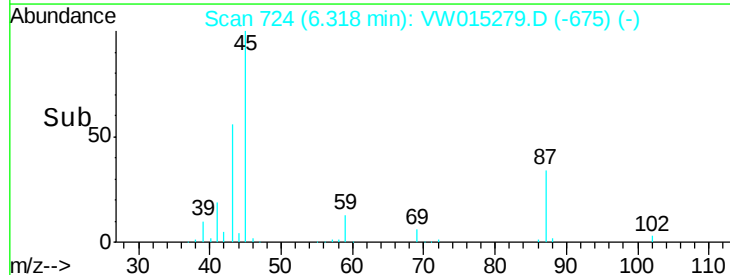
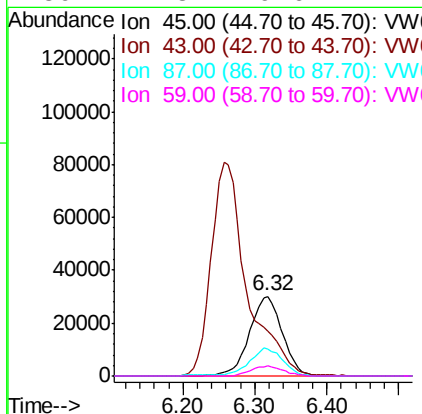
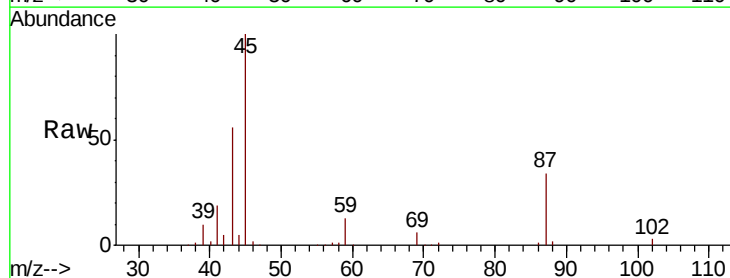
Ion	Ratio	Lower	Upper
96	100		
61	122.6	107.8	161.6
98	64.7	50.2	75.2

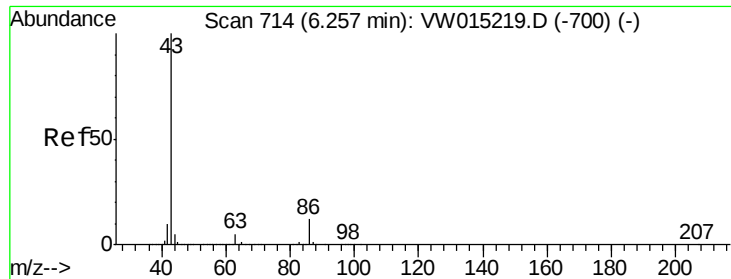


#22
 Diisopropyl ether
 Concen: 21.013 ug/l
 RT: 6.32 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion: 45 Resp: 95363

Ion	Ratio	Lower	Upper
45	100		
43	55.4	41.8	62.6
87	34.4	23.2	34.8
59	12.8	9.6	14.4





#23

Vinyl Acetate

Concen: 104.596 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

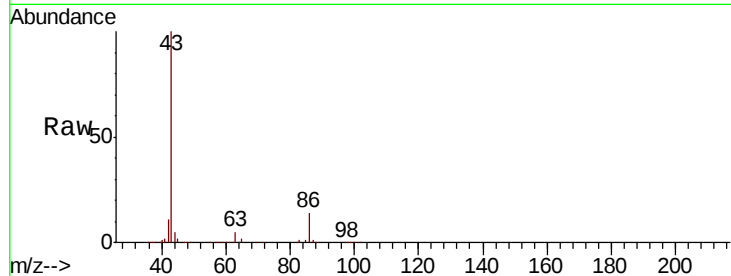
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 278561

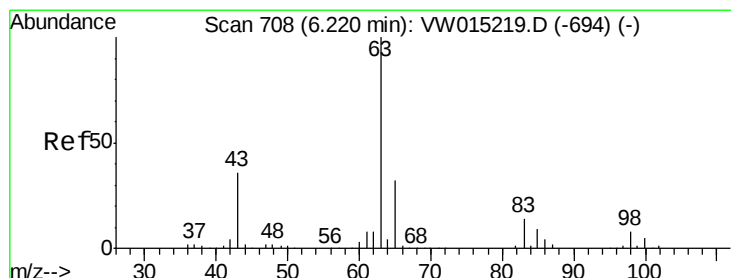
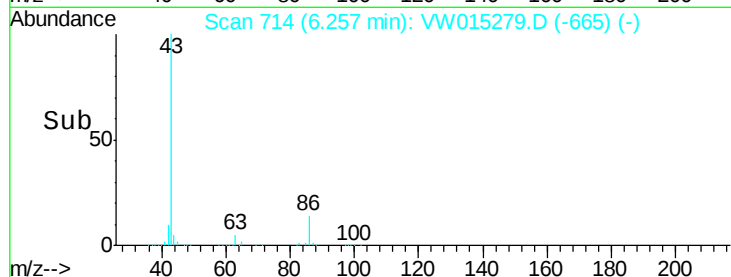
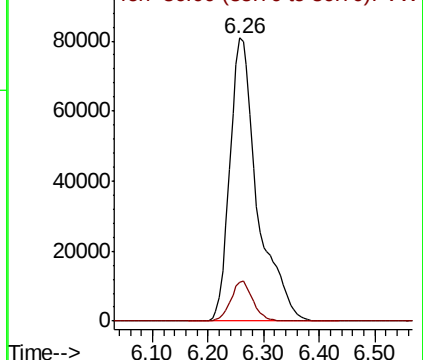
Ion Ratio Lower Upper

43 100

86 13.8 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.058 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

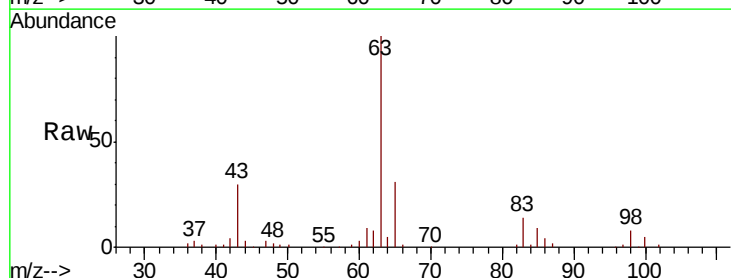
Tgt Ion: 63 Resp: 66235

Ion Ratio Lower Upper

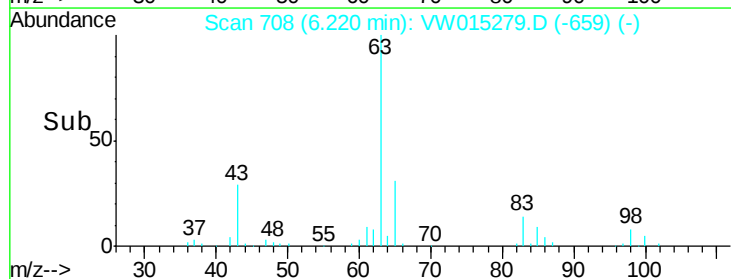
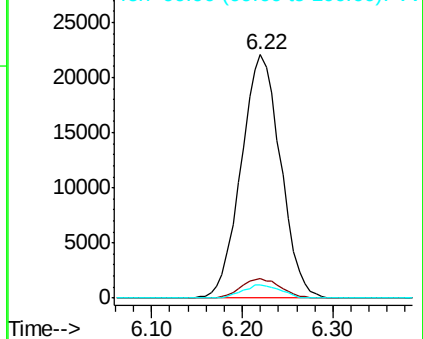
63 100

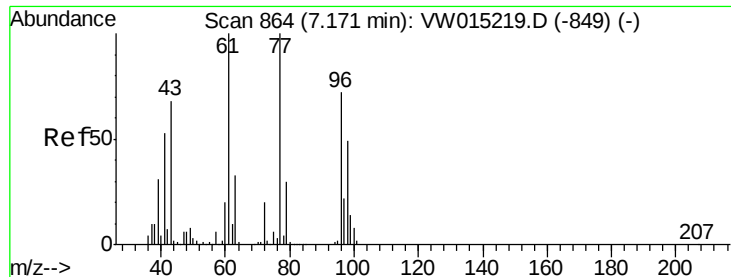
98 7.9 3.6 10.9

100 5.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW

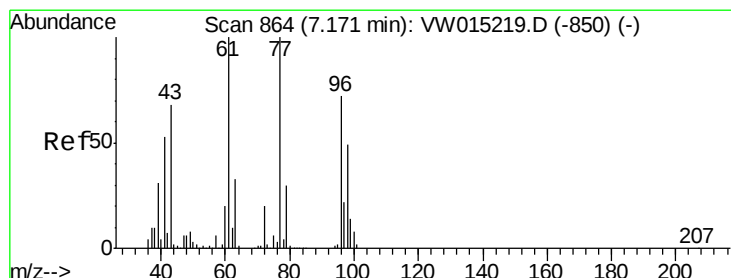
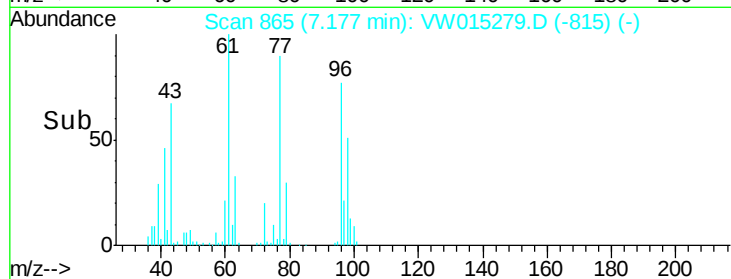
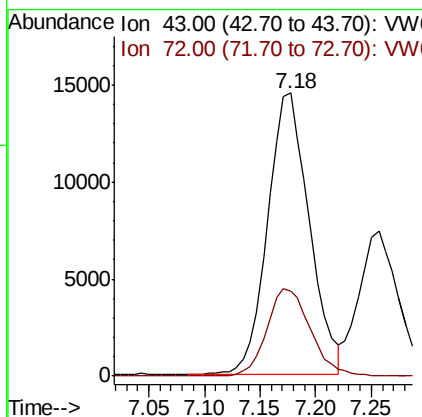
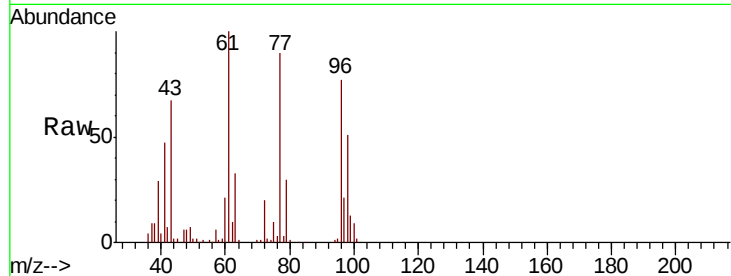




#25
2-Butanone
Concen: 95.113 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

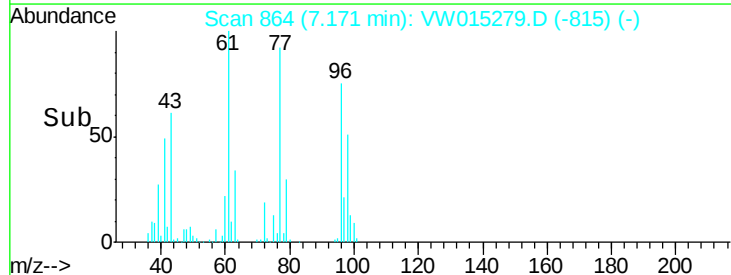
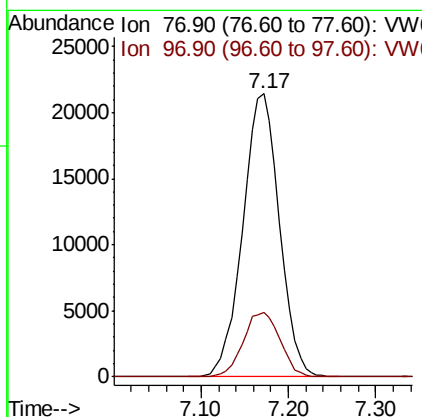
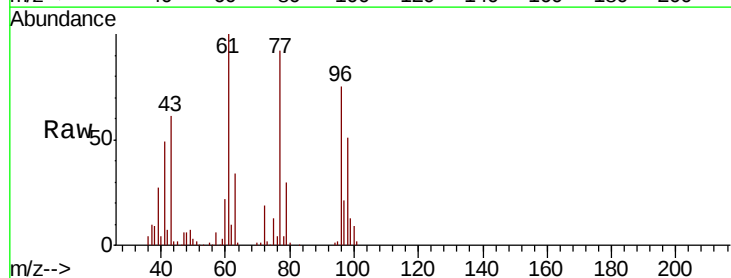
Instrument :
MSVOA_W
ClientSampled :

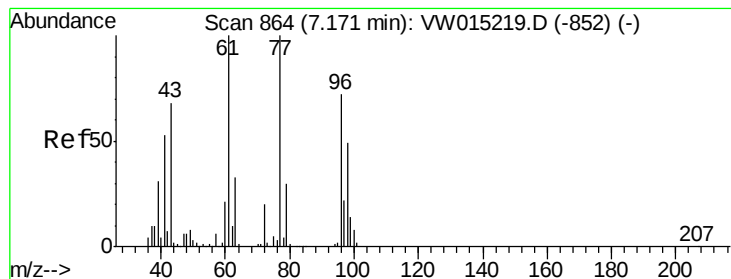
Tot Ion: 43 Resp: 37682
Ion Ratio Lower Upper
43 100
72 30.3 21.6 32.4



#26
2,2-Dichloropropane
Concen: 18.831 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 77 Resp: 62312
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5



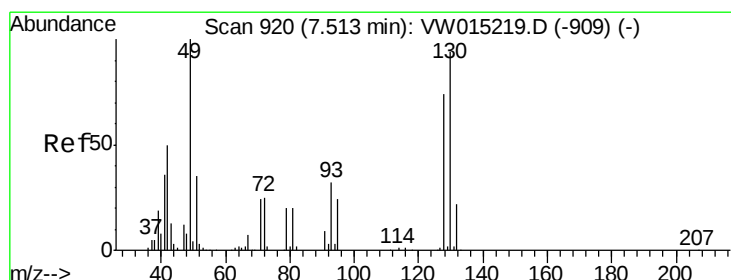
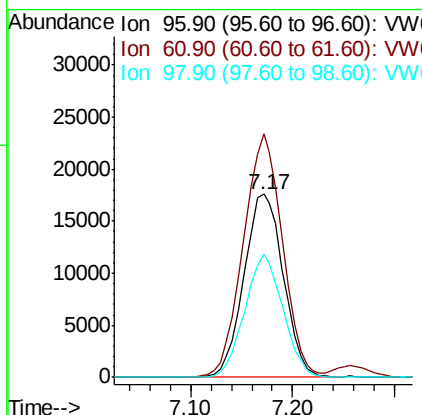
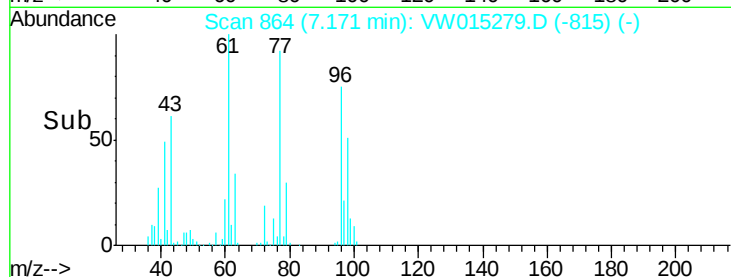
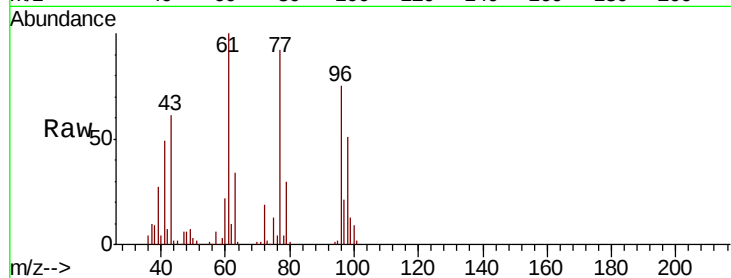


#27

cis-1,2-Dichloroethene
Concen: 21.573 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Instrument :
MSVOA_W
ClientSampleId :

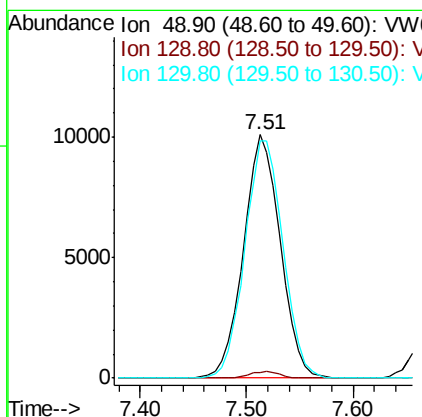
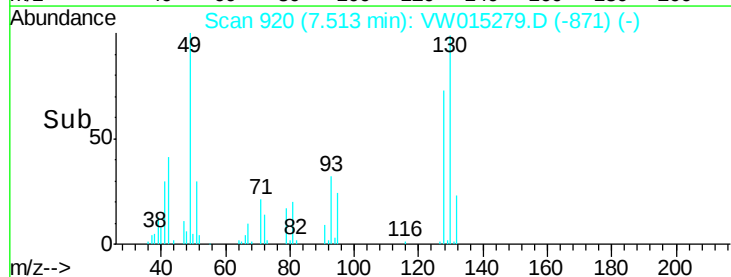
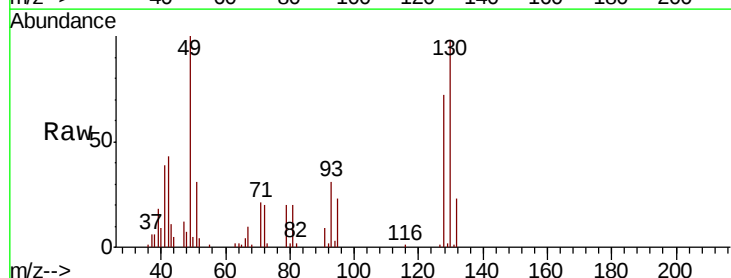
Tot Ion: 96 Resp: 47102
Ion Ratio Lower Upper
96 100
61 132.4 0.0 275.0
98 65.3 0.0 130.8

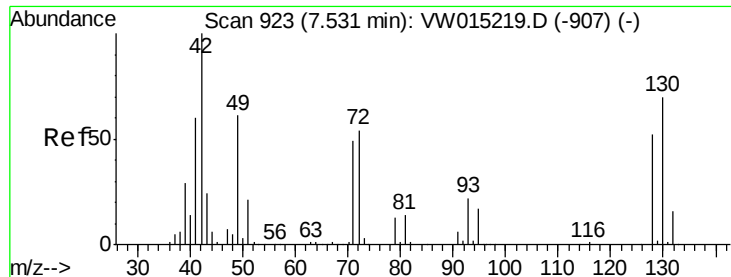


#28

Bromochloromethane
Concen: 21.448 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 49 Resp: 24527
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 101.1 60.9 91.3#





#29

Tetrahydrofuran

Concen: 100.613 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampled :

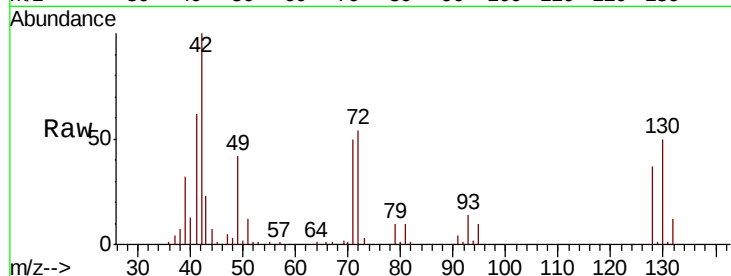
Tot Ion: 42 Resp: 24834

Ion Ratio Lower Upper

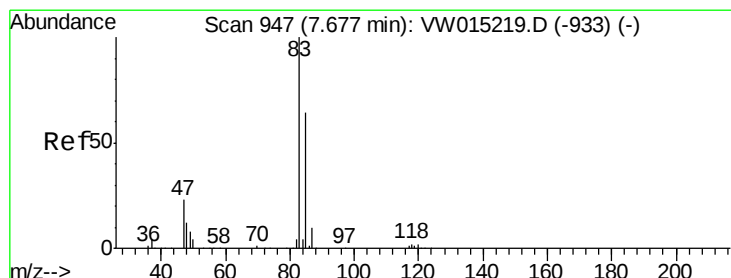
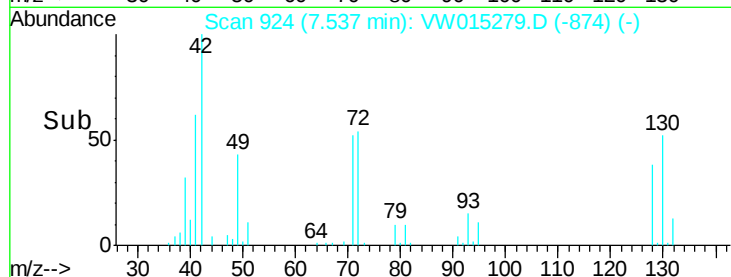
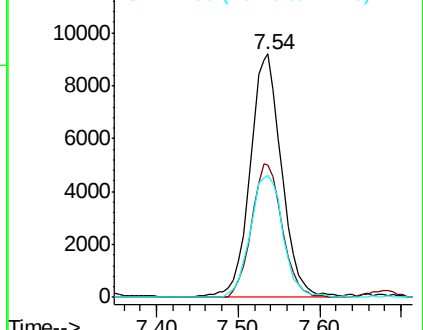
42 100

72 53.1 36.2 54.2

71 51.6 34.2 51.4#



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



#30

Chloroform

Concen: 21.481 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015279.D

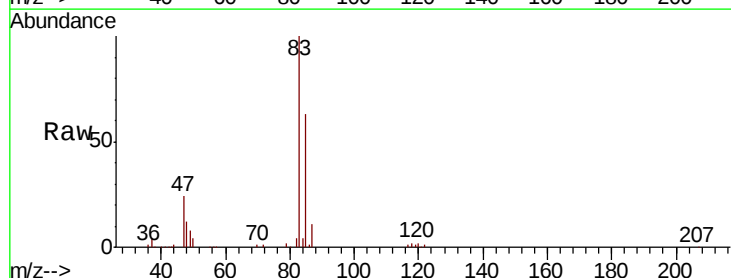
Acq: 21 Apr 2020 23:23

Tgt Ion: 83 Resp: 72921

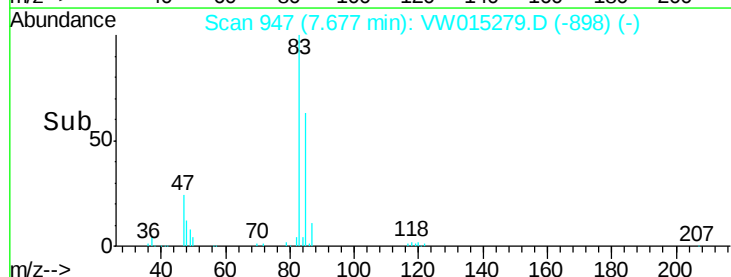
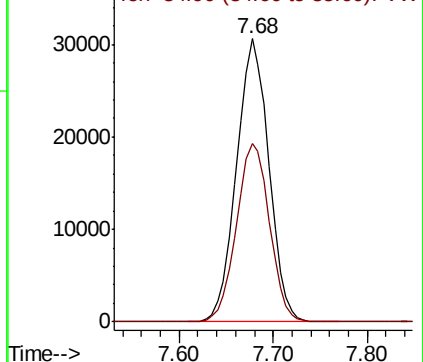
Ion Ratio Lower Upper

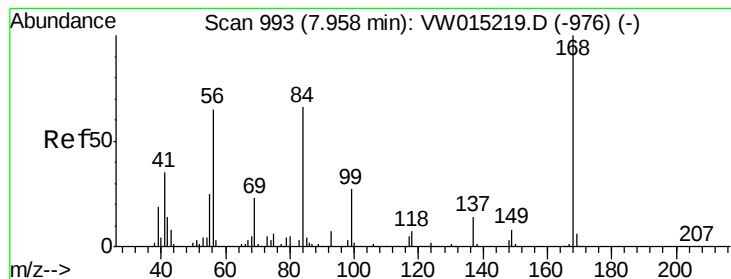
83 100

85 63.2 50.9 76.3



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





#31

Cyclohexane

Concen: 19.092 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampled :

