

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018956.D
 Acq On : 19 Oct 2020 16:51
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 19 18:07:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	86748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	156336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	139975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	64487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	6820	5.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.50%	
35) Dibromofluoromethane	5.46	113	5319	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	8.70	98	20779	5.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.64%	
62) 4-Bromofluorobenzene	11.12	95	7451	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	3862	3.844	ug/l 99
3) Chloromethane	1.31	50	4649	4.334	ug/l 98
4) Vinyl Chloride	1.39	62	6001	5.375	ug/l 96
5) Bromomethane	1.62	94	6575	10.553	ug/l 95
6) Chloroethane	1.70	64	4478	7.042	ug/l 99
7) Trichlorofluoromethane	1.92	101	10273	6.482	ug/l 99
8) Diethyl Ether	2.17	74	4122	7.393	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5772	6.690	ug/l 97
10) Methyl Iodide	2.49	142	4327	5.385	ug/l 99
11) Tert butyl alcohol	3.01	59	7682	32.019	ug/l 100
12) 1,1-Dichloroethene	2.36	96	6077	6.750	ug/l 97
13) Acrolein	2.27	56	5178	46.361	ug/l 97
14) Allyl chloride	2.70	41	7494	5.063	ug/l 96
15) Acrylonitrile	3.11	53	12586	24.033	ug/l 99
16) Acetone	2.42	43	13990	30.033	ug/l 98
17) Carbon Disulfide	2.54	76	13670	5.324	ug/l 98
18) Methyl Acetate	2.75	43	5214	4.652	ug/l 96
19) Methyl tert-butyl Ether	3.17	73	15597	5.369	ug/l 98
20) Methylene Chloride	2.83	84	5685	5.358	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	5350	5.596	ug/l 99
22) Diisopropyl ether	3.82	45	13596	4.644	ug/l 93
23) Vinyl Acetate	3.78	43	64585	24.535	ug/l 96
24) 1,1-Dichloroethane	3.67	63	9319	5.430	ug/l 98
25) 2-Butanone	4.64	43	18448	24.217	ug/l 97
26) 2,2-Dichloropropane	4.54	77	8836	6.151	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	6144	5.536	ug/l 97
28) Bromochloromethane	4.98	49	4148	5.081	ug/l # 91
29) Tetrahydrofuran	5.09	42	10864	22.724	ug/l 97
30) Chloroform	5.17	83	10071	5.611	ug/l 93
31) Cyclohexane	5.54	56	7569	5.286	ug/l 91
32) 1,1,1-Trichloroethane	5.45	97	8728	5.299	ug/l 94
36) 1,1-Dichloropropene	5.76	75	7839	5.444	ug/l 99
37) Ethyl Acetate	4.79	43	7488	4.587	ug/l 98
38) Carbon Tetrachloride	5.74	117	7790	4.850	ug/l 92

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 Data File : VX018956.D
 Acq On : 19 Oct 2020 16:51
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 19 18:07:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	8177	5.200	ug/l	95
40) Benzene	6.10	78	22221	5.226	ug/l	99
41) Methacrylonitrile	5.01	41	3845	4.312	ug/l	96
42) 1,2-Dichloroethane	6.16	62	7913	4.937	ug/l	99
43) Isopropyl Acetate	6.41	43	12617	4.785	ug/l	97
44) Trichloroethene	7.19	130	5979	5.033	ug/l	94
45) 1,2-Dichloropropane	7.48	63	5500	4.898	ug/l	100
46) Dibromomethane	7.63	93	3778	4.737	ug/l	98
47) Bromodichloromethane	7.87	83	7854	4.945	ug/l	96
48) Methyl methacrylate	7.74	41	5808	4.469	ug/l	93
49) 1,4-Dioxane	7.71	88	2568	105.728	ug/l #	85
51) 4-Methyl-2-Pentanone	8.62	43	36091	22.316	ug/l	97
52) Toluene	8.76	92	14107	5.203	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	8916	5.029	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	9477	5.057	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	5510	4.825	ug/l	96
56) Ethyl methacrylate	9.16	69	8543	5.024	ug/l	94
57) 1,3-Dichloropropane	9.35	76	9560	5.082	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	22753	28.898	ug/l	98
59) 2-Hexanone	9.47	43	27060	22.061	ug/l	97
60) Dibromochloromethane	9.57	129	5918	4.448	ug/l	97
61) 1,2-Dibromoethane	9.65	107	5966	4.812	ug/l	100
64) Tetrachloroethene	9.32	164	4850	4.763	ug/l	91
65) Chlorobenzene	10.12	112	15163	5.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	5323	4.863	ug/l	97
67) Ethyl Benzene	10.23	91	27131	5.675	ug/l	98
68) m/p-Xylenes	10.34	106	20461	11.415	ug/l	96
69) o-Xylene	10.68	106	9445	5.414	ug/l	91
70) Styrene	10.70	104	16326	5.530	ug/l	99
71) Bromoform	10.84	173	4024	4.330	ug/l #	98
73) Isopropylbenzene	11.00	105	25932	6.093	ug/l	98
74) N-amyl acetate	10.88	43	9992	5.205	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	8570	5.722	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	10357	7.306	ug/l	84
77) Bromobenzene	11.24	156	5843	5.014	ug/l	88
78) n-propylbenzene	11.34	91	29686	6.134	ug/l	99
79) 2-Chlorotoluene	11.40	91	17333	5.845	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	21732	6.190	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.05	75	3082	5.797	ug/l	94
82) 4-Chlorotoluene	11.49	91	20711	5.865	ug/l	97
83) tert-Butylbenzene	11.76	119	21220	6.087	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	21400	5.967	ug/l	98
85) sec-Butylbenzene	11.93	105	25726	6.472	ug/l	96
86) p-Isopropyltoluene	12.05	119	22430	6.171	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	11115	5.374	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	11450	5.496	ug/l	93
89) n-Butylbenzene	12.37	91	21195	6.361	ug/l	98
90) Hexachloroethane	12.58	117	3691	5.296	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	10544	5.397	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1913	5.165	ug/l	83

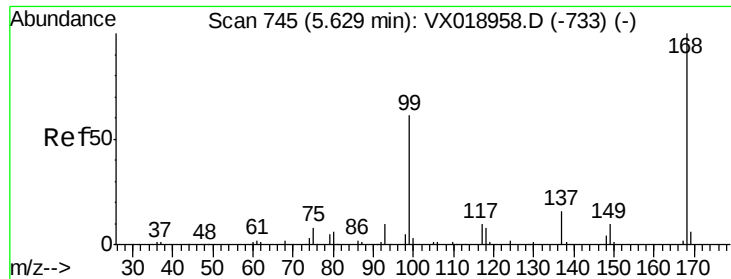
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
Data File : VX018956.D
Acq On : 19 Oct 2020 16:51
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 19 18:07:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	6912	5.305	ug/l	96
94) Hexachlorobutadiene	13.77	225	3195	6.137	ug/l	95
95) Naphthalene	13.82	128	24573	5.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	6964	5.399	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

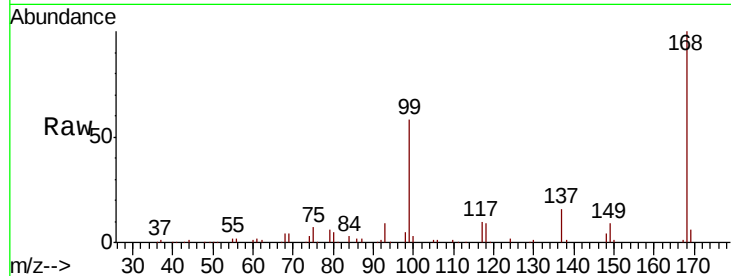
VSTDIC005

Tot Ion:168 Resp: 86748

Ion Ratio Lower Upper

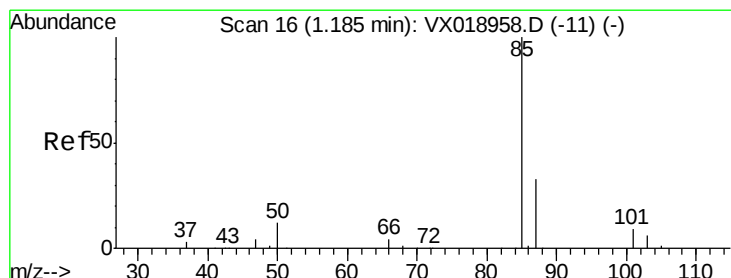
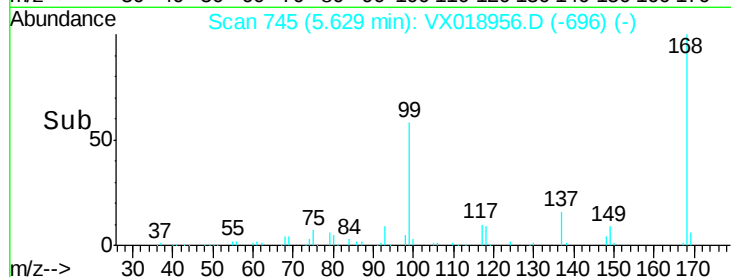
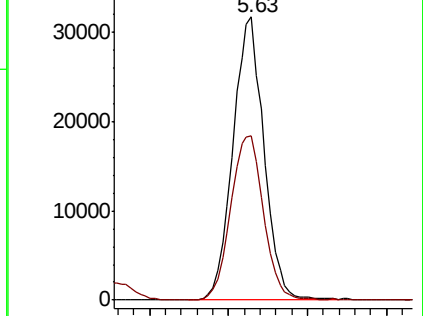
168 100

99 58.1 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.844 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018956.D

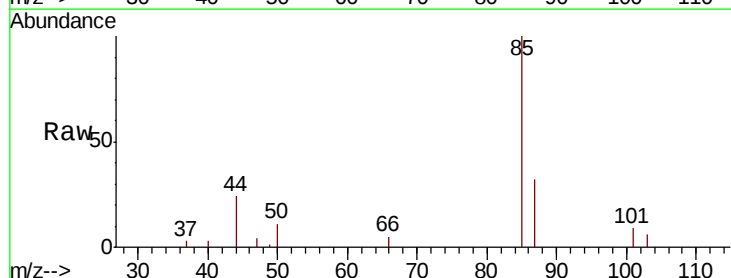
Acq: 19 Oct 2020 16:51

Tgt Ion: 85 Resp: 3862

Ion Ratio Lower Upper

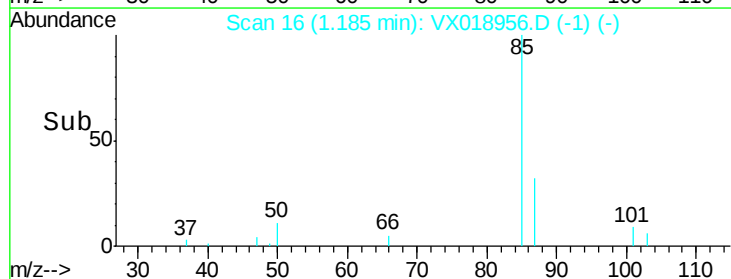
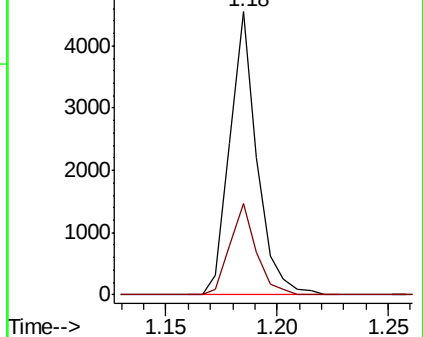
85 100

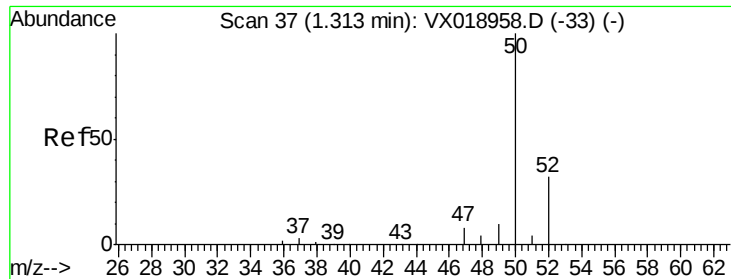
87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

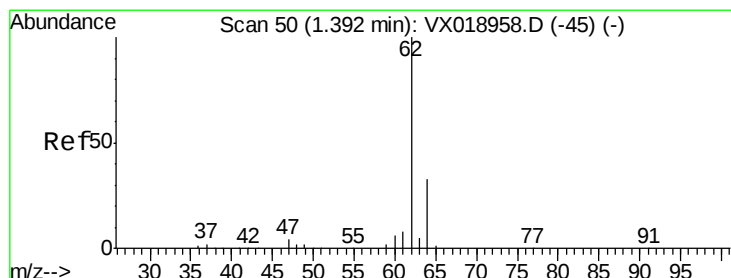
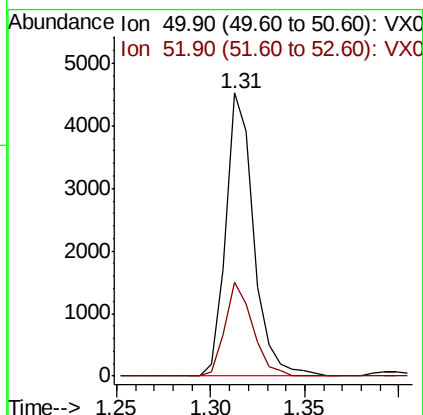
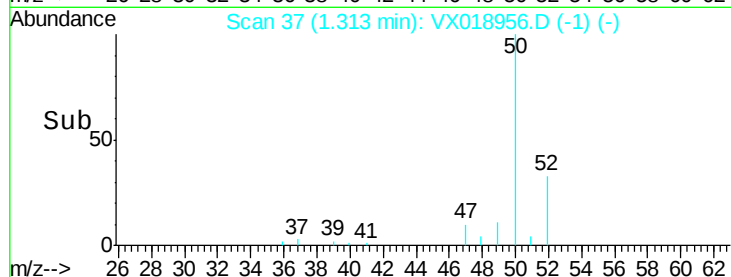
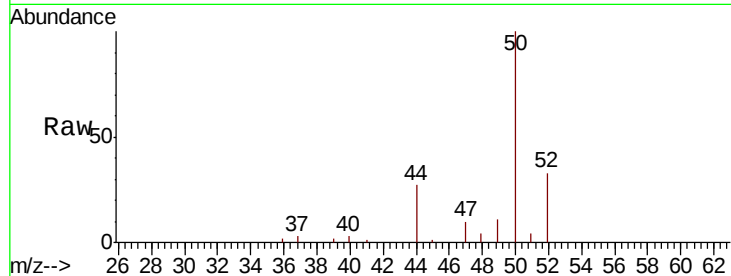




#3
Chloromethane
Concen: 4.334 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

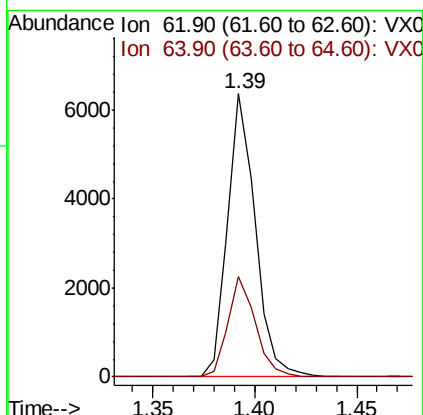
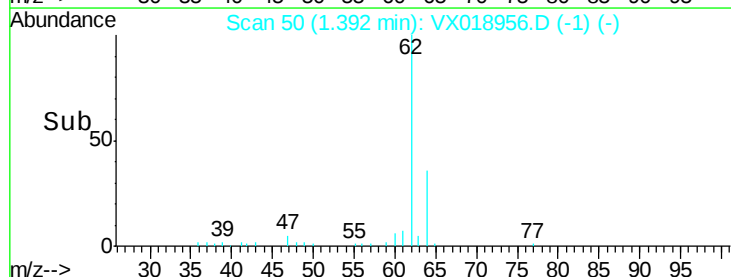
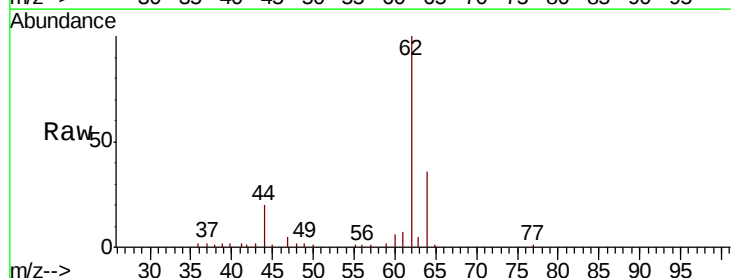
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

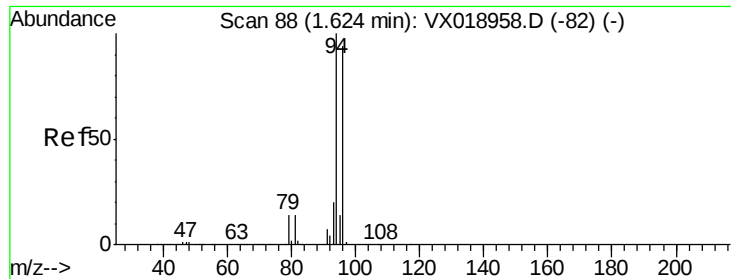
Tot Ion: 50 Resp: 4649
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9



#4
Vinyl Chloride
Concen: 5.375 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 62 Resp: 6001
Ion Ratio Lower Upper
62 100
64 35.6 26.7 40.1





#5

Bromomethane

Concen: 10.553 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

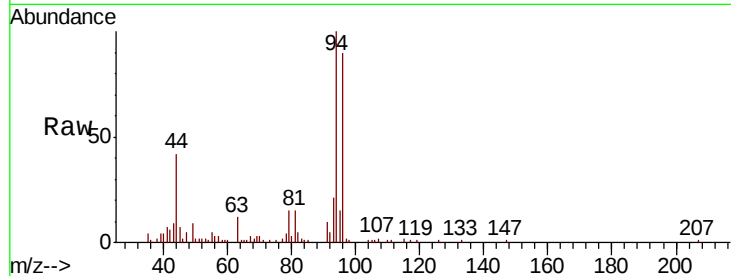
VSTDIC005

Tot Ion: 94 Resp: 6575

Ion Ratio Lower Upper

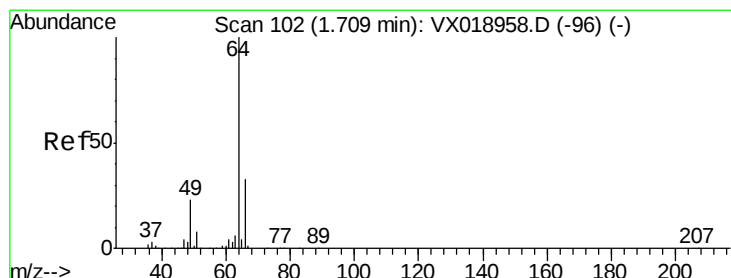
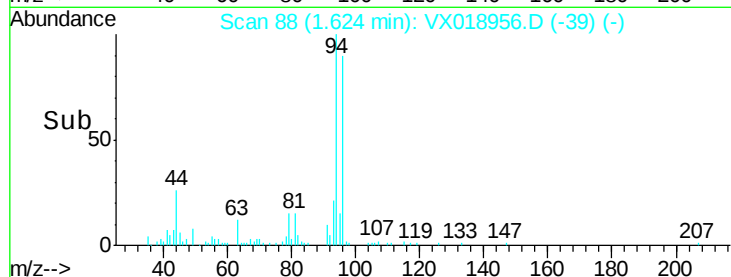
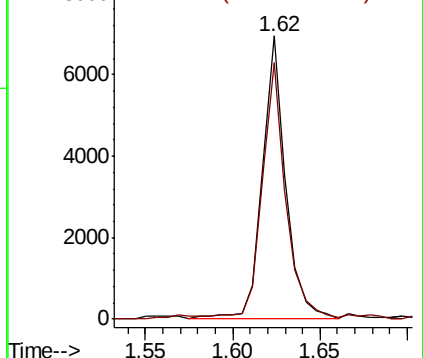
94 100

96 89.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 7.042 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018956.D

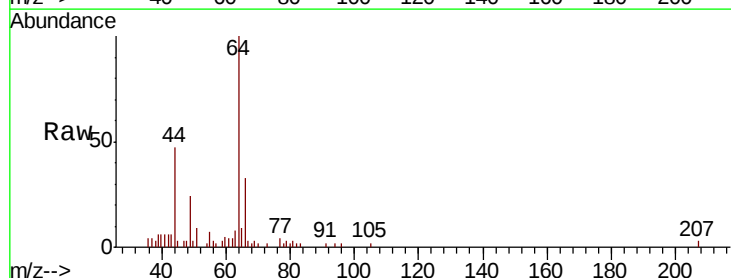
Acq: 19 Oct 2020 16:51

Tgt Ion: 64 Resp: 4478

Ion Ratio Lower Upper

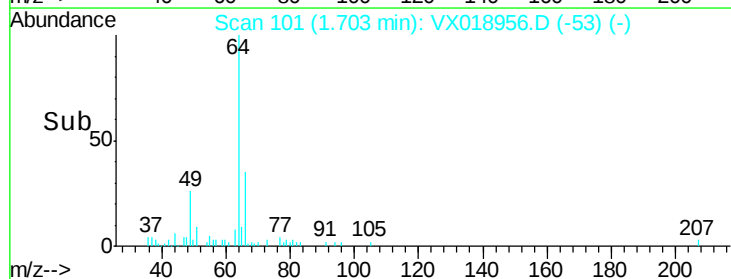
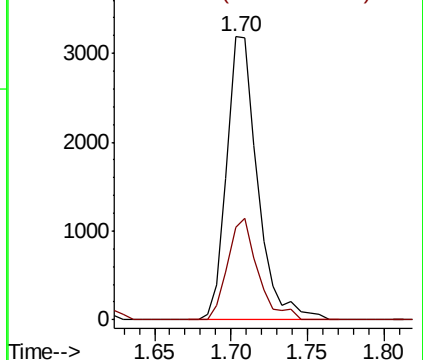
64 100

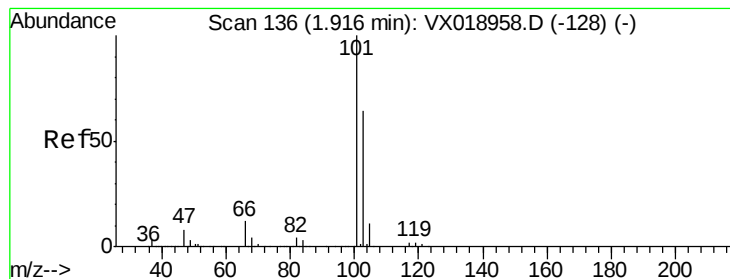
66 32.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



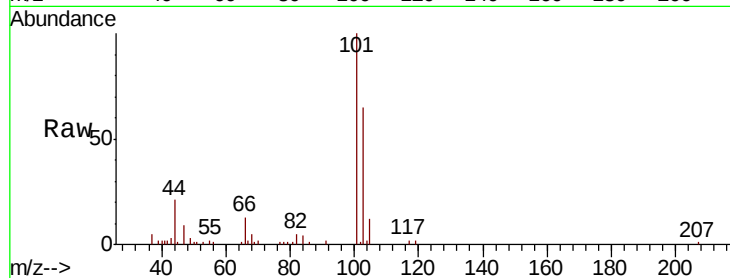


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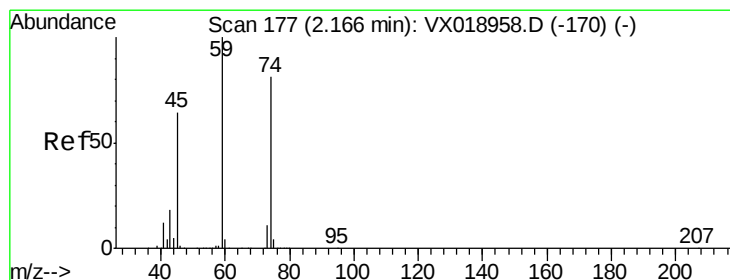
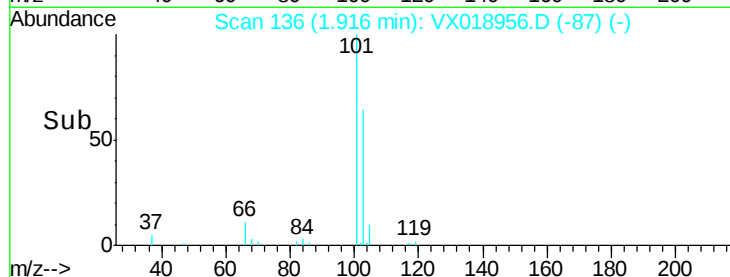
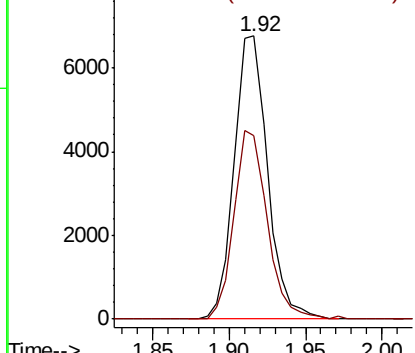
Trichlorofluoromethane
Concen: 6.482 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:101 Resp: 10273
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9



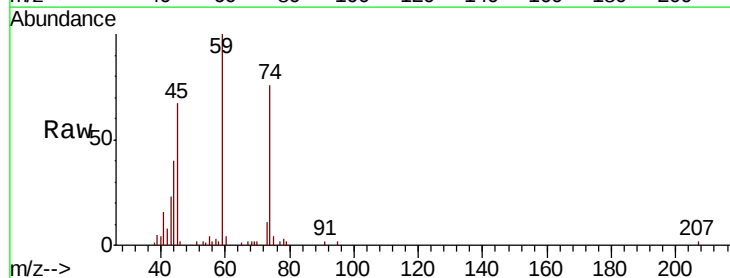
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



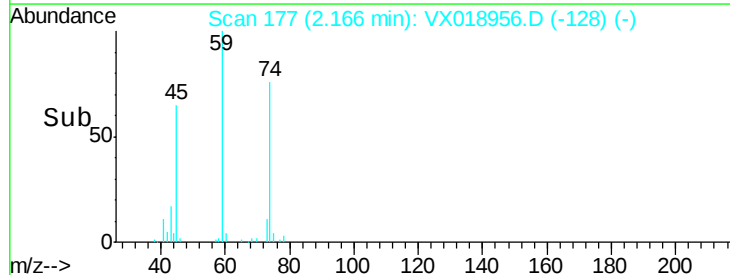
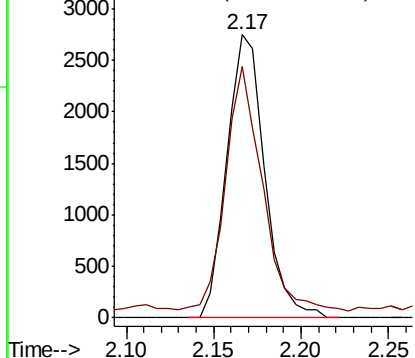
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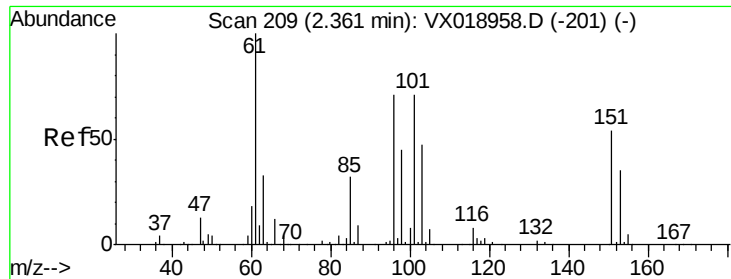
Diethyl Ether
Concen: 7.393 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 74 Resp: 4122
Ion Ratio Lower Upper
74 100
45 83.5 39.1 117.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.690 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

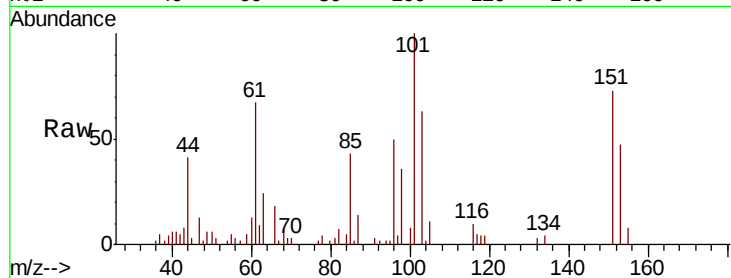
Tot Ion:101 Resp: 5772

Ion Ratio Lower Upper

101 100

85 46.4 35.1 52.7

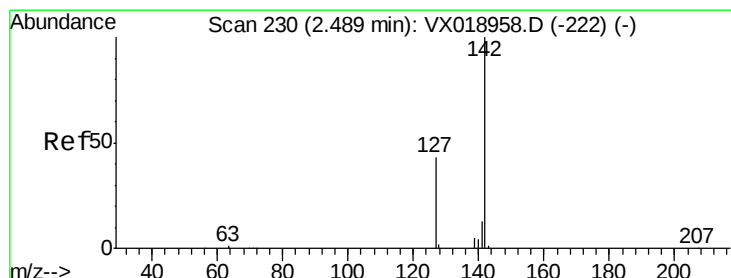
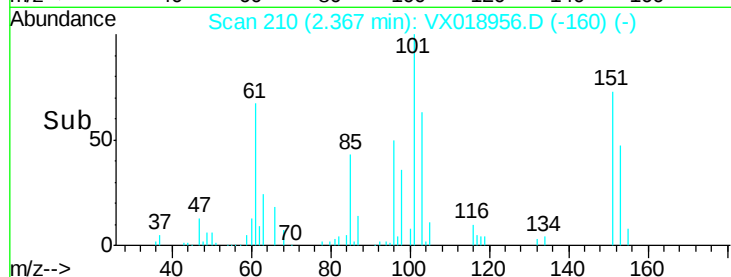
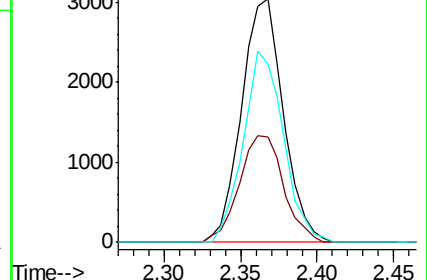
151 75.8 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.385 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

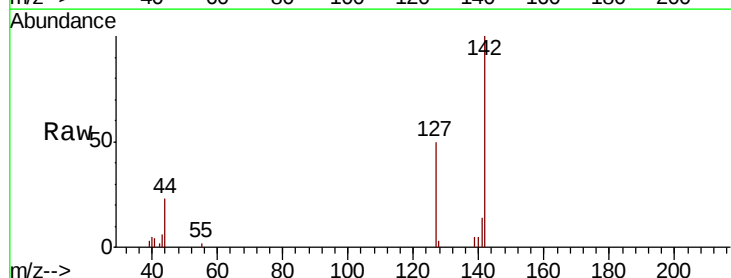
Tgt Ion:142 Resp: 4327

Ion Ratio Lower Upper

142 100

127 45.5 35.9 53.9

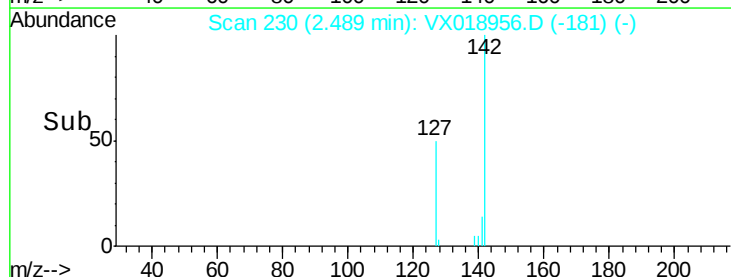
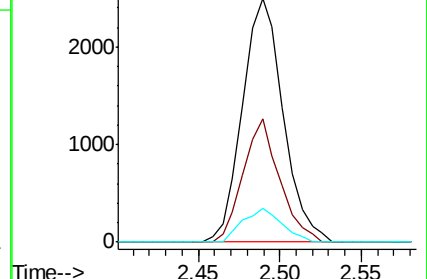
141 13.4 11.6 17.4

