

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016862.D
 Acq On : 09 Oct 2020 15:23
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Quant Time: Oct 10 05:00:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	375977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	545363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	484371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	249483	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	300060	98.12	ug/l	0.00
Spiked Amount						
			Recovery	=	196.24%	
35) Dibromofluoromethane	7.88	113	321828	96.28	ug/l	0.00
Spiked Amount						
			Recovery	=	192.56%	
50) Toluene-d8	10.33	98	1238389	98.81	ug/l	0.00
Spiked Amount						
			Recovery	=	197.62%	
62) 4-Bromofluorobenzene	12.62	95	427393	98.89	ug/l	0.00
Spiked Amount						
			Recovery	=	197.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	179625	87.588	ug/l	100
3) Chloromethane	2.22	50	204333	90.876	ug/l	98
4) Vinyl Chloride	2.37	62	302483	93.028	ug/l	98
5) Bromomethane	2.79	94	235749	94.406	ug/l	100
6) Chloroethane	2.93	64	199395	96.362	ug/l	96
7) Trichlorofluoromethane	3.26	101	236230	99.790	ug/l	99
8) Diethyl Ether	3.68	74	142398	96.308	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	301428	94.565	ug/l	100
10) Methyl Iodide	4.28	142	491347	96.420	ug/l	99
11) Tert butyl alcohol	5.23	59	72109	446.599	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	307925	97.868	ug/l	99
13) Acrolein	3.90	56	104649	517.923	ug/l	100
14) Allyl chloride	4.67	41	373259	99.107	ug/l	100
15) Acrylonitrile	5.38	53	246174	500.181	ug/l	99
16) Acetone	4.14	43	242860	490.320	ug/l	98
17) Carbon Disulfide	4.39	76	823134	98.332	ug/l	100
18) Methyl Acetate	4.68	43	109222	96.142	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	326958	96.417	ug/l	98
20) Methylene Chloride	4.92	84	311663	79.406	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	342041	96.837	ug/l	99
22) Diisopropyl ether	6.31	45	655999	95.837	ug/l	97
23) Vinyl Acetate	6.26	43	2240331	510.786	ug/l	99
24) 1,1-Dichloroethane	6.22	63	520780	95.948	ug/l	99
25) 2-Butanone	7.18	43	327471	495.923	ug/l	100
26) 2,2-Dichloropropane	7.17	77	316170	95.210	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	366661	96.922	ug/l	99
28) Bromochloromethane	7.51	49	224379	103.290	ug/l	100
29) Tetrahydrofuran	7.54	42	184336	498.385	ug/l	99
30) Chloroform	7.68	83	563595	95.515	ug/l	99
31) Cyclohexane	7.96	56	414239	89.475	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	476485	95.736	ug/l	100
36) 1,1-Dichloropropene	8.09	75	448381	95.082	ug/l	99
37) Ethyl Acetate	7.26	43	149055	96.767	ug/l	99
38) Carbon Tetrachloride	8.07	117	471270	96.139	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	528779	98.352	ug/l	98
40) Benzene	8.32	78	1241479	94.507	ug/l	99
41) Methacrylonitrile	7.49	41	94830	143.478	ug/l	92
42) 1,2-Dichloroethane	8.40	62	340027	94.628	ug/l	99
43) Isopropyl Acetate	8.43	43	298472	101.148	ug/l	99
44) Trichloroethene	9.10	130	383926	94.425	ug/l	99
45) 1,2-Dichloropropane	9.37	63	285016	95.143	ug/l	100
46) Dibromomethane	9.46	93	165063	96.334	ug/l	98
47) Bromodichloromethane	9.65	83	420405	98.678	ug/l	97
48) Methyl methacrylate	9.44	41	140297	103.175	ug/l	97
49) 1,4-Dioxane	9.48	88	37860	1920.944	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	737509	494.039	ug/l	100
52) Toluene	10.39	92	834230	96.068	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	398312	102.696	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	481673	101.675	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	235217	96.442	ug/l	99
56) Ethyl methacrylate	10.65	69	275955	104.008	ug/l	100
57) 1,3-Dichloropropane	10.93	76	386921	95.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	767213	521.819	ug/l	100
59) 2-Hexanone	10.97	43	505512	511.803	ug/l	99
60) Dibromochloromethane	11.13	129	298425	99.759	ug/l	99
61) 1,2-Dibromoethane	11.24	107	235406	97.463	ug/l	98
64) Tetrachloroethene	10.87	164	329233	95.403	ug/l	96
65) Chlorobenzene	11.66	112	921103	96.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	333859	99.367	ug/l	99
67) Ethyl Benzene	11.73	91	1615330	97.571	ug/l	99
68) m/p-Xylenes	11.84	106	1275946	198.164	ug/l	98
69) o-Xylene	12.17	106	601892	101.865	ug/l	97
70) Styrene	12.18	104	976519	99.299	ug/l	99
71) Bromoform	12.35	173	181674	107.705	ug/l #	98
73) Isopropylbenzene	12.46	105	1625668	98.037	ug/l	99
74) N-amyl acetate	12.27	43	275665	103.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	253148	97.298	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	321003	199.445	ug/l	26
77) Bromobenzene	12.75	156	384624	93.833	ug/l	96
78) n-propylbenzene	12.80	91	1864844	97.515	ug/l	99
79) 2-Chlorotoluene	12.90	91	1053759	96.594	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1360261	97.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	78065	112.718	ug/l	97
82) 4-Chlorotoluene	12.99	91	1087328	96.551	ug/l	100
83) tert-Butylbenzene	13.21	119	1207179	100.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1359137	98.152	ug/l	100
85) sec-Butylbenzene	13.38	105	1661597	98.903	ug/l	100
86) p-Isopropyltoluene	13.50	119	1542322	98.589	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	752410	94.921	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	742204	95.017	ug/l	99
89) n-Butylbenzene	13.82	91	1400865	99.399	ug/l	98
90) Hexachloroethane	14.10	117	248614	102.993	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	646776	94.569	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41192	103.384	ug/l	97

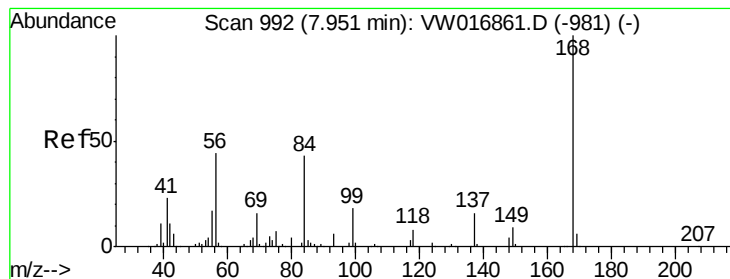
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	477472	101.182	ug/l	99
94) Hexachlorobutadiene	15.24	225	299997	98.069	ug/l	99
95) Naphthalene	15.37	128	850303	110.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	415279	101.157	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

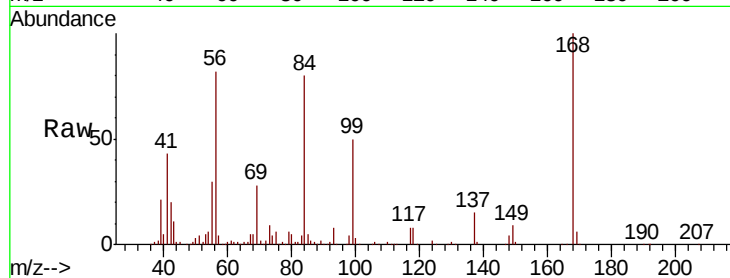
VSTDIC100

Tot Ion:168 Resp: 375977

Ion Ratio Lower Upper

168 100

99 50.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

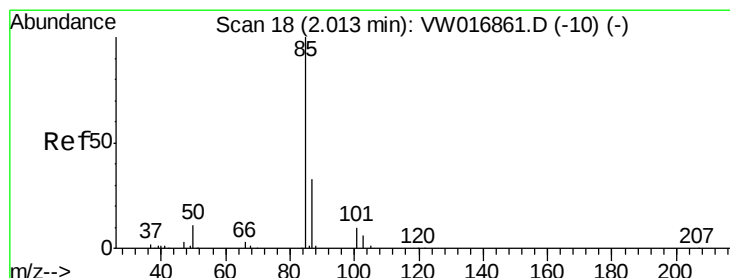
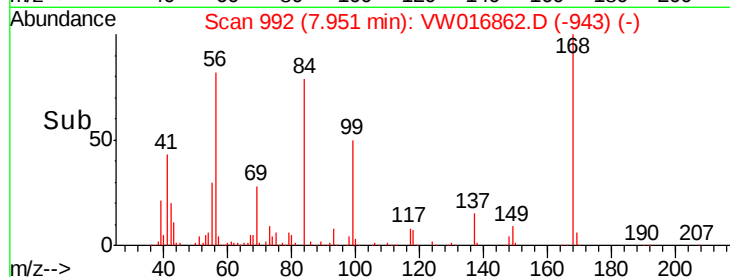
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 87.588 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016862.D

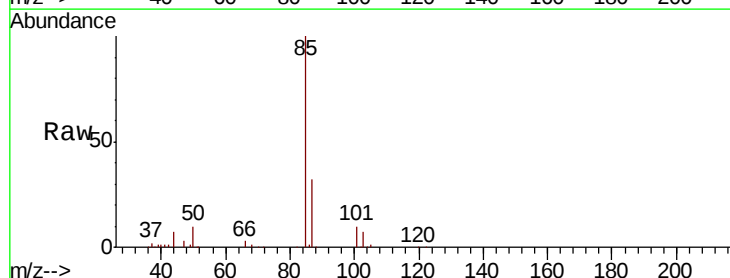
Acq: 09 Oct 2020 15:23

Tgt Ion: 85 Resp: 179625

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

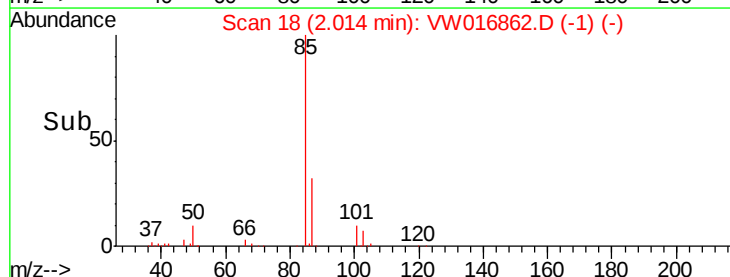
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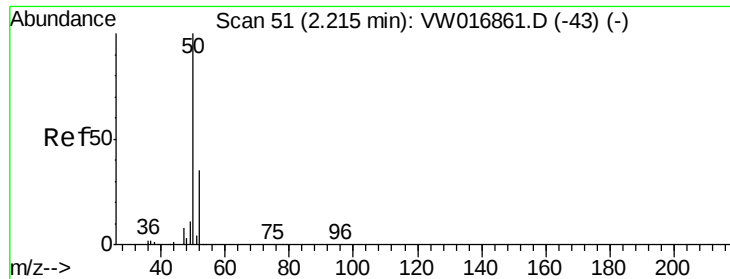
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0

2.00 2.20

Time-->

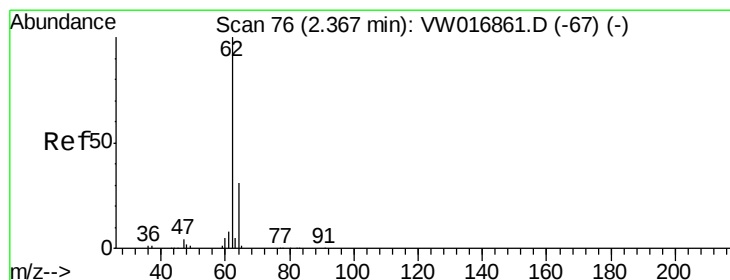
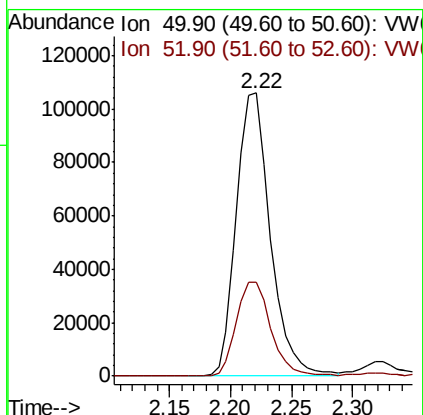
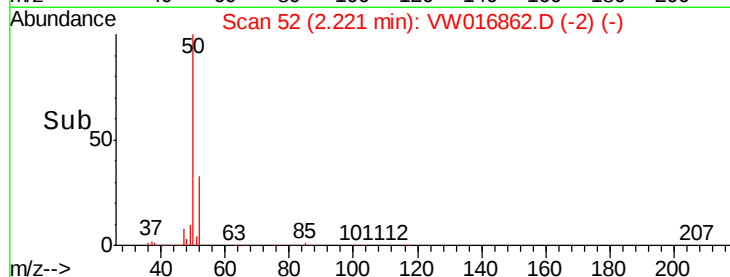
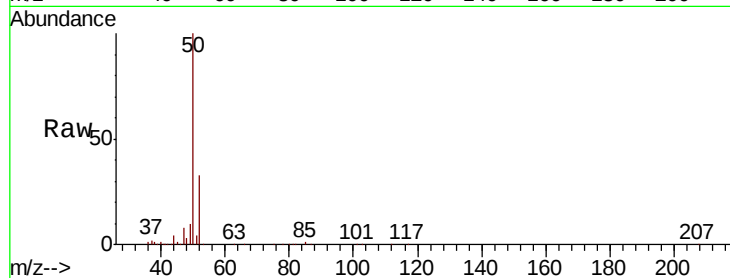




#3
Chloromethane
Concen: 90.876 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

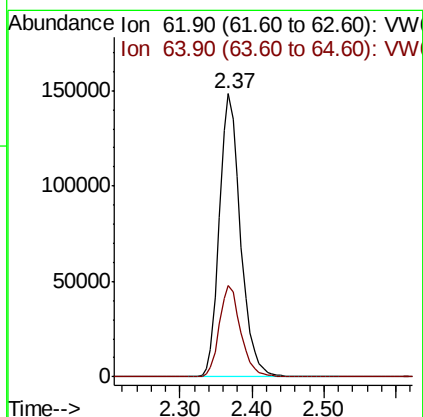
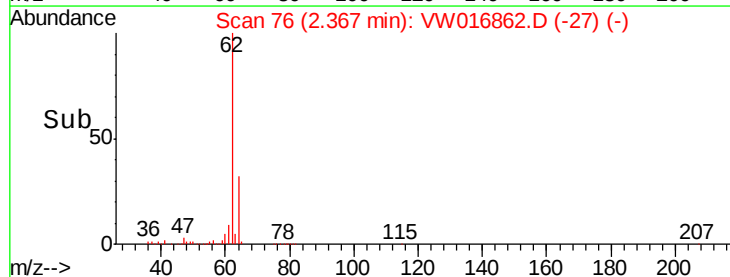
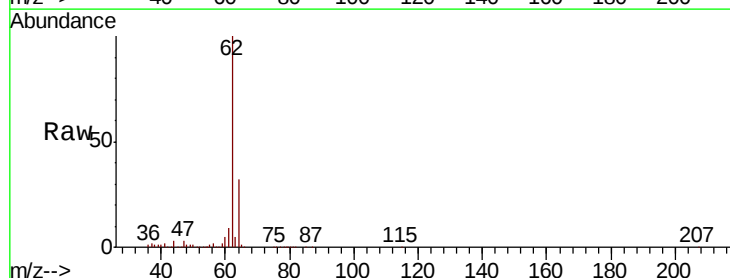
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

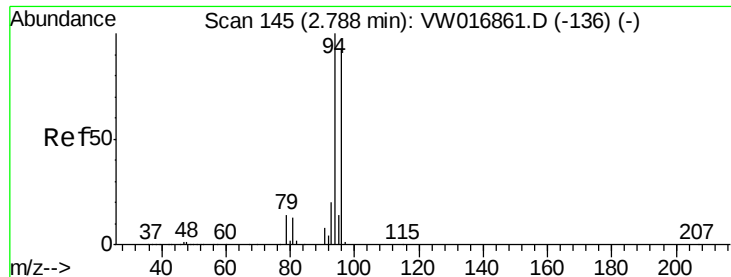
Tot Ion: 50 Resp: 204333
Ion Ratio Lower Upper
50 100
52 33.3 27.6 41.4



#4
Vinyl Chloride
Concen: 93.028 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 62 Resp: 302483
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5

Bromomethane

Concen: 94.406 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

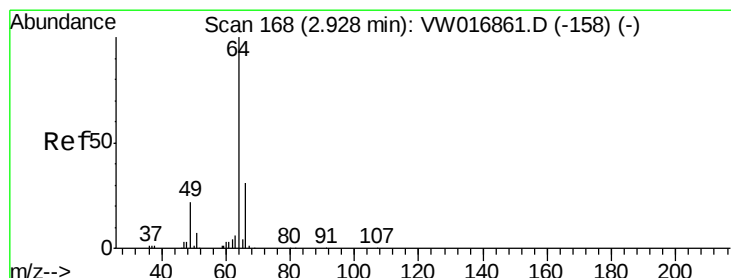
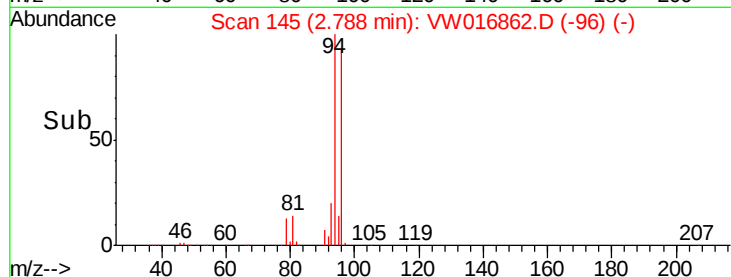
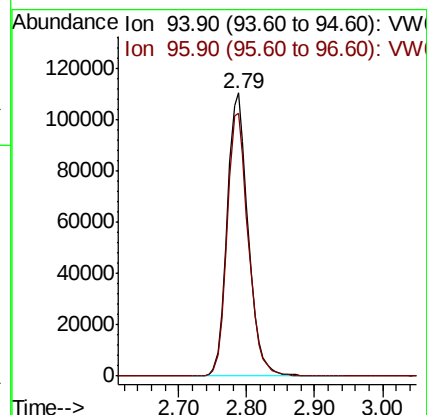
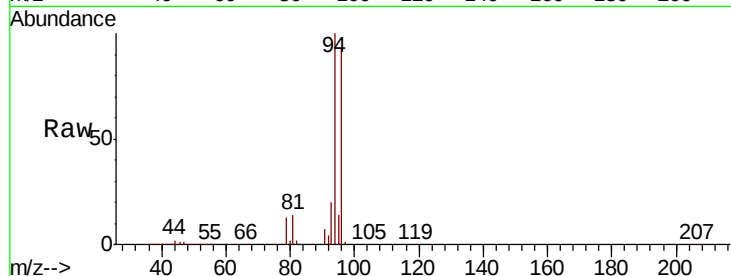
VSTDIC100

Tot Ion: 94 Resp: 235749

Ion Ratio Lower Upper

94 100

96 92.9 74.7 112.1



#6

Chloroethane

Concen: 96.362 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016862.D

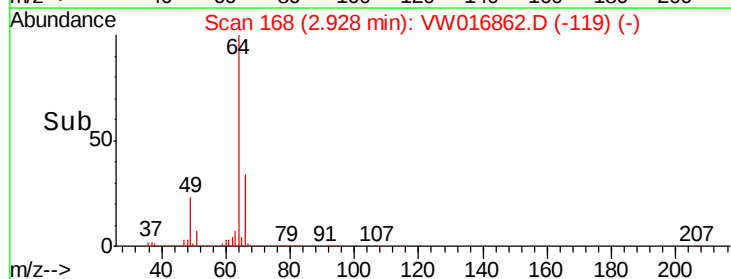
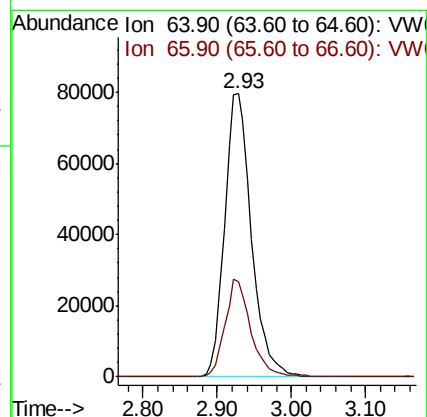
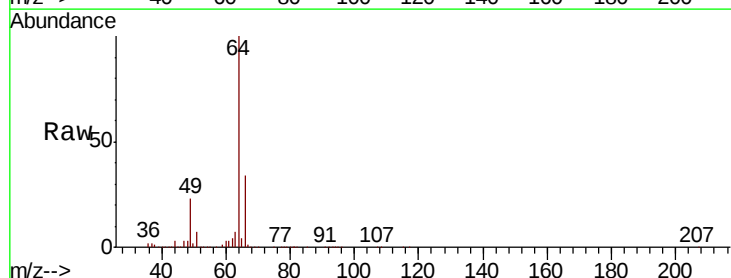
Acq: 09 Oct 2020 15:23

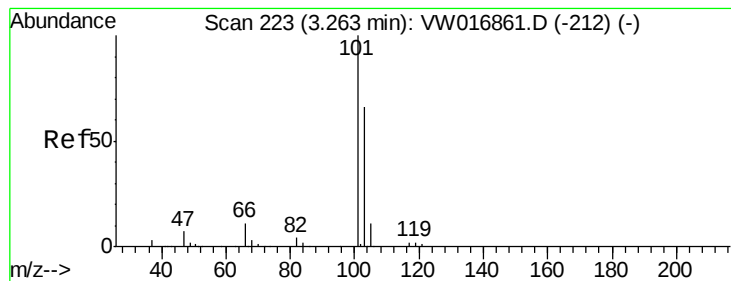
Tgt Ion: 64 Resp: 199395

Ion Ratio Lower Upper

64 100

66 33.6 25.0 37.6



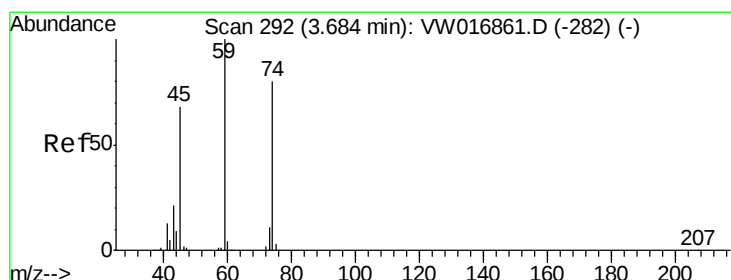
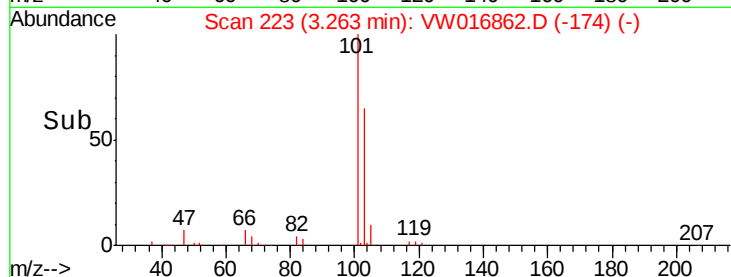
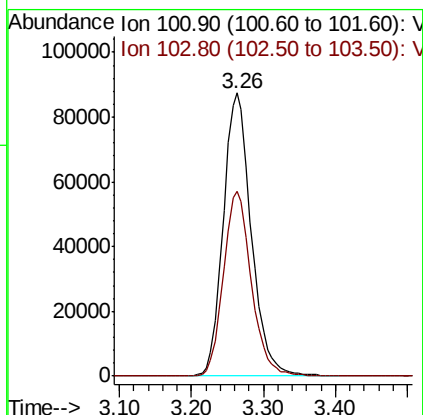
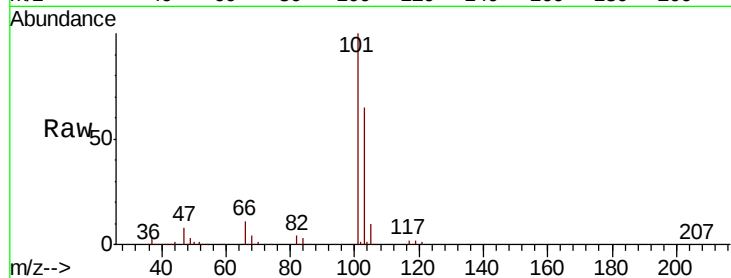


#7

Trichlorofluoromethane
 Concen: 99.790 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
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 ClientSampleId :
 VSTDIC100

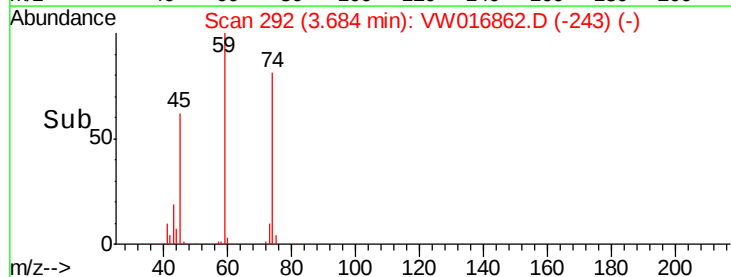
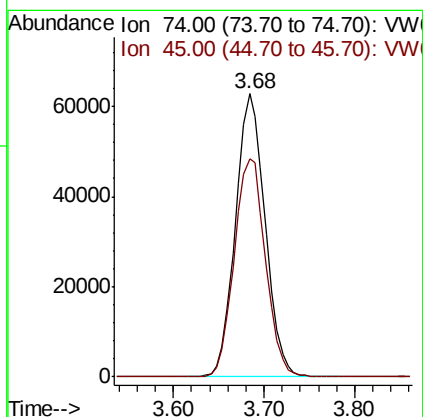
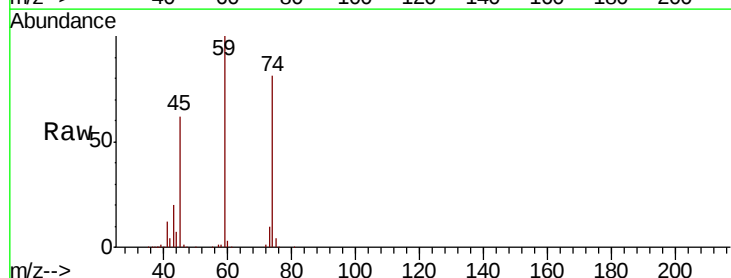
Tot Ion:101 Resp: 236230
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.6 79.0

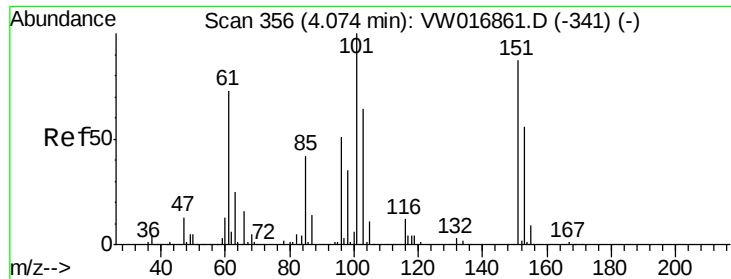


#8

Diethyl Ether
 Concen: 96.308 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 74 Resp: 142398
 Ion Ratio Lower Upper
 74 100
 45 81.3 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.565 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

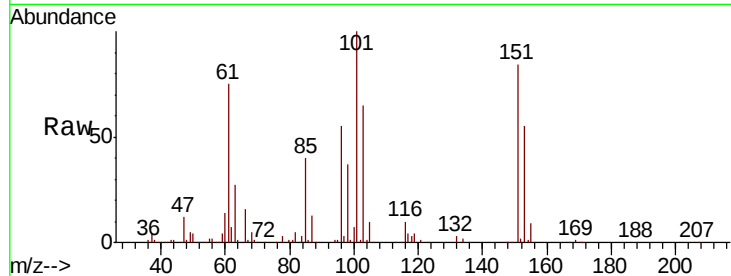
Tot Ion:101 Resp: 301428

Ion Ratio Lower Upper

101 100

85 41.2 33.2 49.8

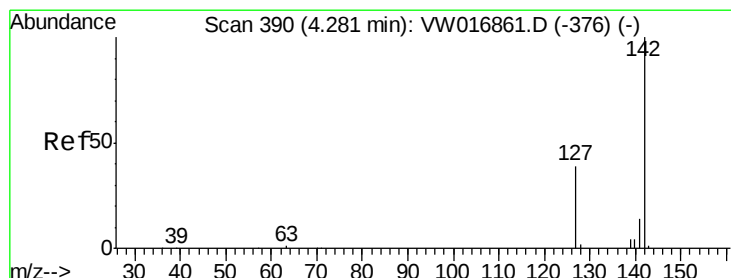
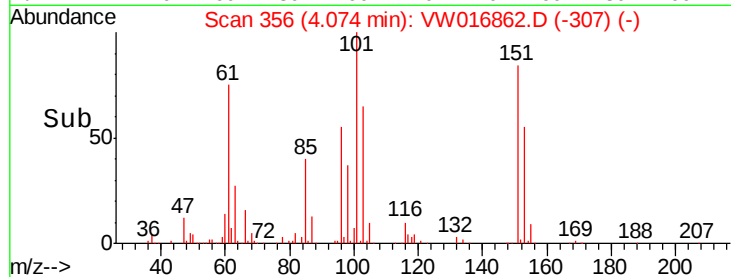
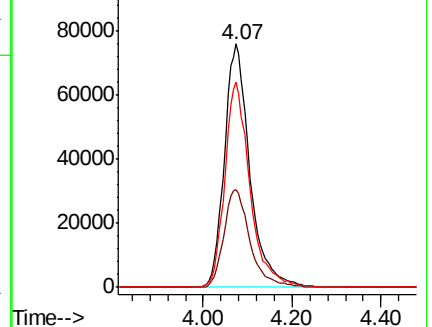
151 83.4 66.6 100.0



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: 96.420 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

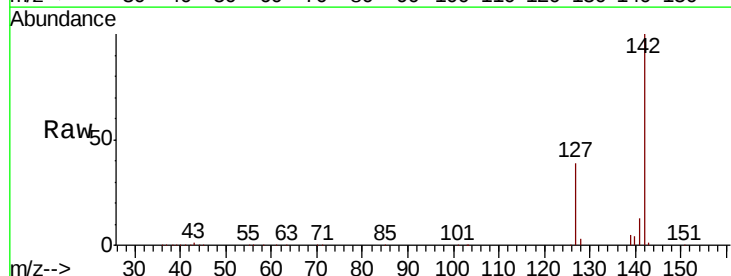
Tgt Ion:142 Resp: 491347

Ion Ratio Lower Upper

142 100

127 41.4 32.4 48.6

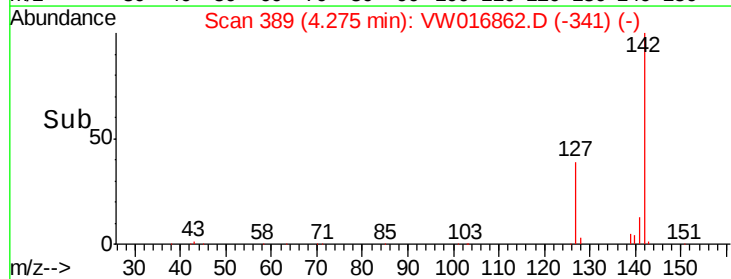
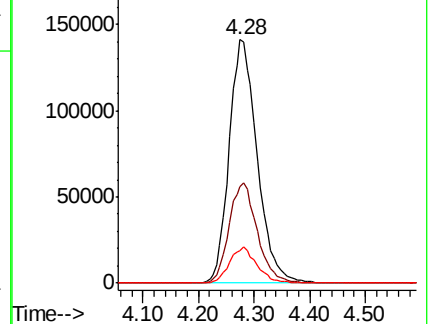
141 14.3 11.4 17.0