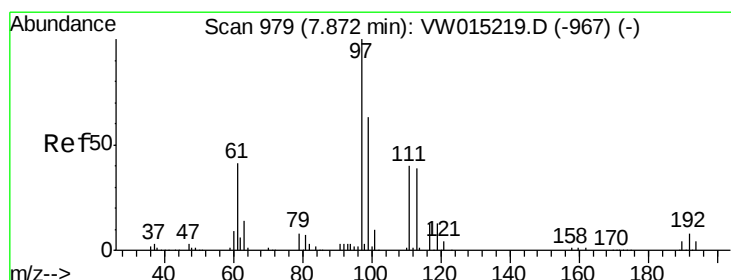
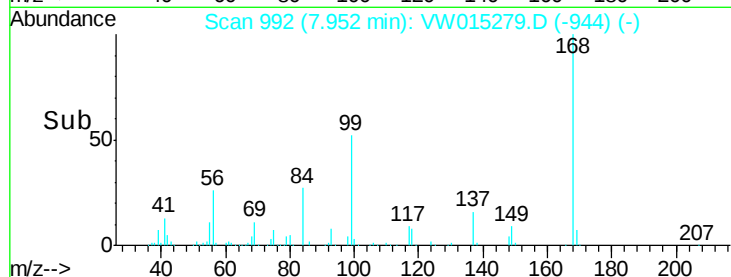
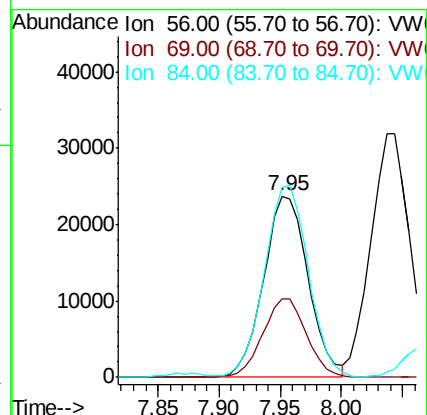
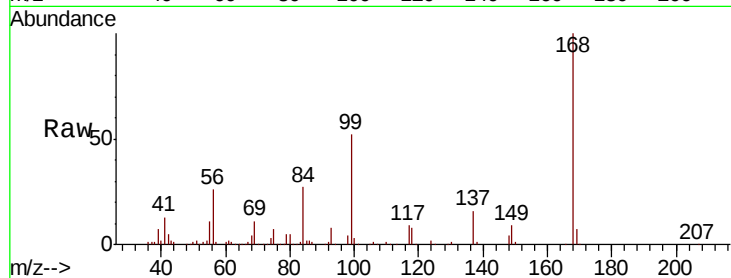
Tot Ion: 56 Resp: 60363

Ion Ratio Lower Upper

56 100

69 43.3 27.1 40.7#

84 102.5 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 20.917 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

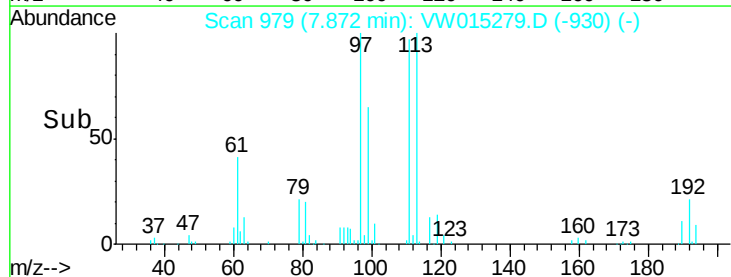
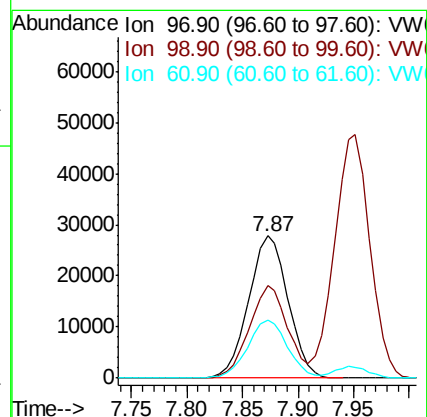
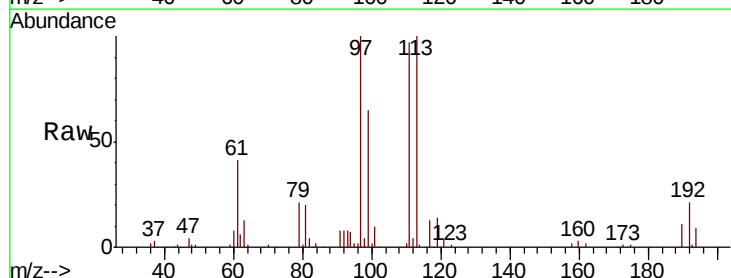
Tgt Ion: 97 Resp: 68530

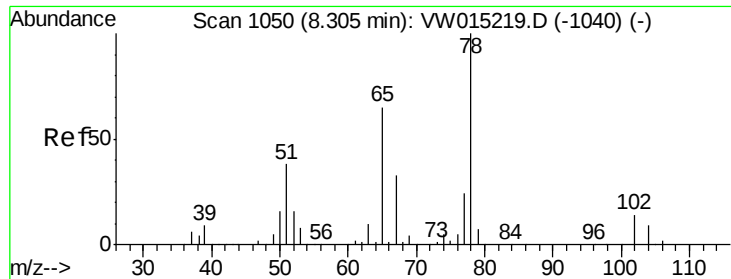
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 41.6 34.2 51.2

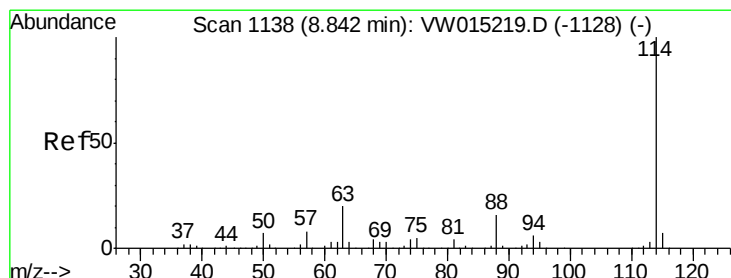
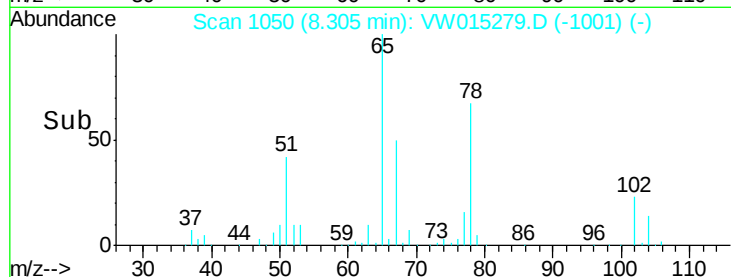
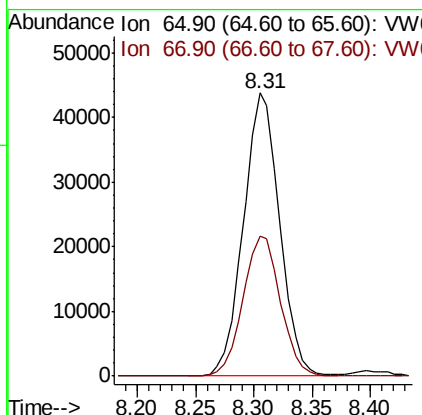
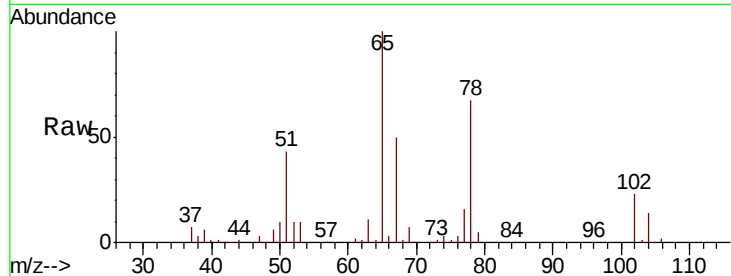




#33
 1,2-Dichloroethane-d4
 Concen: 55.302 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

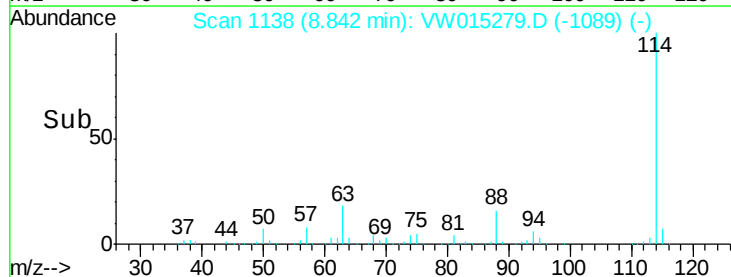
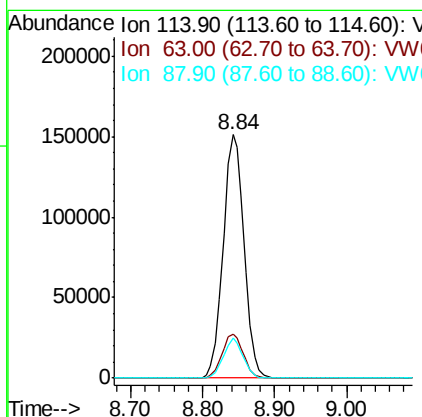
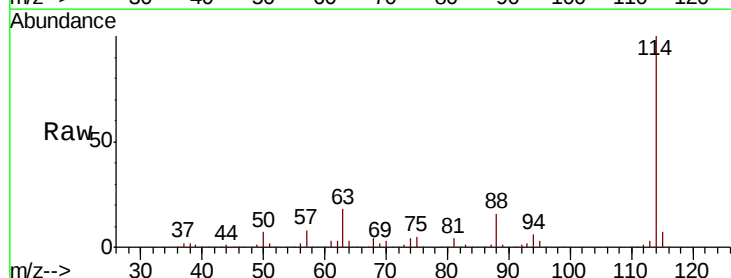
Instrument :
 MSVOA_W
 ClientSampled :

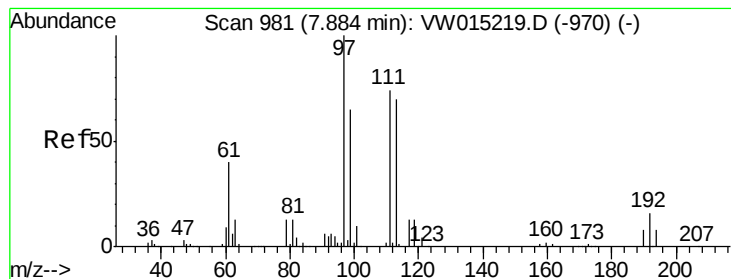
Tot Ion: 65 Resp: 94548
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion: 114 Resp: 304690
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.8
 88 16.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 56.428 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampled :

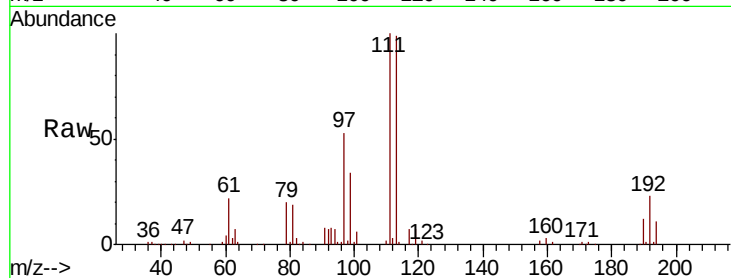
Tot Ion:113 Resp: 95236

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

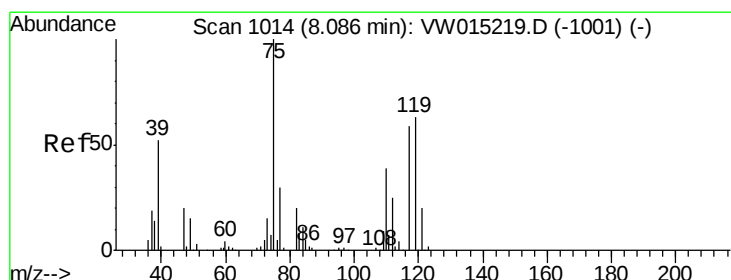
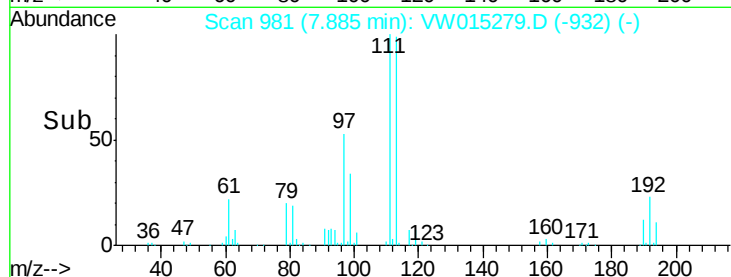
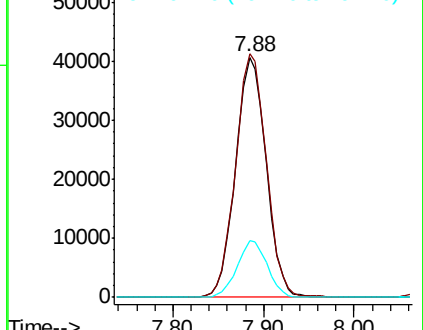
192 23.2 15.1 22.7#



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: 20.500 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

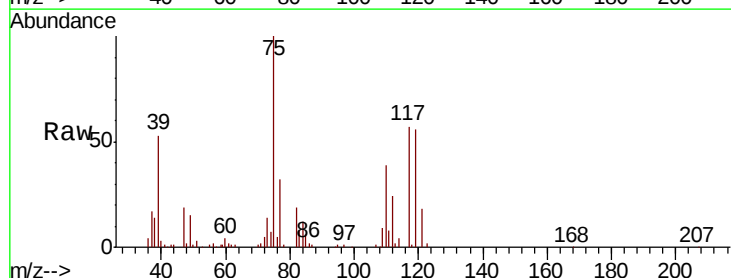
Tgt Ion: 75 Resp: 56376

Ion Ratio Lower Upper

75 100

110 37.2 18.2 54.6

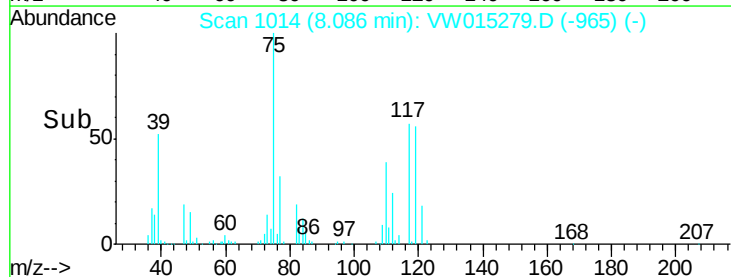
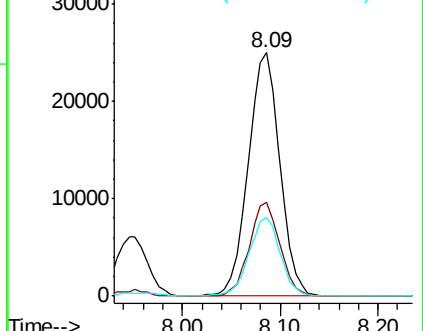
77 32.0 24.5 36.7

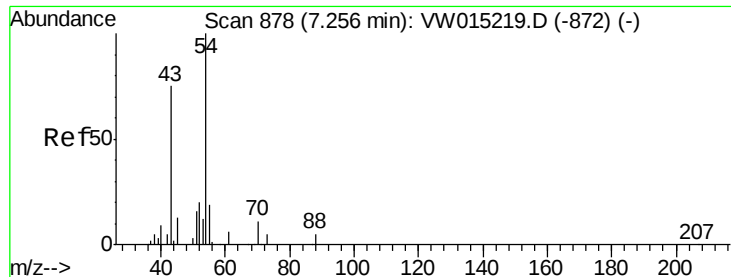


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

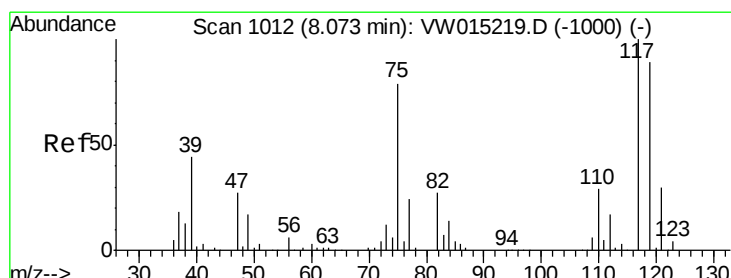
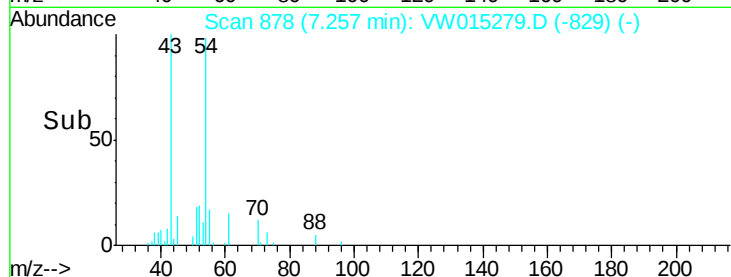
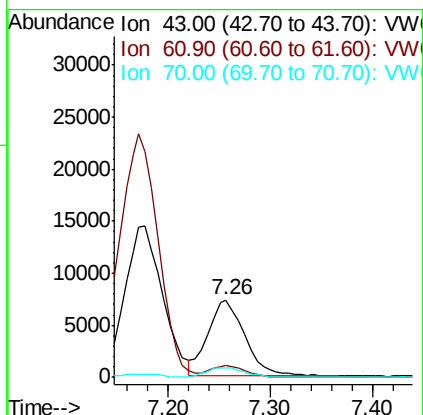
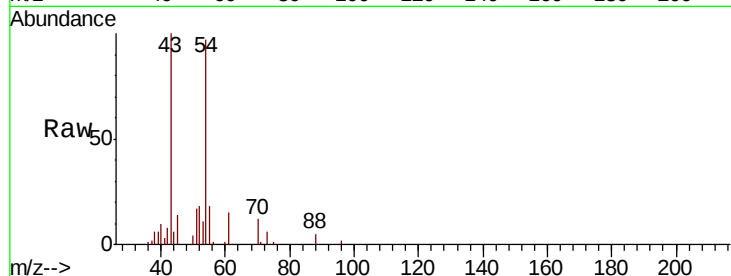




#37
Ethyl Acetate
Concen: 20.805 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

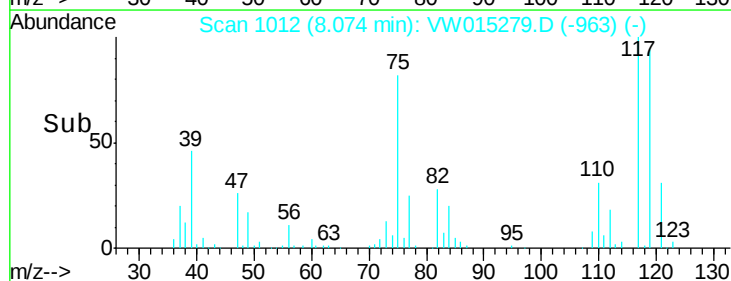
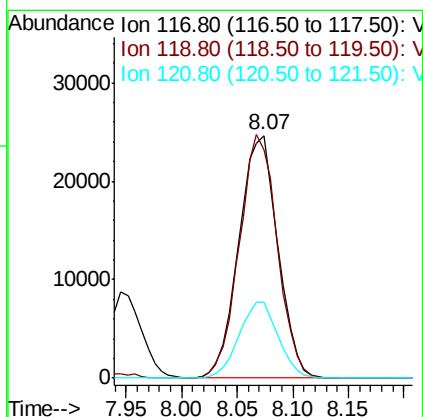
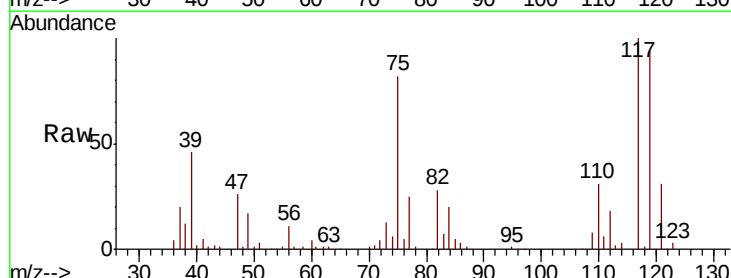
Instrument :
MSVOA_W
ClientSampled :

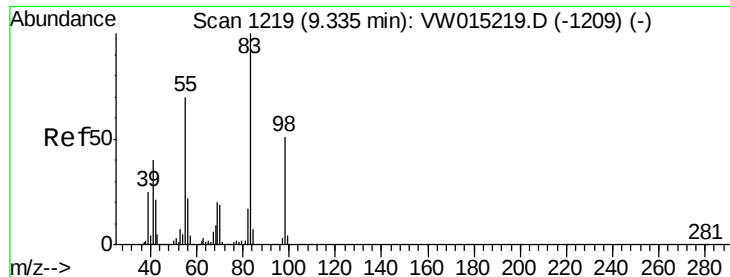
Tot Ion: 43 Resp: 18568
Ion Ratio Lower Upper
43 100
61 15.5 11.9 17.9
70 13.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.962 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 117 Resp: 59991
Ion Ratio Lower Upper
117 100
119 94.2 72.3 108.5
121 31.5 23.7 35.5

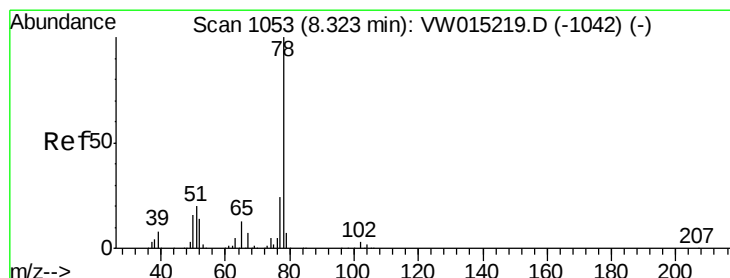
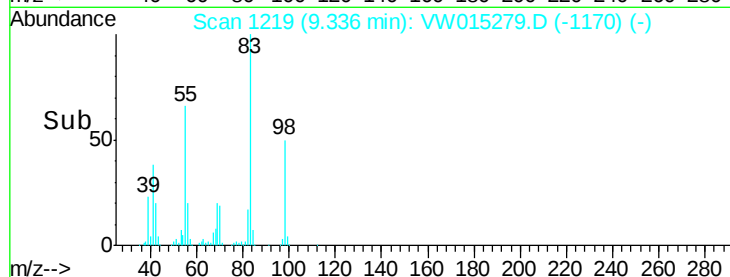
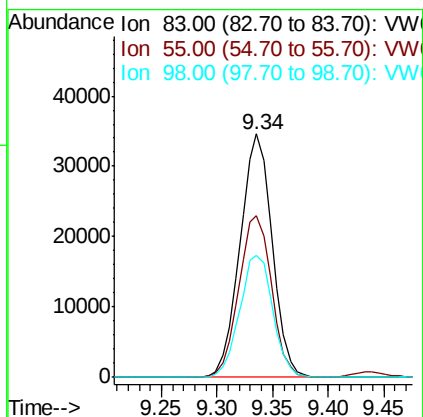
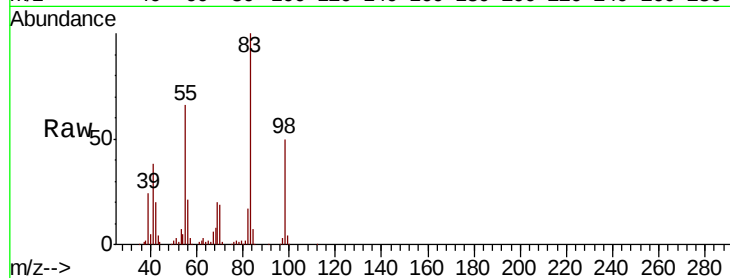




#39
Methvlcvclohexane
Concen: 18.950 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