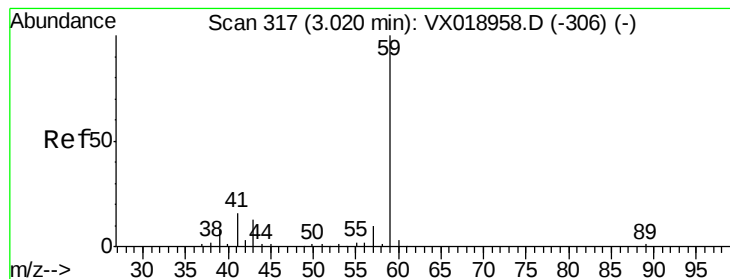


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



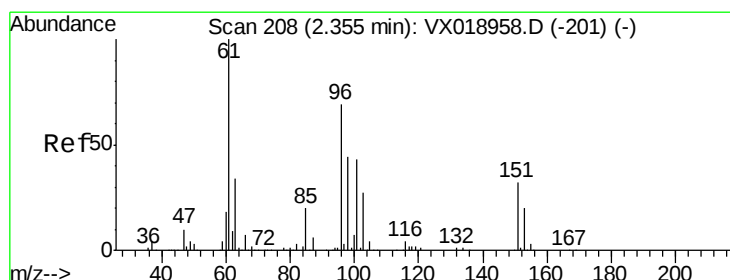
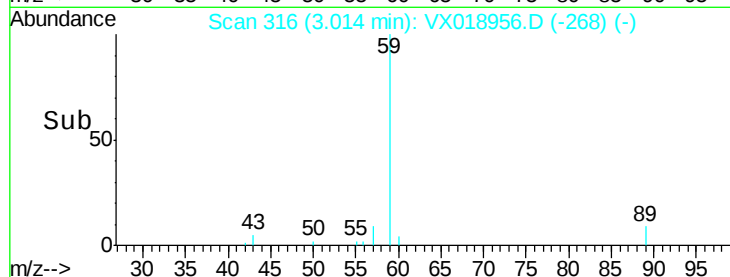
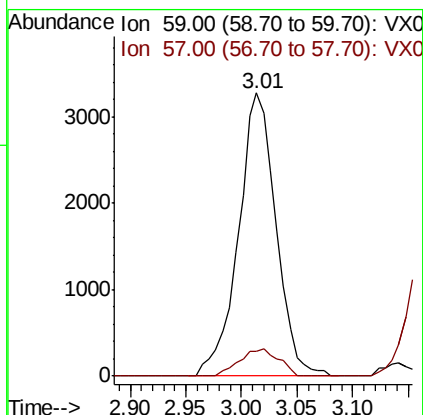
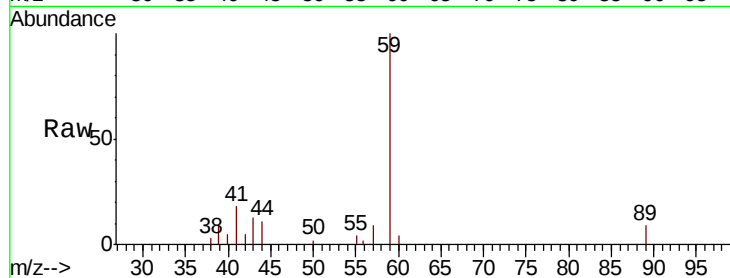


#11

Tert butyl alcohol
Concen: 32.019 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

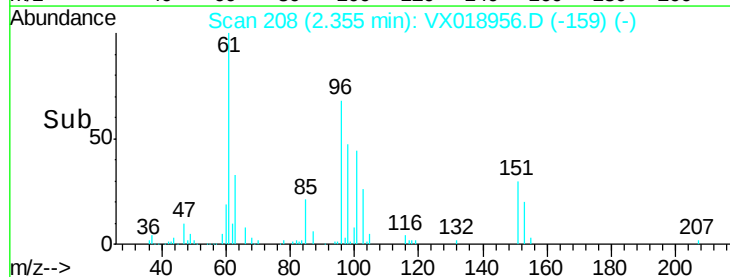
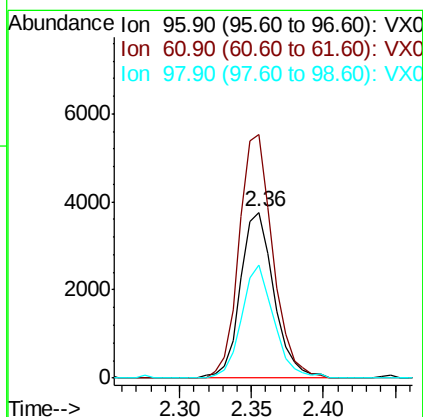
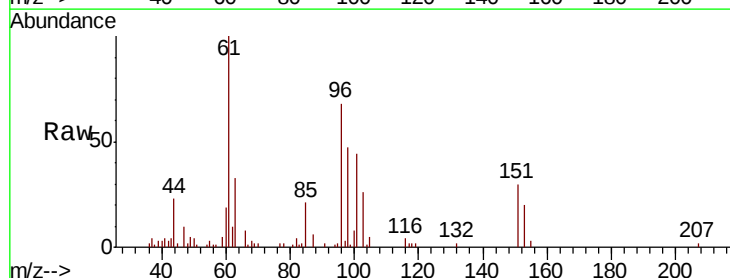
Tot Ion: 59 Resp: 7682
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

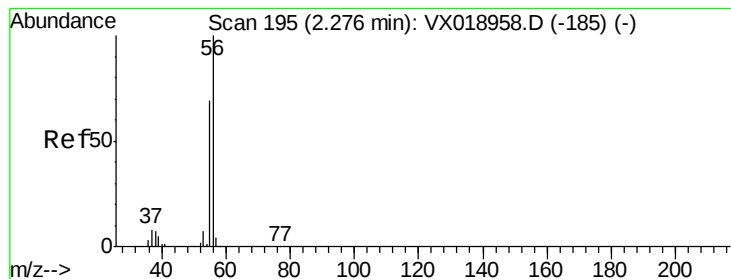


#12

1,1-Dichloroethene
Concen: 6.750 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 96 Resp: 6077
Ion Ratio Lower Upper
96 100
61 147.0 116.2 174.2
98 68.4 50.9 76.3





#13

Acrolein

Concen: 46.361 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

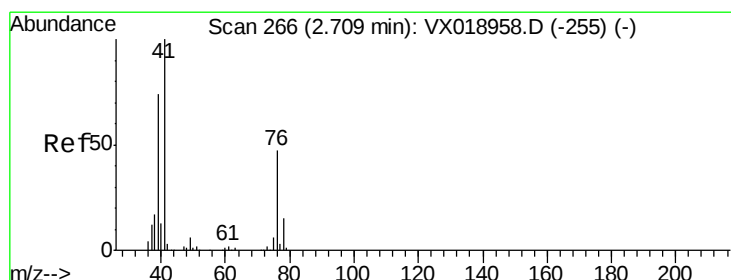
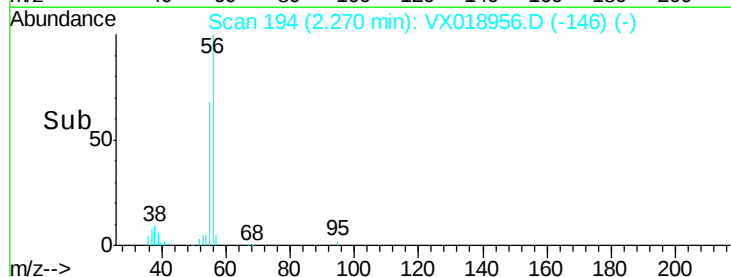
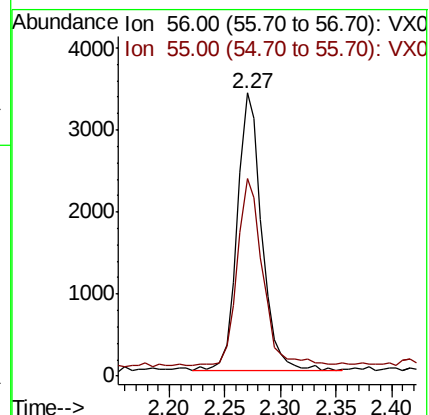
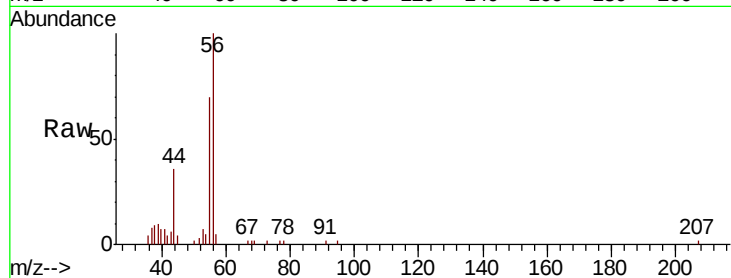
VSTDIC005

Tot Ion: 56 Resp: 5178

Ion Ratio Lower Upper

56 100

55 68.0 56.2 84.2



#14

Allyl chloride

Concen: 5.063 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

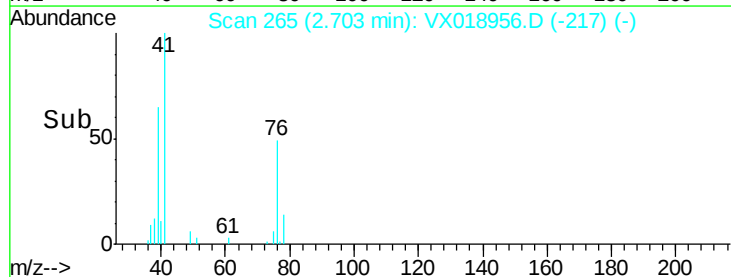
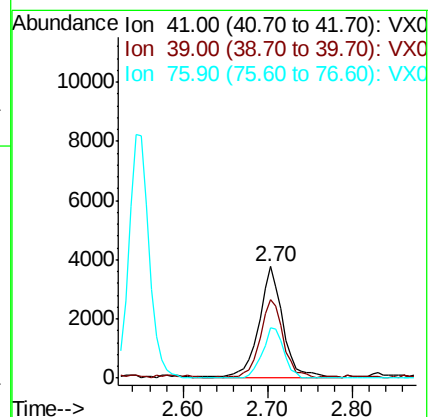
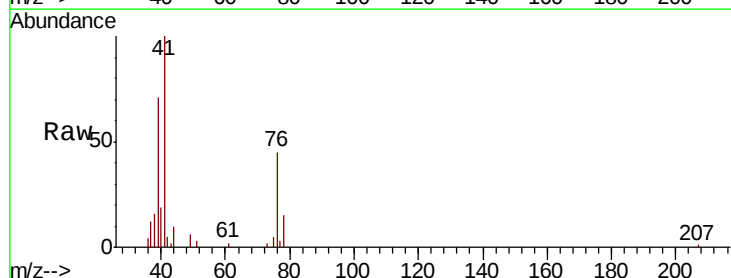
Tgt Ion: 41 Resp: 7494

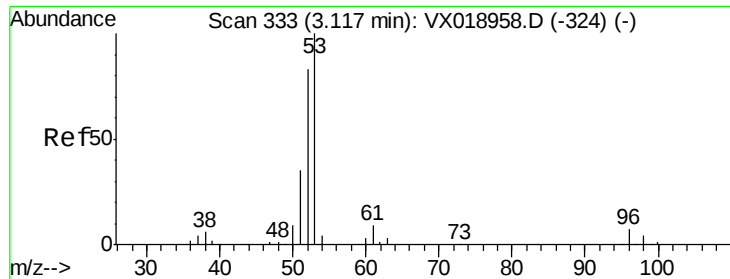
Ion Ratio Lower Upper

41 100

39 67.0 55.4 83.2

76 39.0 34.1 51.1





#15

Acrylonitrile

Concen: 24.033 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

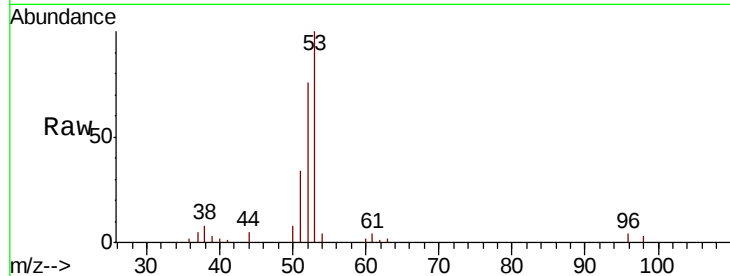
Tot Ion: 53 Resp: 12586

Ion Ratio Lower Upper

53 100

52 80.6 65.3 97.9

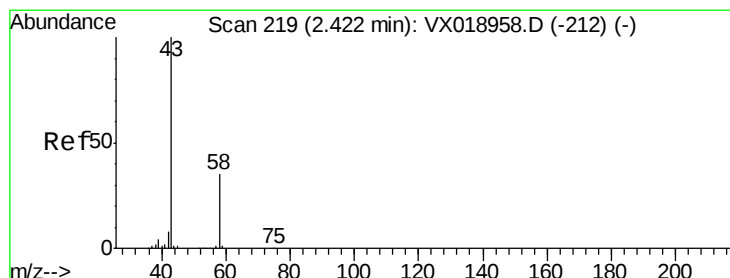
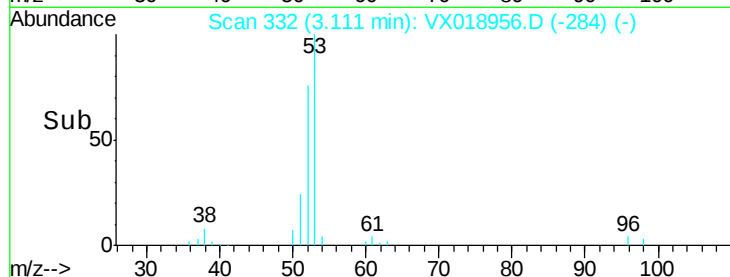
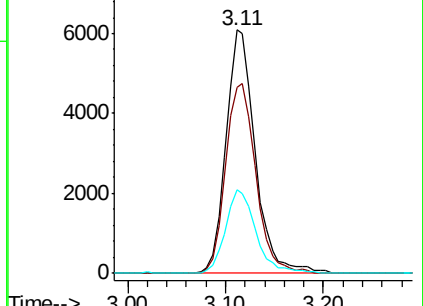
51 35.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 30.033 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018956.D

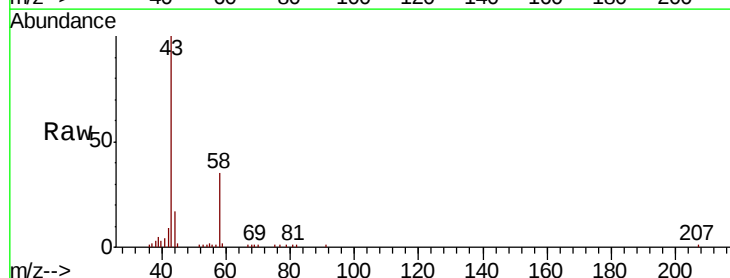
Acq: 19 Oct 2020 16:51

Tgt Ion: 43 Resp: 13990

Ion Ratio Lower Upper

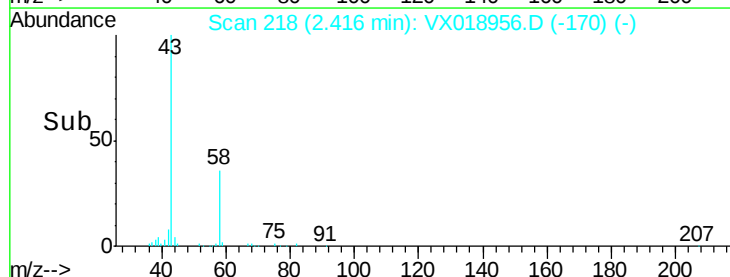
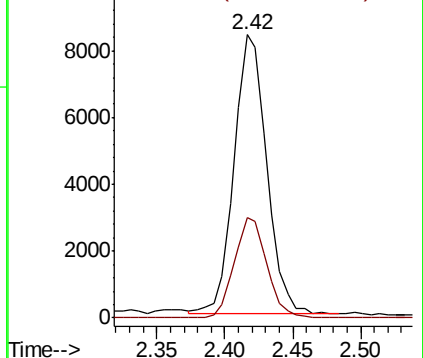
43 100

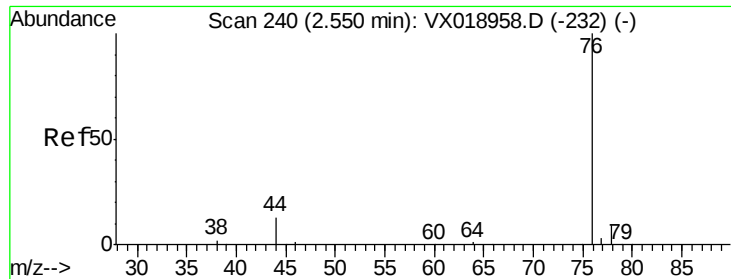
58 35.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

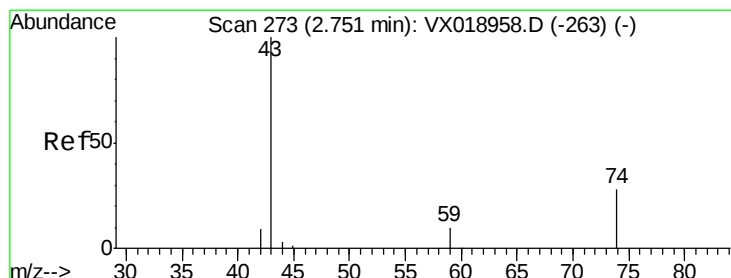
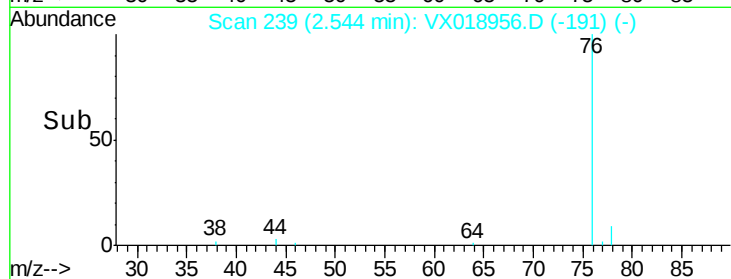
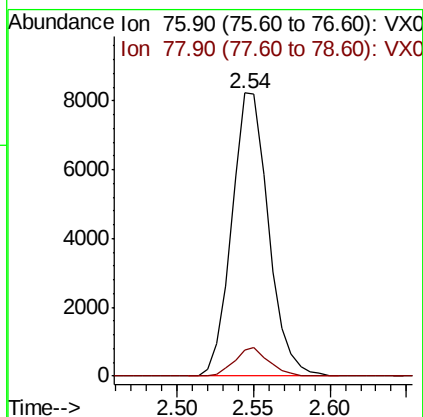
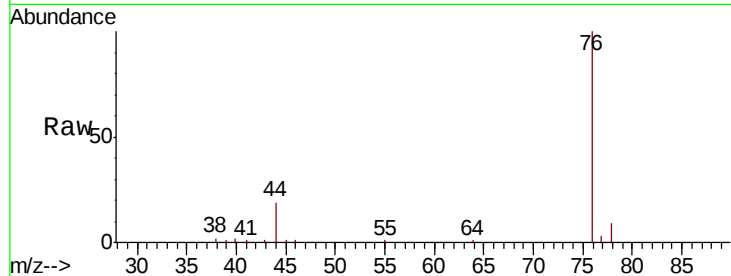




#17
Carbon Disulfide
Concen: 5.324 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

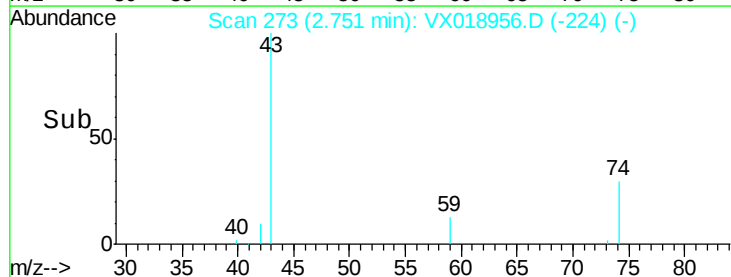
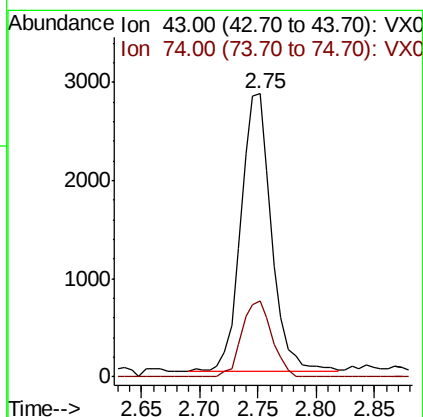
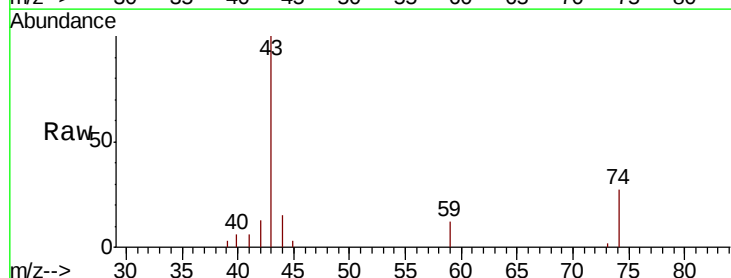
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

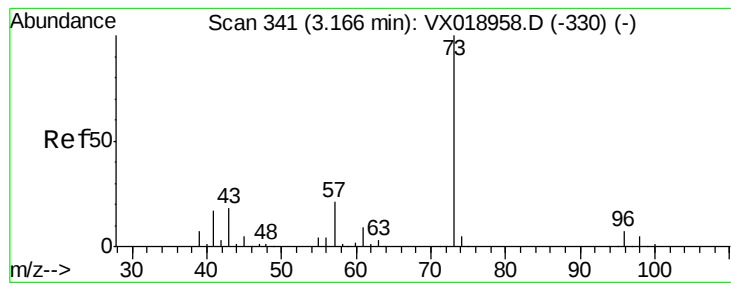
Tot Ion: 76 Resp: 13670
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 4.652 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 43 Resp: 5214
Ion Ratio Lower Upper
43 100
74 26.7 23.0 34.6



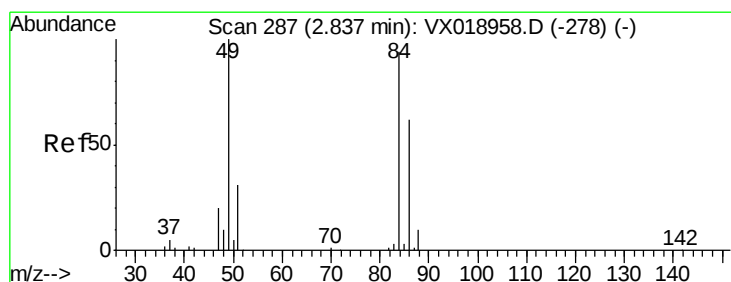
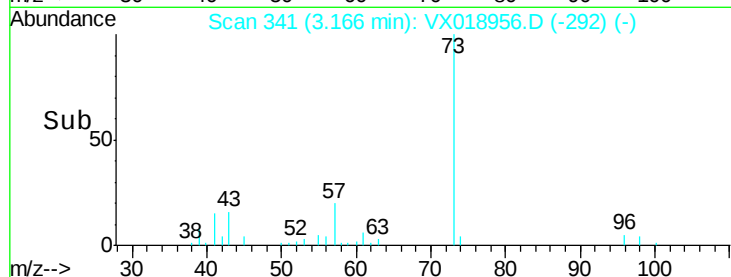
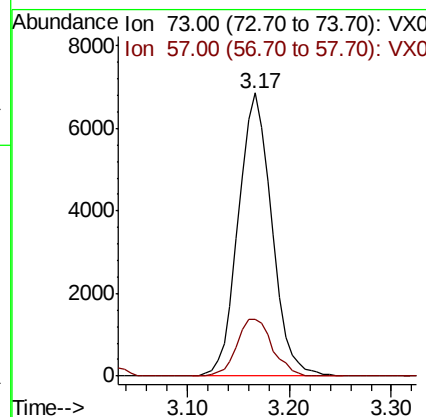
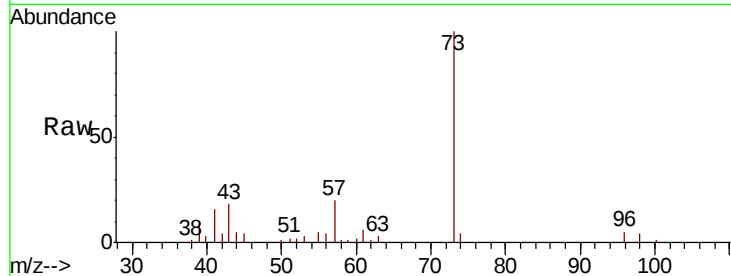


#19

Methyl tert-butyl Ether
 Concen: 5.369 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

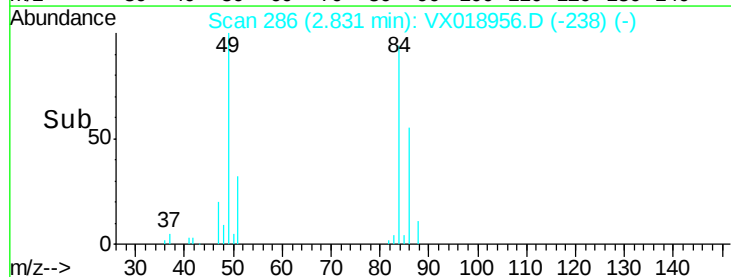
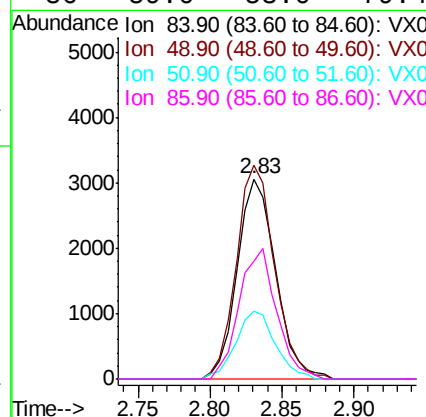
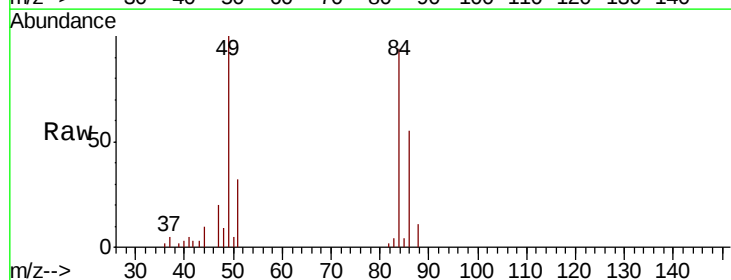
Tot Ion: 73 Resp: 15597
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.6 25.0

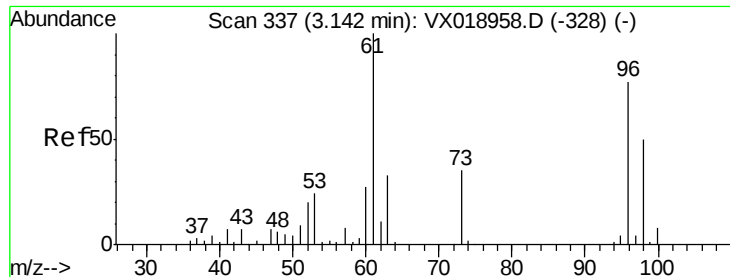


#20

Methylene Chloride
 Concen: 5.358 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion: 84 Resp: 5685
 Ion Ratio Lower Upper
 84 100
 49 106.8 85.1 127.7
 51 34.2 26.0 39.0
 86 59.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 5.596 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

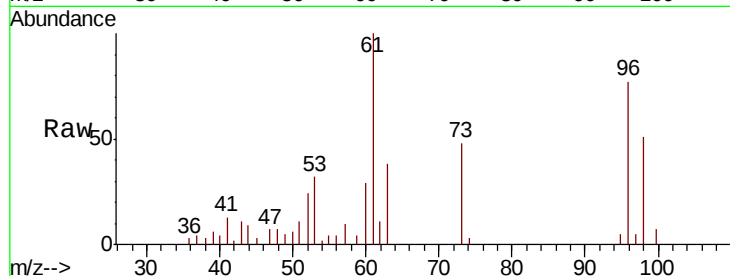
Tot Ion: 96 Resp: 5350

Ion Ratio Lower Upper

96 100

61 129.5 103.4 155.0

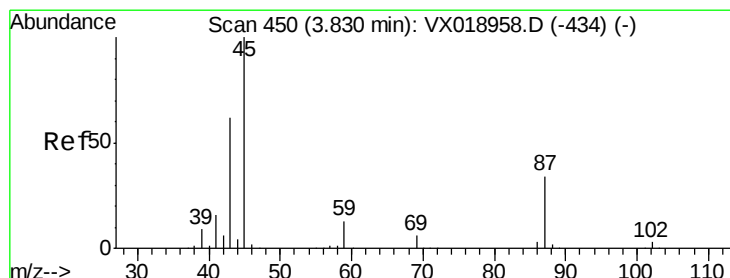
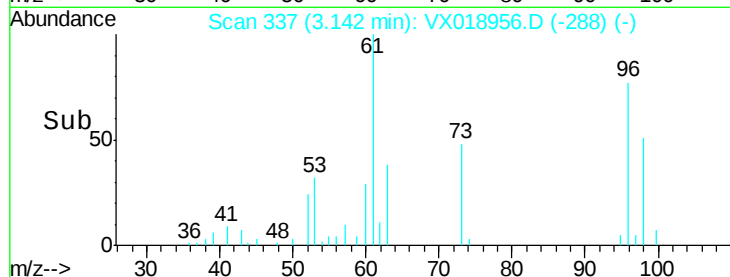
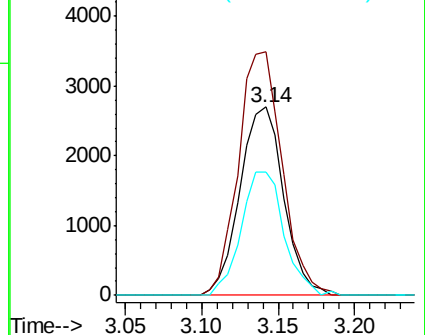
98 65.8 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 4.644 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion: 45 Resp: 13596

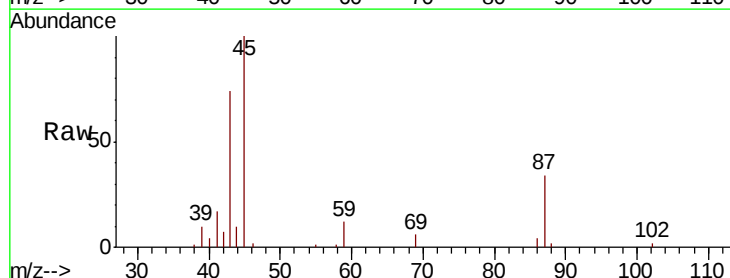
Ion Ratio Lower Upper

45 100

43 71.0 49.7 74.5

87 34.3 27.4 41.2

59 12.1 10.1 15.1

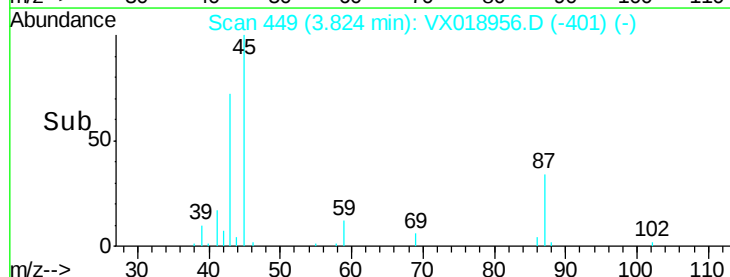
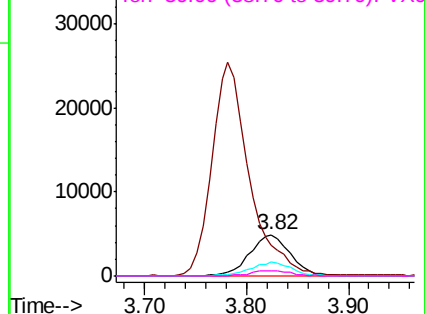