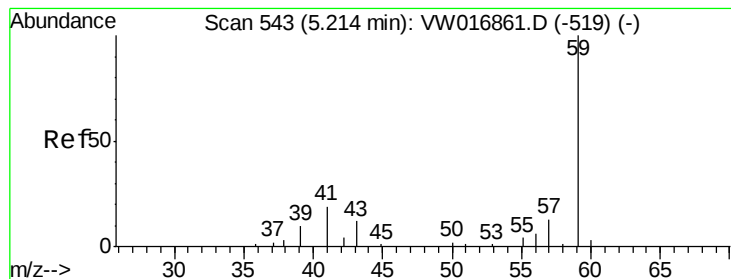


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



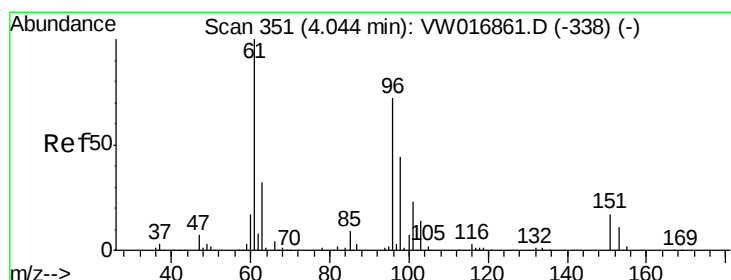
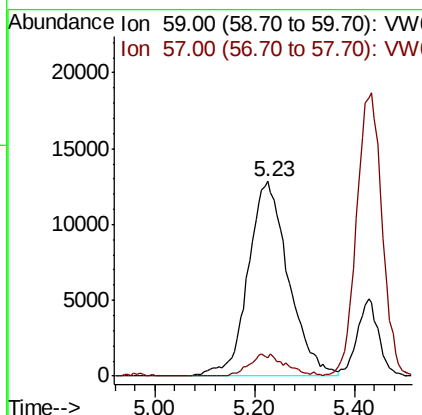
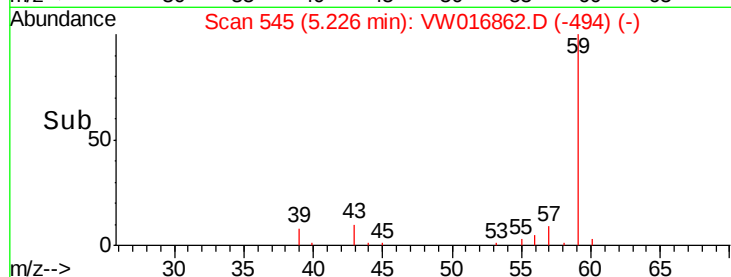
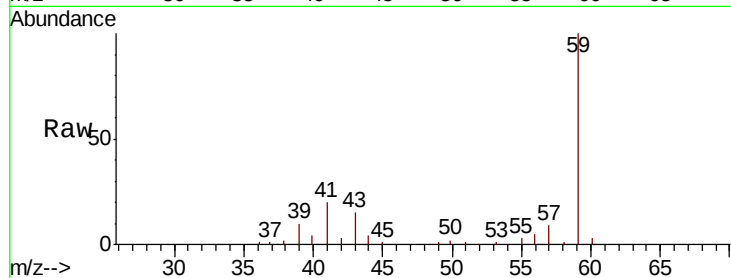


#11

Tert butyl alcohol
Concen: 446.599 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

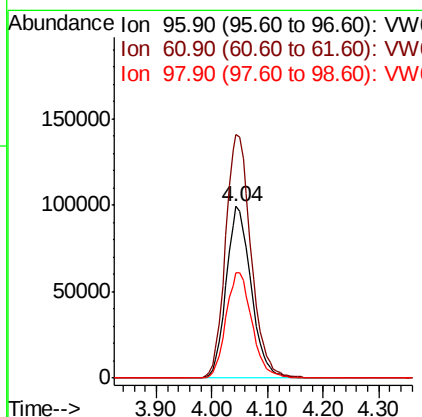
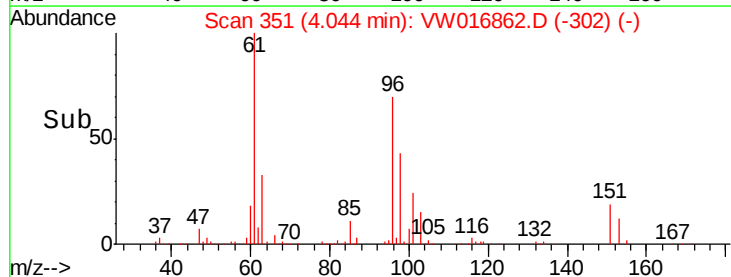
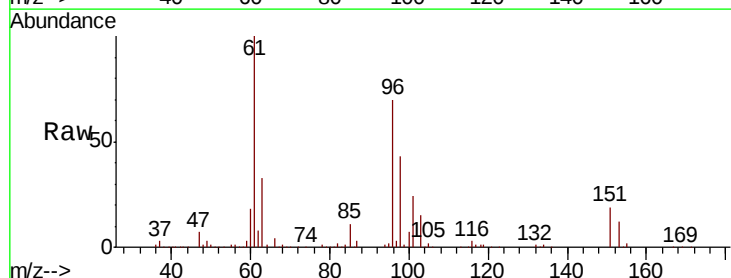
Tot Ion: 59 Resp: 72109
Ion Ratio Lower Upper
59 100
57 10.2 4.7 7.1#

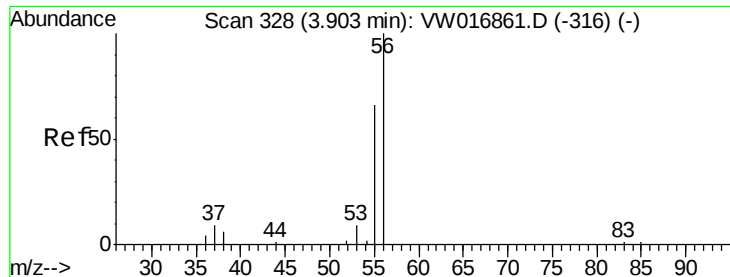


#12

1,1-Dichloroethene
Concen: 97.868 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 96 Resp: 307925
Ion Ratio Lower Upper
96 100
61 142.0 111.7 167.5
98 61.4 49.0 73.4





#13

Acrolein

Concen: 517.923 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

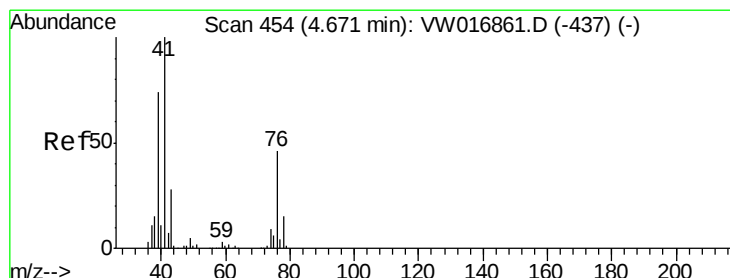
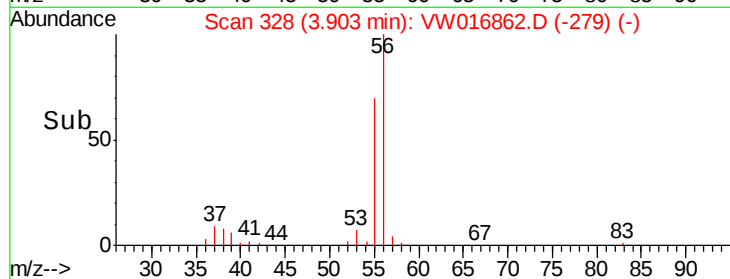
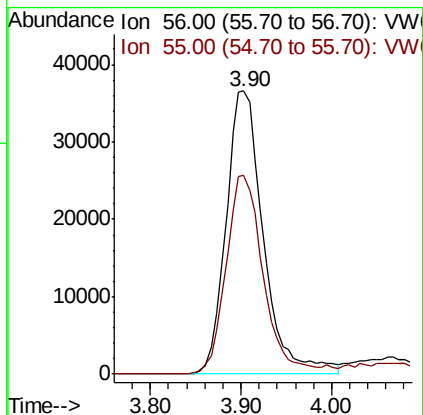
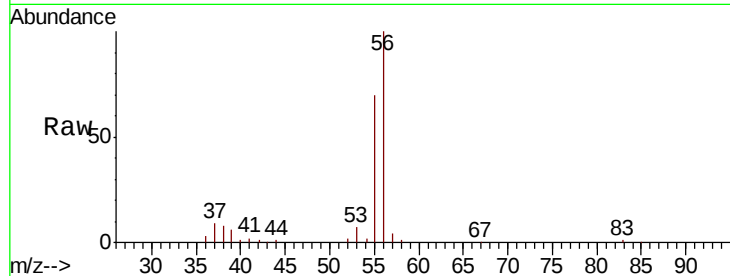
VSTDIC100

Tot Ion: 56 Resp: 104649

Ion Ratio Lower Upper

56 100

55 69.9 55.9 83.9



#14

Allyl chloride

Concen: 99.107 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

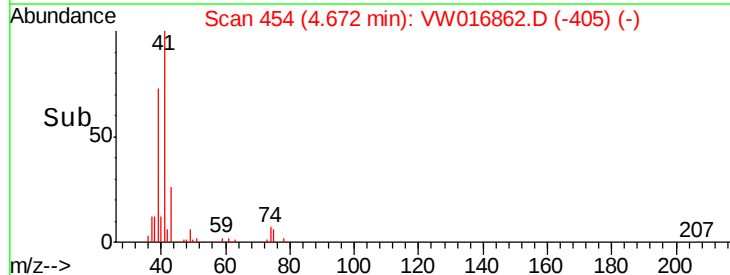
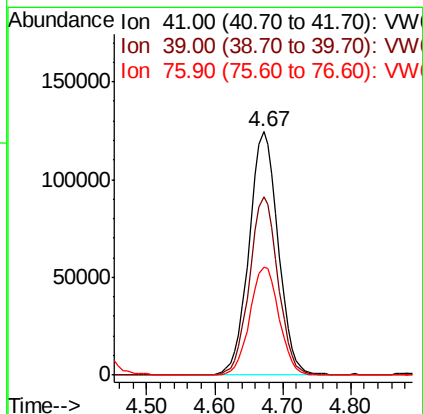
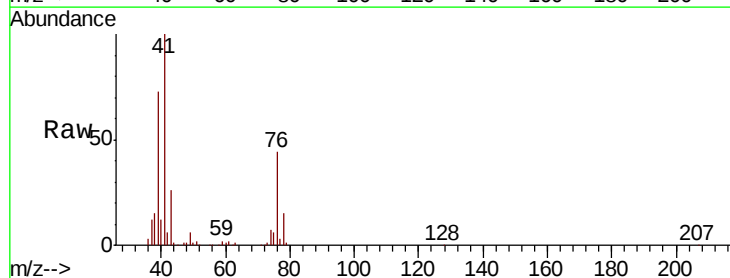
Tgt Ion: 41 Resp: 373259

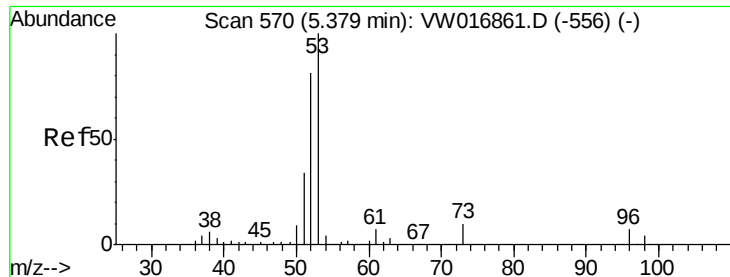
Ion Ratio Lower Upper

41 100

39 71.8 57.8 86.8

76 44.0 35.1 52.7





#15

Acrylonitrile

Concen: 500.181 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

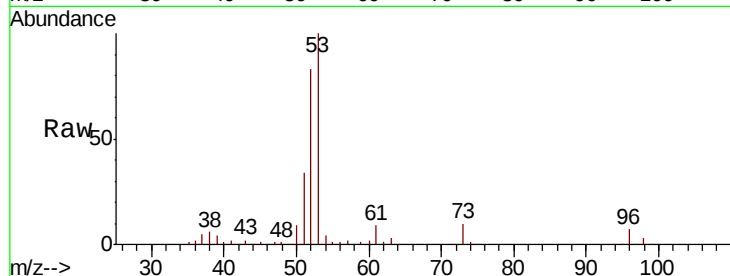
Tot Ion: 53 Resp: 246174

Ion Ratio Lower Upper

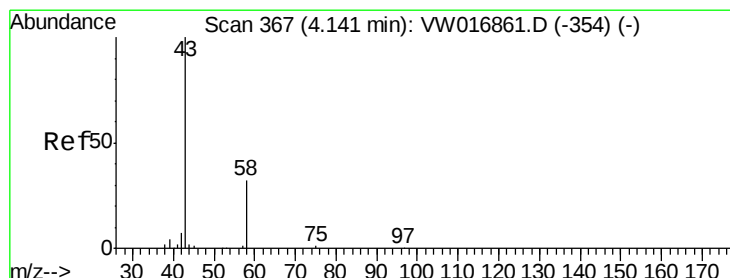
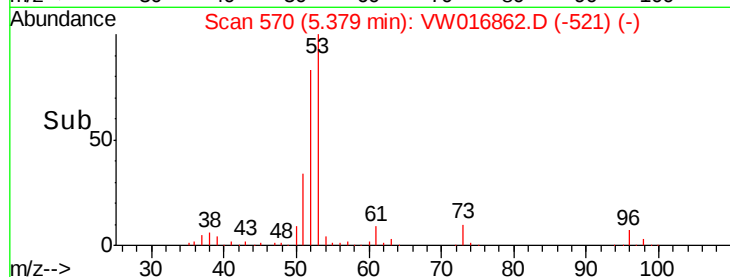
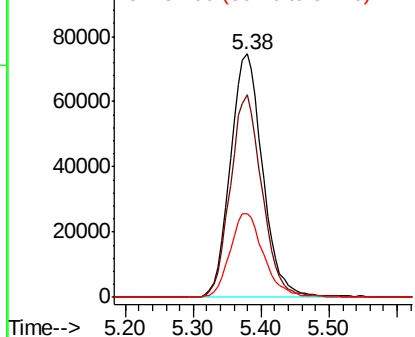
53 100

52 82.0 65.0 97.4

51 36.1 29.1 43.7



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



#16

Acetone

Concen: 490.320 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016862.D

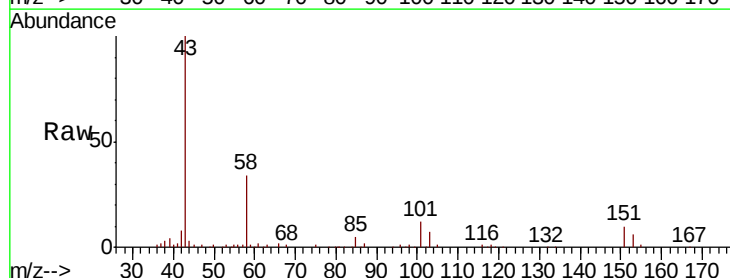
Acq: 09 Oct 2020 15:23

Tgt Ion: 43 Resp: 242860

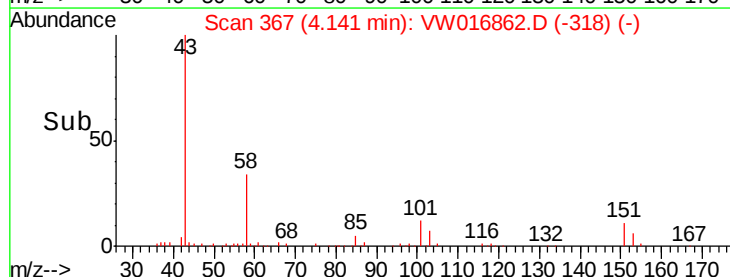
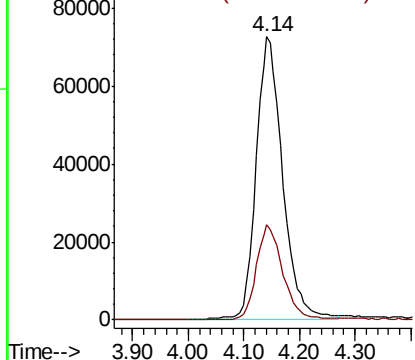
Ion Ratio Lower Upper

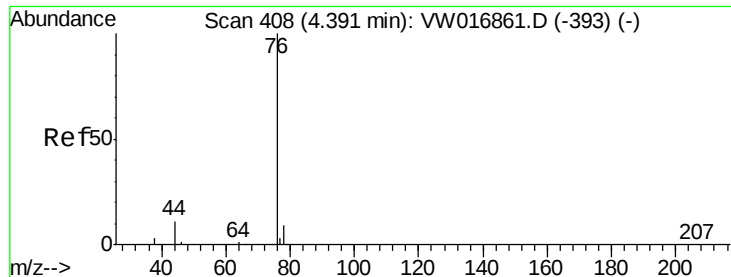
43 100

58 33.4 25.7 38.5



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





#17

Carbon Disulfide

Concen: 98.332 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

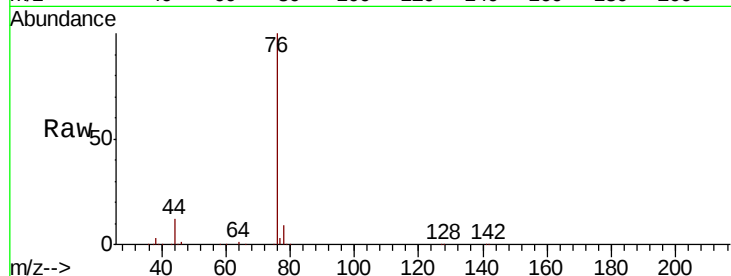
VSTDIC100

Tot Ion: 76 Resp: 823134

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

250000

200000

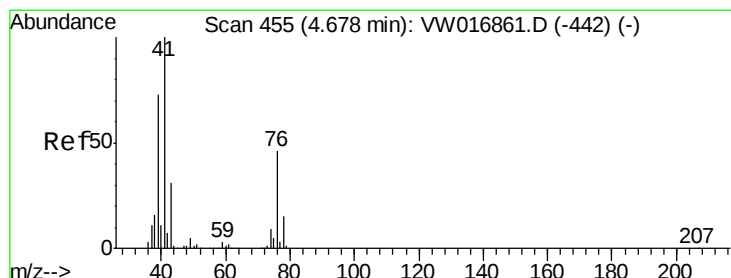
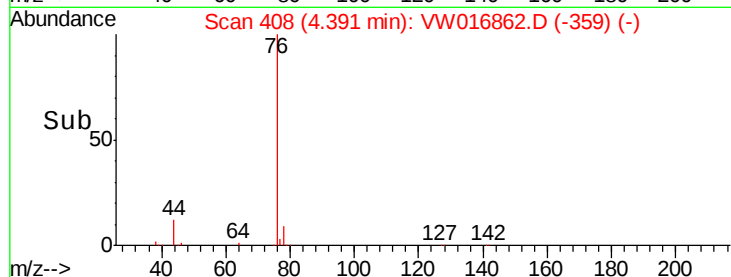
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 96.142 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW016862.D

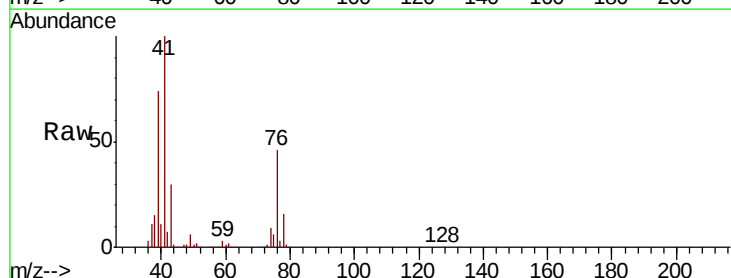
Acq: 09 Oct 2020 15:23

Tgt Ion: 43 Resp: 109222

Ion Ratio Lower Upper

43 100

74 29.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

40000

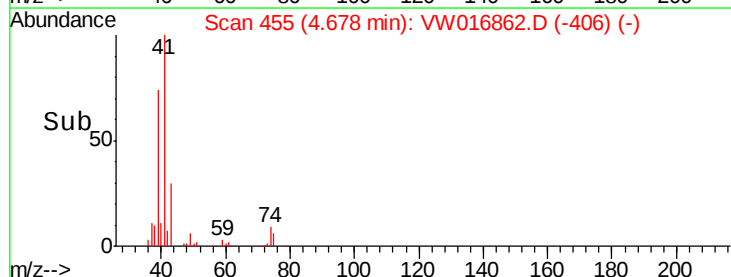
30000

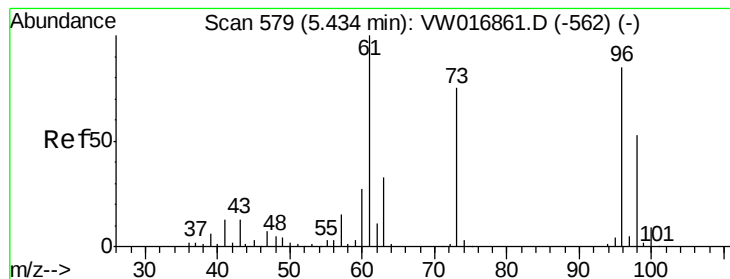
20000

10000

0

Time-->



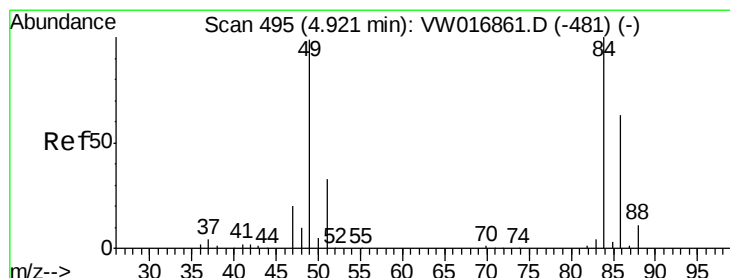
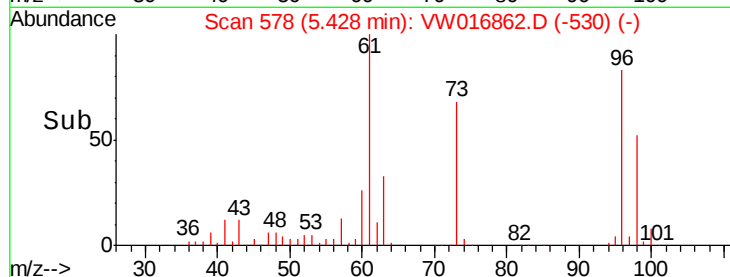
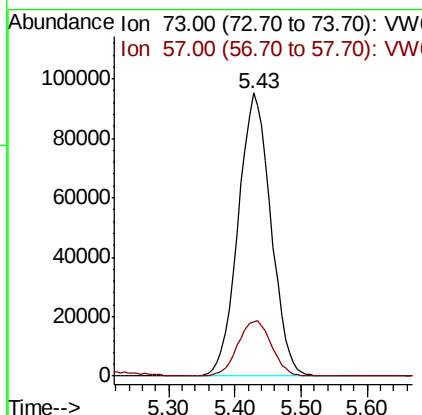
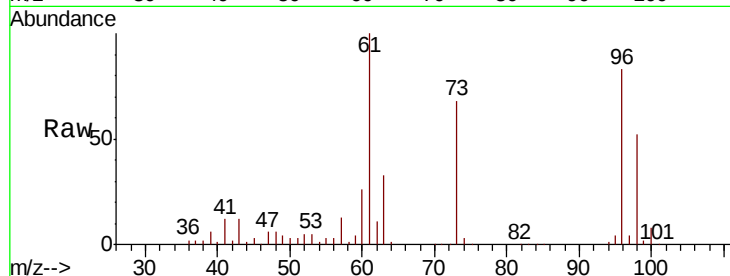


#19

Methyl tert-butyl Ether
 Concen: 96.417 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

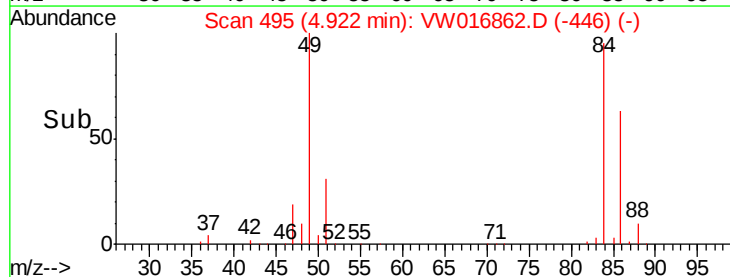
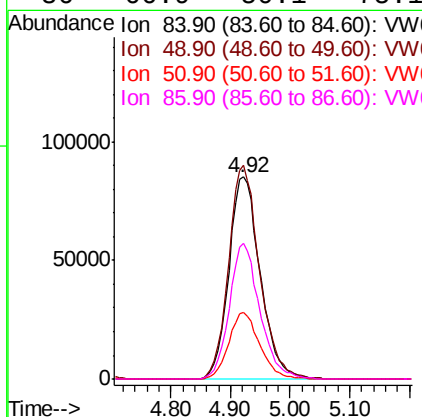
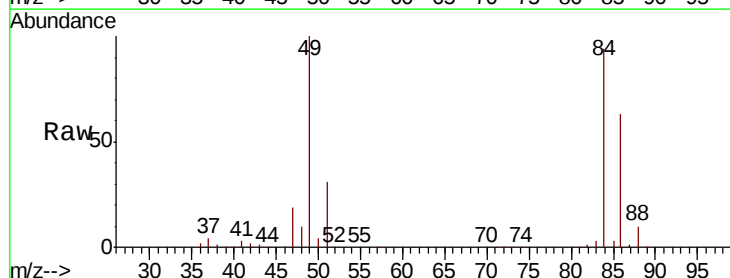
Tot Ion: 73 Resp: 326958
 Ion Ratio Lower Upper
 73 100
 57 19.3 16.1 24.1

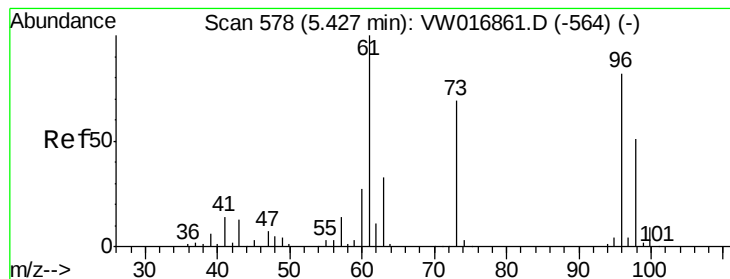


#20

Methylene Chloride
 Concen: 79.406 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 84 Resp: 311663
 Ion Ratio Lower Upper
 84 100
 49 105.8 79.0 118.6
 51 32.8 26.1 39.1
 86 66.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 96.837 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

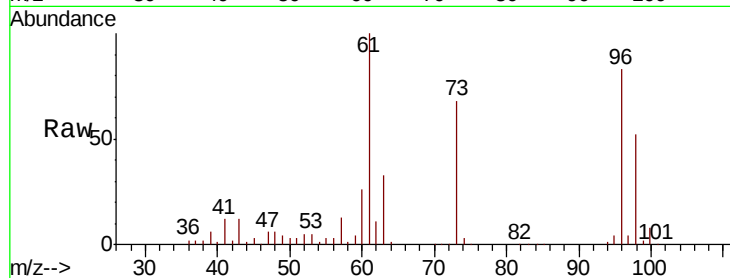
Tot Ion: 96 Resp: 342041

Ion Ratio Lower Upper

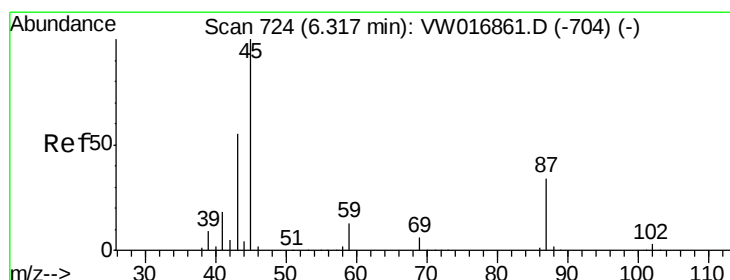
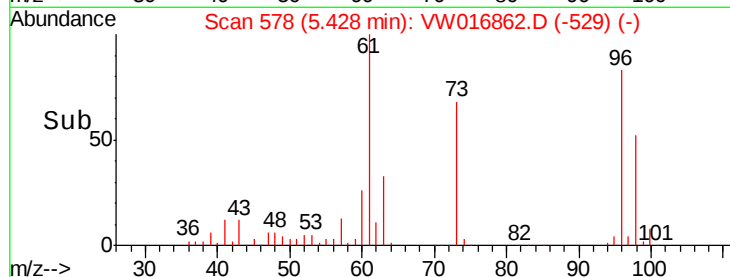
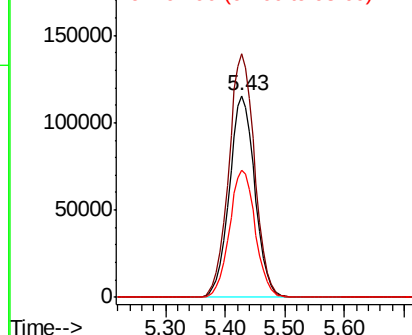
96 100

61 120.7 97.4 146.0

98 62.7 49.4 74.0



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: 95.837 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion: 45 Resp: 655999

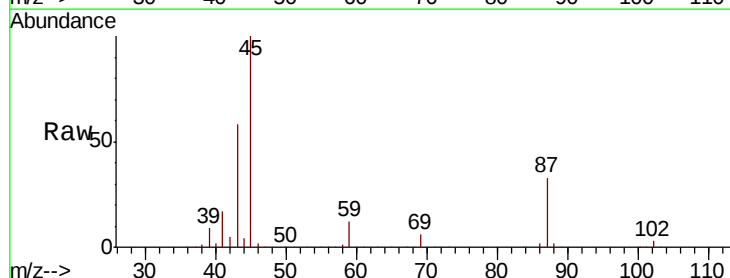
Ion Ratio Lower Upper

45 100

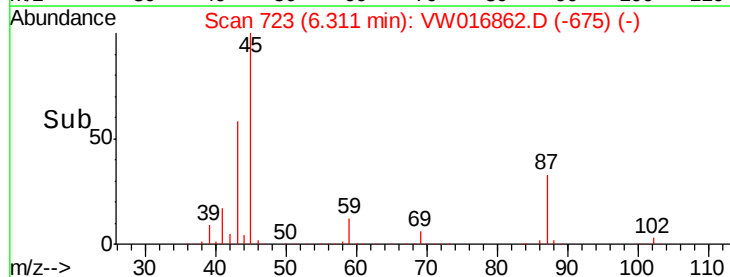
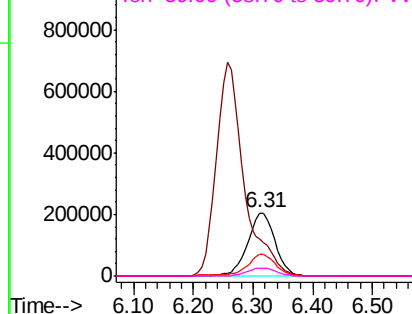
43 57.5 43.8 65.8

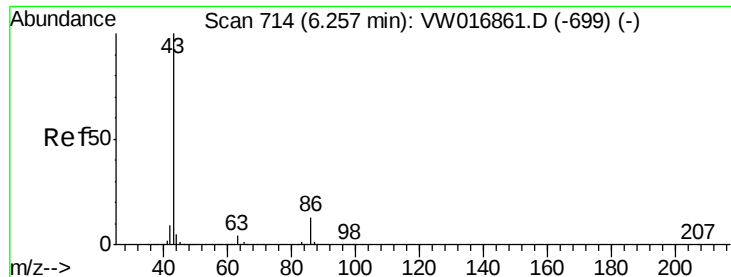
87 33.4 27.6 41.4

59 12.2 10.8 16.2



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: 510.786 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

