

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016183.D
 Acq On : 14 Aug 2020 10:14
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 14 11:39:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	24632	8.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.92%	
35) Dibromofluoromethane	7.89	113	25170	9.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.62%	
50) Toluene-d8	10.32	98	96031	9.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.46%	
62) 4-Bromofluorobenzene	12.62	95	34902	9.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.50%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	19235	13.468	ug/l 97
3) Chloromethane	2.21	50	19362	10.239	ug/l 94
4) Vinyl Chloride	2.36	62	28674	9.994	ug/l 98
5) Bromomethane	2.78	94	17865	8.305	ug/l 97
6) Chloroethane	2.93	64	15764	8.325	ug/l 96
7) Trichlorofluoromethane	3.26	101	21989	10.571	ug/l 99
8) Diethyl Ether	3.68	74	13630	10.343	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	30353	12.163	ug/l 99
10) Methyl Iodide	4.27	142	41395	11.805	ug/l 96
11) Tert butyl alcohol	5.23	59	6254	41.694	ug/l 97
12) 1,1-Dichloroethene	4.03	96	30061	12.160	ug/l 97
13) Acrolein	3.90	56	10179	53.620	ug/l 98
14) Allyl chloride	4.67	41	38059	9.796	ug/l 97
15) Acrylonitrile	5.38	53	23985	46.815	ug/l 97
16) Acetone	4.15	43	23061	45.354	ug/l 99
17) Carbon Disulfide	4.37	76	87495	11.939	ug/l 99
18) Methyl Acetate	4.68	43	10807	9.323	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	34518	9.579	ug/l 100
20) Methylene Chloride	4.92	84	42837	14.208	ug/l 93
21) trans-1,2-Dichloroethene	5.42	96	32224	11.342	ug/l 98
22) Diisopropyl ether	6.32	45	74461	9.577	ug/l 94
23) Vinyl Acetate	6.26	43	198343	42.916	ug/l 99
24) 1,1-Dichloroethane	6.22	63	52440	10.521	ug/l 97
25) 2-Butanone	7.18	43	31228	45.449	ug/l 98
26) 2,2-Dichloropropane	7.17	77	34961	11.160	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	32353	10.721	ug/l 96
28) Bromochloromethane	7.52	49	19100	9.518	ug/l 99
29) Tetrahydrofuran	7.54	42	18946	45.412	ug/l 96
30) Chloroform	7.68	83	55367	10.841	ug/l 99
31) Cyclohexane	7.96	56	49187	10.458	ug/l # 93
32) 1,1,1-Trichloroethane	7.88	97	46103	10.763	ug/l 97
36) 1,1-Dichloropropene	8.09	75	44823	10.723	ug/l 99
37) Ethyl Acetate	7.26	43	13581	8.384	ug/l 99
38) Carbon Tetrachloride	8.07	117	44477	10.944	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50692	10.234	ug/l	98
40) Benzene	8.33	78	124611	10.831	ug/l	98
41) Methacrylonitrile	7.49	41	6609	7.196	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	32316	9.230	ug/l	100
43) Isopropyl Acetate	8.43	43	26171	8.370	ug/l	99
44) Trichloroethene	9.09	130	35785	11.670	ug/l	97
45) 1,2-Dichloropropane	9.37	63	29020	10.310	ug/l	98
46) Dibromomethane	9.46	93	15176	10.409	ug/l	99
47) Bromodichloromethane	9.65	83	38738	10.333	ug/l	92
48) Methyl methacrylate	9.44	41	12137	8.494	ug/l	98
49) 1,4-Dioxane	9.48	88	3067	167.840	ug/l #	82
51) 4-Methyl-2-Pentanone	10.21	43	67147	43.830	ug/l	100
52) Toluene	10.39	92	79384	10.703	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	33960	9.468	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	42637	9.872	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	21101	10.429	ug/l	91
56) Ethyl methacrylate	10.65	69	22230	8.938	ug/l	98
57) 1,3-Dichloropropane	10.94	76	35912	10.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	49996	41.618	ug/l	98
59) 2-Hexanone	10.97	43	44544	43.457	ug/l	95
60) Dibromochloromethane	11.13	129	24709	10.485	ug/l	98
61) 1,2-Dibromoethane	11.24	107	20659	10.568	ug/l	99
64) Tetrachloroethene	10.87	164	26912	10.646	ug/l	95
65) Chlorobenzene	11.66	112	84236	10.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	28759	10.438	ug/l	98
67) Ethyl Benzene	11.73	91	146894	10.179	ug/l	100
68) m/p-Xylenes	11.84	106	115215	21.254	ug/l	99
69) o-Xylene	12.17	106	49217	9.964	ug/l	98
70) Styrene	12.18	104	87233	10.254	ug/l	100
71) Bromoform	12.35	173	12589	10.036	ug/l #	98
73) Isopropylbenzene	12.47	105	141782	10.339	ug/l	98
74) N-amyl acetate	12.27	43	24036	8.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	24275	10.579	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29777	17.413	ug/l	36
77) Bromobenzene	12.75	156	31972	10.424	ug/l	98
78) n-propylbenzene	12.80	91	173325	10.451	ug/l	100
79) 2-Chlorotoluene	12.90	91	98767	10.429	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	122998	10.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	6566	9.669	ug/l	96
82) 4-Chlorotoluene	12.99	91	104548	10.554	ug/l	100
83) tert-Butylbenzene	13.21	119	99728	10.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	122579	10.483	ug/l	99
85) sec-Butylbenzene	13.38	105	147423	10.513	ug/l	100
86) p-Isopropyltoluene	13.50	119	134428	10.497	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	65019	10.555	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	65191	10.832	ug/l	98
89) n-Butylbenzene	13.83	91	122066	10.042	ug/l	99
90) Hexachloroethane	14.10	117	25114	10.859	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	57518	10.840	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3497	9.573	ug/l	98

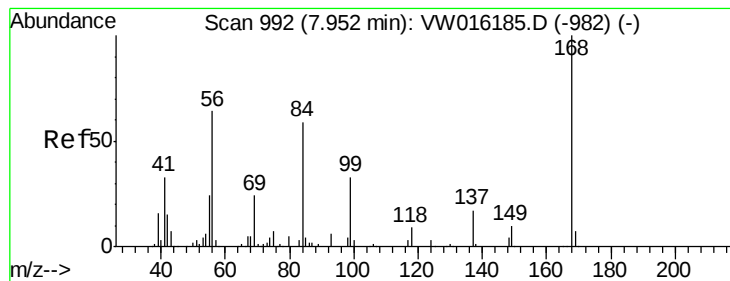
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31363	9.398	ug/l	99
94) Hexachlorobutadiene	15.24	225	20349	9.775	ug/l	96
95) Naphthalene	15.37	128	50010	8.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	27112	9.436	ug/l	99

(#) = 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: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

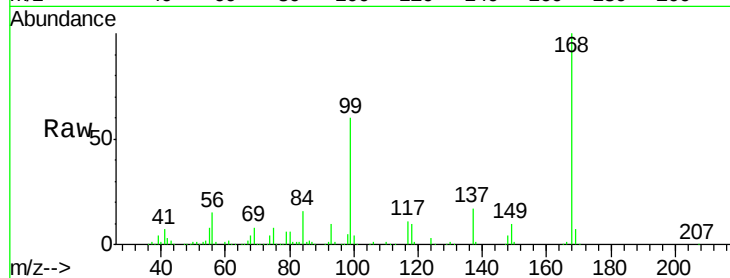
VSTDIC010

Tgt Ion:168 Resp: 264897

Ion Ratio Lower Upper

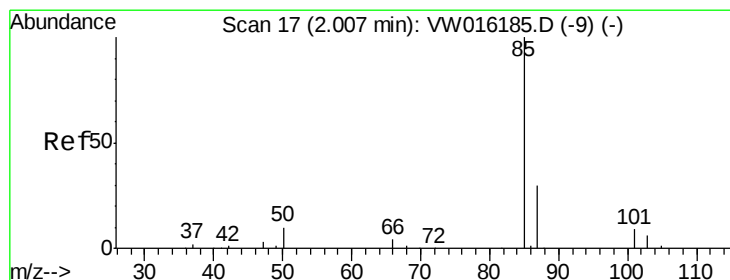
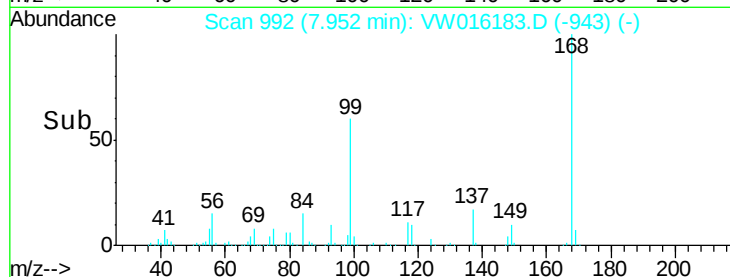
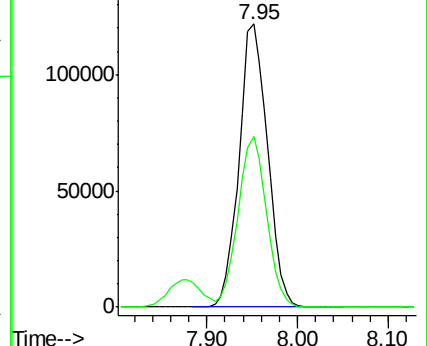
168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 13.468 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016183.D

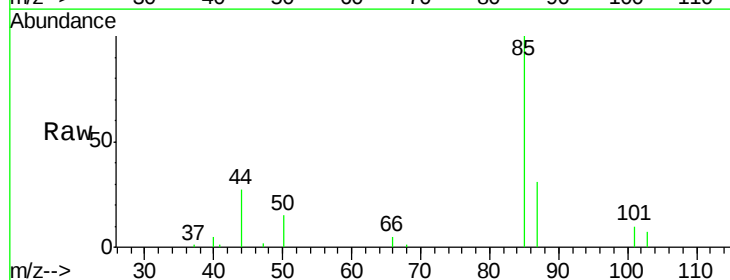
Acq: 14 Aug 2020 10:14

Tgt Ion: 85 Resp: 19235

Ion Ratio Lower Upper

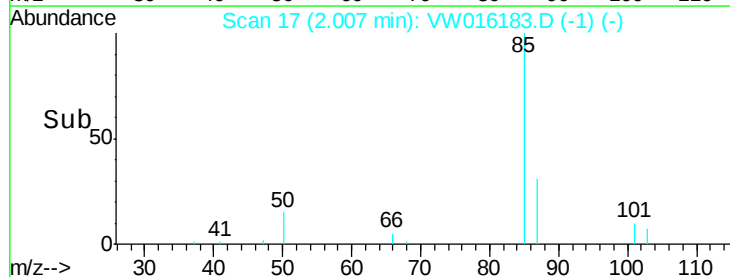
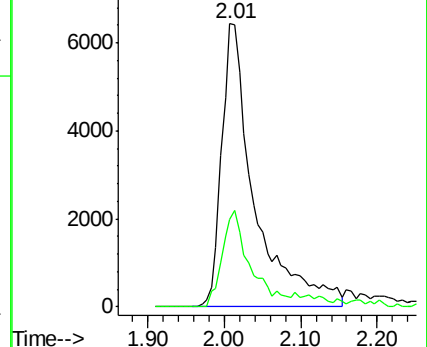
85 100

87 31.1 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.239 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

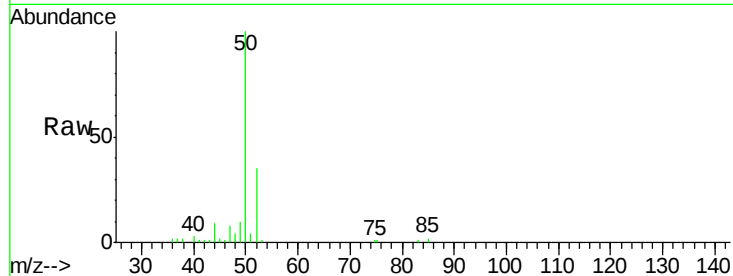
VSTDIC010

Tgt Ion: 50 Resp: 19362

Ion Ratio Lower Upper

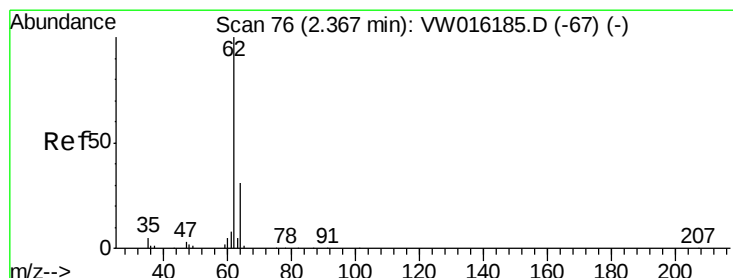
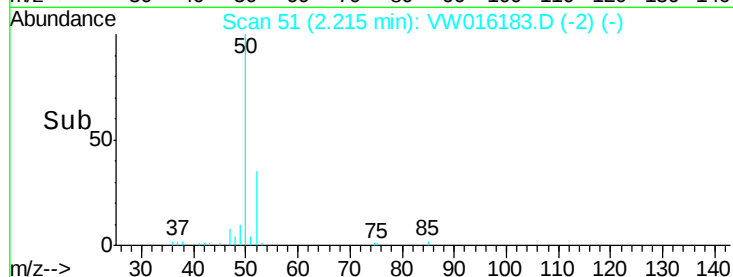
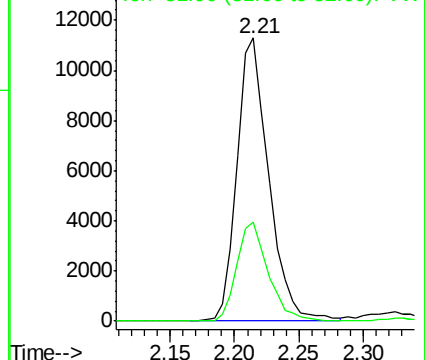
50 100

52 34.8 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 9.994 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016183.D

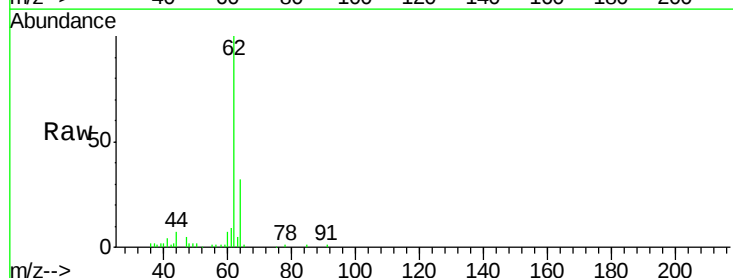
Acq: 14 Aug 2020 10:14

Tgt Ion: 62 Resp: 28674

Ion Ratio Lower Upper

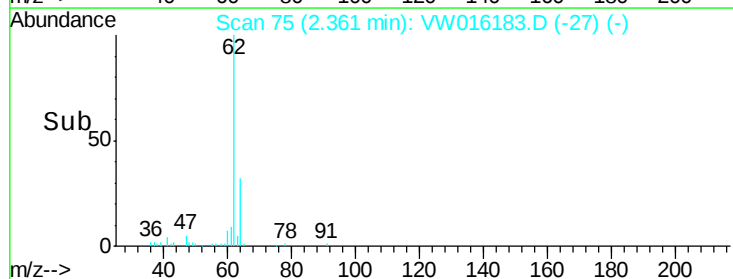
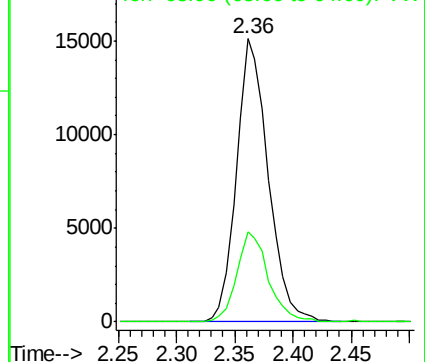
62 100

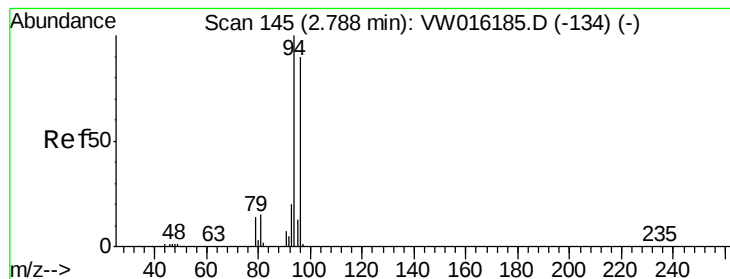
64 31.9 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 8.305 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

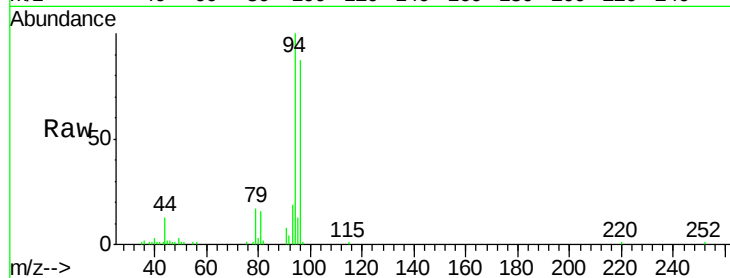
VSTDIC010

Tgt Ion: 94 Resp: 17865

Ion Ratio Lower Upper

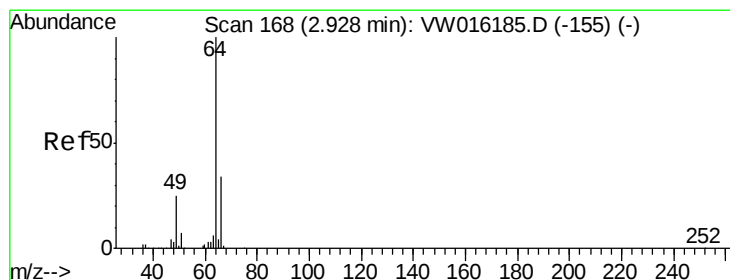
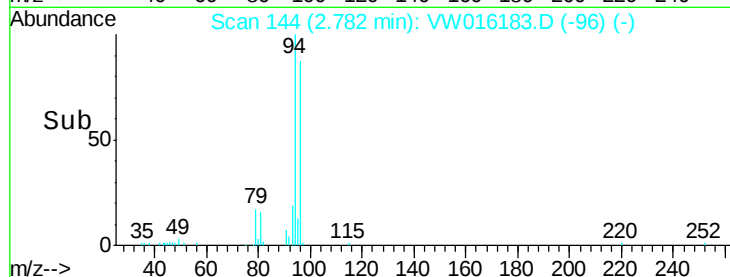
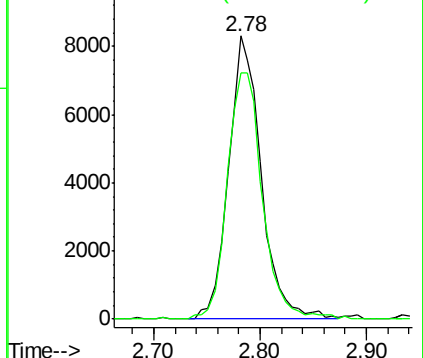
94 100

96 87.1 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 8.325 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016183.D

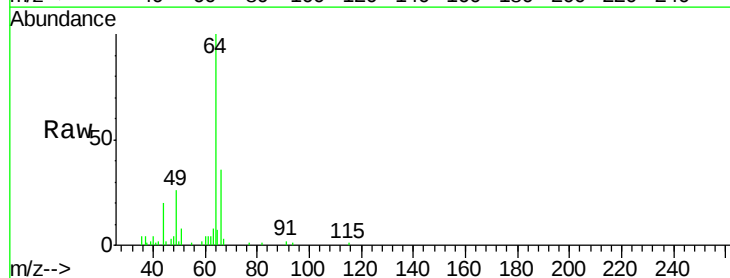
Acq: 14 Aug 2020 10:14

Tgt Ion: 64 Resp: 15764

Ion Ratio Lower Upper

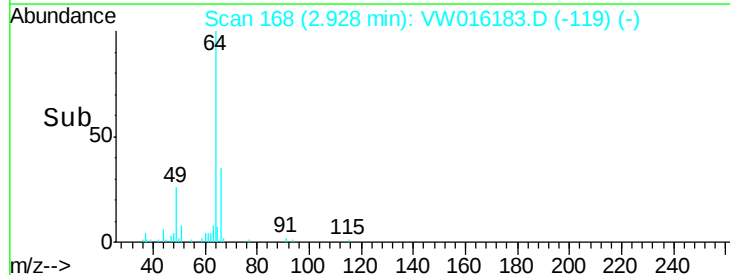
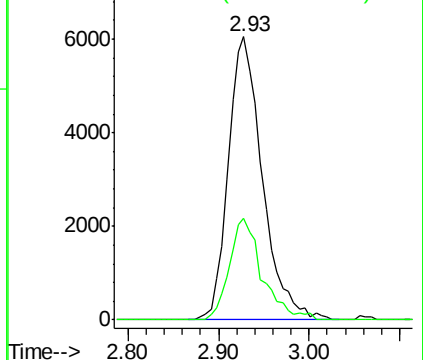
64 100

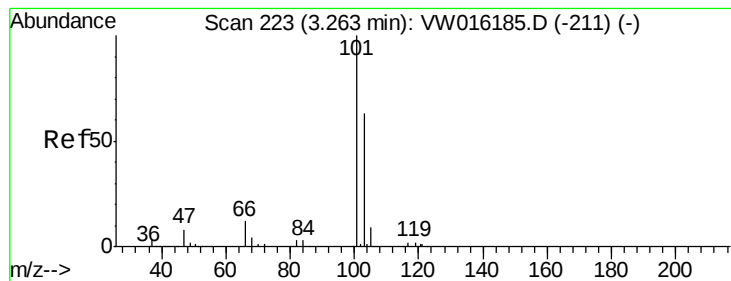
66 35.9 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



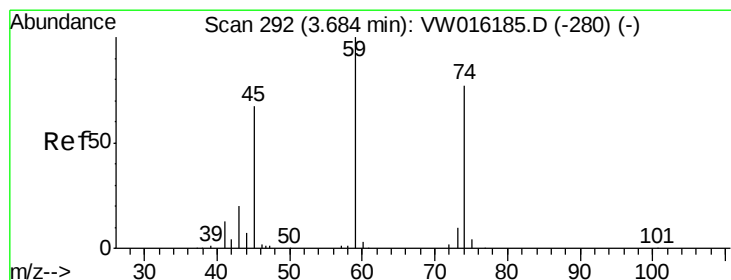
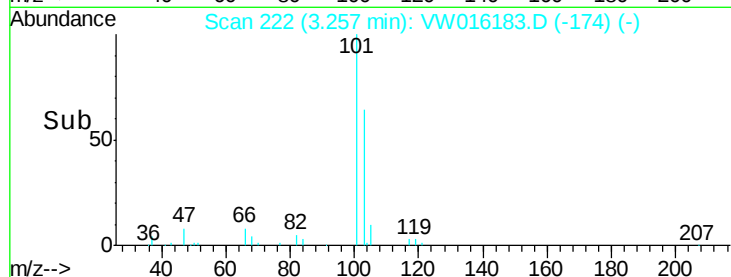
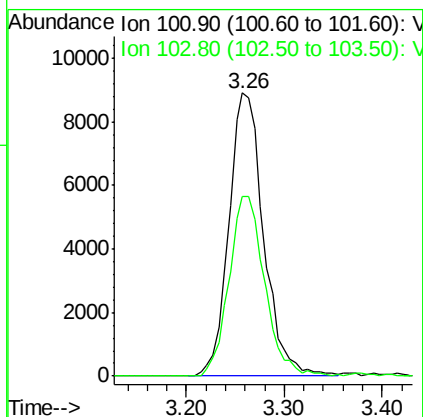
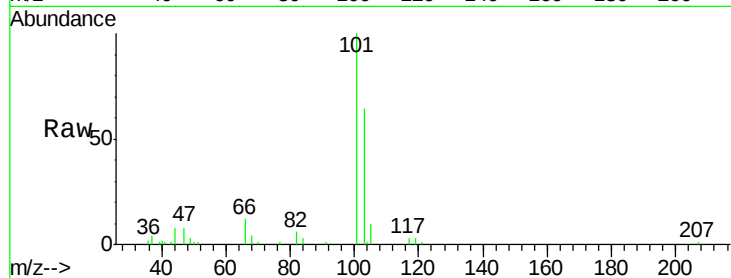


#7

Trichlorofluoromethane
 Concen: 10.571 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
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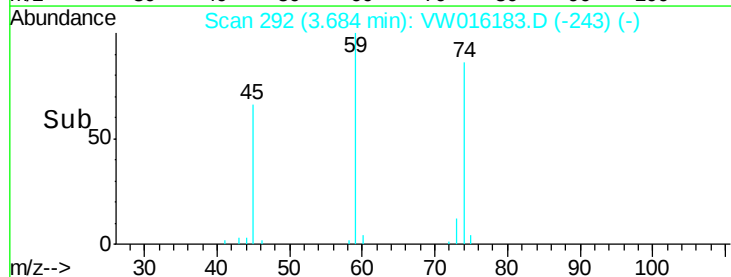
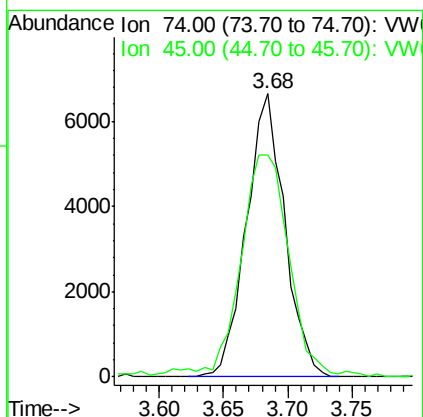
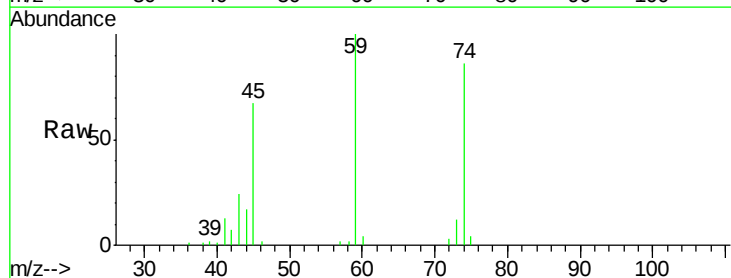
Tgt Ion: 101 Resp: 21989
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.4 75.6

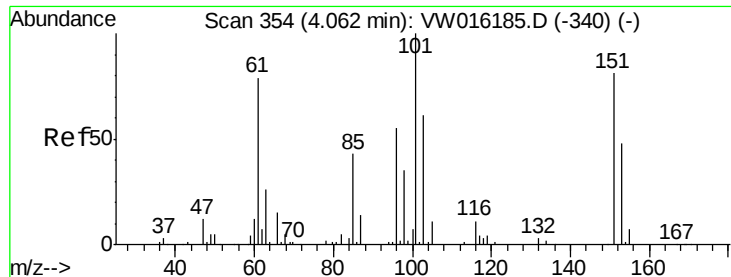


#8

Diethyl Ether
 Concen: 10.343 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 74 Resp: 13630
 Ion Ratio Lower Upper
 74 100
 45 94.7 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.163 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

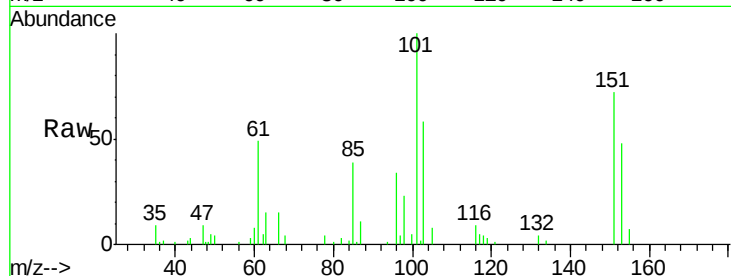
Tgt Ion:101 Resp: 30353

Ion Ratio Lower Upper

101 100

85 41.4 33.3 49.9

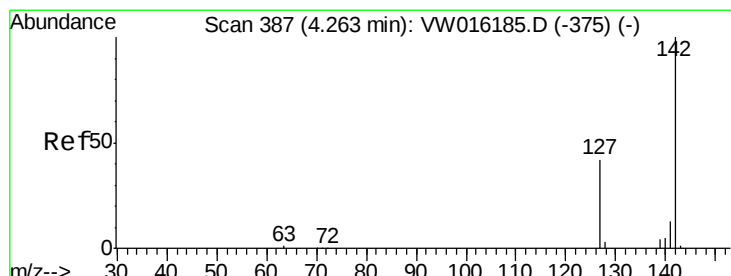
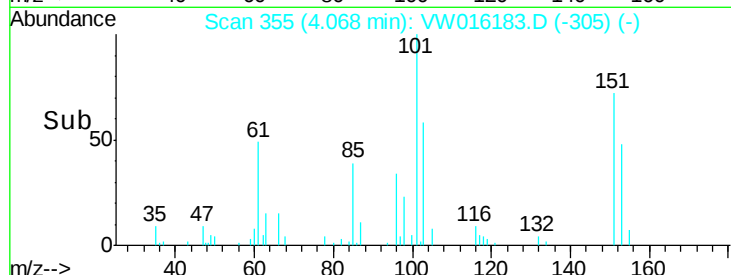
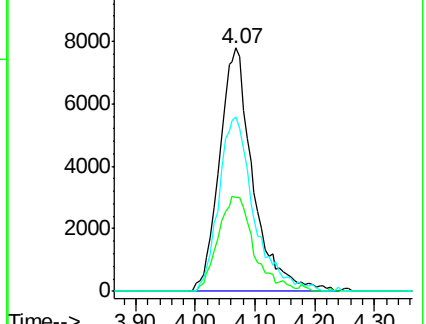
151 74.7 61.1 91.7



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: 11.805 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

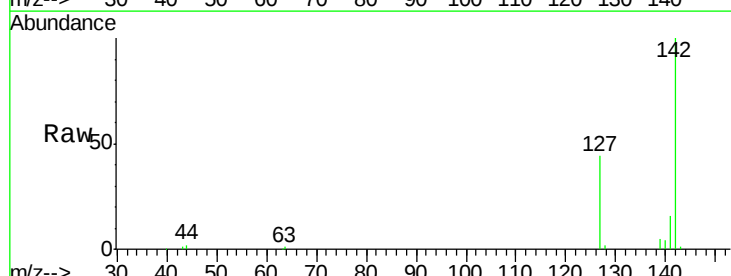
Tgt Ion:142 Resp: 41395

Ion Ratio Lower Upper

142 100

127 45.7 34.6 52.0

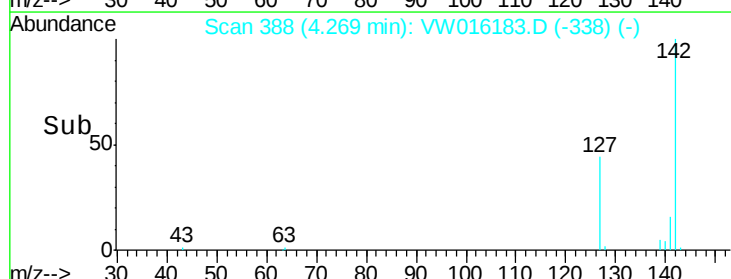
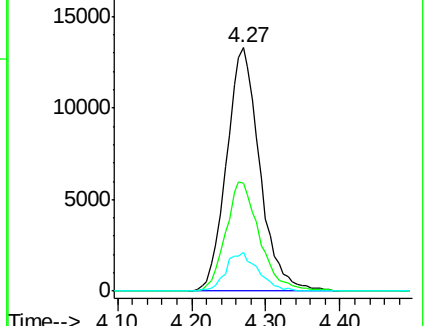
141 15.5 11.4 17.2