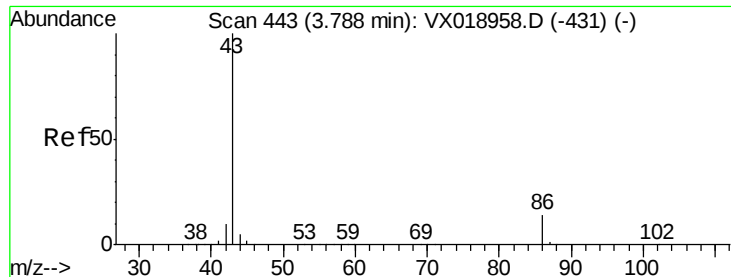
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 24.535 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

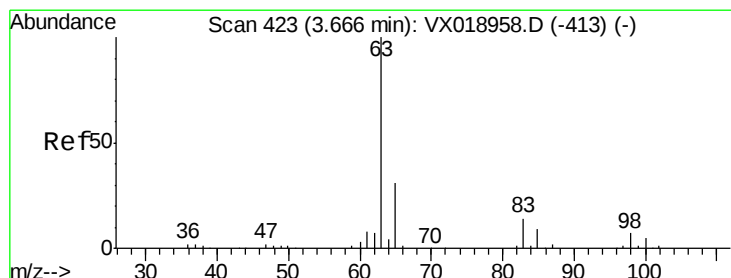
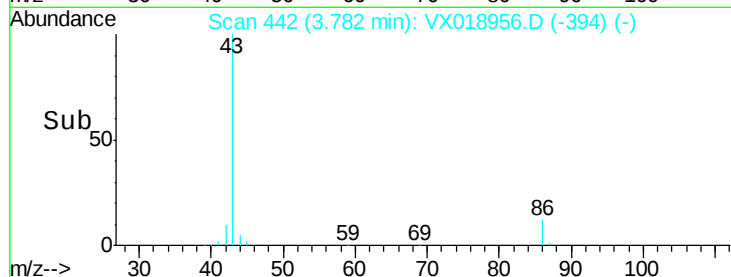
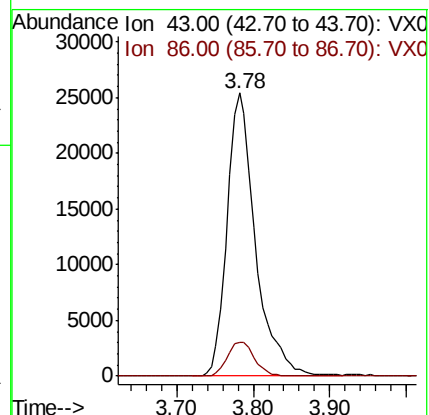
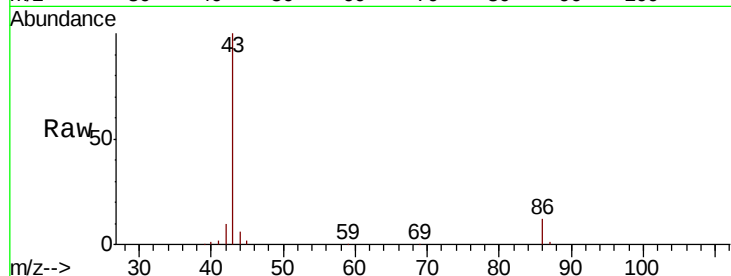
VSTDIC005

Tot Ion: 43 Resp: 64585

Ion Ratio Lower Upper

43 100

86 12.0 10.9 16.3



#24

1,1-Dichloroethane

Concen: 5.430 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

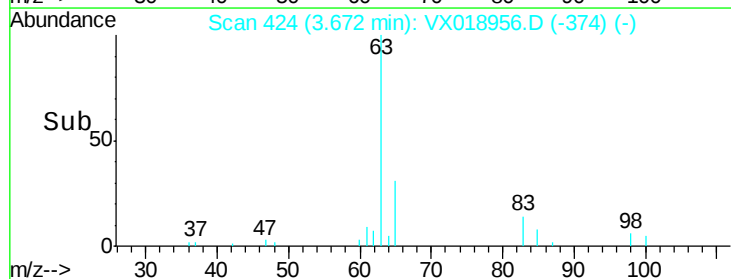
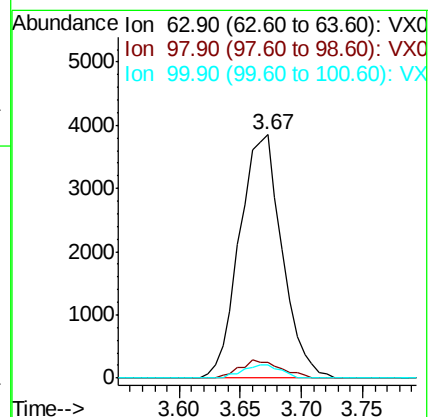
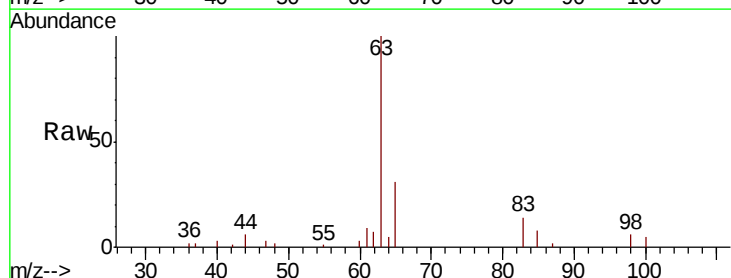
Tgt Ion: 63 Resp: 9319

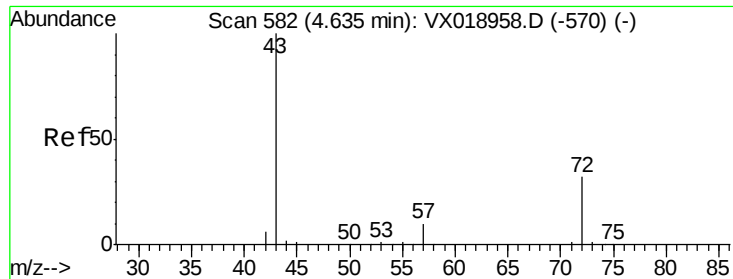
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 24.217 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

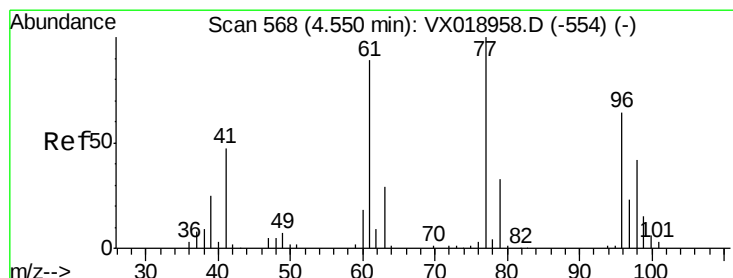
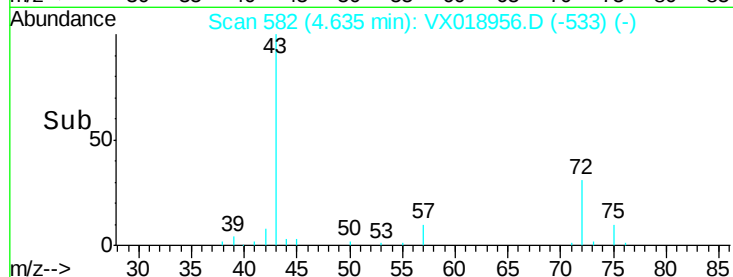
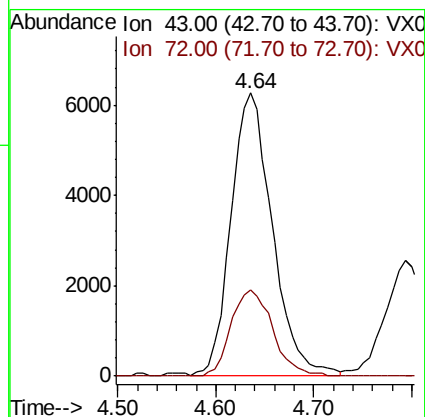
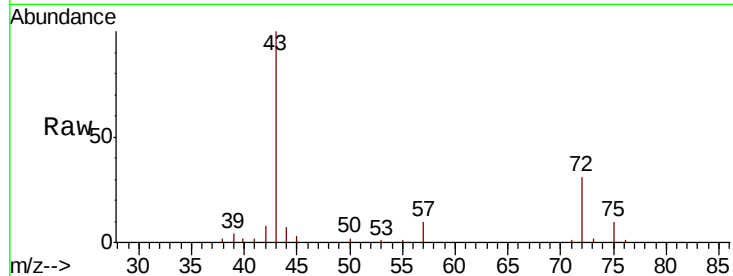
VSTDIC005

Tot Ion: 43 Resp: 18448

Ion Ratio Lower Upper

43 100

72 30.5 25.8 38.6



#26

2,2-Dichloropropane

Concen: 6.151 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018956.D

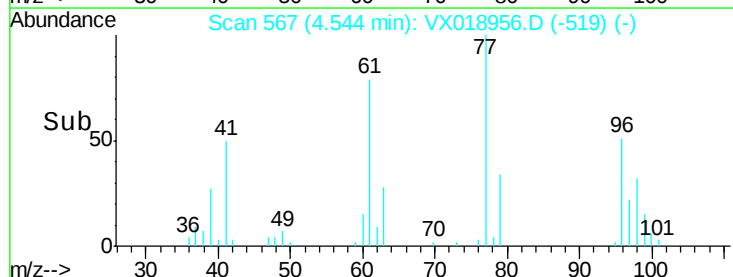
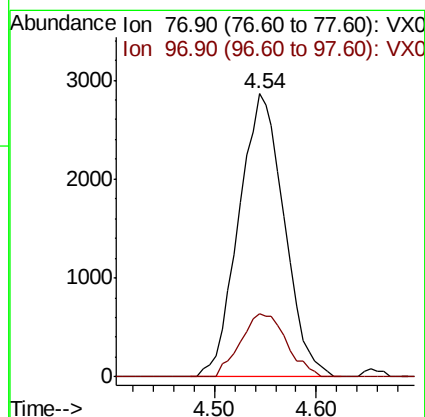
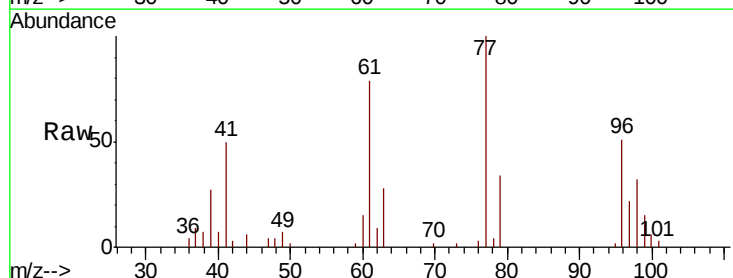
Acq: 19 Oct 2020 16:51

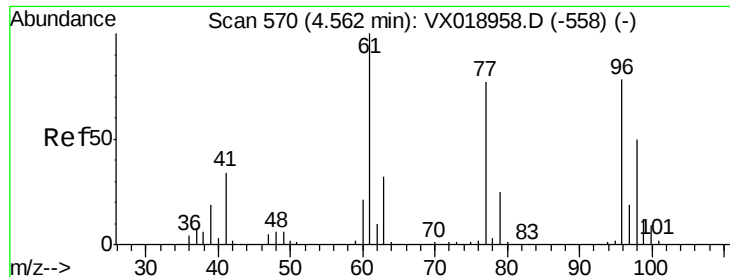
Tgt Ion: 77 Resp: 8836

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8



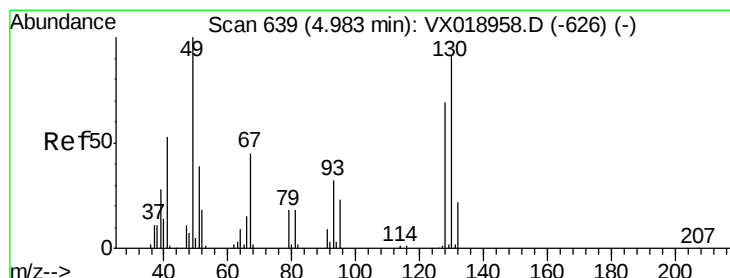
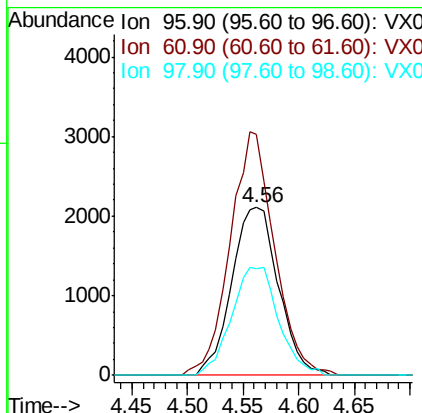
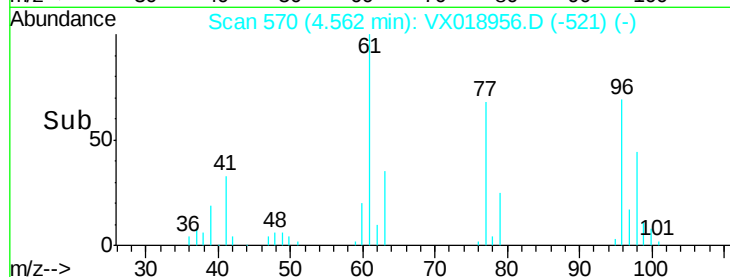
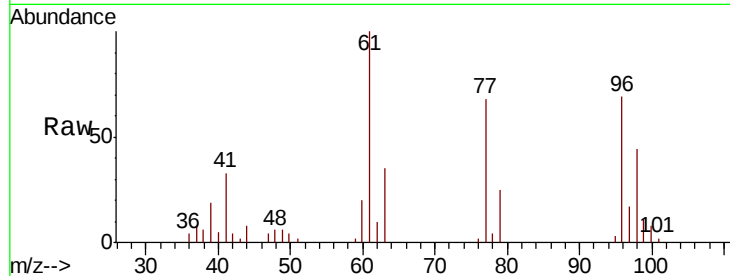


#27

cis-1,2-Dichloroethene
Concen: 5.536 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

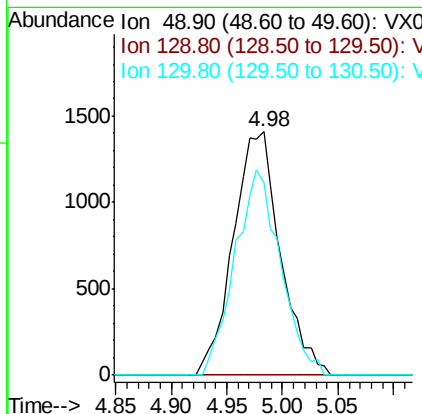
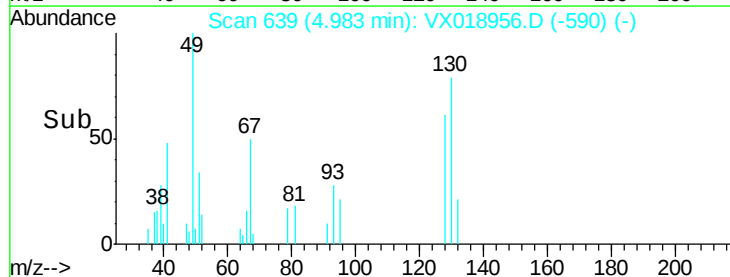
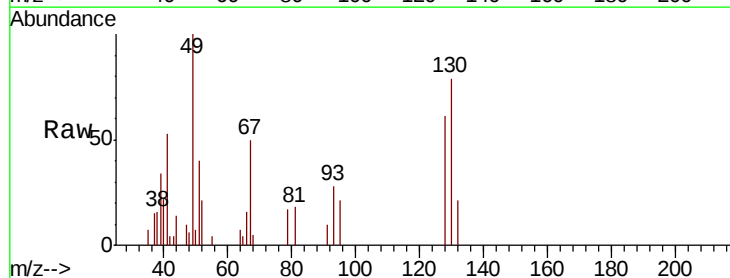
Tot Ion: 96 Resp: 6144
Ion Ratio Lower Upper
96 100
61 137.5 0.0 265.2
98 64.8 0.0 128.4

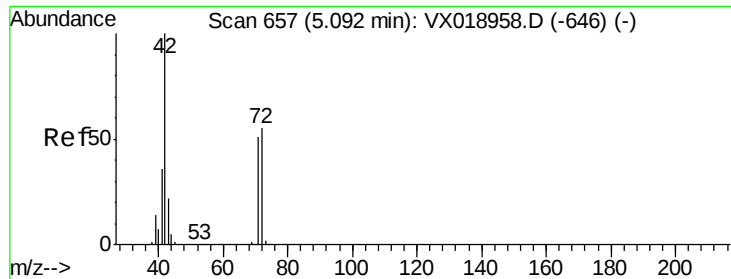


#28

Bromochloromethane
Concen: 5.081 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 49 Resp: 4148
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 81.4 72.0 108.0

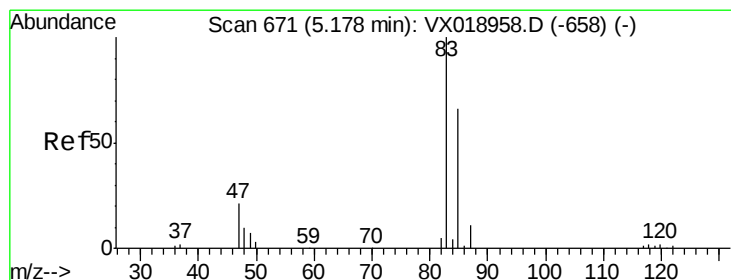
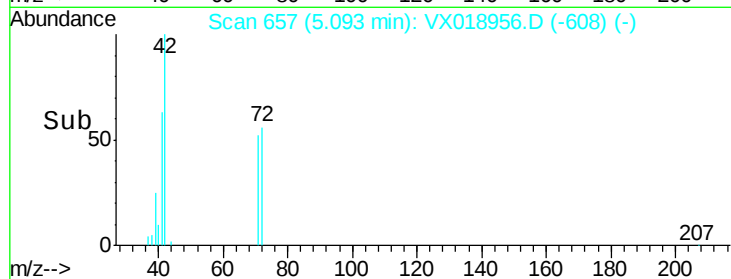
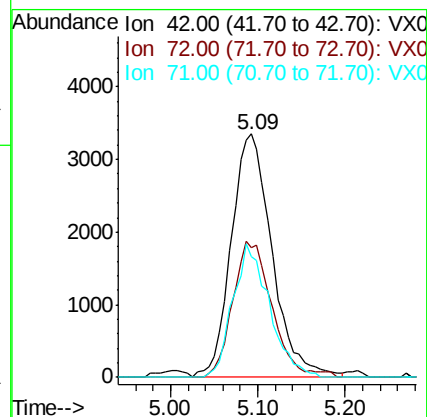
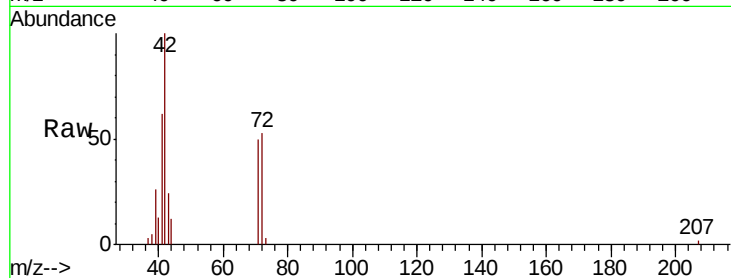




#29
Tetrahydrofuran
Concen: 22.724 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

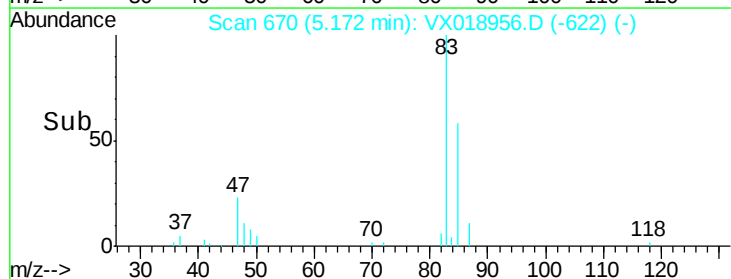
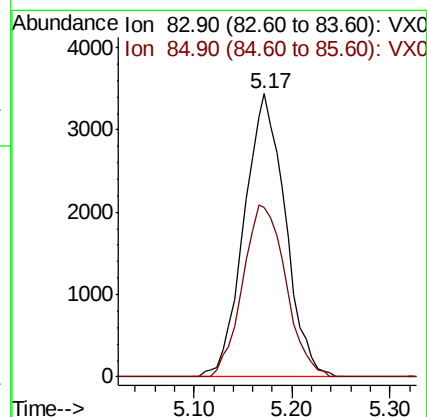
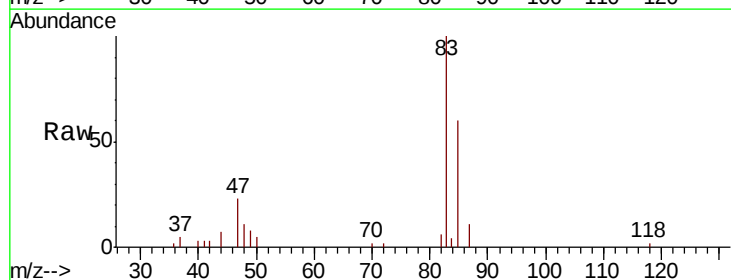
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

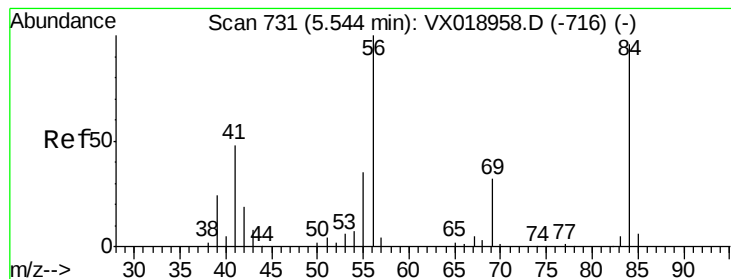
Tot Ion: 42 Resp: 10864
Ion Ratio Lower Upper
42 100
72 53.9 44.9 67.3
71 49.2 41.0 61.6



#30
Chloroform
Concen: 5.611 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 83 Resp: 10071
Ion Ratio Lower Upper
83 100
85 60.1 52.6 78.8





#31

Cyclohexane

Concen: 5.286 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

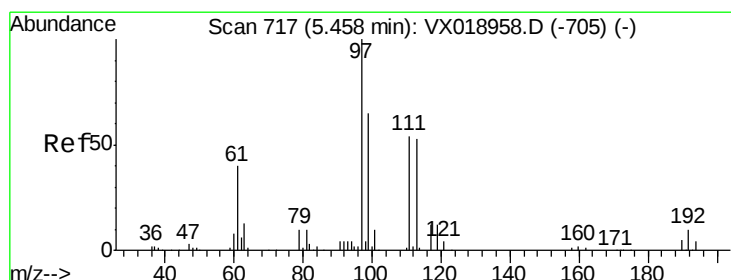
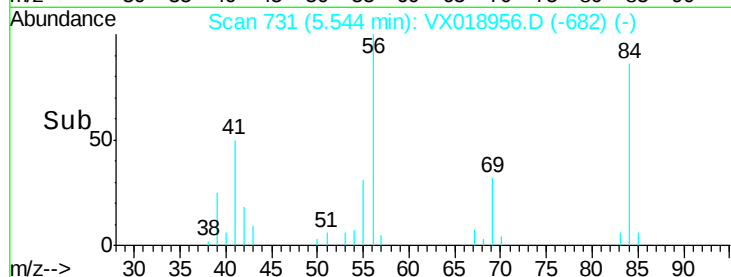
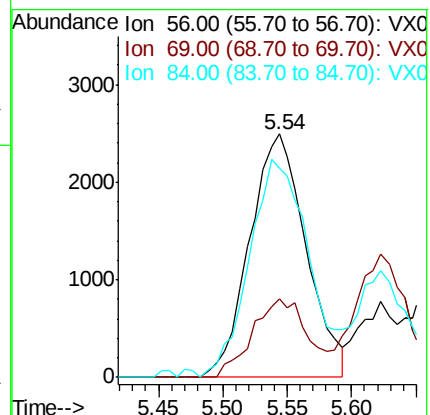
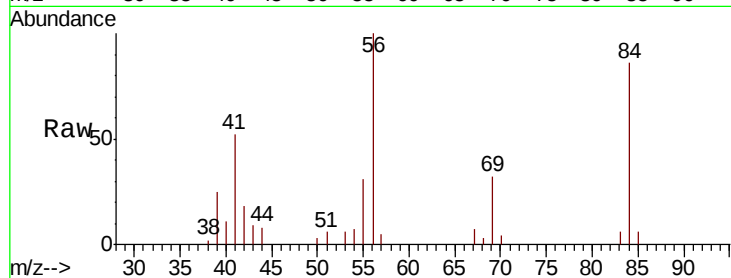
Tot Ion: 56 Resp: 7569

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.0

84 83.1 75.4 113.0



#32

1,1,1-Trichloroethane

Concen: 5.299 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

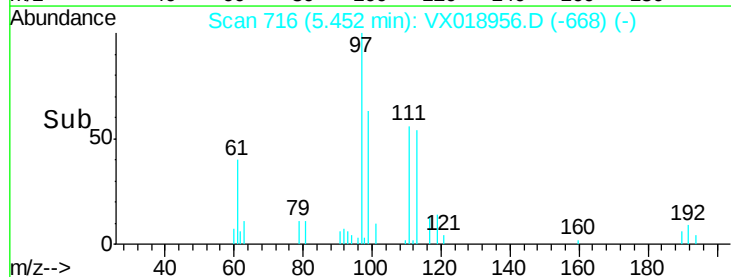
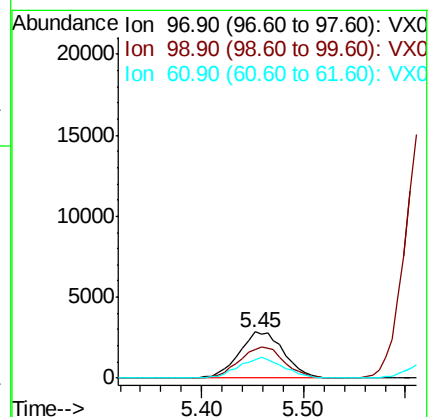
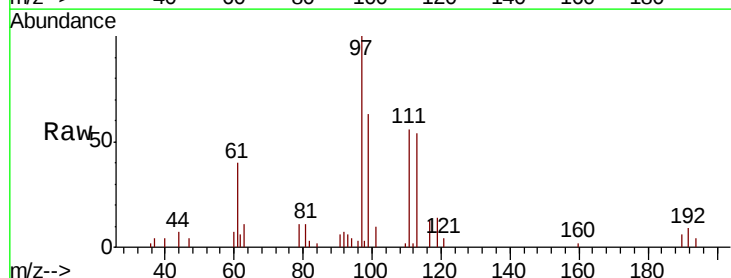
Tgt Ion: 97 Resp: 8728

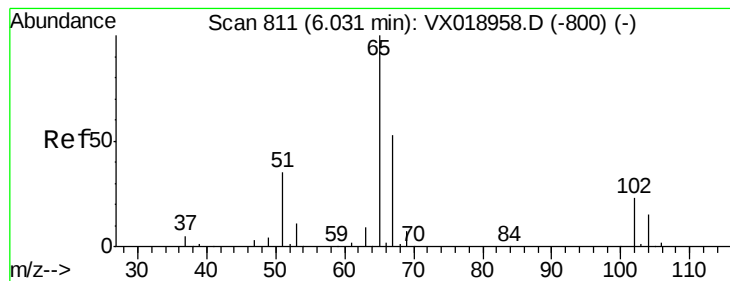
Ion Ratio Lower Upper

97 100

99 67.2 50.5 75.7

61 44.1 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 5.748 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

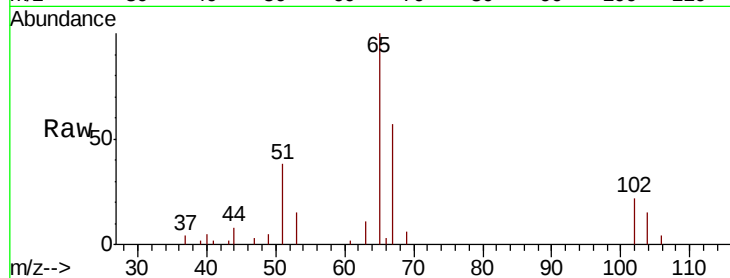
VSTDIC005

Tot Ion: 65 Resp: 6820

Ion Ratio Lower Upper

65 100

67 55.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

2500

2000

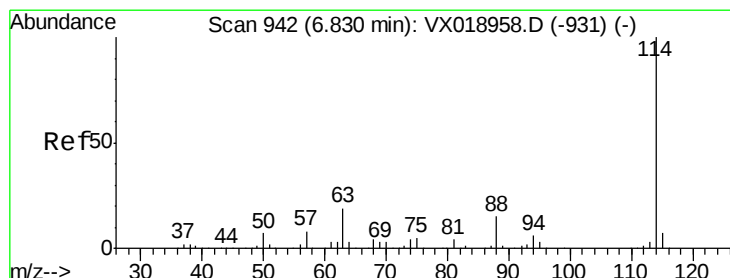
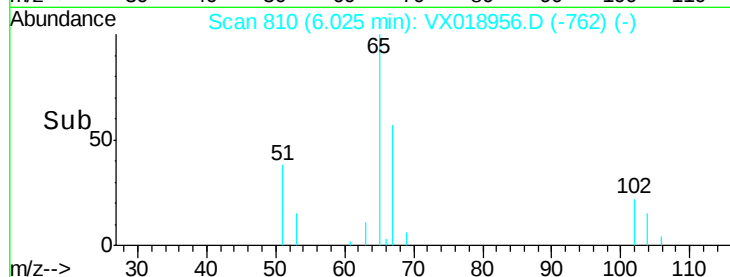
1500

1000

500

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

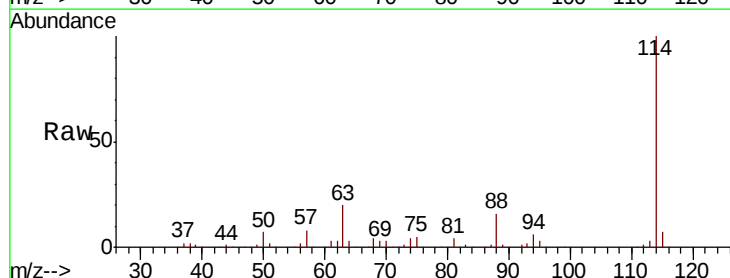
Tgt Ion: 114 Resp: 156336

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.5 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.82

