

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019041.D
 Acq On : 22 Oct 2020 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 23 08:35:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143289	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.47	113	124056	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.70	98	478556	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.12	95	173199	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	114926	48.653	ug/l	100
3) Chloromethane	1.31	50	110619	47.099	ug/l	99
4) Vinyl Chloride	1.39	62	138307	49.907	ug/l	99
5) Bromomethane	1.64	94	117418	46.198	ug/l	96
6) Chloroethane	1.71	64	95232	49.282	ug/l	97
7) Trichlorofluoromethane	1.92	101	231180	49.364	ug/l	99
8) Diethyl Ether	2.17	74	89448	48.778	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107057	48.253	ug/l	99
10) Methyl Iodide	2.49	142	96701	32.730	ug/l	100
11) Tert butyl alcohol	3.03	59	141597	246.118	ug/l	100
12) 1,1-Dichloroethene	2.36	96	112742	48.844	ug/l	97
13) Acrolein	2.28	56	51183	236.692	ug/l	94
14) Allyl chloride	2.71	41	143109	47.926	ug/l	100
15) Acrylonitrile	3.12	53	273271	245.631	ug/l	100
16) Acetone	2.42	43	230844	238.585	ug/l	98
17) Carbon Disulfide	2.55	76	308046	46.274	ug/l	100
18) Methyl Acetate	2.75	43	120991	50.393	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	368419	50.388	ug/l	100
20) Methylene Chloride	2.84	84	132722	49.272	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	130753	48.546	ug/l	96
22) Diisopropyl ether	3.82	45	295569	50.197	ug/l	97
23) Vinyl Acetate	3.78	43	1412471	252.628	ug/l	99
24) 1,1-Dichloroethane	3.67	63	215199	50.185	ug/l	99
25) 2-Butanone	4.64	43	377489	246.916	ug/l	100
26) 2,2-Dichloropropane	4.55	77	173232	43.754	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	152910	50.024	ug/l	98
28) Bromochloromethane	4.98	49	92679	50.899	ug/l	97
29) Tetrahydrofuran	5.09	42	217196	237.692	ug/l	99
30) Chloroform	5.18	83	238128	51.150	ug/l	95
31) Cyclohexane	5.55	56	158499	47.647	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	212279	50.275	ug/l	99
36) 1,1-Dichloropropene	5.77	75	173168	47.854	ug/l	99
37) Ethyl Acetate	4.79	43	152314	49.315	ug/l	98
38) Carbon Tetrachloride	5.76	117	182117	47.948	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	182778	45.084	ug/l	100
40) Benzene	6.11	78	532001	49.918	ug/l	99
41) Methacrylonitrile	5.00	41	81770	49.286	ug/l	98
42) 1,2-Dichloroethane	6.16	62	181268	49.839	ug/l	100
43) Isopropyl Acetate	6.41	43	256492	49.034	ug/l	99
44) Trichloroethene	7.19	130	148764	47.865	ug/l	91
45) 1,2-Dichloropropane	7.49	63	126337	49.420	ug/l	96
46) Dibromomethane	7.63	93	94973	48.778	ug/l	100
47) Bromodichloromethane	7.87	83	189316	49.590	ug/l	98
48) Methyl methacrylate	7.74	41	122261	47.436	ug/l	99
49) 1,4-Dioxane	7.73	88	57036	979.420	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	770137	249.857	ug/l	100
52) Toluene	8.76	92	347350	49.346	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	210140	48.744	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219713	48.262	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	142085	49.515	ug/l	98
56) Ethyl methacrylate	9.16	69	208741	50.562	ug/l	100
57) 1,3-Dichloropropane	9.35	76	229327	50.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	531054	244.871	ug/l	100
59) 2-Hexanone	9.48	43	577859	251.572	ug/l	100
60) Dibromochloromethane	9.57	129	152811	48.858	ug/l	96
61) 1,2-Dibromoethane	9.65	107	150916	49.154	ug/l	98
64) Tetrachloroethene	9.32	164	132221	45.912	ug/l	96
65) Chlorobenzene	10.12	112	379322	47.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	140633	49.854	ug/l	99
67) Ethyl Benzene	10.24	91	667537	48.809	ug/l	99
68) m/p-Xylenes	10.34	106	515198	98.339	ug/l	100
69) o-Xylene	10.68	106	247108	49.283	ug/l	99
70) Styrene	10.70	104	422182	49.593	ug/l	100
71) Bromoform	10.84	173	112523	49.413	ug/l #	100
73) Isopropylbenzene	11.00	105	655268	47.330	ug/l	99
74) N-amyl acetate	10.88	43	219578	49.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	209219	50.163	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	240359	62.486	ug/l	85
77) Bromobenzene	11.24	156	164474	47.040	ug/l	99
78) n-propylbenzene	11.34	91	741326	47.255	ug/l	100
79) 2-Chlorotoluene	11.40	91	437912	47.849	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548343	47.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	67349	44.608	ug/l	97
82) 4-Chlorotoluene	11.49	91	521534	47.892	ug/l	99
83) tert-Butylbenzene	11.76	119	538892	47.848	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	551381	48.163	ug/l	99
85) sec-Butylbenzene	11.93	105	644456	47.286	ug/l	100
86) p-Isopropyltoluene	12.05	119	587454	47.174	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	306567	47.797	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	310739	47.209	ug/l	99
89) n-Butylbenzene	12.37	91	527508	46.278	ug/l	100
90) Hexachloroethane	12.58	117	94887	49.772	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	291305	48.712	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44923	47.302	ug/l	98

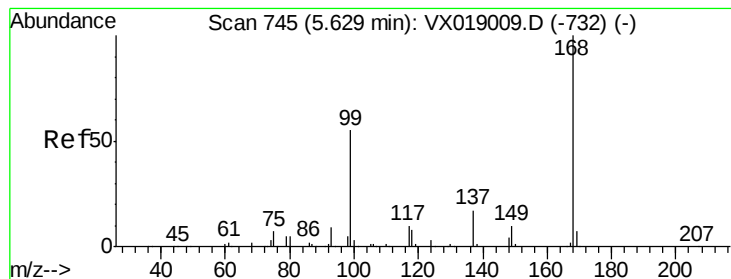
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	200344	45.792	ug/l	100
94) Hexachlorobutadiene	13.77	225	82641	40.743	ug/l	96
95) Naphthalene	13.82	128	672688	48.867	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	190405	44.710	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

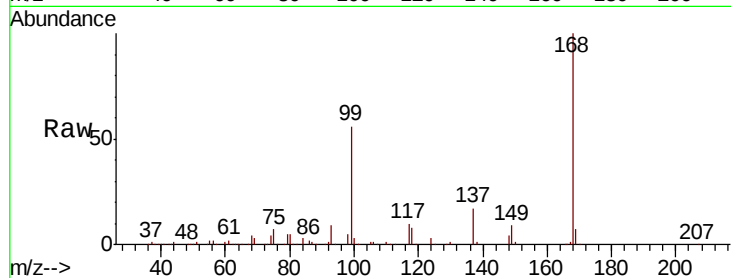
VSTDCCC050EC

Tot Ion:168 Resp: 237147

Ion Ratio Lower Upper

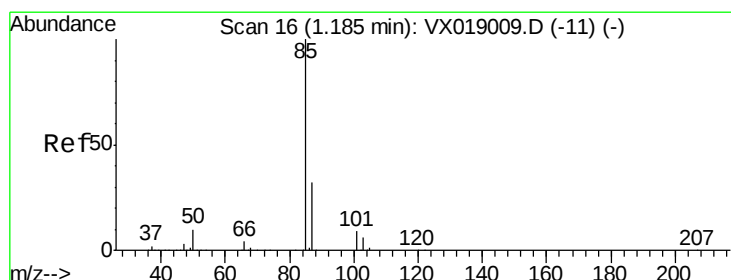
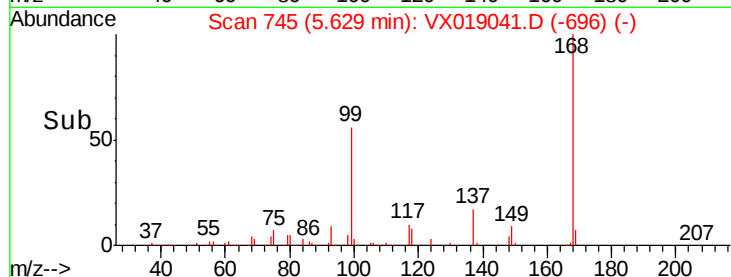
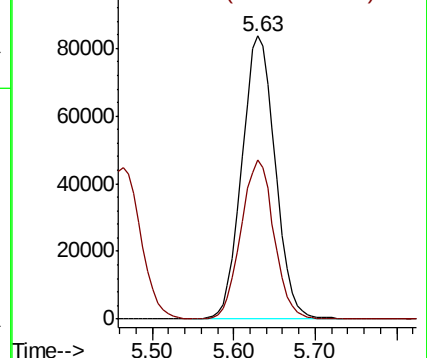
168 100

99 56.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.653 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019041.D

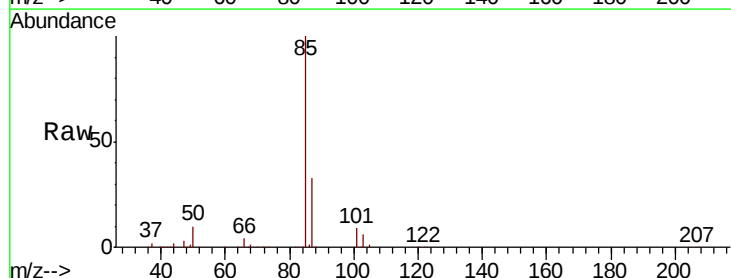
Acq: 22 Oct 2020 20:29

Tgt Ion: 85 Resp: 114926

Ion Ratio Lower Upper

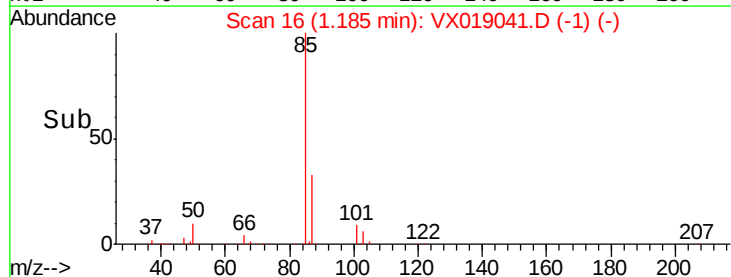
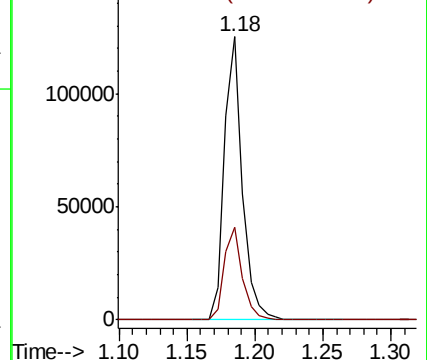
85 100

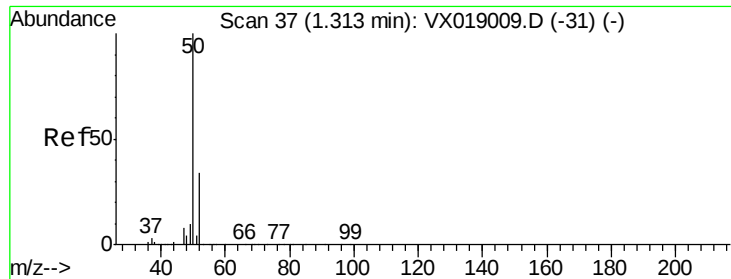
87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.099 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

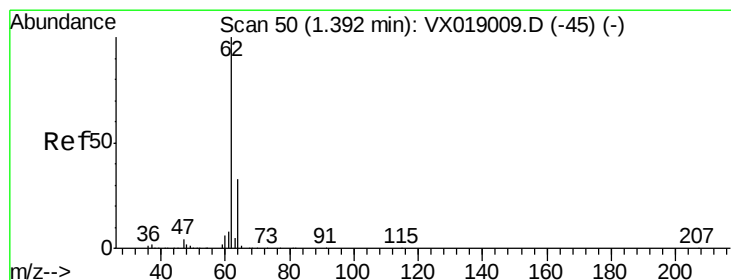
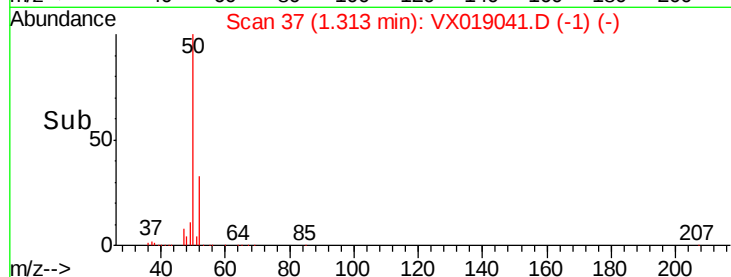
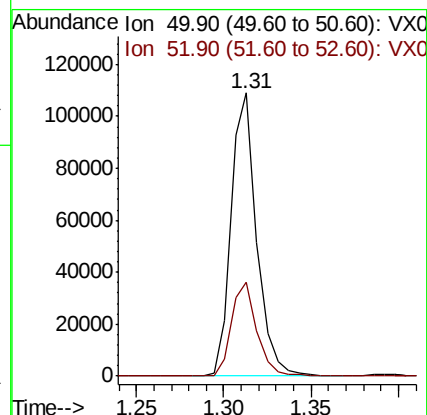
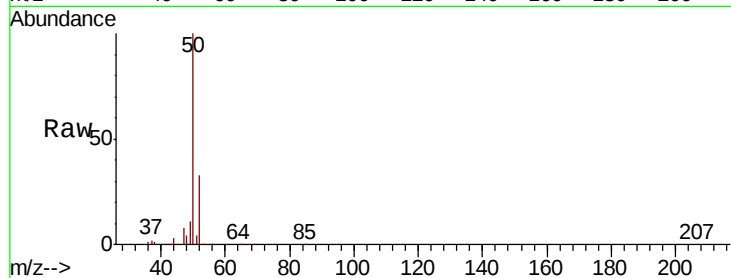
VSTDCCC050EC

Tot Ion: 50 Resp: 110619

Ion Ratio Lower Upper

50 100

52 33.0 27.0 40.6



#4

Vinyl Chloride

Concen: 49.907 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019041.D

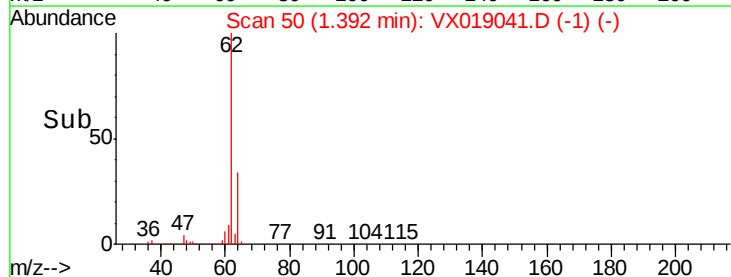
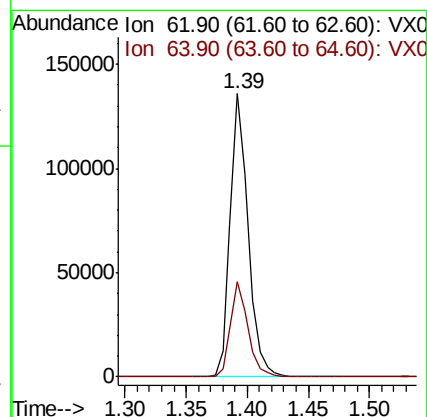
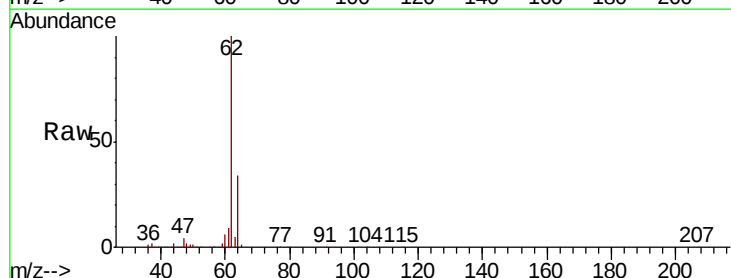
Acq: 22 Oct 2020 20:29

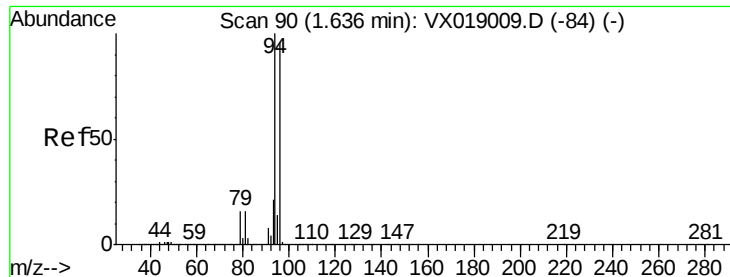
Tgt Ion: 62 Resp: 138307

Ion Ratio Lower Upper

62 100

64 33.5 26.5 39.7





#5

Bromomethane

Concen: 46.198 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

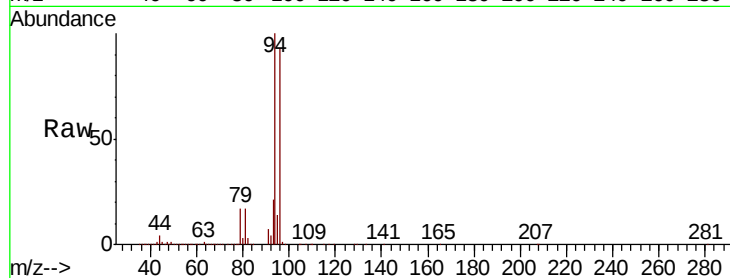
VSTDCCC050EC

Tot Ion: 94 Resp: 117418

Ion Ratio Lower Upper

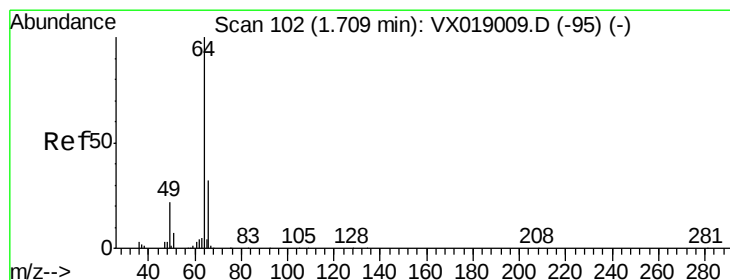
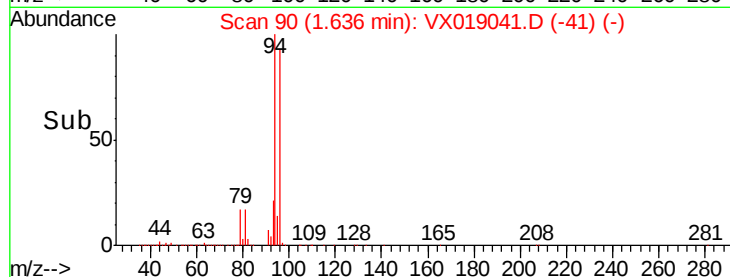
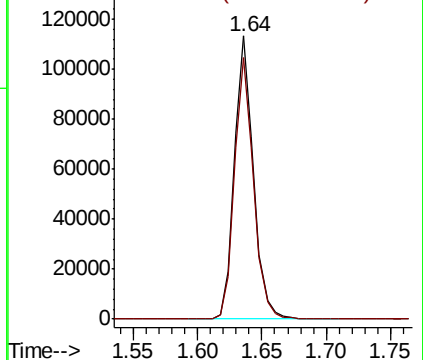
94 100

96 92.5 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.282 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019041.D

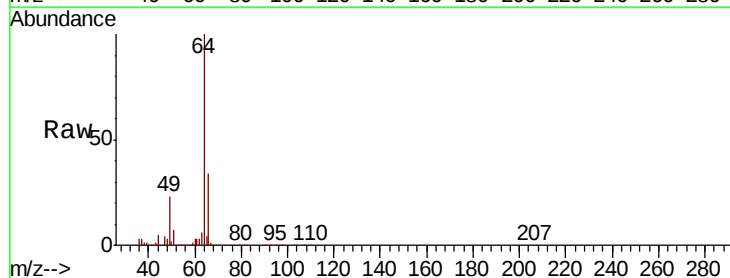
Acq: 22 Oct 2020 20:29

Tgt Ion: 64 Resp: 95232

Ion Ratio Lower Upper

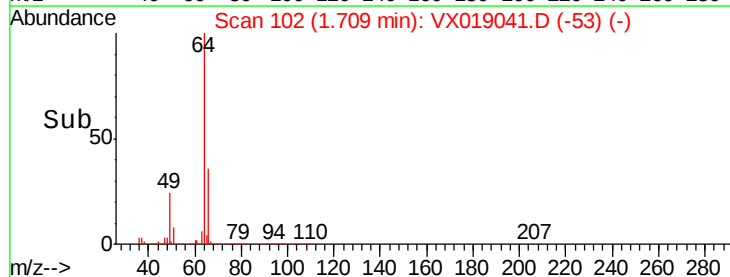
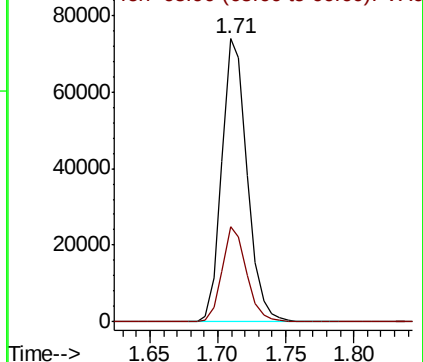
64 100

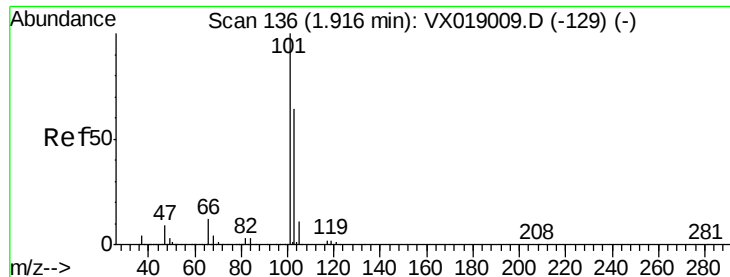
66 33.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



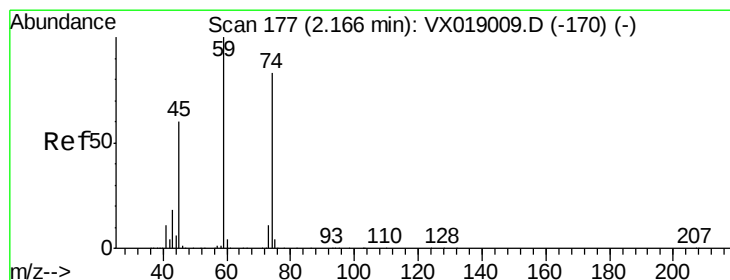
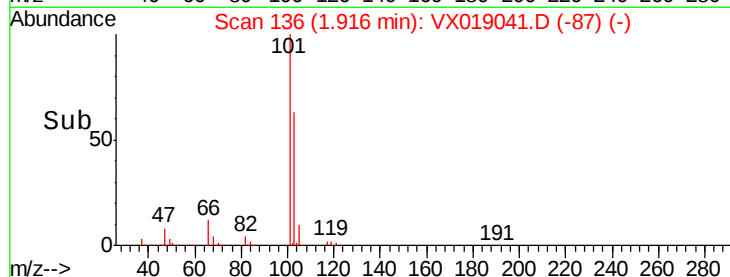
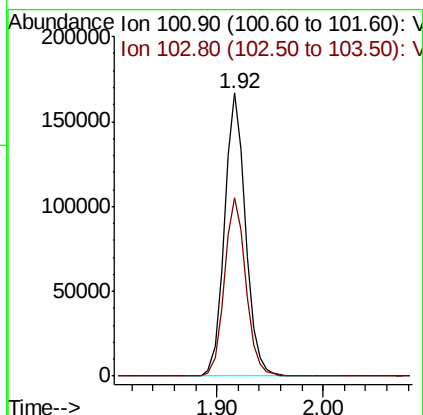
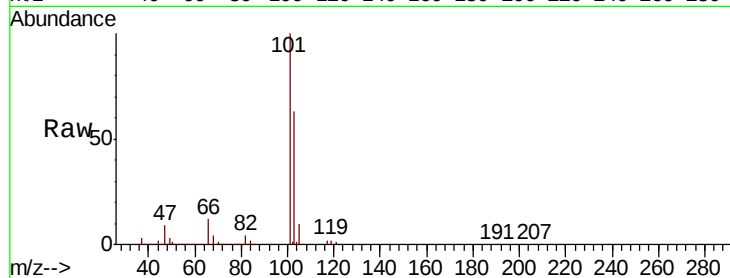


#7

Trichlorofluoromethane
Concen: 49.364 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

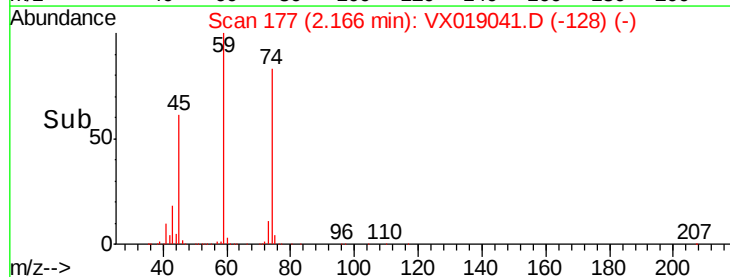
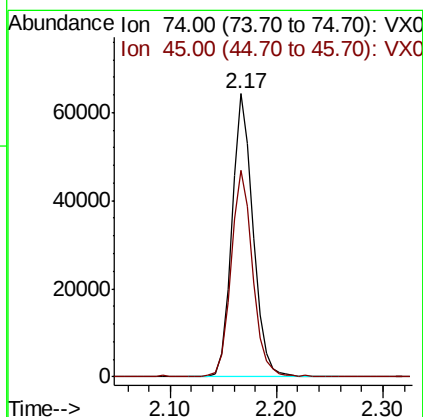
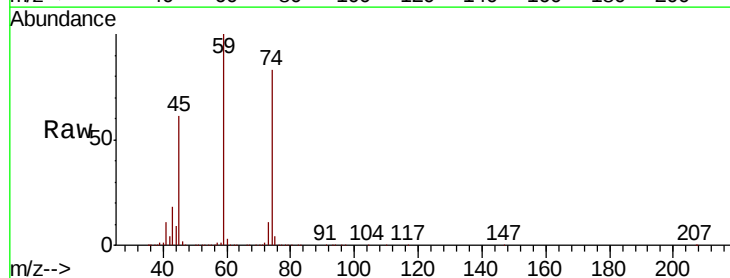
Tot Ion:101 Resp: 231180
Ion Ratio Lower Upper
101 100
103 63.1 51.2 76.8

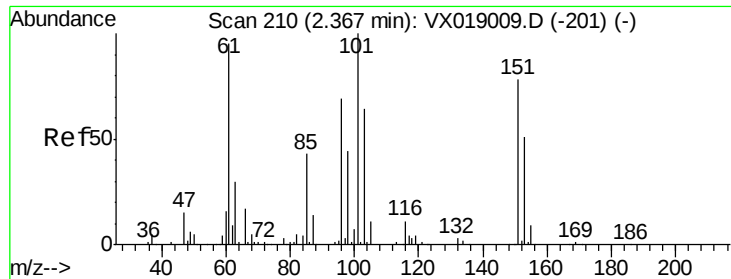


#8

Diethyl Ether
Concen: 48.778 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 74 Resp: 89448
Ion Ratio Lower Upper
74 100
45 74.0 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.253 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

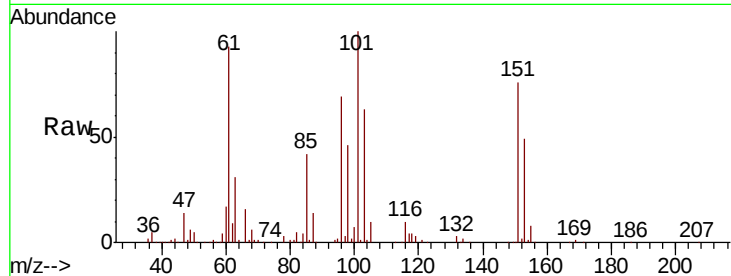
Tot Ion:101 Resp: 107057

Ion Ratio Lower Upper

101 100

85 43.8 35.2 52.8

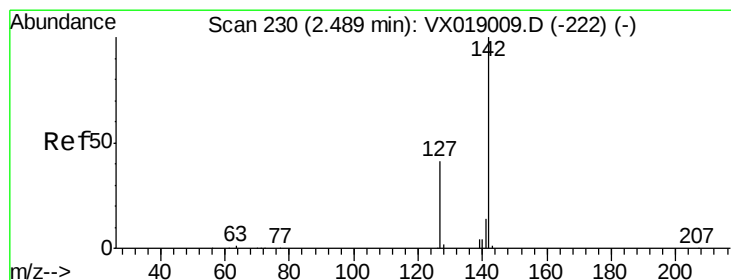
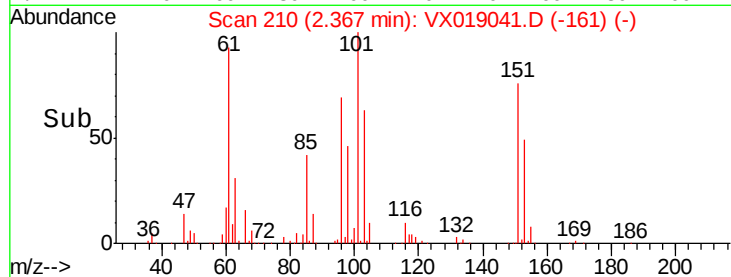
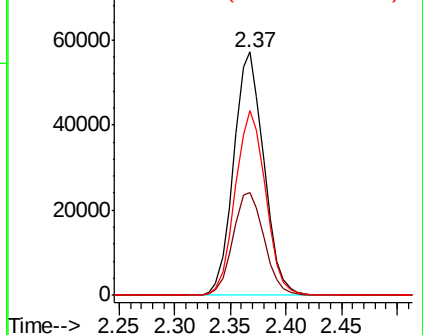
151 76.6 62.4 93.6



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: 32.730 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