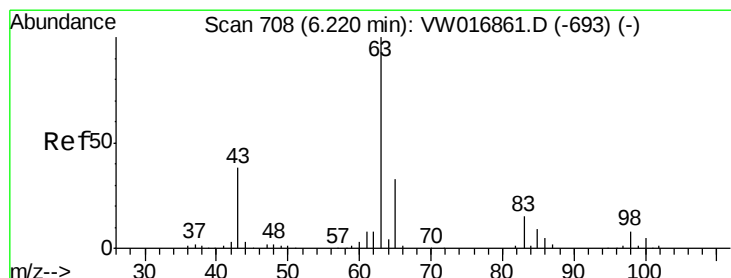
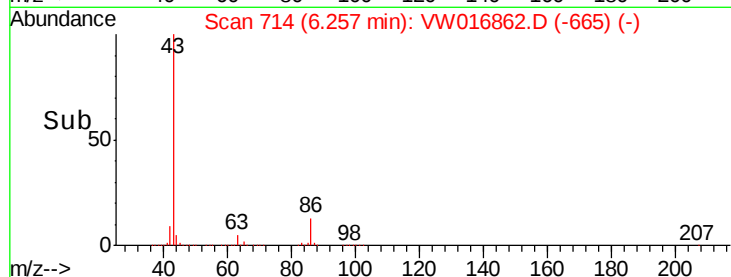
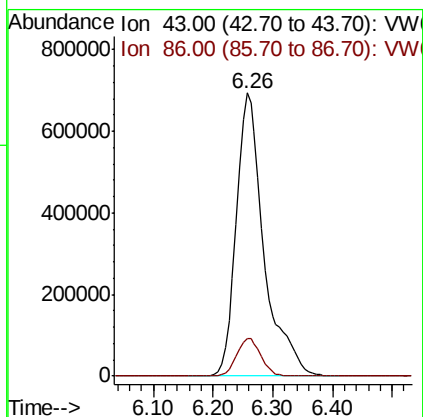
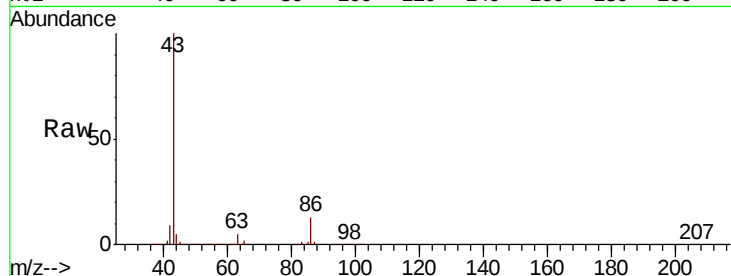
VSTDIC100

Tot Ion: 43 Resp: 2240331

Ion Ratio Lower Upper

43 100

86 13.3 10.2 15.4



#24

1,1-Dichloroethane

Concen: 95.948 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

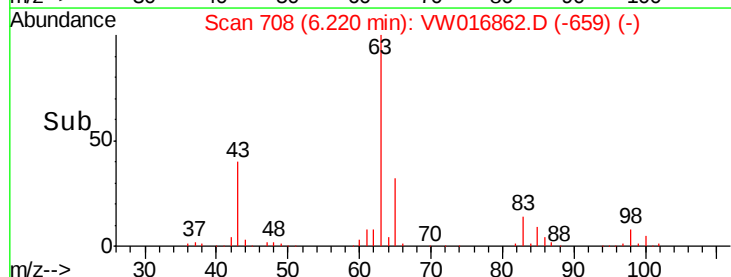
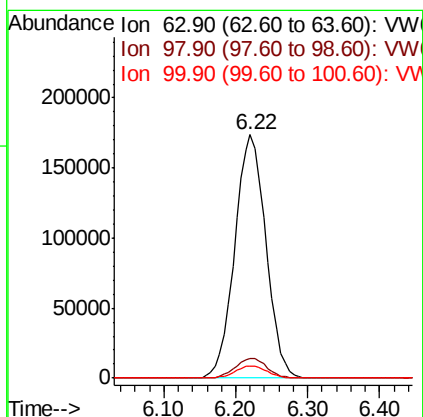
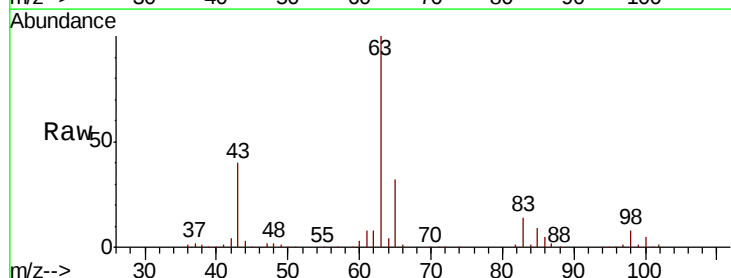
Tgt Ion: 63 Resp: 520780

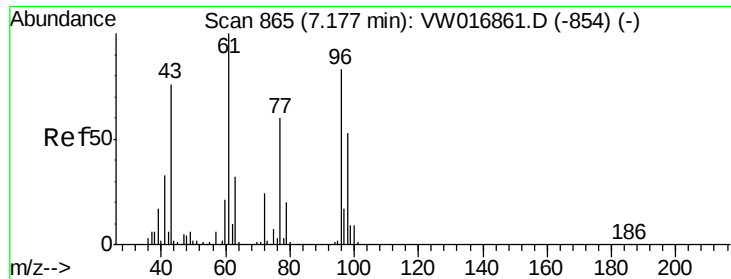
Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.6

100 5.0 2.6 7.8





#25

2-Butanone

Concen: 495.923 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampled :

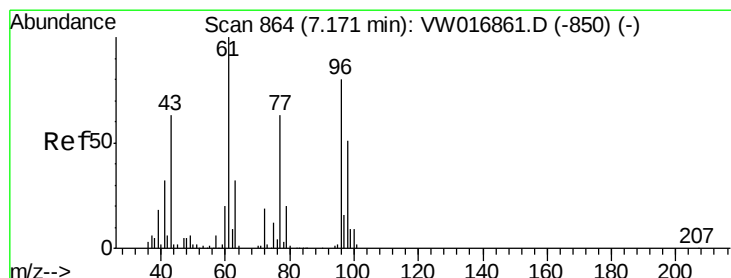
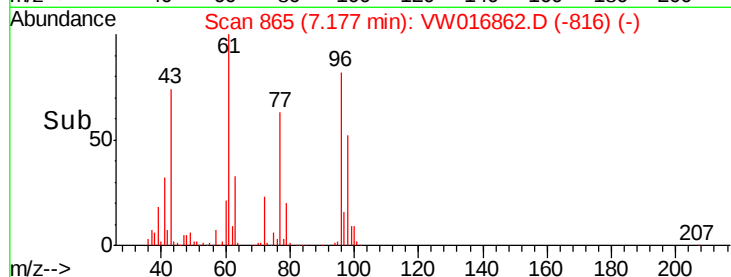
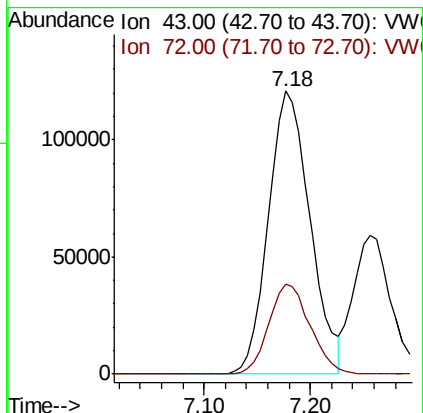
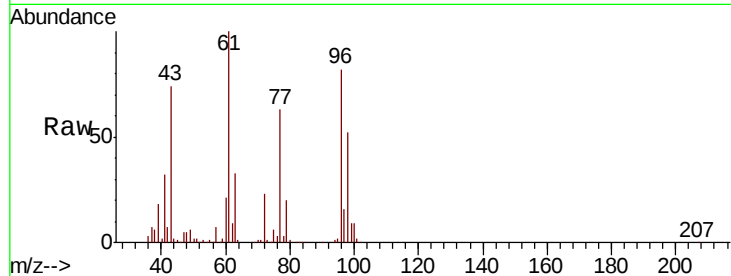
VSTDIC100

Tot Ion: 43 Resp: 327471

Ion Ratio Lower Upper

43 100

72 31.7 25.4 38.2



#26

2,2-Dichloropropane

Concen: 95.210 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016862.D

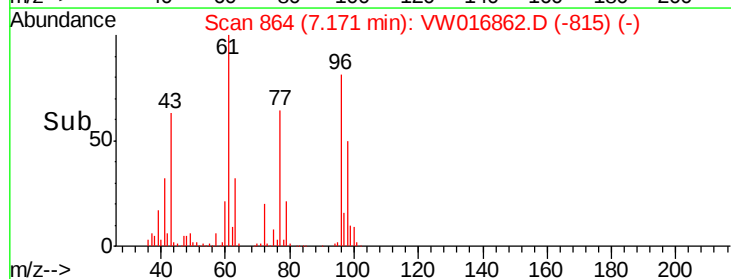
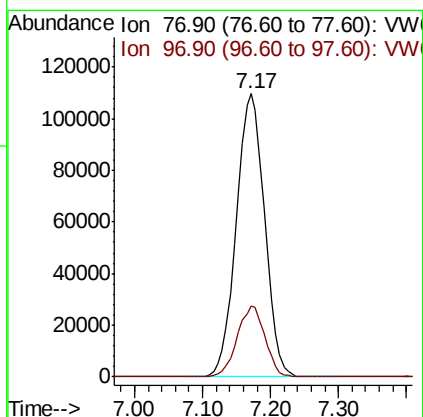
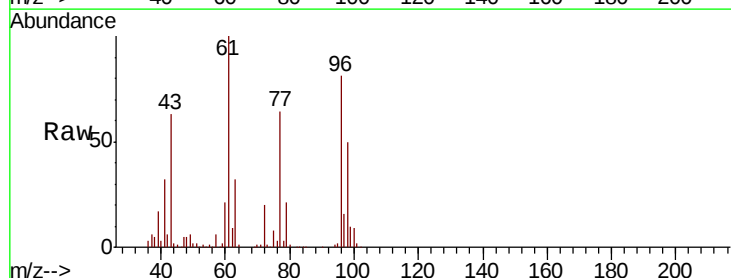
Acq: 09 Oct 2020 15:23

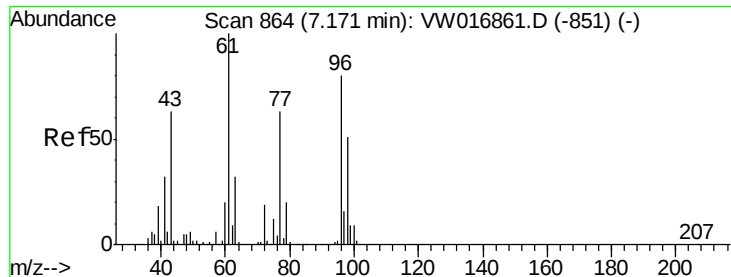
Tgt Ion: 77 Resp: 316170

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



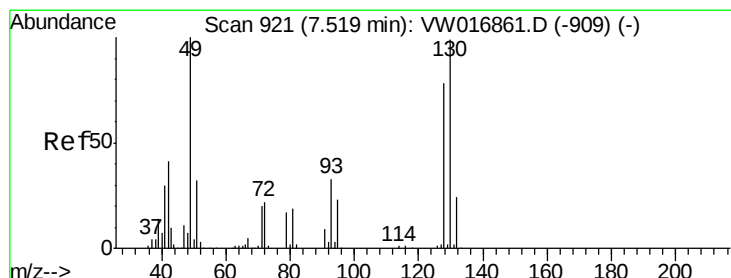
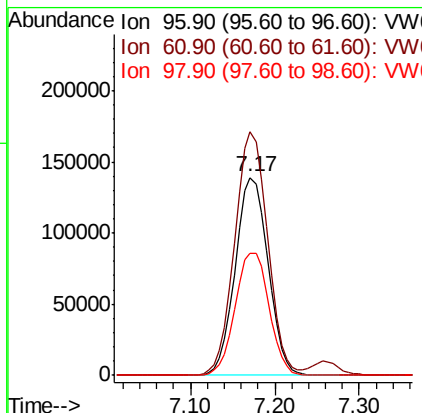
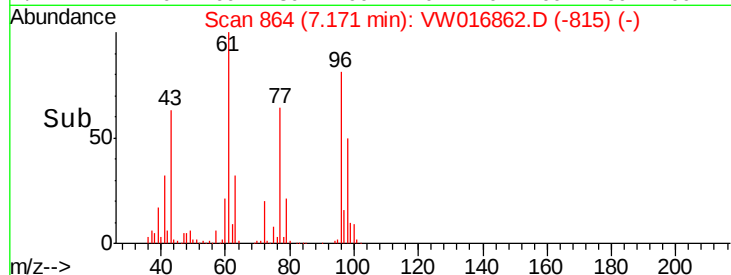
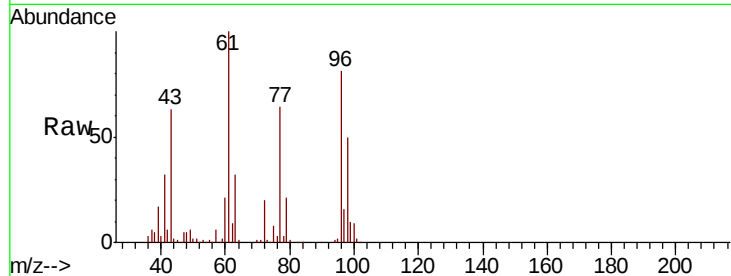


#27

cis-1,2-Dichloroethene
Concen: 96.922 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

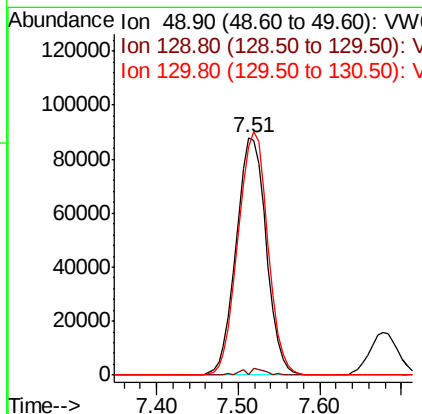
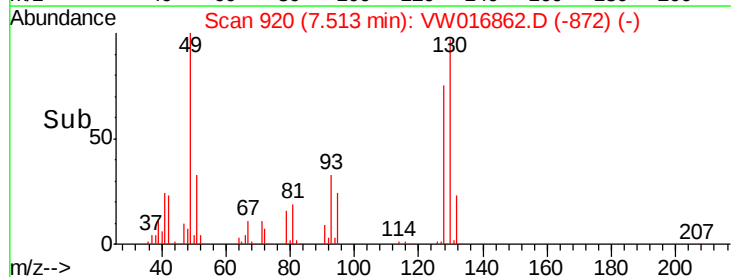
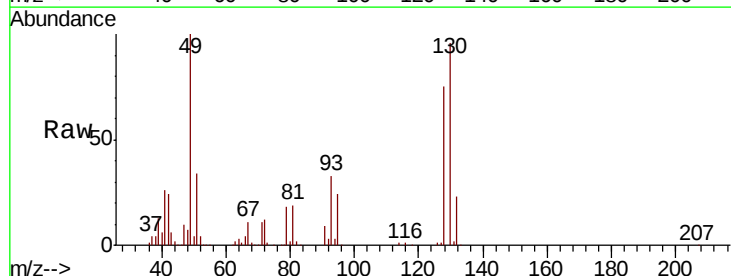
Tot Ion	96	Resp	366661
Ion Ratio	Lower	Upper	
96	100		
61	123.7	0.0	249.6
98	64.0	0.0	129.4

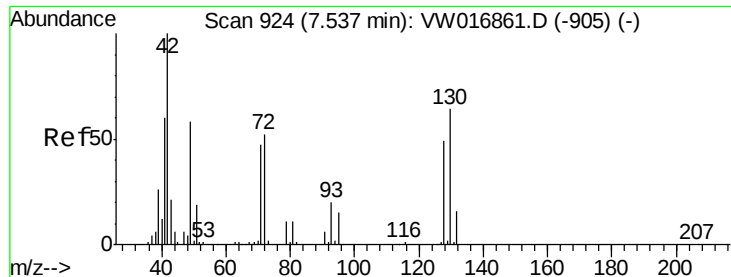


#28

Bromochloromethane
Concen: 103.290 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	49	Resp	224379
Ion Ratio	Lower	Upper	
49	100		
129	1.3	0.0	4.8
130	101.7	81.3	121.9

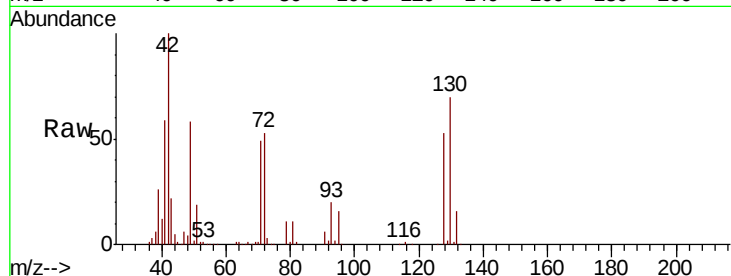




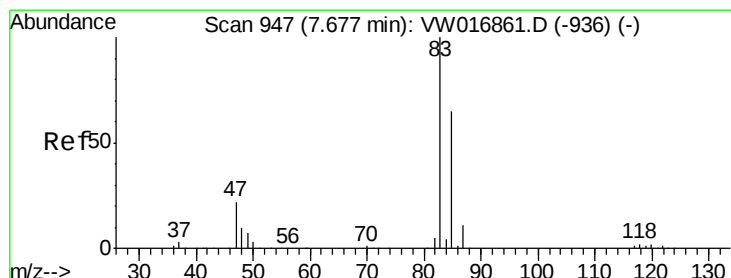
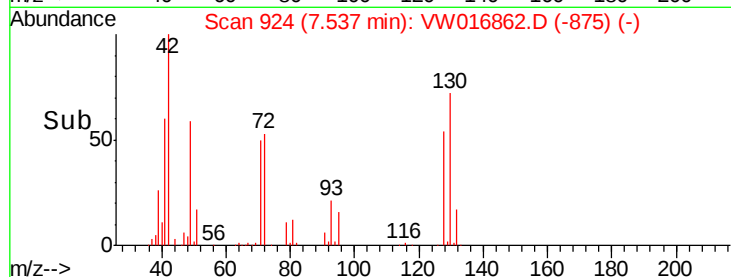
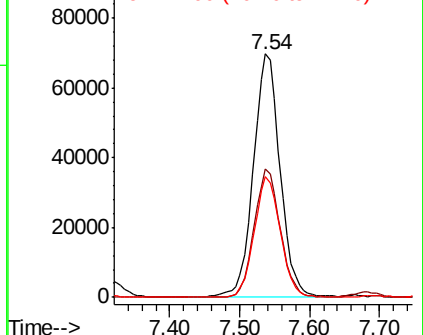
#29
Tetrahydrofuran
Concen: 498.385 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 184336
Ion Ratio Lower Upper
42 100
72 51.6 42.0 63.0
71 48.5 39.0 58.6

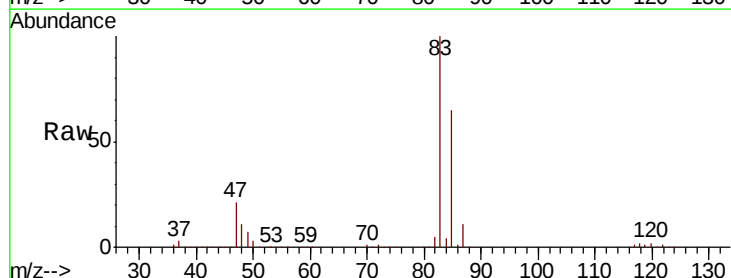


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

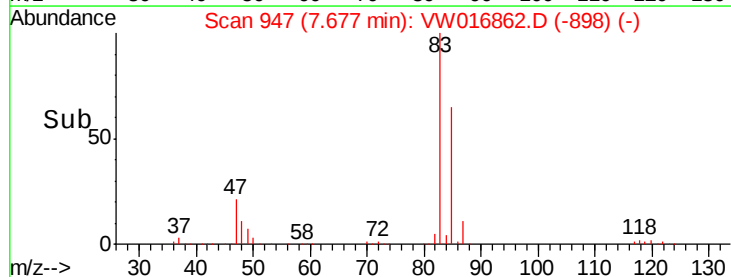
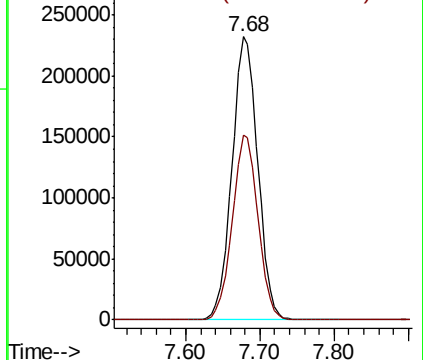


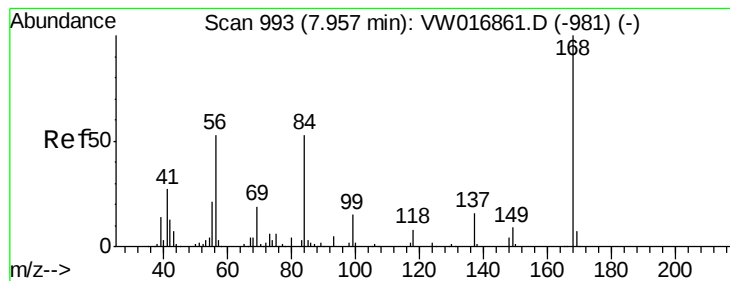
#30
Chloroform
Concen: 95.515 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 83 Resp: 563595
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5



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





#31

Cyclohexane

Concen: 89.475 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

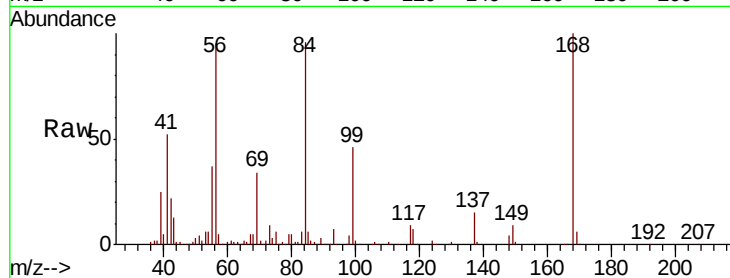
Tot Ion: 56 Resp: 414239

Ion Ratio Lower Upper

56 100

69 36.3 29.3 43.9

84 98.9 80.5 120.7

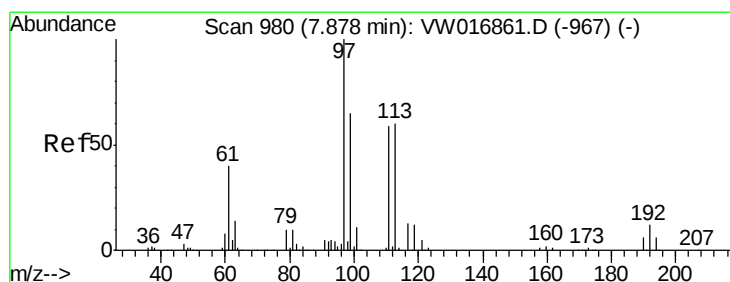
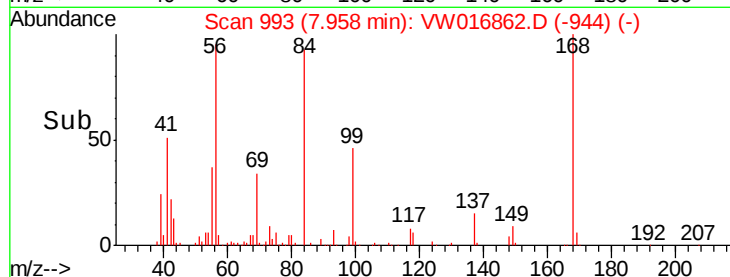
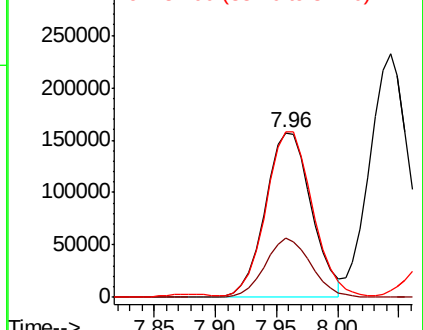


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 95.736 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

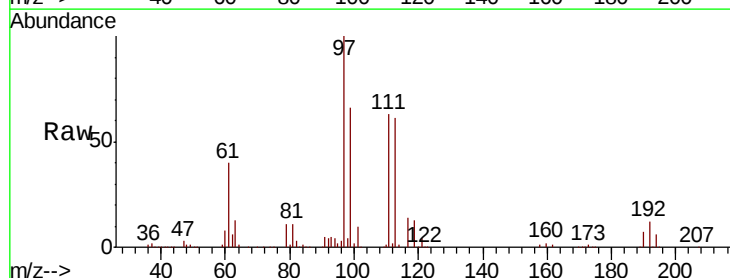
Tgt Ion: 97 Resp: 476485

Ion Ratio Lower Upper

97 100

99 65.6 52.4 78.6

61 39.9 31.9 47.9

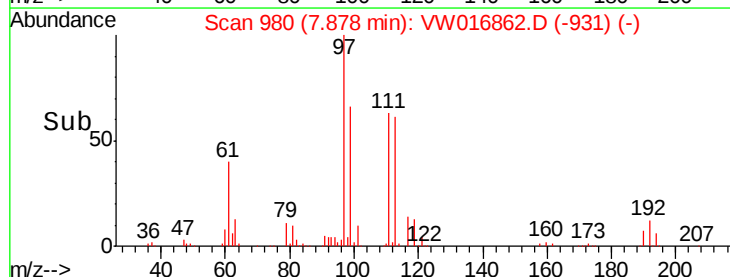
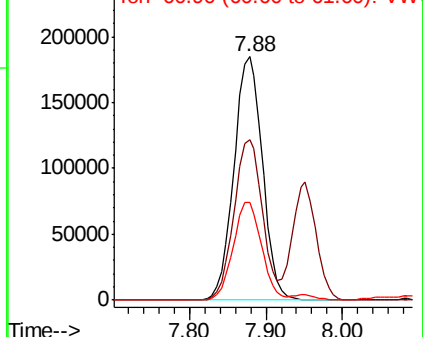


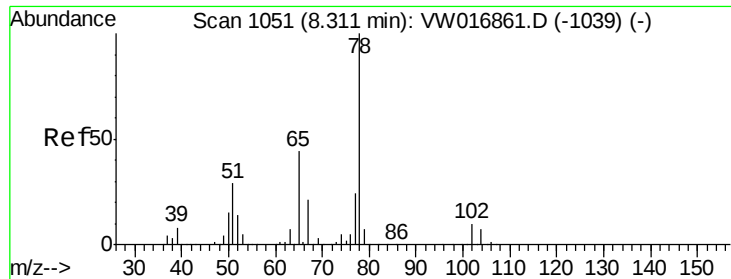
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 98.116 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

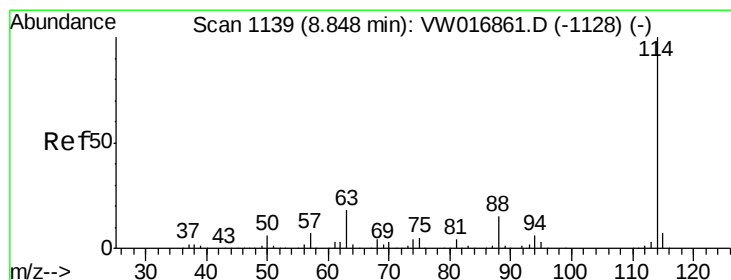
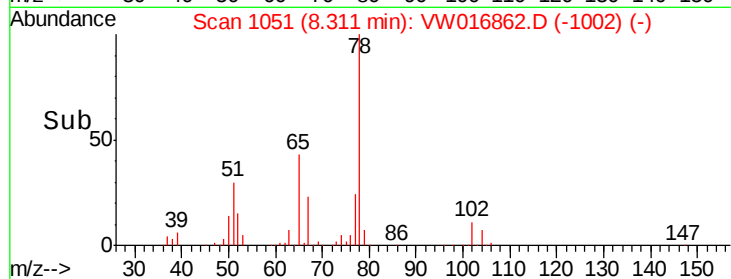
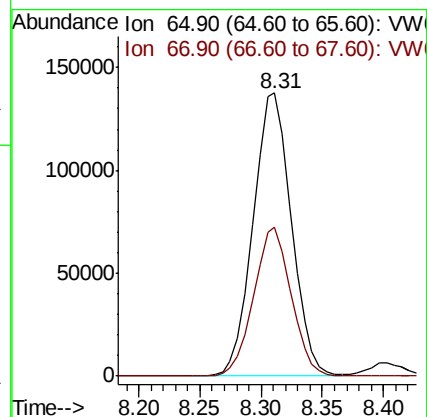
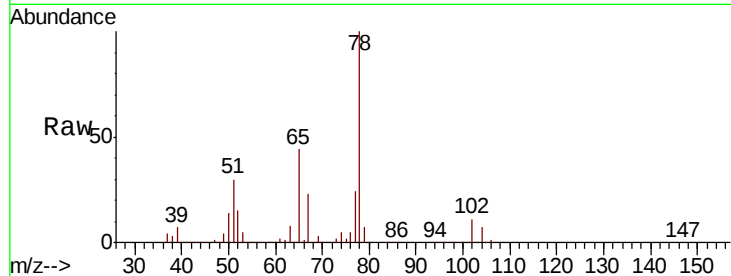
VSTDIC100

Tot Ion: 65 Resp: 300060

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

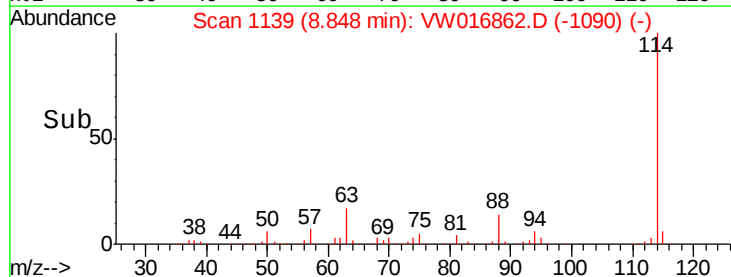
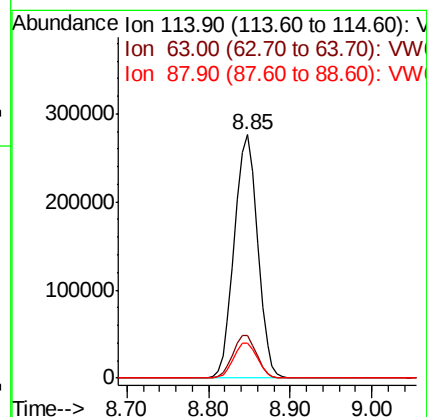
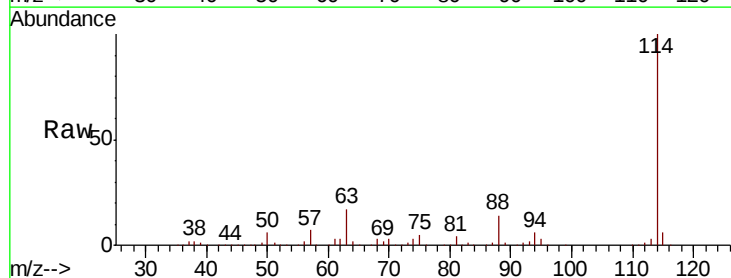
Tgt Ion: 114 Resp: 545363

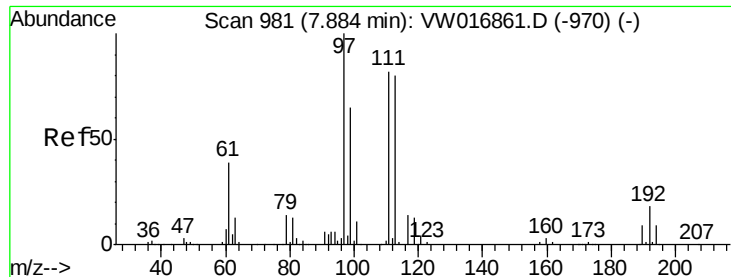
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

