

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015221.D
 Acq On : 20 Apr 2020 14:06
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Quant Time: Apr 20 14:32:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 13:45:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187964	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	302131	129.49	ug/l	0.00
Spiked Amount			Recovery	=	258.98%	
35) Dibromofluoromethane	7.88	113	301218	153.68	ug/l	0.00
Spiked Amount			Recovery	=	307.36%	
50) Toluene-d8	10.32	98	1185927	148.95	ug/l	0.00
Spiked Amount			Recovery	=	297.90%	
62) 4-Bromofluorobenzene	12.62	95	468487	168.00	ug/l	0.00
Spiked Amount			Recovery	=	336.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	289007	179.602	ug/l	97
3) Chloromethane	2.22	50	302037	138.707	ug/l	99
4) Vinyl Chloride	2.36	62	358763	139.912	ug/l	100
5) Bromomethane	2.75	94	251553	186.349	ug/l	93
6) Chloroethane	2.91	64	212640	168.113	ug/l	99
7) Trichlorofluoromethane	3.26	101	535241	325.752	ug/l	98
8) Diethyl Ether	3.69	74	149288	117.856	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	326084	130.592	ug/l	94
10) Methyl Iodide	4.28	142	395793	106.145	ug/l	100
11) Tert butyl alcohol	5.17	59	110268	636.612	ug/l	99
12) 1,1-Dichloroethene	4.04	96	310572	120.769	ug/l	95
13) Acrolein	3.90	56	62521	347.195	ug/l	99
14) Allyl chloride	4.68	41	417284	109.689	ug/l	87
15) Acrylonitrile	5.37	53	284443	535.055	ug/l	99
16) Acetone	4.13	43	242405	583.287	ug/l	96
17) Carbon Disulfide	4.39	76	913347	116.691	ug/l	99
18) Methyl Acetate	4.68	43	134556	105.881	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	743008	220.611	ug/l	96
20) Methylene Chloride	4.92	84	311112	108.099	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	356816	131.505	ug/l	95
22) Diisopropyl ether	6.32	45	808903	105.430	ug/l	95
23) Vinyl Acetate	6.26	43	2414449	541.874	ug/l	96
24) 1,1-Dichloroethane	6.22	63	564841	123.827	ug/l	99
25) 2-Butanone	7.17	43	353550	531.623	ug/l #	89
26) 2,2-Dichloropropane	7.17	77	573277	188.838	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	389681	133.223	ug/l	99
28) Bromochloromethane	7.51	49	196260	102.946	ug/l #	76
29) Tetrahydrofuran	7.53	42	224160	514.205	ug/l	89
30) Chloroform	7.68	83	604940	135.383	ug/l	97
31) Cyclohexane	7.96	56	495687	101.661	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	575476	152.883	ug/l	100
36) 1,1-Dichloropropene	8.09	75	459197	145.027	ug/l	99
37) Ethyl Acetate	7.26	43	157302	119.369	ug/l	97
38) Carbon Tetrachloride	8.07	117	519552	178.476	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	612238	143.892	ug/l	97
40) Benzene	8.32	78	1247114	138.711	ug/l	97
41) Methacrylonitrile	7.49	41	102727	131.749	ug/l	96
42) 1,2-Dichloroethane	8.40	62	382383	167.575	ug/l	99
43) Isopropyl Acetate	8.43	43	325907	126.553	ug/l	96
44) Trichloroethene	9.09	130	376873	159.530	ug/l	94
45) 1,2-Dichloropropane	9.37	63	287675	130.049	ug/l	99
46) Dibromomethane	9.46	93	173444	156.893	ug/l #	87
47) Bromodichloromethane	9.65	83	457928	159.763	ug/l	97
48) Methyl methacrylate	9.43	41	153281	127.254	ug/l #	89
49) 1,4-Dioxane	9.45	88	44645	2545.499	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	774437	568.585	ug/l	96
52) Toluene	10.39	92	879655	152.854	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	454754	155.942	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	523363	148.762	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	240860	153.765	ug/l	96
56) Ethyl methacrylate	10.65	69	312075	144.576	ug/l	94
57) 1,3-Dichloropropane	10.93	76	400150	145.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	703006	658.056	ug/l	90
59) 2-Hexanone	10.97	43	546228	638.994	ug/l	96
60) Dibromochloromethane	11.13	129	323086	172.867	ug/l	98
61) 1,2-Dibromoethane	11.23	107	239128	158.402	ug/l	99
64) Tetrachloroethene	10.86	164	345719	176.507	ug/l	94
65) Chlorobenzene	11.66	112	953087	151.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	356677	164.476	ug/l	97
67) Ethyl Benzene	11.73	91	1780581	150.329	ug/l	100
68) m/p-Xylenes	11.84	106	1400680	311.609	ug/l	98
69) o-Xylene	12.16	106	665368	157.930	ug/l	99
70) Styrene	12.18	104	1150198	161.603	ug/l	100
71) Bromoform	12.35	173	204447	189.835	ug/l #	97
73) Isopropylbenzene	12.46	105	1845671	131.668	ug/l	100
74) N-amyl acetate	12.27	43	334268	102.583	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	264590	112.655	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	364159	226.322	ug/l #	100
77) Bromobenzene	12.75	156	436055	150.152	ug/l	85
78) n-propylbenzene	12.80	91	2144894	126.881	ug/l	96
79) 2-Chlorotoluene	12.89	91	1231140	131.741	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	1615152	136.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	99165	119.239	ug/l	96
82) 4-Chlorotoluene	12.99	91	1302212	131.893	ug/l	98
83) tert-Butylbenzene	13.21	119	1397232	136.525	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1586475	135.234	ug/l	100
85) sec-Butylbenzene	13.38	105	1917535	131.834	ug/l	97
86) p-Isopropyltoluene	13.50	119	1783163	137.396	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	848260	146.613	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	845036	147.221	ug/l	97
89) n-Butylbenzene	13.82	91	1682723	131.150	ug/l	98
90) Hexachloroethane	14.09	117	329292	131.965	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	755220	146.815	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	49430	129.983	ug/l	89

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Quant Title : SW846 8260
QLast Update : Mon Apr 20 13:45:45 2020
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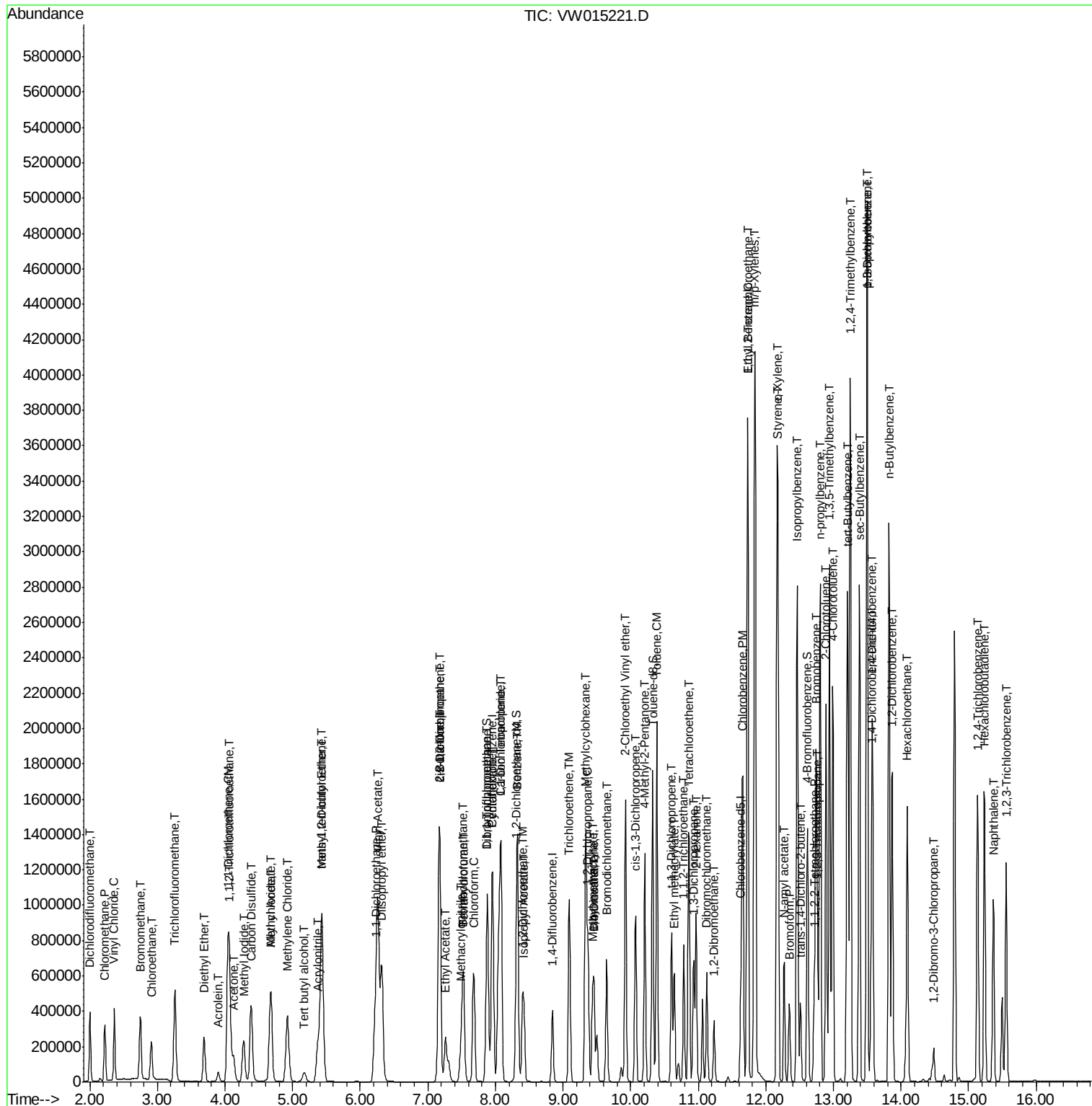
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	556669	164.004	ug/l	97
94) Hexachlorobutadiene	15.23	225	356489	182.046	ug/l	99
95) Naphthalene	15.36	128	908394	139.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	458585	157.433	ug/l	94

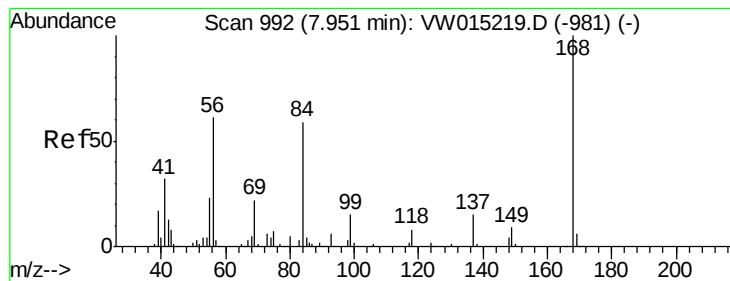
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Acq On : 20 Apr 2020 14:06
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Apr 20 14:32:58 2020
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Quant Title : SW846 8260
QLast Update : Mon Apr 20 13:45:45 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

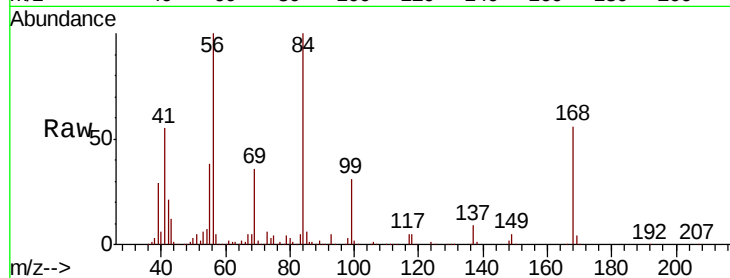
VSTDIC150

Tot Ion:168 Resp: 246759

Ion Ratio Lower Upper

168 100

99 55.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): VW015219.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW015219.D (-981) (-)

150000

100000

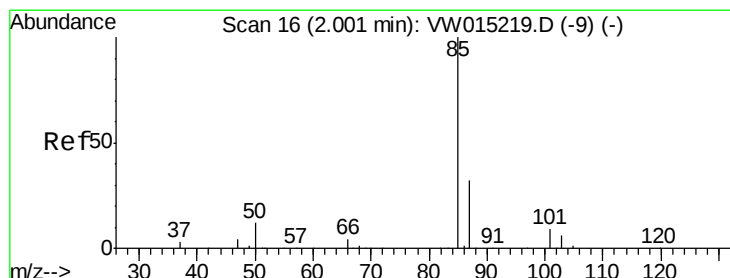
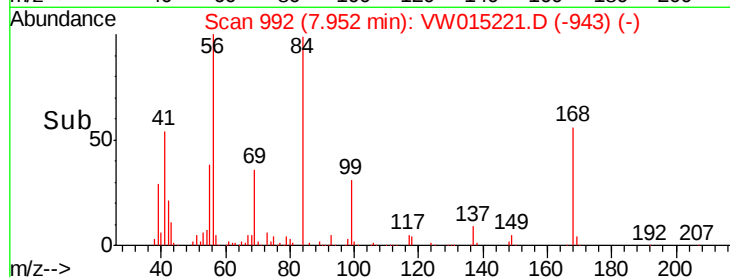
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 179.602 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015221.D

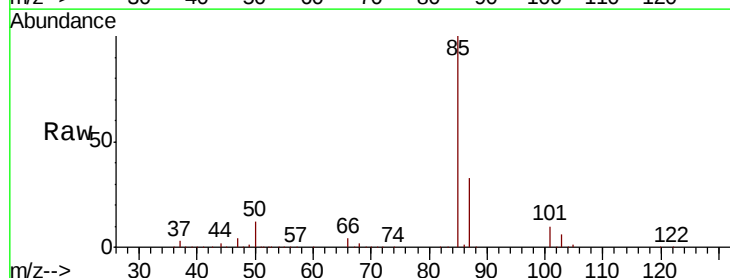
Acq: 20 Apr 2020 14:06

Tgt Ion: 85 Resp: 289007

Ion Ratio Lower Upper

85 100

87 32.5 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW015219.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VW015219.D (-9) (-)

250000

200000

150000

100000

50000

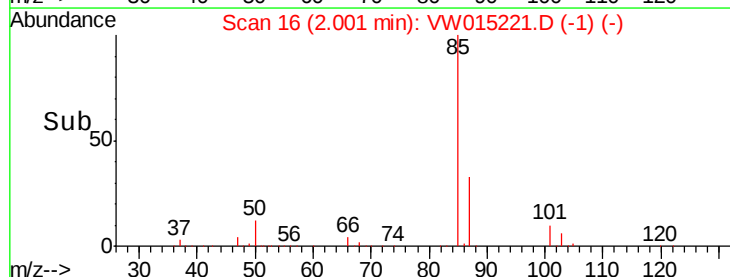
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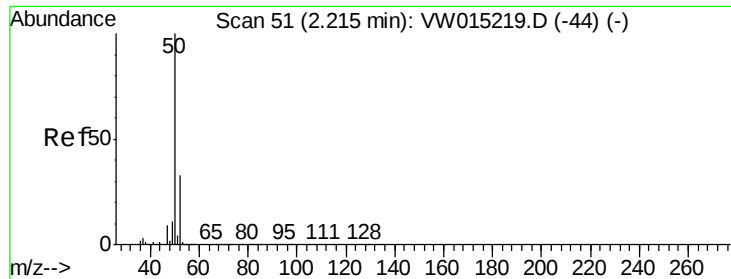
1.90

2.00

2.10

Time-->

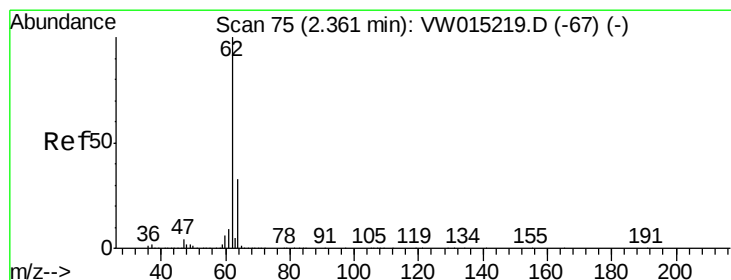
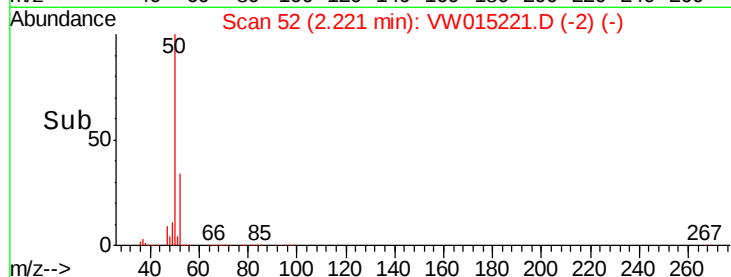
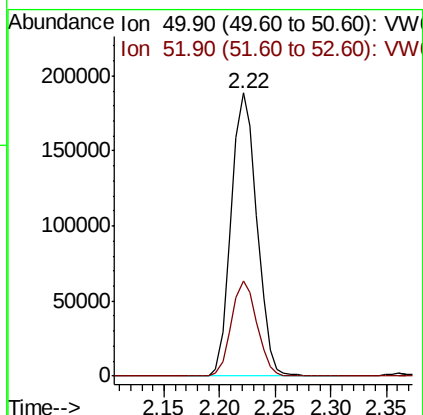
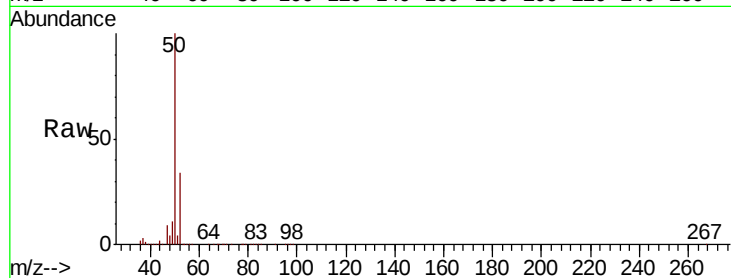




#3
Chloromethane
Concen: 138.707 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

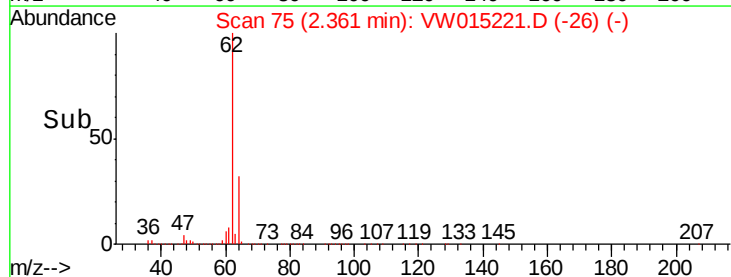
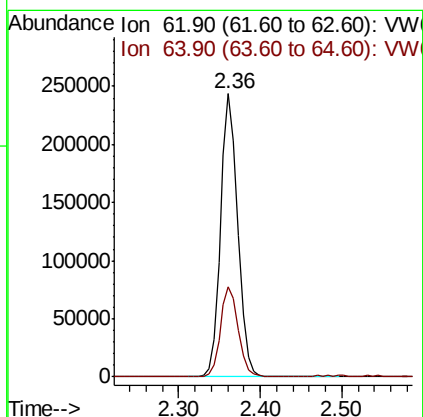
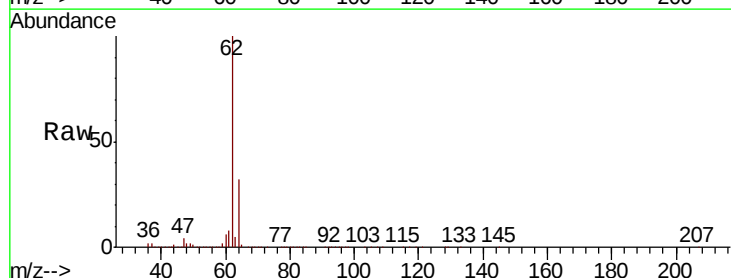
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

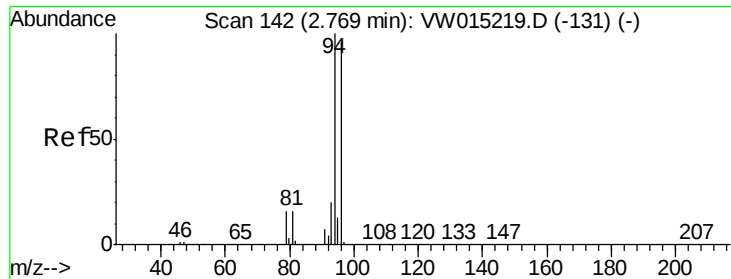
Tot Ion: 50 Resp: 302037
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7



#4
Vinyl Chloride
Concen: 139.912 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 62 Resp: 358763
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5

Bromomethane

Concen: 186.349 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

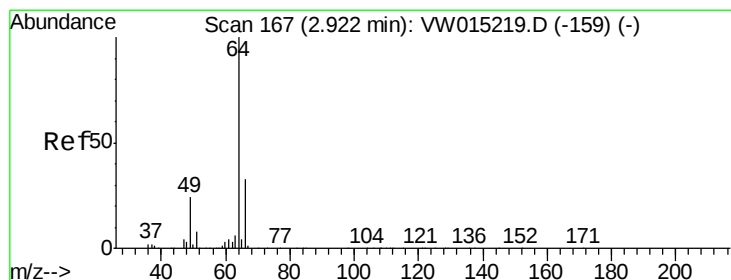
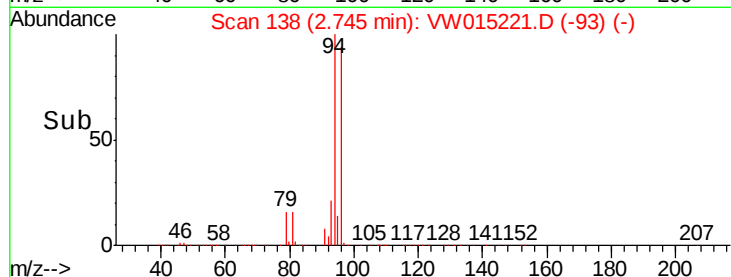
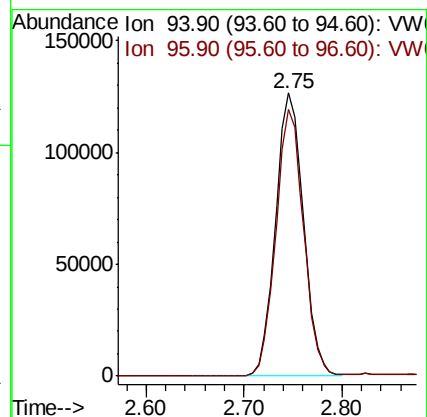
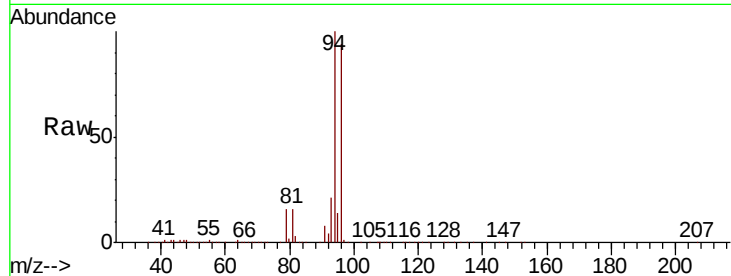
VSTDIC150

Tot Ion: 94 Resp: 251553

Ion Ratio Lower Upper

94 100

96 94.1 70.4 105.6



#6

Chloroethane

Concen: 168.113 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW015221.D

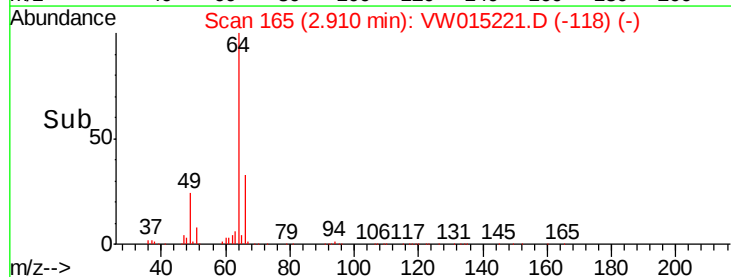
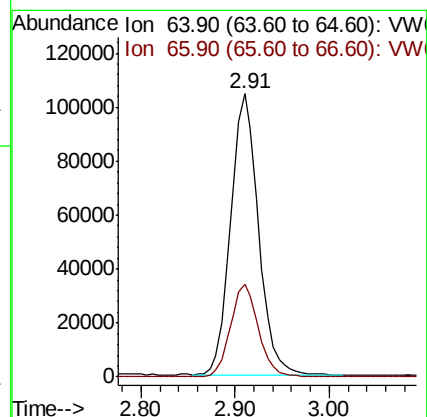
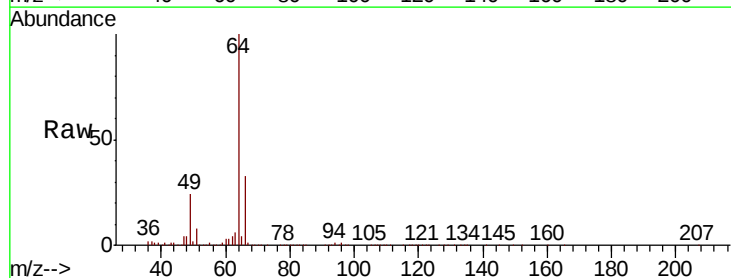
Acq: 20 Apr 2020 14:06

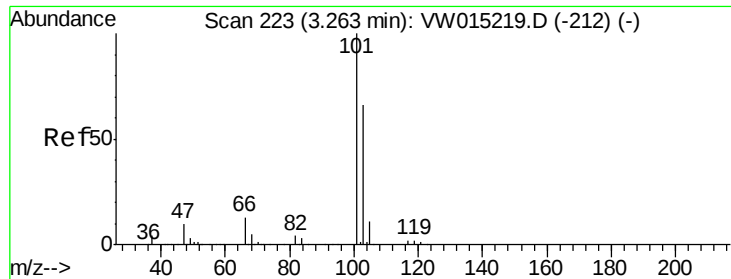
Tgt Ion: 64 Resp: 212640

Ion Ratio Lower Upper

64 100

66 32.9 25.8 38.6



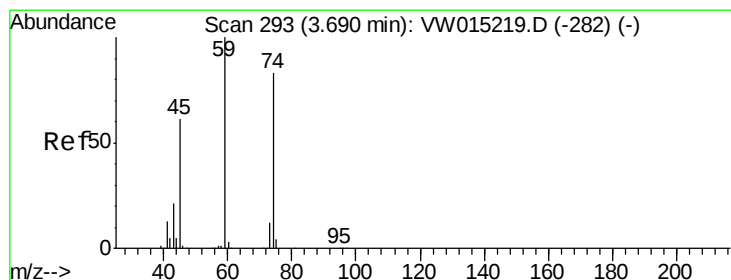
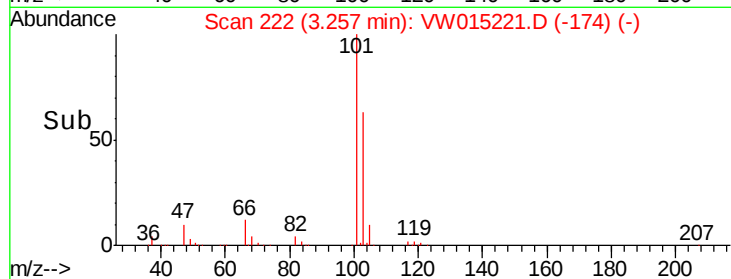
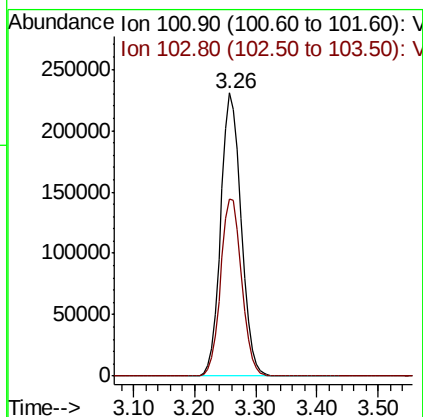
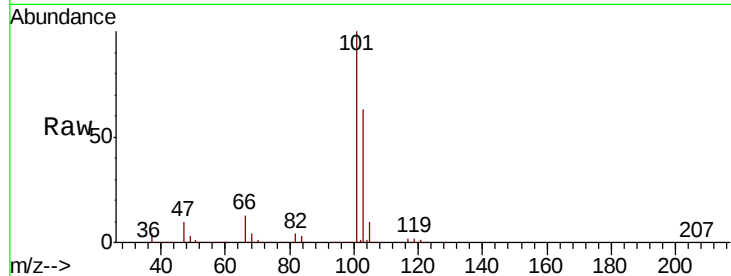


#7

Trichlorofluoromethane
 Concen: 325.752 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

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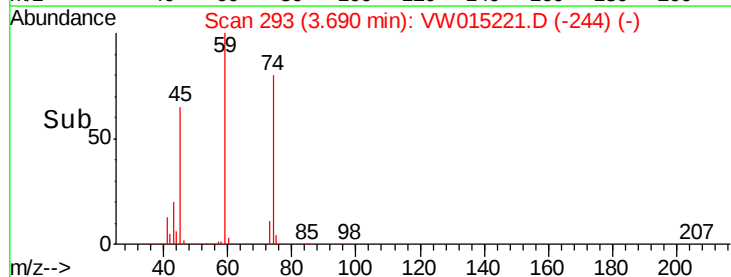
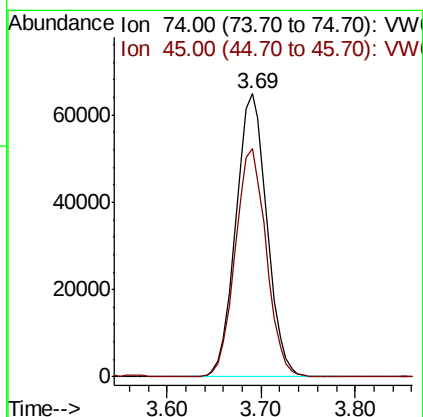
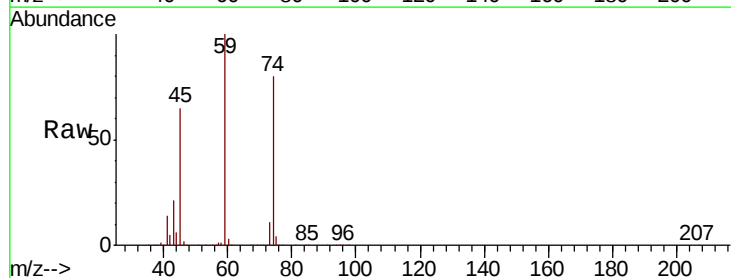
Tot Ion:101 Resp: 535241
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.3 76.9

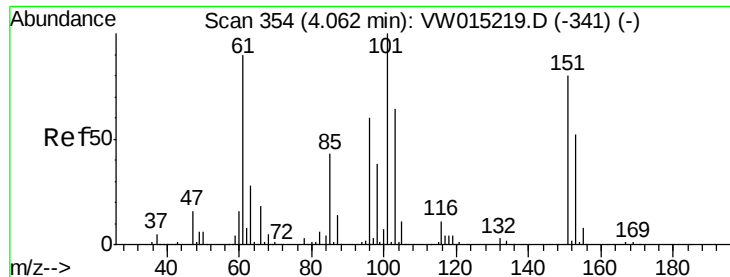


#8

Diethyl Ether
 Concen: 117.856 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 74 Resp: 149288
 Ion Ratio Lower Upper
 74 100
 45 80.2 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 130.592 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

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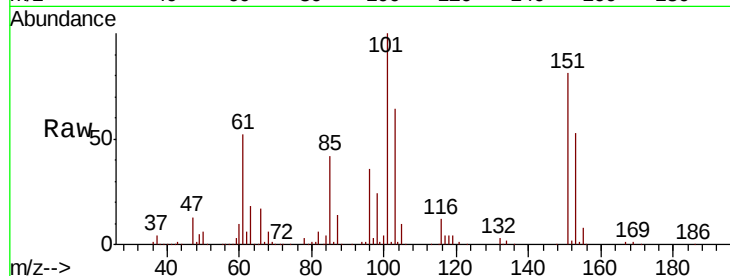
Tot Ion:101 Resp: 326084