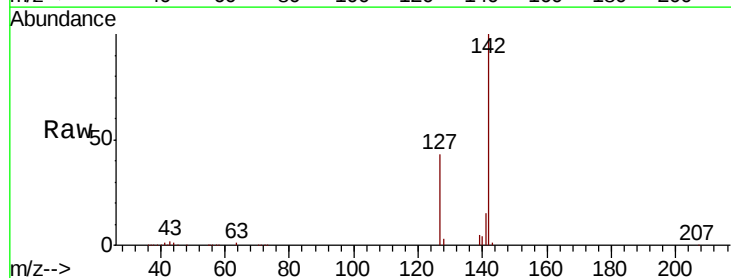
Tgt Ion:142 Resp: 96701

Ion Ratio Lower Upper

142 100

127 41.9 33.6 50.4

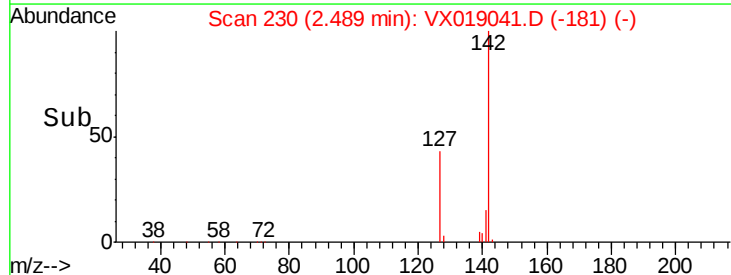
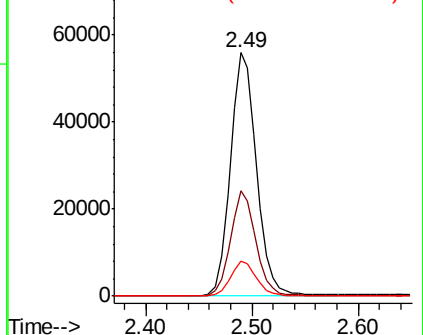
141 14.0 11.2 16.8

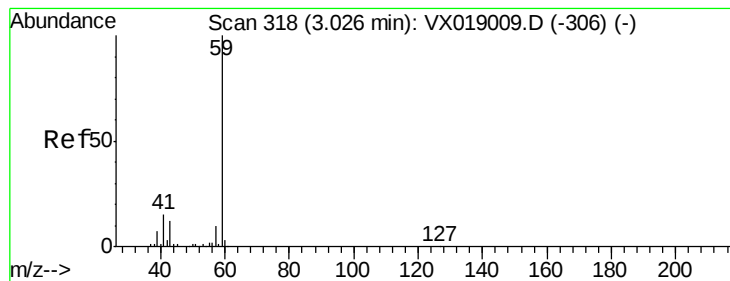


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



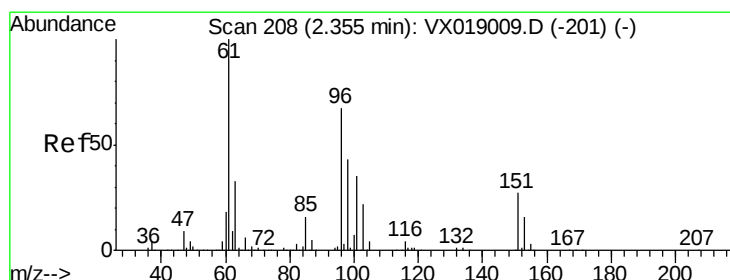
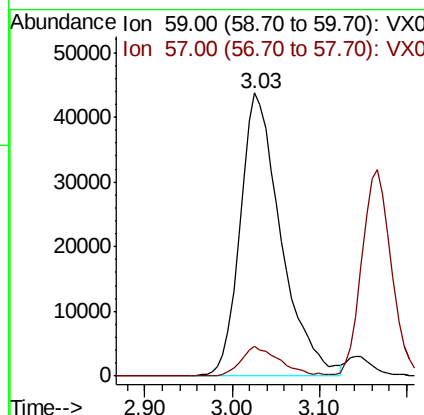
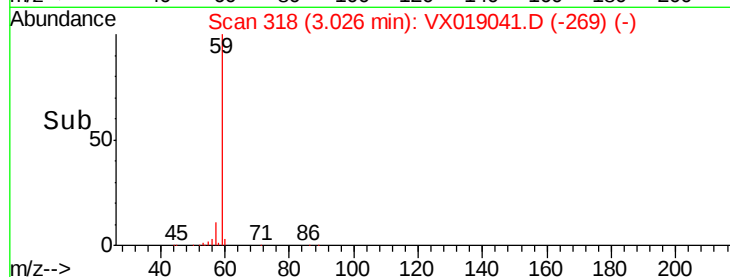
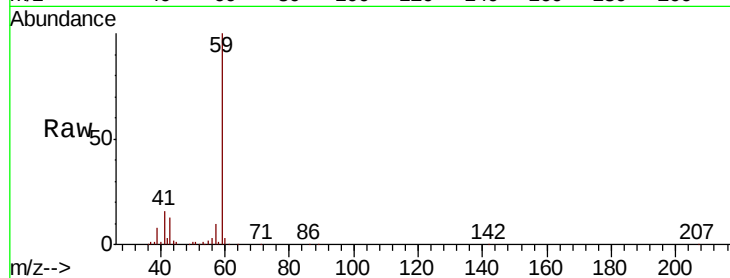


#11

Tert butyl alcohol
 Concen: 246.118 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

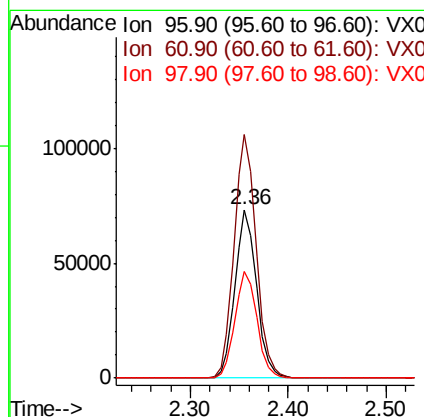
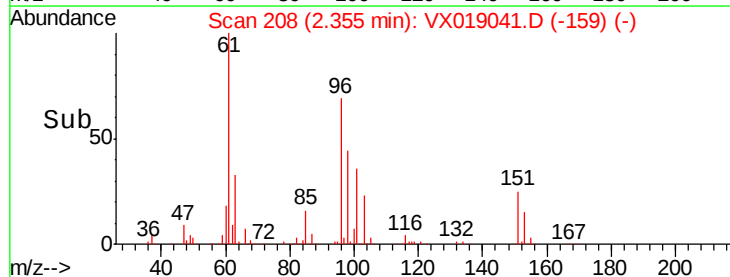
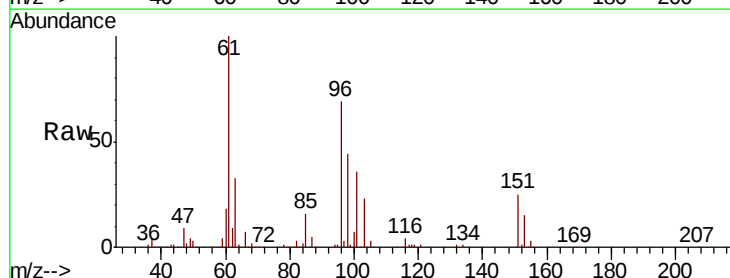
Tot Ion: 59 Resp: 141597
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

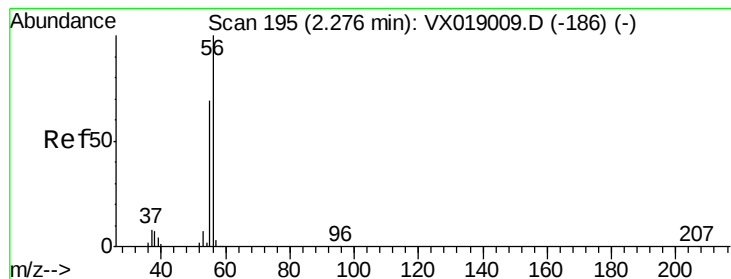


#12

1,1-Dichloroethene
 Concen: 48.844 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion: 96 Resp: 112742
 Ion Ratio Lower Upper
 96 100
 61 144.3 119.0 178.6
 98 63.1 51.0 76.4





#13

Acrolein

Concen: 236.692 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

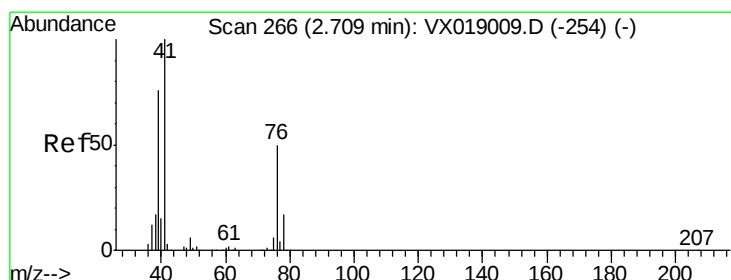
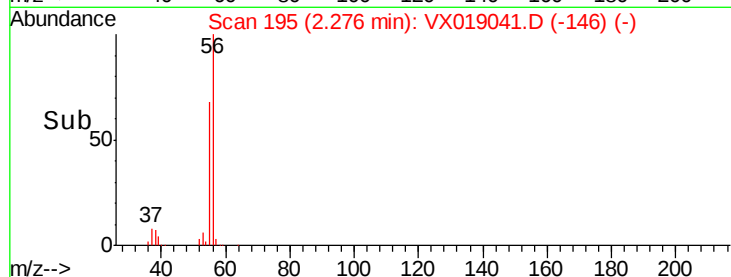
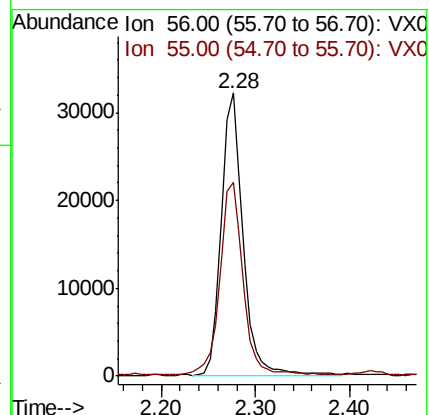
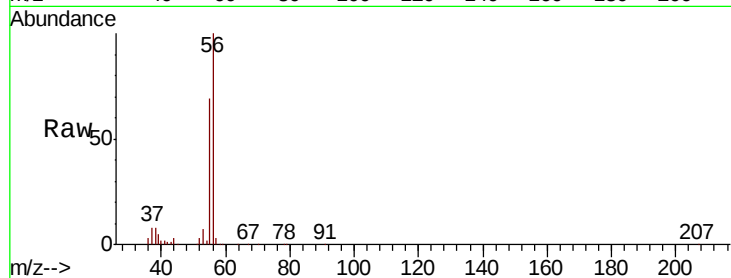
VSTDCCC050EC

Tot Ion: 56 Resp: 51183

Ion Ratio Lower Upper

56 100

55 72.6 54.2 81.4



#14

Allyl chloride

Concen: 47.926 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

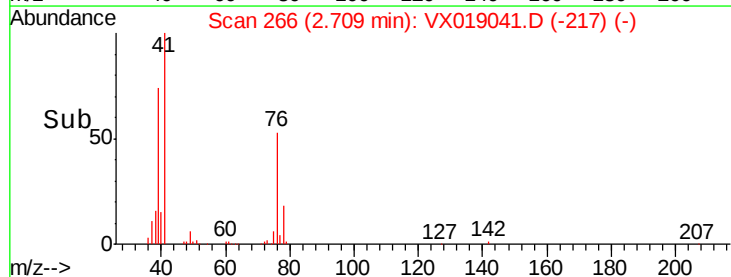
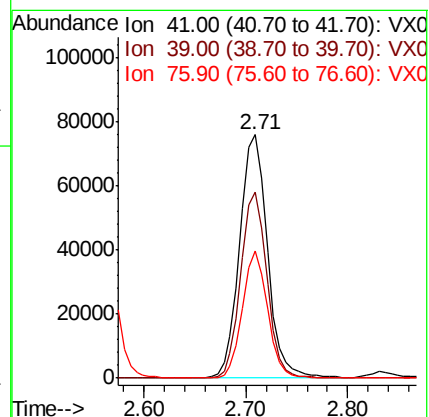
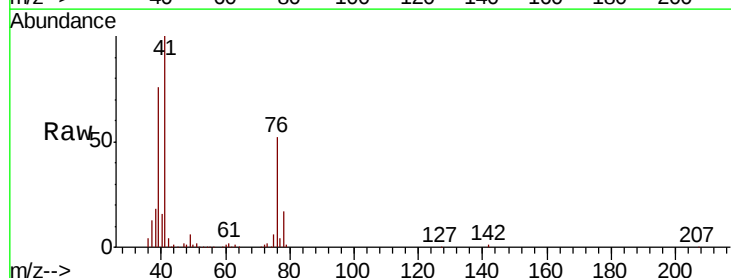
Tgt Ion: 41 Resp: 143109

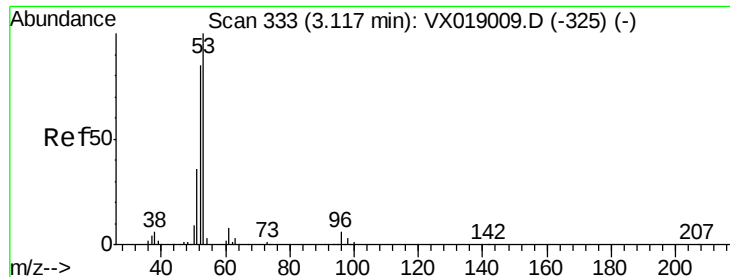
Ion Ratio Lower Upper

41 100

39 71.9 57.4 86.0

76 47.6 37.7 56.5





#15

Acrylonitrile

Concen: 245.631 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

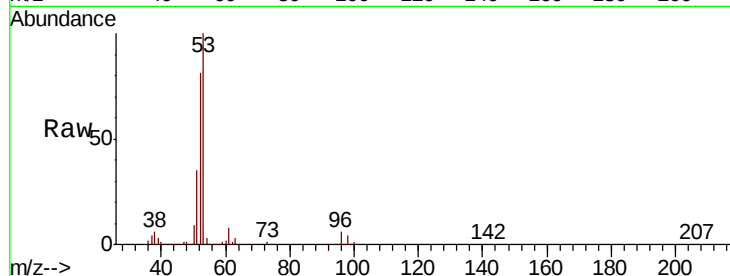
Tot Ion: 53 Resp: 273271

Ion Ratio Lower Upper

53 100

52 82.6 65.9 98.9

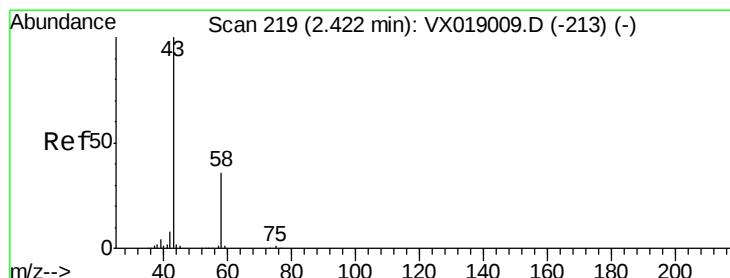
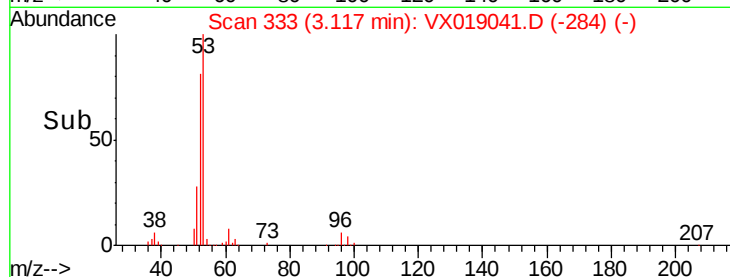
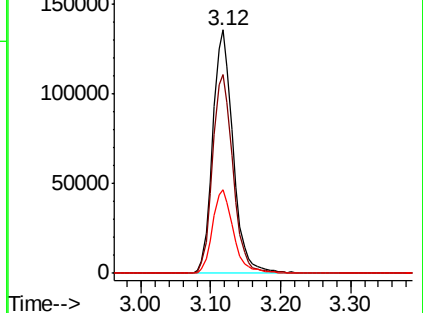
51 35.0 28.3 42.5



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: 238.585 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019041.D

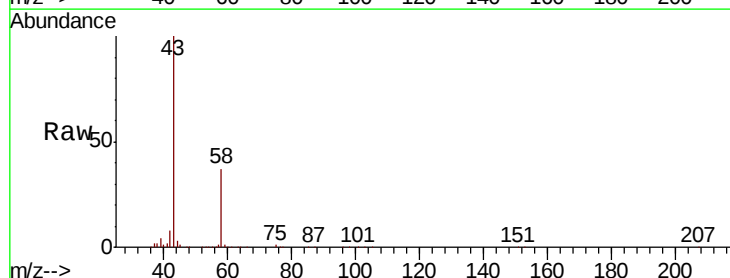
Acq: 22 Oct 2020 20:29

Tgt Ion: 43 Resp: 230844

Ion Ratio Lower Upper

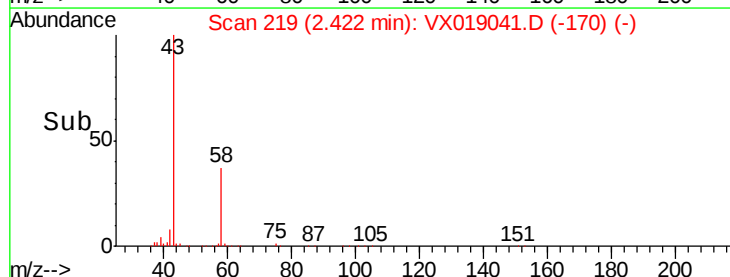
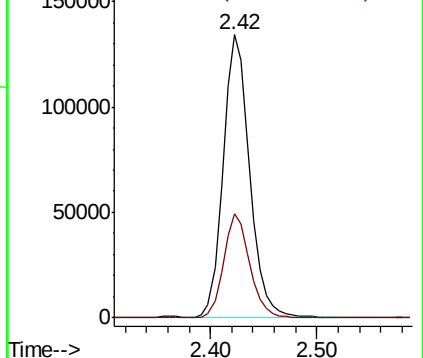
43 100

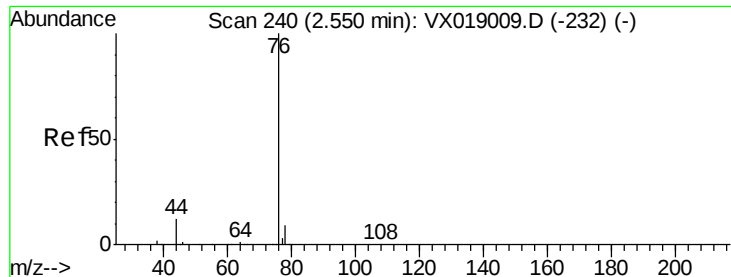
58 36.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

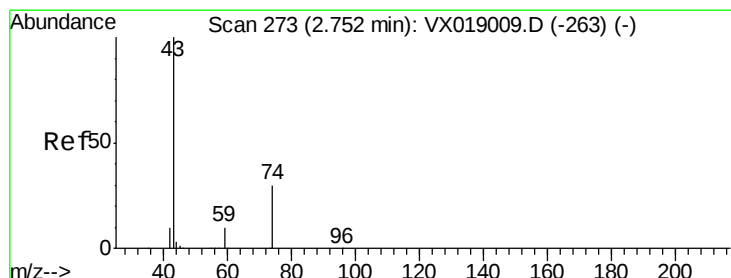
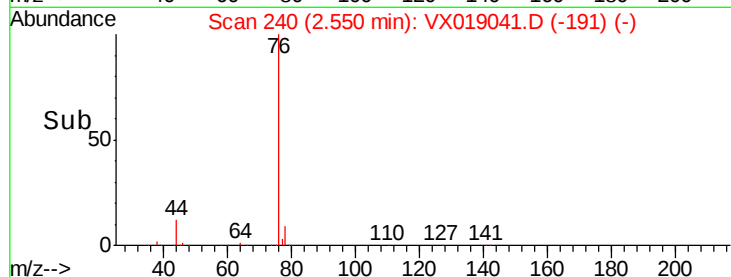
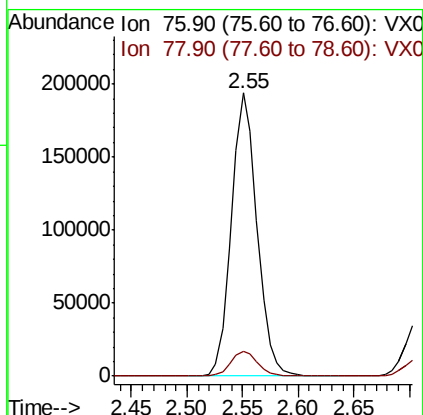
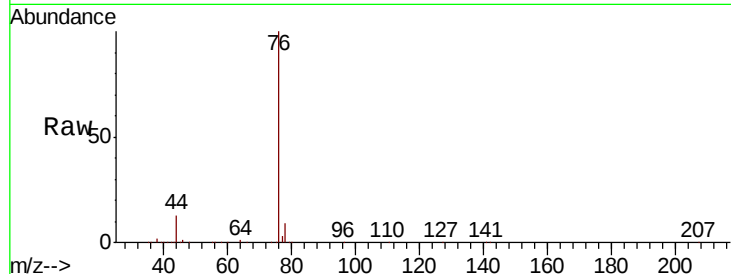




#17
Carbon Disulfide
Concen: 46.274 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

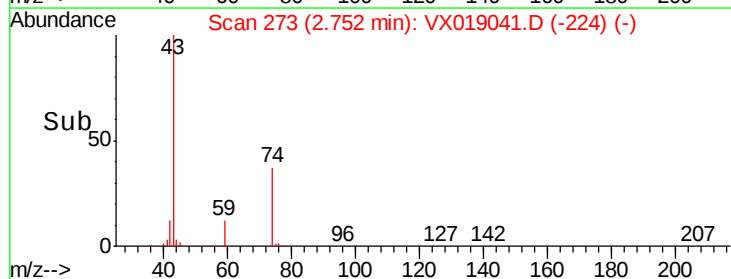
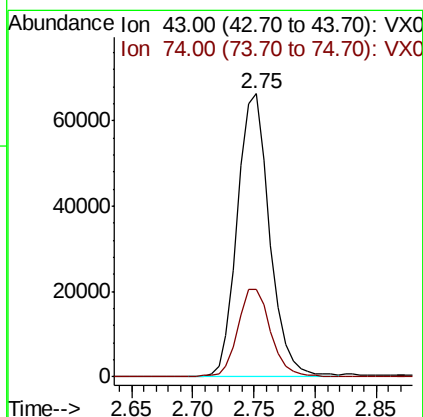
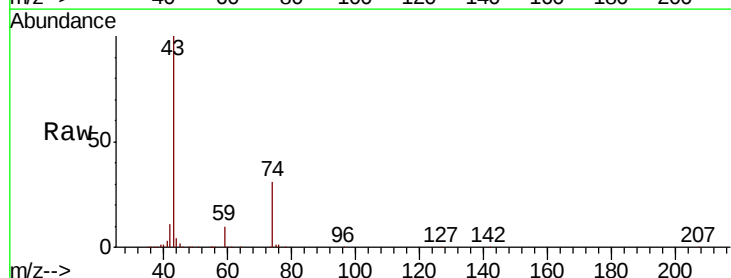
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

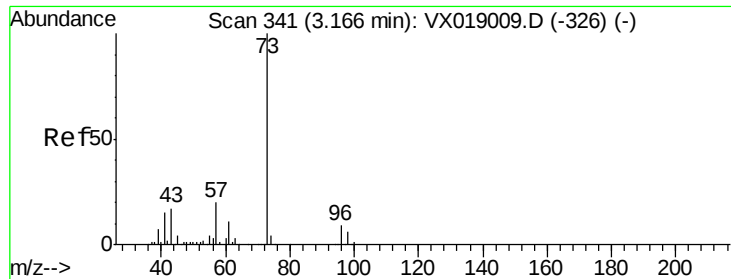
Tot Ion: 76 Resp: 308046
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 50.393 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 43 Resp: 120991
Ion Ratio Lower Upper
43 100
74 32.0 24.9 37.3



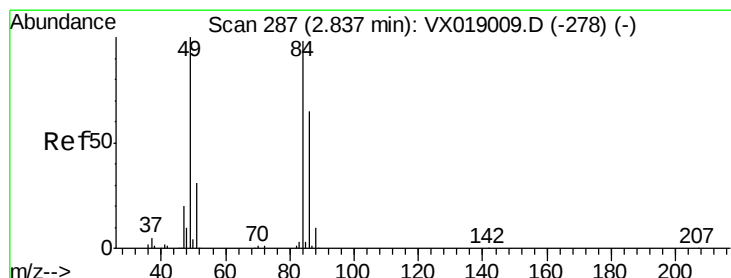
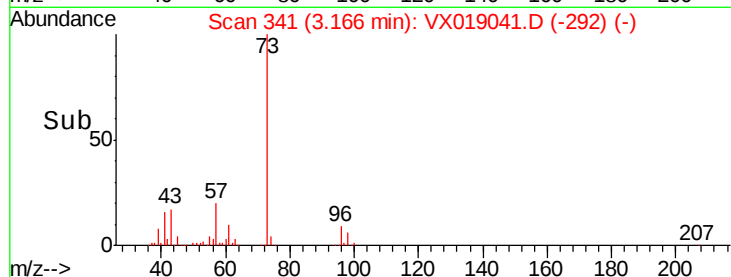
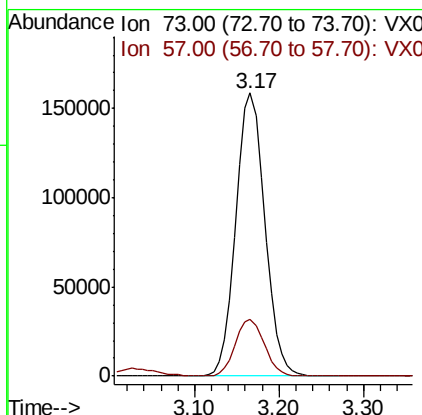
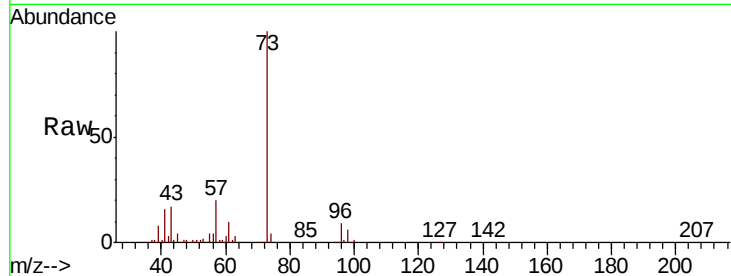


#19

Methyl tert-butyl Ether
 Concen: 50.388 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

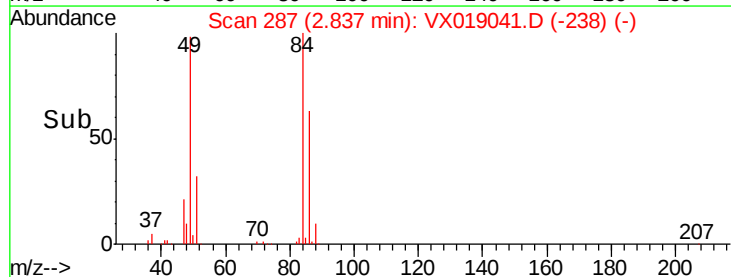
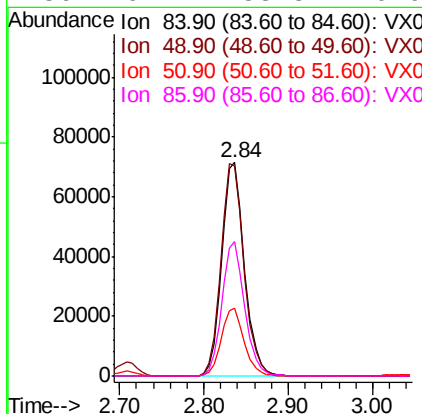
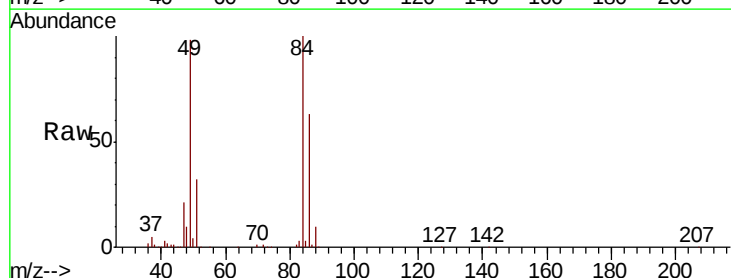
Tot Ion: 73 Resp: 368419
 Ion Ratio Lower Upper
 73 100
 57 20.1 16.2 24.2

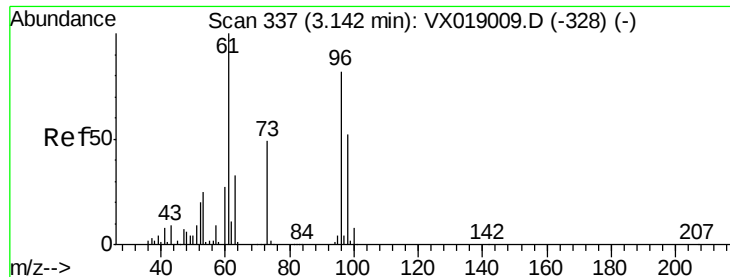


#20

Methylene Chloride
 Concen: 49.272 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion: 84 Resp: 132722
 Ion Ratio Lower Upper
 84 100
 49 98.5 81.6 122.4
 51 31.6 25.6 38.4
 86 62.7 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 48.546 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