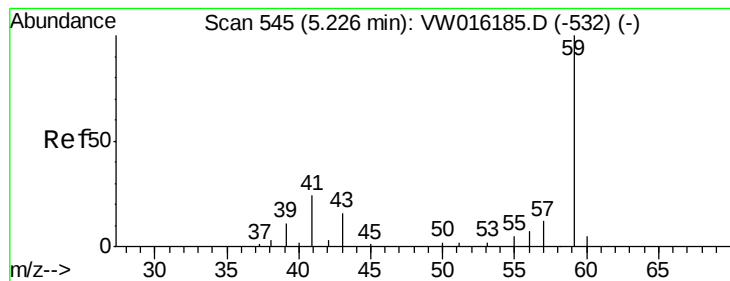


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



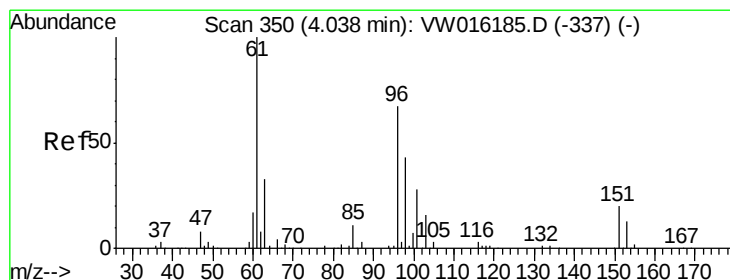
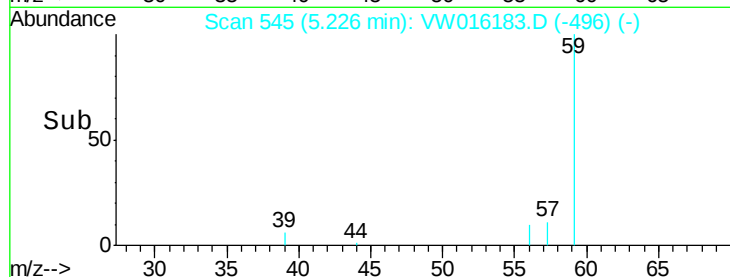
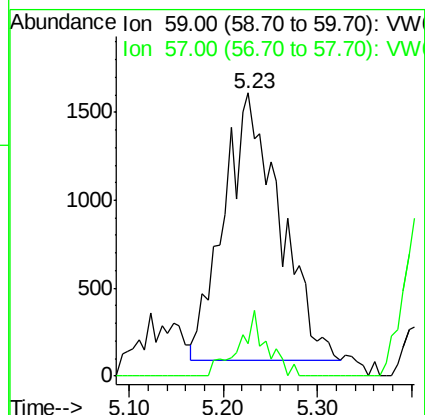
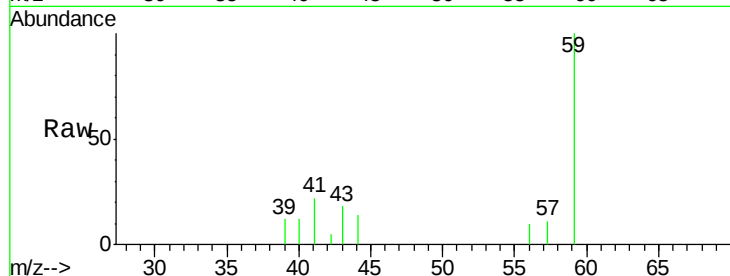


#11

Tert butyl alcohol
 Concen: 41.694 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

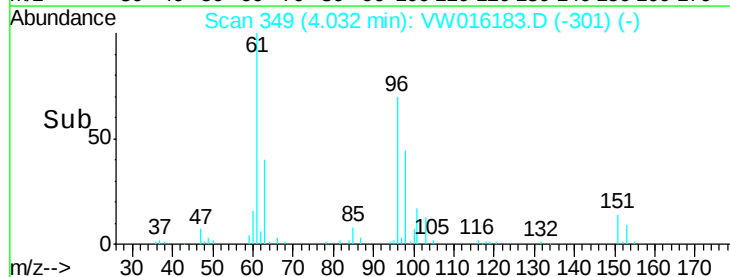
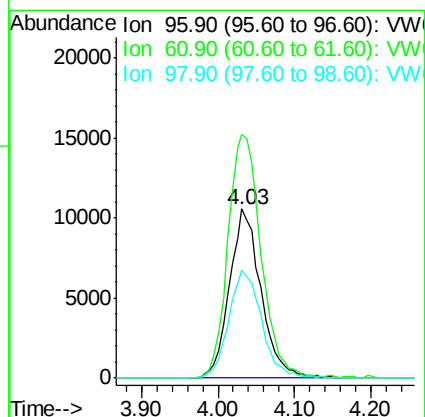
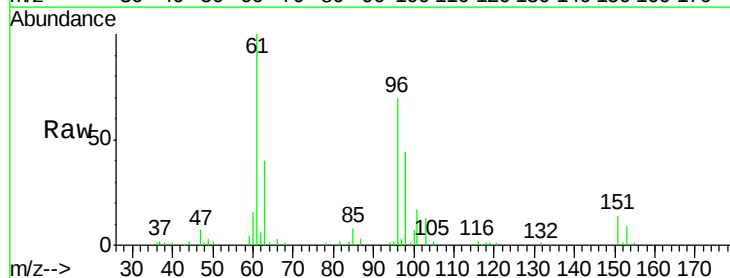
Tgt Ion: 59 Resp: 6254
 Ion Ratio Lower Upper
 59 100
 57 12.3 9.0 13.6

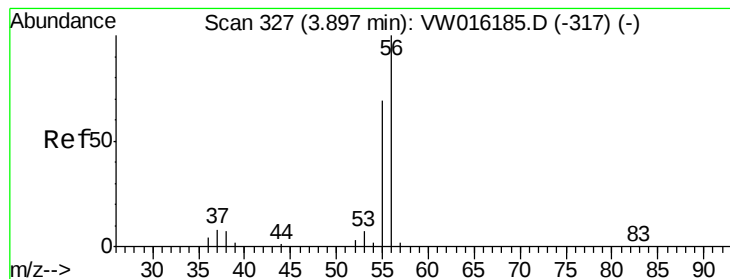


#12

1,1-Dichloroethene
 Concen: 12.160 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 96 Resp: 30061
 Ion Ratio Lower Upper
 96 100
 61 143.9 119.5 179.3
 98 63.6 51.3 76.9





#13

Acrolein

Concen: 53.620 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

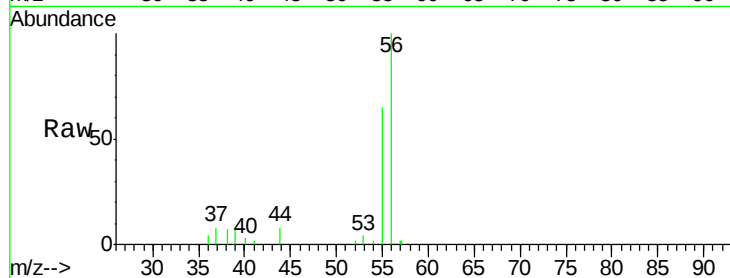
VSTDIC010

Tgt Ion: 56 Resp: 10179

Ion Ratio Lower Upper

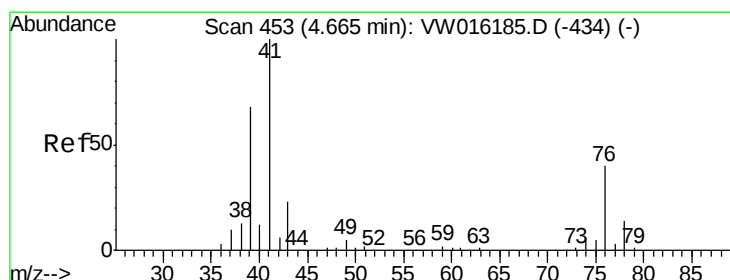
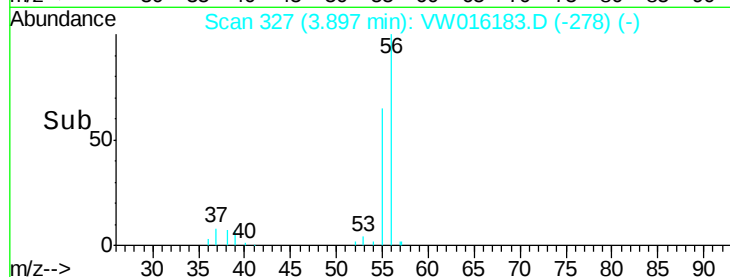
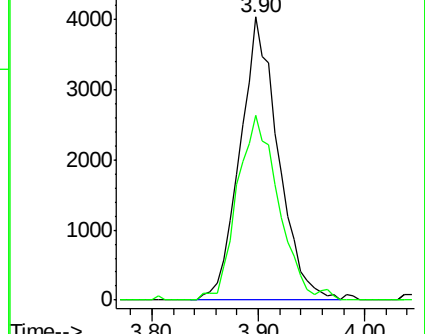
56 100

55 70.1 55.0 82.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 9.796 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

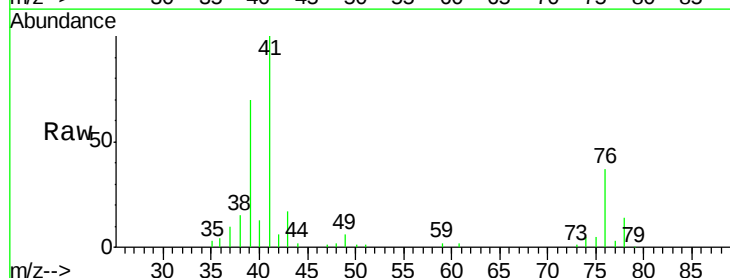
Tgt Ion: 41 Resp: 38059

Ion Ratio Lower Upper

41 100

39 70.0 53.4 80.0

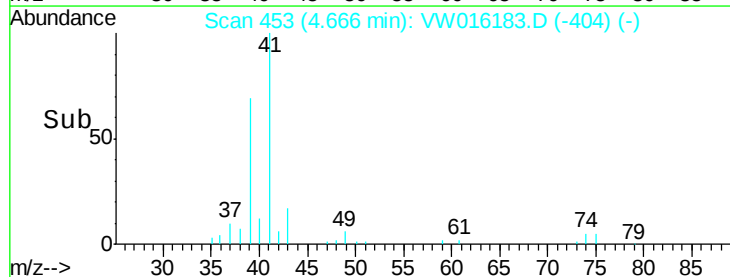
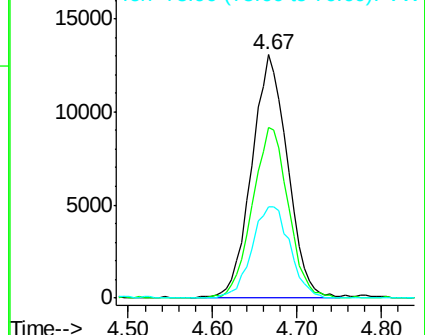
76 39.7 32.0 48.0

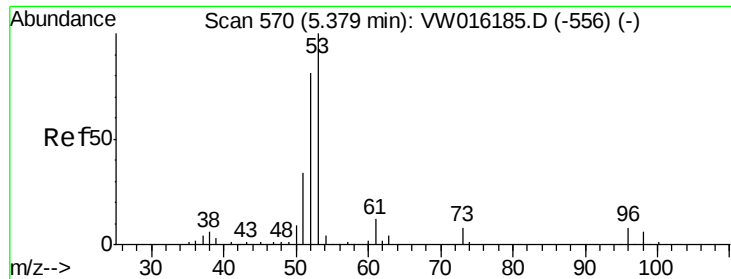


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 46.815 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

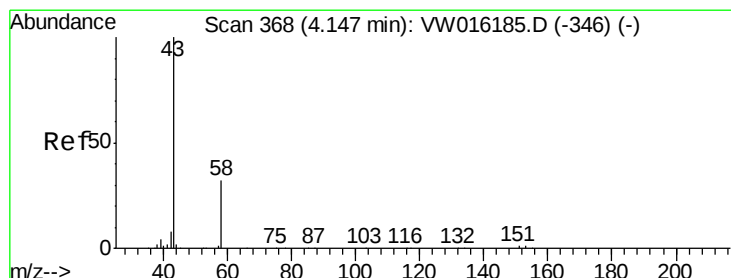
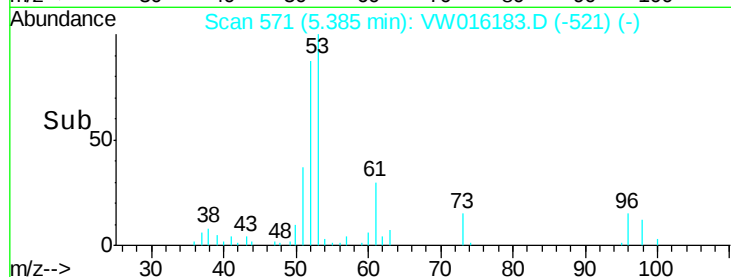
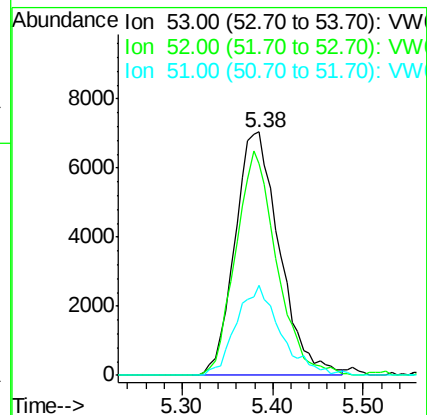
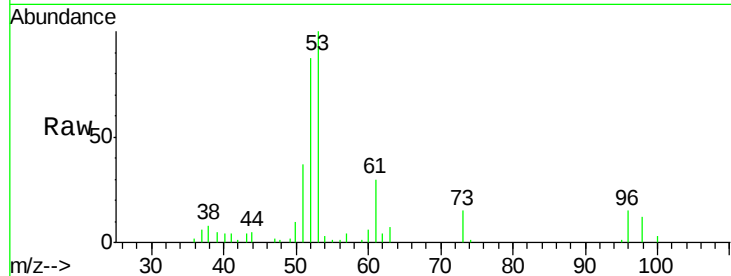
Tgt Ion: 53 Resp: 23985

Ion Ratio Lower Upper

53 100

52 85.1 65.3 97.9

51 36.4 29.0 43.4



#16

Acetone

Concen: 45.354 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW016183.D

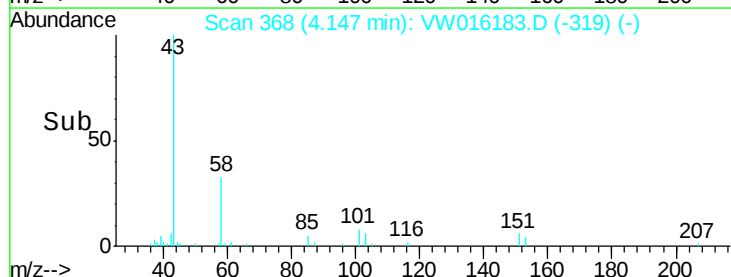
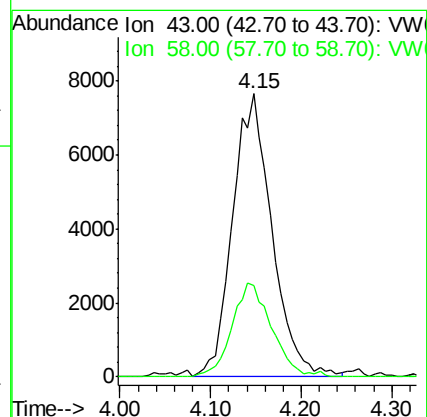
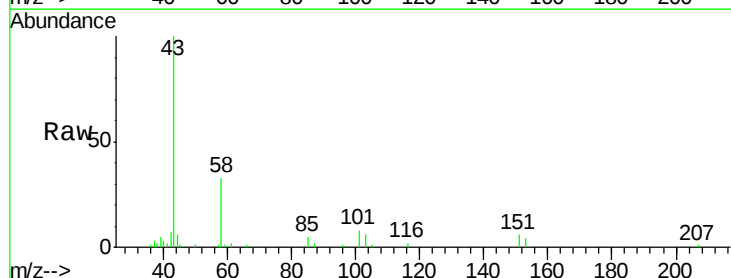
Acq: 14 Aug 2020 10:14

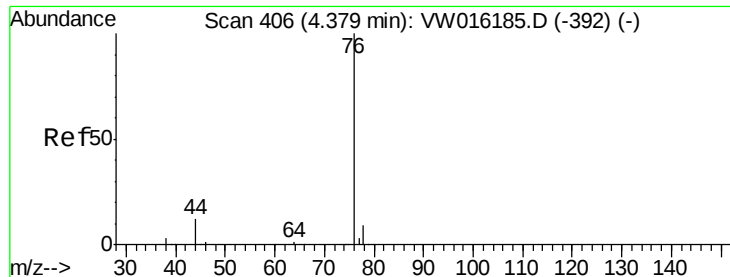
Tgt Ion: 43 Resp: 23061

Ion Ratio Lower Upper

43 100

58 32.5 25.8 38.6

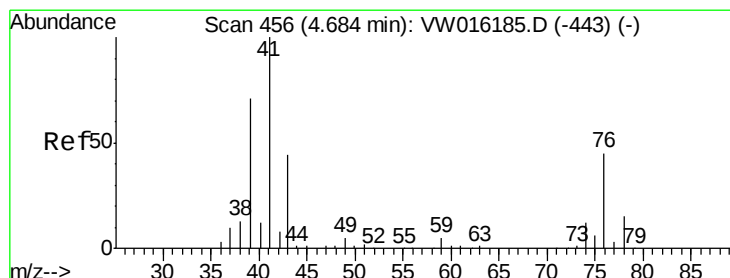
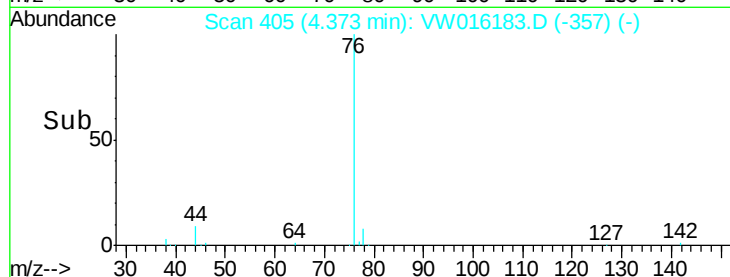
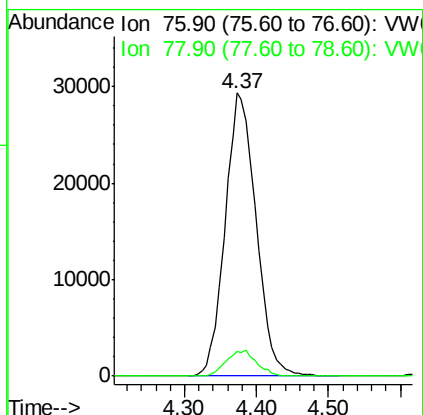
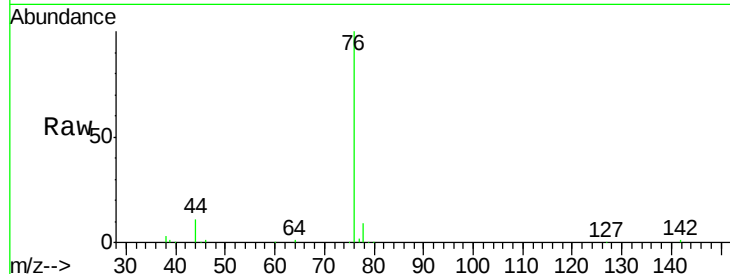




#17
Carbon Disulfide
Concen: 11.939 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

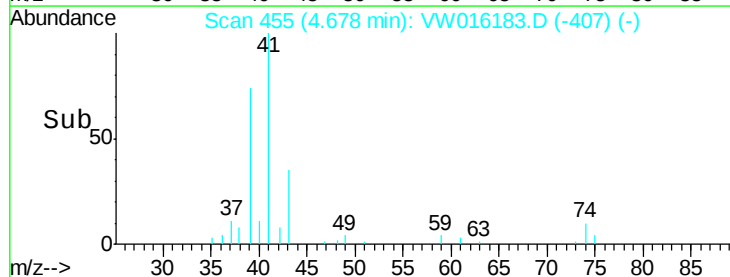
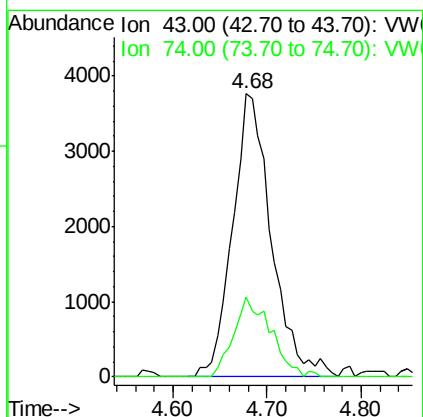
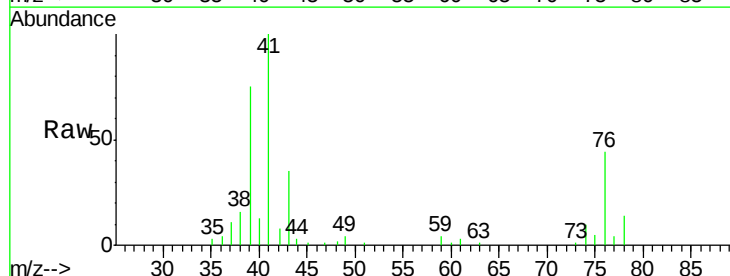
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

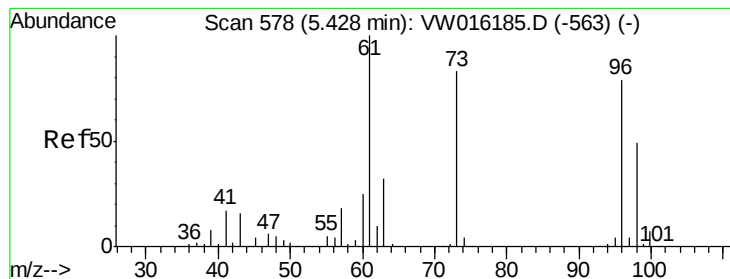
Tgt Ion: 76 Resp: 87495
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 9.323 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 43 Resp: 10807
Ion Ratio Lower Upper
43 100
74 27.0 20.6 31.0



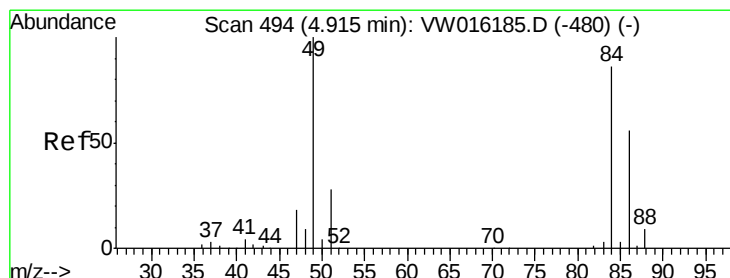
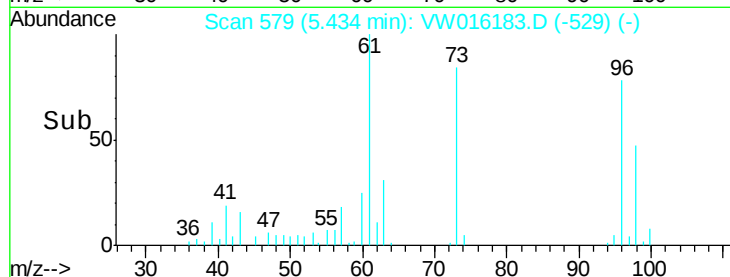
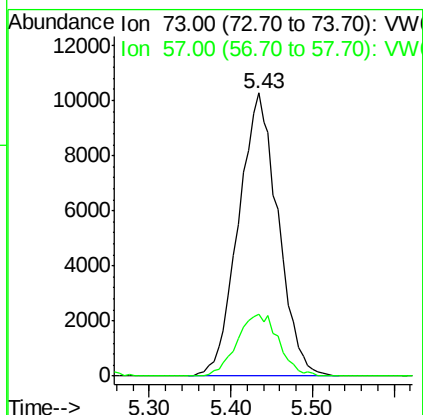
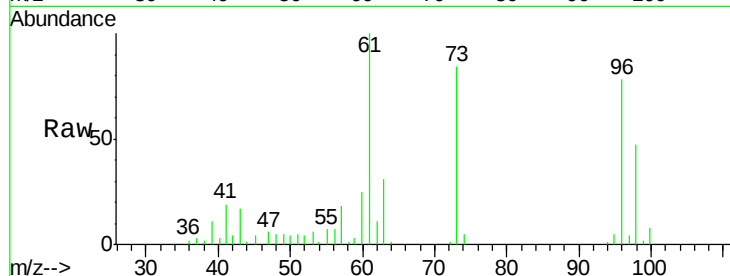


#19

Methyl tert-butyl Ether
 Concen: 9.579 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

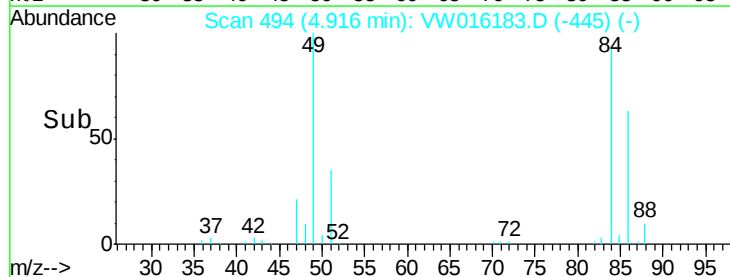
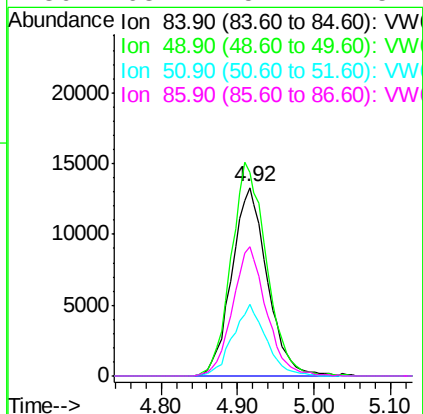
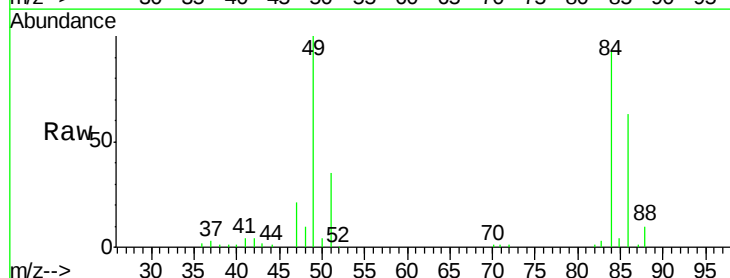
Tgt Ion: 73 Resp: 34518
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.2 25.8

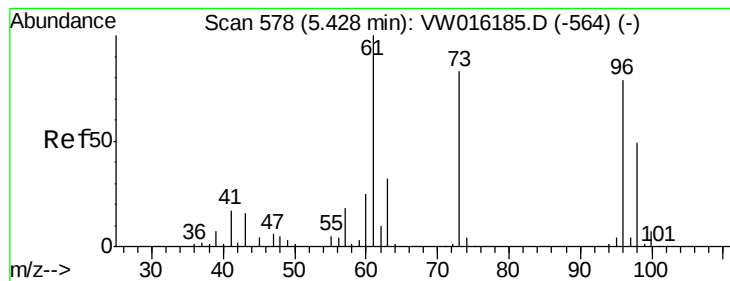


#20

Methylene Chloride
 Concen: 14.208 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 84 Resp: 42837
 Ion Ratio Lower Upper
 84 100
 49 107.7 93.4 140.2
 51 37.9 26.6 40.0
 86 68.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 11.342 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

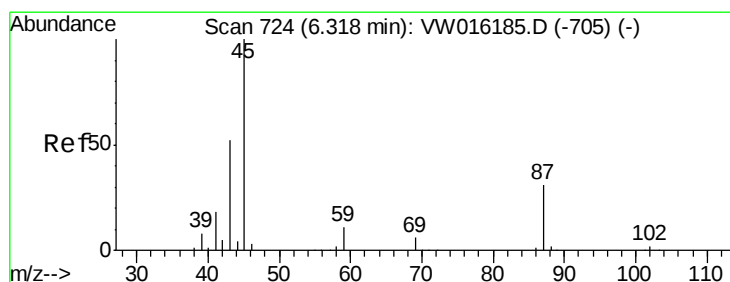
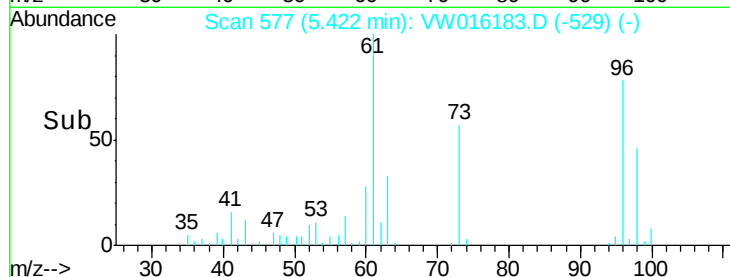
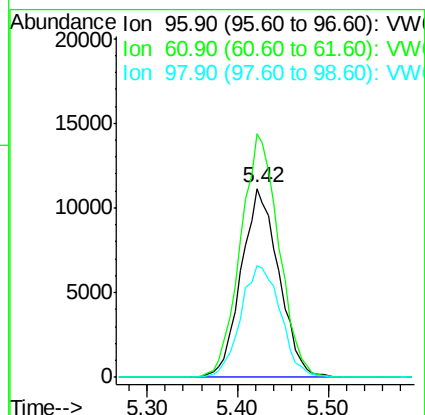
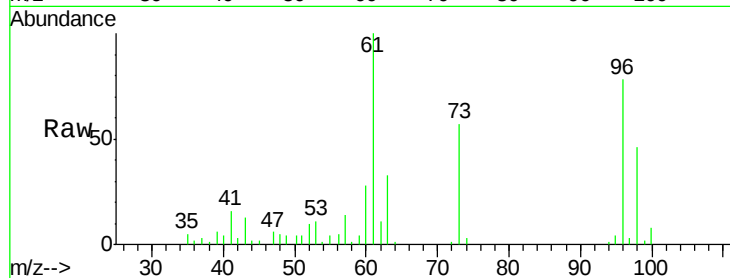
Tgt Ion: 96 Resp: 32224

Ion Ratio Lower Upper

96 100

61 128.9 101.4 152.0

98 59.3 49.4 74.0



#22

Diisopropyl ether

Concen: 9.577 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion: 45 Resp: 74461

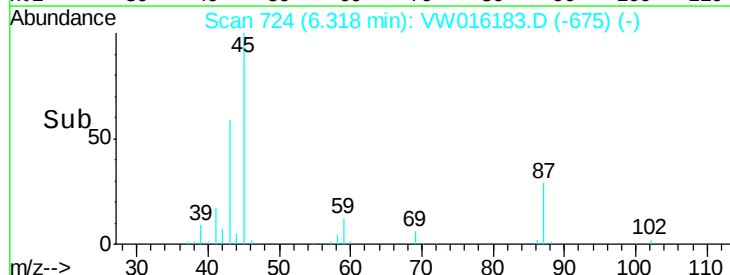
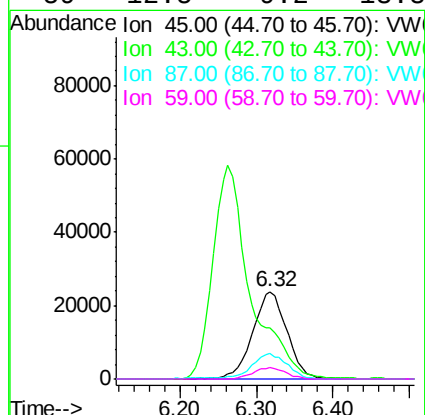
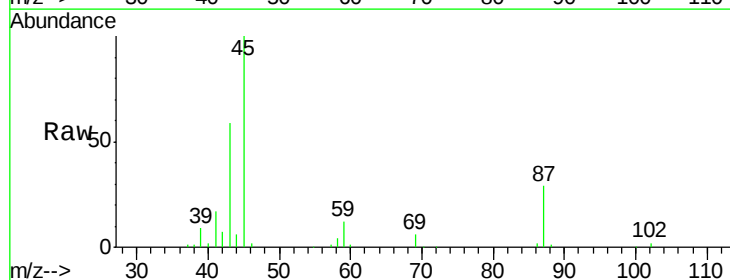
Ion Ratio Lower Upper