Ion Ratio Lower Upper

101 100

85 43.2 35.3 52.9

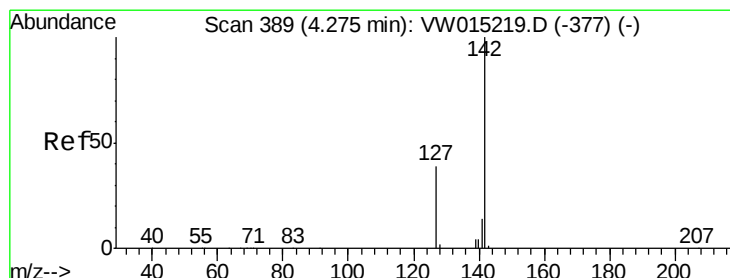
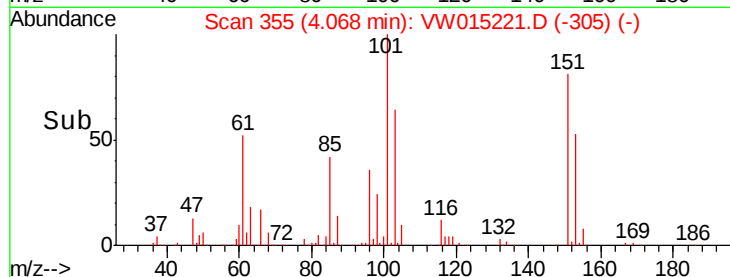
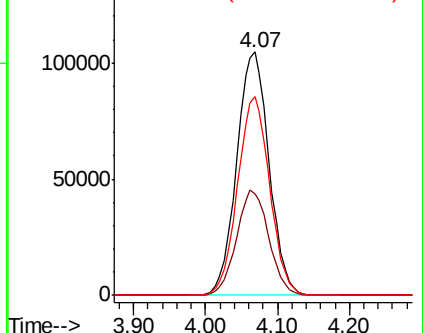
151 81.0 59.3 88.9



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: 106.145 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

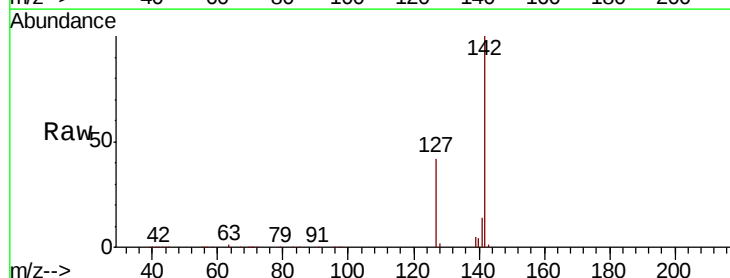
Tgt Ion:142 Resp: 395793

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

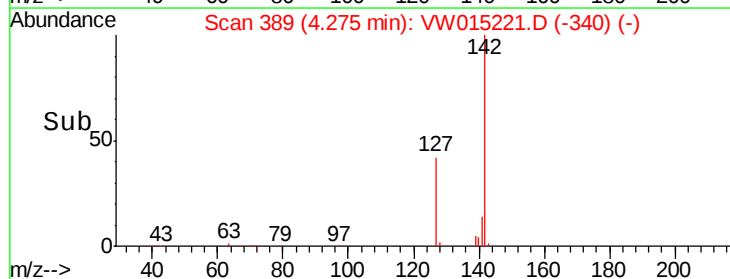
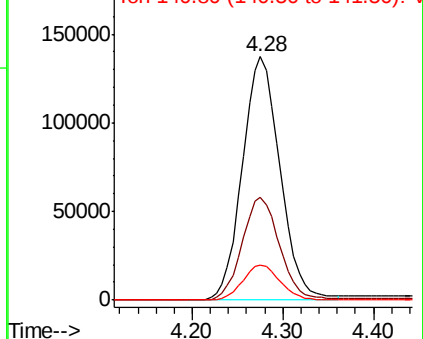
141 14.3 11.4 17.2

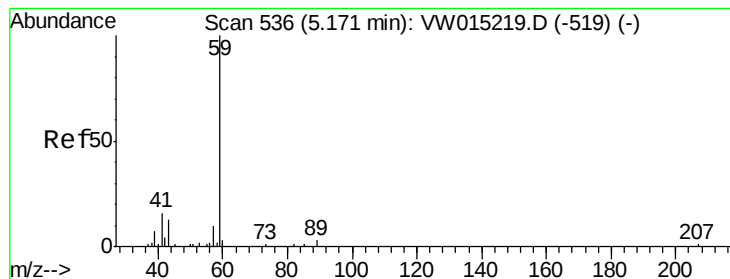


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 636.612 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

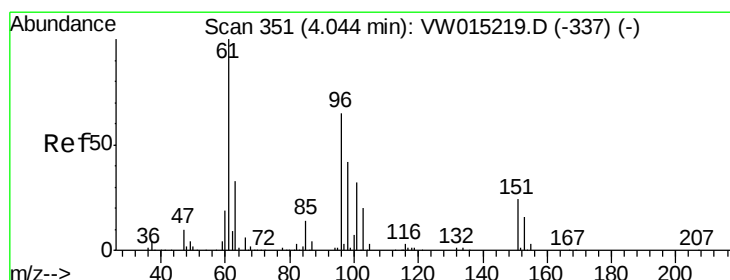
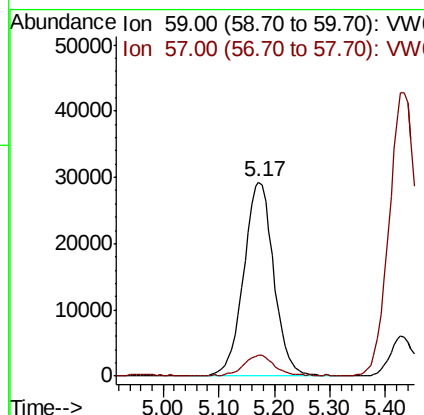
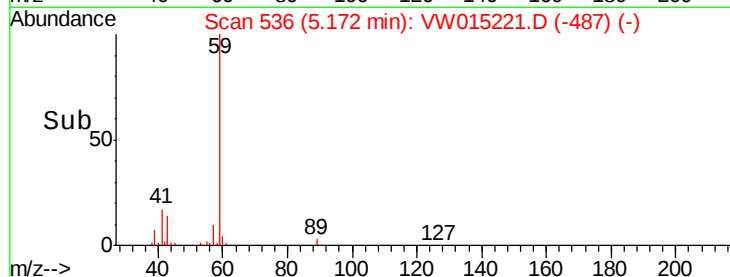
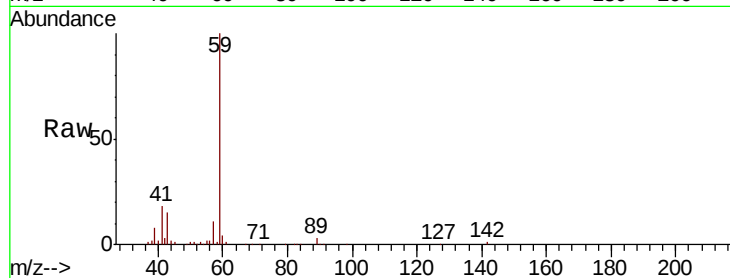
VSTDIC150

Tot Ion: 59 Resp: 110268

Ion Ratio Lower Upper

59 100

57 10.2 8.4 12.6



#12

1,1-Dichloroethene

Concen: 120.769 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

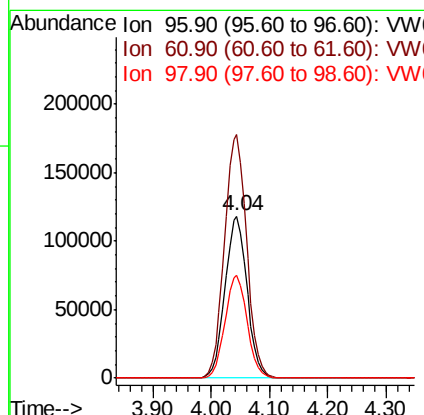
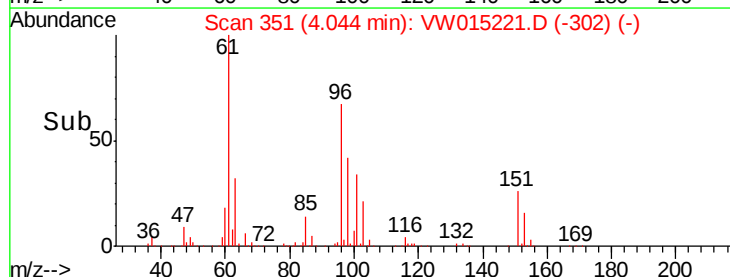
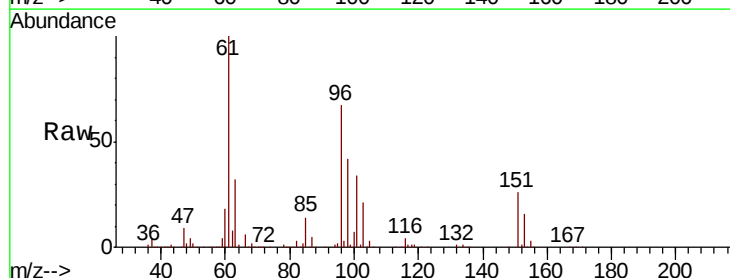
Tgt Ion: 96 Resp: 310572

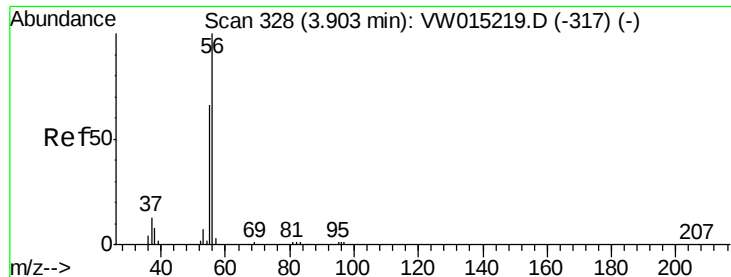
Ion Ratio Lower Upper

96 100

61 150.1 127.0 190.4

98 63.5 51.0 76.4

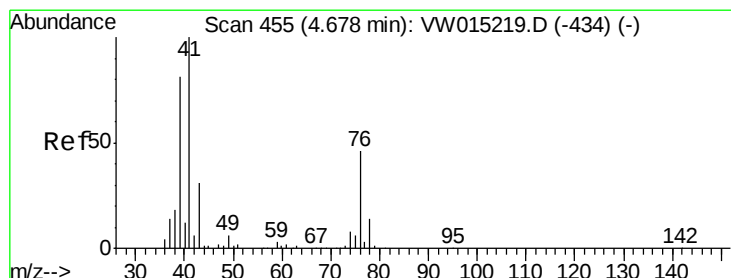
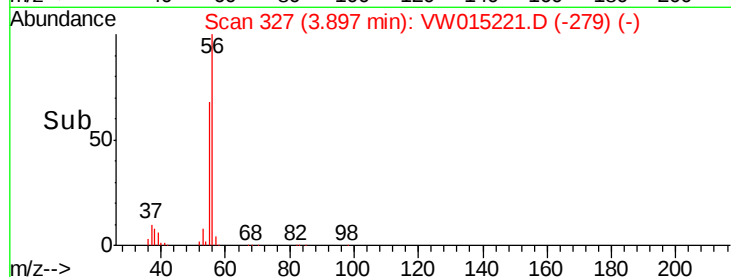
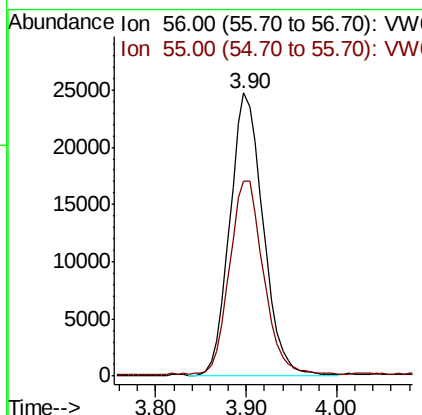
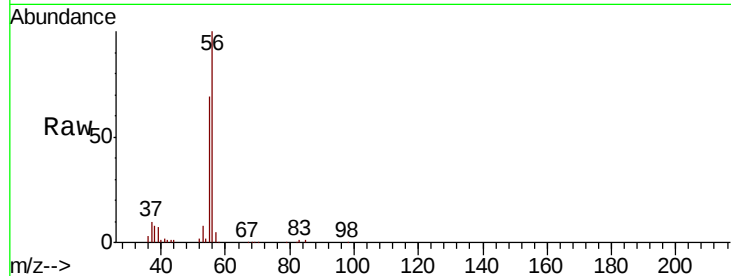




#13
Acrolein
Concen: 347.195 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

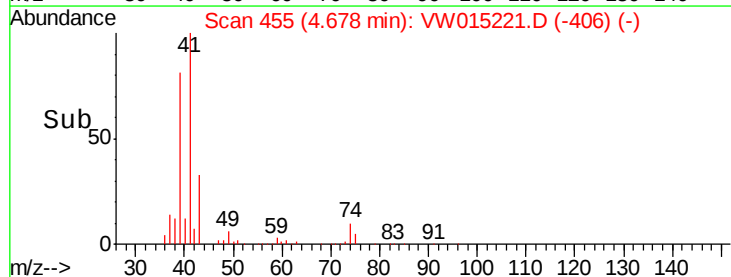
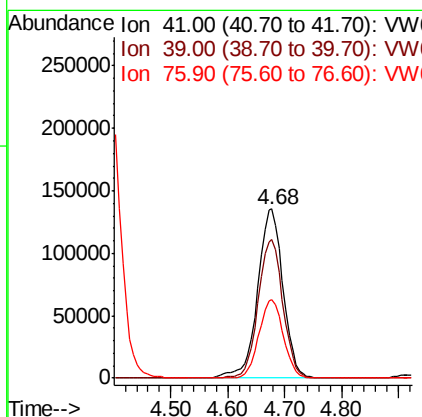
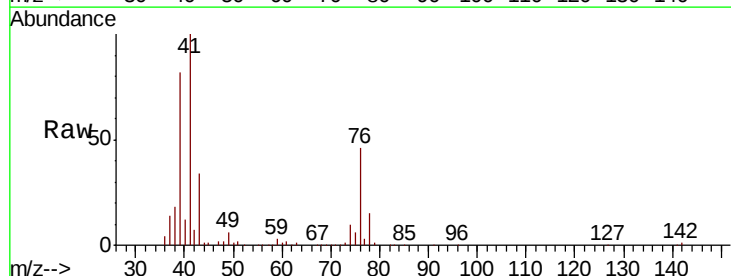
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

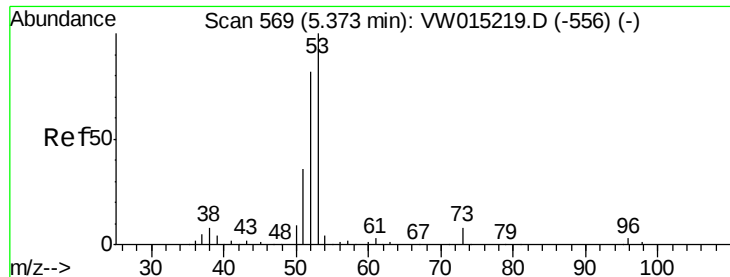
Tot Ion: 56 Resp: 62521
Ion Ratio Lower Upper
56 100
55 69.5 56.2 84.2



#14
Allyl chloride
Concen: 109.689 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 41 Resp: 417284
Ion Ratio Lower Upper
41 100
39 79.9 54.0 81.0
76 44.5 31.8 47.6





#15

Acrylonitrile

Concen: 535.055 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

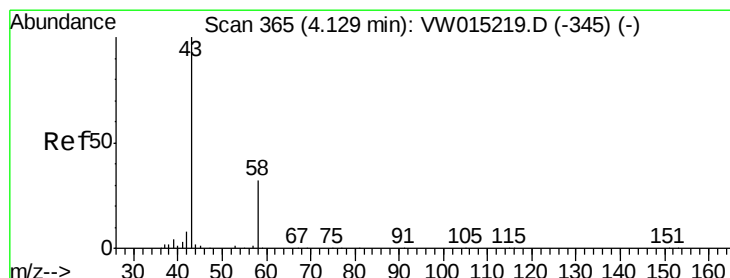
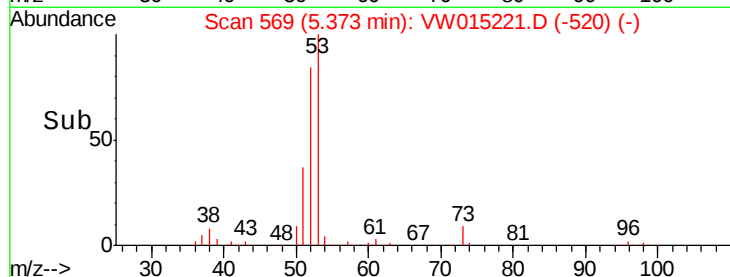
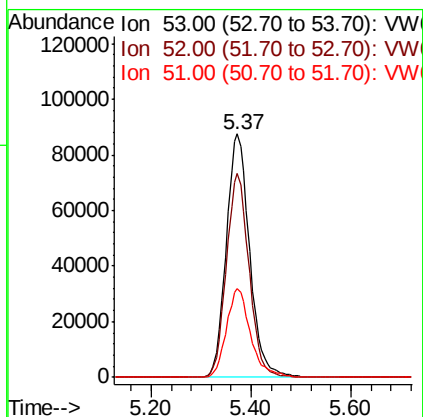
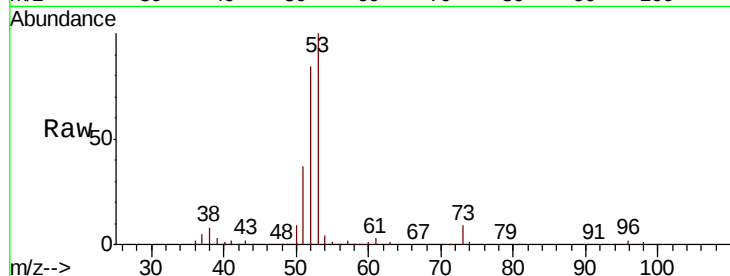
Tot Ion: 53 Resp: 284443

Ion Ratio Lower Upper

53 100

52 81.3 65.2 97.8

51 37.7 28.2 42.4



#16

Acetone

Concen: 583.287 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015221.D

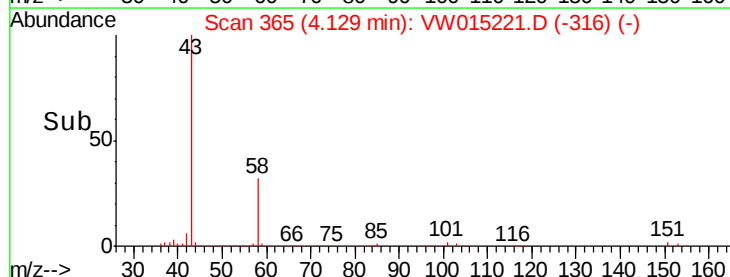
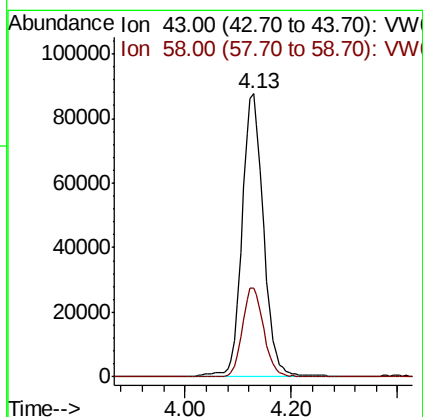
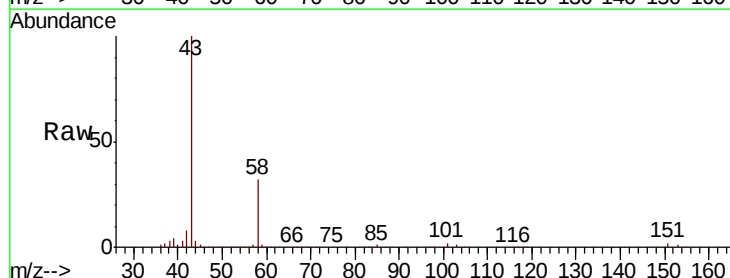
Acq: 20 Apr 2020 14:06

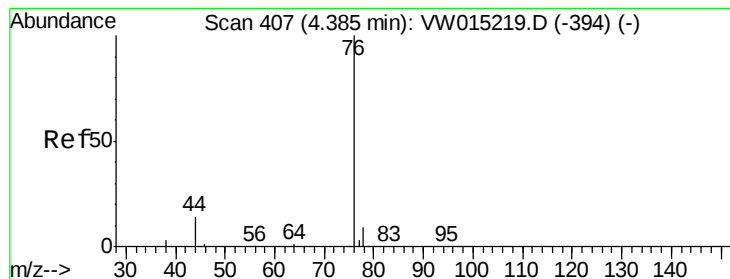
Tgt Ion: 43 Resp: 242405

Ion Ratio Lower Upper

43 100

58 31.5 27.0 40.4





#17

Carbon Disulfide

Concen: 116.691 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

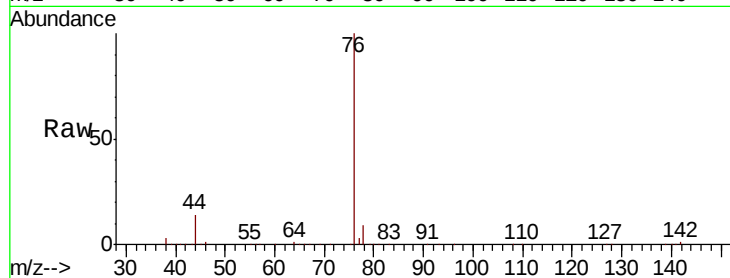
VSTDIC150

Tot Ion: 76 Resp: 913347

Ion Ratio Lower Upper

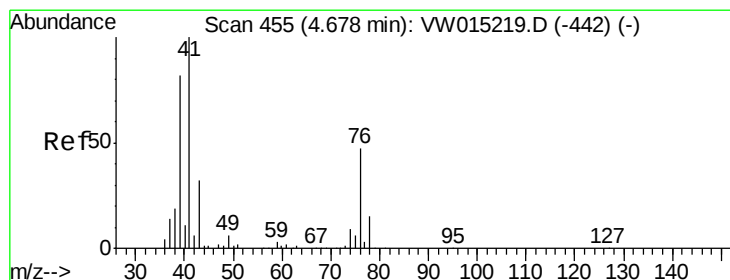
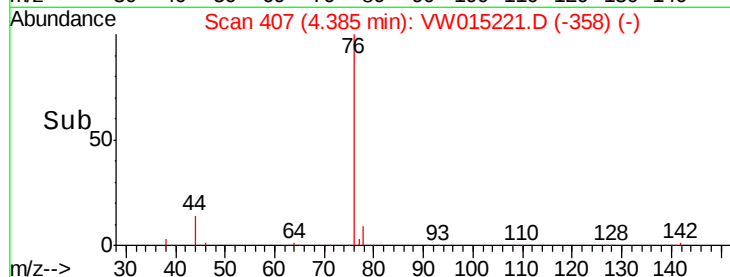
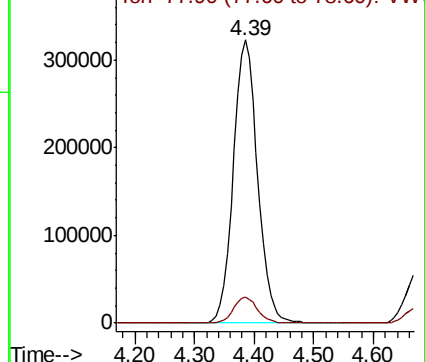
76 100

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: 105.881 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015221.D

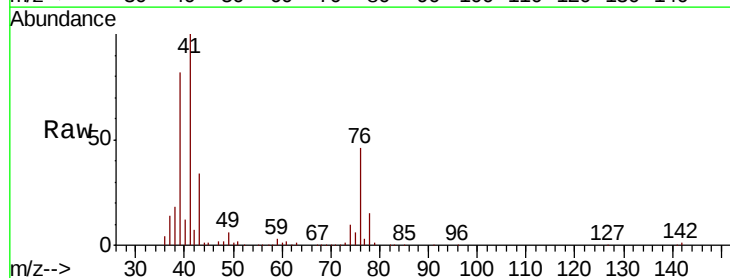
Acq: 20 Apr 2020 14:06

Tgt Ion: 43 Resp: 134556

Ion Ratio Lower Upper

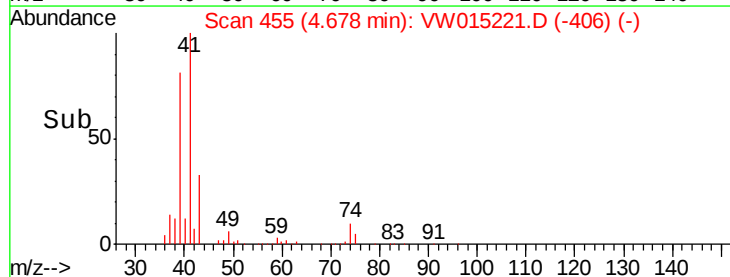
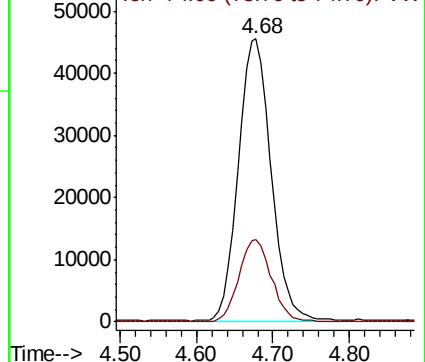
43 100

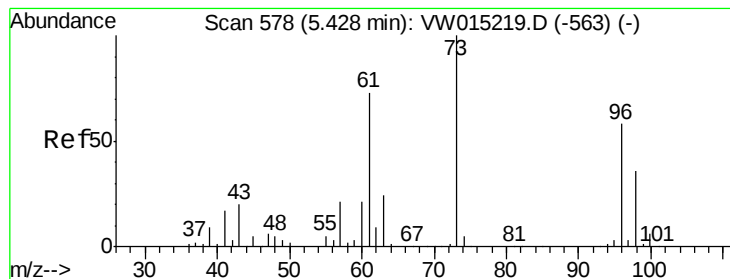
74 29.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



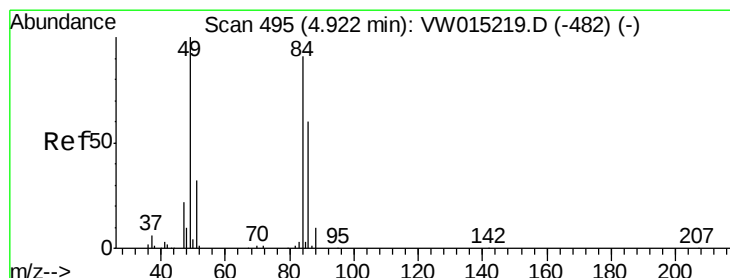
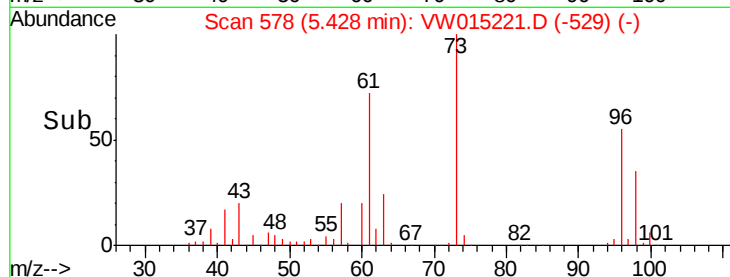
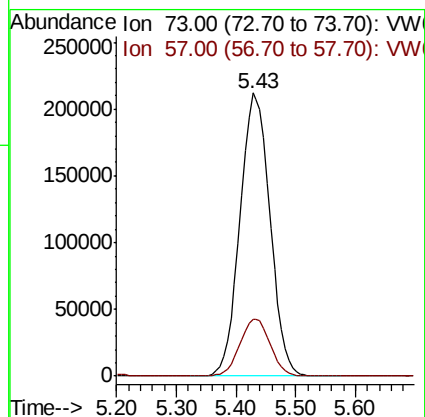
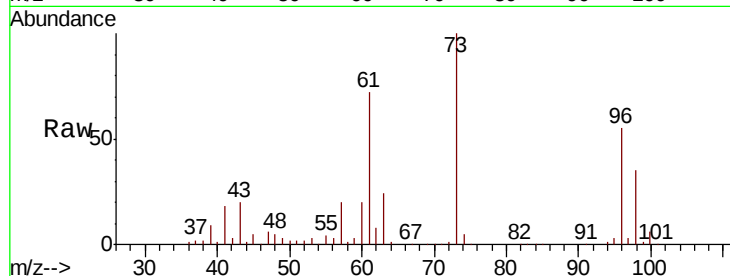


#19

Methyl tert-butyl Ether
 Concen: 220.611 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

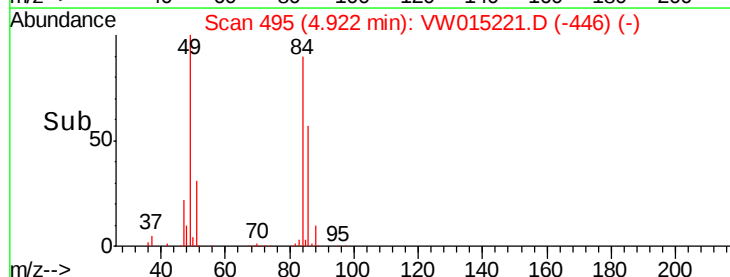
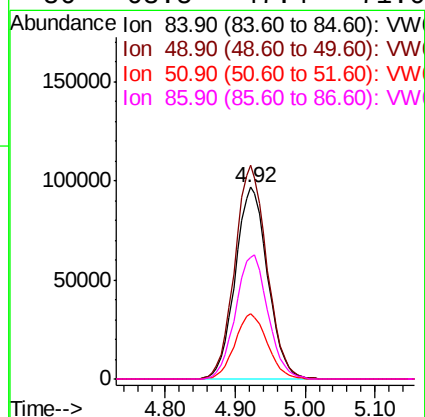
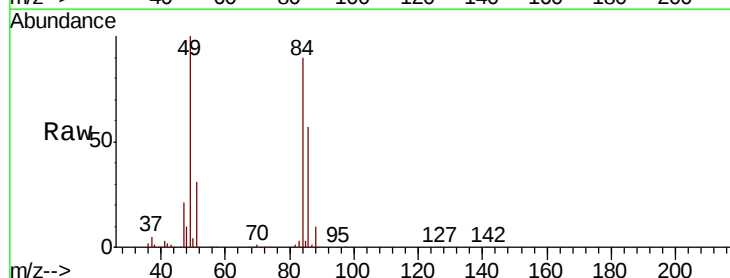
Tot Ion: 73 Resp: 743008
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.8 26.6

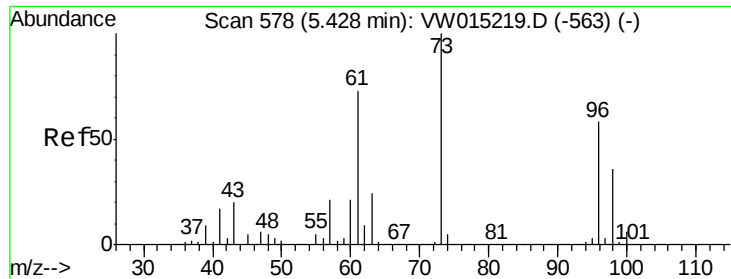


#20

Methylene Chloride
 Concen: 108.099 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 84 Resp: 311112
 Ion Ratio Lower Upper
 84 100
 49 111.6 95.4 143.0
 51 34.1 29.8 44.8
 86 63.5 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 131.505 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

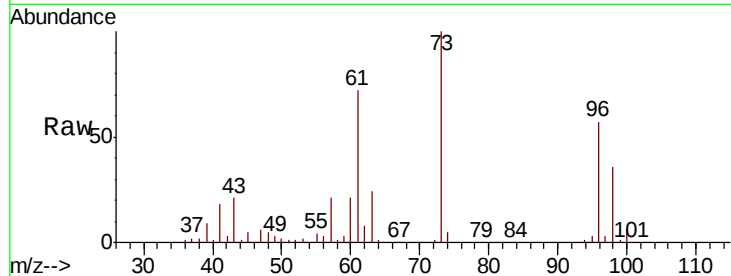
Tot Ion: 96 Resp: 356816

Ion Ratio Lower Upper

96 100

61 126.8 107.8 161.6

98 63.6 50.2 75.2

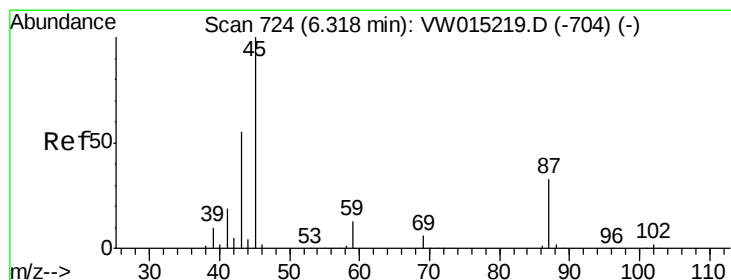
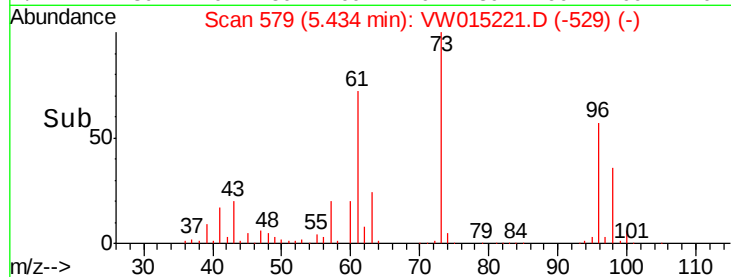
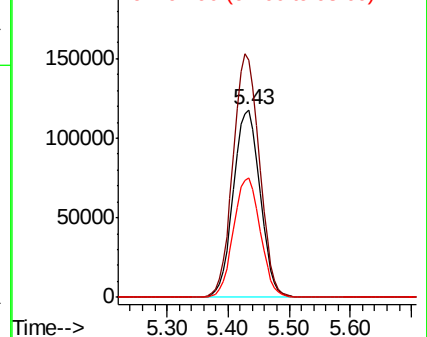