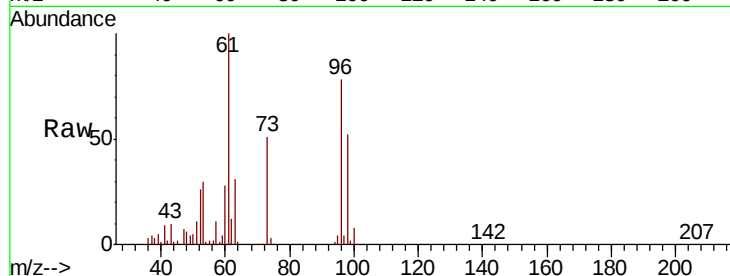
Tot Ion: 96 Resp: 130753

Ion Ratio Lower Upper

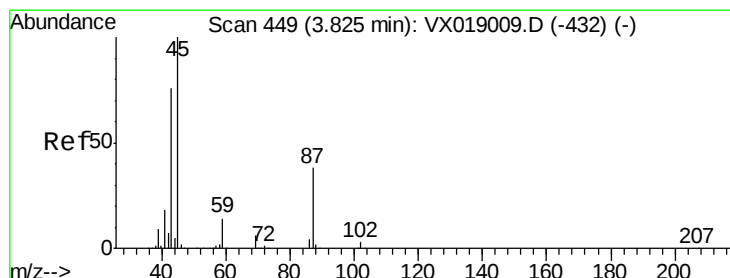
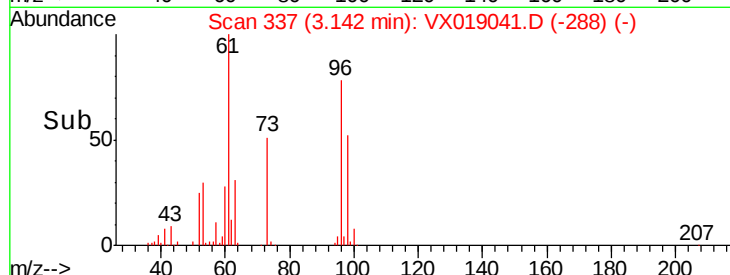
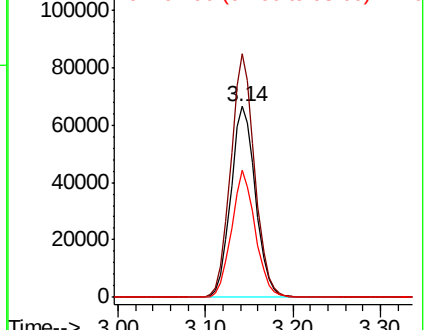
96 100

61 127.4 97.8 146.6

98 66.4 50.7 76.1



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: 50.197 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Tgt Ion: 45 Resp: 295569

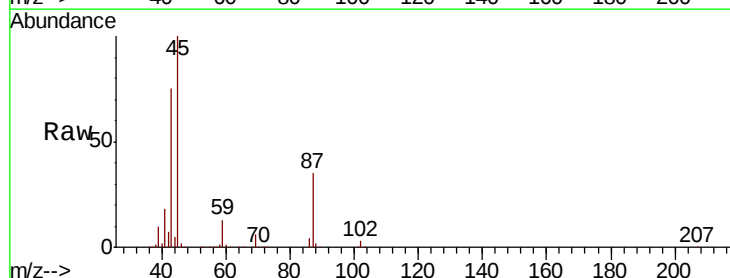
Ion Ratio Lower Upper

45 100

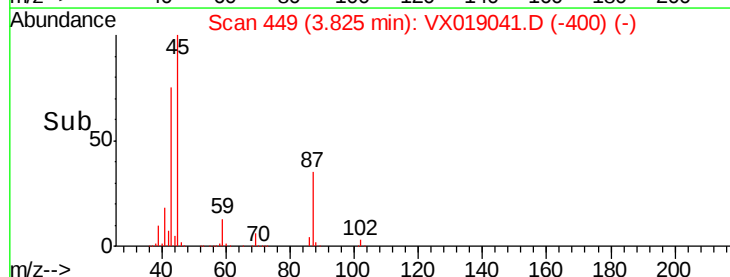
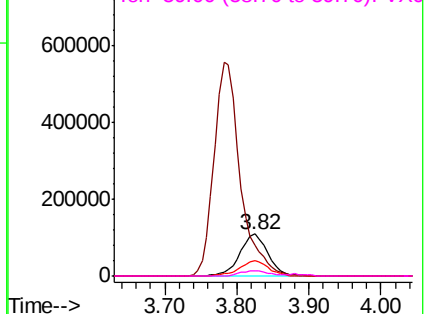
43 74.1 60.4 90.6

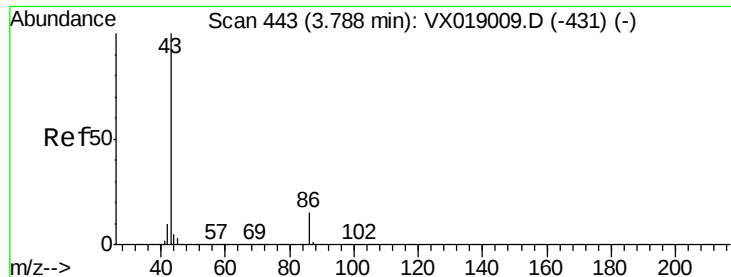
87 35.3 30.4 45.6

59 13.3 11.2 16.8



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: 252.628 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

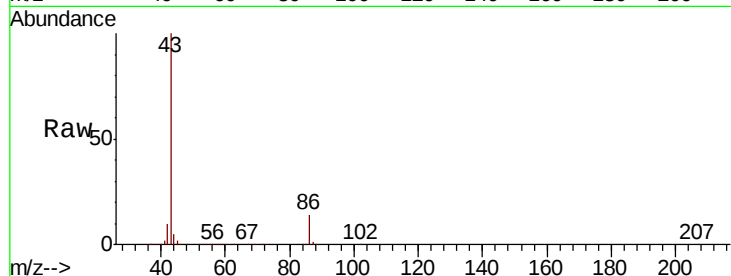
VSTDCCC050EC

Tot Ion: 43 Resp: 1412471

Ion Ratio Lower Upper

43 100

86 14.3 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

600000

500000

400000

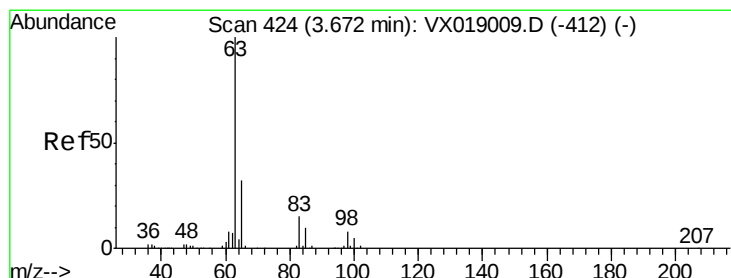
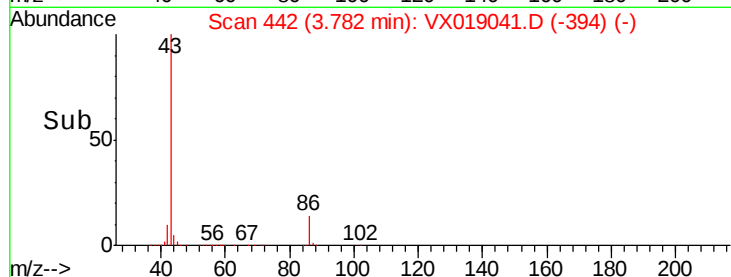
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 50.185 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

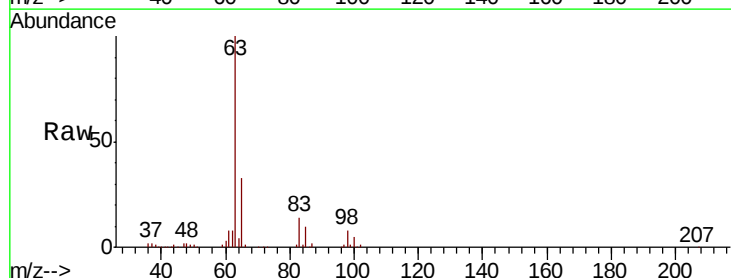
Tgt Ion: 63 Resp: 215199

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.0

100 5.4 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

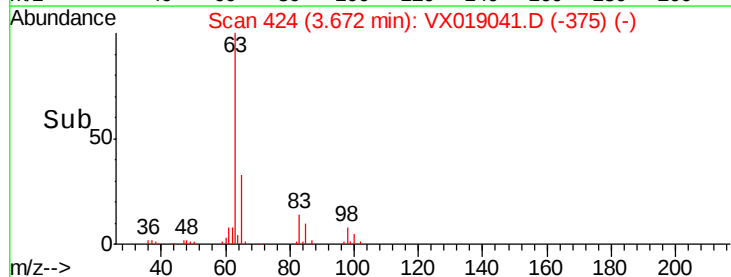
60000

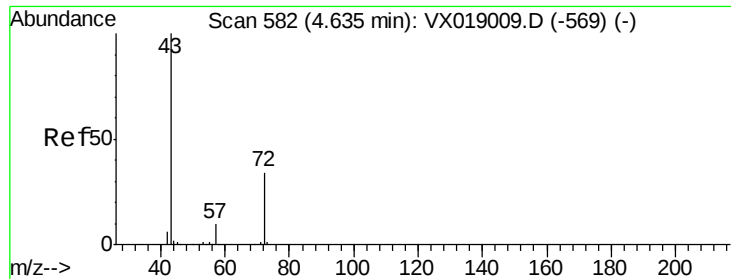
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 246.916 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

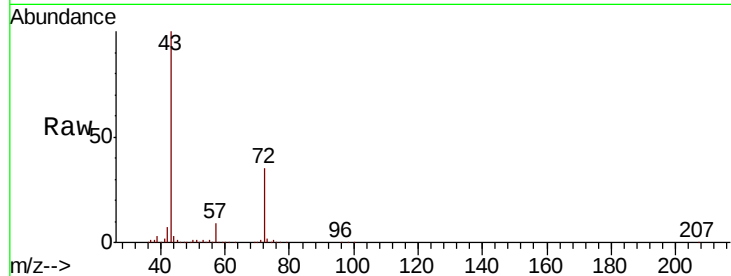
VSTDCCC050EC

Tot Ion: 43 Resp: 377489

Ion Ratio Lower Upper

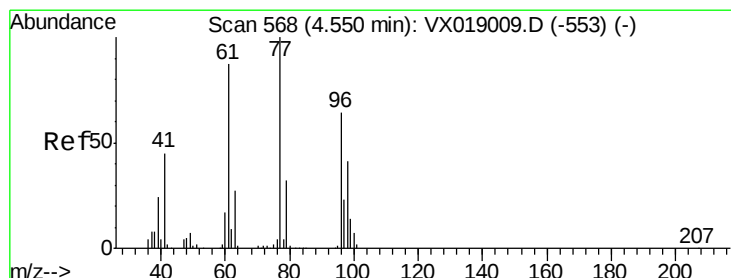
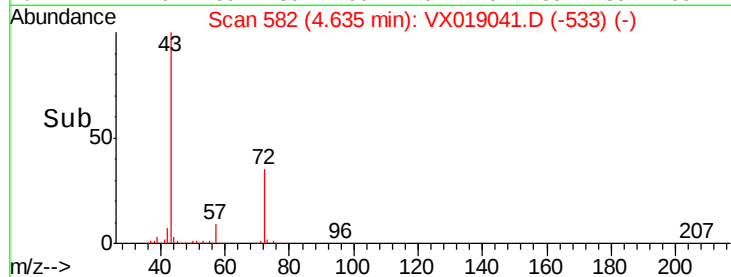
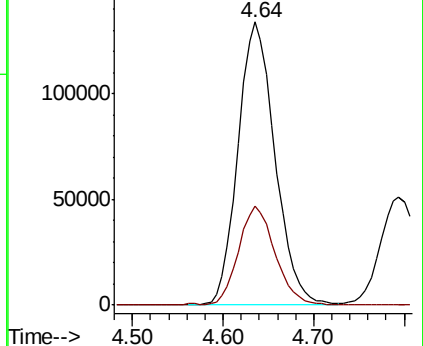
43 100

72 34.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.754 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019041.D

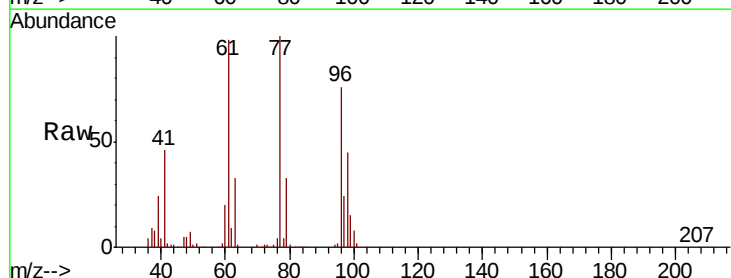
Acq: 22 Oct 2020 20:29

Tgt Ion: 77 Resp: 173232

Ion Ratio Lower Upper

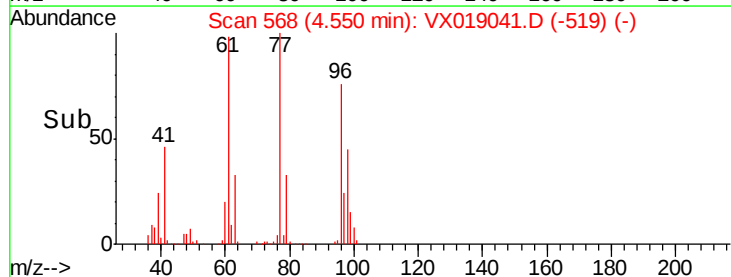
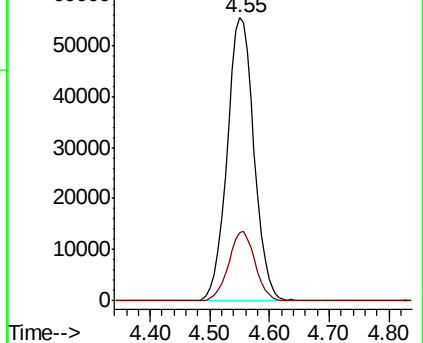
77 100

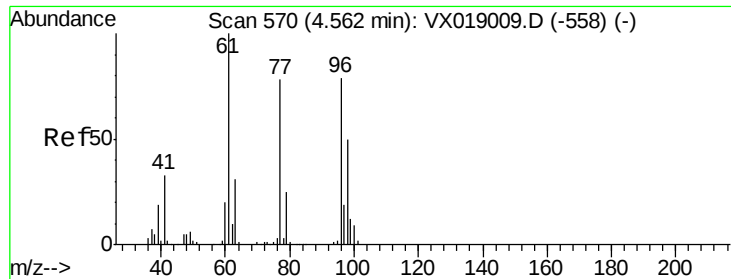
97 24.3 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



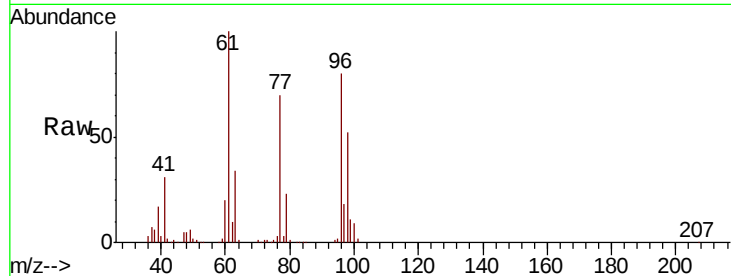


#27

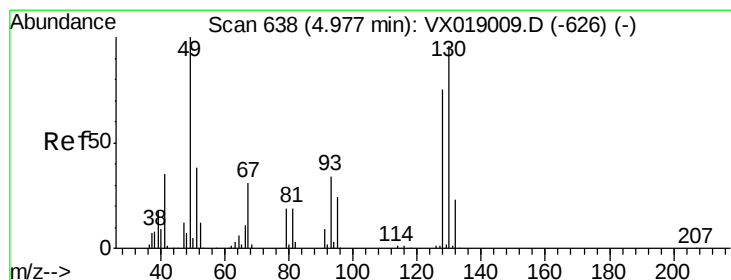
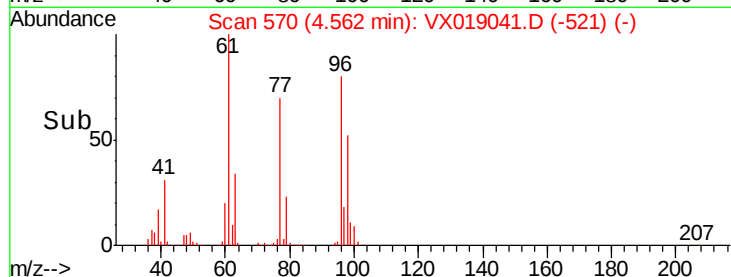
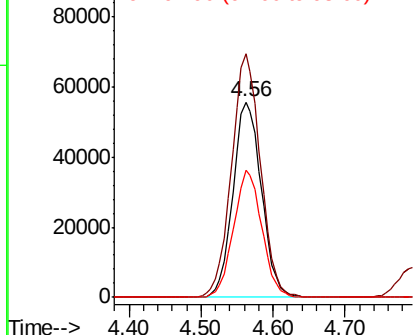
cis-1,2-Dichloroethene
Concen: 50.024 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 152910
Ion Ratio Lower Upper
96 100
61 126.6 0.0 260.0
98 64.7 0.0 131.4



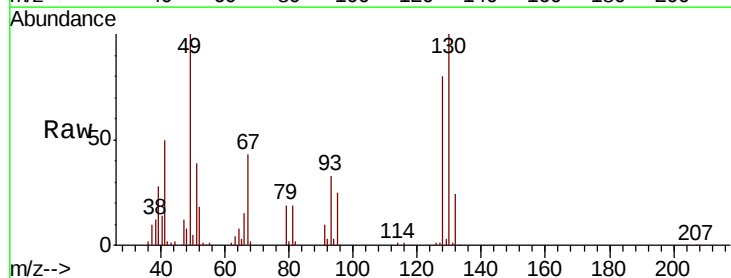
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



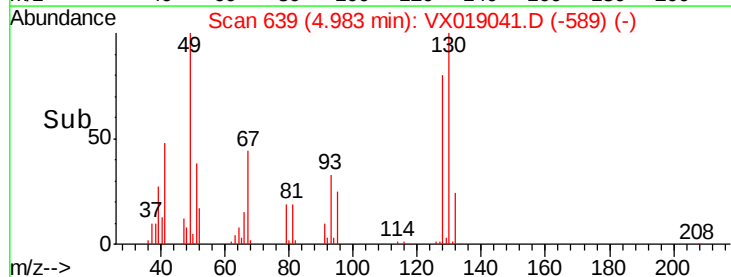
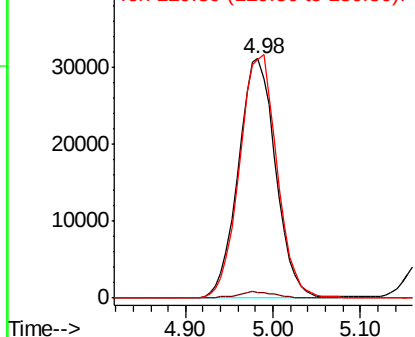
#28

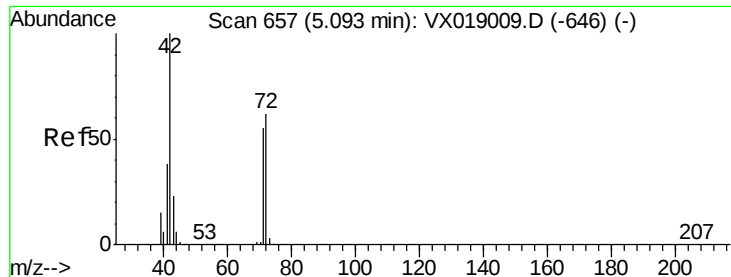
Bromochloromethane
Concen: 50.899 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 49 Resp: 92679
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 101.9 79.0 118.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 237.692 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

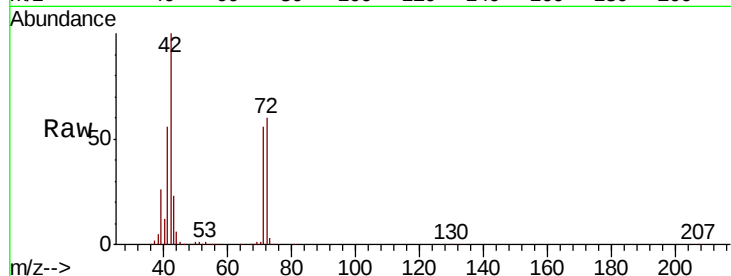
Tot Ion: 42 Resp: 217196

Ion Ratio Lower Upper

42 100

72 61.4 49.1 73.7

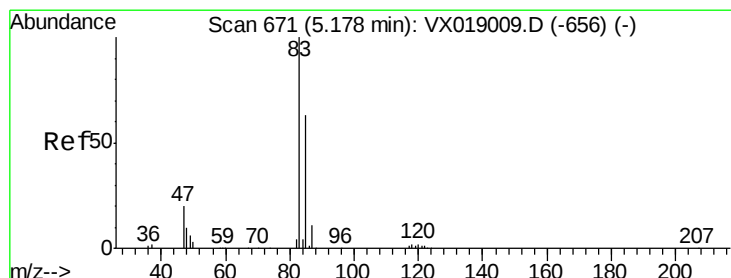
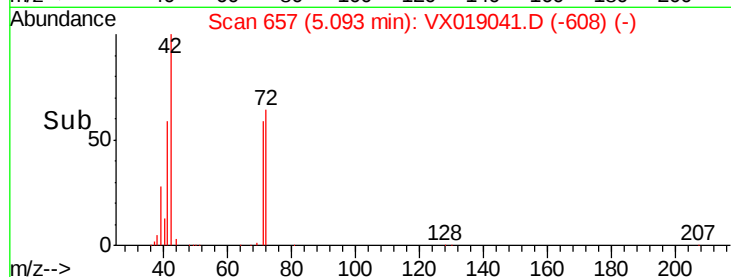
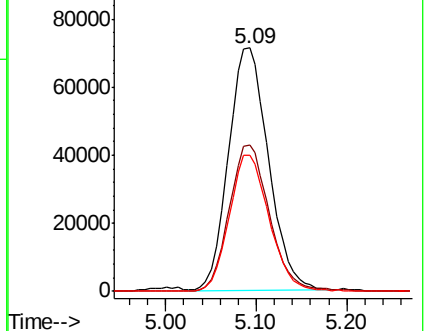
71 56.6 44.2 66.4



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: 51.150 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019041.D

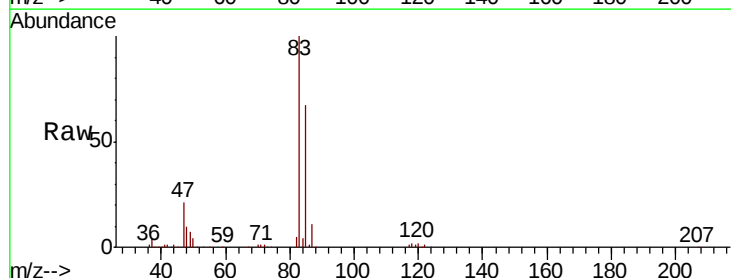
Acq: 22 Oct 2020 20:29

Tgt Ion: 83 Resp: 238128

Ion Ratio Lower Upper

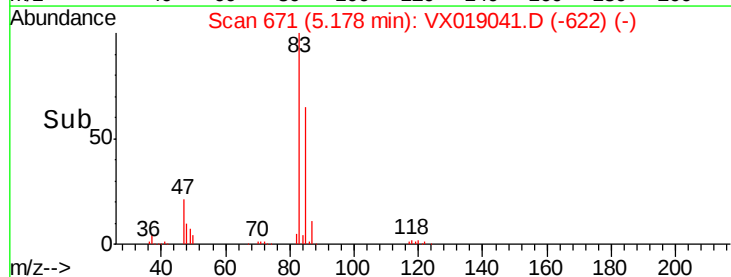
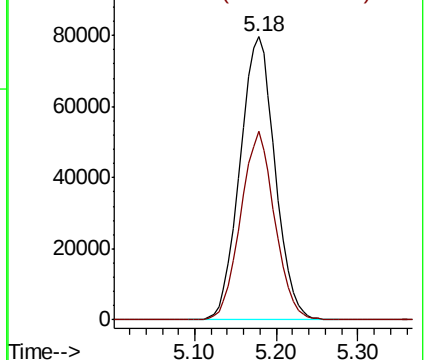
83 100

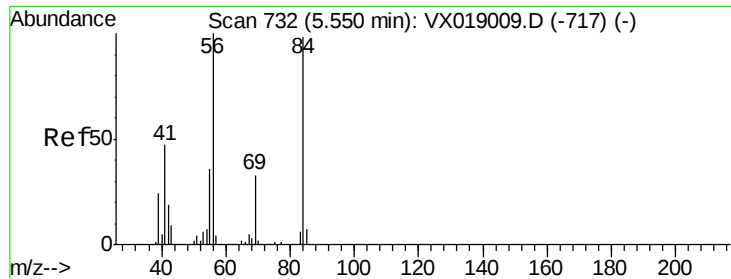
85 66.6 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

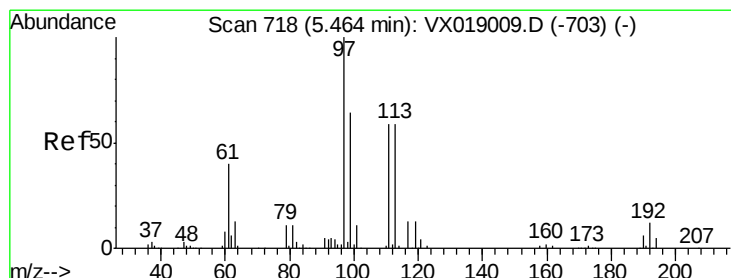
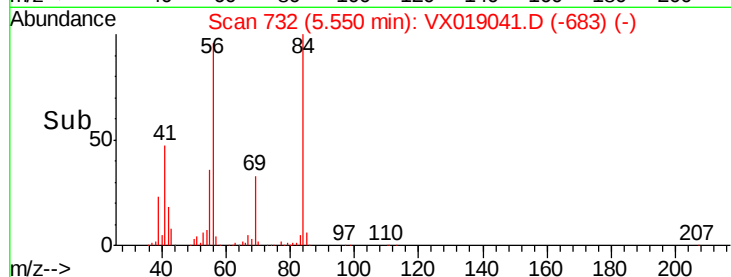
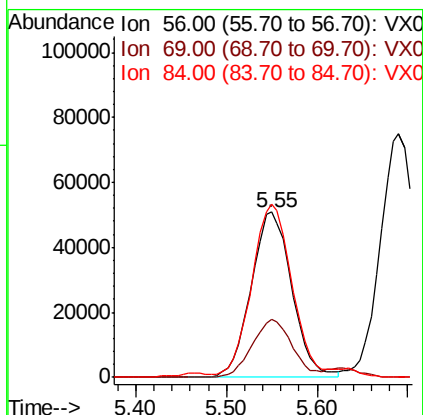
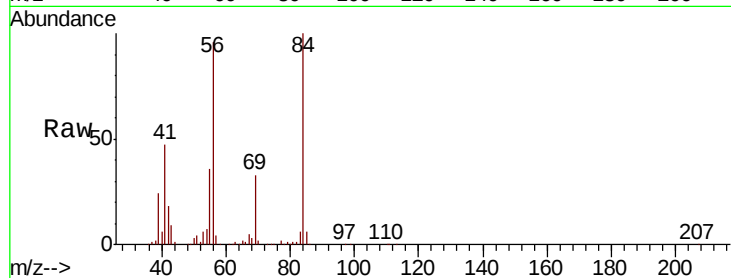




#31
Cvclohexane
Concen: 47.647 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

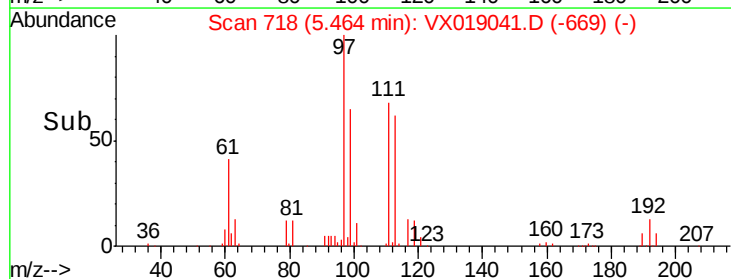
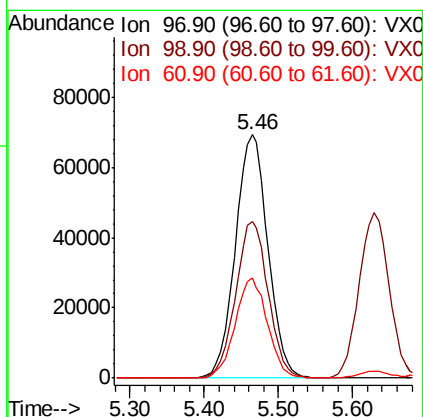
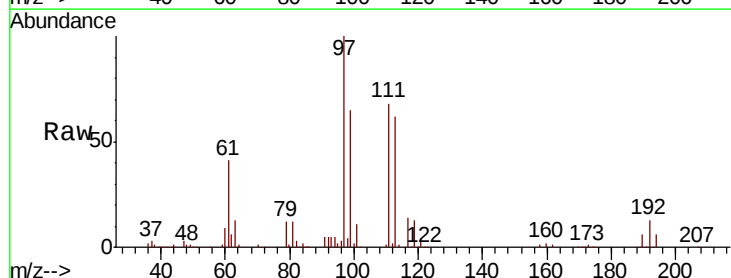
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

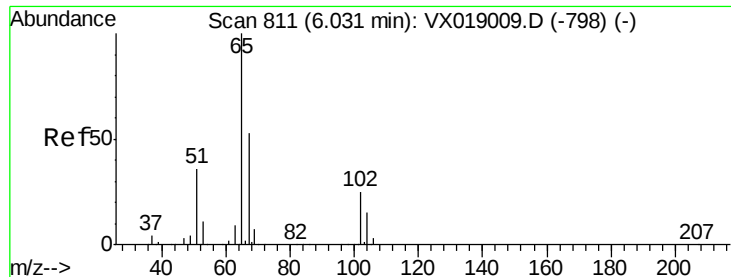
Tot Ion: 56 Resp: 158499
Ion Ratio Lower Upper
56 100
69 34.7 26.2 39.2
84 102.0 78.3 117.5



#32
1,1,1-Trichloroethane
Concen: 50.275 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 97 Resp: 212279
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 40.8 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 50.443 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