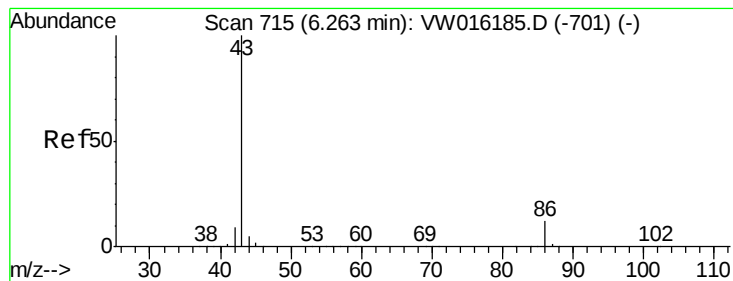
45 100

43 57.4 41.7 62.5

87 28.6 25.0 37.6

59 12.5 9.2 13.8





#23

Vinyl Acetate

Concen: 42.916 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

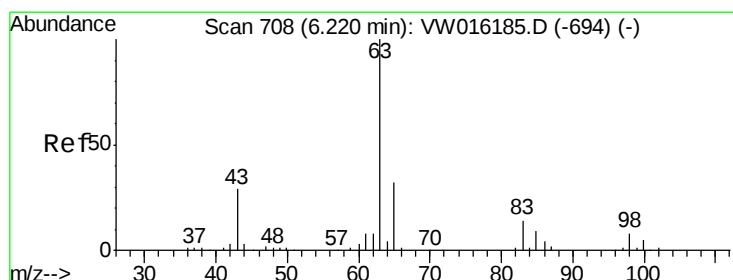
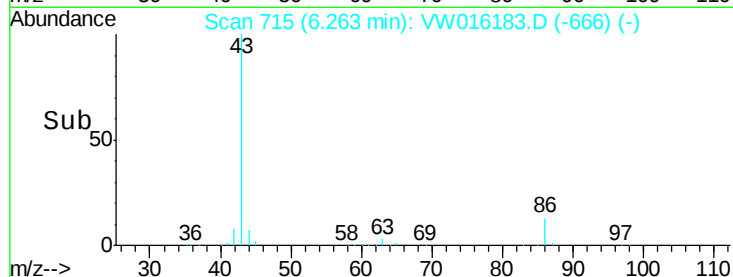
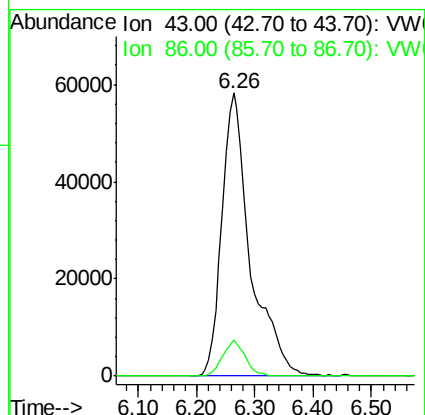
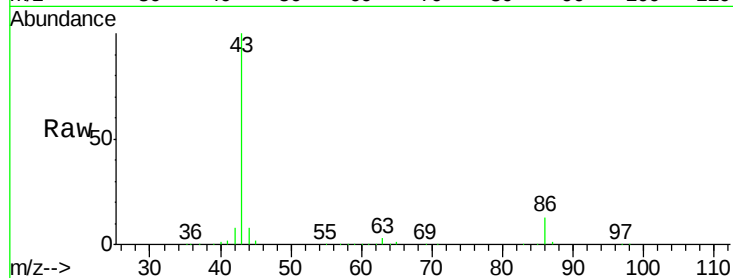
VSTDIC010

Tgt Ion: 43 Resp: 198343

Ion Ratio Lower Upper

43 100

86 12.7 9.8 14.8



#24

1,1-Dichloroethane

Concen: 10.521 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

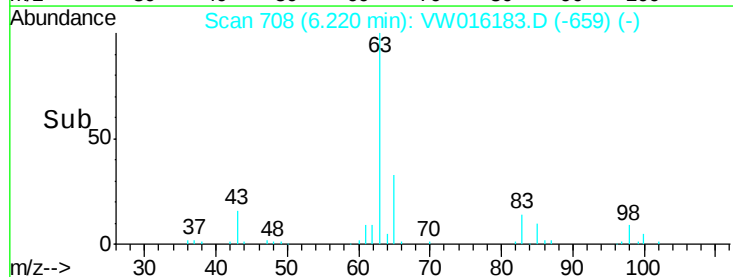
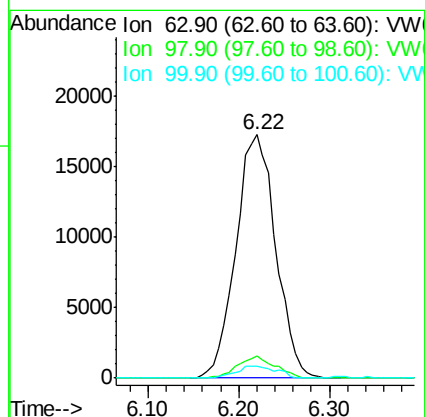
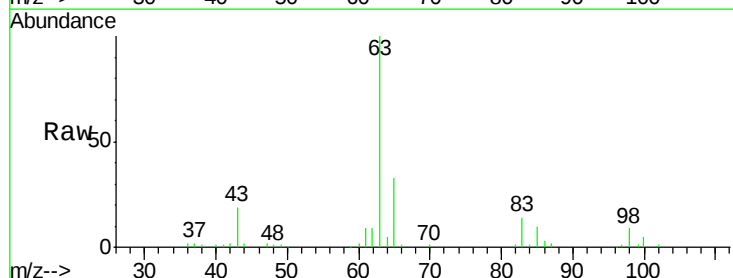
Tgt Ion: 63 Resp: 52440

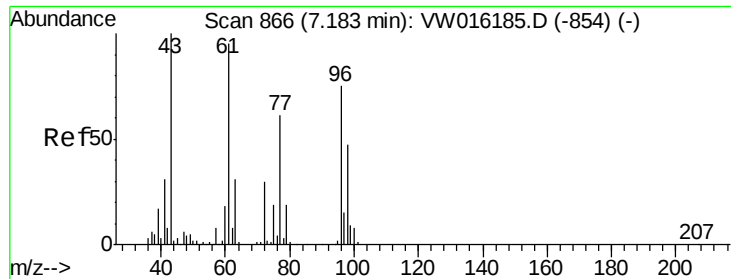
Ion Ratio Lower Upper

63 100

98 9.1 3.9 11.7

100 5.1 2.6 8.0





#25

2-Butanone

Concen: 45.449 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

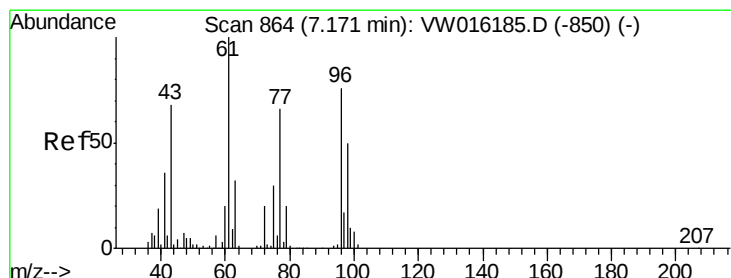
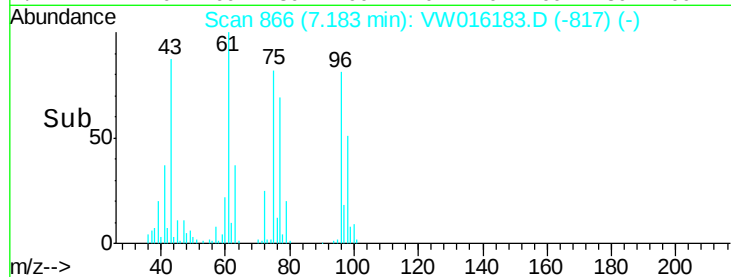
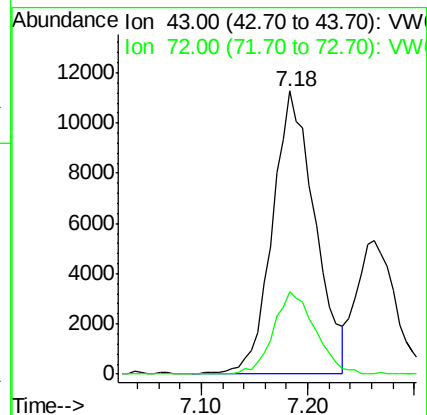
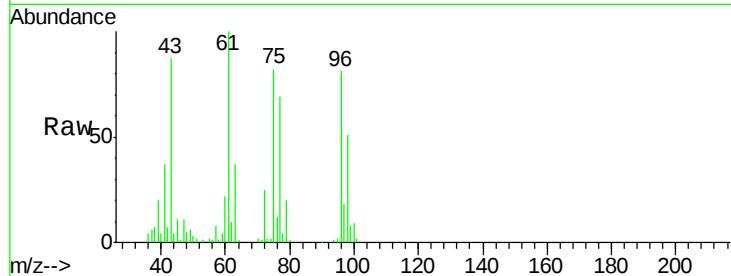
VSTDIC010

Tgt Ion: 43 Resp: 31228

Ion Ratio Lower Upper

43 100

72 29.1 24.2 36.2



#26

2,2-Dichloropropane

Concen: 11.160 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016183.D

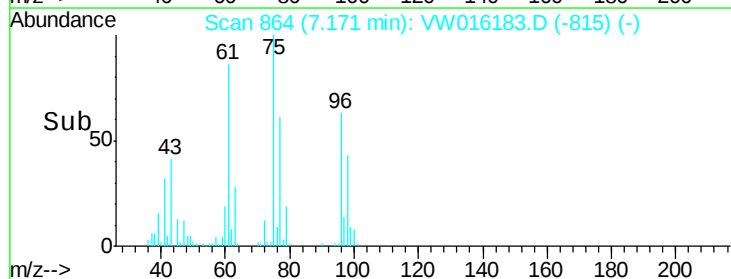
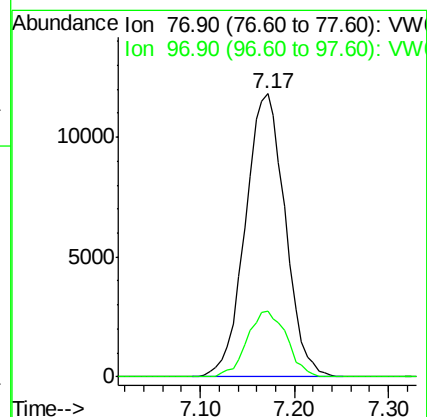
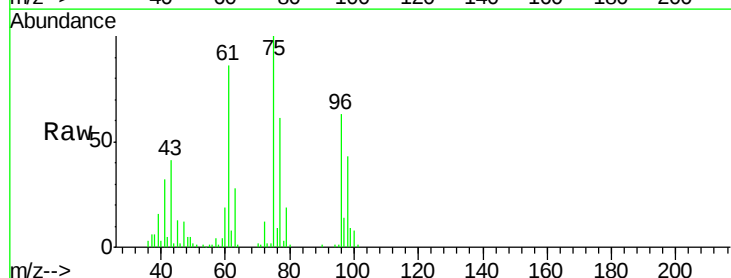
Acq: 14 Aug 2020 10:14

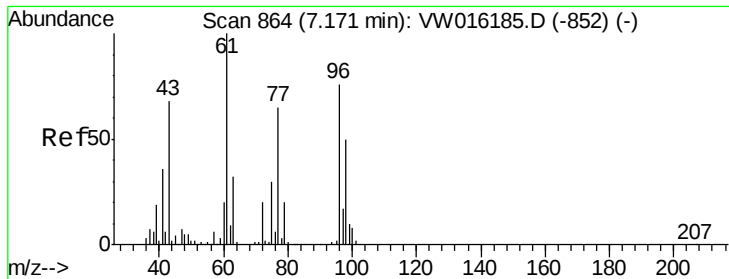
Tgt Ion: 77 Resp: 34961

Ion Ratio Lower Upper

77 100

97 23.2 12.1 36.3



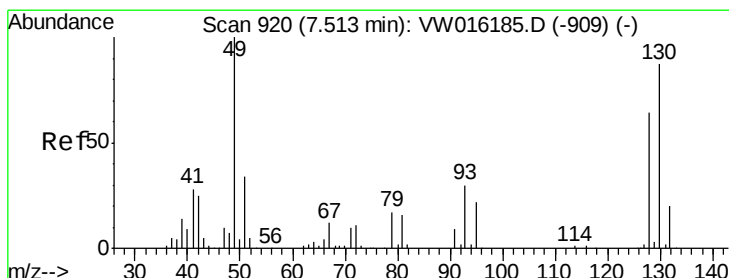
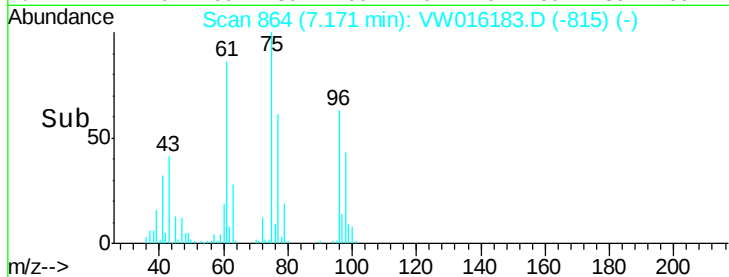
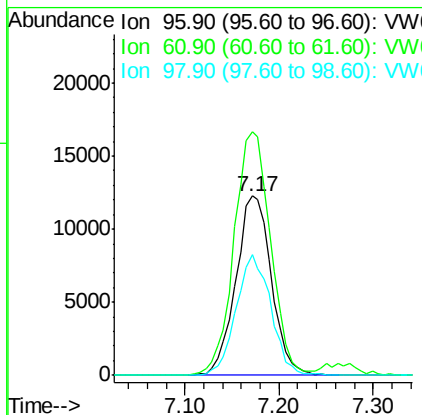
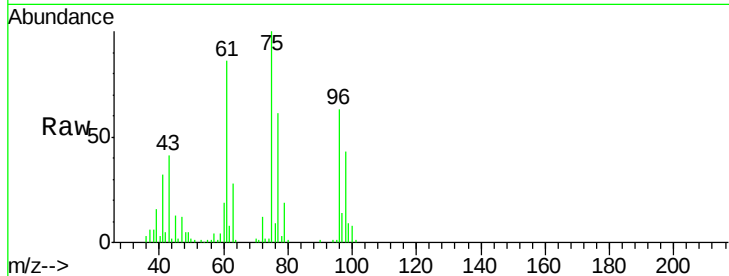


#27

cis-1,2-Dichloroethene
Concen: 10.721 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

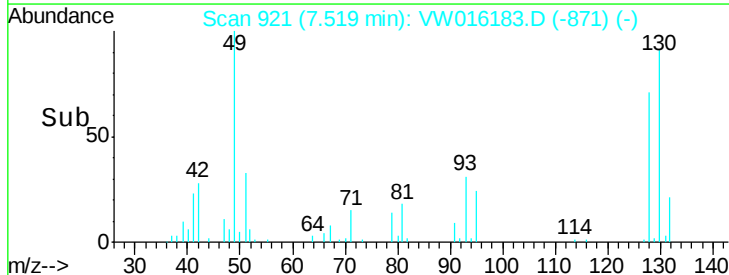
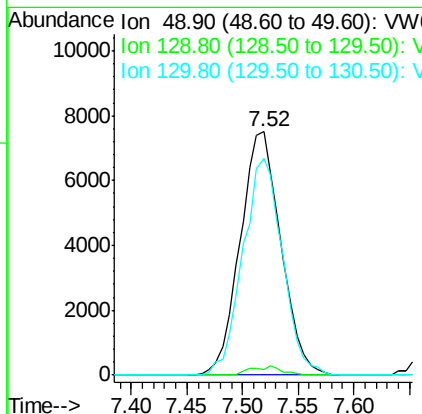
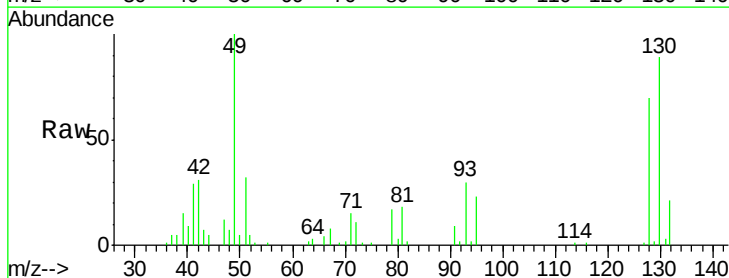
Tgt Ion: 96 Resp: 32353
Ion Ratio Lower Upper
96 100
61 139.8 0.0 267.0
98 65.7 0.0 129.6

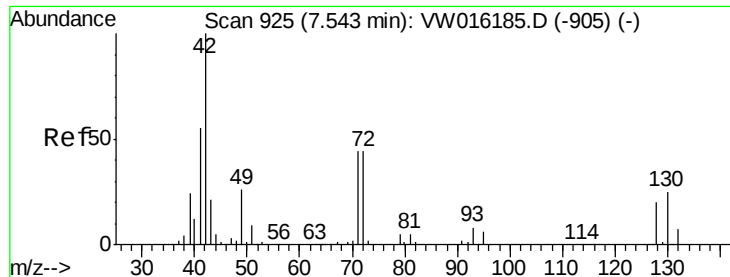


#28

Bromochloromethane
Concen: 9.518 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 49 Resp: 19100
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.2
130 86.7 69.9 104.9

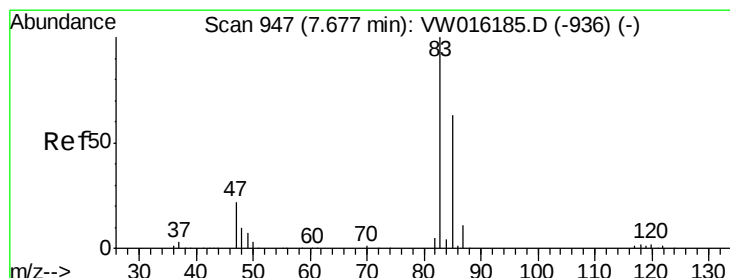
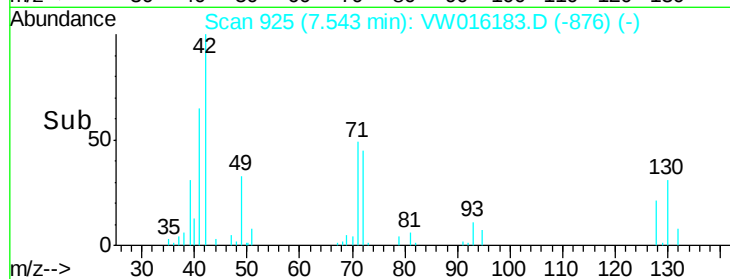
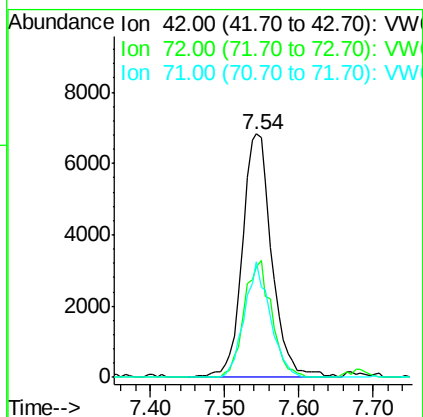
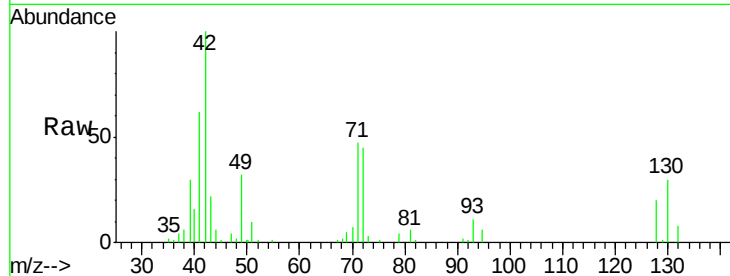




#29
Tetrahydrofuran
Concen: 45.412 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

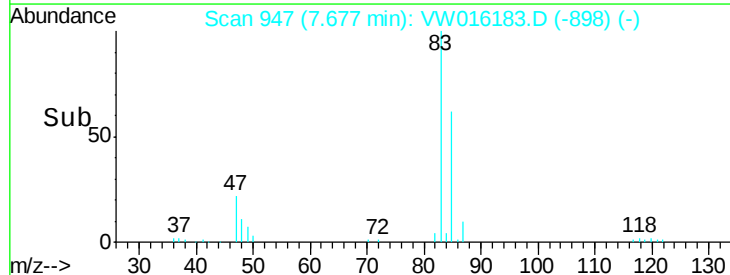
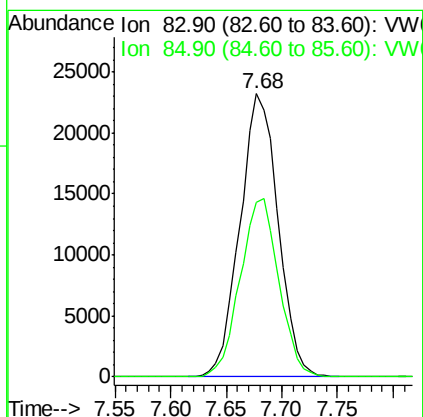
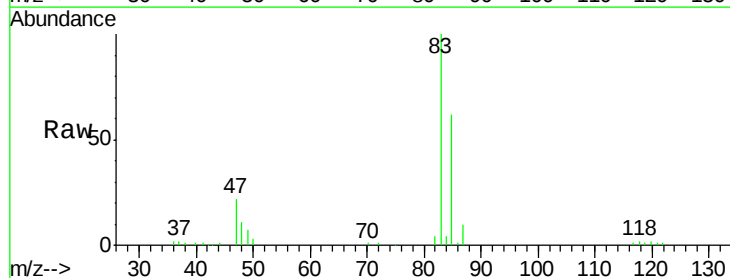
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

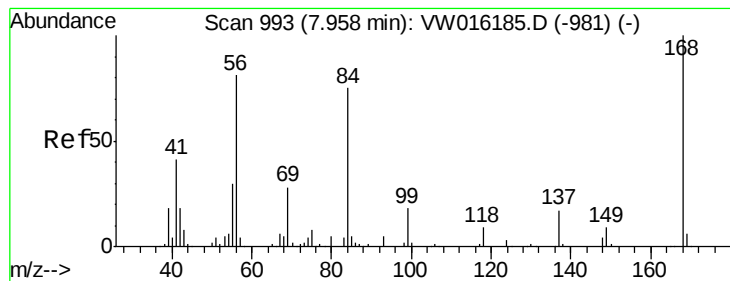
Tgt Ion: 42 Resp: 18946
Ion Ratio Lower Upper
42 100
72 44.8 37.4 56.2
71 41.4 35.6 53.4



#30
Chloroform
Concen: 10.841 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 83 Resp: 55367
Ion Ratio Lower Upper
83 100
85 61.9 50.0 75.0





#31

Cyclohexane

Concen: 10.458 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

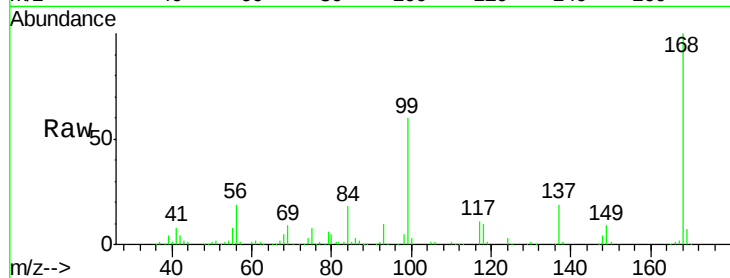
Tgt Ion: 56 Resp: 49187

Ion Ratio Lower Upper

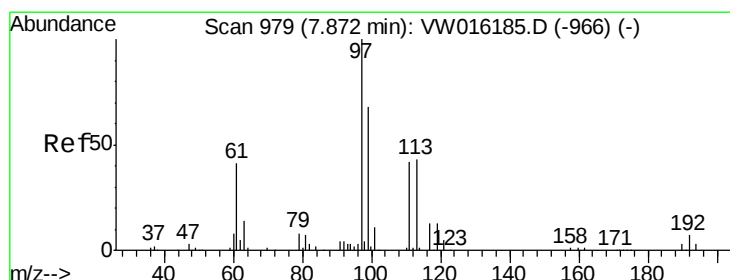
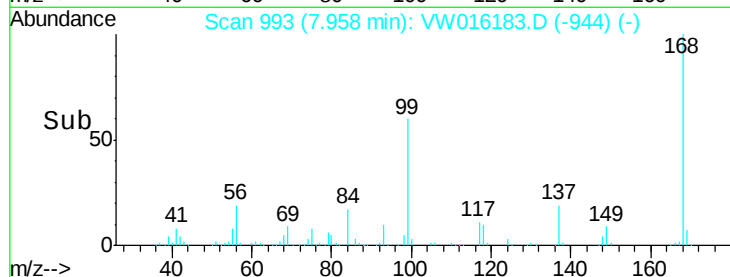
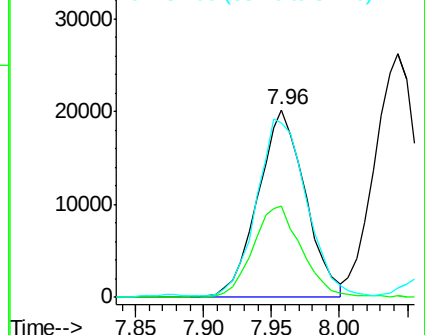
56 100

69 48.6 27.3 40.9#

84 92.7 73.5 110.3



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: 10.763 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

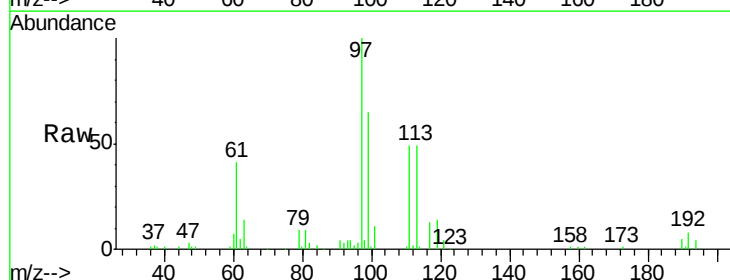
Tgt Ion: 97 Resp: 46103

Ion Ratio Lower Upper

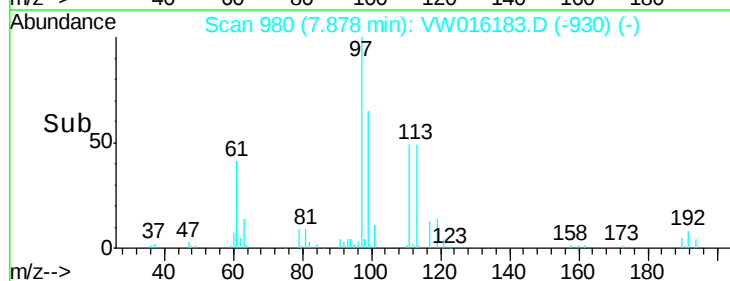
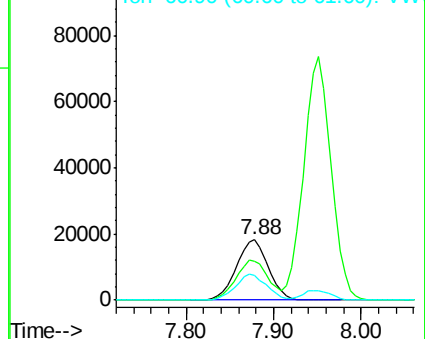
97 100

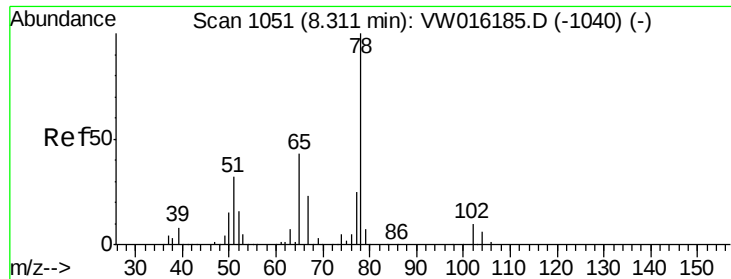
99 66.8 51.3 76.9

61 42.3 33.2 49.8



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

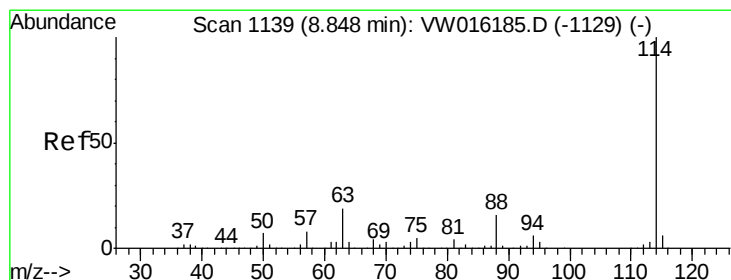
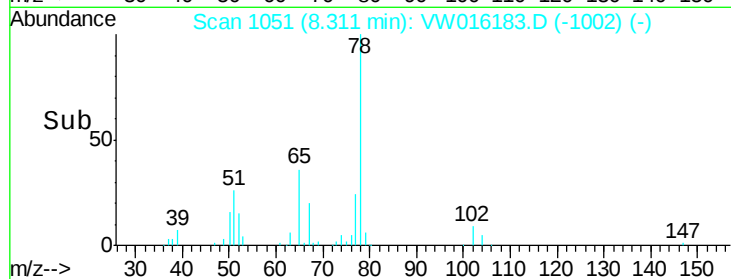
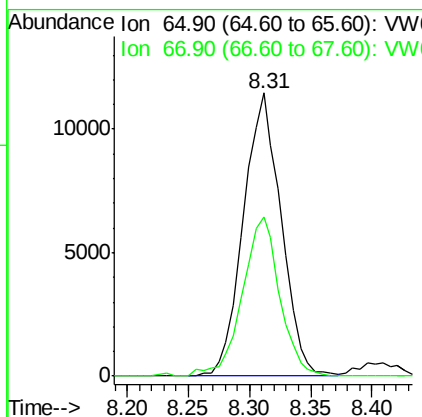
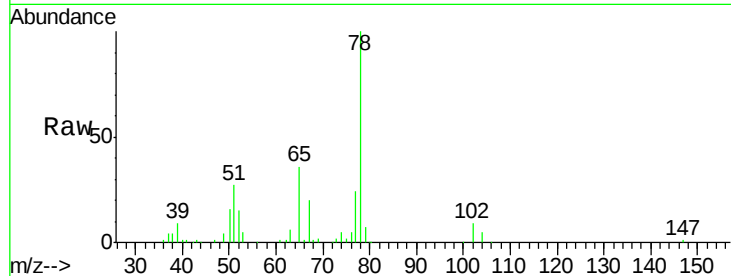




#33
 1,2-Dichloroethane-d4
 Concen: 8.958 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

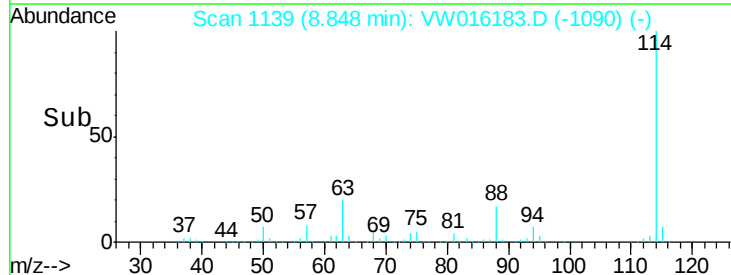
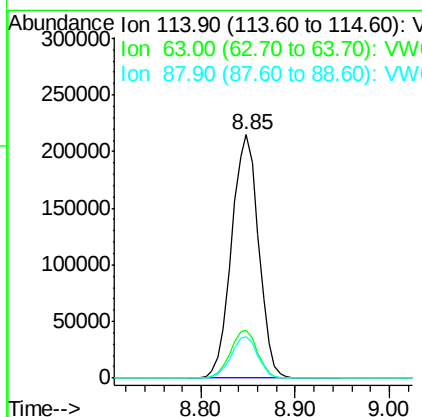
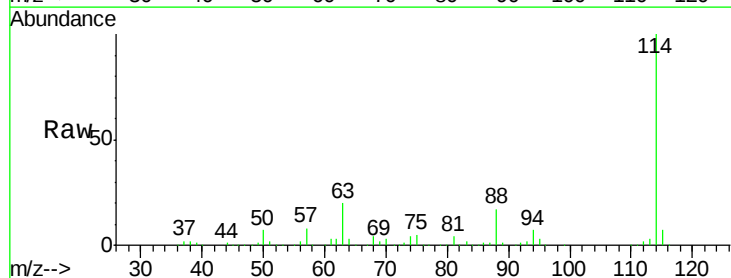
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