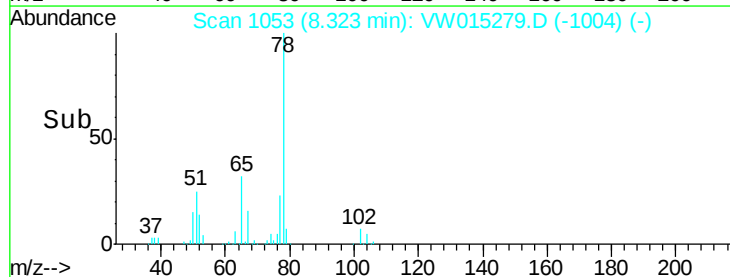
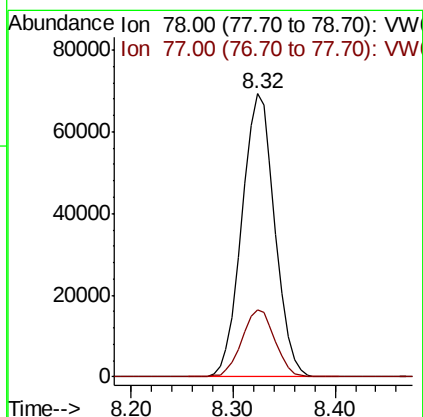
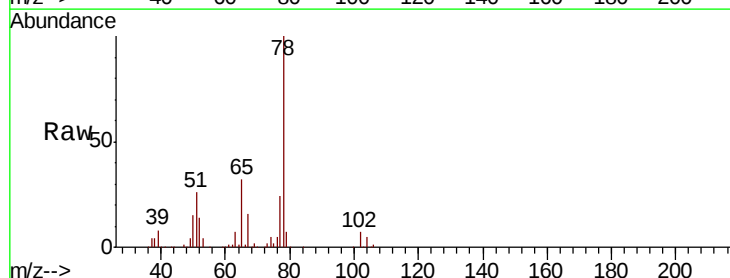
Instrument :
MSVOA_W
ClientSampled :

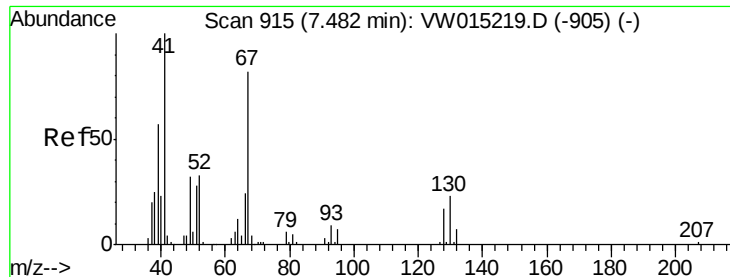
Tot Ion: 83 Resp: 69360
Ion Ratio Lower Upper
83 100
55 66.1 58.1 87.1
98 50.2 40.2 60.4



#40
Benzene
Concen: 21.127 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 78 Resp: 155198
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.2

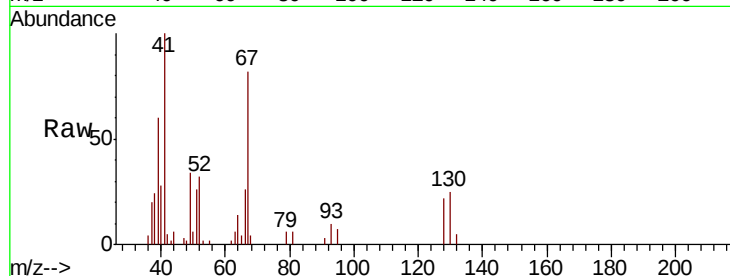




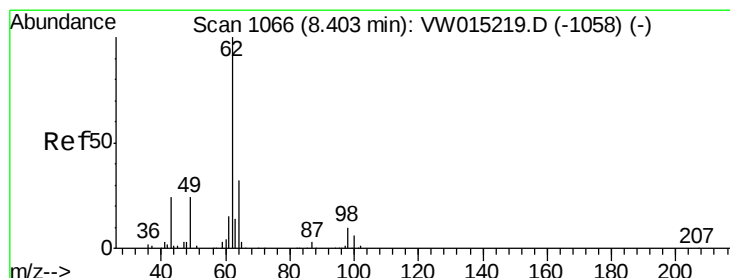
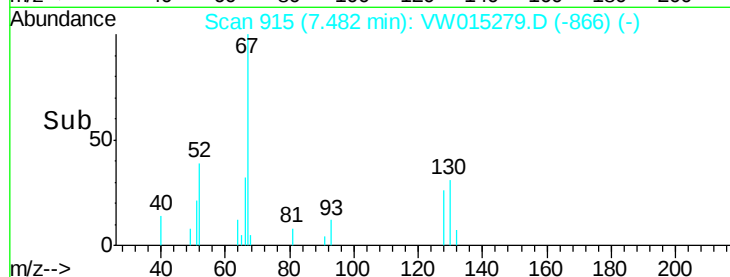
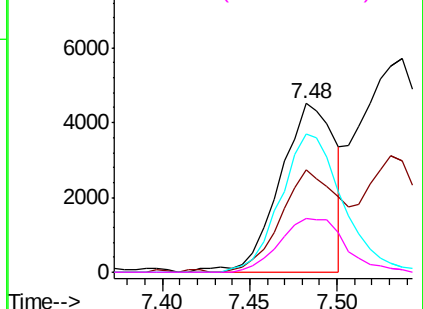
#41
Methacrylonitrile
Concen: 18.394 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 9850
Ion Ratio Lower Upper
41 100
39 64.8 41.9 62.9#
67 92.7 60.6 91.0#
52 38.1 23.8 35.8#

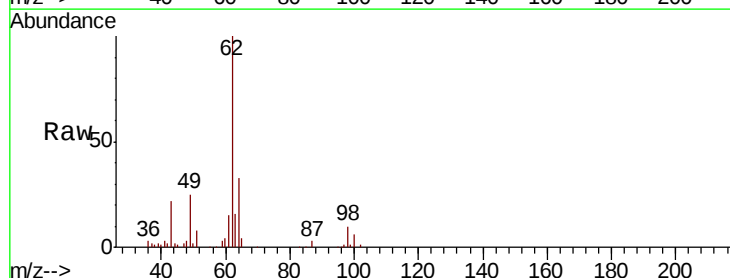


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

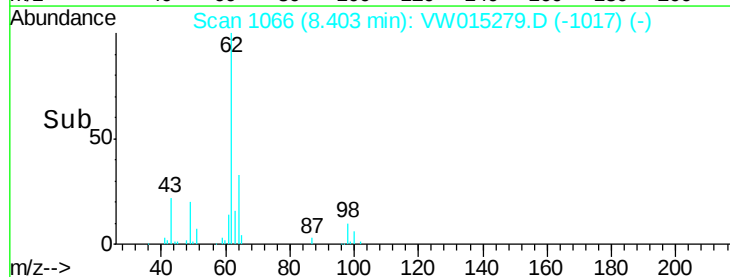
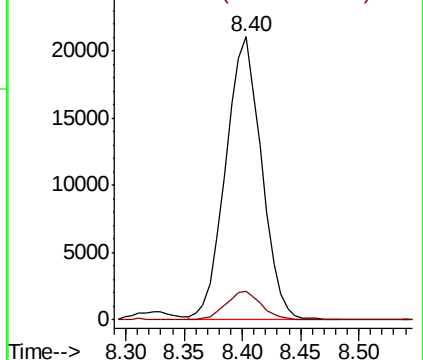


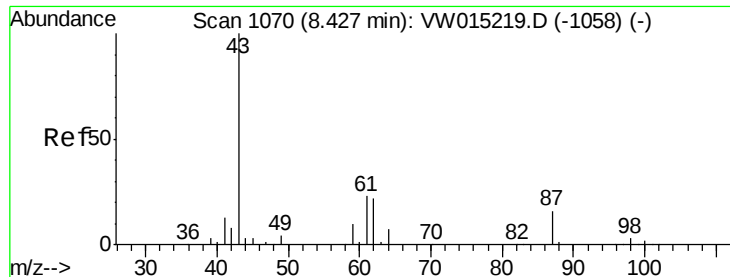
#42
1,2-Dichloroethane
Concen: 20.893 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 62 Resp: 45183
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 20.194 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampleId :

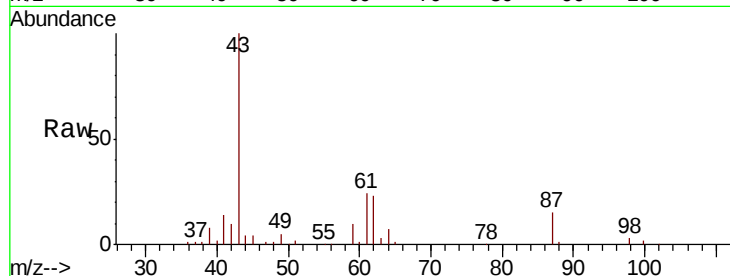
Tot Ion: 43 Resp: 37800

Ion Ratio Lower Upper

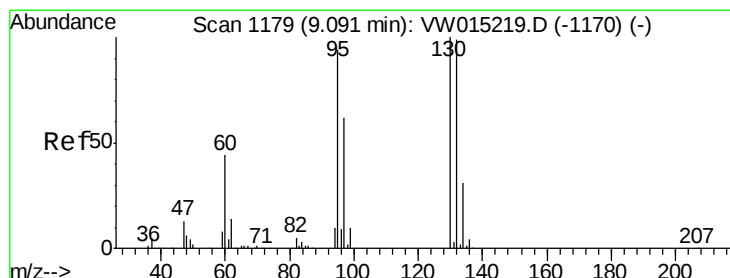
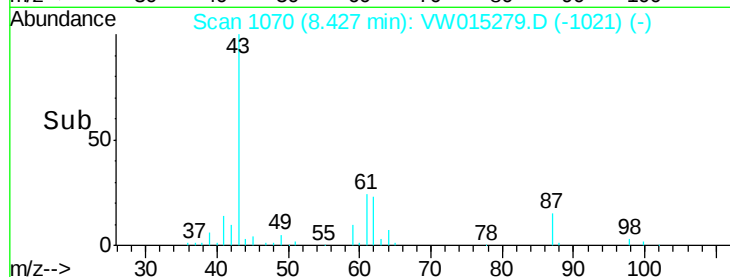
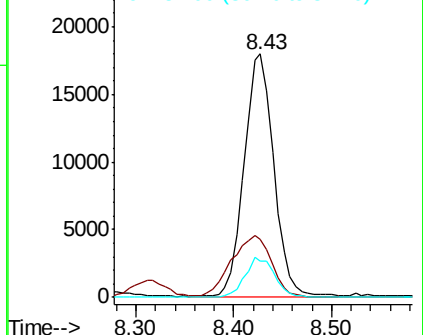
43 100

61 34.6 24.8 37.2

87 16.3 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: 22.144 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015279.D

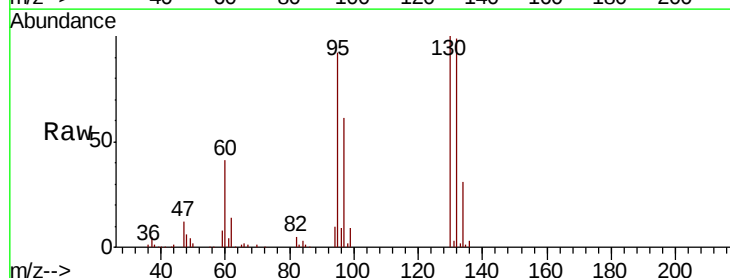
Acq: 21 Apr 2020 23:23

Tgt Ion: 130 Resp: 49757

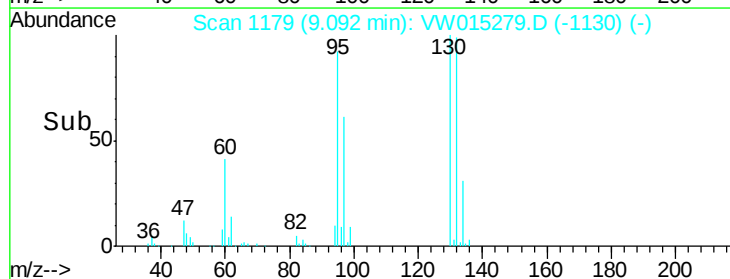
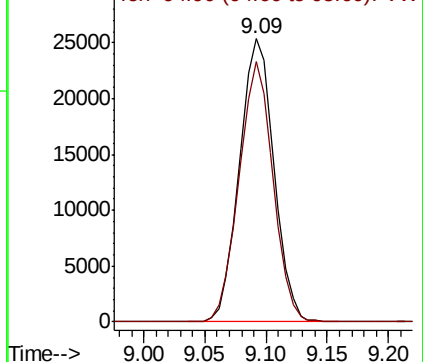
Ion Ratio Lower Upper

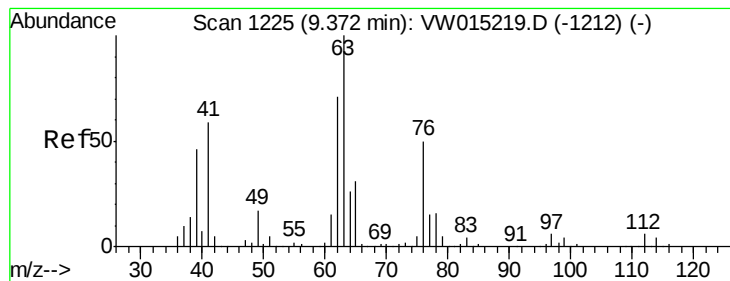
130 100

95 92.1 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: 21.460 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

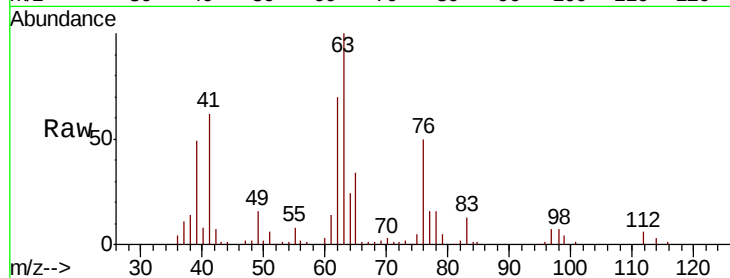
ClientSampled :

Tot Ion: 63 Resp: 36661

Ion Ratio Lower Upper

63 100

65 33.7 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

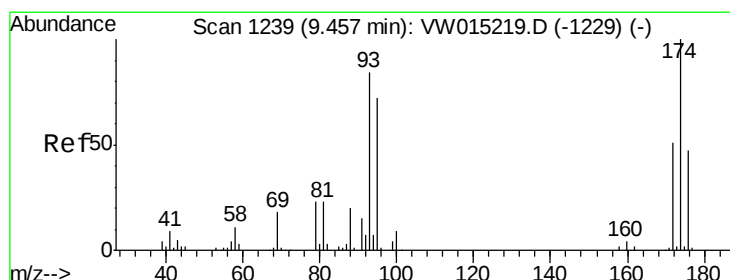
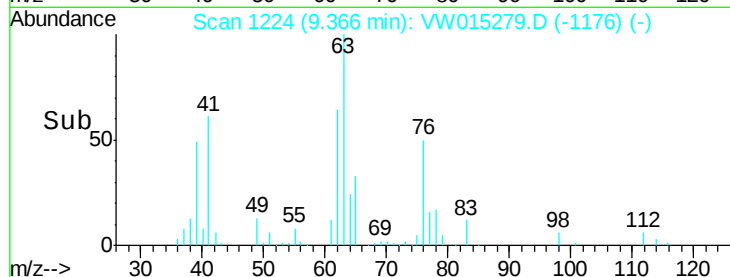
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 21.614 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

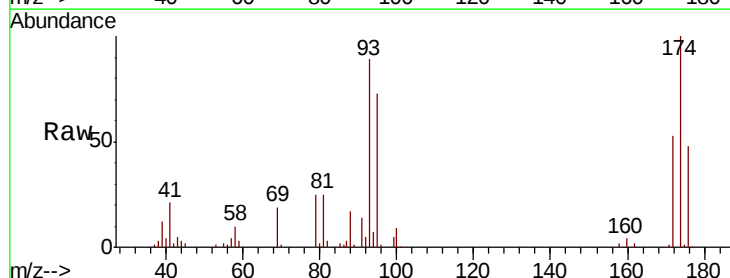
Tgt Ion: 93 Resp: 21359

Ion Ratio Lower Upper

93 100

95 82.3 67.5 101.3

174 114.6 74.1 111.1#



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

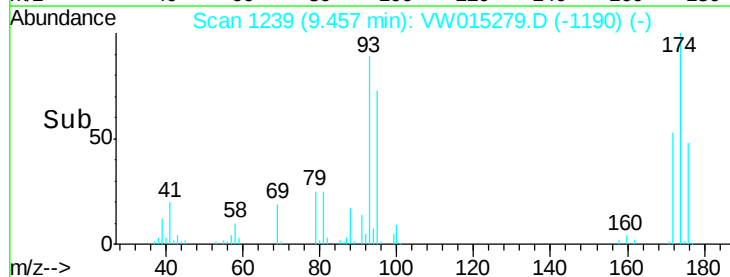
15000

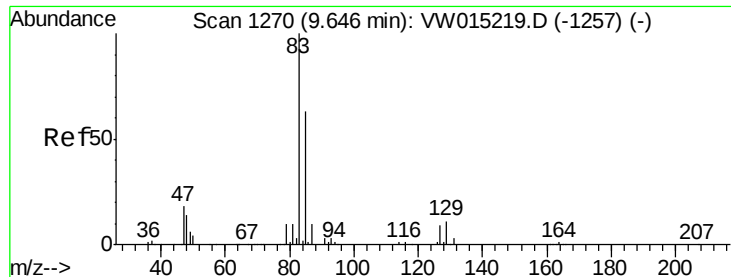
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 21.403 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :
MSVOA_W
ClientSampleId :

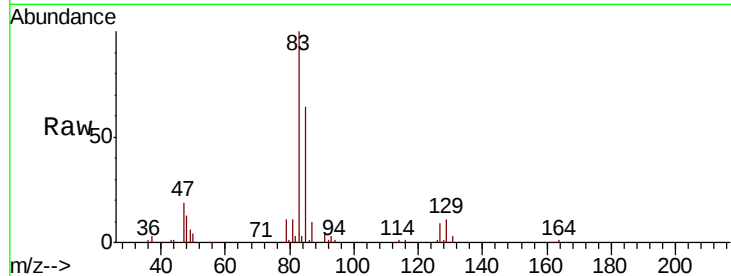
Tot Ion: 83 Resp: 56540

Ion Ratio Lower Upper

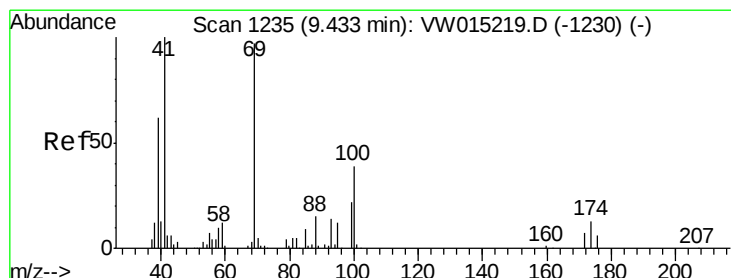
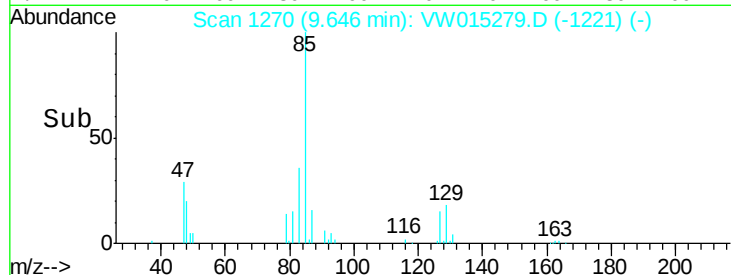
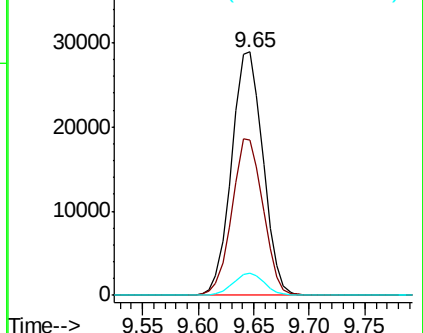
83 100

85 64.0 50.6 76.0

127 9.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 18.423 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

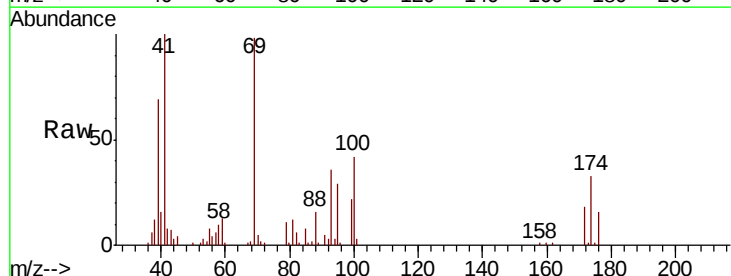
Tgt Ion: 41 Resp: 16302

Ion Ratio Lower Upper

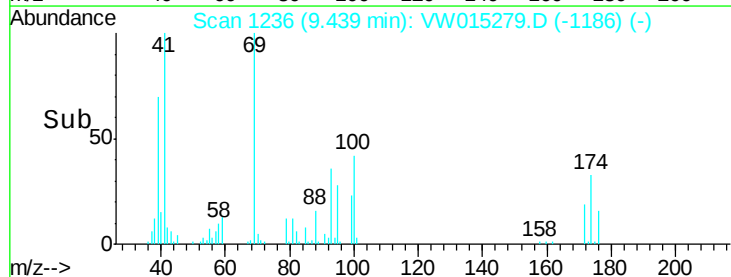
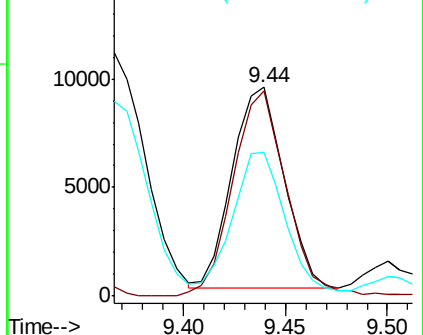
41 100

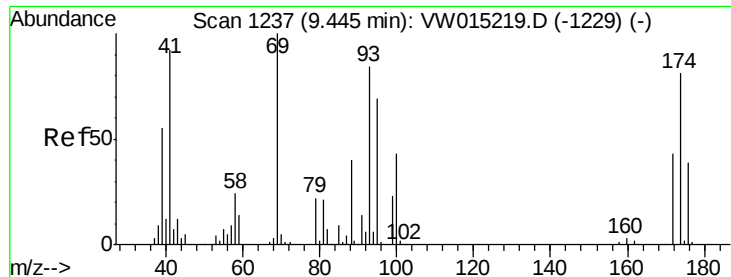
69 106.3 70.6 105.8#

39 68.3 42.6 64.0#



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





#49

1,4-Dioxane

Concen: 364.512 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :
MSVOA_W
ClientSampled :

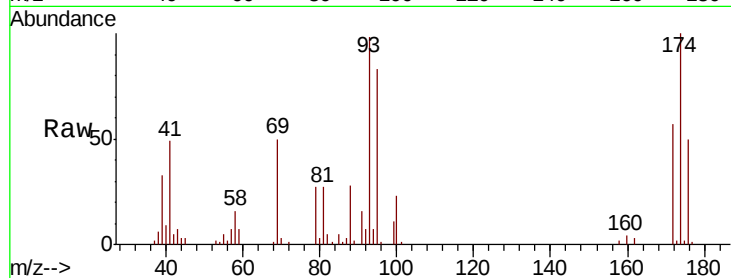
Tot Ion: 88 Resp: 4802

Ion Ratio Lower Upper

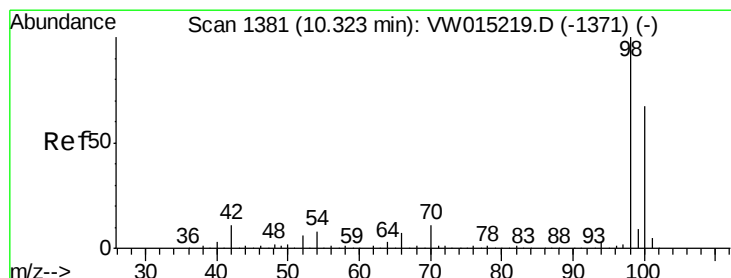
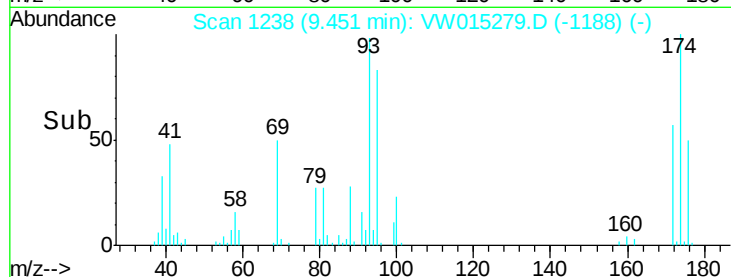
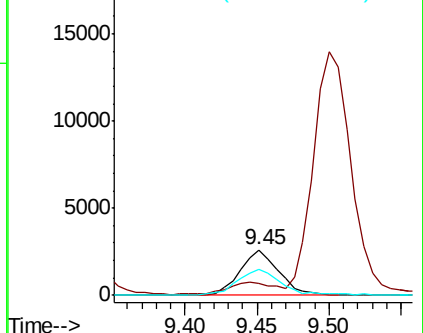
88 100