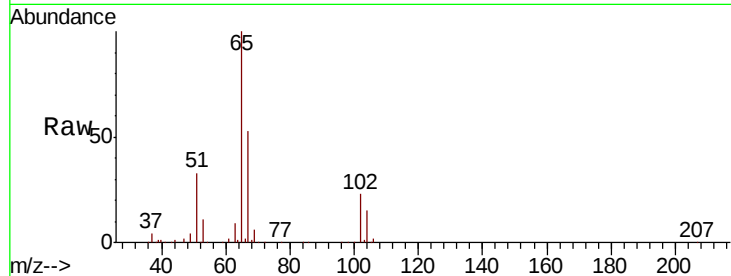
VSTDCCC050EC

Tot Ion: 65 Resp: 143289

Ion Ratio Lower Upper

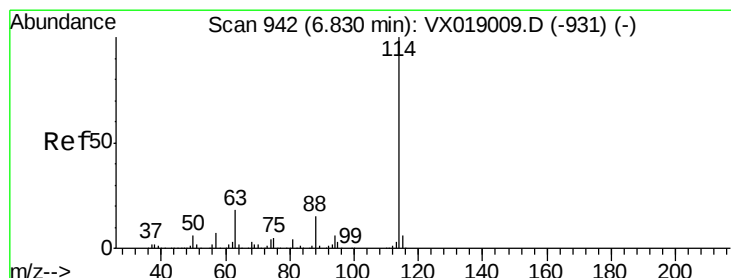
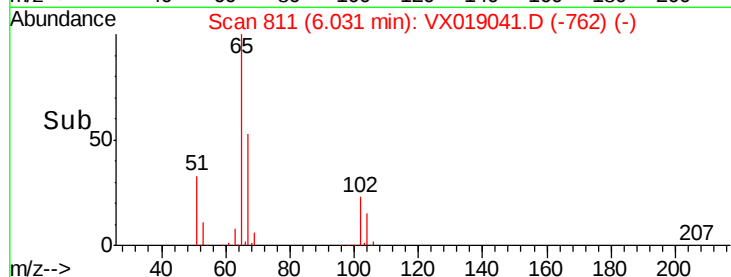
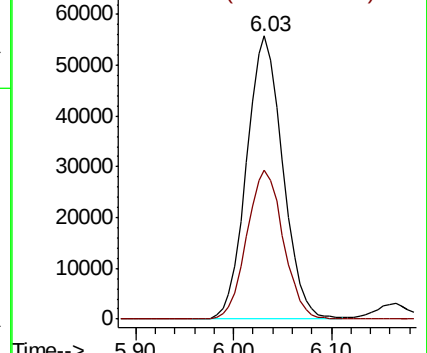
65 100

67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

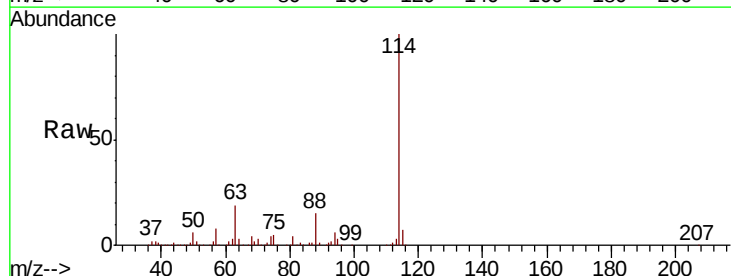
Tgt Ion: 114 Resp: 403286

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

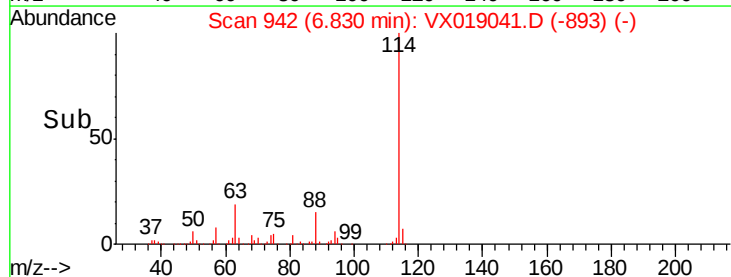
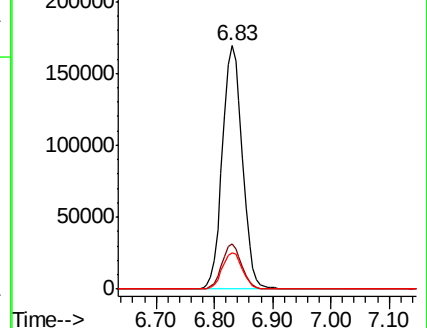
88 15.1 0.0 30.2

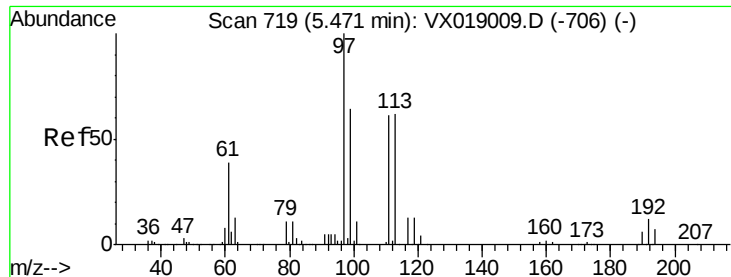


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

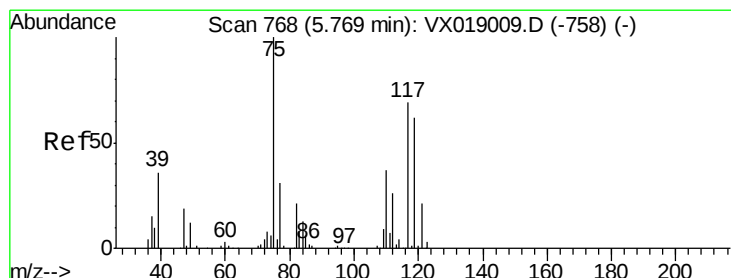
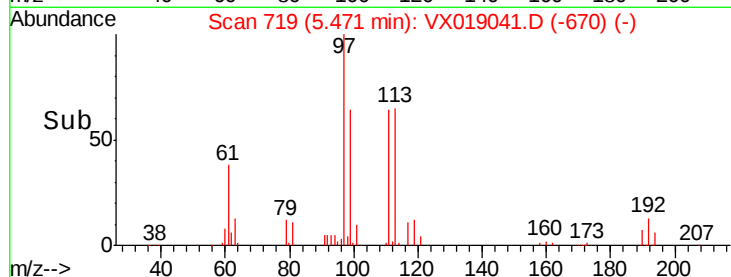
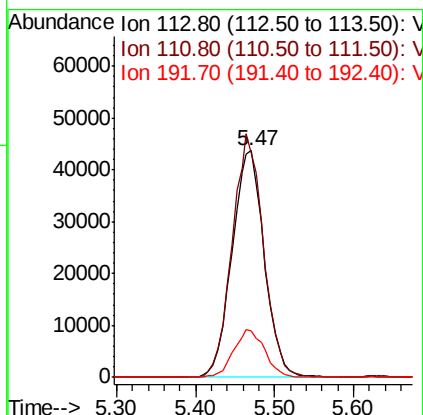
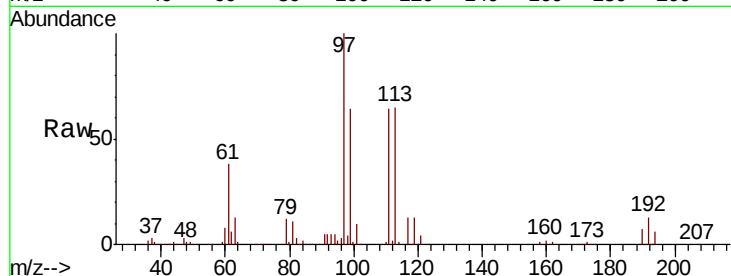




#35
 Dibromofluoromethane
 Concen: 48.586 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

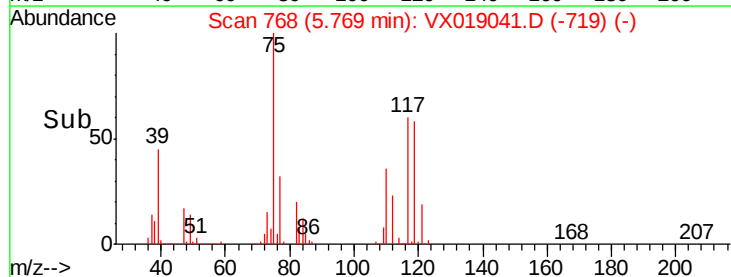
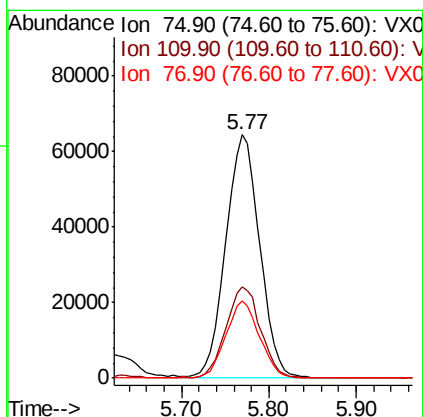
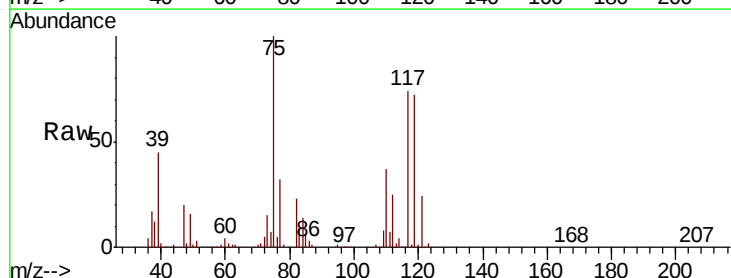
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

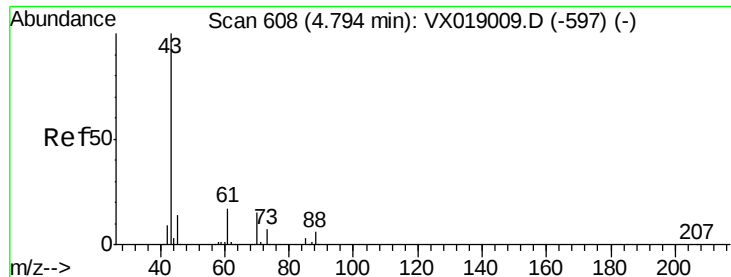
Tot Ion:113 Resp: 124056
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.5 122.3
 192 20.3 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 47.854 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion: 75 Resp: 173168
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.4 58.2
 77 31.9 25.2 37.8

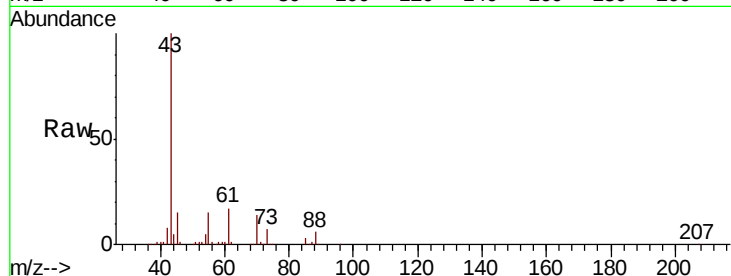




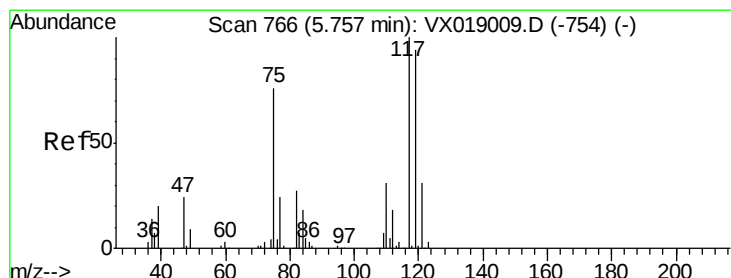
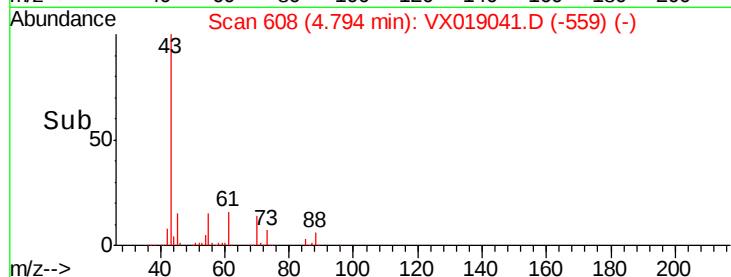
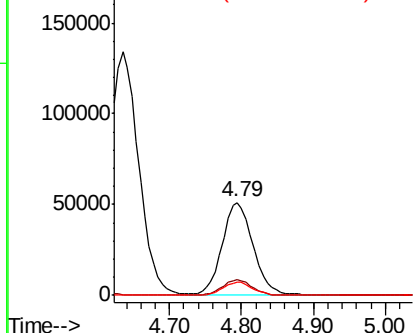
#37
Ethyl Acetate
Concen: 49.315 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 152314
Ion Ratio Lower Upper
43 100
61 16.4 13.8 20.8
70 13.7 11.4 17.2

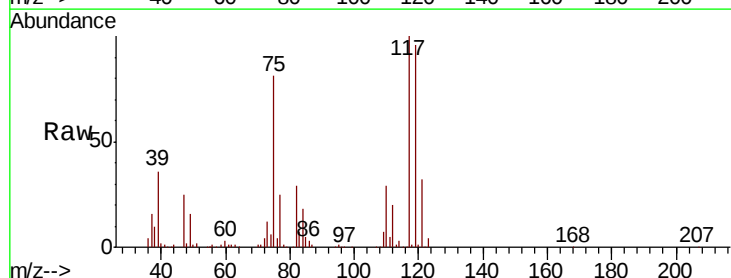


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

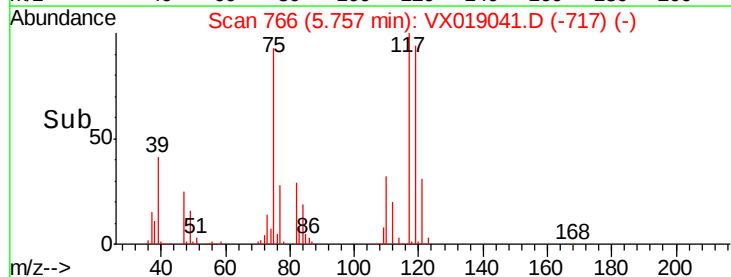
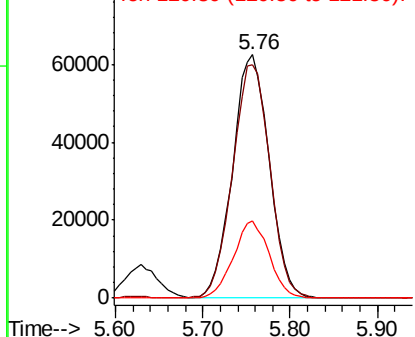


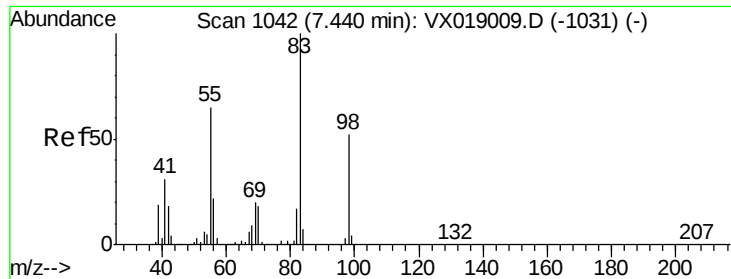
#38
Carbon Tetrachloride
Concen: 47.948 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 117 Resp: 182117
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.0
121 31.8 25.0 37.6



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

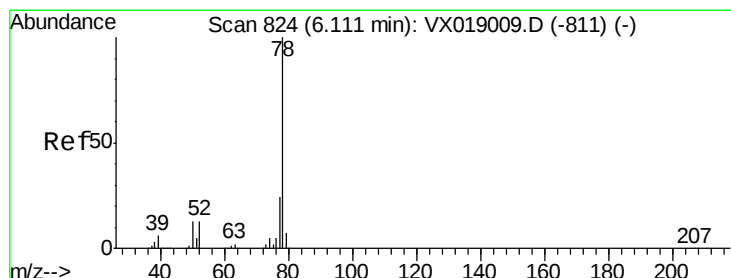
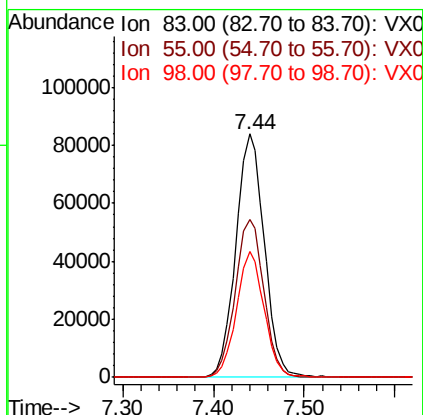
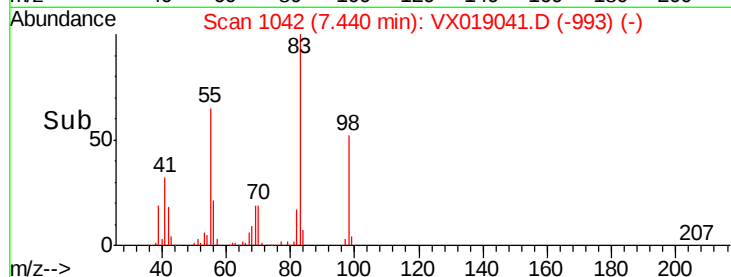
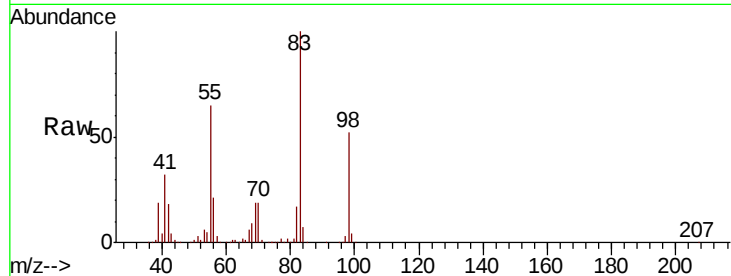




#39
Methvlcvclohexane
Concen: 45.084 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

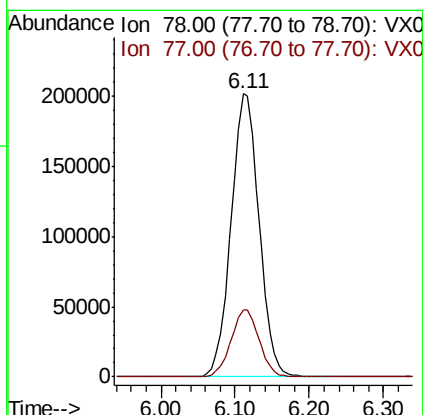
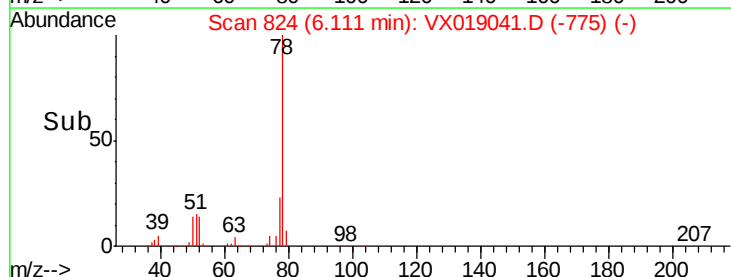
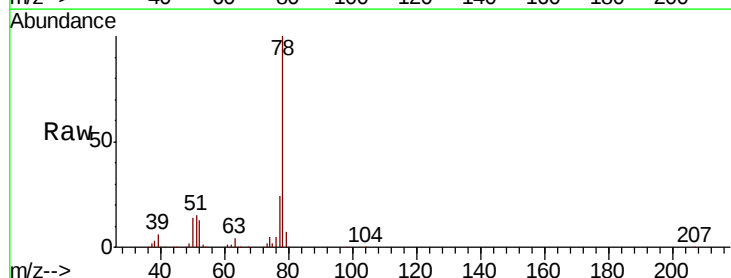
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

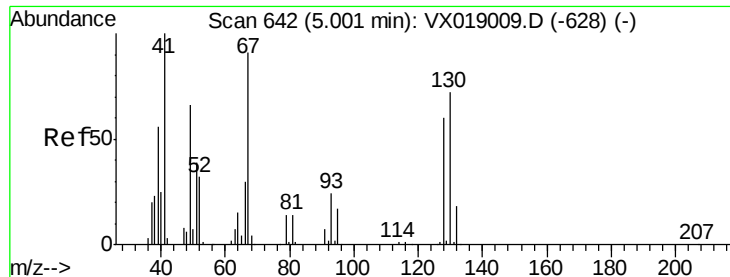
Tot Ion: 83 Resp: 182778
Ion Ratio Lower Upper
83 100
55 64.9 51.8 77.6
98 51.9 41.4 62.2



#40
Benzene
Concen: 49.918 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 78 Resp: 532001
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

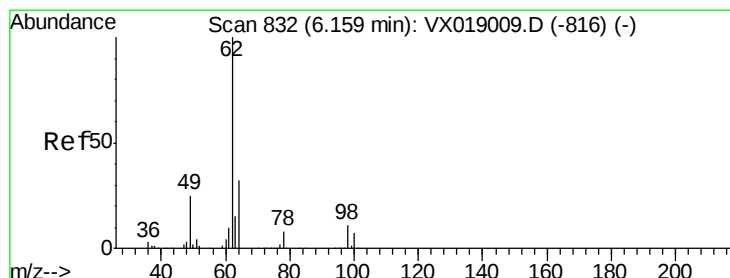
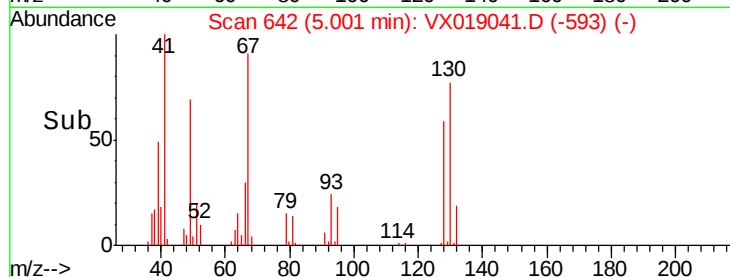
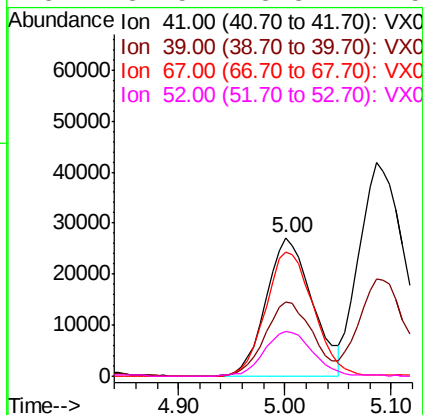
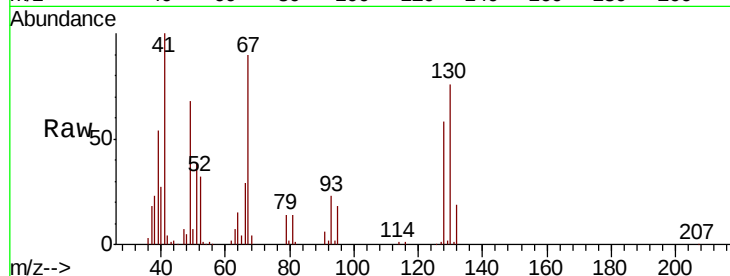




#41
Methacrylonitrile
Concen: 49.286 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

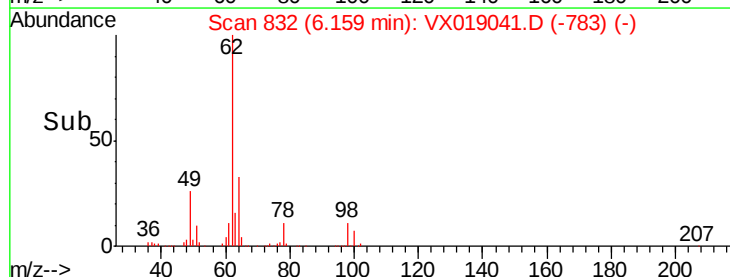
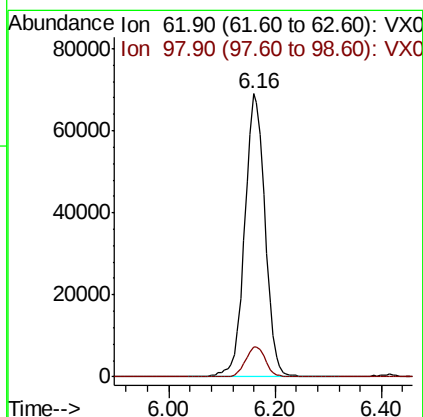
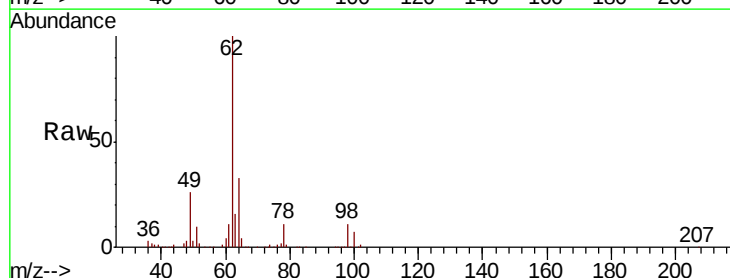
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

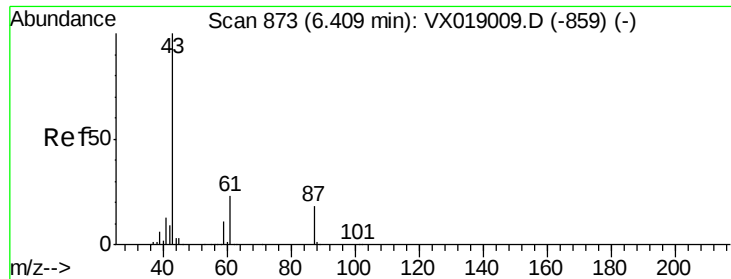
Tot Ion:	41	Resp:	81770
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.6	67.0
67	92.8	76.1	114.1
52	34.5	28.3	42.5



#42
1,2-Dichloroethane
Concen: 49.839 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion:	62	Resp:	181268
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



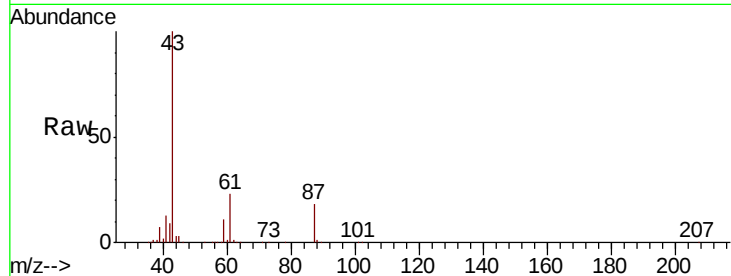


#43

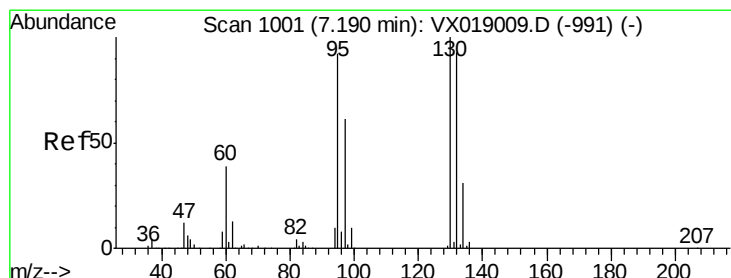
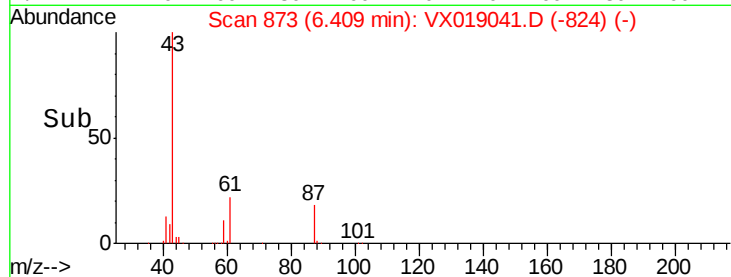
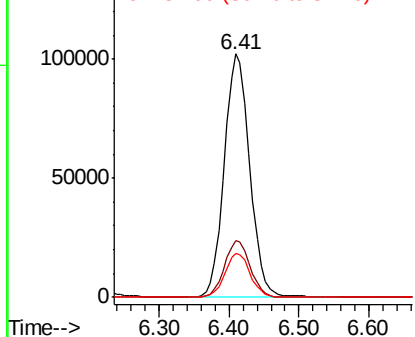
Isopropyl Acetate
 Concen: 49.034 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 256492
 Ion Ratio Lower Upper
 43 100
 61 23.7 18.7 28.1
 87 18.0 14.2 21.4



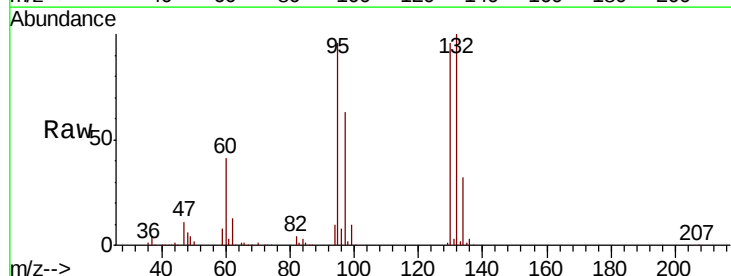
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



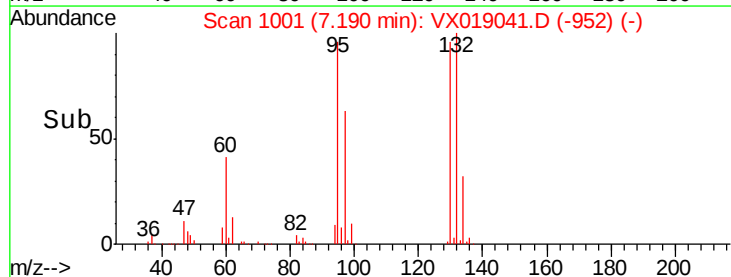
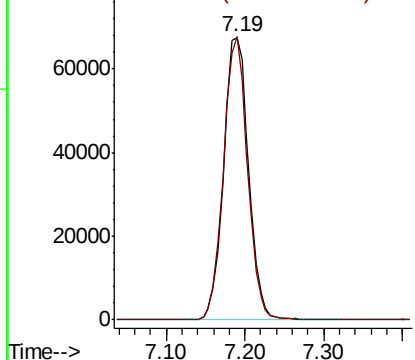
#44