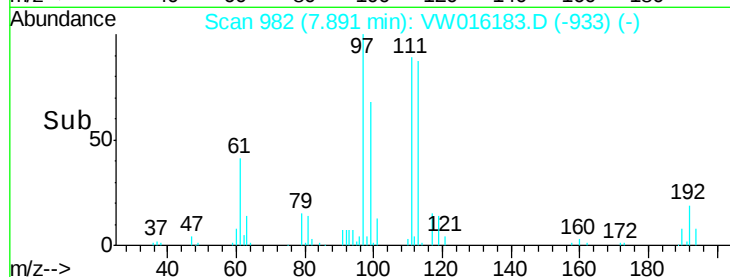
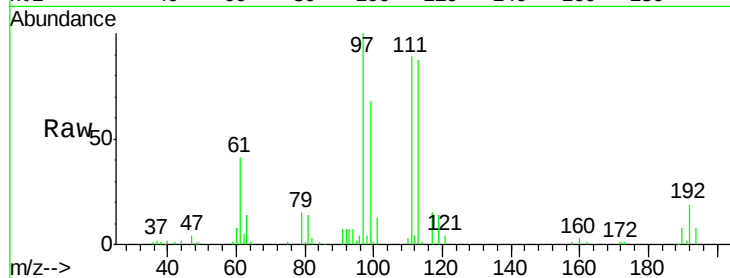
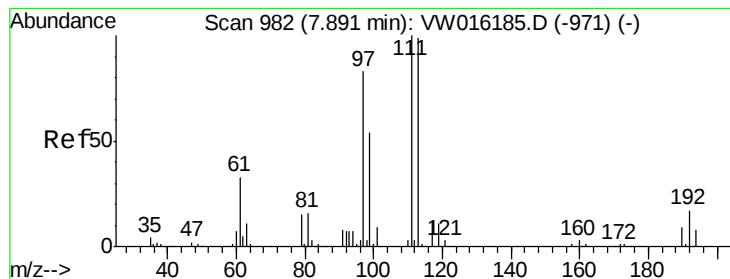
Tgt Ion: 65 Resp: 24632
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 114 Resp: 427970
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 9.810 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

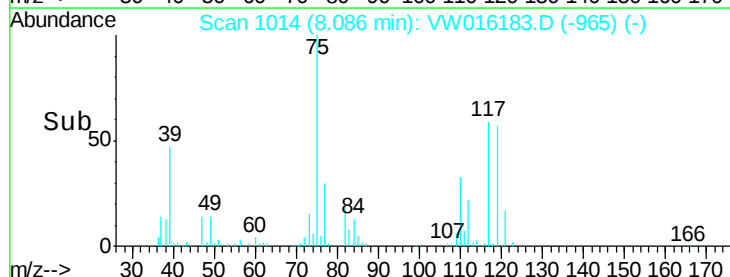
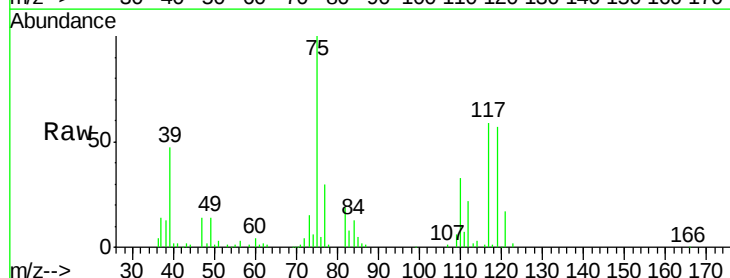
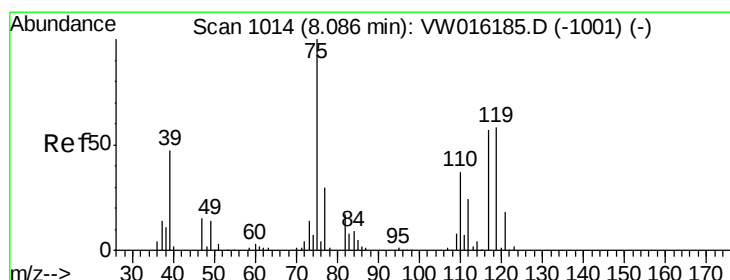
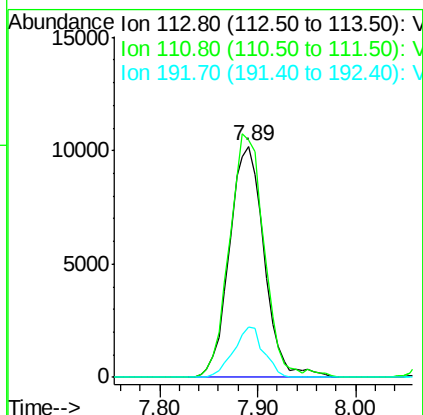
Tgt Ion:113 Resp: 25170

Ion Ratio Lower Upper

113 100

111 104.2 83.5 125.3

192 18.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 10.723 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

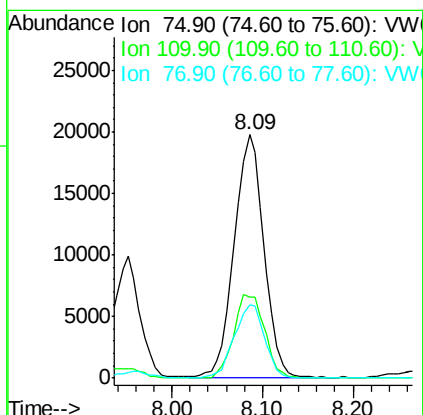
Tgt Ion: 75 Resp: 44823

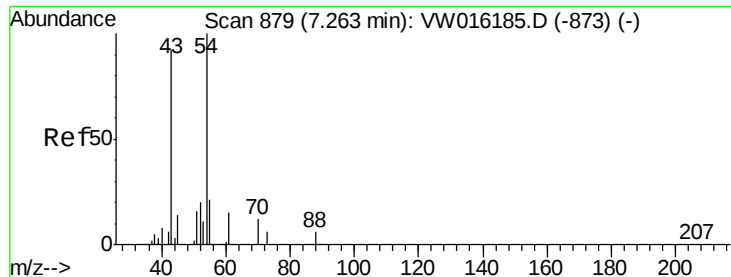
Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.3

77 31.1 24.7 37.1

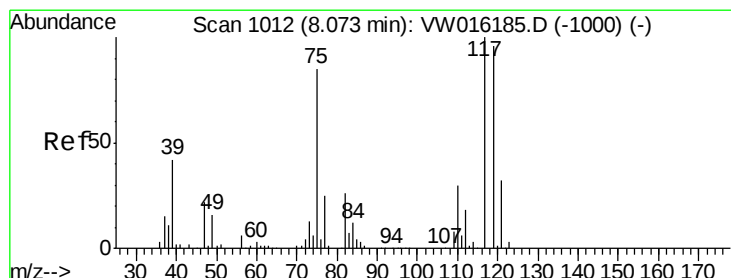
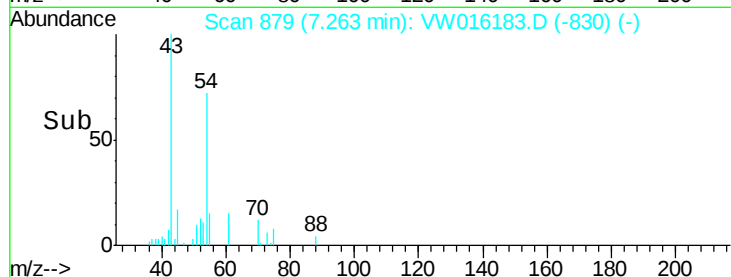
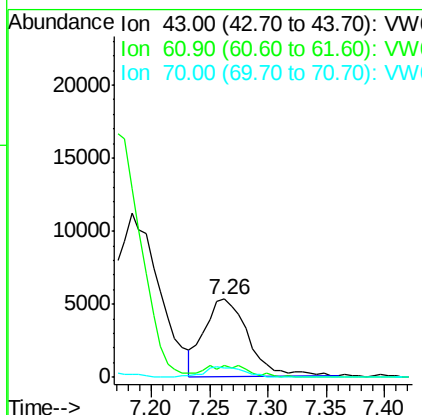
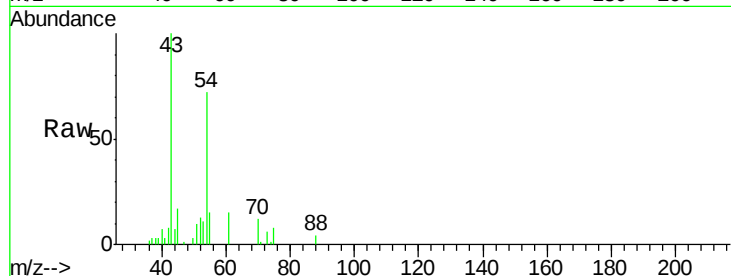




#37
Ethyl Acetate
Concen: 8.384 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

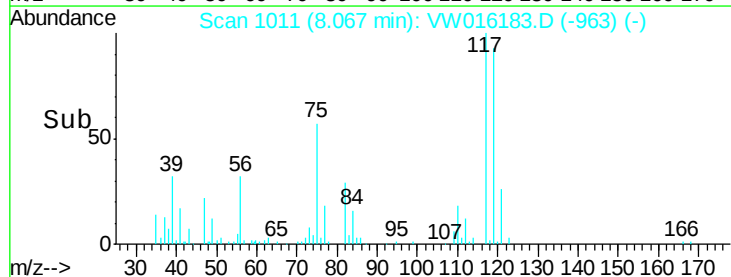
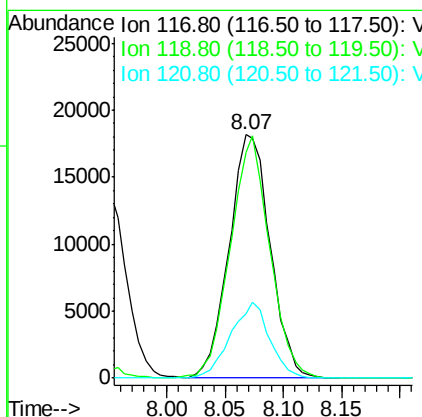
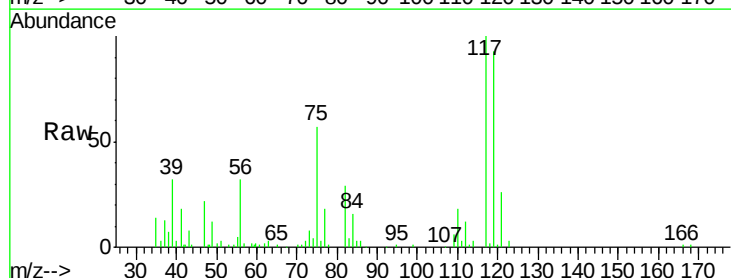
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

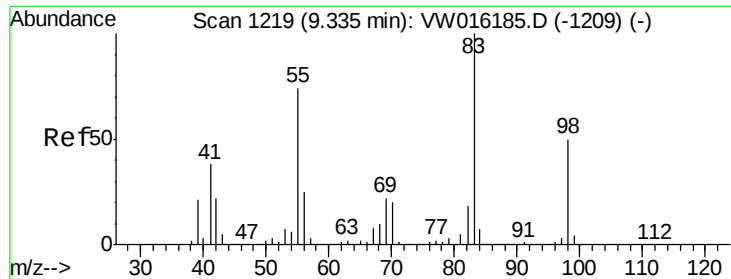
Tgt Ion: 43 Resp: 13581
Ion Ratio Lower Upper
43 100
61 15.3 12.6 18.8
70 12.5 9.8 14.8



#38
Carbon Tetrachloride
Concen: 10.944 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 117 Resp: 44477
Ion Ratio Lower Upper
117 100
119 92.6 76.6 115.0
121 26.3 25.4 38.0

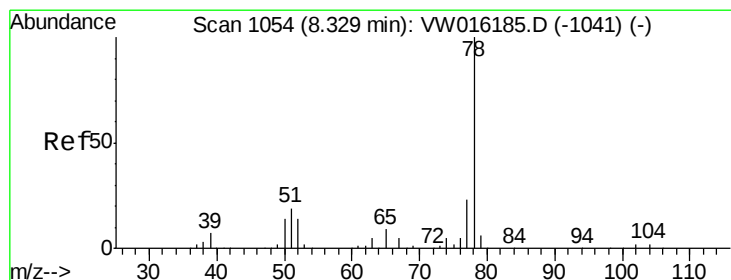
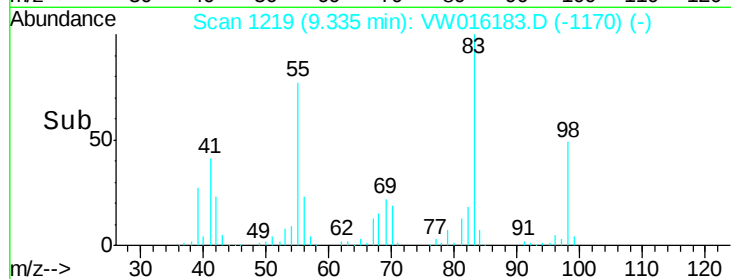
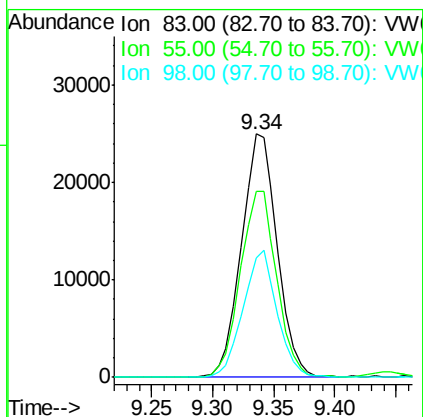
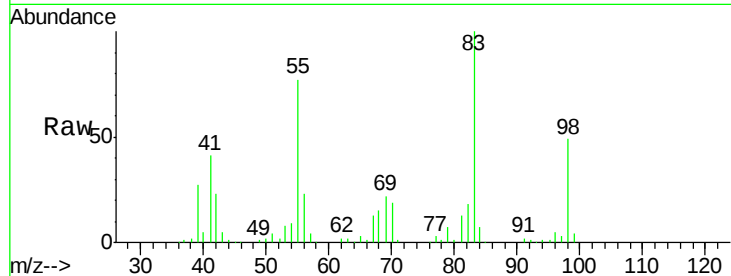




#39
Methylcyclohexane
Concen: 10.234 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

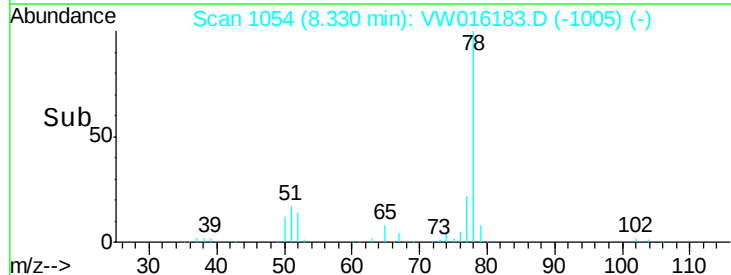
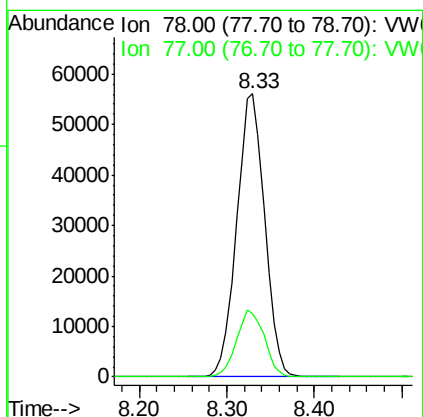
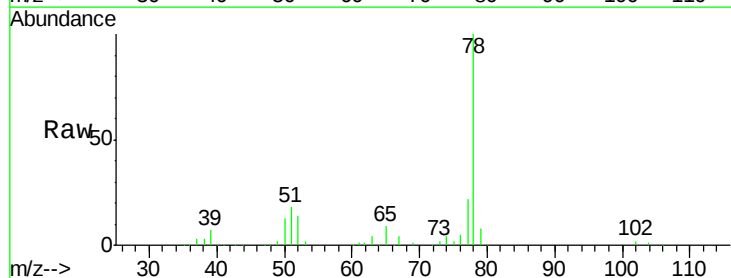
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

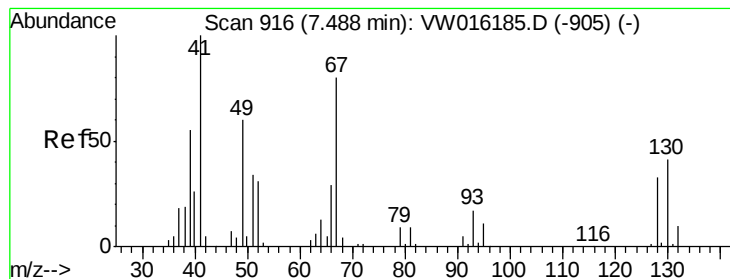
Tgt Ion: 83 Resp: 50692
Ion Ratio Lower Upper
83 100
55 76.7 59.2 88.8
98 49.2 40.2 60.2



#40
Benzene
Concen: 10.831 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 78 Resp: 124611
Ion Ratio Lower Upper
78 100
77 22.5 18.6 28.0





#41

Methacrylonitrile

Concen: 7.196 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 6609

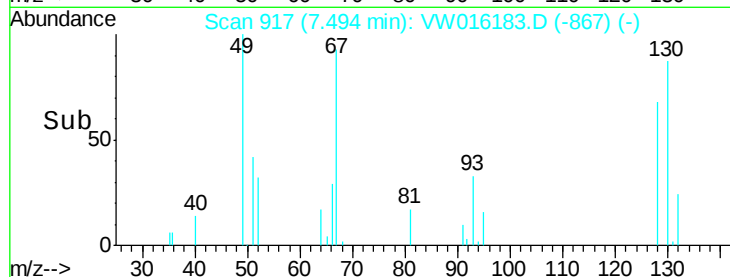
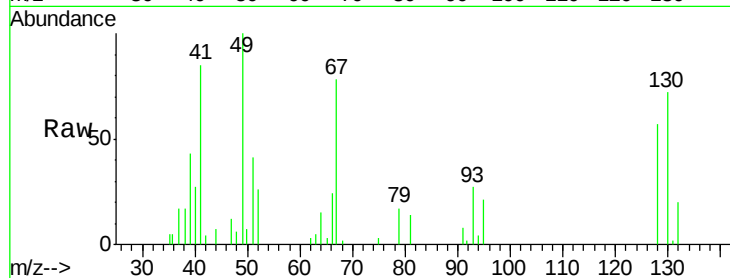
Ion Ratio Lower Upper

41 100

39 61.3 43.4 65.2

67 90.0 61.5 92.3

52 38.1 24.3 36.5#

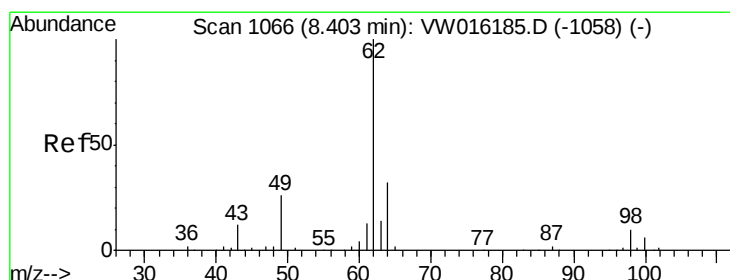
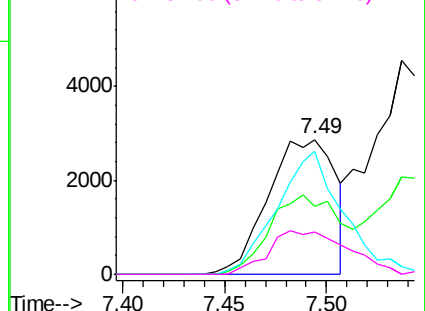


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 9.230 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016183.D

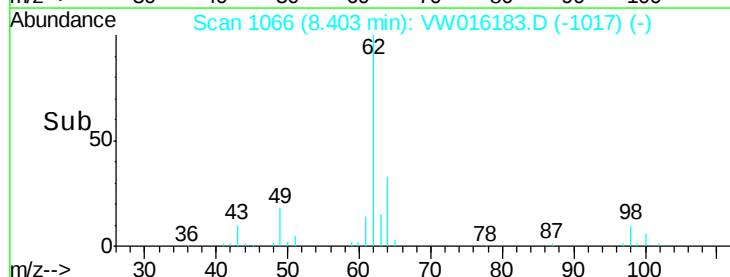
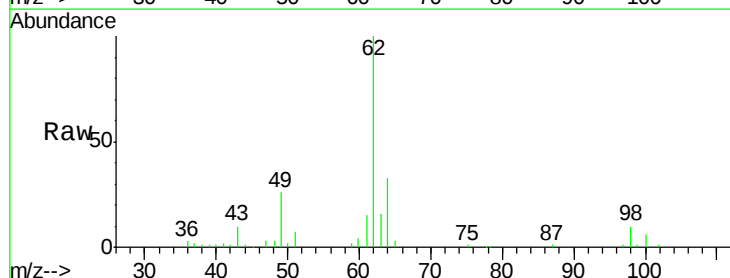
Acq: 14 Aug 2020 10:14

Tgt Ion: 62 Resp: 32316

Ion Ratio Lower Upper

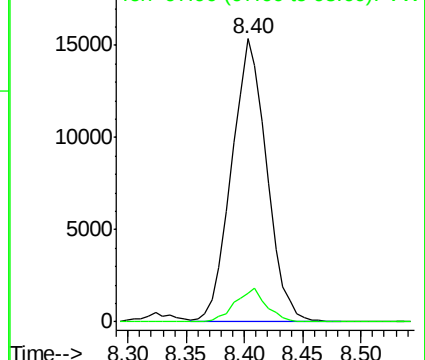
62 100

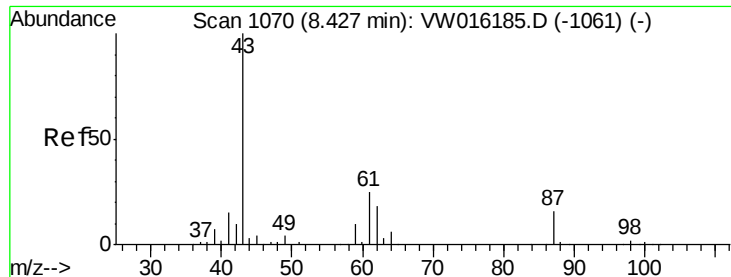
98 10.5 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 8.370 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

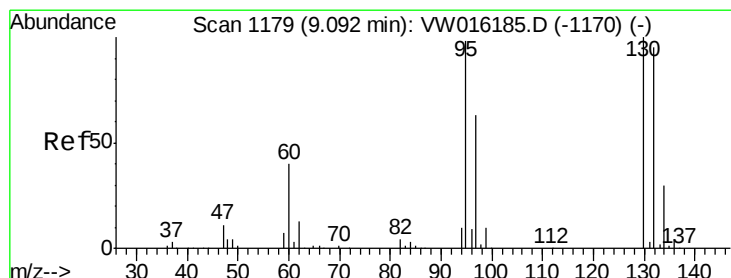
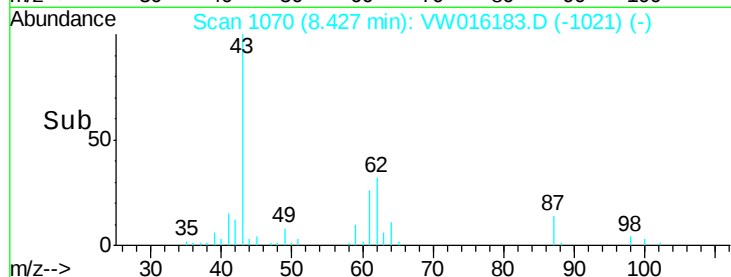
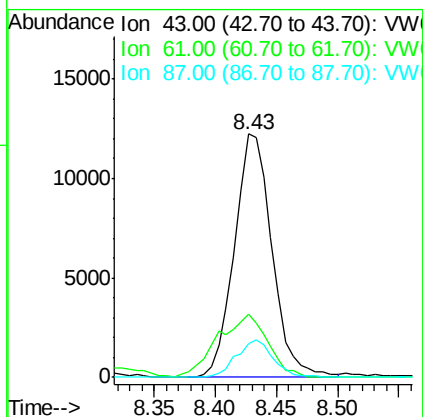
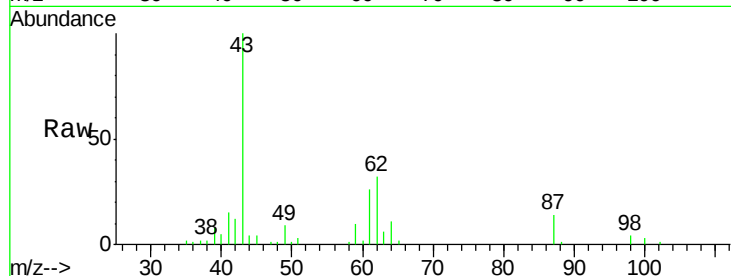
Tgt Ion: 43 Resp: 26171

Ion Ratio Lower Upper

43 100

61 34.6 26.9 40.3

87 15.1 12.0 18.0



#44

Trichloroethene

Concen: 11.670 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016183.D

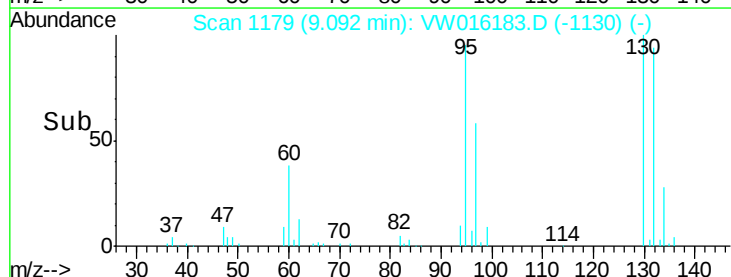
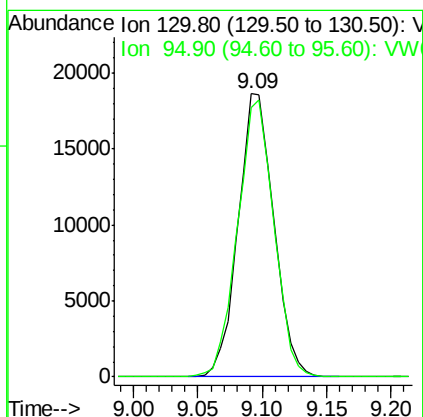
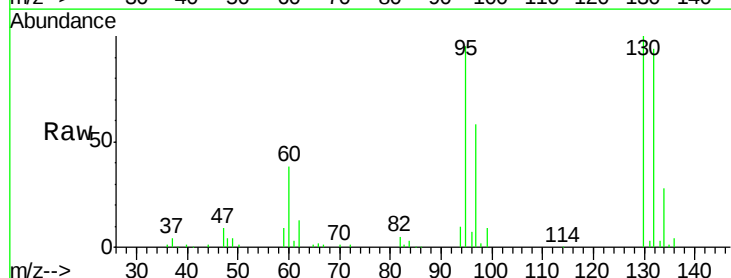
Acq: 14 Aug 2020 10:14

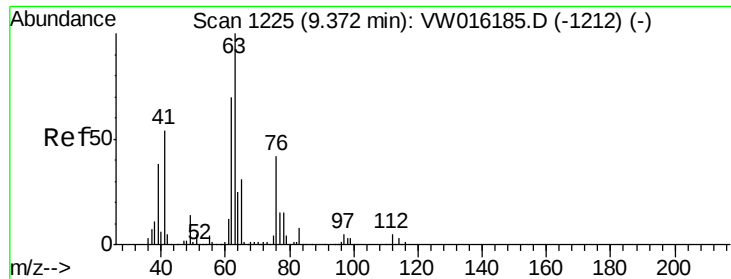
Tgt Ion: 130 Resp: 35785

Ion Ratio Lower Upper

130 100

95 95.0 0.0 196.4

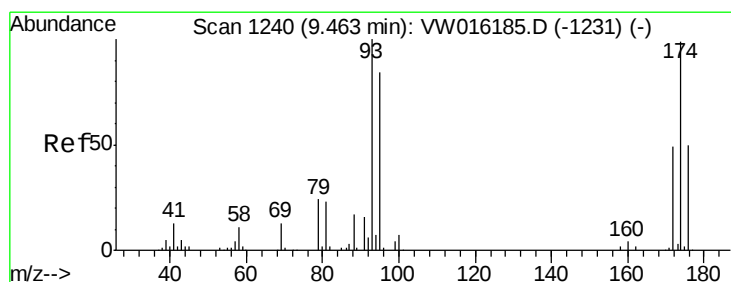
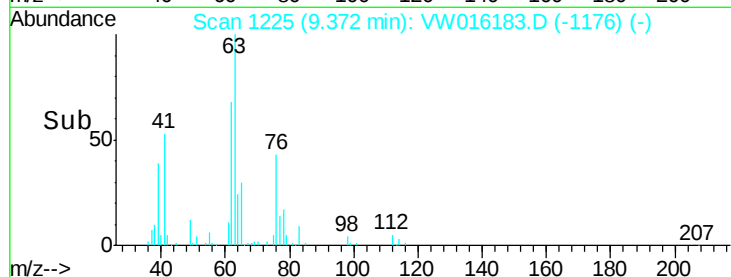
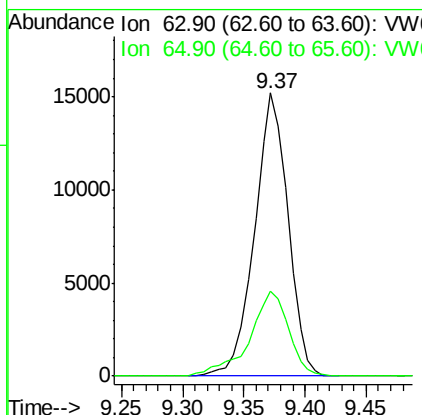
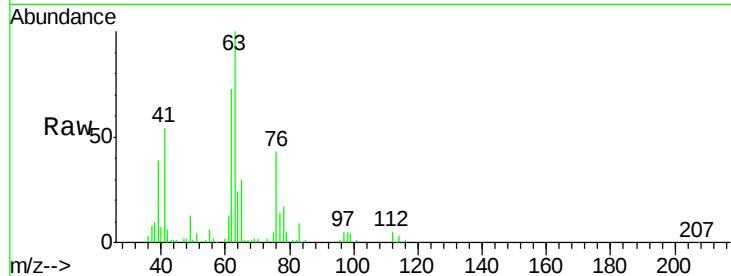




#45
 1,2-Dichloropropane
 Concen: 10.310 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

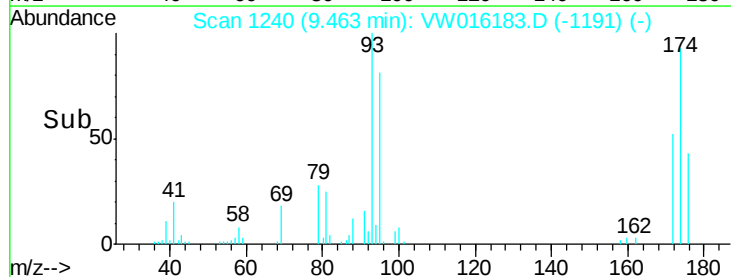
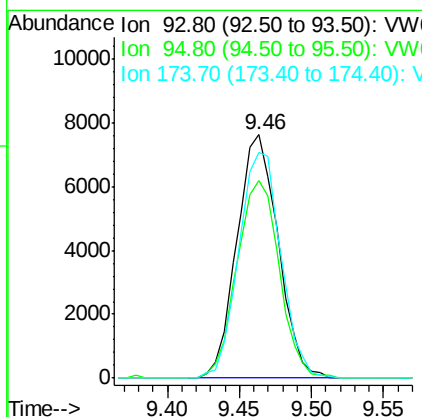
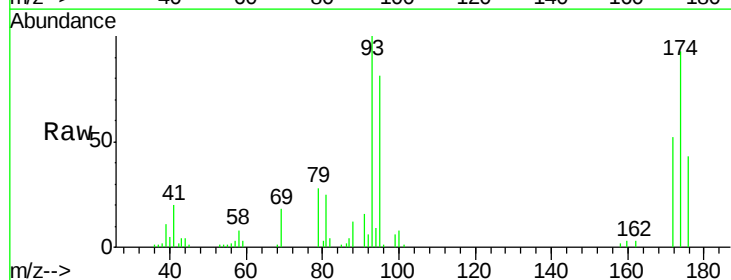
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

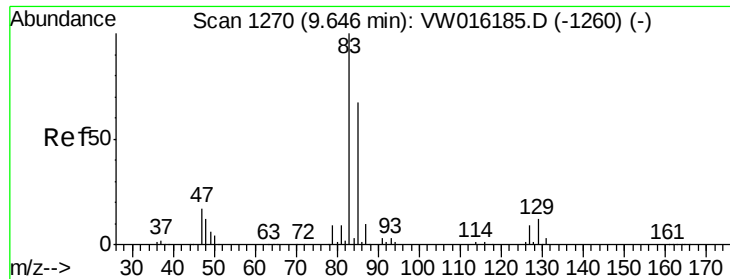
Tgt Ion: 63 Resp: 29020
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 10.409 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 93 Resp: 15176
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.9 98.9
 174 94.5 77.0 115.6