43 32.5 23.5 35.3

58 66.1 55.4 83.2



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



#50

Toluene-d8

Concen: 52.558 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015279.D

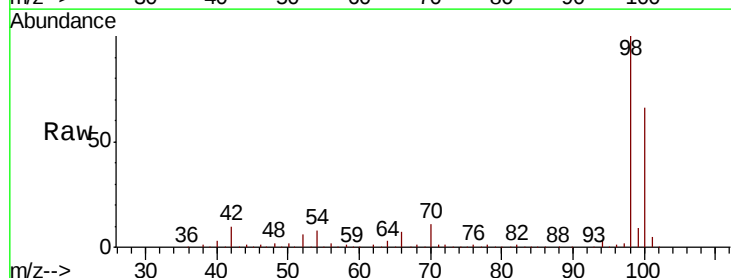
Acq: 21 Apr 2020 23:23

Tgt Ion: 98 Resp: 373148

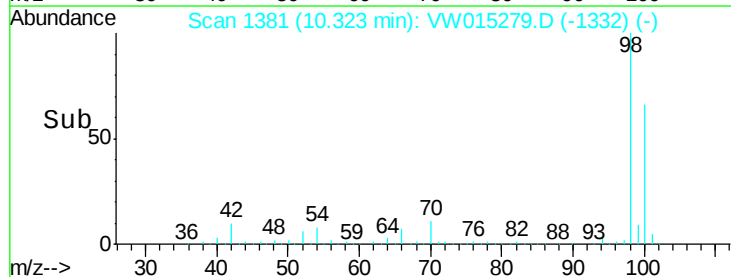
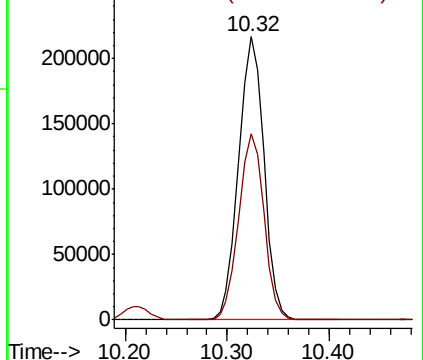
Ion Ratio Lower Upper

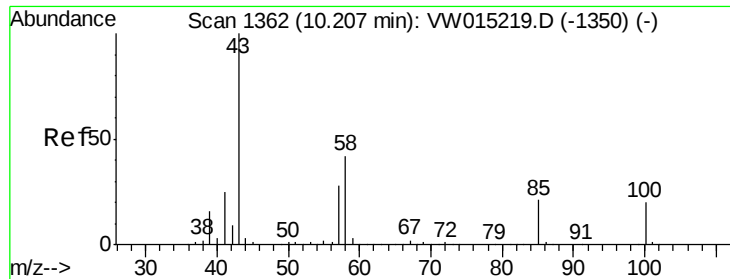
98 100

100 65.5 52.9 79.3



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

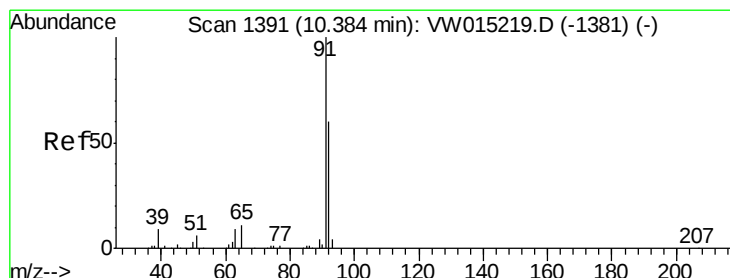
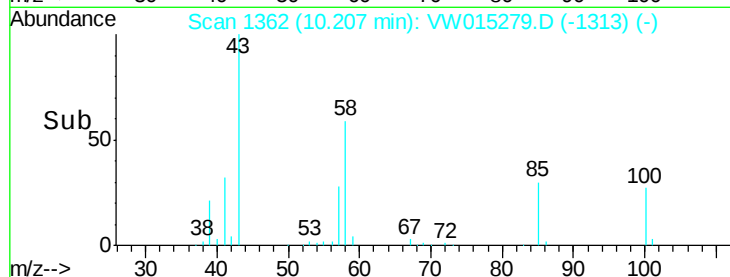
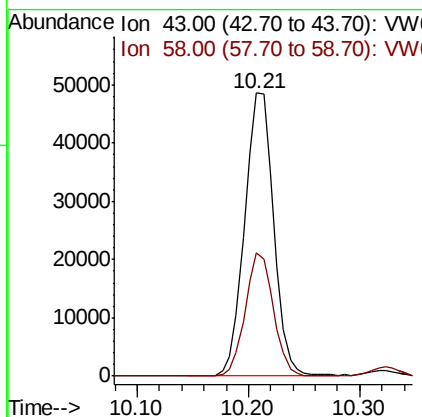
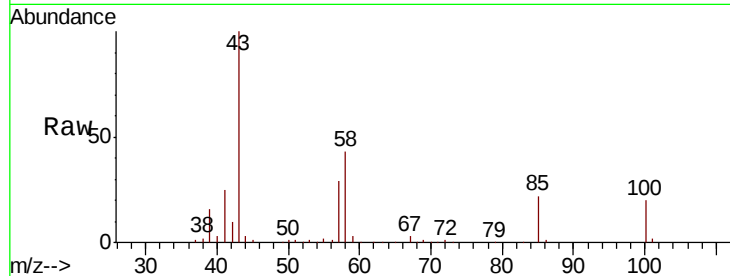




#51
4-Methyl-2-Pentanone
Concen: 100.570 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

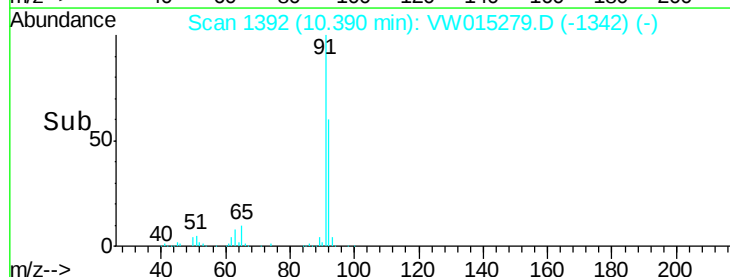
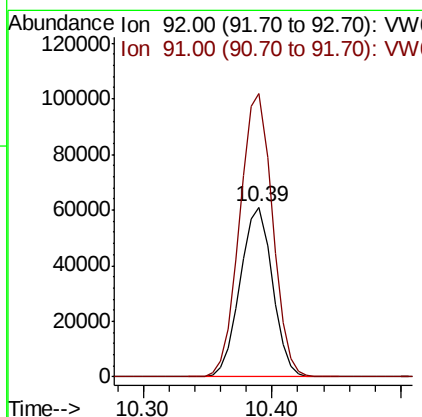
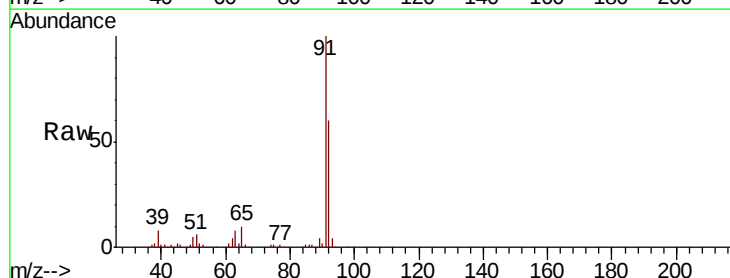
Instrument :
MSVOA_W
ClientSampled :

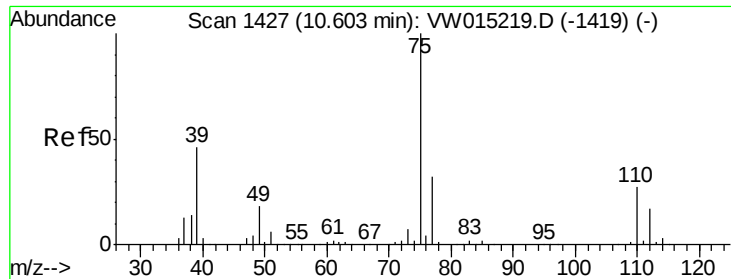
Tot Ion: 43 Resp: 88371
Ion Ratio Lower Upper
43 100
58 42.0 32.3 48.5



#52
Toluene
Concen: 20.611 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 92 Resp: 105964
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7

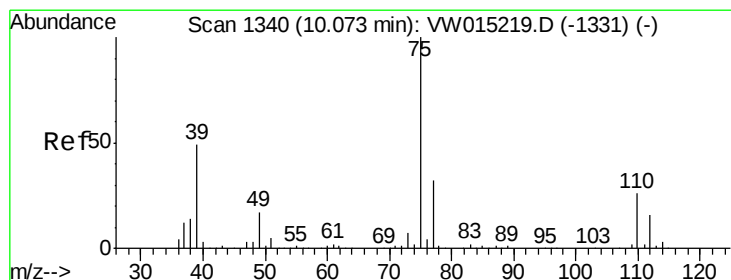
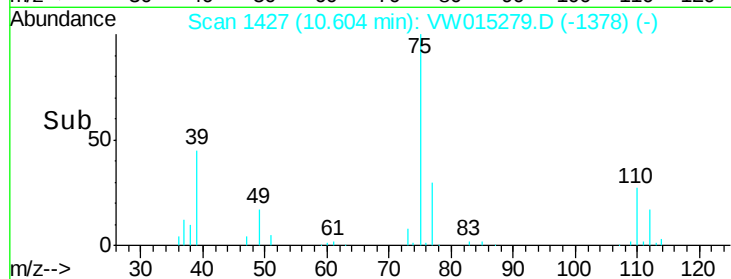
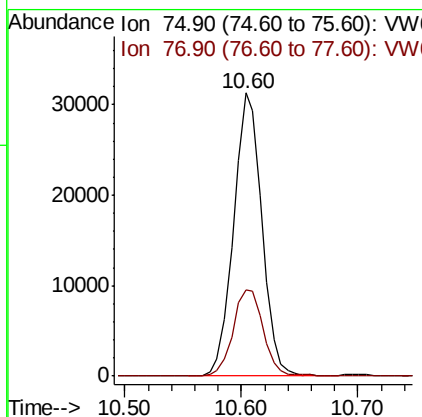
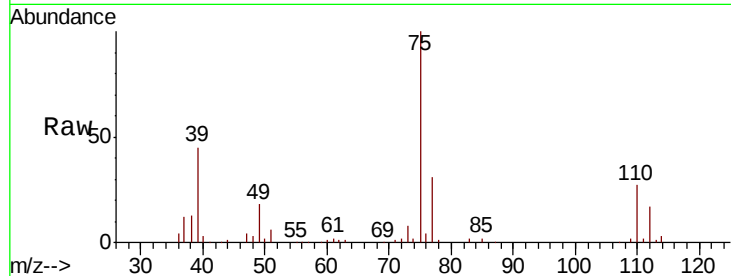




#53
 t-1,3-Dichloropropene
 Concen: 20.311 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

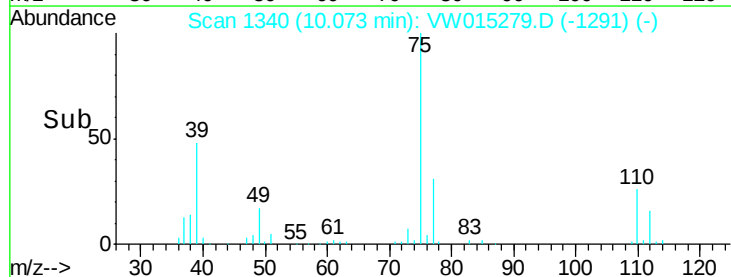
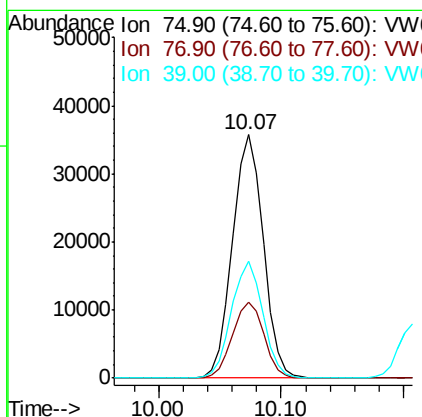
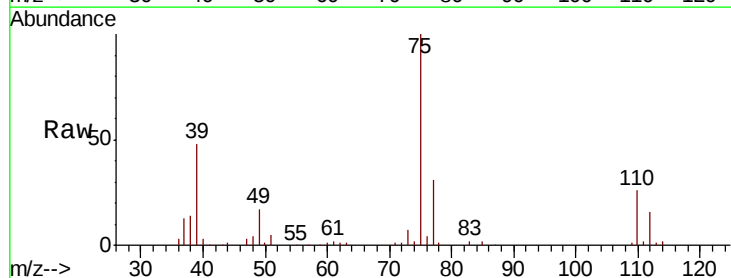
Instrument :
 MSVOA_W
 ClientSampleId :

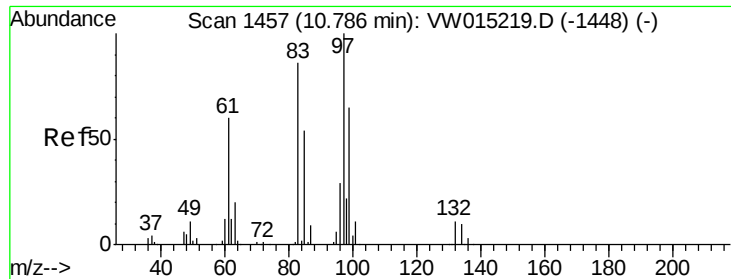
Tot Ion: 75 Resp: 52905
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.602 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion: 75 Resp: 62375
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.6 39.8
 39 47.9 37.8 56.6

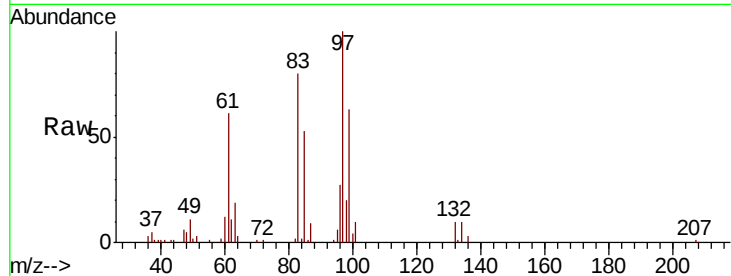




#55
 1,1,2-Trichloroethane
 Concen: 21.377 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	29580
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.3	100.9
85	53.1	43.8	65.8
99	63.4	51.4	77.0



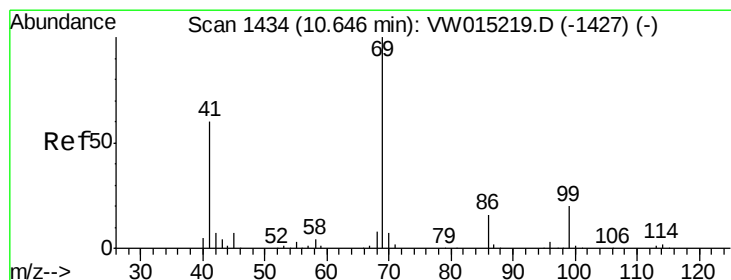
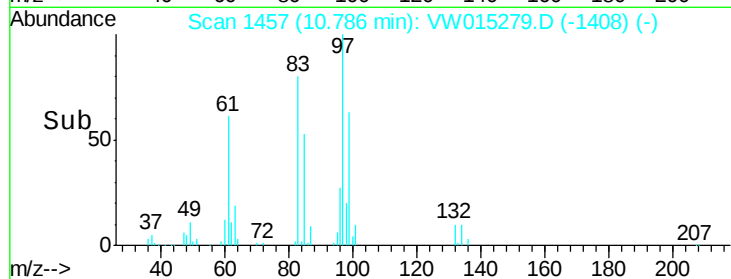
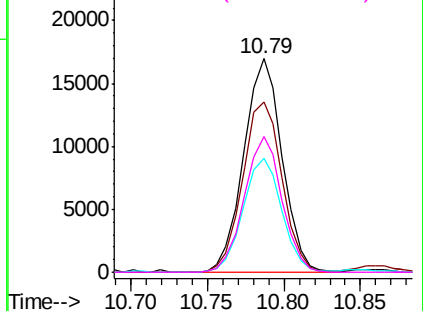
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

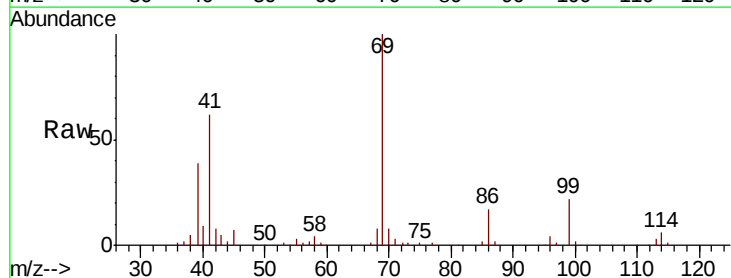
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 19.925 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion:	69	Resp:	35519
Ion	Ratio	Lower	Upper
69	100		
41	58.5	51.3	76.9
39	36.0	24.6	37.0

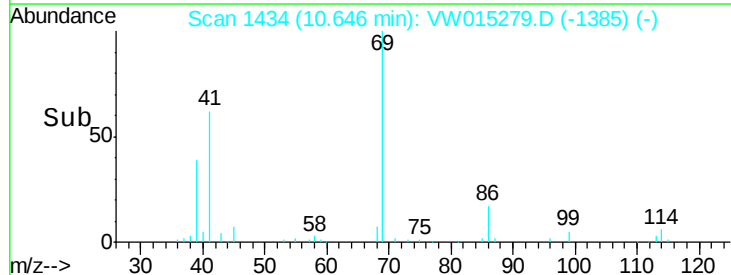
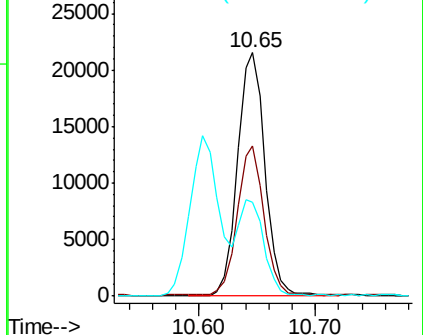


Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

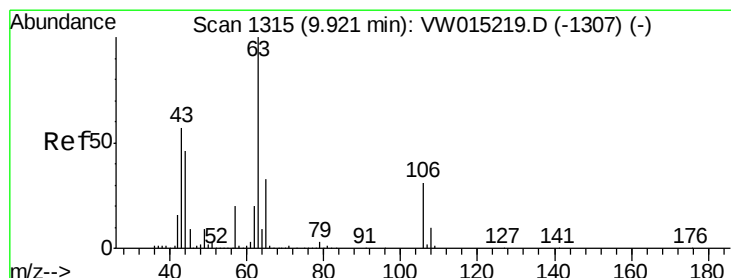
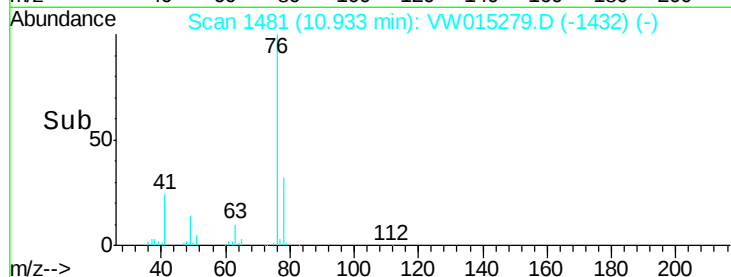
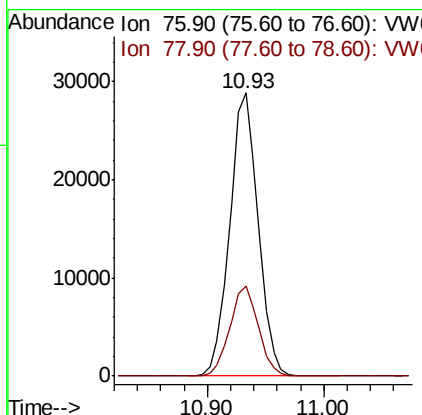
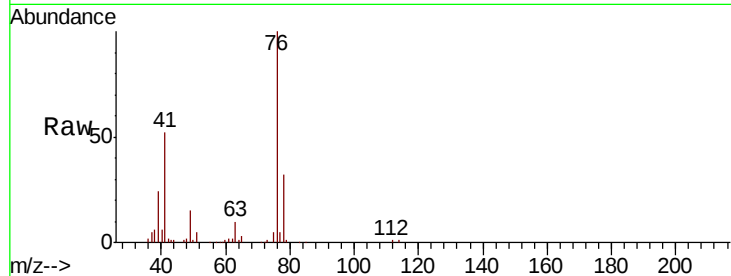




#57
 1,3-Dichloropropane
 Concen: 21.312 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

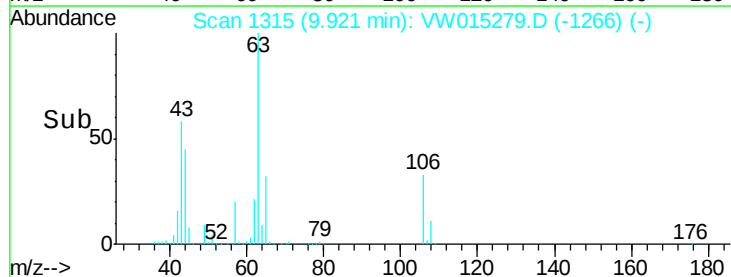
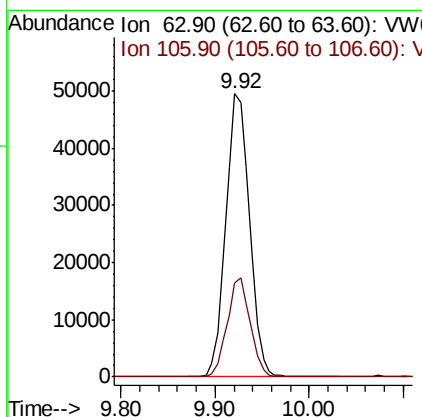
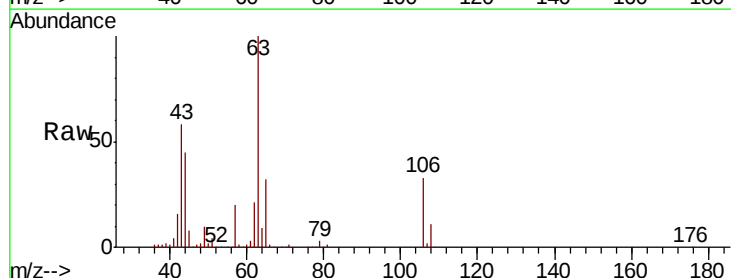
Instrument :
 MSVOA_W
 ClientSampleId :

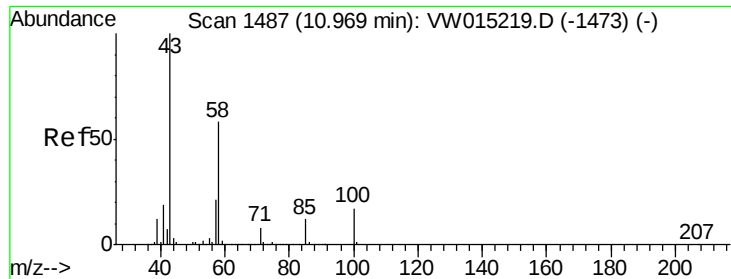
Tot Ion: 76 Resp: 48851
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.898 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion: 63 Resp: 86692
 Ion Ratio Lower Upper
 63 100
 106 33.8 22.6 33.8