80000

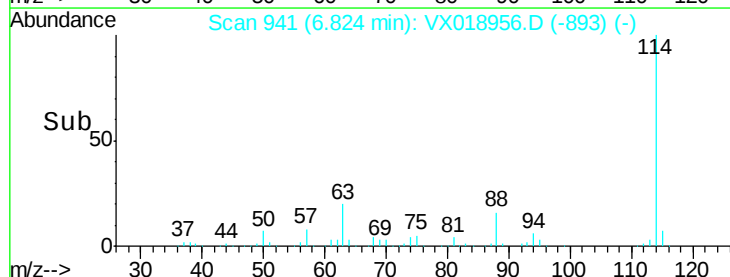
60000

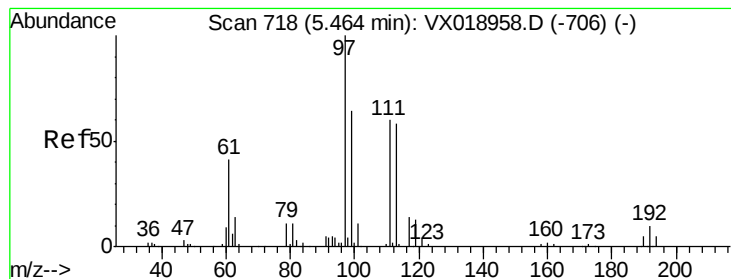
40000

20000

0

Time-->





#35

Dibromofluoromethane

Concen: 5.119 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

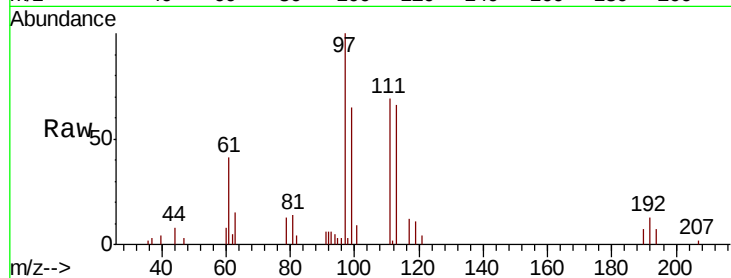
Tot Ion:113 Resp: 5319

Ion Ratio Lower Upper

113 100

111 105.4 80.8 121.2

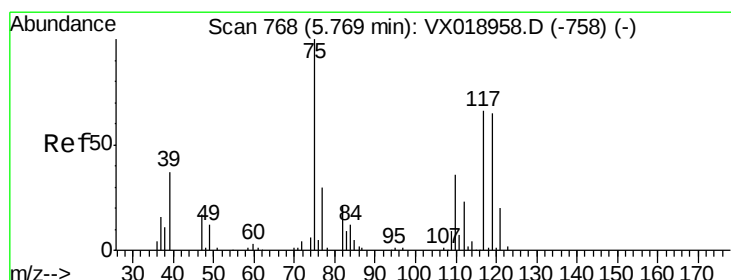
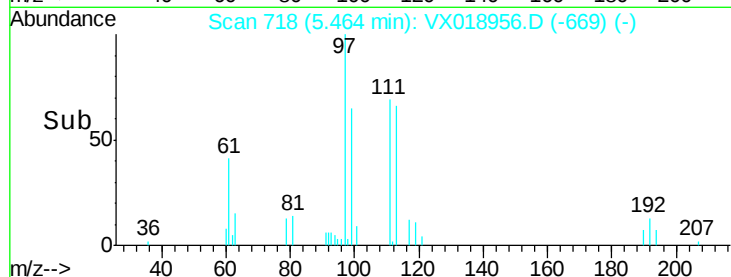
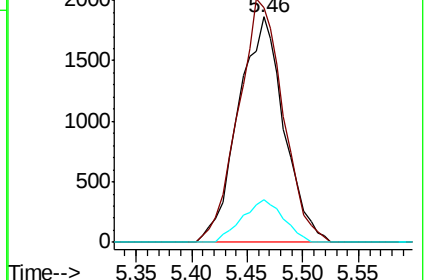
192 17.3 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.444 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

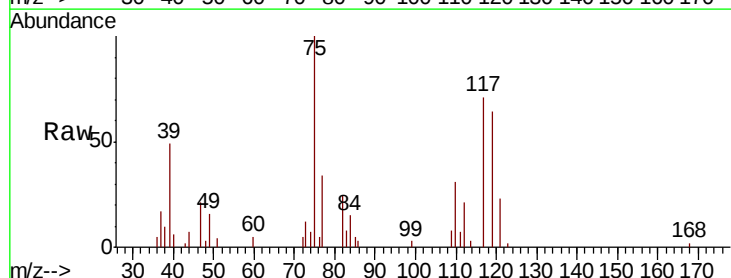
Tgt Ion: 75 Resp: 7839

Ion Ratio Lower Upper

75 100

110 35.5 18.3 54.8

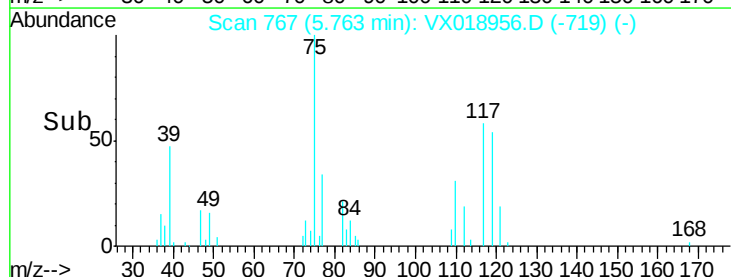
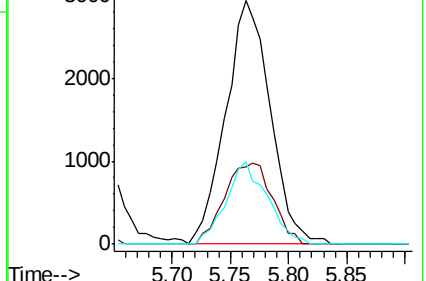
77 31.2 25.0 37.4

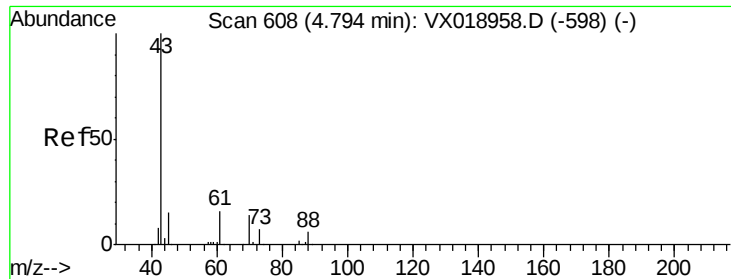


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

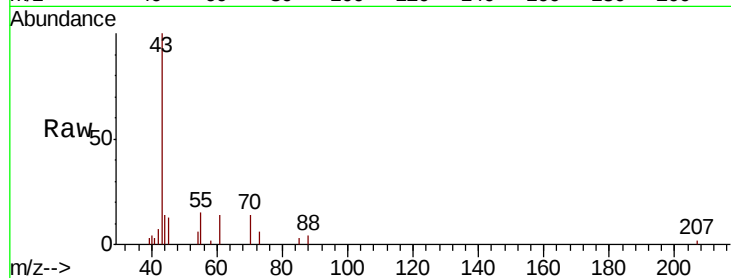




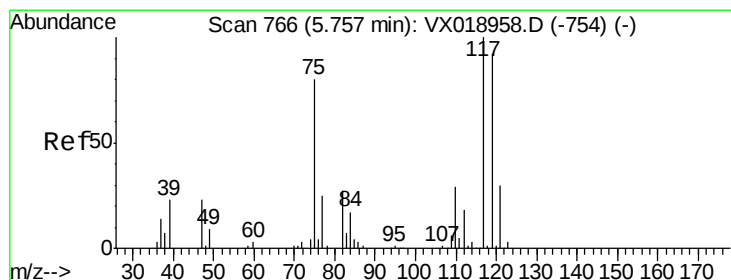
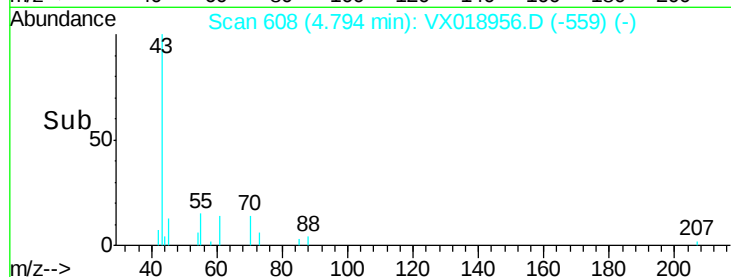
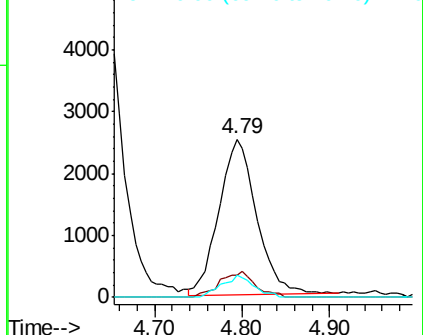
#37
Ethyl Acetate
Concen: 4.587 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

Tot Ion: 43 Resp: 7488
Ion Ratio Lower Upper
43 100
61 15.4 12.7 19.1
70 12.3 10.6 15.8

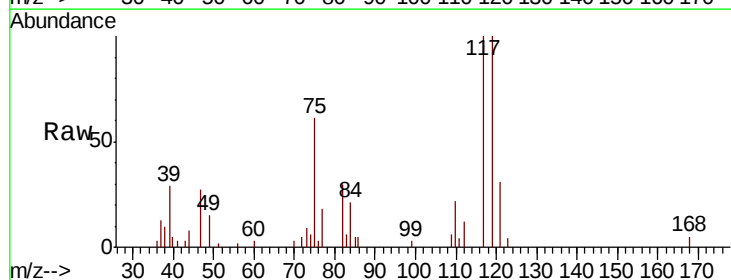


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

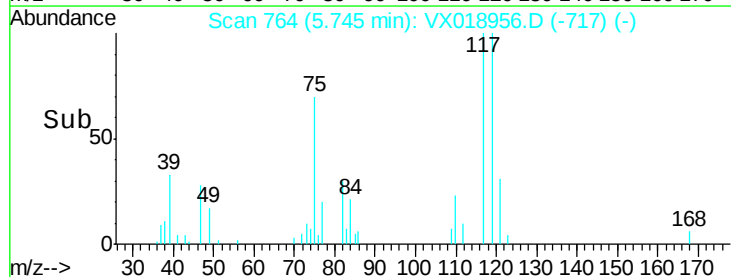
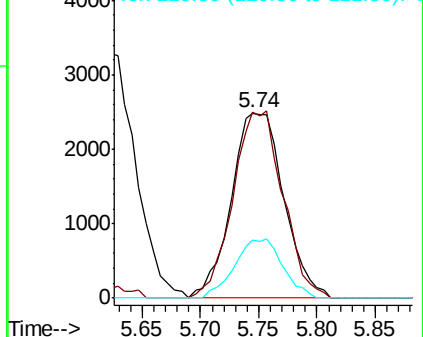


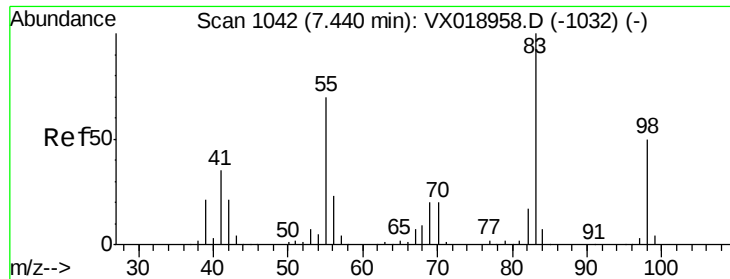
#38
Carbon Tetrachloride
Concen: 4.850 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 117 Resp: 7790
Ion Ratio Lower Upper
117 100
119 100.2 73.2 109.8
121 31.3 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

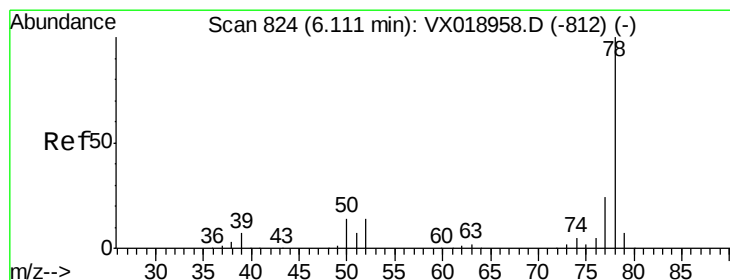
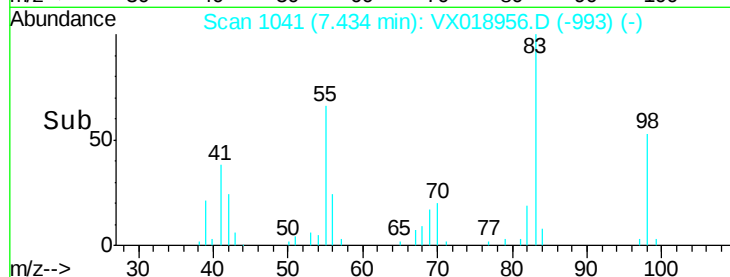
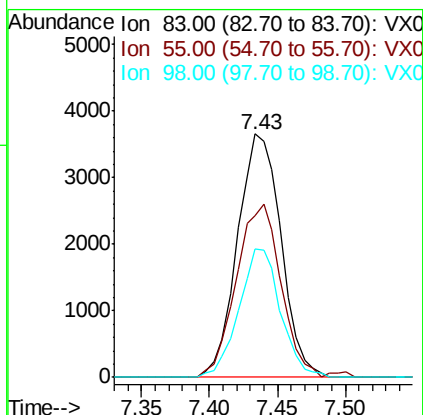
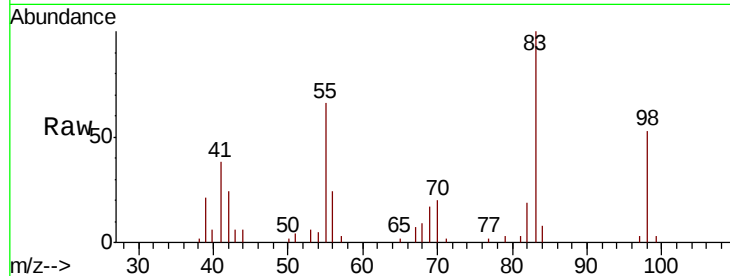




#39
Methvlcvclohexane
Concen: 5.200 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

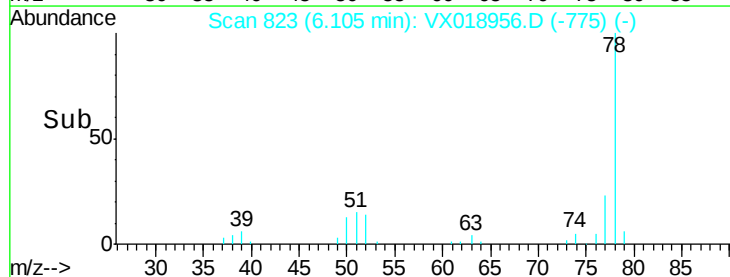
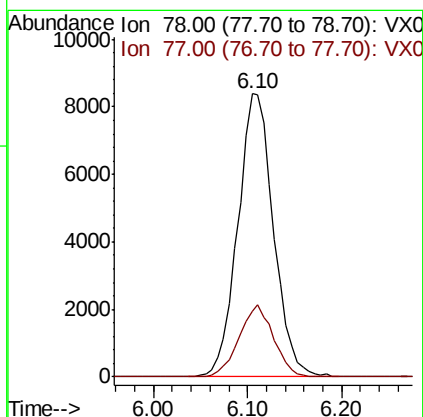
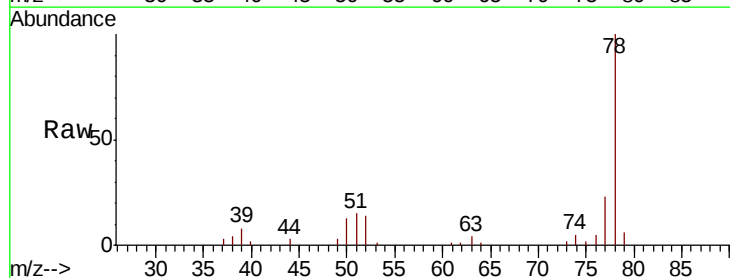
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

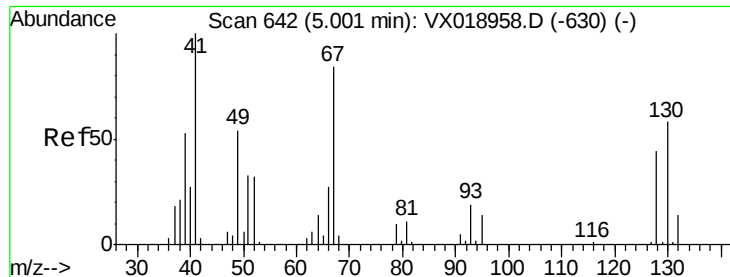
Tot Ion: 83 Resp: 8177
Ion Ratio Lower Upper
83 100
55 66.4 56.3 84.5
98 52.6 39.8 59.6



#40
Benzene
Concen: 5.226 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 78 Resp: 22221
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

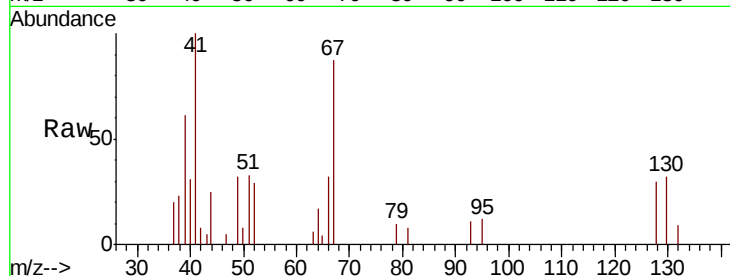




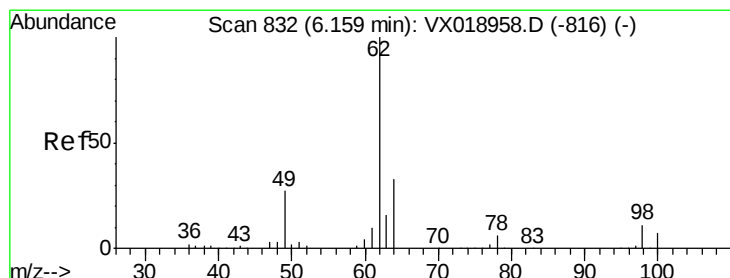
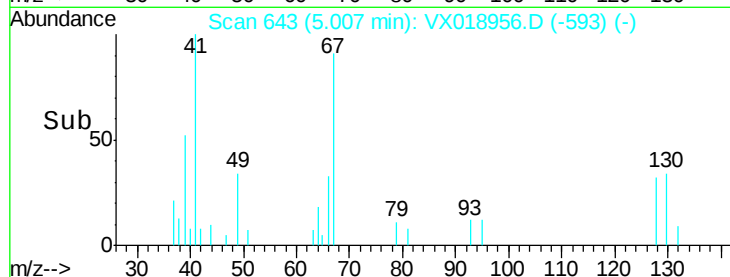
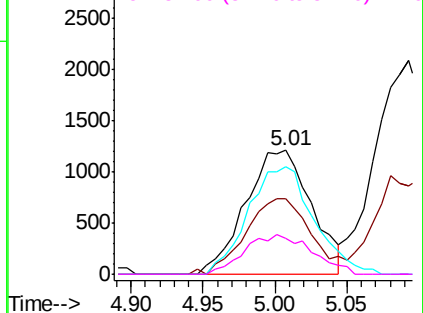
#41
Methacrylonitrile
Concen: 4.312 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	3845
Ion	Ratio	Lower	Upper
41	100		
39	60.9	43.7	65.5
67	86.9	70.9	106.3
52	32.6	27.0	40.6

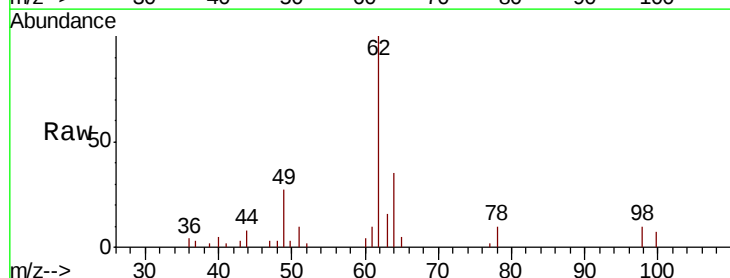


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

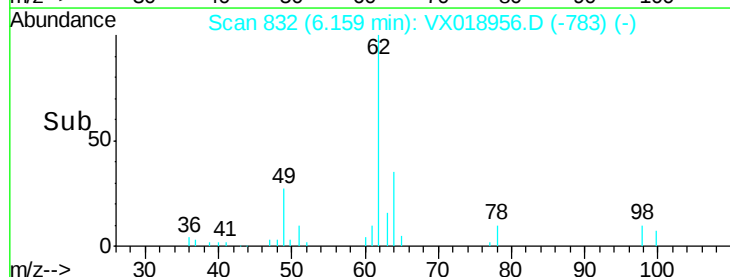
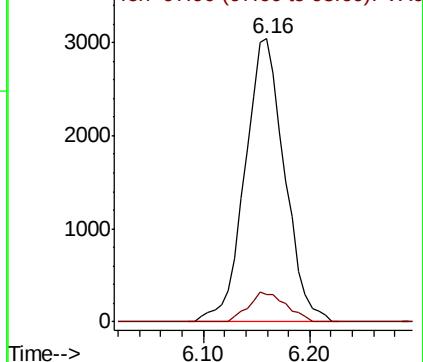


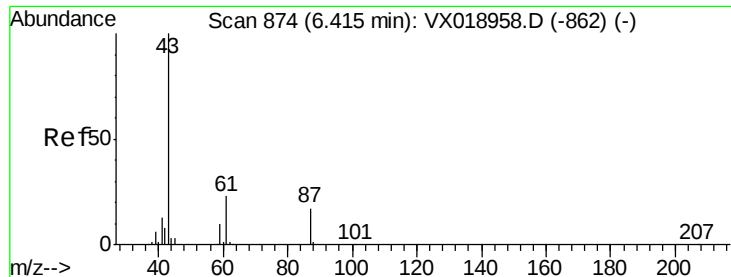
#42
1,2-Dichloroethane
Concen: 4.937 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion:	62	Resp:	7913
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.785 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

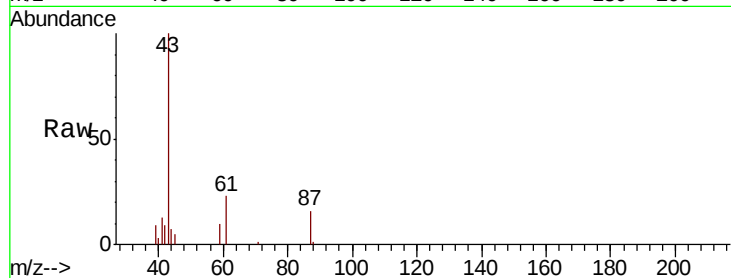
Tot Ion: 43 Resp: 12617

Ion Ratio Lower Upper

43 100

61 21.3 18.3 27.5

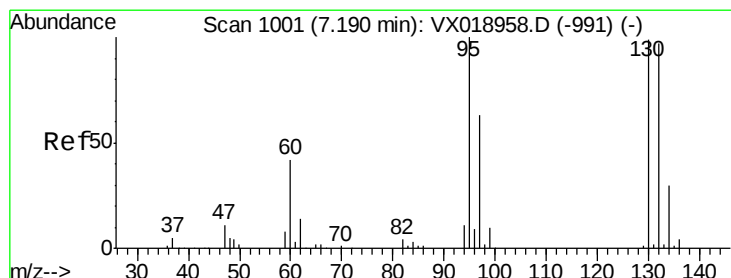
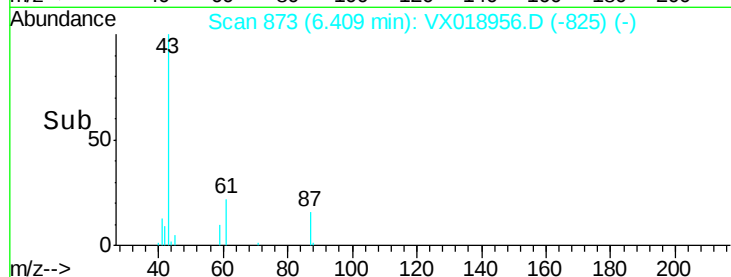
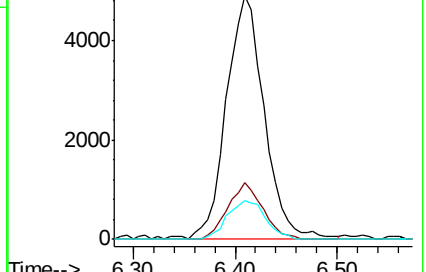
87 15.8 13.4 20.2



Abundance Ion 43.00 (42.70 to 43.70): VX018956.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX018956.D (-825) (-)

Ion 87.00 (86.70 to 87.70): VX018956.D (-825) (-)



#44

Trichloroethene

Concen: 5.033 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018956.D

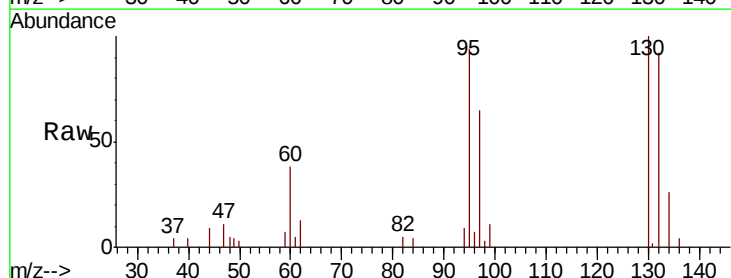
Acq: 19 Oct 2020 16:51

Tgt Ion: 130 Resp: 5979

Ion Ratio Lower Upper

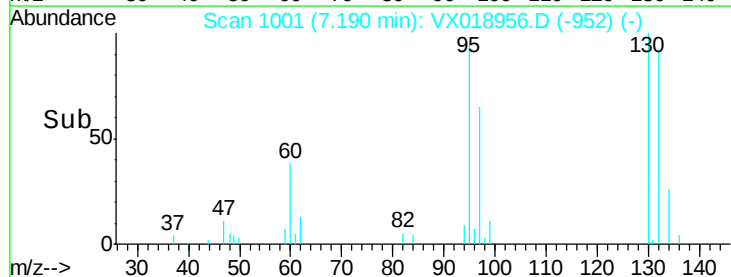
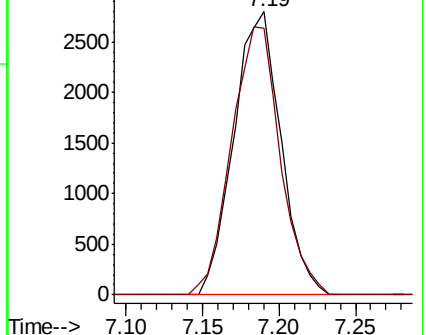
130 100

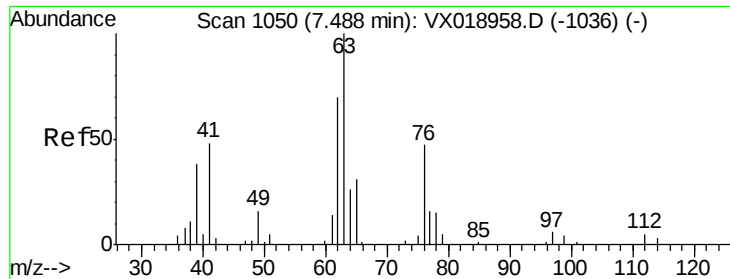
95 94.1 0.0 201.0



Abundance Ion 129.80 (129.50 to 130.50): VX018956.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX018956.D (-952) (-)

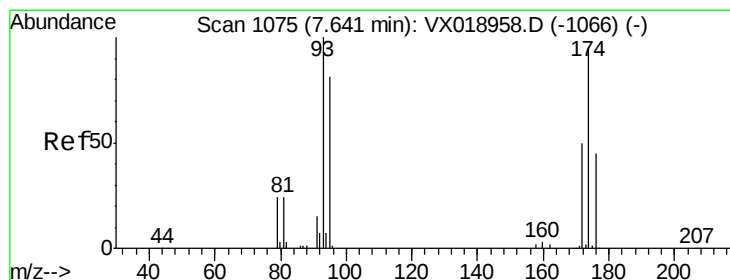
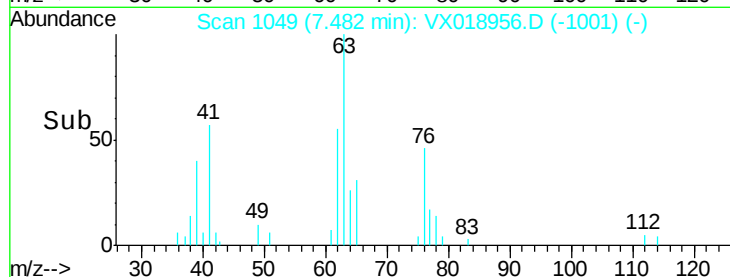
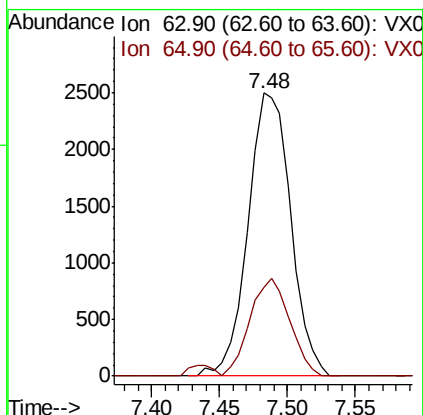
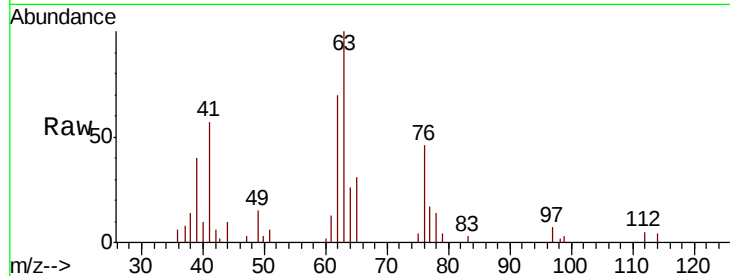




#45
 1,2-Dichloropropane
 Concen: 4.898 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

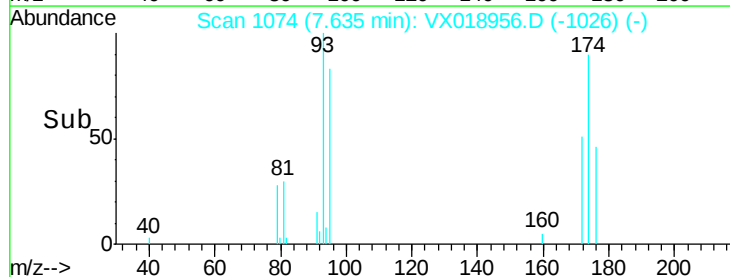
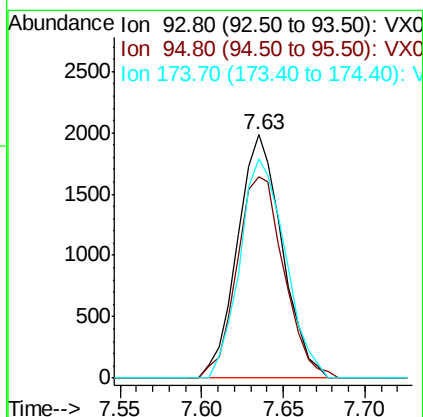
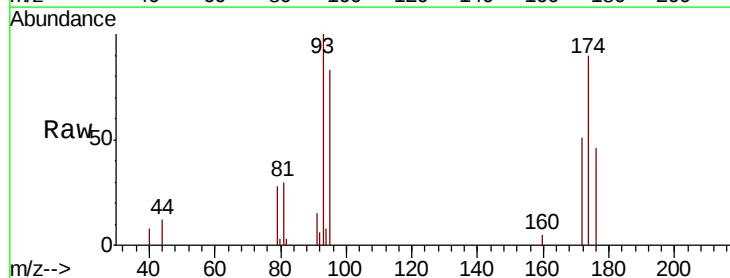
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

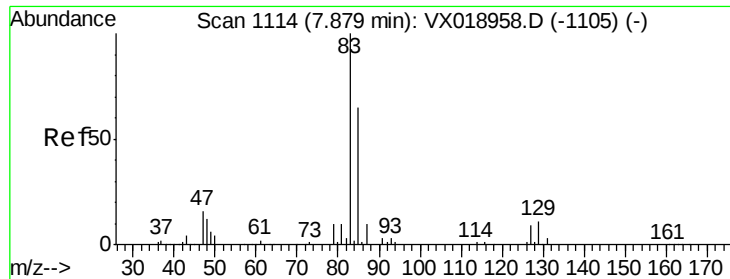
Tot Ion: 63 Resp: 5500
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6



#46
 Dibromomethane
 Concen: 4.737 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion: 93 Resp: 3778
 Ion Ratio Lower Upper
 93 100
 95 86.8 66.6 100.0
 174 91.7 73.8 110.8