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 105.430 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Tgt Ion: 45 Resp: 808903

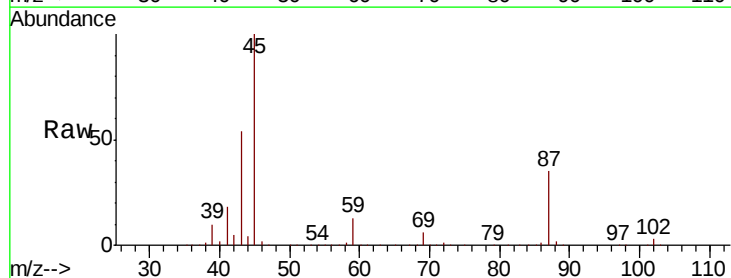
Ion Ratio Lower Upper

45 100

43 54.0 41.8 62.6

87 34.5 23.2 34.8

59 12.9 9.6 14.4



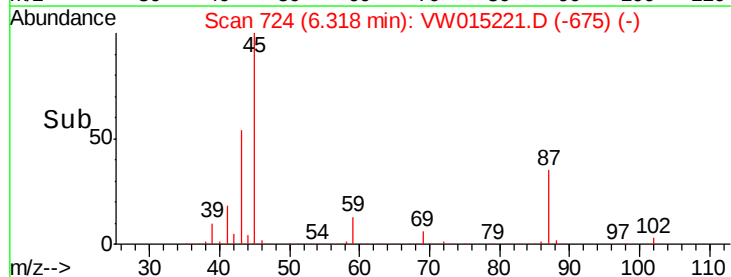
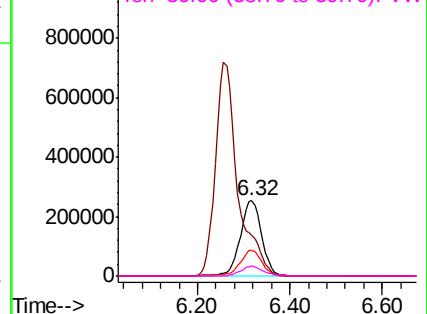
Abundance

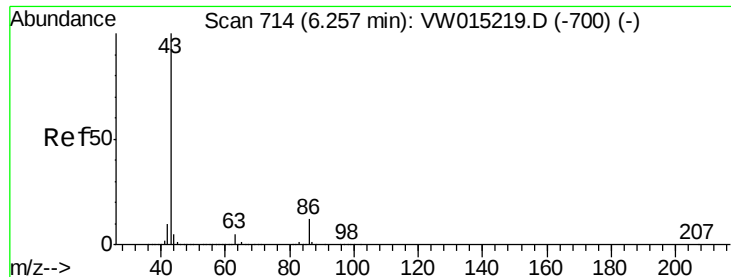
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 541.874 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

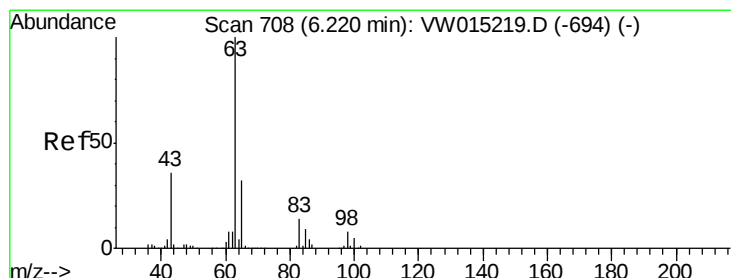
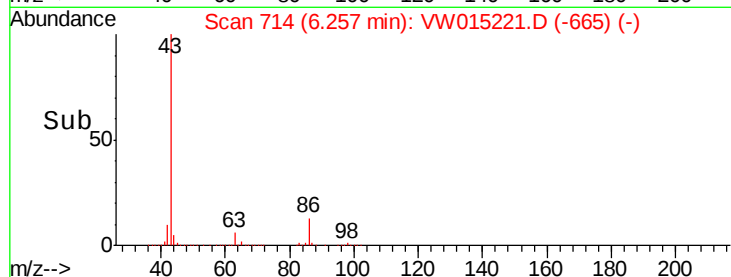
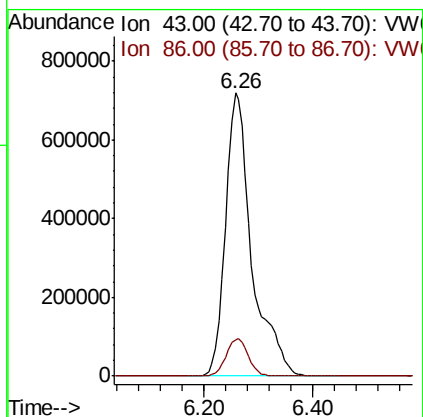
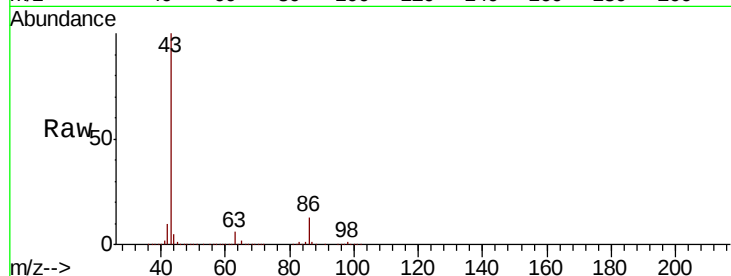
VSTDIC150

Tot Ion: 43 Resp: 2414449

Ion Ratio Lower Upper

43 100

86 12.9 9.1 13.7



#24

1,1-Dichloroethane

Concen: 123.827 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

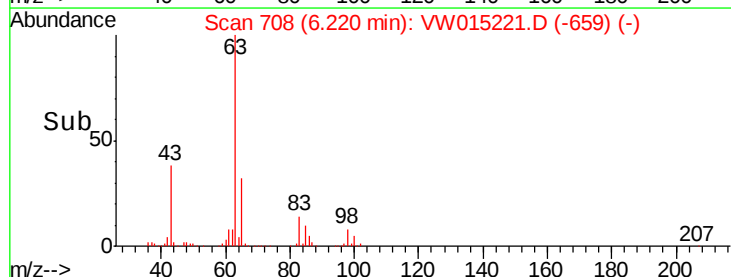
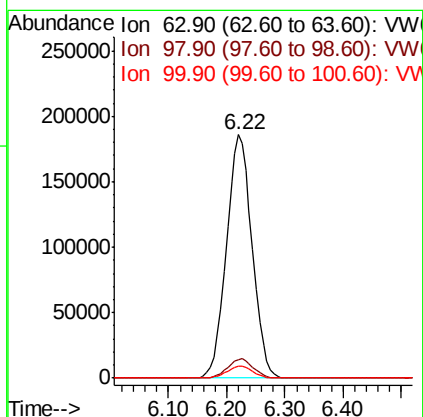
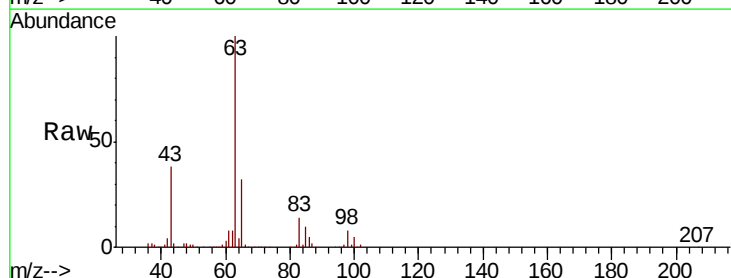
Tgt Ion: 63 Resp: 564841

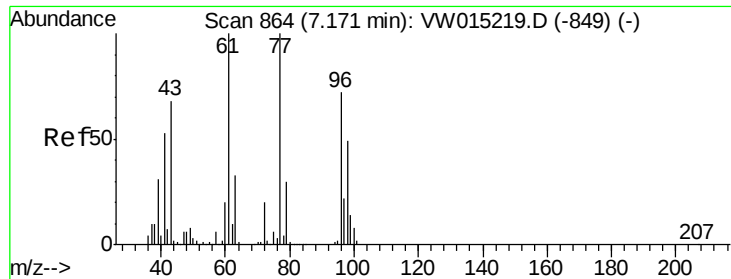
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 531.623 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

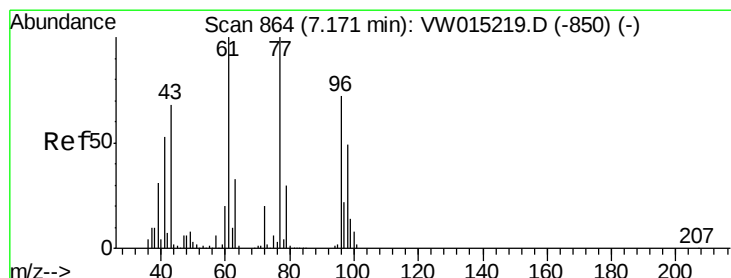
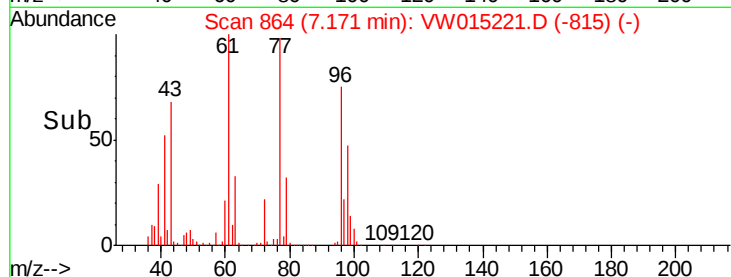
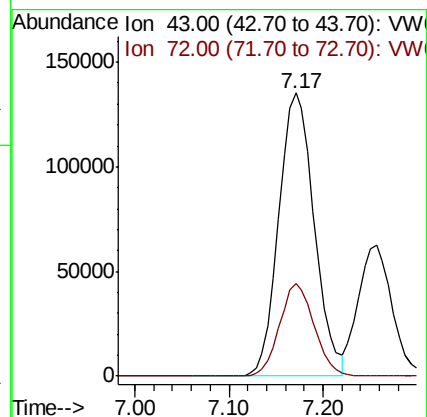
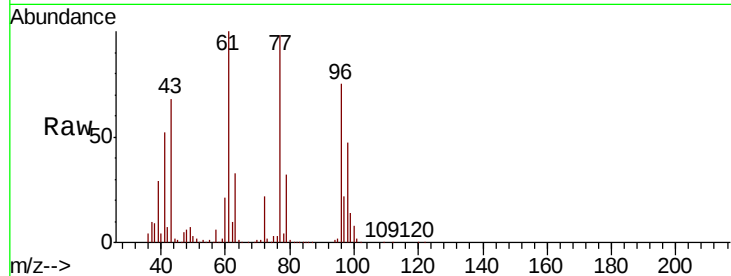
VSTDIC150

Tot Ion: 43 Resp: 353550

Ion Ratio Lower Upper

43 100

72 32.6 21.6 32.4#



#26

2,2-Dichloropropane

Concen: 188.838 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015221.D

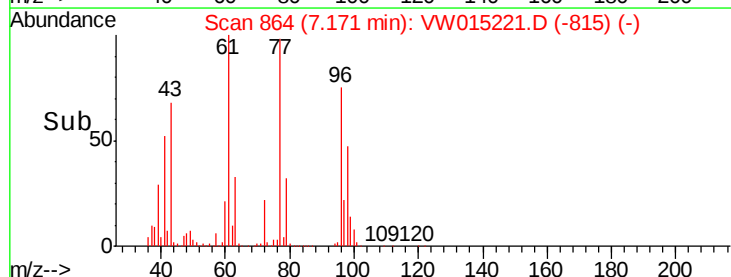
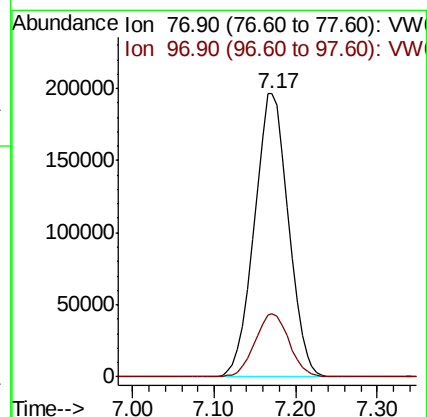
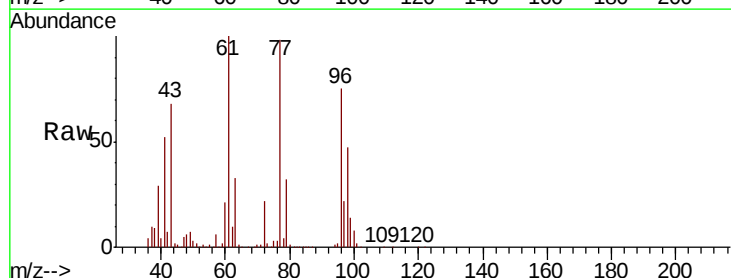
Acq: 20 Apr 2020 14:06

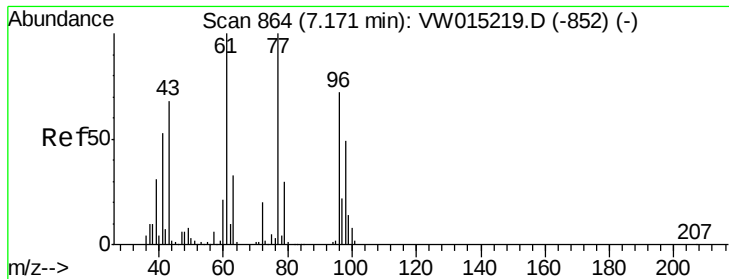
Tgt Ion: 77 Resp: 573277

Ion Ratio Lower Upper

77 100

97 22.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 133.223 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

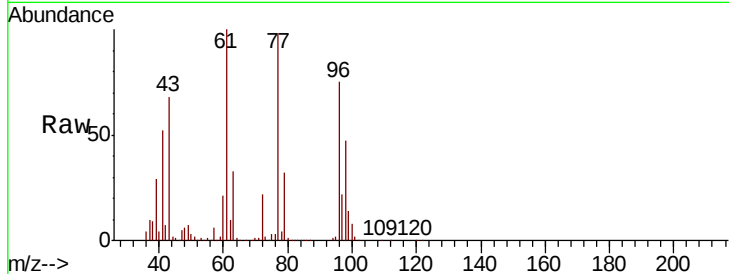
Tot Ion: 96 Resp: 389681

Ion Ratio Lower Upper

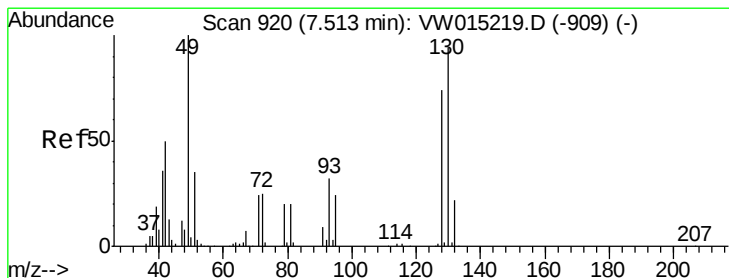
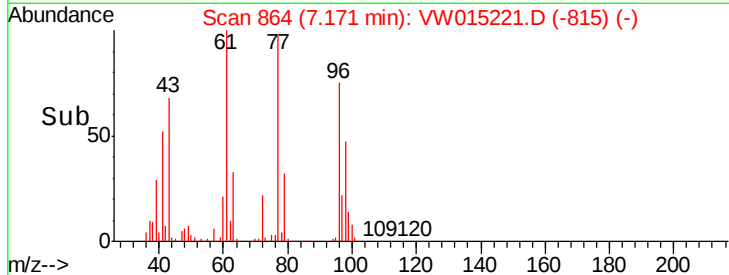
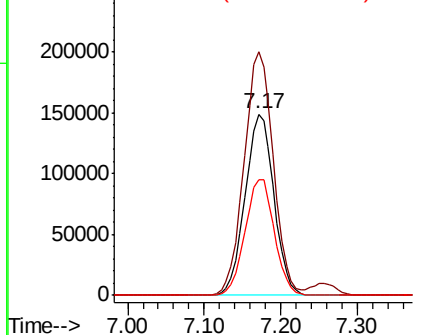
96 100

61 136.3 0.0 275.0

98 65.2 0.0 130.8



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



#28

Bromochloromethane

Concen: 102.946 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

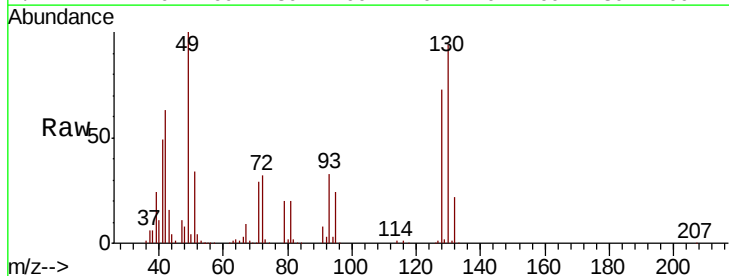
Tgt Ion: 49 Resp: 196260

Ion Ratio Lower Upper

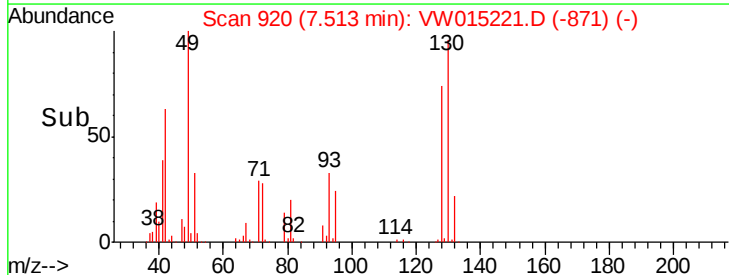
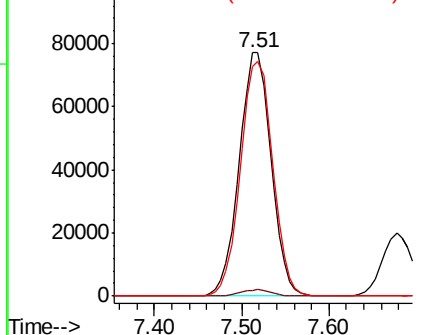
49 100

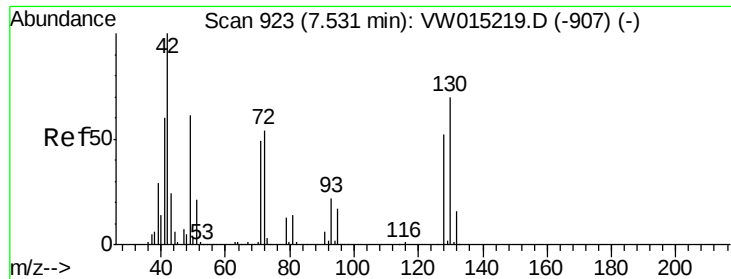
129 2.5 0.0 4.6

130 97.5 60.9 91.3#



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

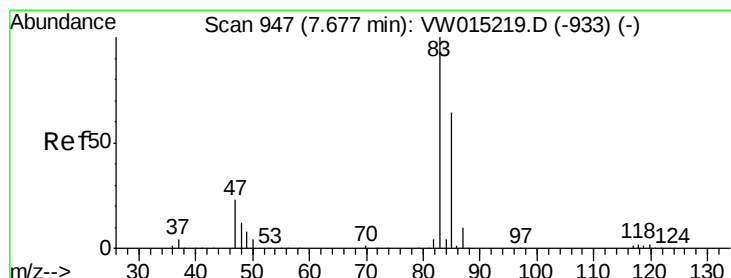
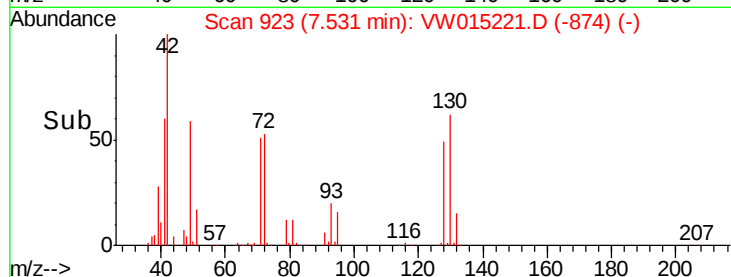
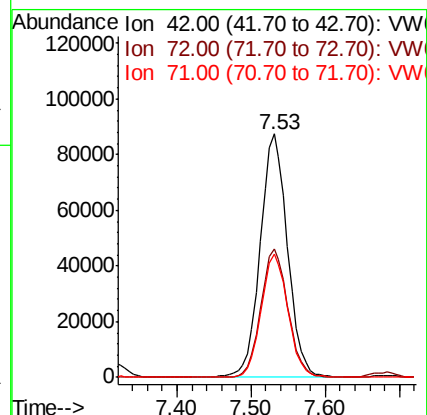
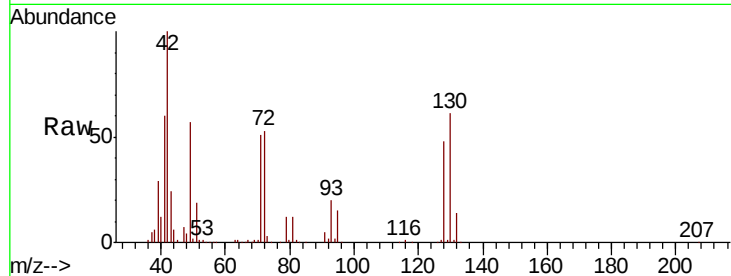




#29
Tetrahydrofuran
Concen: 514.205 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

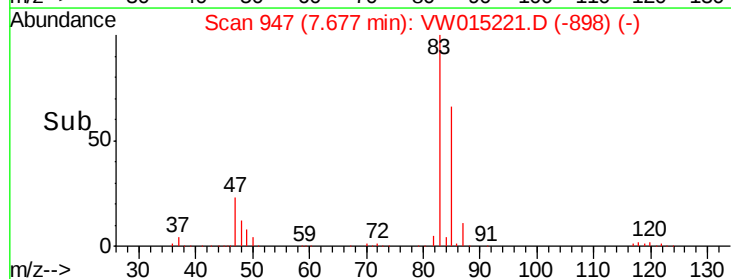
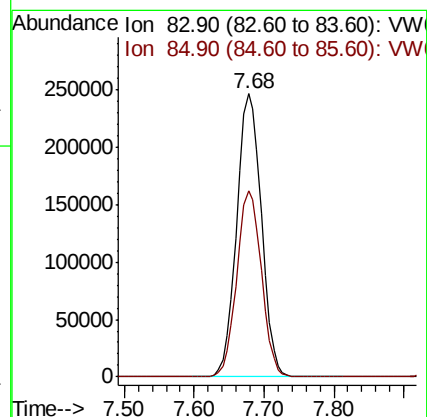
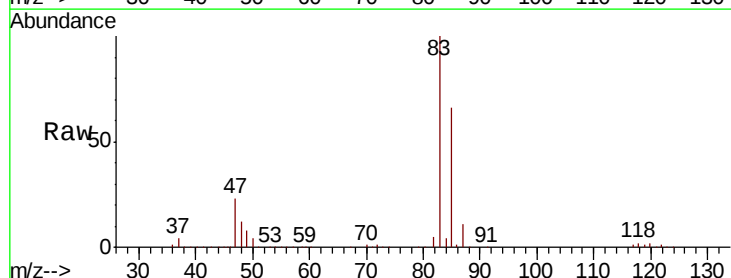
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

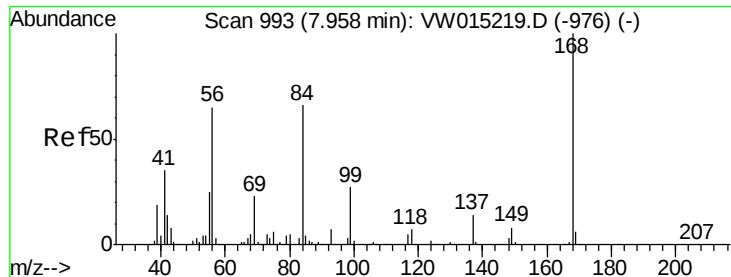
Tot Ion: 42 Resp: 224160
Ion Ratio Lower Upper
42 100
72 52.3 36.2 54.2
71 49.8 34.2 51.4



#30
Chloroform
Concen: 135.383 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 83 Resp: 604940
Ion Ratio Lower Upper
83 100
85 65.8 50.9 76.3

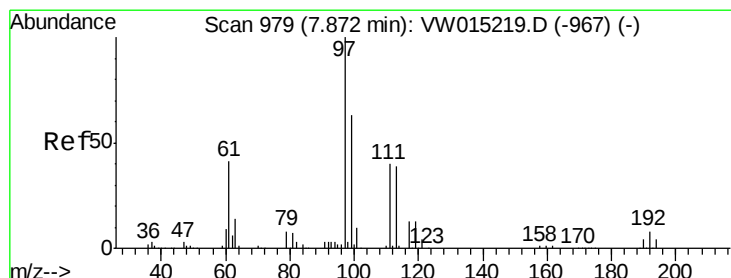
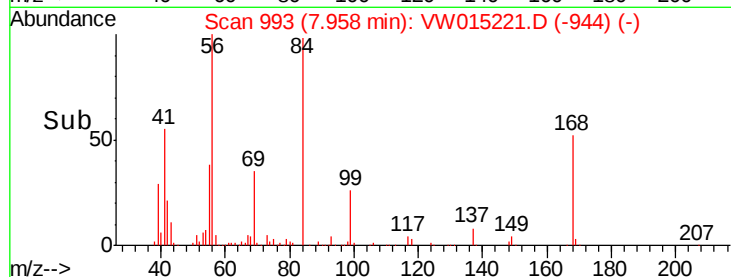
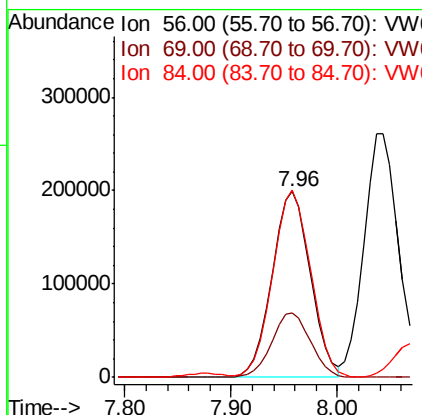
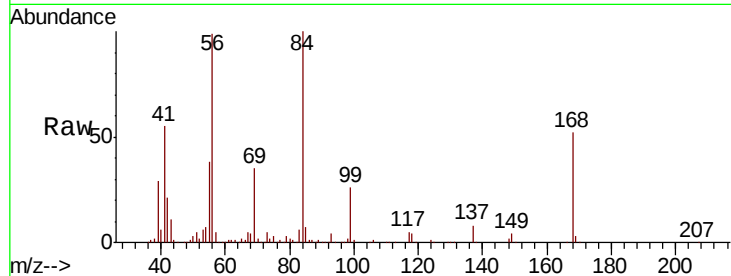




#31
Cvclohexane
Concen: 101.661 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

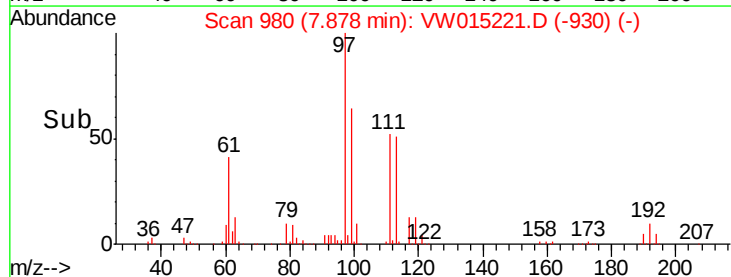
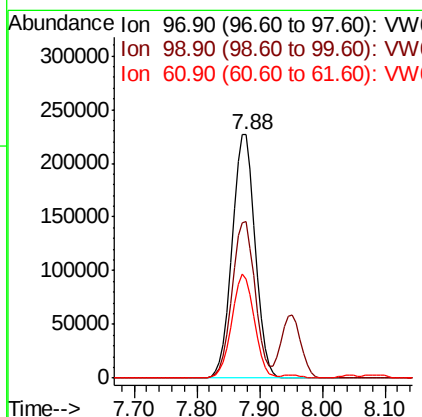
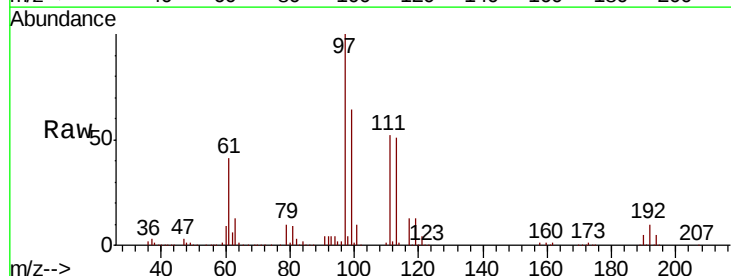
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

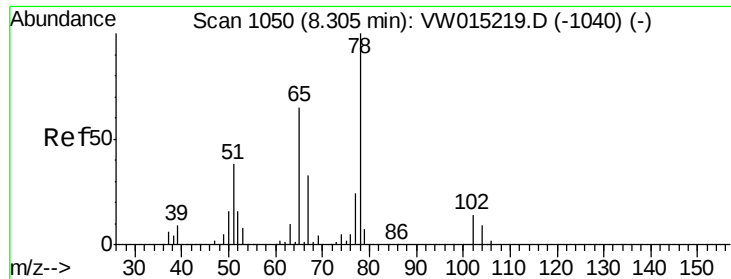
Tot Ion: 56 Resp: 495687
Ion Ratio Lower Upper
56 100
69 34.8 27.1 40.7
84 99.5 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 152.883 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 97 Resp: 575476
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 41.9 34.2 51.2

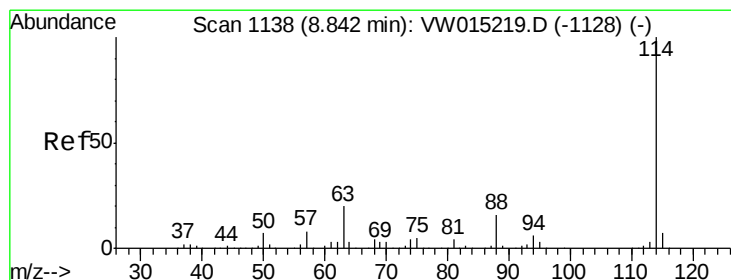
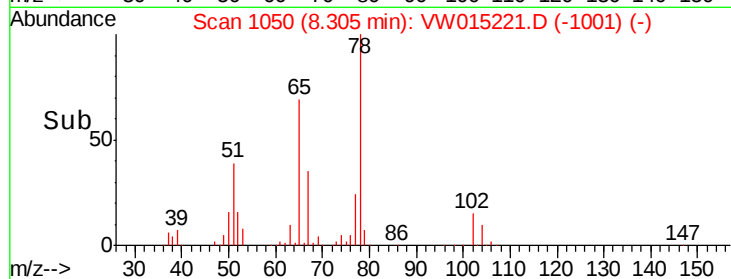
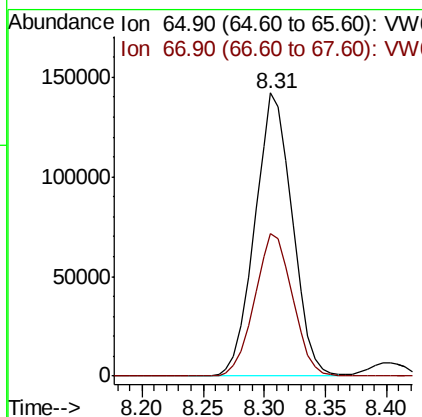
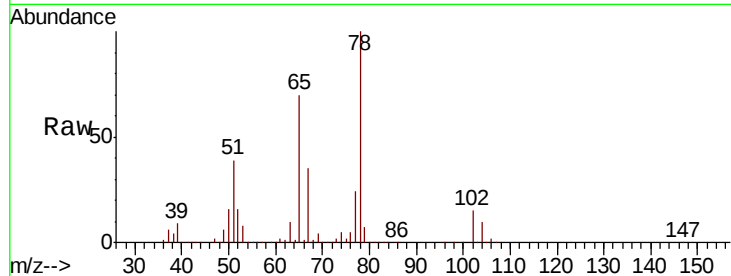




#33
 1,2-Dichloroethane-d4
 Concen: 129.487 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