88 14.3 0.0 30.4

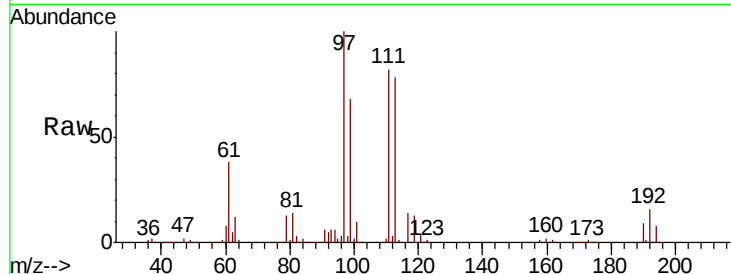




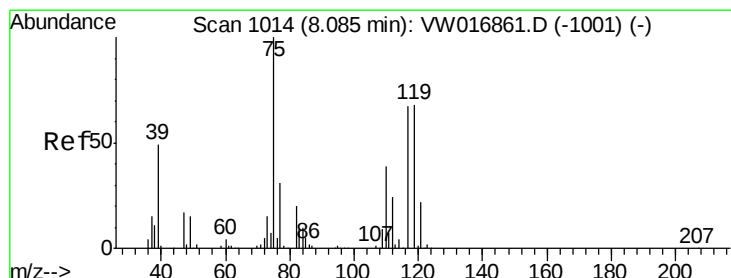
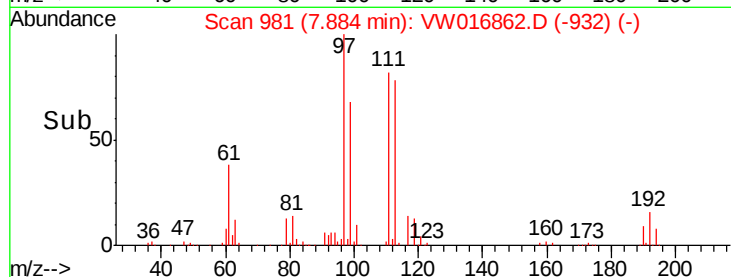
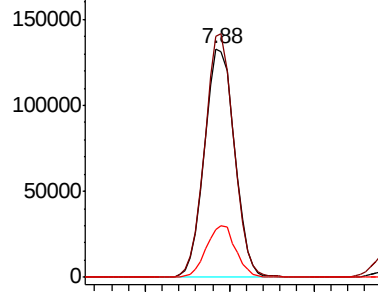
#35
 Dibromofluoromethane
 Concen: 96.280 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.2
192	22.0	17.8	26.8

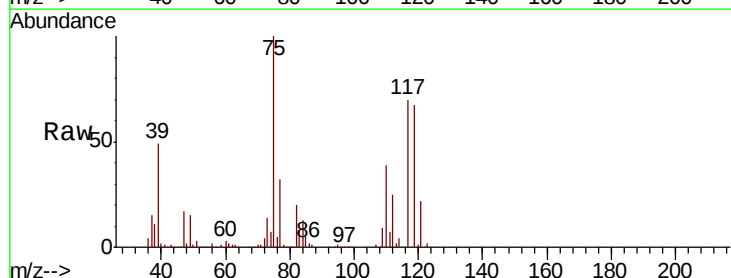


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

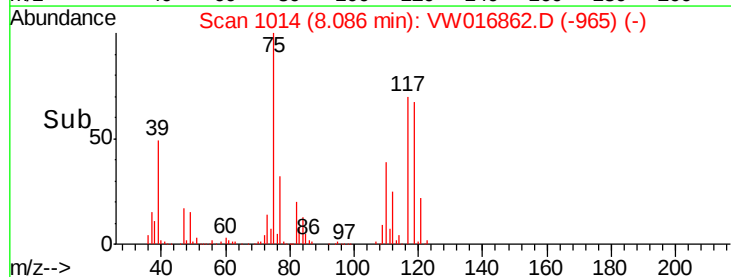
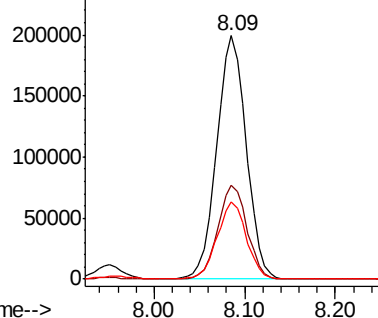


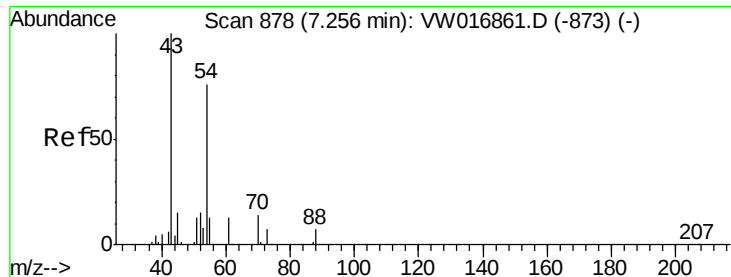
#36
 1,1-Dichloropropene
 Concen: 95.082 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.3	57.9
77	31.6	25.0	37.6



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

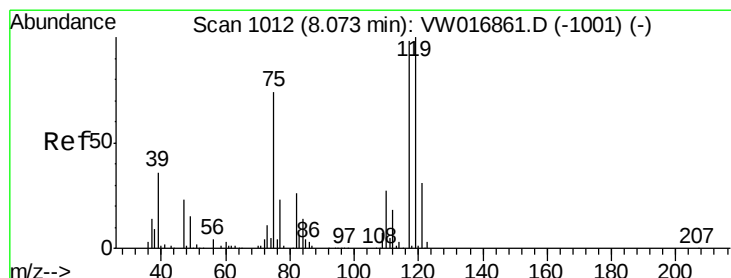
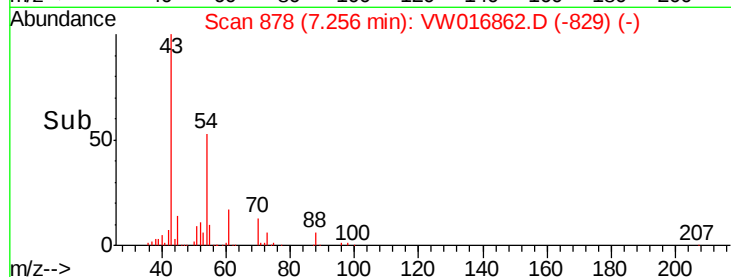
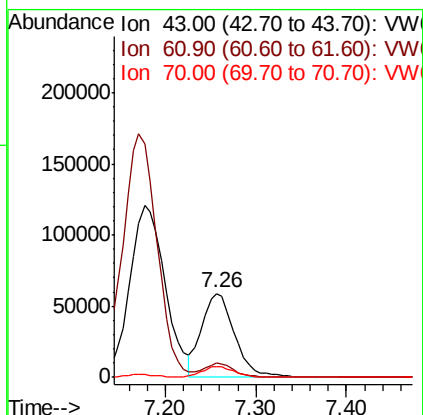
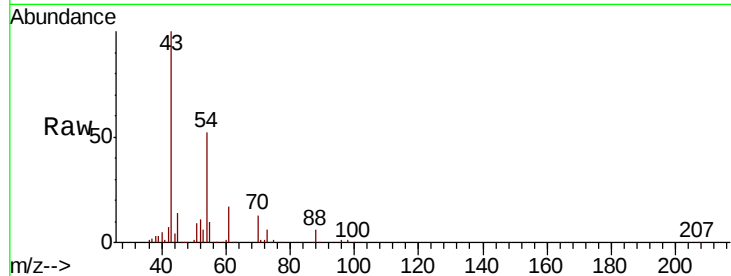




#37
Ethyl Acetate
Concen: 96.767 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

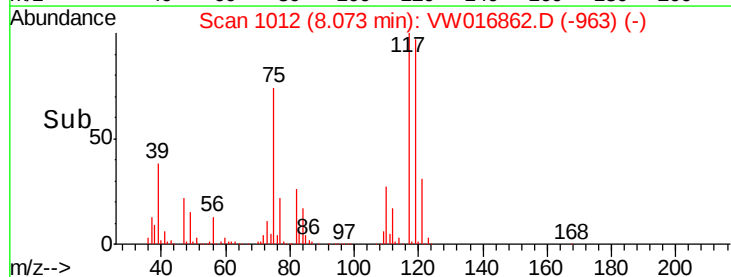
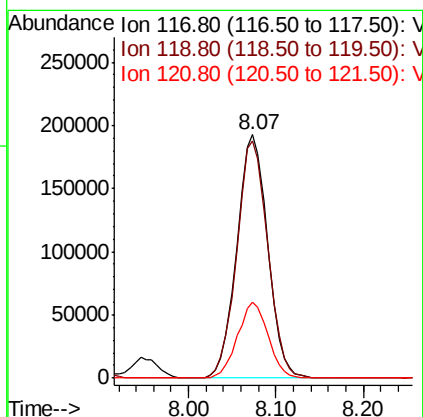
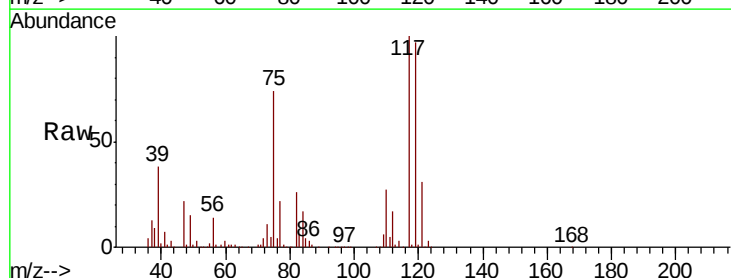
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

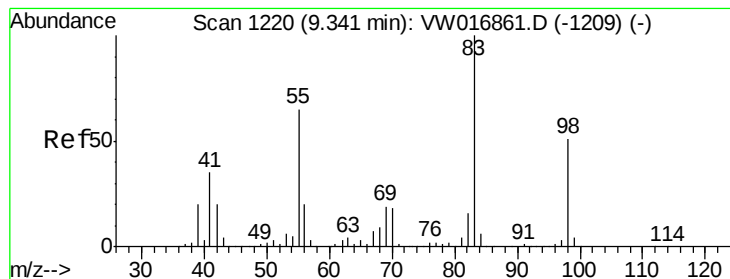
Tot Ion: 43 Resp: 149055
Ion Ratio Lower Upper
43 100
61 15.4 12.0 18.0
70 13.0 9.9 14.9



#38
Carbon Tetrachloride
Concen: 96.139 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 117 Resp: 471270
Ion Ratio Lower Upper
117 100
119 97.3 81.6 122.4
121 31.4 25.7 38.5





#39

Methvlcvclohexane

Concen: 98.352 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

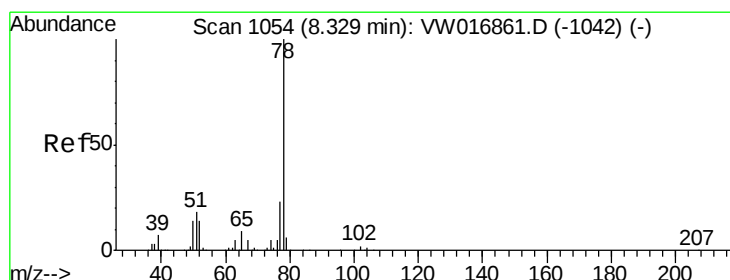
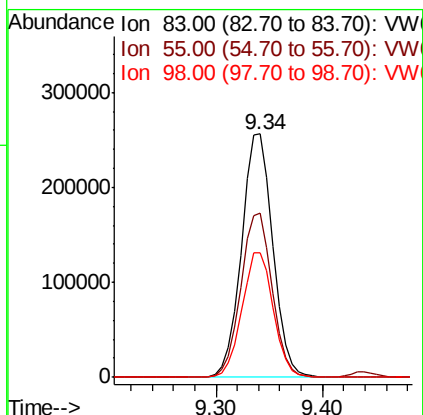
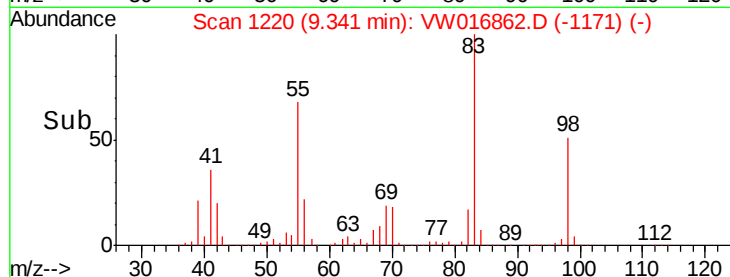
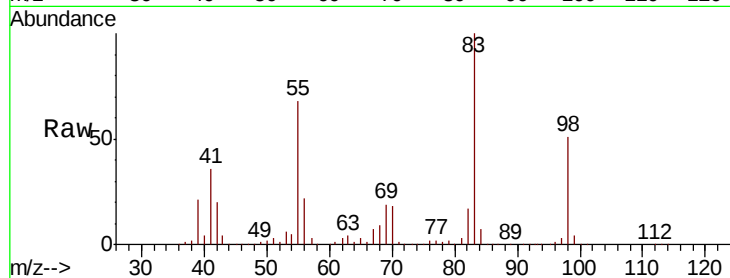
Tot Ion: 83 Resp: 528779

Ion Ratio Lower Upper

83 100

55 67.6 51.7 77.5

98 51.2 41.0 61.4



#40

Benzene

Concen: 94.507 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW016862.D

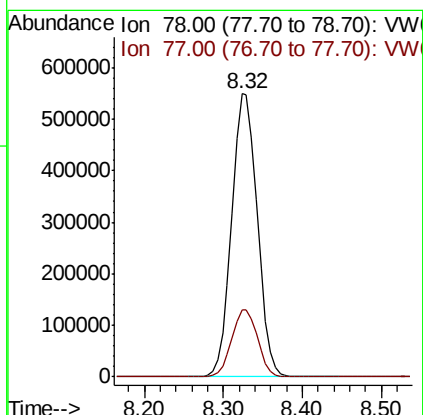
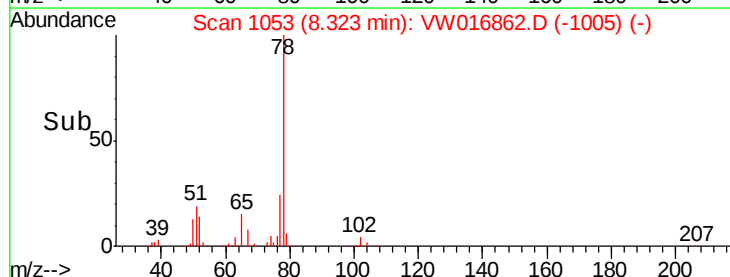
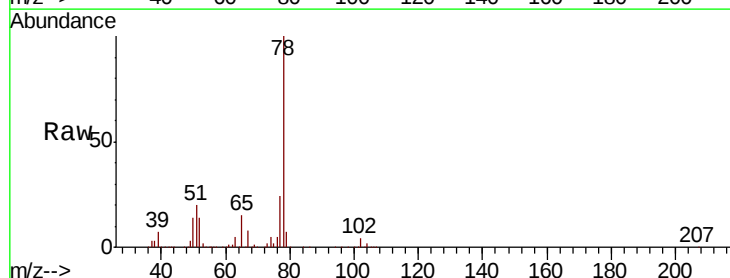
Acq: 09 Oct 2020 15:23

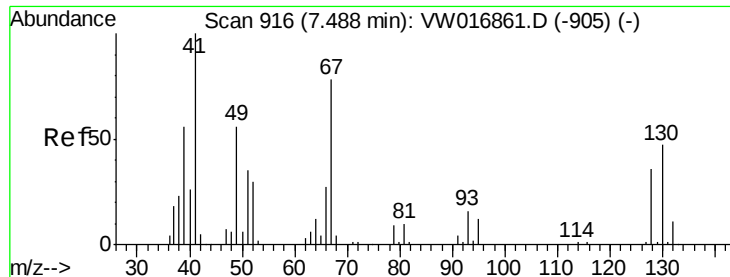
Tgt Ion: 78 Resp: 1241479

Ion Ratio Lower Upper

78 100

77 23.7 18.5 27.7

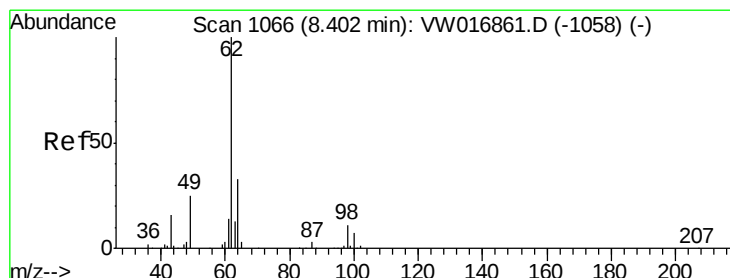
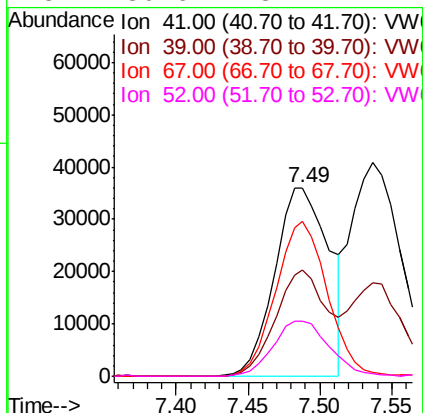
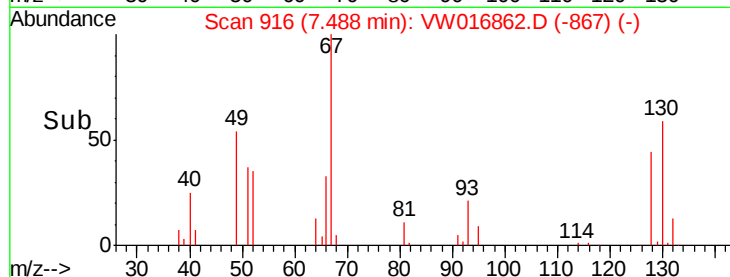
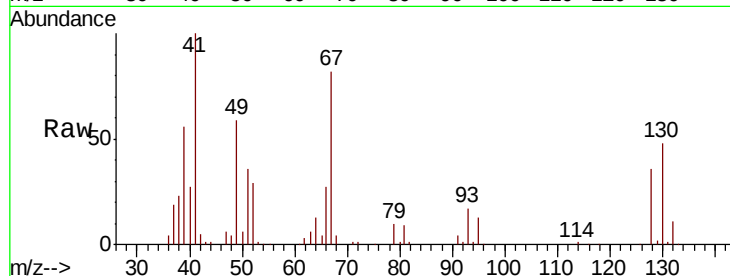




#41
Methacrylonitrile
Concen: 143.478 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

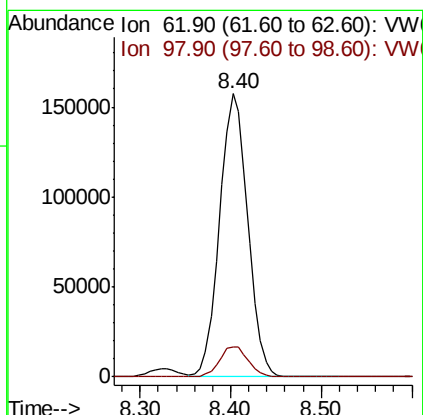
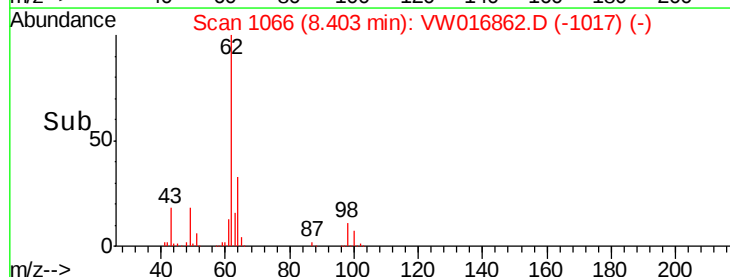
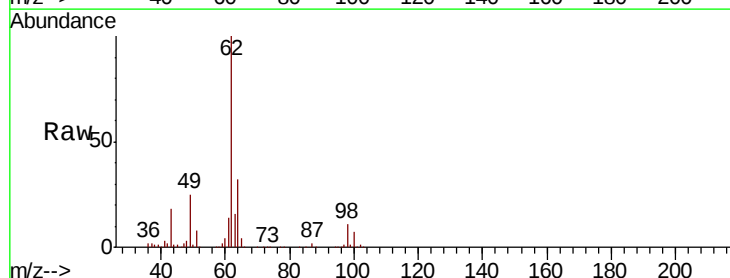
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

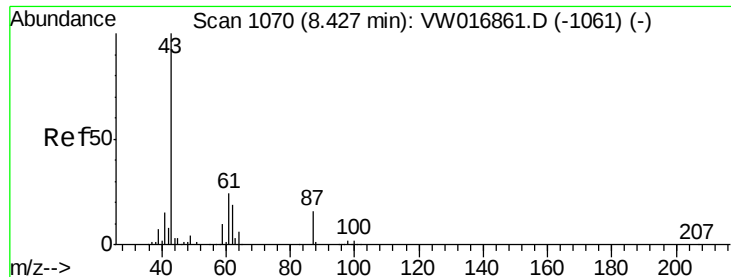
Tot Ion:	41	Resp:	94830
Ion	Ratio	Lower	Upper
41	100		
39	53.6	47.0	70.6
67	78.2	68.6	102.8
52	30.6	28.1	42.1



#42
1,2-Dichloroethane
Concen: 94.628 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion:	62	Resp:	340027
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 101.148 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

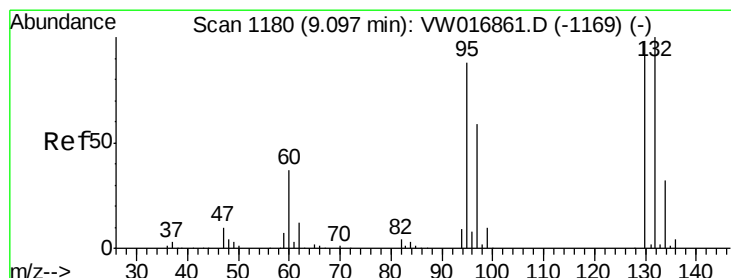
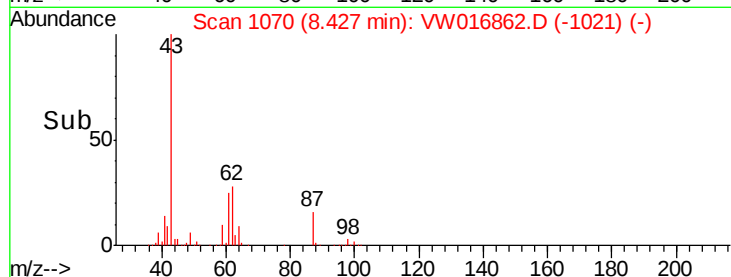
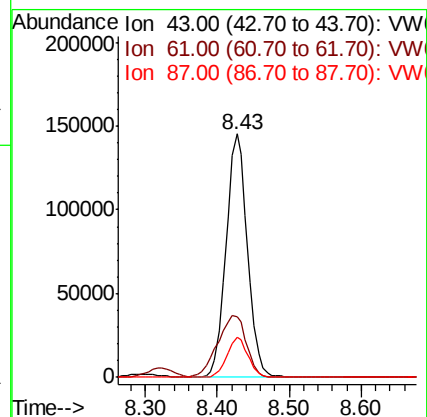
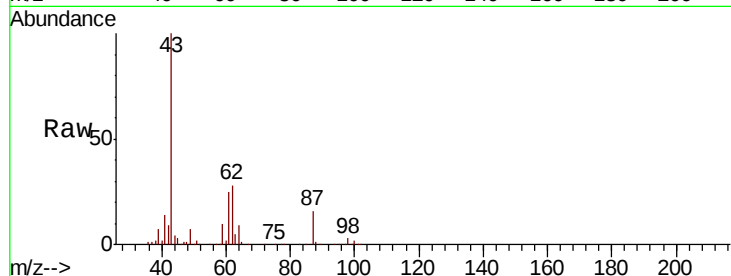
Tot Ion: 43 Resp: 298472

Ion Ratio Lower Upper

43 100

61 34.1 27.5 41.3

87 16.2 13.6 20.4



#44

Trichloroethene

Concen: 94.425 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016862.D

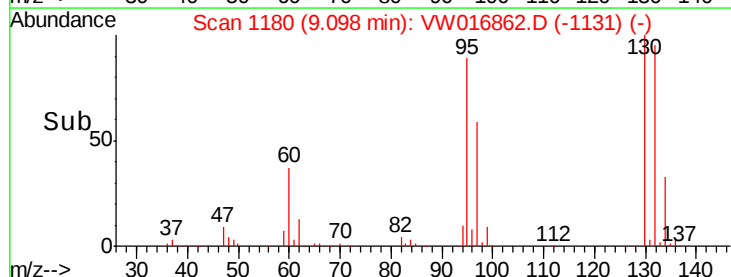
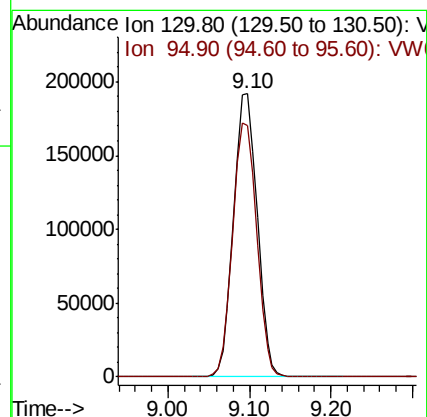
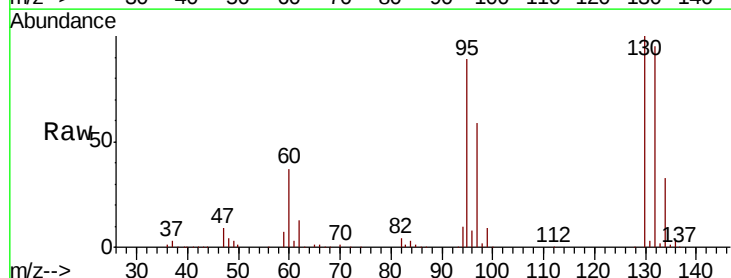
Acq: 09 Oct 2020 15:23

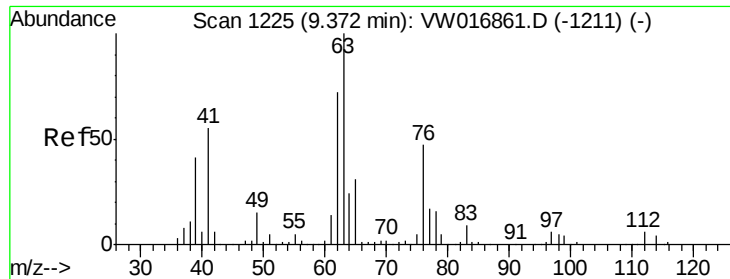
Tgt Ion:130 Resp: 383926

Ion Ratio Lower Upper

130 100

95 88.7 0.0 180.2

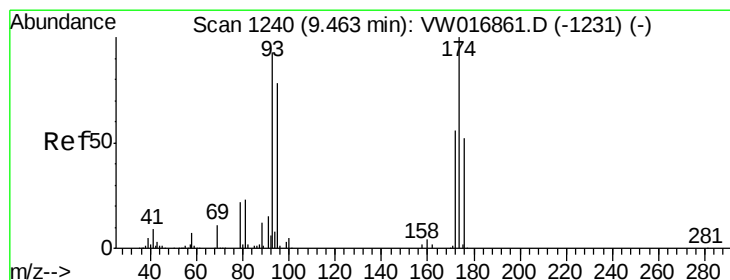
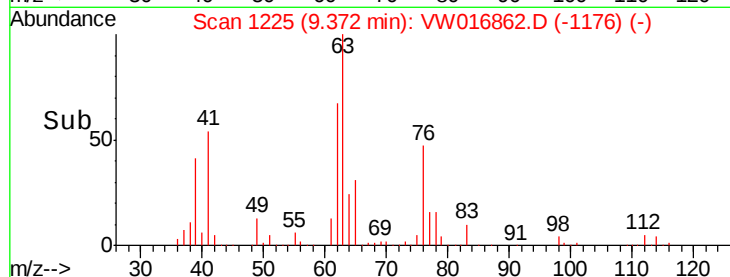
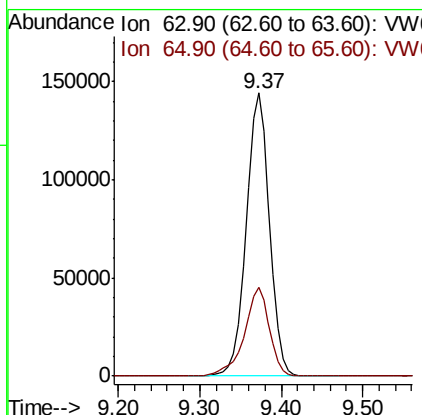
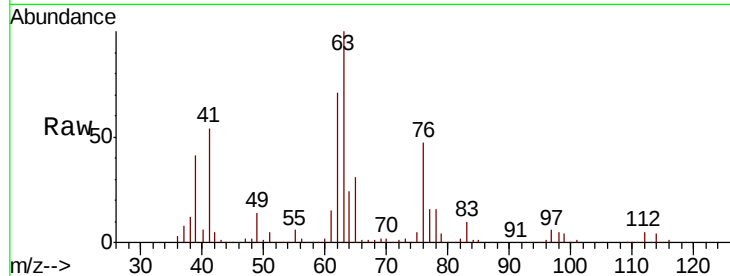




#45
 1,2-Dichloropropane
 Concen: 95.143 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

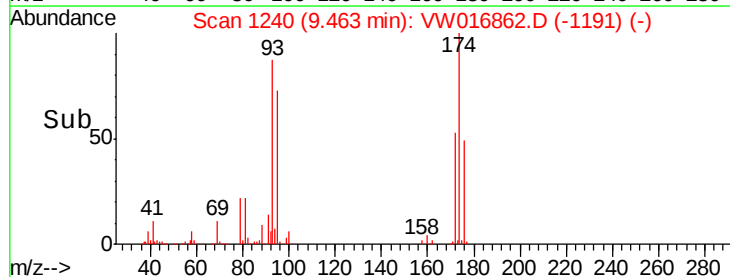
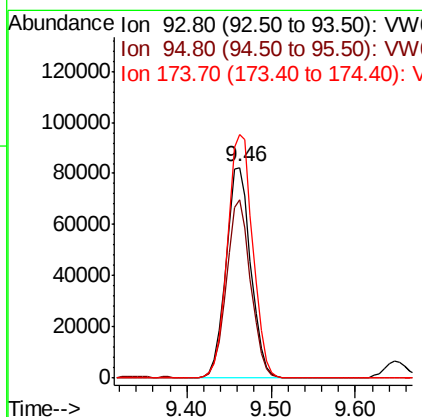
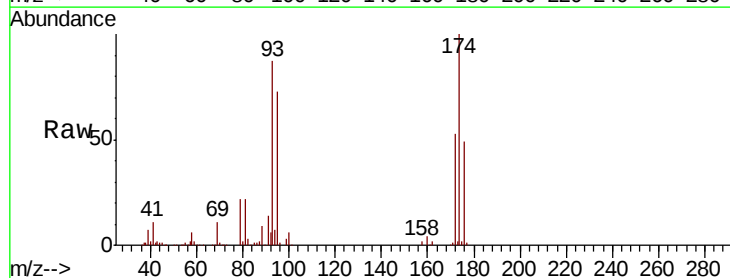
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

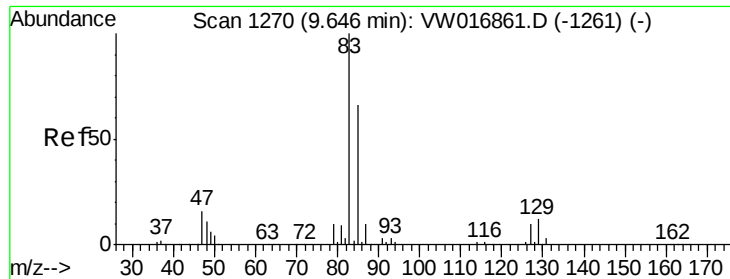
Tot Ion: 63 Resp: 285016
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.1 37.7



#46
 Dibromomethane
 Concen: 96.334 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 93 Resp: 165063
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 117.8 91.0 136.6