#47

Bromodichloromethane

Concen: 4.945 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

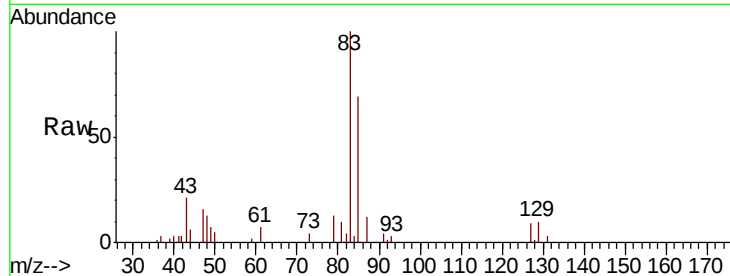
Tot Ion: 83 Resp: 7854

Ion Ratio Lower Upper

83 100

85 68.6 52.4 78.6

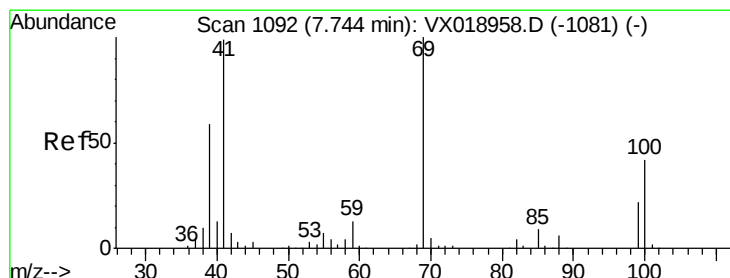
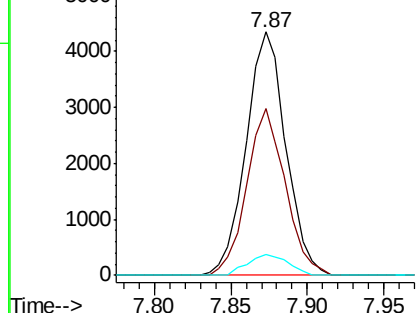
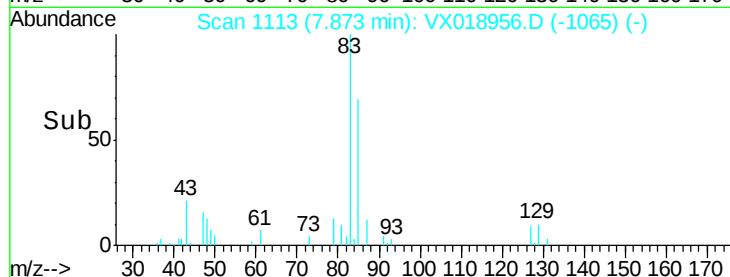
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.469 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

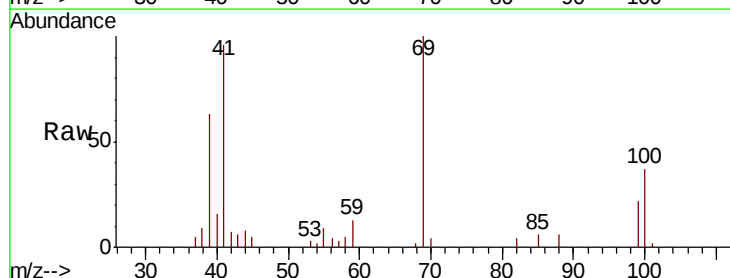
Tgt Ion: 41 Resp: 5808

Ion Ratio Lower Upper

41 100

69 94.7 82.4 123.6

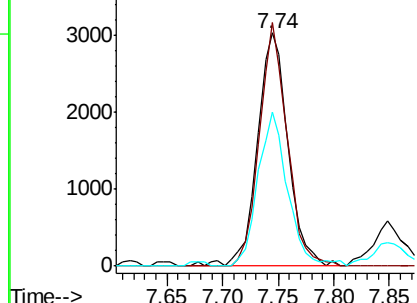
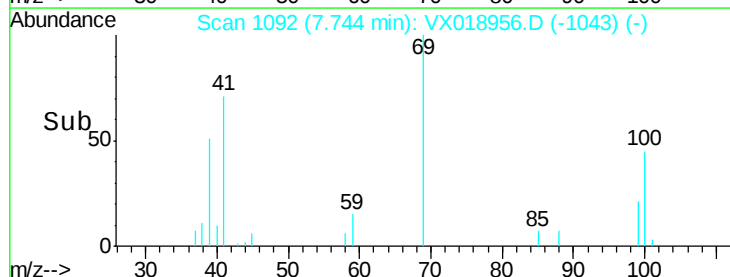
39 64.2 48.1 72.1

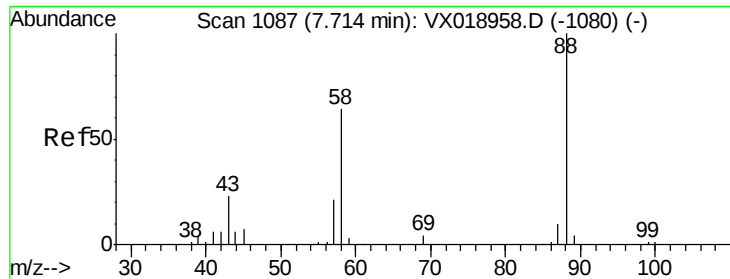


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

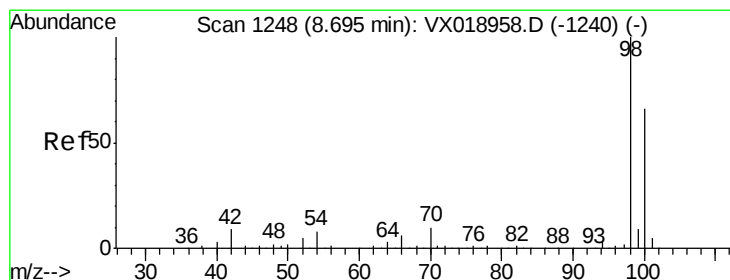
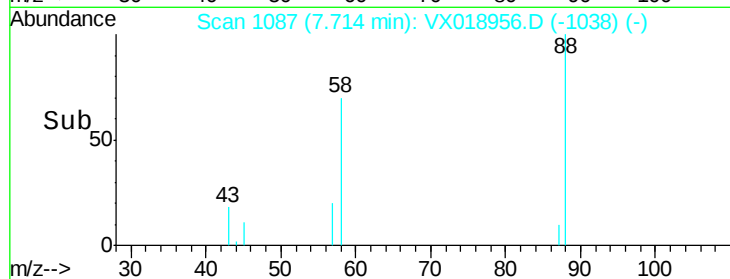
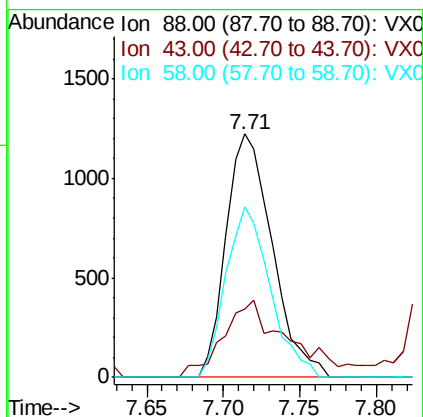
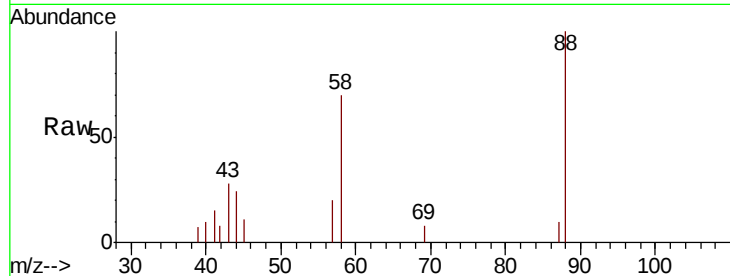




#49
1,4-Dioxane
Concen: 105.728 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

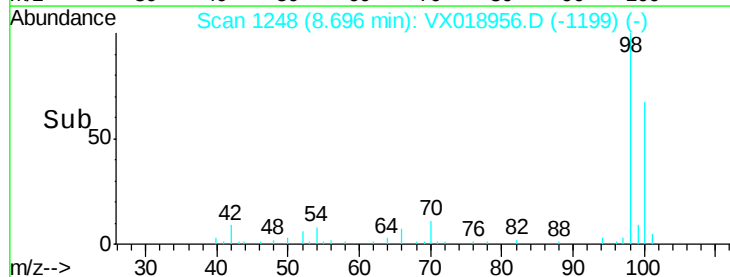
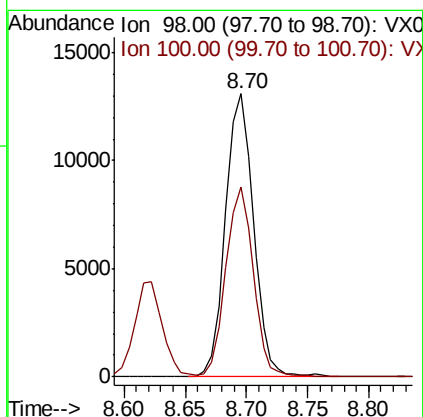
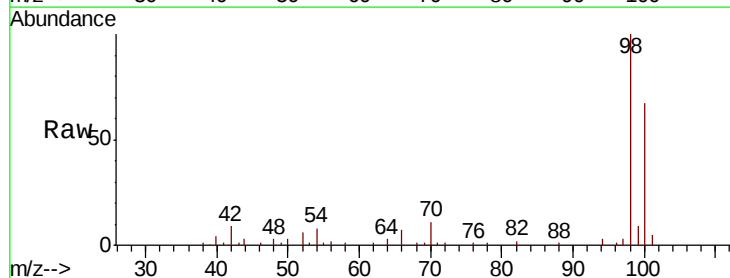
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

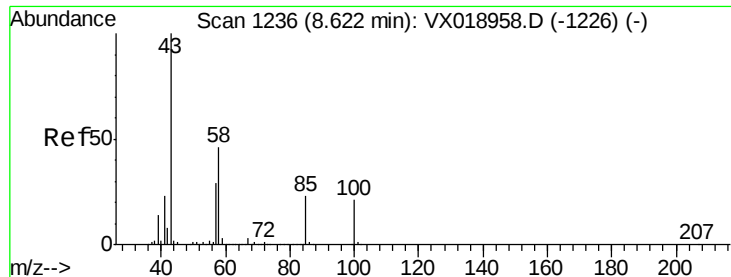
Tot Ion: 88 Resp: 2568
Ion Ratio Lower Upper
88 100
43 45.2 21.1 31.7#
58 67.1 50.3 75.5



#50
Toluene-d8
Concen: 5.318 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 98 Resp: 20779
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2

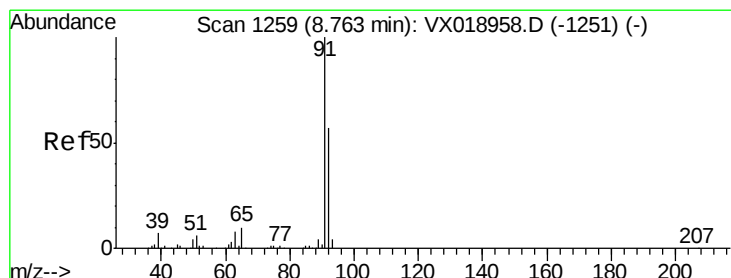
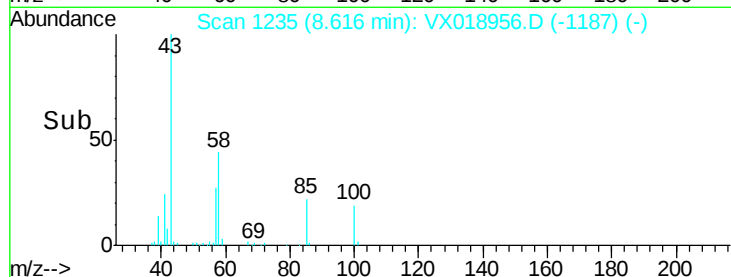
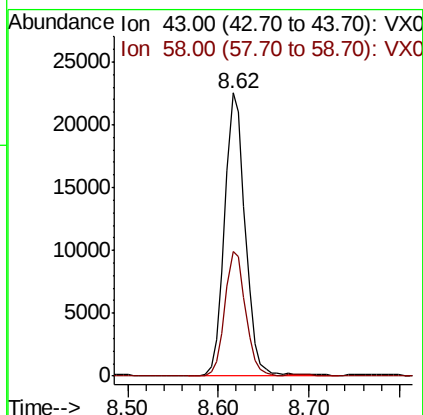
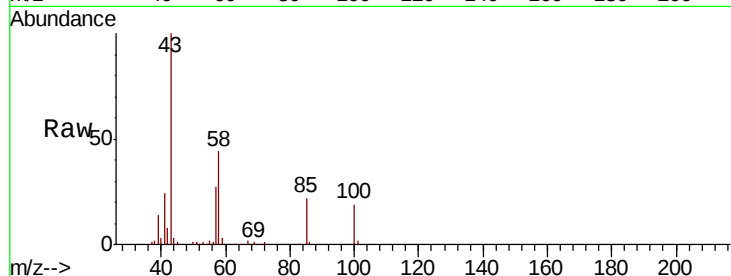




#51
4-Methyl-2-Pentanone
Concen: 22.316 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

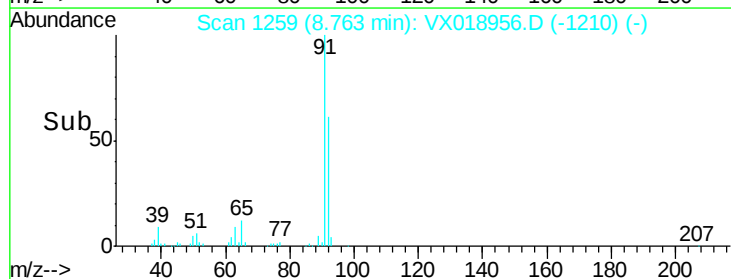
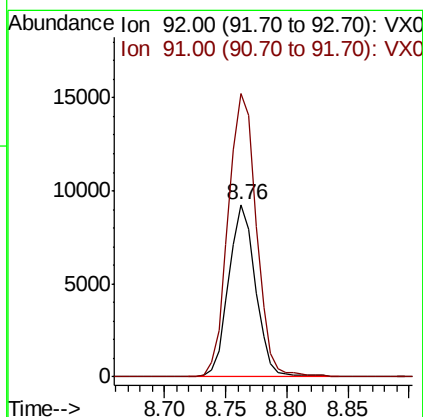
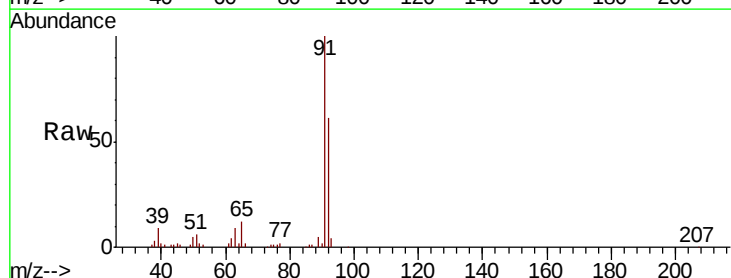
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

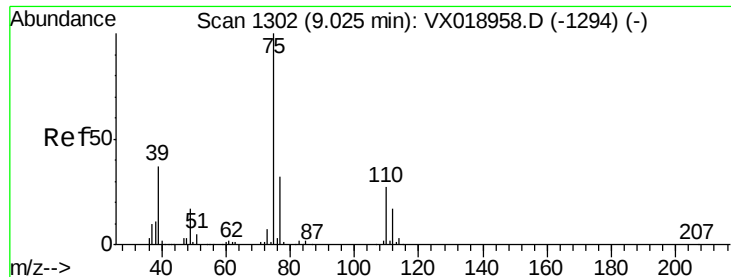
Tot Ion: 43 Resp: 36091
Ion Ratio Lower Upper
43 100
58 43.8 36.4 54.6



#52
Toluene
Concen: 5.203 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 92 Resp: 14107
Ion Ratio Lower Upper
92 100
91 172.3 137.1 205.7

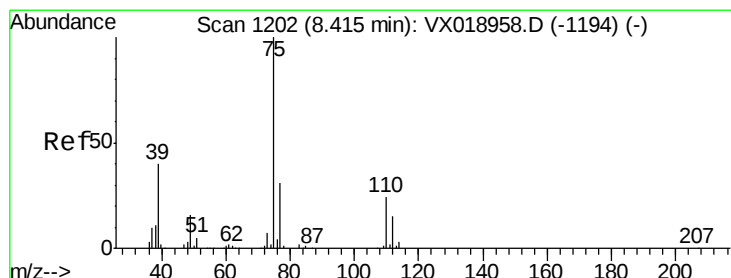
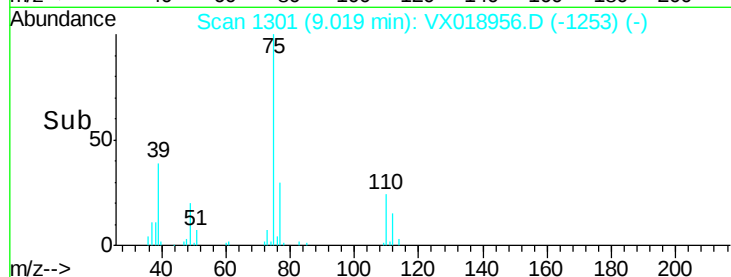
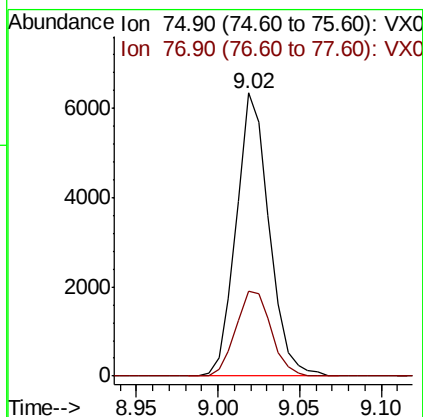
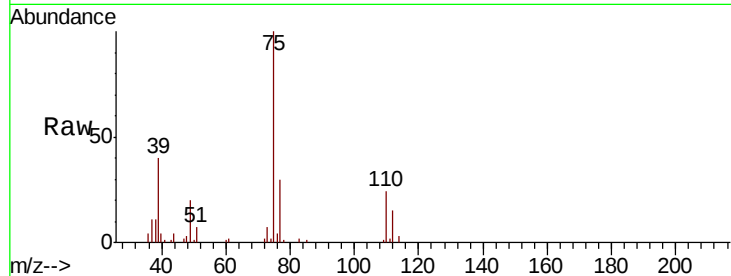




#53
 t-1,3-Dichloropropene
 Concen: 5.029 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

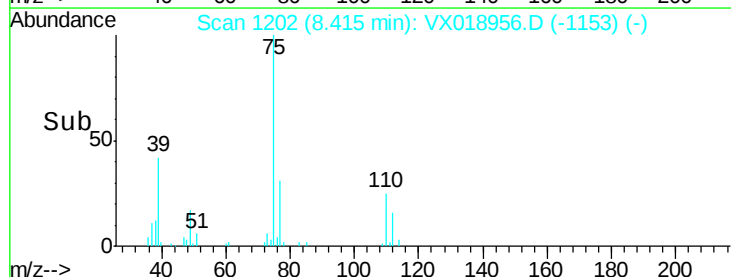
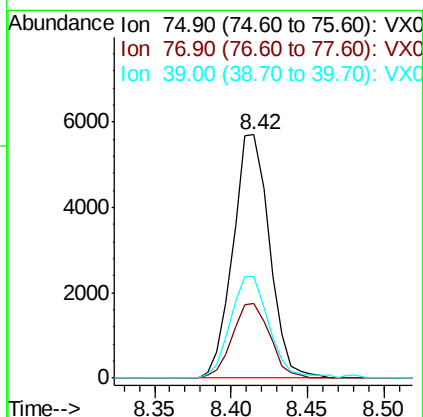
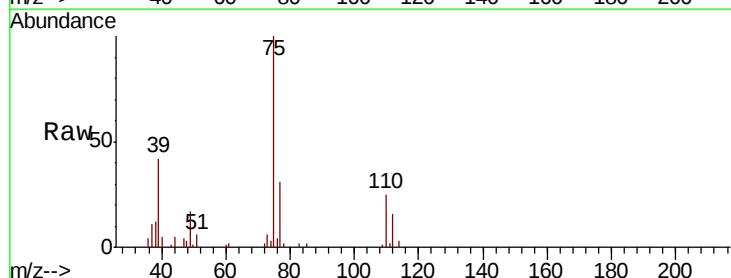
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

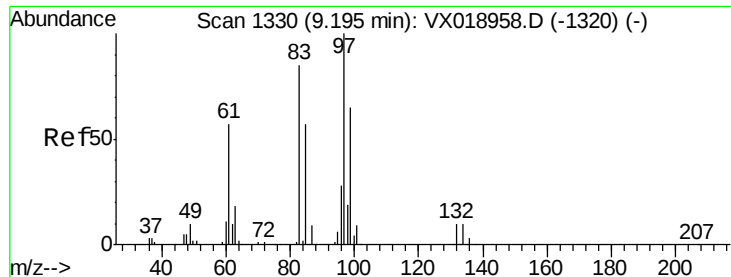
Tot Ion: 75 Resp: 8916
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 5.057 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion: 75 Resp: 9477
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 41.8 32.1 48.1

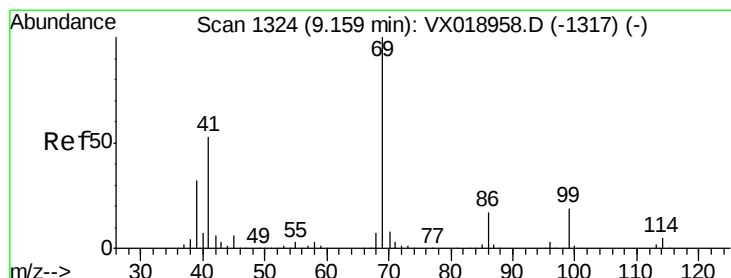
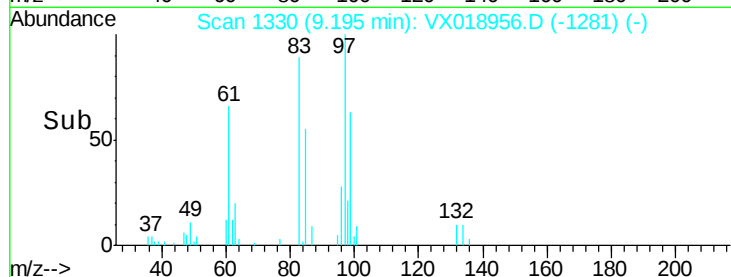
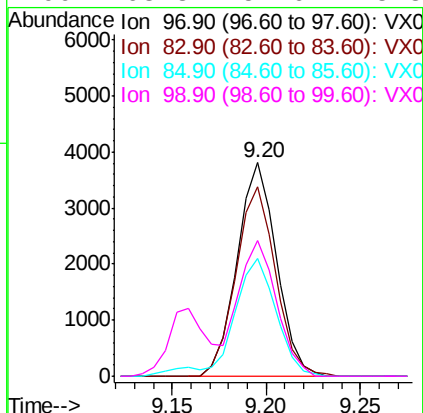
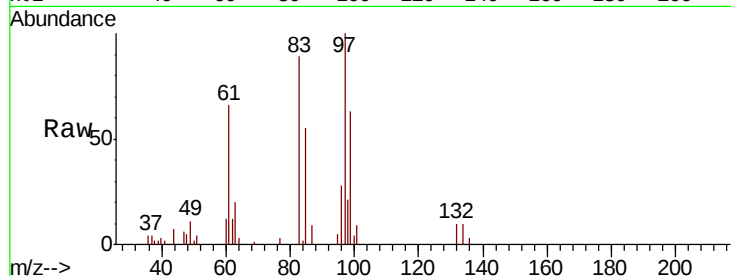




#55
 1,1,2-Trichloroethane
 Concen: 4.825 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

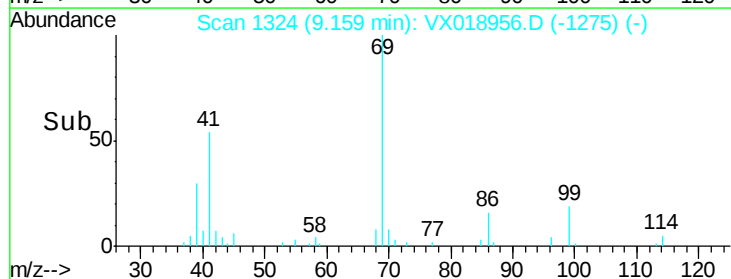
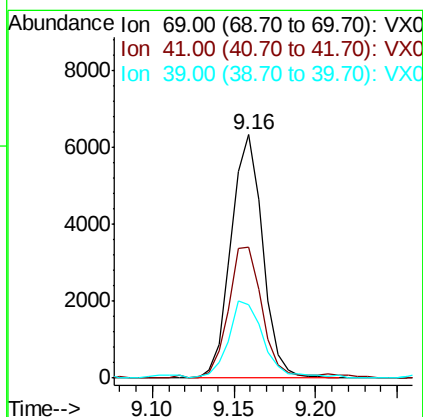
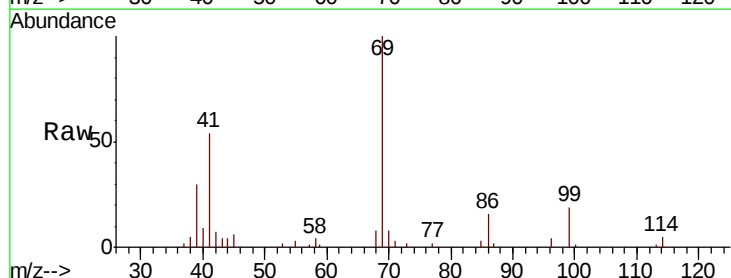
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

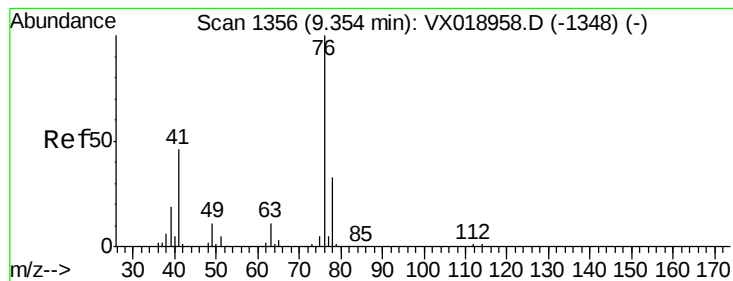
Tot Ion:	97	Resp:	5510
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.8	101.8
85	55.0	45.7	68.5
99	63.3	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 5.024 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion:	69	Resp:	8543
Ion	Ratio	Lower	Upper
69	100		
41	57.8	43.4	65.2
39	35.6	25.0	37.4





#57

1,3-Dichloropropane

Concen: 5.082 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

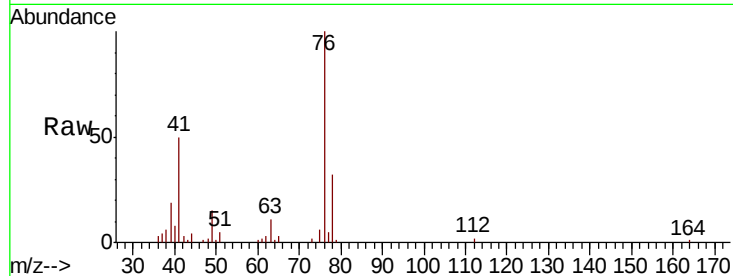
VSTDIC005

Tot Ion: 76 Resp: 9560

Ion Ratio Lower Upper

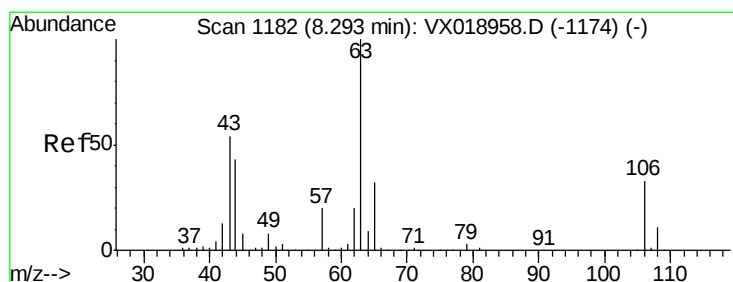
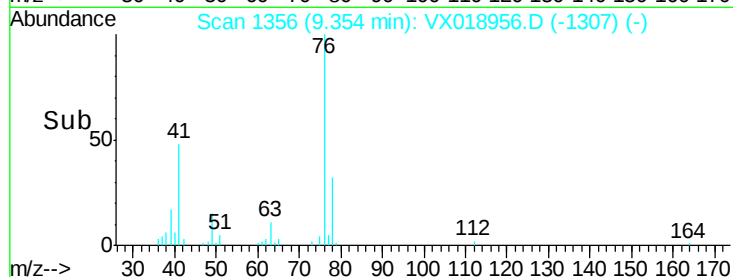
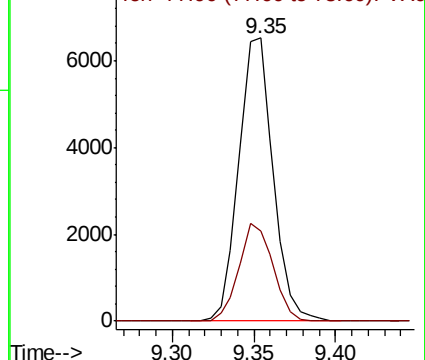
76 100

78 34.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 28.898 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018956.D

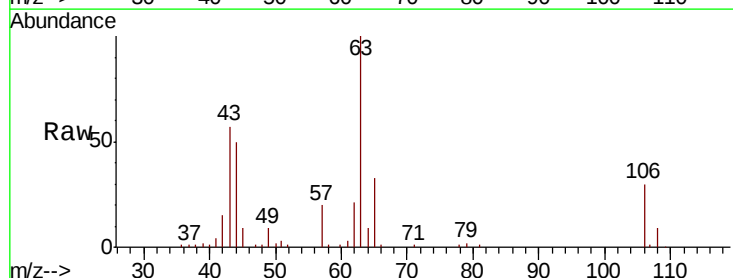
Acq: 19 Oct 2020 16:51

Tgt Ion: 63 Resp: 22753

Ion Ratio Lower Upper

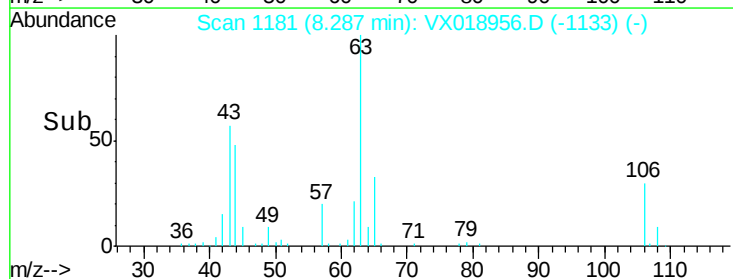
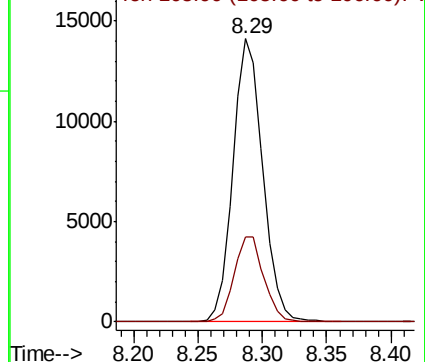
63 100

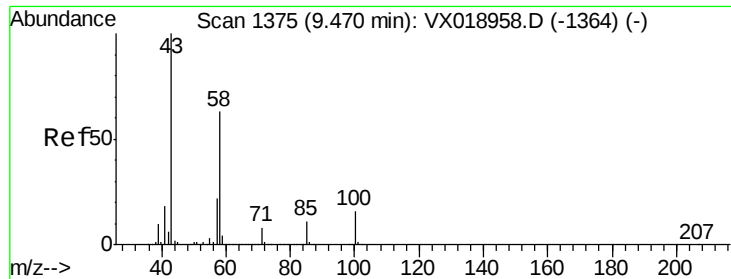
106 29.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