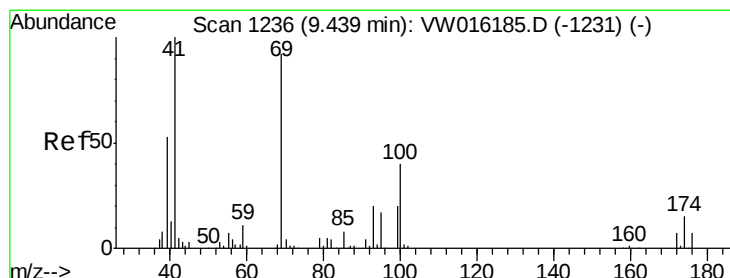
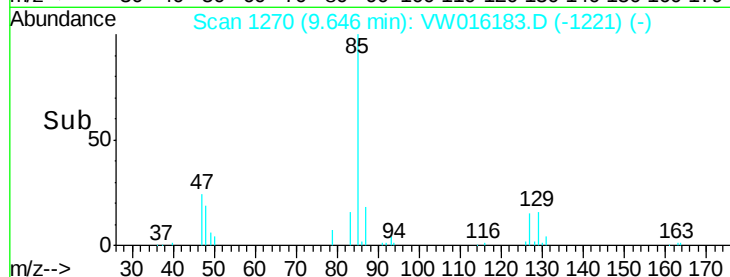
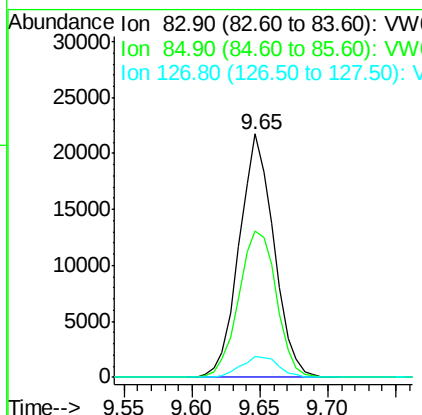
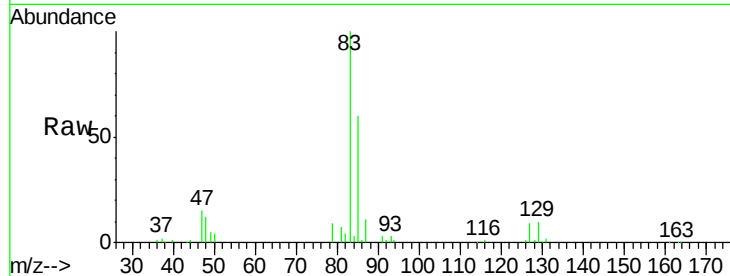




#47
 Bromodichloromethane
 Concen: 10.333 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

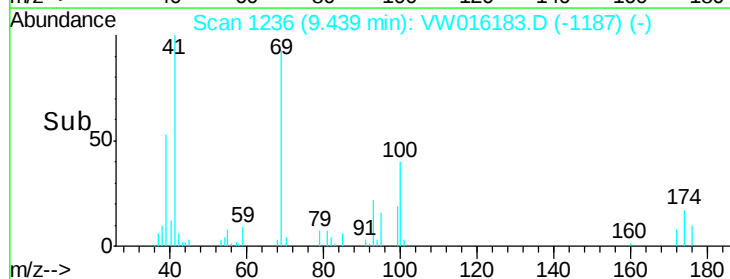
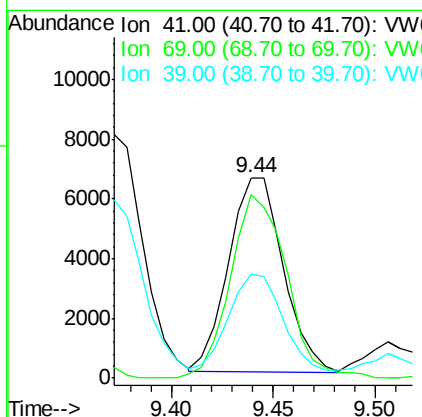
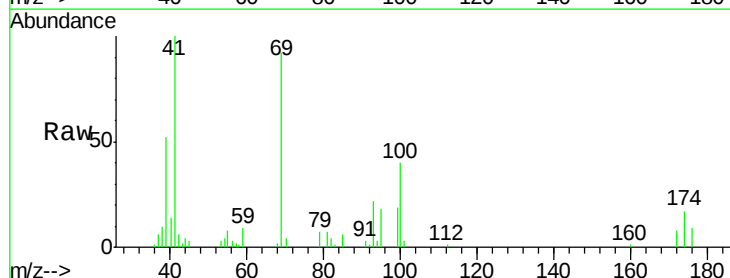
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

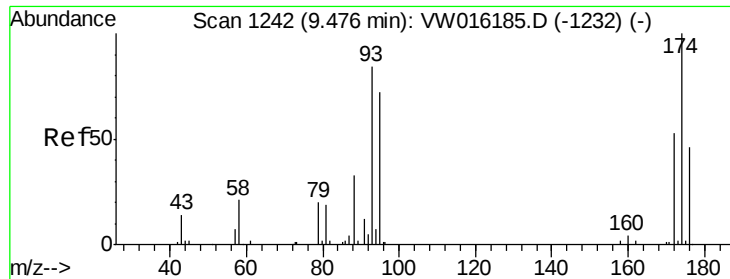
Tgt Ion: 83 Resp: 38738
 Ion Ratio Lower Upper
 83 100
 85 59.9 53.3 79.9
 127 8.7 7.4 11.2



#48
 Methyl methacrylate
 Concen: 8.494 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 41 Resp: 12137
 Ion Ratio Lower Upper
 41 100
 69 96.9 77.4 116.0
 39 49.6 42.2 63.2

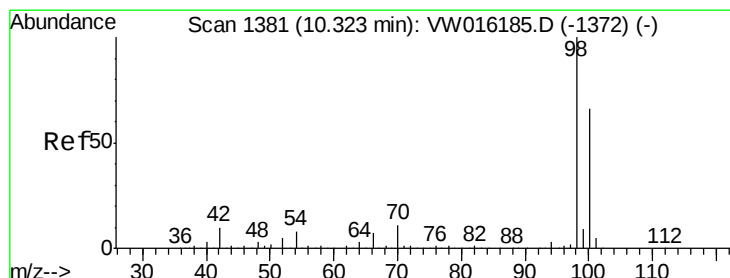
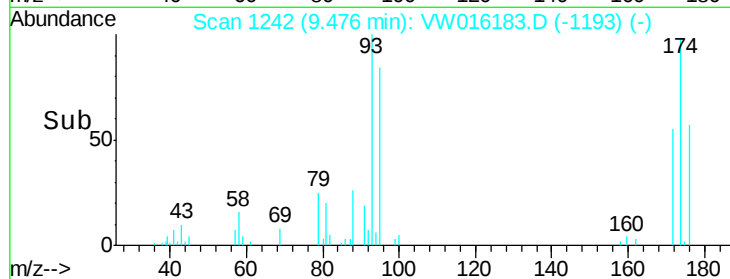
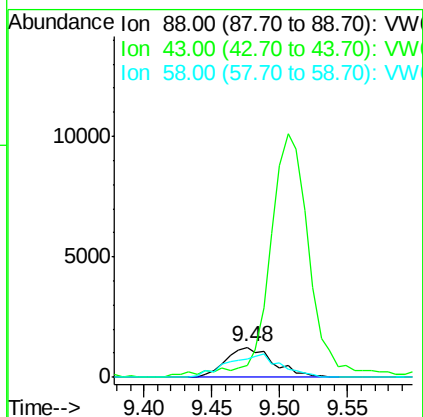
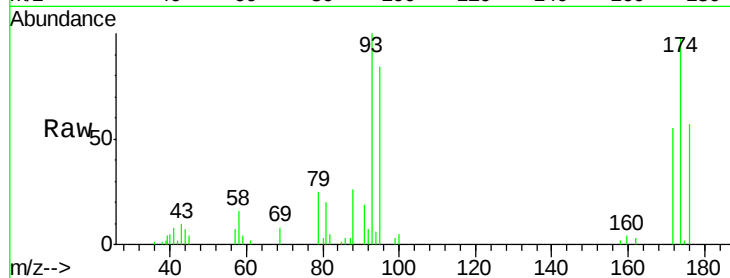




#49
 1,4-Dioxane
 Concen: 167.840 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

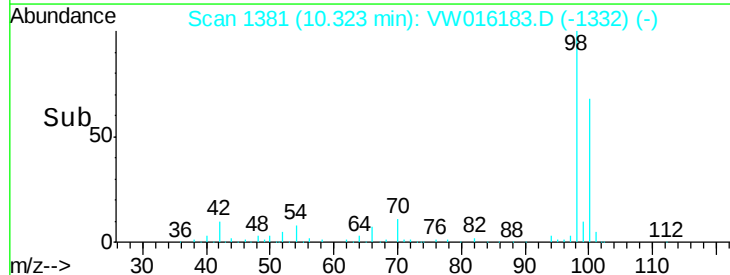
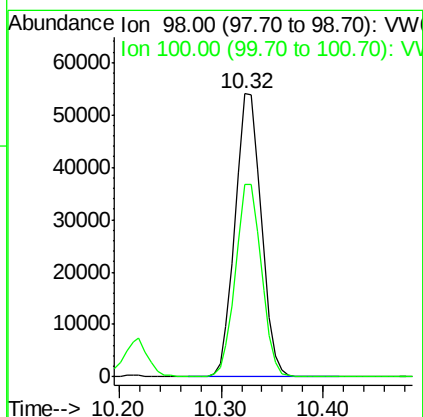
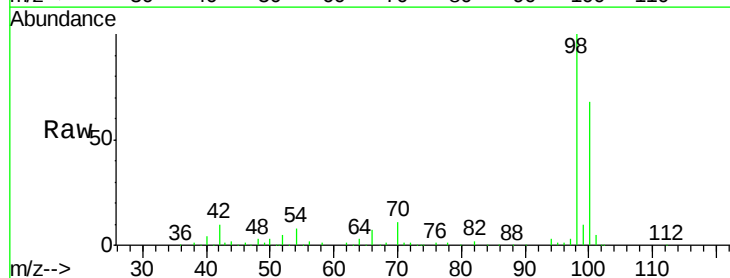
Instrument :
 MSVOA_X
 ClientSampleId :
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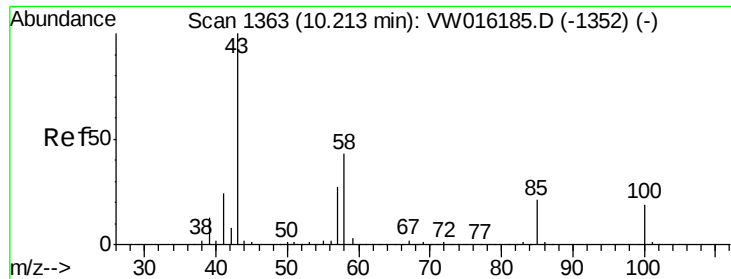
Tgt Ion: 88 Resp: 3067
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 85.2 56.6 84.8#



#50
 Toluene-d8
 Concen: 9.726 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 98 Resp: 96031
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.5 80.3

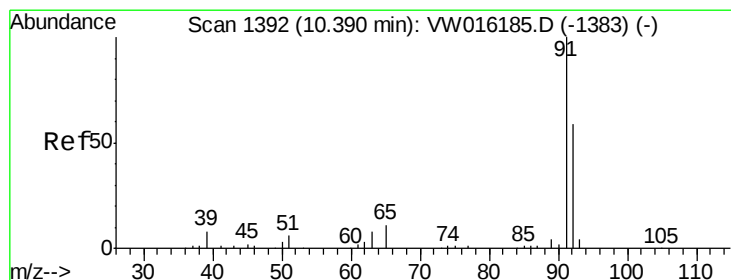
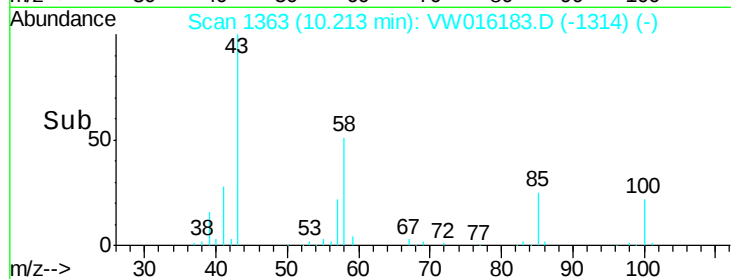
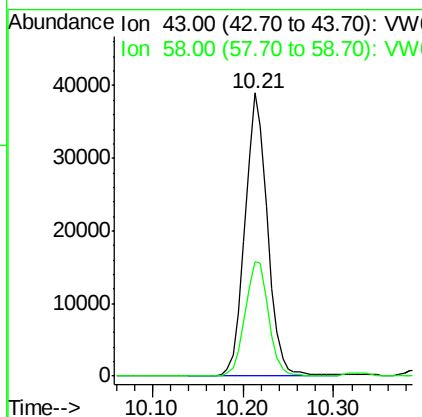
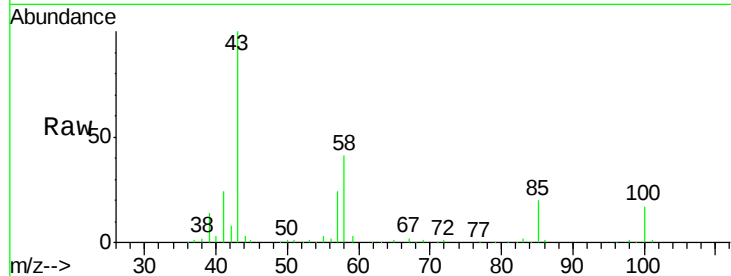




#51
4-Methyl-2-Pentanone
Concen: 43.830 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

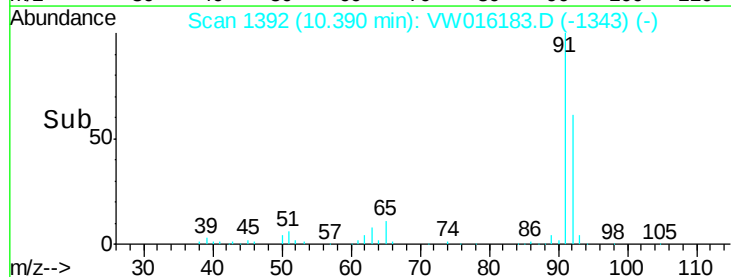
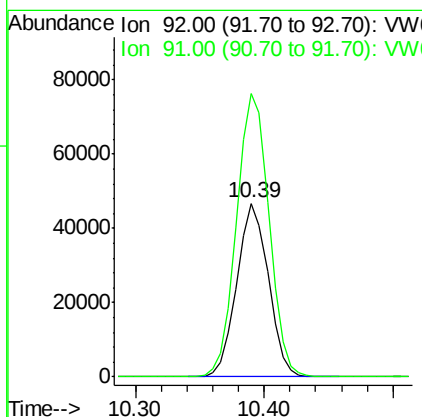
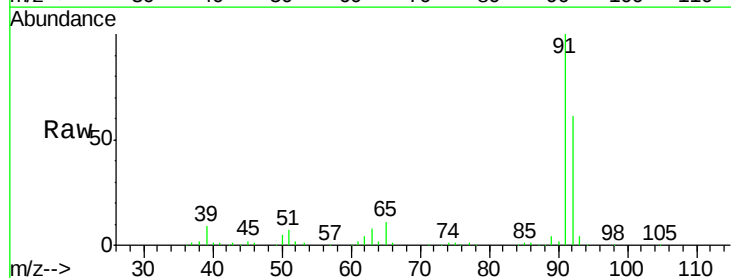
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

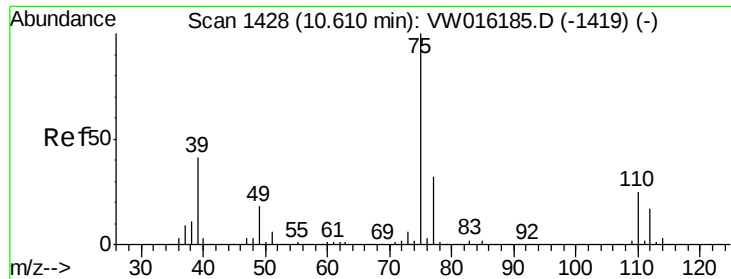
Tgt Ion: 43 Resp: 67147
Ion Ratio Lower Upper
43 100
58 41.9 33.7 50.5



#52
Toluene
Concen: 10.703 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 92 Resp: 79384
Ion Ratio Lower Upper
92 100
91 167.7 133.3 199.9

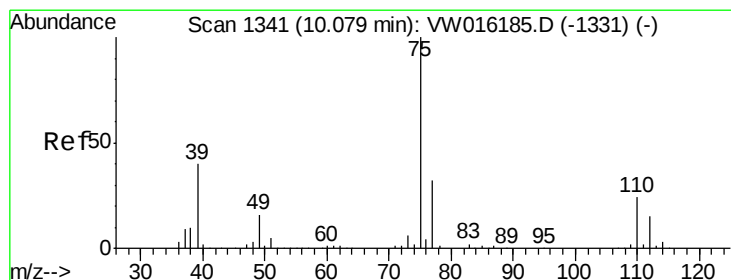
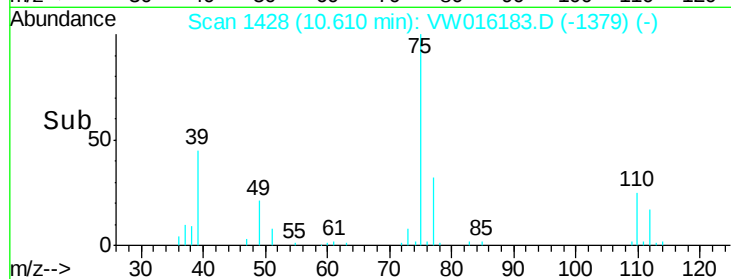
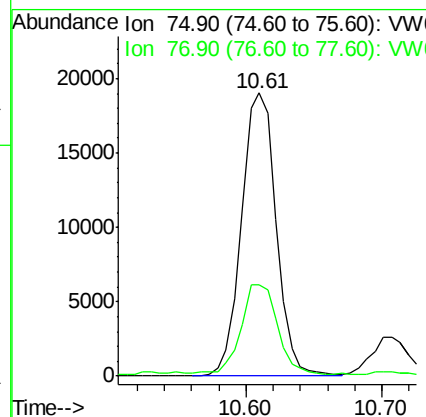
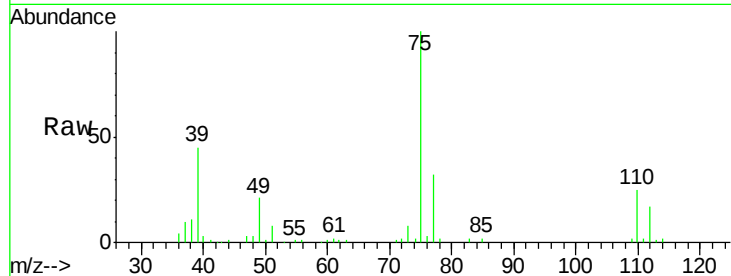




#53
t-1,3-Dichloropropene
Concen: 9.468 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

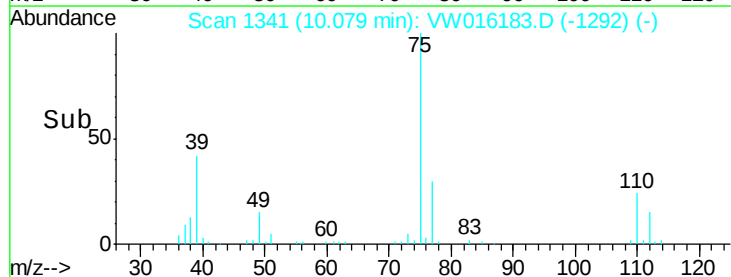
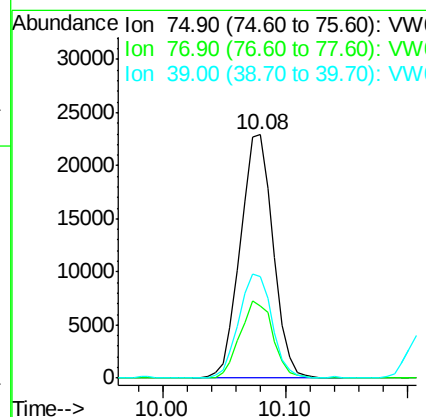
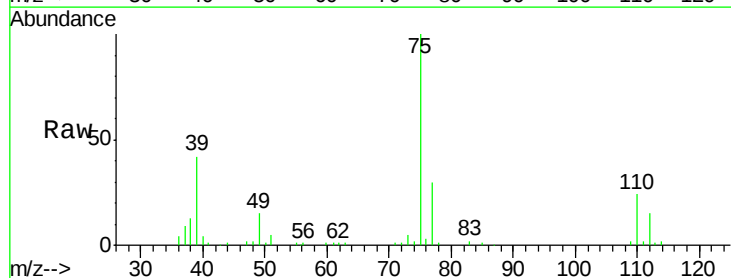
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

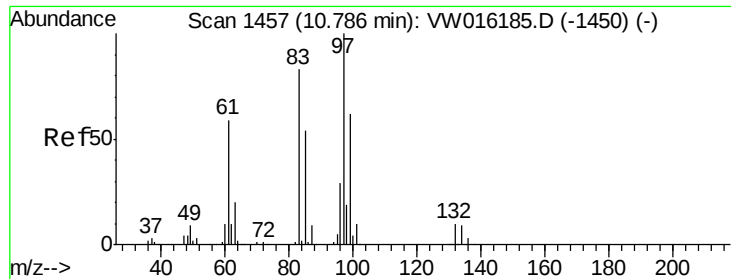
Tgt Ion: 75 Resp: 33960
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 9.872 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 75 Resp: 42637
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9
39 41.7 32.3 48.5

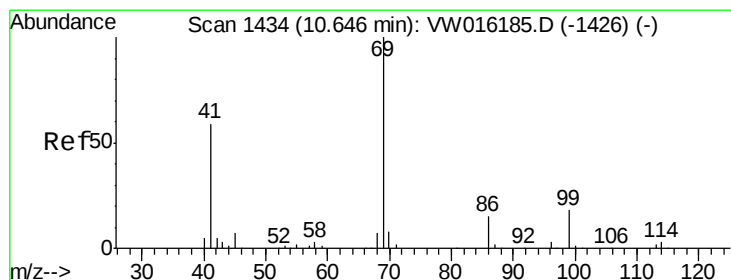
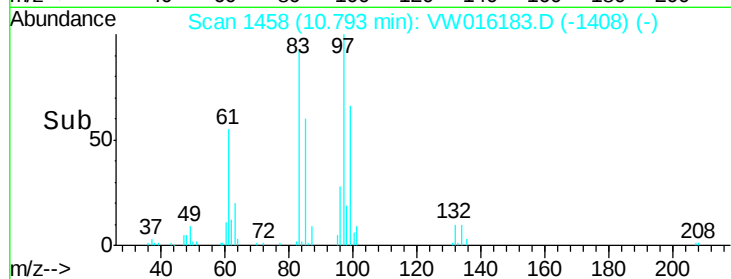
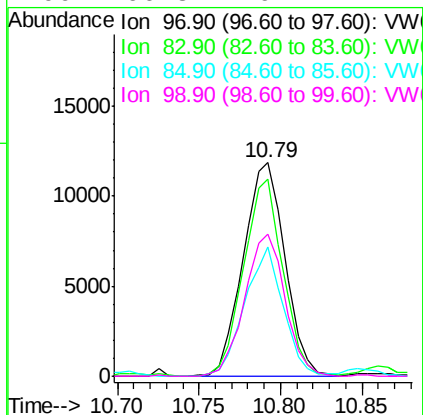
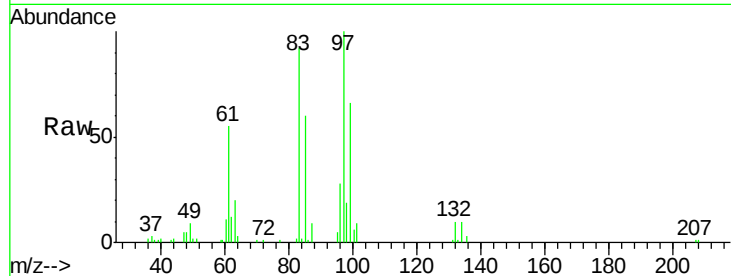




#55
 1,1,2-Trichloroethane
 Concen: 10.429 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

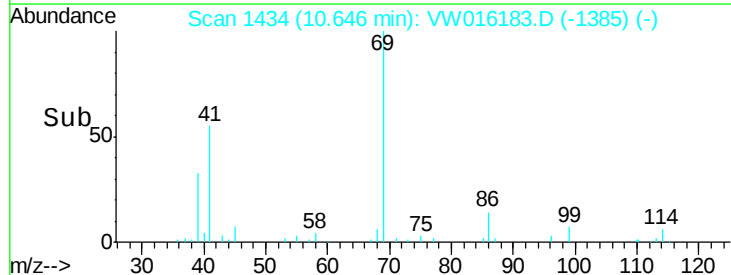
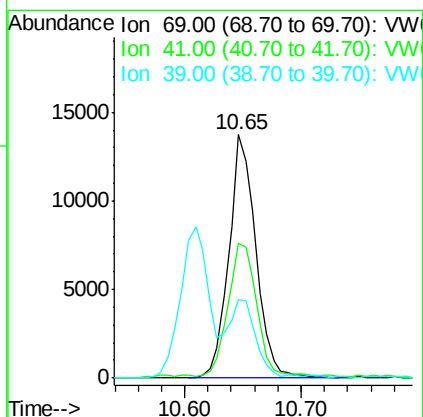
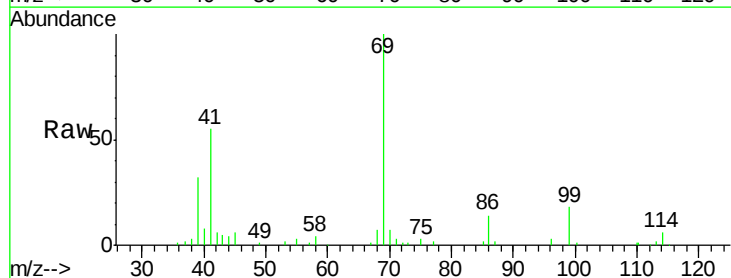
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

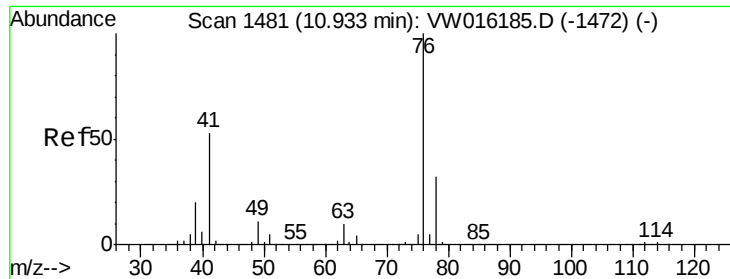
Tgt Ion:	97	Resp:	21101
Ion	Ratio	Lower	Upper
97	100		
83	92.2	66.6	100.0
85	60.5	43.0	64.4
99	66.3	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 8.938 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion:	69	Resp:	22230
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.6	71.4
39	28.4	24.6	36.8

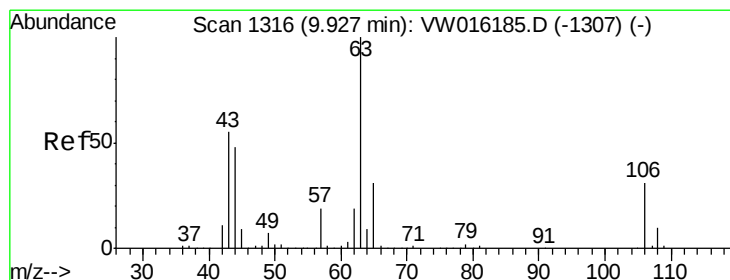
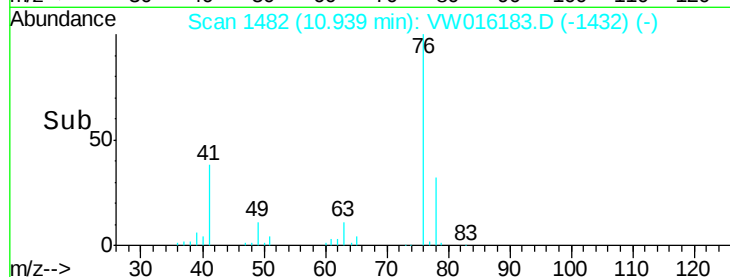
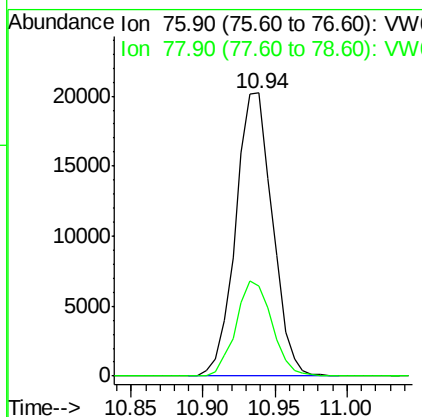
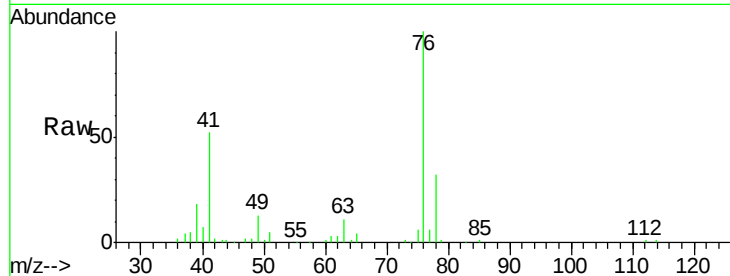




#57
 1,3-Dichloropropane
 Concen: 10.039 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

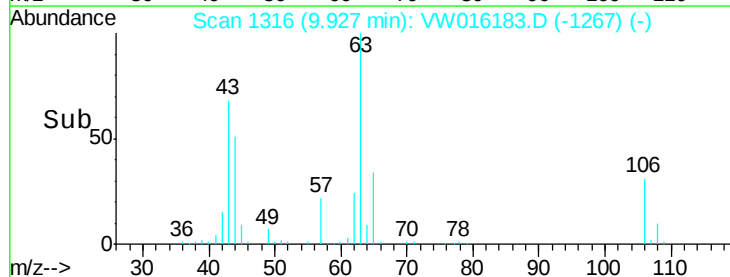
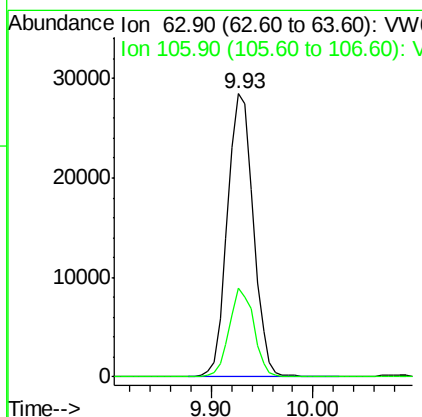
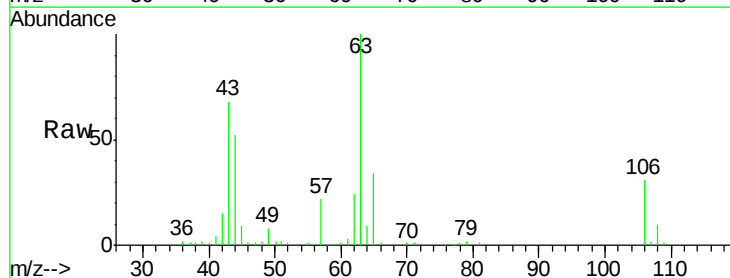
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

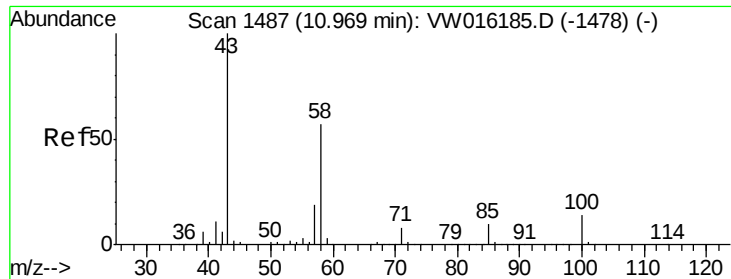
Tgt Ion: 76 Resp: 35912
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 41.618 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 63 Resp: 49996
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.9 37.3