#59

2-Hexanone

Concen: 92.948 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

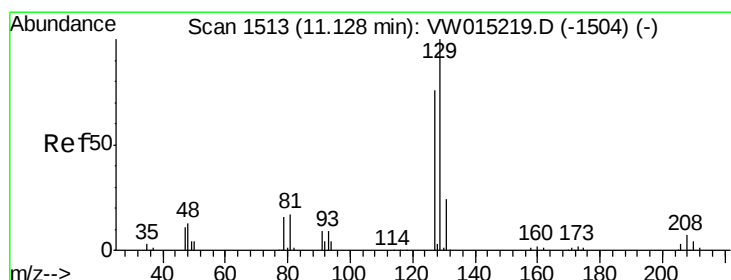
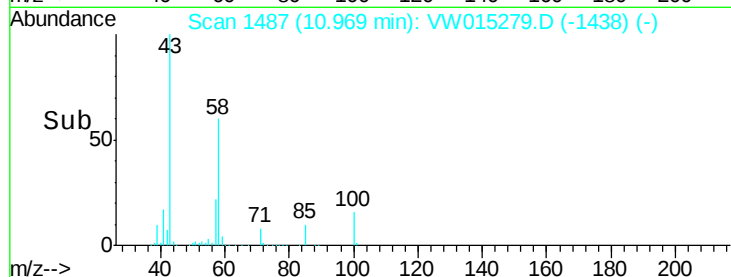
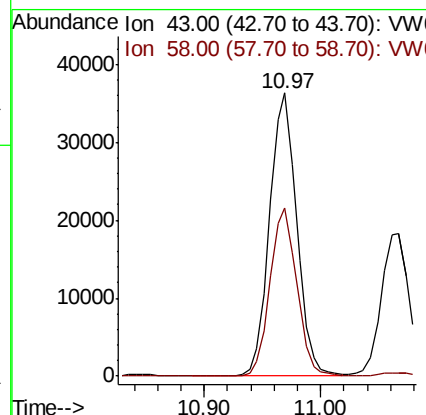
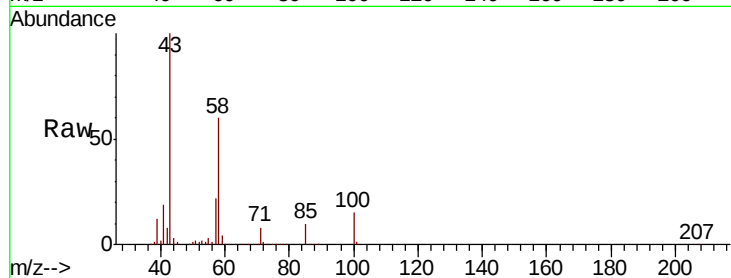
ClientSampleId :

Tot Ion: 43 Resp: 58302

Ion Ratio Lower Upper

43 100

58 58.8 28.1 84.3



#60

Dibromochloromethane

Concen: 21.658 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW015279.D

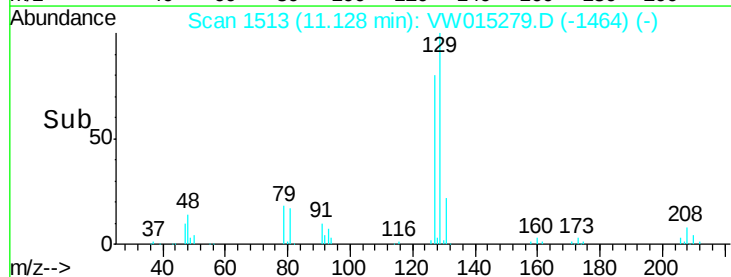
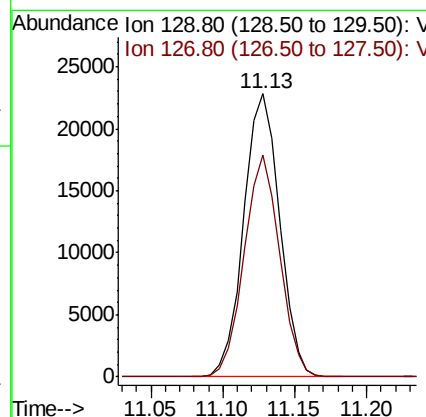
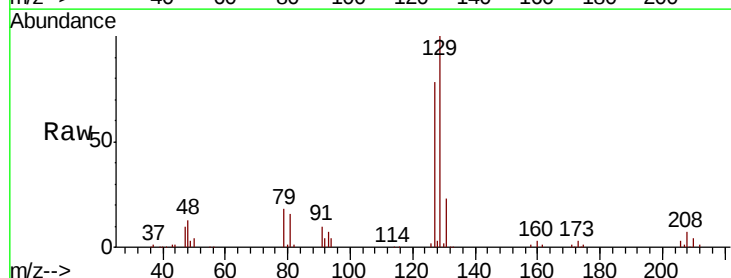
Acq: 21 Apr 2020 23:23

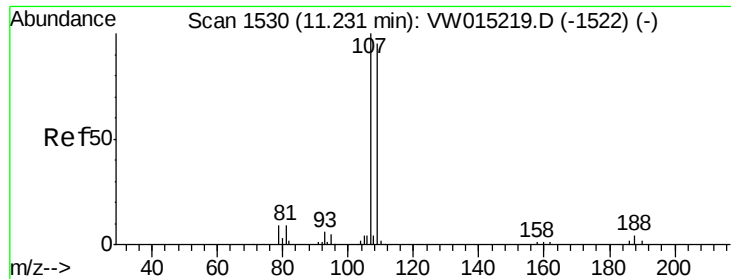
Tgt Ion: 129 Resp: 39570

Ion Ratio Lower Upper

129 100

127 77.3 38.3 114.8

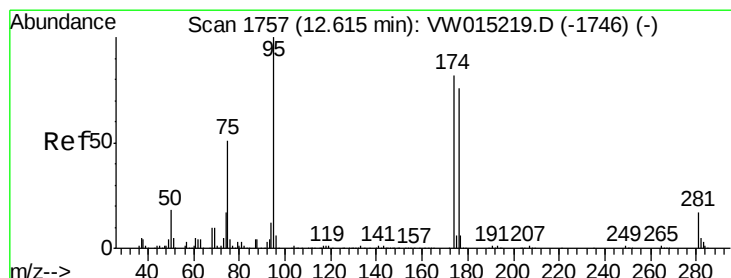
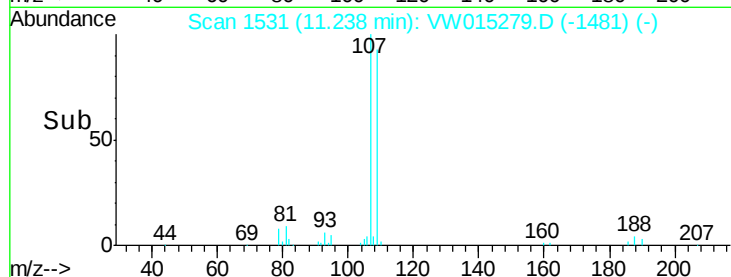
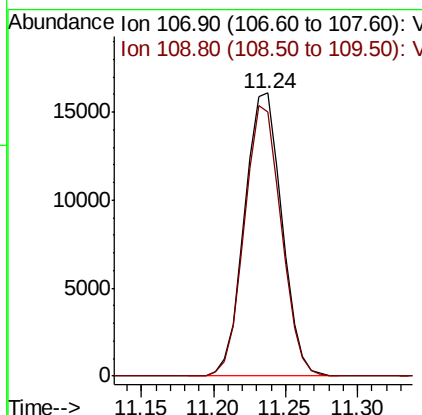
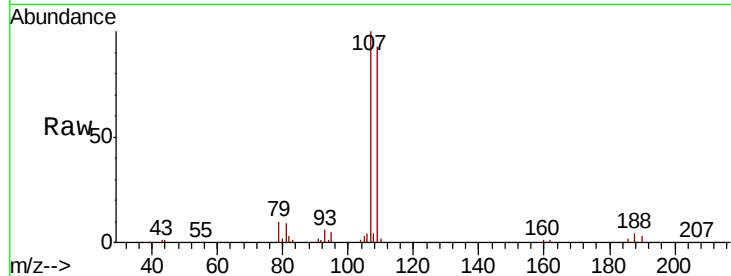




#61
 1,2-Dibromoethane
 Concen: 21.397 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

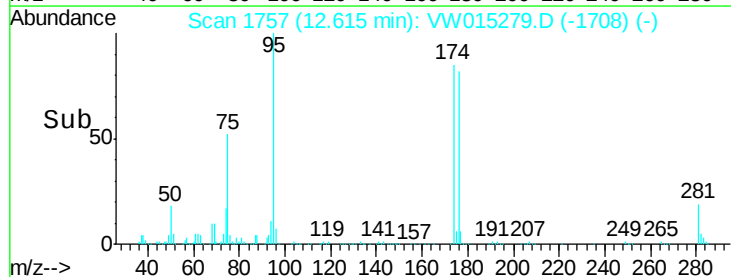
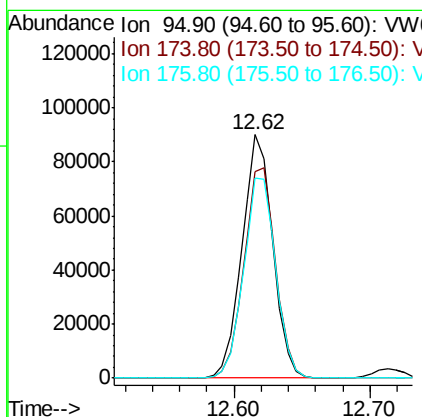
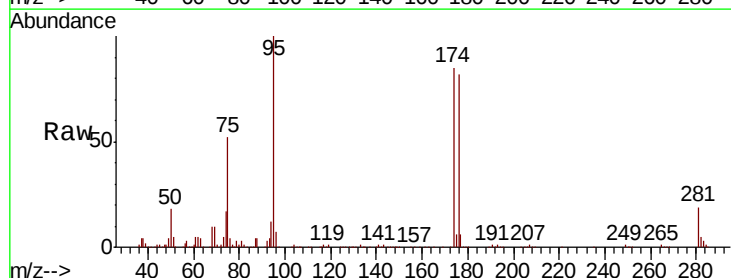
Instrument :
 MSVOA_W
 ClientSampleId :

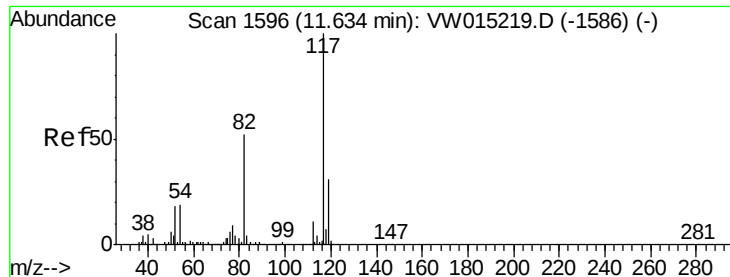
Tot Ion:107 Resp: 28891
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 52.293 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion: 95 Resp: 141657
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 144.4
 176 86.1 0.0 140.6

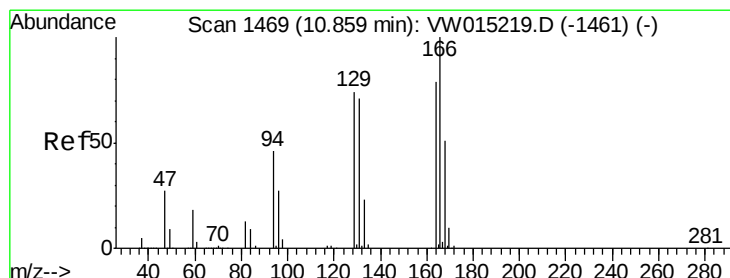
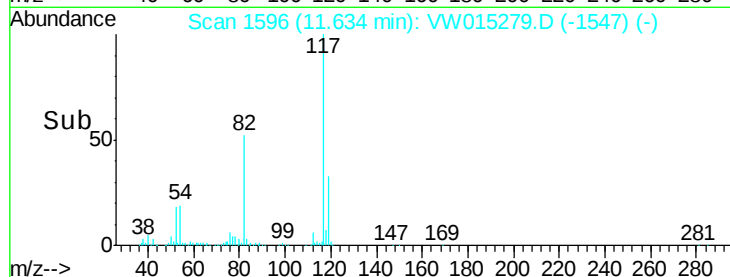
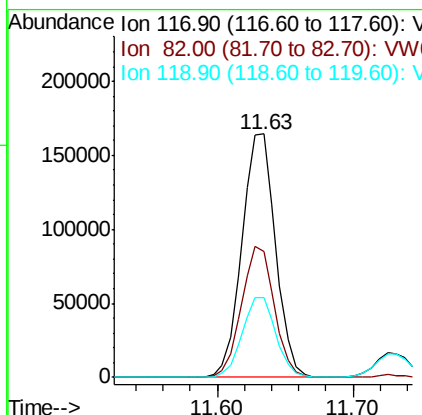
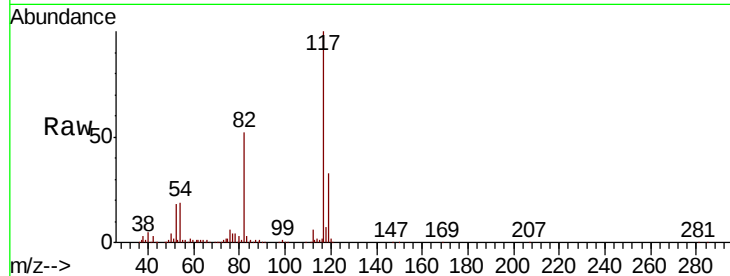




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

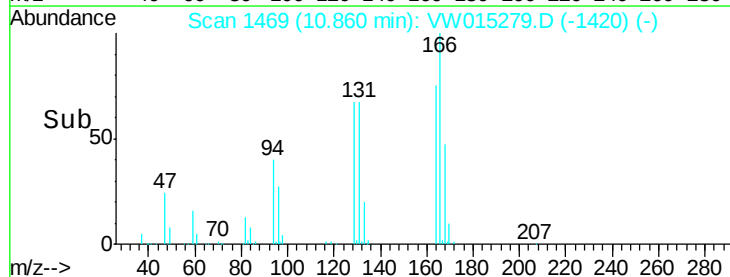
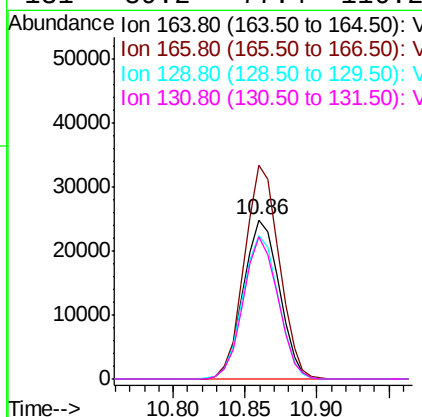
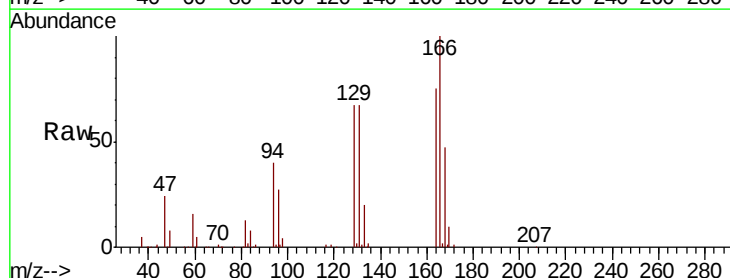
Instrument :
MSVOA_W
ClientSampled :

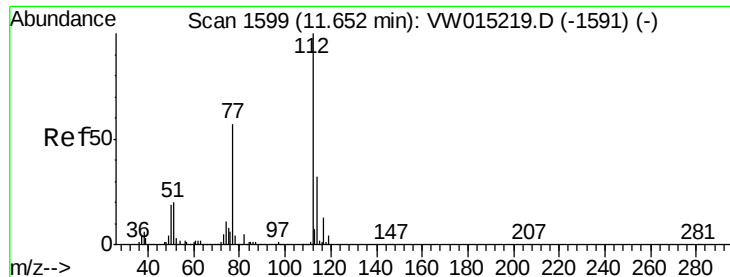
Tot Ion:117 Resp: 283880
Ion Ratio Lower Upper
117 100
82 51.8 44.1 66.1
119 32.5 24.9 37.3



#64
Tetrachloroethene
Concen: 21.175 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion:164 Resp: 42902
Ion Ratio Lower Upper
164 100
166 134.1 102.6 154.0
129 90.3 80.2 120.2
131 89.2 77.4 116.2





#65

Chlorobenzene

Concen: 20.856 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

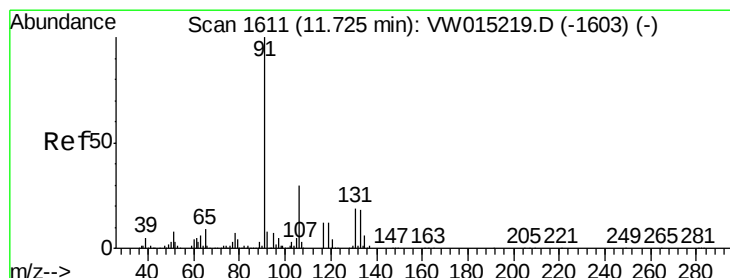
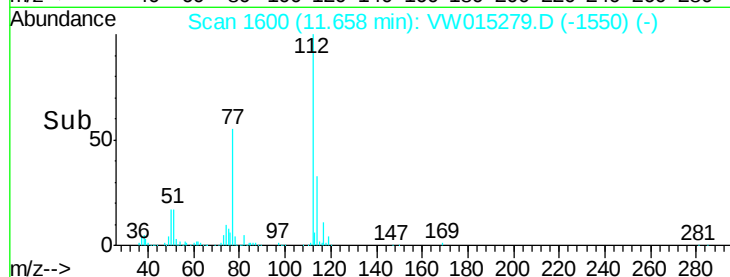
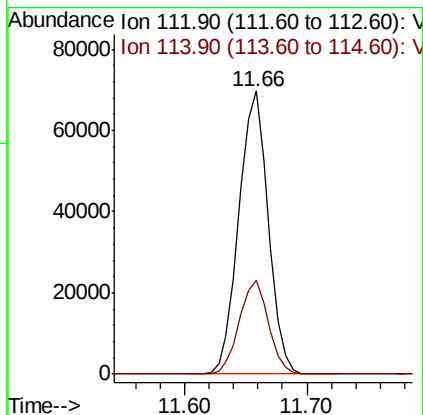
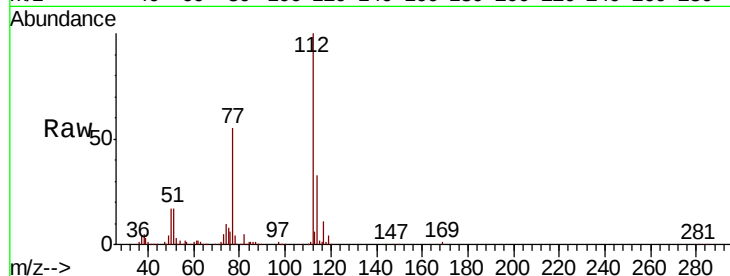
ClientSampleId :

Tot Ion:112 Resp: 116178

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.345 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

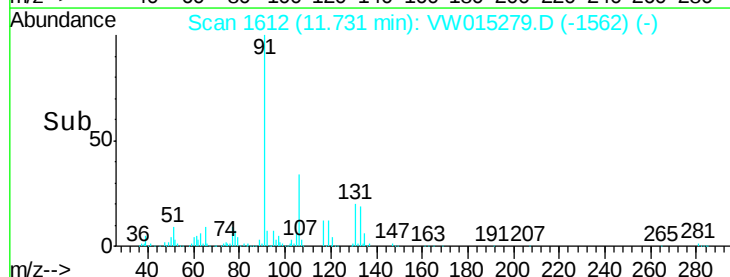
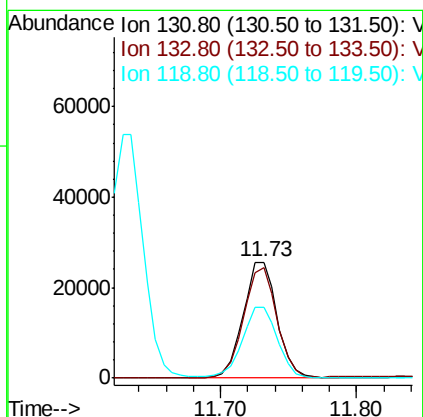
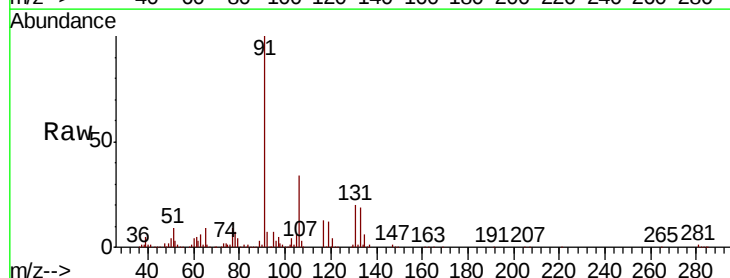
Tgt Ion:131 Resp: 44737

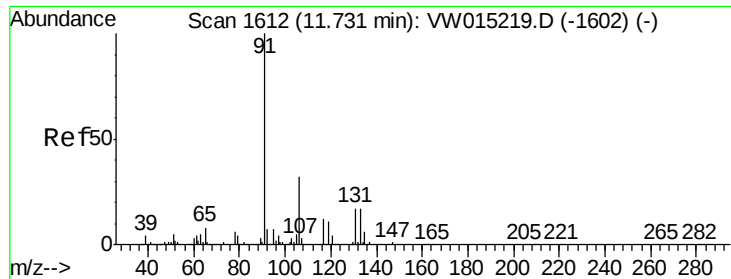
Ion Ratio Lower Upper

131 100

133 93.9 47.7 143.1

119 62.5 34.0 101.8

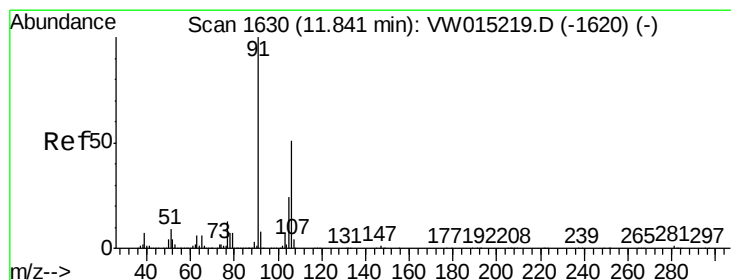
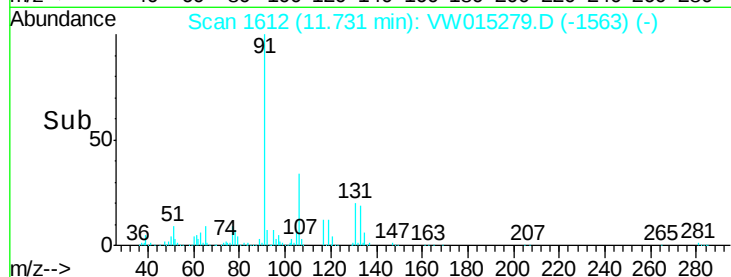
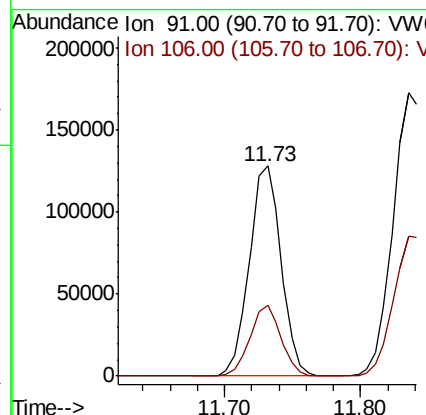
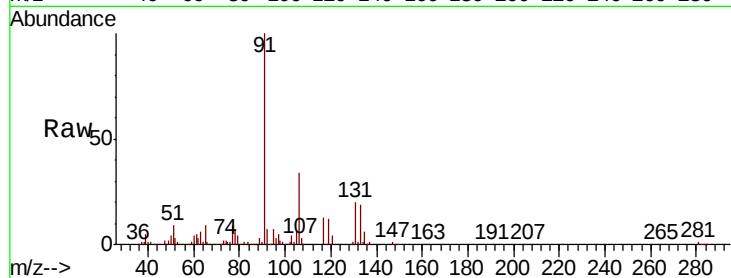




#67
Ethyl Benzene
Concen: 20.209 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