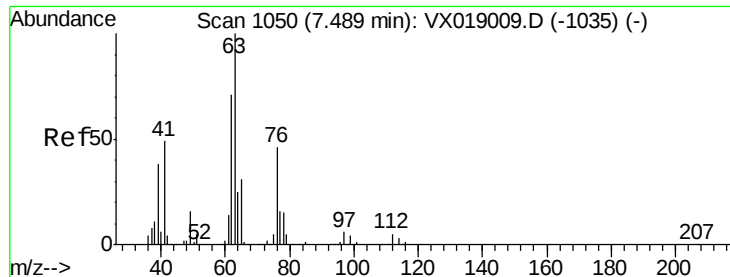
Trichloroethene
 Concen: 47.865 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion: 130 Resp: 148764
 Ion Ratio Lower Upper
 130 100
 95 100.3 0.0 184.2



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





#45

1,2-Dichloropropane

Concen: 49.420 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

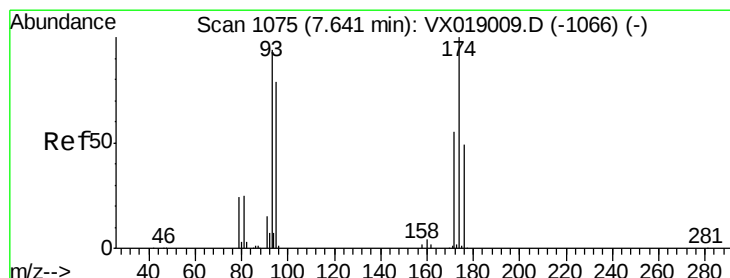
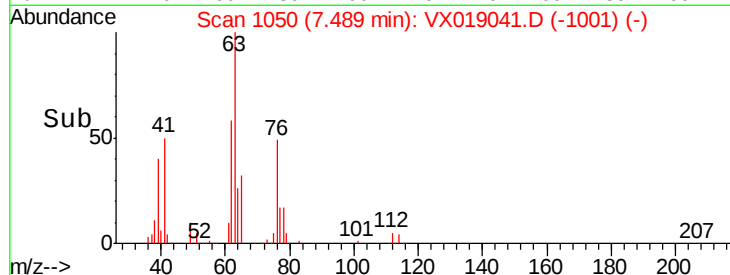
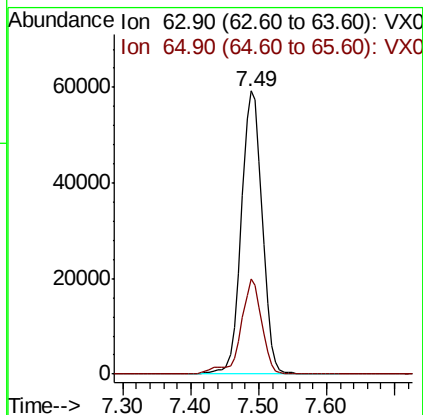
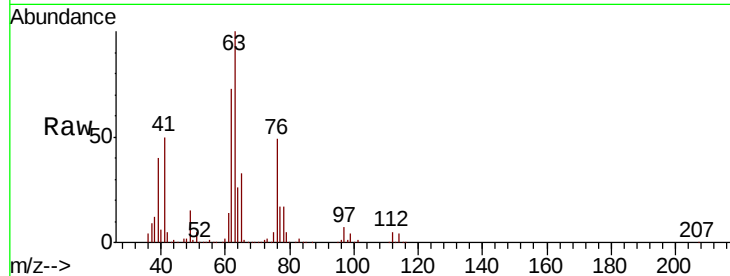
VSTDCCC050EC

Tot Ion: 63 Resp: 126337

Ion Ratio Lower Upper

63 100

65 33.5 24.9 37.3



#46

Dibromomethane

Concen: 48.778 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

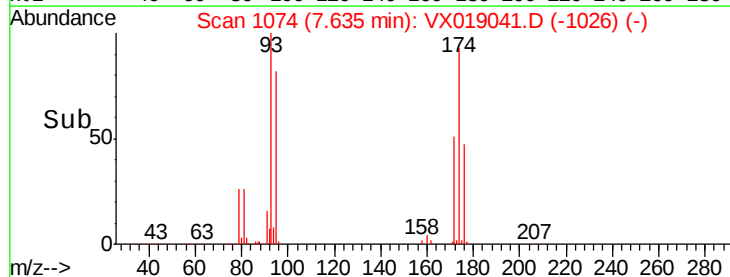
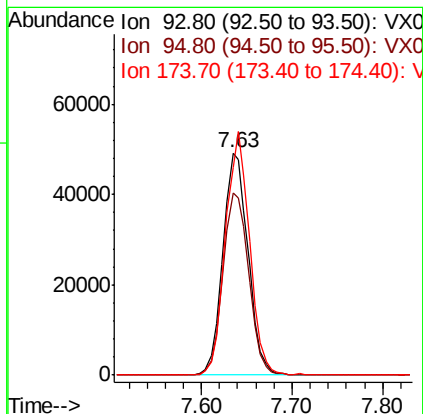
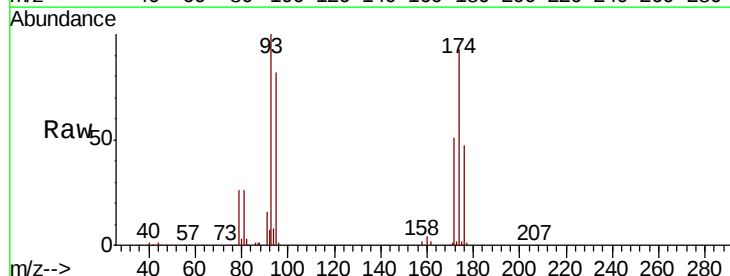
Tgt Ion: 93 Resp: 94973

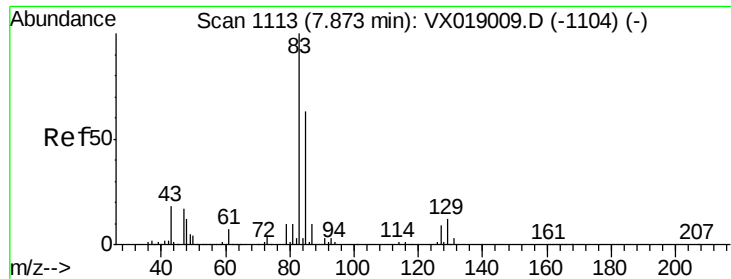
Ion Ratio Lower Upper

93 100

95 84.5 66.8 100.2

174 104.8 83.8 125.8





#47

Bromodichloromethane

Concen: 49.590 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

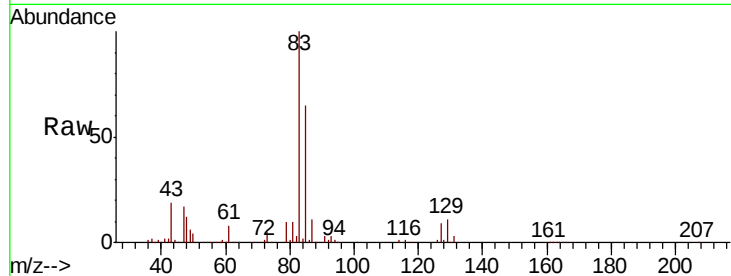
Tot Ion: 83 Resp: 189316

Ion Ratio Lower Upper

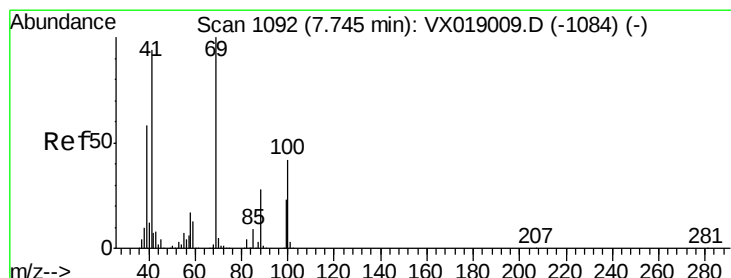
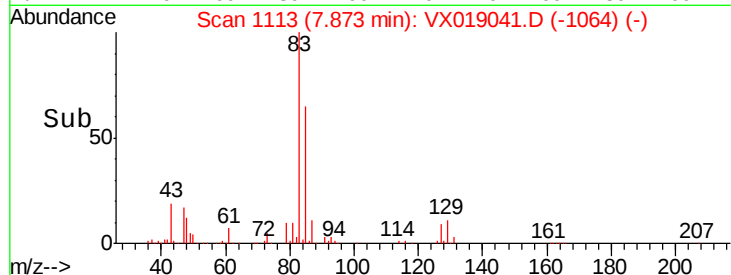
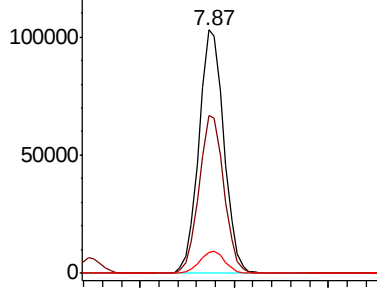
83 100

85 65.0 50.7 76.1

127 8.7 6.8 10.2



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: 47.436 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

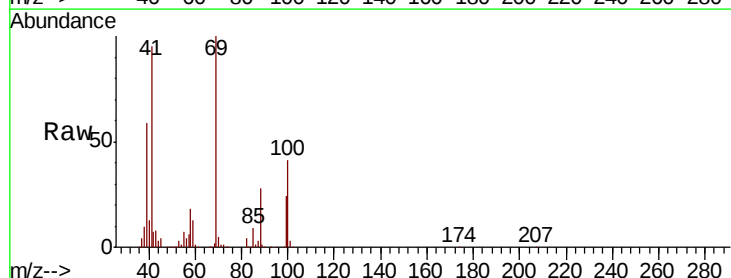
Tgt Ion: 41 Resp: 122261

Ion Ratio Lower Upper

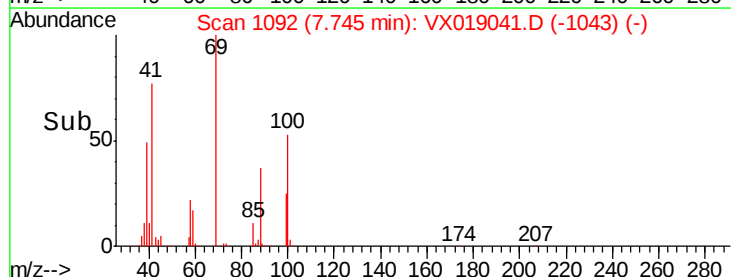
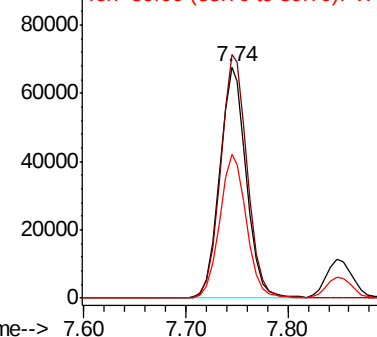
41 100

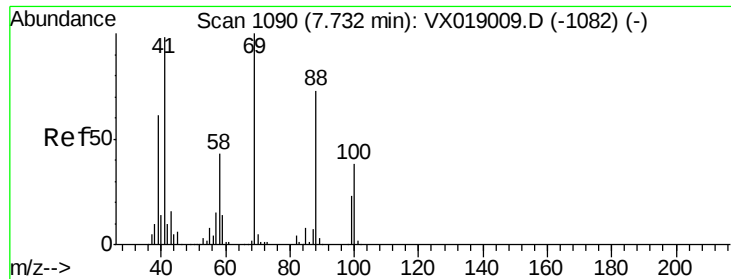
69 106.4 85.5 128.3

39 63.0 49.3 73.9



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

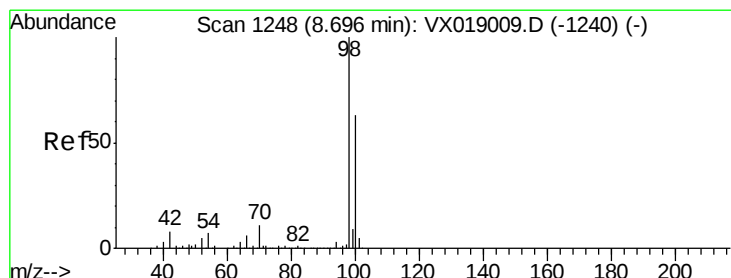
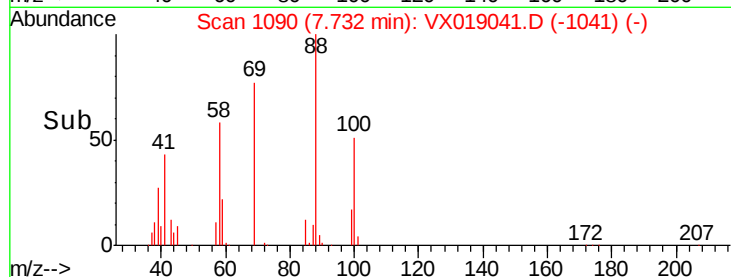
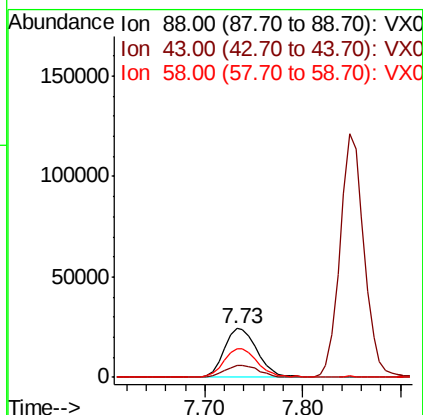
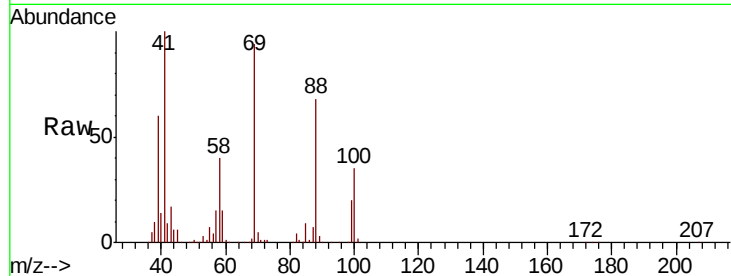




#49
 1,4-Dioxane
 Concen: 979.420 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

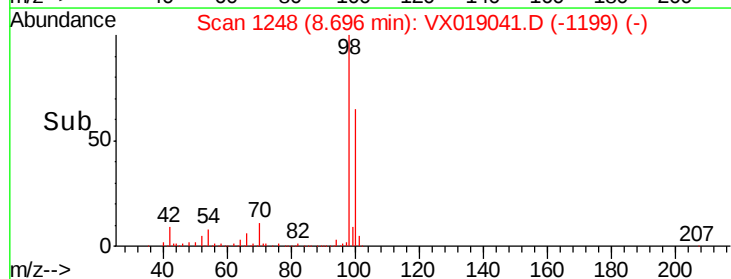
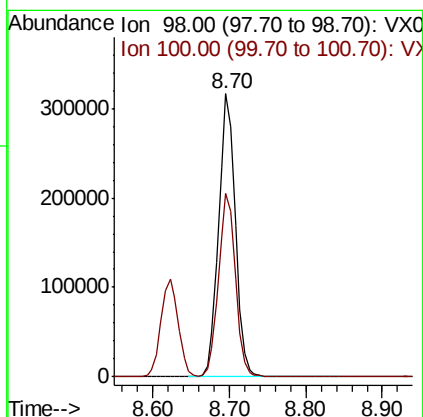
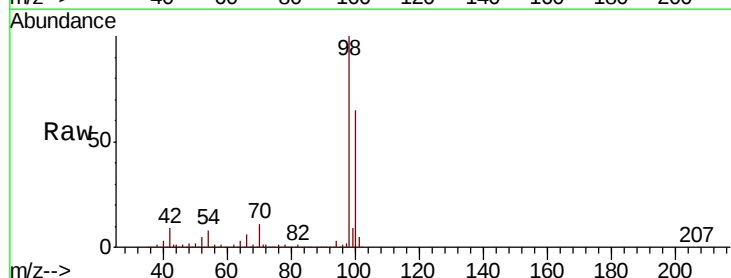
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

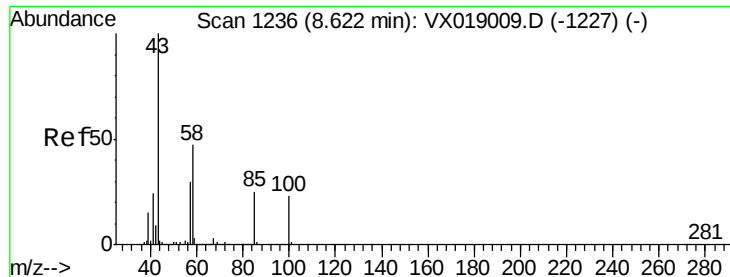
Tot Ion: 88 Resp: 57036
 Ion Ratio Lower Upper
 88 100
 43 25.3 20.3 30.5
 58 59.3 48.4 72.6



#50
 Toluene-d8
 Concen: 49.115 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion: 98 Resp: 478556
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.1 78.1

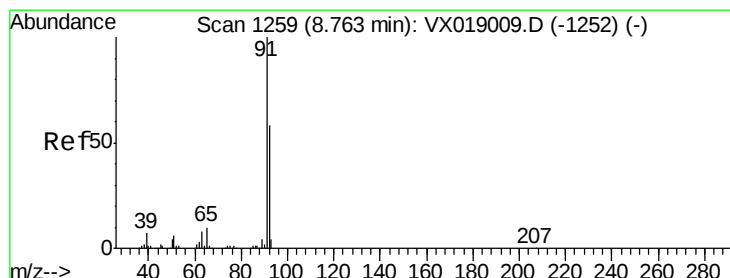
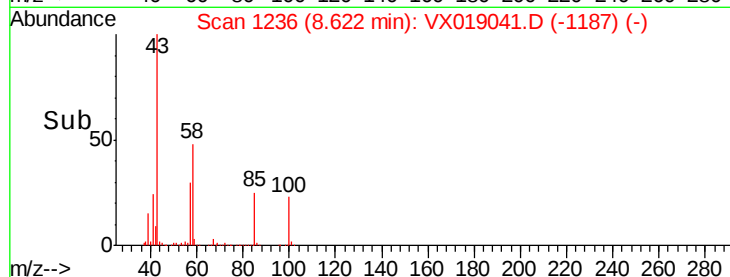
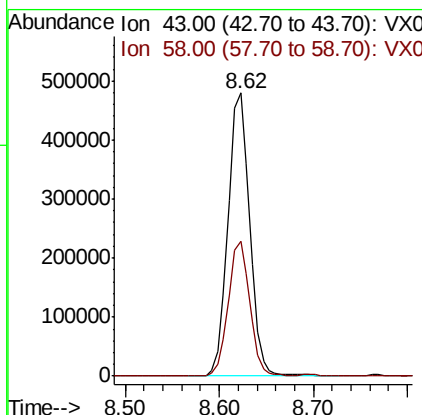
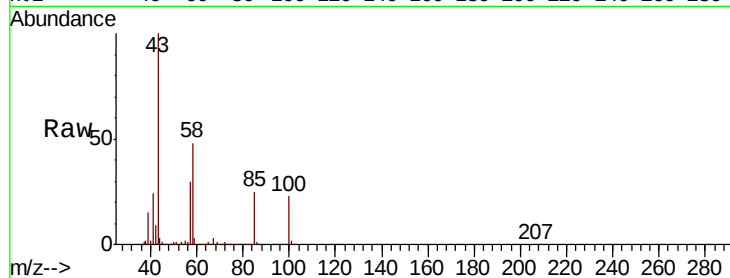




#51
 4-Methyl-2-Pentanone
 Concen: 249.857 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

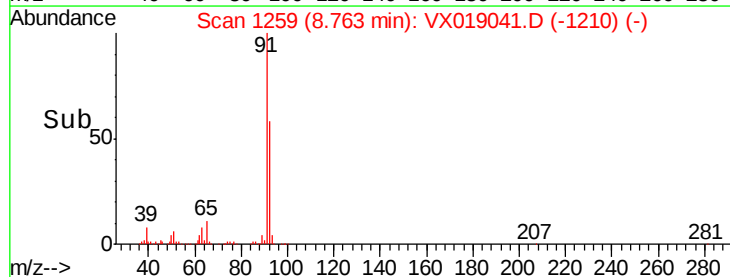
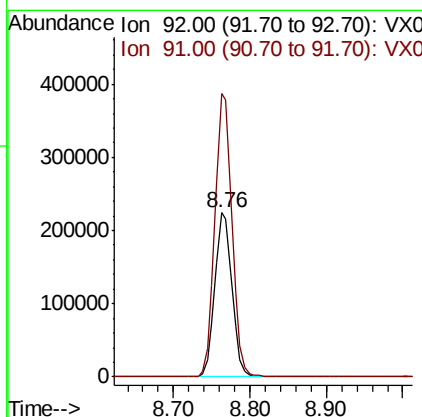
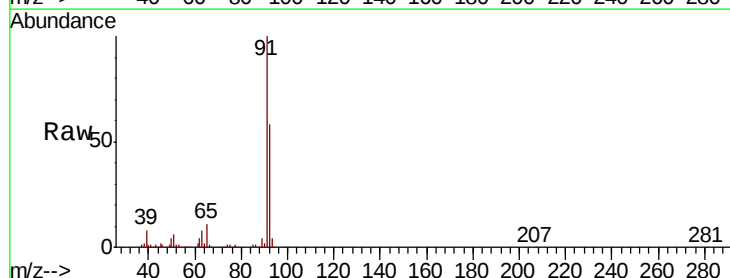
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

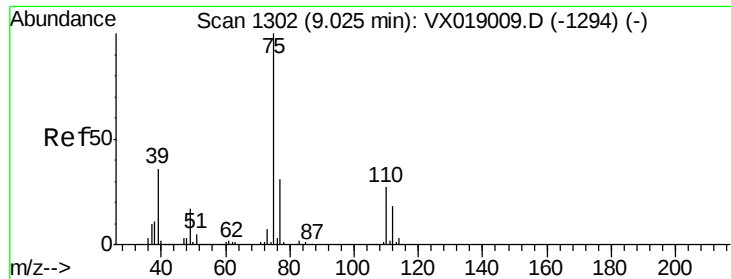
Tot Ion: 43 Resp: 770137
 Ion Ratio Lower Upper
 43 100
 58 47.0 37.4 56.0



#52
 Toluene
 Concen: 49.346 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion: 92 Resp: 347350
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 48.744 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

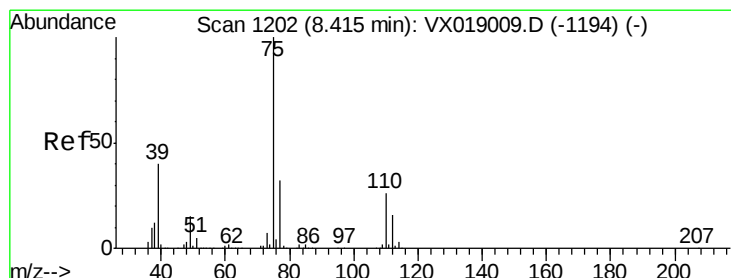
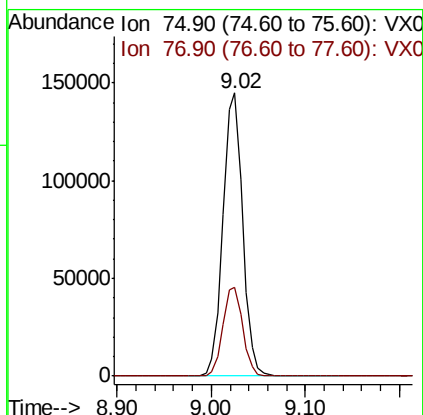
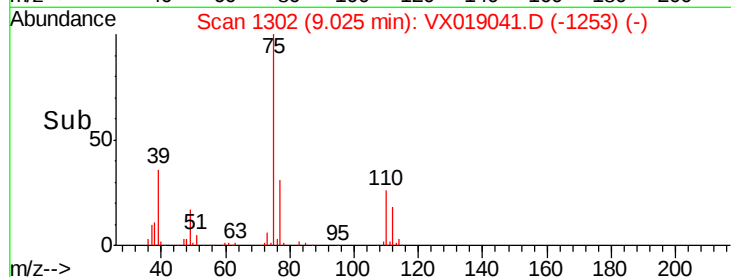
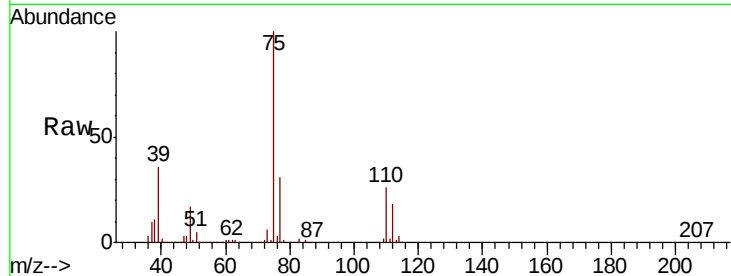
VSTDCCC050EC

Tot Ion: 75 Resp: 210140

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.262 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

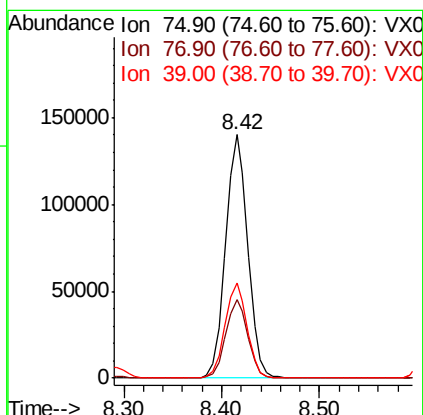
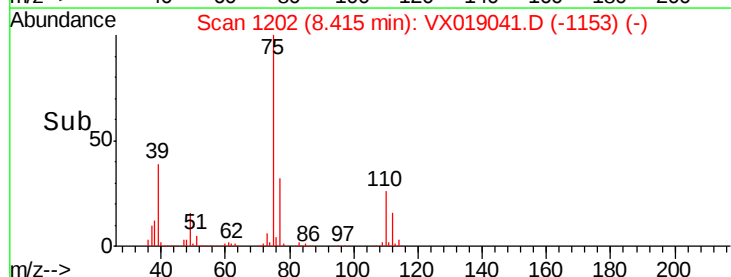
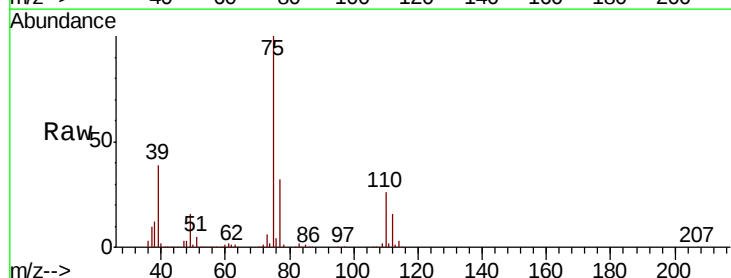
Tgt Ion: 75 Resp: 219713

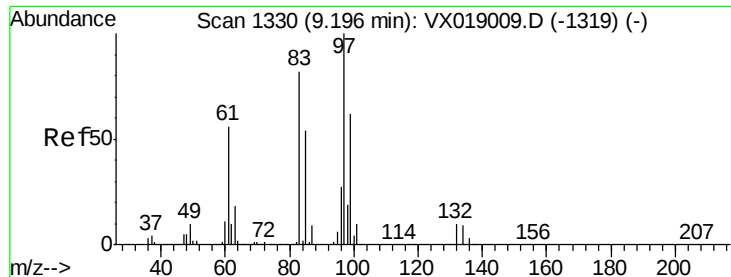
Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

39 39.3 31.7 47.5

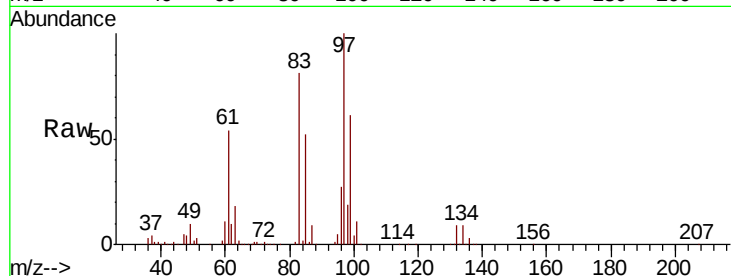




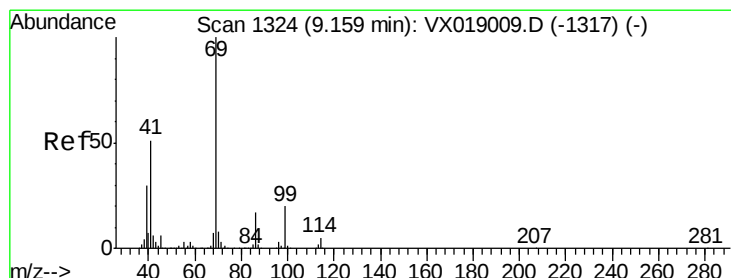
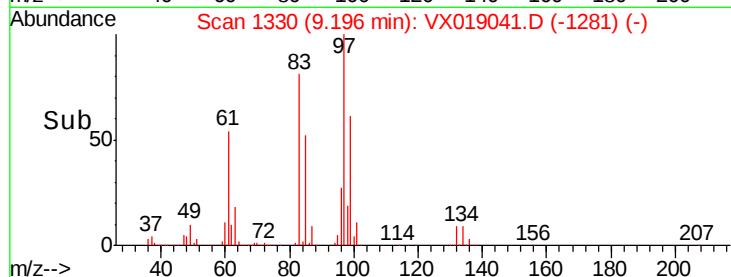
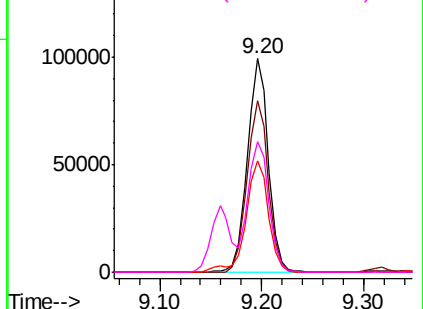
#55
 1,1,2-Trichloroethane
 Concen: 49.515 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	142085
Ion	Ratio	Lower	Upper
97	100		
83	80.5	65.4	98.2
85	52.4	43.3	64.9
99	61.4	50.0	75.0

