

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018959.D
 Acq On : 19 Oct 2020 17:59
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 19 18:22:56 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	114630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	192860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	174452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	91229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	137693	87.83	ug/l	0.00
Spiked Amount			Recovery	=	175.66%	
35) Dibromofluoromethane	5.46	113	125169	97.64	ug/l	0.00
Spiked Amount			Recovery	=	195.28%	
50) Toluene-d8	8.70	98	483191	100.25	ug/l	0.00
Spiked Amount			Recovery	=	200.50%	
62) 4-Bromofluorobenzene	11.12	95	167439	89.82	ug/l	0.00
Spiked Amount			Recovery	=	179.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	102265	77.028	ug/l	98
3) Chloromethane	1.31	50	101135	71.346	ug/l	98
4) Vinyl Chloride	1.39	62	142042	96.281	ug/l	99
5) Bromomethane	1.62	94	94283	114.522	ug/l	99
6) Chloroethane	1.70	64	103473	123.136	ug/l	98
7) Trichlorofluoromethane	1.91	101	240380	114.786	ug/l	99
8) Diethyl Ether	2.17	74	93447	126.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	126908	111.319	ug/l	99
10) Methyl Iodide	2.49	142	139082	130.994	ug/l	97
11) Tert butyl alcohol	3.03	59	152367	480.598	ug/l	100
12) 1,1-Dichloroethene	2.35	96	137029	115.189	ug/l	99
13) Acrolein	2.27	56	104412	707.459	ug/l	100
14) Allyl chloride	2.70	41	157994	80.773	ug/l	99
15) Acrylonitrile	3.12	53	294271	425.227	ug/l	99
16) Acetone	2.42	43	246150	399.886	ug/l	99
17) Carbon Disulfide	2.54	76	302195	89.070	ug/l	99
18) Methyl Acetate	2.75	43	127104	85.826	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	369977	96.372	ug/l	100
20) Methylene Chloride	2.83	84	123303	87.952	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	133532	105.693	ug/l	94
22) Diisopropyl ether	3.83	45	314608	81.317	ug/l	98
23) Vinyl Acetate	3.79	43	1538190	442.202	ug/l	97
24) 1,1-Dichloroethane	3.67	63	216165	95.310	ug/l	99
25) 2-Butanone	4.64	43	424565	421.765	ug/l	99
26) 2,2-Dichloropropane	4.55	77	202676	106.766	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	153979	105.003	ug/l	98
28) Bromochloromethane	4.98	49	91894	85.182	ug/l	90
29) Tetrahydrofuran	5.09	42	250097	395.873	ug/l	97
30) Chloroform	5.18	83	239123	100.829	ug/l	100
31) Cyclohexane	5.54	56	174393	92.163	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	219694	100.941	ug/l	98
36) 1,1-Dichloropropene	5.77	75	180273	101.488	ug/l	98
37) Ethyl Acetate	4.79	43	169060	83.942	ug/l	98
38) Carbon Tetrachloride	5.75	117	194257	98.041	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202583	104.423	ug/l	96
40) Benzene	6.11	78	536752	102.331	ug/l	100
41) Methacrylonitrile	5.01	41	87273	79.346	ug/l	98
42) 1,2-Dichloroethane	6.16	62	178504	90.285	ug/l	99
43) Isopropyl Acetate	6.41	43	276870	85.123	ug/l	98
44) Trichloroethene	7.19	130	153232	104.556	ug/l	91
45) 1,2-Dichloropropane	7.49	63	129903	93.769	ug/l	98
46) Dibromomethane	7.63	93	96602	98.186	ug/l	94
47) Bromodichloromethane	7.87	83	193969	99.006	ug/l	99
48) Methyl methacrylate	7.74	41	128446	80.115	ug/l	98
49) 1,4-Dioxane	7.71	88	62342	2080.621	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	816971	409.485	ug/l	99
52) Toluene	8.77	92	352682	105.453	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	217522	99.452	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	232295	100.486	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	139510	99.033	ug/l	96
56) Ethyl methacrylate	9.16	69	209270	99.769	ug/l	98
57) 1,3-Dichloropropane	9.35	76	225841	97.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	549886	566.143	ug/l	98
59) 2-Hexanone	9.48	43	619693	409.539	ug/l	98
60) Dibromochloromethane	9.57	129	164636	100.310	ug/l	99
61) 1,2-Dibromoethane	9.65	107	149597	97.802	ug/l	98
64) Tetrachloroethene	9.32	164	131883	103.931	ug/l	98
65) Chlorobenzene	10.12	112	376848	107.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	144374	105.836	ug/l	99
67) Ethyl Benzene	10.23	91	649637	109.039	ug/l	99
68) m/p-Xylenes	10.34	106	521683	233.522	ug/l	98
69) o-Xylene	10.68	106	249674	114.833	ug/l	98
70) Styrene	10.70	104	421971	114.678	ug/l	99
71) Bromoform	10.84	173	124730	107.679	ug/l #	97
73) Isopropylbenzene	11.00	105	660254	109.664	ug/l	99
74) N-amyl acetate	10.88	43	227866	83.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	204848	96.687	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	246209	122.768	ug/l	84
77) Bromobenzene	11.24	156	170441	103.388	ug/l	93
78) n-propylbenzene	11.34	91	732008	106.912	ug/l	100
79) 2-Chlorotoluene	11.40	91	421000	100.359	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	552408	111.224	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	76755	102.055	ug/l	99
82) 4-Chlorotoluene	11.49	91	509264	101.949	ug/l	99
83) tert-Butylbenzene	11.76	119	553477	112.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	546354	107.686	ug/l	98
85) sec-Butylbenzene	11.93	105	635649	113.034	ug/l	99
86) p-Isopropyltoluene	12.05	119	605512	117.766	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	308905	105.575	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	315652	107.108	ug/l	99
89) n-Butylbenzene	12.37	91	535270	113.556	ug/l	99
90) Hexachloroethane	12.58	117	100678	102.110	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	295392	106.885	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48227	92.046	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

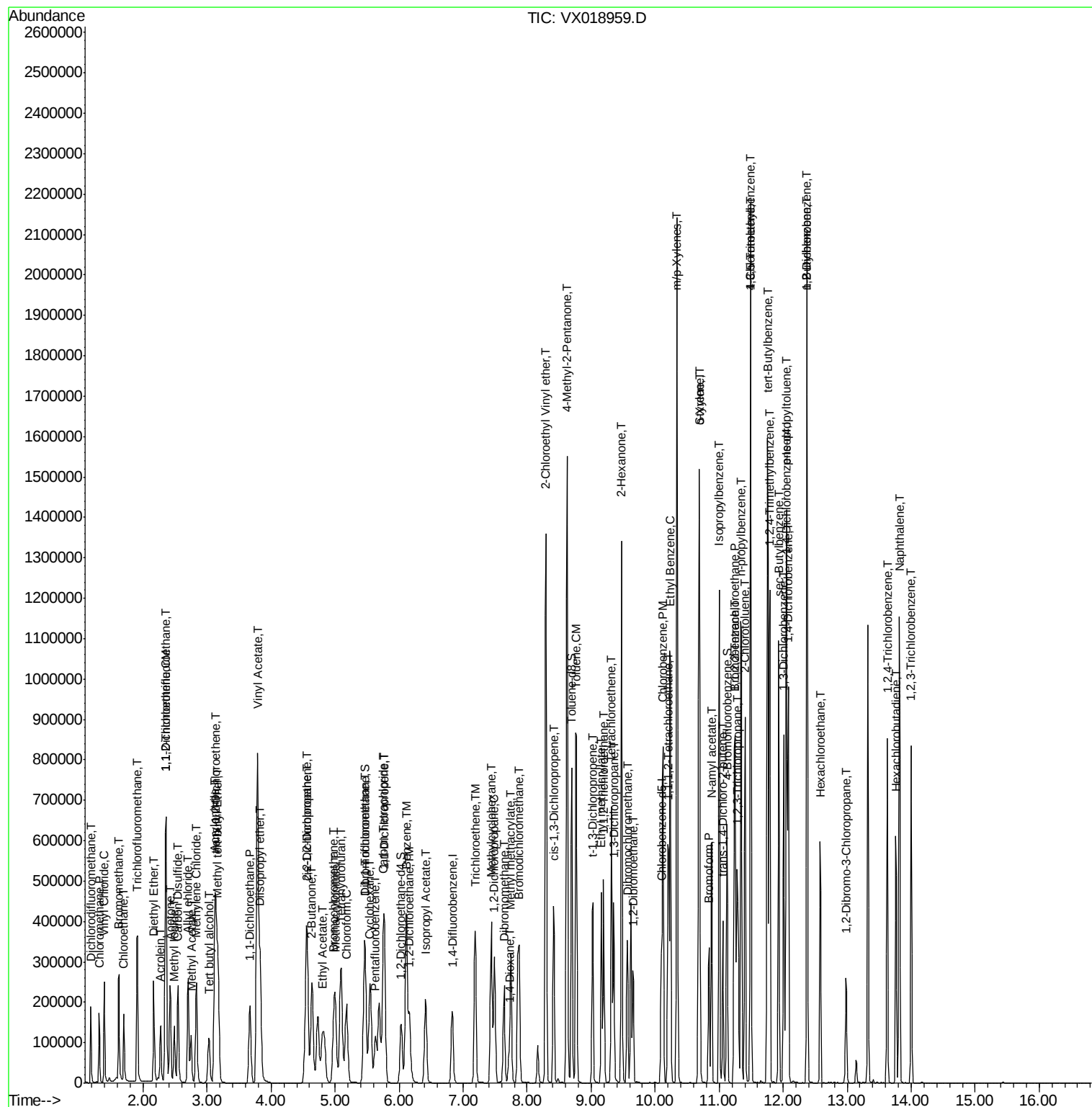
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	208285	113.005	ug/l	98
94) Hexachlorobutadiene	13.76	225	82032	111.381	ug/l	92
95) Naphthalene	13.82	128	715164	117.125	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	207085	113.482	ug/l	99

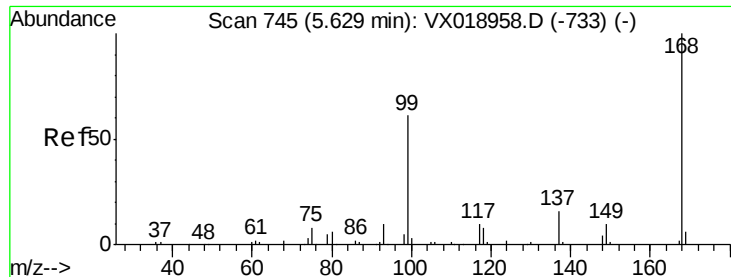
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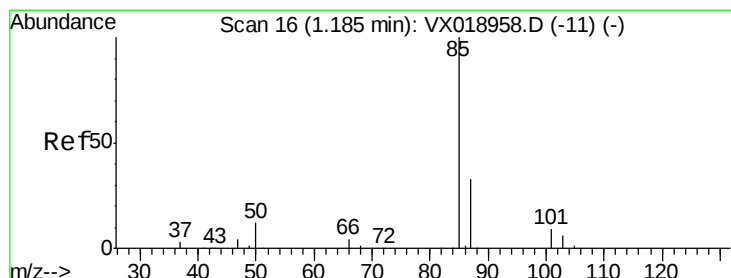
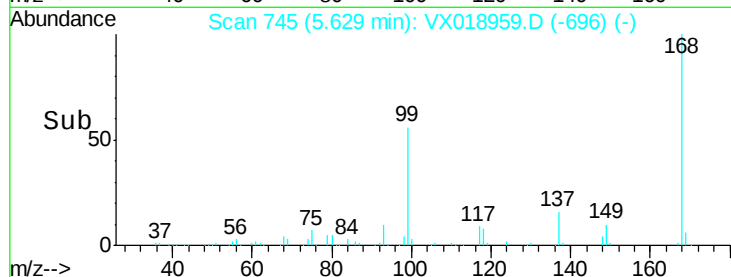
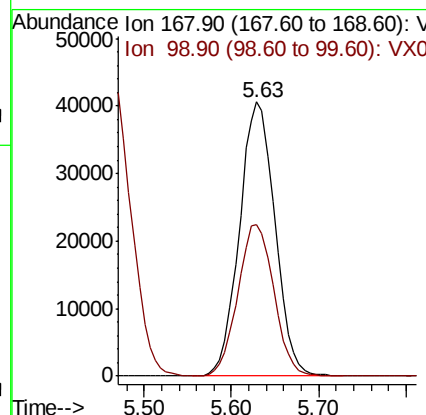
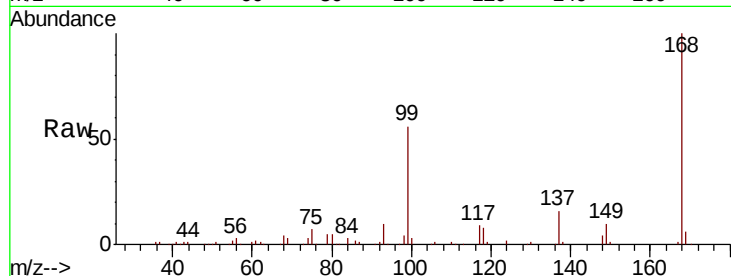




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

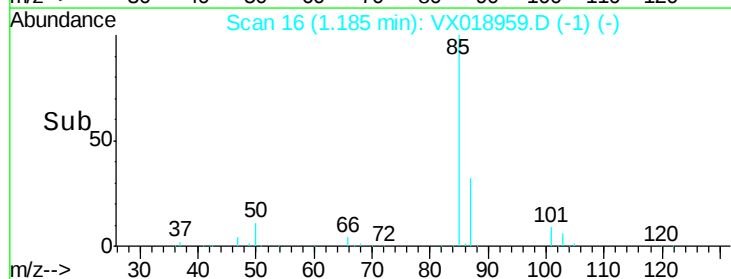
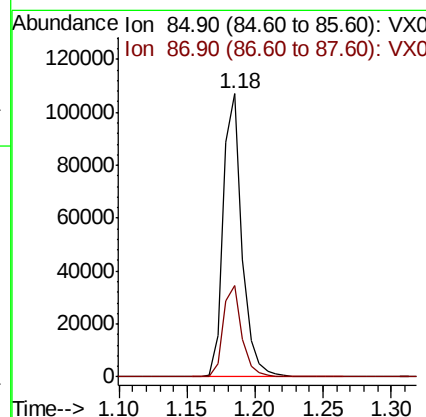
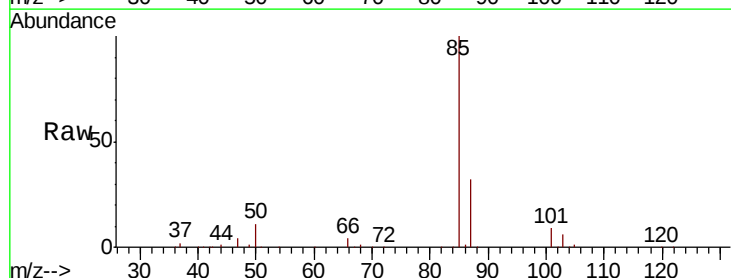
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

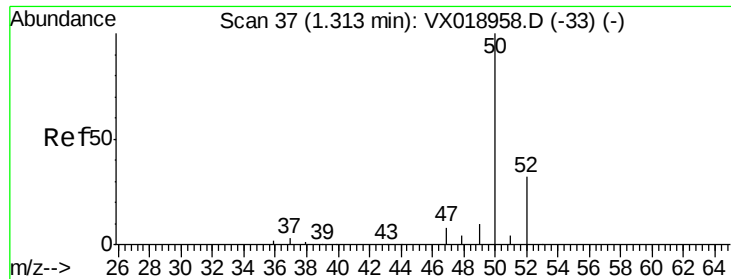
Tot Ion:168 Resp: 114630
Ion Ratio Lower Upper
168 100
99 55.4 48.5 72.7



#2
Dichlorodifluoromethane
Concen: 77.028 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 85 Resp: 102265
Ion Ratio Lower Upper
85 100
87 32.1 16.5 49.5

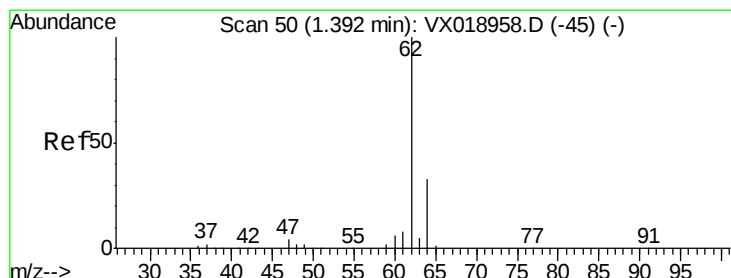
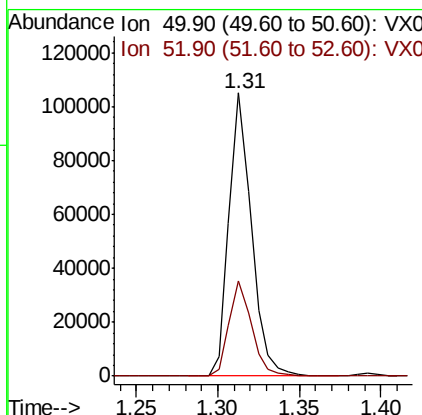
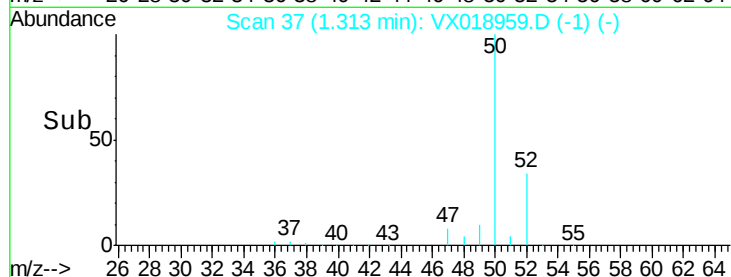
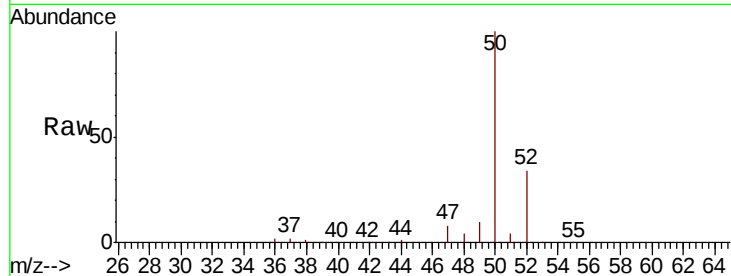




#3
 Chloromethane
 Concen: 71.346 ug/l
 RT: 1.31 min Scan# 37
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

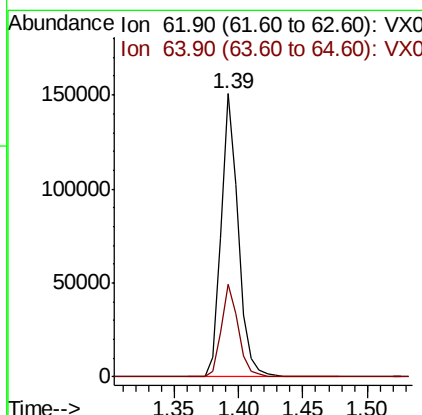
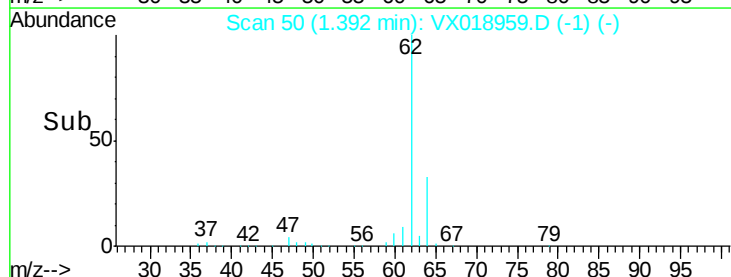
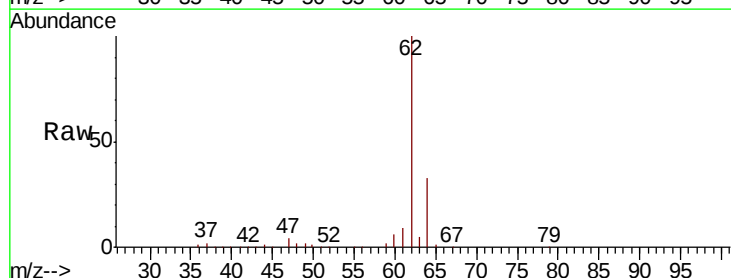
Instrument :
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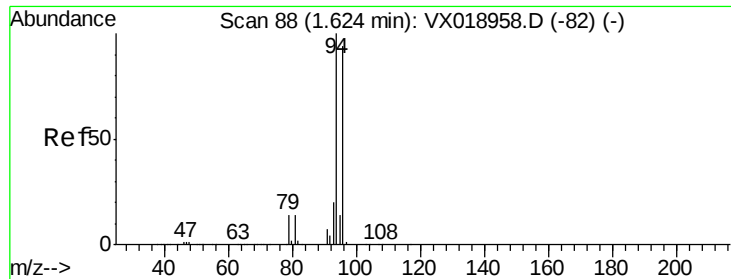
Tot Ion: 50 Resp: 101135
 Ion Ratio Lower Upper
 50 100
 52 33.7 25.9 38.9



#4
 Vinyl Chloride
 Concen: 96.281 ug/l
 RT: 1.39 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 62 Resp: 142042
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.7 40.1





#5

Bromomethane

Concen: 114.522 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

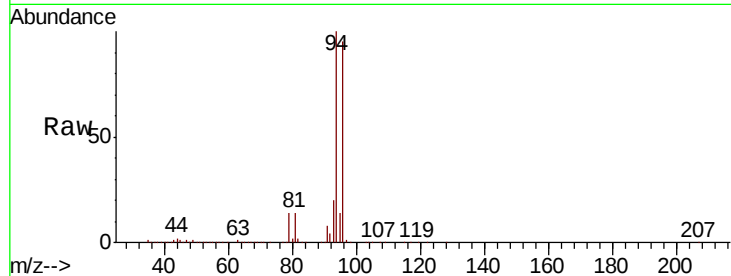
VSTDIC100

Tot Ion: 94 Resp: 94283

Ion Ratio Lower Upper

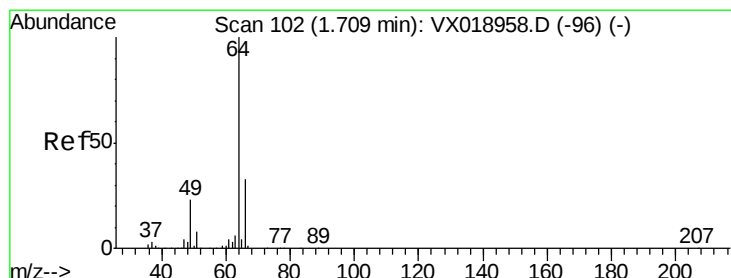
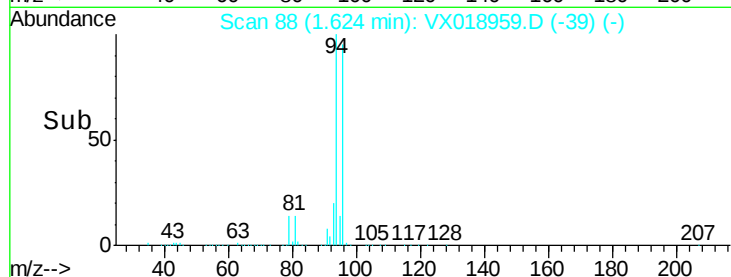
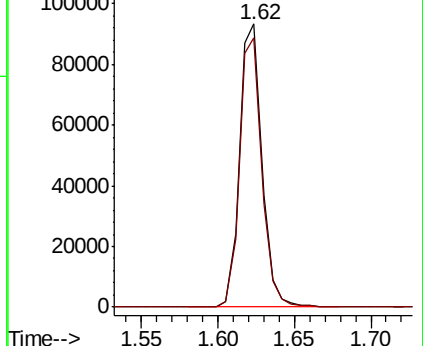
94 100

96 95.1 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: 123.136 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX018959.D

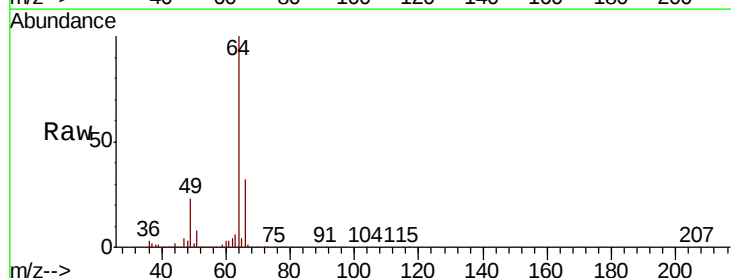
Acq: 19 Oct 2020 17:59

Tgt Ion: 64 Resp: 103473

Ion Ratio Lower Upper

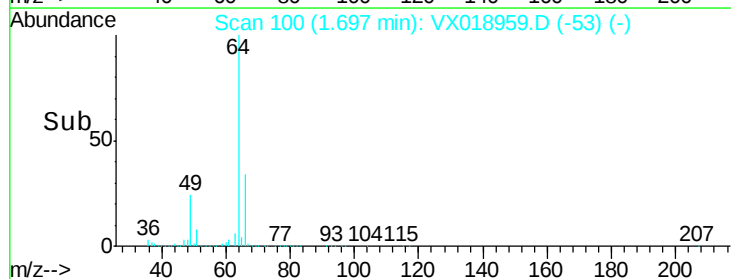
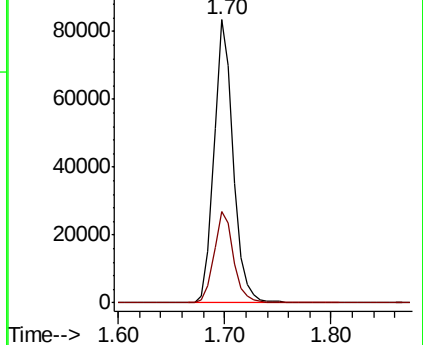
64 100

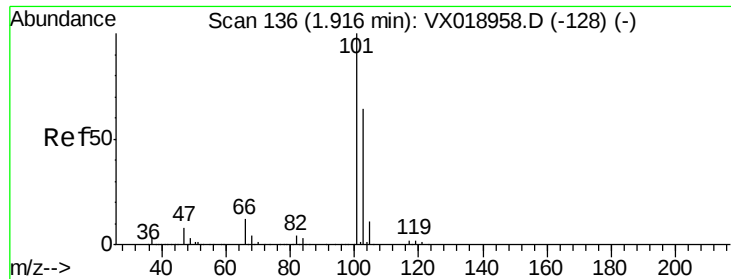
66 32.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



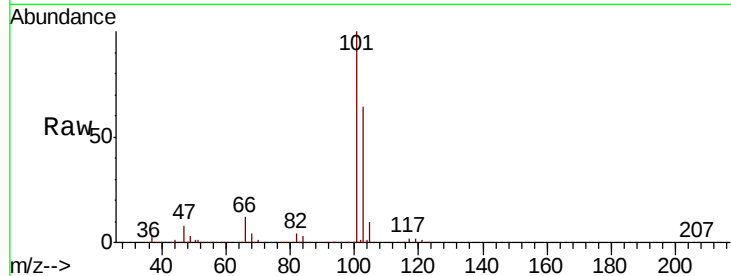


#7

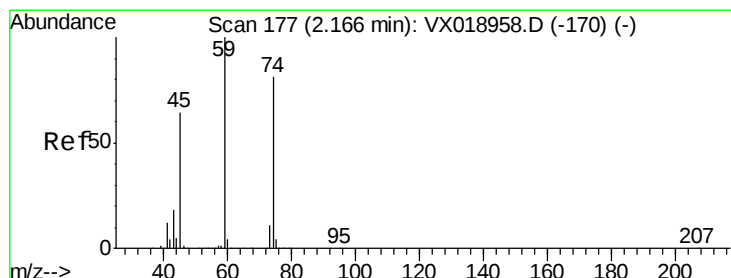
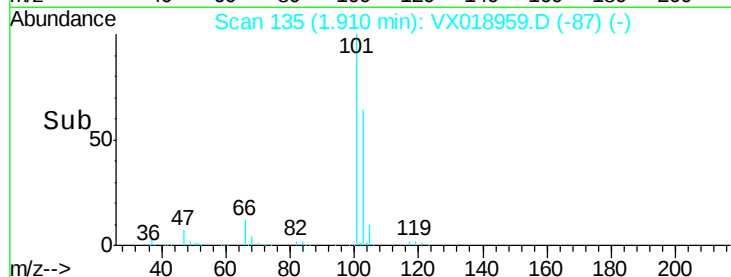
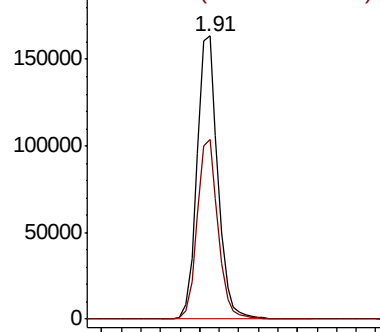
Trichlorofluoromethane
Concen: 114.786 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018959.D
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Tot Ion:101 Resp: 240380
Ion Ratio Lower Upper
101 100
103 63.5 51.3 76.9



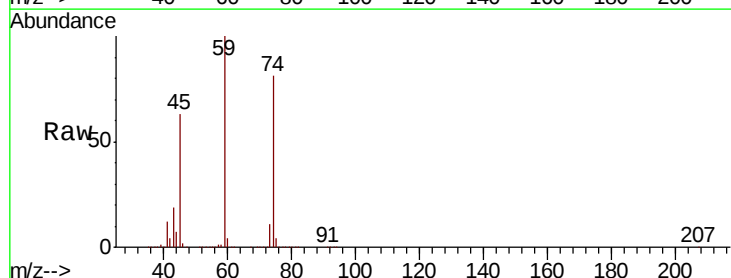
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



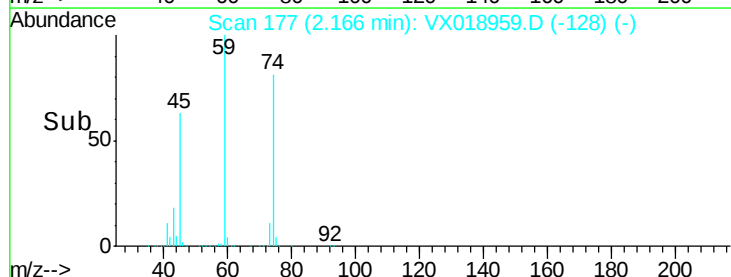
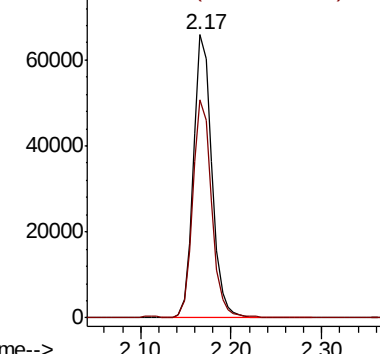
#8

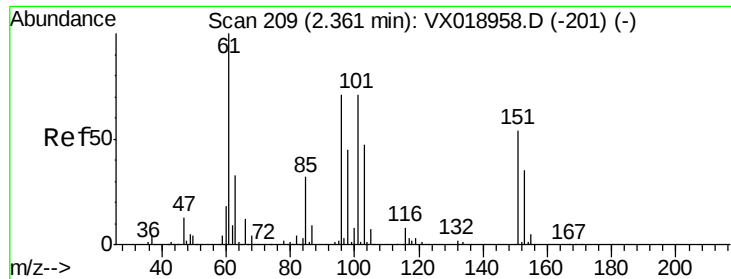
Diethyl Ether
Concen: 126.831 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 74 Resp: 93447
Ion Ratio Lower Upper
74 100
45 78.6 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: 111.319 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018959.D

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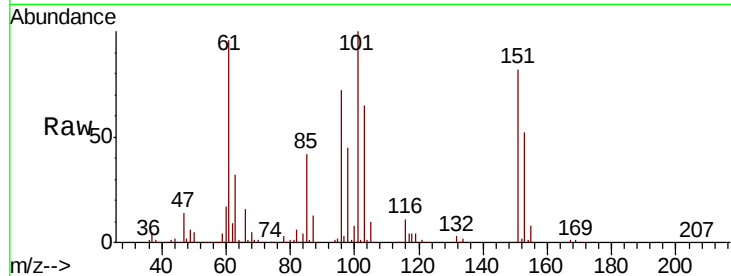
Tot Ion:101 Resp: 126908