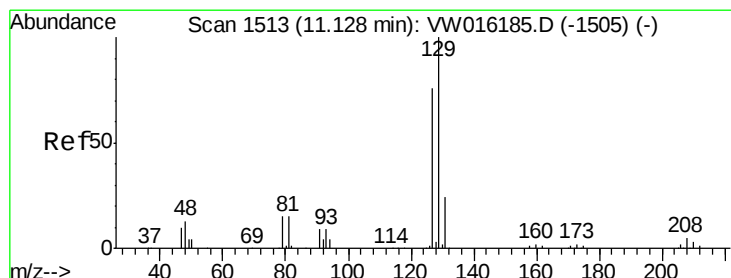
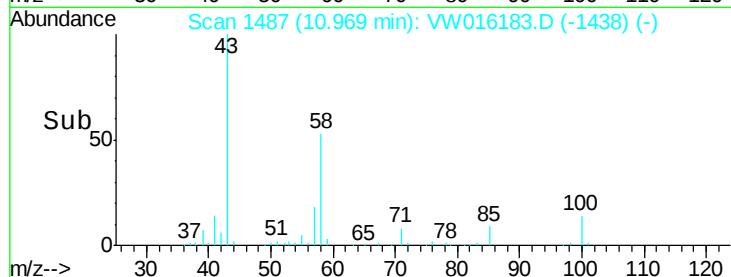
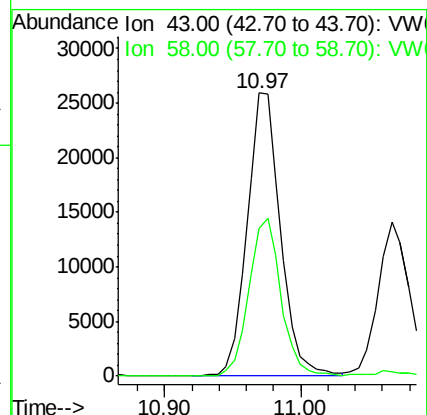
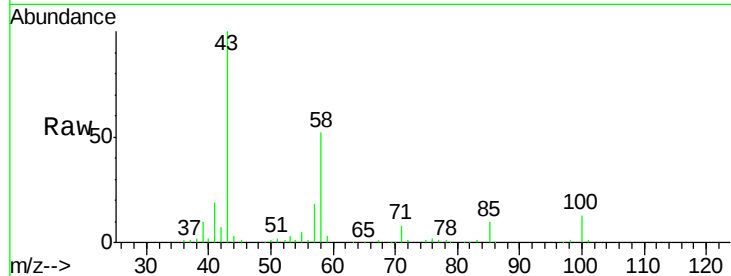




#59
2-Hexanone
Concen: 43.457 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

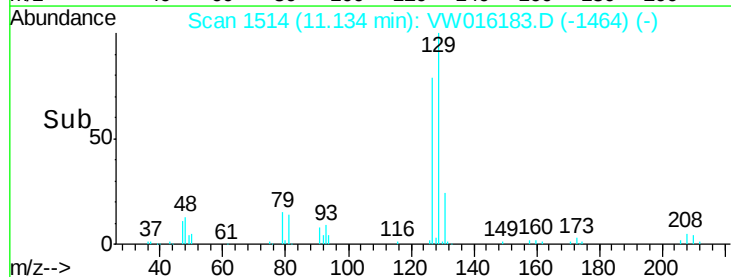
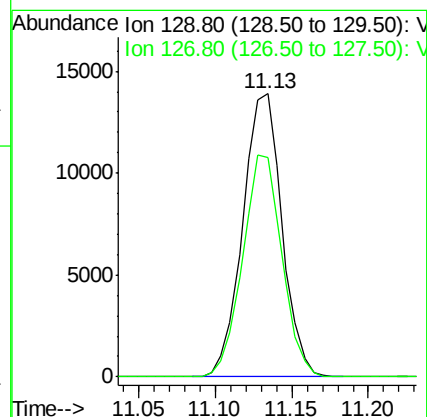
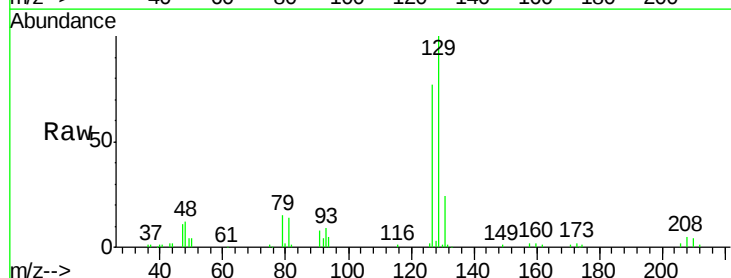
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

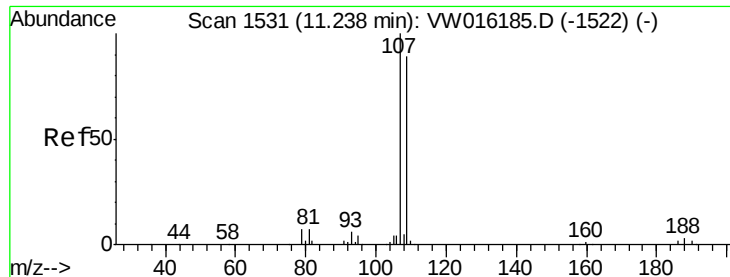
Tgt Ion: 43 Resp: 44544
Ion Ratio Lower Upper
43 100
58 53.7 28.8 86.5



#60
Dibromochloromethane
Concen: 10.485 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 129 Resp: 24709
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8

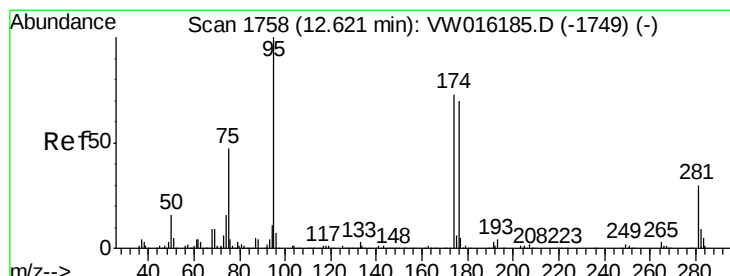
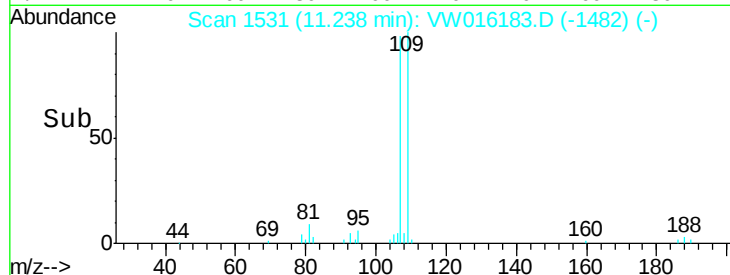
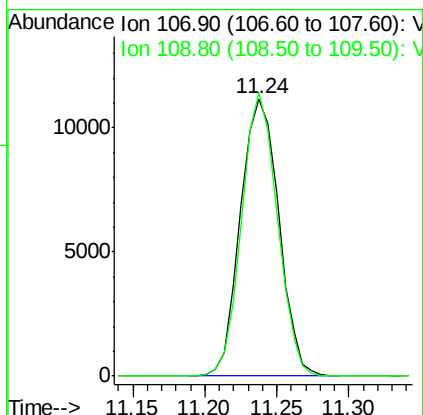
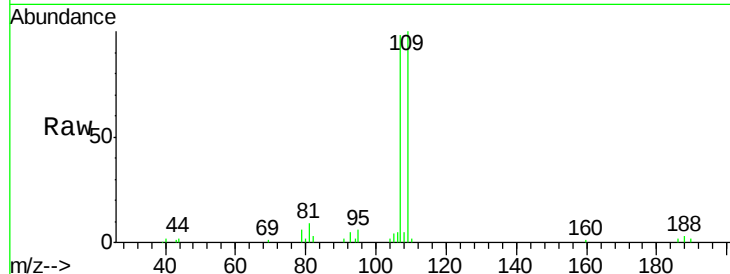




#61
1,2-Dibromoethane
Concen: 10.568 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

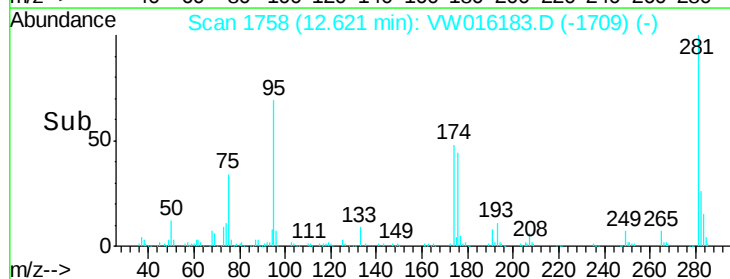
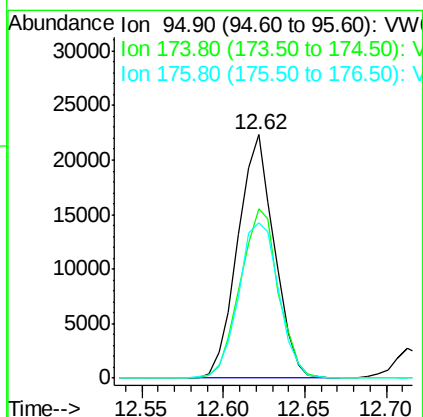
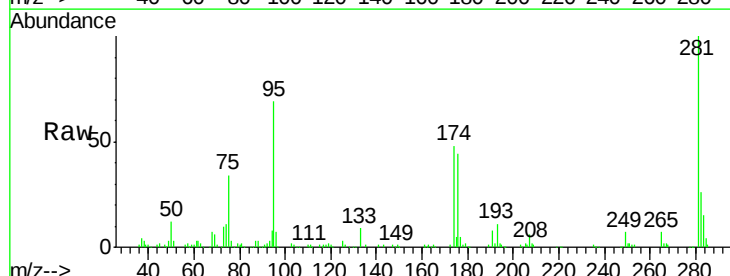
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

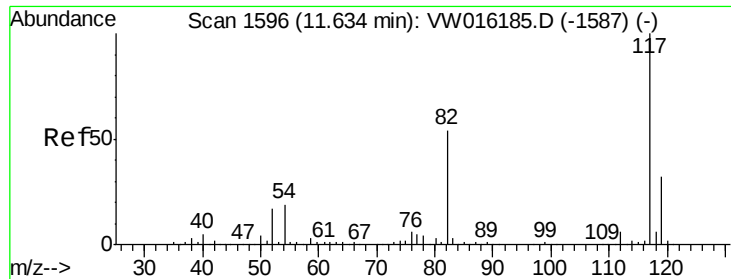
Tgt Ion: 107 Resp: 20659
Ion Ratio Lower Upper
107 100
109 94.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 9.749 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 95 Resp: 34902
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.6
176 70.0 0.0 137.8

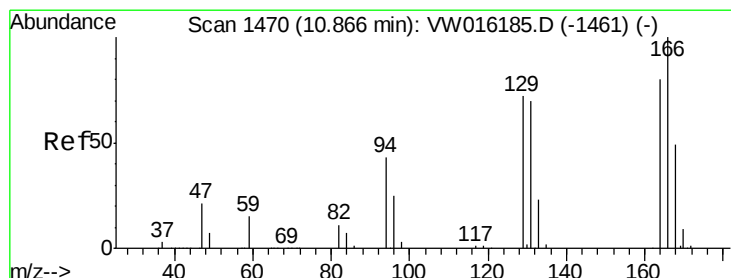
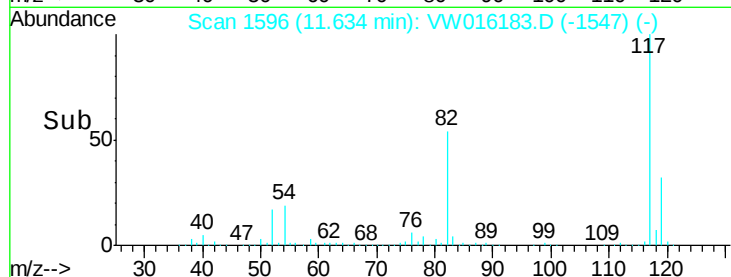
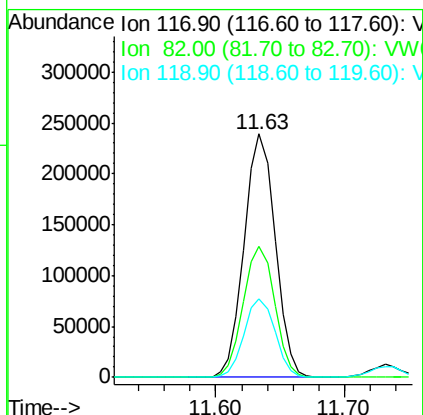
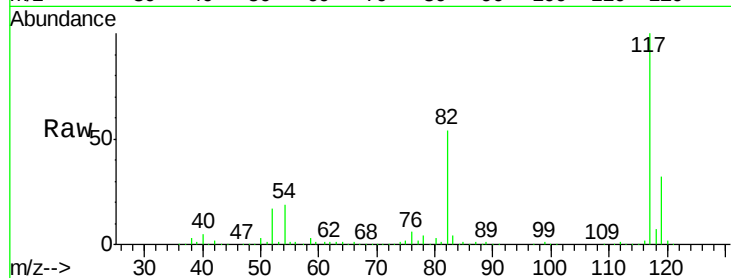




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

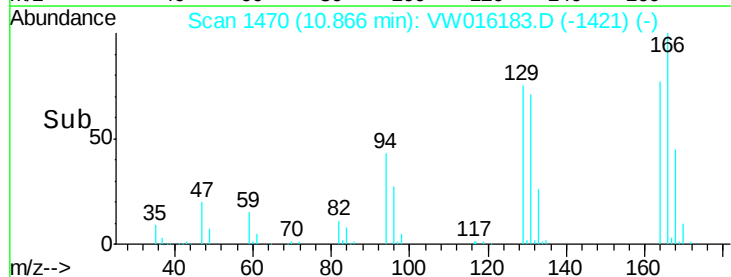
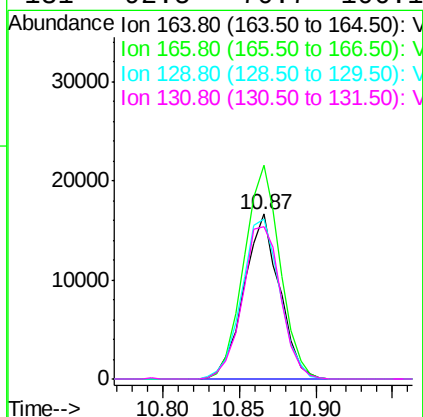
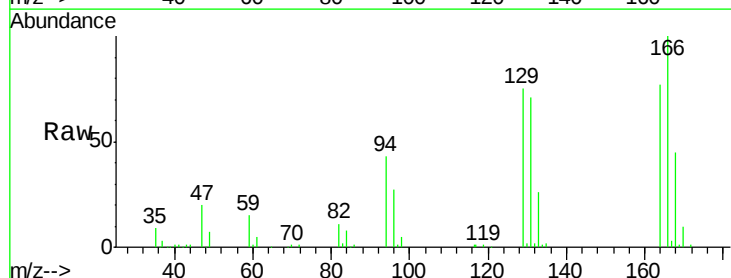
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

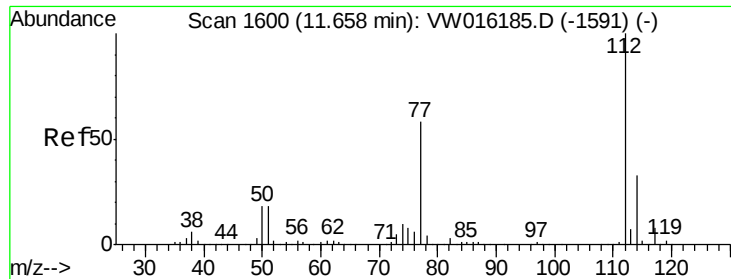
Tgt Ion:117 Resp: 399957
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 10.646 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion:164 Resp: 26912
Ion Ratio Lower Upper
164 100
166 129.4 100.3 150.5
129 97.3 72.2 108.4
131 92.5 70.7 106.1

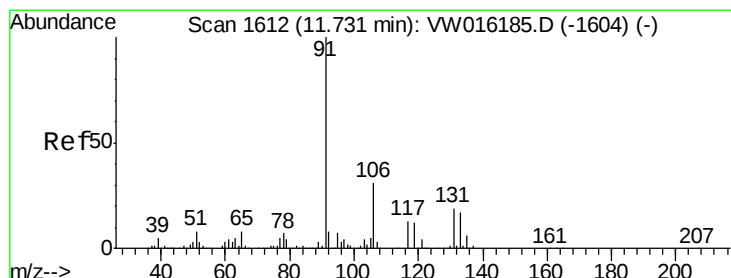
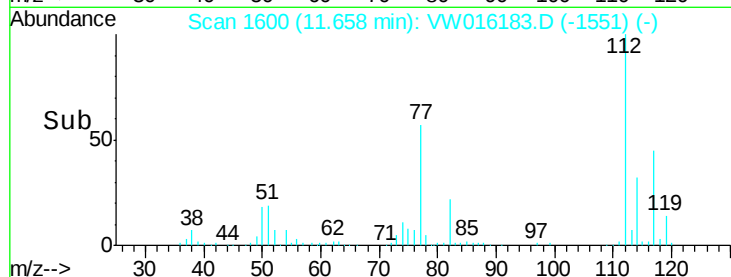
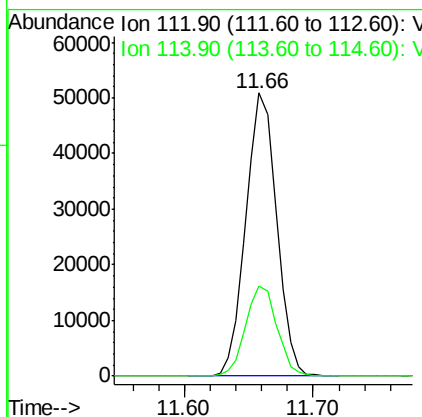
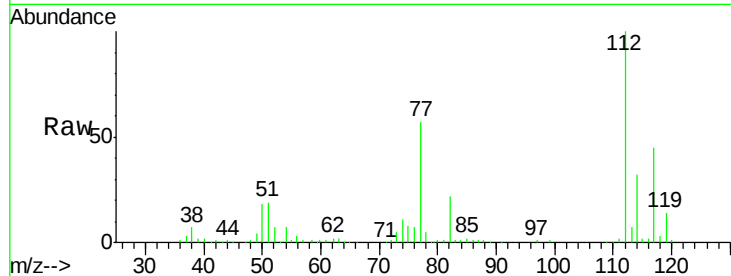




#65
Chlorobenzene
Concen: 10.810 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

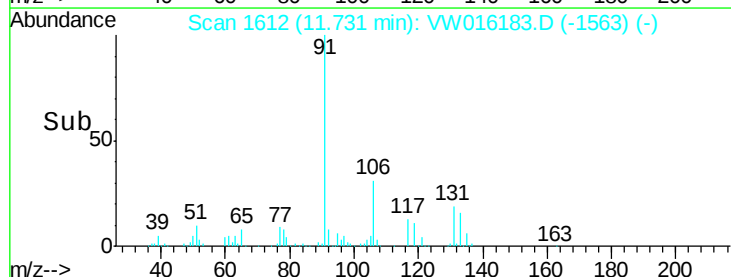
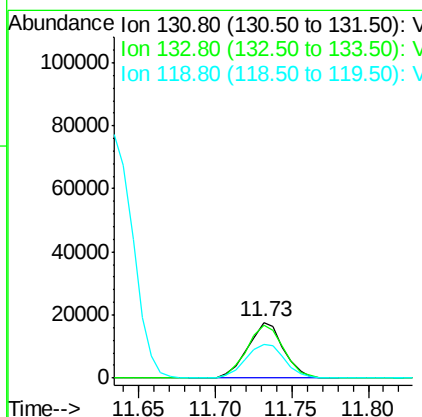
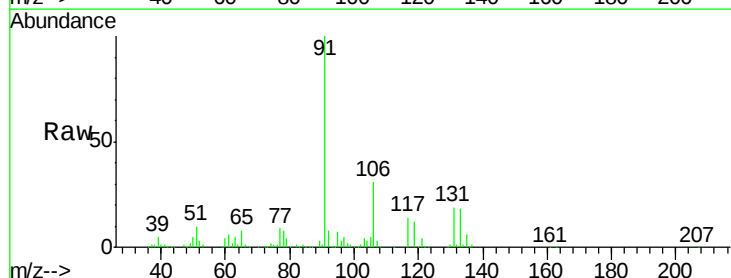
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

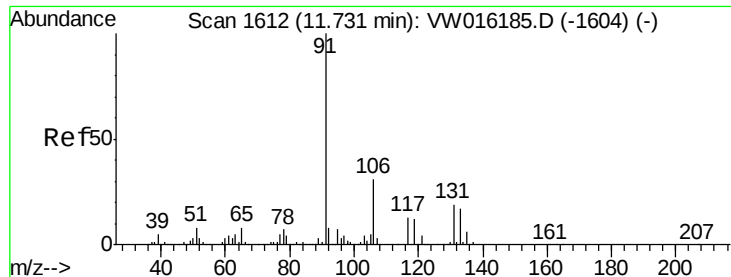
Tgt Ion:112 Resp: 84236
Ion Ratio Lower Upper
112 100
114 31.9 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 10.438 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion:131 Resp: 28759
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.3
119 66.6 33.1 99.3





#67

Ethyl Benzene

Concen: 10.179 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

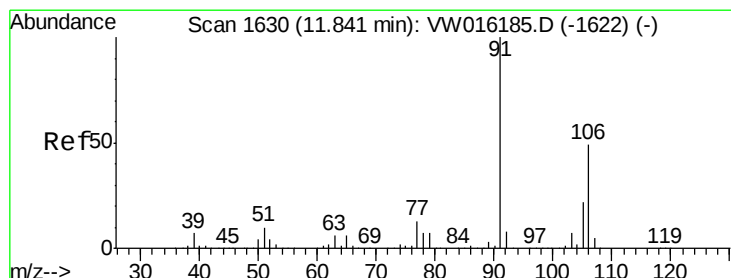
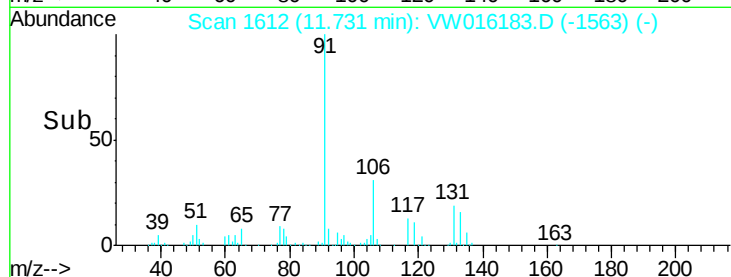
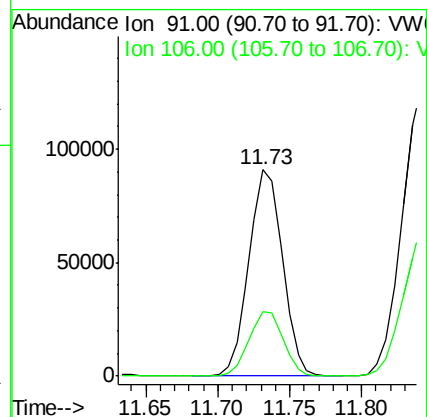
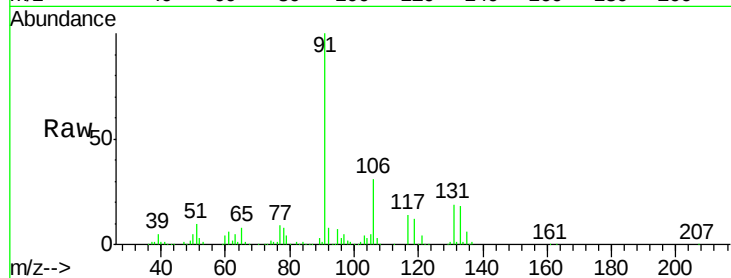
VSTDIC010

Tgt Ion: 91 Resp: 146894

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 21.254 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016183.D

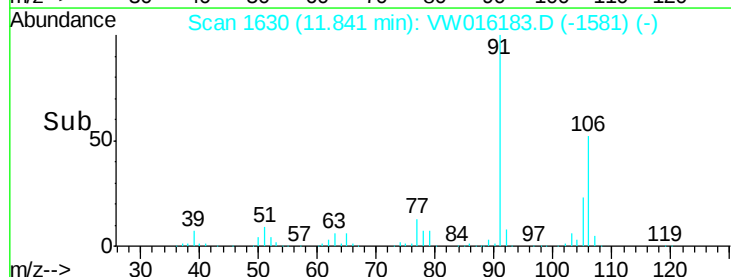
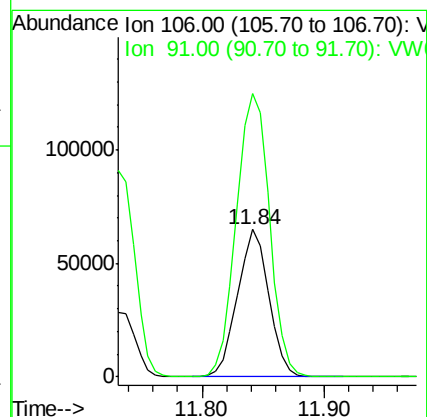
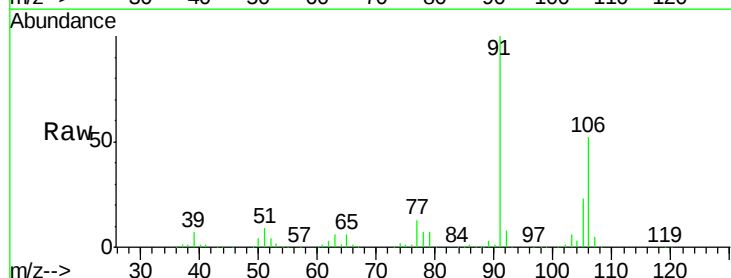
Acq: 14 Aug 2020 10:14

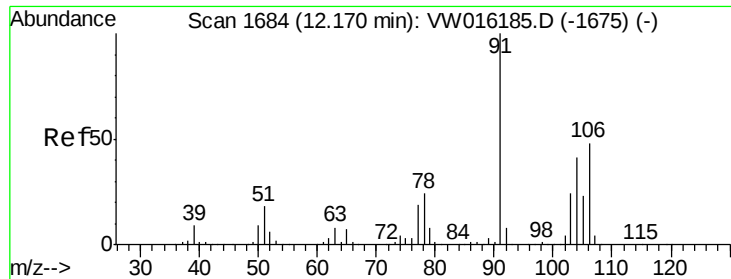
Tgt Ion: 106 Resp: 115215

Ion Ratio Lower Upper

106 100

91 203.3 161.4 242.2

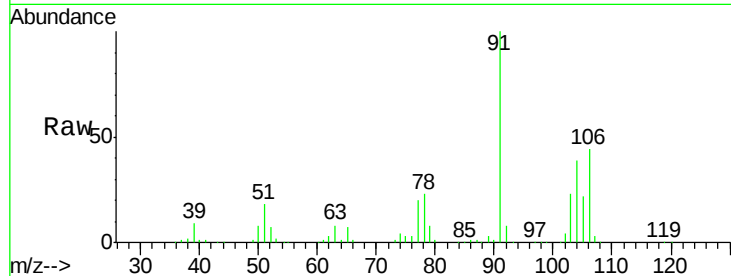




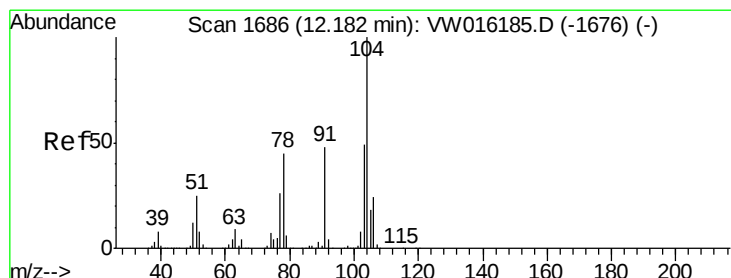
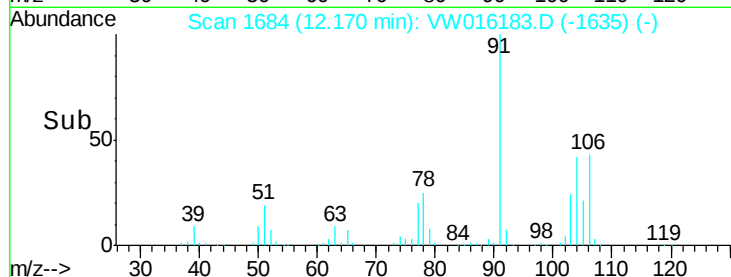
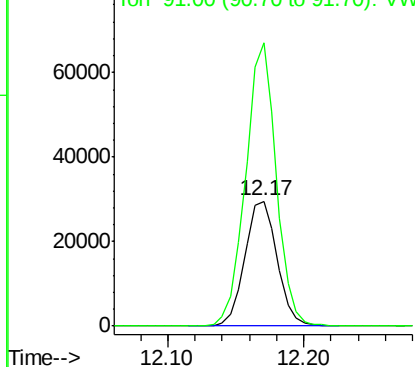
#69
o-Xylene
Concen: 9.964 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 49217
Ion Ratio Lower Upper
106 100
91 215.4 106.0 317.9

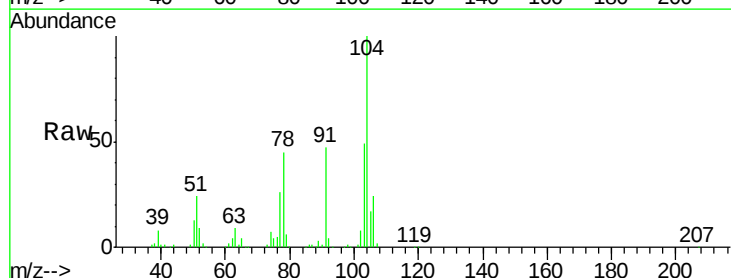


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

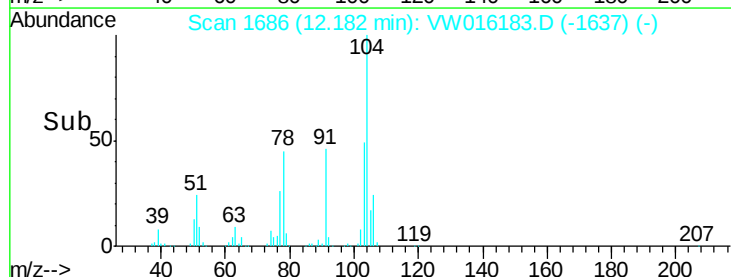
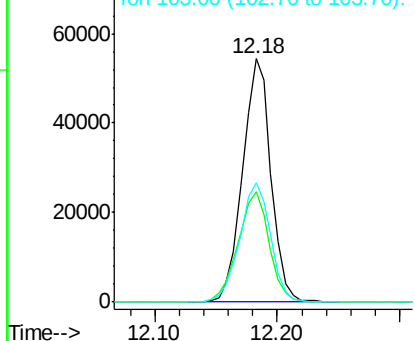


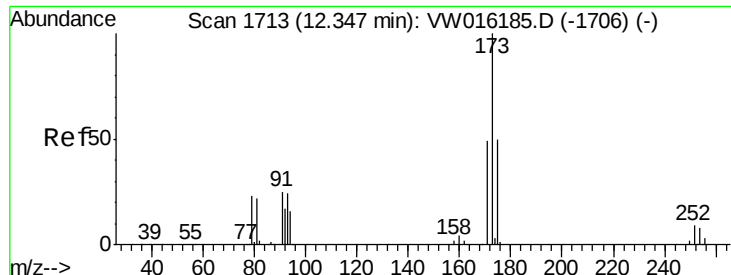
#70
Styrene
Concen: 10.254 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion:104 Resp: 87233
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.2
103 53.5 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