#47

Bromodichloromethane

Concen: 98.678 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

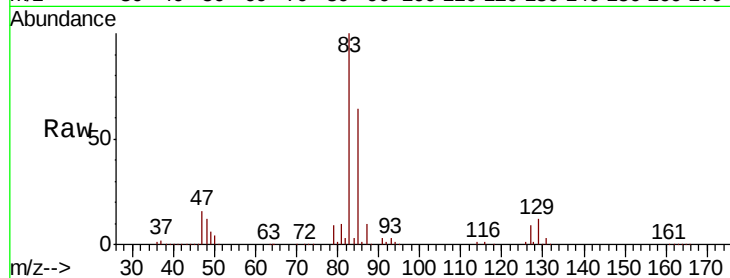
Tot Ion: 83 Resp: 420405

Ion Ratio Lower Upper

83 100

85 63.7 52.7 79.1

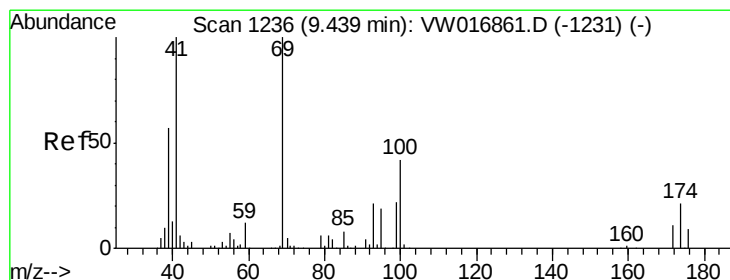
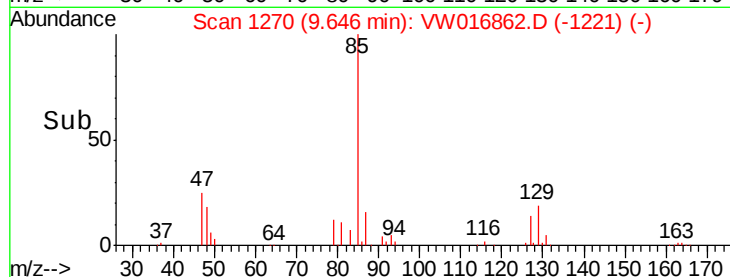
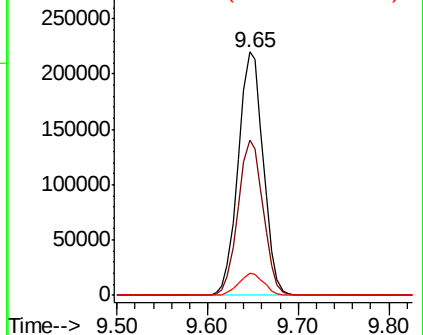
127 9.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 103.175 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

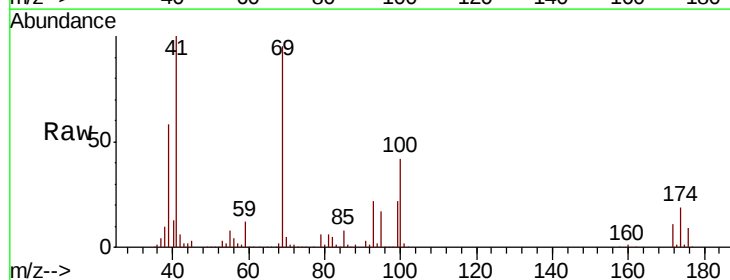
Tgt Ion: 41 Resp: 140297

Ion Ratio Lower Upper

41 100

69 103.7 83.5 125.3

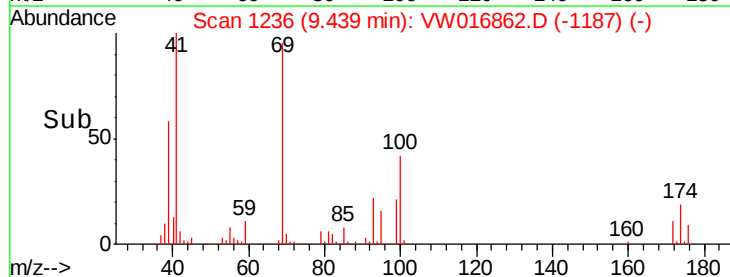
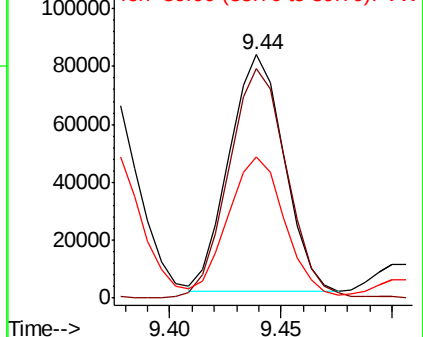
39 59.0 50.9 76.3

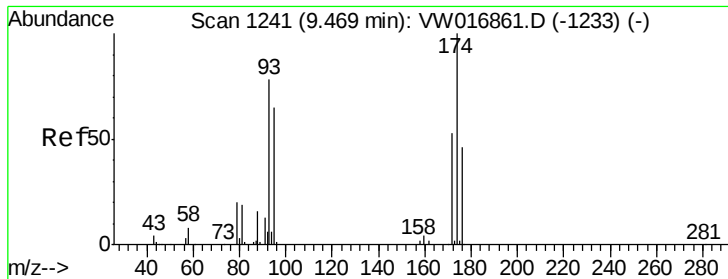


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1920.944 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

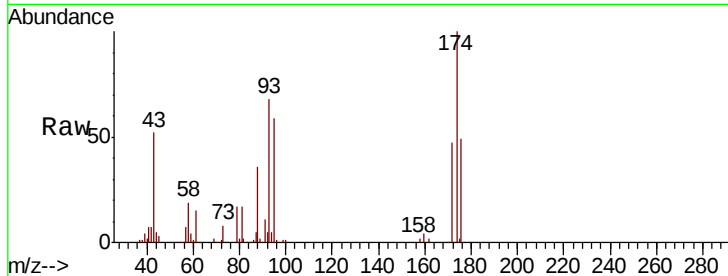
Tot Ion: 88 Resp: 37860

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

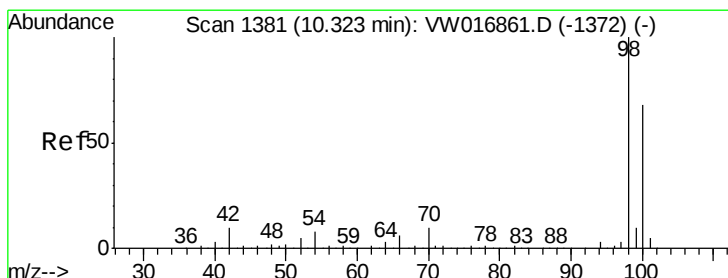
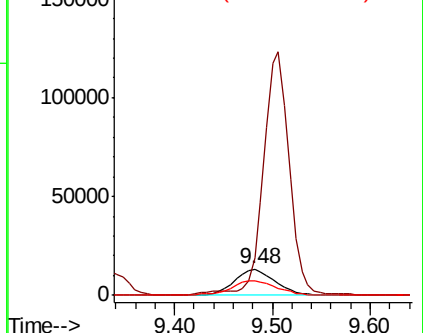
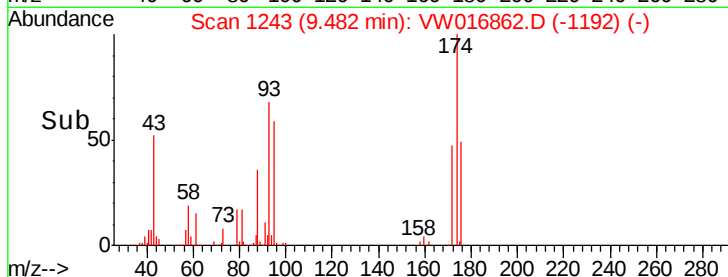
58 65.0 54.0 81.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 98.808 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016862.D

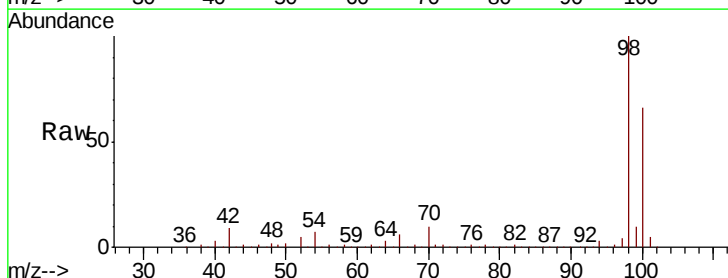
Acq: 09 Oct 2020 15:23

Tgt Ion: 98 Resp: 1238389

Ion Ratio Lower Upper

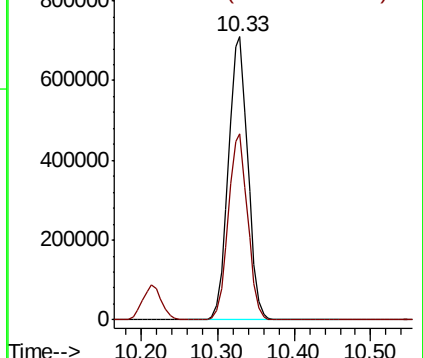
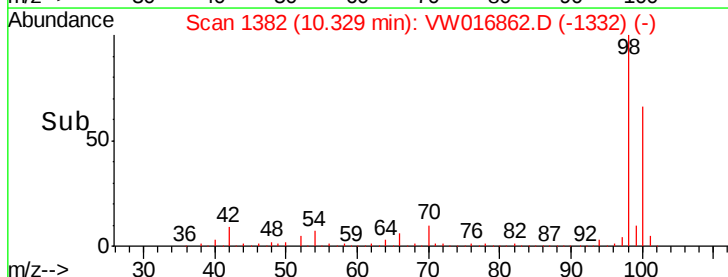
98 100

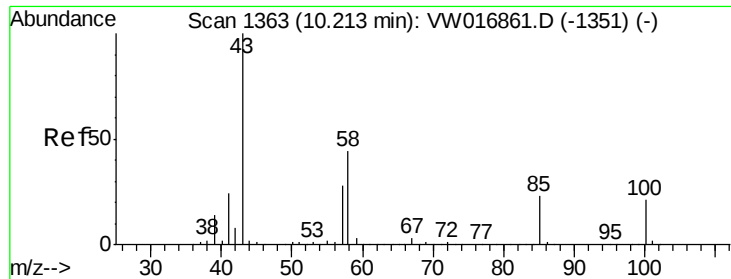
100 65.4 53.3 79.9



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: 494.039 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

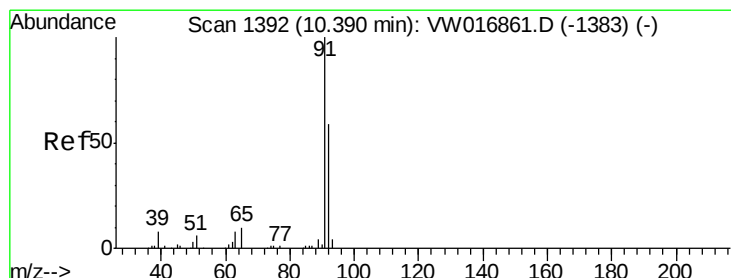
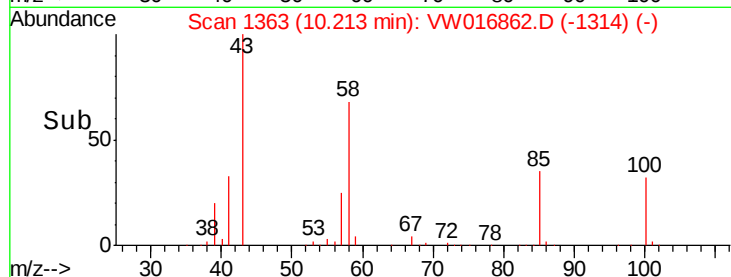
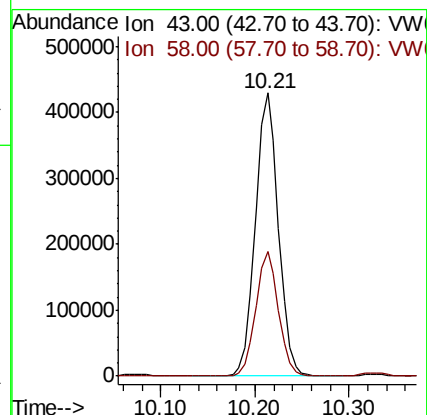
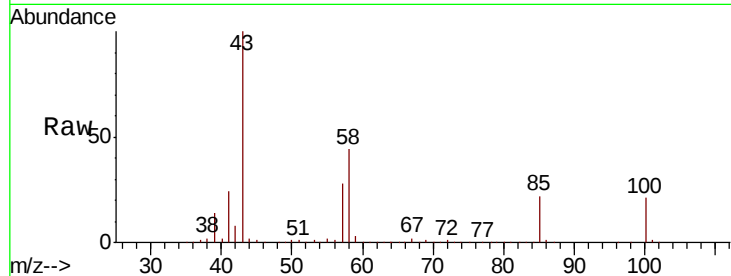
VSTDIC100

Tot Ion: 43 Resp: 737509

Ion Ratio Lower Upper

43 100

58 43.2 34.7 52.1



#52

Toluene

Concen: 96.068 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016862.D

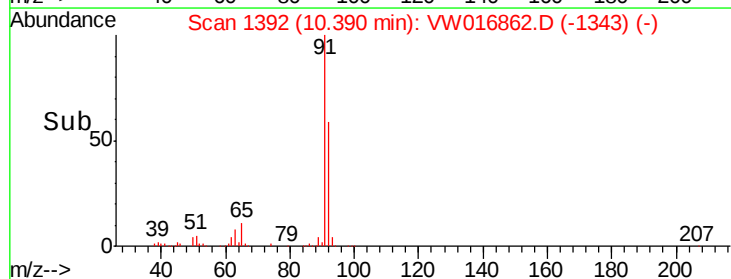
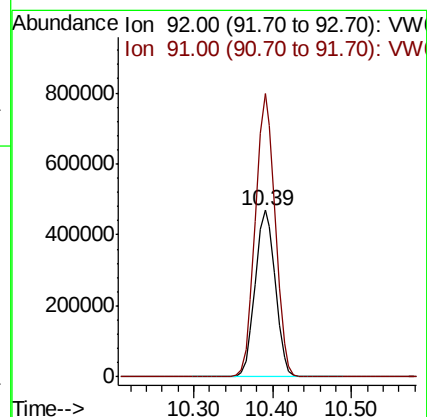
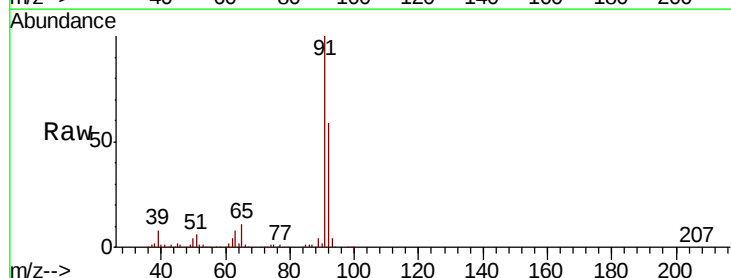
Acq: 09 Oct 2020 15:23

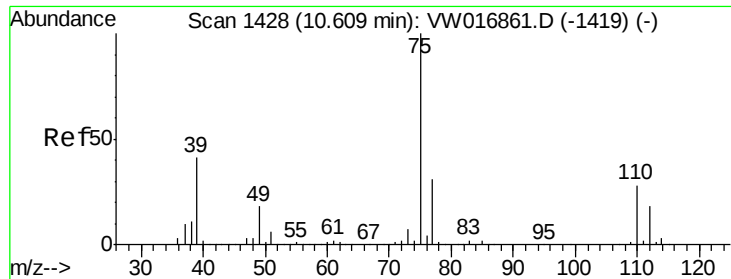
Tgt Ion: 92 Resp: 834230

Ion Ratio Lower Upper

92 100

91 167.5 134.7 202.1

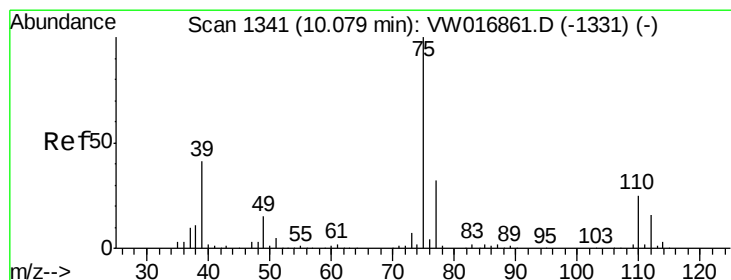
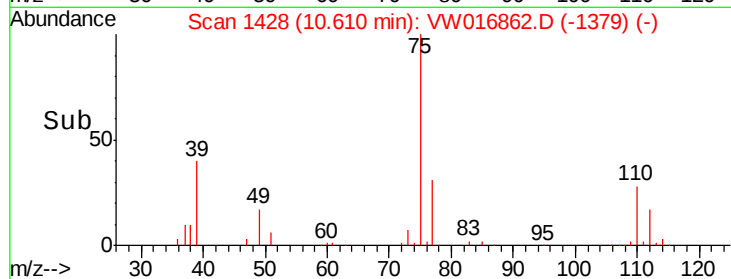
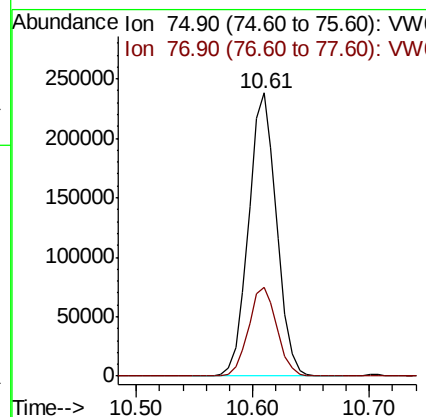
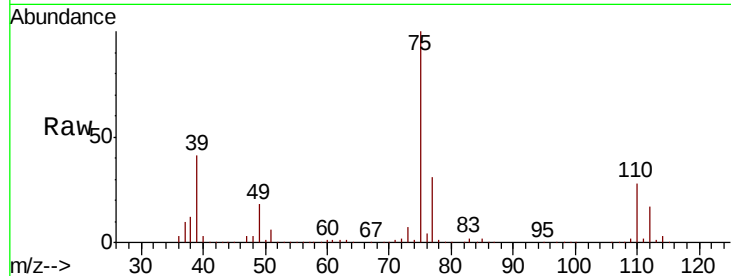




#53
 t-1,3-Dichloropropene
 Concen: 102.696 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

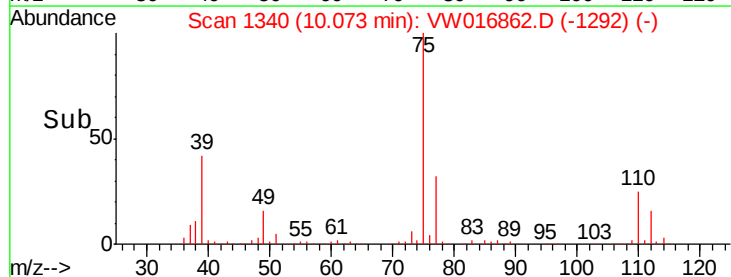
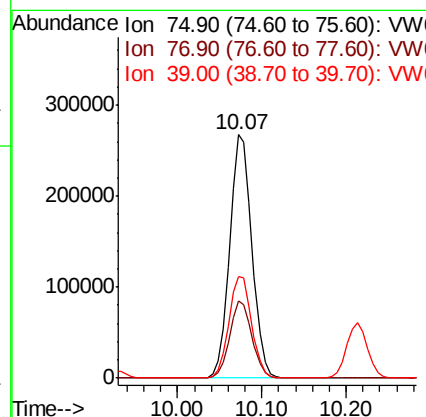
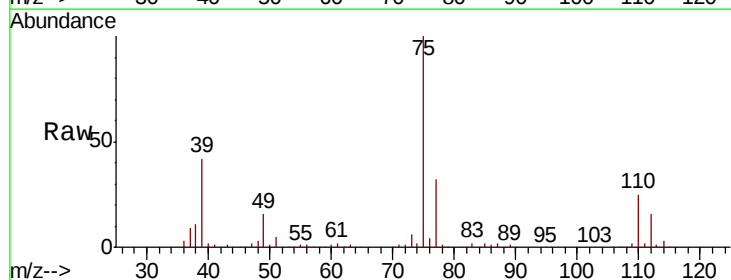
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

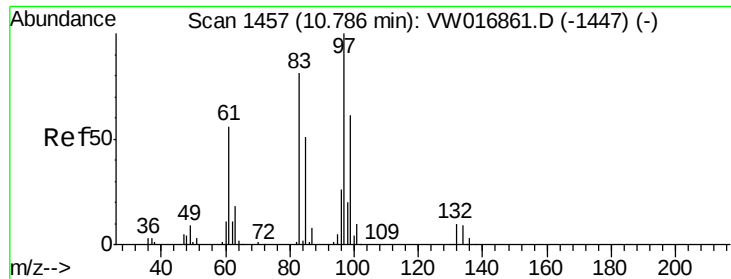
Tot Ion: 75 Resp: 398312
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 101.675 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 75 Resp: 481673
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6
 39 41.9 32.9 49.3

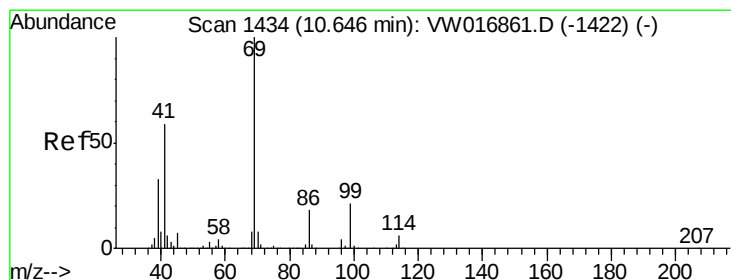
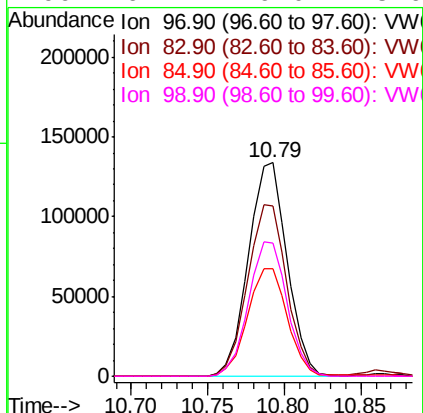
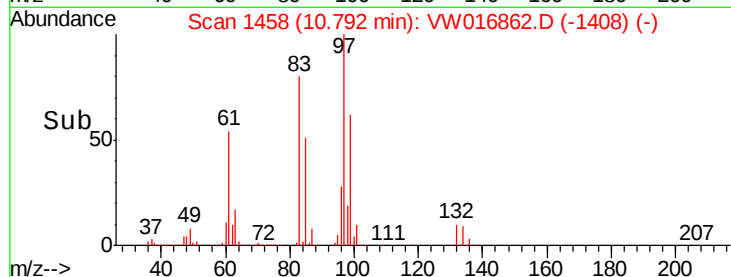
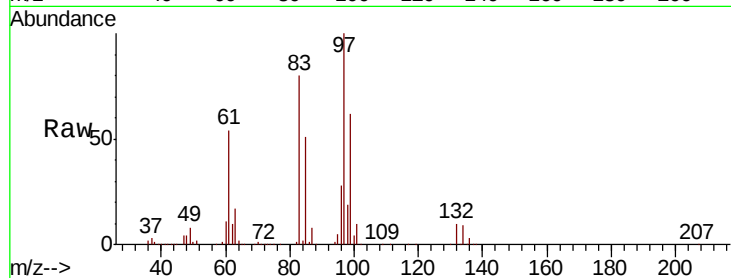




#55
 1,1,2-Trichloroethane
 Concen: 96.442 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

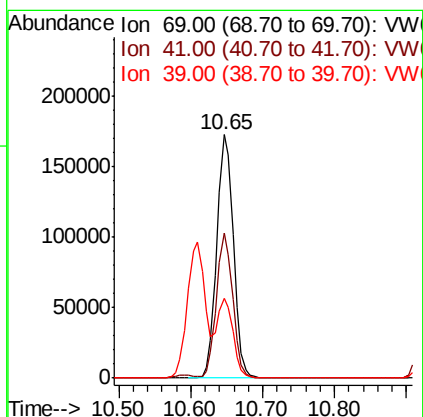
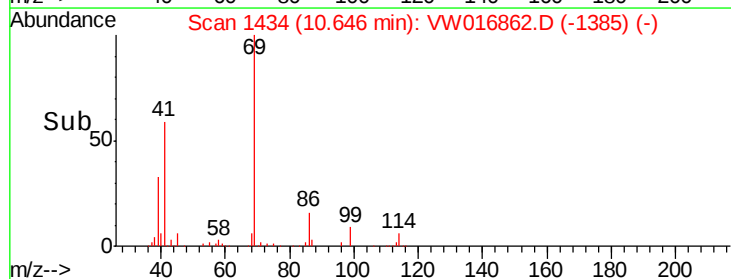
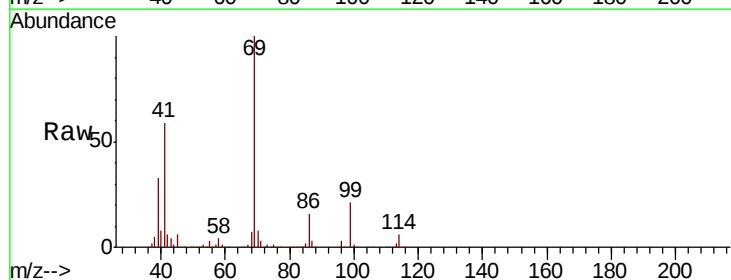
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

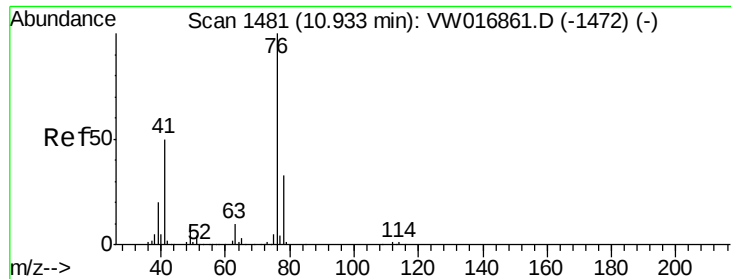
Tot Ion:	97	Resp:	235217
Ion	Ratio	Lower	Upper
97	100		
83	79.9	64.6	97.0
85	50.6	40.6	61.0
99	62.1	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 104.008 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion:	69	Resp:	275955
Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.3	69.5
39	32.4	25.9	38.9

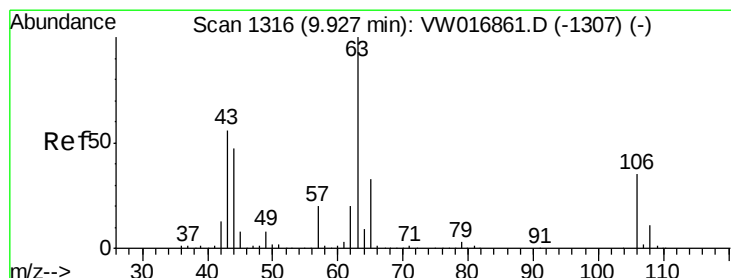
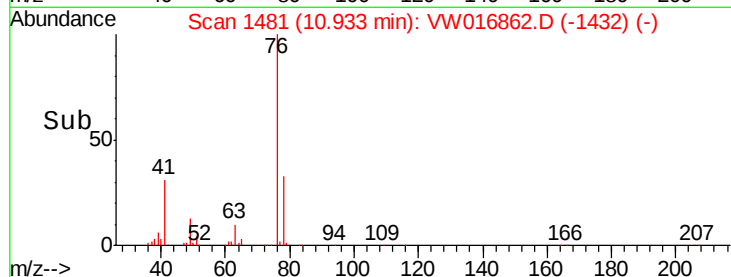
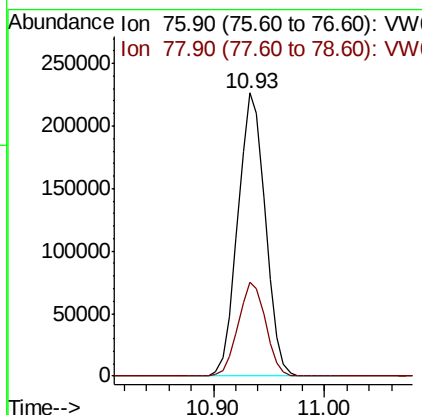
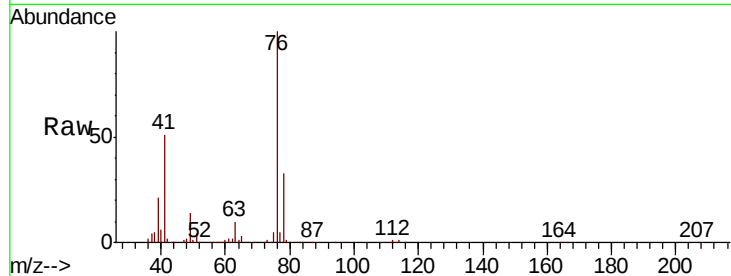




#57
 1,3-Dichloropropane
 Concen: 95.889 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

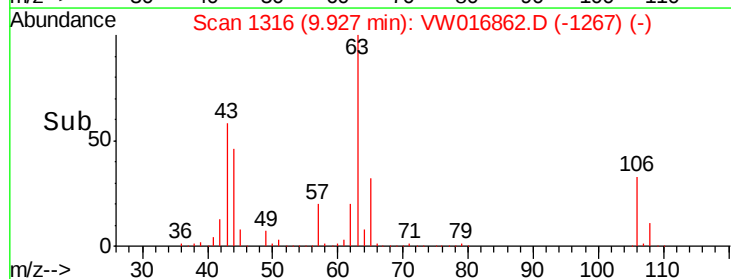
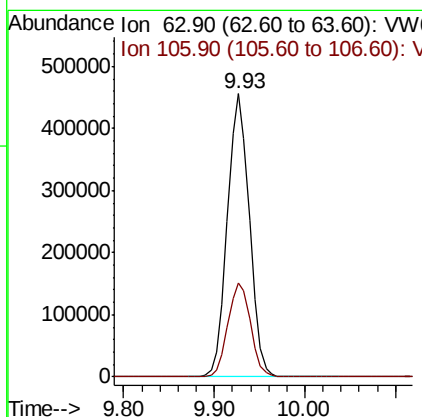
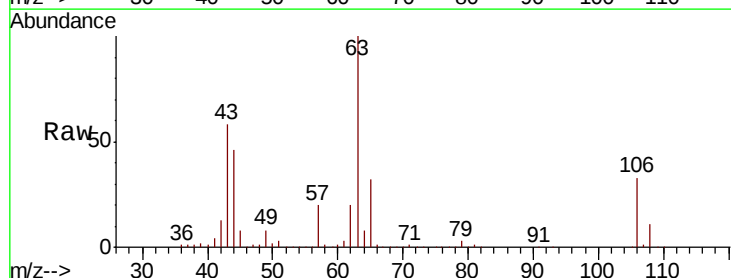
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

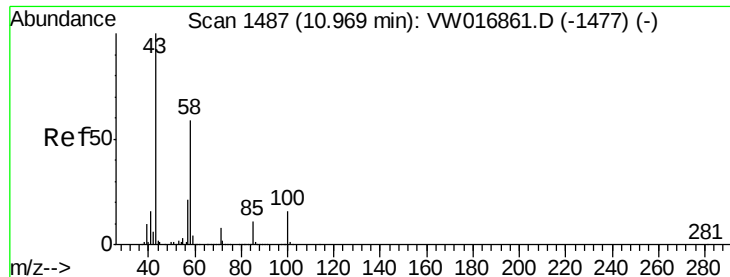
Tot Ion: 76 Resp: 386921
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 521.819 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 63 Resp: 767213
 Ion Ratio Lower Upper
 63 100
 106 33.8 27.0 40.4

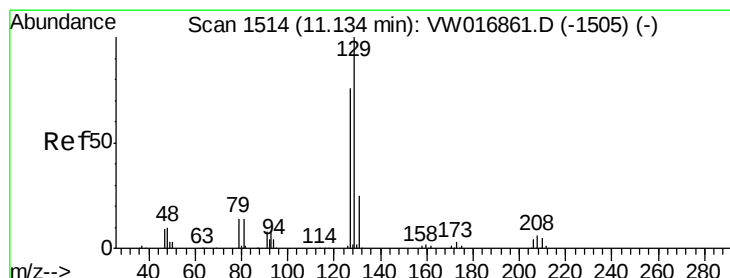
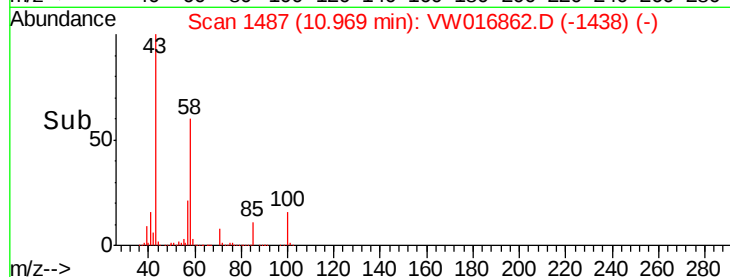
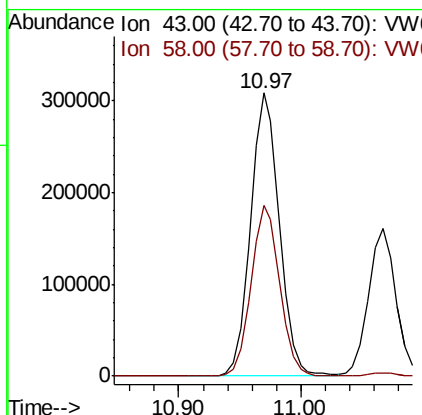
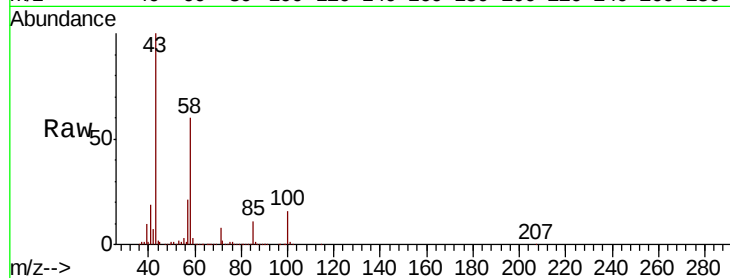