Ion Ratio Lower Upper

101 100

85 43.0 35.1 52.7

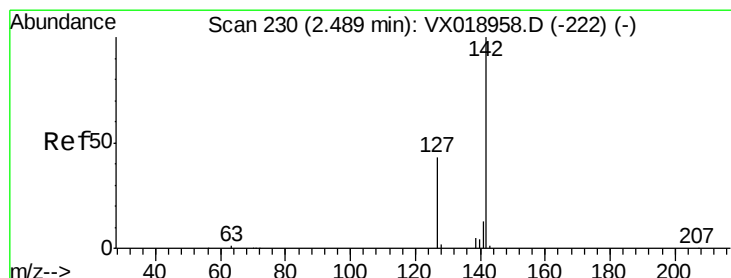
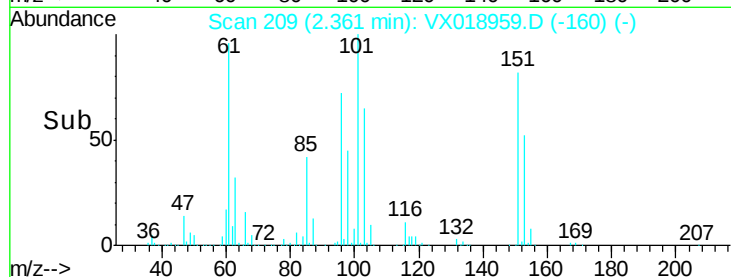
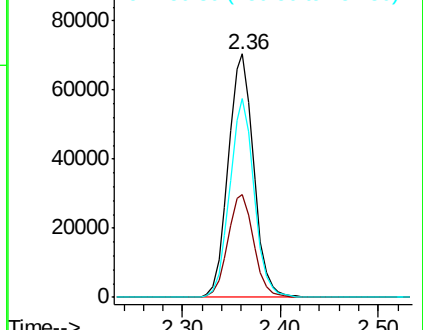
151 78.6 62.1 93.1



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: 130.994 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

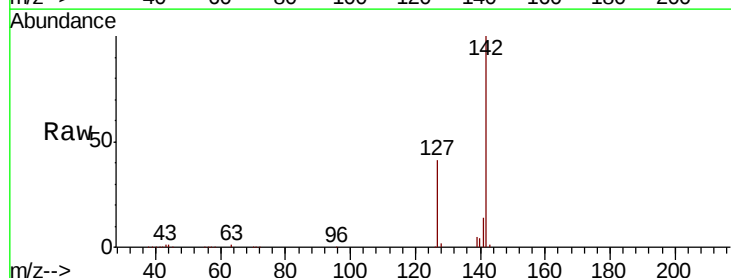
Tgt Ion:142 Resp: 139082

Ion Ratio Lower Upper

142 100

127 42.5 35.9 53.9

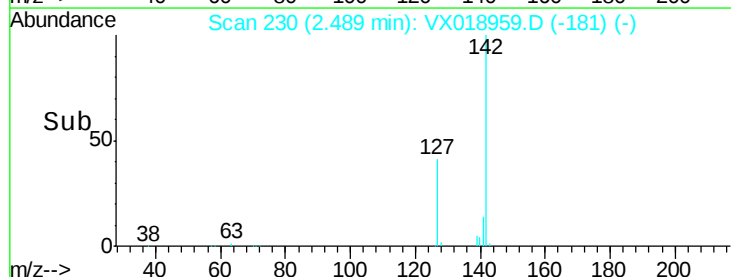
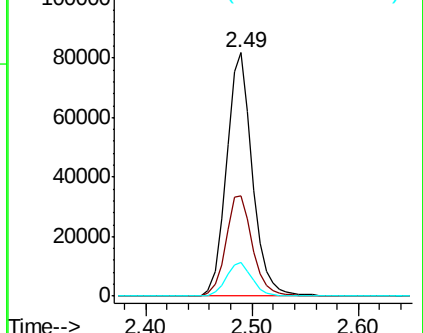
141 14.0 11.6 17.4

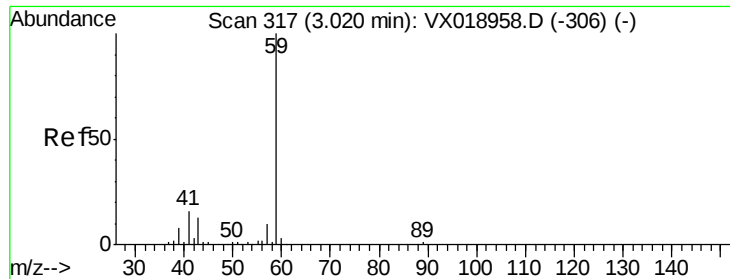


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

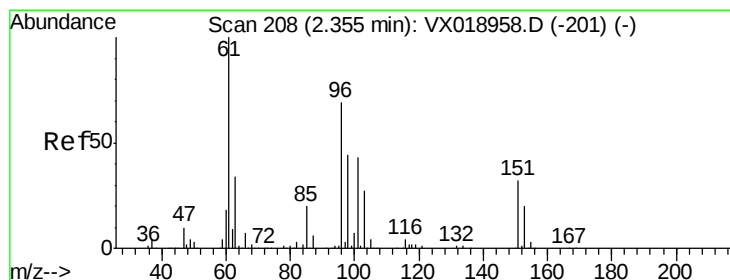
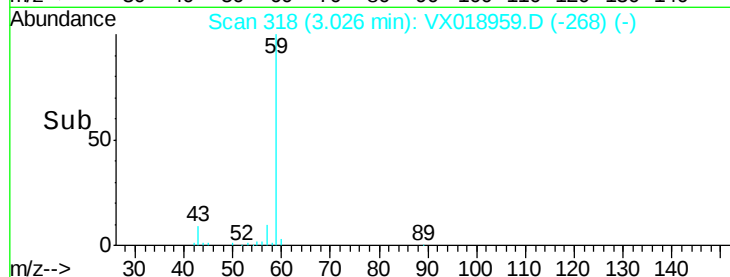
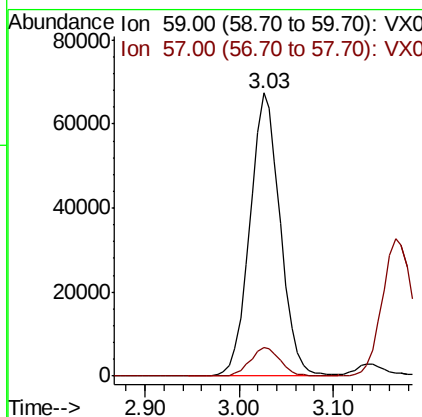
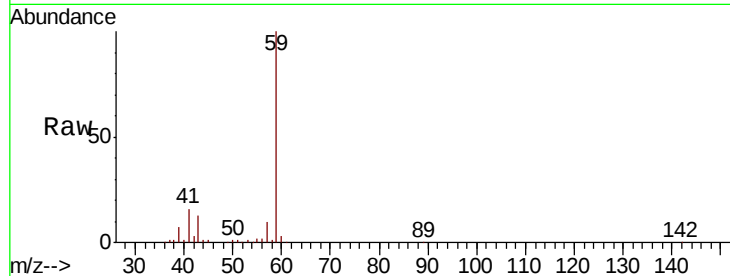




#11
Tert butyl alcohol
Concen: 480.598 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

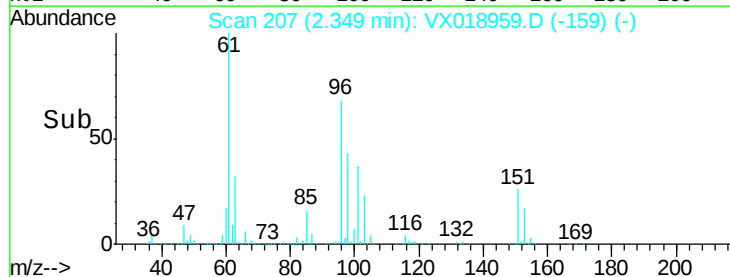
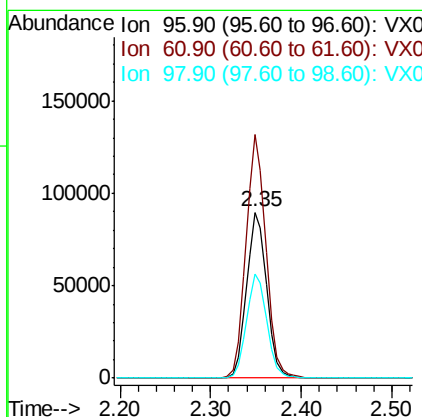
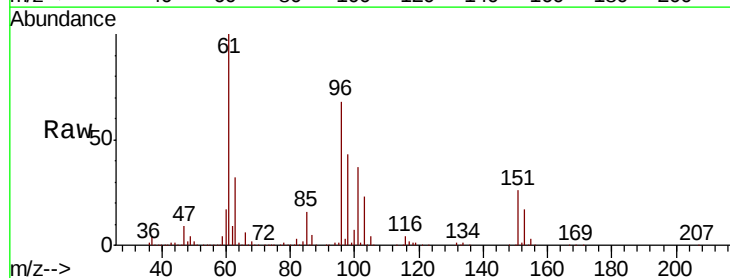
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

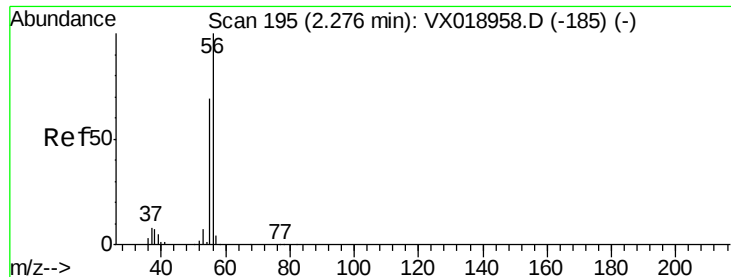
Tot Ion: 59 Resp: 152367
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 115.189 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 96 Resp: 137029
Ion Ratio Lower Upper
96 100
61 147.1 116.2 174.2
98 63.3 50.9 76.3





#13

Acrolein

Concen: 707.459 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

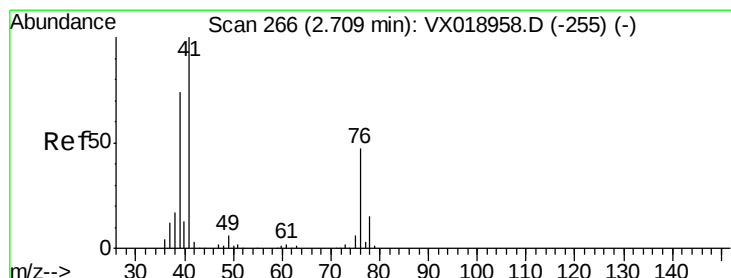
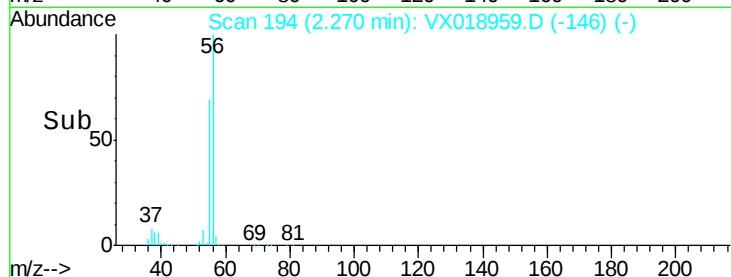
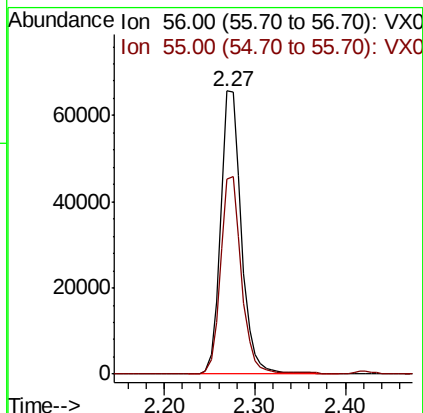
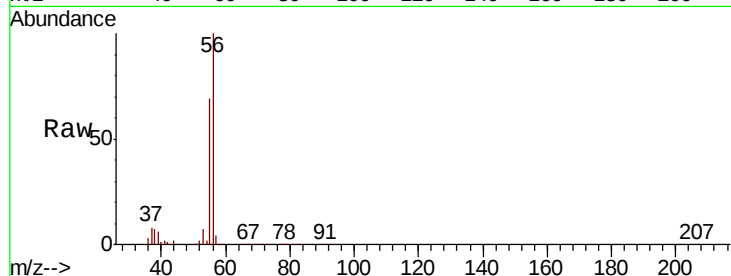
VSTDIC100

Tot Ion: 56 Resp: 104412

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2



#14

Allyl chloride

Concen: 80.773 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

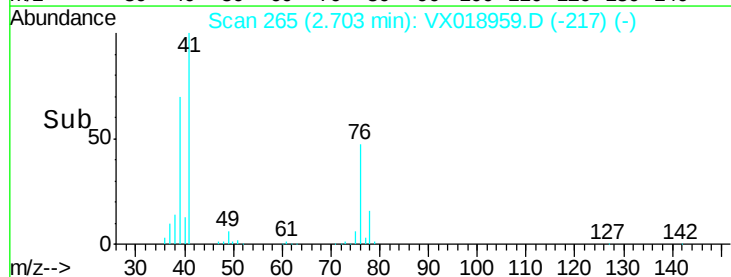
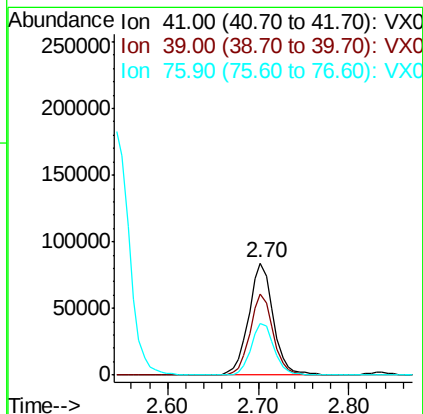
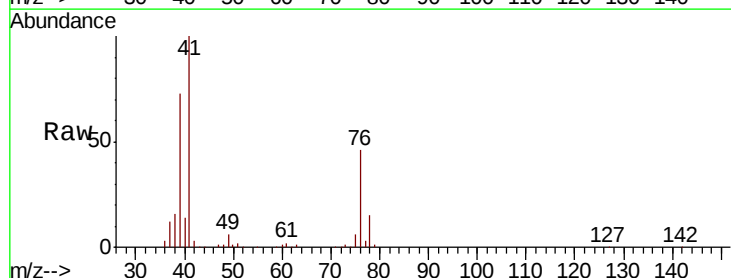
Tgt Ion: 41 Resp: 157994

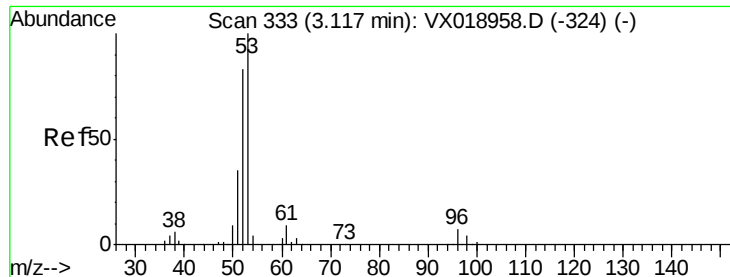
Ion Ratio Lower Upper

41 100

39 68.1 55.4 83.2

76 43.5 34.1 51.1





#15

Acrylonitrile

Concen: 425.227 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

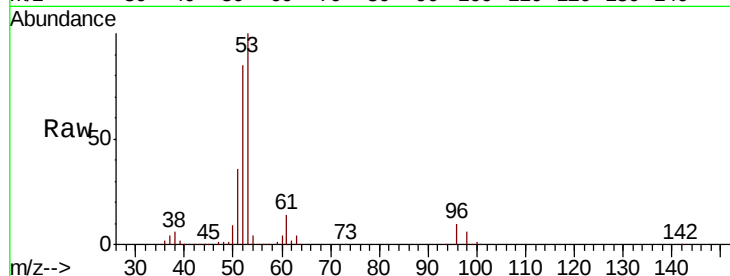
Tot Ion: 53 Resp: 294271

Ion Ratio Lower Upper

53 100

52 82.2 65.3 97.9

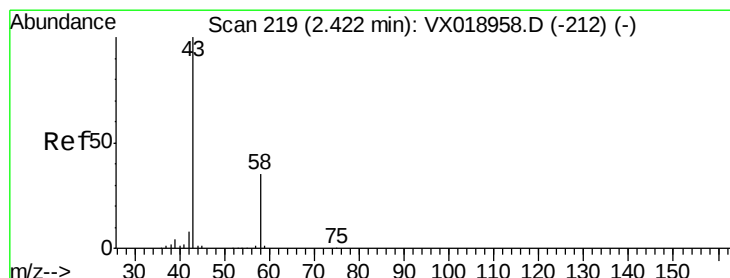
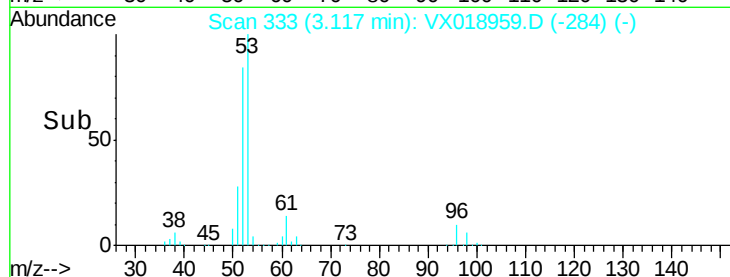
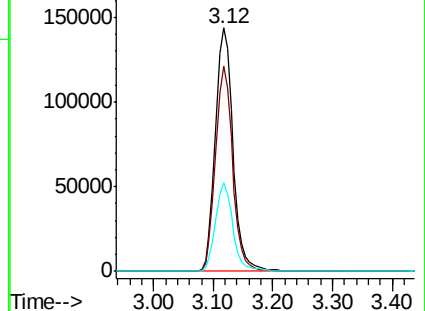
51 35.7 28.6 43.0



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: 399.886 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018959.D

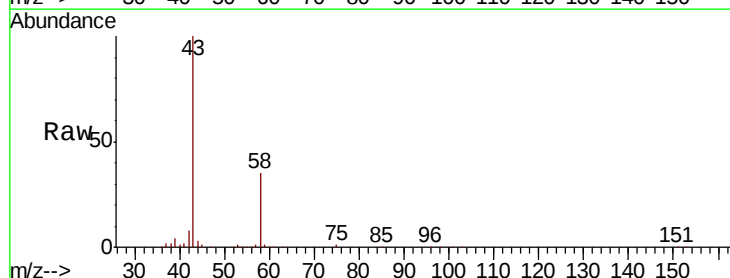
Acq: 19 Oct 2020 17:59

Tgt Ion: 43 Resp: 246150

Ion Ratio Lower Upper

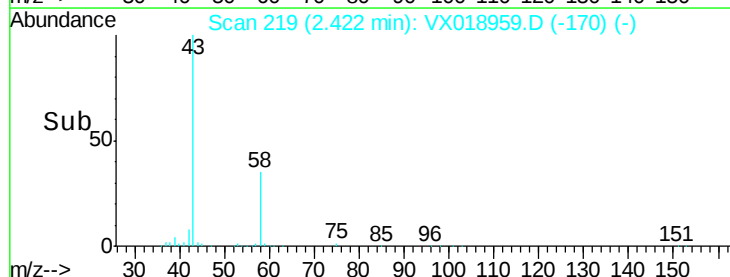
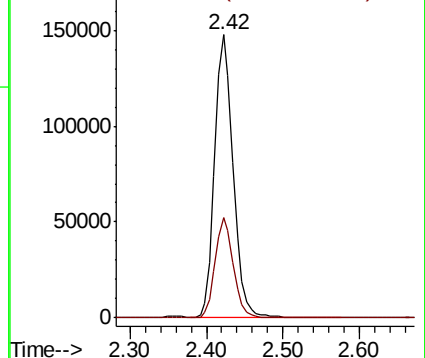
43 100

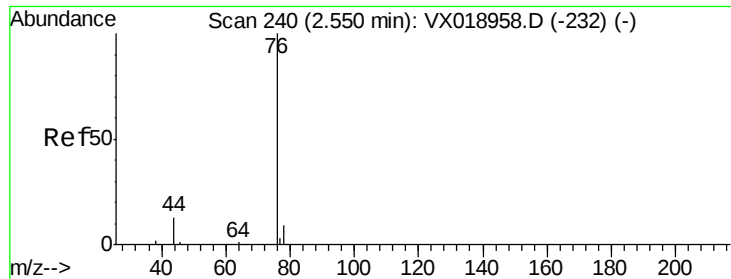
58 35.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

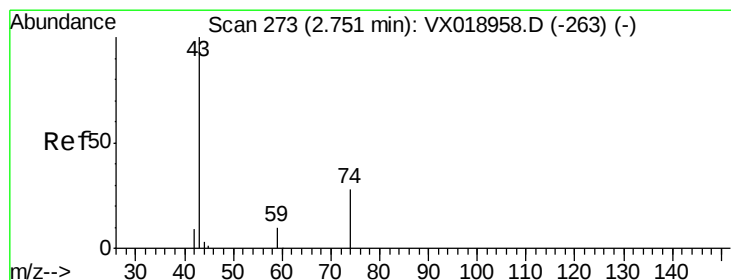
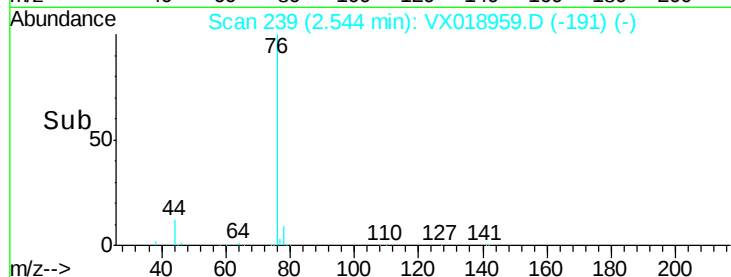
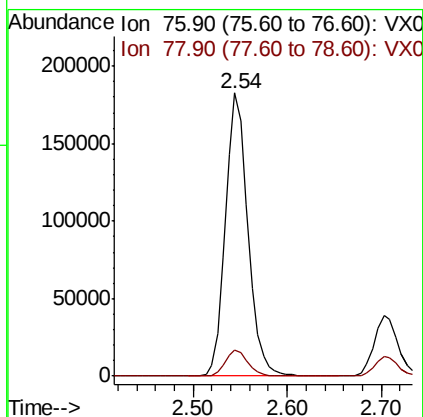
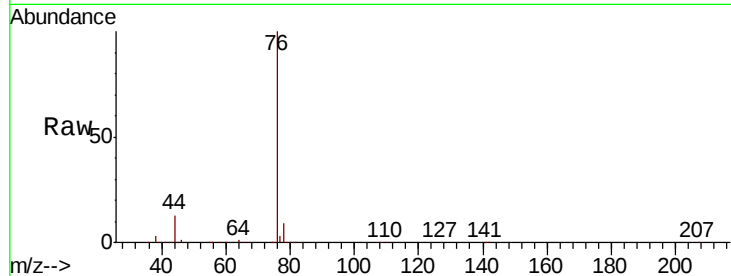




#17
Carbon Disulfide
Concen: 89.070 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

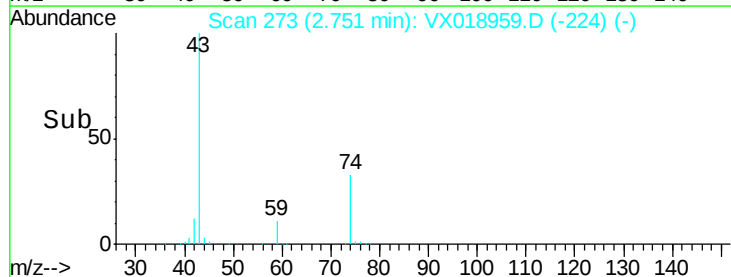
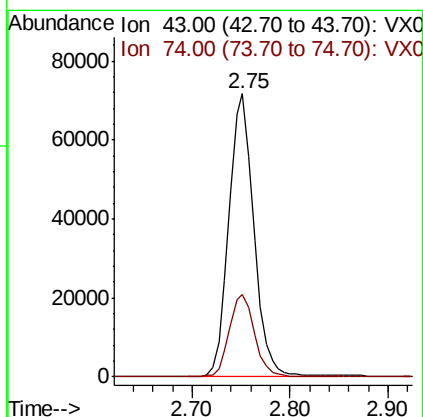
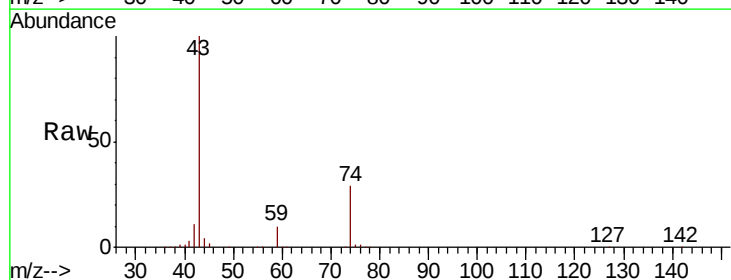
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

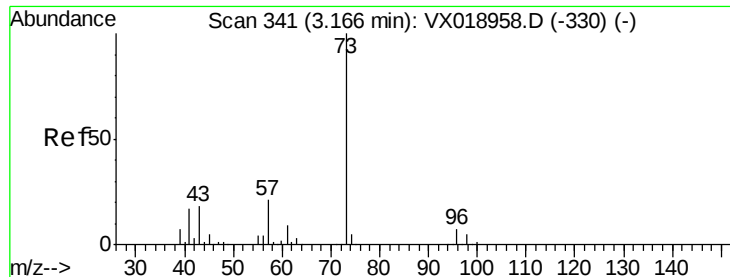
Tot Ion: 76 Resp: 302195
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 85.826 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 43 Resp: 127104
Ion Ratio Lower Upper
43 100
74 29.8 23.0 34.6



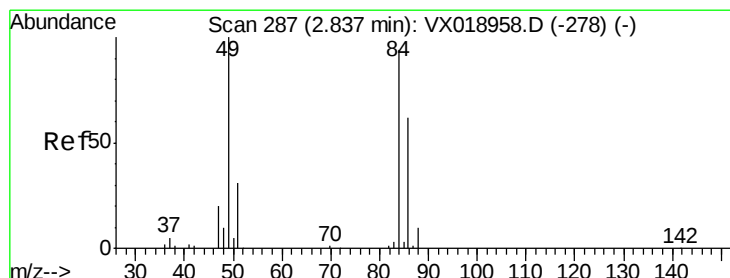
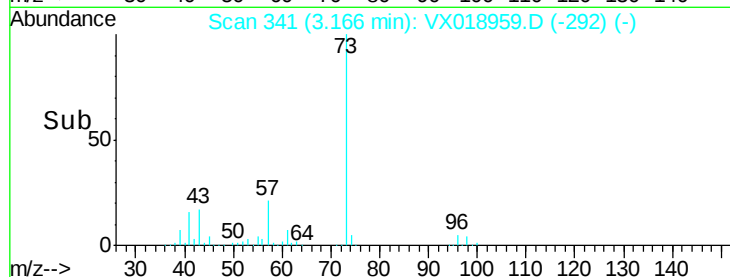
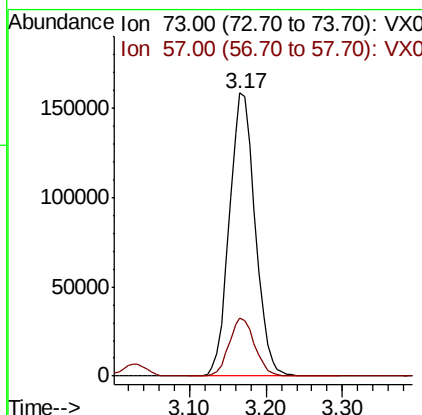
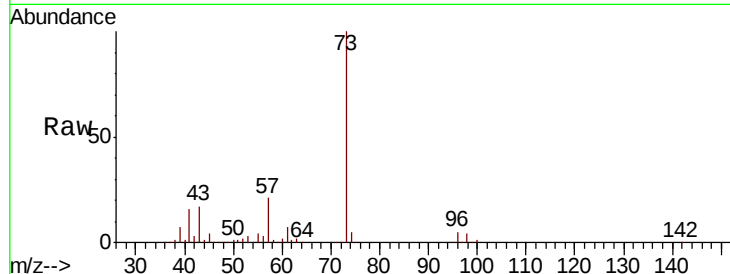


#19

Methyl tert-butyl Ether
 Concen: 96.372 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

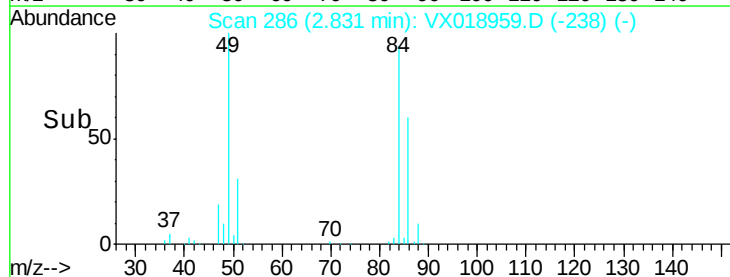
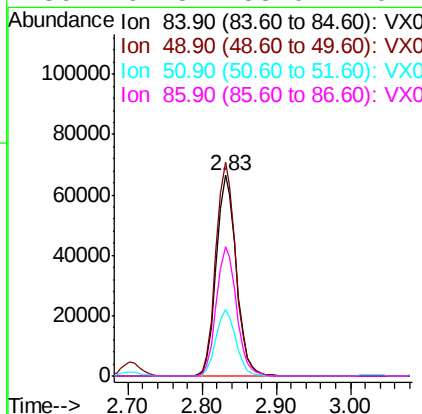
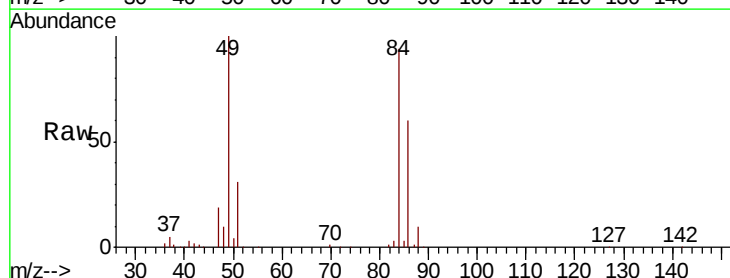
Tot Ion: 73 Resp: 369977
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.6 25.0

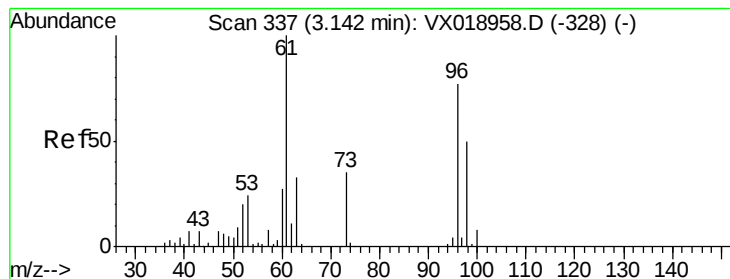


#20

Methylene Chloride
 Concen: 87.952 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 84 Resp: 123303
 Ion Ratio Lower Upper
 84 100
 49 106.5 85.1 127.7
 51 33.4 26.0 39.0
 86 64.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 105.693 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