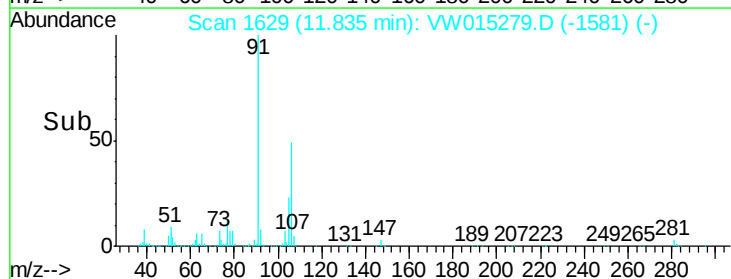
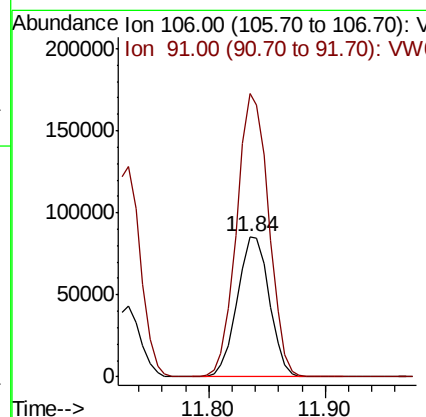
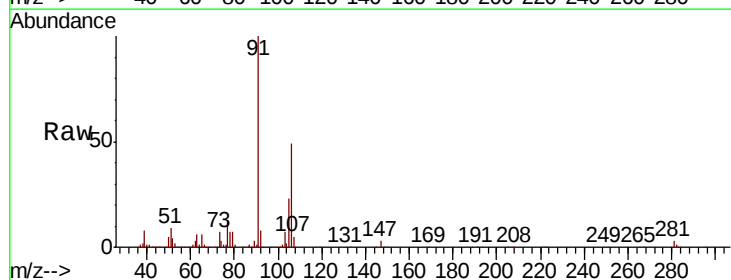
Instrument :
MSVOA_W
ClientSampleId :

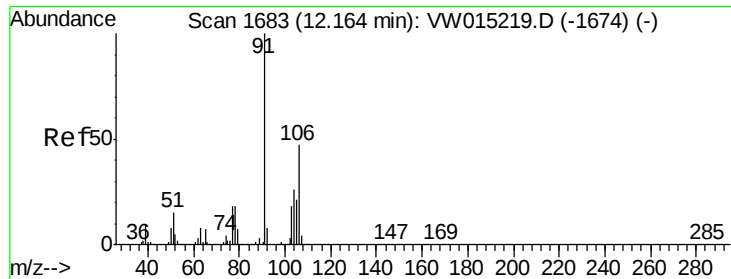
Tot Ion: 91 Resp: 209940
Ion Ratio Lower Upper
91 100
106 33.7 25.7 38.5



#68
m/p-Xylenes
Concen: 40.375 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 106 Resp: 164406
Ion Ratio Lower Upper
106 100
91 201.1 160.0 240.0

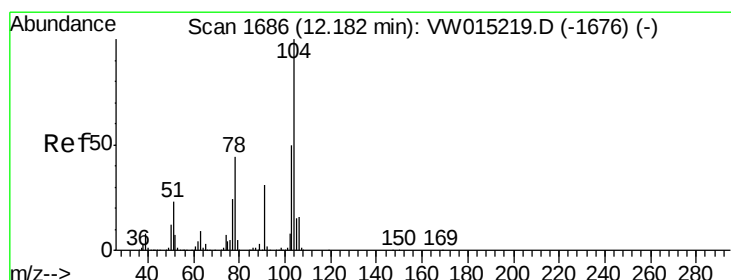
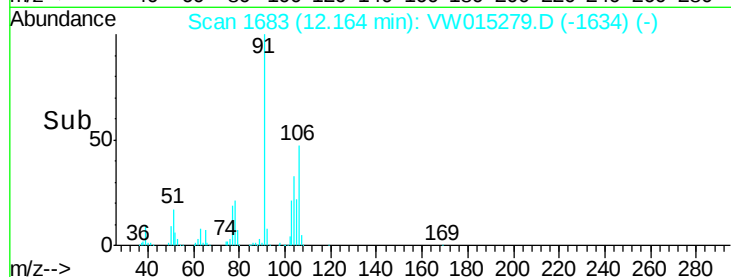
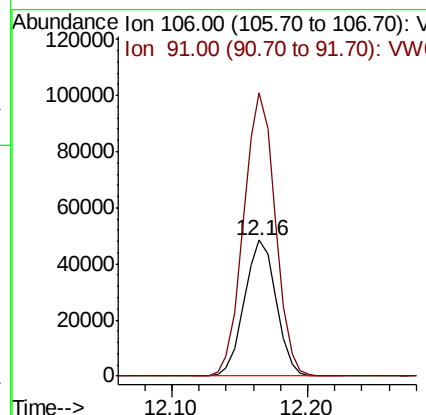
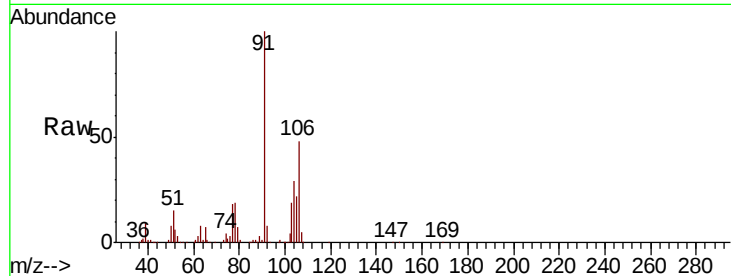




#69
o-Xylene
Concen: 20.871 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

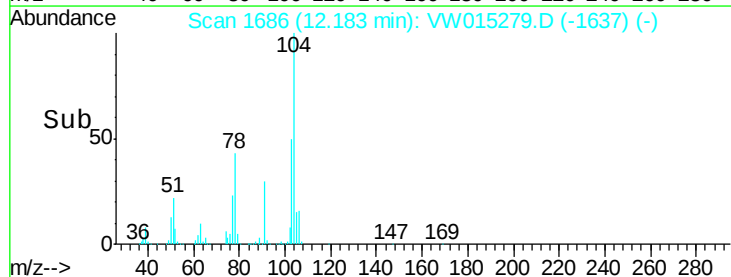
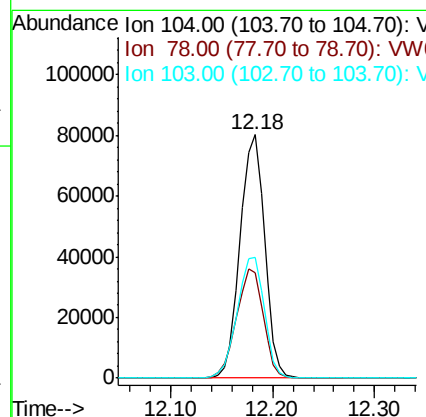
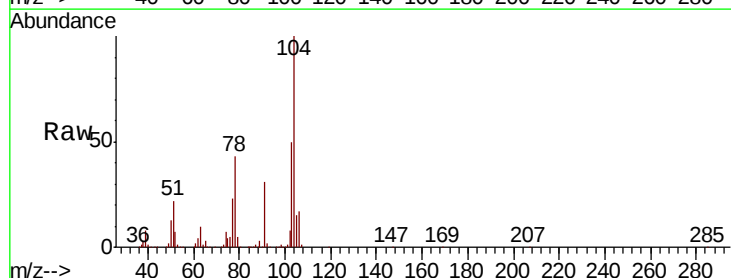
Instrument :
MSVOA_W
ClientSampled :

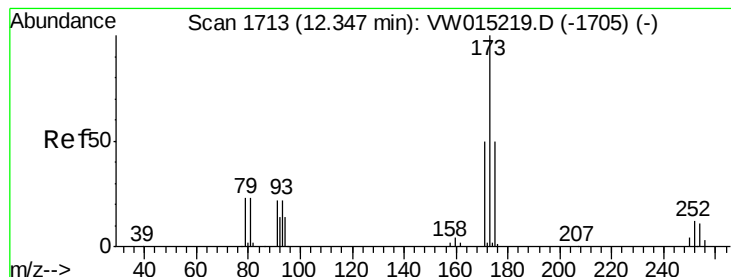
Tot Ion:106 Resp: 79327
Ion Ratio Lower Upper
106 100
91 206.8 105.7 317.1



#70
Styrene
Concen: 20.604 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion:104 Resp: 133484
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 54.6 43.8 65.6





#71

Bromoform

Concen: 21.512 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampleId :

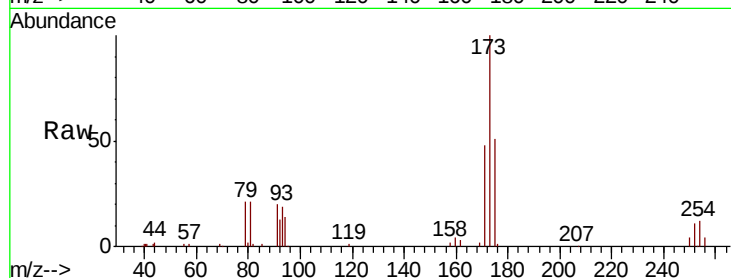
Tot Ion:173 Resp: 24268

Ion Ratio Lower Upper

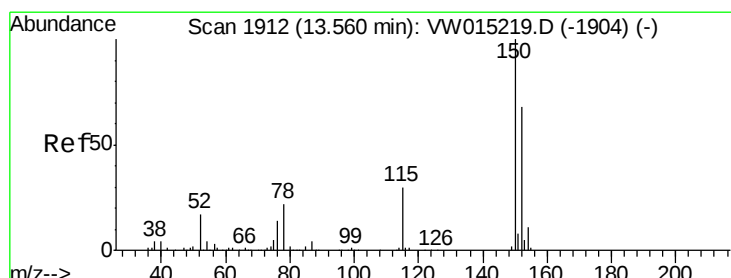
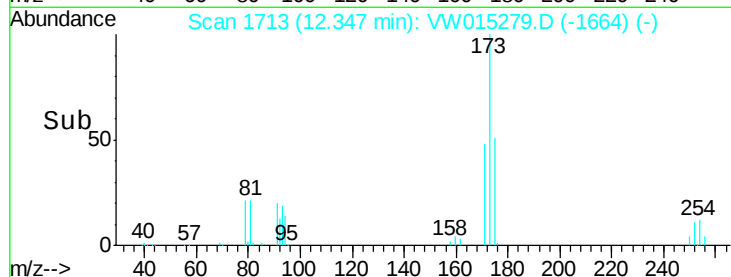
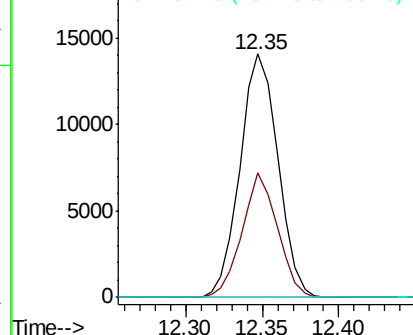
173 100

175 47.8 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. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

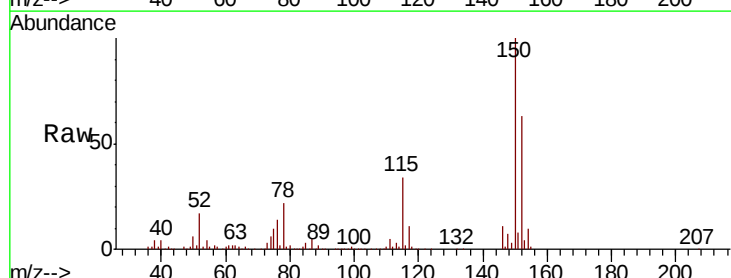
Tgt Ion:152 Resp: 155864

Ion Ratio Lower Upper

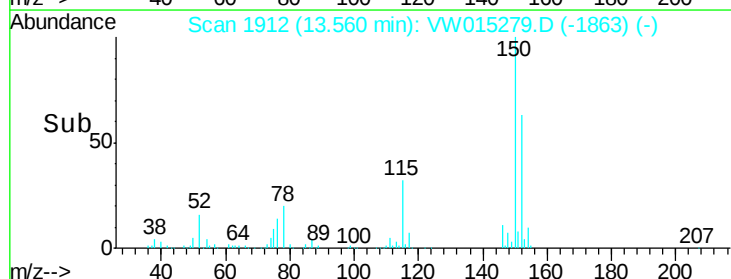
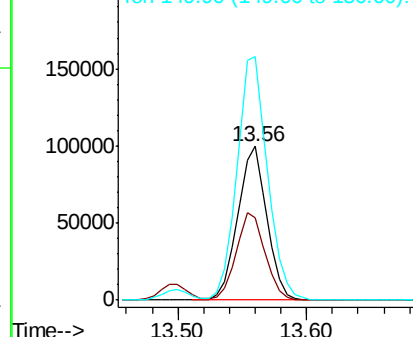
152 100

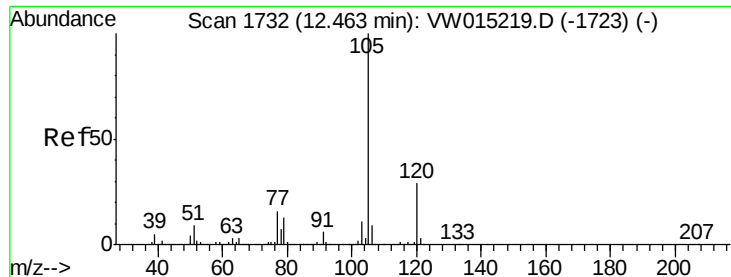
115 56.9 31.3 93.9

150 166.2 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: 19.992 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

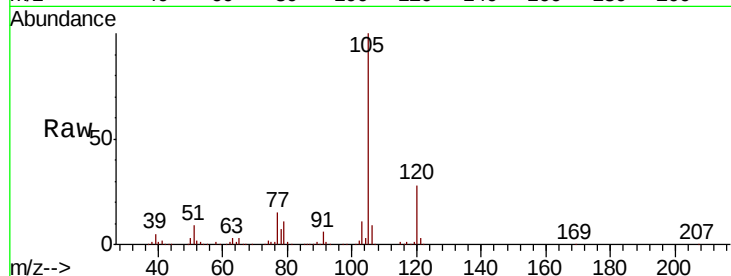
ClientSampleId :

Tot Ion:105 Resp: 216051

Ion Ratio Lower Upper

105 100

120 27.3 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

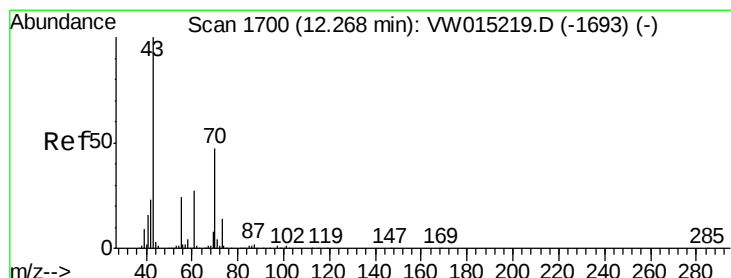
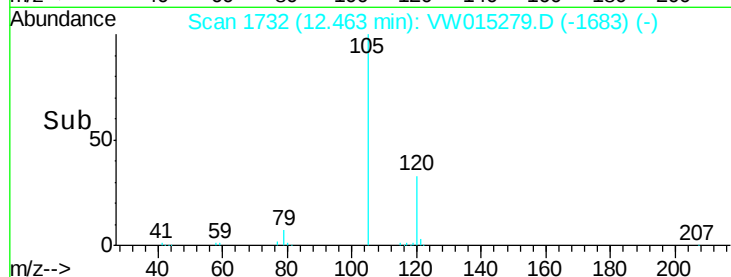
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.525 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Tgt Ion: 43 Resp: 36708

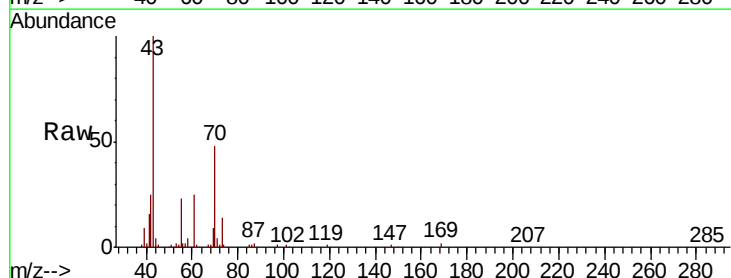
Ion Ratio Lower Upper

43 100

70 48.4 35.4 53.2

55 24.2 18.5 27.7

61 25.3 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

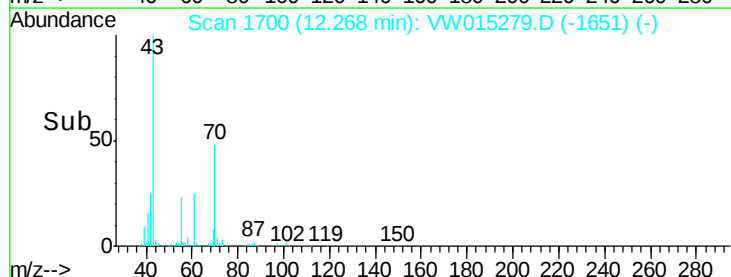
30000

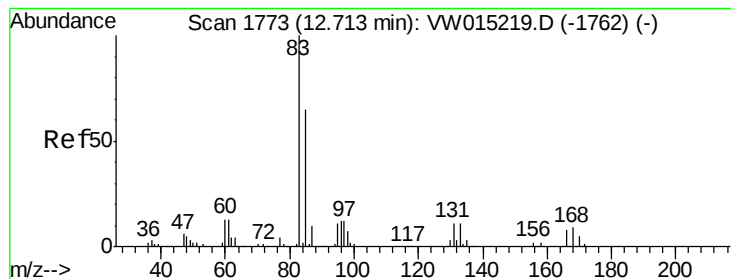
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.094 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampled :

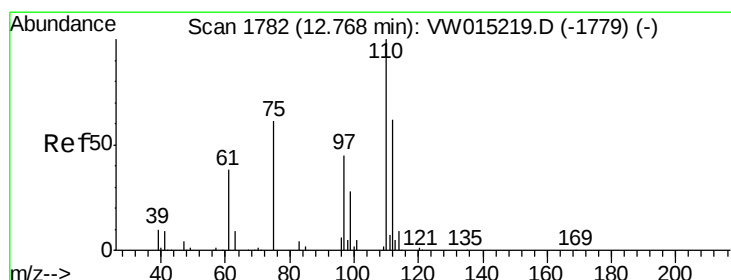
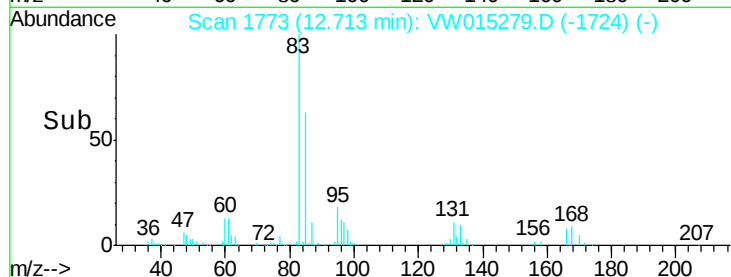
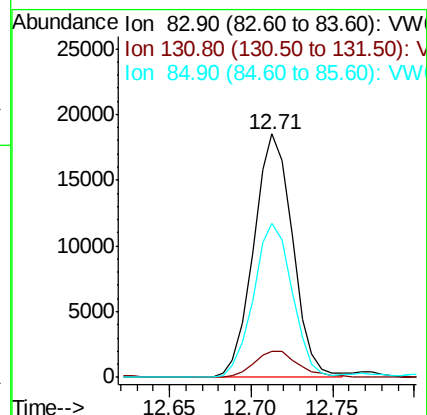
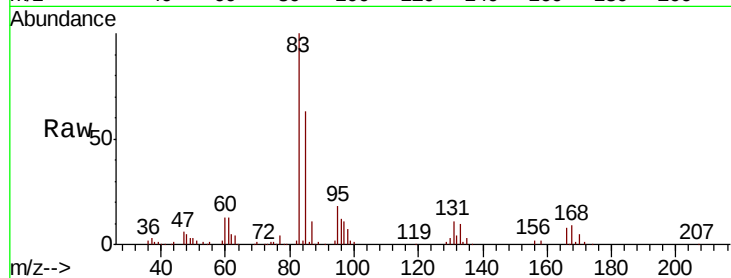
Tot Ion: 83 Resp: 30832

Ion Ratio Lower Upper

83 100

131 12.3 5.1 15.2

85 62.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 33.740 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW015279.D

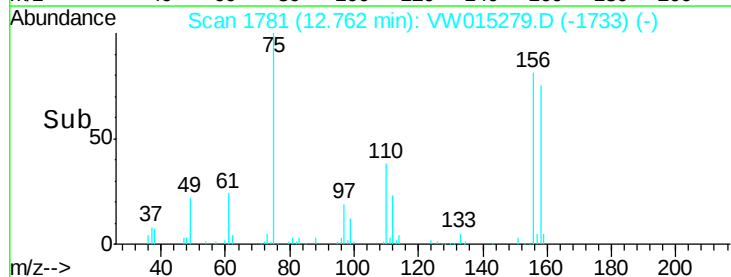
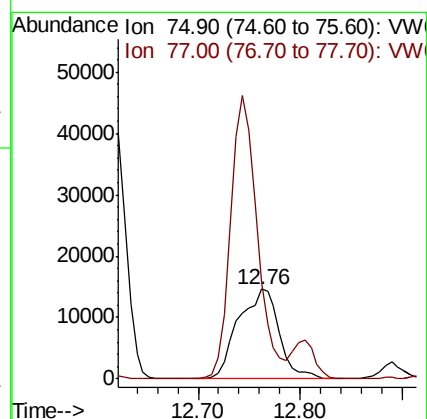
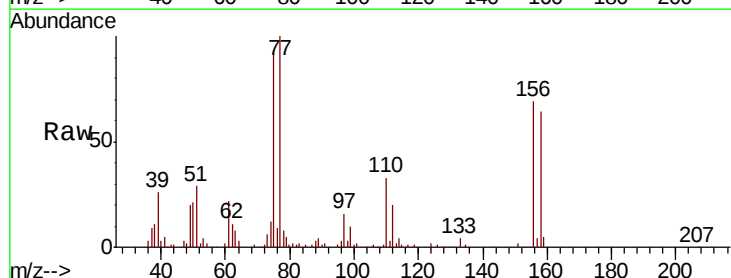
Acq: 21 Apr 2020 23:23

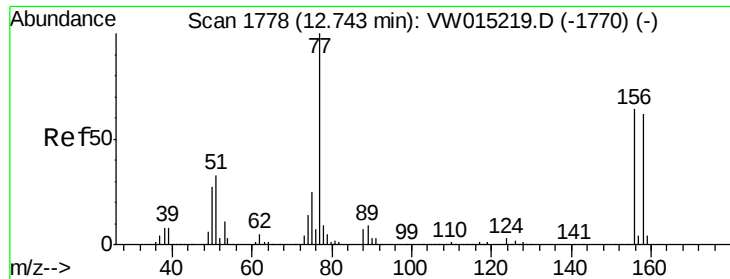
Tgt Ion: 75 Resp: 40683

Ion Ratio Lower Upper

75 100

77 206.5 0.0 0.0#

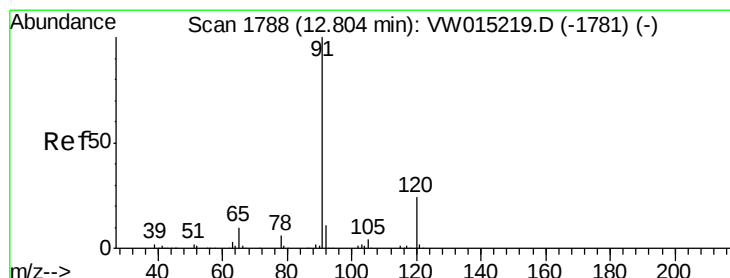
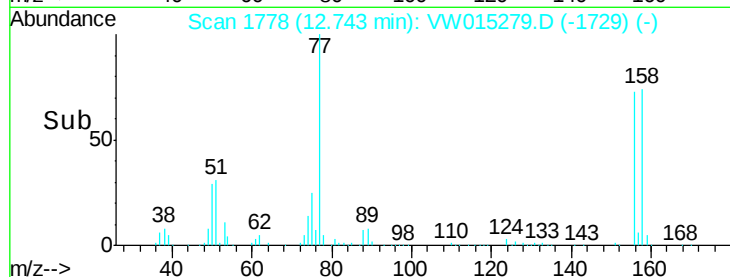
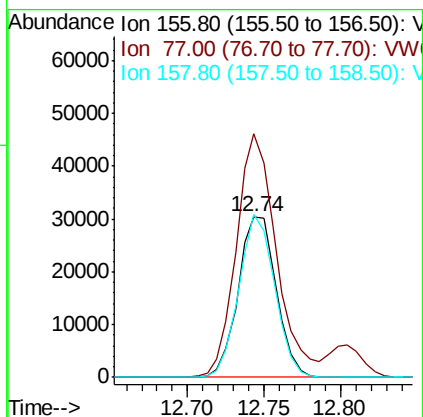
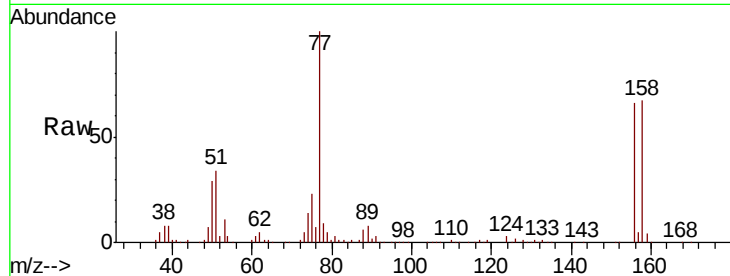