#59
2-Hexanone
Concen: 511.803 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

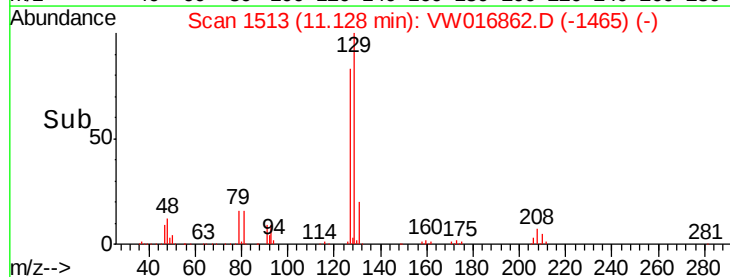
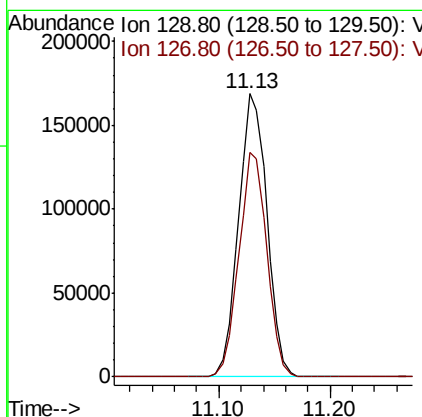
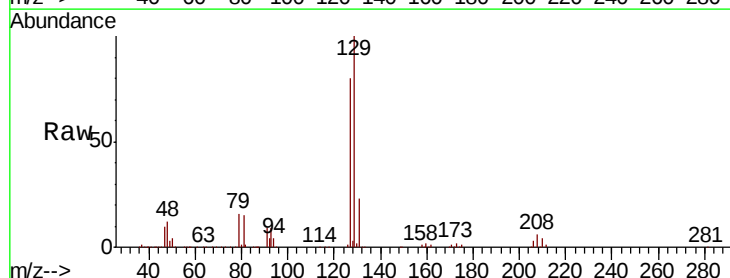
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

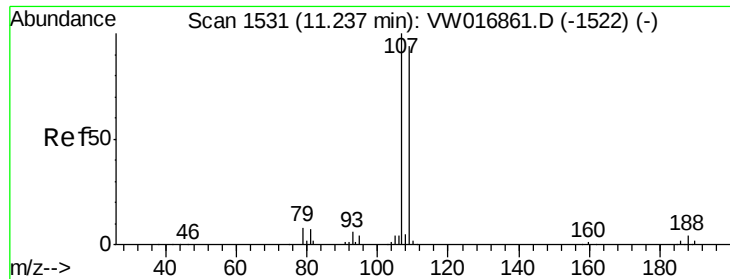
Tot Ion: 43 Resp: 505512
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5



#60
Dibromochloromethane
Concen: 99.759 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 129 Resp: 298425
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

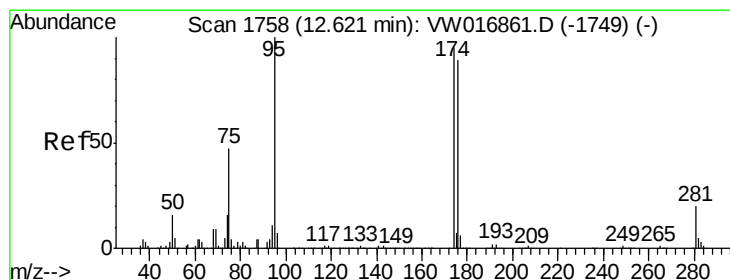
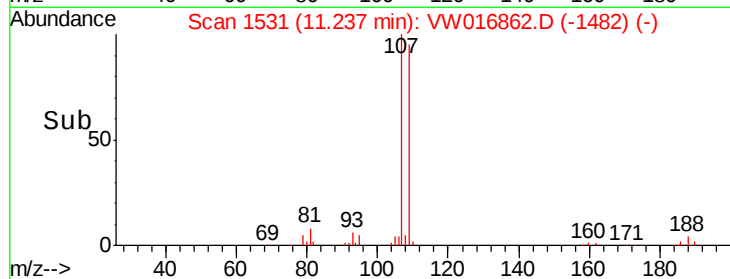
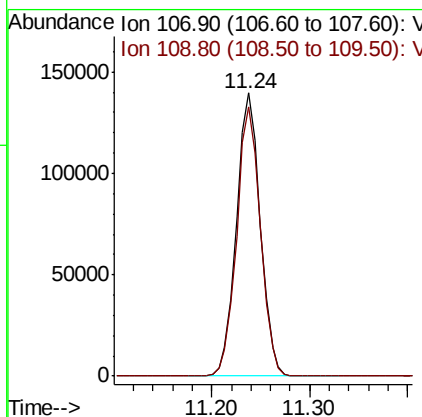
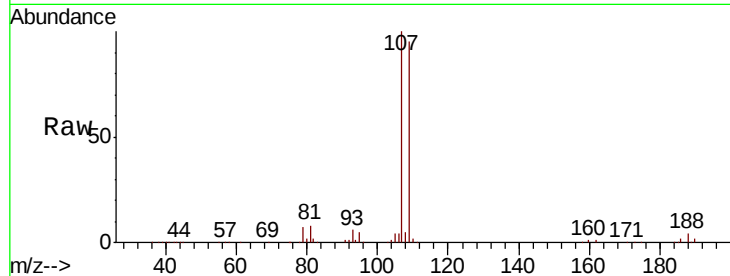




#61
1,2-Dibromoethane
Concen: 97.463 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

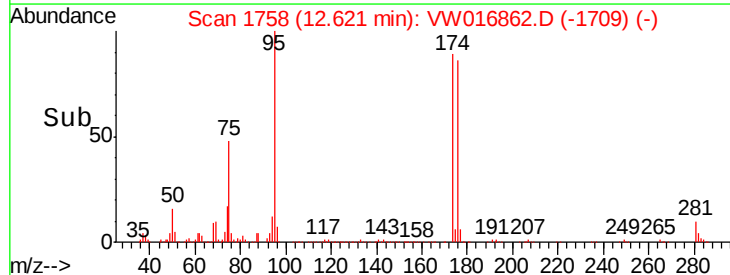
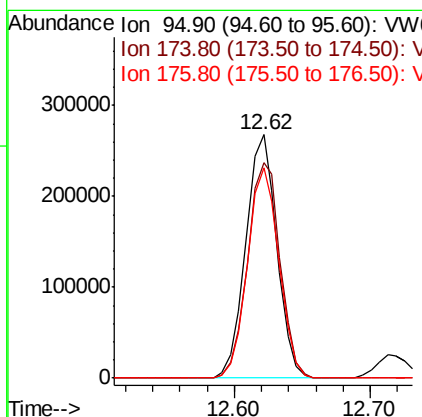
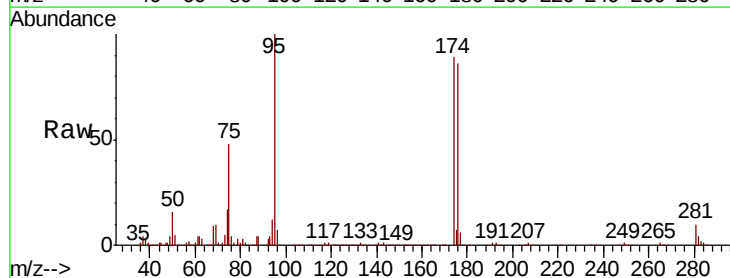
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

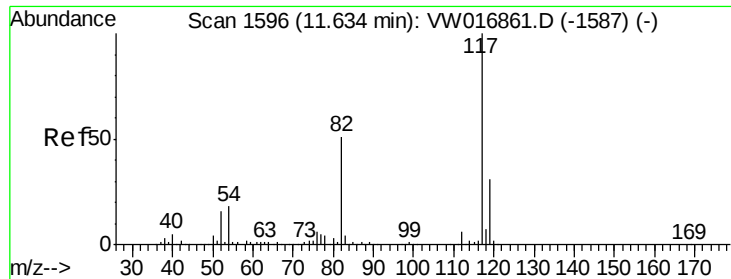
Tot Ion: 107 Resp: 235406
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 98.889 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 95 Resp: 427393
Ion Ratio Lower Upper
95 100
174 93.0 0.0 180.6
176 87.9 0.0 177.6

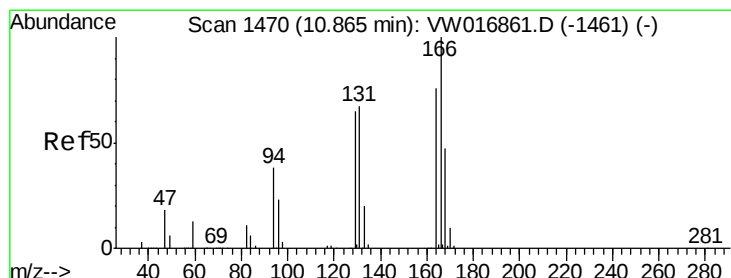
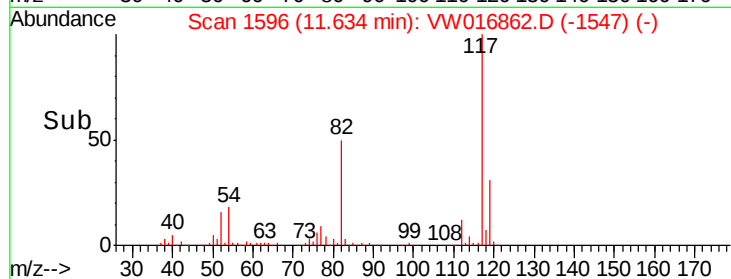
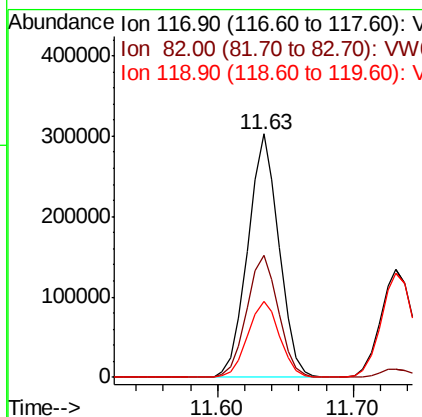
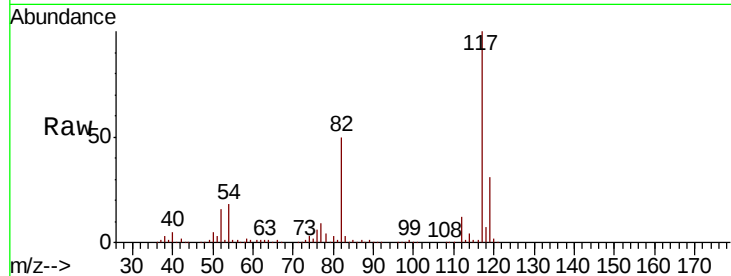




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

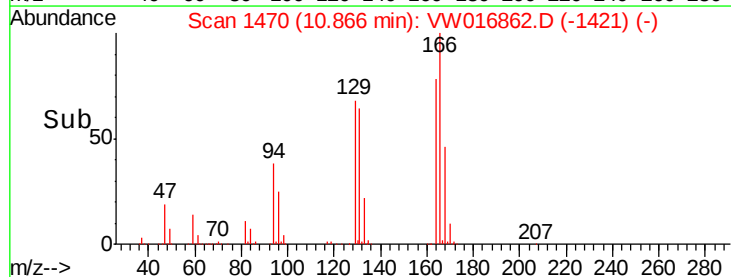
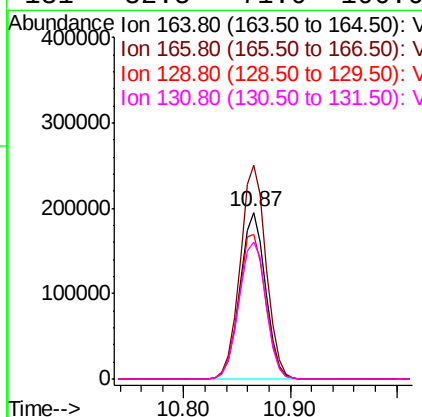
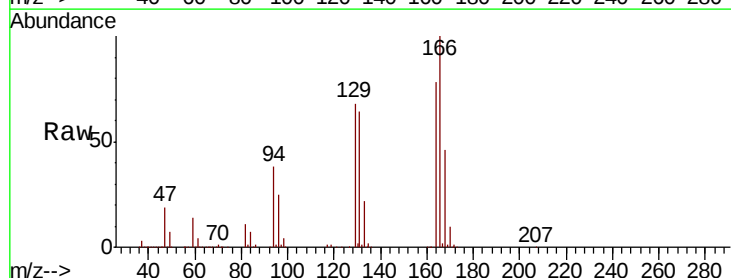
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

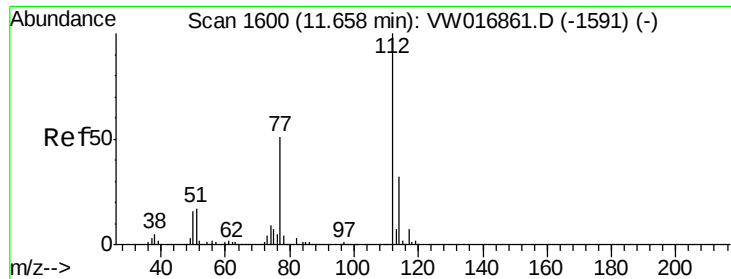
Tot Ion:117 Resp: 484371
Ion Ratio Lower Upper
117 100
82 50.2 40.7 61.1
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 95.403 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion:164 Resp: 329233
Ion Ratio Lower Upper
164 100
166 128.3 105.3 157.9
129 87.1 68.8 103.2
131 82.5 71.0 106.6

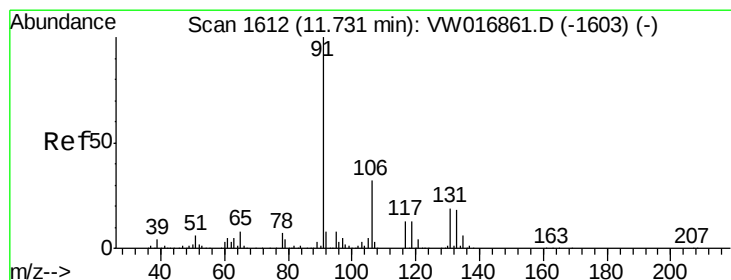
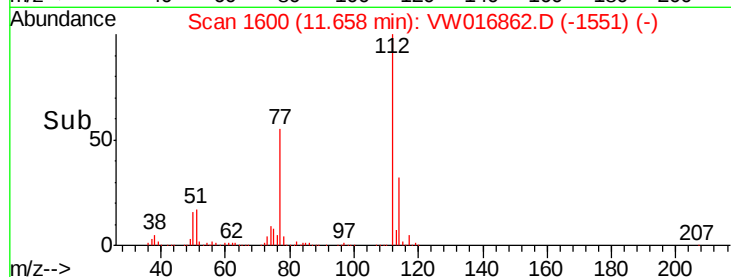
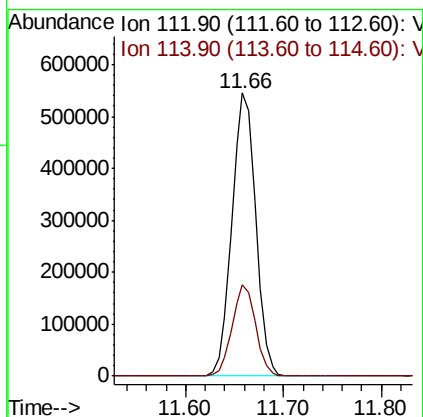
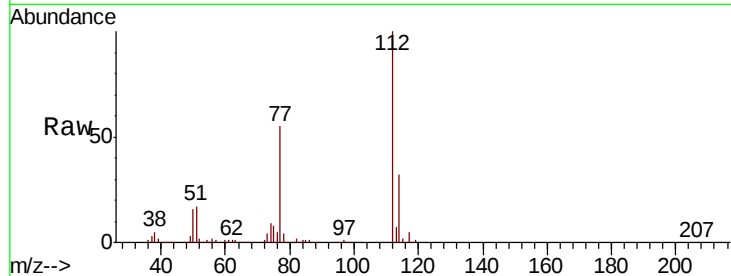




#65
Chlorobenzene
Concen: 96.951 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

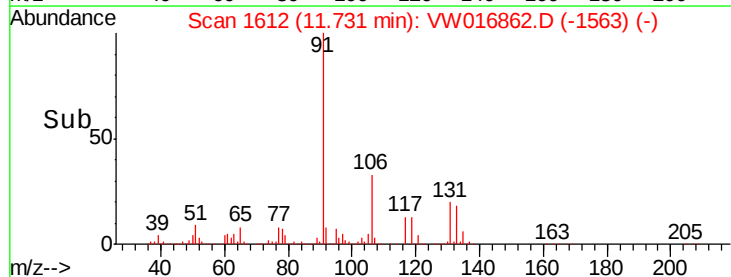
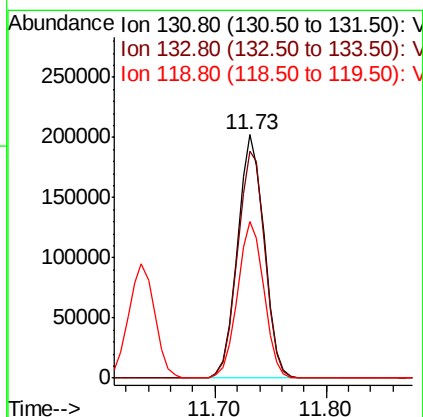
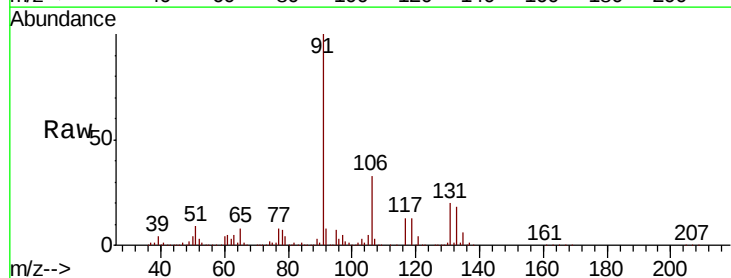
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

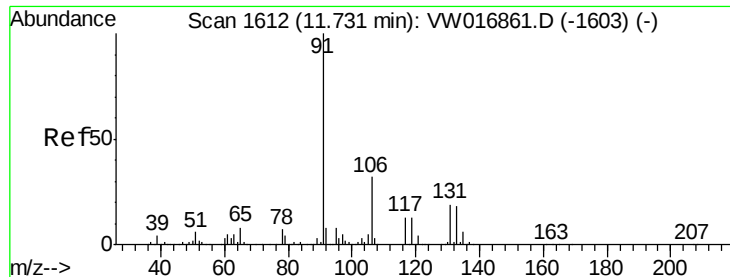
Tot Ion:112 Resp: 921103
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 99.367 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion:131 Resp: 333859
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.3
119 63.9 32.5 97.4

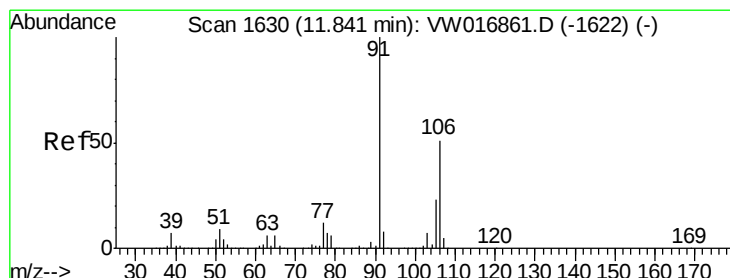
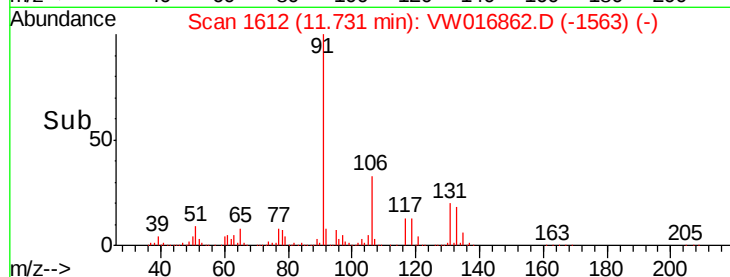
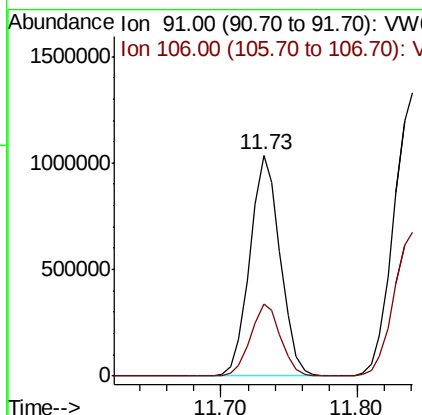
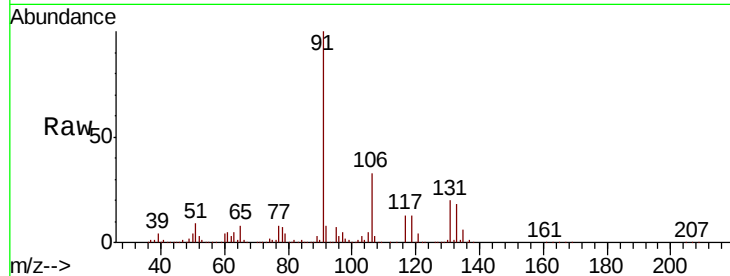




#67
Ethyl Benzene
Concen: 97.571 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

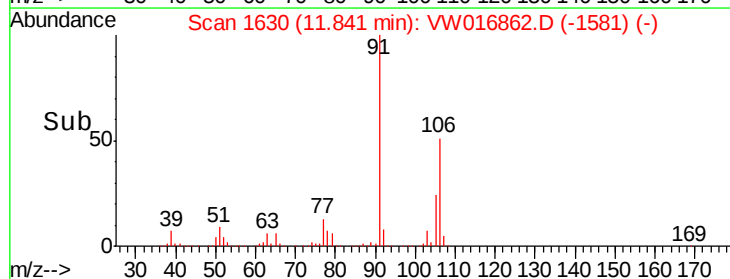
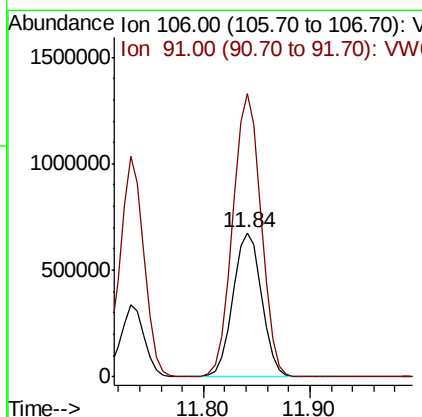
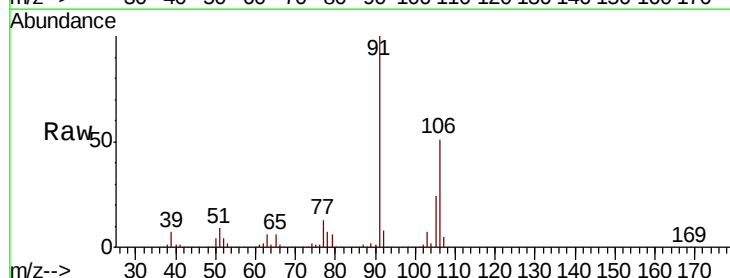
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

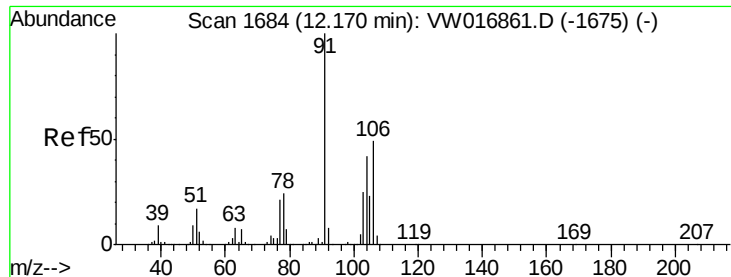
Tot Ion: 91 Resp: 1615330
Ion Ratio Lower Upper
91 100
106 32.7 25.9 38.9



#68
m/p-Xylenes
Concen: 198.164 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 106 Resp: 1275946
Ion Ratio Lower Upper
106 100
91 194.4 157.4 236.0

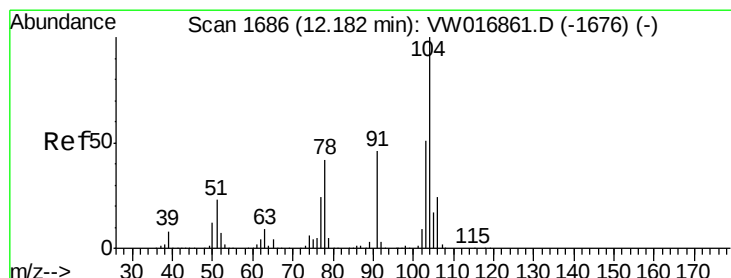
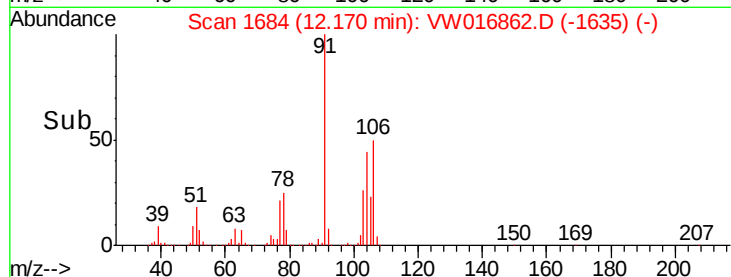
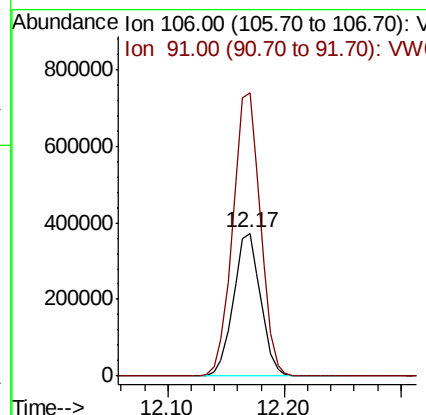
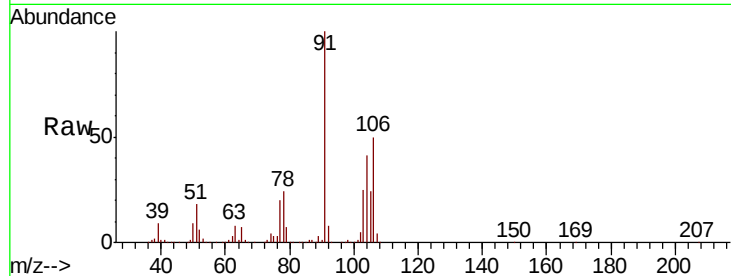




#69
o-Xylene
Concen: 101.865 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

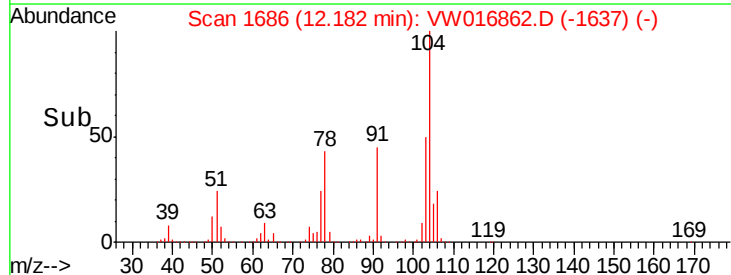
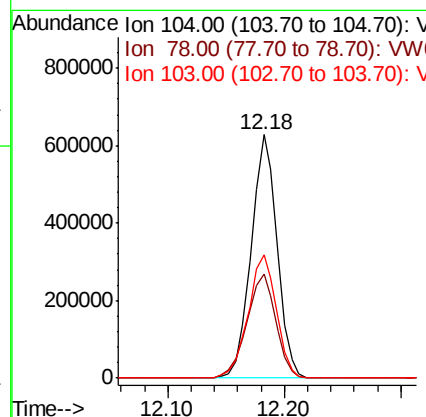
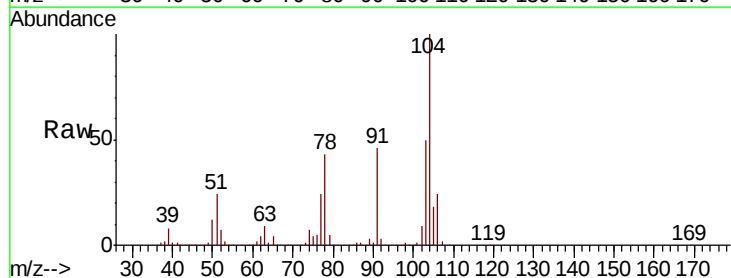
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

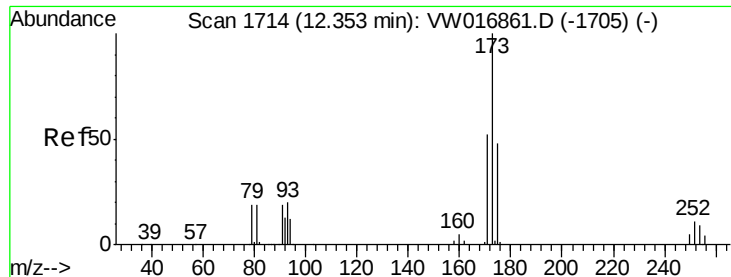
Tot Ion:106 Resp: 601892
Ion Ratio Lower Upper
106 100
91 201.9 103.6 310.9



#70
Styrene
Concen: 99.299 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion:104 Resp: 976519
Ion Ratio Lower Upper
104 100
78 47.7 37.6 56.4
103 55.1 43.6 65.4

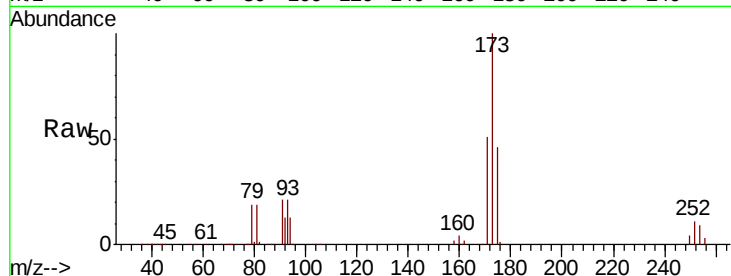




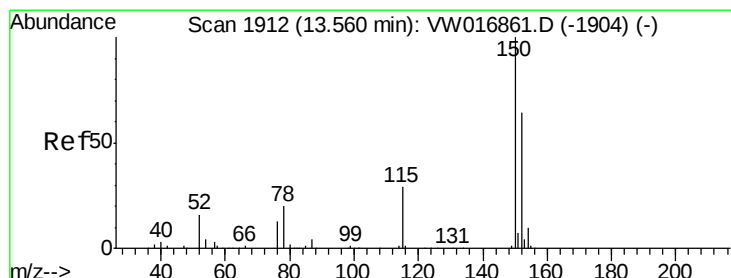
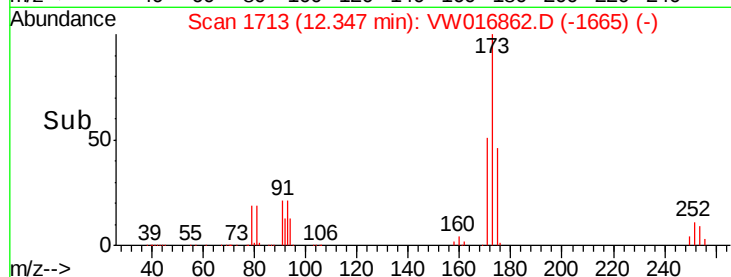
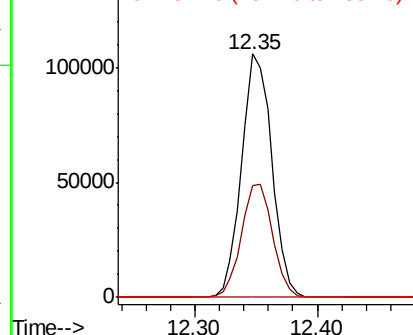
#71
Bromoform
Concen: 107.705 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:173 Resp: 181674
Ion Ratio Lower Upper
173 100
175 47.8 24.7 74.1
254 0.1 0.1 0.1#