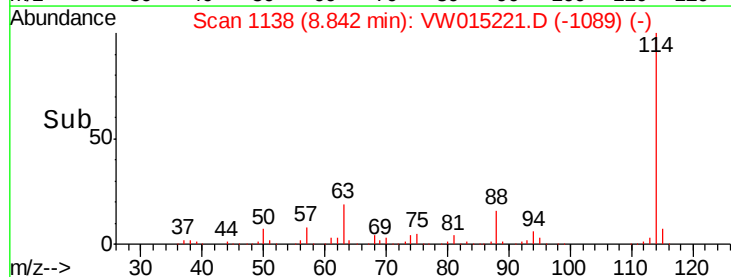
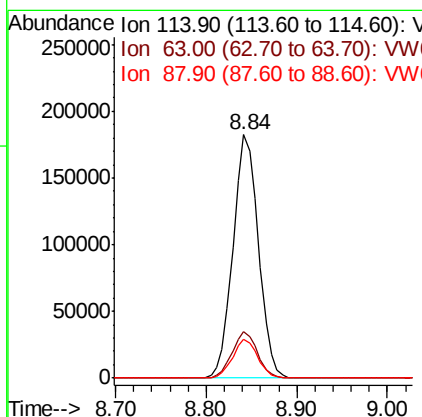
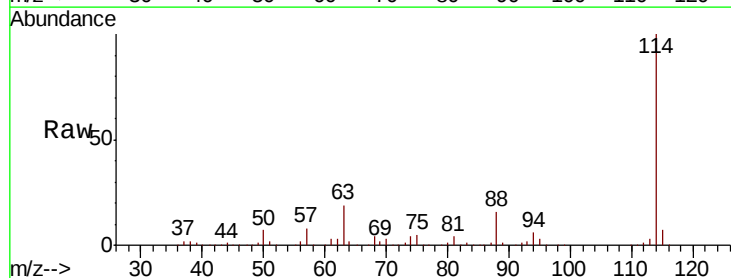
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

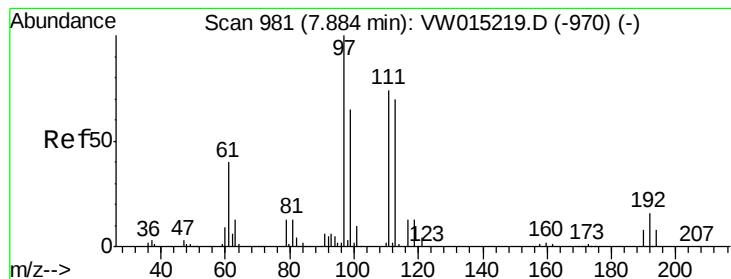
Tot Ion: 65 Resp: 302131
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 114 Resp: 354427
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 153.682 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

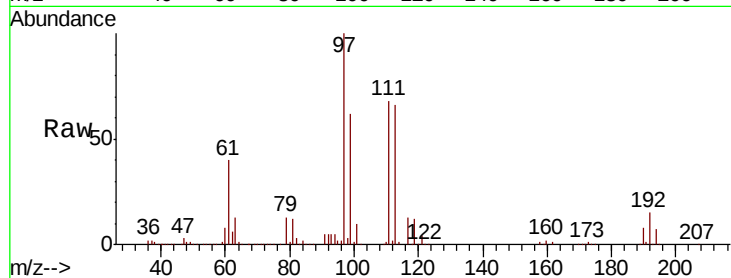
Tot Ion:113 Resp: 301218

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.4

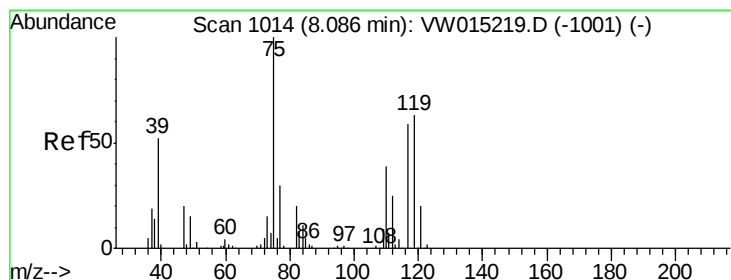
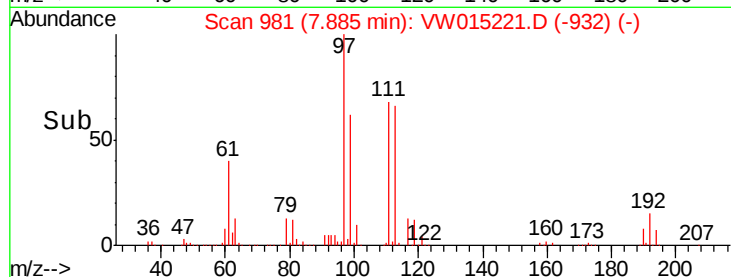
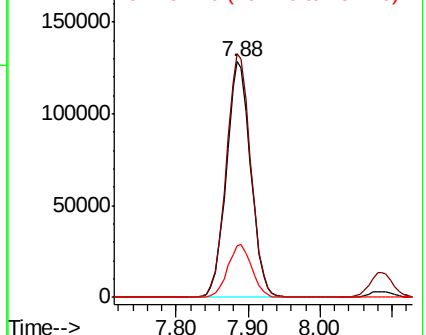
192 22.4 15.1 22.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 145.027 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

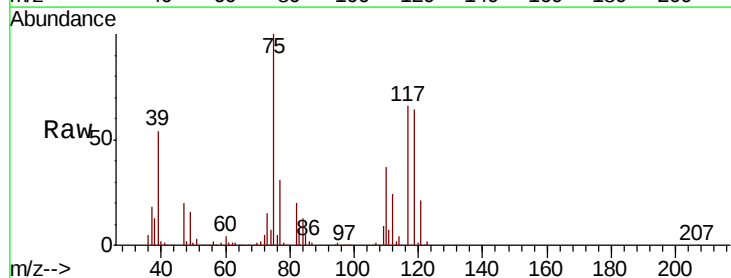
Tgt Ion: 75 Resp: 459197

Ion Ratio Lower Upper

75 100

110 37.4 18.2 54.6

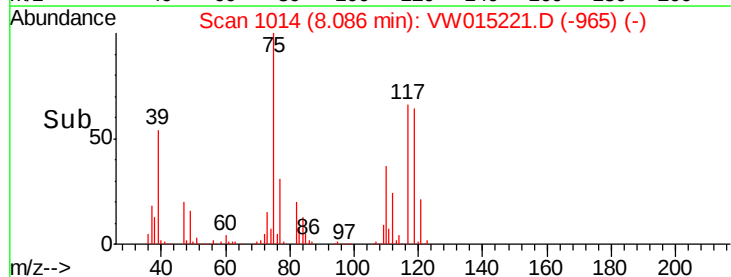
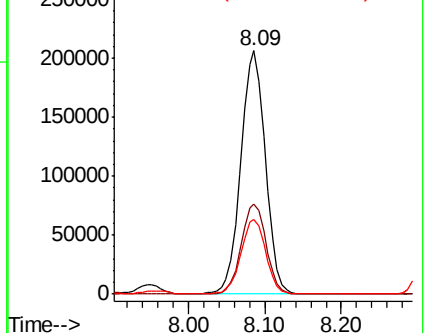
77 31.2 24.5 36.7

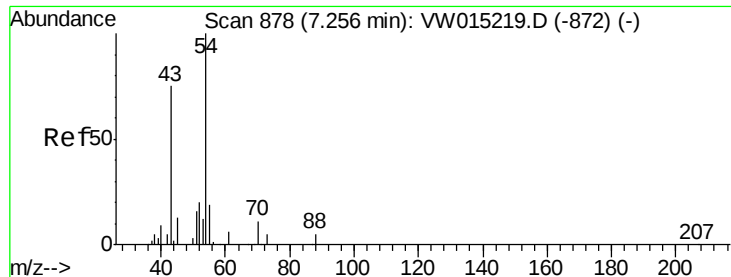


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

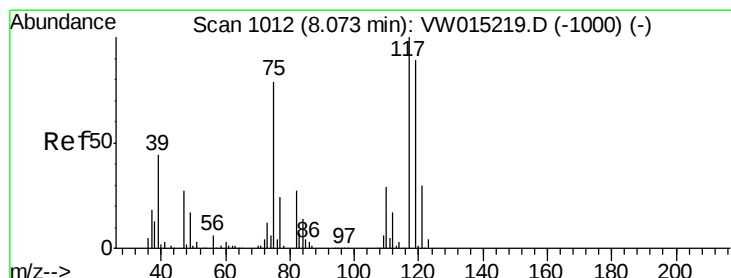
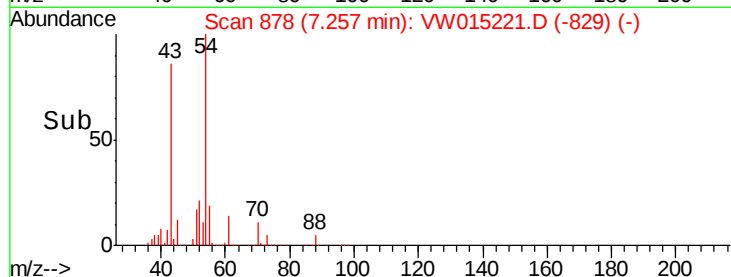
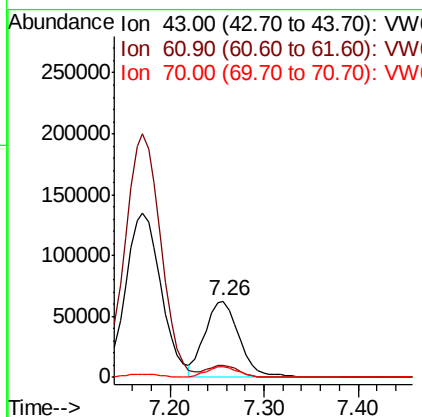
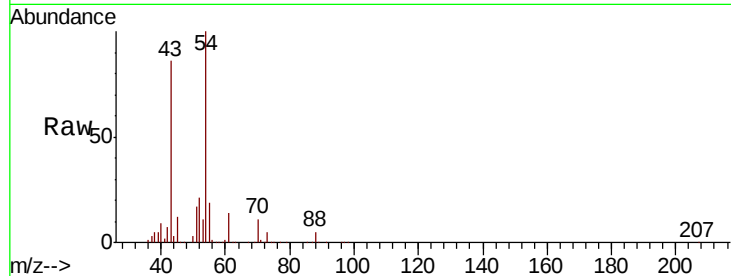




#37
Ethyl Acetate
Concen: 119.369 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

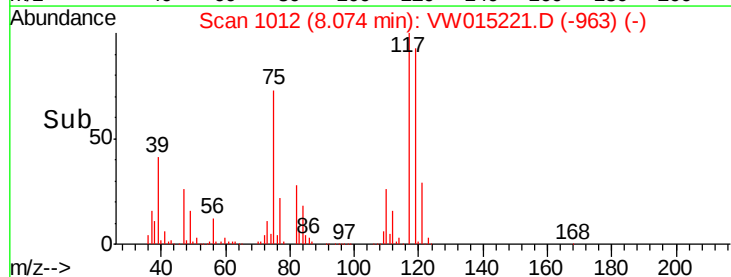
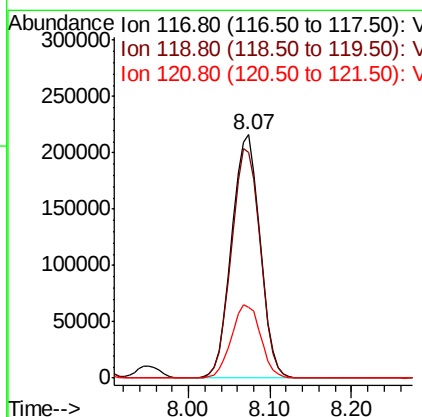
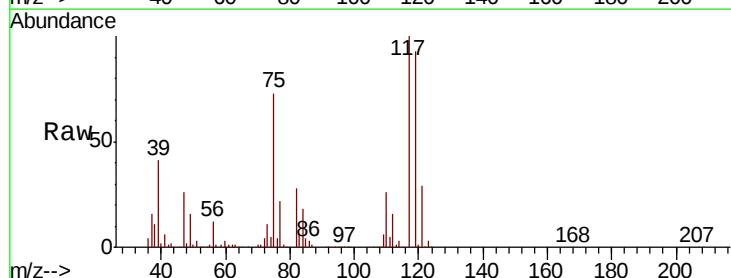
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

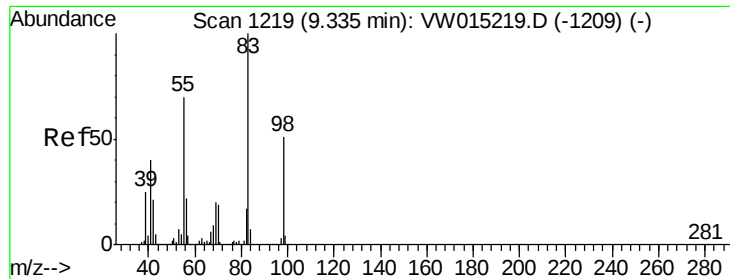
Tot Ion: 43 Resp: 157302
Ion Ratio Lower Upper
43 100
61 15.4 11.9 17.9
70 13.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 178.476 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 117 Resp: 519552
Ion Ratio Lower Upper
117 100
119 92.7 72.3 108.5
121 29.1 23.7 35.5

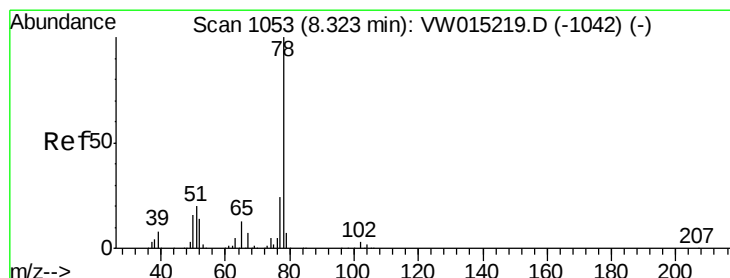
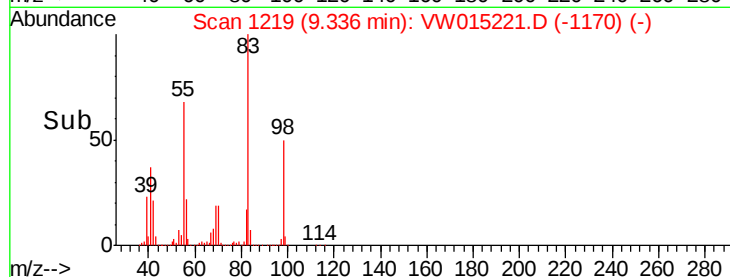
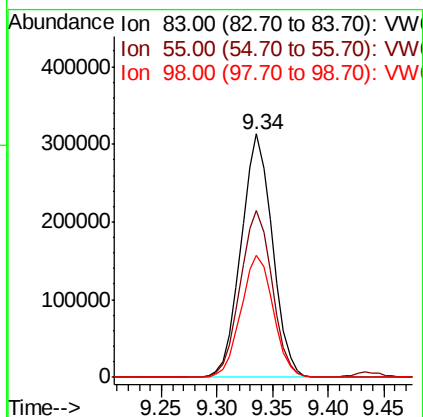
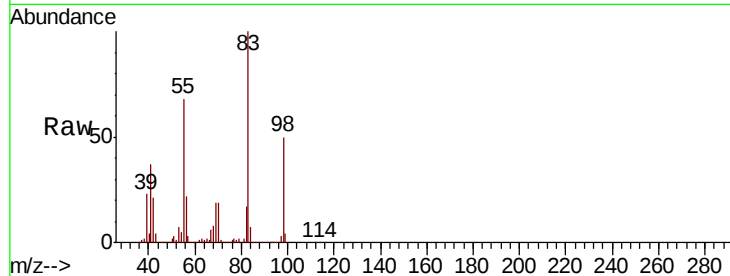




#39
Methvlcvclohexane
Concen: 143.892 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

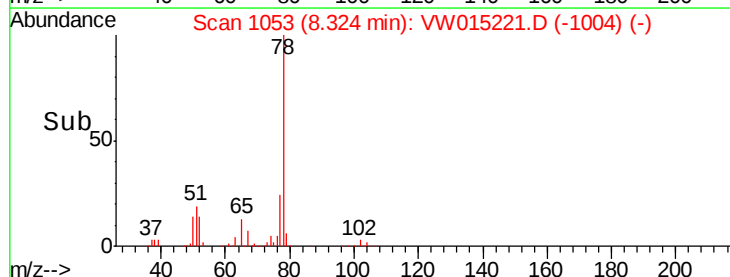
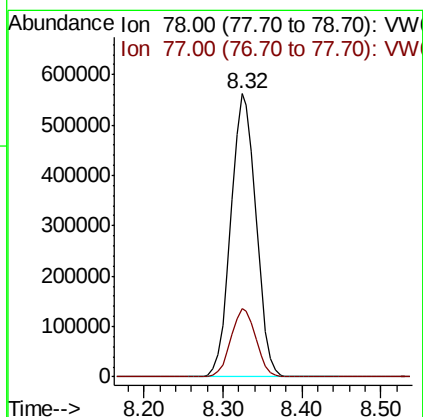
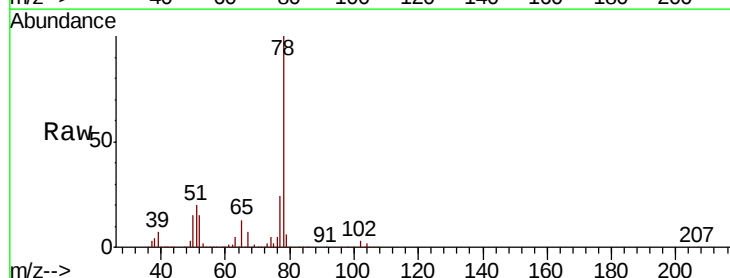
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

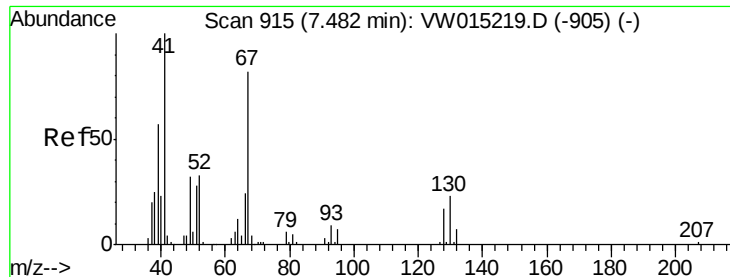
Tot Ion: 83 Resp: 612238
Ion Ratio Lower Upper
83 100
55 68.2 58.1 87.1
98 50.2 40.2 60.4



#40
Benzene
Concen: 138.711 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 78 Resp: 1247114
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.2

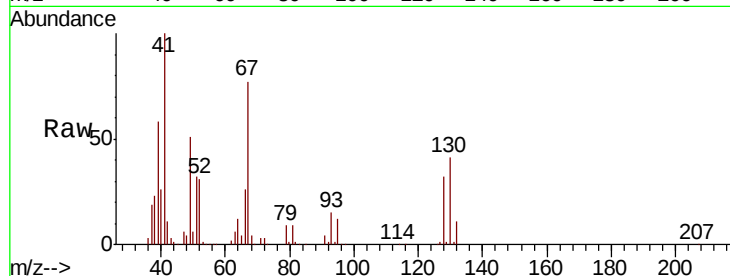




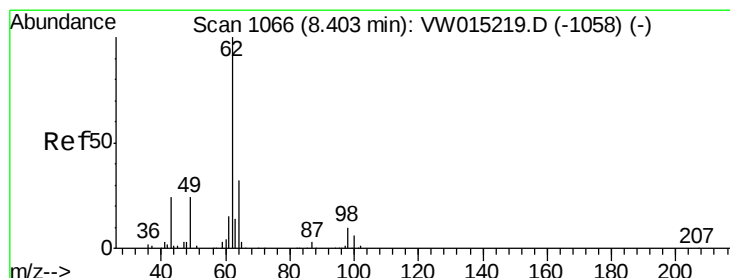
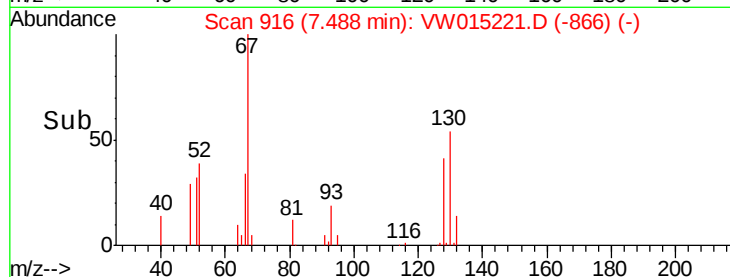
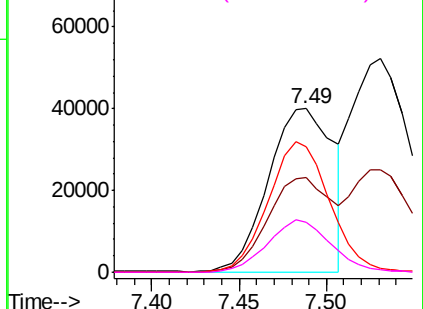
#41
Methacrylonitrile
Concen: 131.749 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	102727
Ion	Ratio	Lower	Upper
41	100		
39	57.0	41.9	62.9
67	77.1	60.6	91.0
52	31.6	23.8	35.8

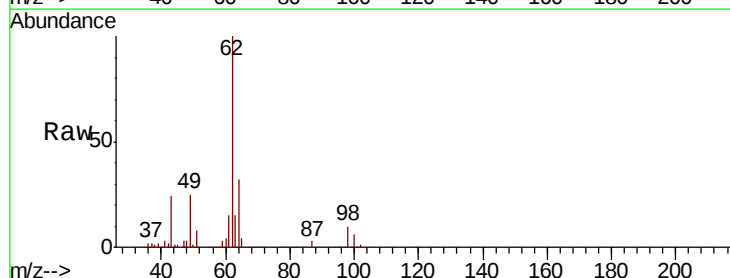


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

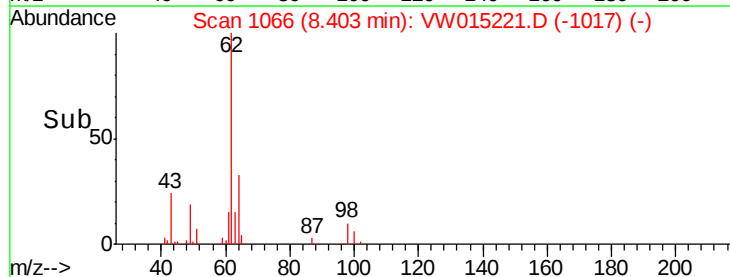
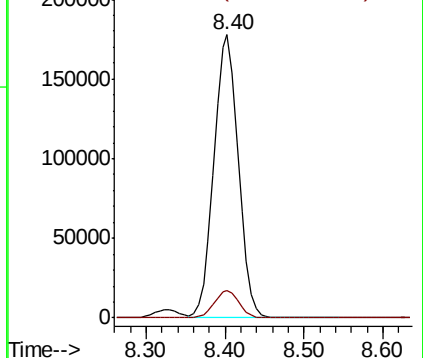


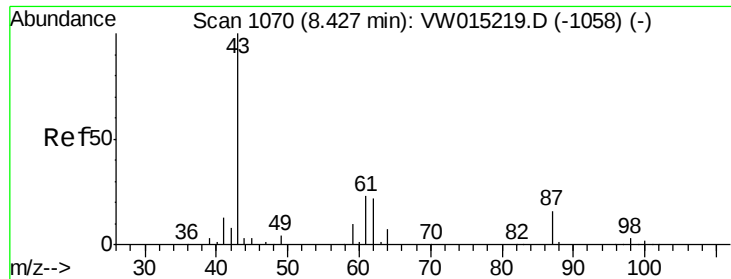
#42
1,2-Dichloroethane
Concen: 167.575 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion:	62	Resp:	382383
Ion	Ratio	Lower	Upper
62	100		
98	9.9	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: 126.553 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

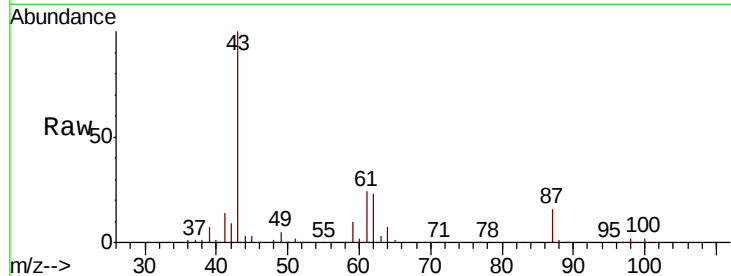
Tot Ion: 43 Resp: 325907

Ion Ratio Lower Upper

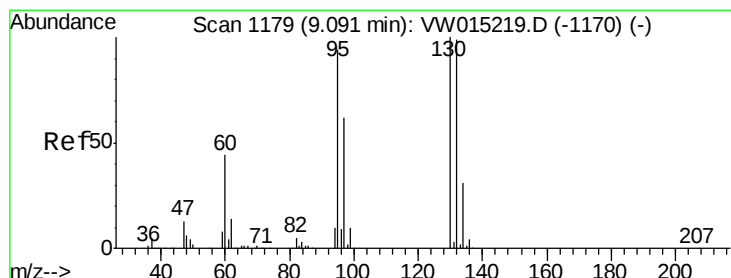
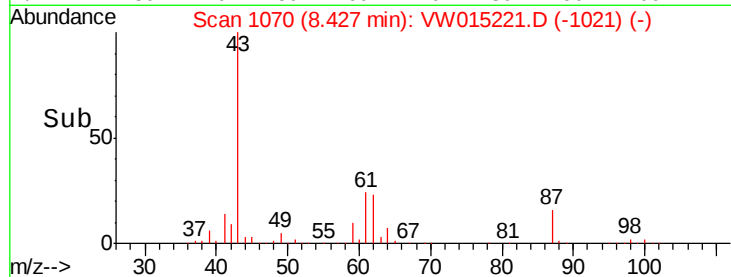
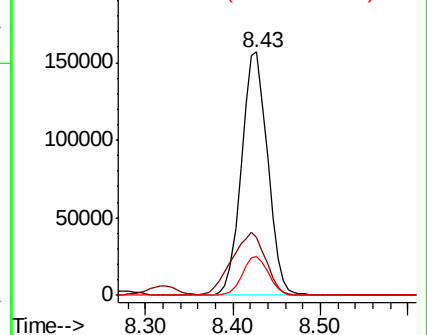
43 100

61 33.5 24.8 37.2

87 16.0 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: 159.530 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015221.D

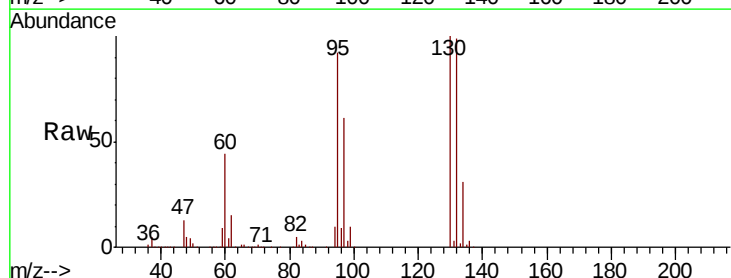
Acq: 20 Apr 2020 14:06

Tgt Ion:130 Resp: 376873

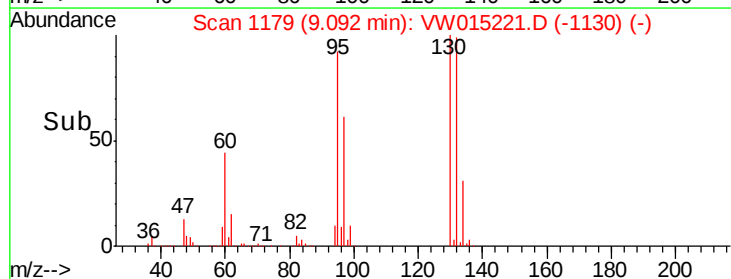
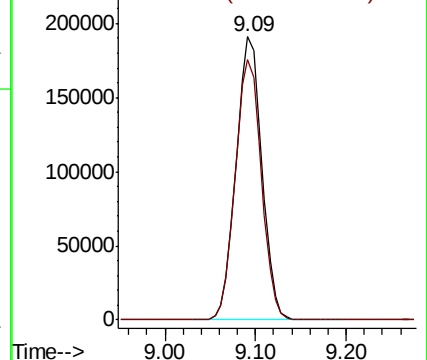
Ion Ratio Lower Upper

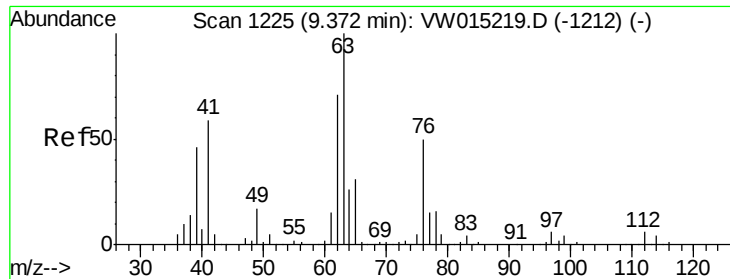
130 100

95 91.8 0.0 196.4



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

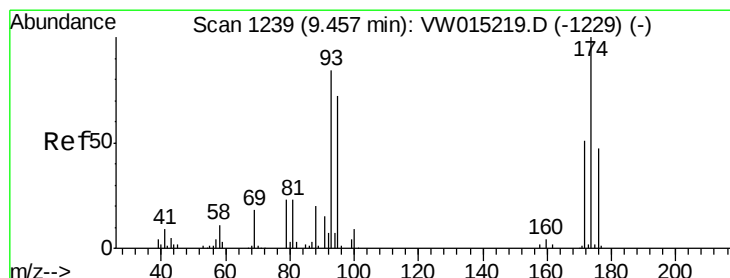
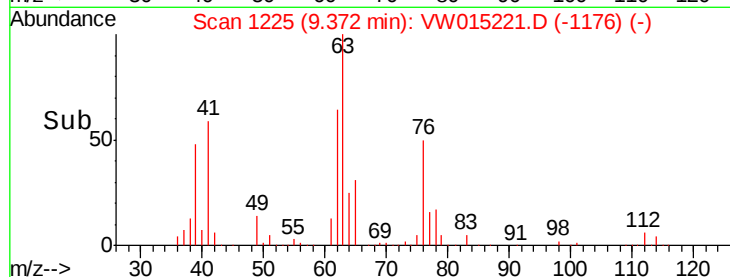
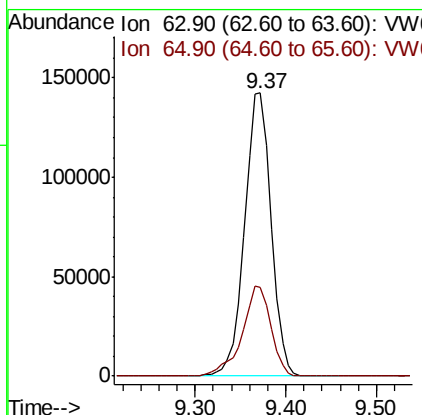
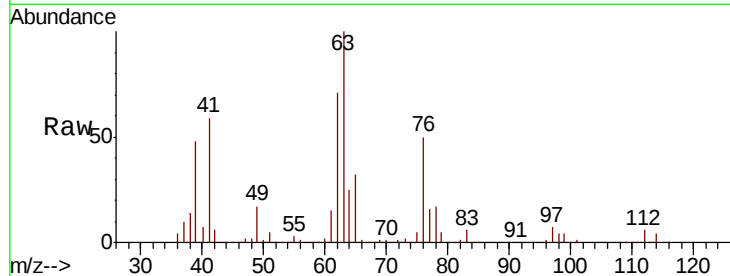




#45
 1,2-Dichloropropane
 Concen: 130.049 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

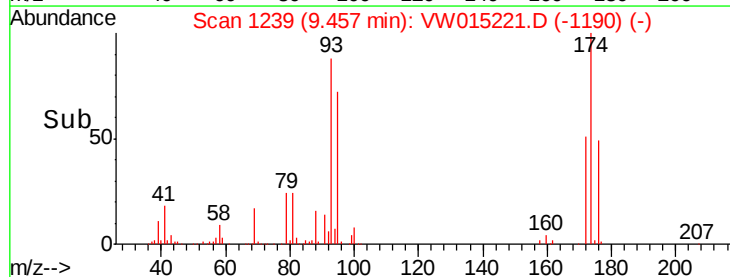
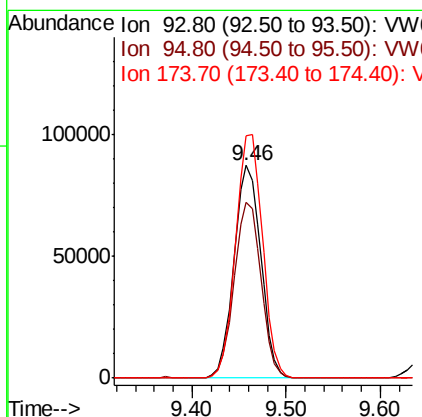
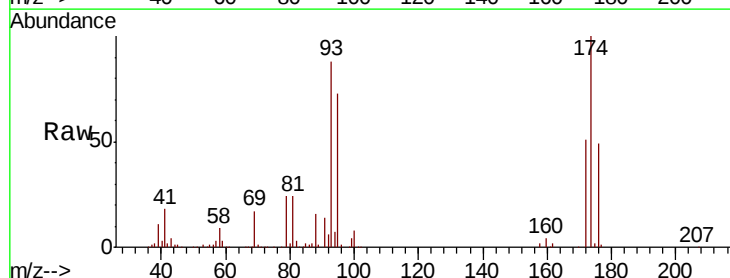
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