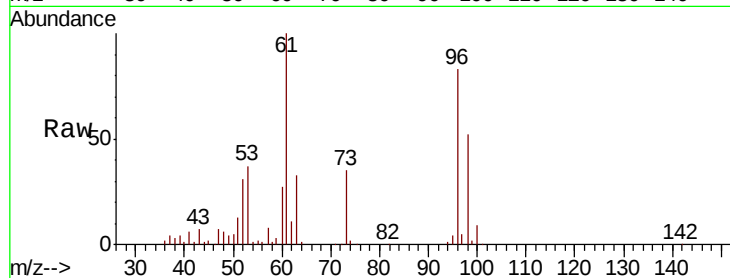
Tot Ion: 96 Resp: 133532

Ion Ratio Lower Upper

96 100

61 120.7 103.4 155.0

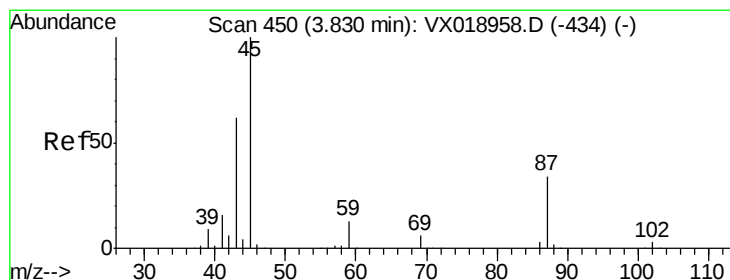
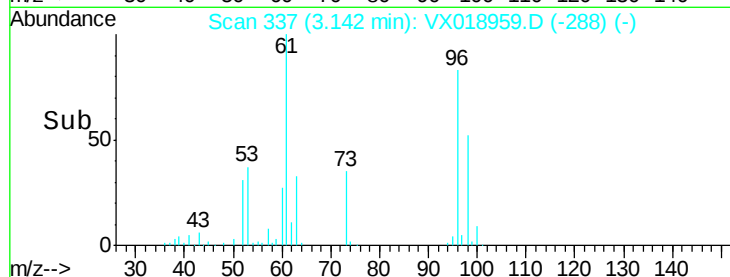
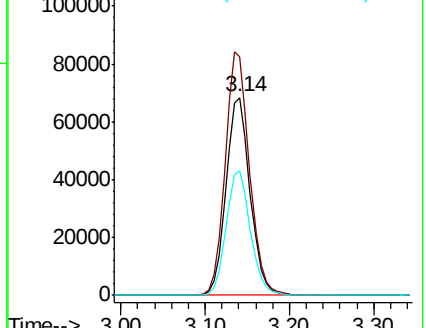
98 62.6 51.7 77.5



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: 81.317 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tgt Ion: 45 Resp: 314608

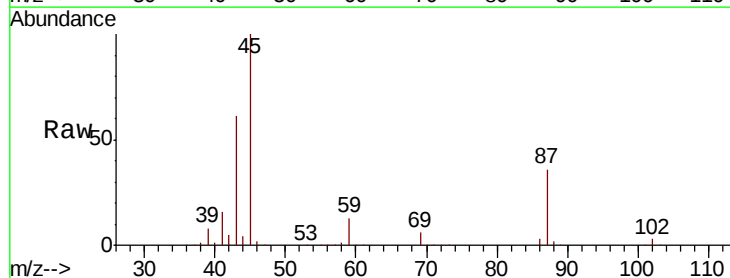
Ion Ratio Lower Upper

45 100

43 61.2 49.7 74.5

87 36.4 27.4 41.2

59 13.4 10.1 15.1

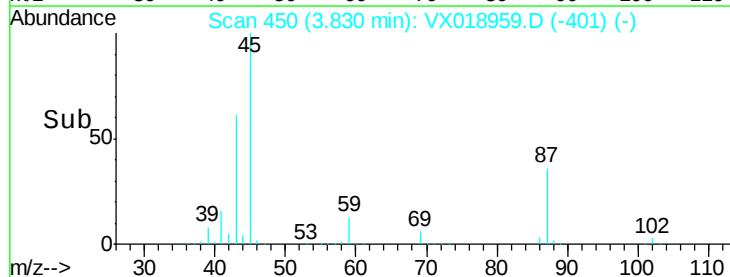
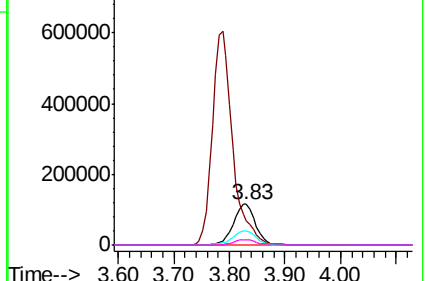


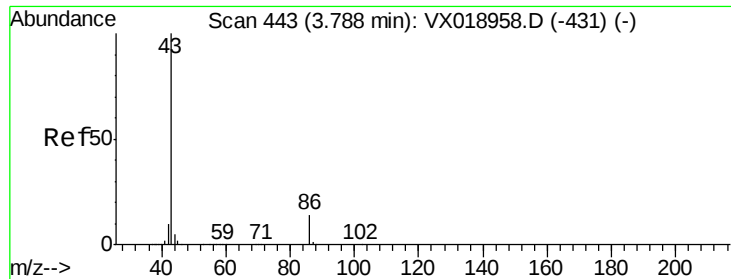
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 442.202 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

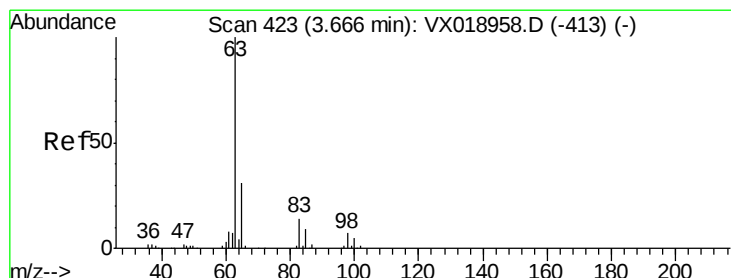
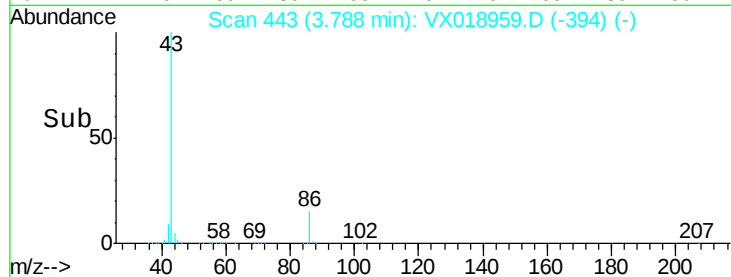
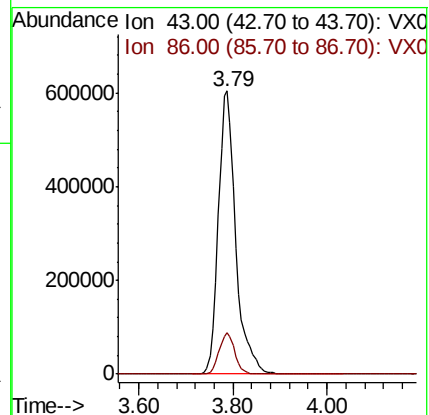
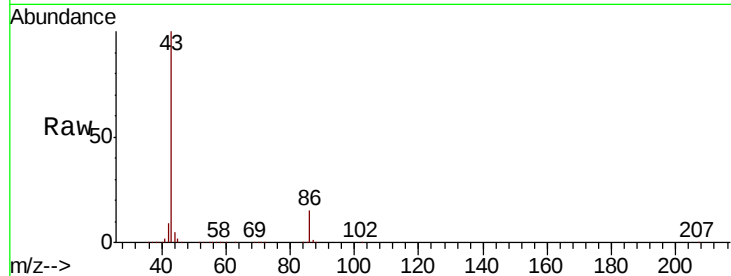
VSTDIC100

Tot Ion: 43 Resp: 1538190

Ion Ratio Lower Upper

43 100

86 14.8 10.9 16.3



#24

1,1-Dichloroethane

Concen: 95.310 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

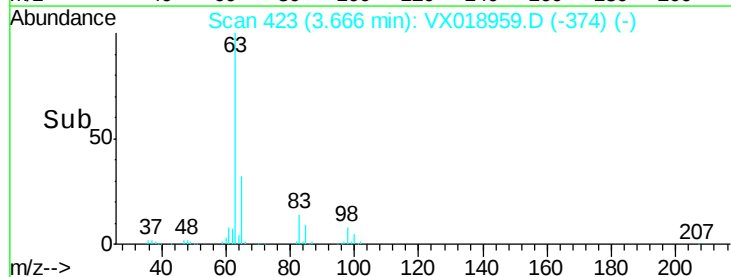
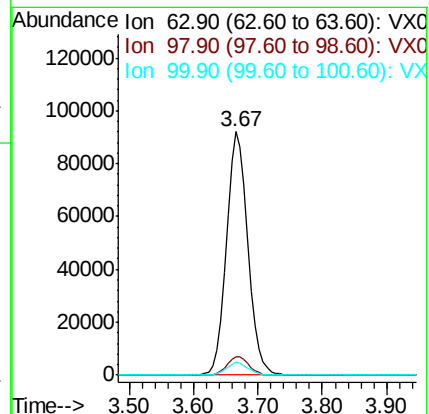
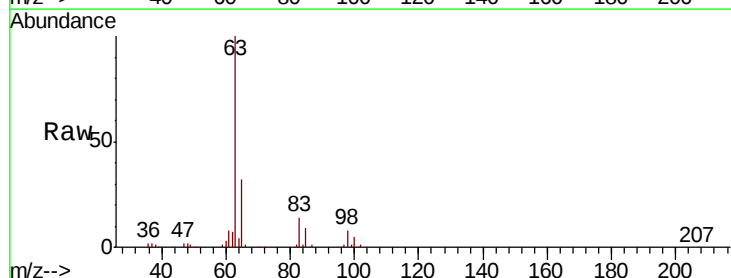
Tgt Ion: 63 Resp: 216165

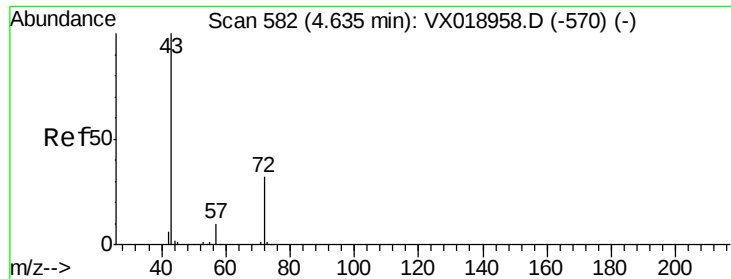
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 421.765 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

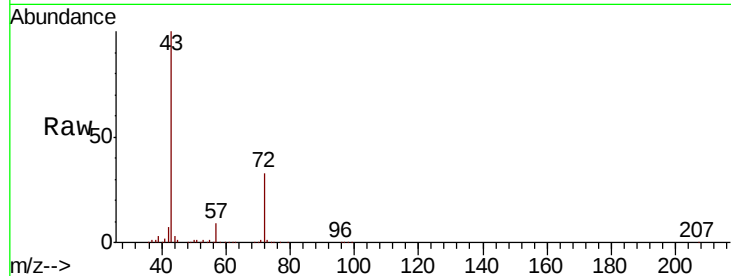
VSTDIC100

Tot Ion: 43 Resp: 424565

Ion Ratio Lower Upper

43 100

72 33.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

150000

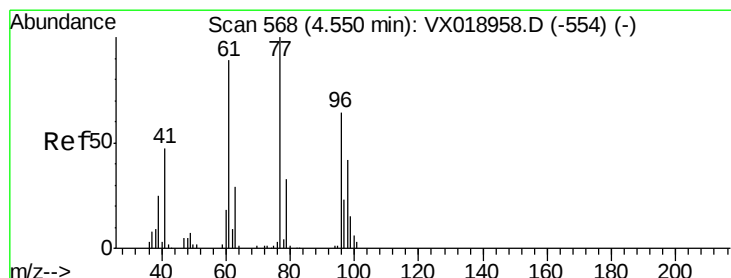
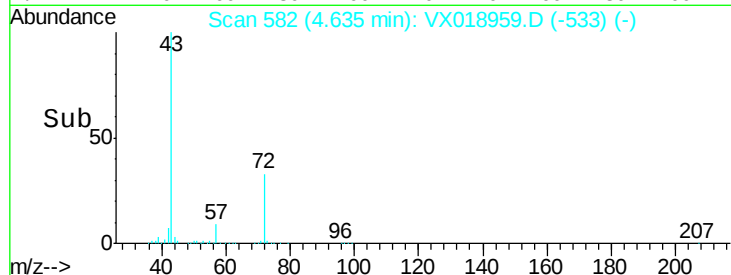
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 106.766 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018959.D

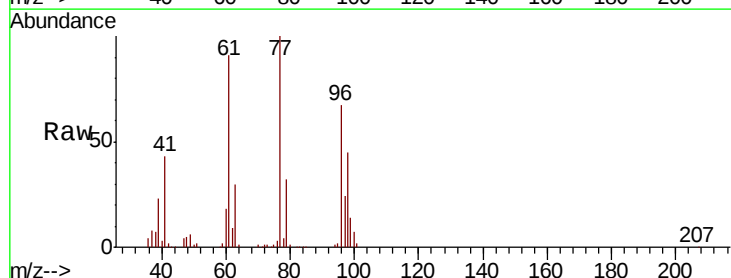
Acq: 19 Oct 2020 17:59

Tgt Ion: 77 Resp: 202676

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

60000

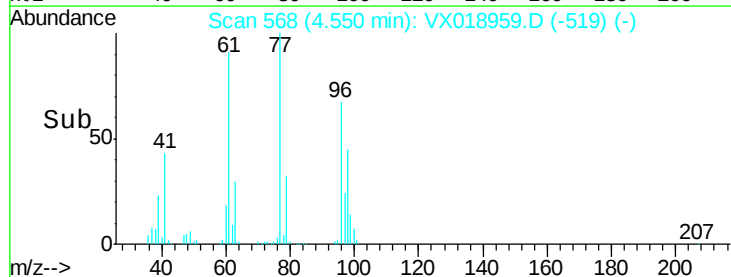
40000

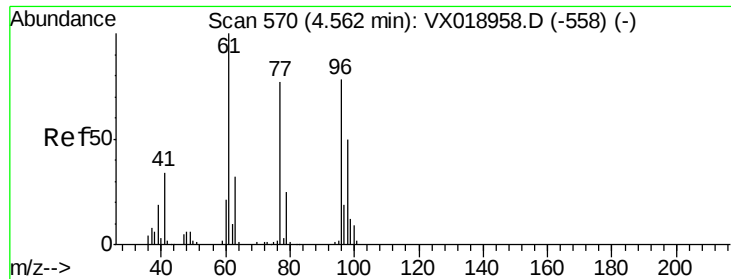
20000

0

4.40 4.50 4.60 4.70

Time-->

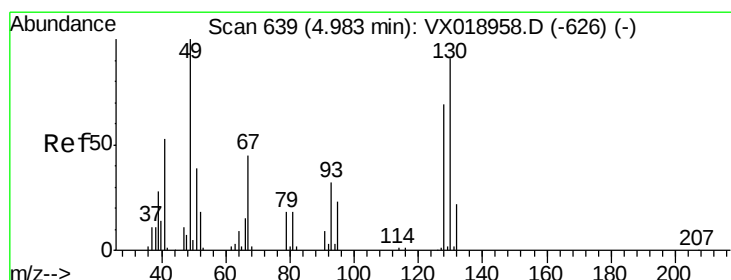
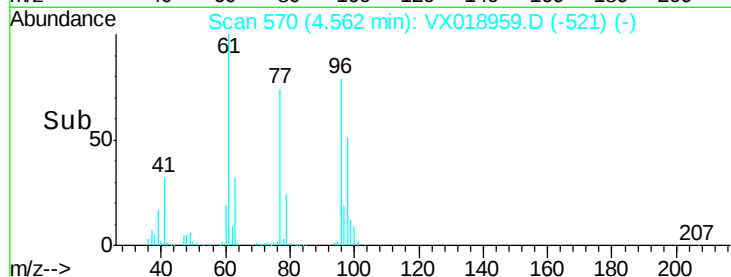
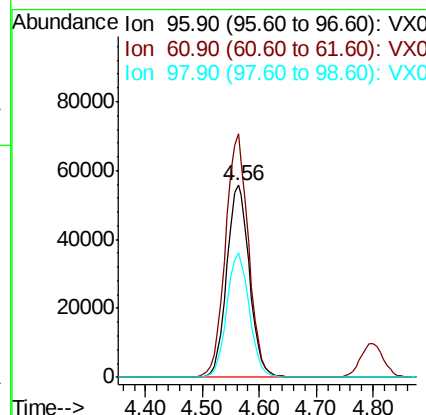
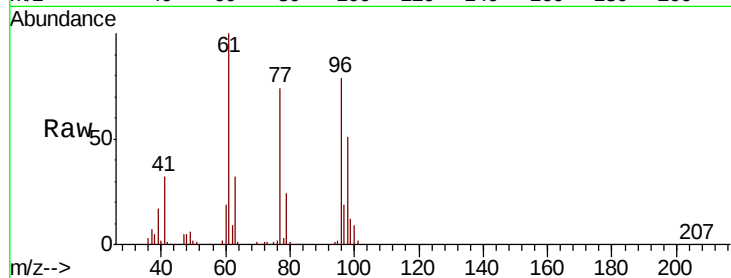




#27
 cis-1,2-Dichloroethene
 Concen: 105.003 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

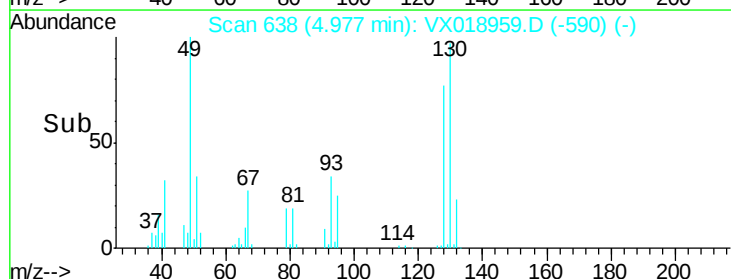
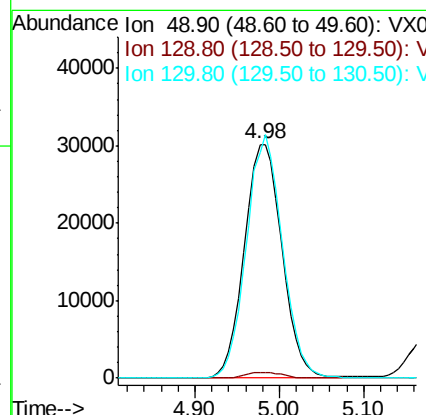
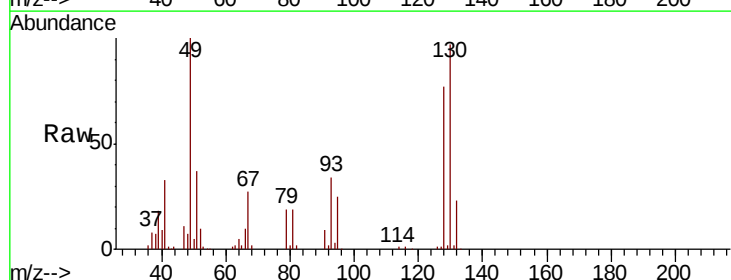
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

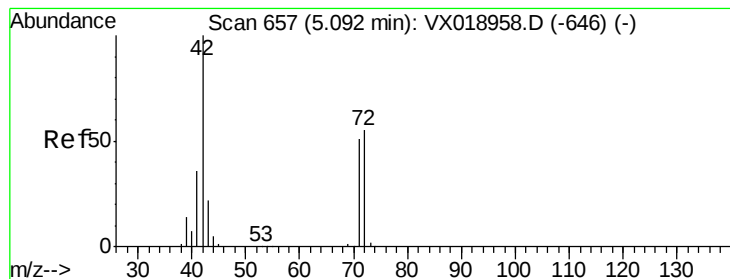
Tot Ion: 96 Resp: 153979
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 265.2
 98 64.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 85.182 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 49 Resp: 91894
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 99.3 72.0 108.0





#29

Tetrahydrofuran

Concen: 395.873 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

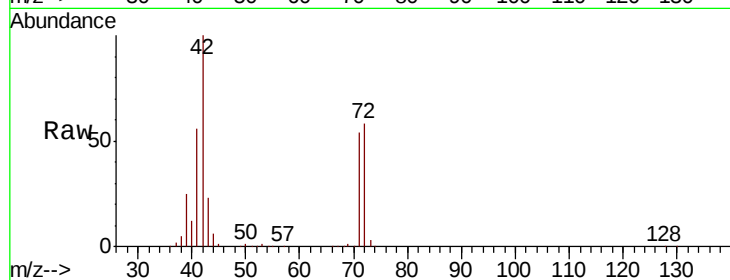
Tot Ion: 42 Resp: 250097

Ion Ratio Lower Upper

42 100

72 58.2 44.9 67.3

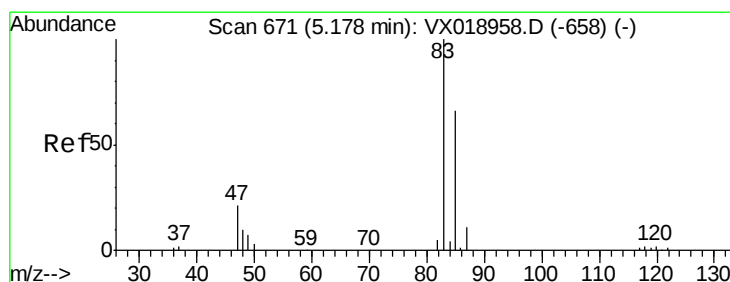
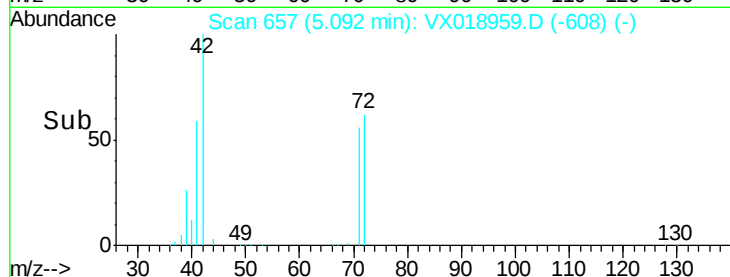
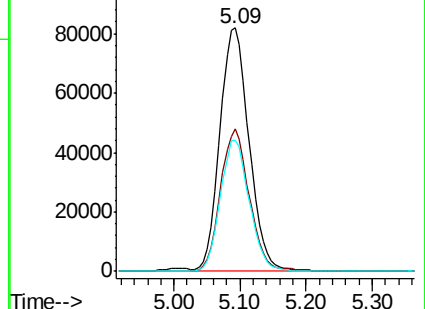
71 53.8 41.0 61.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 100.829 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018959.D

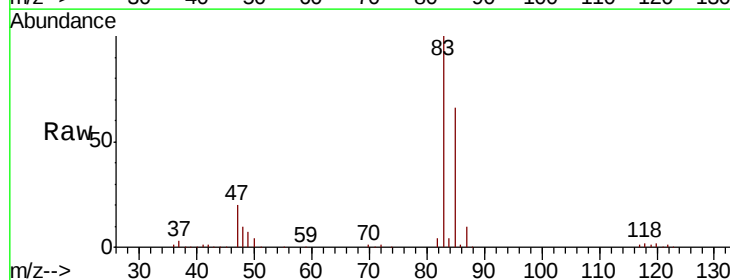
Acq: 19 Oct 2020 17:59

Tgt Ion: 83 Resp: 239123

Ion Ratio Lower Upper

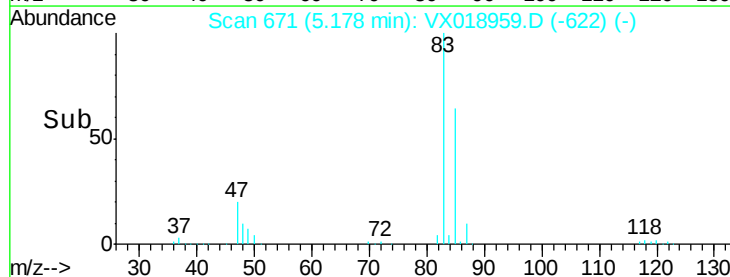
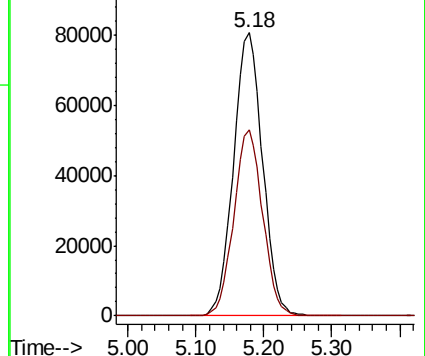
83 100

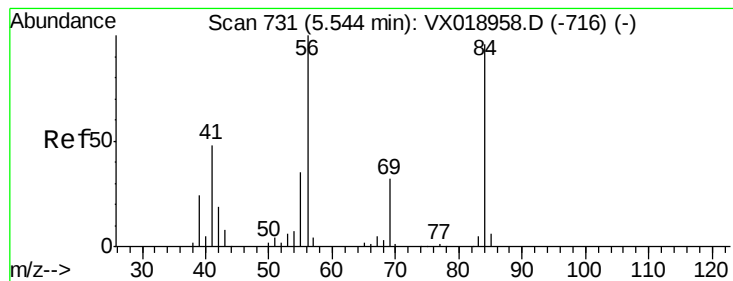
85 65.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 92.163 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

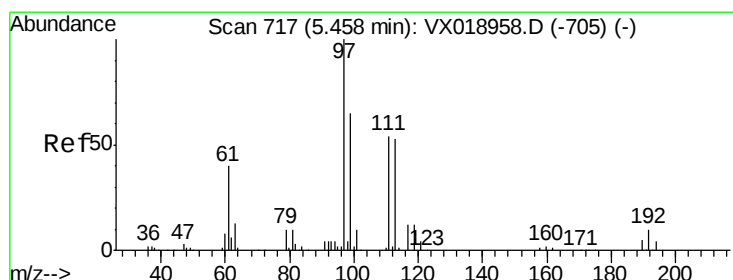
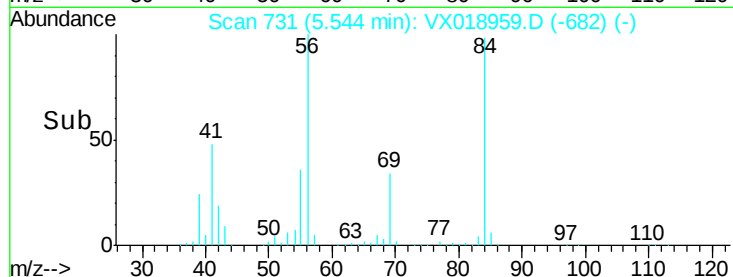
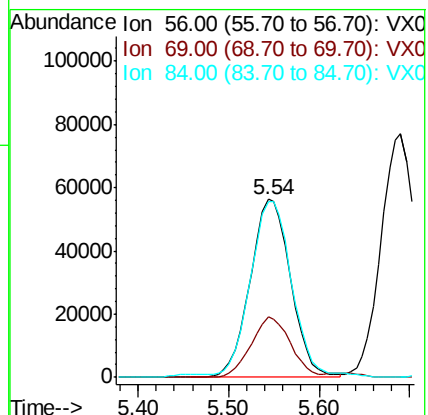
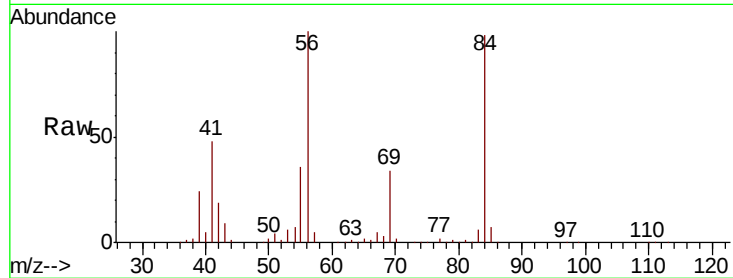
Tot Ion: 56 Resp: 174393

Ion Ratio Lower Upper

56 100

69 33.8 25.4 38.0

84 96.5 75.4 113.0



#32

1,1,1-Trichloroethane

Concen: 100.941 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

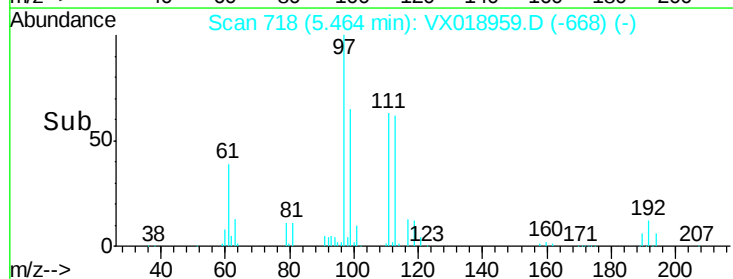
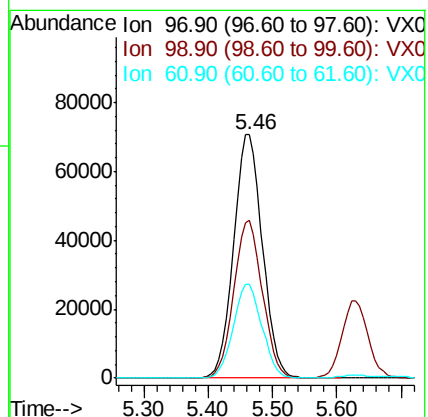
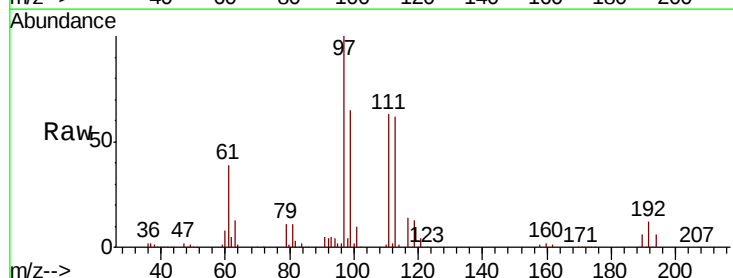
Tgt Ion: 97 Resp: 219694

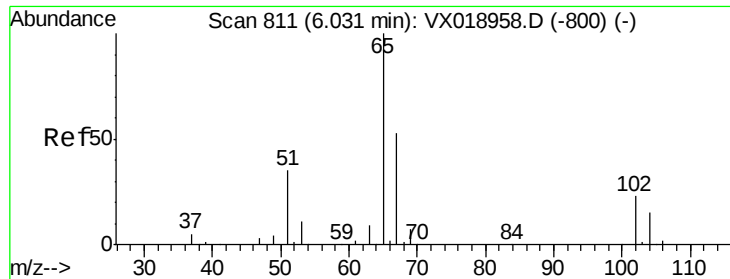
Ion Ratio Lower Upper

97 100

99 64.4 50.5 75.7

61 38.7 32.3 48.5

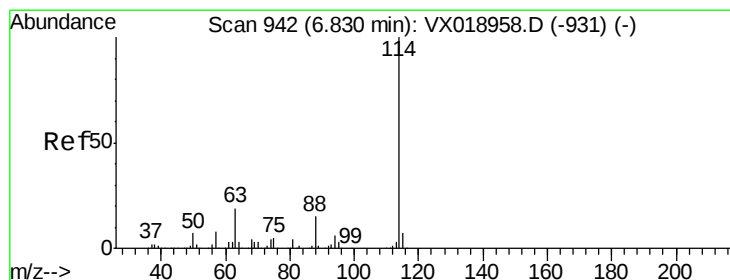
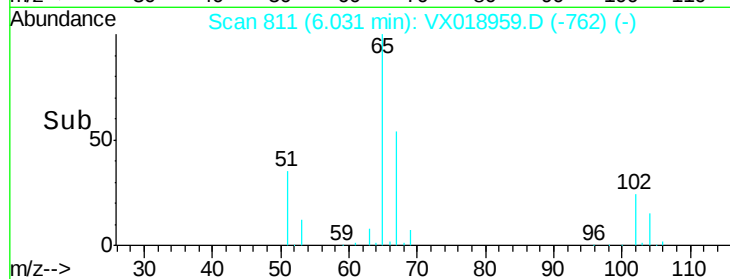
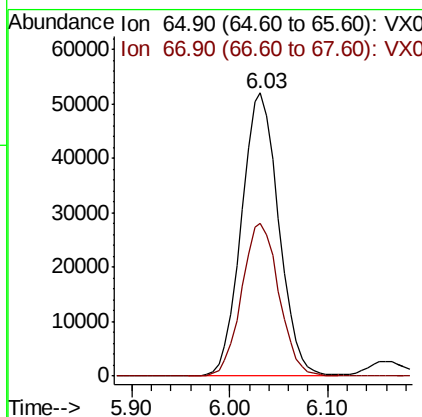
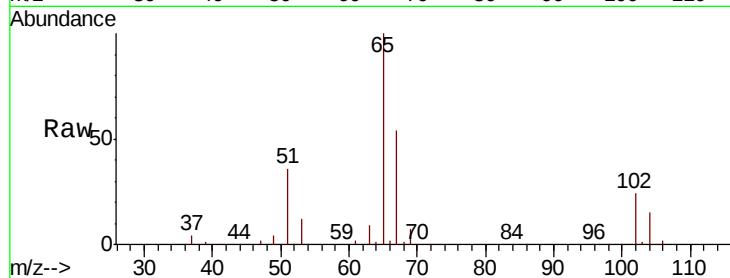