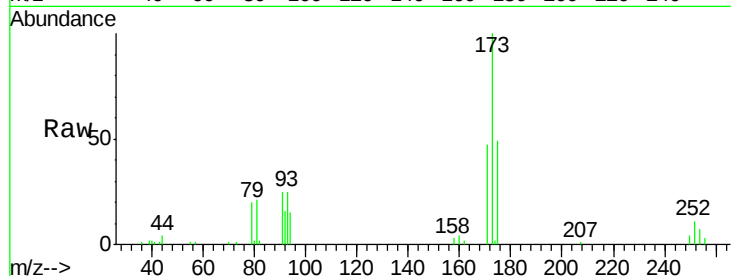




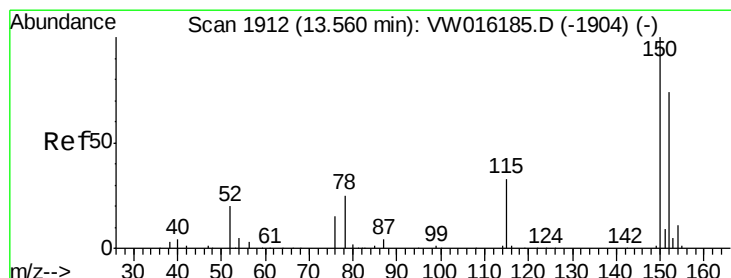
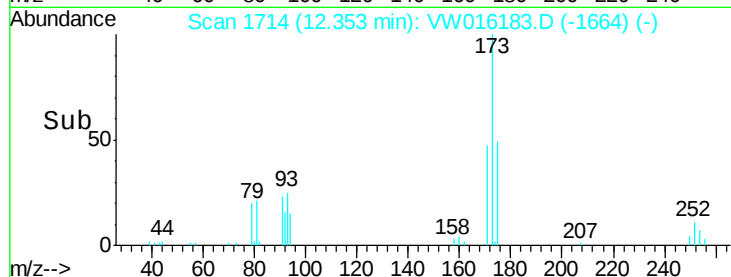
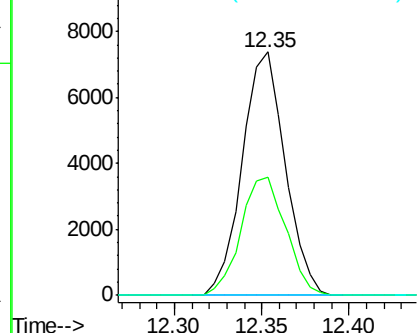
#71
Bromoform
Concen: 10.036 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 12589
Ion Ratio Lower Upper
173 100
175 50.8 24.7 74.1
254 0.0 0.0 0.0

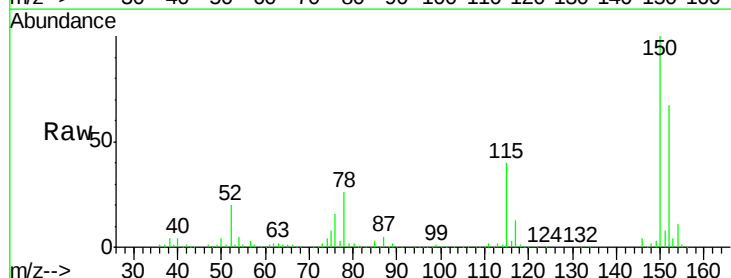


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

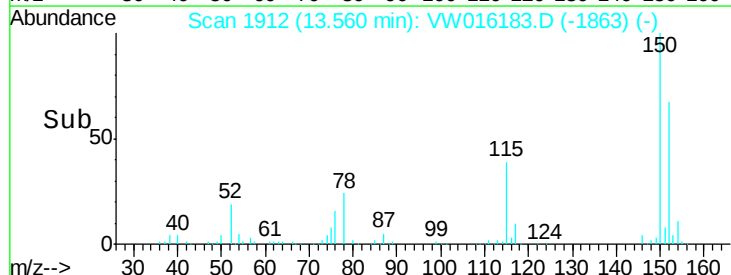
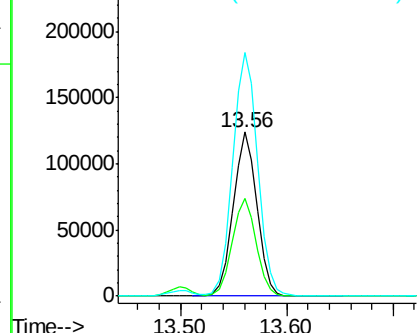


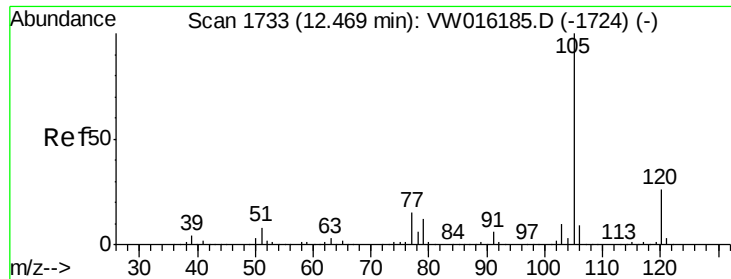
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion:152 Resp: 193165
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.5
150 155.8 0.0 337.8



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: 10.339 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

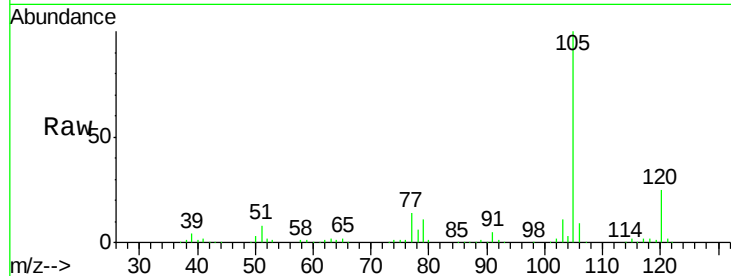
VSTDIC010

Tgt Ion: 105 Resp: 141782

Ion Ratio Lower Upper

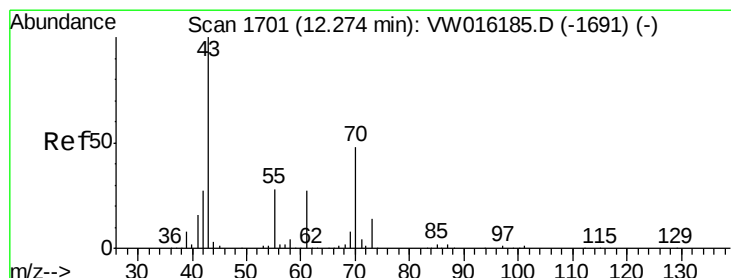
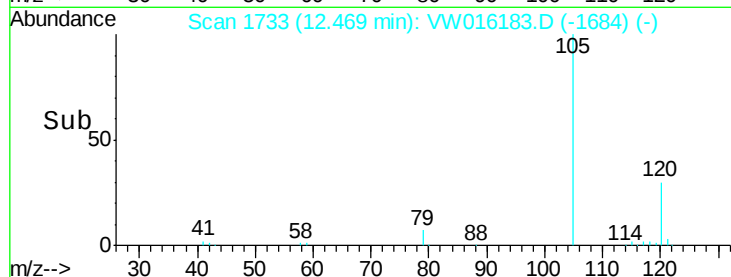
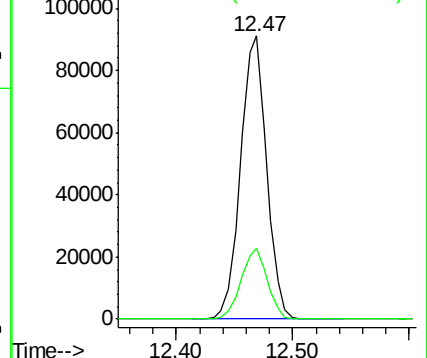
105 100

120 25.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.372 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion: 43 Resp: 24036

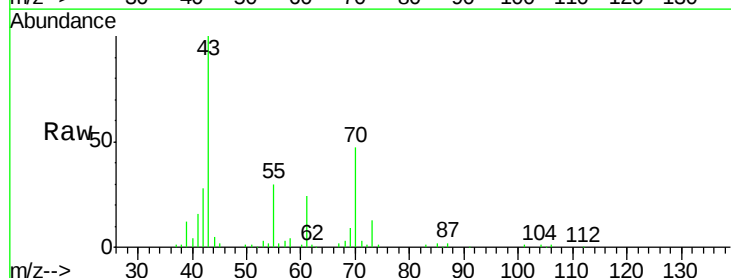
Ion Ratio Lower Upper

43 100

70 45.6 38.6 58.0

55 28.4 22.2 33.2

61 25.0 21.3 31.9

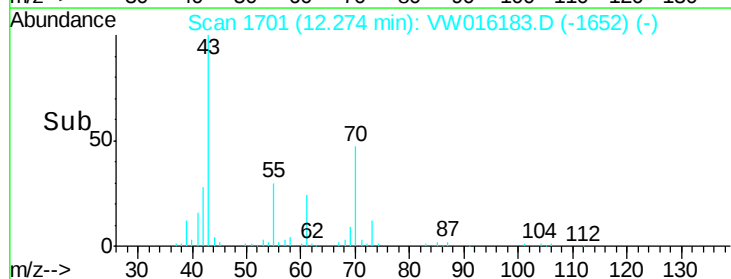
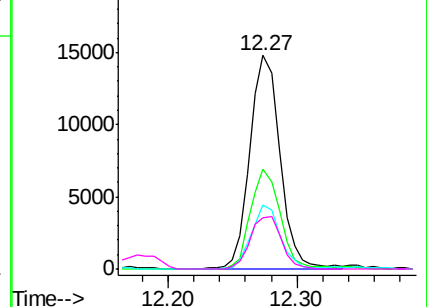


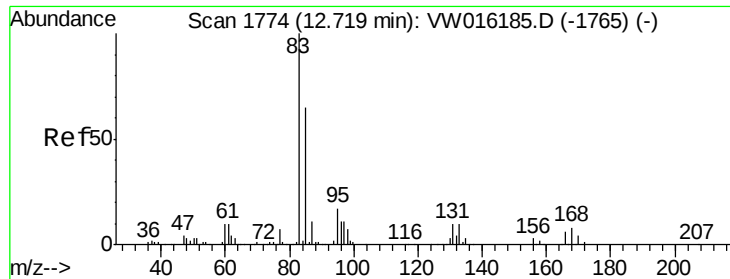
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 10.579 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

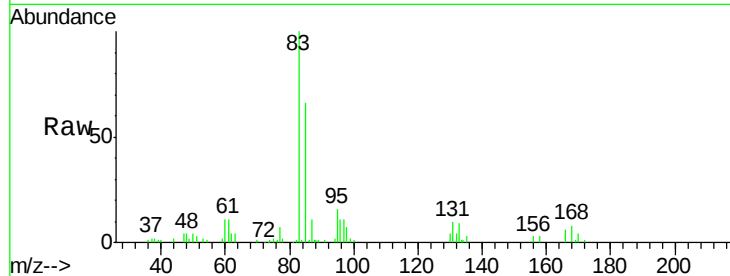
Tgt Ion: 83 Resp: 24275

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

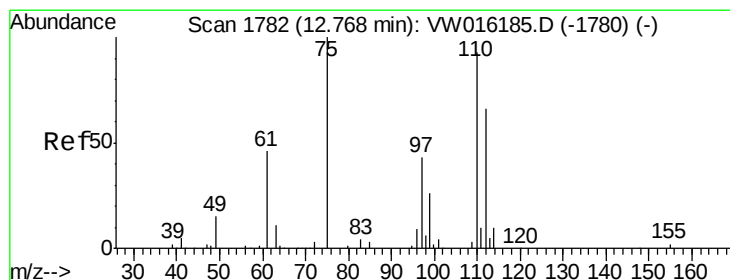
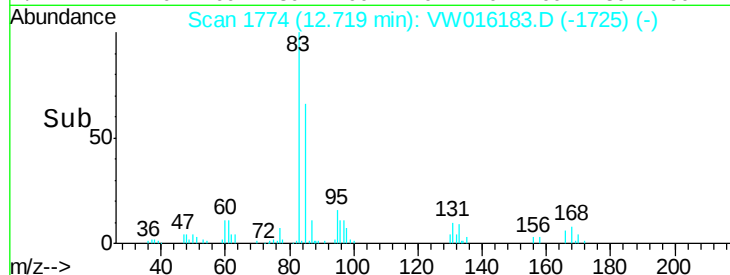
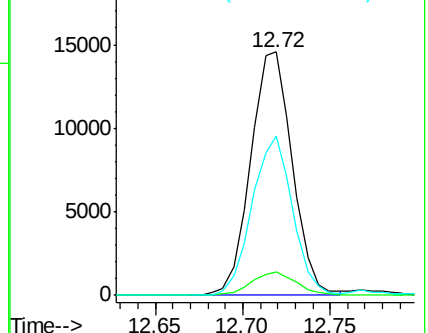
85 63.5 31.3 93.9



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: 17.413 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016183.D

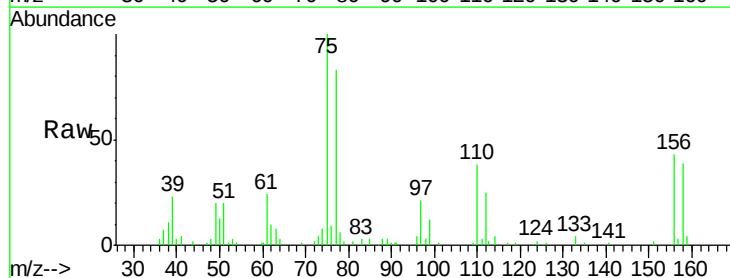
Acq: 14 Aug 2020 10:14

Tgt Ion: 75 Resp: 29777

Ion Ratio Lower Upper

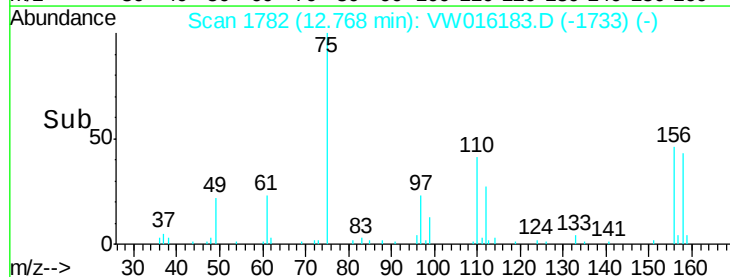
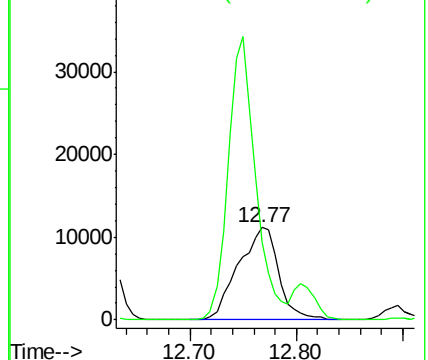
75 100

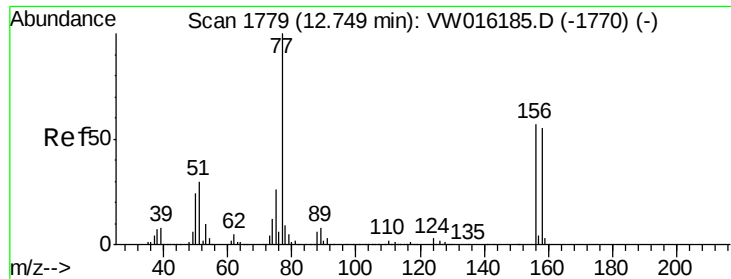
77 208.0 173.6 520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.424 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

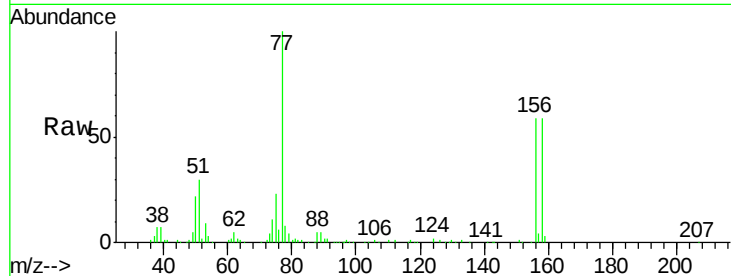
Tgt Ion:156 Resp: 31972

Ion Ratio Lower Upper

156 100

77 193.7 97.9 293.6

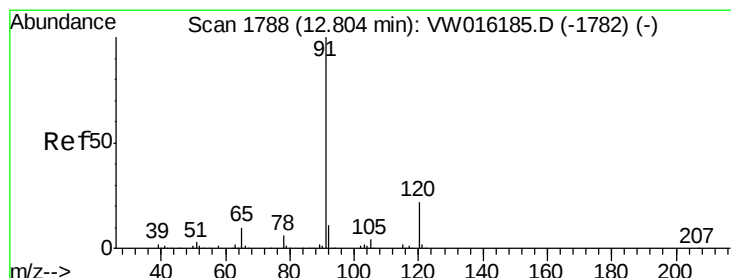
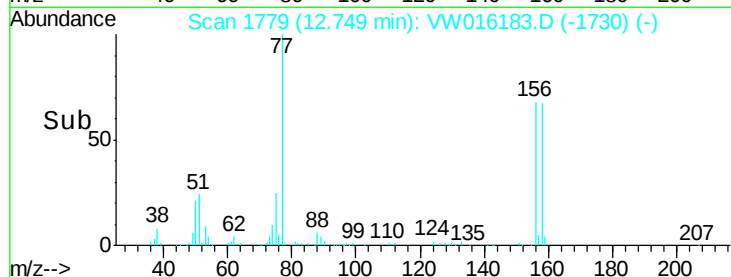
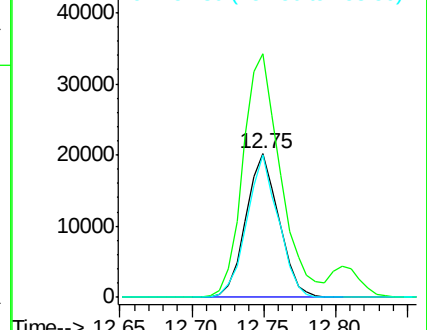
158 94.5 49.0 147.2



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: 10.451 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016183.D

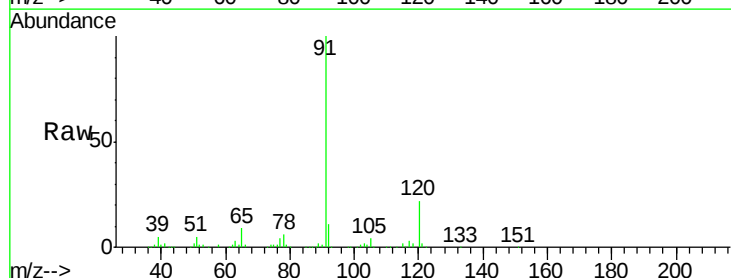
Acq: 14 Aug 2020 10:14

Tgt Ion: 91 Resp: 173325

Ion Ratio Lower Upper

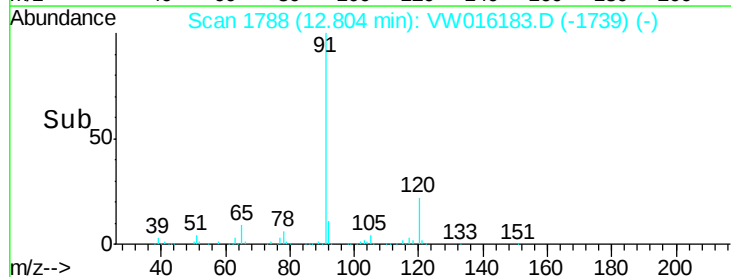
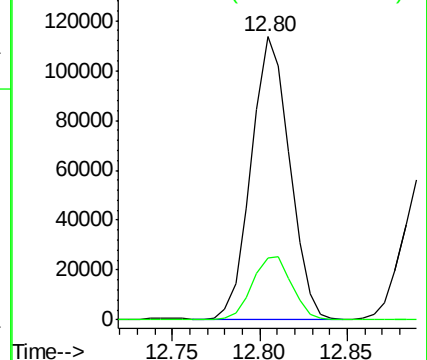
91 100

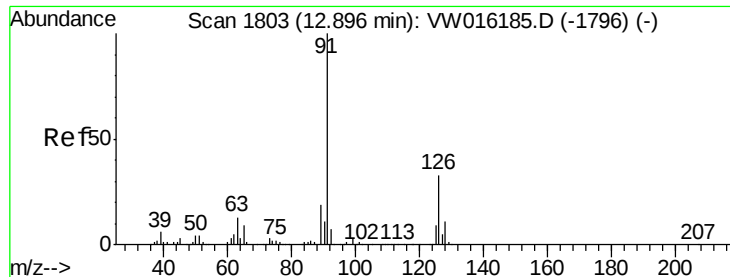
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

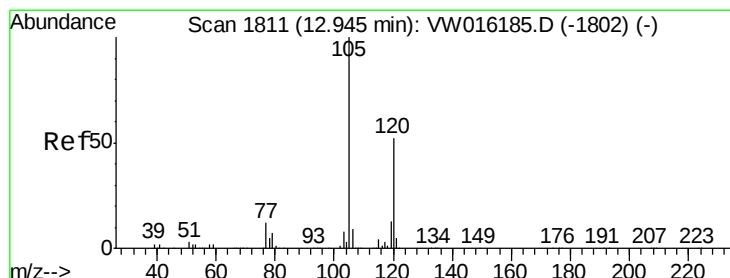
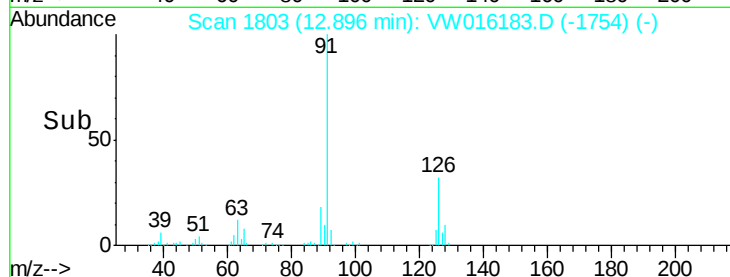
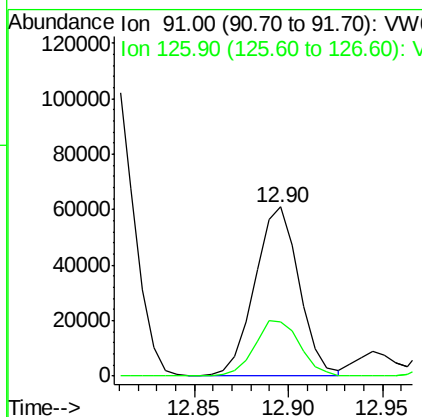
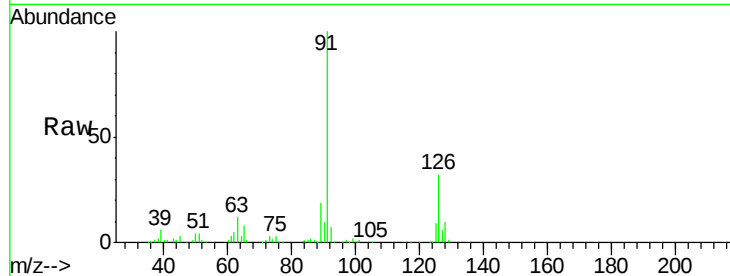




#79
 2-Chlorotoluene
 Concen: 10.429 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

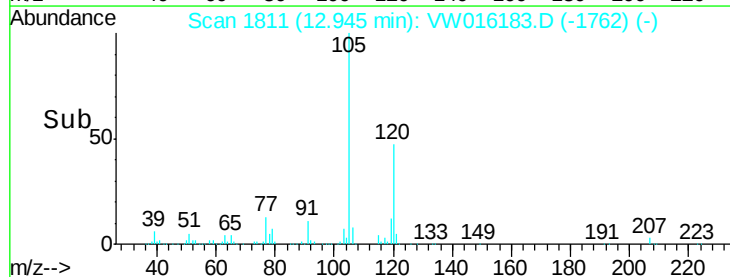
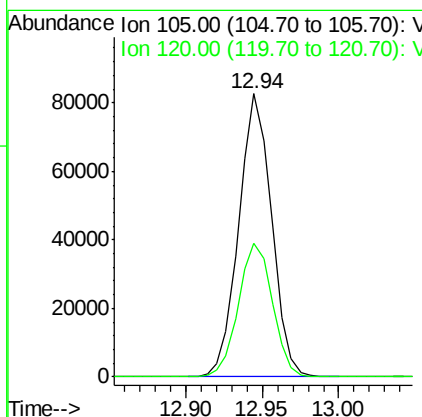
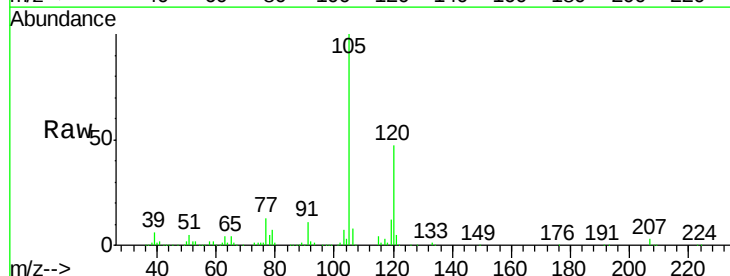
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

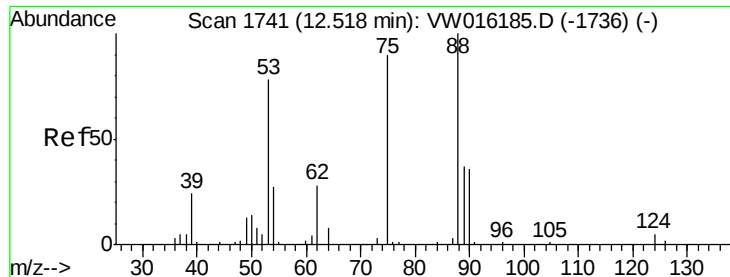
Tgt Ion: 91 Resp: 98767
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 10.502 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 105 Resp: 122998
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.1 75.2

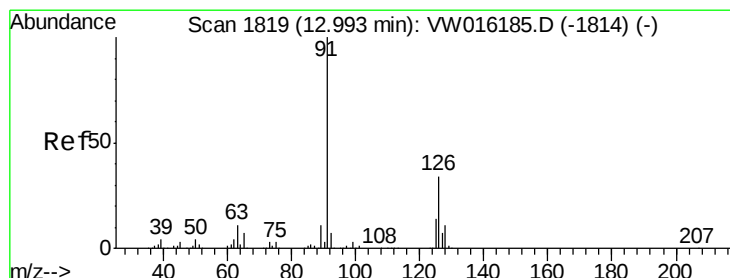
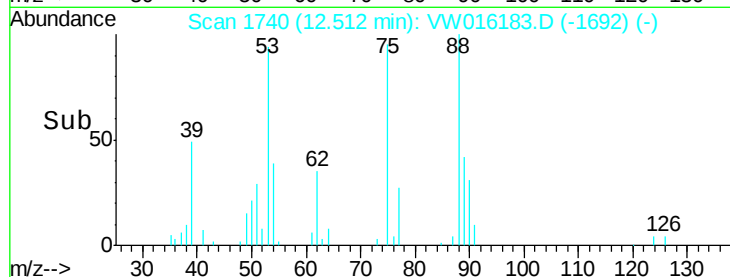
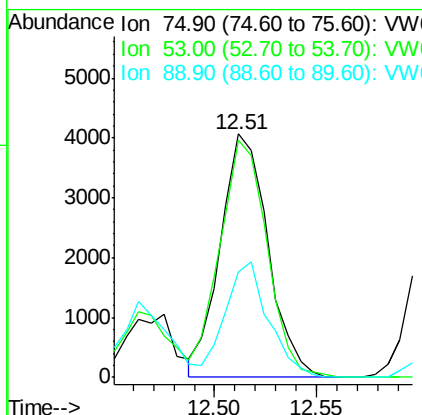
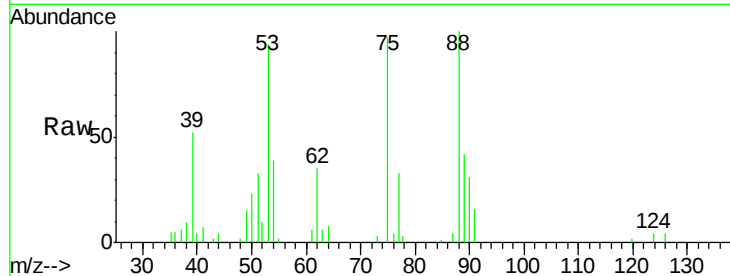




#81
trans-1,4-Dichloro-2-butene
Concen: 9.669 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

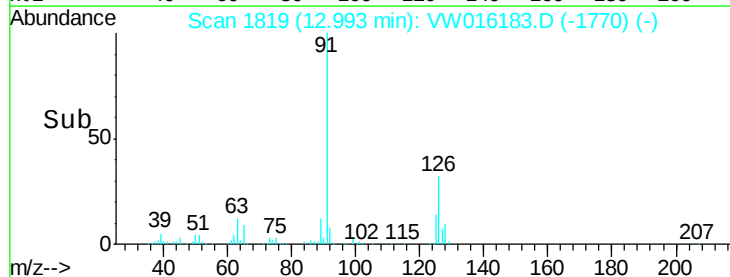
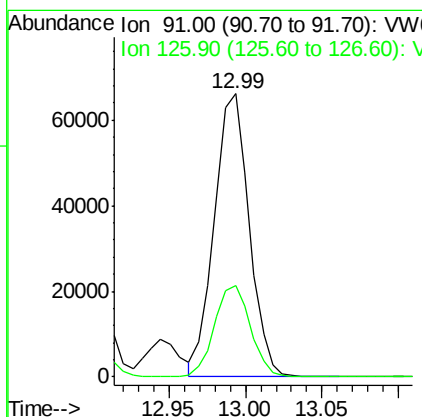
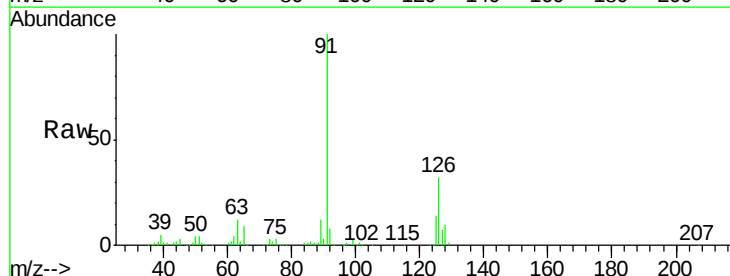
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

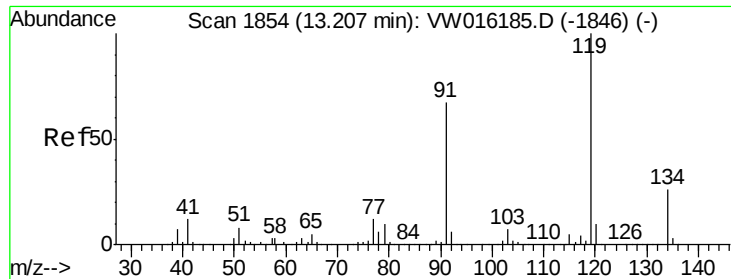
Tgt Ion: 75 Resp: 6566
Ion Ratio Lower Upper
75 100
53 96.8 74.6 111.8
89 42.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 10.554 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 91 Resp: 104548
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8

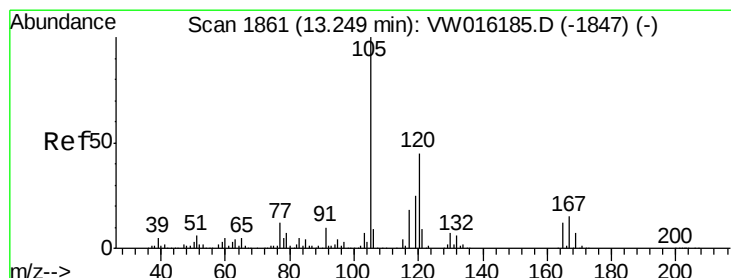
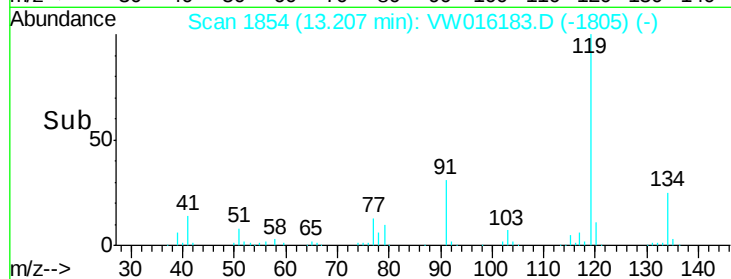
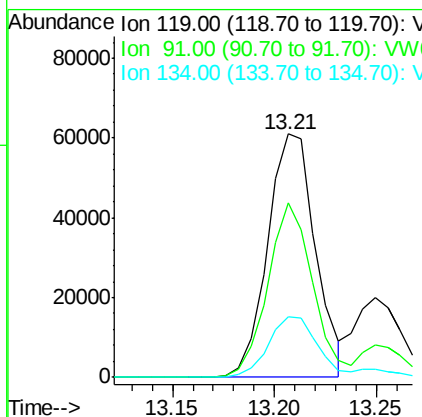
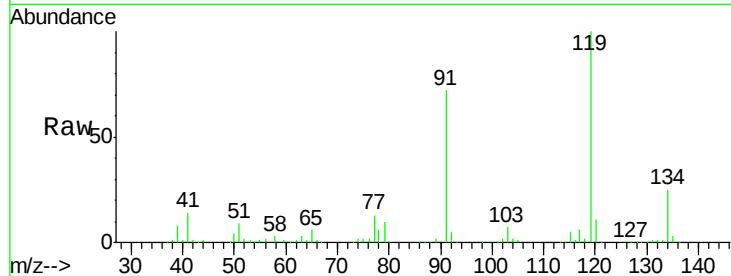