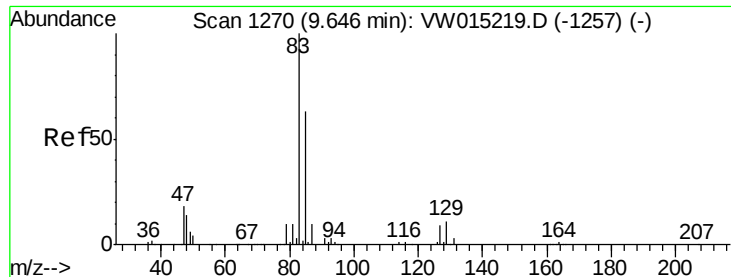
Tot Ion: 63 Resp: 287675
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.5 38.3



#46
 Dibromomethane
 Concen: 156.893 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 93 Resp: 173444
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.5 101.3
 174 115.2 74.1 111.1#





#47

Bromodichloromethane

Concen: 159.763 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

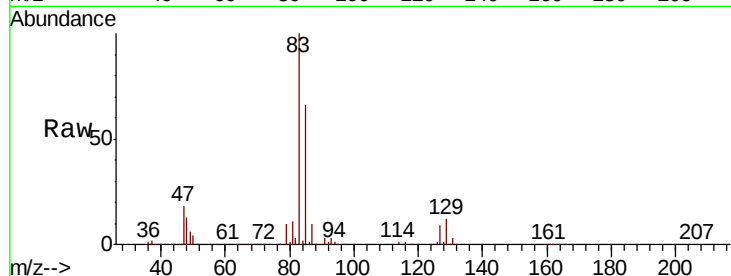
Tot Ion: 83 Resp: 457928

Ion Ratio Lower Upper

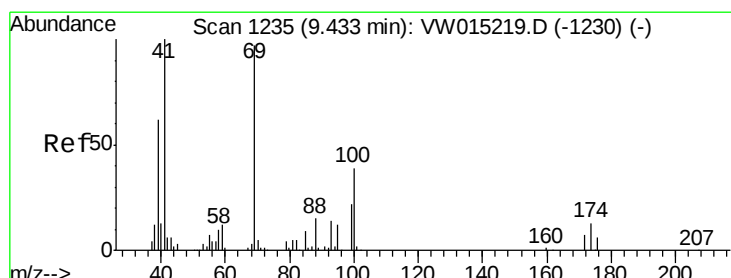
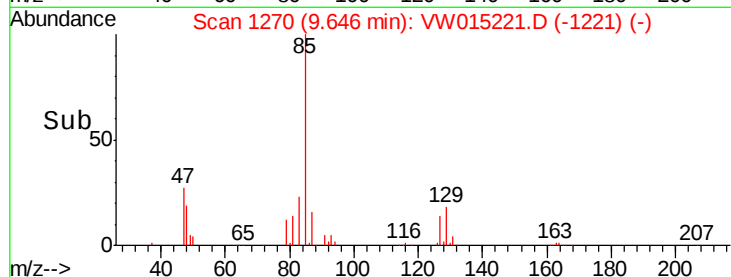
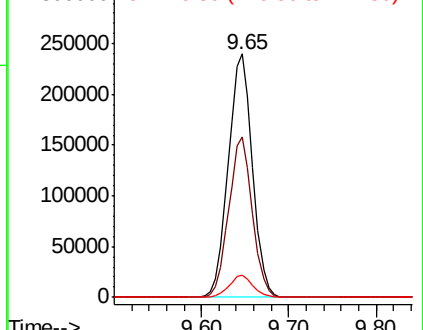
83 100

85 66.1 50.6 76.0

127 8.9 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): VW



#48

Methyl methacrylate

Concen: 127.254 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

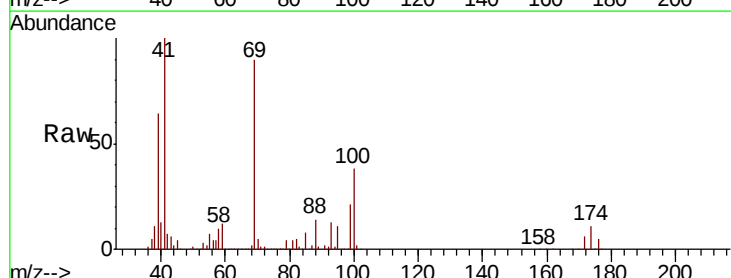
Tgt Ion: 41 Resp: 153281

Ion Ratio Lower Upper

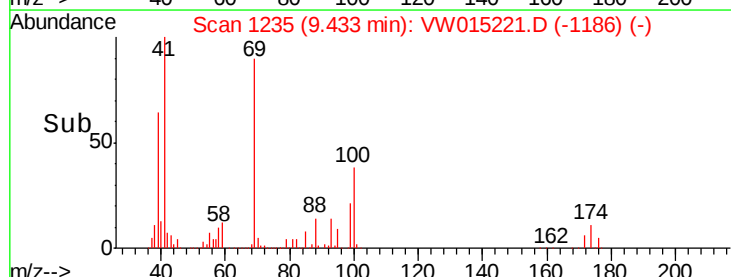
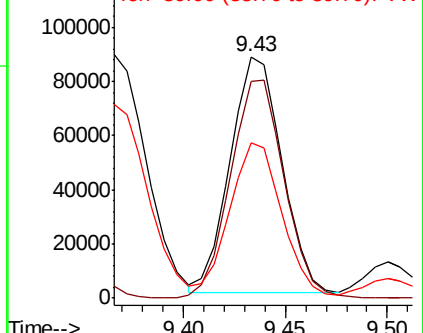
41 100

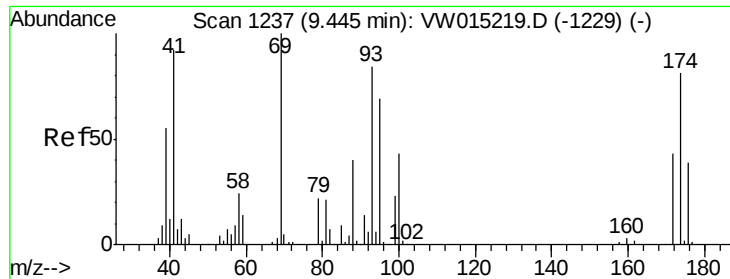
69 96.2 70.6 105.8

39 64.0 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: 2545.499 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

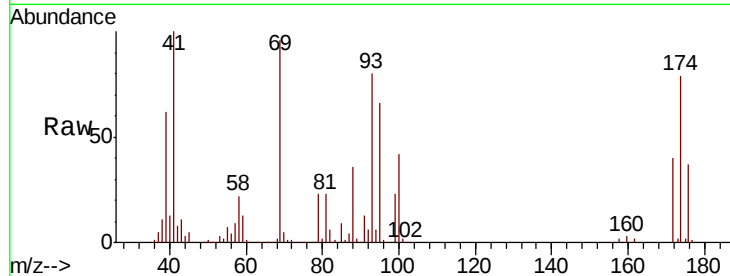
Tot Ion: 88 Resp: 44645

Ion Ratio Lower Upper

88 100

43 31.0 23.5 35.3

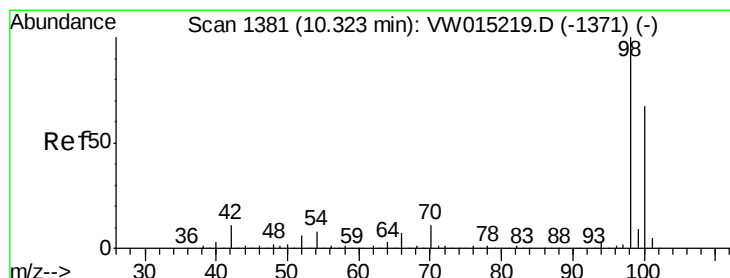
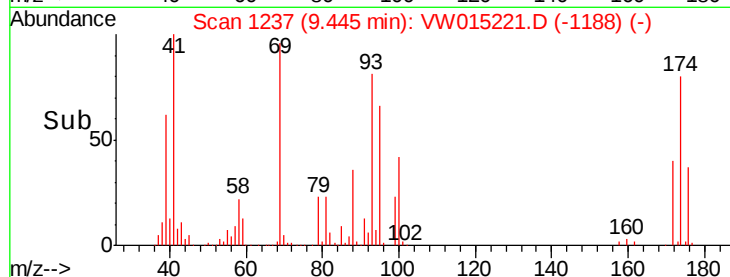
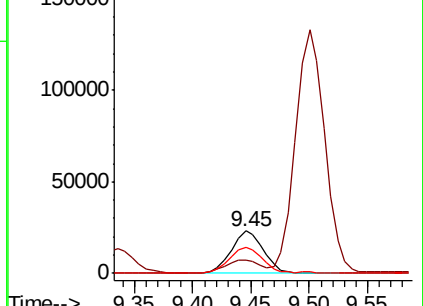
58 63.3 55.4 83.2



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: 148.949 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015221.D

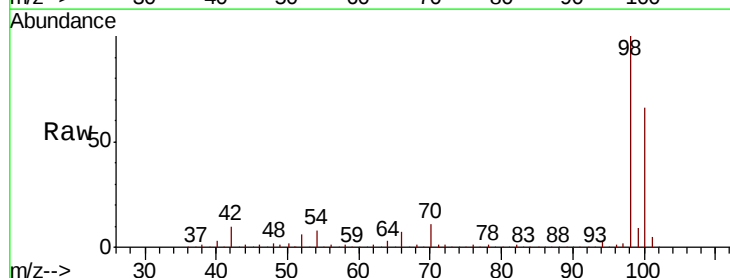
Acq: 20 Apr 2020 14:06

Tgt Ion: 98 Resp: 1185927

Ion Ratio Lower Upper

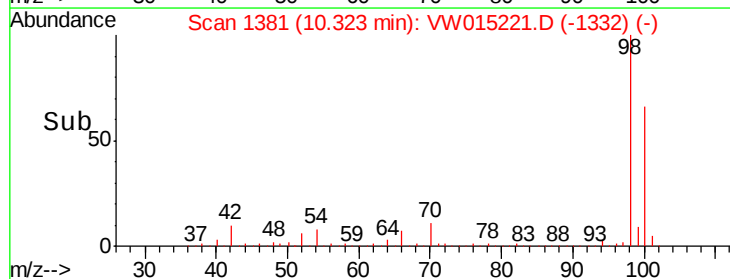
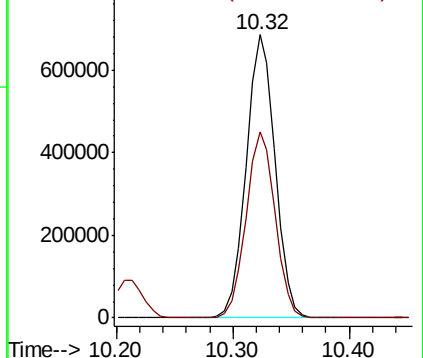
98 100

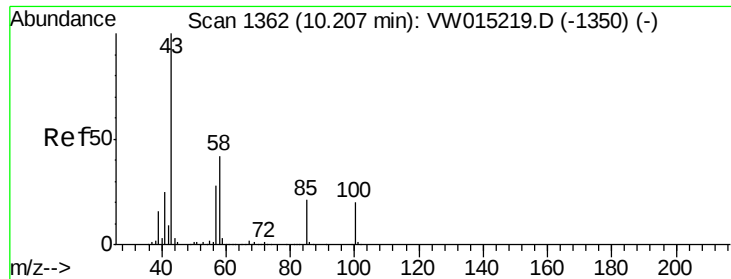
100 66.2 52.9 79.3



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: 568.585 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

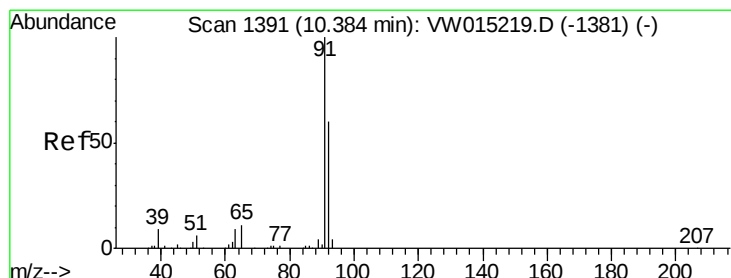
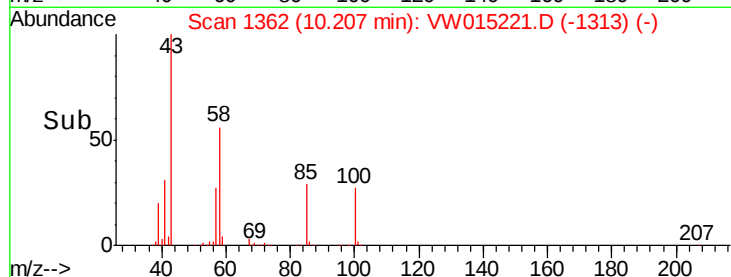
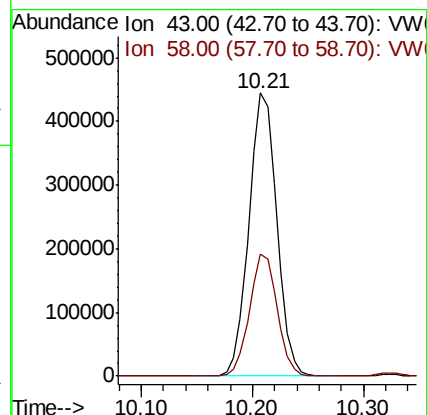
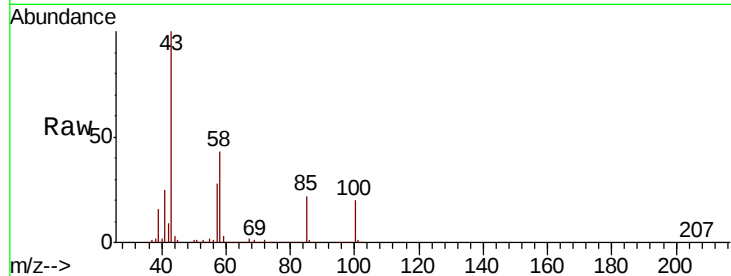
VSTDIC150

Tot Ion: 43 Resp: 774437

Ion Ratio Lower Upper

43 100

58 42.8 32.3 48.5



#52

Toluene

Concen: 152.854 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015221.D

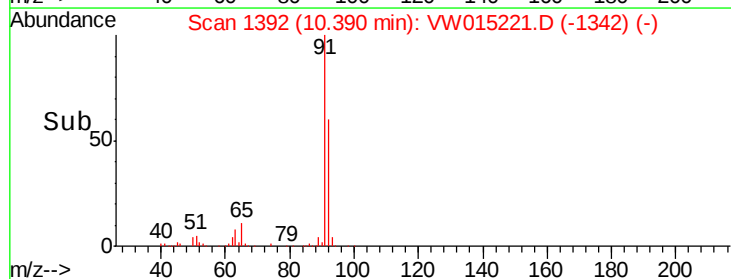
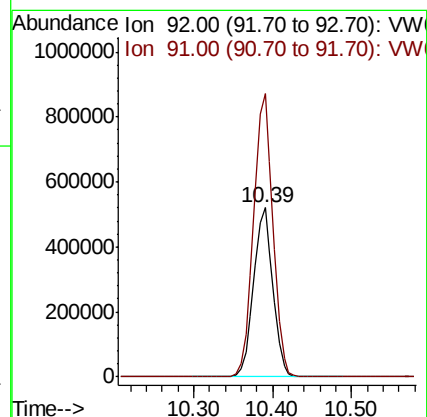
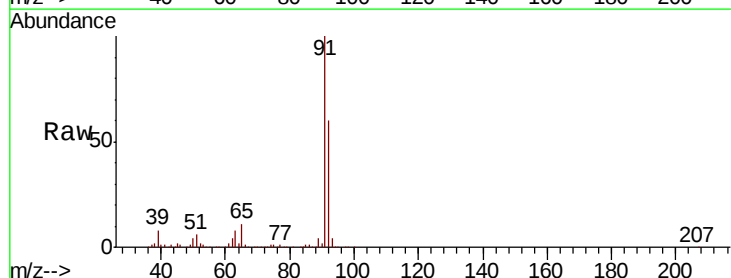
Acq: 20 Apr 2020 14:06

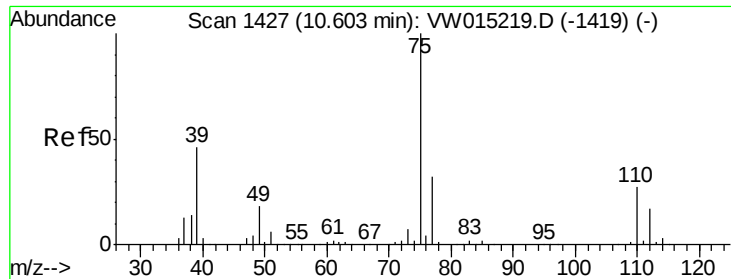
Tgt Ion: 92 Resp: 879655

Ion Ratio Lower Upper

92 100

91 168.7 137.1 205.7

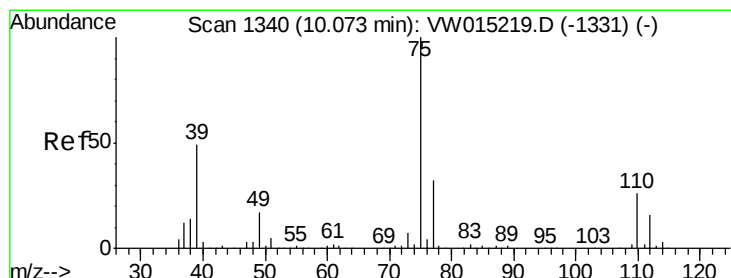
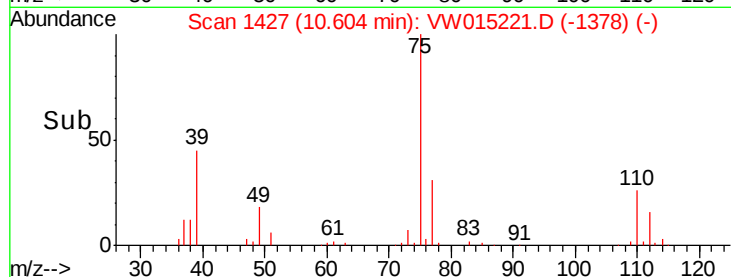
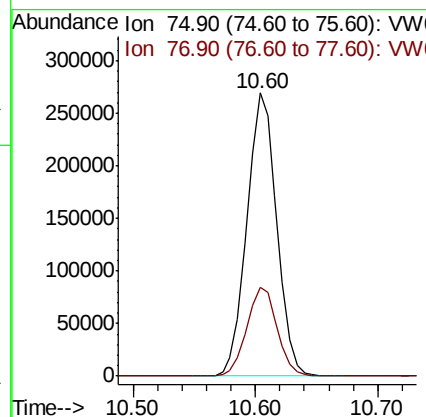
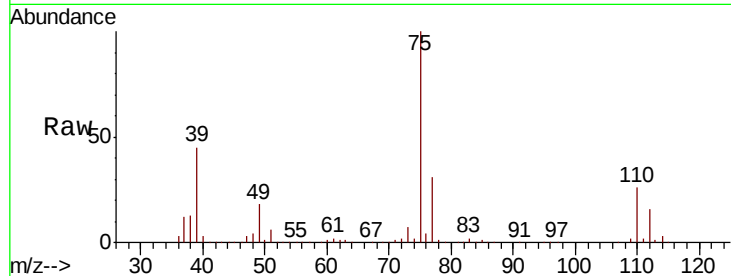




#53
 t-1,3-Dichloropropene
 Concen: 155.942 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

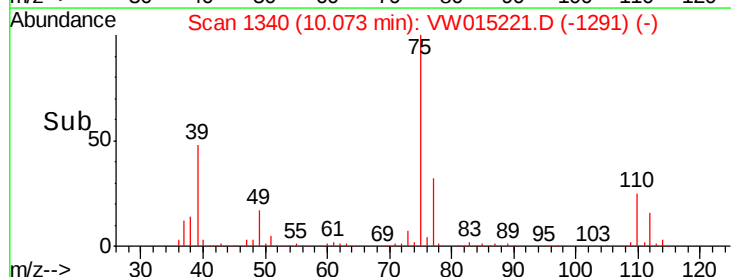
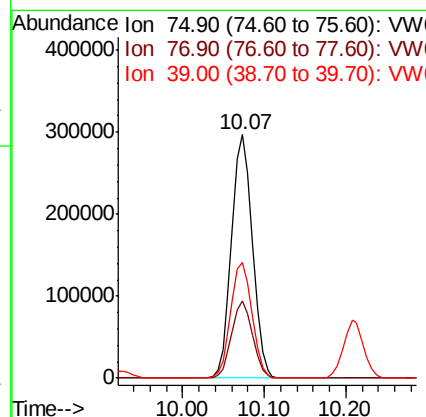
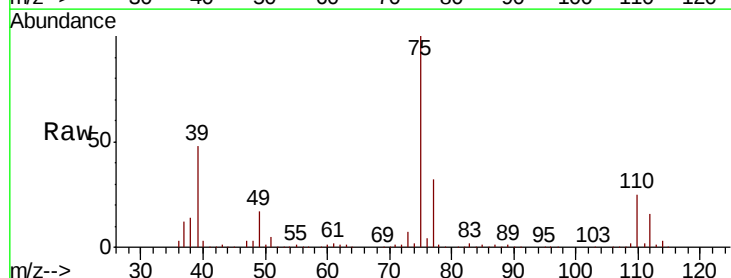
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

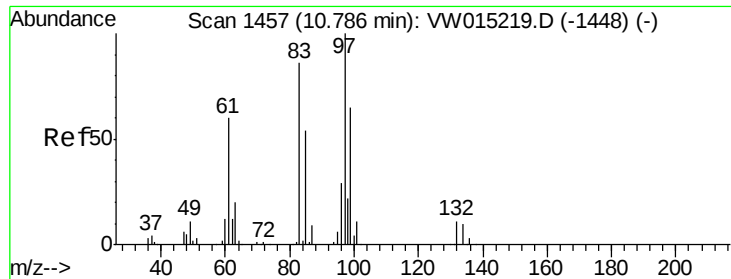
Tot Ion: 75 Resp: 454754
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 148.762 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 75 Resp: 523363
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 39.8
 39 47.5 37.8 56.6

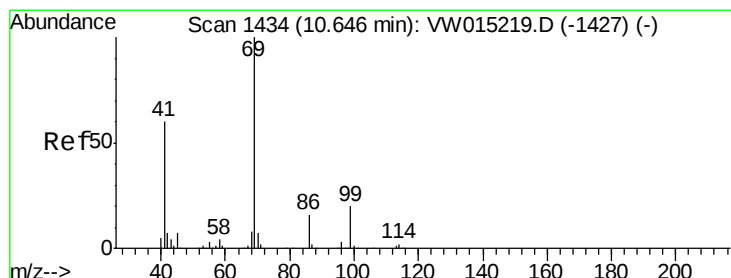
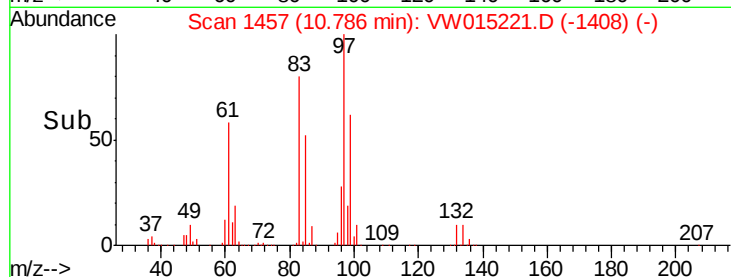
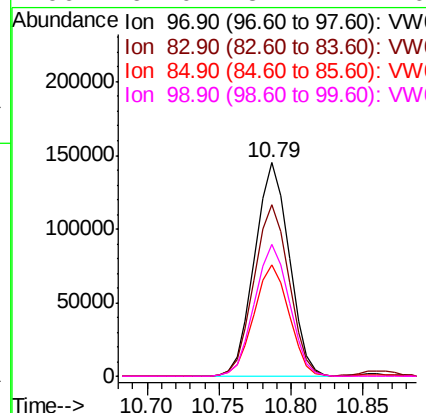
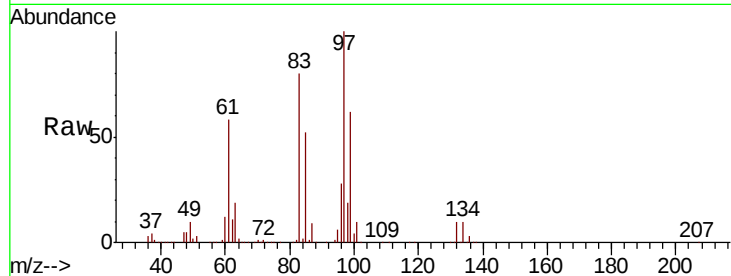




#55
 1,1,2-Trichloroethane
 Concen: 153.765 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

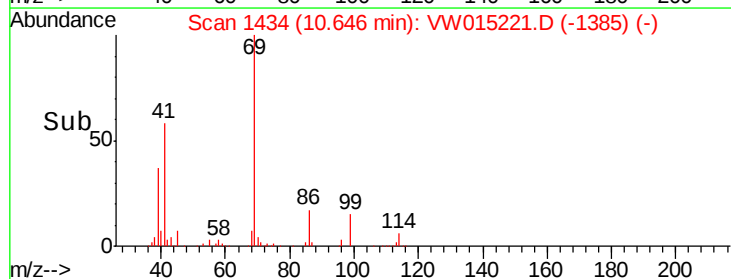
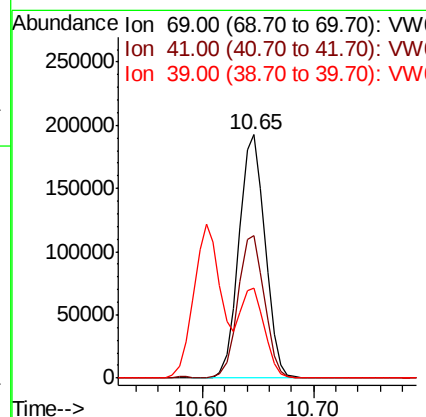
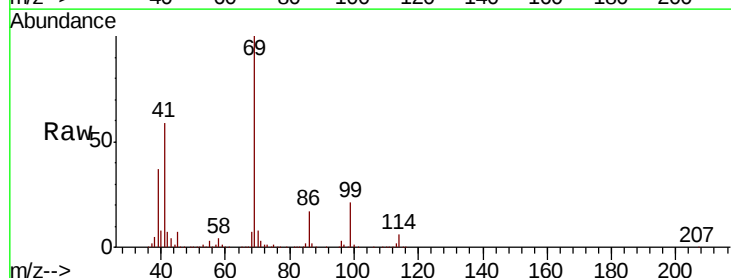
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	97	Resp	240860
Ion Ratio	Lower	Upper	
97	100		
83	80.4	67.3	100.9
85	51.9	43.8	65.8
99	62.0	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 144.576 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion	69	Resp	312075
Ion Ratio	Lower	Upper	
69	100		
41	58.9	51.3	76.9
39	34.1	24.6	37.0

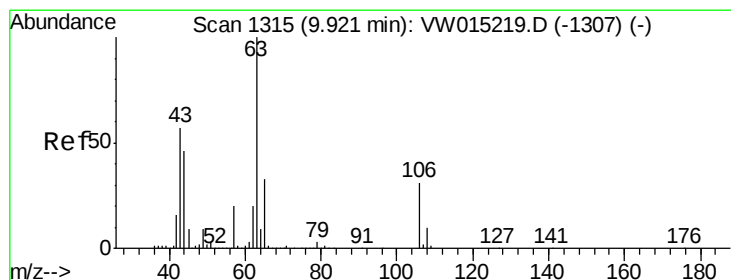
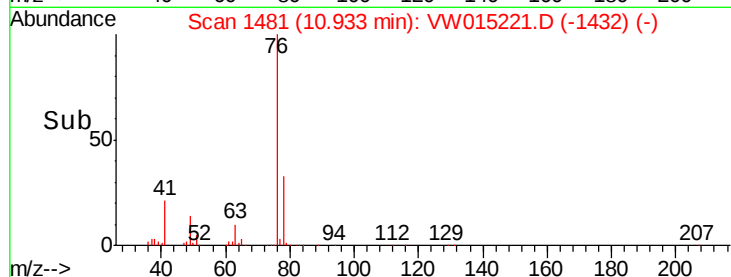
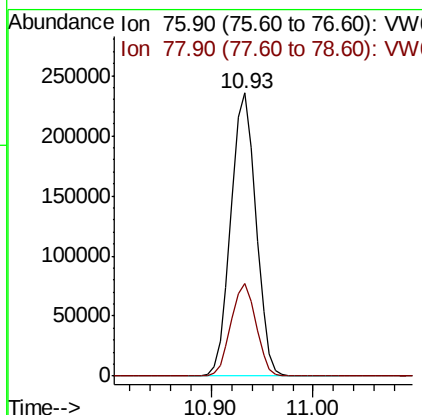
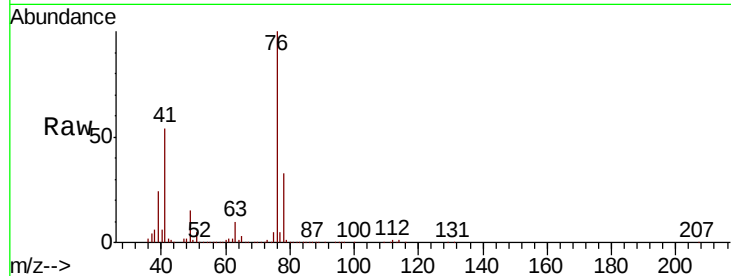




#57
 1,3-Dichloropropane
 Concen: 145.342 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

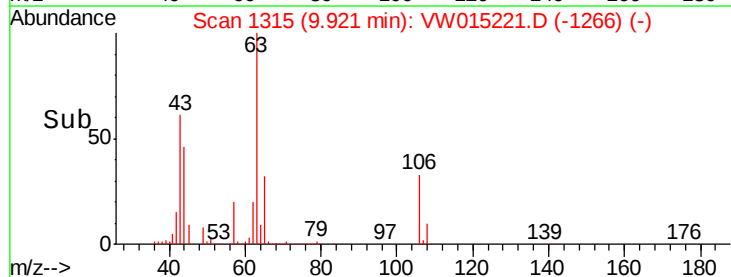
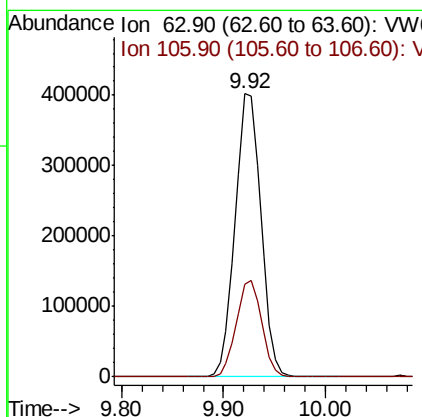
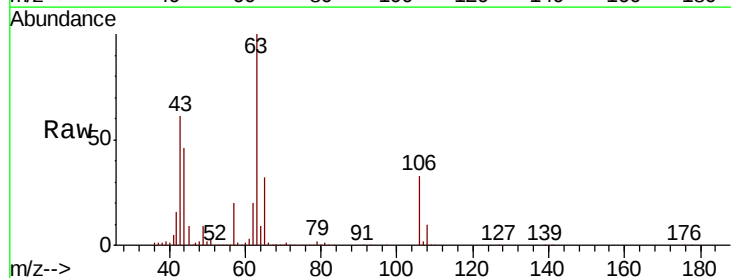
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

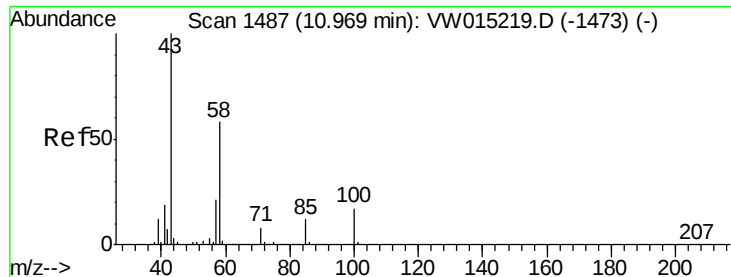
Tot Ion: 76 Resp: 400150
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 658.056 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 63 Resp: 703006
 Ion Ratio Lower Upper
 63 100
 106 33.5 22.6 33.8