#33
 1,2-Dichloroethane-d4
 Concen: 87.829 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

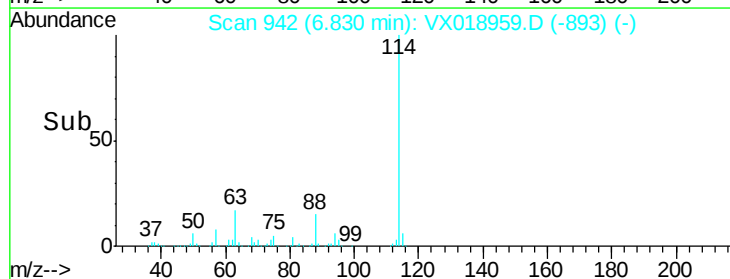
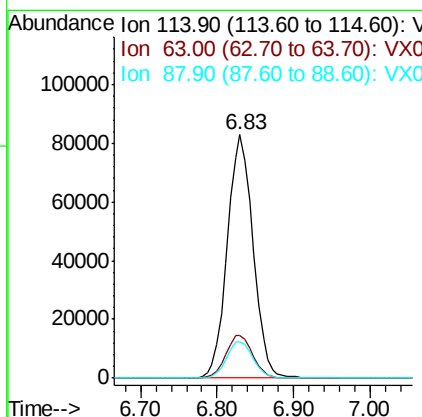
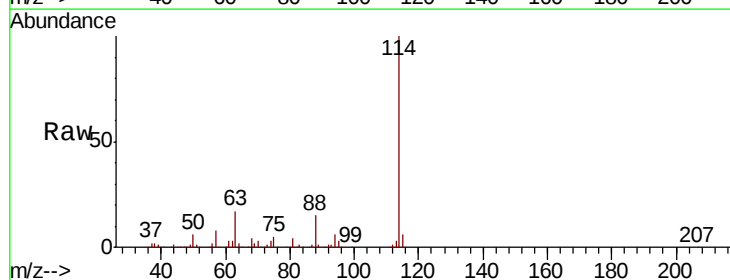
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

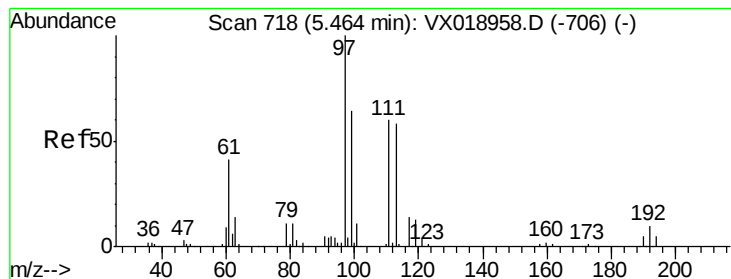
Tot Ion: 65 Resp: 137693
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 114 Resp: 192860
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 38.0
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 97.642 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

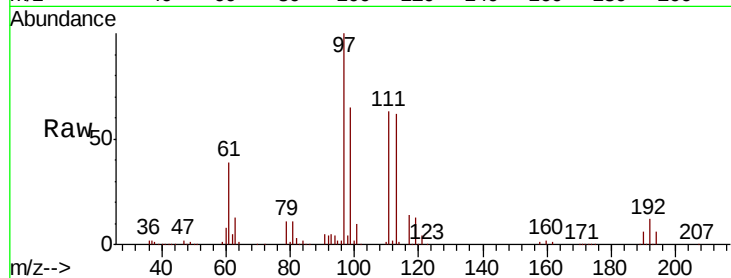
Tot Ion:113 Resp: 125169

Ion Ratio Lower Upper

113 100

111 102.5 80.8 121.2

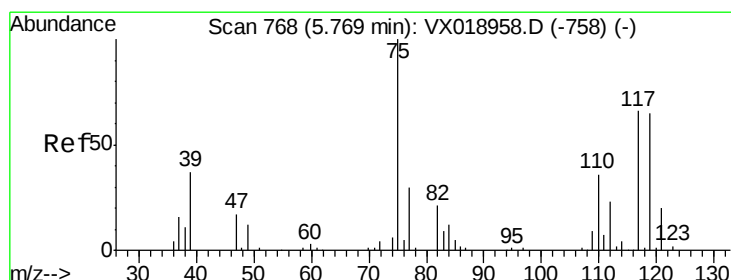
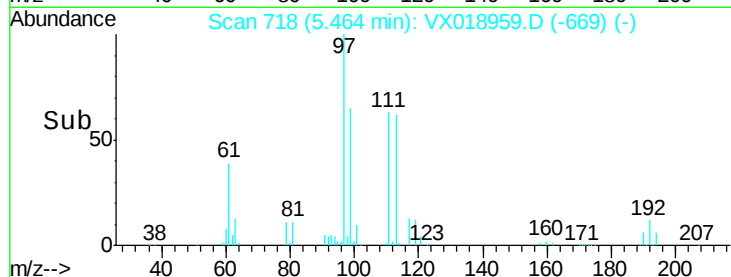
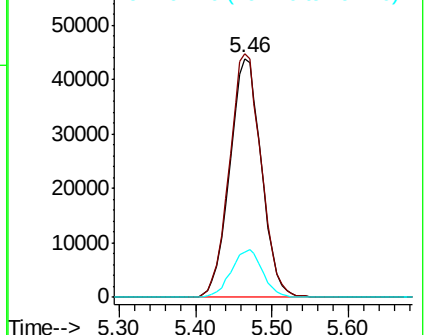
192 19.8 14.5 21.7



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: 101.488 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

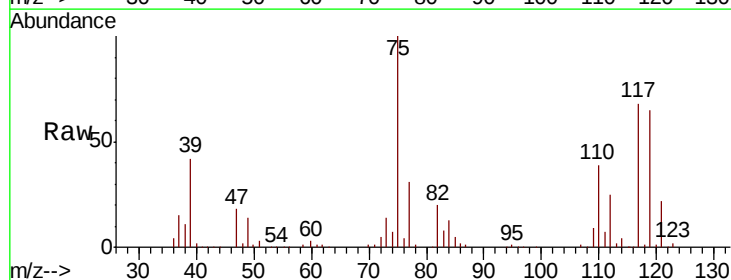
Tgt Ion: 75 Resp: 180273

Ion Ratio Lower Upper

75 100

110 38.2 18.3 54.8

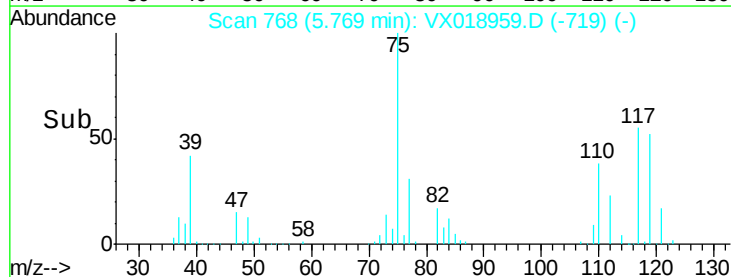
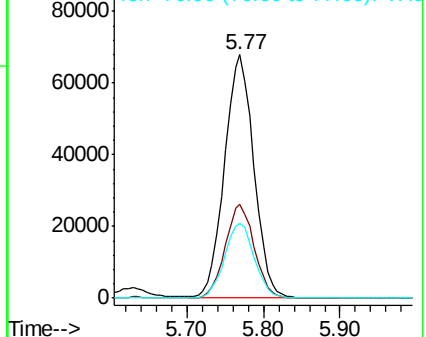
77 31.2 25.0 37.4

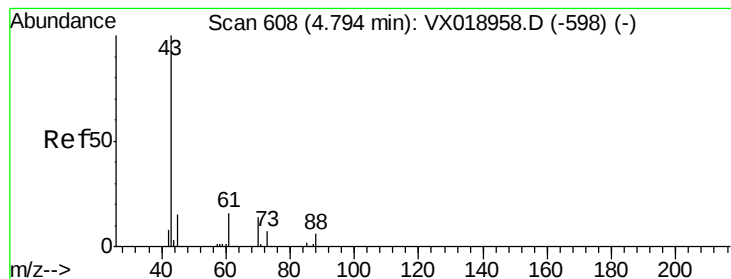


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 83.942 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

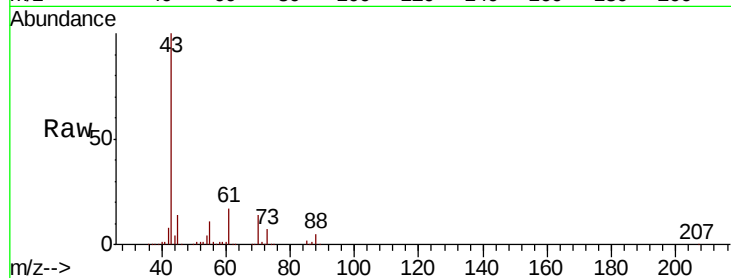
Tot Ion: 43 Resp: 169060

Ion Ratio Lower Upper

43 100

61 16.7 12.7 19.1

70 13.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX018959.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX018959.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX018959.D (-559) (-)

200000

150000

100000

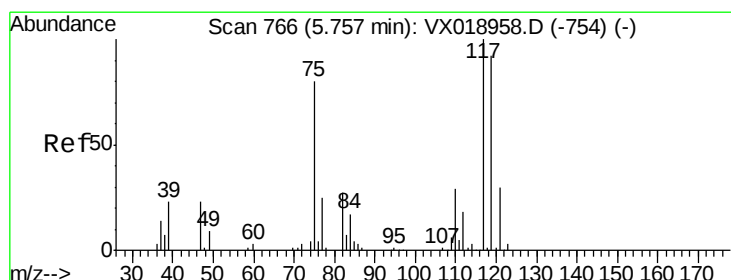
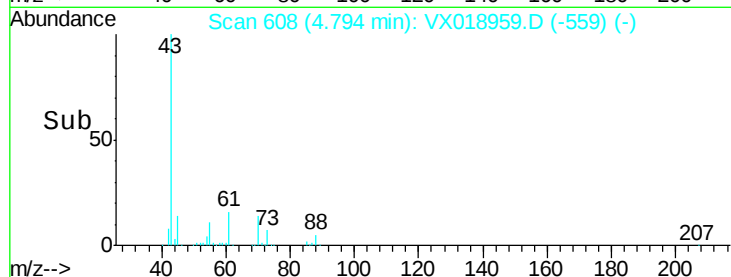
50000

0

4.79

4.70 4.80 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 98.041 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

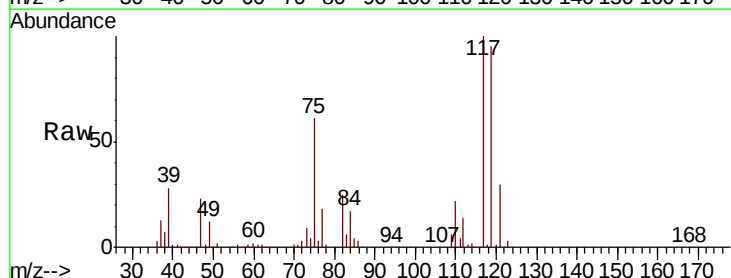
Tgt Ion: 117 Resp: 194257

Ion Ratio Lower Upper

117 100

119 95.2 73.2 109.8

121 30.3 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): VX018959.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX018959.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX018959.D (-717) (-)

80000

60000

40000

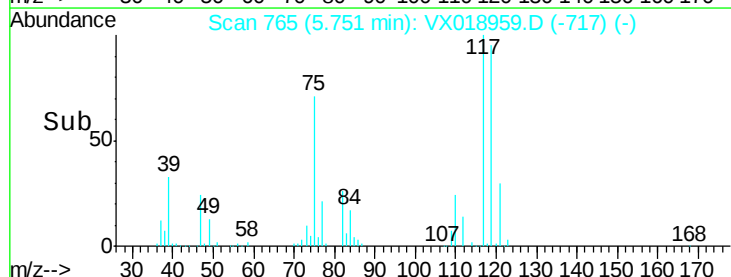
20000

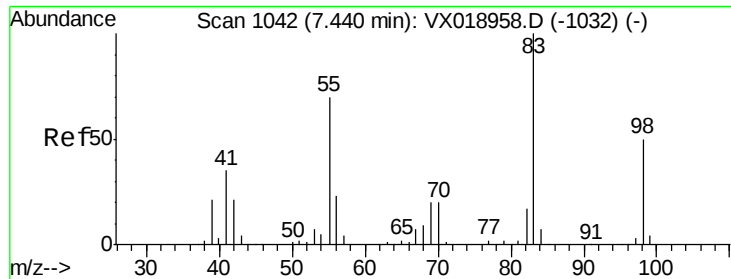
0

5.75

5.60 5.70 5.80 5.90

Time-->

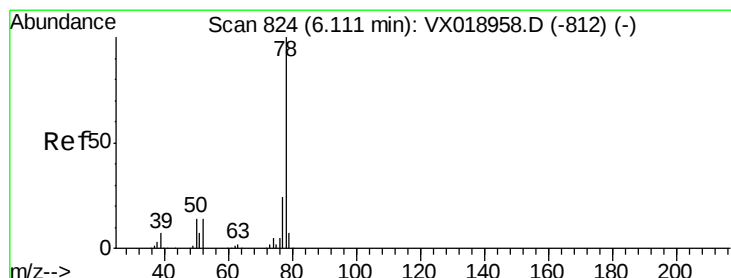
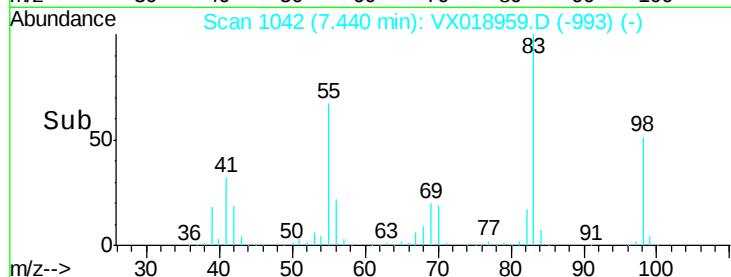
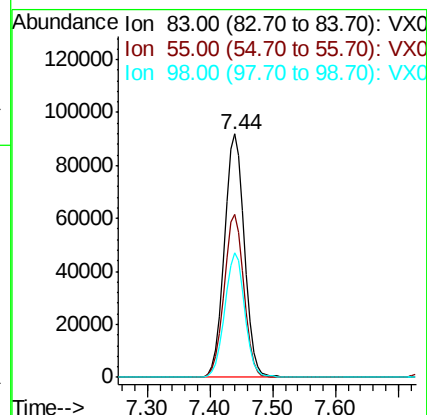
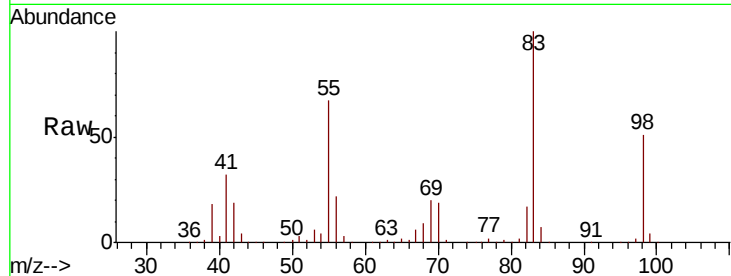




#39
Methvlcvclohexane
Concen: 104.423 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

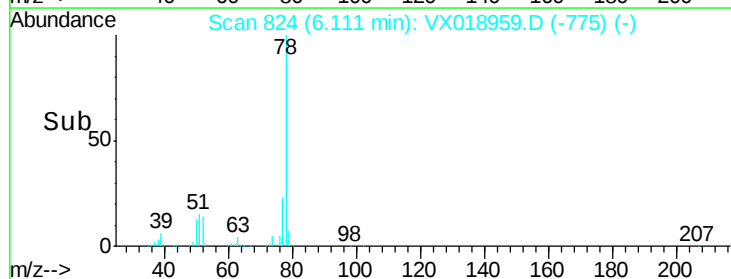
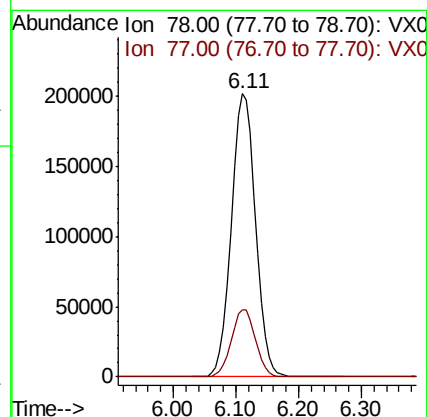
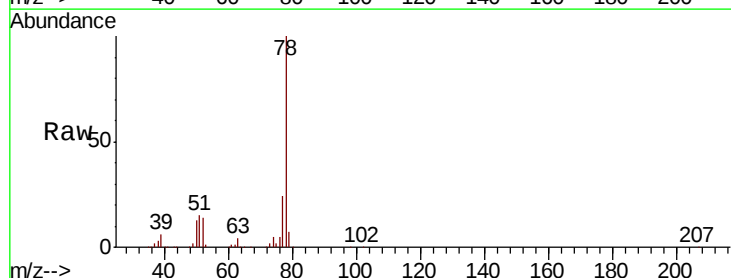
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

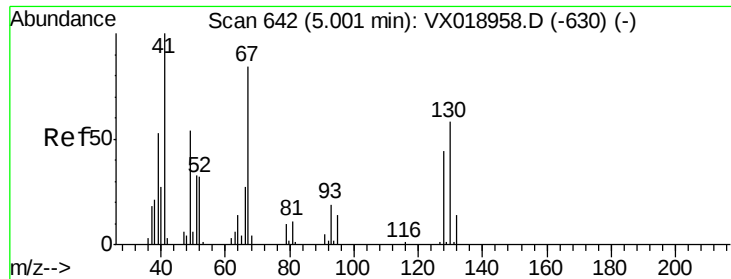
Tot Ion: 83 Resp: 202583
Ion Ratio Lower Upper
83 100
55 66.6 56.3 84.5
98 51.1 39.8 59.6



#40
Benzene
Concen: 102.331 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 78 Resp: 536752
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 79.346 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 87273

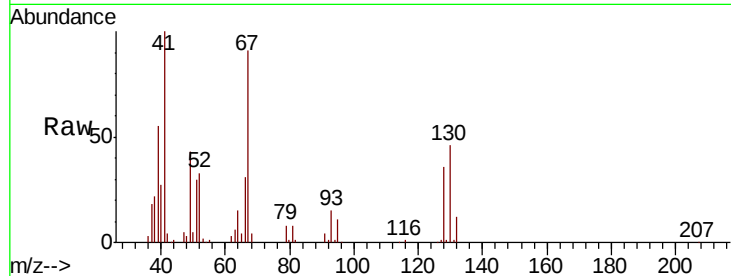
Ion Ratio Lower Upper

41 100

39 54.1 43.7 65.5

67 92.2 70.9 106.3

52 34.1 27.0 40.6

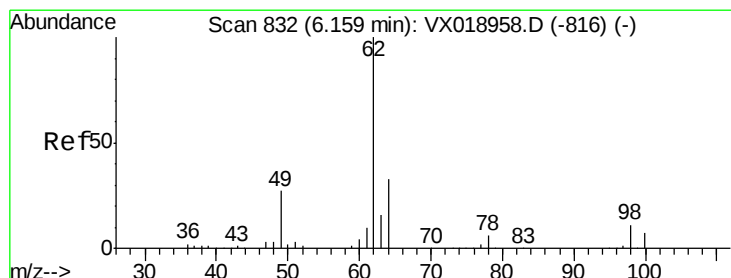
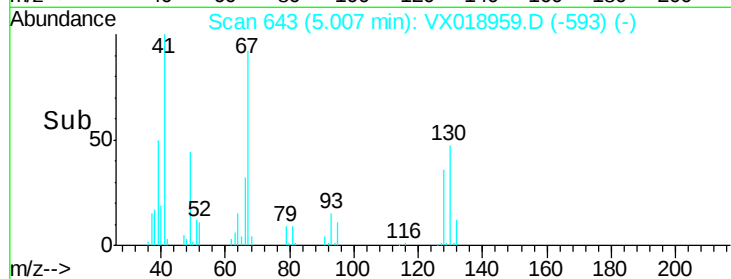
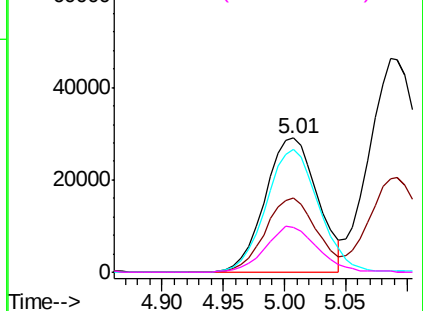


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 90.285 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018959.D

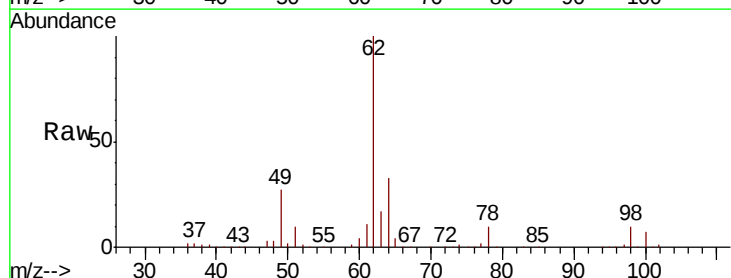
Acq: 19 Oct 2020 17:59

Tgt Ion: 62 Resp: 178504

Ion Ratio Lower Upper

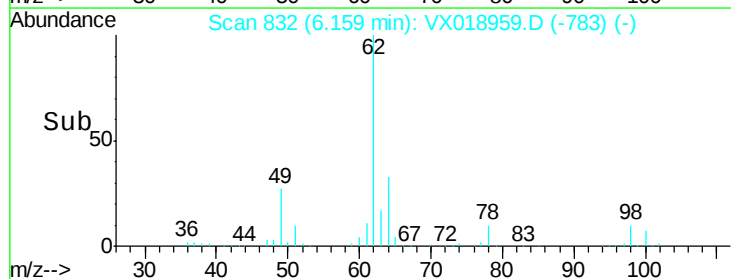
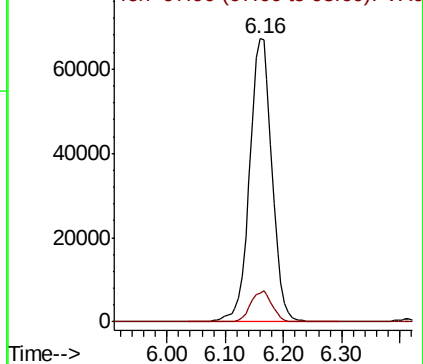
62 100

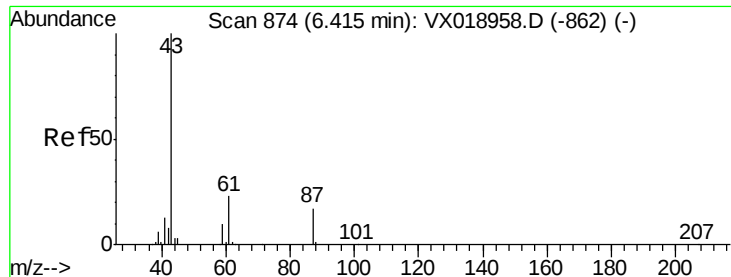
98 10.5 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



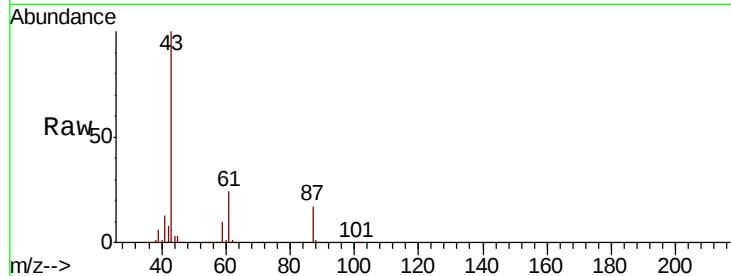


#43

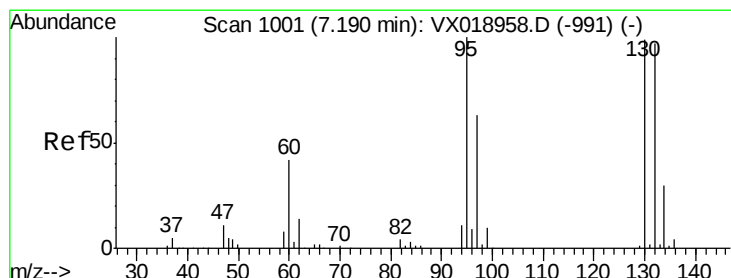
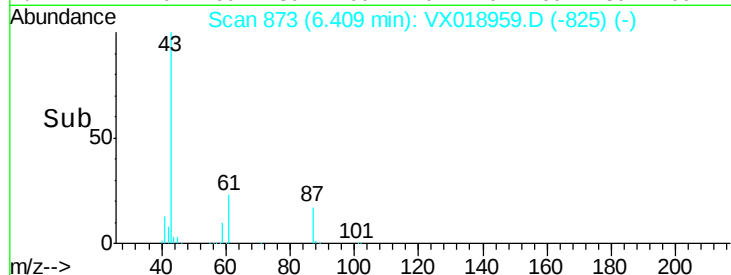
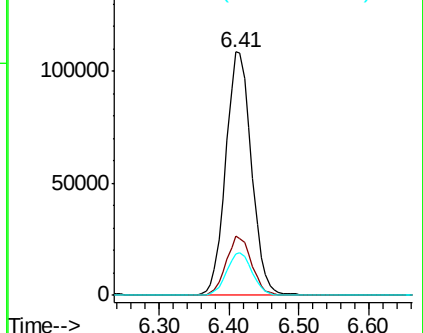
Isopropyl Acetate
 Concen: 85.123 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	43	Resp	276870
Ion Ratio	Lower	Upper	
43	100		
61	24.0	18.3	27.5
87	17.5	13.4	20.2



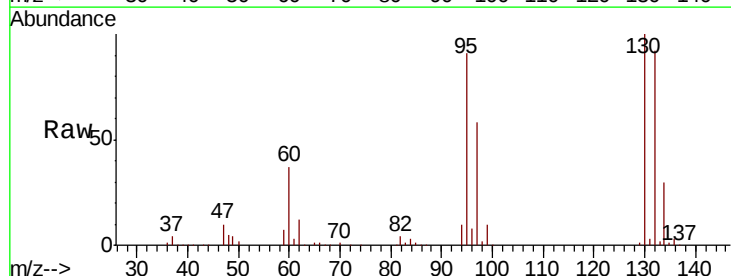
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



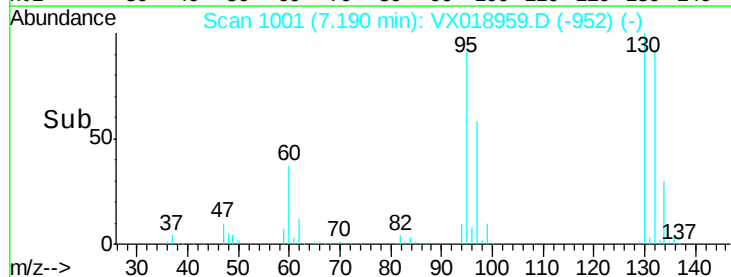
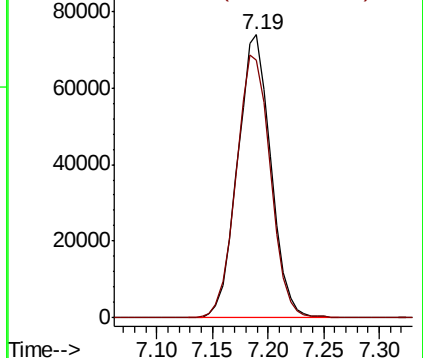
#44

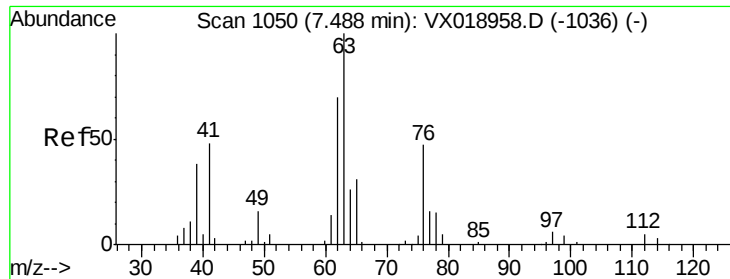
Trichloroethene
 Concen: 104.556 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	130	Resp	153232
Ion Ratio	Lower	Upper	
130	100		
95	91.2	0.0	201.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 93.769 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

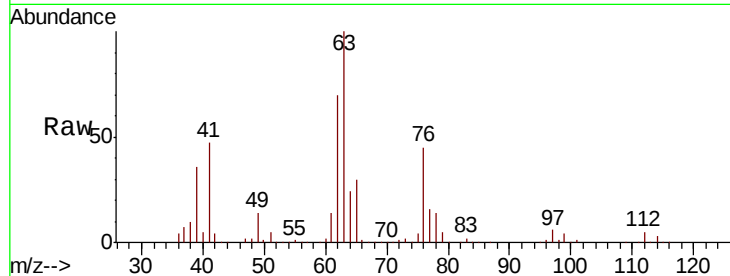
VSTDIC100

Tot Ion: 63 Resp: 129903

Ion Ratio Lower Upper

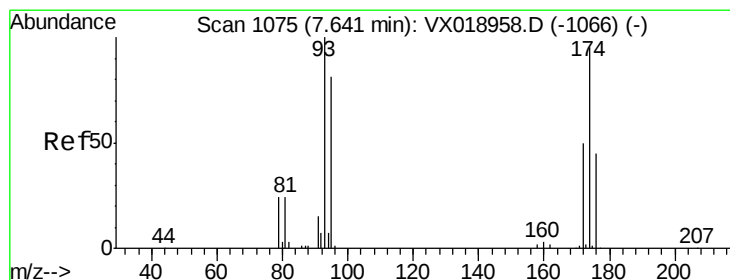
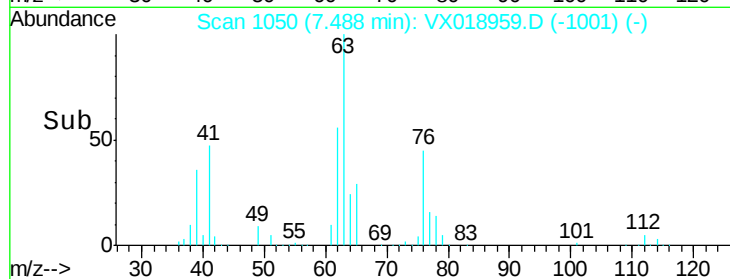
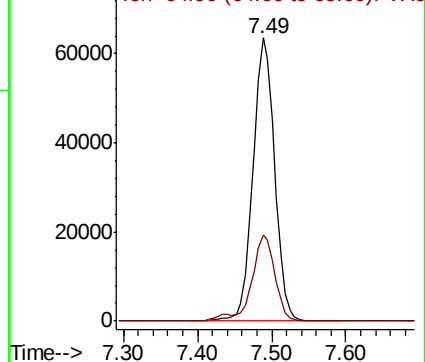
63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 98.186 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

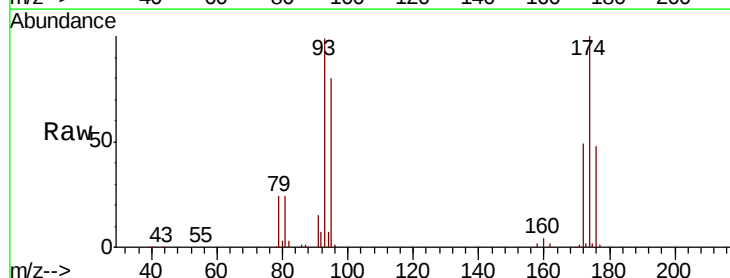
Tgt Ion: 93 Resp: 96602

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

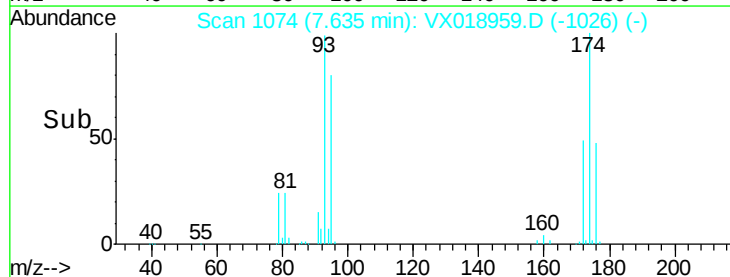
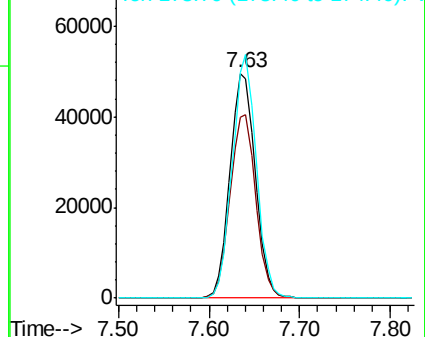
174 103.0 73.8 110.8