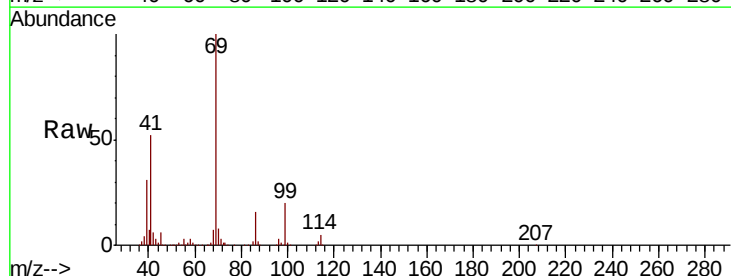


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

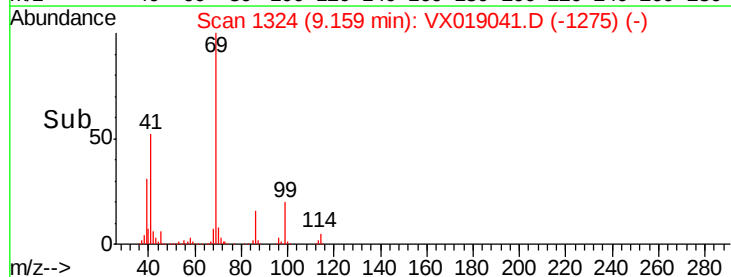
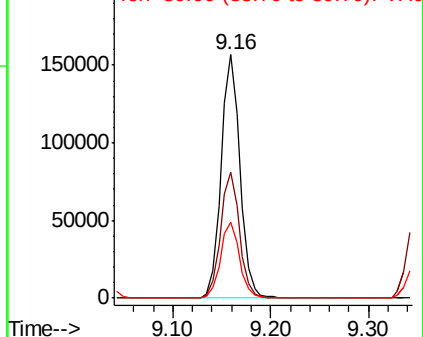


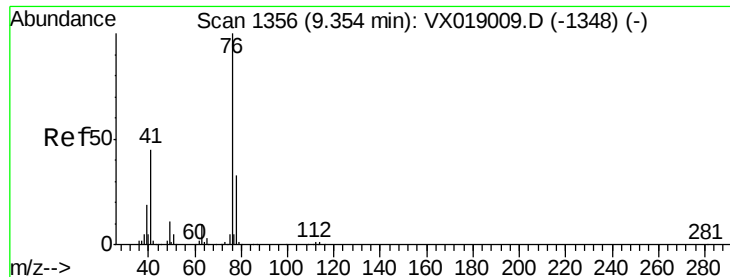
#56
 Ethyl methacrylate
 Concen: 50.562 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion:	69	Resp:	208741
Ion	Ratio	Lower	Upper
69	100		
41	51.5	41.1	61.7
39	31.3	24.6	37.0



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: 50.349 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

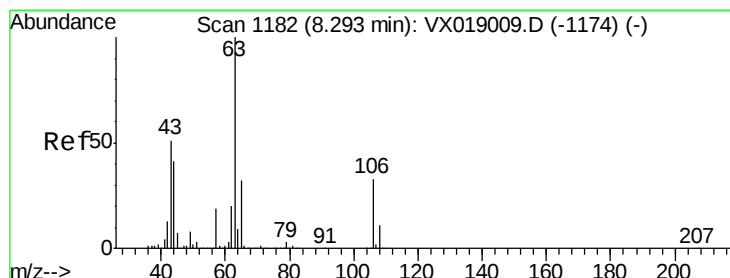
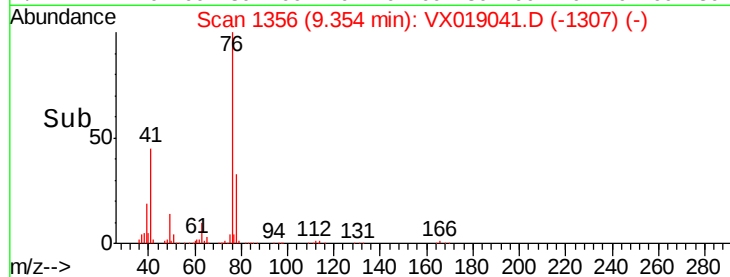
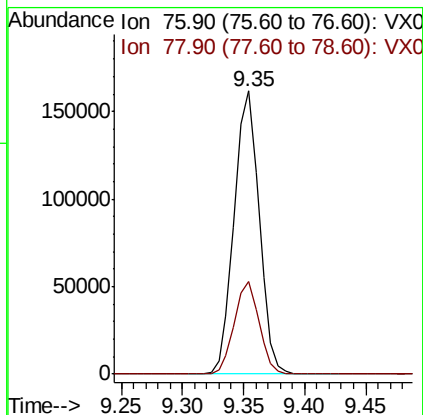
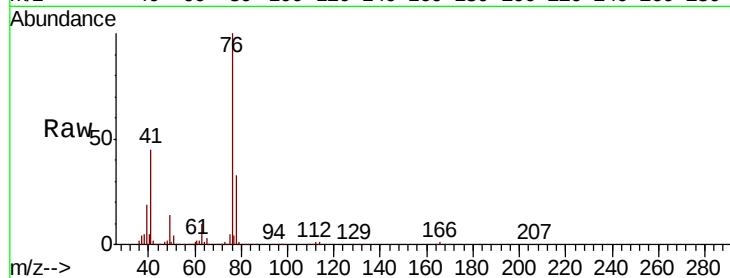
VSTDCCC050EC

Tot Ion: 76 Resp: 229327

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 244.871 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019041.D

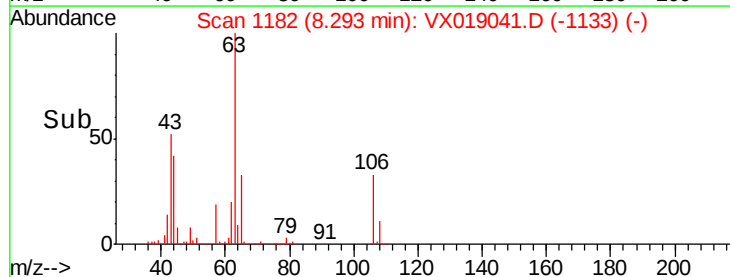
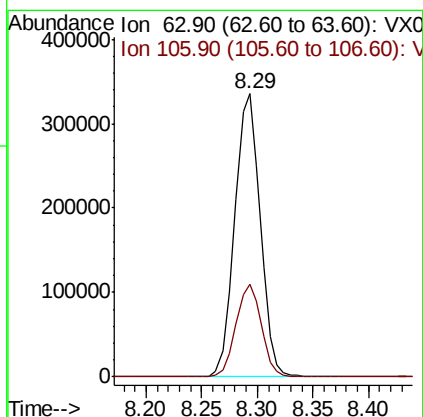
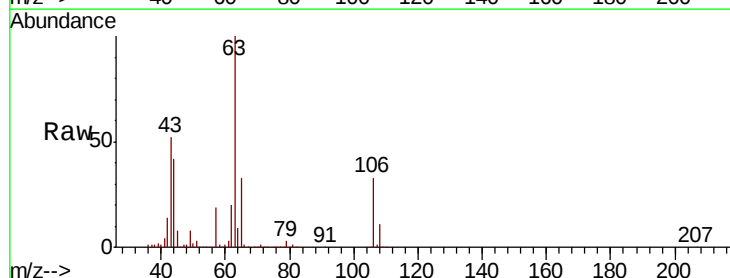
Acq: 22 Oct 2020 20:29

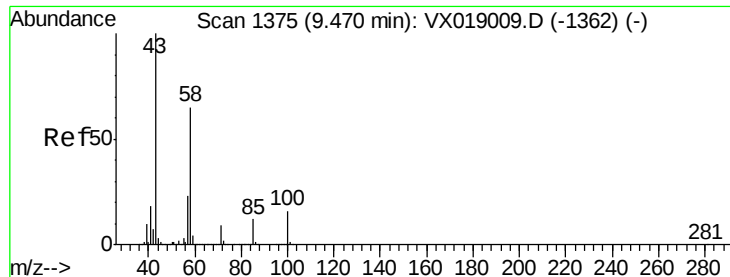
Tgt Ion: 63 Resp: 531054

Ion Ratio Lower Upper

63 100

106 32.6 26.0 39.0

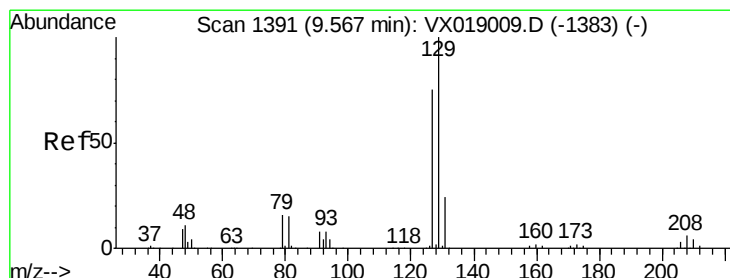
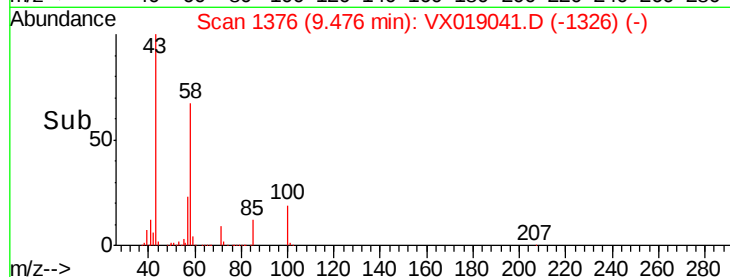
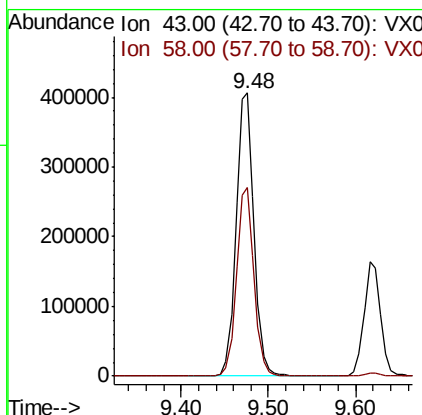
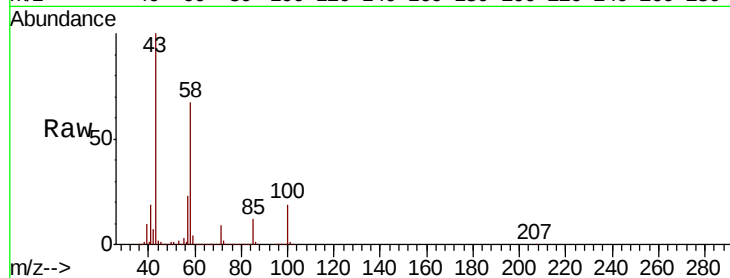




#59
2-Hexanone
Concen: 251.572 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

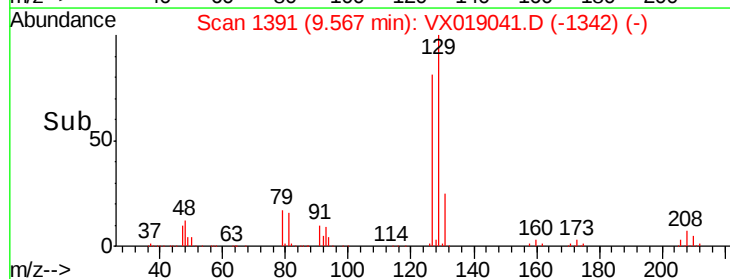
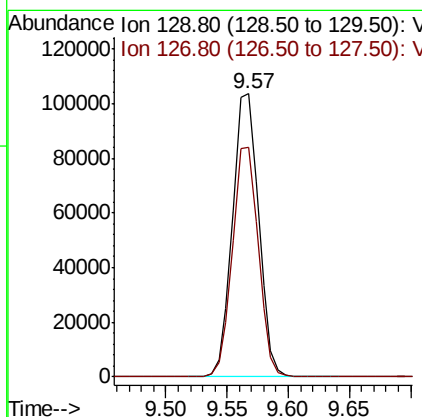
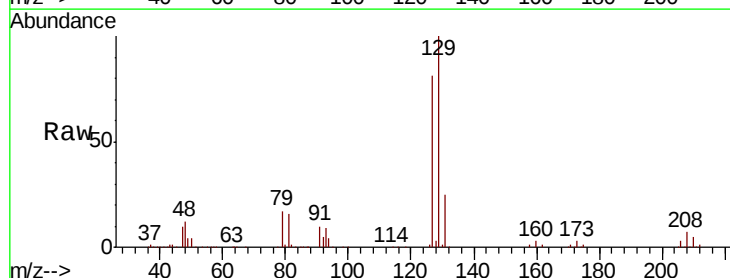
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

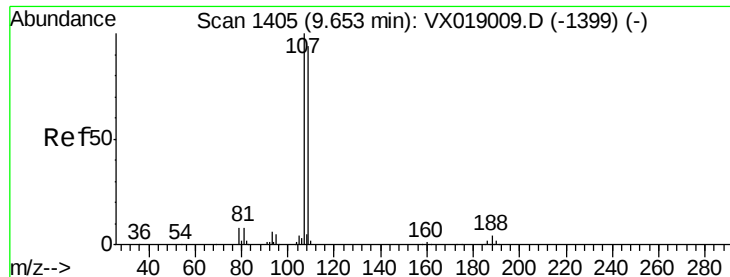
Tot Ion: 43 Resp: 577859
Ion Ratio Lower Upper
43 100
58 65.6 32.8 98.4



#60
Dibromochloromethane
Concen: 48.858 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 129 Resp: 152811
Ion Ratio Lower Upper
129 100
127 80.7 38.6 115.7

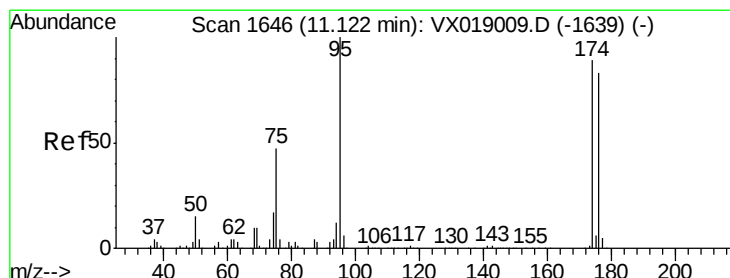
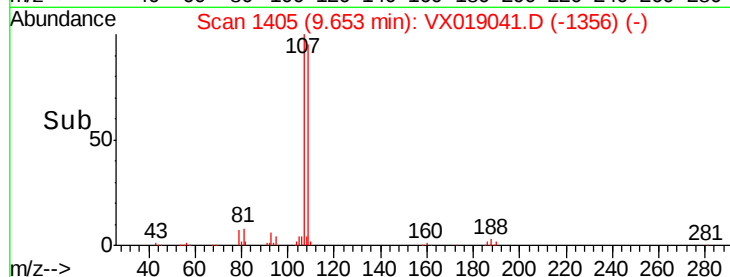
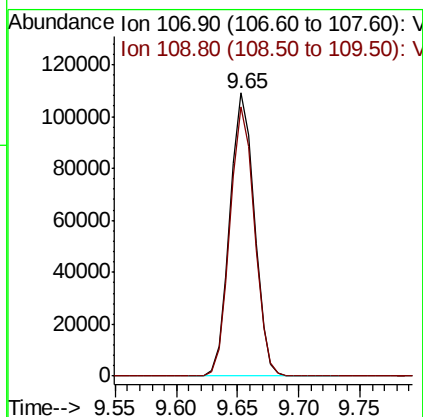
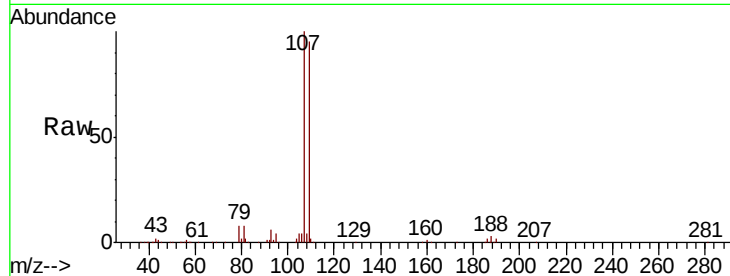




#61
 1,2-Dibromoethane
 Concen: 49.154 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

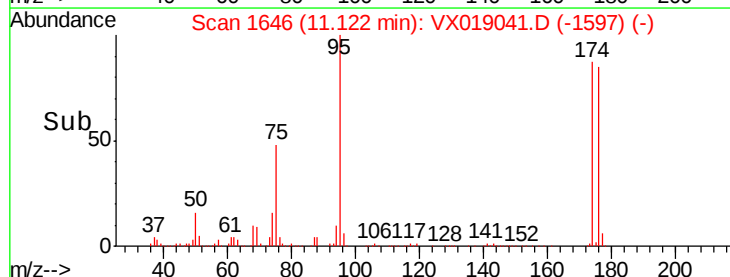
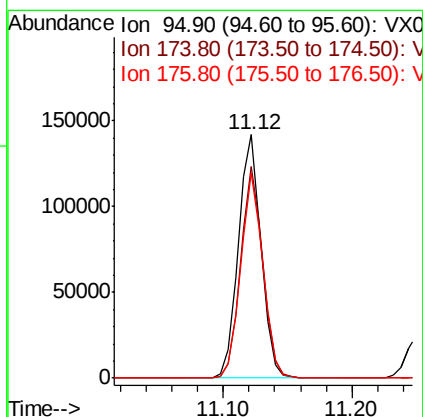
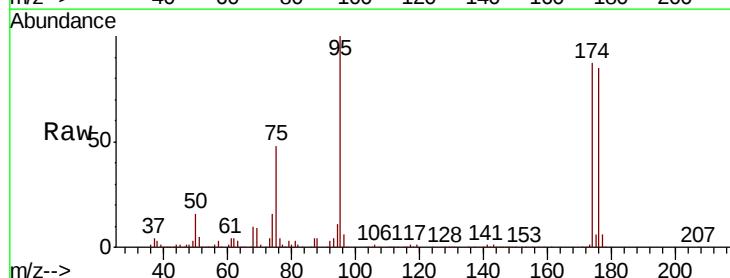
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

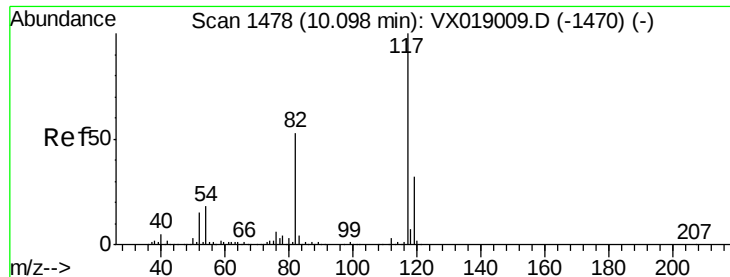
Tot Ion:107 Resp: 150916
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.973 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion: 95 Resp: 173199
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 167.6
 176 82.3 0.0 165.2

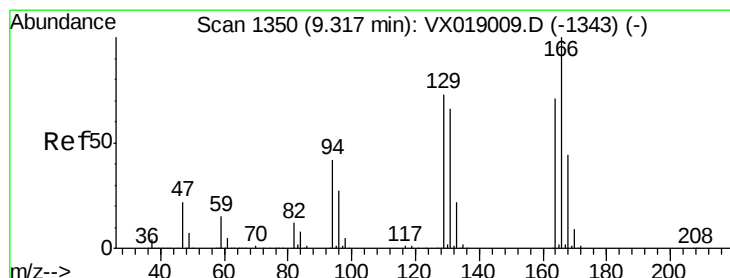
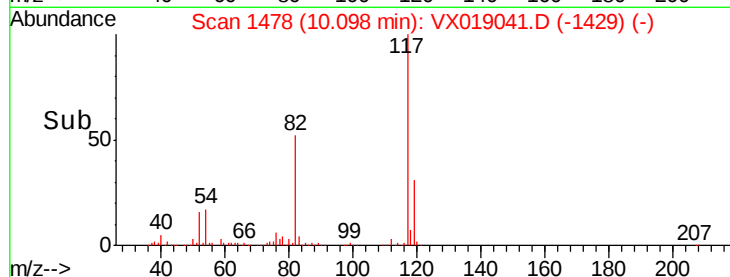
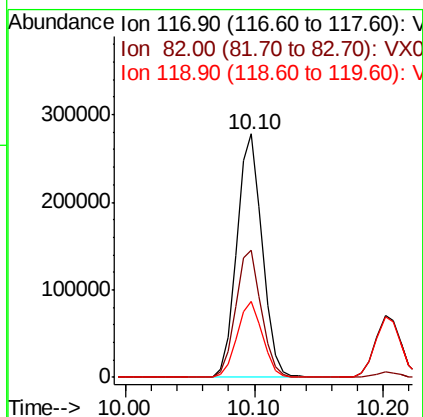
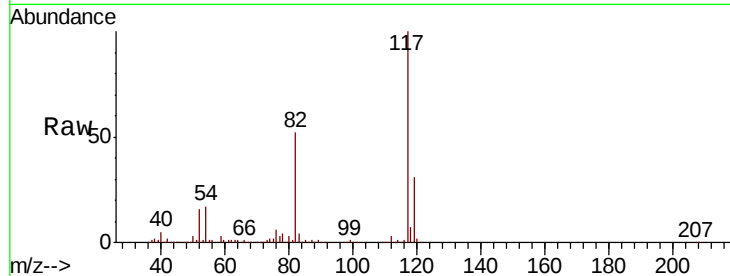




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

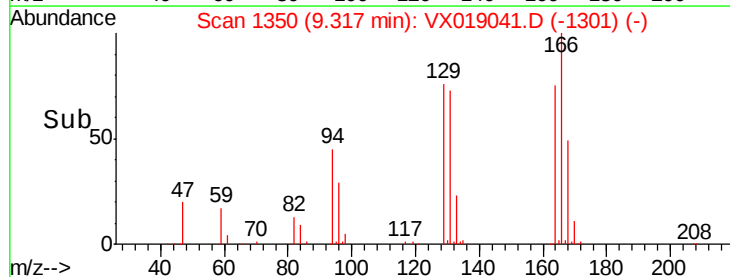
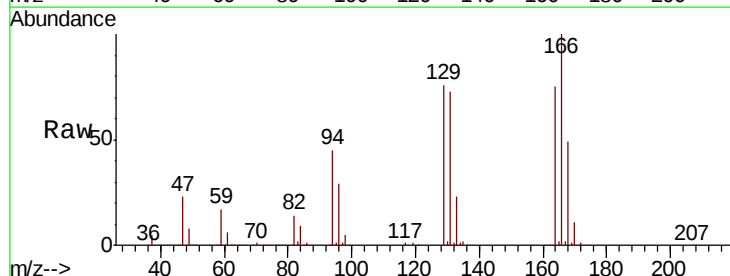
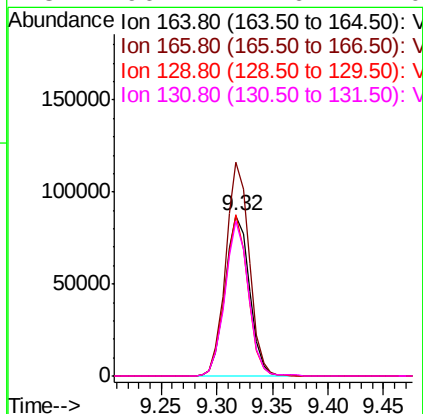
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

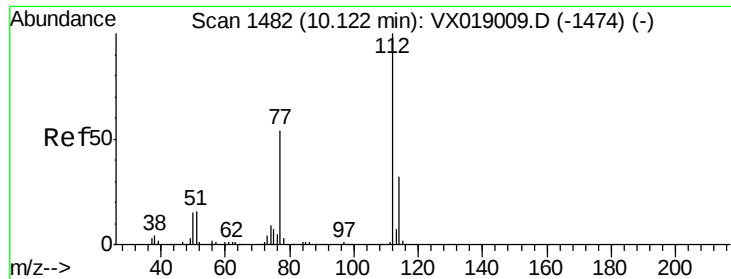
Tot Ion:117 Resp: 378256
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: 45.912 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion:164 Resp: 132221
Ion Ratio Lower Upper
164 100
166 133.2 112.2 168.4
129 100.9 81.8 122.8
131 96.7 74.6 112.0

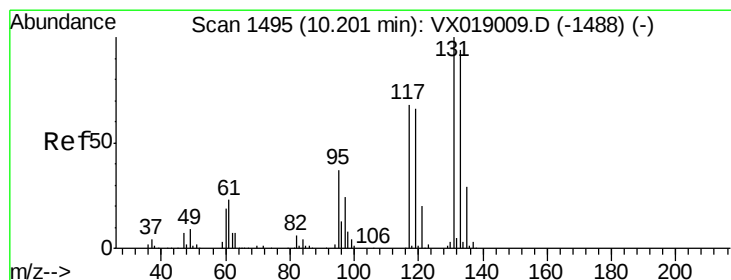
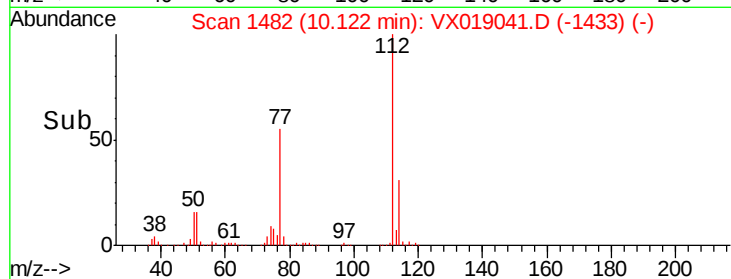
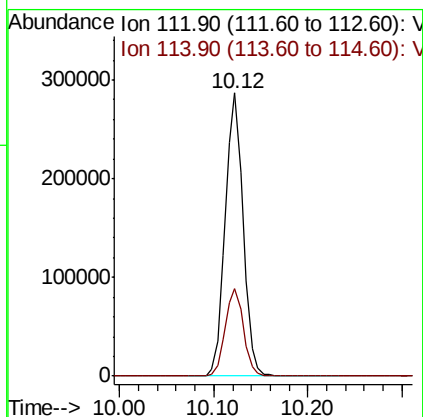
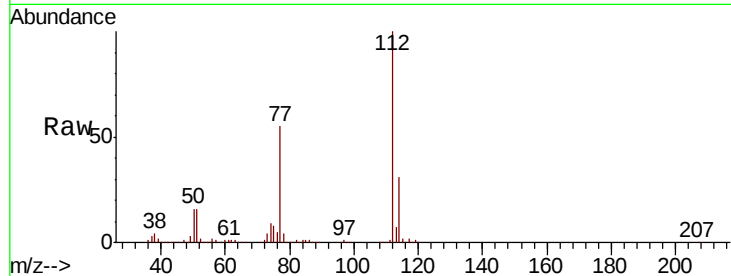




#65
Chlorobenzene
Concen: 47.808 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

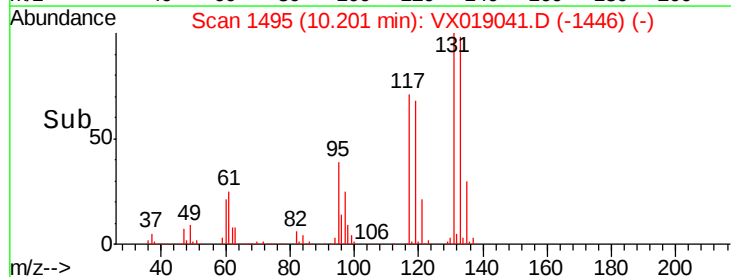
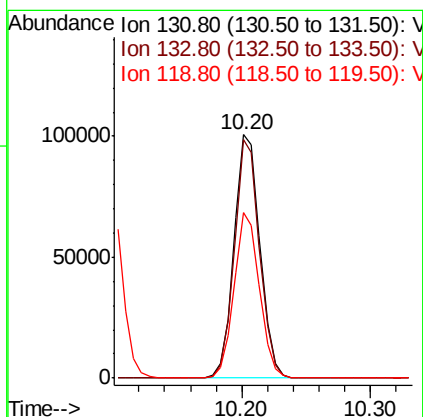
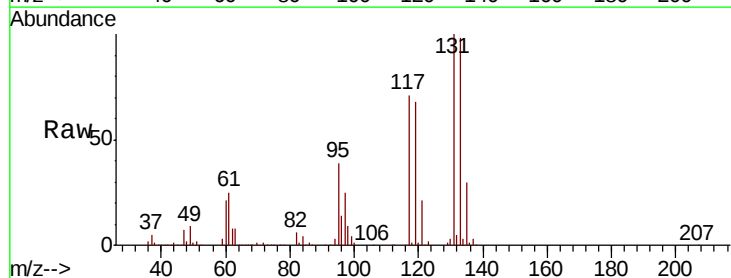
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

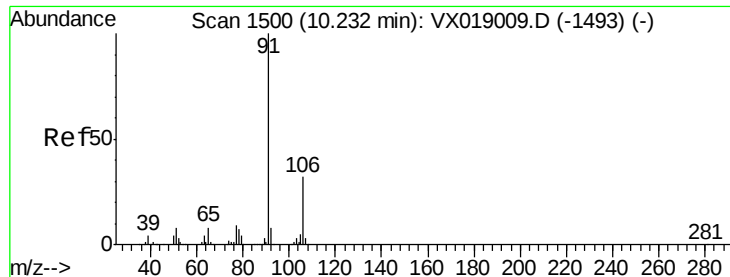
Tot Ion:112 Resp: 379322
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.854 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion:131 Resp: 140633
Ion Ratio Lower Upper
131 100
133 95.5 47.0 141.2
119 66.8 32.9 98.7