#77
Bromobenzene
Concen: 21.147 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

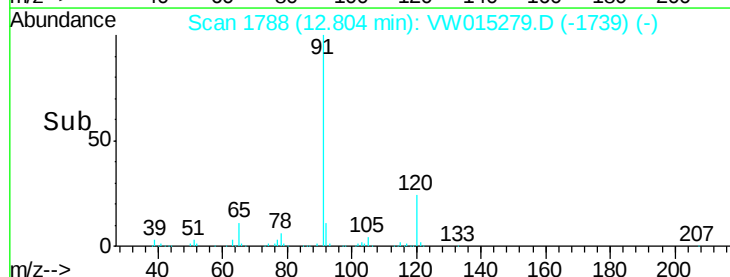
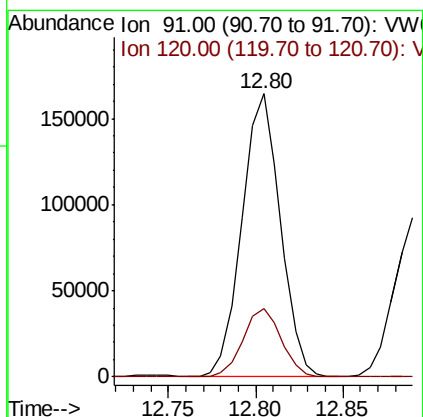
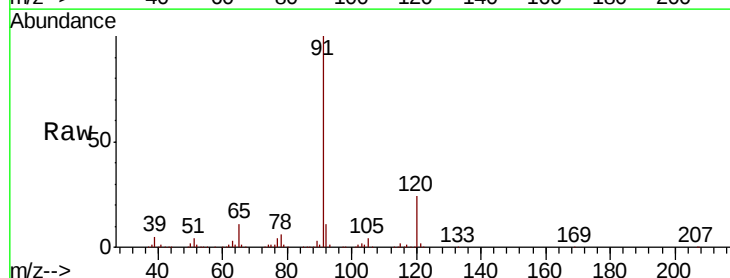
Instrument :
MSVOA_W
ClientSampled :

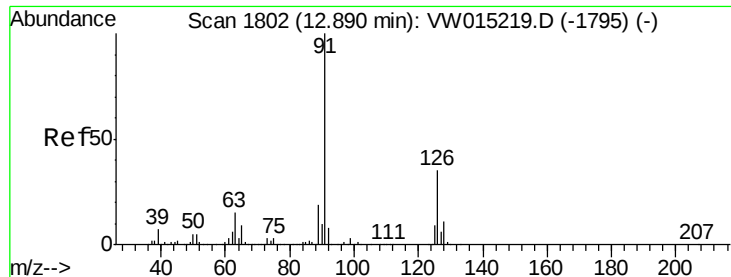
Tot Ion:156 Resp: 52504
Ion Ratio Lower Upper
156 100
77 160.0 100.5 301.5
158 95.8 47.9 143.8



#78
n-propylbenzene
Concen: 19.897 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 91 Resp: 250350
Ion Ratio Lower Upper
91 100
120 24.2 11.4 34.1





#79

2-Chlorotoluene

Concen: 20.187 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

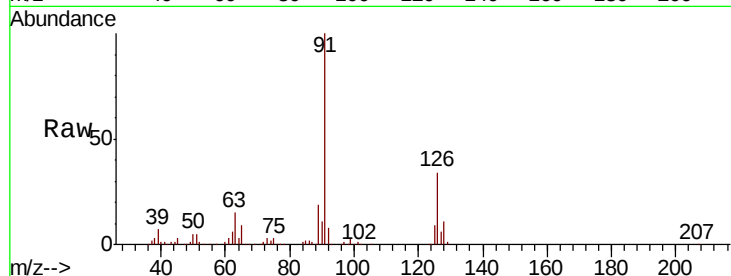
ClientSampleId :

Tot Ion: 91 Resp: 143148

Ion Ratio Lower Upper

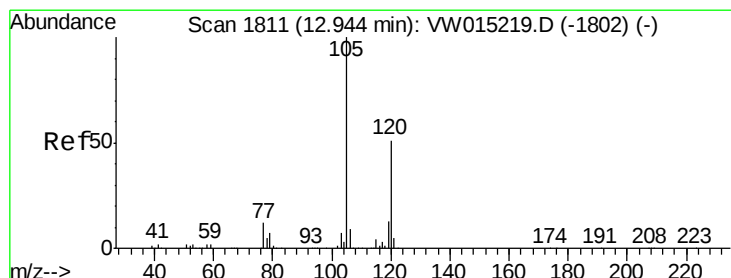
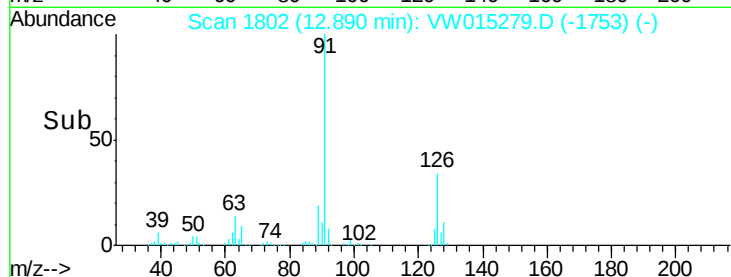
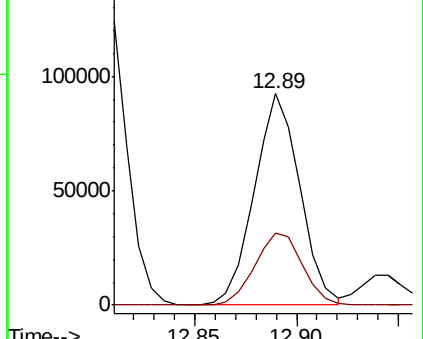
91 100

126 35.7 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: 20.414 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015279.D

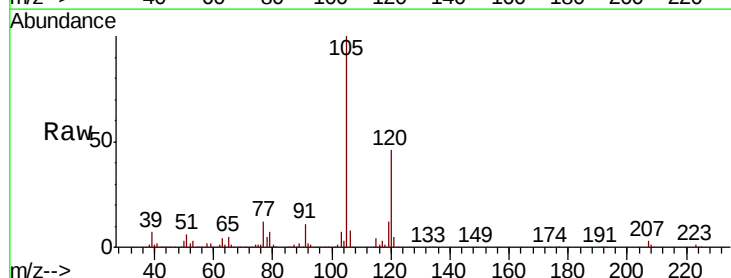
Acq: 21 Apr 2020 23:23

Tgt Ion:105 Resp: 190032

Ion Ratio Lower Upper

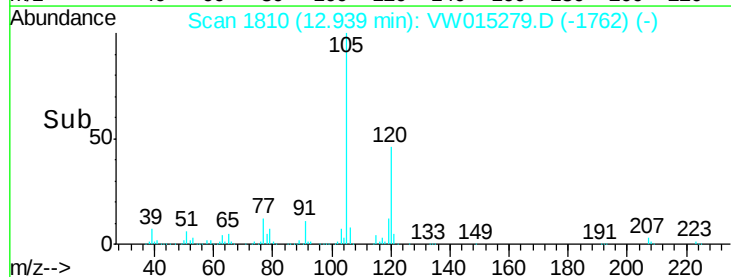
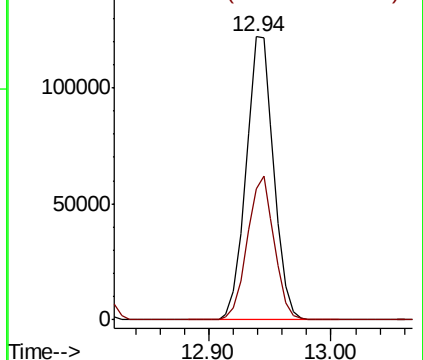
105 100

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: 18.405 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampled :

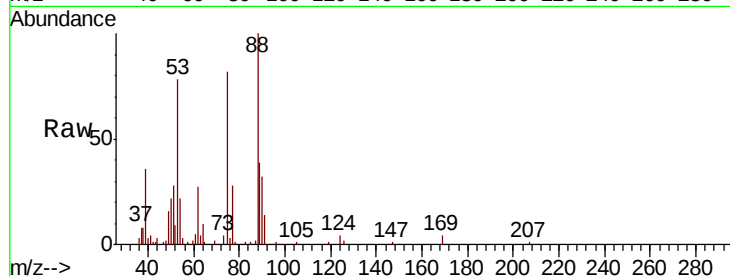
Tot Ion: 75 Resp: 10152

Ion Ratio Lower Upper

75 100

53 90.5 69.4 104.2

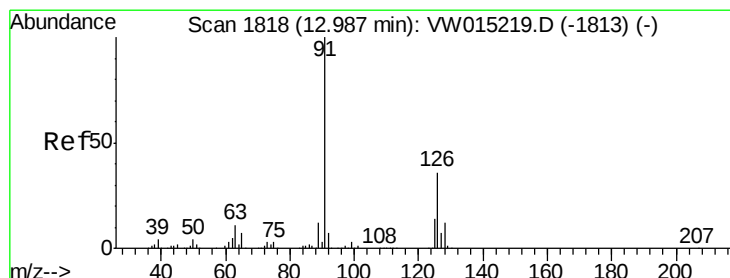
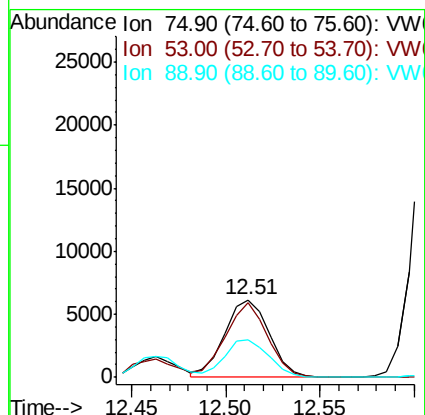
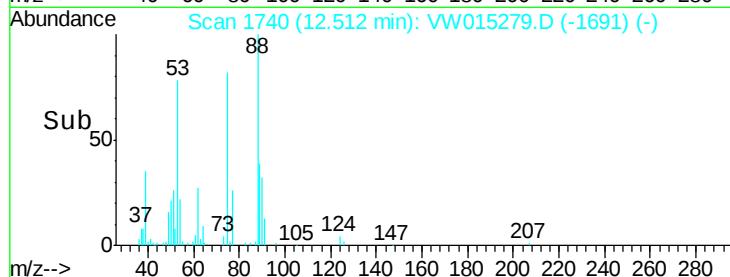
89 47.2 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.277 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015279.D

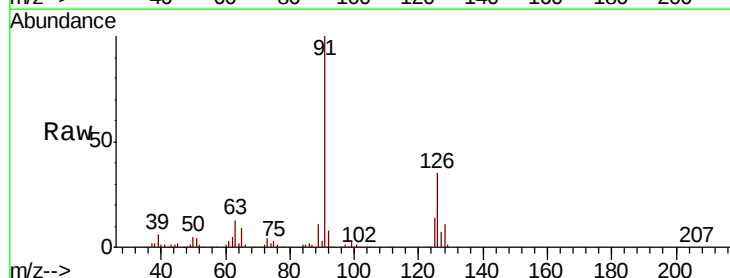
Acq: 21 Apr 2020 23:23

Tgt Ion: 91 Resp: 152660

Ion Ratio Lower Upper

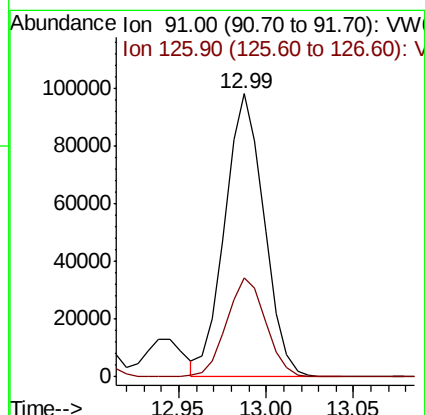
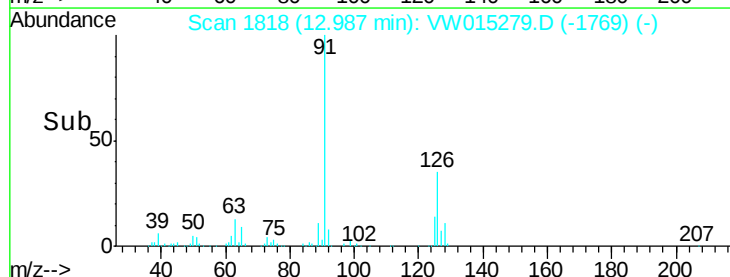
91 100

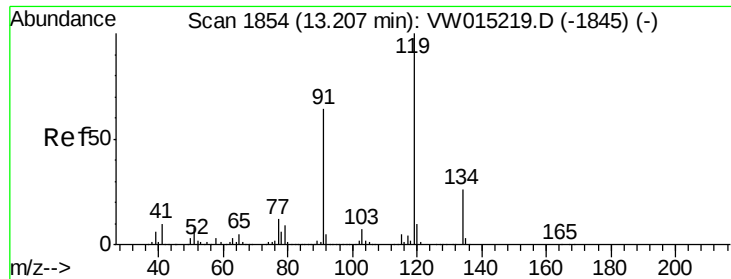
126 34.8 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

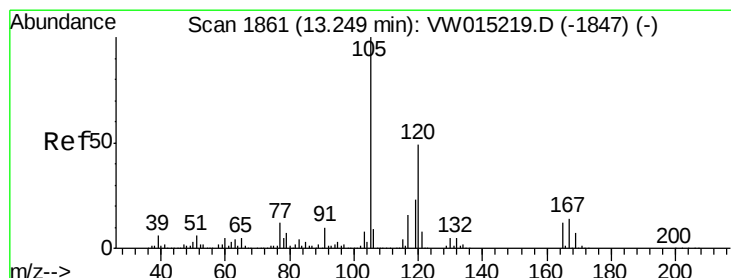
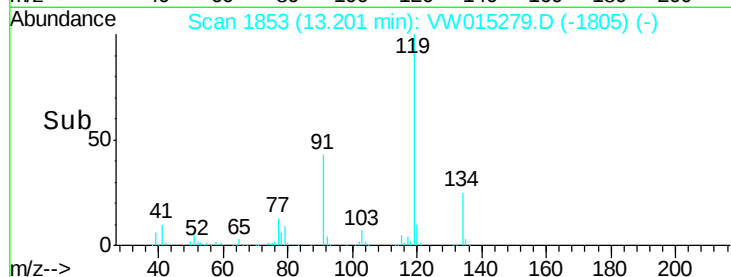
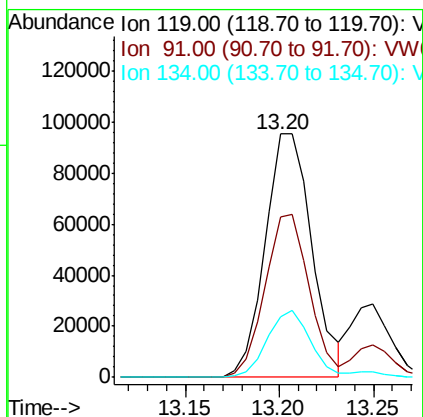
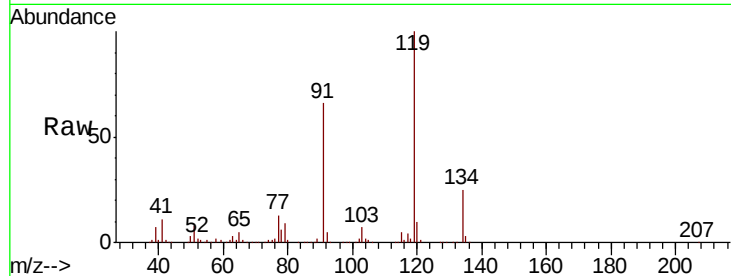




#83
tert-Butylbenzene
Concen: 20.173 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

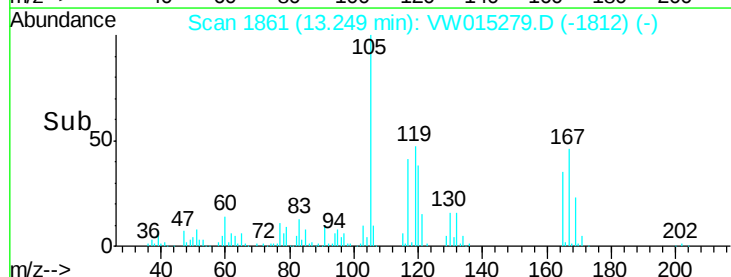
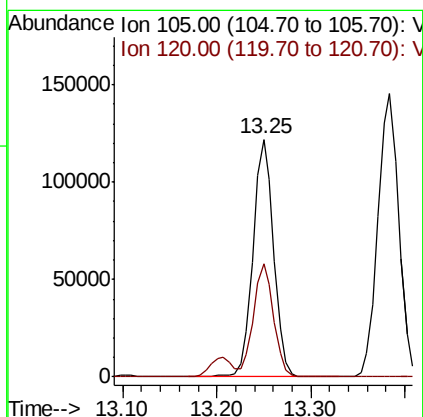
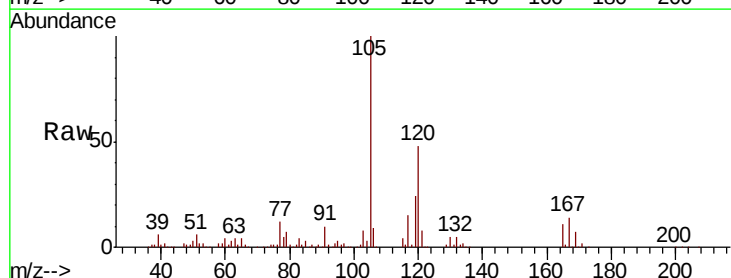
Instrument :
MSVOA_W
ClientSampled :

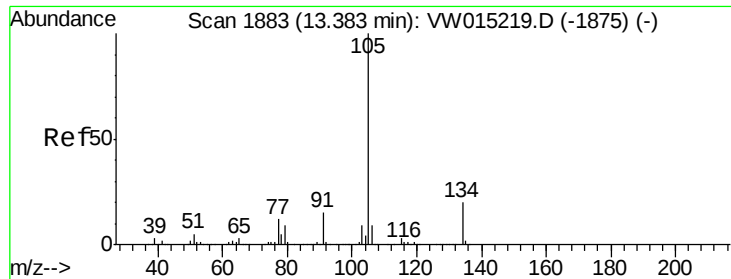
Tot Ion:119 Resp: 164136
Ion Ratio Lower Upper
119 100
91 63.6 32.8 98.3
134 25.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.491 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion:105 Resp: 188145
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.872 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

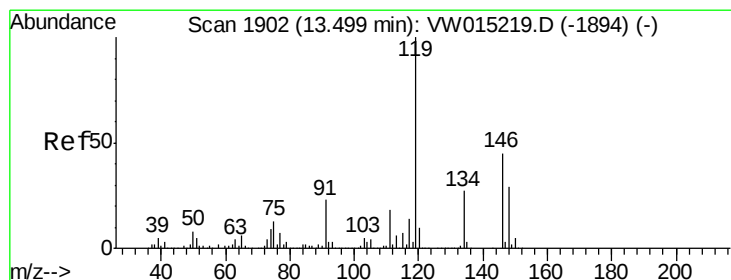
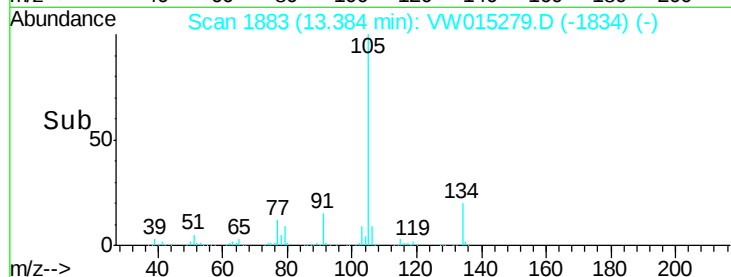
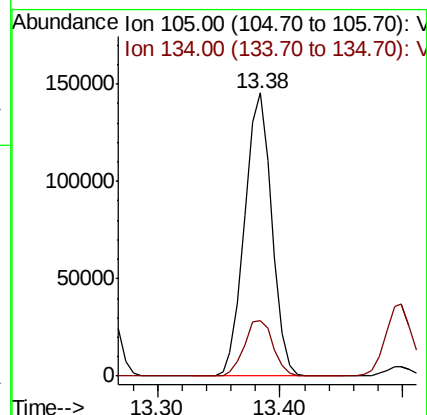
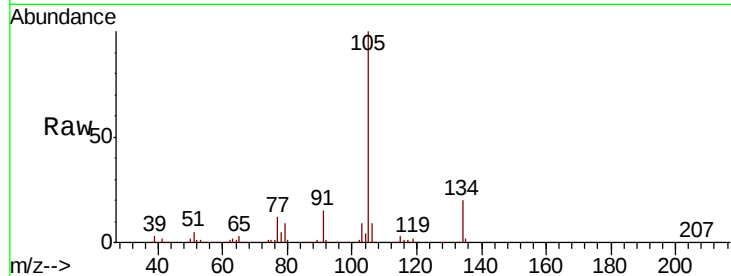
ClientSampleId :

Tot Ion:105 Resp: 223291

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.354 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

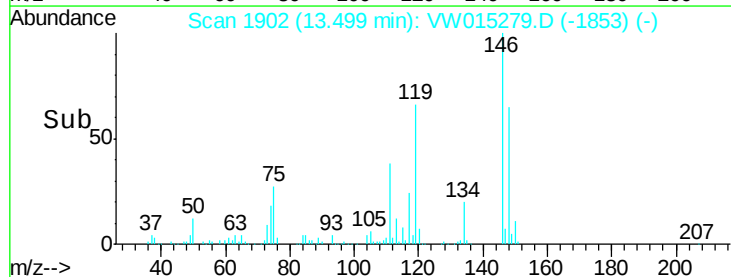
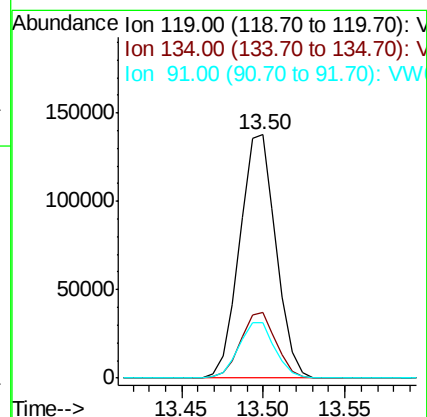
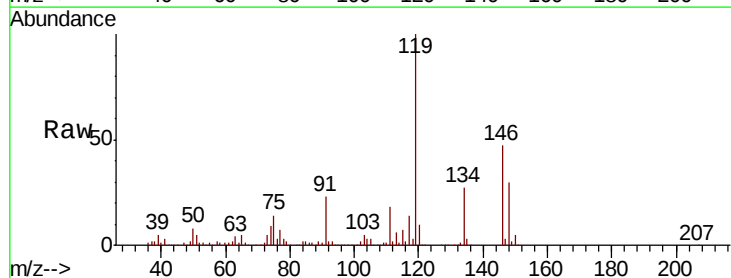
Tgt Ion:119 Resp: 212521

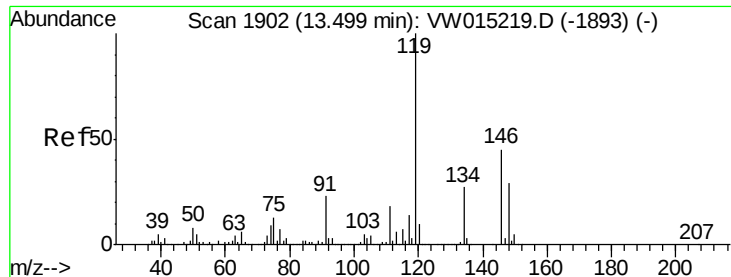
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.6 12.0 36.1