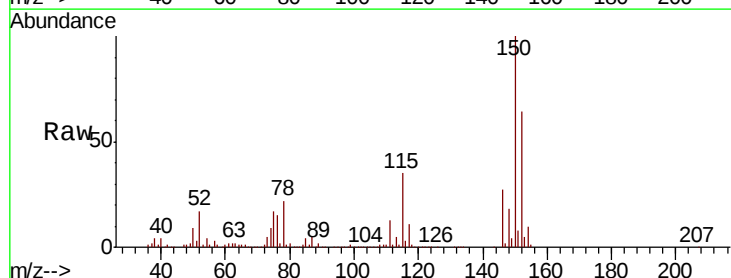


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

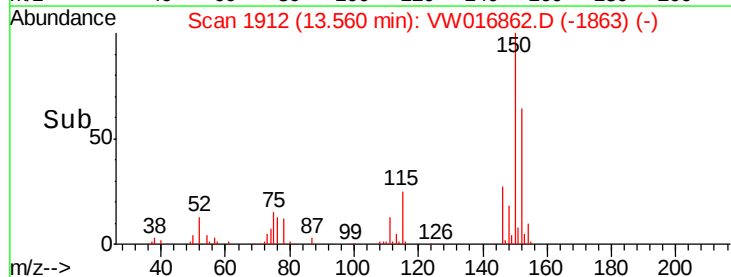
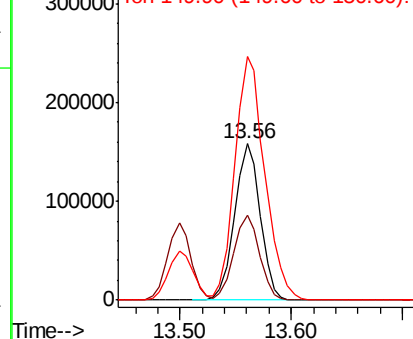


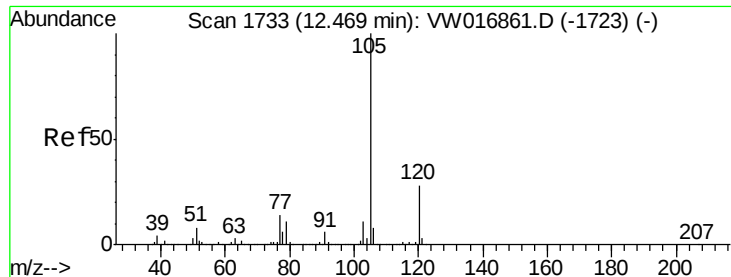
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion:152 Resp: 249483
Ion Ratio Lower Upper
152 100
115 55.1 27.9 83.7
150 182.6 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 98.037 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

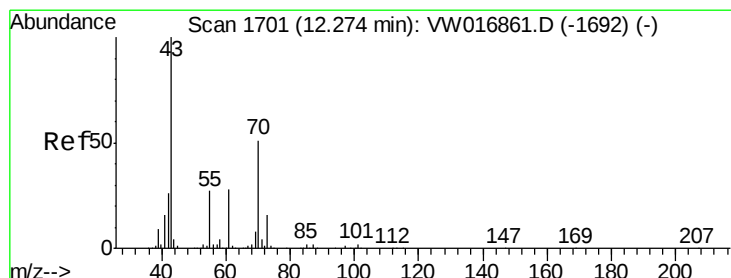
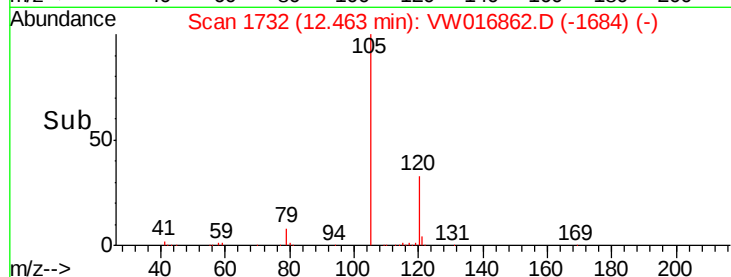
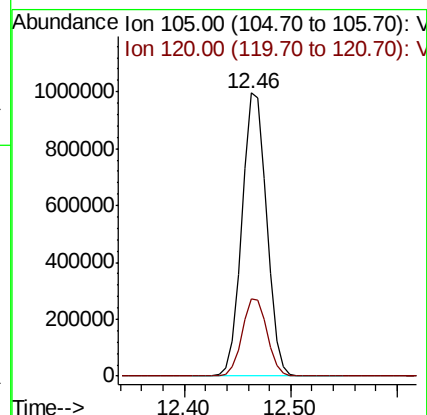
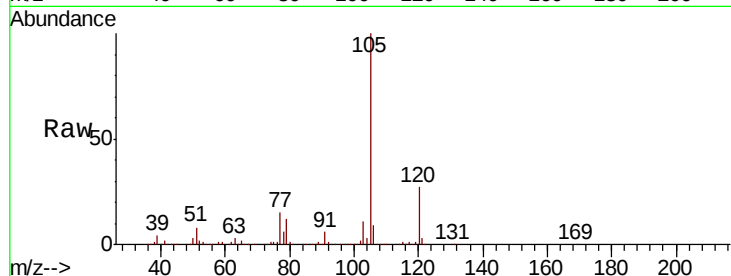
VSTDIC100

Tot Ion:105 Resp: 1625668

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 103.495 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion: 43 Resp: 275665

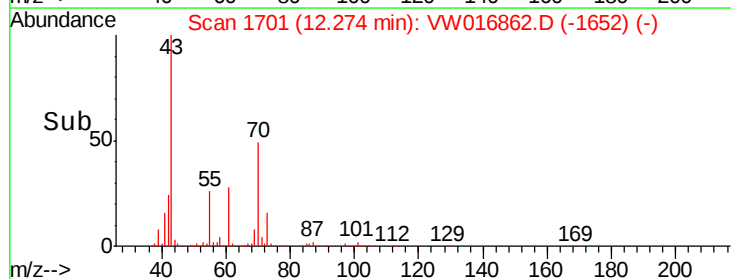
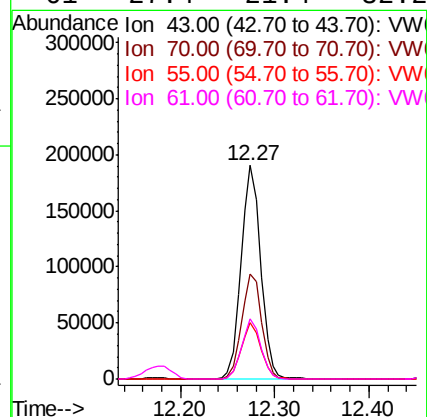
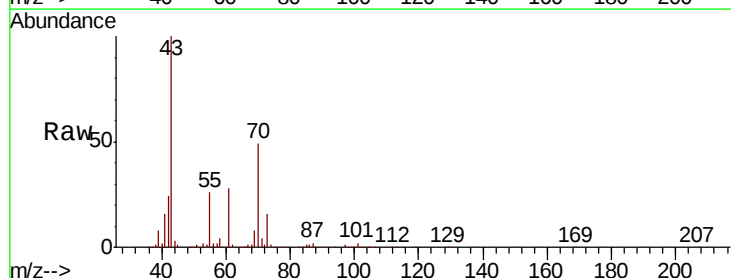
Ion Ratio Lower Upper

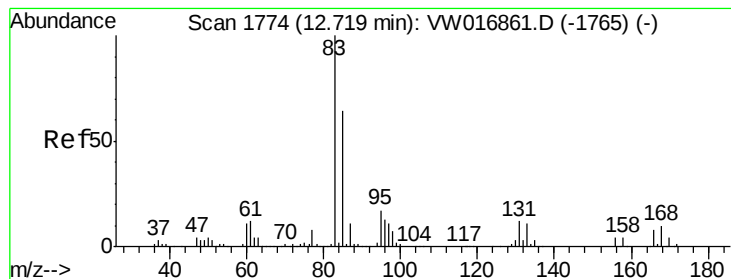
43 100

70 50.5 40.2 60.4

55 26.3 21.4 32.0

61 27.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 97.298 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

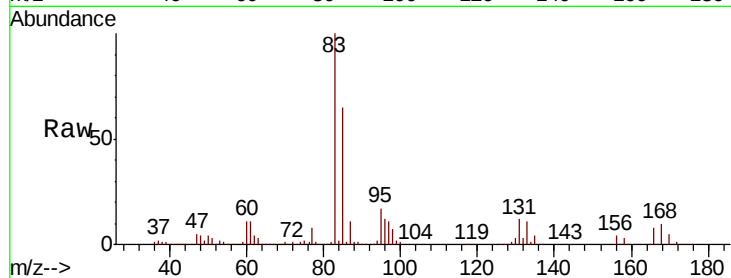
Tot Ion: 83 Resp: 253148

Ion Ratio Lower Upper

83 100

131 12.1 6.1 18.3

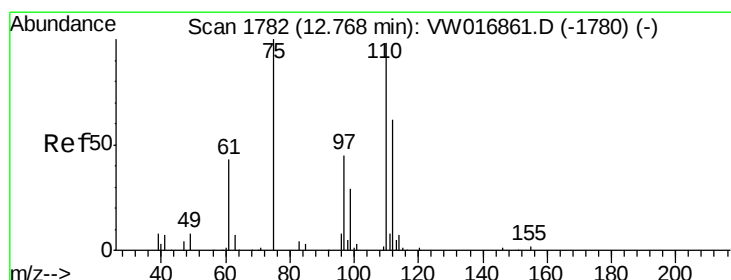
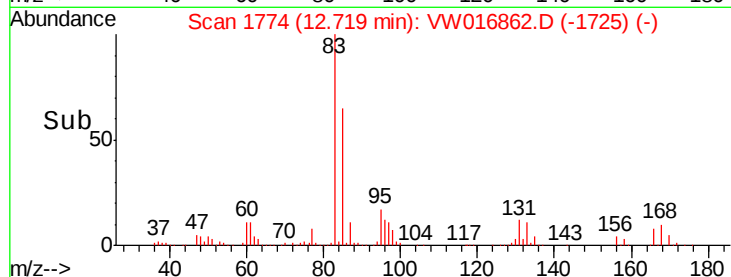
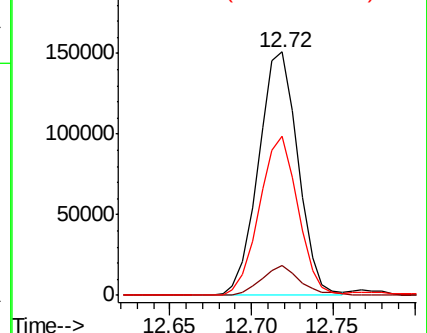
85 63.8 32.7 98.1



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: 199.445 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016862.D

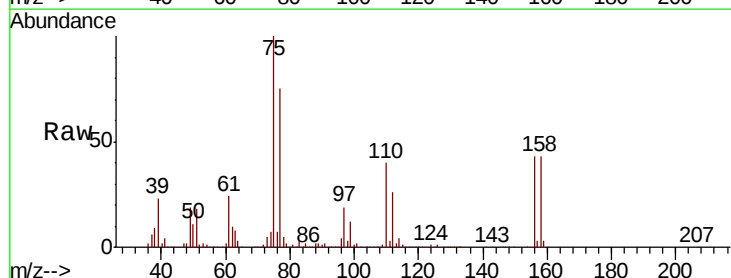
Acq: 09 Oct 2020 15:23

Tgt Ion: 75 Resp: 321003

Ion Ratio Lower Upper

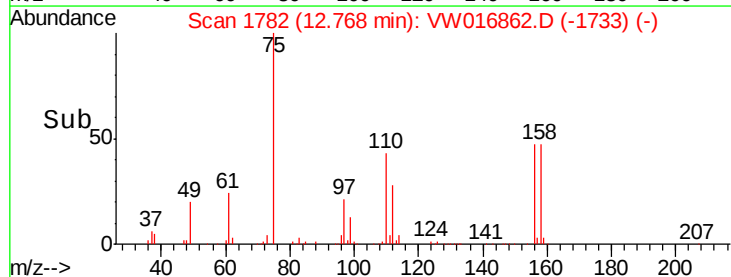
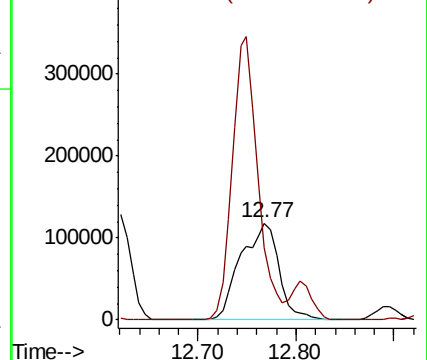
75 100

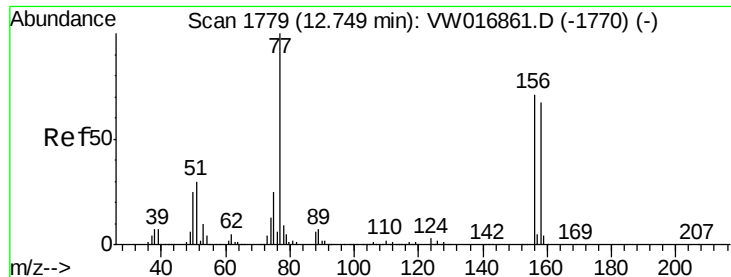
77 194.8 178.8 536.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 93.833 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

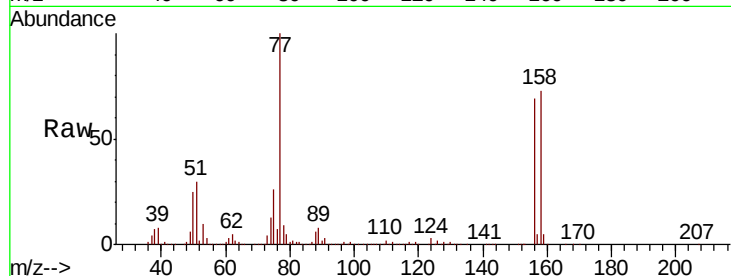
Tot Ion:156 Resp: 384624

Ion Ratio Lower Upper

156 100

77 162.6 79.0 237.2

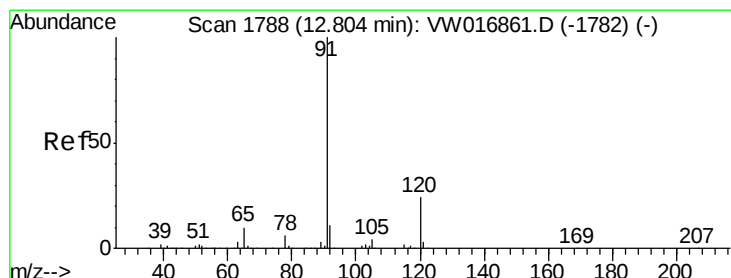
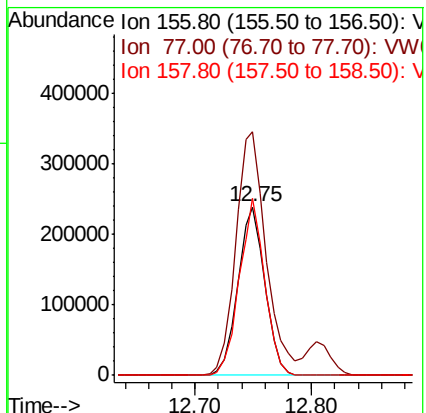
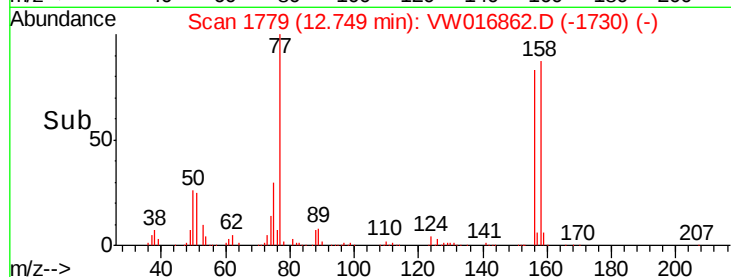
158 98.9 47.0 141.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 97.515 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016862.D

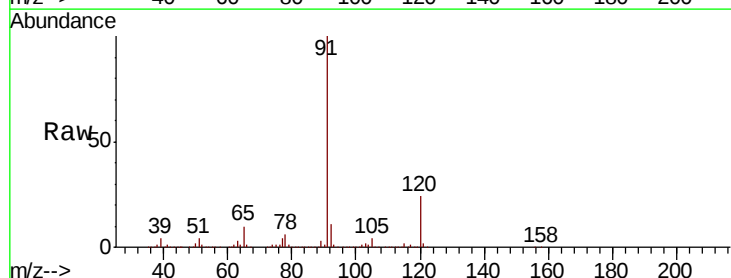
Acq: 09 Oct 2020 15:23

Tgt Ion: 91 Resp: 1864844

Ion Ratio Lower Upper

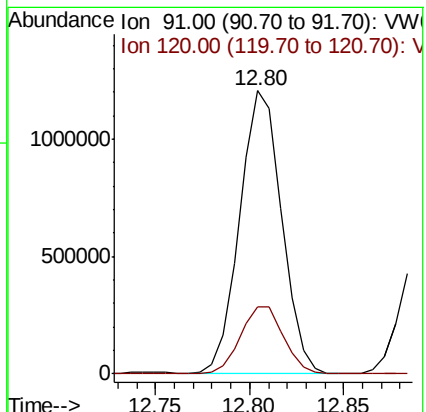
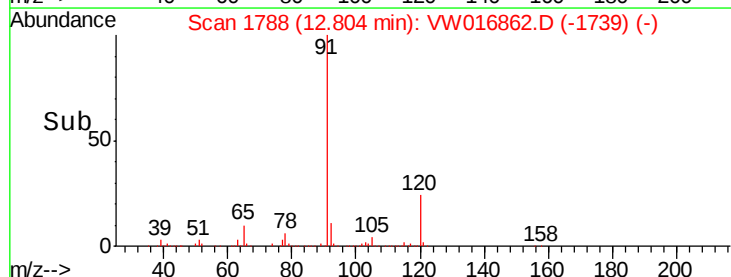
91 100

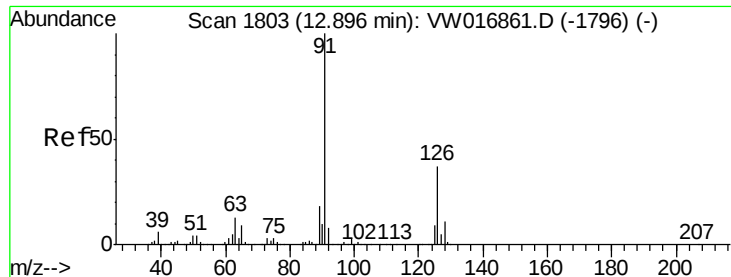
120 24.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

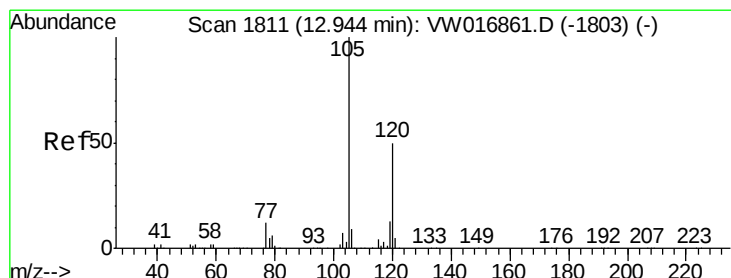
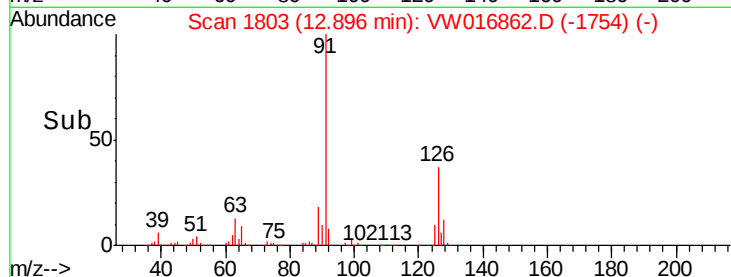
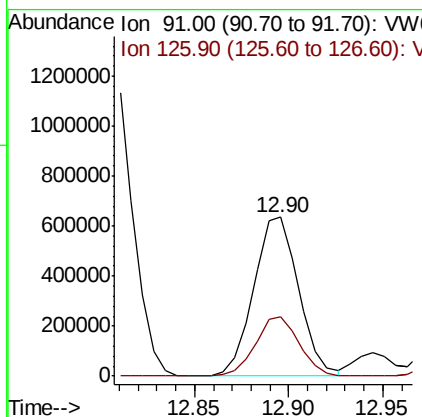
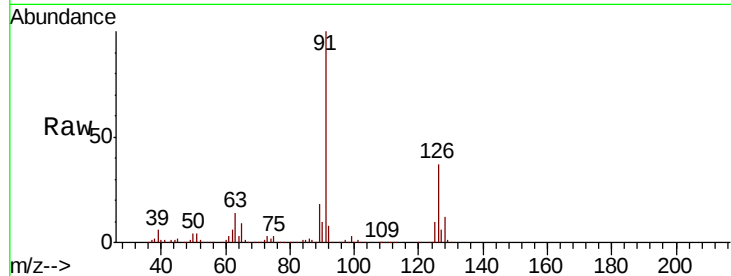




#79
 2-Chlorotoluene
 Concen: 96.594 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

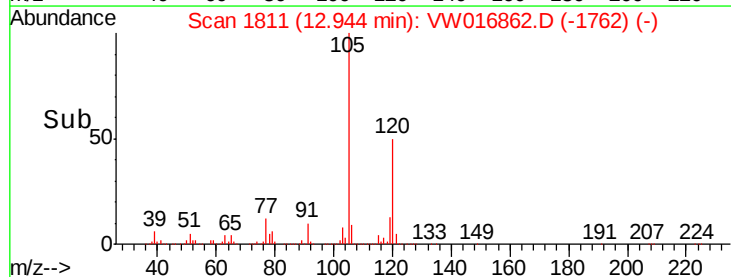
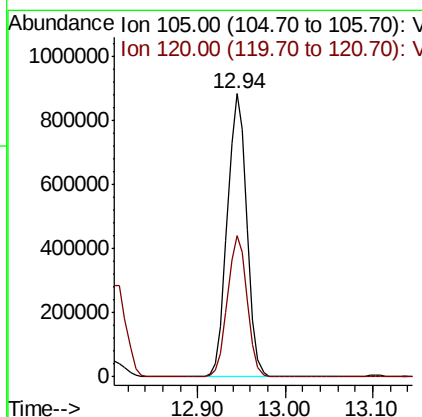
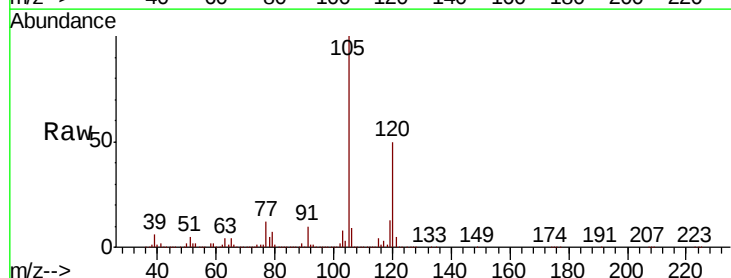
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

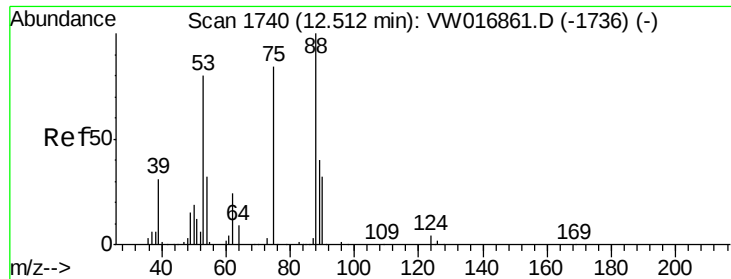
Tot Ion: 91 Resp: 1053759
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 97.883 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 105 Resp: 1360261
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.8

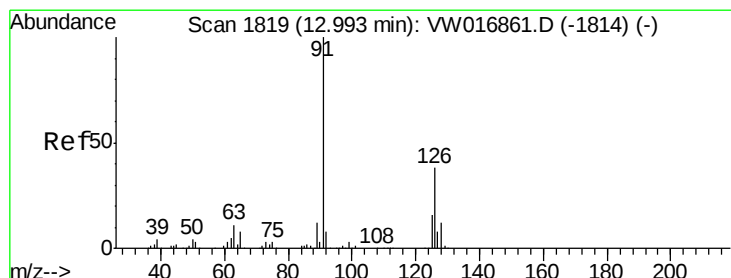
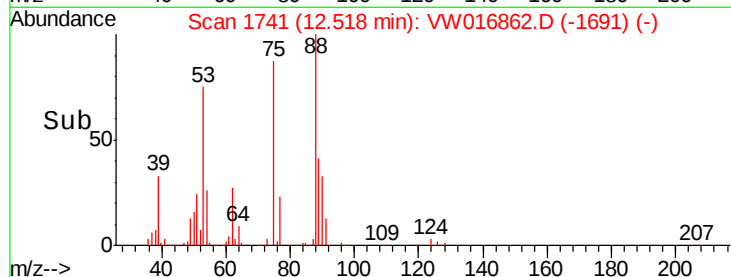
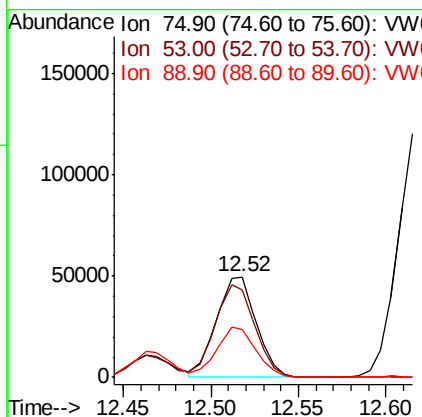
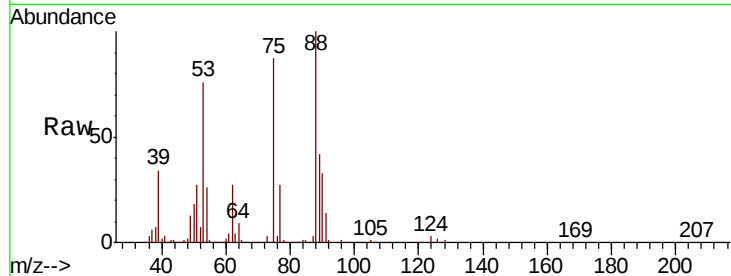




#81
trans-1,4-Dichloro-2-butene
Concen: 112.718 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

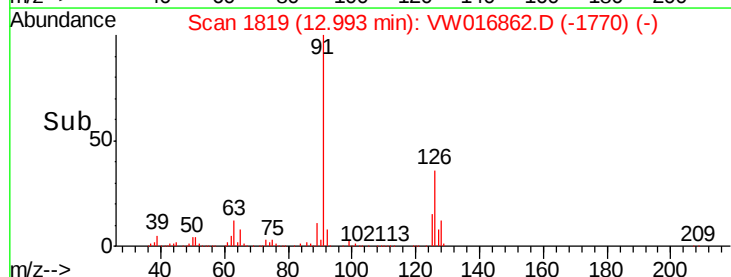
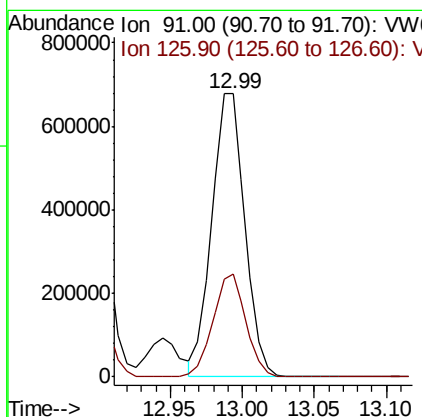
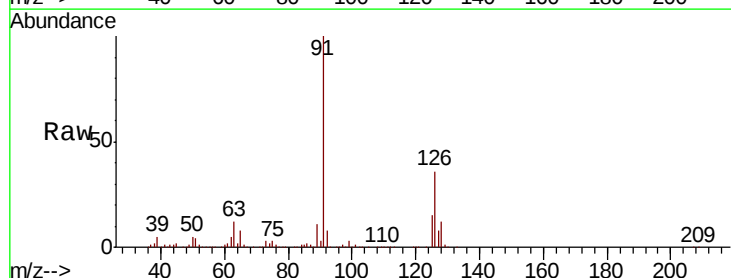
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

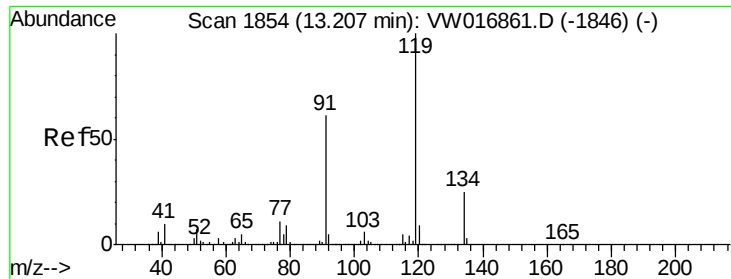
Tot Ion: 75 Resp: 78065
Ion Ratio Lower Upper
75 100
53 92.9 77.0 115.4
89 49.2 38.7 58.1



#82
4-Chlorotoluene
Concen: 96.551 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 91 Resp: 1087328
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.3

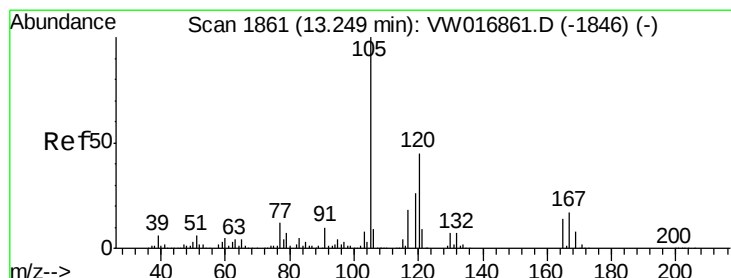
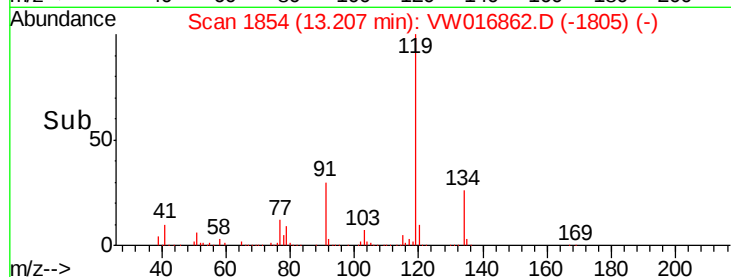
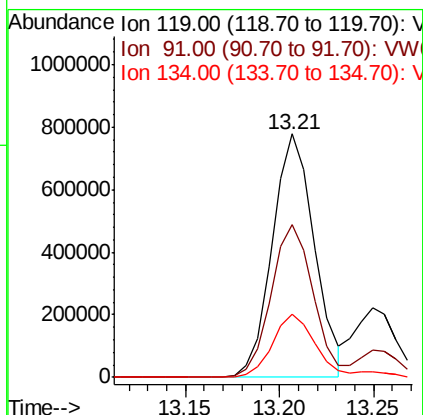
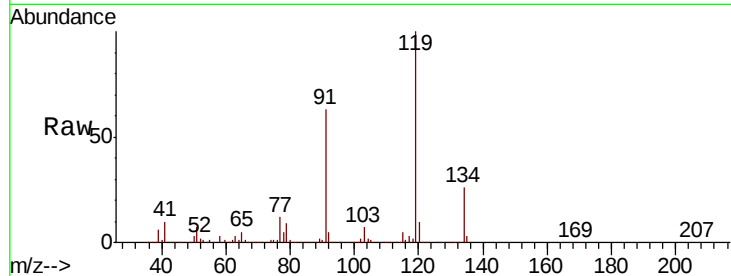