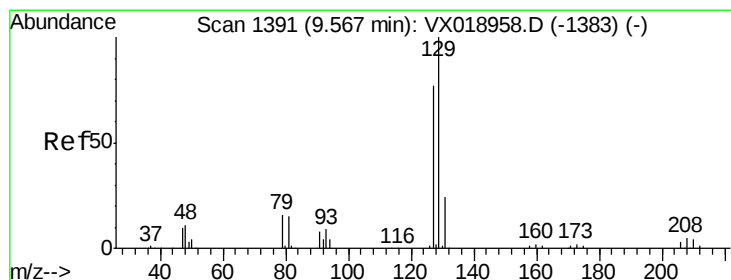
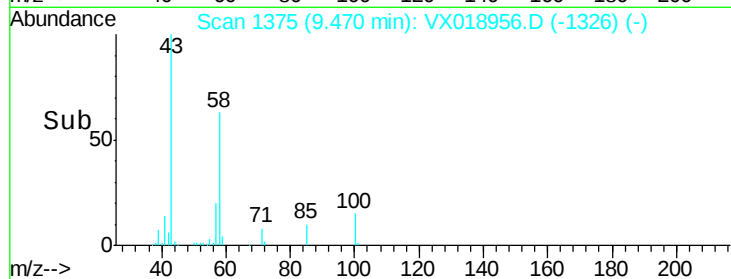
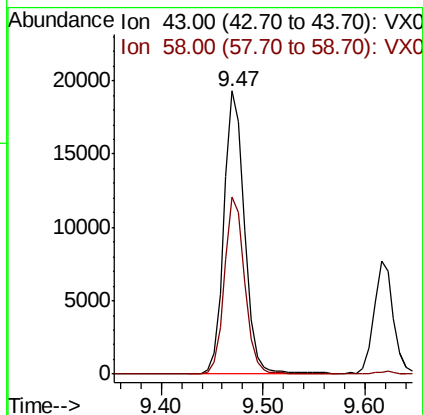
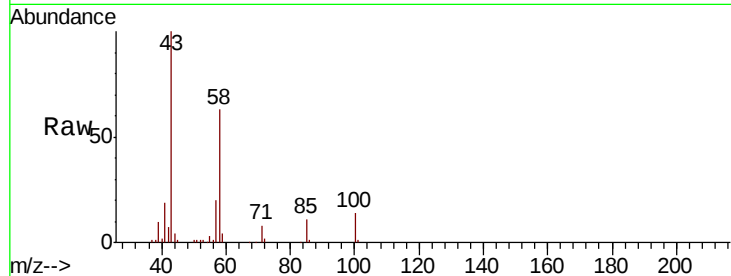




#59
2-Hexanone
Concen: 22.061 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

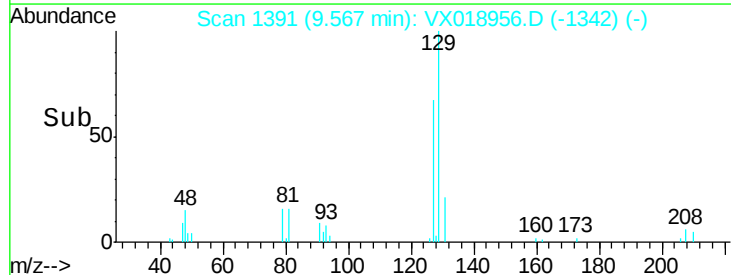
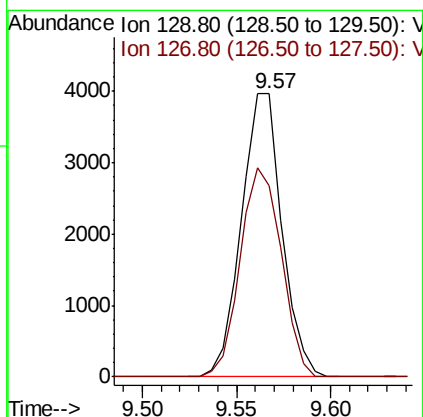
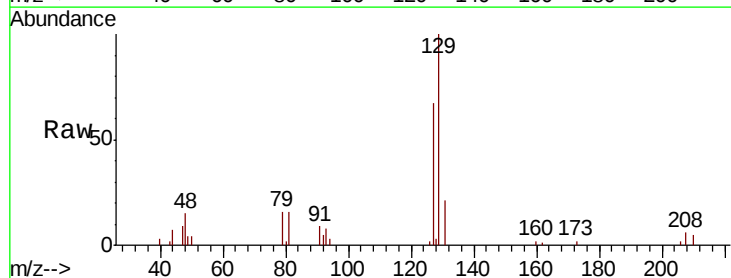
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

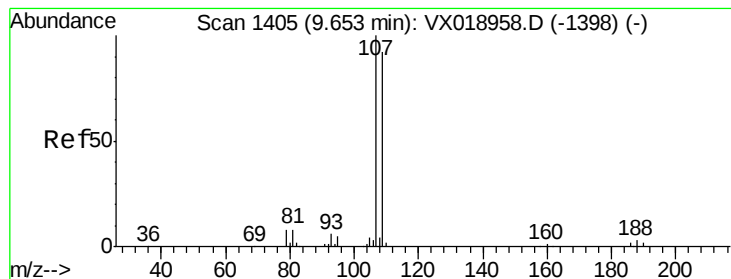
Tot Ion: 43 Resp: 27060
Ion Ratio Lower Upper
43 100
58 61.2 31.7 95.1



#60
Dibromochloromethane
Concen: 4.448 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 129 Resp: 5918
Ion Ratio Lower Upper
129 100
127 74.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 4.812 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

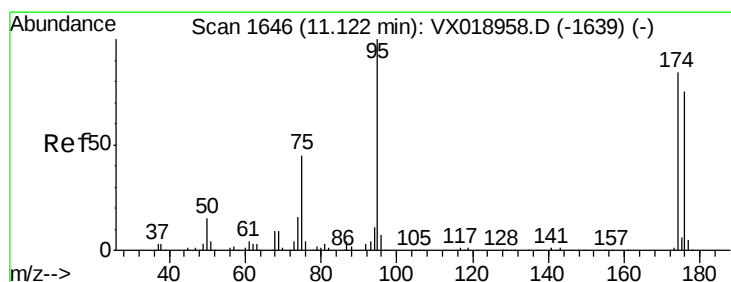
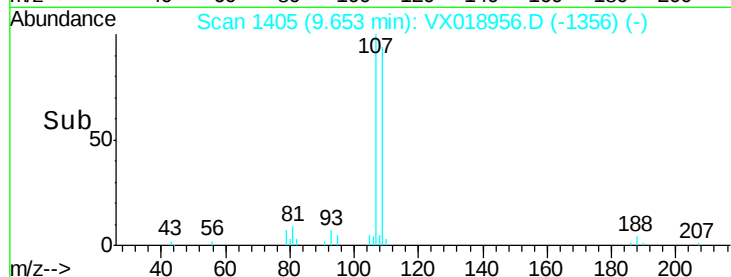
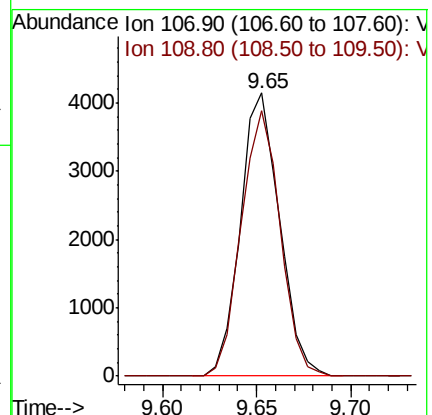
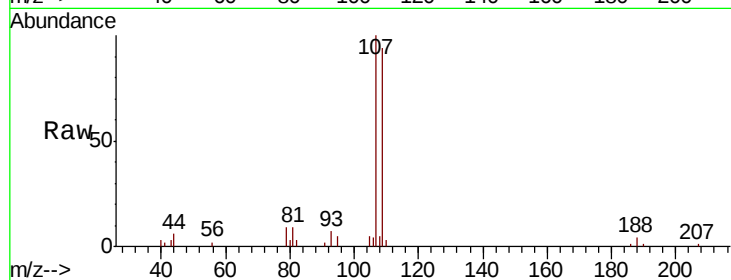
VSTDIC005

Tot Ion:107 Resp: 5966

Ion Ratio Lower Upper

107 100

109 93.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 4.931 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

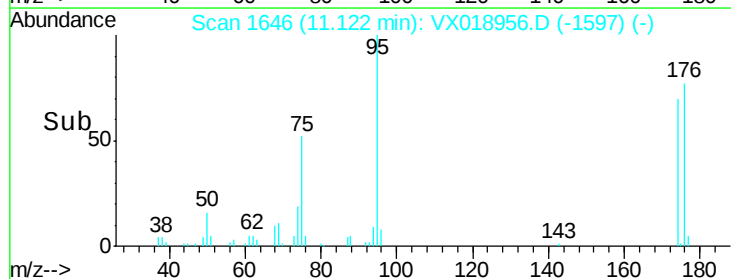
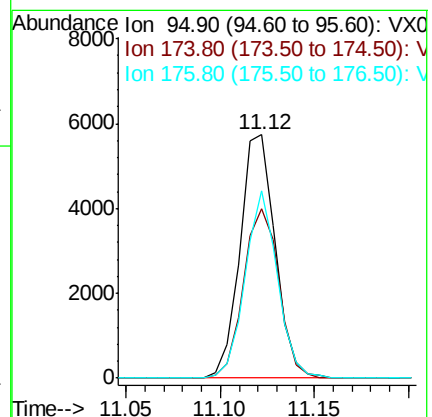
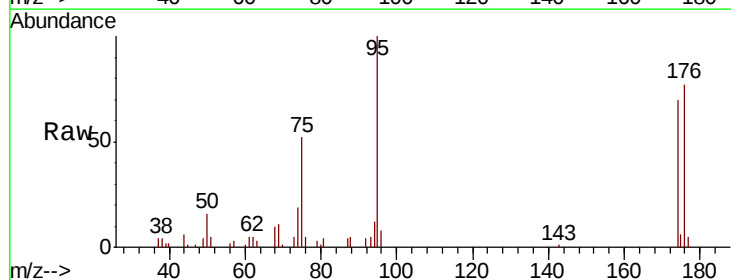
Tgt Ion: 95 Resp: 7451

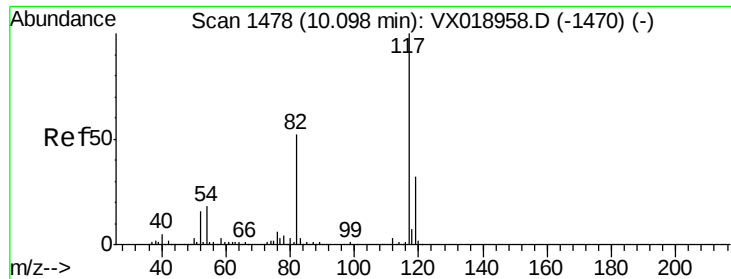
Ion Ratio Lower Upper

95 100

174 69.7 0.0 164.6

176 70.3 0.0 154.6

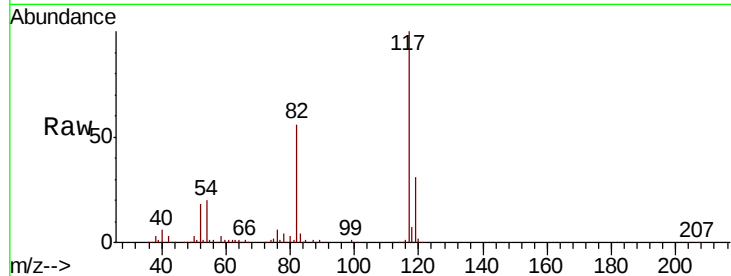




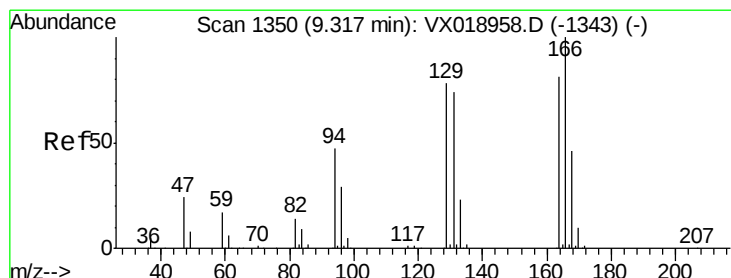
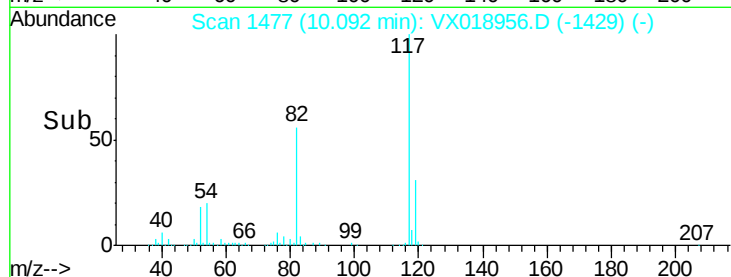
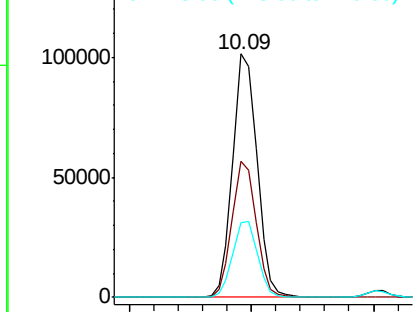
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:117 Resp: 139975
Ion Ratio Lower Upper
117 100
82 55.7 41.6 62.4
119 30.8 25.4 38.2

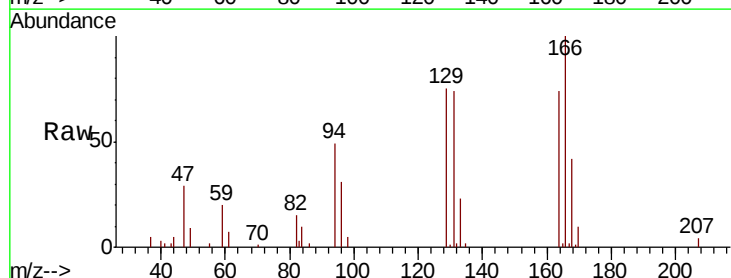


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

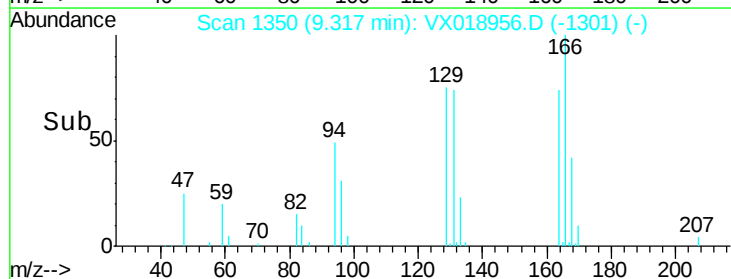
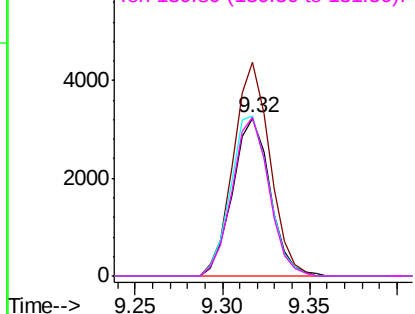


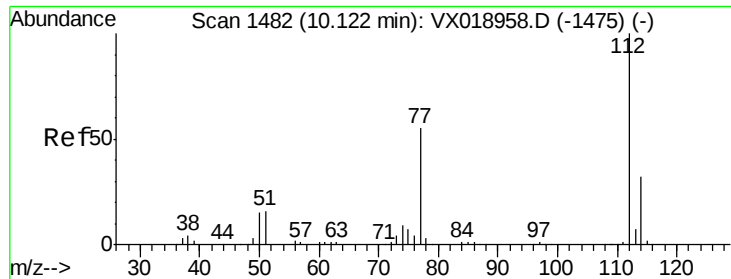
#64
Tetrachloroethene
Concen: 4.763 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion:164 Resp: 4850
Ion Ratio Lower Upper
164 100
166 135.5 98.9 148.3
129 101.2 77.0 115.4
131 100.7 73.0 109.6



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

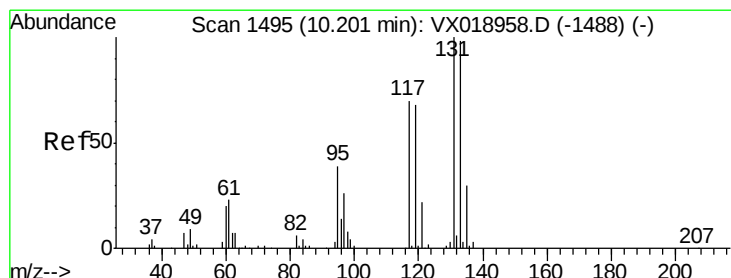
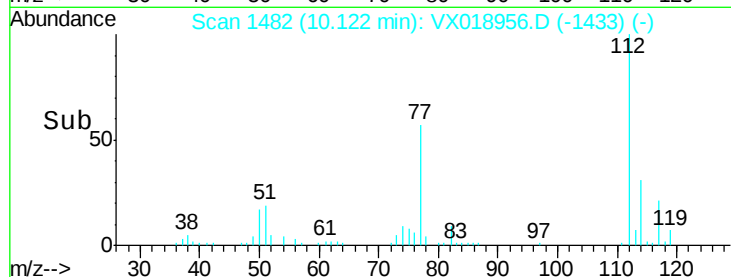
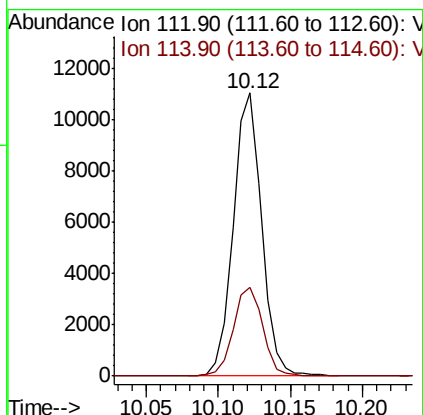
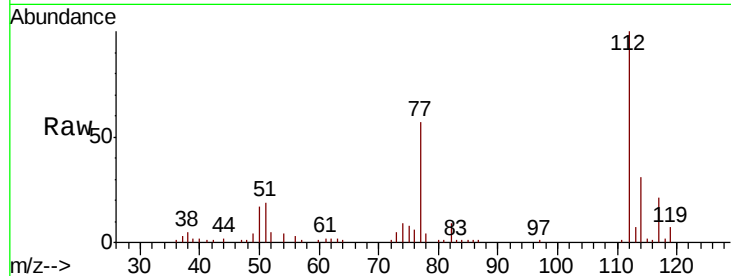




#65
Chlorobenzene
Concen: 5.400 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

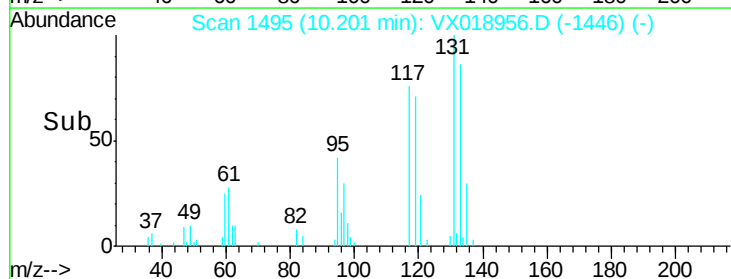
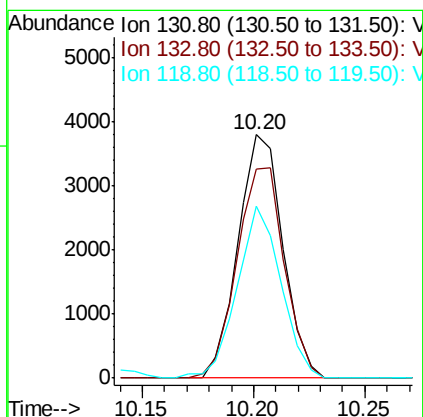
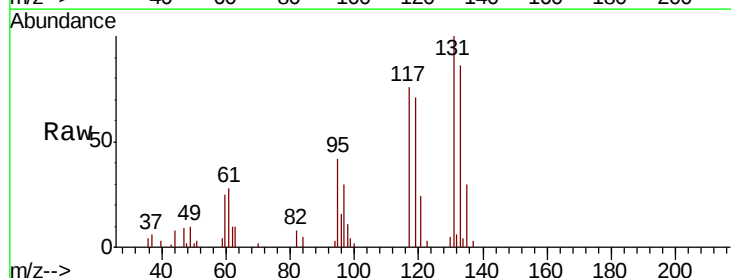
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

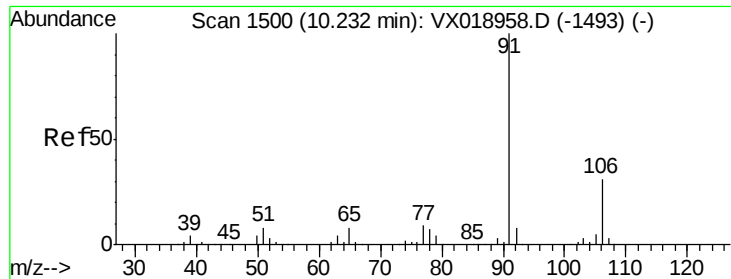
Tot Ion:112 Resp: 15163
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.863 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion:131 Resp: 5323
Ion Ratio Lower Upper
131 100
133 91.4 47.4 142.2
119 69.1 33.5 100.4

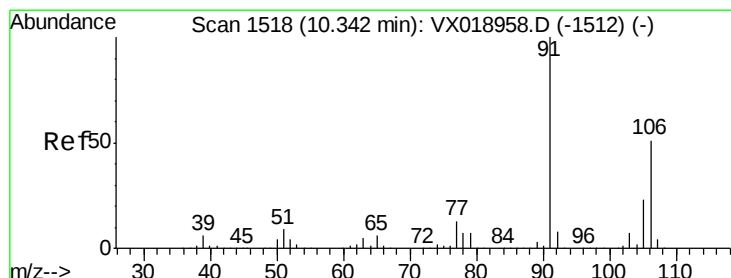
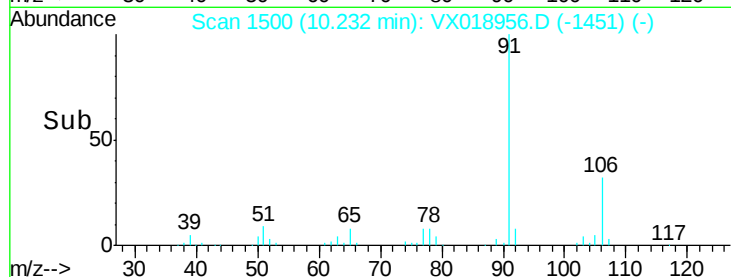
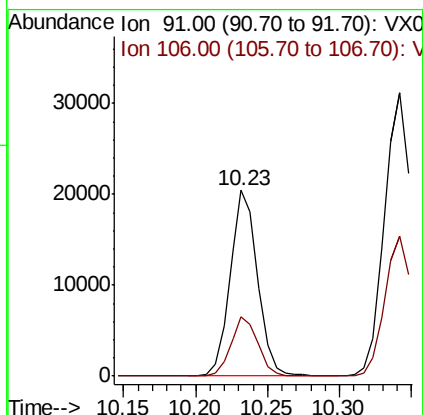
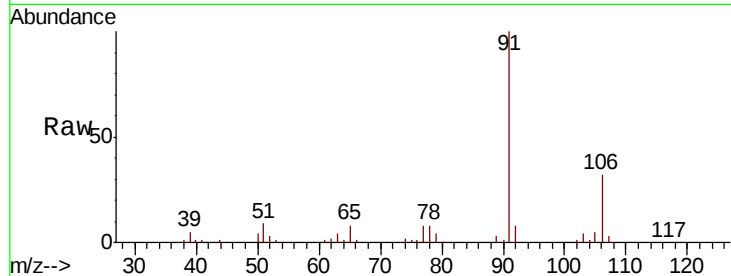




#67
Ethyl Benzene
Concen: 5.675 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

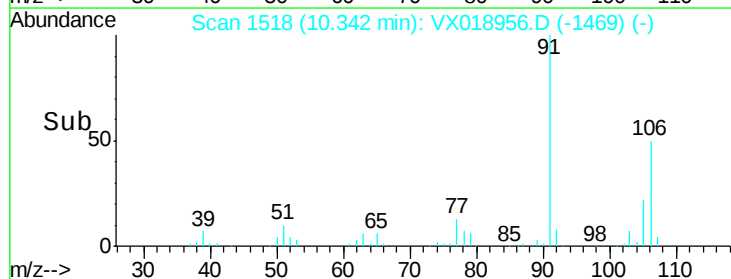
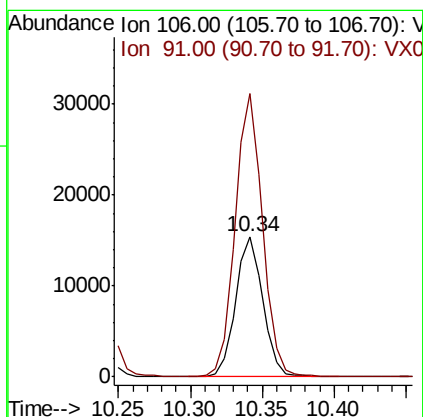
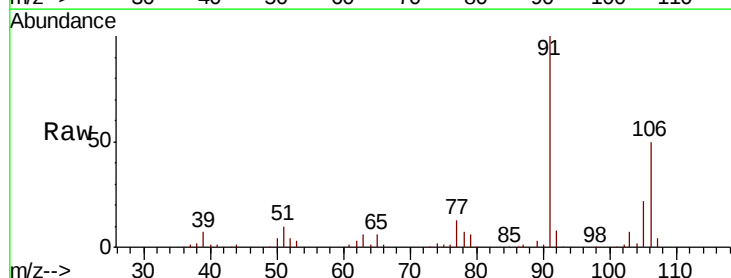
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

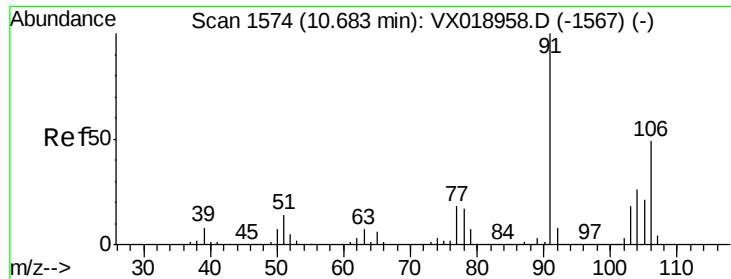
Tot Ion: 91 Resp: 27131
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1



#68
m/p-Xylenes
Concen: 11.415 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 106 Resp: 20461
Ion Ratio Lower Upper
106 100
91 202.4 156.7 235.1

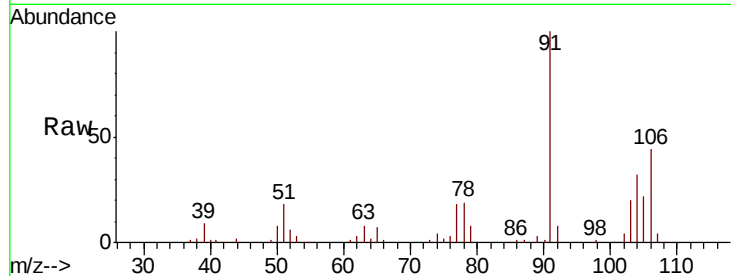




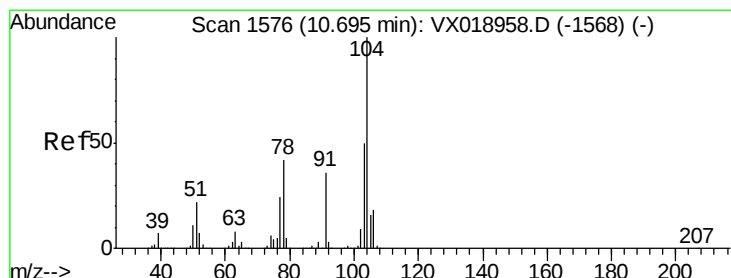
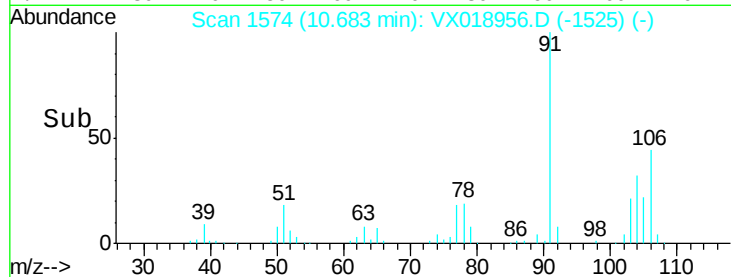
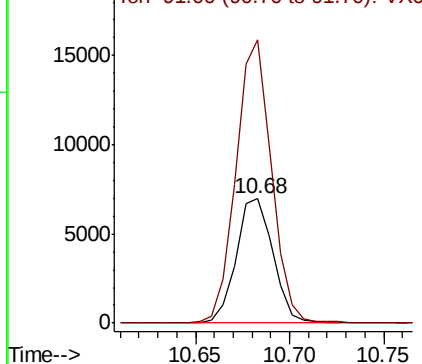
#69
o-Xylene
Concen: 5.414 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 9445
Ion Ratio Lower Upper
106 100
91 219.3 102.4 307.1

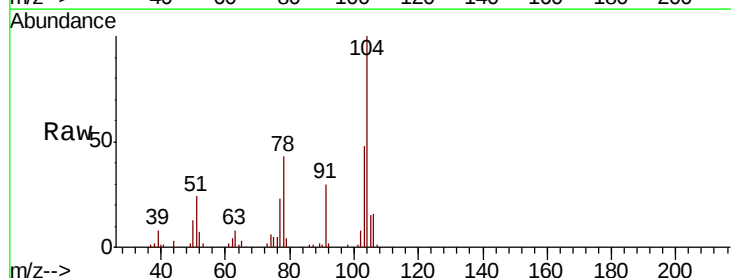


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

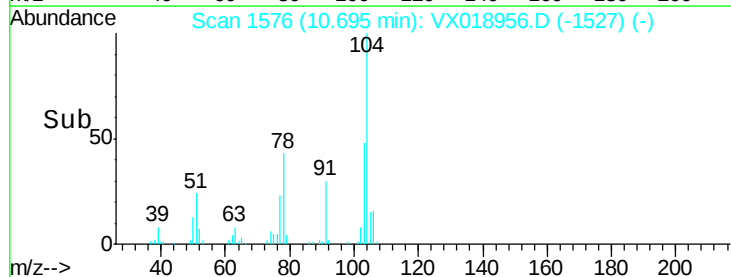
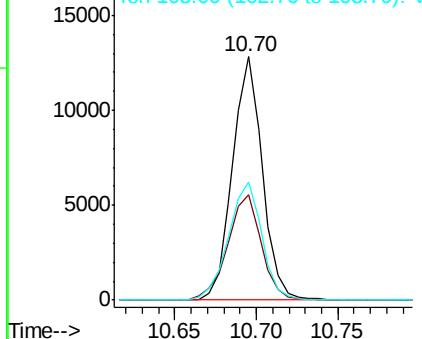


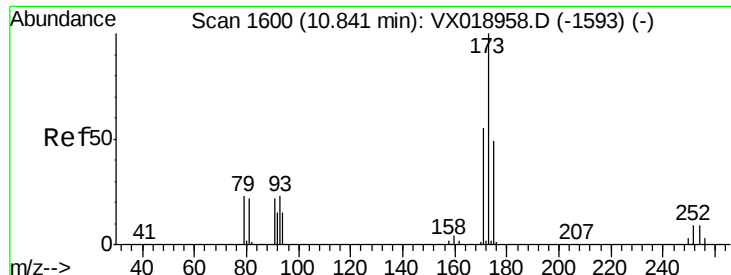
#70
Styrene
Concen: 5.530 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion:104 Resp: 16326
Ion Ratio Lower Upper
104 100
78 48.6 37.9 56.9
103 54.4 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.330 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