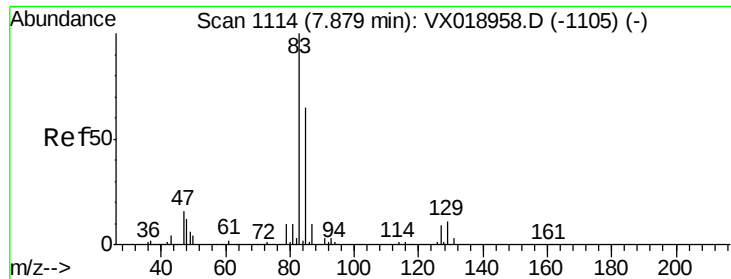


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 99.006 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

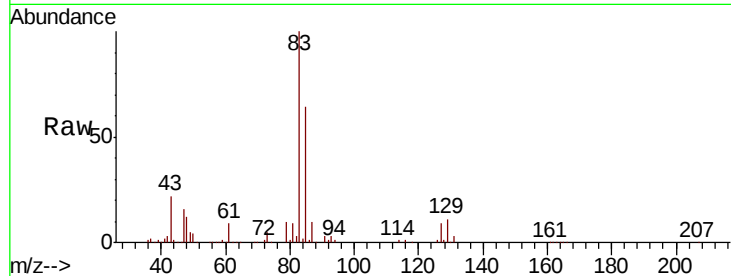
Tot Ion: 83 Resp: 193969

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6

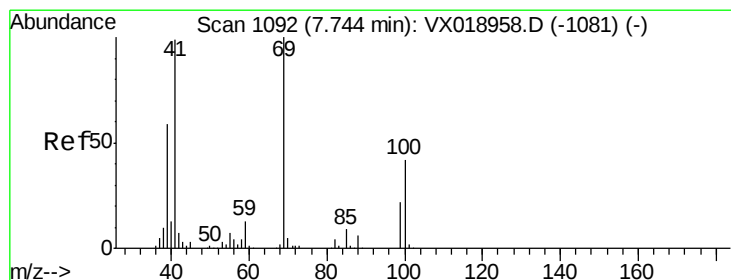
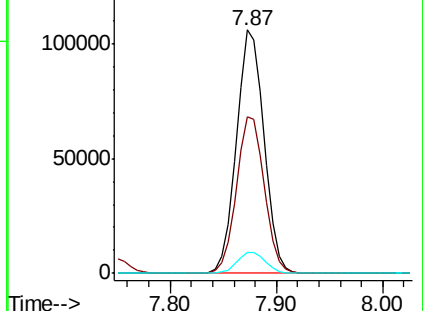
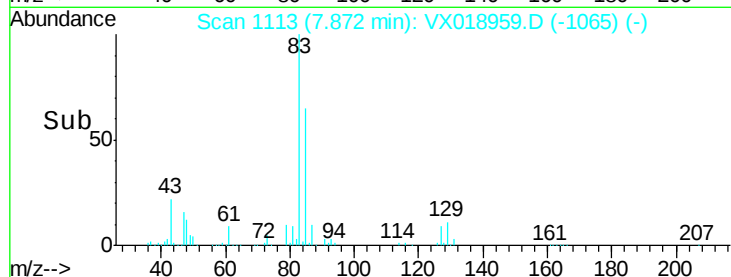
127 8.5 7.3 10.9



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: 80.115 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

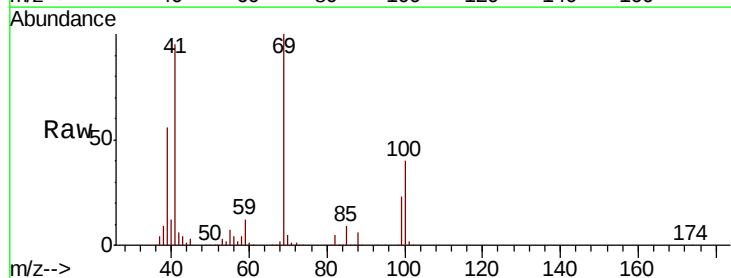
Tgt Ion: 41 Resp: 128446

Ion Ratio Lower Upper

41 100

69 105.5 82.4 123.6

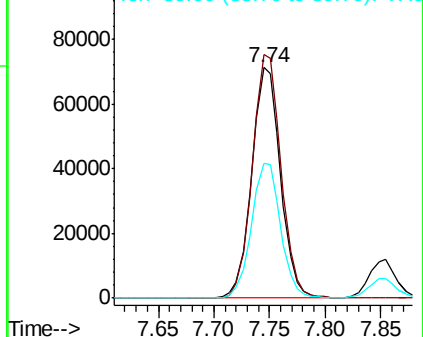
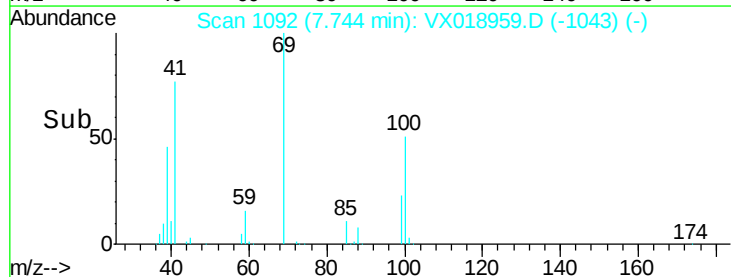
39 59.0 48.1 72.1

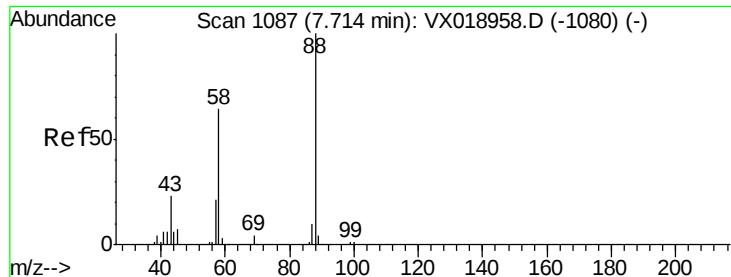


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

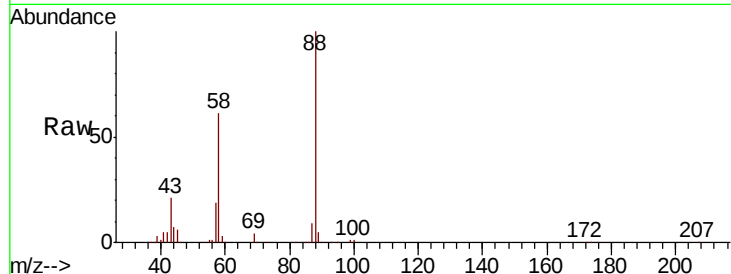




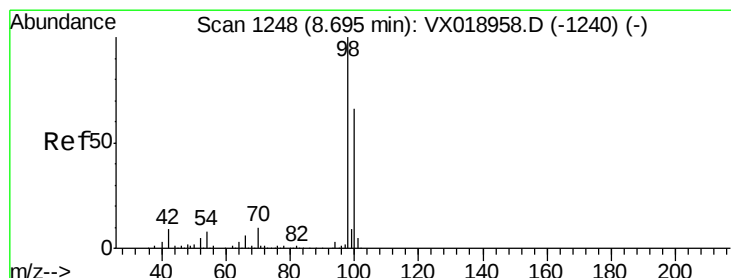
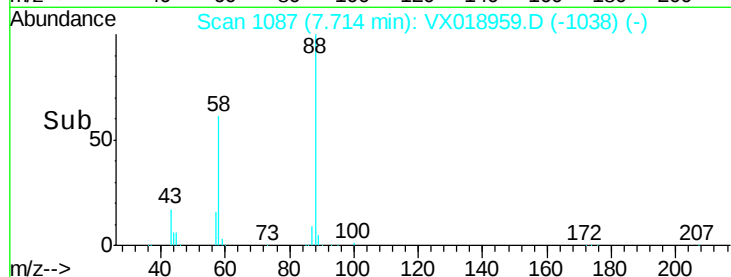
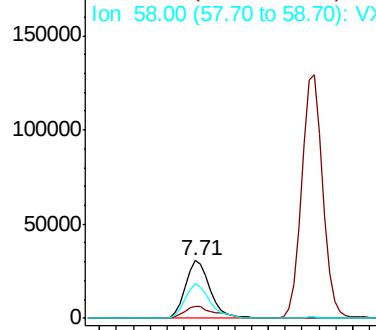
#49
1,4-Dioxane
Concen: 2080.621 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 62342
Ion Ratio Lower Upper
88 100
43 25.4 21.1 31.7
58 60.7 50.3 75.5

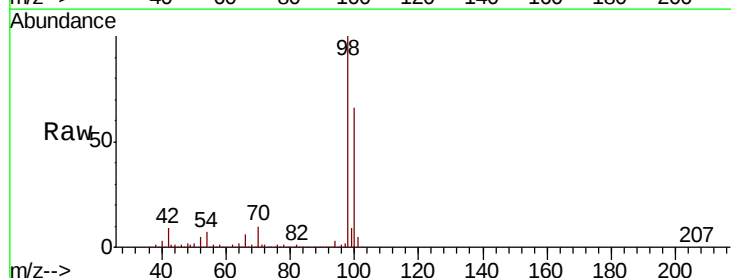


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

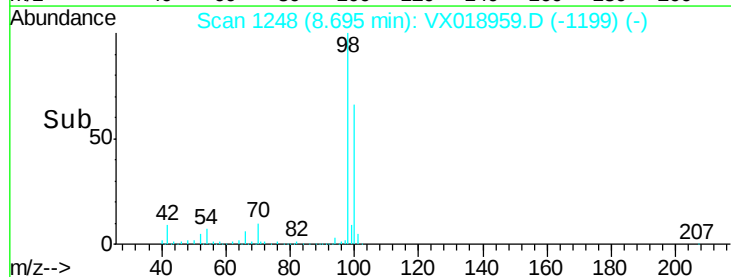
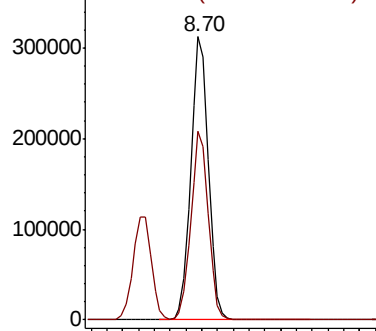


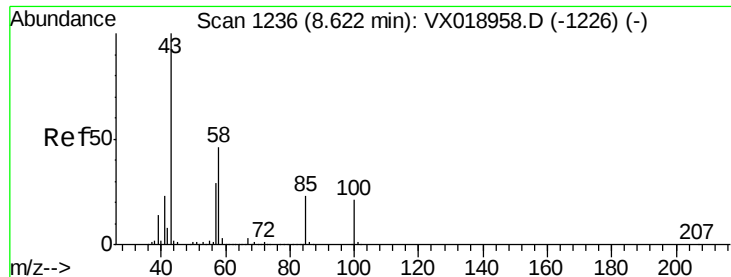
#50
Toluene-d8
Concen: 100.253 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 98 Resp: 483191
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 409.485 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

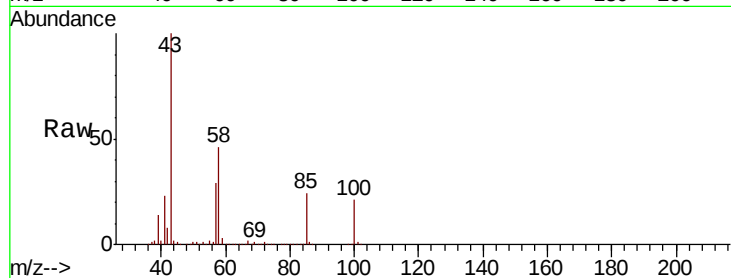
VSTDIC100

Tot Ion: 43 Resp: 816971

Ion Ratio Lower Upper

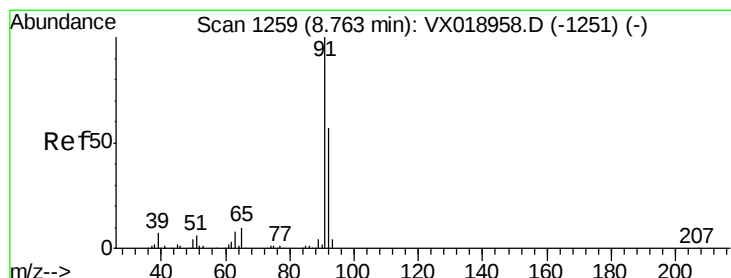
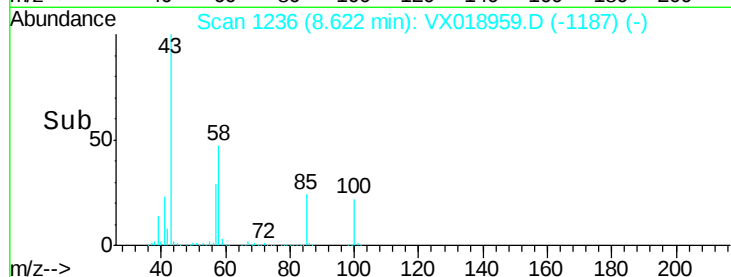
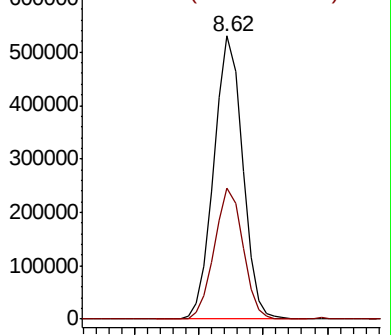
43 100

58 46.1 36.4 54.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 105.453 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018959.D

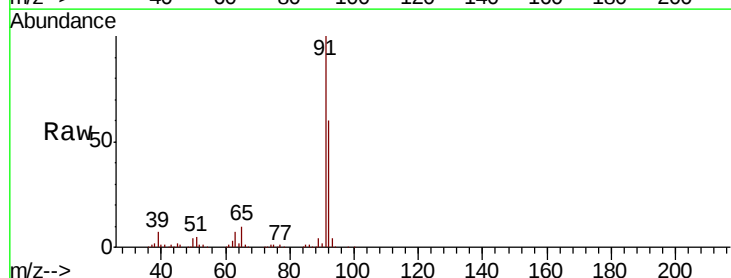
Acq: 19 Oct 2020 17:59

Tgt Ion: 92 Resp: 352682

Ion Ratio Lower Upper

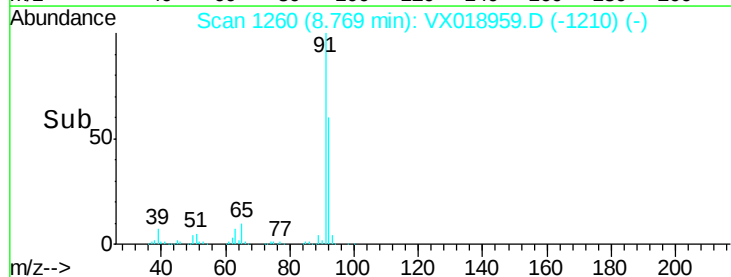
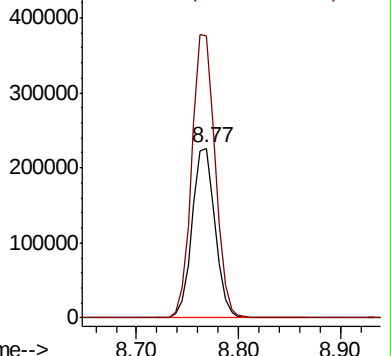
92 100

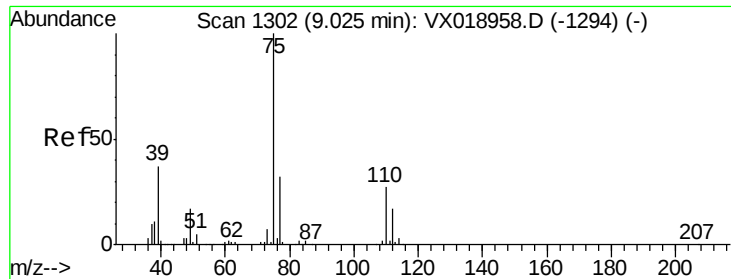
91 169.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 99.452 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

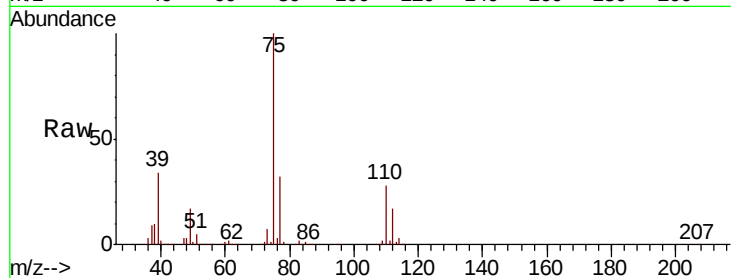
VSTDIC100

Tot Ion: 75 Resp: 217522

Ion Ratio Lower Upper

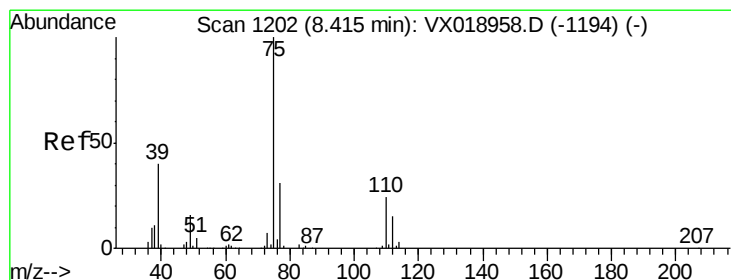
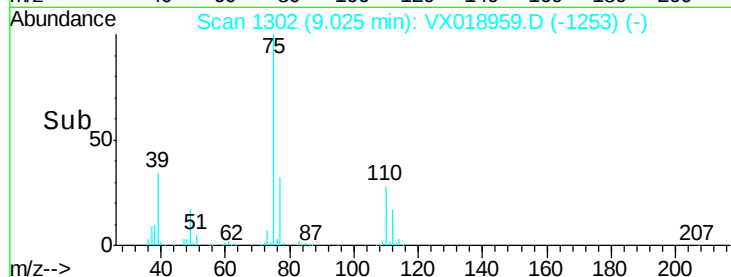
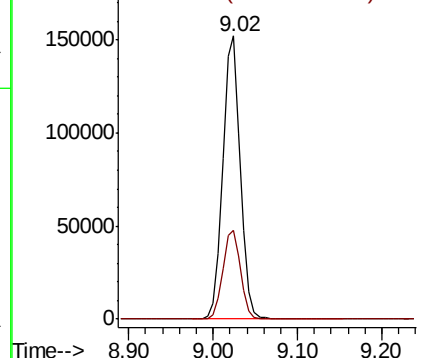
75 100

77 31.6 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 100.486 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

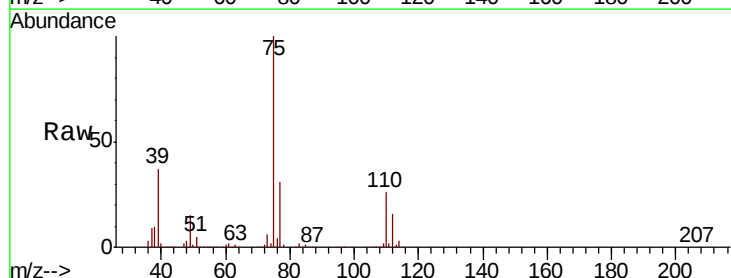
Tgt Ion: 75 Resp: 232295

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

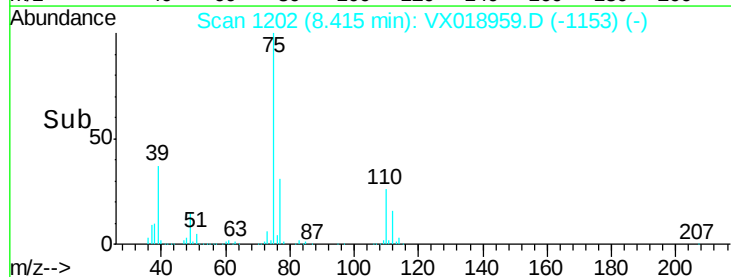
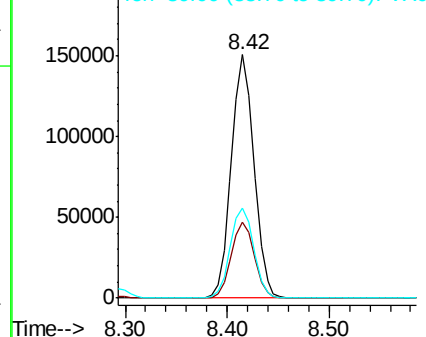
39 37.2 32.1 48.1

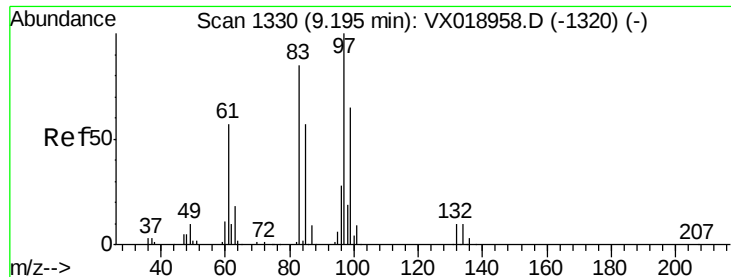


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

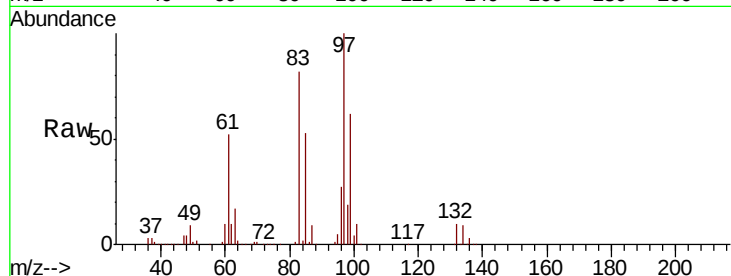




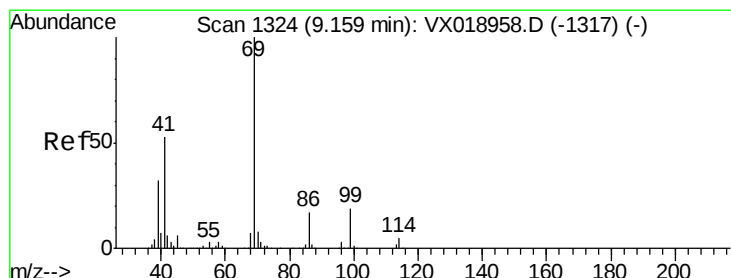
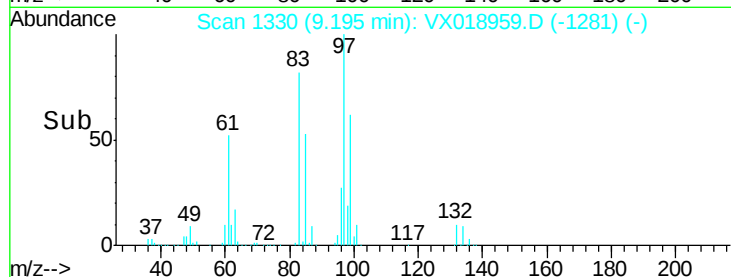
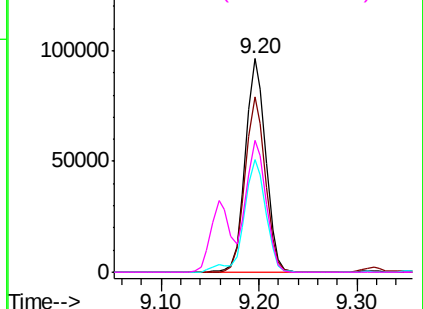
#55
 1,1,2-Trichloroethane
 Concen: 99.033 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion:	97	Resp:	139510
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.8	101.8
85	53.0	45.7	68.5
99	61.8	52.6	78.8

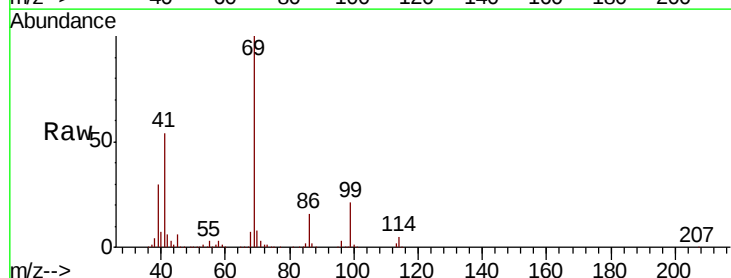


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

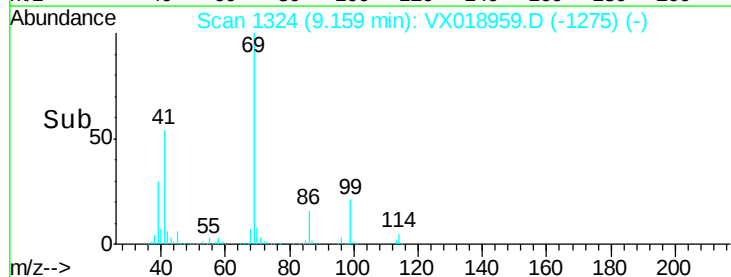
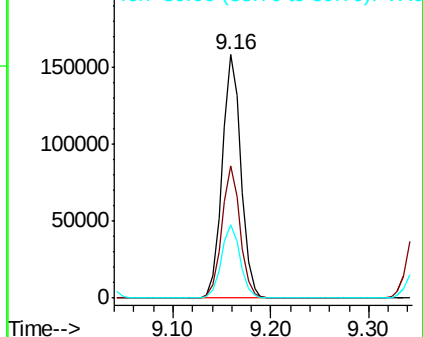


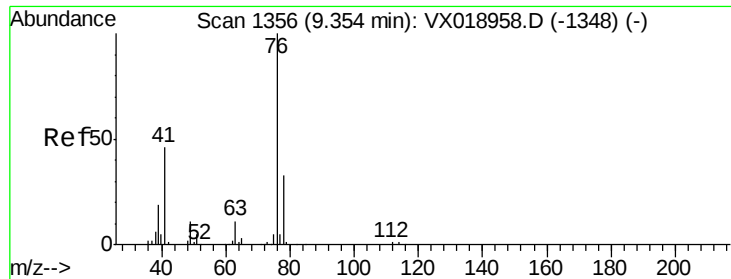
#56
 Ethyl methacrylate
 Concen: 99.769 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion:	69	Resp:	209270
Ion	Ratio	Lower	Upper
69	100		
41	52.8	43.4	65.2
39	30.2	25.0	37.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 97.309 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

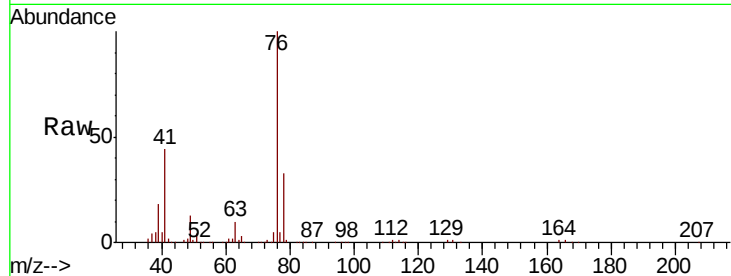
VSTDIC100

Tot Ion: 76 Resp: 225841

Ion Ratio Lower Upper

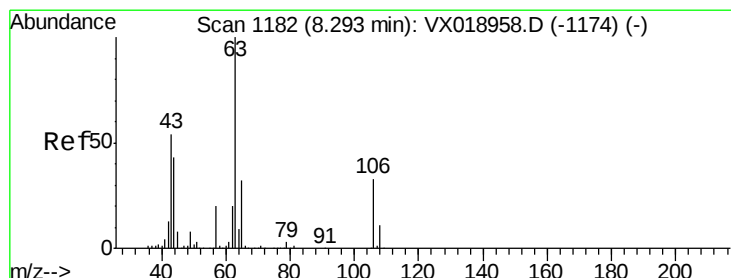
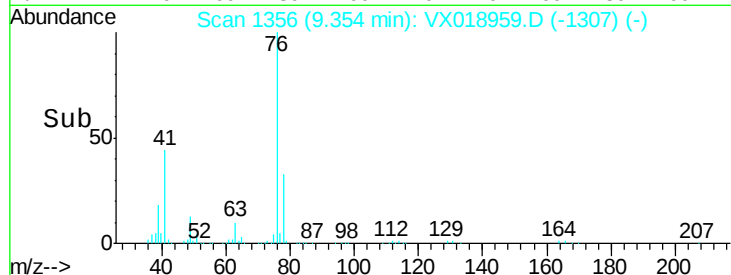
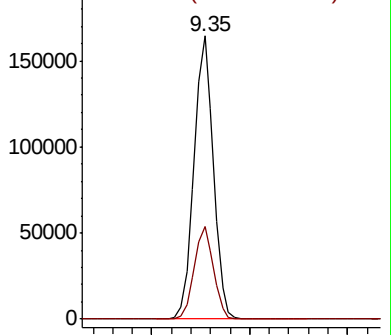
76 100

78 32.6 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: 566.143 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018959.D

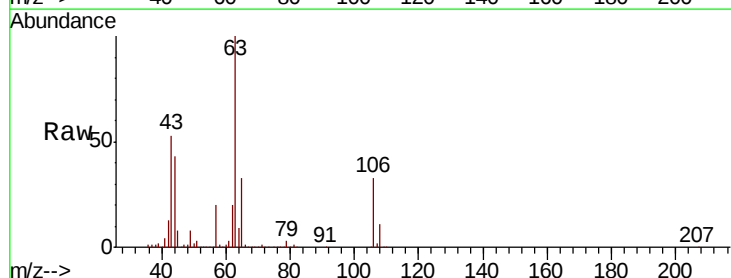
Acq: 19 Oct 2020 17:59

Tgt Ion: 63 Resp: 549886

Ion Ratio Lower Upper

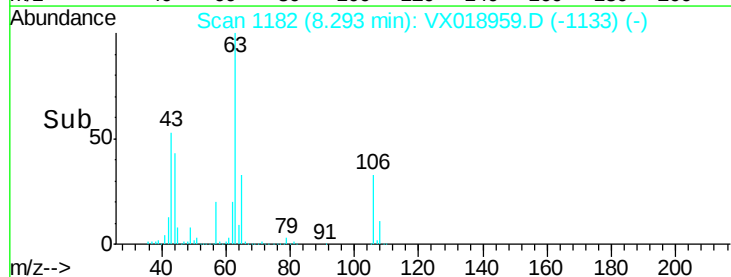
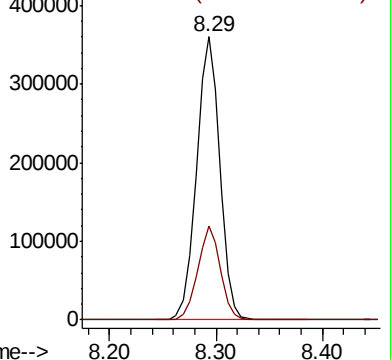
63 100

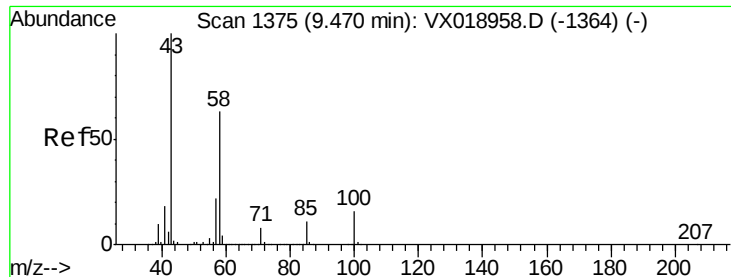
106 32.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