#83
tert-Butylbenzene
Concen: 100.018 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

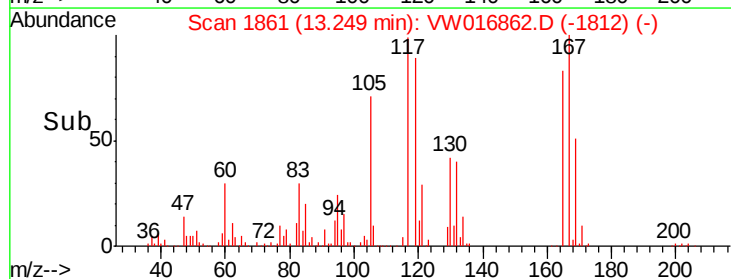
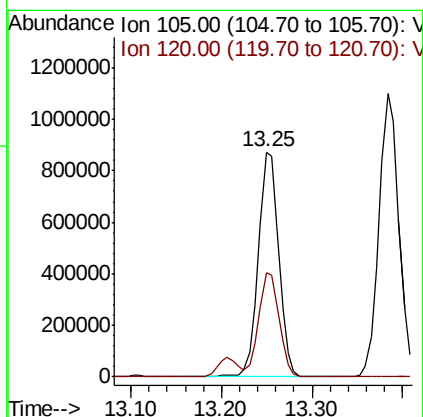
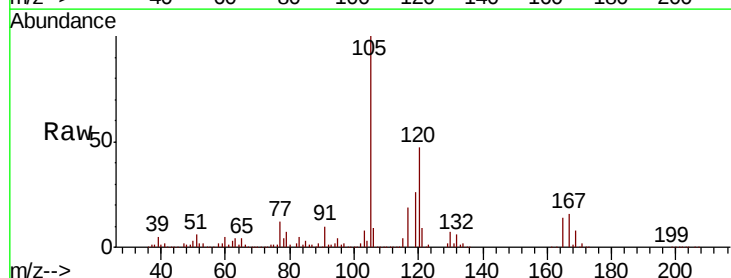
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

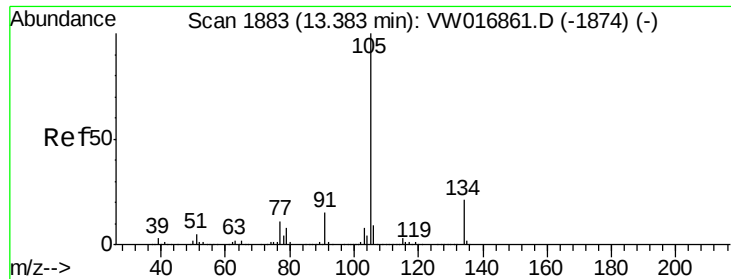
Tot Ion:119 Resp: 1207179
Ion Ratio Lower Upper
119 100
91 63.5 31.3 93.9
134 27.6 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 98.152 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion:105 Resp: 1359137
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0

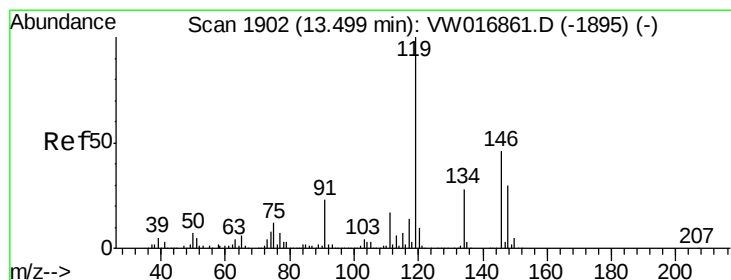
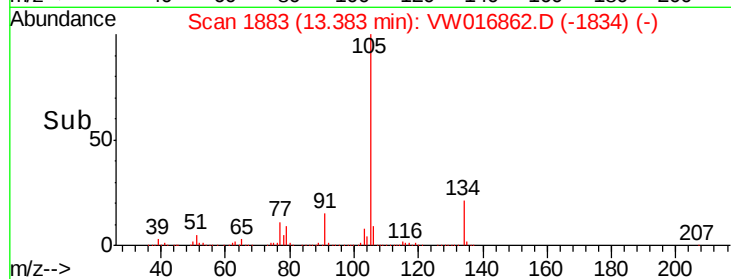
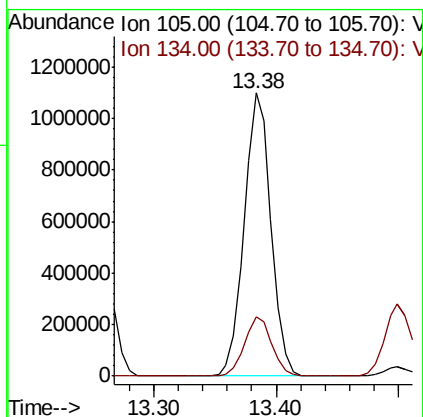
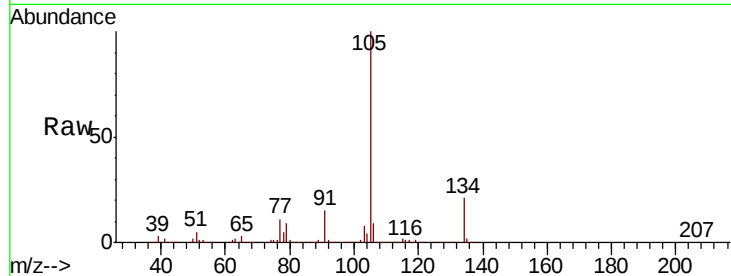




#85
 sec-Butylbenzene
 Concen: 98.903 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

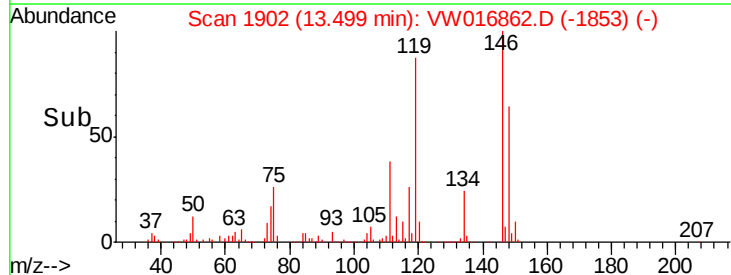
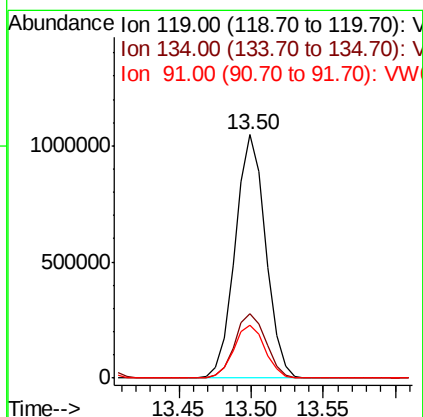
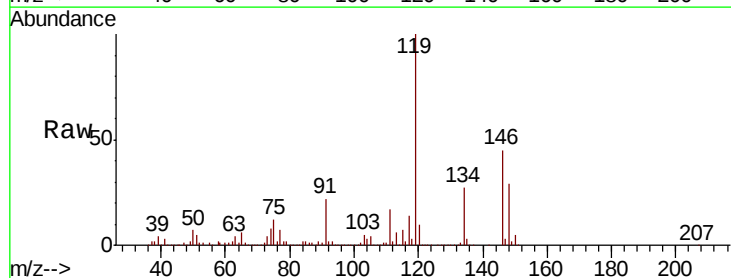
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

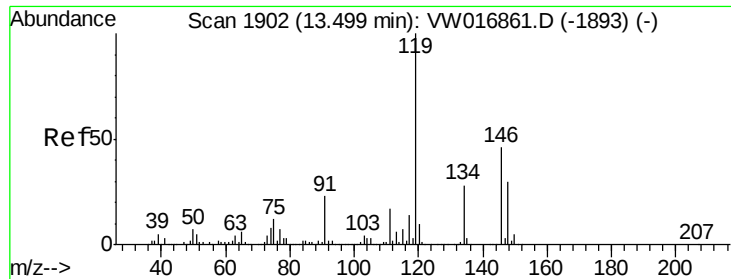
Tot Ion:105 Resp: 1661597
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 98.589 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion:119 Resp: 1542322
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.8 41.3
 91 22.3 11.3 33.9

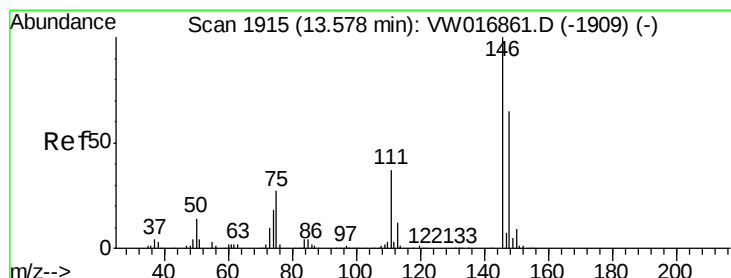
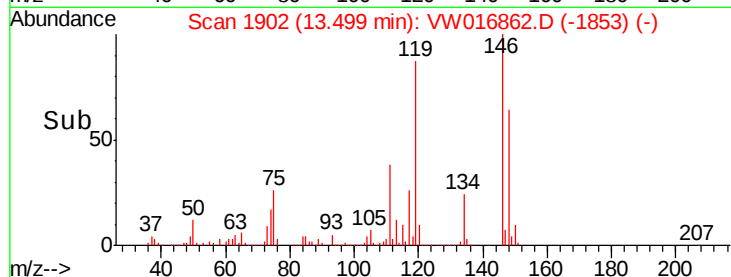
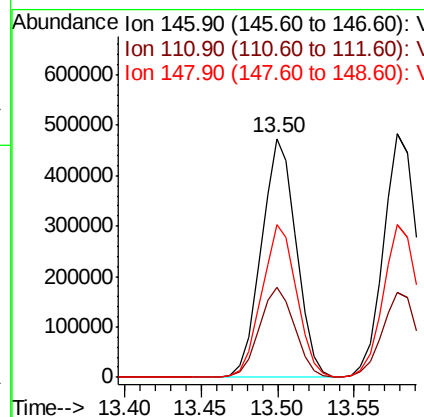
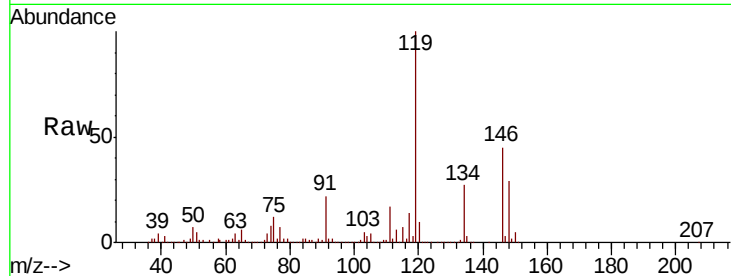




#87
 1,3-Dichlorobenzene
 Concen: 94.921 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

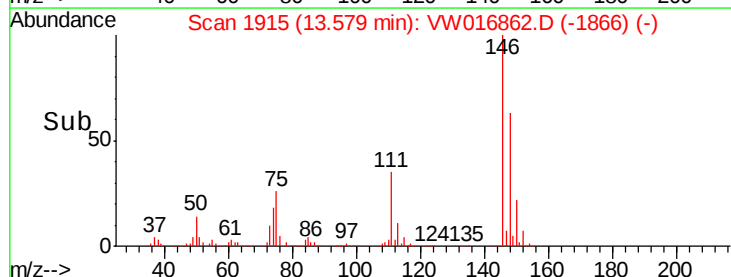
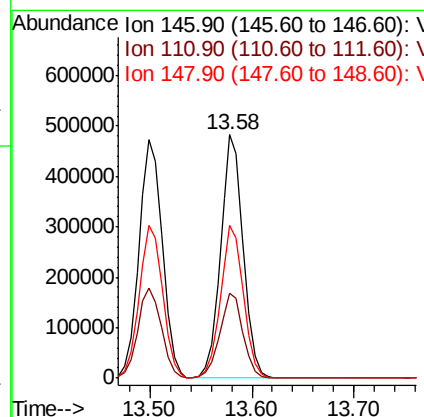
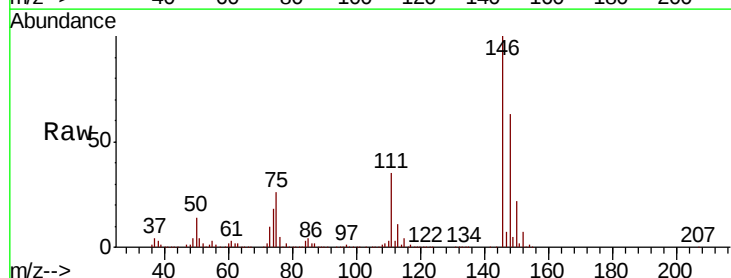
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

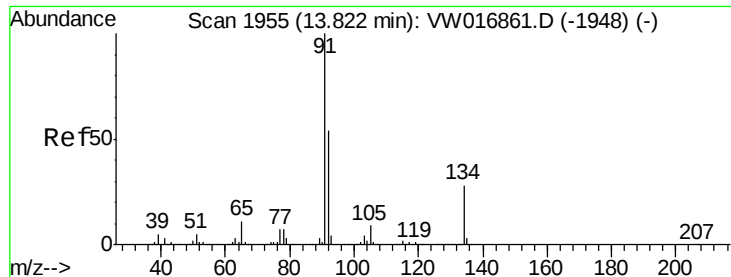
Tot Ion:146 Resp: 752410
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 63.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 95.017 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion:146 Resp: 742204
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.5 55.5
 148 63.9 31.8 95.4

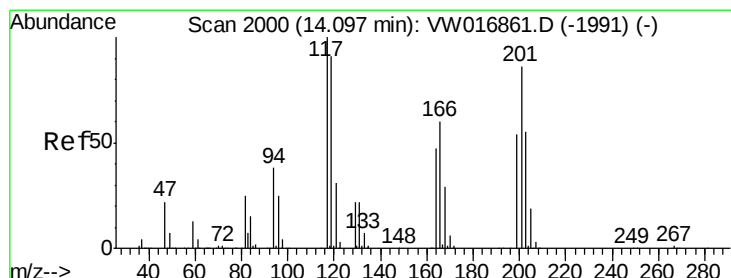
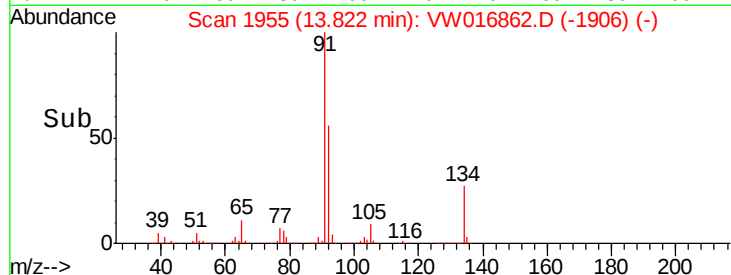
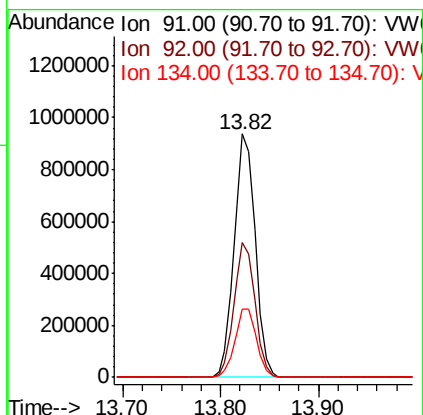
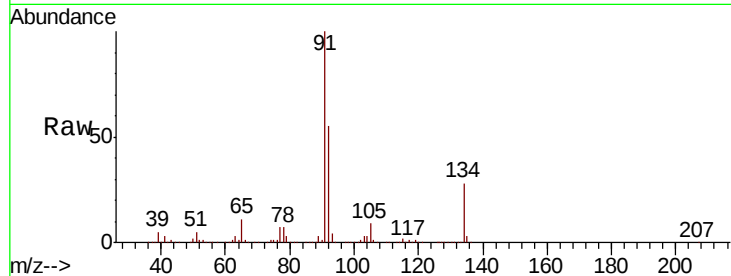




#89
n-Butylbenzene
Concen: 99.399 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

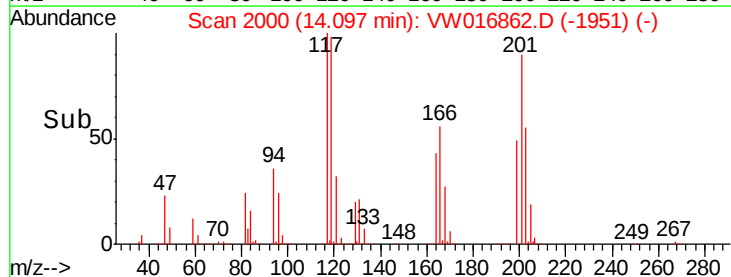
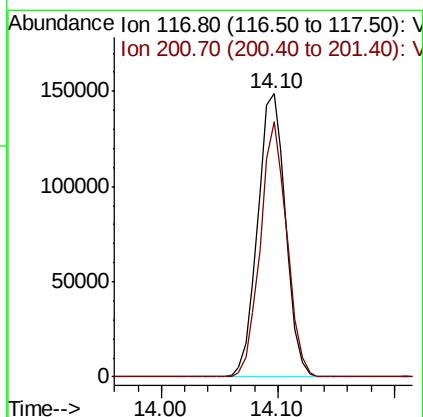
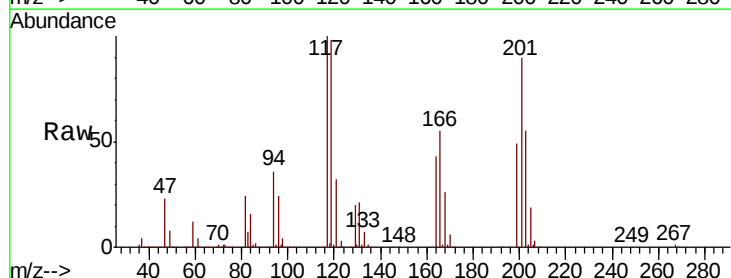
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

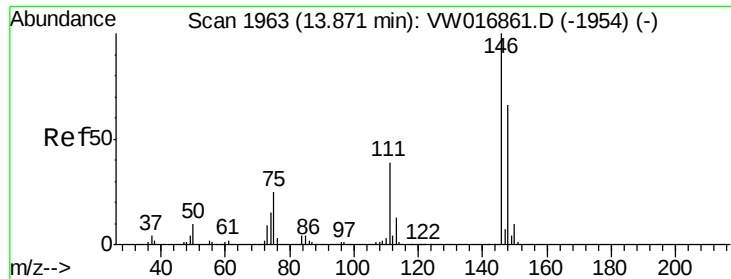
Tot Ion: 91 Resp: 1400865
Ion Ratio Lower Upper
91 100
92 54.9 26.6 79.7
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 102.993 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 117 Resp: 248614
Ion Ratio Lower Upper
117 100
201 85.6 41.9 125.7

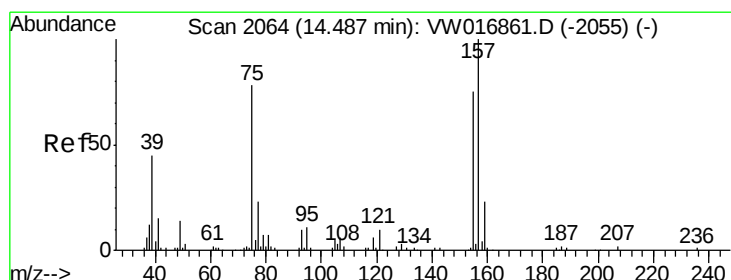
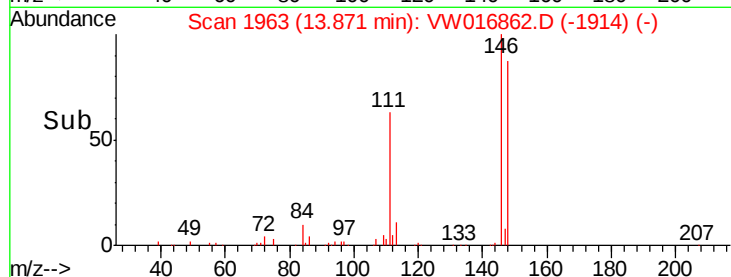
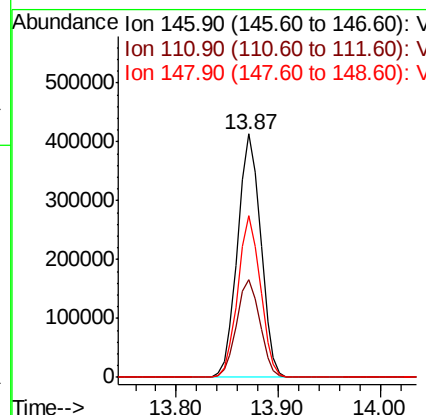
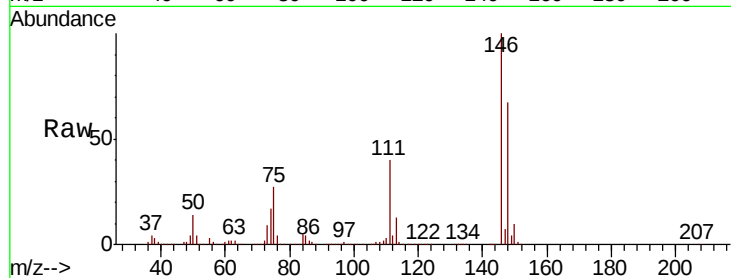




#91
 1,2-Dichlorobenzene
 Concen: 94.569 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

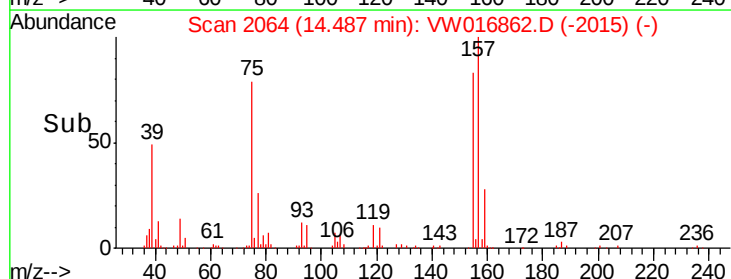
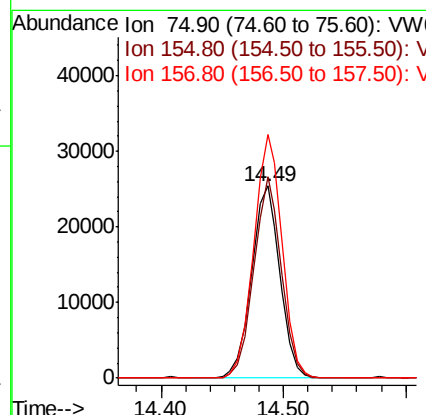
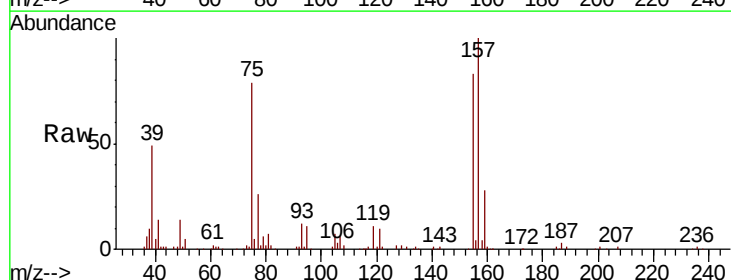
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

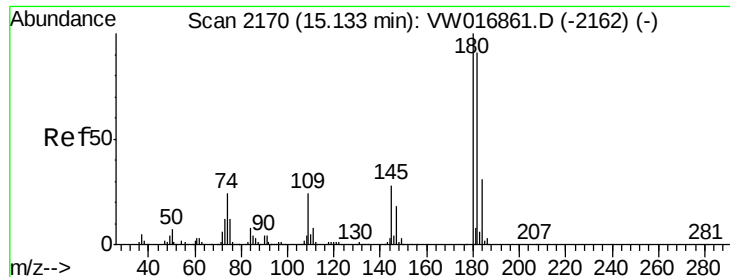
Tot Ion:146 Resp: 646776
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.3
 148 64.9 33.1 99.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.384 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 75 Resp: 41192
 Ion Ratio Lower Upper
 75 100
 155 100.8 47.6 142.8
 157 126.0 62.2 186.6

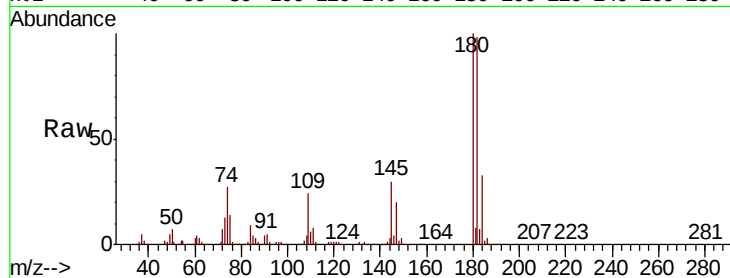




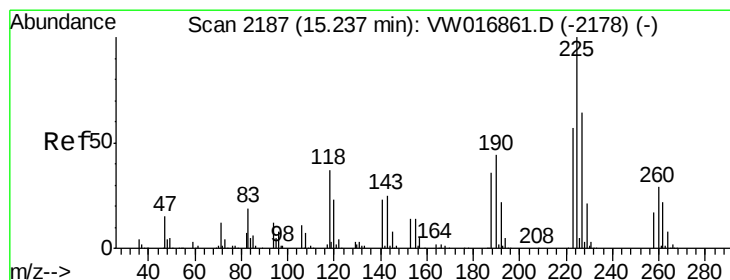
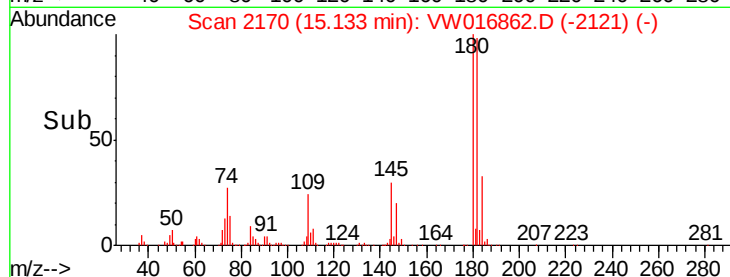
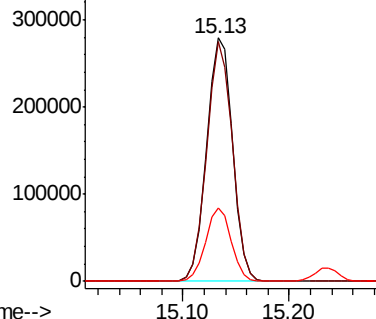
#93
 1,2,4-Trichlorobenzene
 Concen: 101.182 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:180 Resp: 477472
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.3 144.9
 145 29.7 14.9 44.5

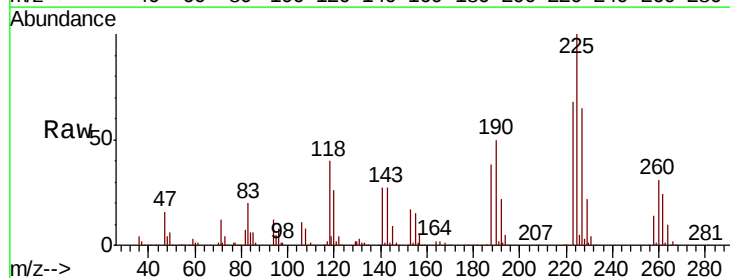


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

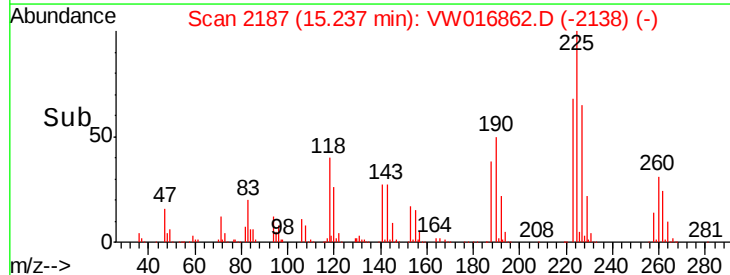
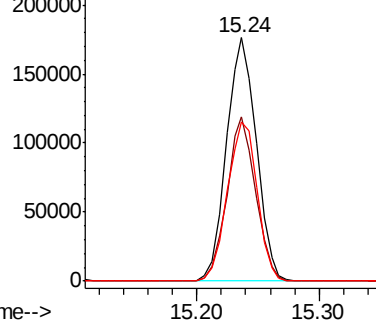


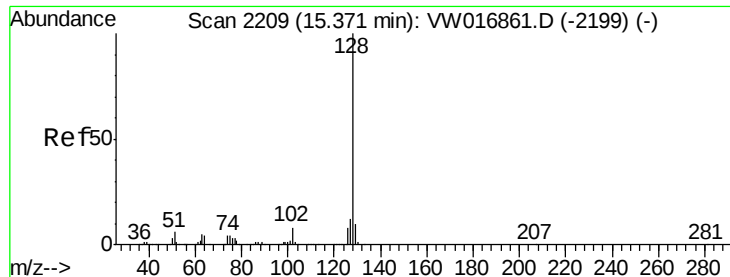
#94
 Hexachlorobutadiene
 Concen: 98.069 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion:225 Resp: 299997
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.9 95.7
 227 65.5 33.0 99.0



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

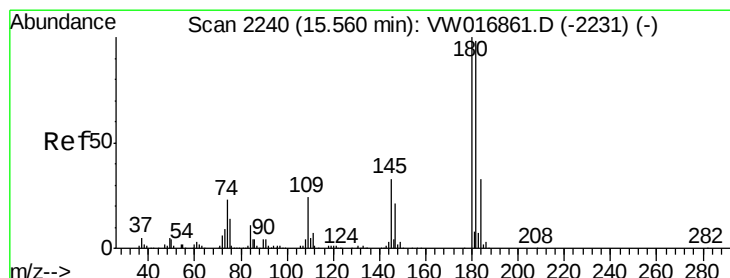
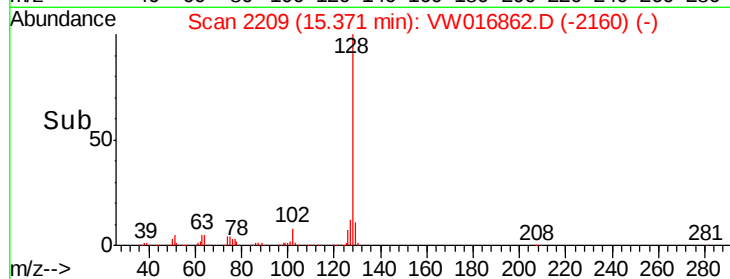
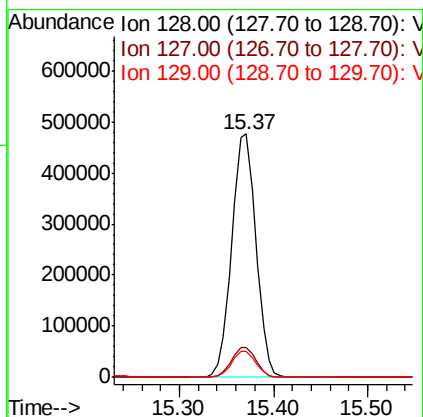
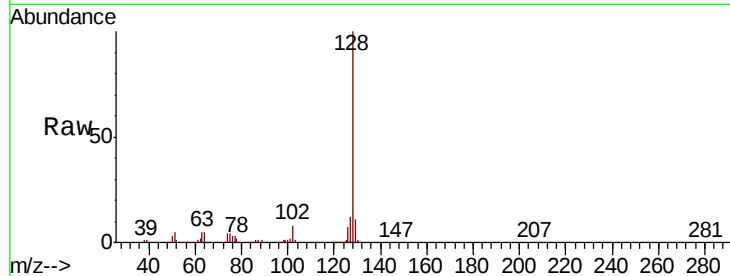




#95
Naphthalene
Concen: 110.870 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion:128 Resp: 850303
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 101.157 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion:180 Resp: 415279
Ion Ratio Lower Upper
180 100
182 95.8 49.4 148.2
145 32.0 16.3 48.9