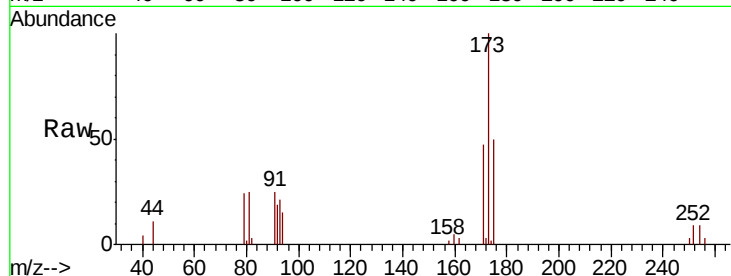
Tot Ion:173 Resp: 4024

Ion Ratio Lower Upper

173 100

175 48.8 23.7 71.1

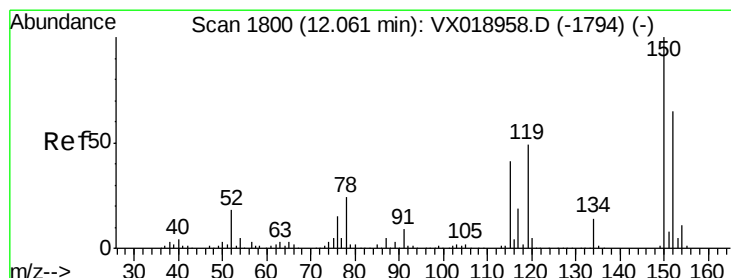
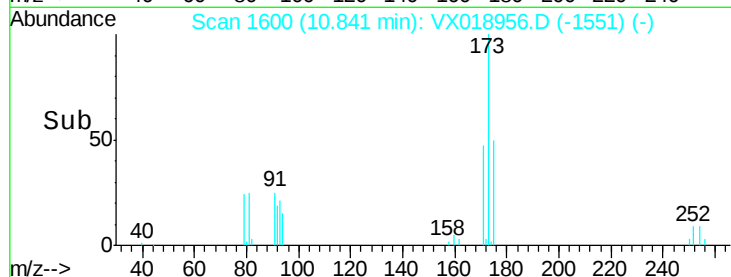
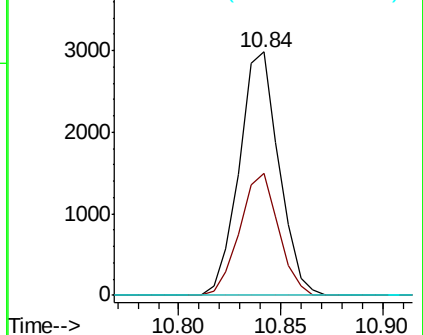
254 0.0 0.0 0.0



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

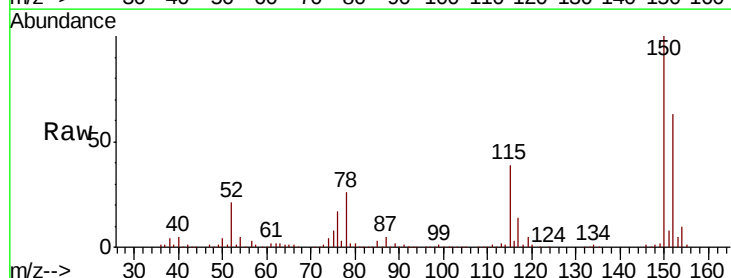
Tgt Ion:152 Resp: 64487

Ion Ratio Lower Upper

152 100

115 65.6 40.8 122.2

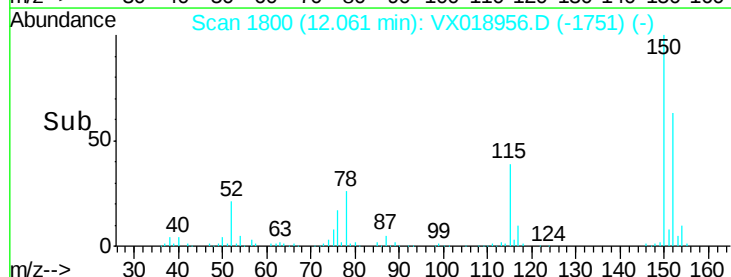
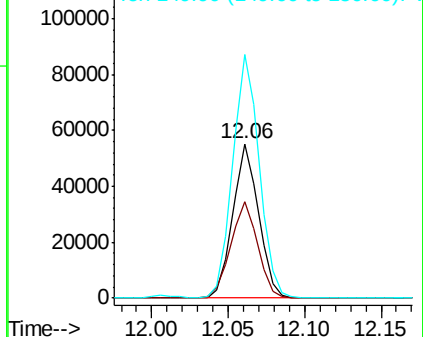
150 162.9 0.0 352.0

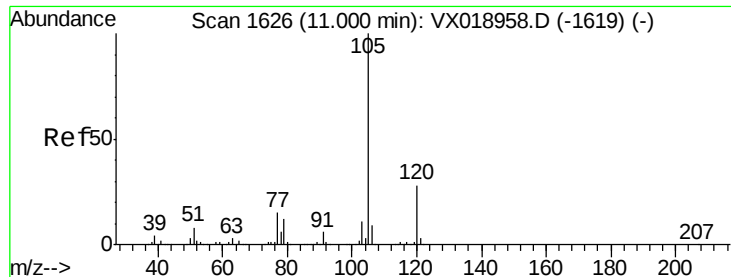


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.093 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

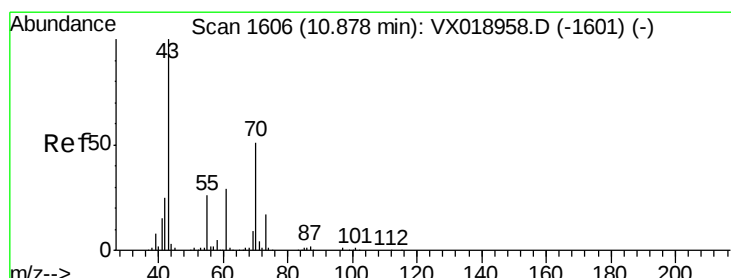
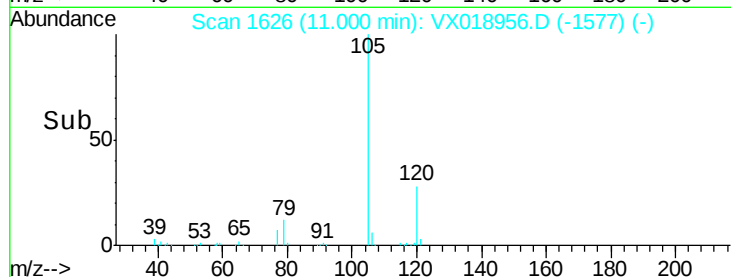
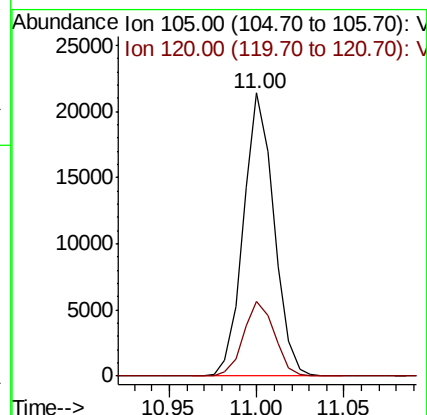
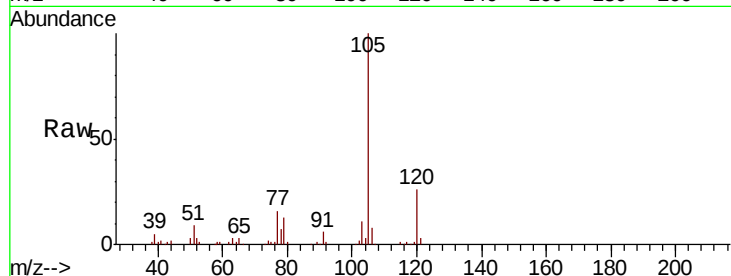
VSTDIC005

Tot Ion:105 Resp: 25932

Ion Ratio Lower Upper

105 100

120 26.8 13.9 41.7



#74

N-ethyl acetate

Concen: 5.205 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion: 43 Resp: 9992

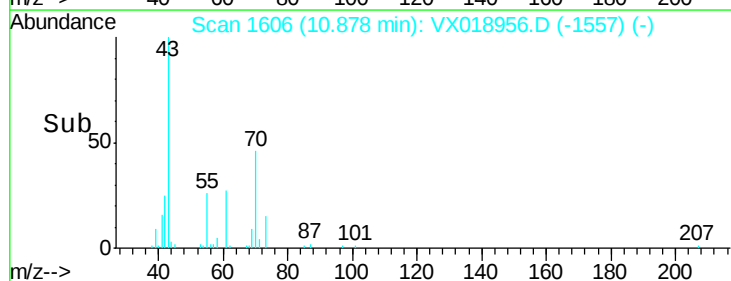
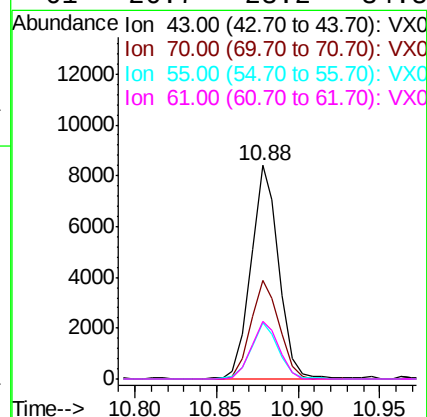
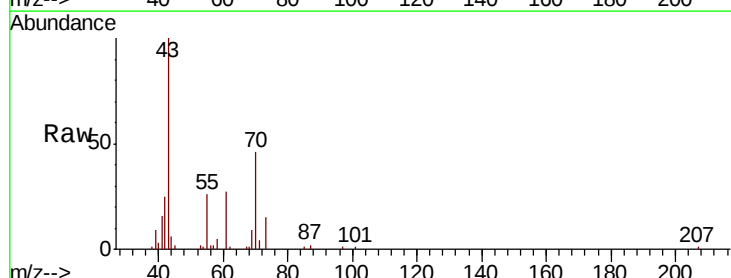
Ion Ratio Lower Upper

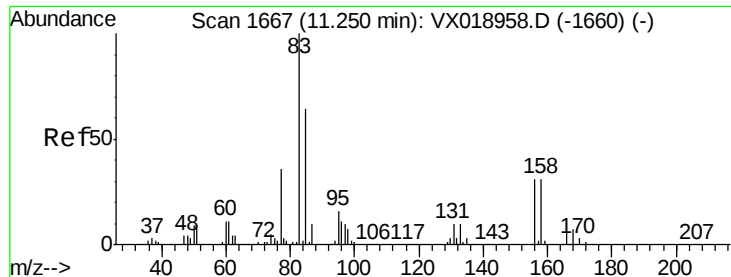
43 100

70 47.1 42.4 63.6

55 26.4 21.0 31.6

61 26.7 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.722 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

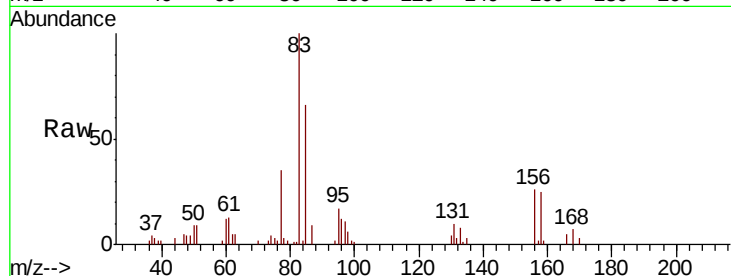
Tot Ion: 83 Resp: 8570

Ion Ratio Lower Upper

83 100

131 9.4 5.3 15.9

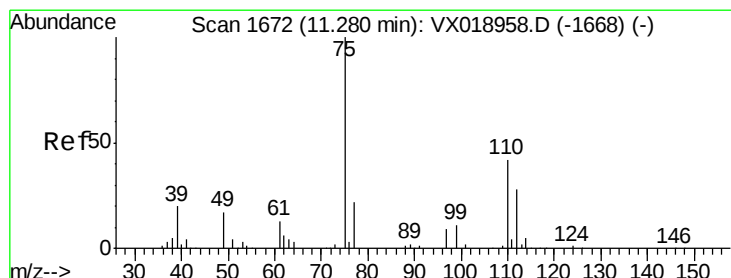
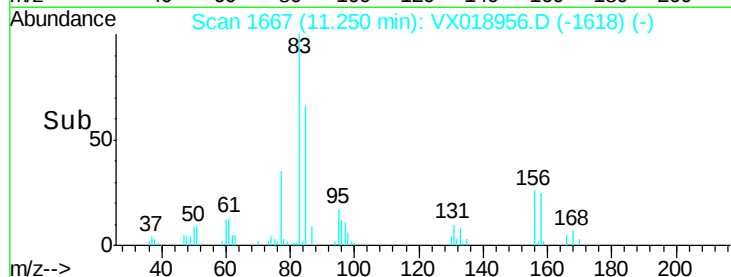
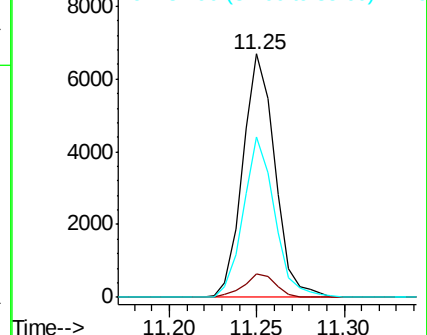
85 64.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 7.306 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018956.D

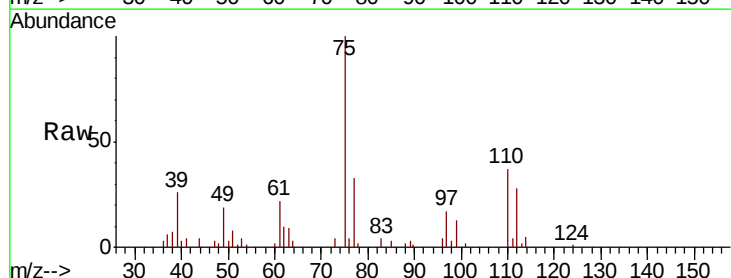
Acq: 19 Oct 2020 16:51

Tgt Ion: 75 Resp: 10357

Ion Ratio Lower Upper

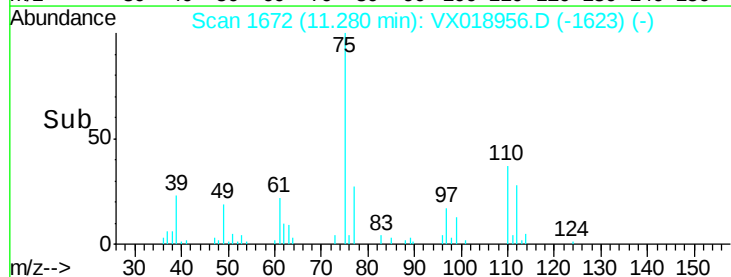
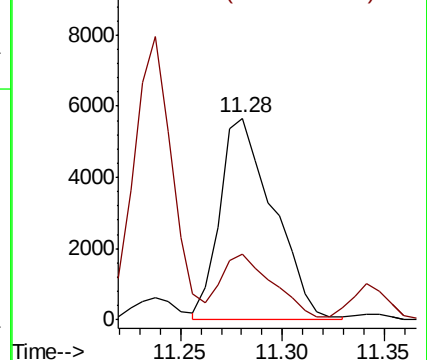
75 100

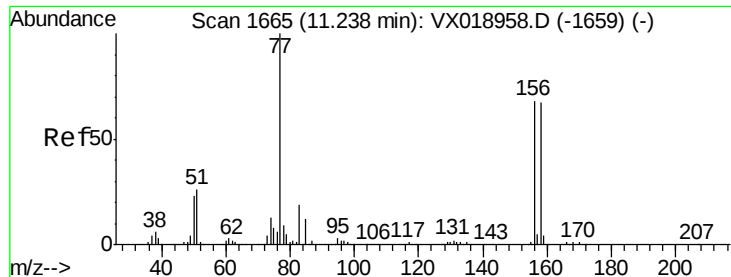
77 32.2 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.014 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

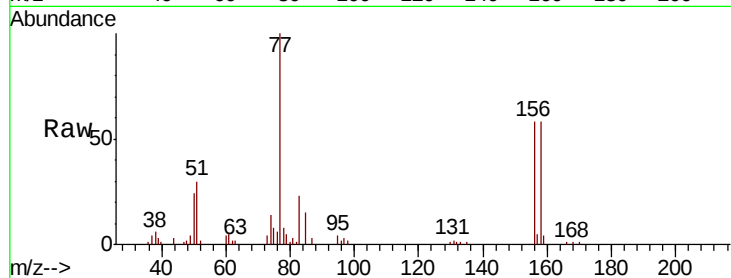
Tot Ion:156 Resp: 5843

Ion Ratio Lower Upper

156 100

77 177.7 77.4 232.2

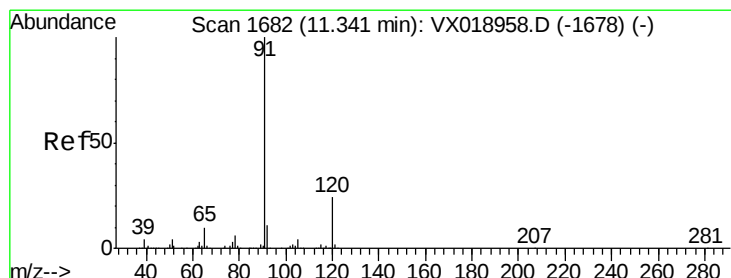
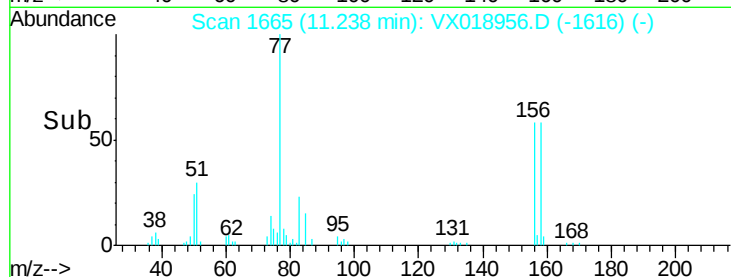
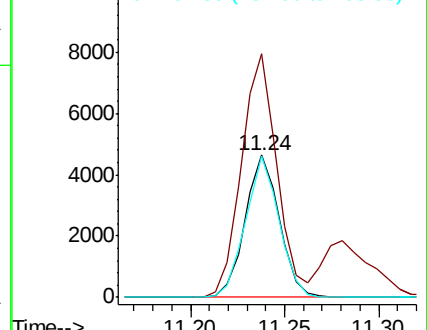
158 97.1 50.6 151.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 6.134 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018956.D

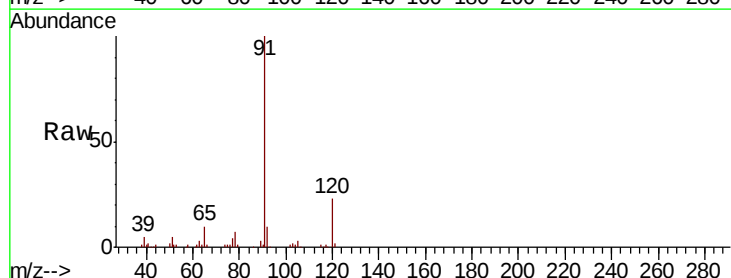
Acq: 19 Oct 2020 16:51

Tgt Ion: 91 Resp: 29686

Ion Ratio Lower Upper

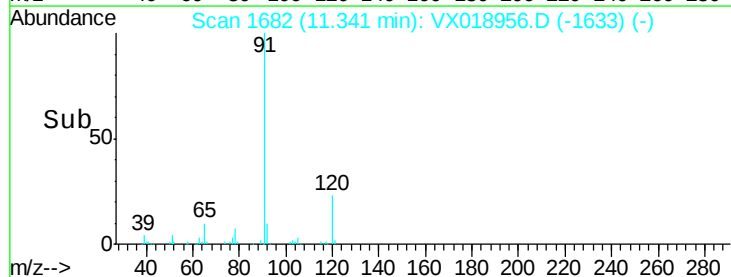
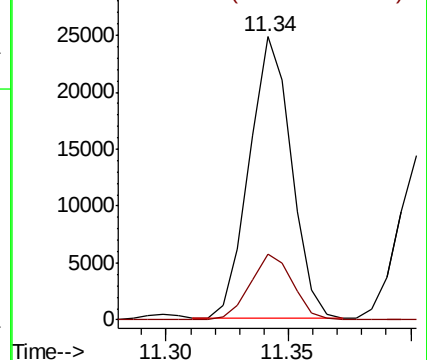
91 100

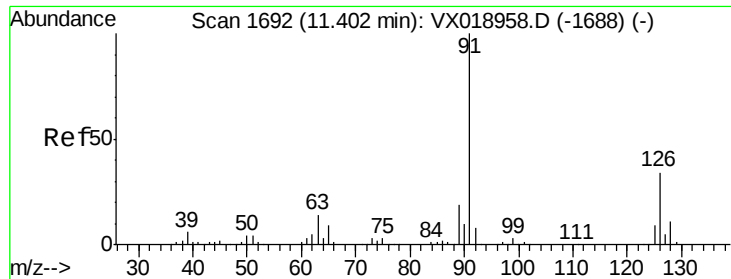
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

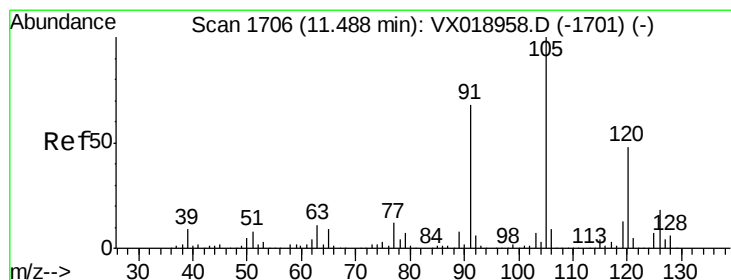
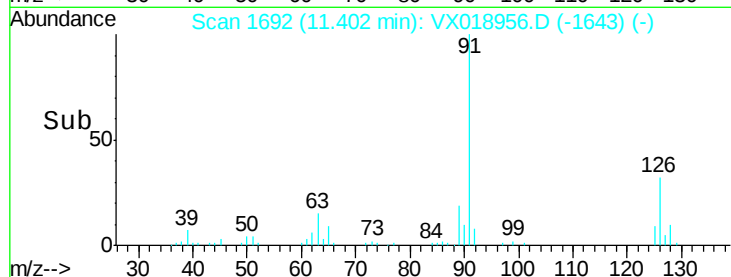
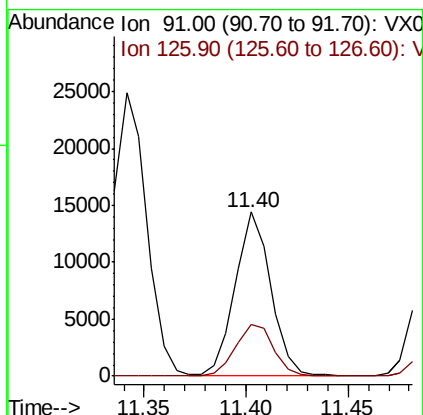
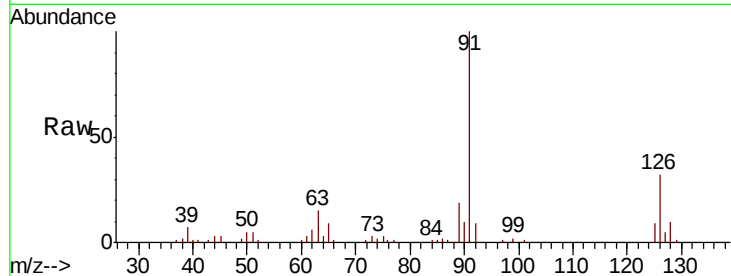




#79
2-Chlorotoluene
Concen: 5.845 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

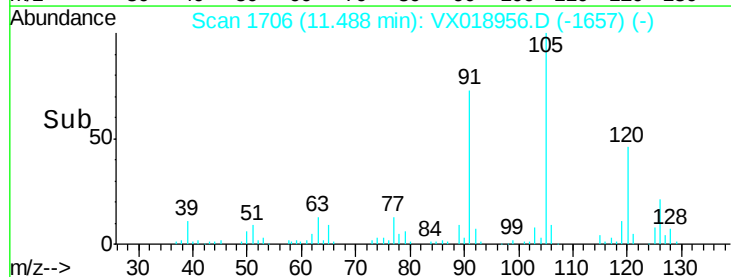
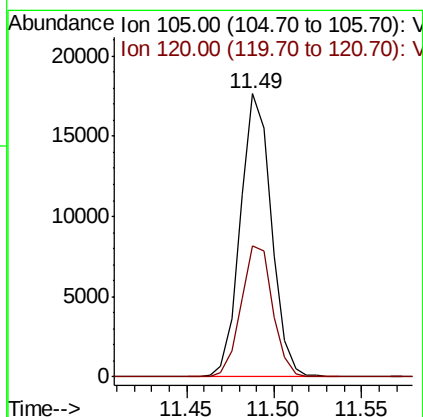
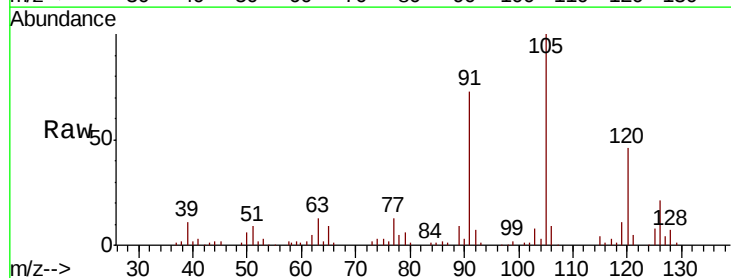
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

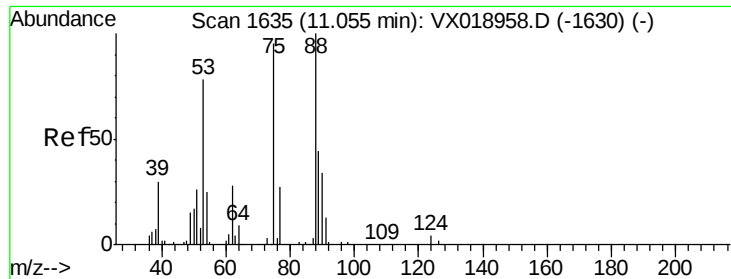
Tot Ion: 91 Resp: 17333
Ion Ratio Lower Upper
91 100
126 33.6 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 6.190 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 105 Resp: 21732
Ion Ratio Lower Upper
105 100
120 47.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 5.797 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

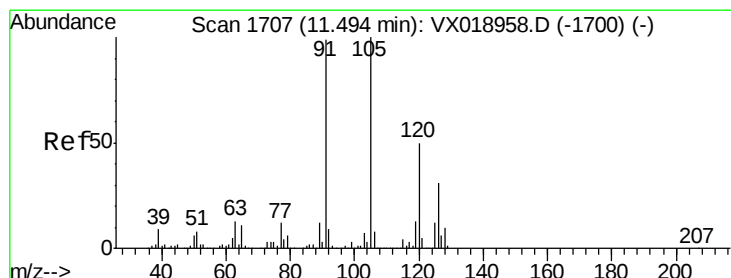
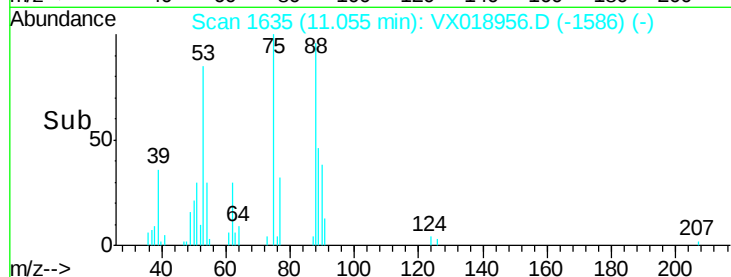
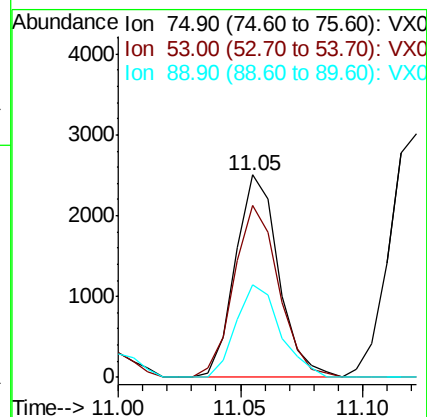
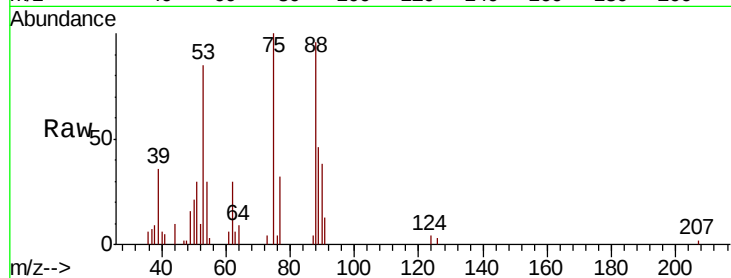
Tot Ion: 75 Resp: 3082

Ion Ratio Lower Upper

75 100

53 88.2 64.2 96.2

89 46.9 38.6 58.0



#82

4-Chlorotoluene

Concen: 5.865 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018956.D

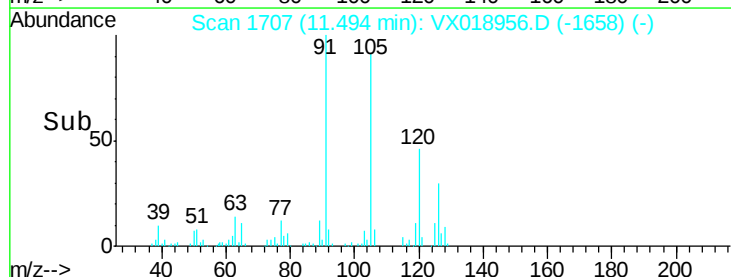
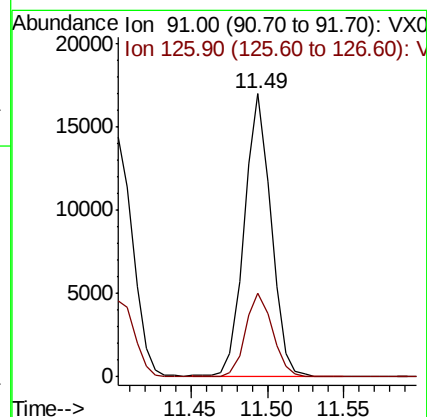
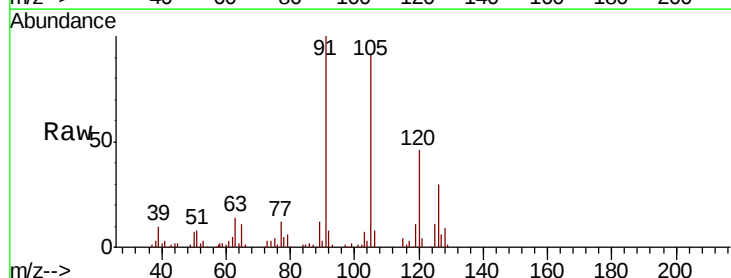
Acq: 19 Oct 2020 16:51

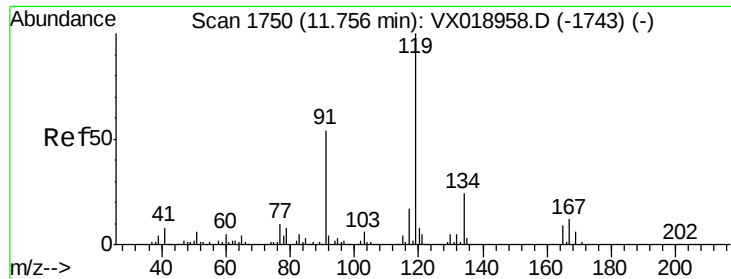
Tgt Ion: 91 Resp: 20711

Ion Ratio Lower Upper

91 100

126 29.8 15.8 47.4

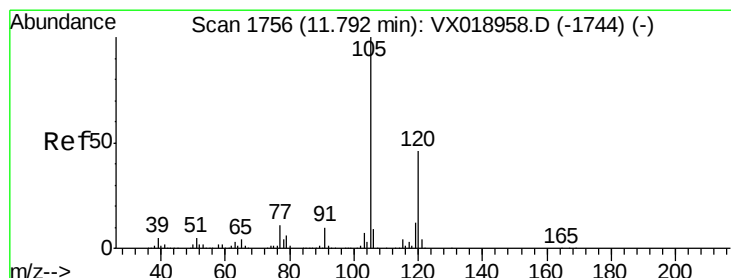
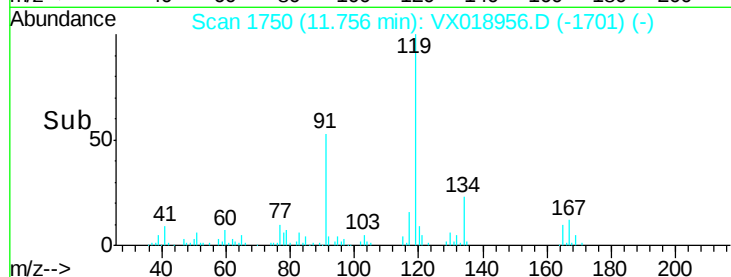
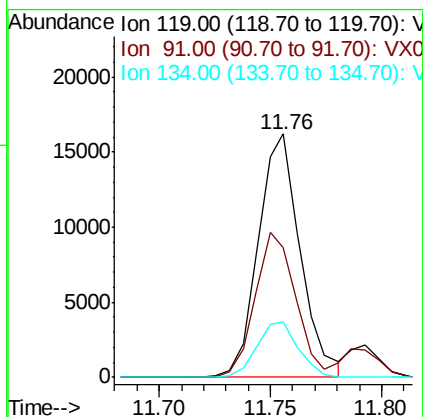
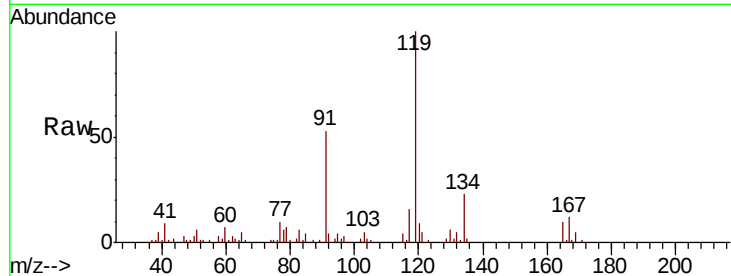