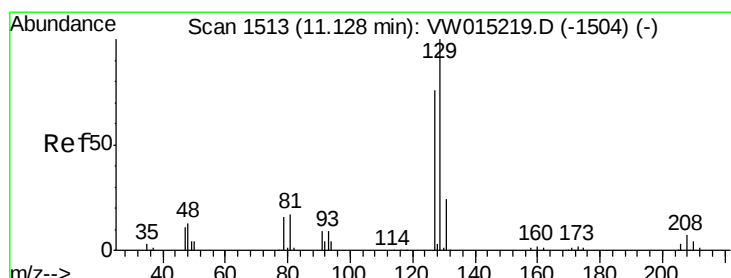
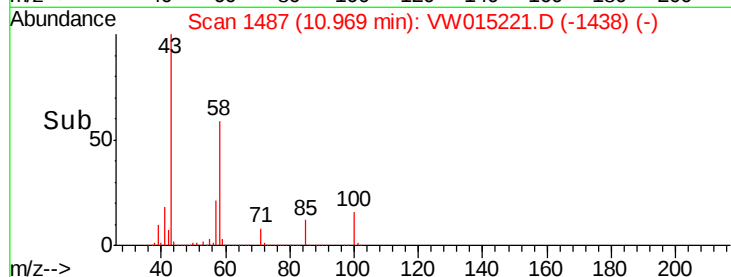
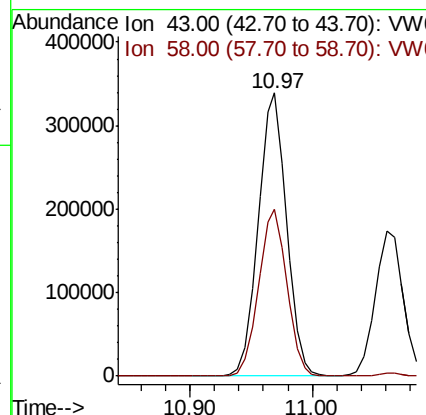
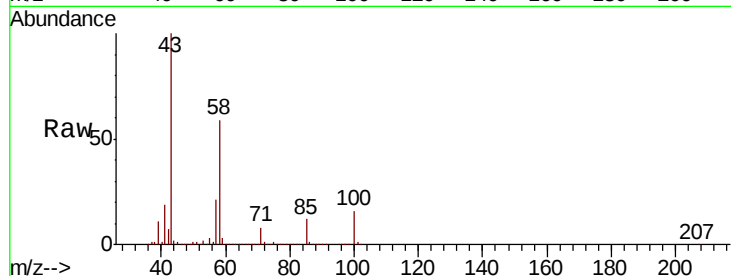




#59
2-Hexanone
Concen: 638.994 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

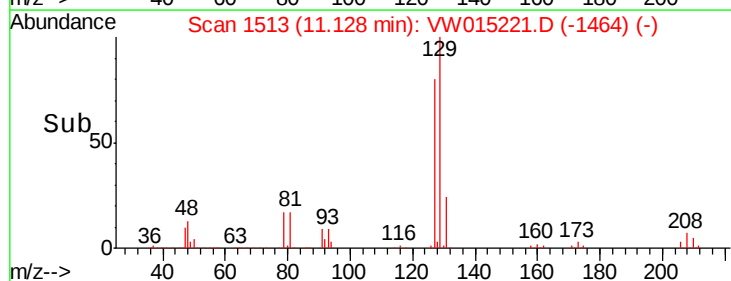
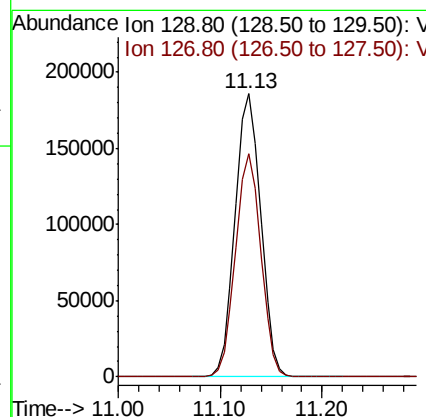
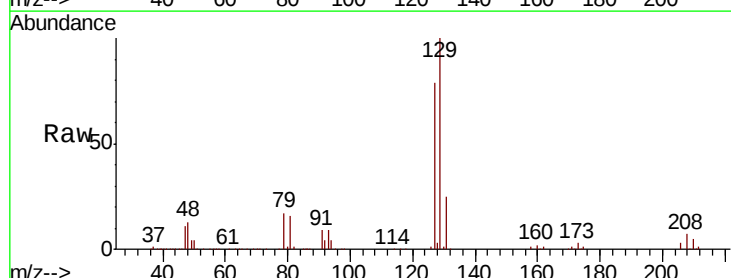
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

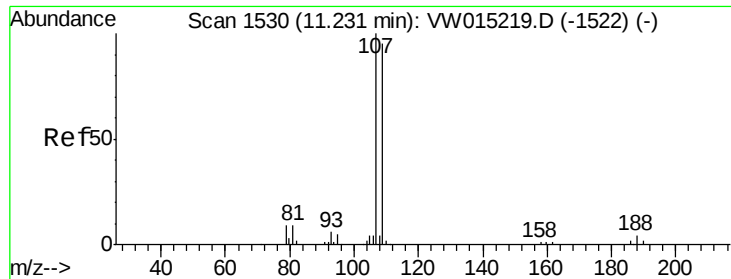
Tot Ion: 43 Resp: 546228
Ion Ratio Lower Upper
43 100
58 59.0 28.1 84.3



#60
Dibromochloromethane
Concen: 172.867 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 129 Resp: 323086
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8

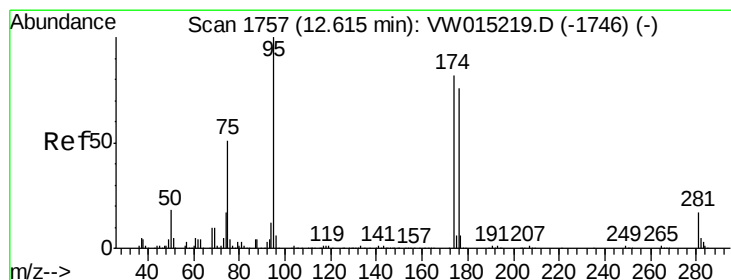
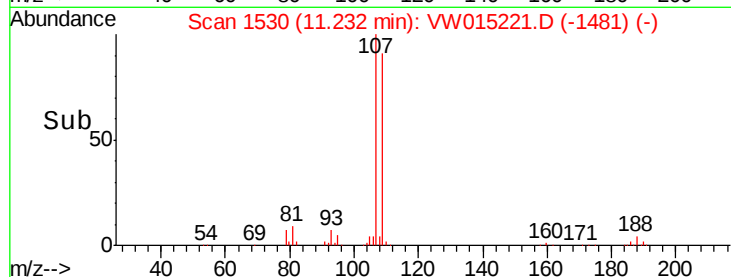
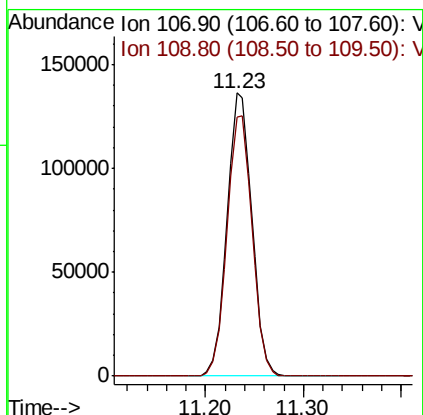
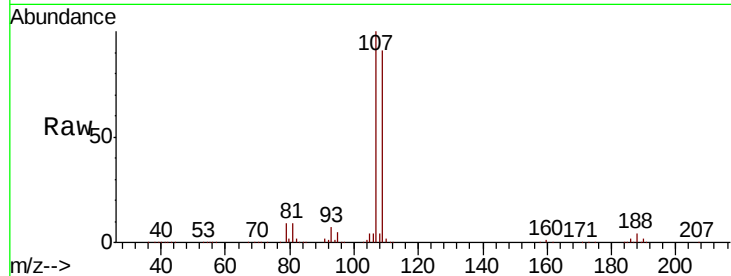




#61
 1,2-Dibromoethane
 Concen: 158.402 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

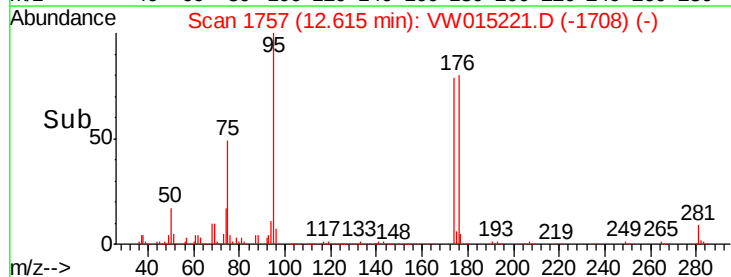
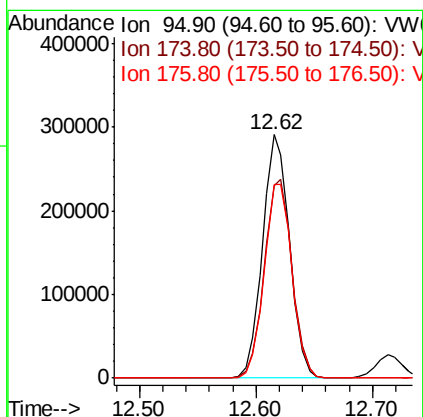
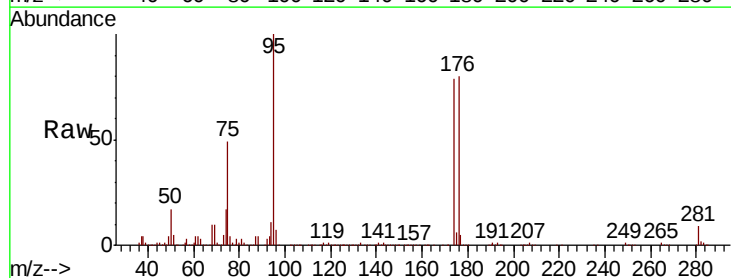
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

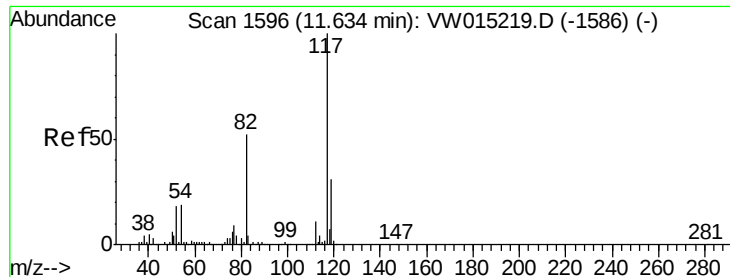
Tot Ion: 107 Resp: 239128
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 167.997 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 95 Resp: 468487
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 144.4
 176 82.3 0.0 140.6

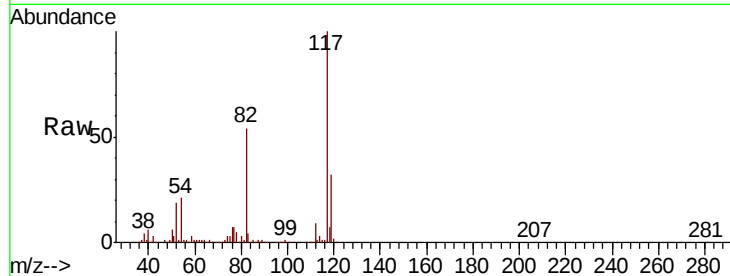




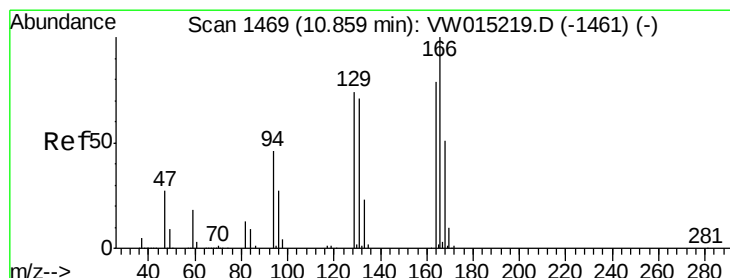
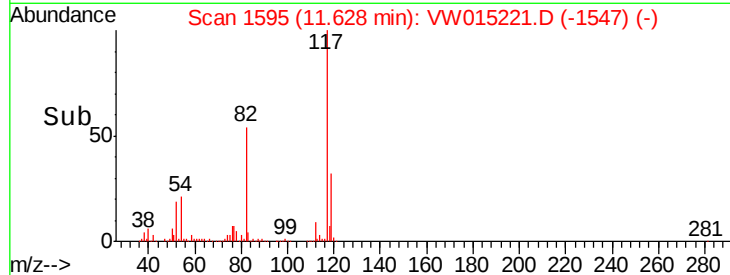
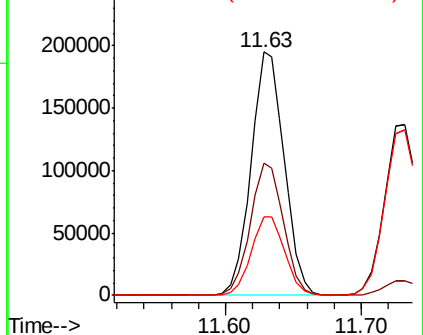
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 333447
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.2 24.9 37.3

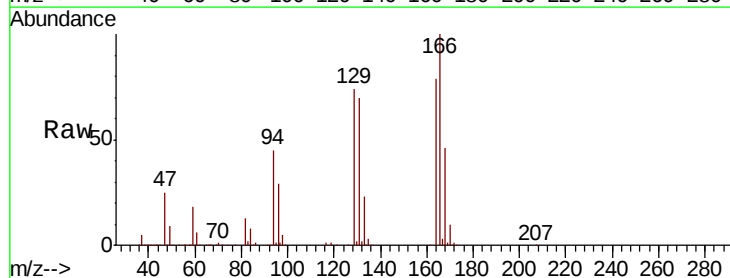


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

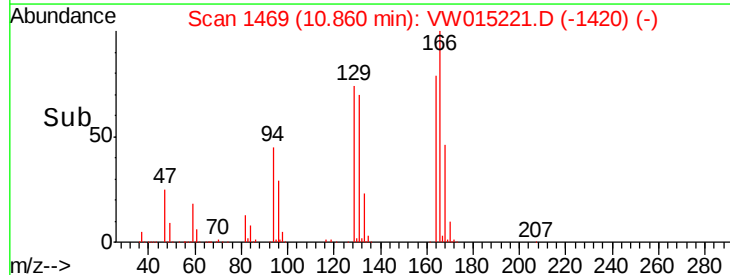
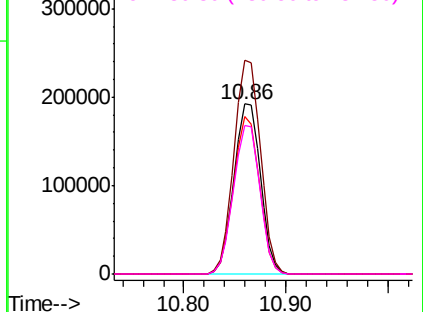


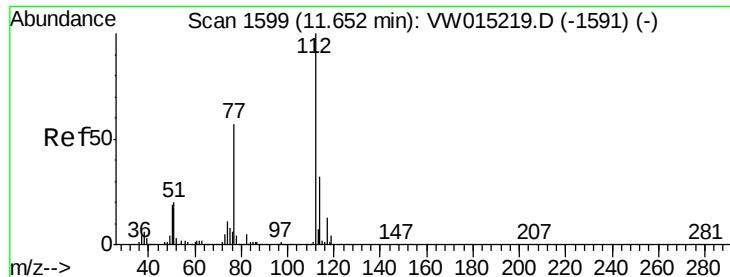
#64
Tetrachloroethene
Concen: 176.507 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion:164 Resp: 345719
Ion Ratio Lower Upper
164 100
166 125.9 102.6 154.0
129 92.7 80.2 120.2
131 87.8 77.4 116.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

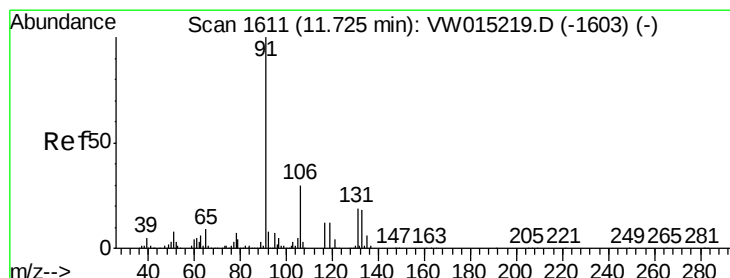
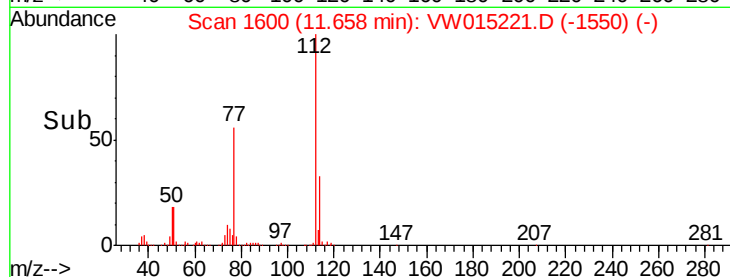
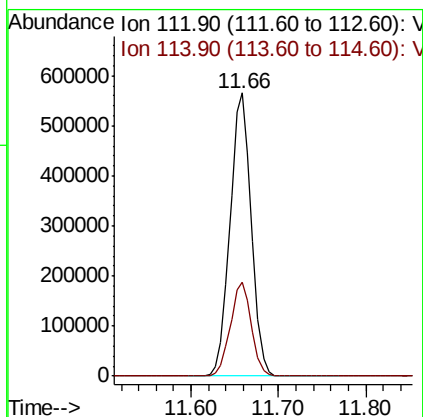
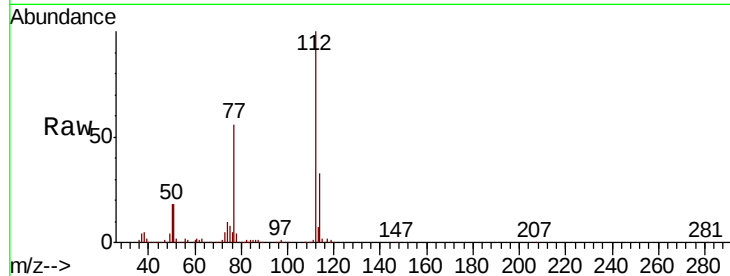




#65
Chlorobenzene
Concen: 151.905 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

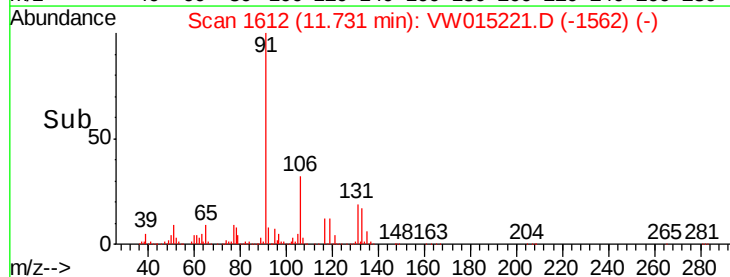
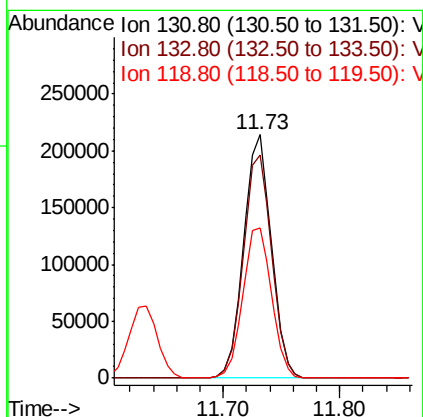
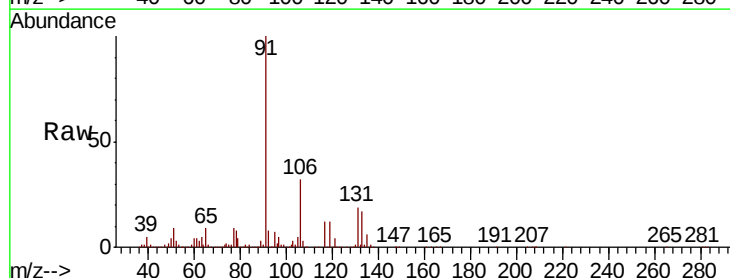
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

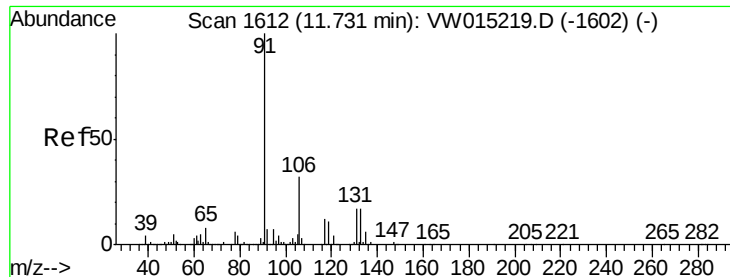
Tot Ion:112 Resp: 953087
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 164.476 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion:131 Resp: 356677
Ion Ratio Lower Upper
131 100
133 94.1 47.7 143.1
119 64.0 34.0 101.8

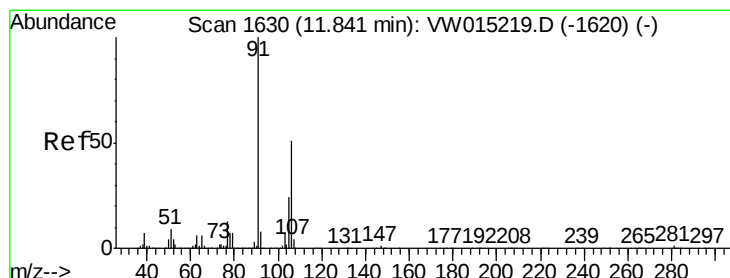
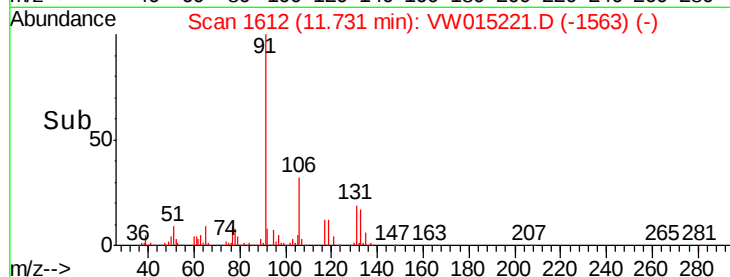
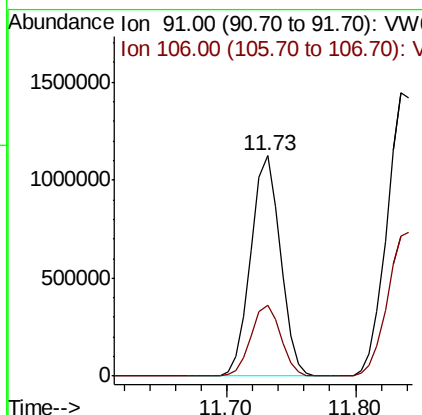
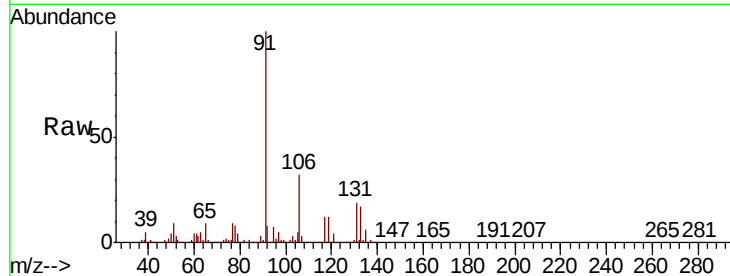




#67
Ethyl Benzene
Concen: 150.329 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

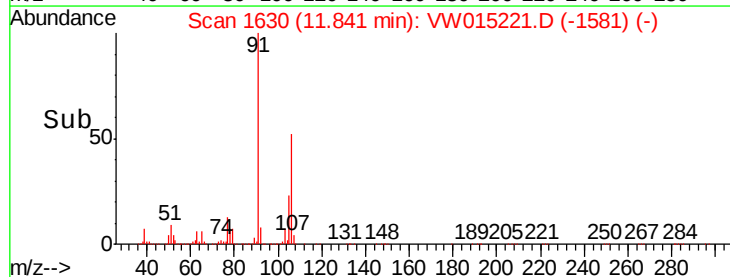
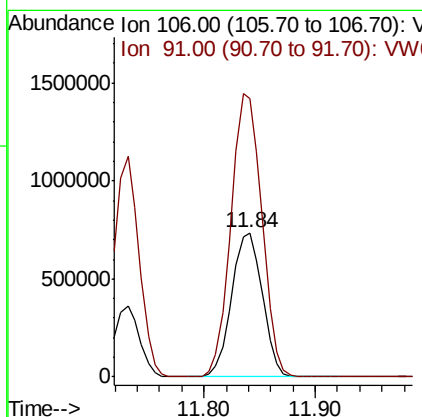
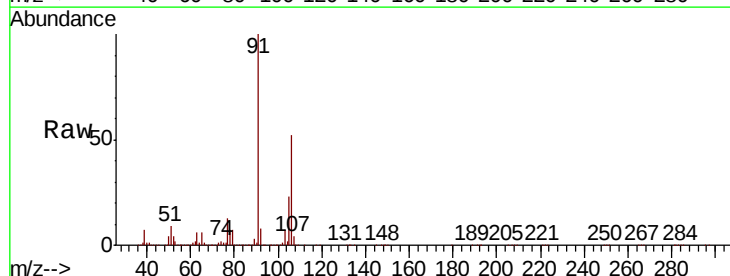
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

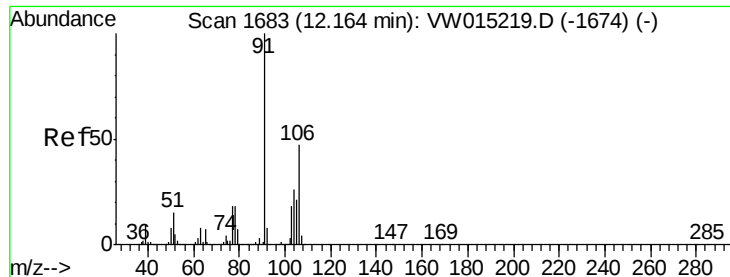
Tot Ion: 91 Resp: 1780581
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 311.609 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion:106 Resp: 1400680
Ion Ratio Lower Upper
106 100
91 197.7 160.0 240.0

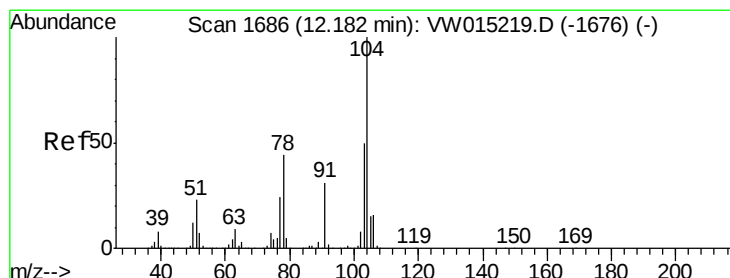
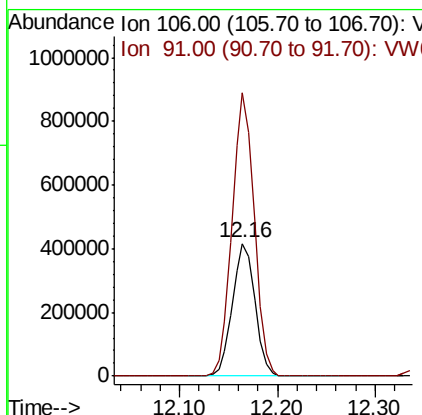
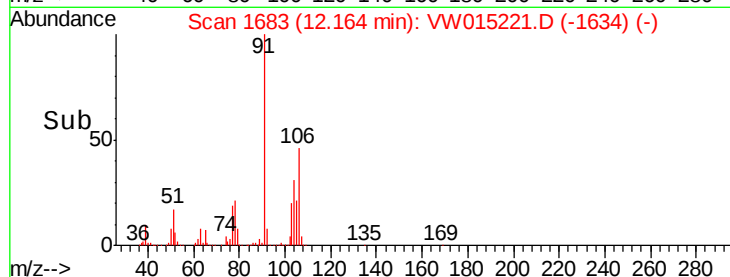
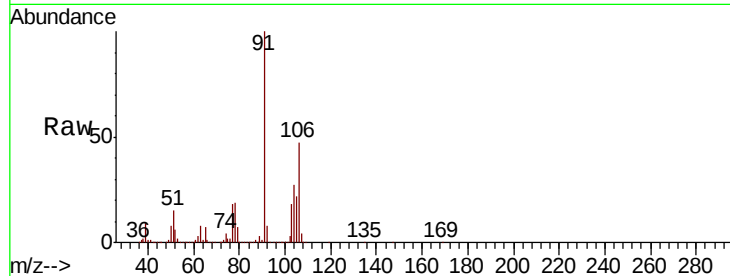




#69
o-Xylene
Concen: 157.930 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

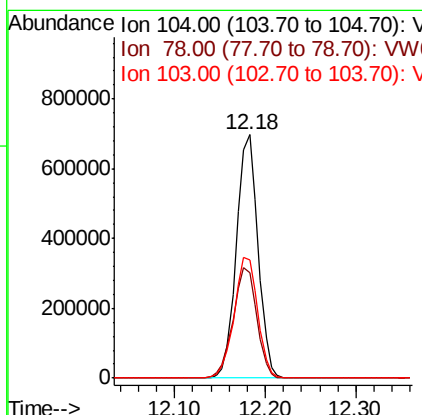
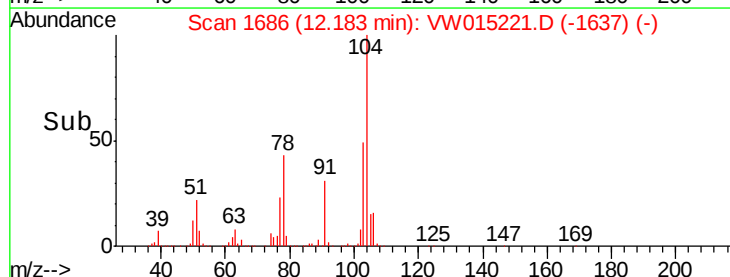
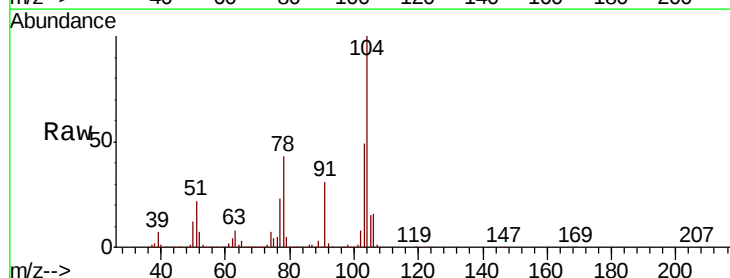
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

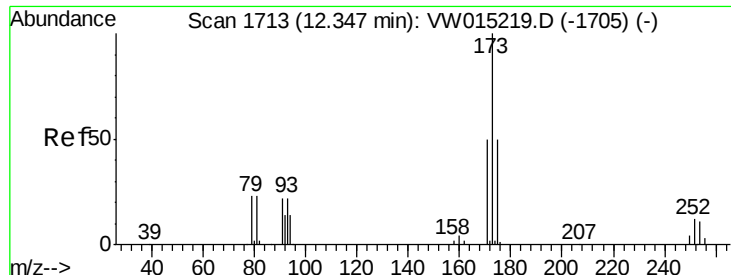
Tot Ion:106 Resp: 665368
Ion Ratio Lower Upper
106 100
91 210.3 105.7 317.1



#70
Styrene
Concen: 161.603 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion:104 Resp: 1150198
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 54.4 43.8 65.6

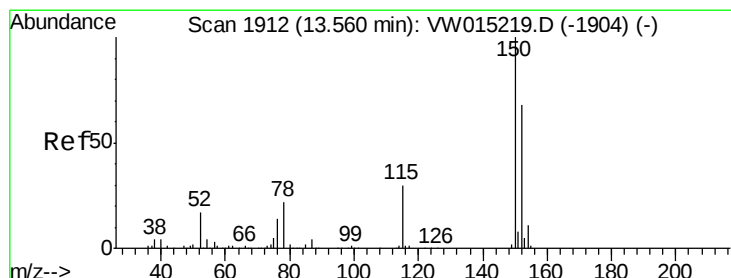
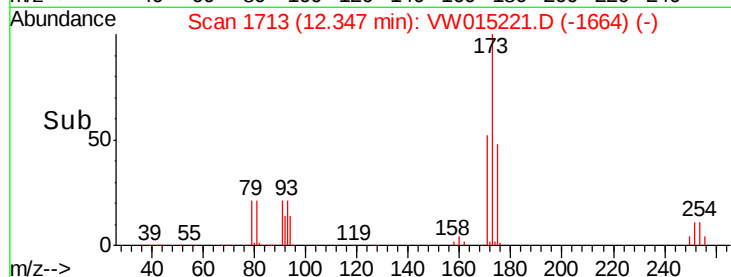
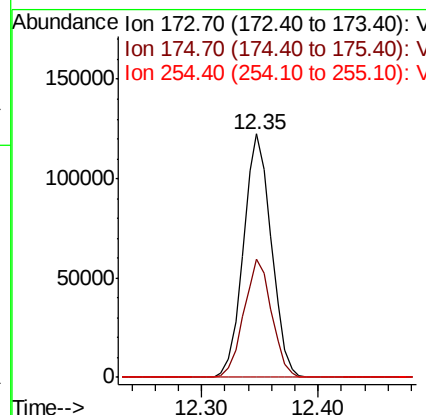
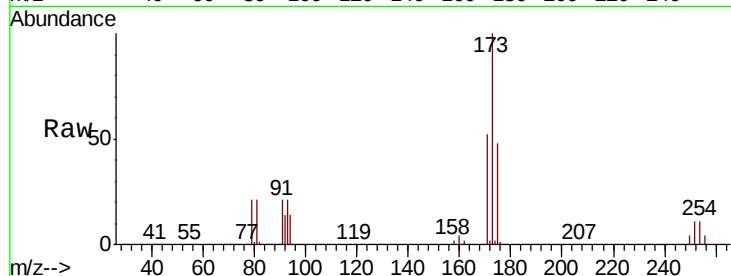