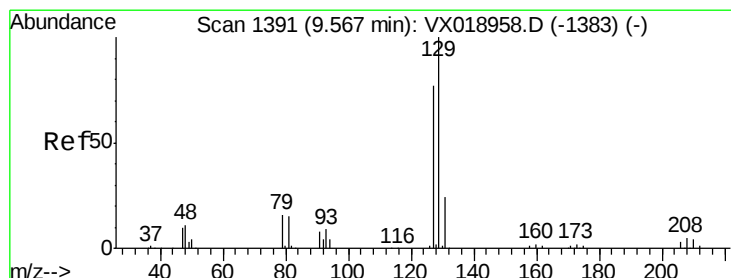
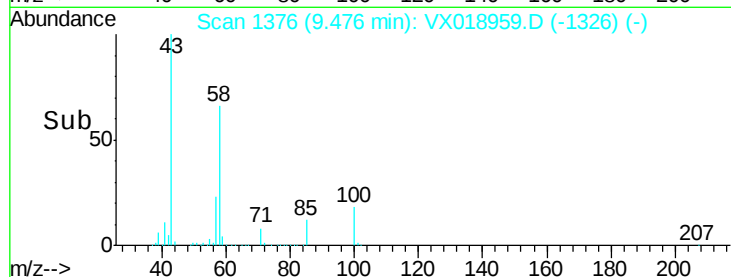
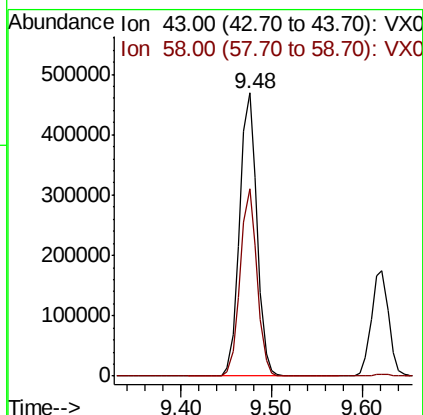
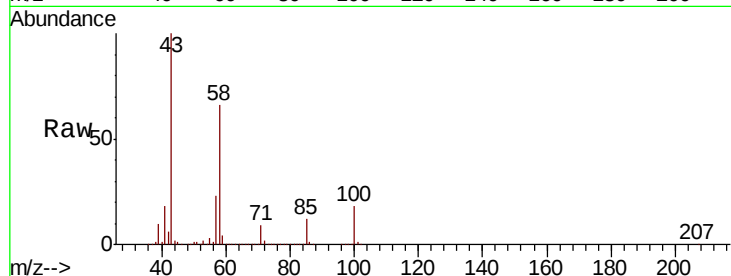




#59
2-Hexanone
Concen: 409.539 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

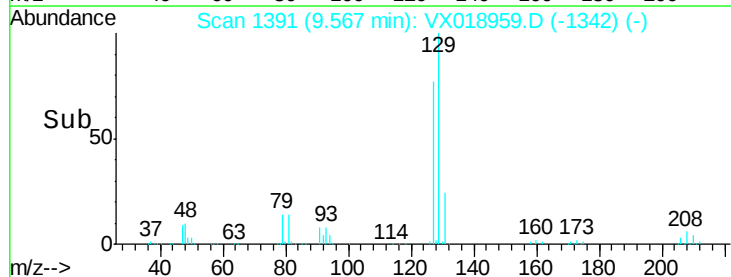
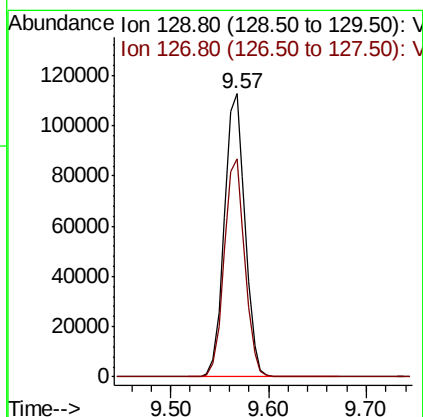
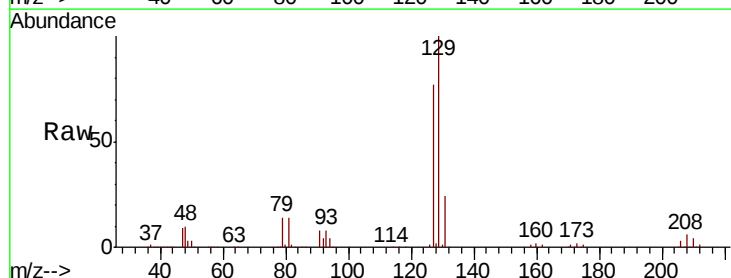
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

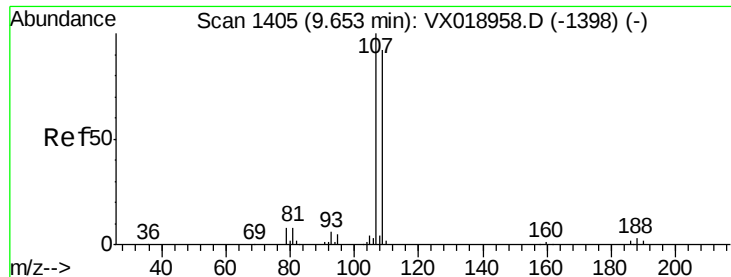
Tot Ion: 43 Resp: 619693
Ion Ratio Lower Upper
43 100
58 64.6 31.7 95.1



#60
Dibromochloromethane
Concen: 100.310 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 129 Resp: 164636
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 97.802 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

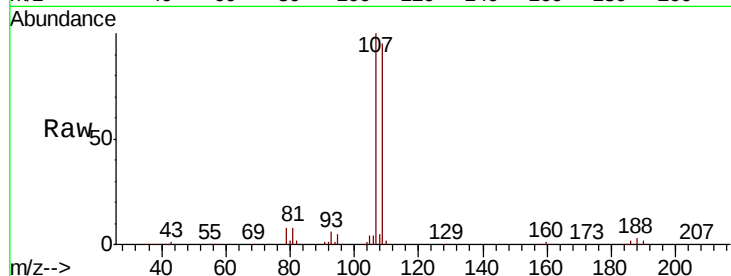
VSTDIC100

Tot Ion:107 Resp: 149597

Ion Ratio Lower Upper

107 100

109 96.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

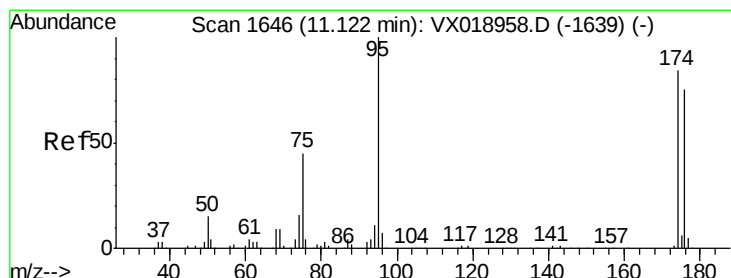
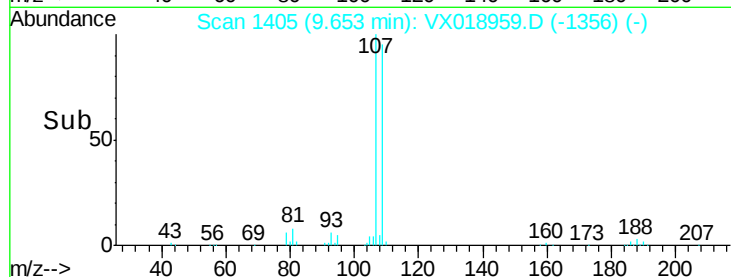
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 89.816 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

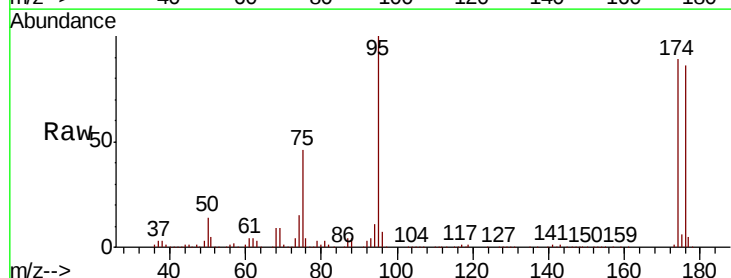
Tgt Ion: 95 Resp: 167439

Ion Ratio Lower Upper

95 100

174 86.7 0.0 164.6

176 84.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

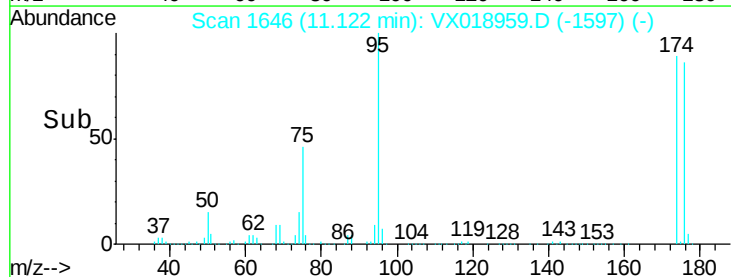
150000

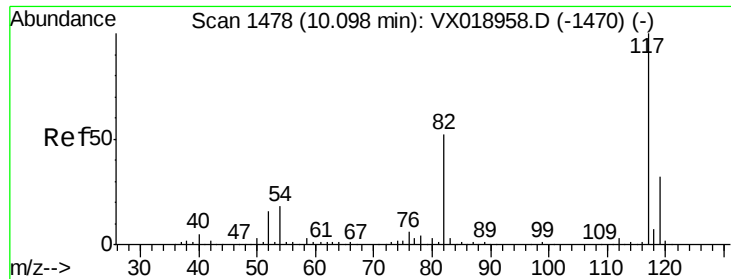
100000

50000

0

Time-->

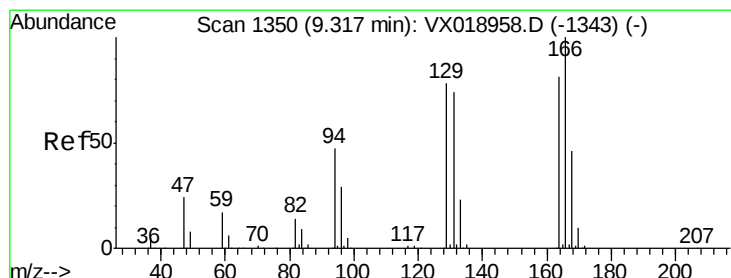
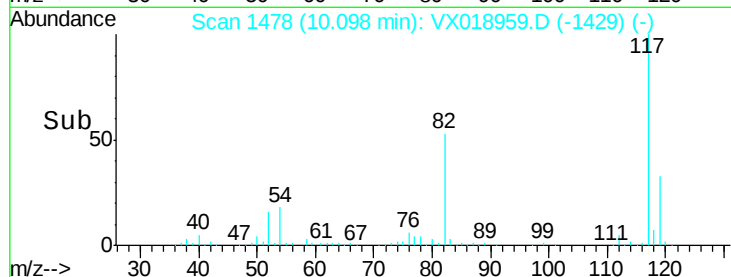
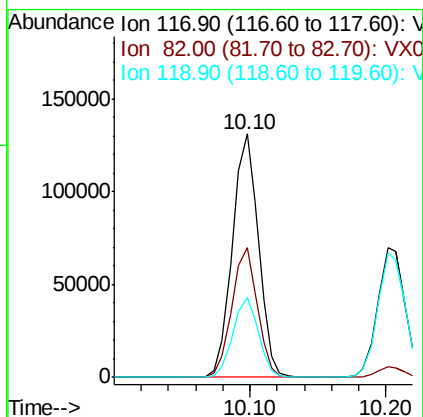
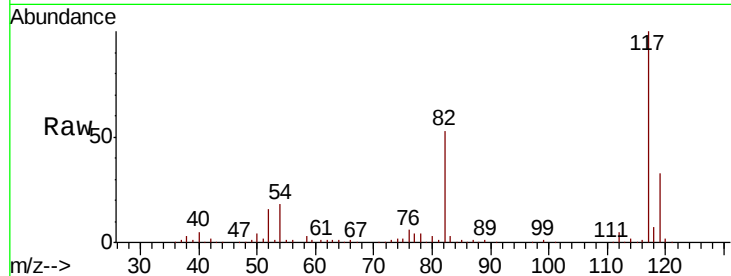




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

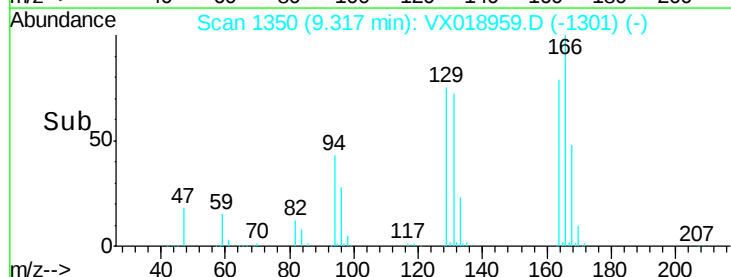
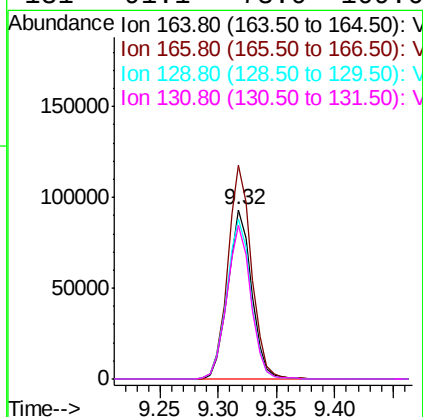
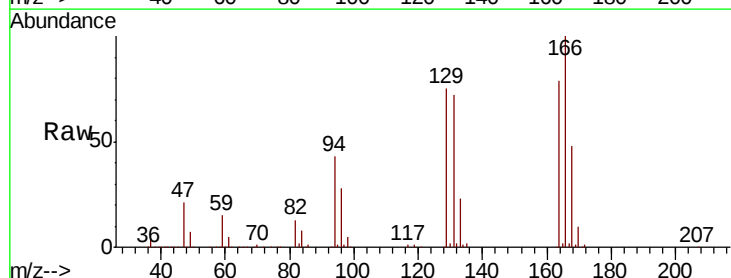
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

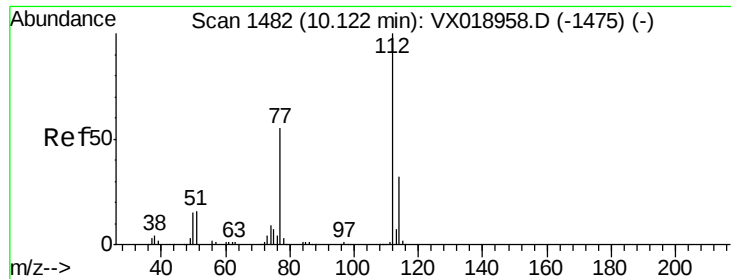
Tot Ion:117 Resp: 174452
Ion Ratio Lower Upper
117 100
82 53.0 41.6 62.4
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 103.931 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion:164 Resp: 131883
Ion Ratio Lower Upper
164 100
166 126.4 98.9 148.3
129 94.6 77.0 115.4
131 91.1 73.0 109.6

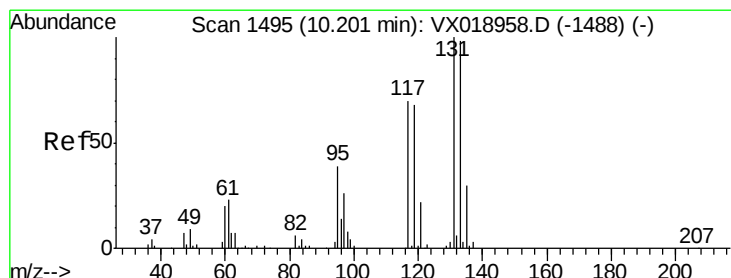
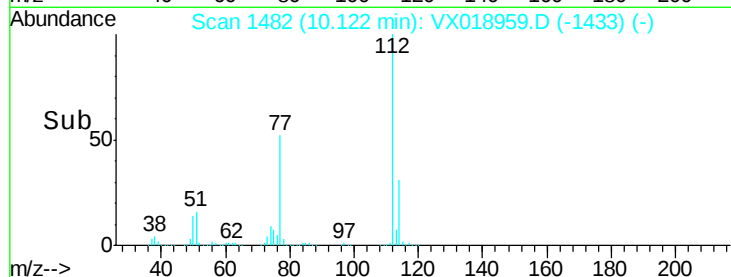
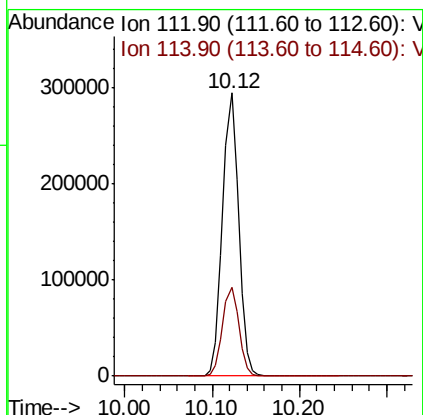
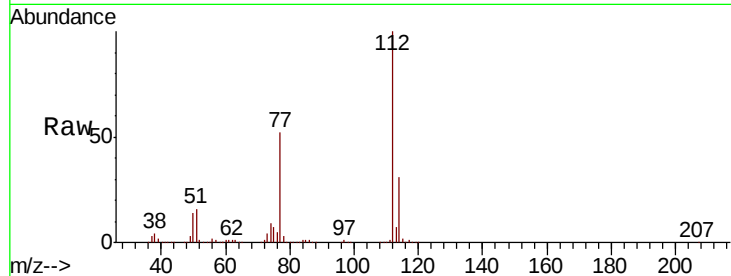




#65
Chlorobenzene
Concen: 107.693 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

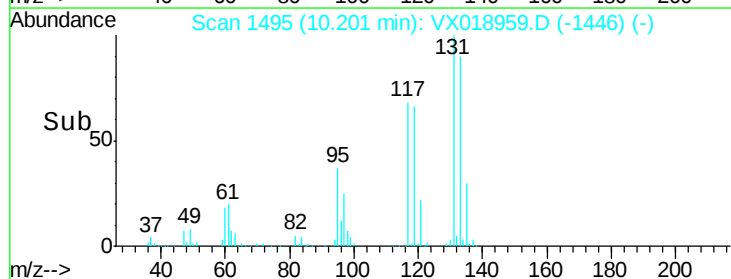
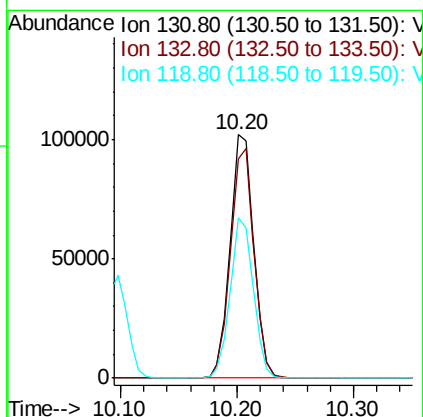
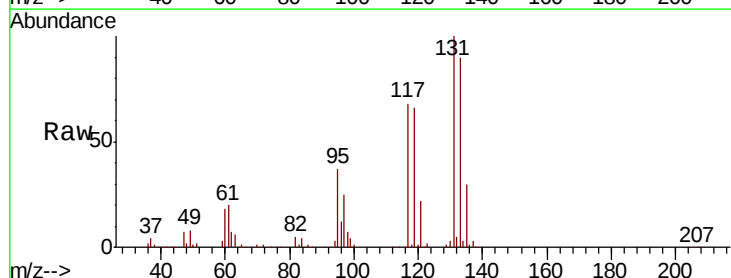
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

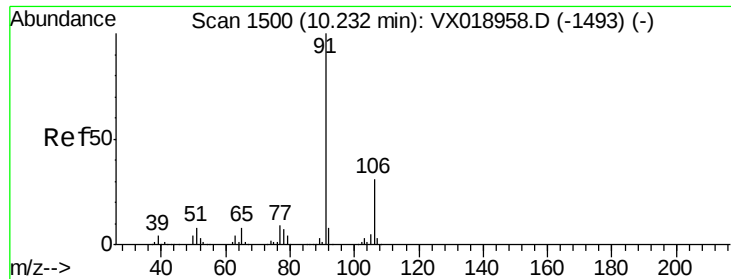
Tot Ion:112 Resp: 376848
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 105.836 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion:131 Resp: 144374
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.2
119 64.8 33.5 100.4

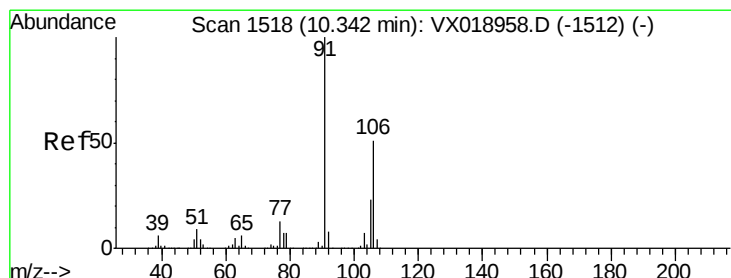
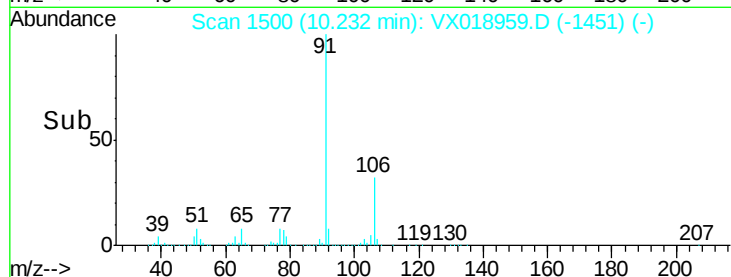
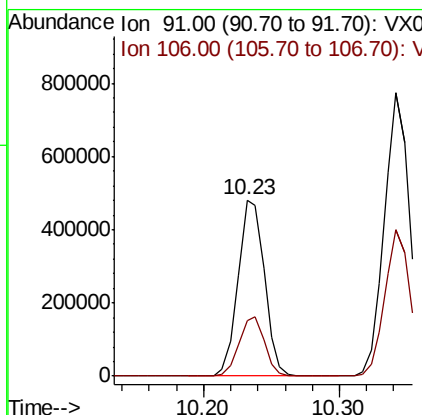
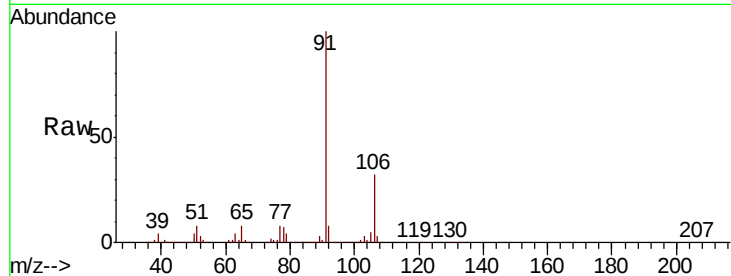




#67
Ethyl Benzene
Concen: 109.039 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

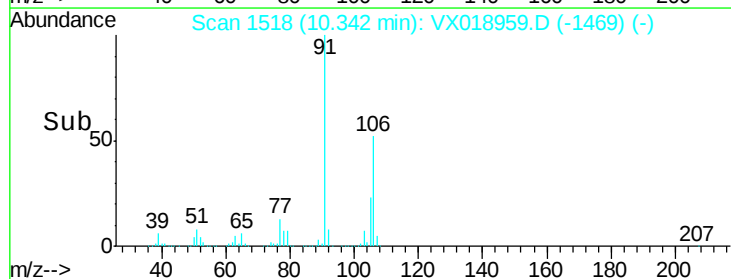
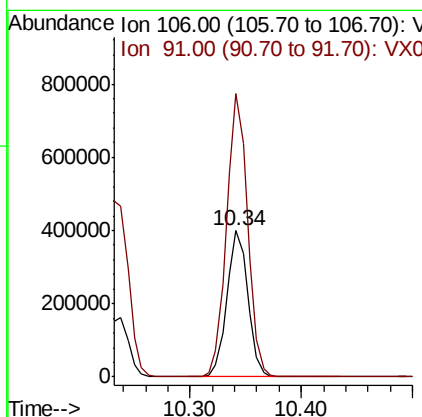
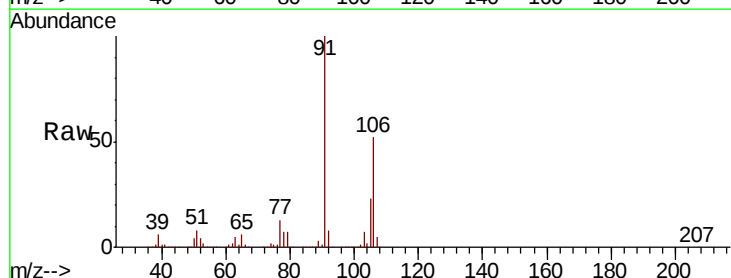
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

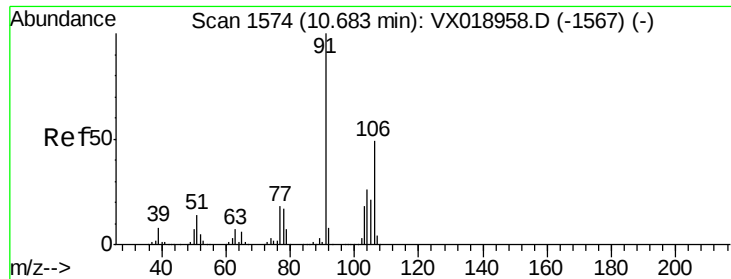
Tot Ion: 91 Resp: 649637
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1



#68
m/p-Xylenes
Concen: 233.522 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 106 Resp: 521683
Ion Ratio Lower Upper
106 100
91 193.6 156.7 235.1

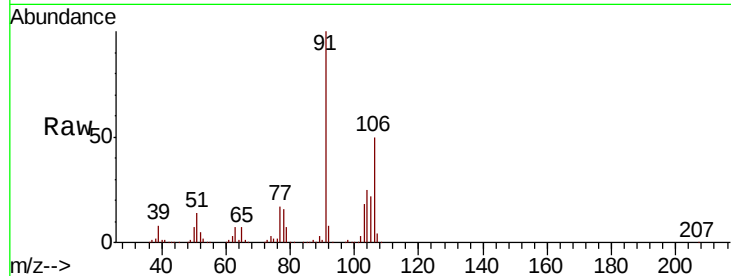




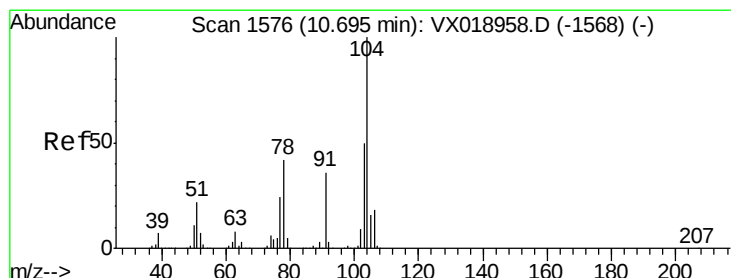
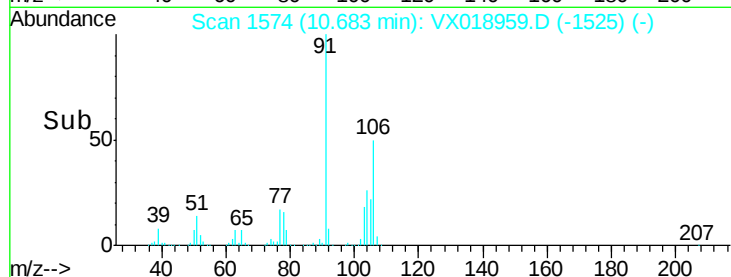
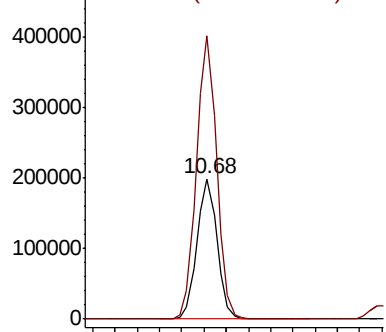
#69
o-Xylene
Concen: 114.833 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 249674
Ion Ratio Lower Upper
106 100
91 201.9 102.4 307.1

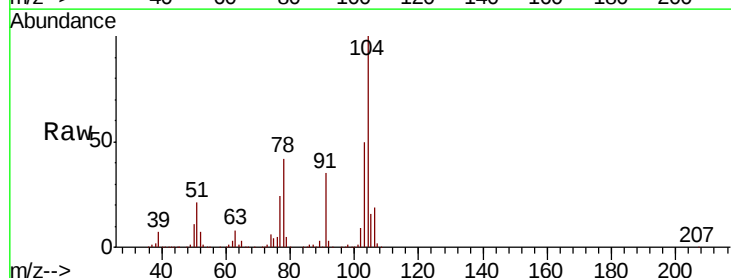


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

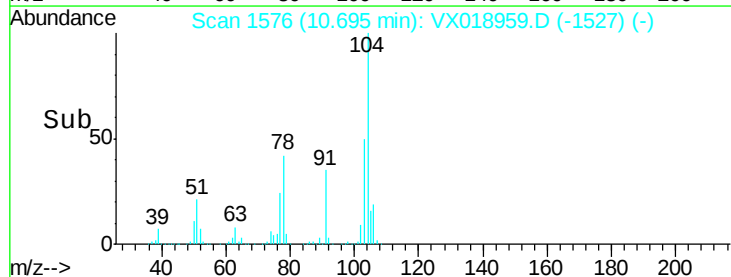
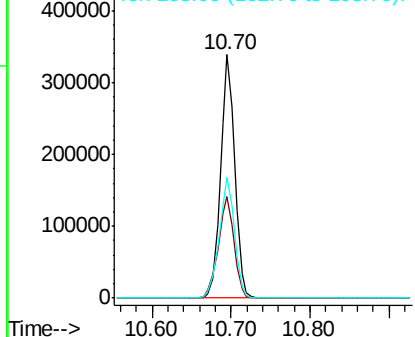


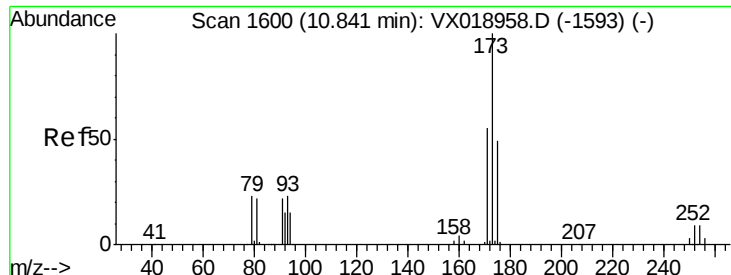
#70
Styrene
Concen: 114.678 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion:104 Resp: 421971
Ion Ratio Lower Upper
104 100
78 46.5 37.9 56.9
103 54.0 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: 107.679 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

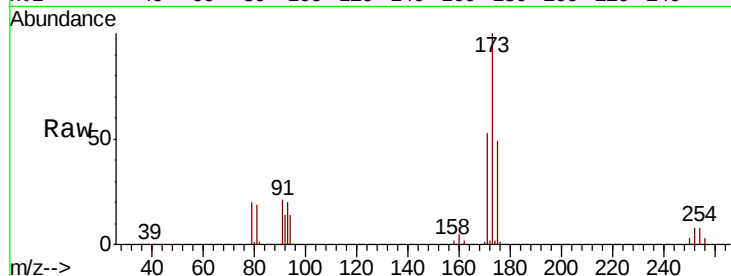
Tot Ion:173 Resp: 124730

Ion Ratio Lower Upper

173 100

175 49.1 23.7 71.1

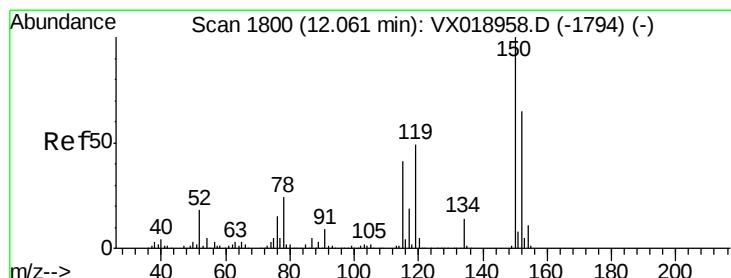
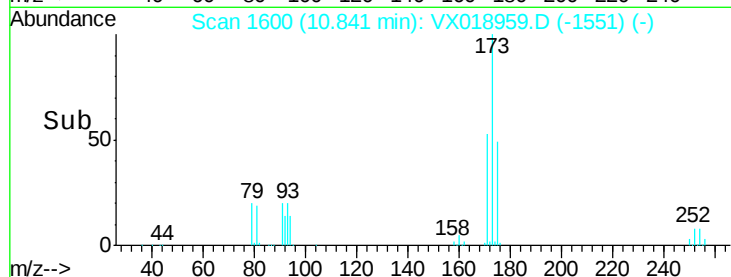
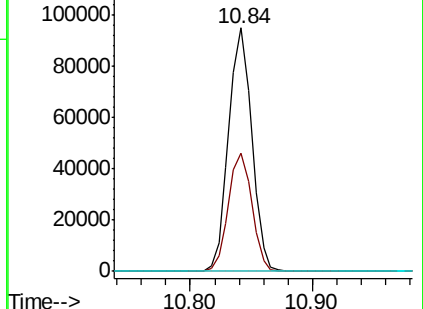
254 0.1 0.0 0.0#