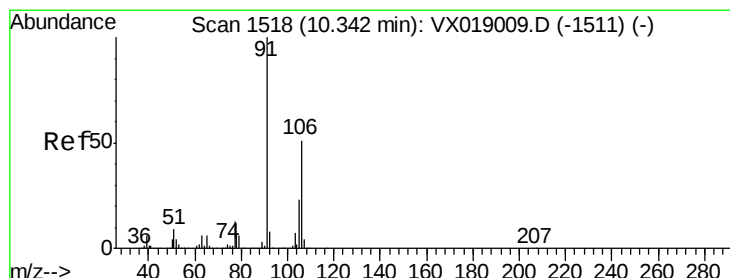
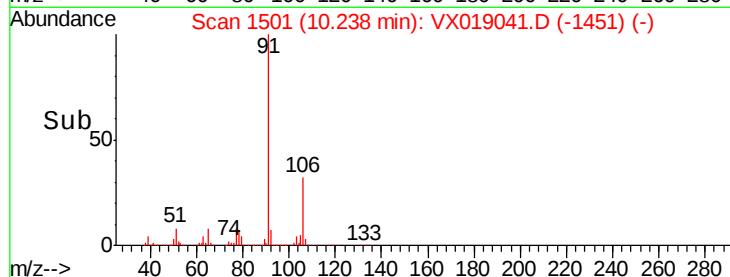
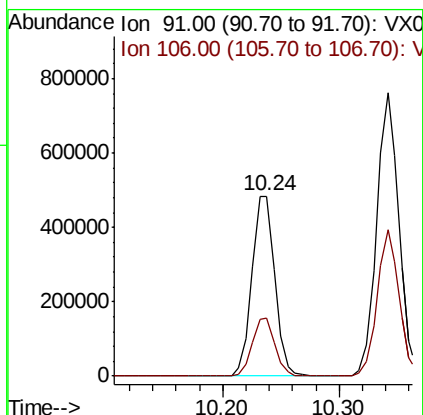
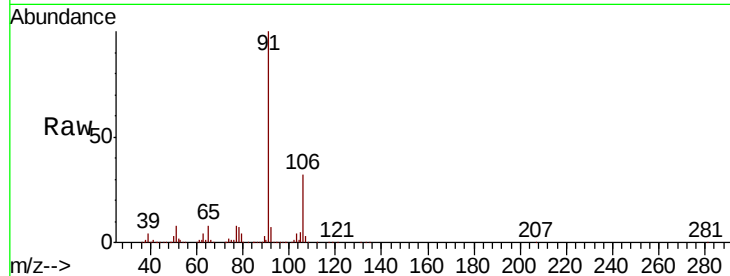




#67
Ethyl Benzene
Concen: 48.809 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

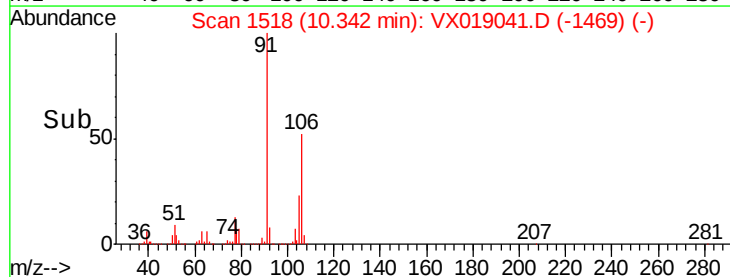
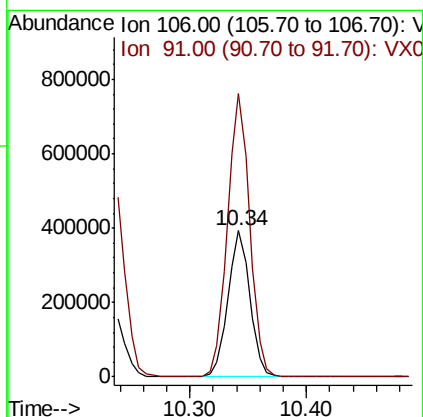
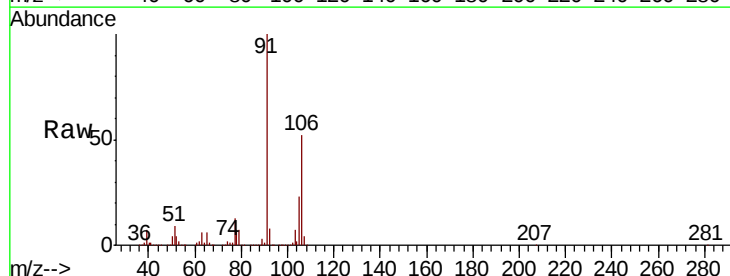
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

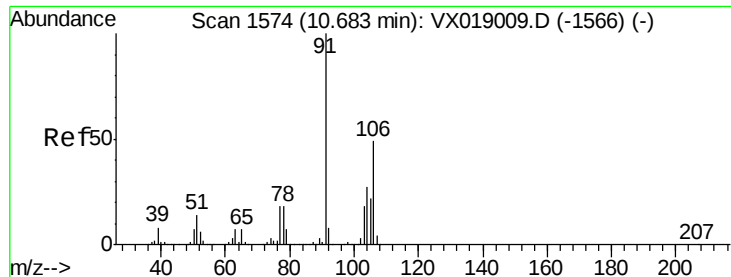
Tot Ion: 91 Resp: 667537
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 98.339 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 106 Resp: 515198
Ion Ratio Lower Upper
106 100
91 195.9 156.9 235.3

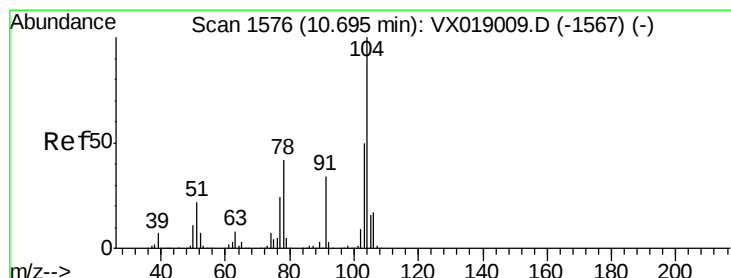
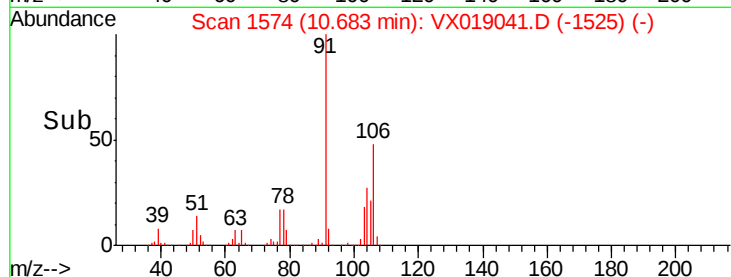
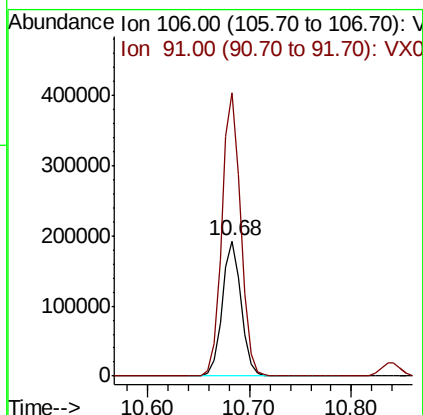
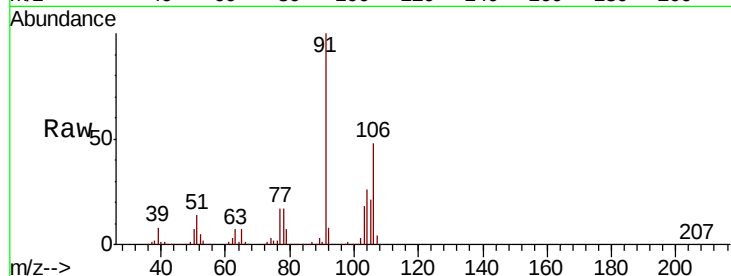




#69
o-Xylene
Concen: 49.283 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

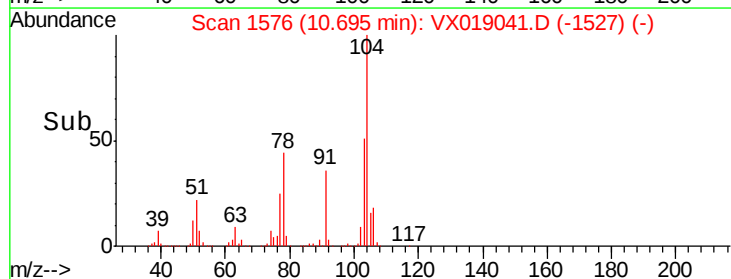
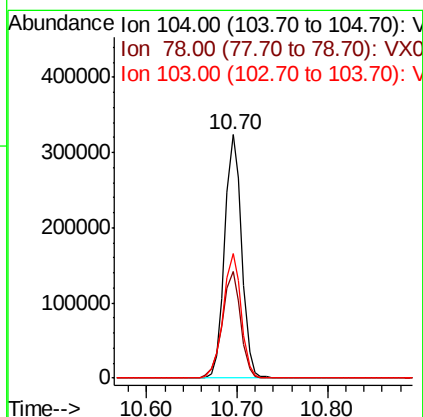
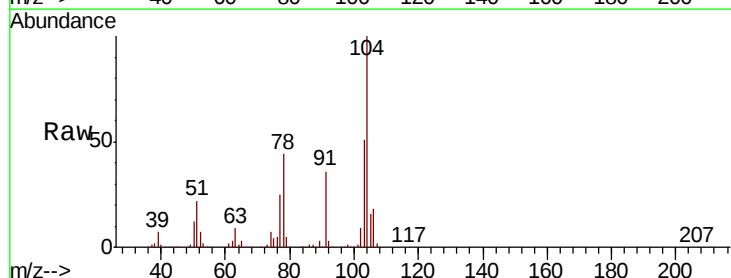
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

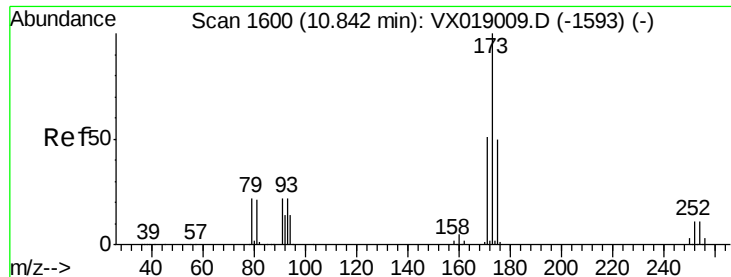
Tot Ion:106 Resp: 247108
Ion Ratio Lower Upper
106 100
91 209.4 104.0 312.0



#70
Styrene
Concen: 49.593 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion:104 Resp: 422182
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 54.5 43.5 65.3





#71

Bromoform

Concen: 49.413 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

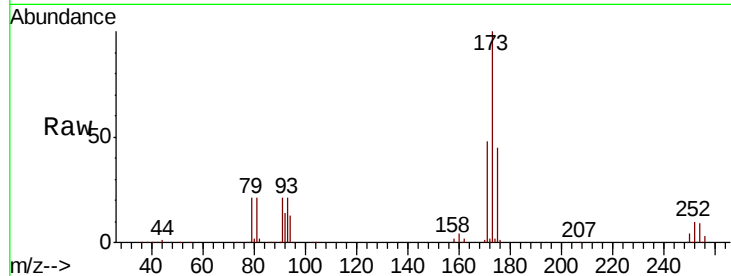
Tot Ion:173 Resp: 112523

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

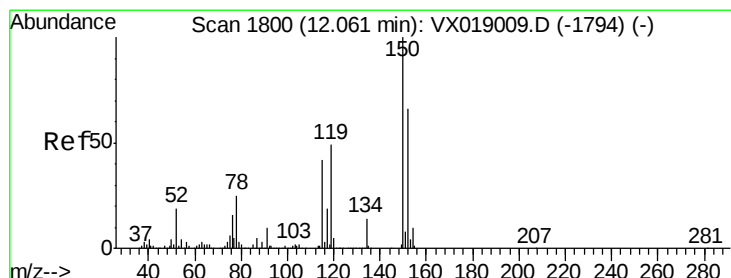
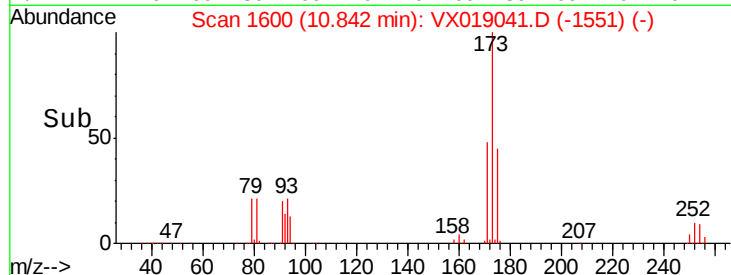
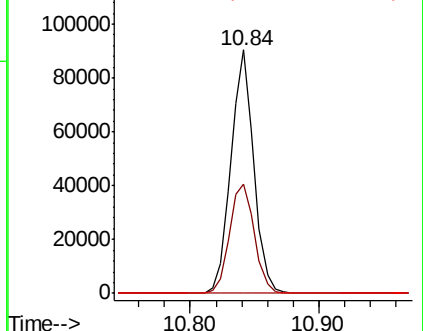
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

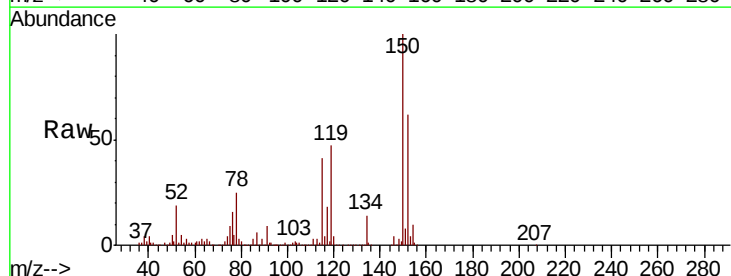
Tgt Ion:152 Resp: 192454

Ion Ratio Lower Upper

152 100

115 80.4 40.8 122.5

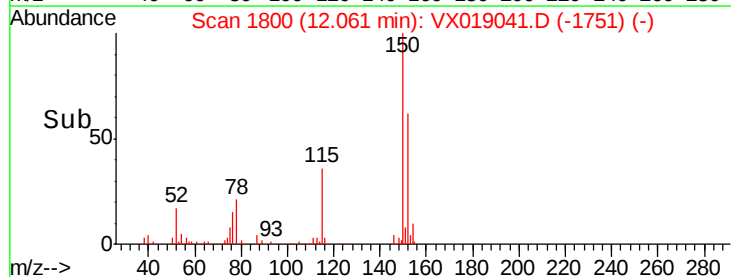
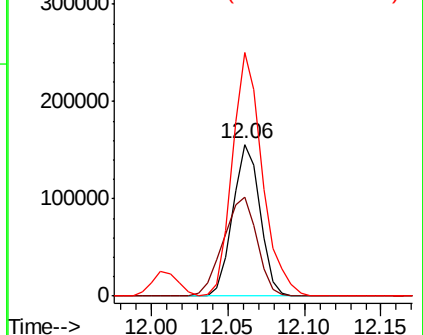
150 176.4 0.0 345.6

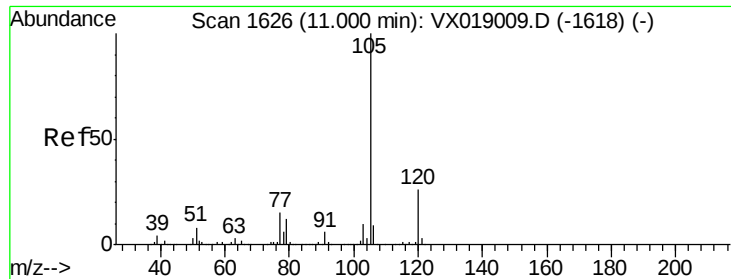


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.330 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

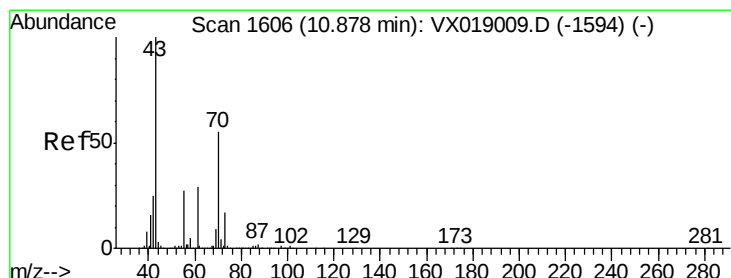
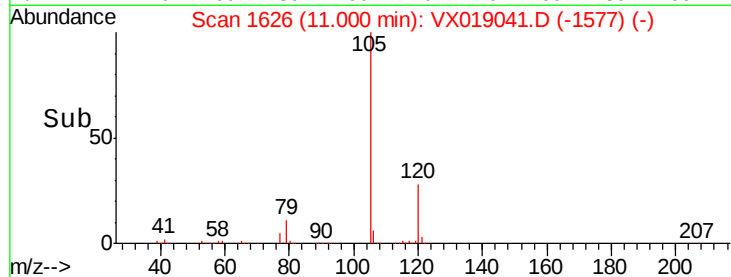
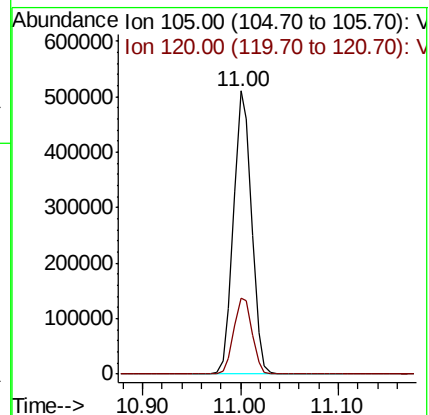
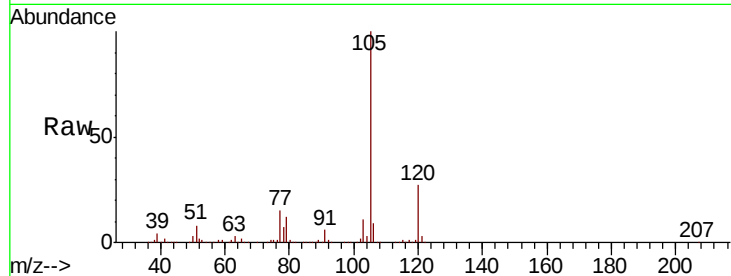
VSTDCCC050EC

Tot Ion:105 Resp: 655268

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 49.501 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Tgt Ion: 43 Resp: 219578

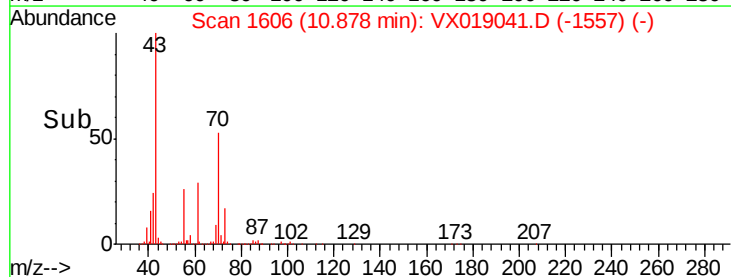
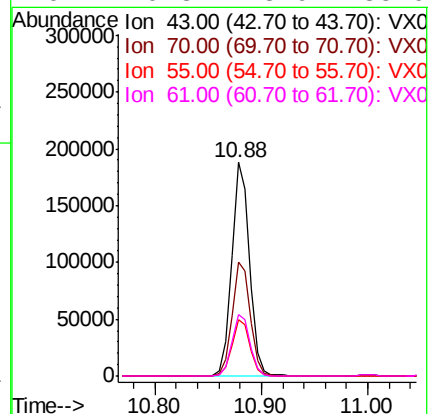
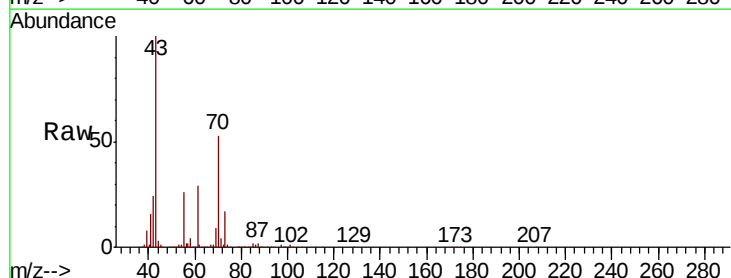
Ion Ratio Lower Upper

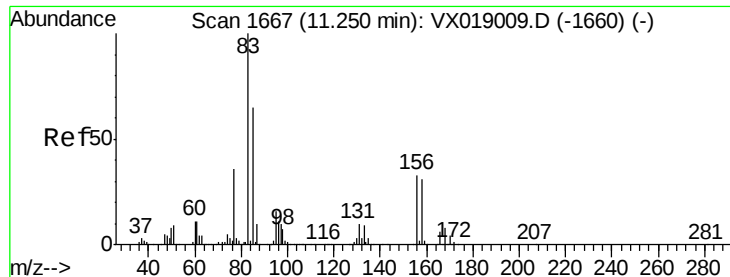
43 100

70 54.4 44.5 66.7

55 26.9 21.9 32.9

61 29.3 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.163 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

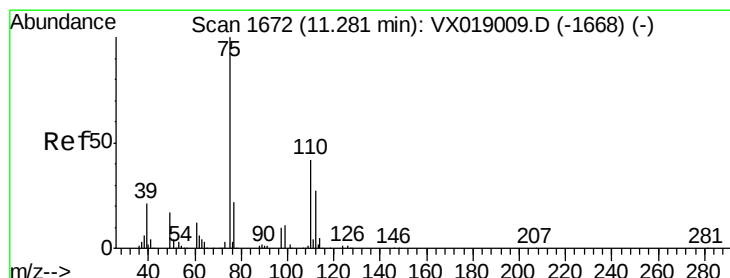
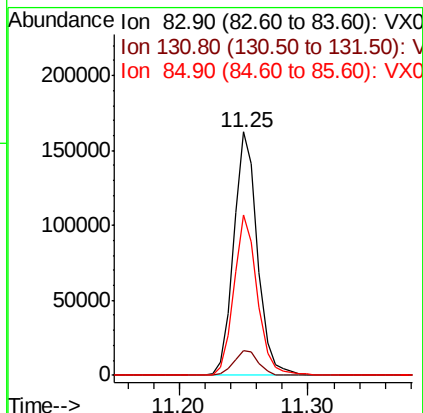
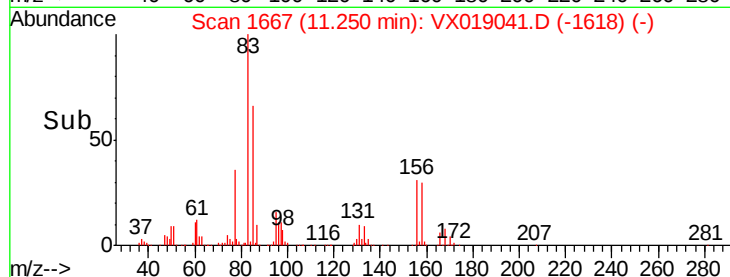
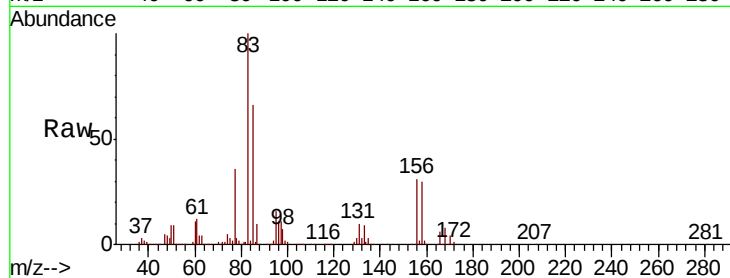
Tot Ion: 83 Resp: 209219

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 62.486 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019041.D

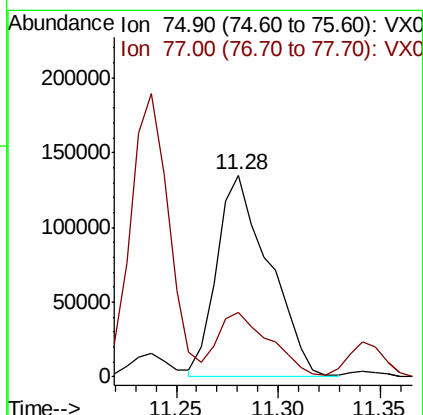
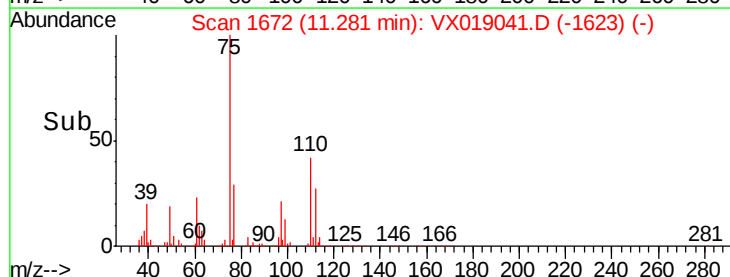
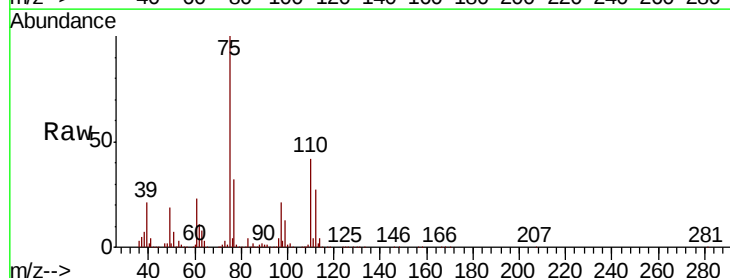
Acq: 22 Oct 2020 20:29

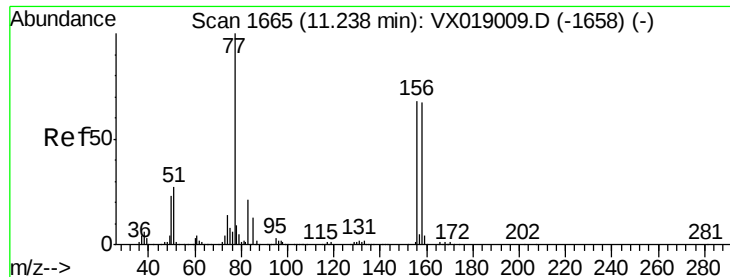
Tgt Ion: 75 Resp: 240359

Ion Ratio Lower Upper

75 100

77 32.1 20.7 62.1





#77

Bromobenzene

Concen: 47.040 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

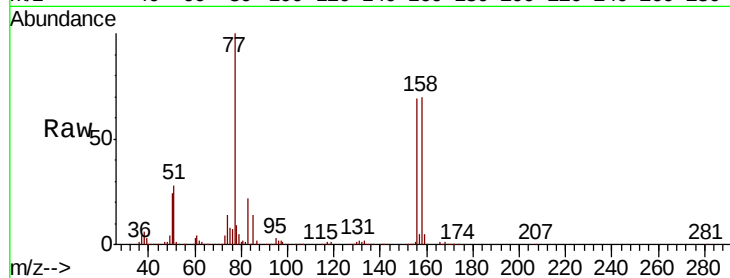
Tot Ion:156 Resp: 164474

Ion Ratio Lower Upper

156 100

77 150.0 74.4 223.1

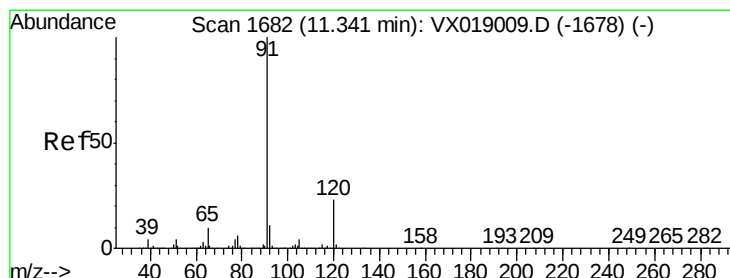
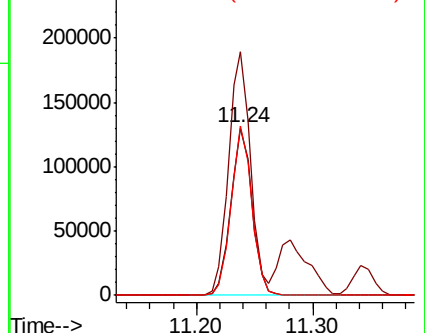
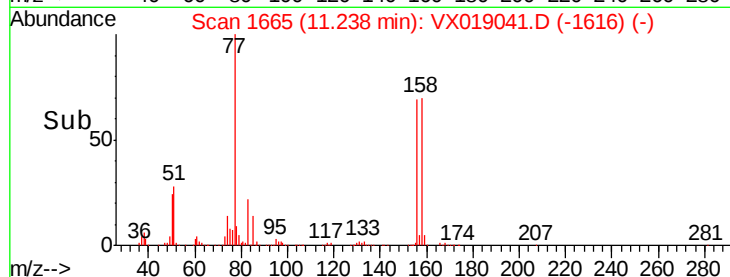
158 99.0 48.8 146.3



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: 47.255 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019041.D

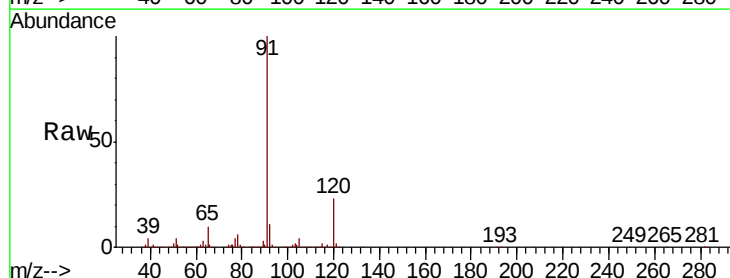
Acq: 22 Oct 2020 20:29

Tgt Ion: 91 Resp: 741326

Ion Ratio Lower Upper

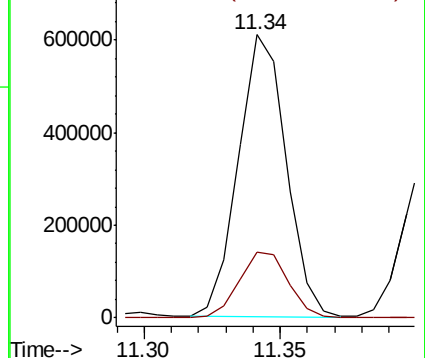
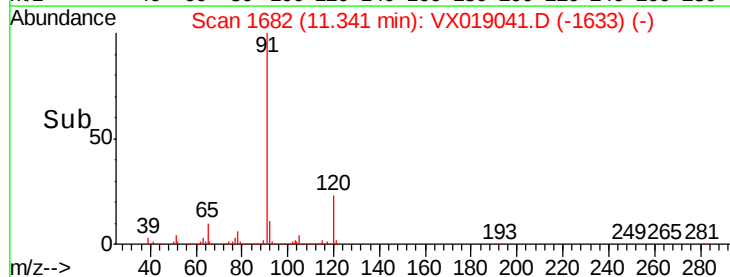
91 100