#71
Bromoform
Concen: 189.835 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

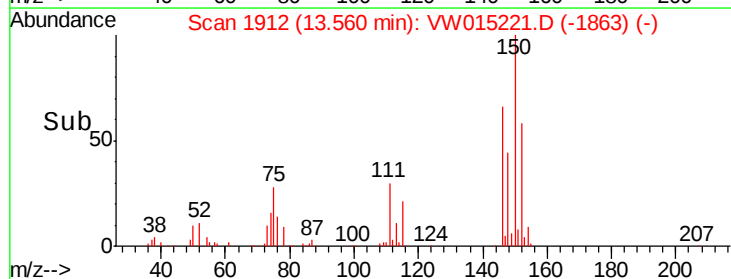
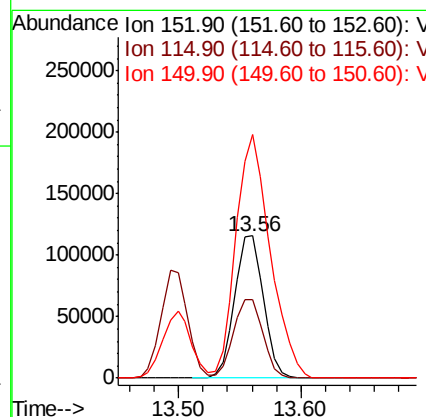
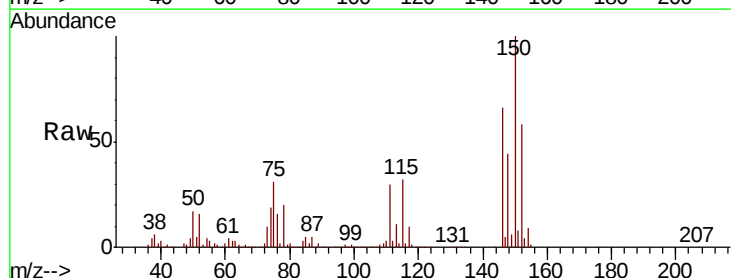
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

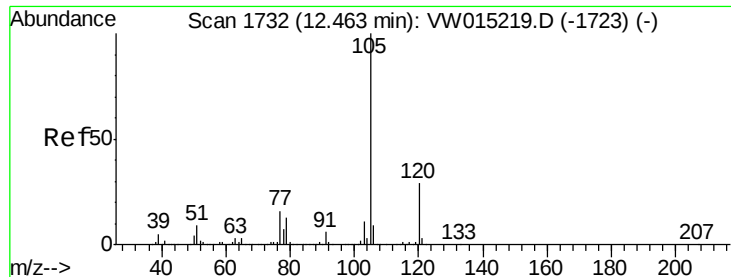
Tot Ion:173 Resp: 204447
Ion Ratio Lower Upper
173 100
175 48.4 25.1 75.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion:152 Resp: 187964
Ion Ratio Lower Upper
152 100
115 56.5 31.3 93.9
150 203.9 0.0 343.4





#73

Isopropylbenzene

Concen: 131.668 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

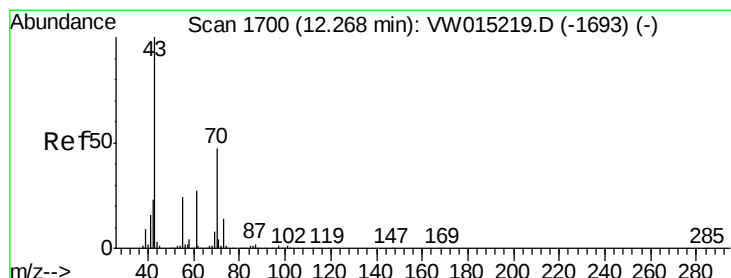
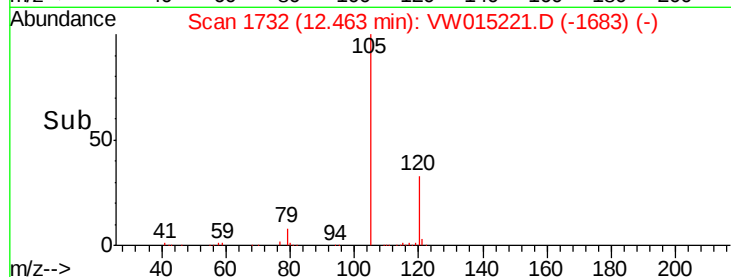
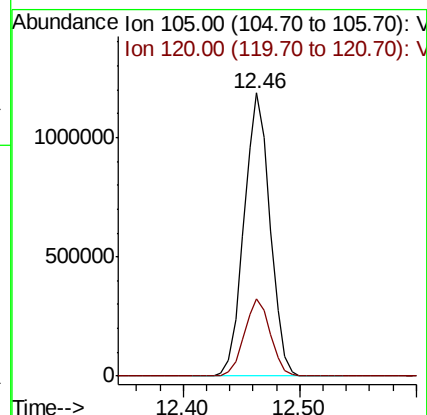
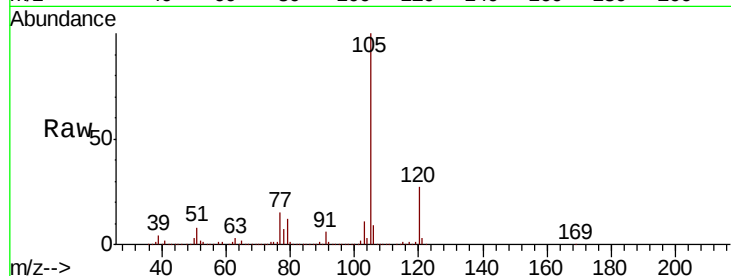
VSTDIC150

Tot Ion:105 Resp: 1845671

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 102.583 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Tgt Ion: 43 Resp: 334268

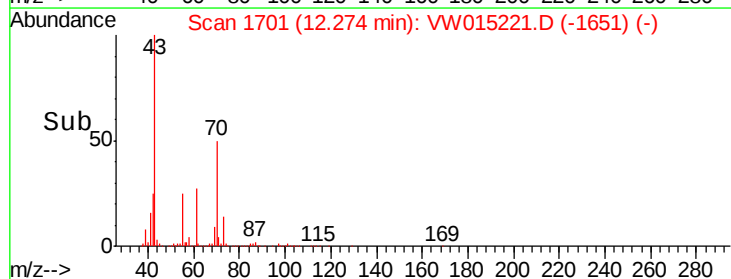
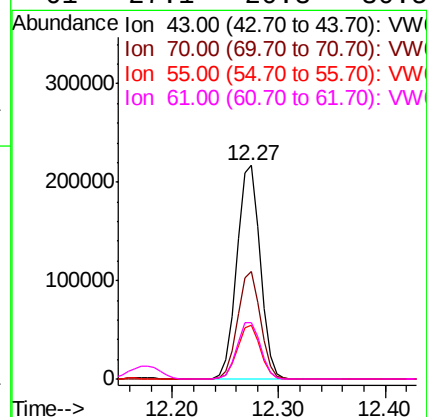
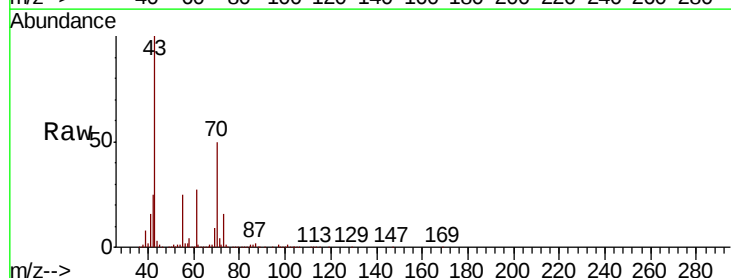
Ion Ratio Lower Upper

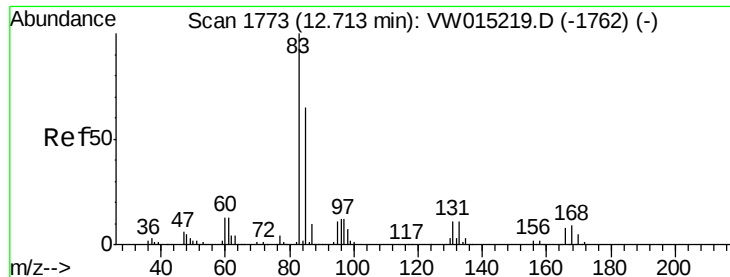
43 100

70 49.5 35.4 53.2

55 24.7 18.5 27.7

61 27.1 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 112.655 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

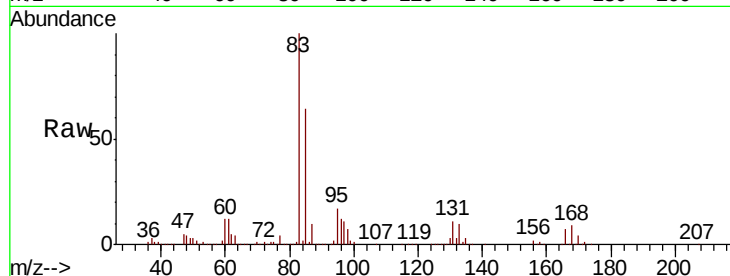
Tot Ion: 83 Resp: 264590

Ion Ratio Lower Upper

83 100

131 12.0 5.1 15.2

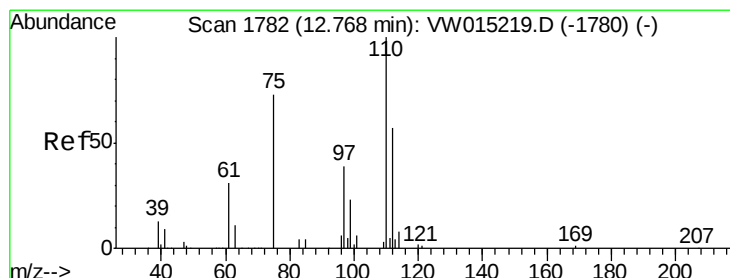
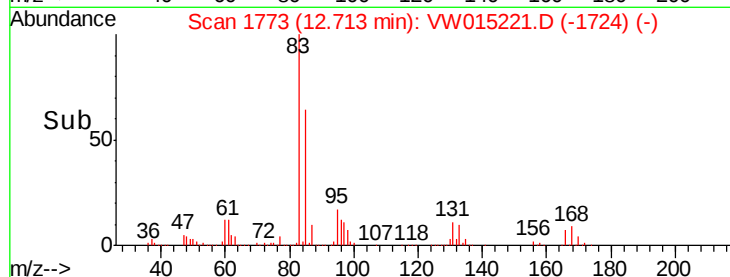
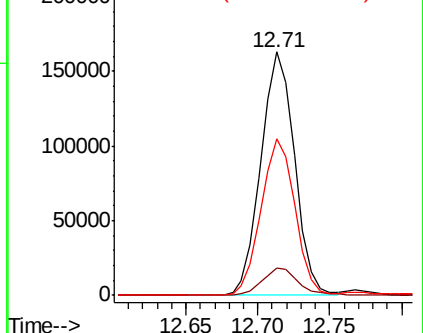
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 226.322 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015221.D

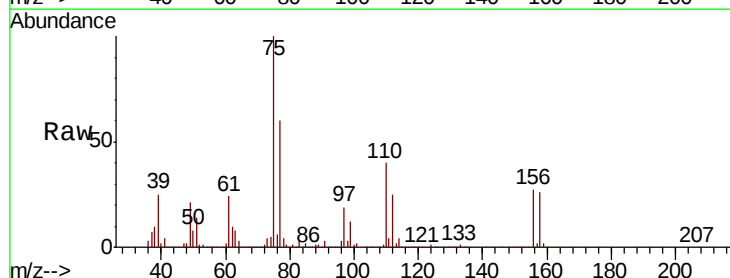
Acq: 20 Apr 2020 14:06

Tgt Ion: 75 Resp: 364159

Ion Ratio Lower Upper

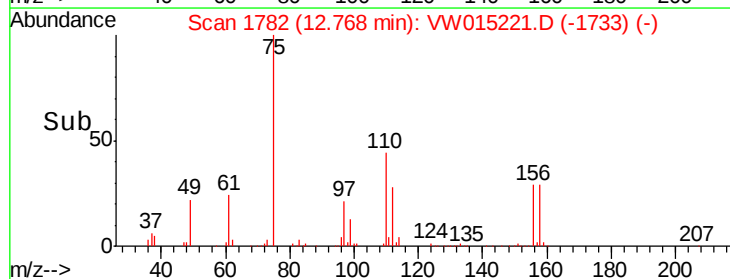
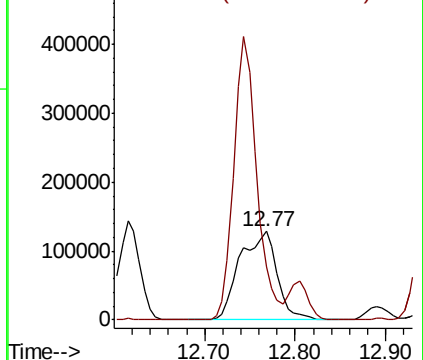
75 100

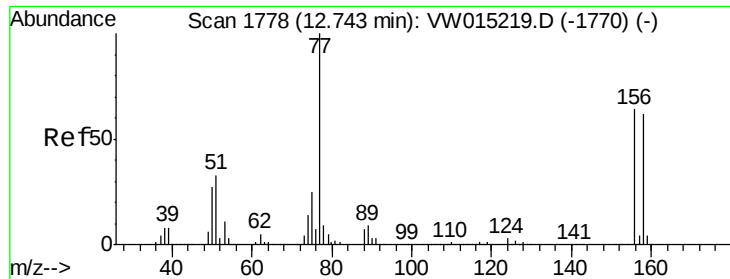
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

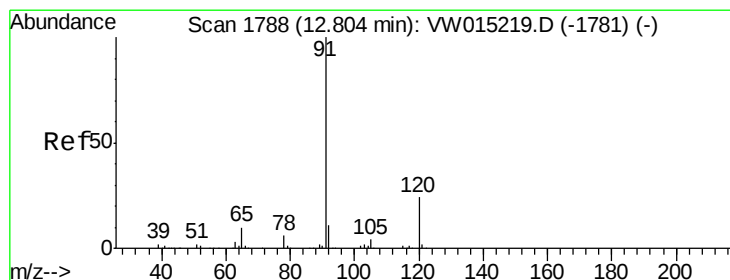
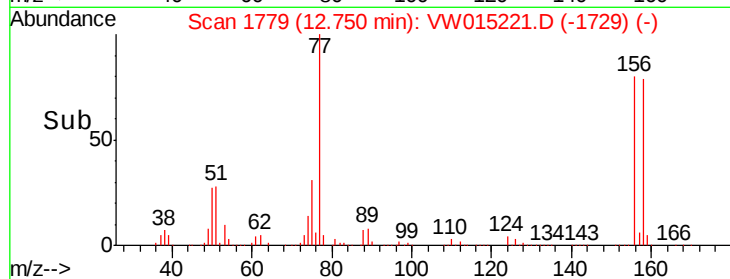
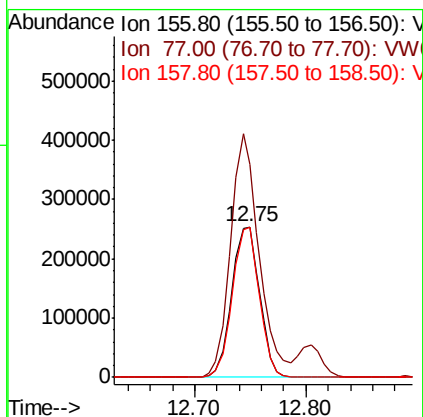
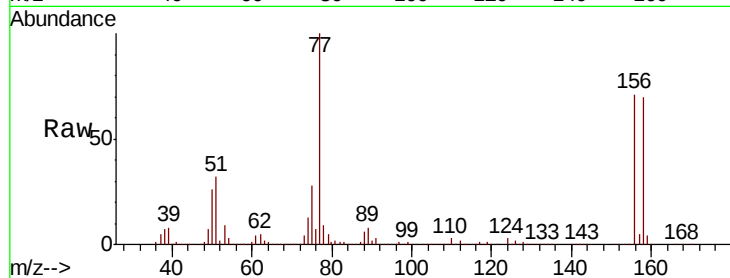




#77
Bromobenzene
Concen: 150.152 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

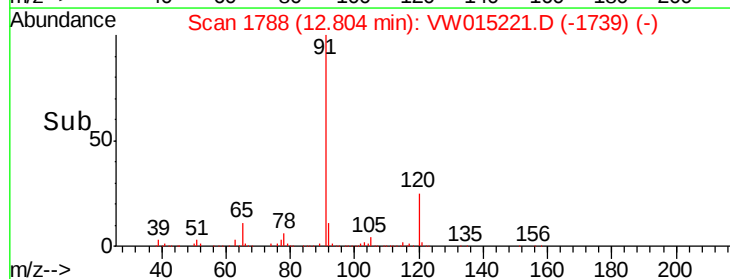
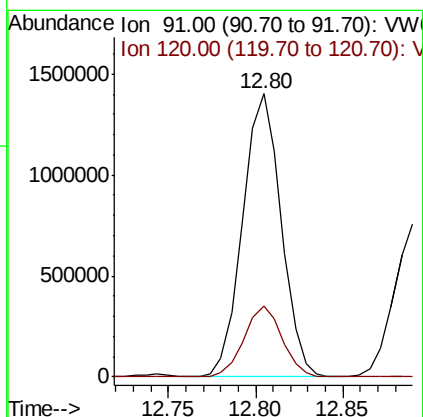
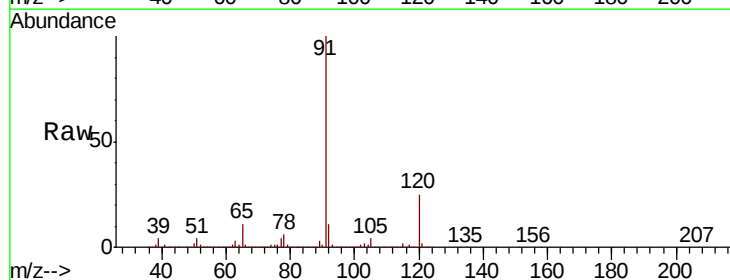
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

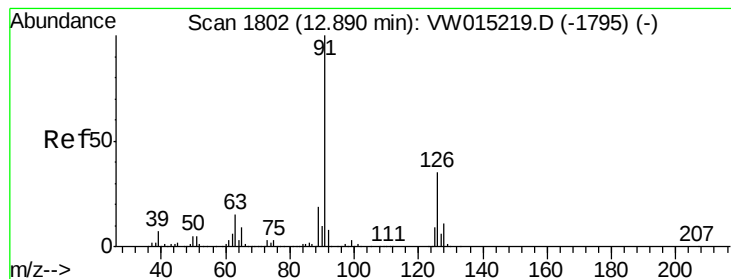
Tot Ion:156 Resp: 436055
Ion Ratio Lower Upper
156 100
77 167.3 100.5 301.5
158 97.1 47.9 143.8



#78
n-propylbenzene
Concen: 126.881 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion: 91 Resp: 2144894
Ion Ratio Lower Upper
91 100
120 24.5 11.4 34.1





#79

2-Chlorotoluene

Concen: 131.741 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

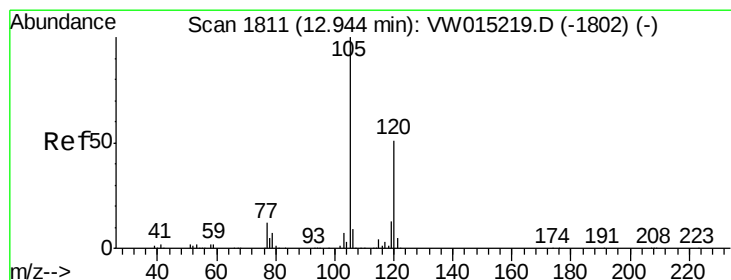
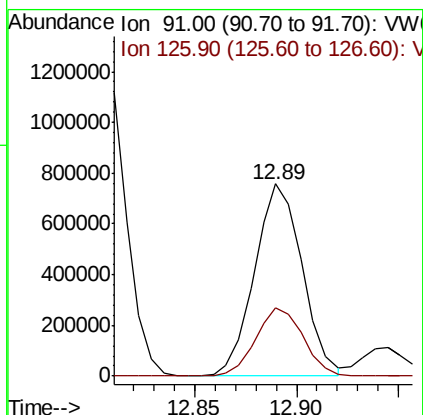
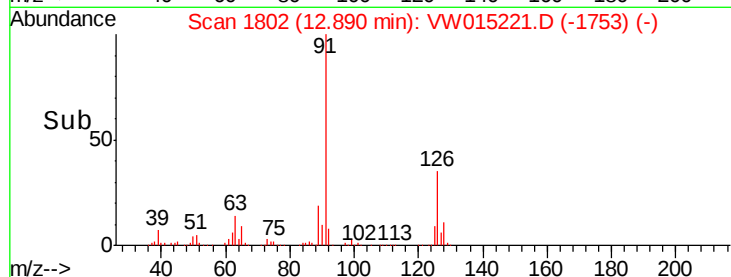
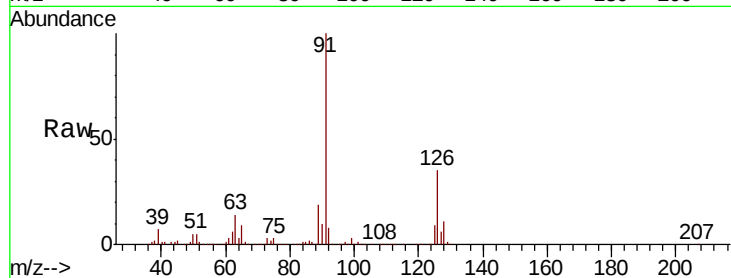
VSTDIC150

Tot Ion: 91 Resp: 1231140

Ion Ratio Lower Upper

91 100

126 35.5 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 136.839 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015221.D

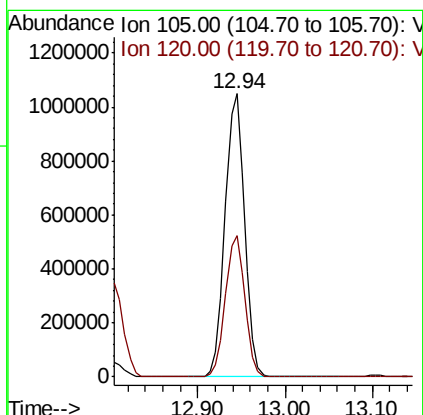
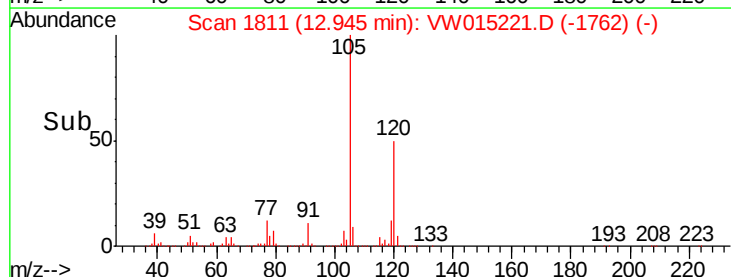
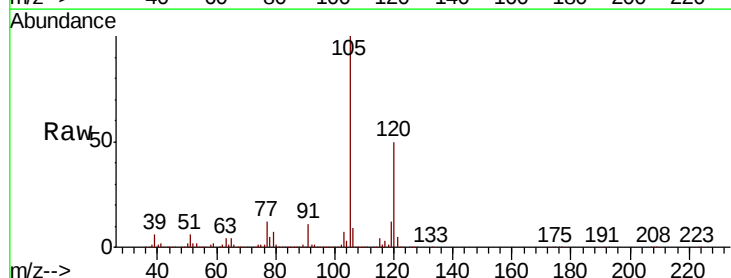
Acq: 20 Apr 2020 14:06

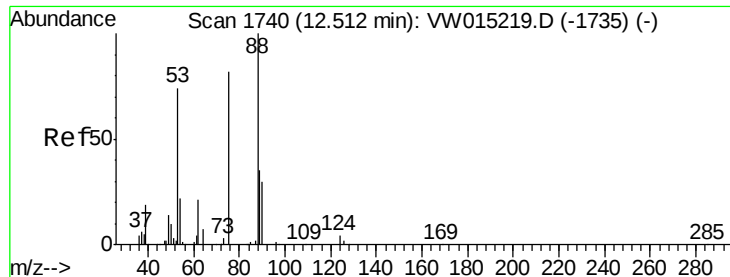
Tgt Ion:105 Resp: 1615152

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 119.239 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

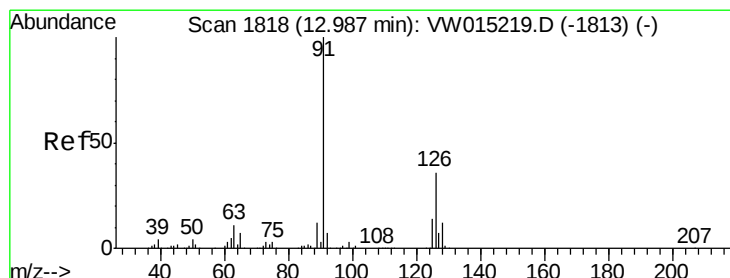
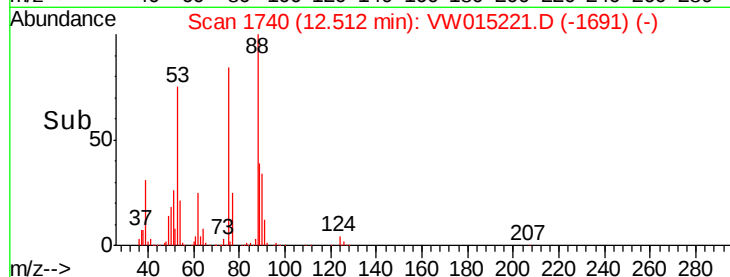
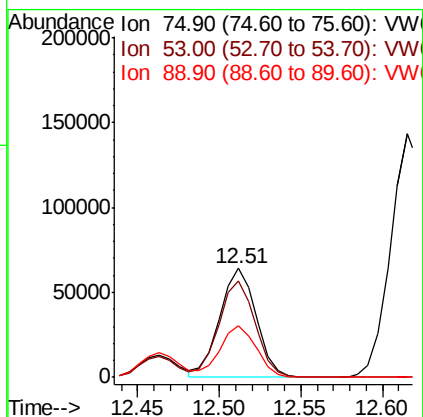
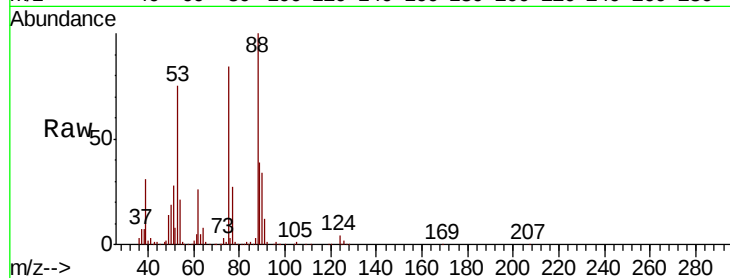
Tot Ion: 75 Resp: 99165

Ion Ratio Lower Upper

75 100

53 89.8 69.4 104.2

89 46.6 34.8 52.2



#82

4-Chlorotoluene

Concen: 131.893 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015221.D

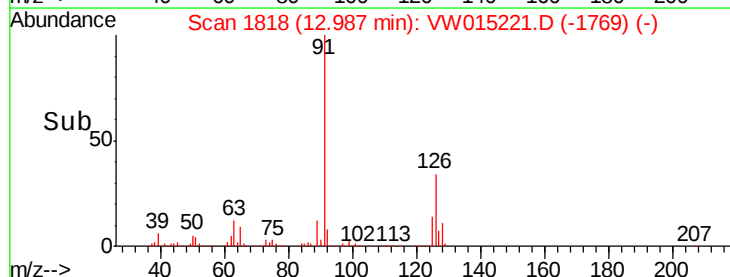
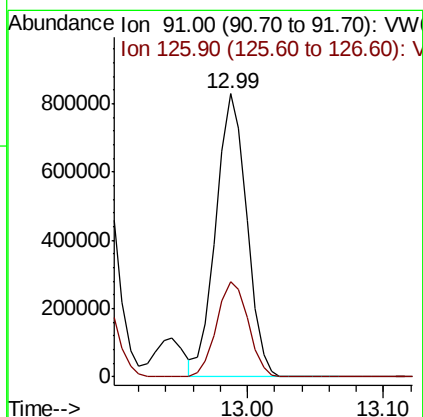
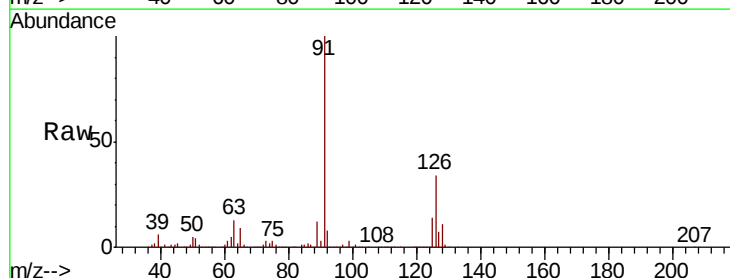
Acq: 20 Apr 2020 14:06

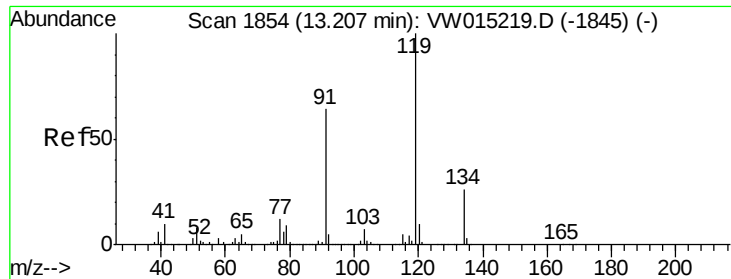
Tgt Ion: 91 Resp: 1302212

Ion Ratio Lower Upper

91 100

126 34.7 16.8 50.3

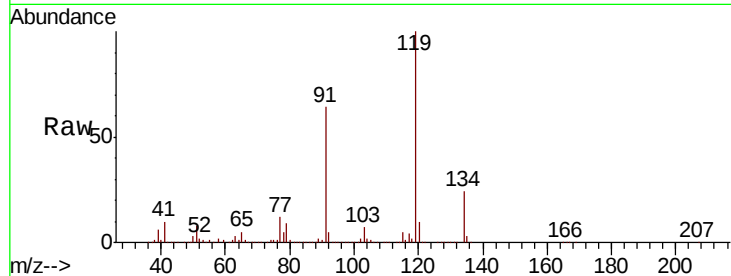




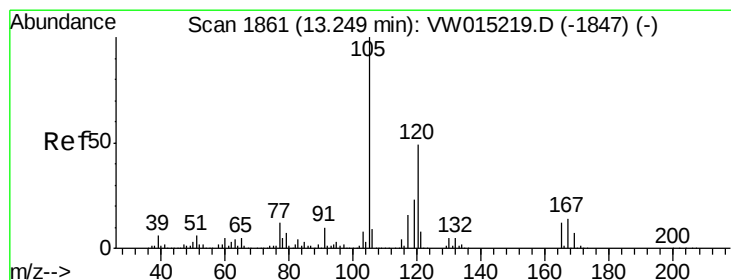
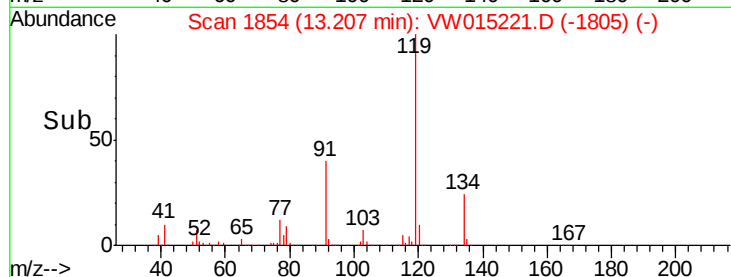
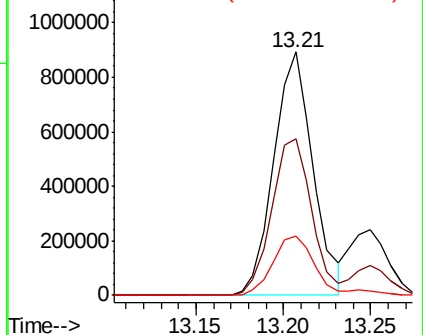
#83
tert-Butylbenzene
Concen: 136.525 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1397232
Ion Ratio Lower Upper
119 100
91 65.3 32.8 98.3
134 27.0 13.3 39.9