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: VX018959.D

Acq: 19 Oct 2020 17:59

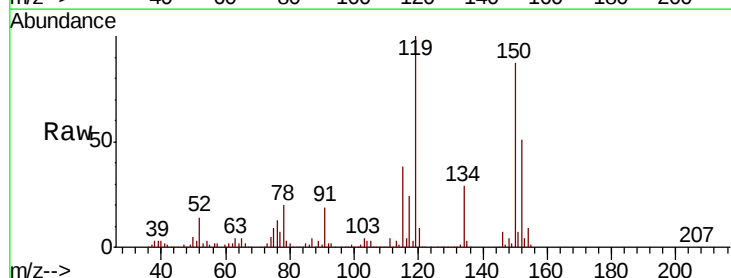
Tgt Ion:152 Resp: 91229

Ion Ratio Lower Upper

152 100

115 105.8 40.8 122.2

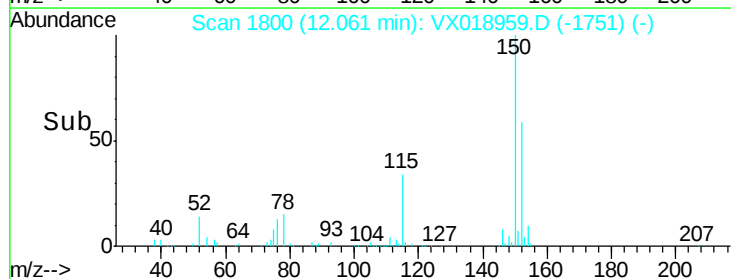
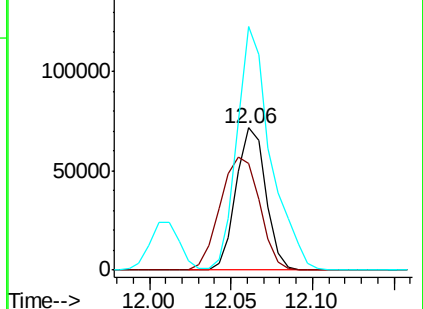
150 194.0 0.0 352.0

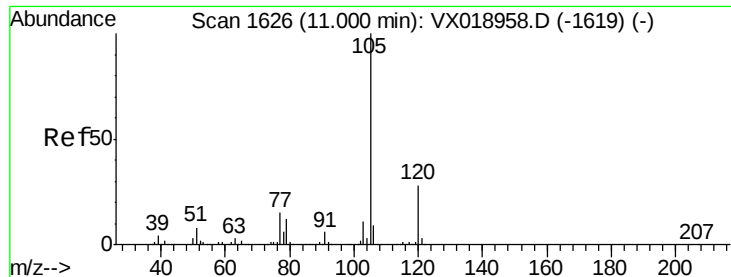


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 109.664 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

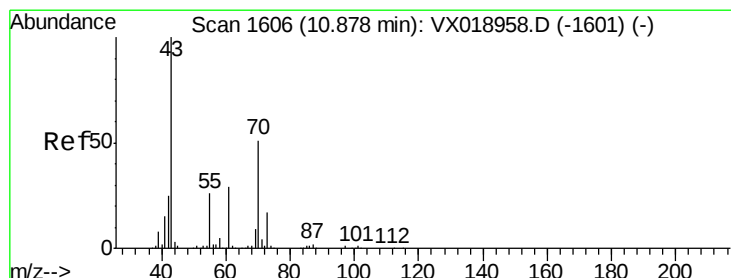
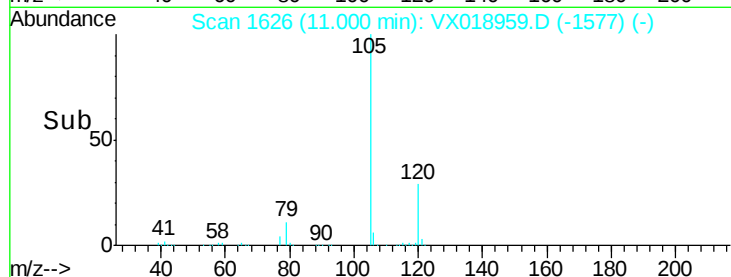
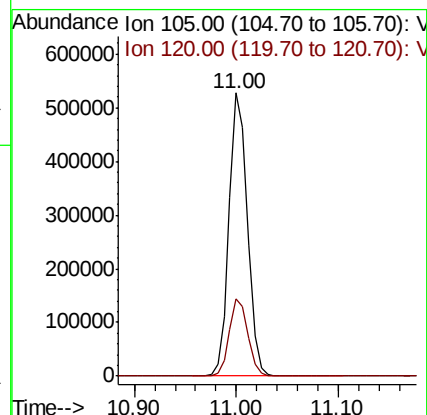
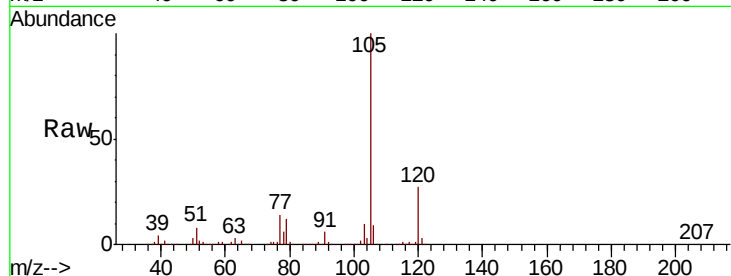
VSTDIC100

Tot Ion:105 Resp: 660254

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



#74

N-ethyl acetate

Concen: 83.905 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tgt Ion: 43 Resp: 227866

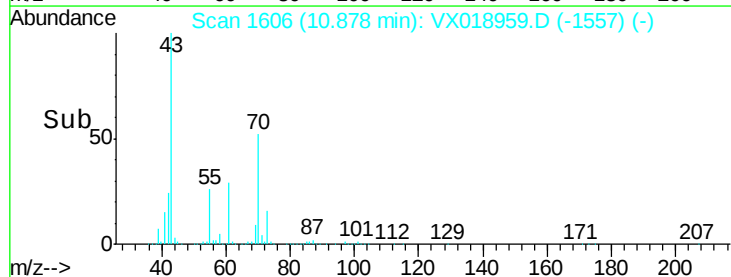
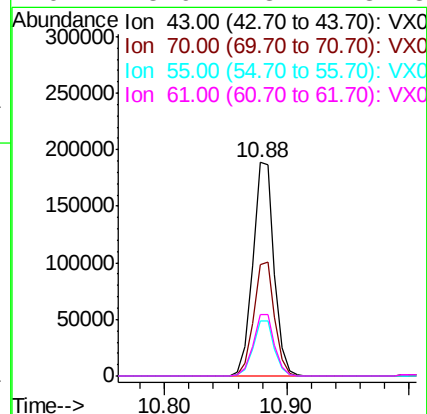
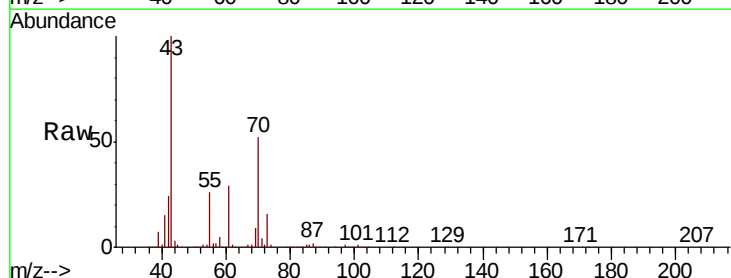
Ion Ratio Lower Upper

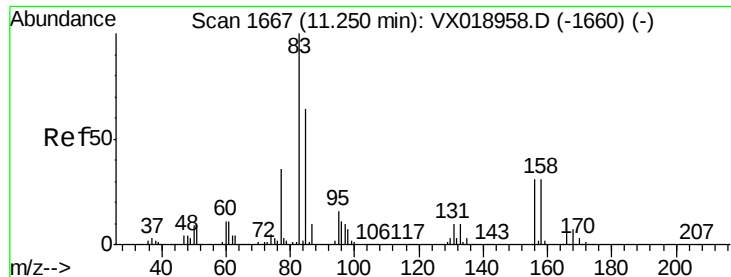
43 100

70 53.0 42.4 63.6

55 26.0 21.0 31.6

61 28.9 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 96.687 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

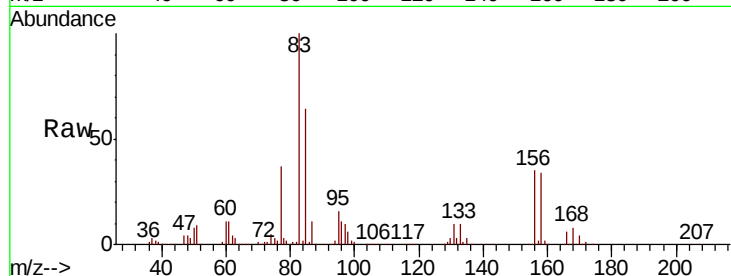
Tot Ion: 83 Resp: 204848

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

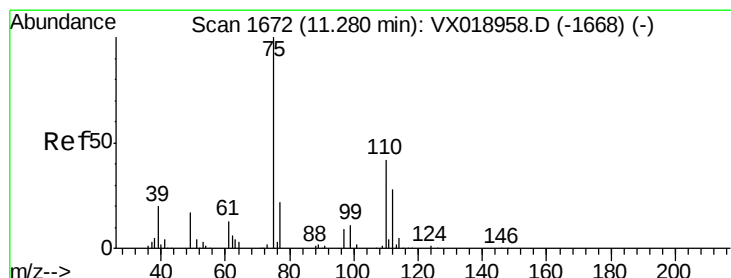
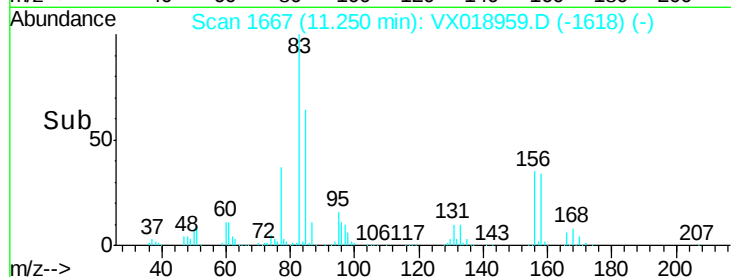
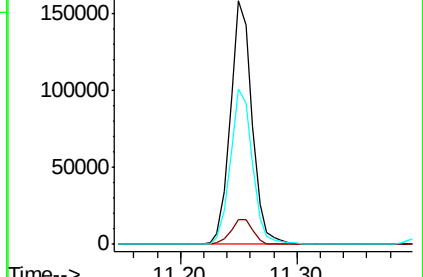
85 65.2 32.2 96.6



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: 122.768 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018959.D

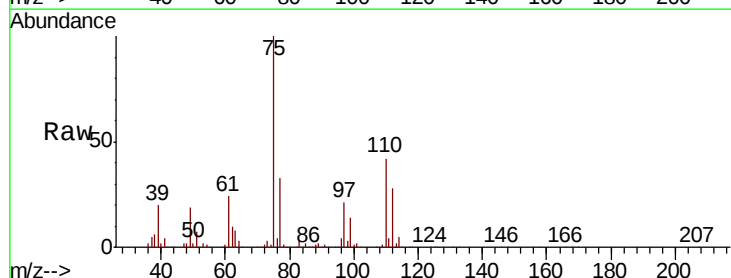
Acq: 19 Oct 2020 17:59

Tgt Ion: 75 Resp: 246209

Ion Ratio Lower Upper

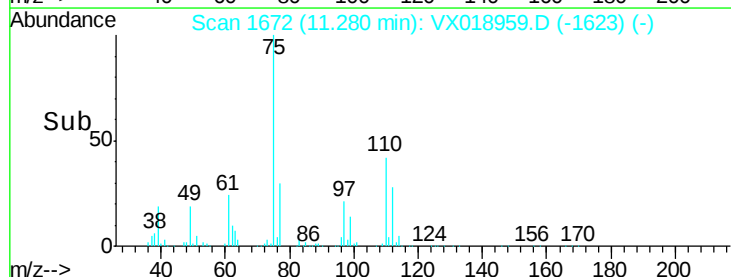
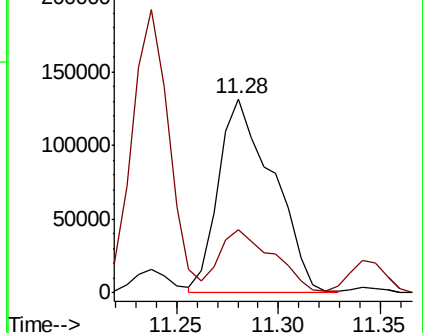
75 100

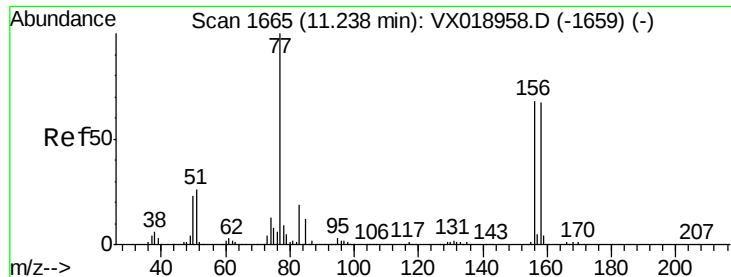
77 32.0 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 103.388 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

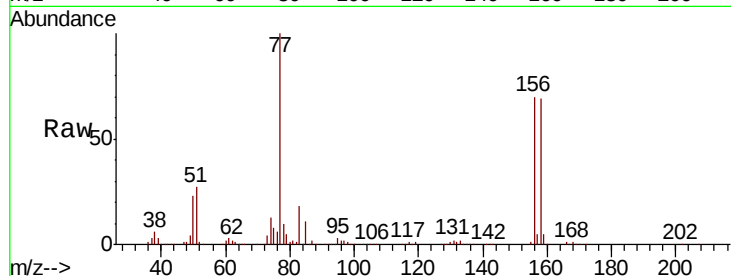
Tot Ion:156 Resp: 170441

Ion Ratio Lower Upper

156 100

77 142.3 77.4 232.2

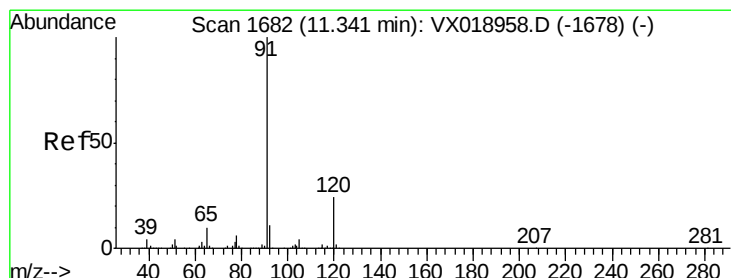
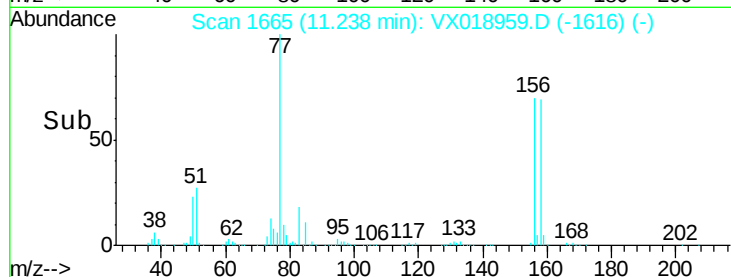
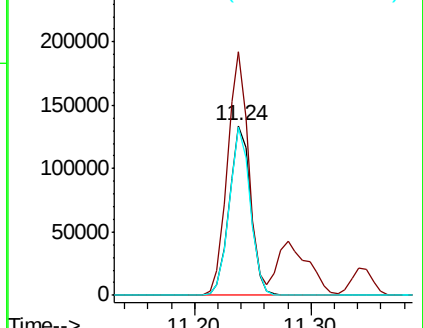
158 97.2 50.6 151.9



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: 106.912 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018959.D

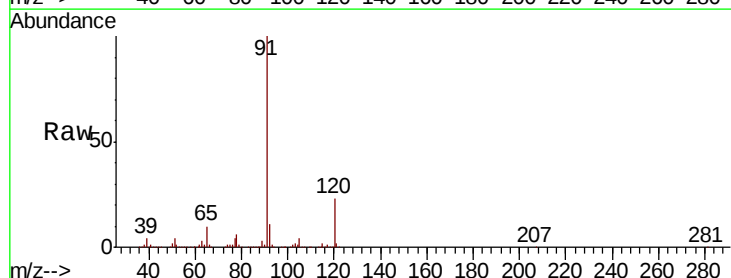
Acq: 19 Oct 2020 17:59

Tgt Ion: 91 Resp: 732008

Ion Ratio Lower Upper

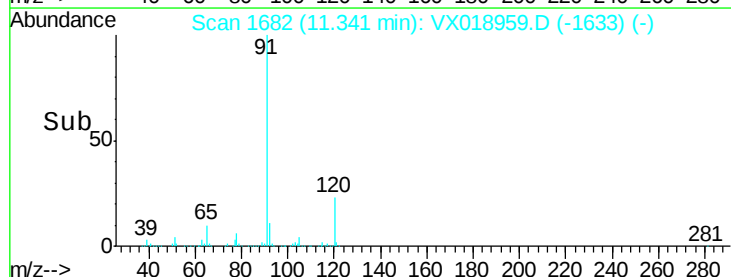
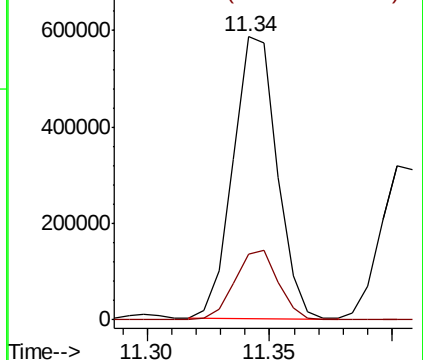
91 100

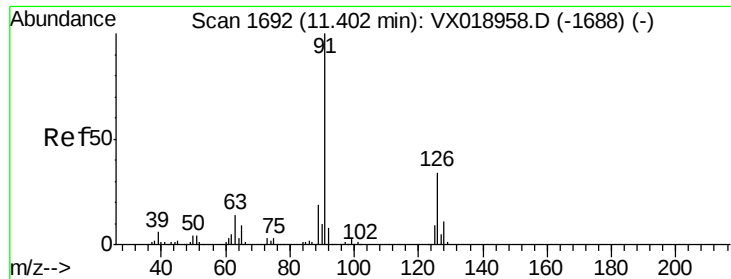
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

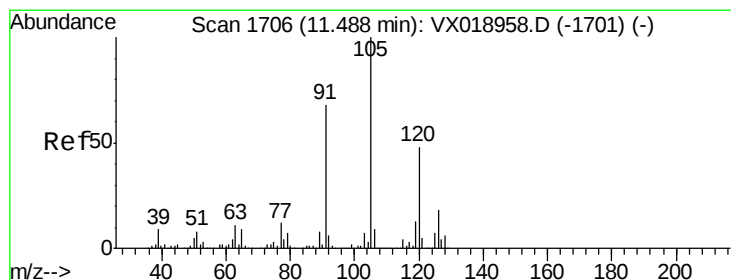
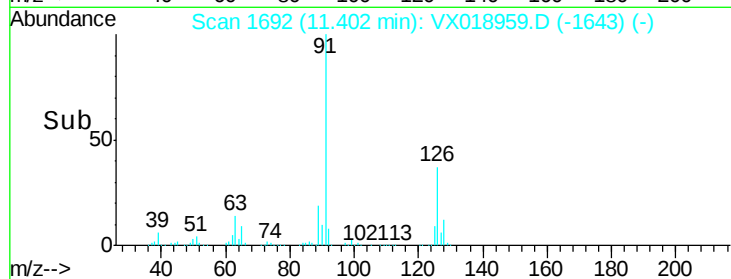
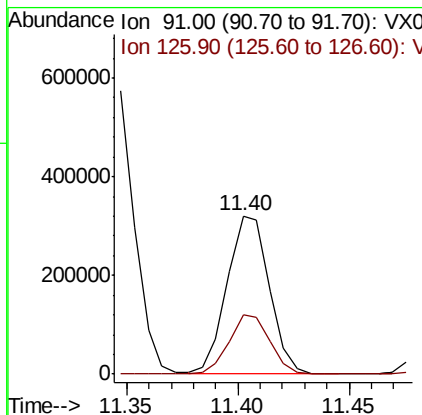
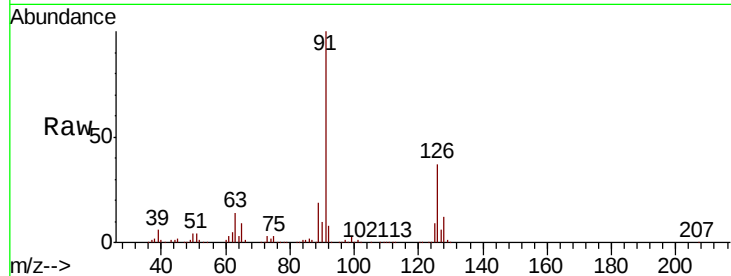




#79
 2-Chlorotoluene
 Concen: 100.359 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

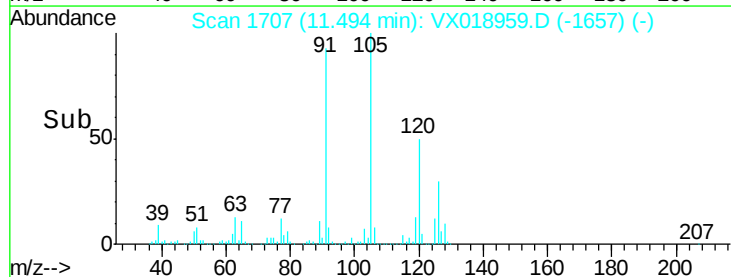
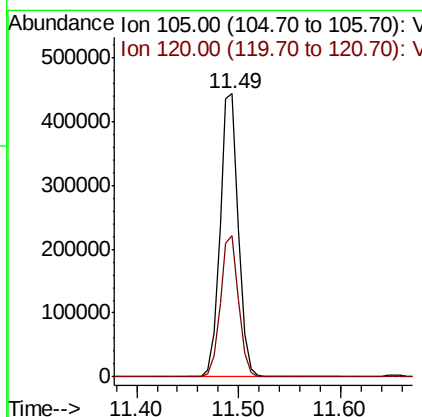
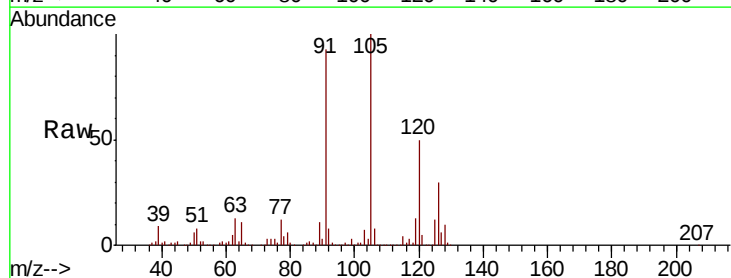
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

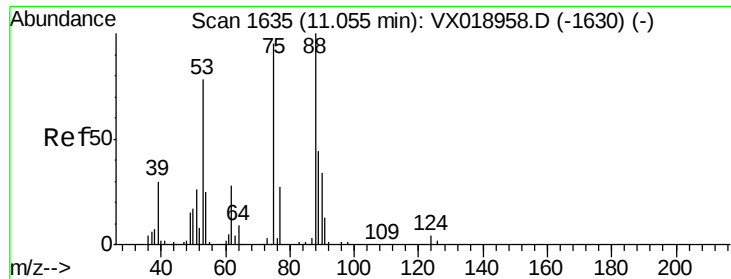
Tot Ion: 91 Resp: 421000
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 111.224 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 105 Resp: 552408
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.1 75.3

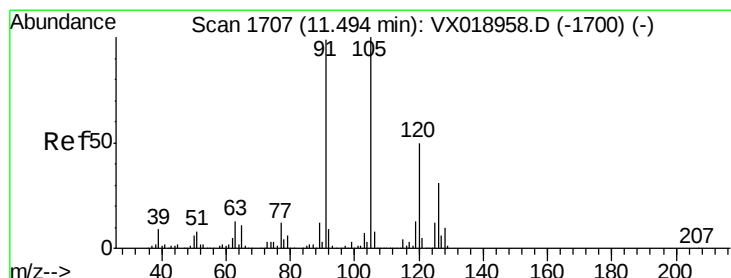
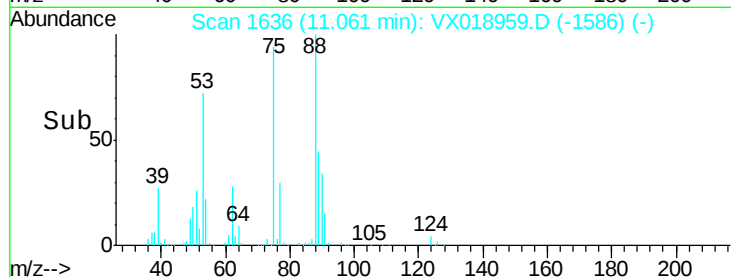
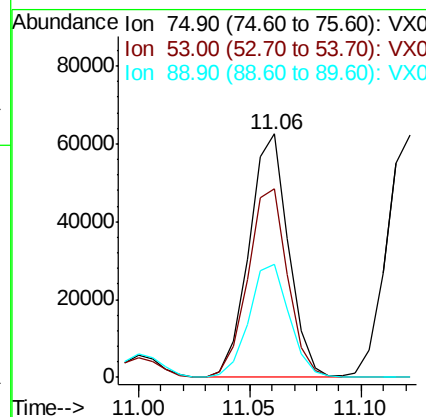
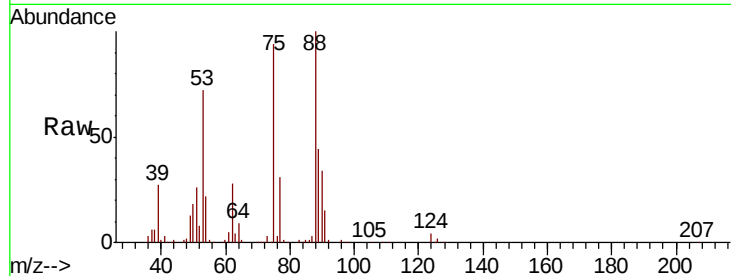




#81
trans-1,4-Dichloro-2-butene
Concen: 102.055 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

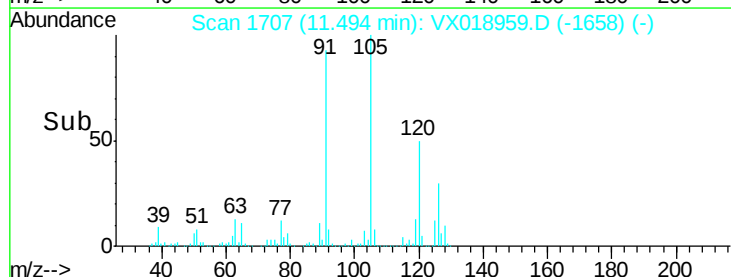
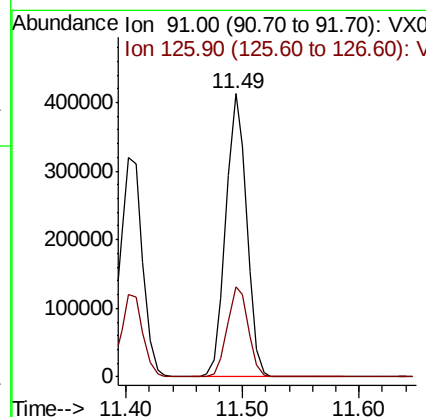
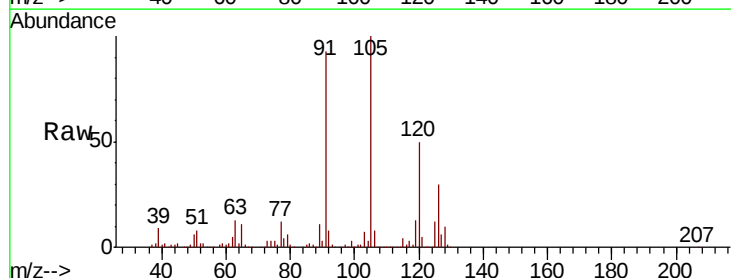
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

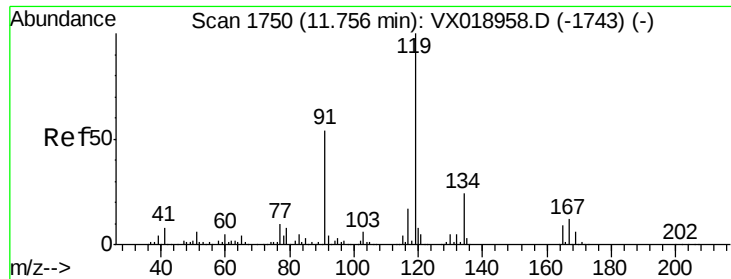
Tot Ion: 75 Resp: 76755
Ion Ratio Lower Upper
75 100
53 78.8 64.2 96.2
89 48.0 38.6 58.0



#82
4-Chlorotoluene
Concen: 101.949 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 91 Resp: 509264
Ion Ratio Lower Upper
91 100
126 32.1 15.8 47.4

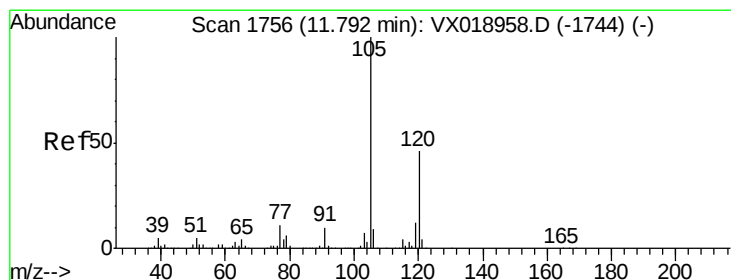
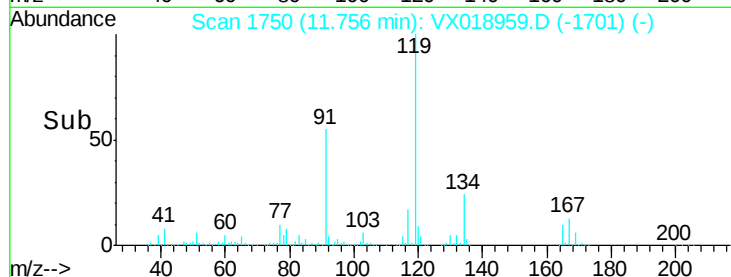
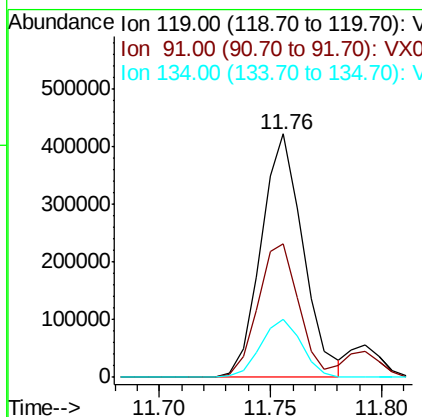
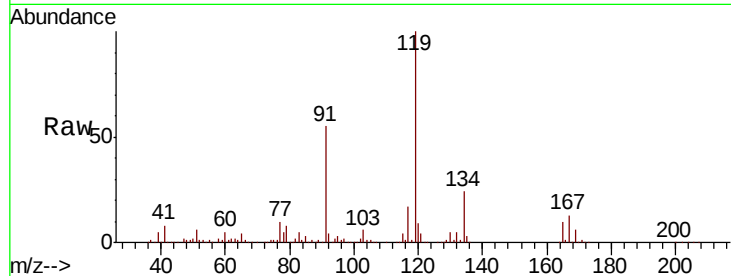