#83
 tert-Butylbenzene
 Concen: 6.087 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

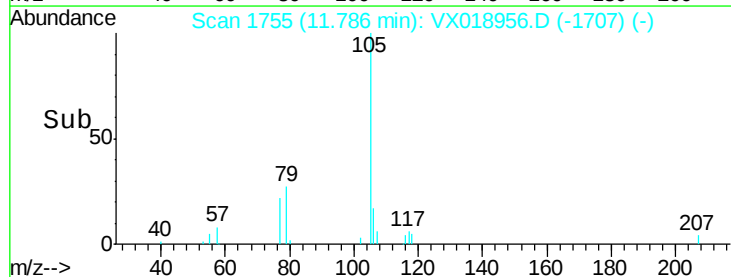
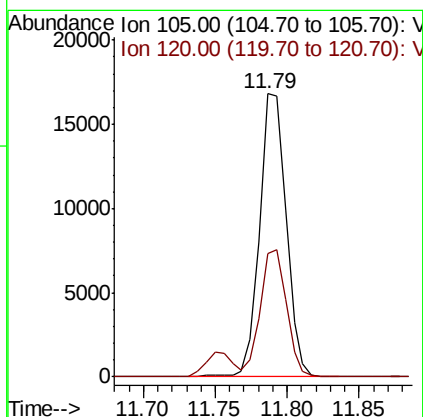
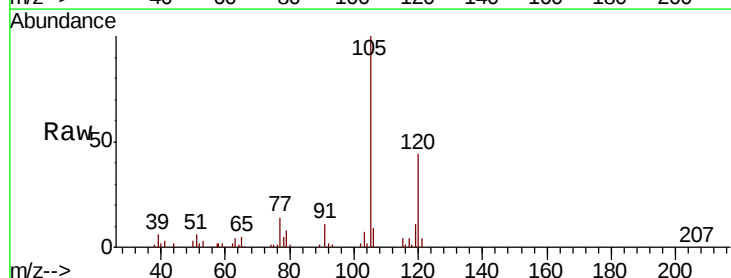
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

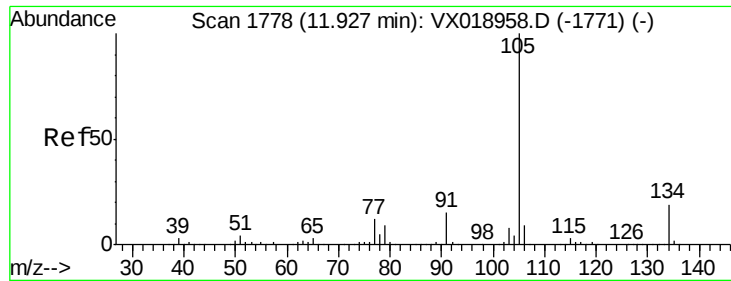
Tot Ion:119 Resp: 21220
 Ion Ratio Lower Upper
 119 100
 91 57.6 27.2 81.6
 134 22.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.967 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion:105 Resp: 21400
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 6.472 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

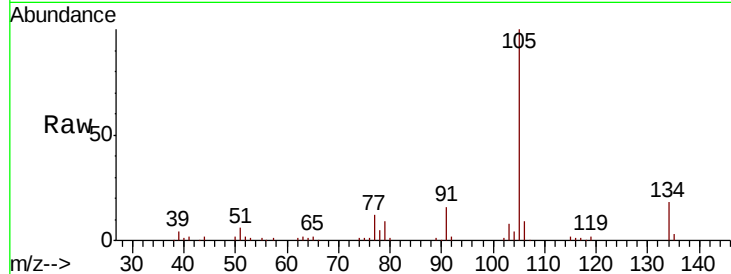
VSTDIC005

Tot Ion:105 Resp: 25726

Ion Ratio Lower Upper

105 100

134 18.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

20000

15000

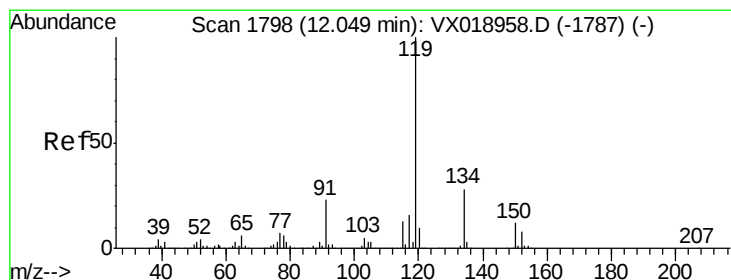
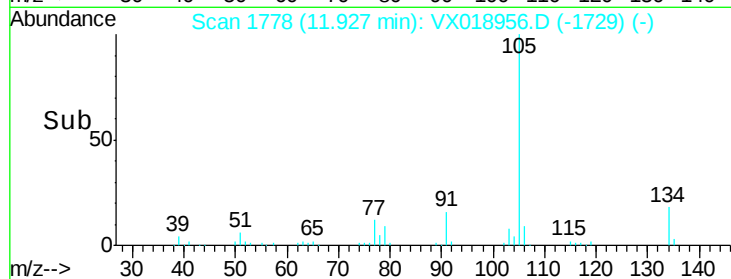
10000

5000

0

Time-->

11.90 11.95



#86

p-Isopropyltoluene

Concen: 6.171 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

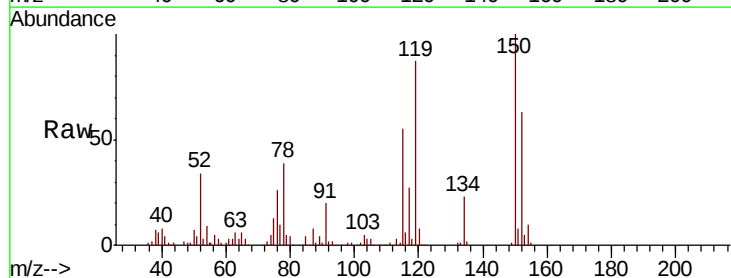
Tgt Ion:119 Resp: 22430

Ion Ratio Lower Upper

119 100

134 26.3 13.8 41.4

91 25.3 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

25000

20000

15000

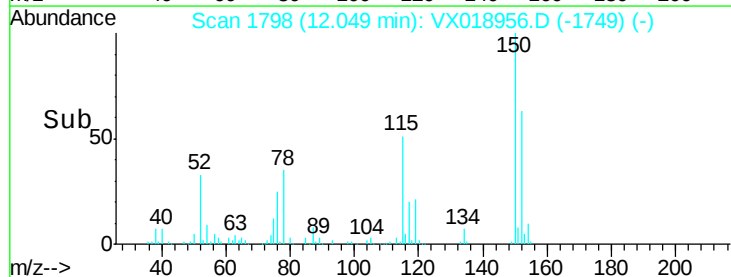
10000

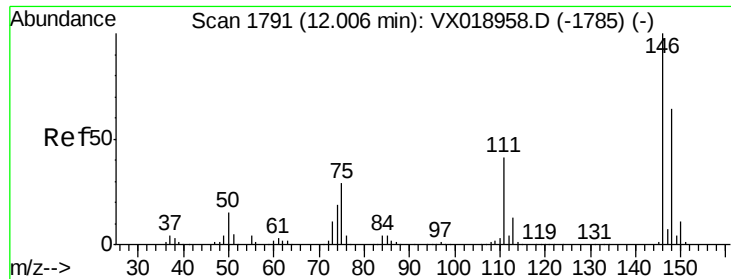
5000

0

Time-->

12.00 12.05 12.10

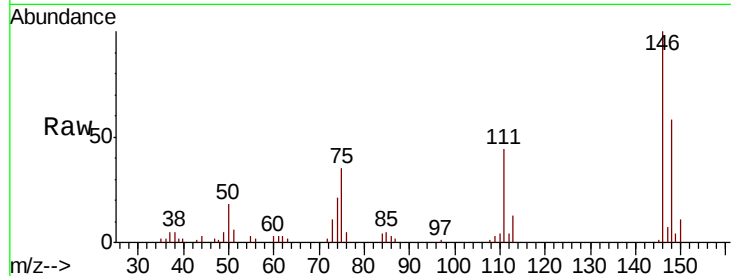




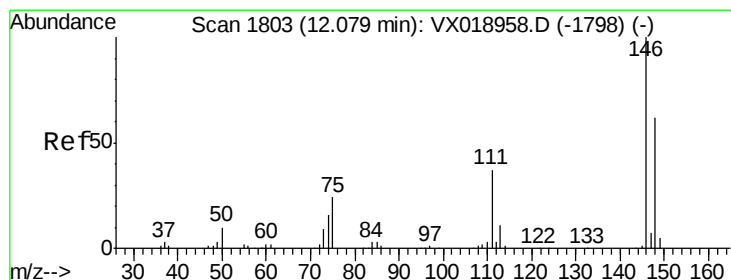
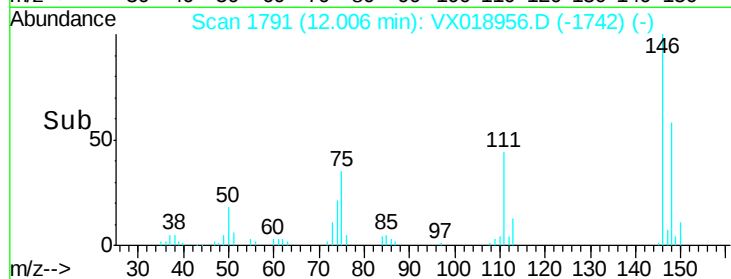
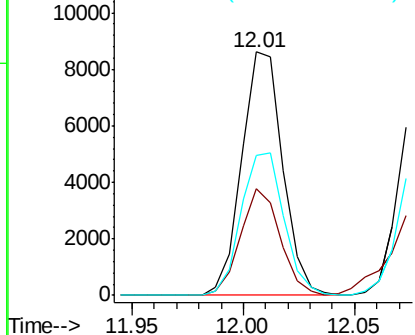
#87
 1,3-Dichlorobenzene
 Concen: 5.374 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	19.8	59.4
148	60.9	32.4	97.2

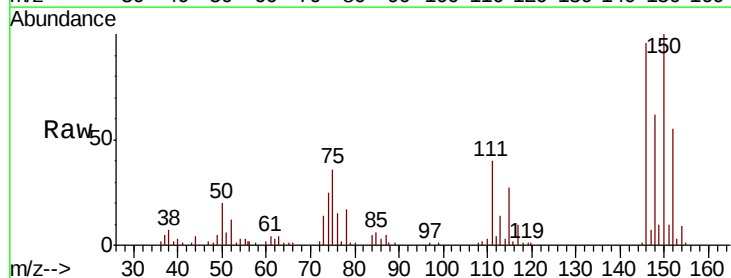


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

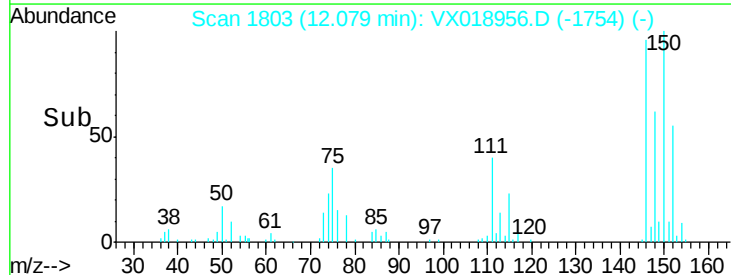
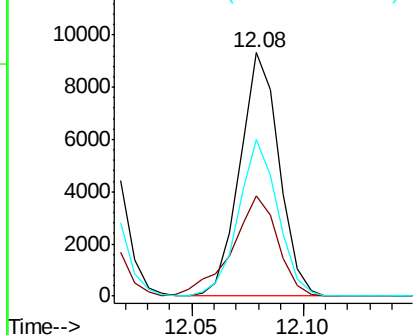


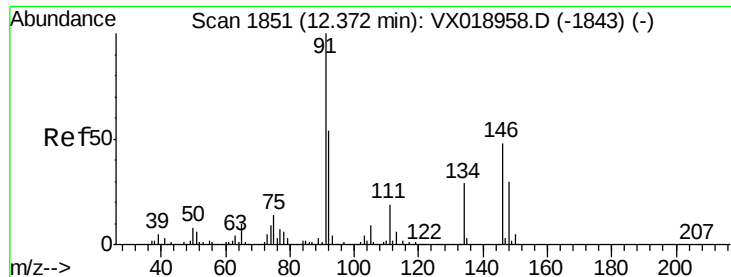
#88
 1,4-Dichlorobenzene
 Concen: 5.496 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.8	18.8	56.3
148	64.4	31.7	95.1



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





#89

n-Butylbenzene

Concen: 6.361 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

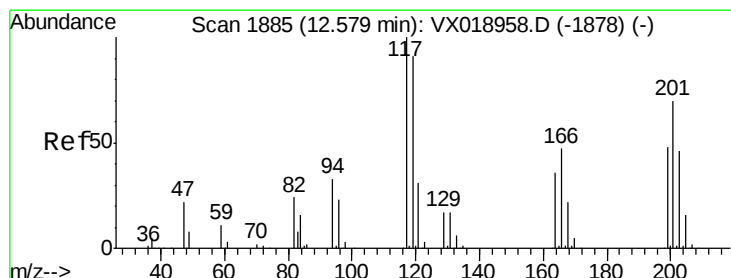
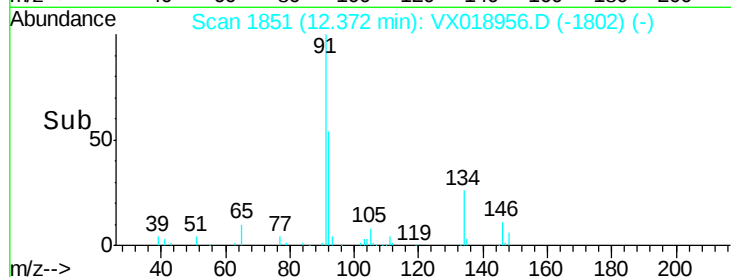
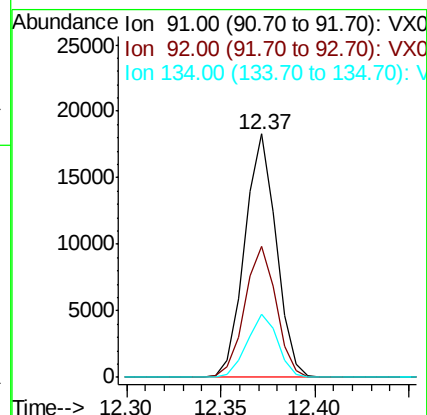
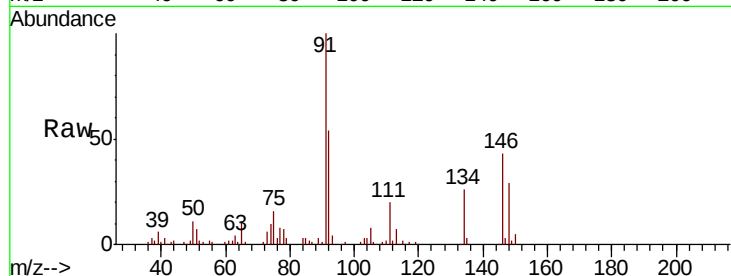
Tot Ion: 91 Resp: 21195

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 25.6 14.2 42.6



#90

Hexachloroethane

Concen: 5.296 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018956.D

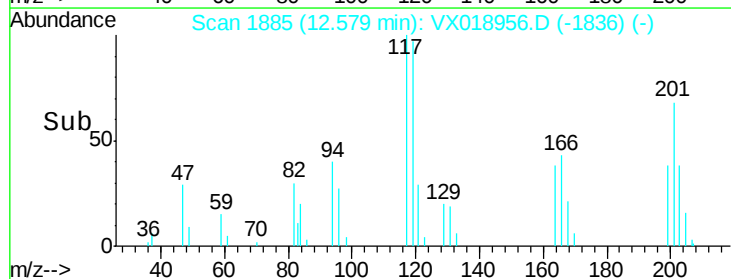
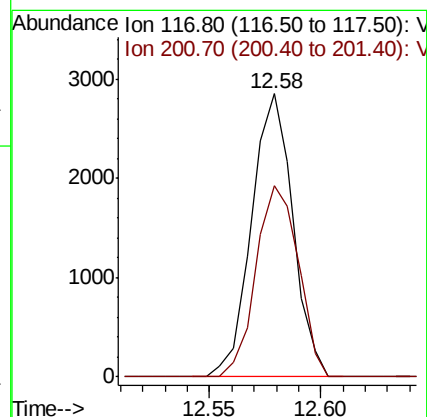
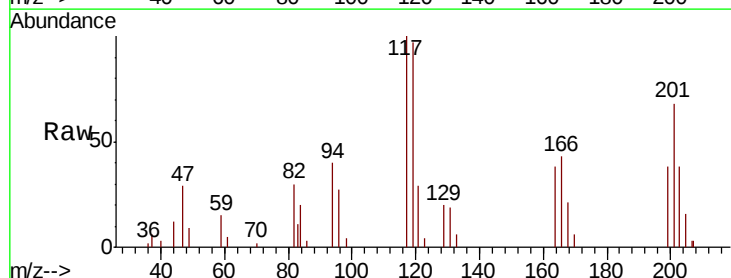
Acq: 19 Oct 2020 16:51

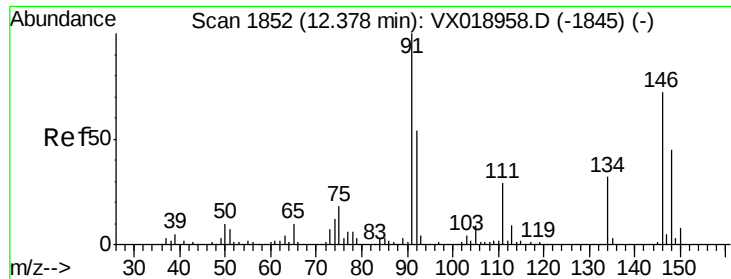
Tgt Ion: 117 Resp: 3691

Ion Ratio Lower Upper

117 100

201 69.1 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 5.397 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

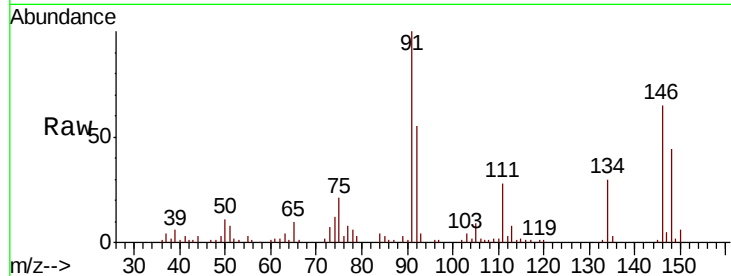
Tot Ion:146 Resp: 10544

Ion Ratio Lower Upper

146 100

111 44.3 20.2 60.6

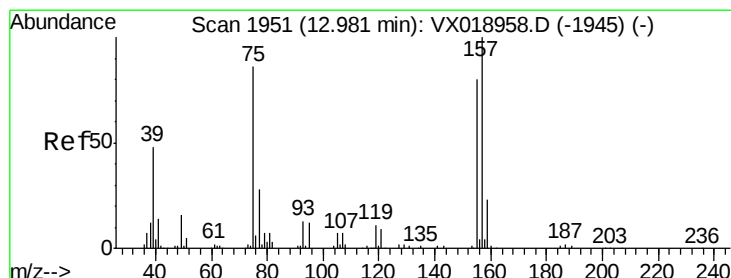
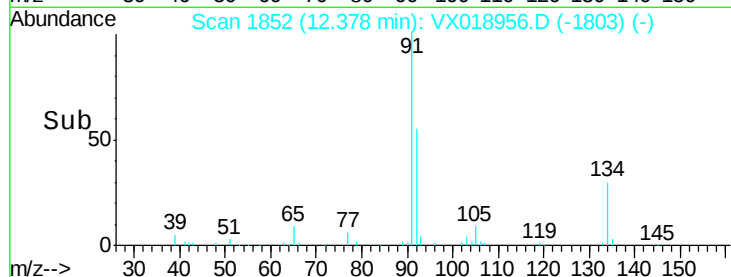
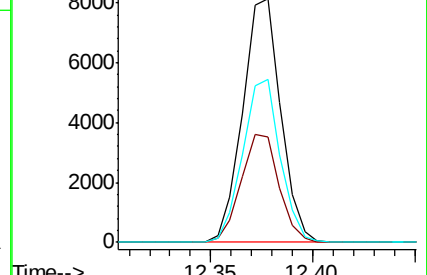
148 66.0 31.4 94.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.165 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

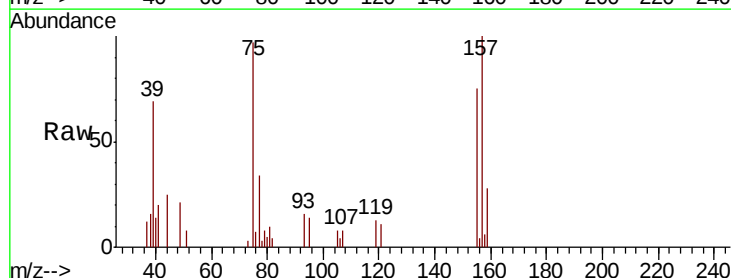
Tgt Ion: 75 Resp: 1913

Ion Ratio Lower Upper

75 100

155 81.4 48.2 144.6

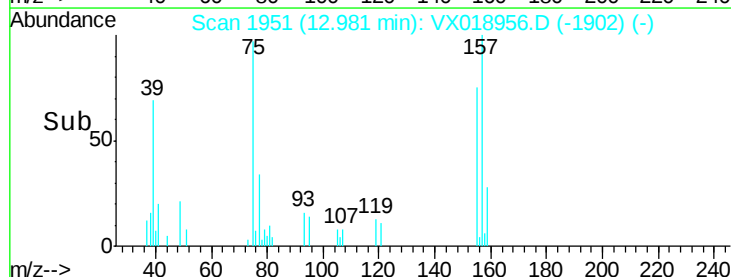
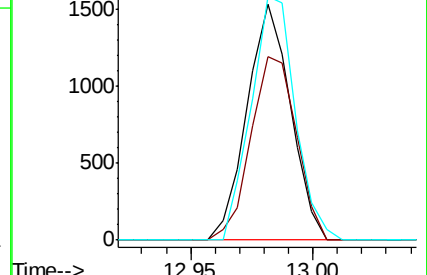
157 104.4 62.2 186.6

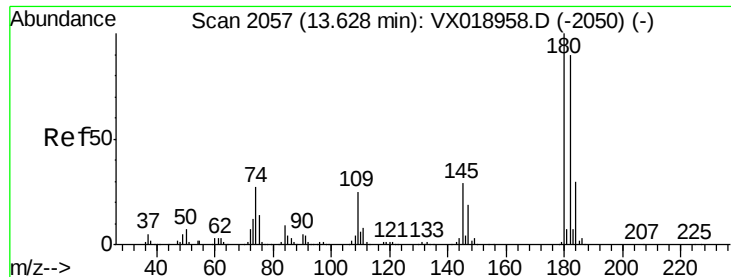


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

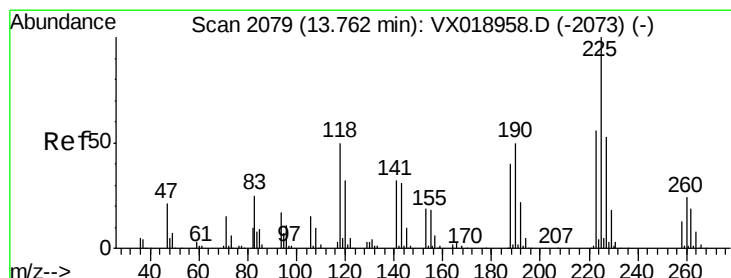
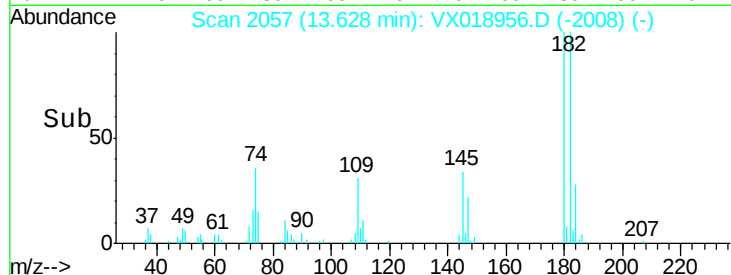
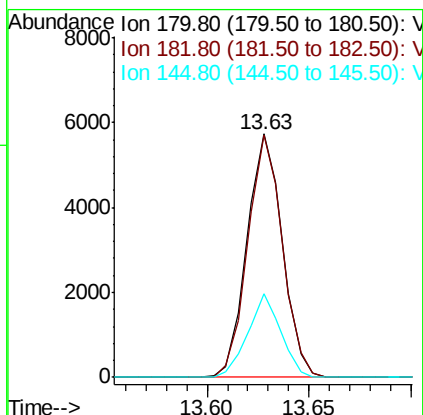
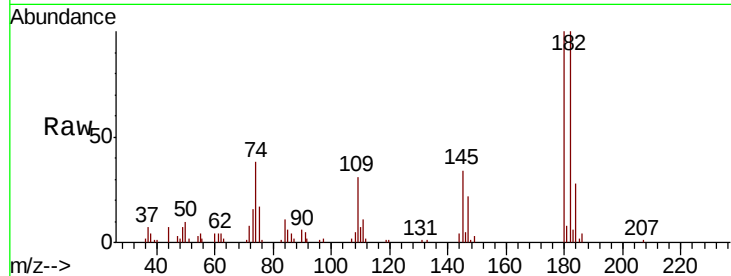




#93
 1,2,4-Trichlorobenzene
 Concen: 5.305 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

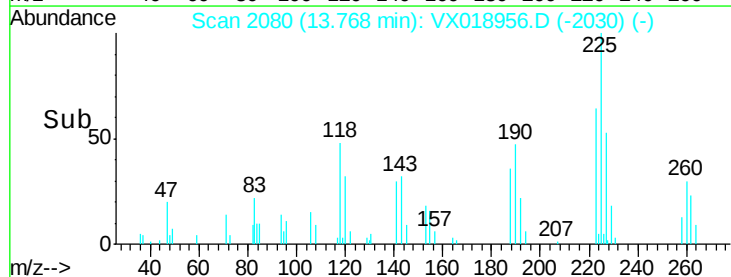
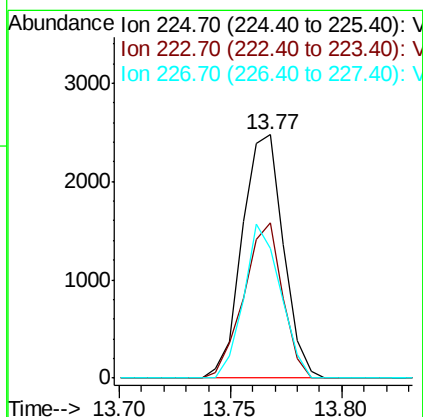
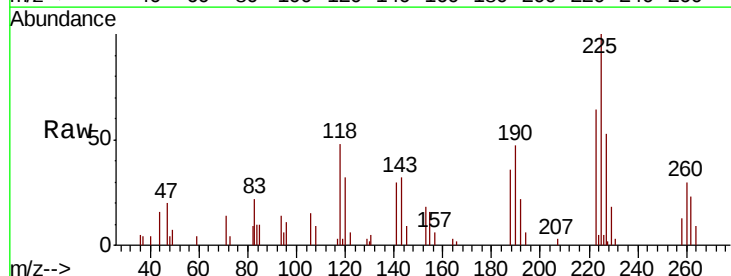
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

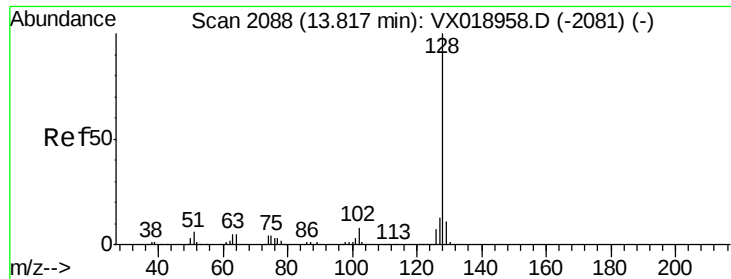
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.3	138.9
145	32.1	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 6.137 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	31.4	94.0
227	56.5	30.9	92.8

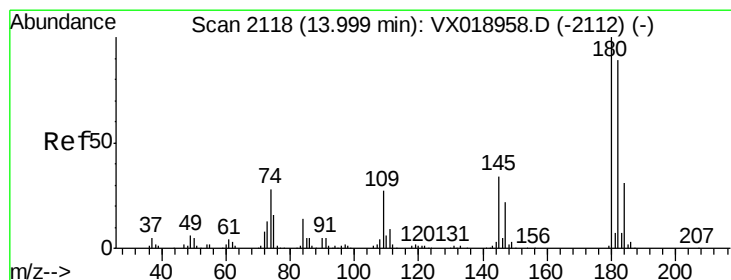
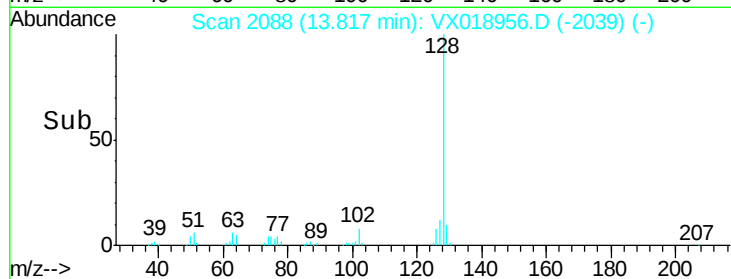
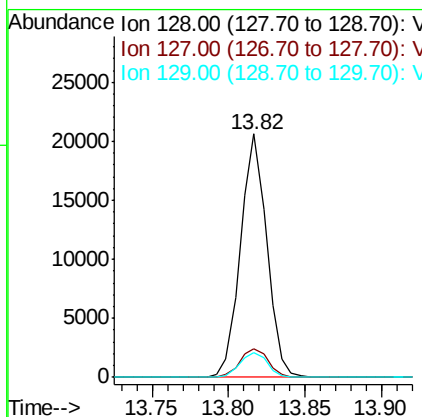
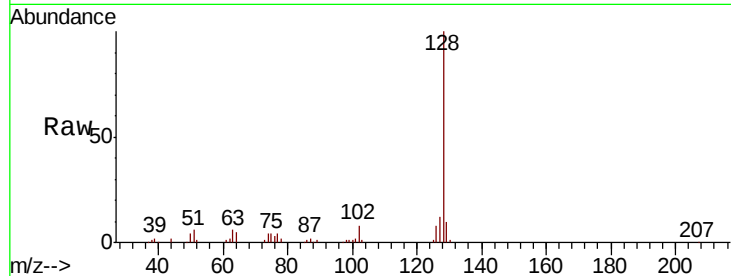




#95
Naphthalene
Concen: 5.693 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:128 Resp: 24573
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 5.399 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion:180 Resp: 6964
Ion Ratio Lower Upper
180 100
182 94.3 46.6 139.7
145 32.5 17.0 51.0