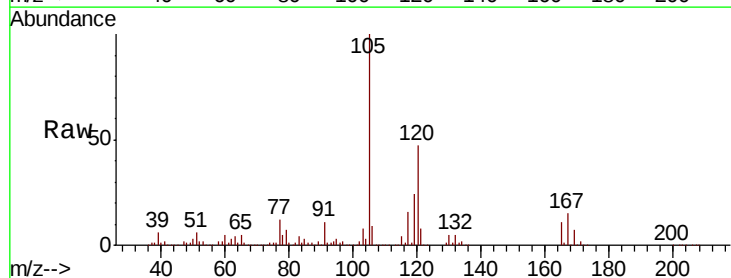


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

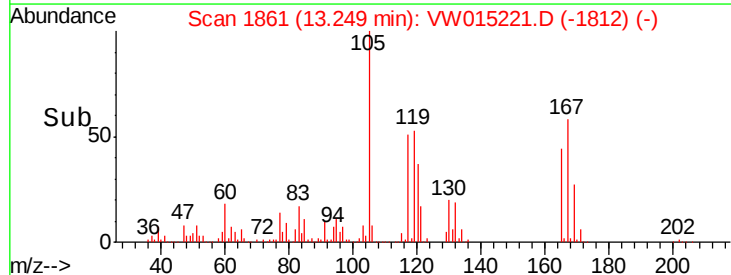
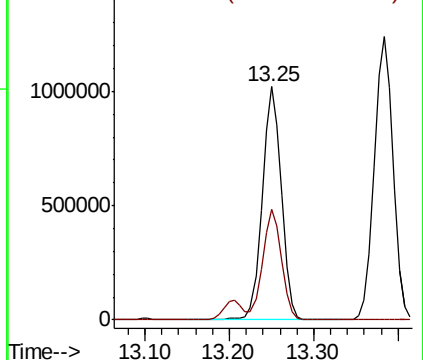


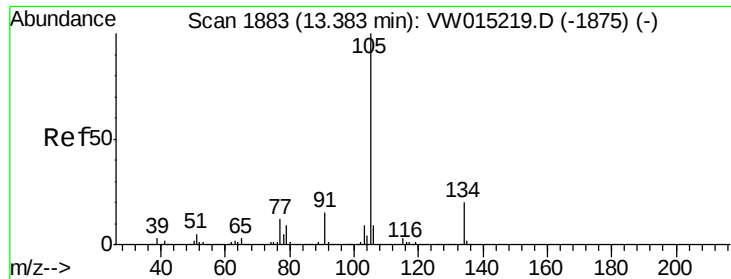
#84
1,2,4-Trimethylbenzene
Concen: 135.234 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015221.D
Acq: 20 Apr 2020 14:06

Tgt Ion:105 Resp: 1586475
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 131.834 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampled :

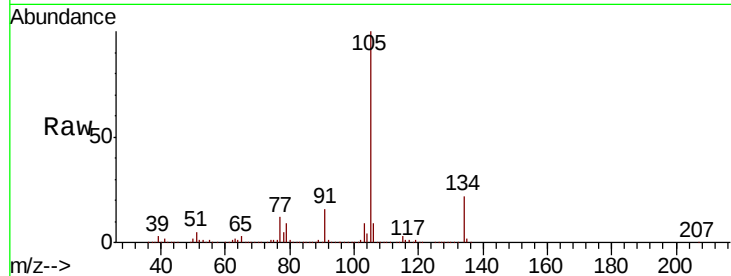
VSTDIC150

Tot Ion:105 Resp: 1917535

Ion Ratio Lower Upper

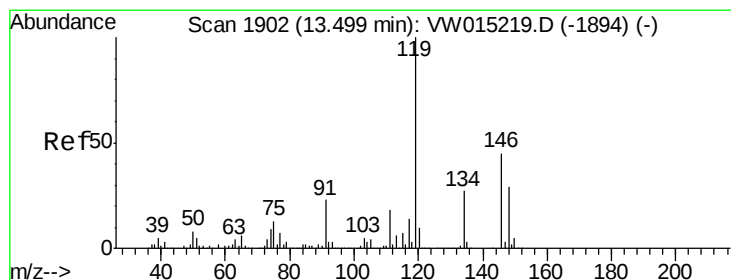
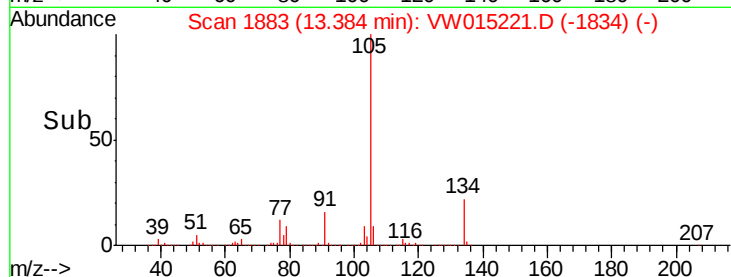
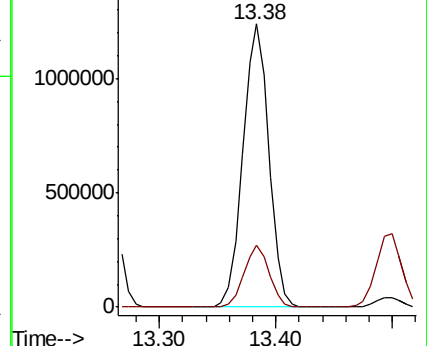
105 100

134 21.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 137.396 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

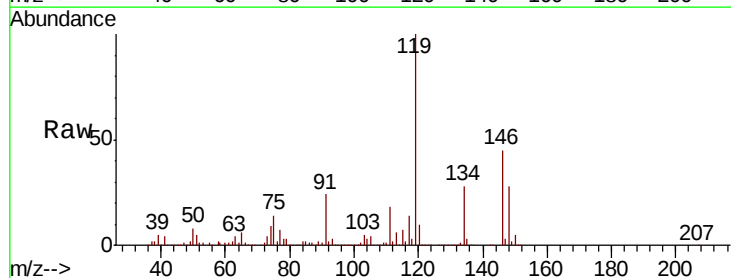
Tgt Ion:119 Resp: 1783163

Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.9

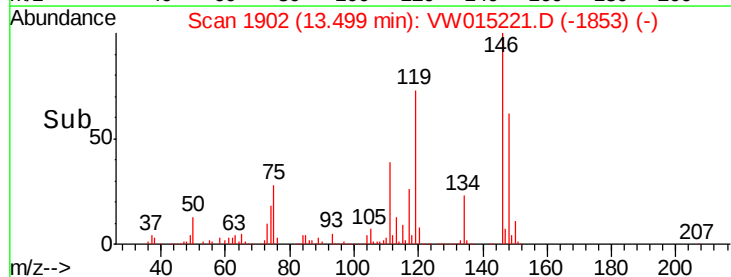
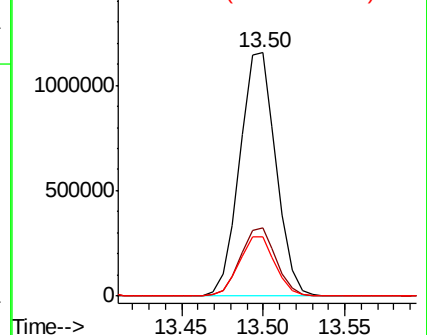
91 24.0 12.0 36.1

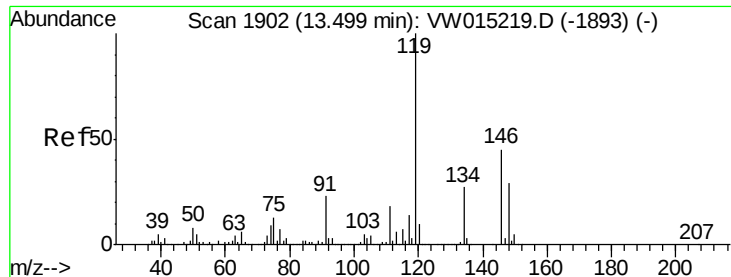


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

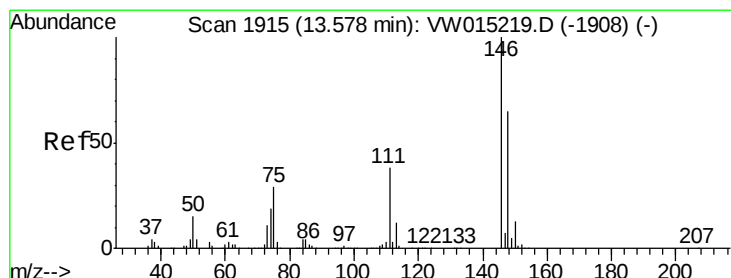
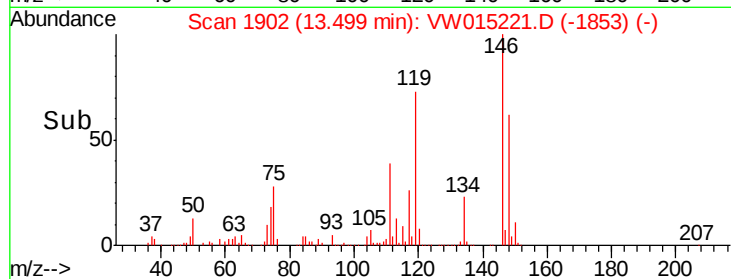
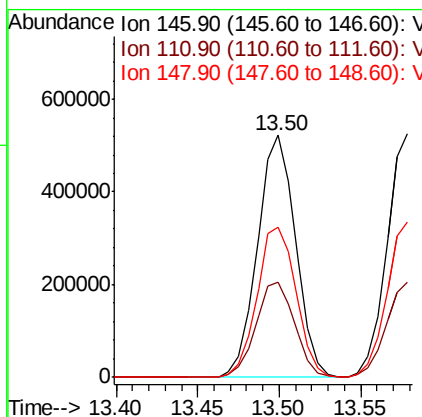
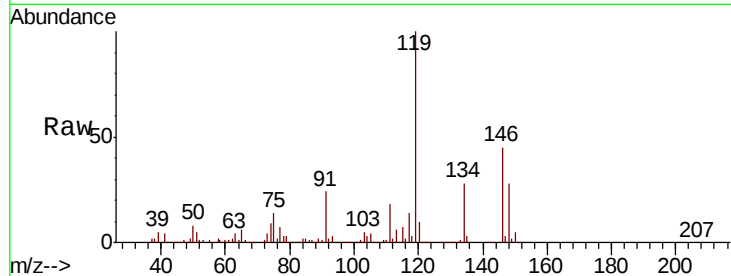




#87
 1,3-Dichlorobenzene
 Concen: 146.613 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

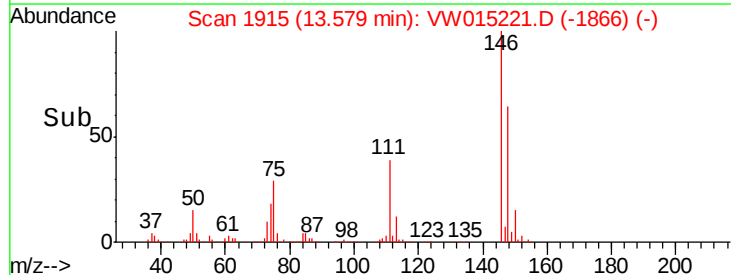
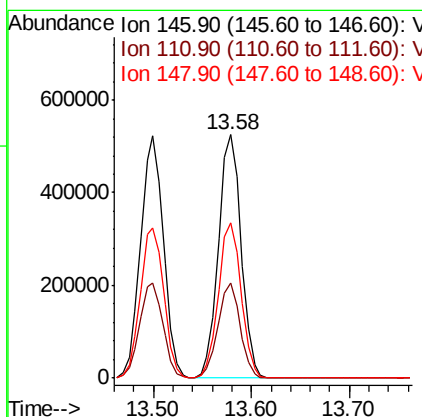
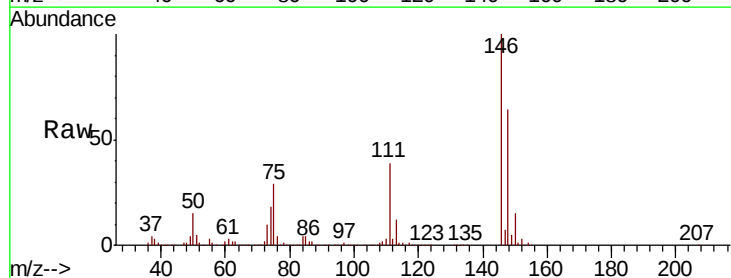
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

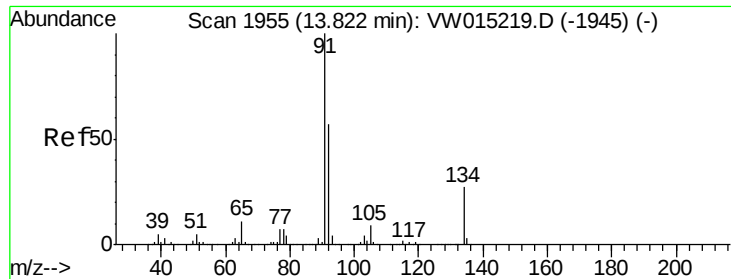
Tot Ion:146 Resp: 848260
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.1 63.4
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 147.221 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion:146 Resp: 845036
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.4 61.3
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 131.150 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

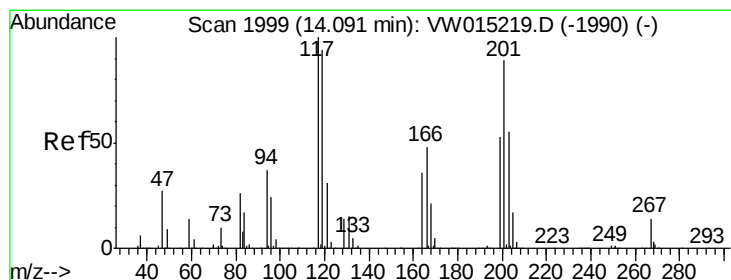
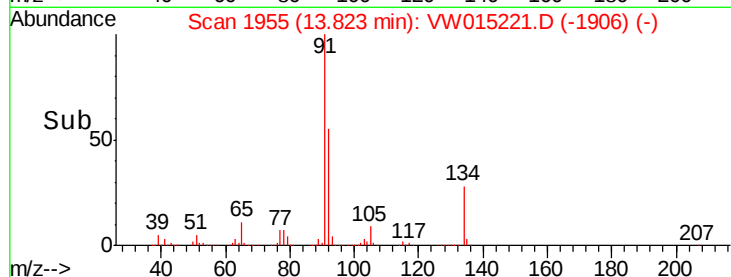
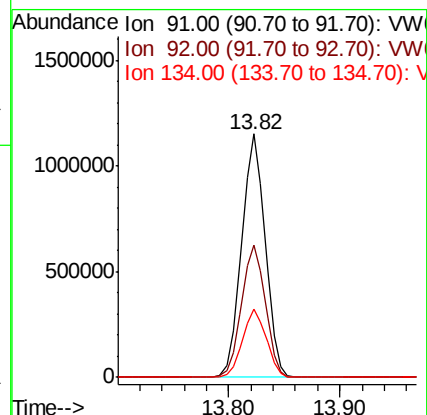
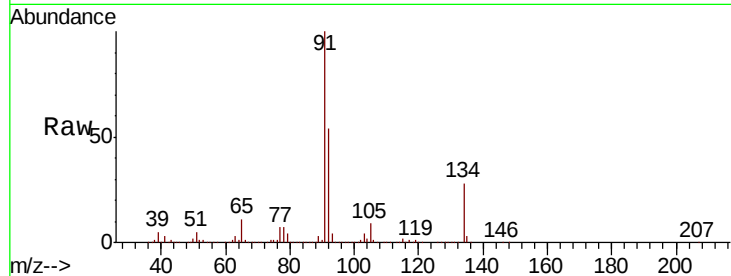
Tot Ion: 91 Resp: 1682723

Ion Ratio Lower Upper

91 100

92 55.2 27.6 82.7

134 28.3 12.8 38.3



#90

Hexachloroethane

Concen: 131.965 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015221.D

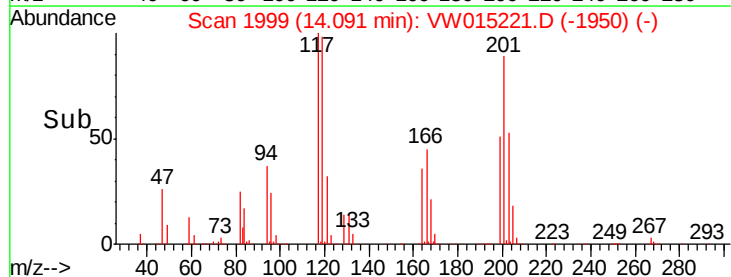
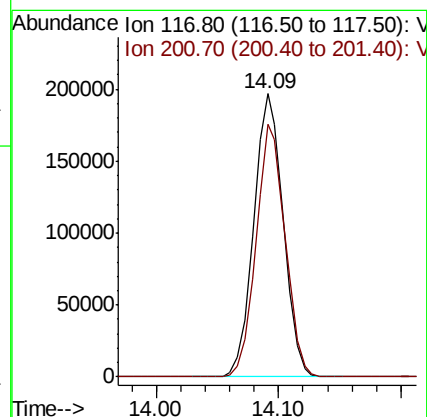
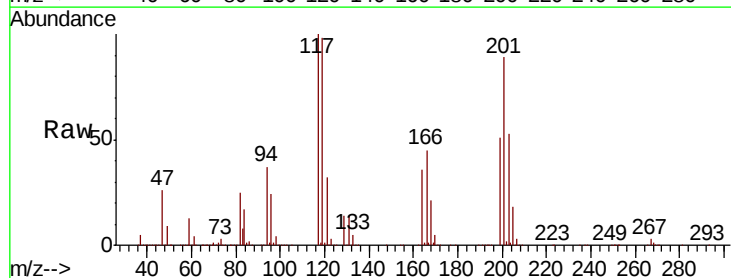
Acq: 20 Apr 2020 14:06

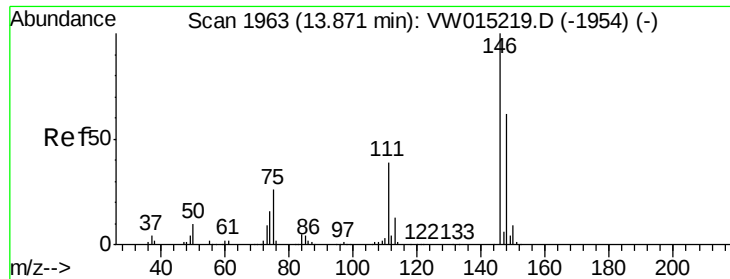
Tgt Ion: 117 Resp: 329292

Ion Ratio Lower Upper

117 100

201 87.9 33.6 100.6

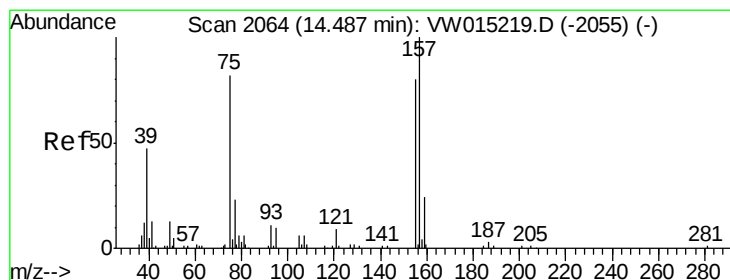
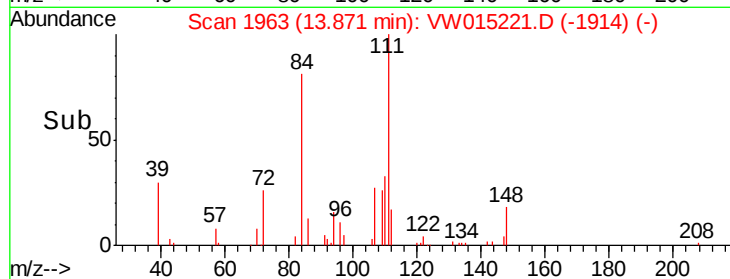
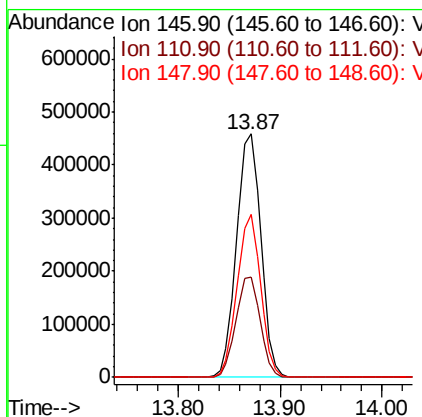
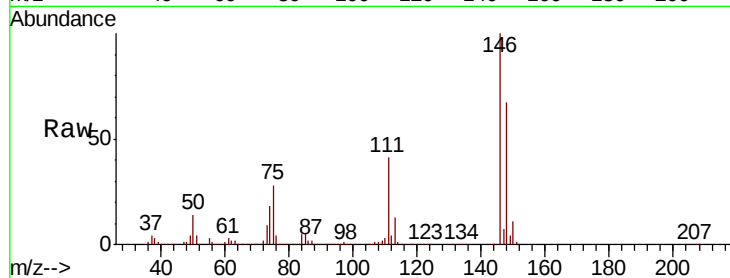




#91
 1,2-Dichlorobenzene
 Concen: 146.815 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

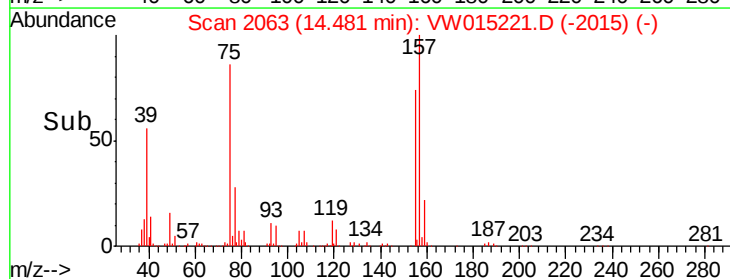
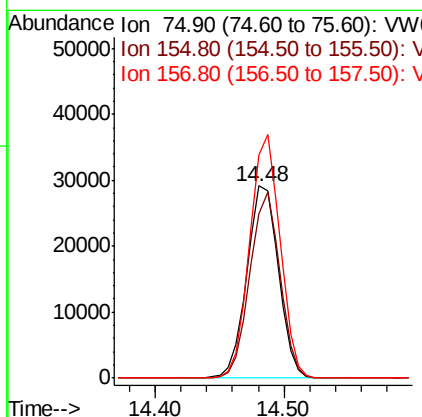
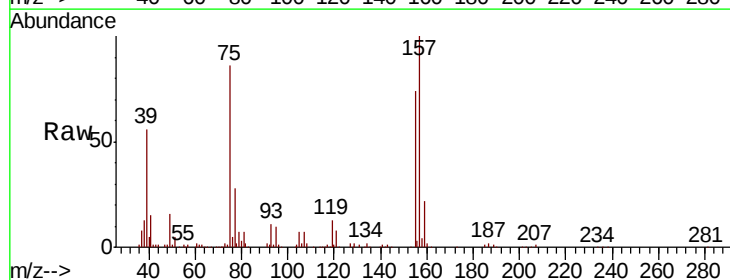
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

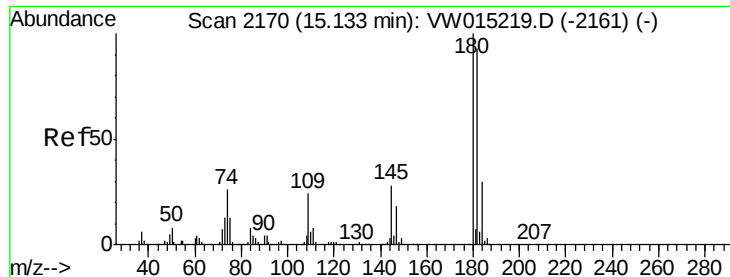
Tot Ion:146 Resp: 755220
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.6 65.0
 148 64.5 31.0 93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 129.983 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion: 75 Resp: 49430
 Ion Ratio Lower Upper
 75 100
 155 91.8 41.6 124.9
 157 121.0 53.8 161.2

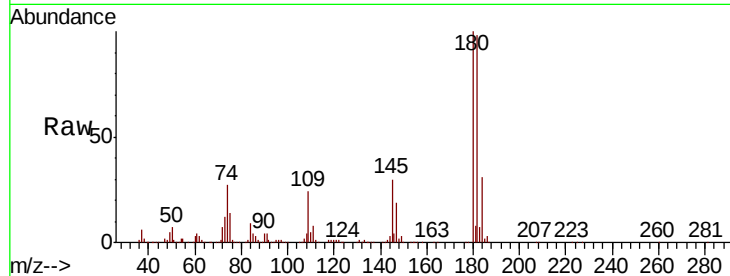




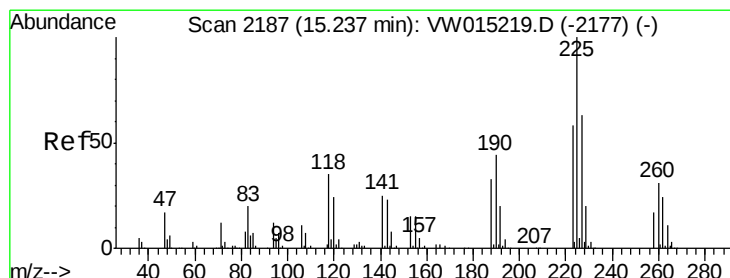
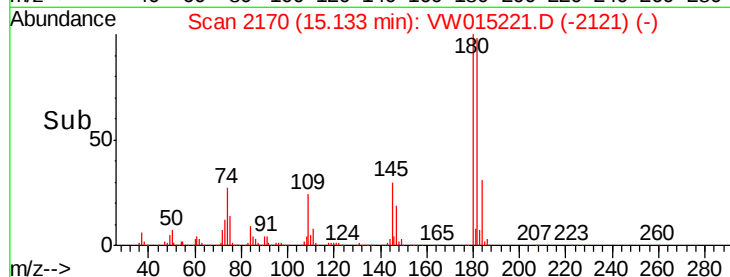
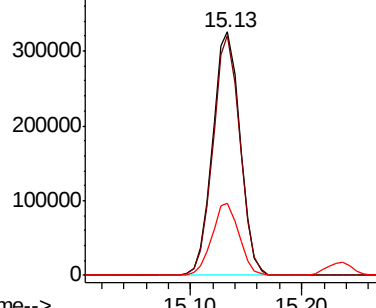
#93
 1,2,4-Trichlorobenzene
 Concen: 164.004 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.4
145	29.4	16.2	48.6

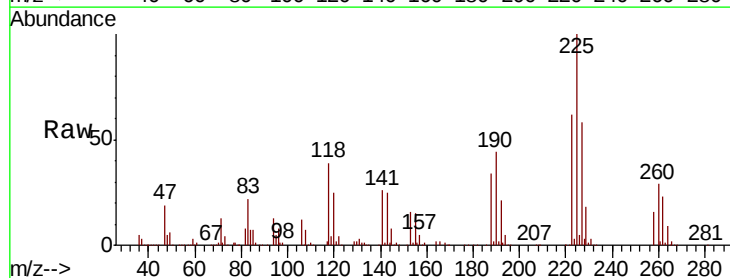


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

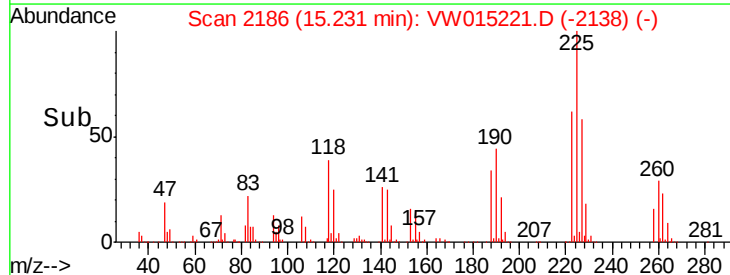
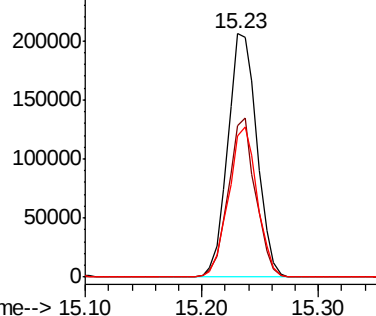


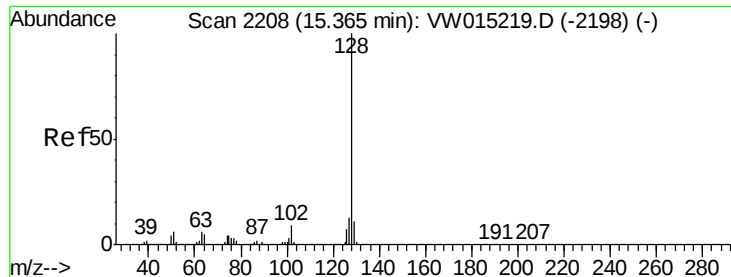
#94
 Hexachlorobutadiene
 Concen: 182.046 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015221.D
 Acq: 20 Apr 2020 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.0	93.0
227	60.6	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: 139.118 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

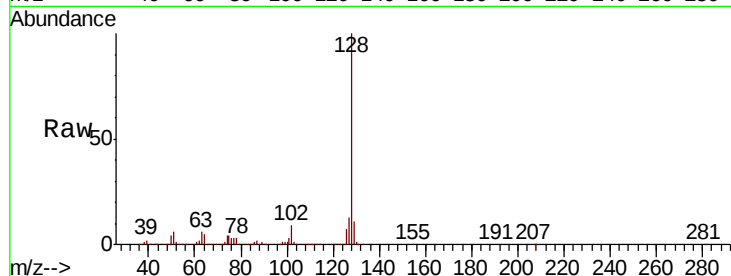
Tot Ion:128 Resp: 908394

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

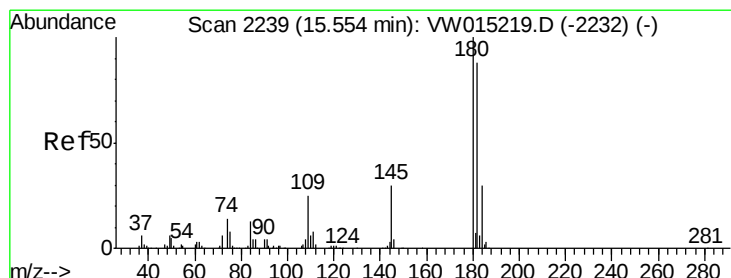
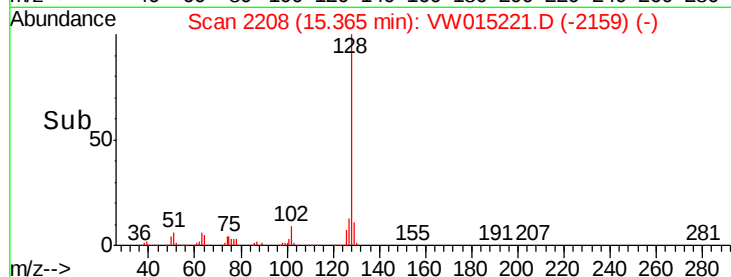
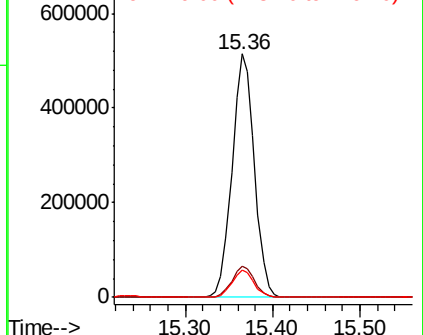
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 157.433 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW015221.D

Acq: 20 Apr 2020 14:06

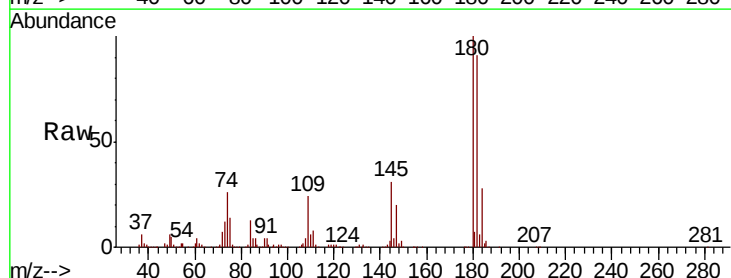
Tgt Ion:180 Resp: 458585

Ion Ratio Lower Upper

180 100

182 92.4 48.8 146.3

145 30.6 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