#83
tert-Butylbenzene
Concen: 10.278 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

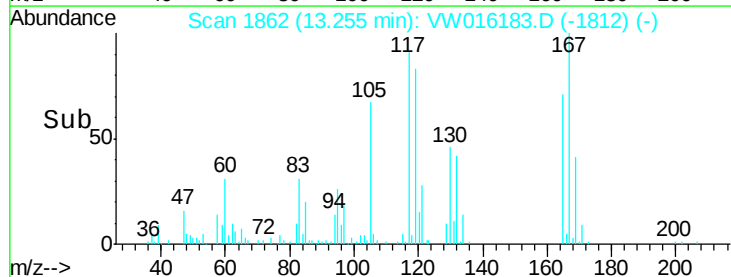
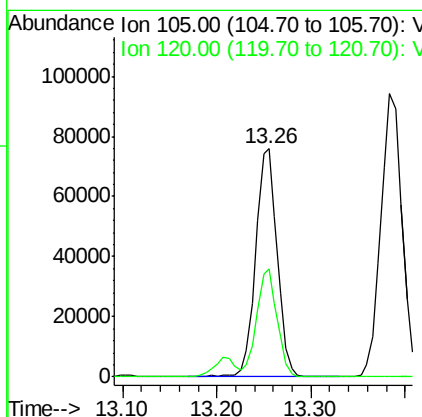
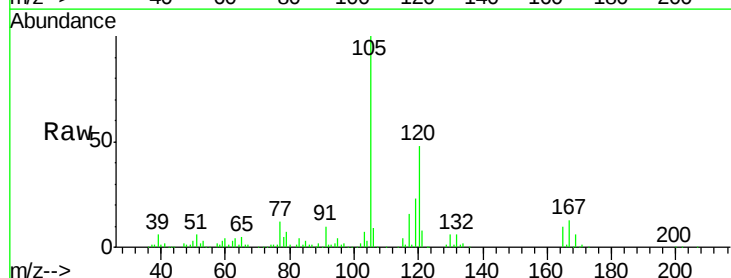
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

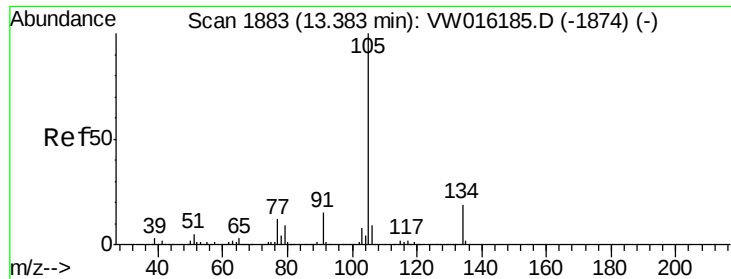
Tgt Ion:119 Resp: 99728
Ion Ratio Lower Upper
119 100
91 67.6 33.3 99.9
134 25.3 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 10.483 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion:105 Resp: 122579
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6

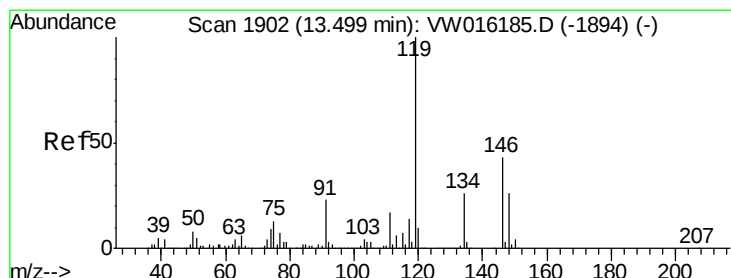
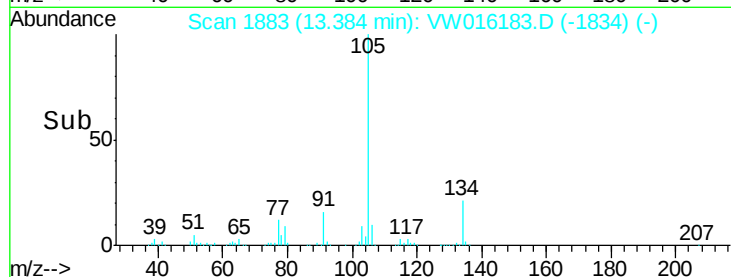
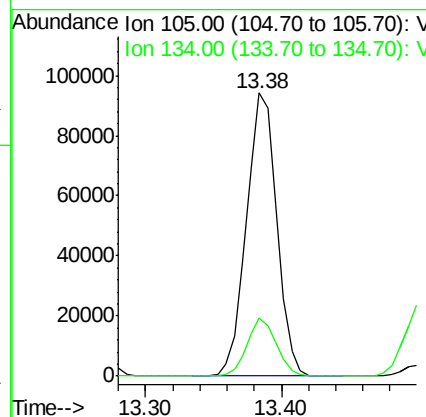
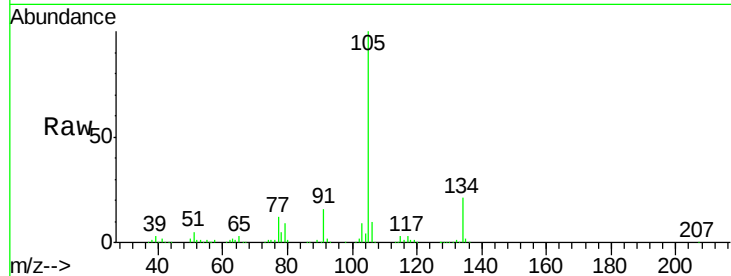




#85
 sec-Butylbenzene
 Concen: 10.513 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

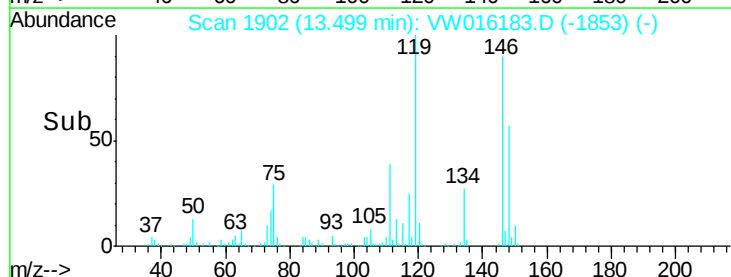
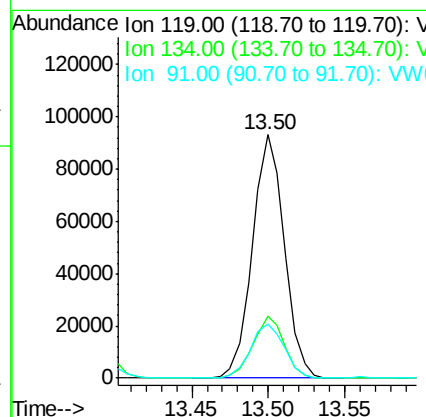
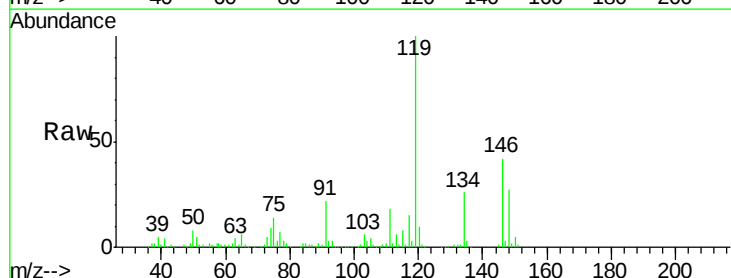
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

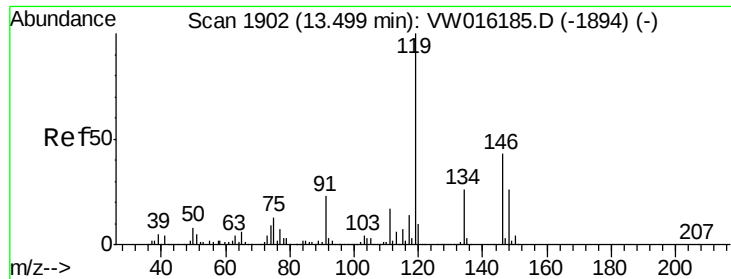
Tgt Ion:105 Resp: 147423
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 10.497 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion:119 Resp: 134428
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.4
 91 23.5 11.8 35.3

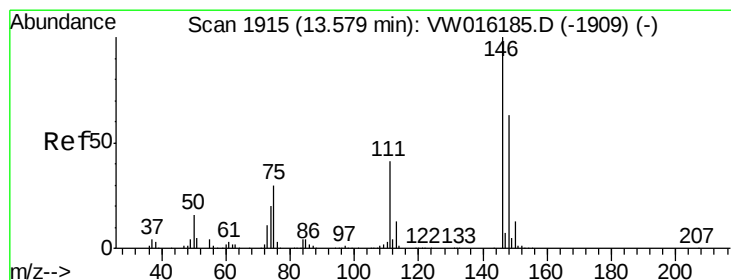
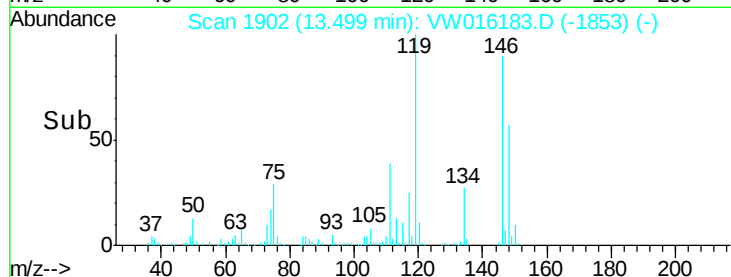
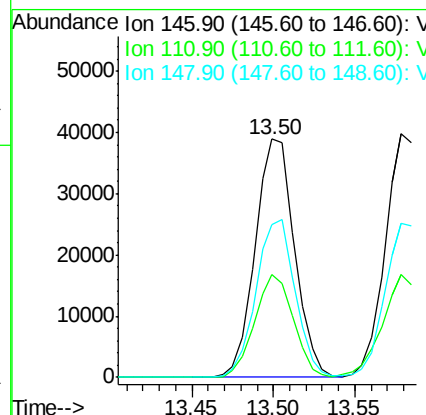
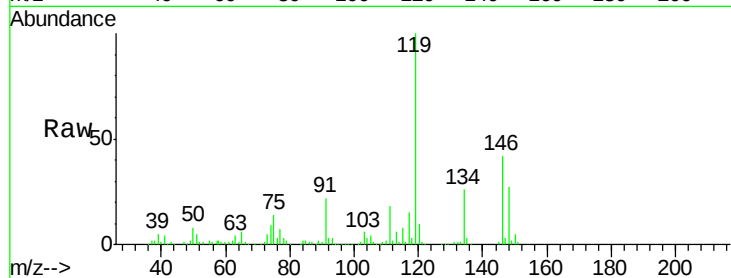




#87
 1,3-Dichlorobenzene
 Concen: 10.555 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

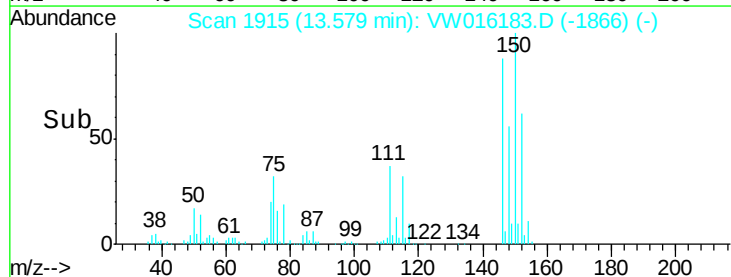
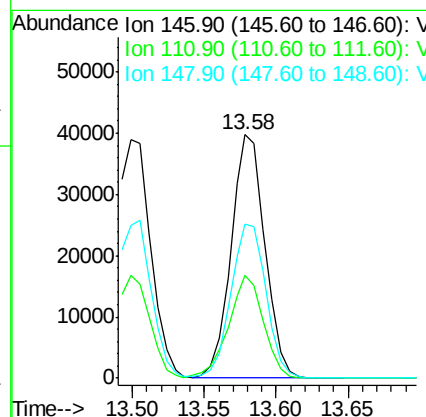
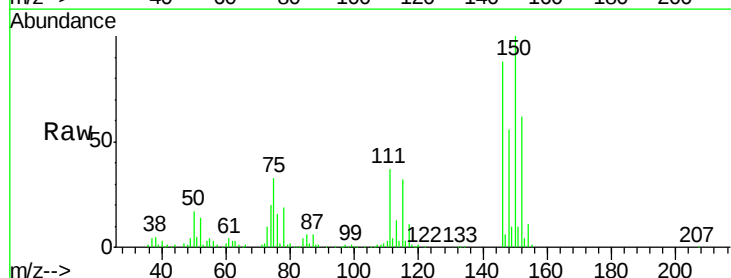
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

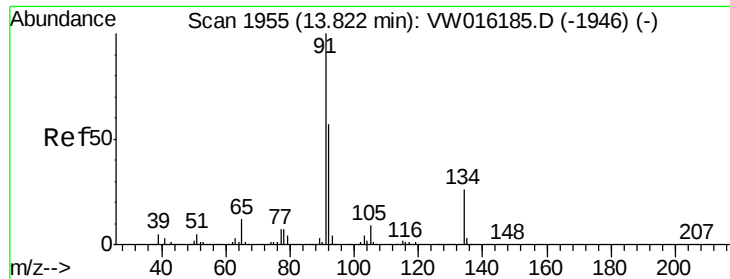
Tgt Ion:146 Resp: 65019
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.5
 148 65.9 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 10.832 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion:146 Resp: 65191
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.8 62.2
 148 65.7 32.1 96.3





#89

n-Butylbenzene

Concen: 10.042 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

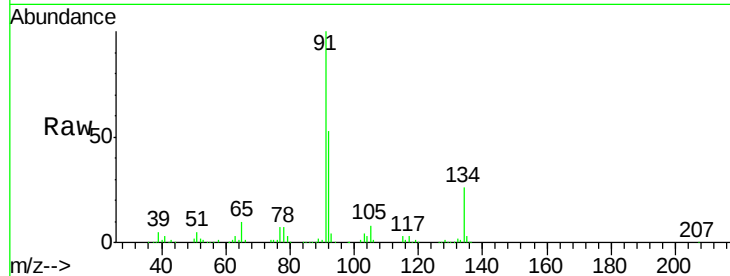
Tgt Ion: 91 Resp: 122066

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.2

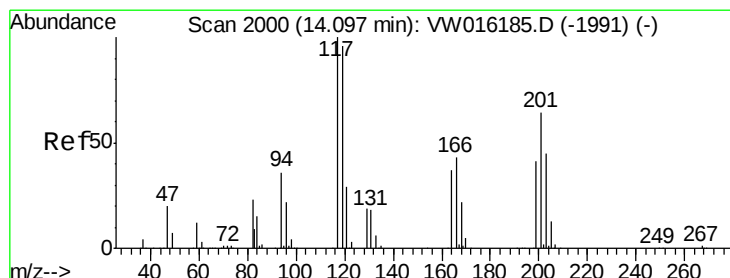
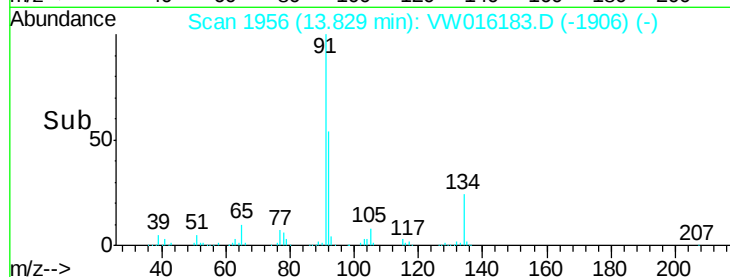
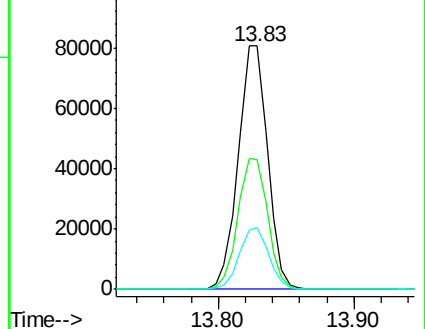
134 25.4 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 10.859 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016183.D

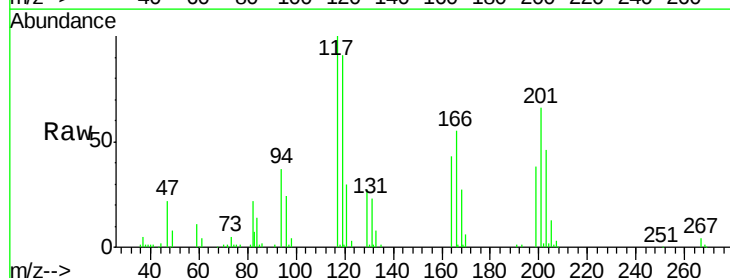
Acq: 14 Aug 2020 10:14

Tgt Ion: 117 Resp: 25114

Ion Ratio Lower Upper

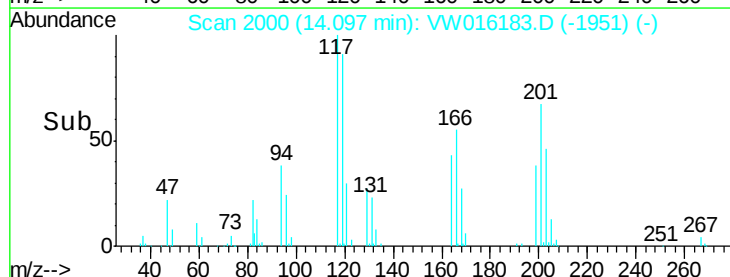
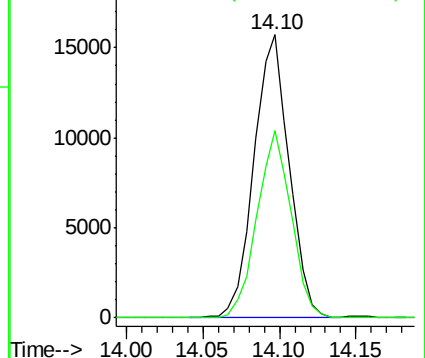
117 100

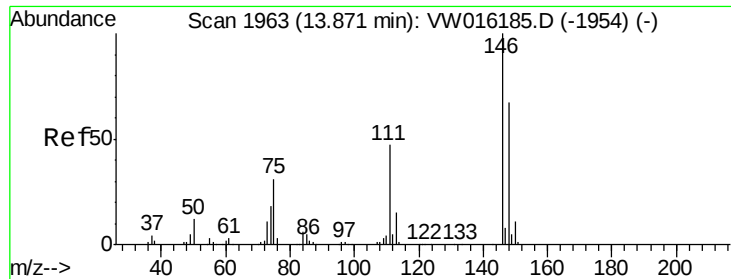
201 64.3 33.8 101.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

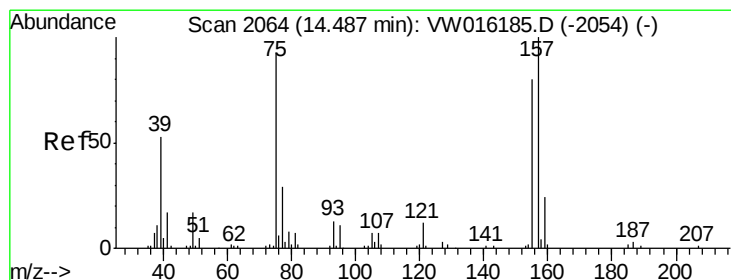
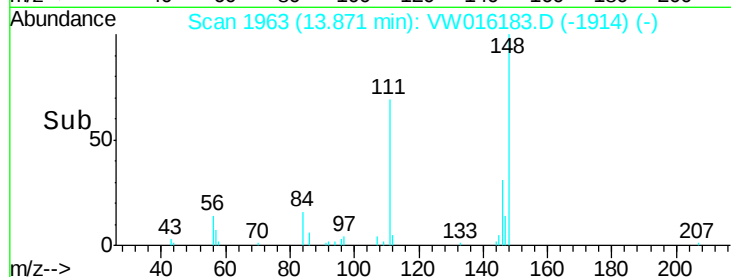
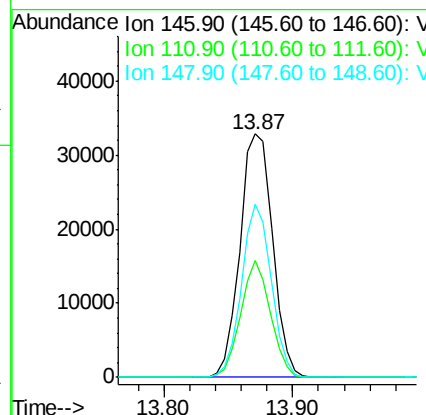
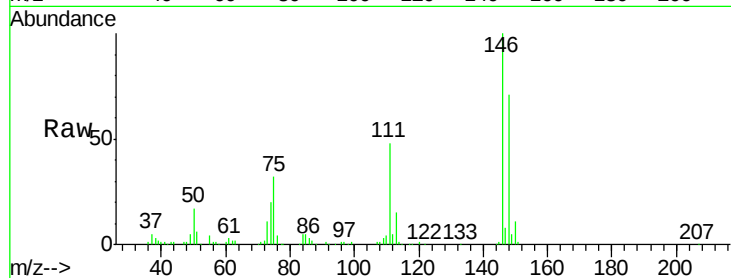




#91
 1,2-Dichlorobenzene
 Concen: 10.840 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

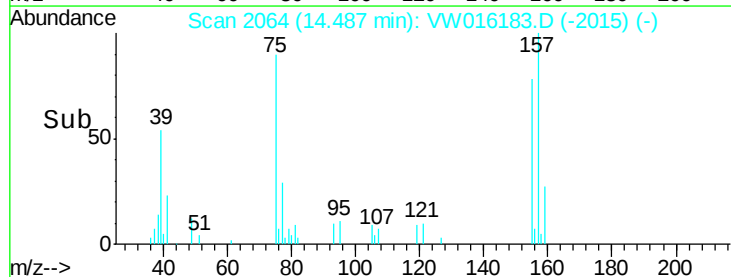
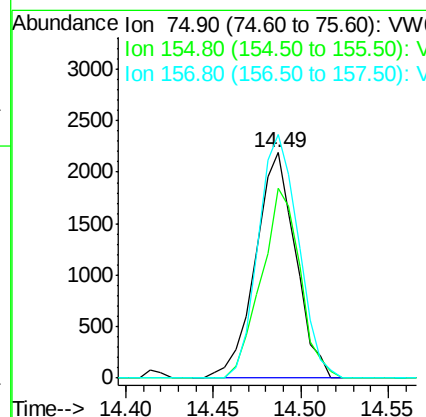
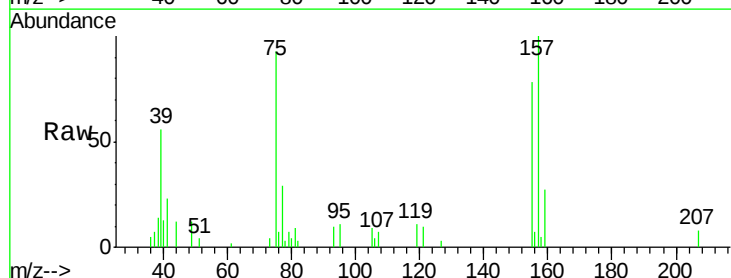
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

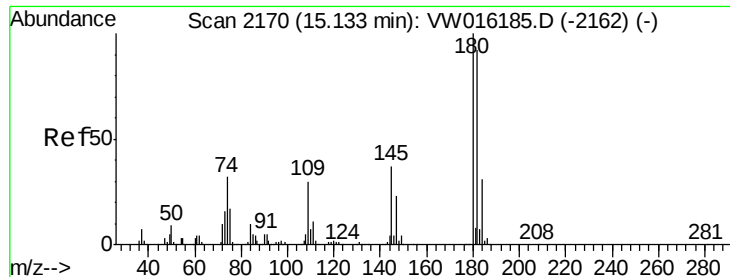
Tgt Ion:146 Resp: 57518
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.8
 148 64.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.573 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 75 Resp: 3497
 Ion Ratio Lower Upper
 75 100
 155 81.3 41.3 124.1
 157 107.8 53.0 159.0

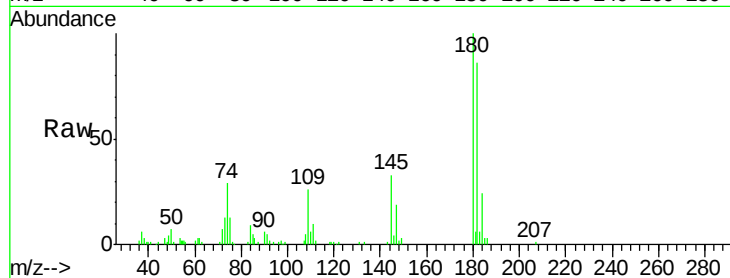




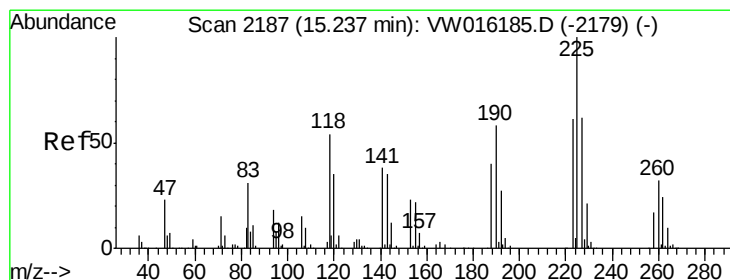
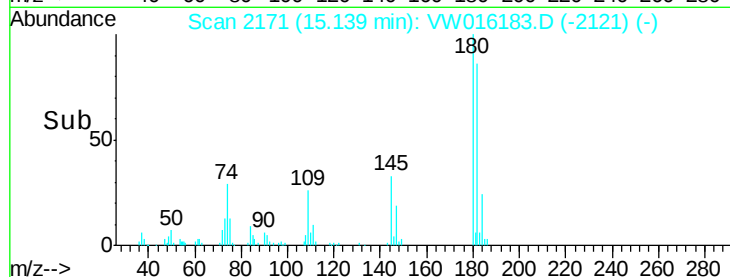
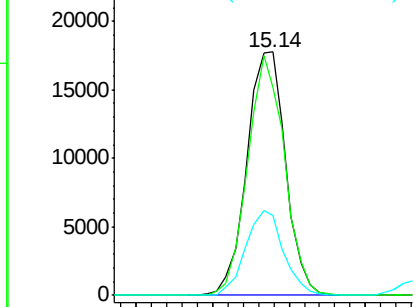
#93
 1,2,4-Trichlorobenzene
 Concen: 9.398 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 31363
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.0 138.0
 145 33.9 16.9 50.7

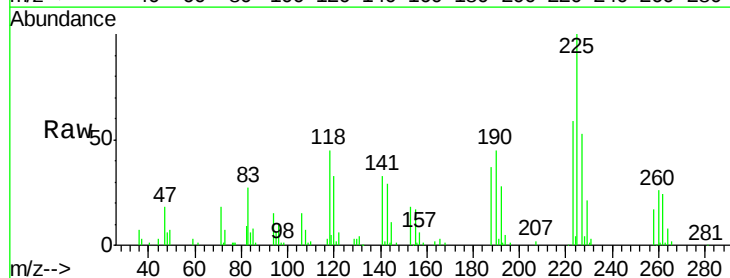


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

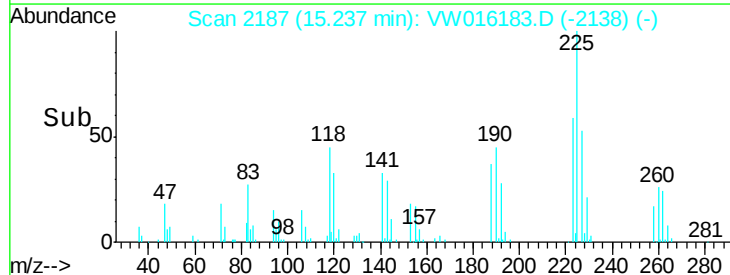
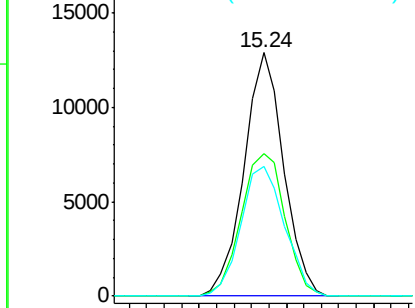


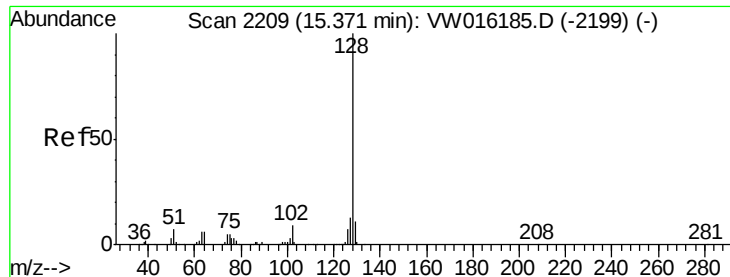
#94
 Hexachlorobutadiene
 Concen: 9.775 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion:225 Resp: 20349
 Ion Ratio Lower Upper
 225 100
 223 64.9 33.0 99.0
 227 58.7 32.0 96.2



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

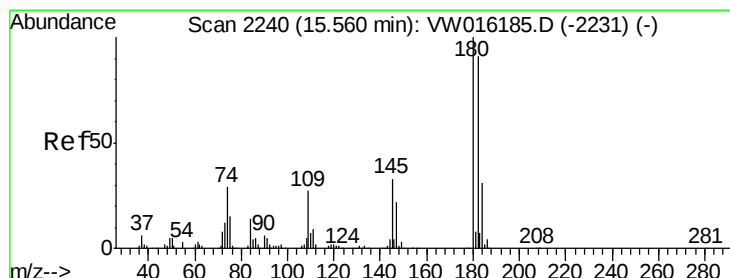
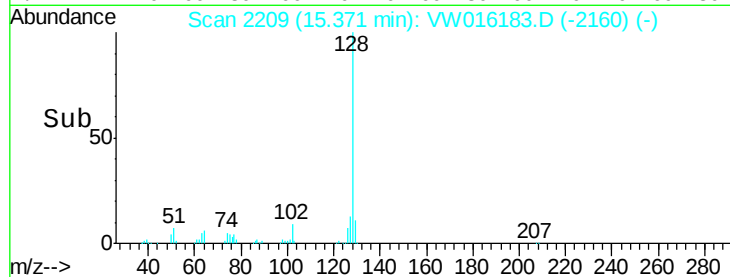
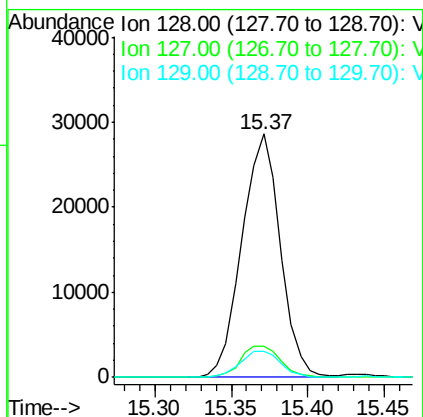
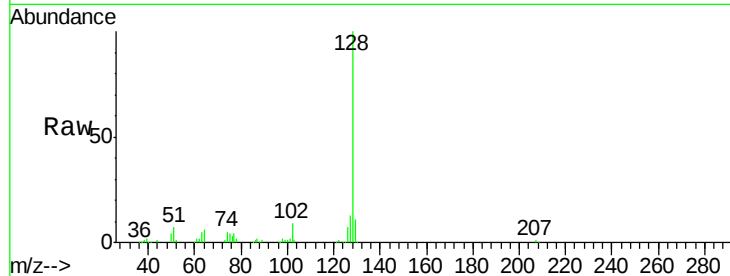




#95
Naphthalene
Concen: 8.725 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 50010
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.436 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion:180 Resp: 27112
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 36.8 17.4 52.3