#83
 tert-Butylbenzene
 Concen: 112.230 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

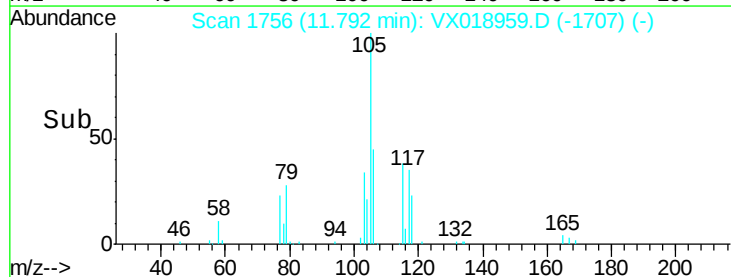
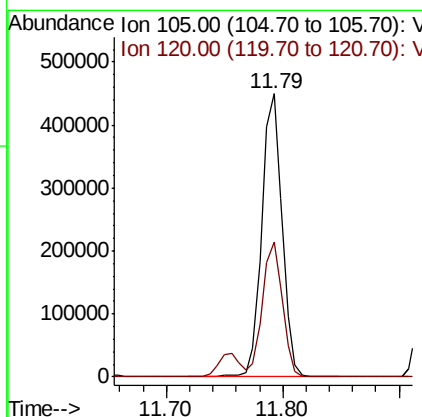
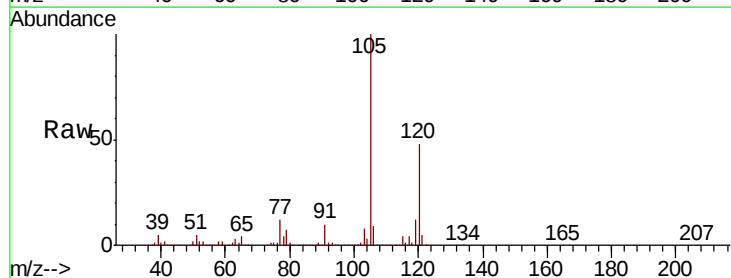
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

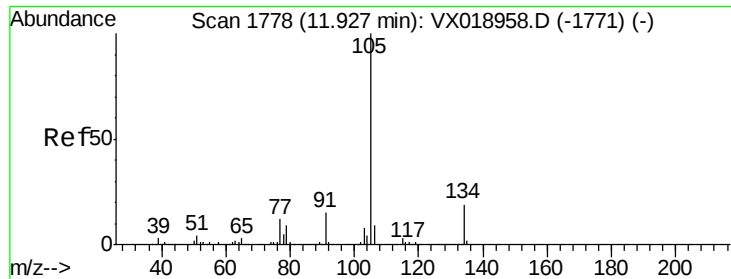
Tot Ion:119 Resp: 553477
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.2 81.6
 134 23.2 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 107.686 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion:105 Resp: 546354
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.9 68.5

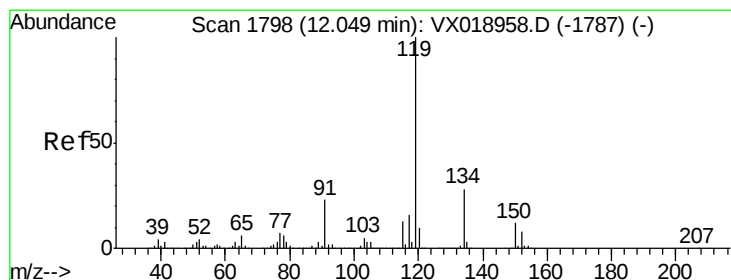
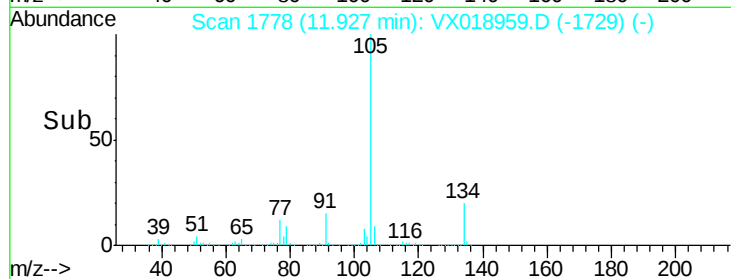
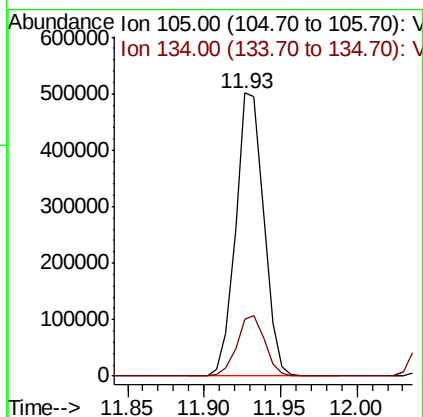
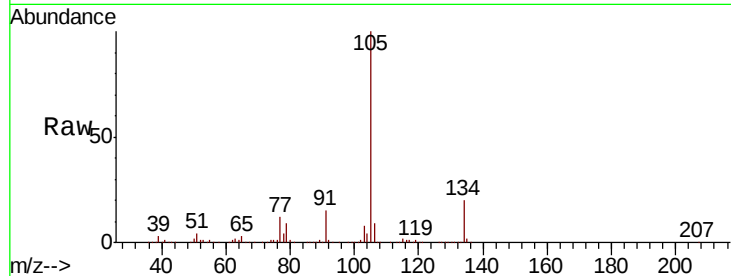




#85
 sec-Butylbenzene
 Concen: 113.034 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

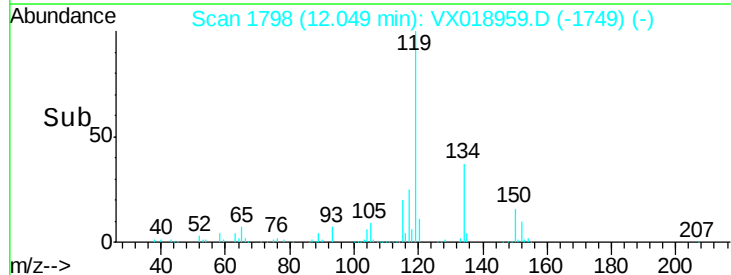
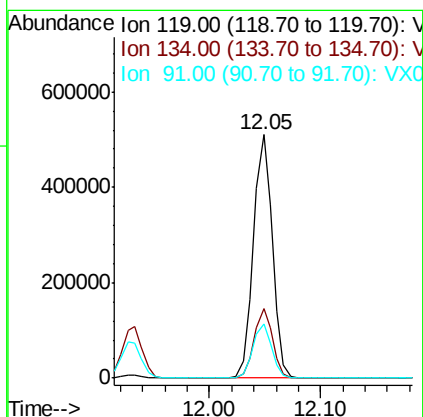
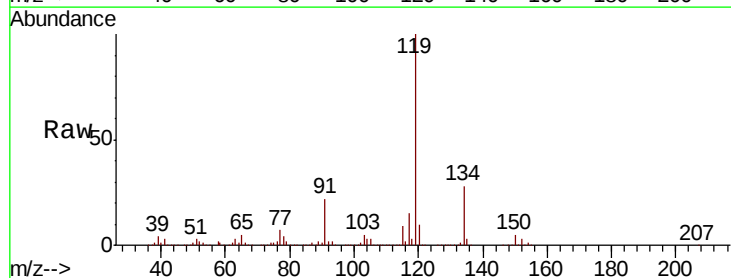
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

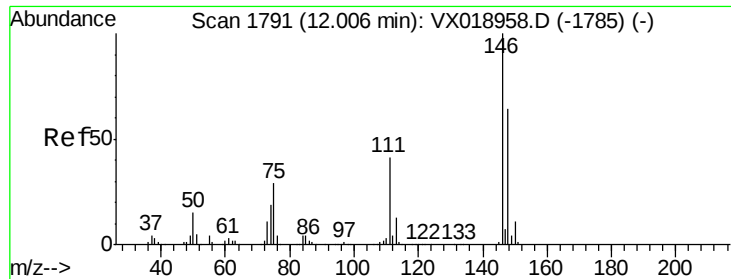
Tot Ion:105 Resp: 635649
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 117.766 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion:119 Resp: 605512
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.8 41.4
 91 22.0 11.5 34.5

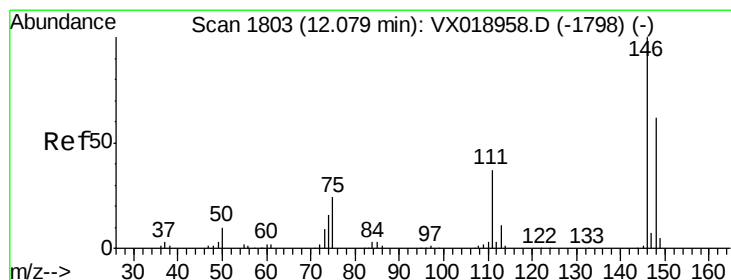
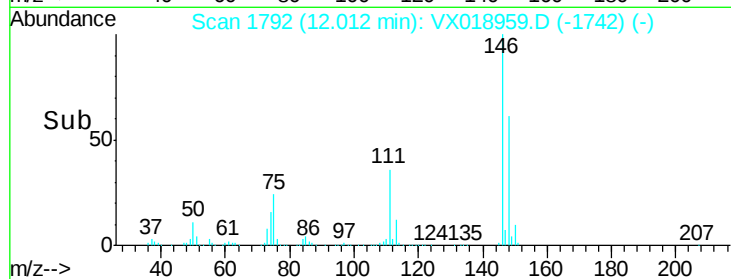
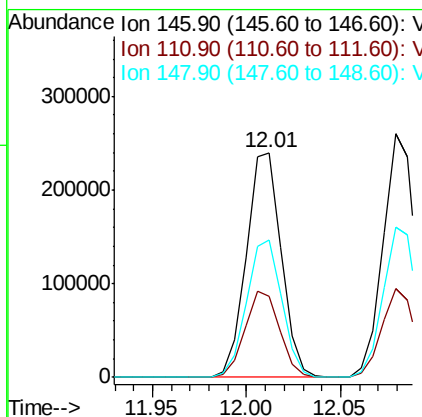
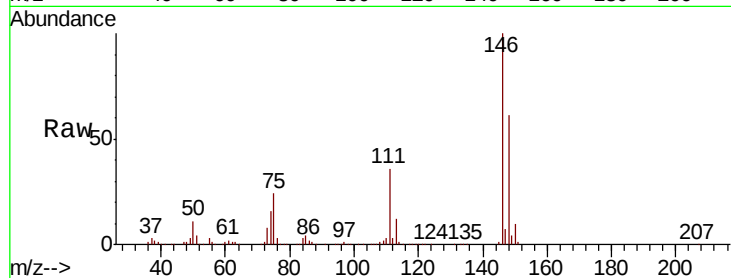




#87
 1,3-Dichlorobenzene
 Concen: 105.575 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

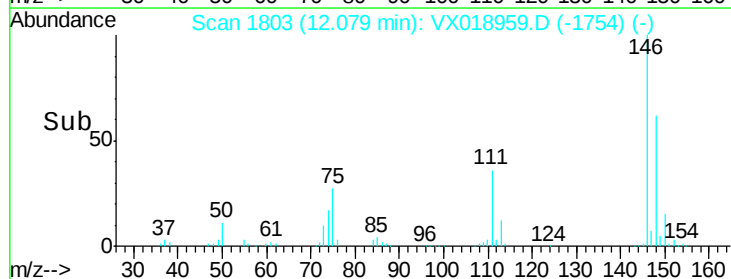
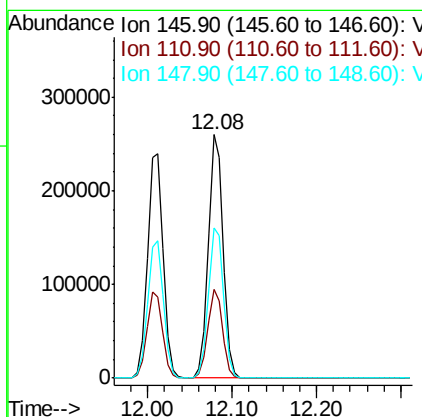
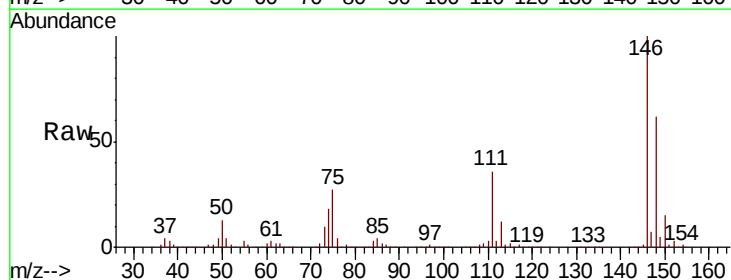
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

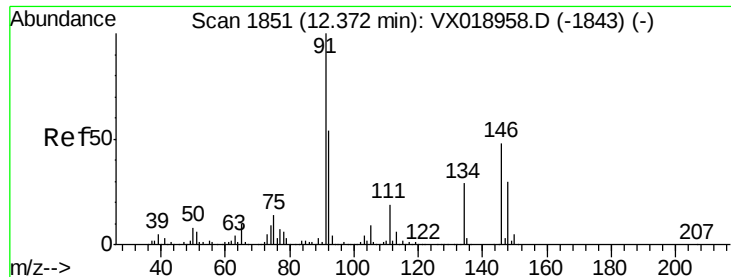
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.8	59.4
148	61.5	32.4	97.2



#88
 1,4-Dichlorobenzene
 Concen: 107.108 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.8	56.3
148	63.8	31.7	95.1

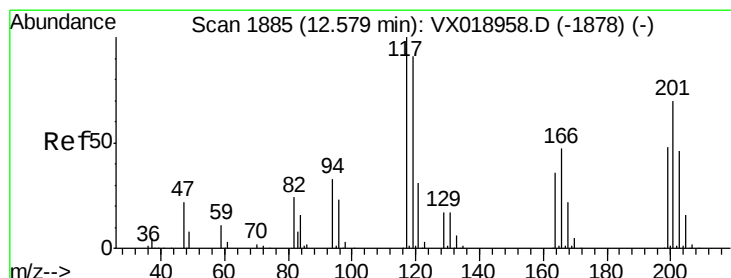
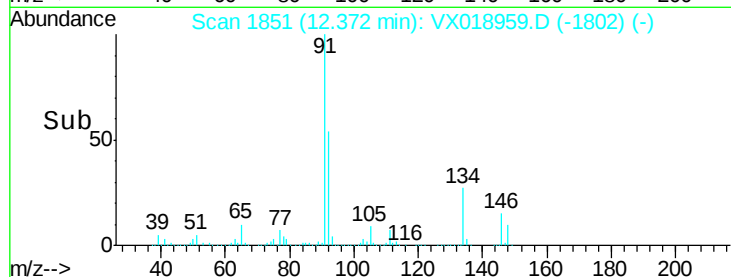
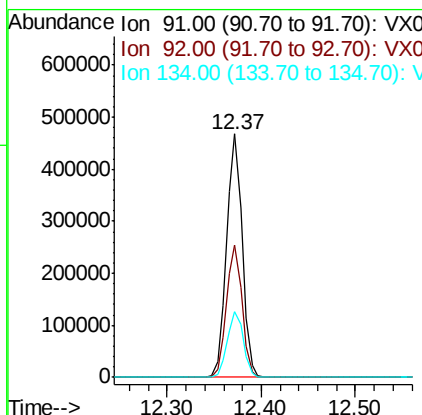
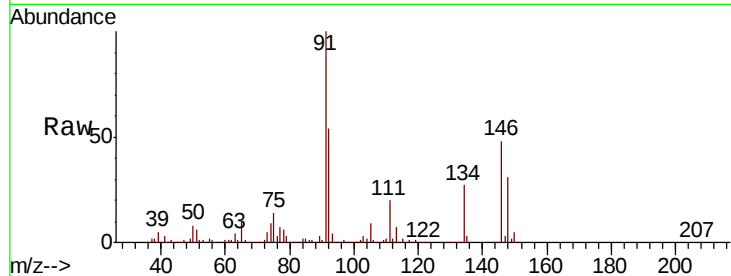




#89
n-Butylbenzene
Concen: 113.556 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

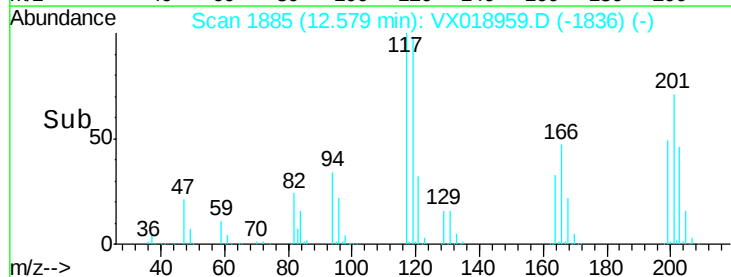
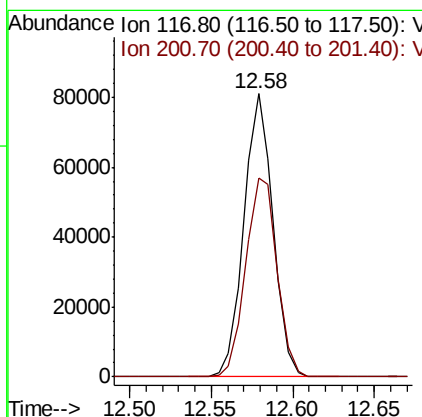
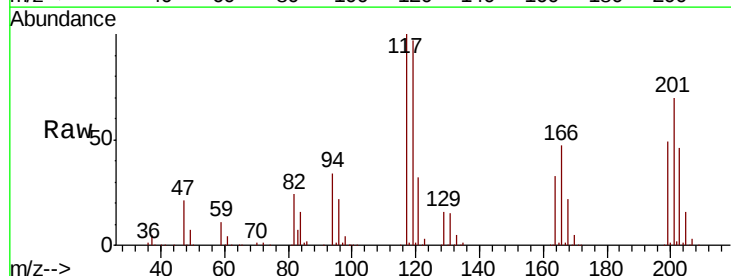
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

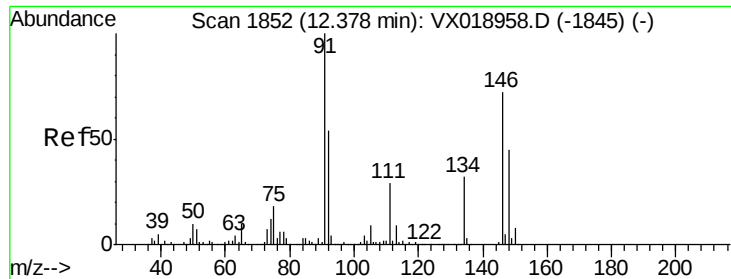
Tot Ion: 91 Resp: 535270
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 27.8 14.2 42.6



#90
Hexachloroethane
Concen: 102.110 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 117 Resp: 100678
Ion Ratio Lower Upper
117 100
201 75.8 36.9 110.7

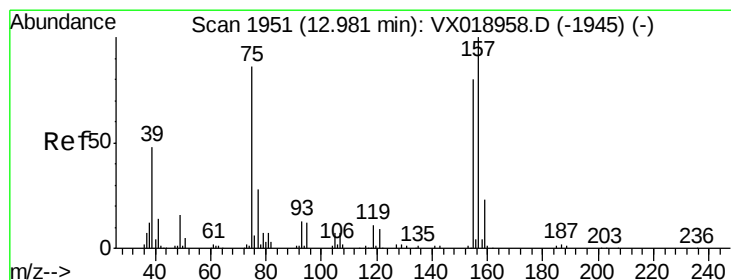
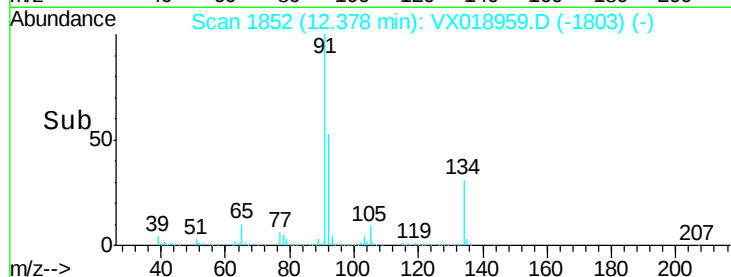
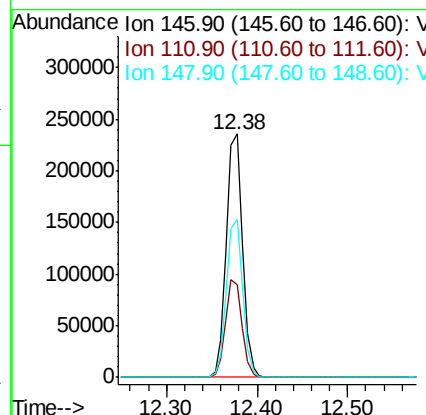
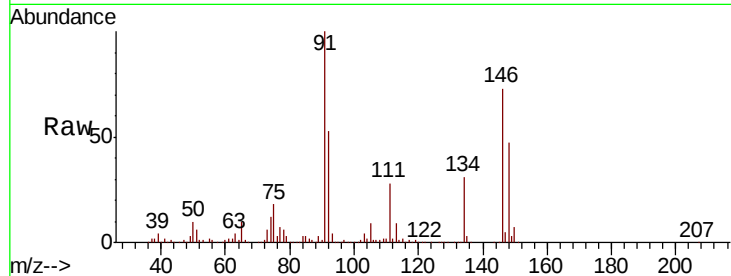




#91
 1,2-Dichlorobenzene
 Concen: 106.885 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

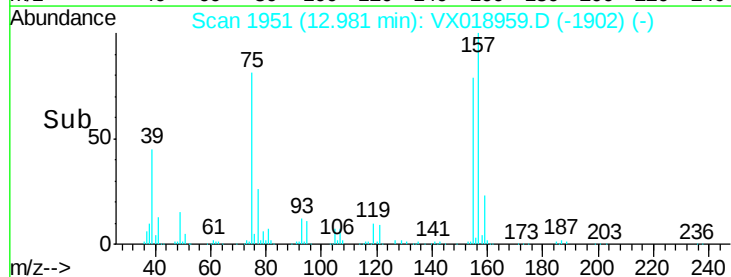
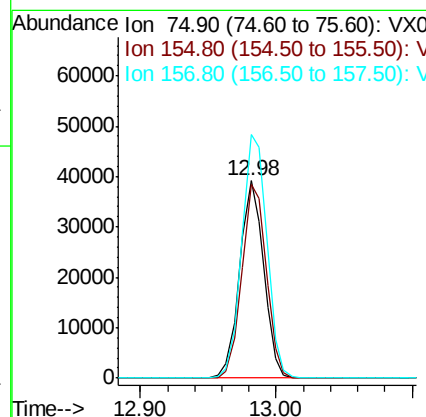
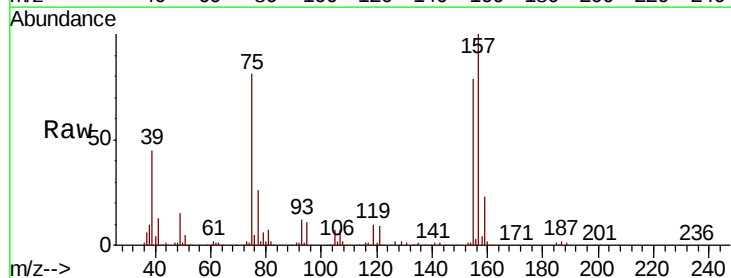
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

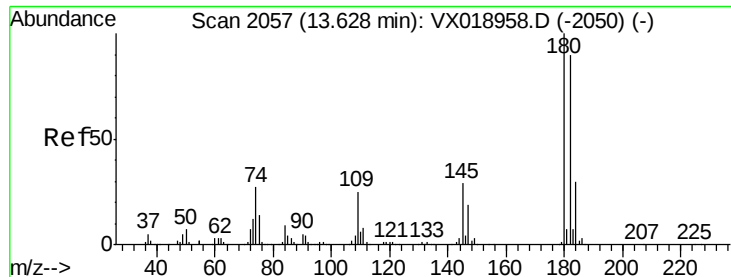
Tot Ion:146 Resp: 295392
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.2 60.6
 148 65.0 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.046 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 75 Resp: 48227
 Ion Ratio Lower Upper
 75 100
 155 99.3 48.2 144.6
 157 128.4 62.2 186.6

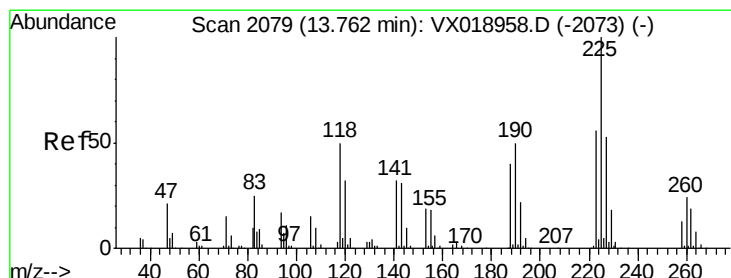
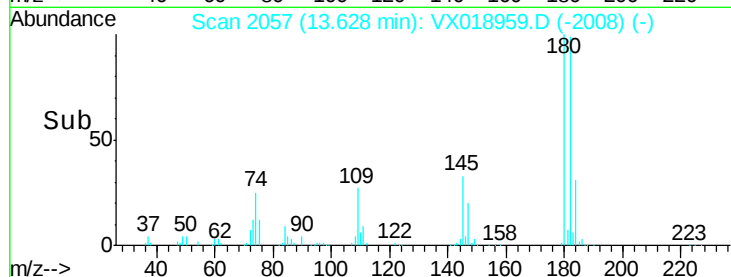
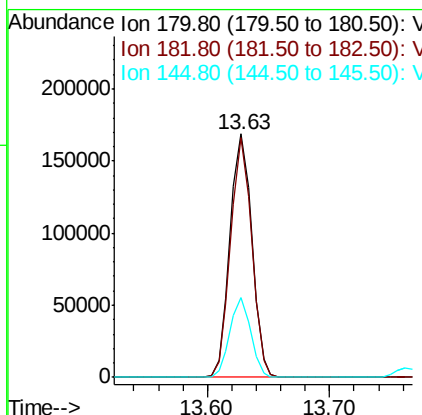
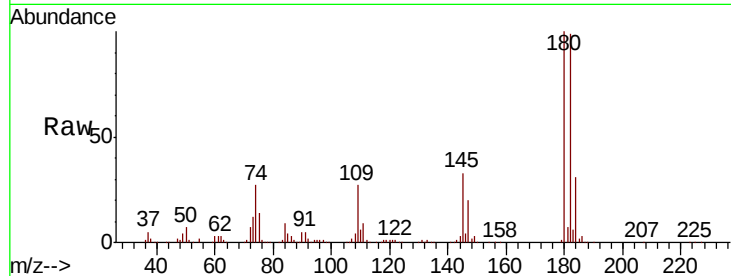




#93
 1,2,4-Trichlorobenzene
 Concen: 113.005 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

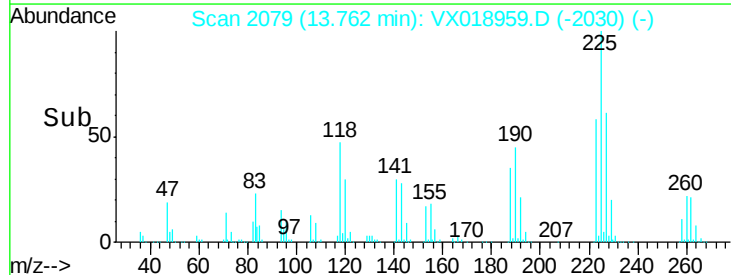
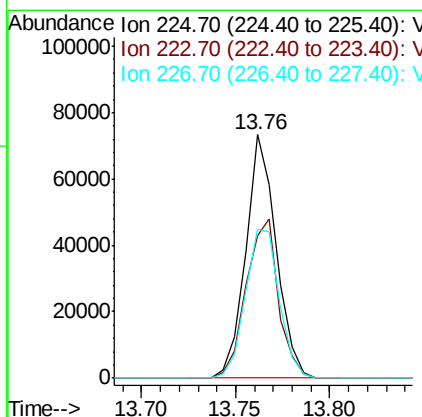
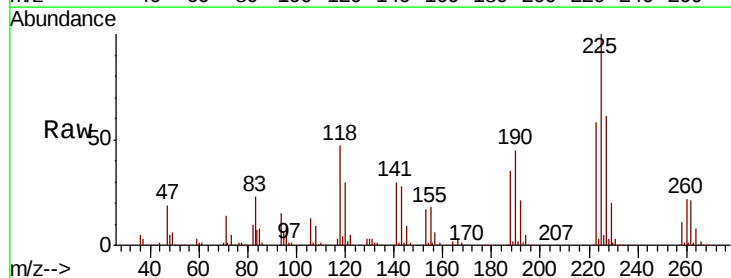
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

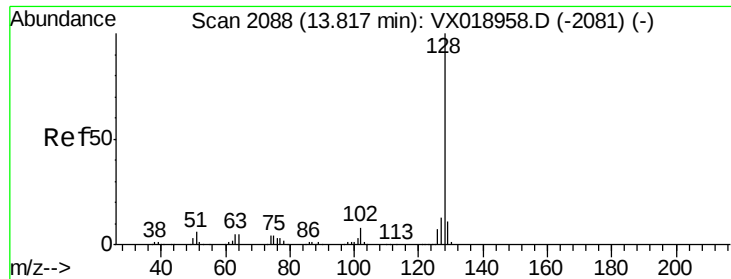
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.3	138.9
145	31.5	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 111.381 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.8	31.4	94.0
227	68.2	30.9	92.8

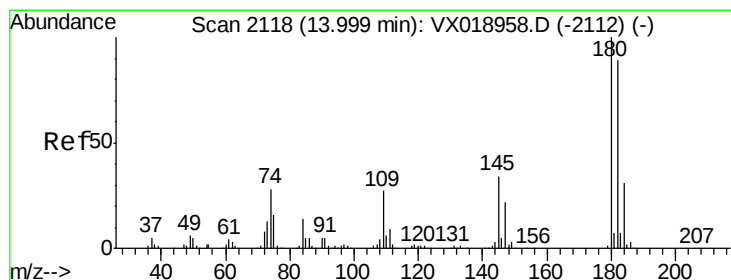
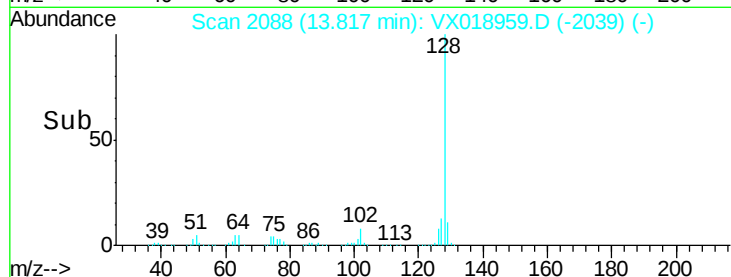
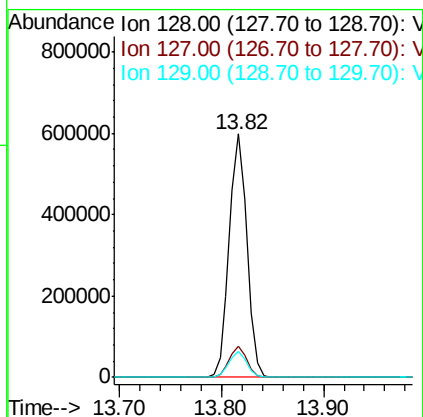
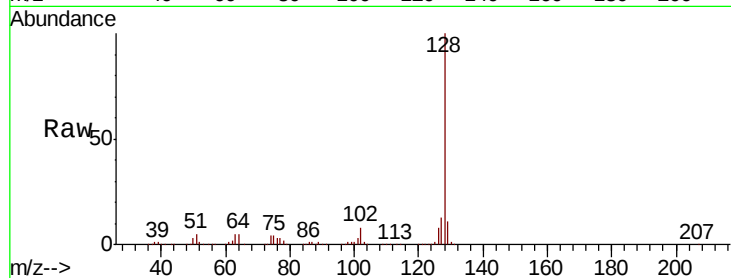




#95
Naphthalene
Concen: 117.125 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 715164
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 113.482 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion:180 Resp: 207085
Ion Ratio Lower Upper
180 100
182 92.5 46.6 139.7
145 31.8 17.0 51.0