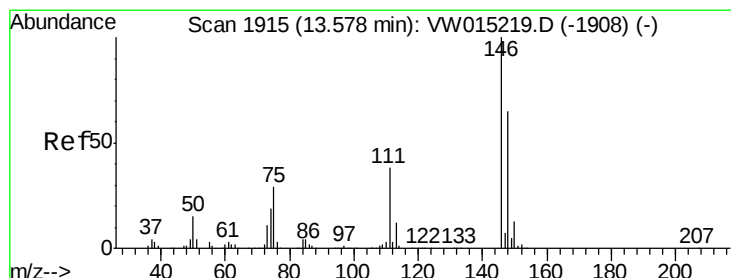
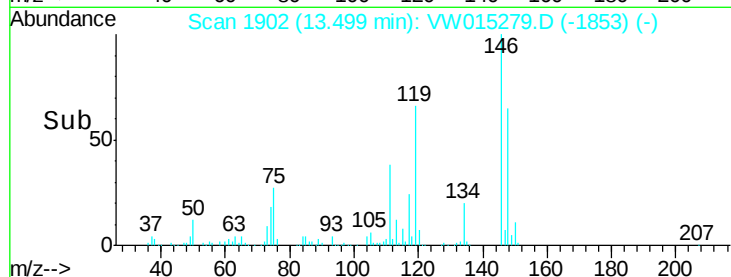
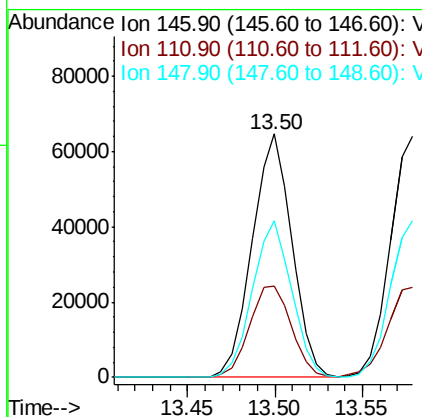
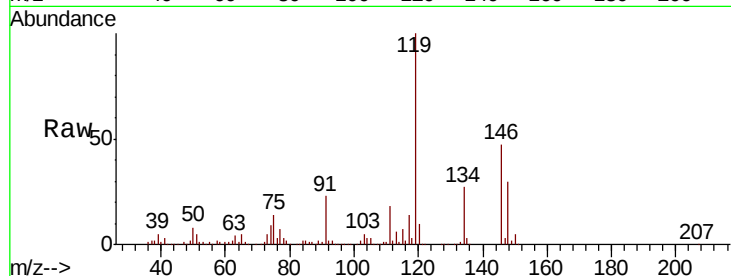




#87
 1,3-Dichlorobenzene
 Concen: 20.658 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

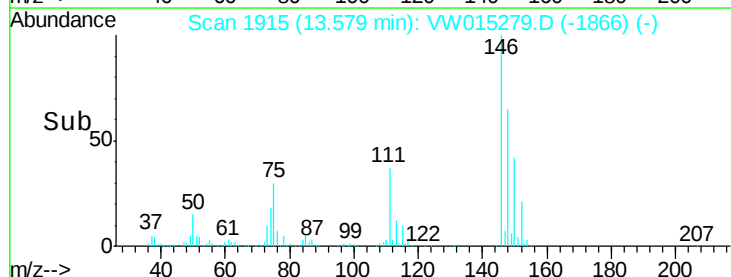
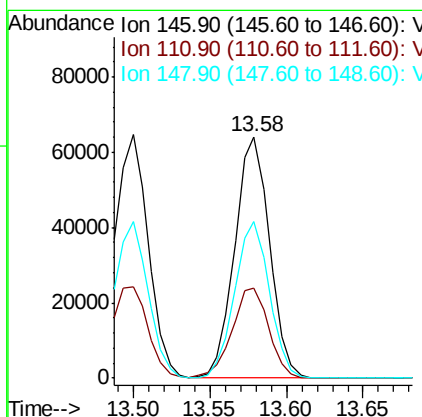
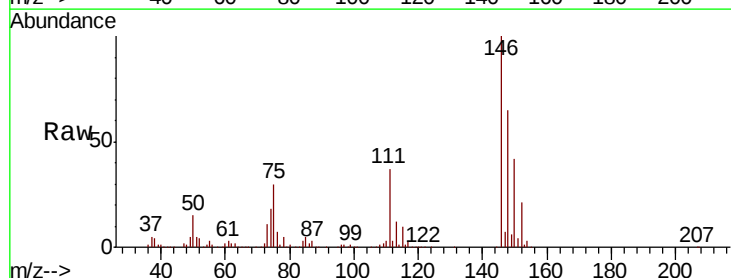
Instrument :
 MSVOA_W
 ClientSampleId :

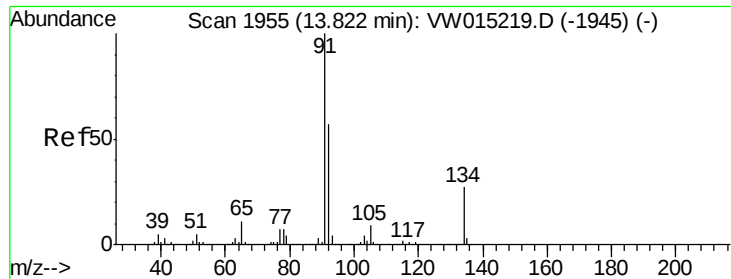
Tot Ion:146 Resp: 101908
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.1 63.4
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.915 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion:146 Resp: 101143
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.4 61.3
 148 65.1 31.5 94.5





#89

n-Butylbenzene

Concen: 19.500 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampleId :

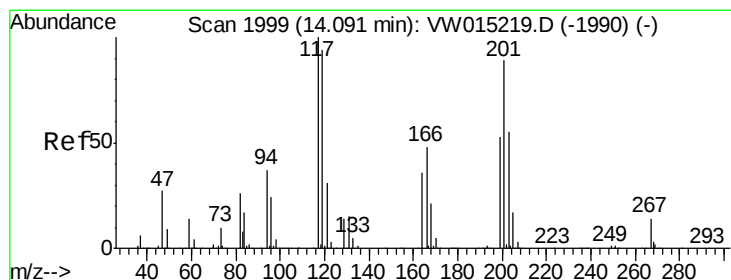
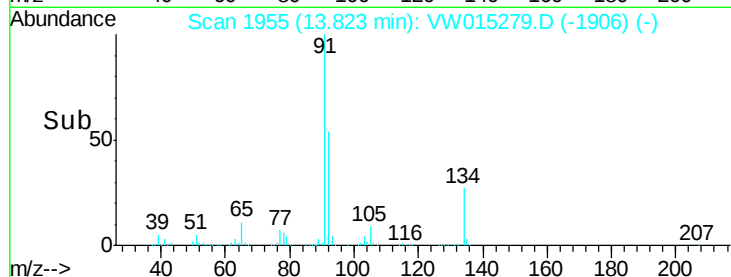
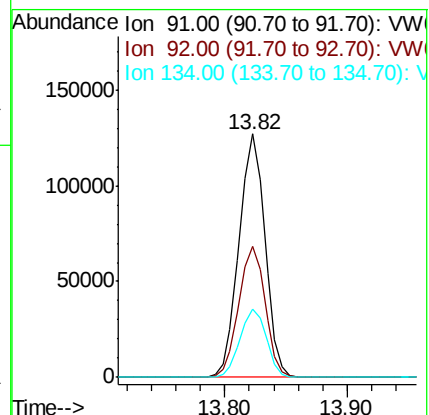
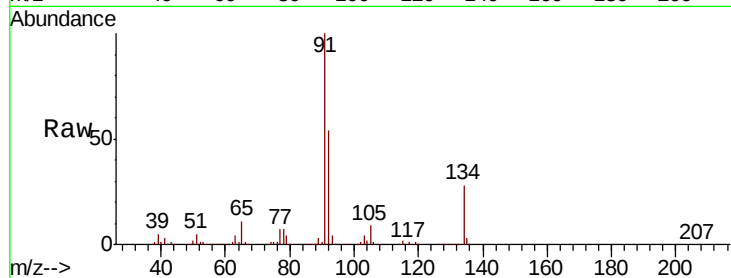
Tot Ion: 91 Resp: 186102

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

134 28.4 12.8 38.3



#90

Hexachloroethane

Concen: 20.218 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015279.D

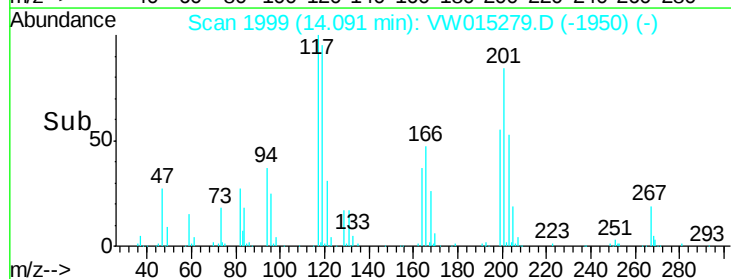
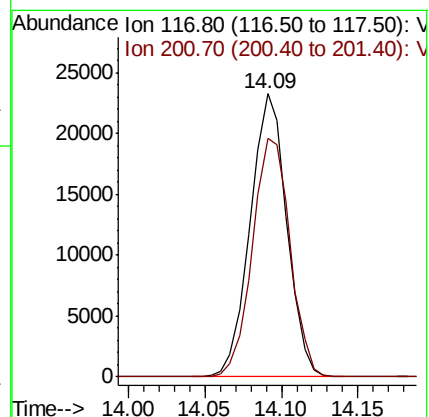
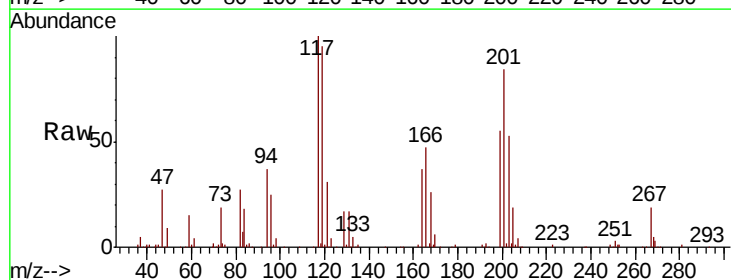
Acq: 21 Apr 2020 23:23

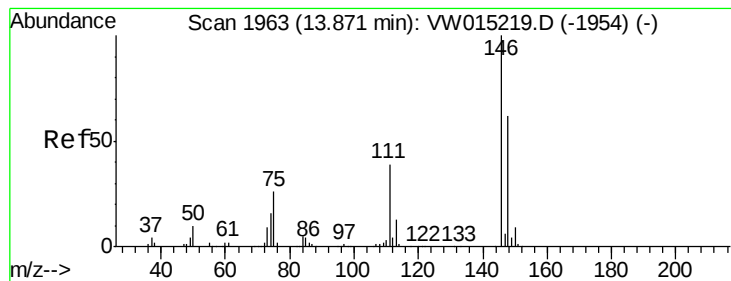
Tgt Ion: 117 Resp: 38714

Ion Ratio Lower Upper

117 100

201 86.9 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 21.220 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

Instrument :

MSVOA_W

ClientSampleId :

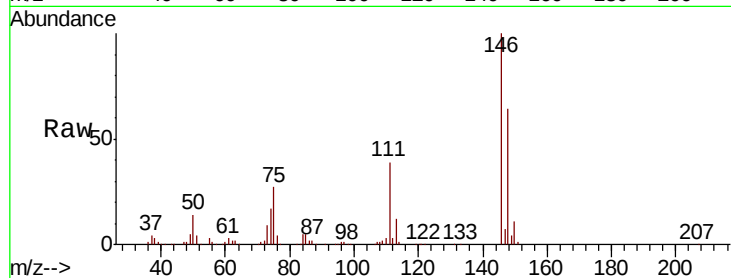
Tot Ion:146 Resp: 90967

Ion Ratio Lower Upper

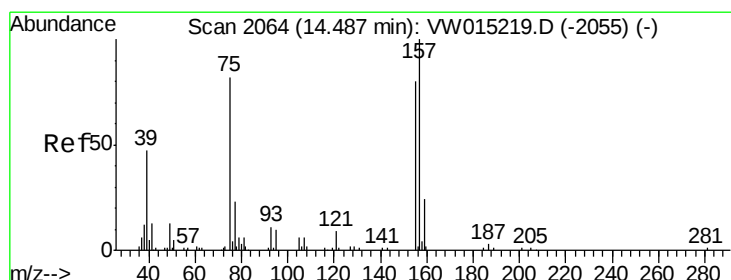
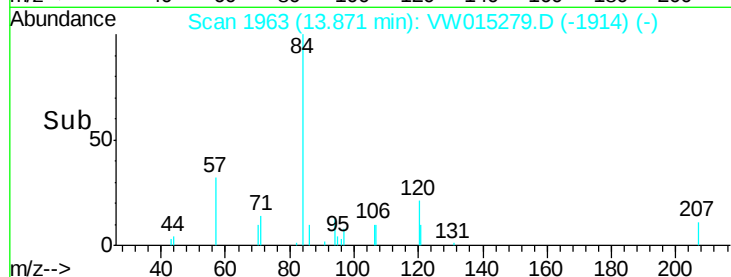
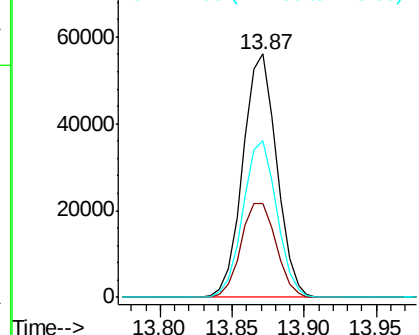
146 100

111 40.7 21.6 65.0

148 64.4 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.235 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015279.D

Acq: 21 Apr 2020 23:23

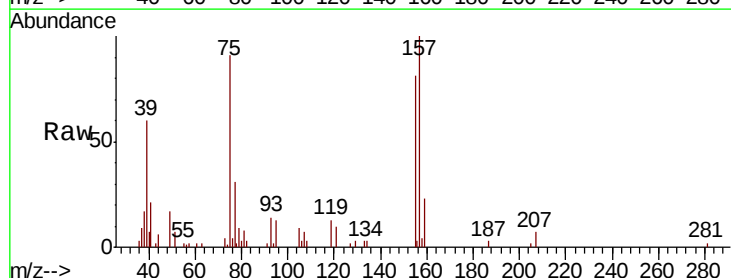
Tgt Ion: 75 Resp: 5341

Ion Ratio Lower Upper

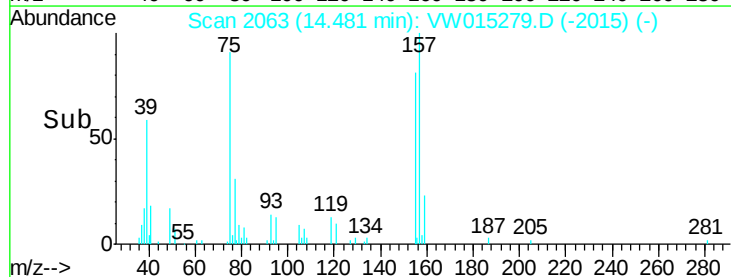
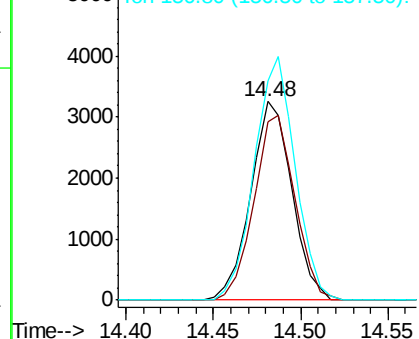
75 100

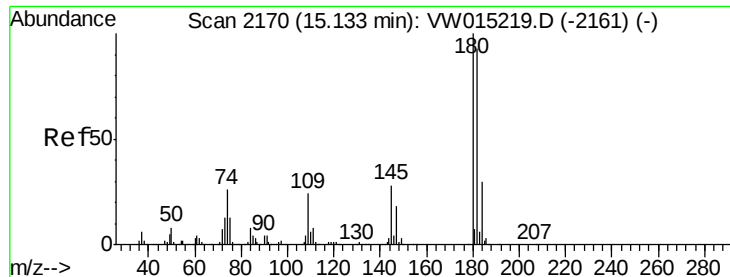
155 92.0 41.6 124.9

157 121.1 53.8 161.2



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

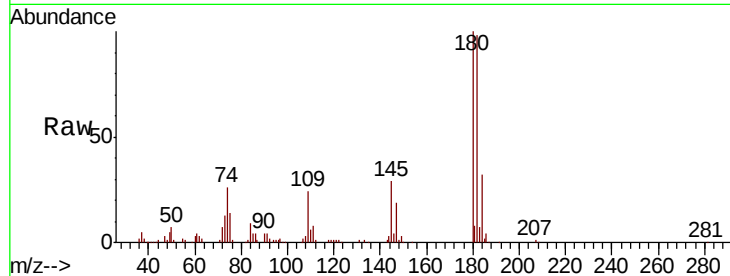




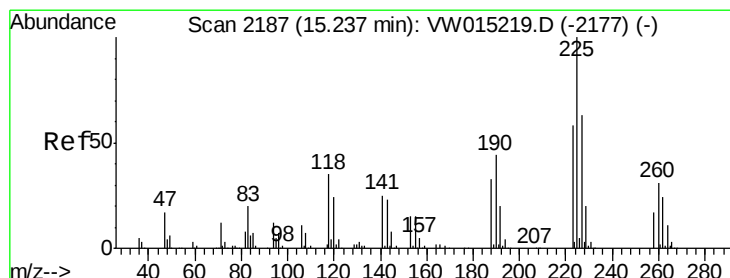
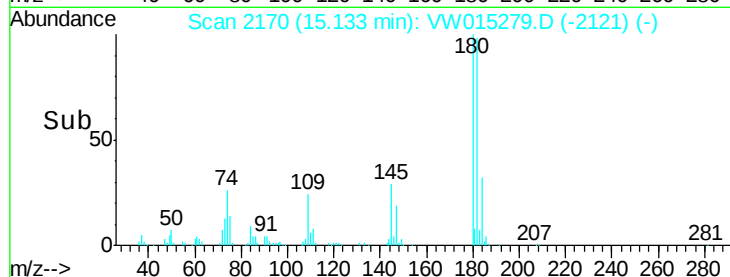
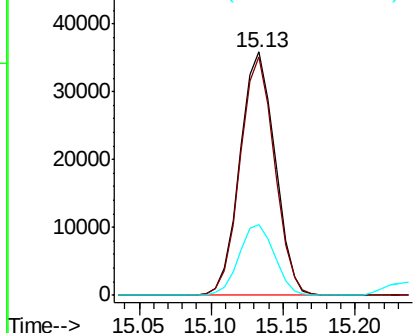
#93
 1,2,4-Trichlorobenzene
 Concen: 20.310 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 60517
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.1 141.4
 145 29.2 16.2 48.6

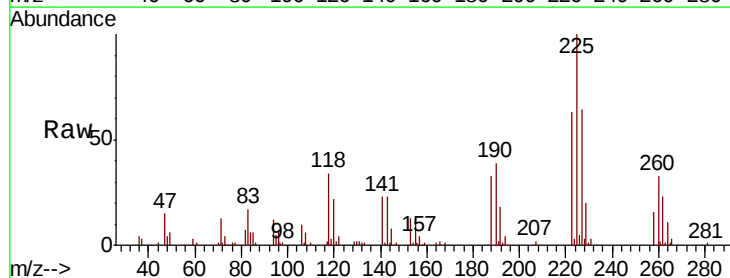


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

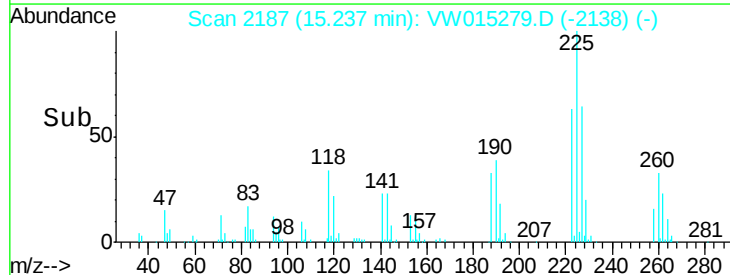
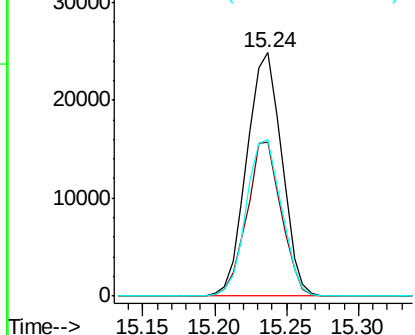


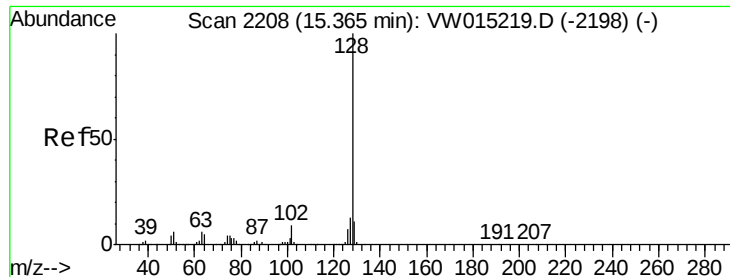
#94
 Hexachlorobutadiene
 Concen: 21.036 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015279.D
 Acq: 21 Apr 2020 23:23

Tgt Ion:225 Resp: 41790
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.0 93.0
 227 64.9 30.8 92.3



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

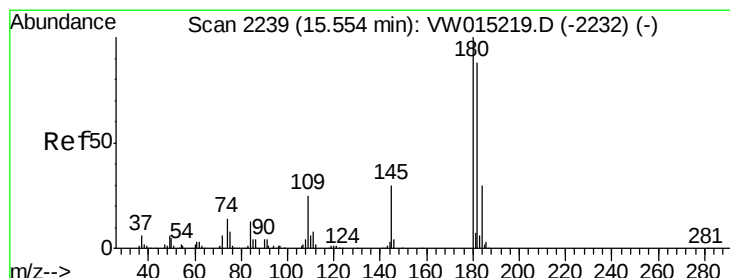
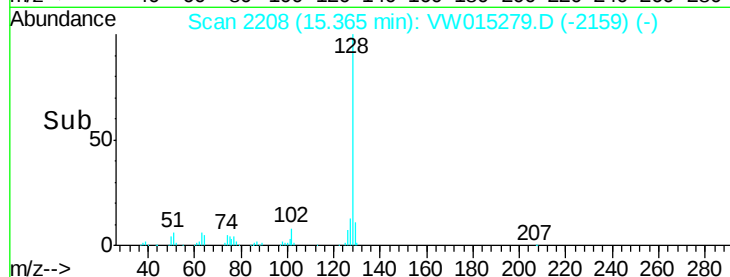
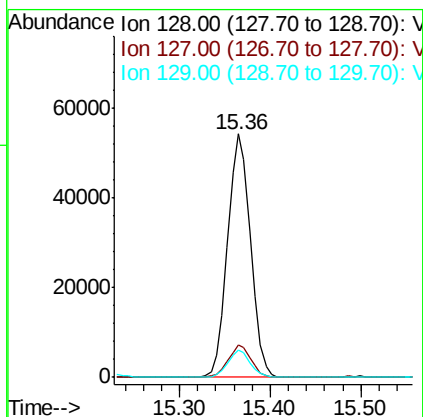
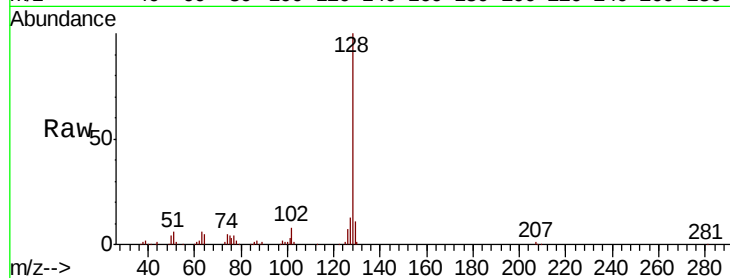




#95
Naphthalene
Concen: 19.886 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 95317
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.372 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015279.D
Acq: 21 Apr 2020 23:23

Tgt Ion:180 Resp: 51813
Ion Ratio Lower Upper
180 100
182 93.0 48.8 146.3
145 30.3 17.2 51.6