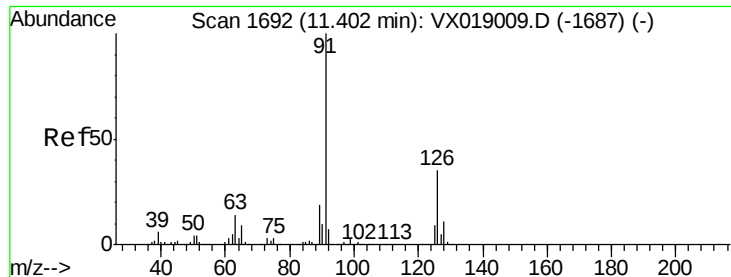
120 24.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.849 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

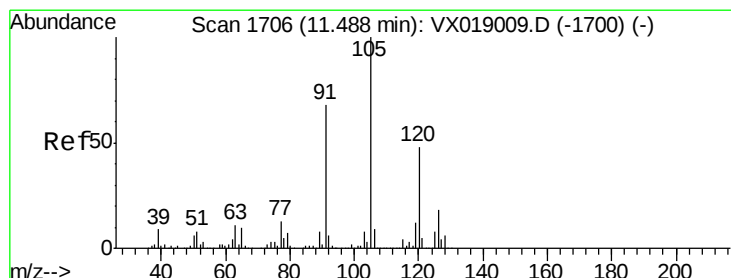
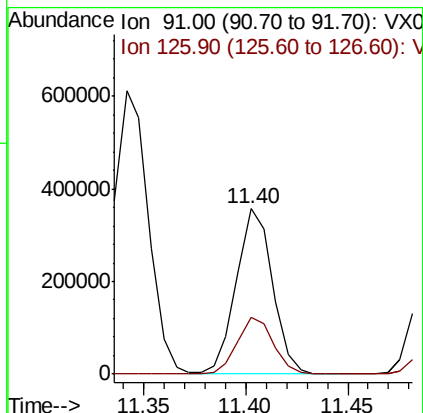
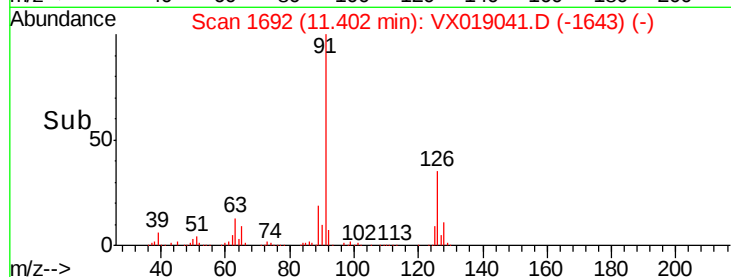
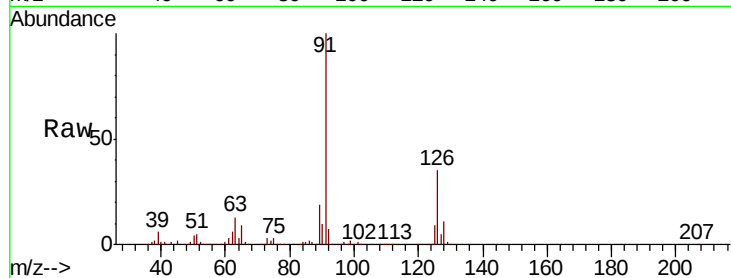
VSTDCCC050EC

Tot Ion: 91 Resp: 437912

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 47.962 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019041.D

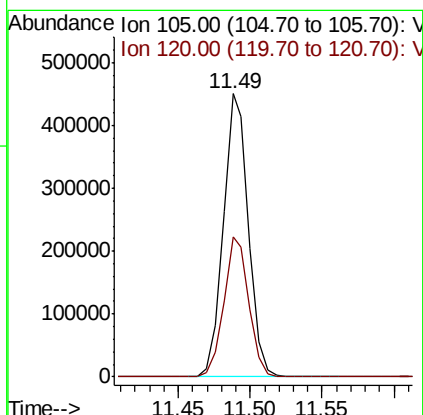
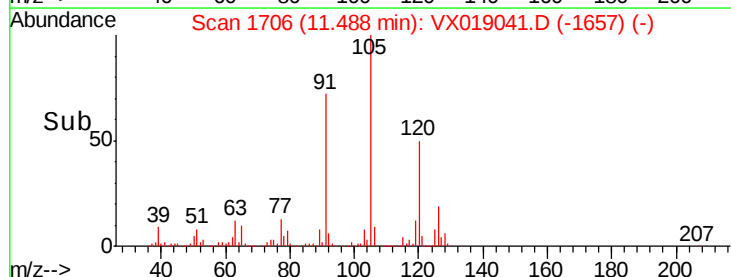
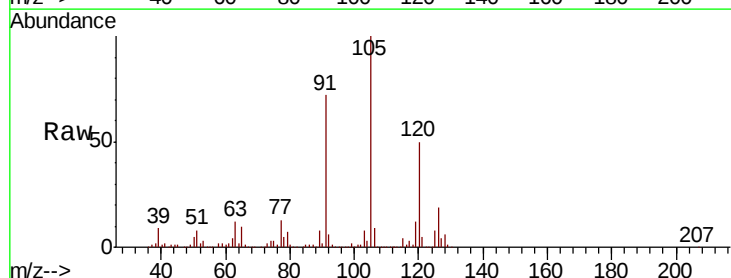
Acq: 22 Oct 2020 20:29

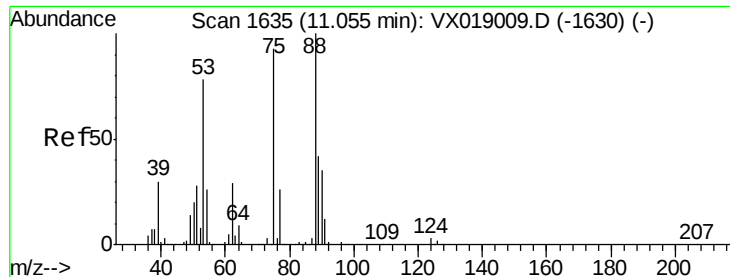
Tgt Ion: 105 Resp: 548343

Ion Ratio Lower Upper

105 100

120 49.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 44.608 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

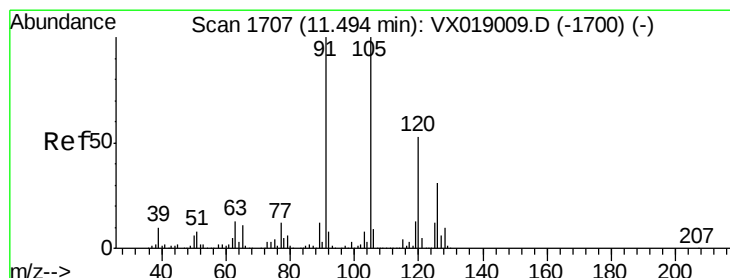
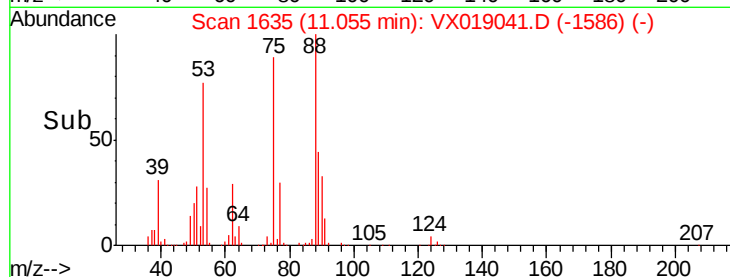
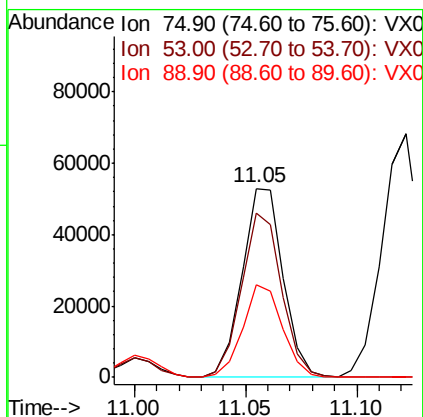
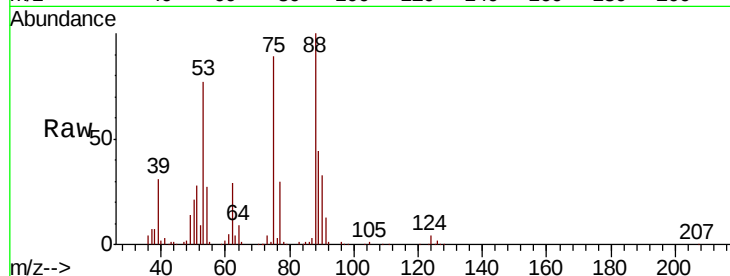
Tot Ion: 75 Resp: 67349

Ion Ratio Lower Upper

75 100

53 86.9 67.4 101.2

89 48.0 37.2 55.8



#82

4-Chlorotoluene

Concen: 47.892 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019041.D

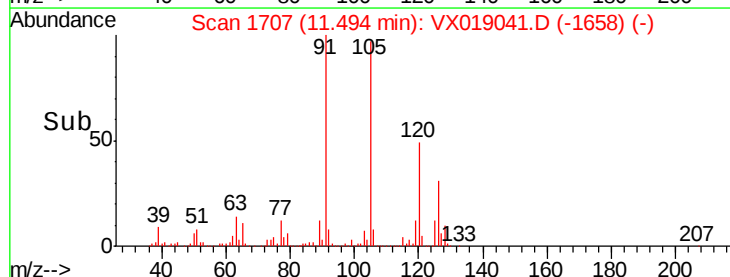
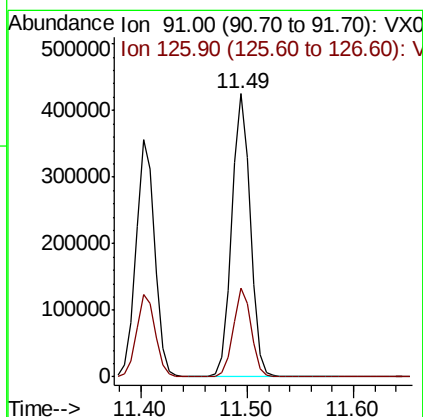
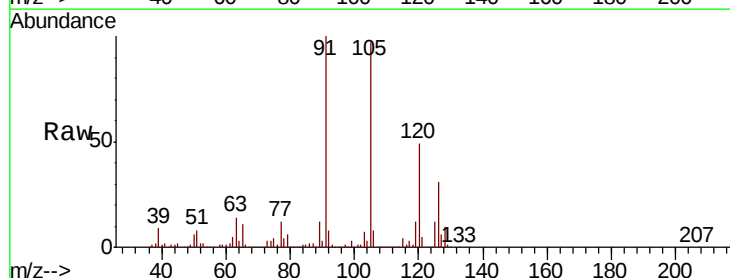
Acq: 22 Oct 2020 20:29

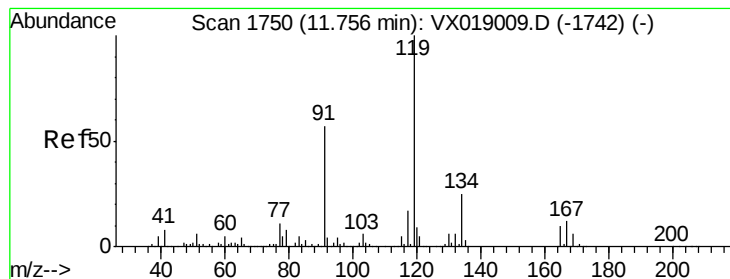
Tgt Ion: 91 Resp: 521534

Ion Ratio Lower Upper

91 100

126 30.5 15.6 46.7





#83

tert-Butylbenzene

Concen: 47.848 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

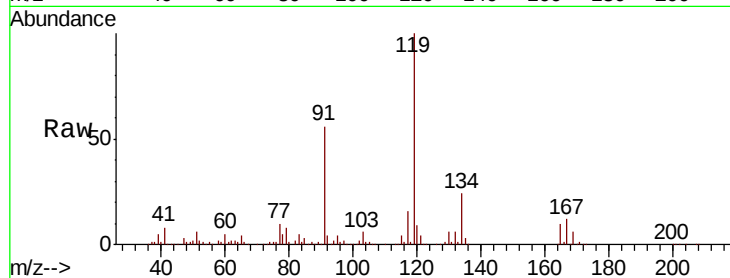
Tot Ion:119 Resp: 538892

Ion Ratio Lower Upper

119 100

91 55.6 28.1 84.4

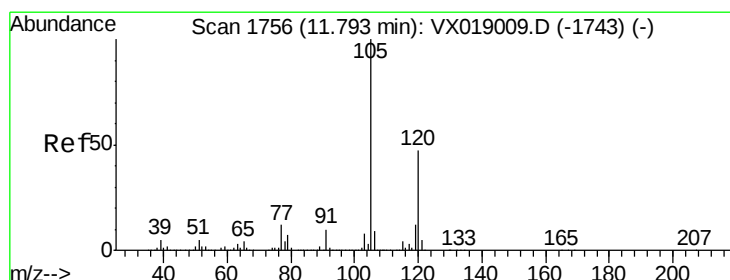
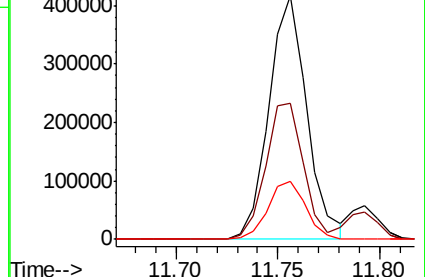
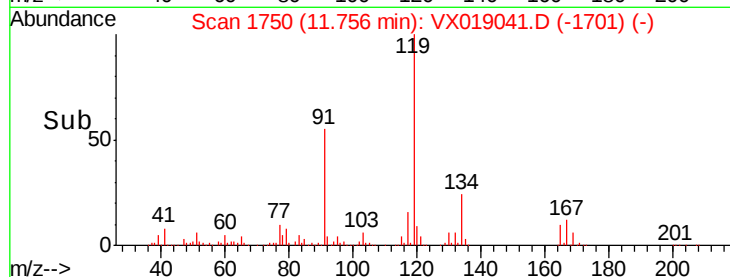
134 23.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.163 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019041.D

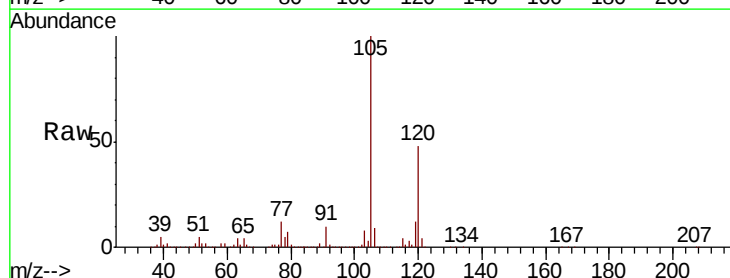
Acq: 22 Oct 2020 20:29

Tgt Ion:105 Resp: 551381

Ion Ratio Lower Upper

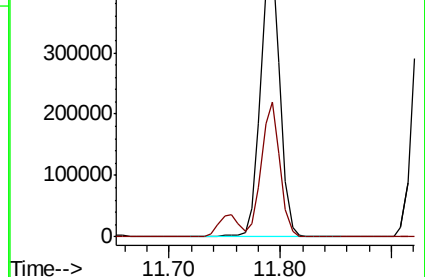
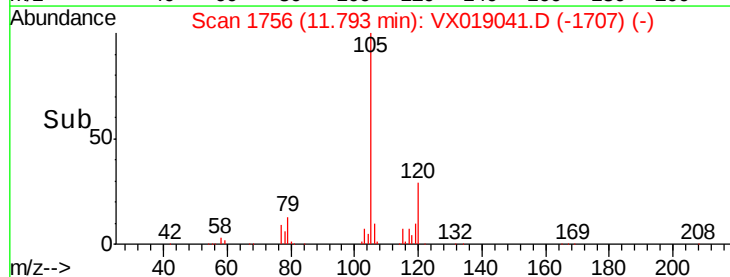
105 100

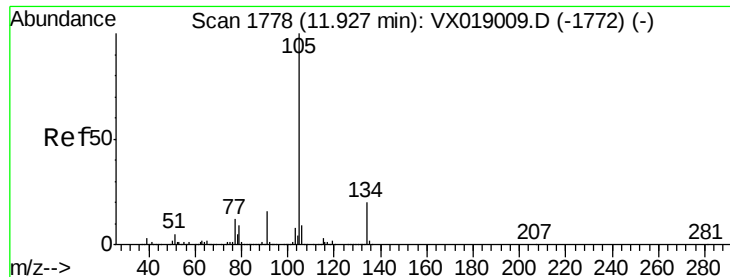
120 46.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.286 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

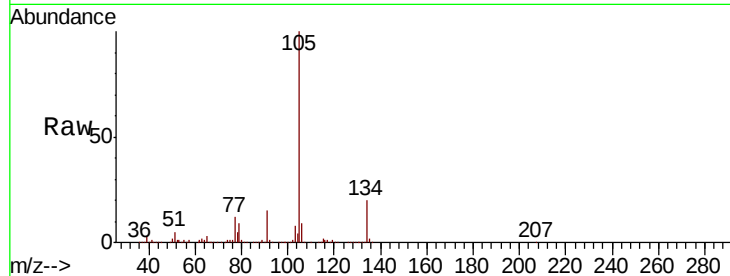
VSTDCCC050EC

Tot Ion:105 Resp: 644456

Ion Ratio Lower Upper

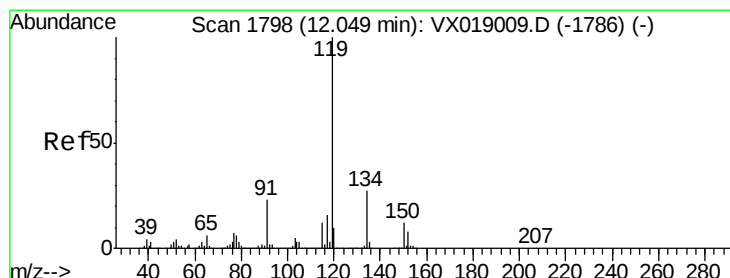
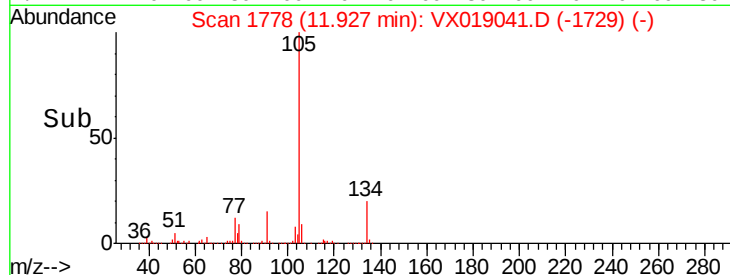
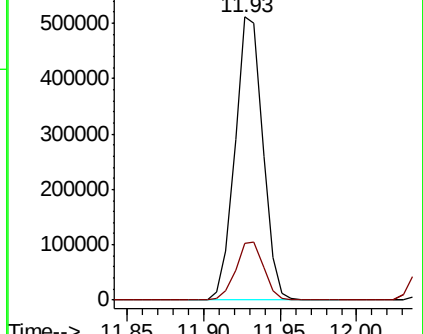
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.174 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

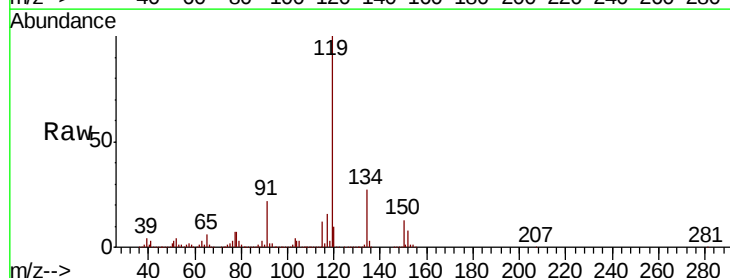
Tgt Ion:119 Resp: 587454

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

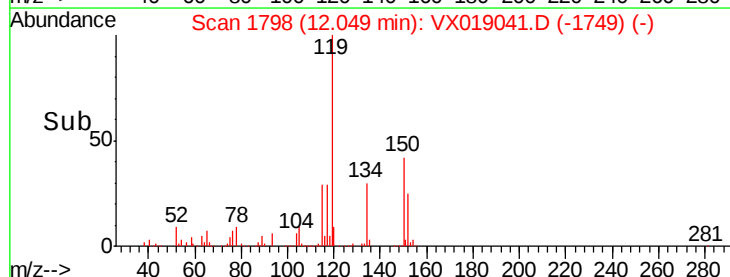
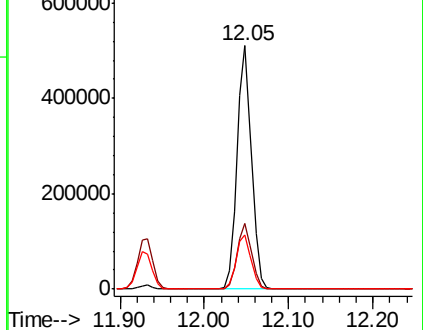
91 22.8 11.4 34.2

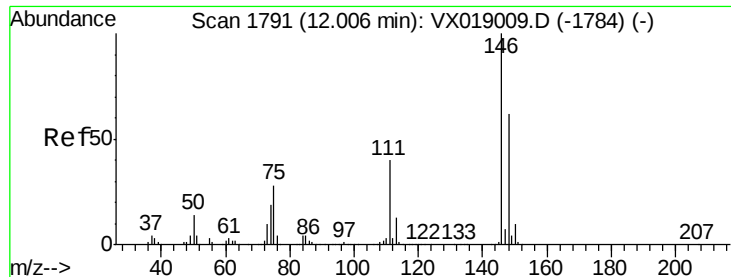


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

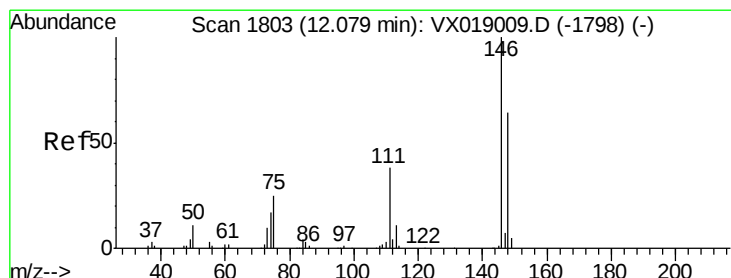
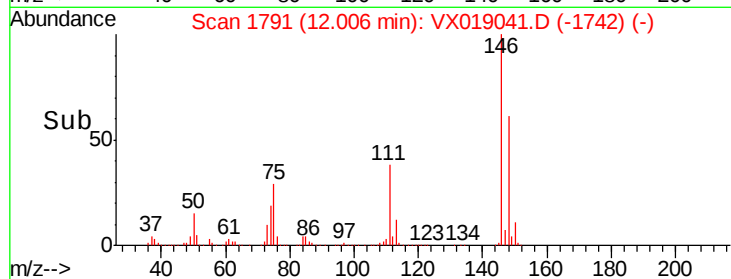
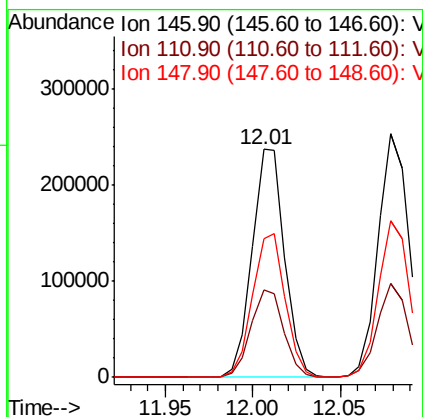
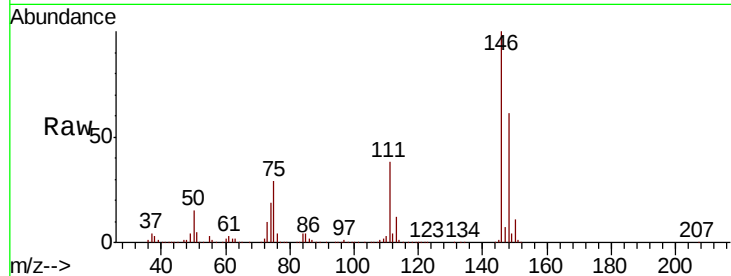




#87
 1,3-Dichlorobenzene
 Concen: 47.797 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

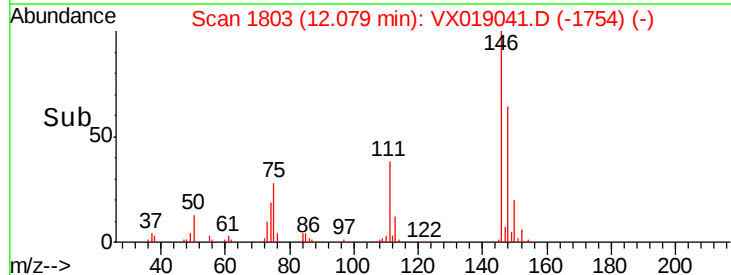
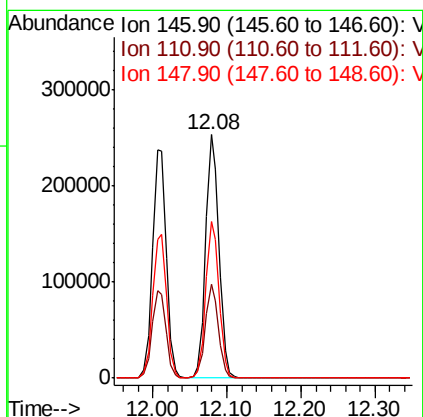
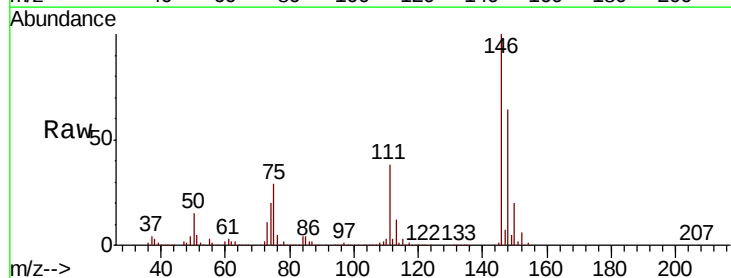
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

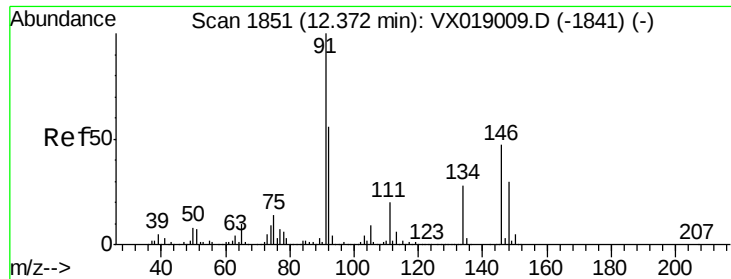
Tot Ion:146 Resp: 306567
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 63.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.209 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion:146 Resp: 310739
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 64.2 32.2 96.6

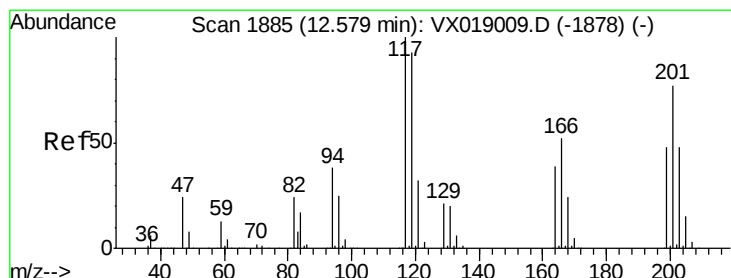
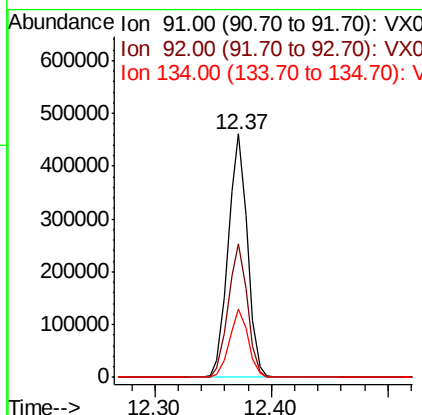
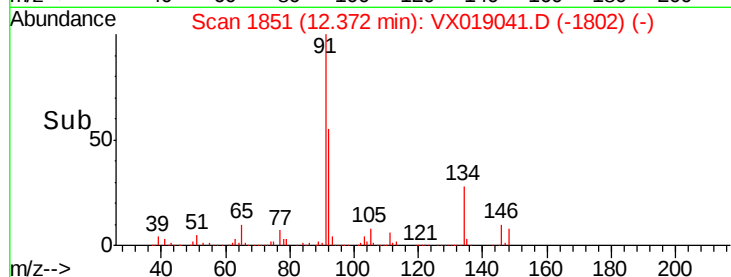
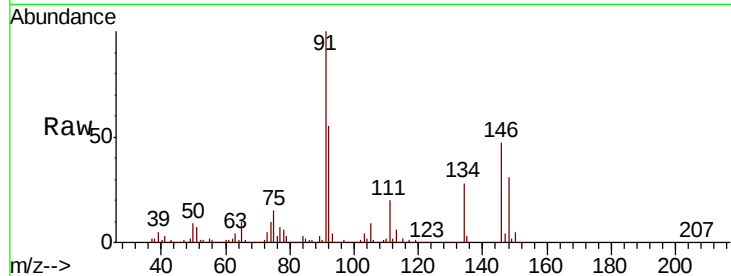




#89
n-Butylbenzene
Concen: 46.278 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

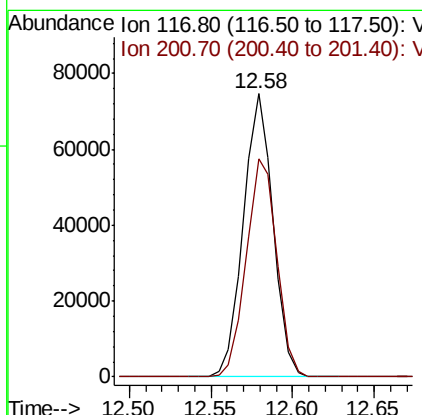
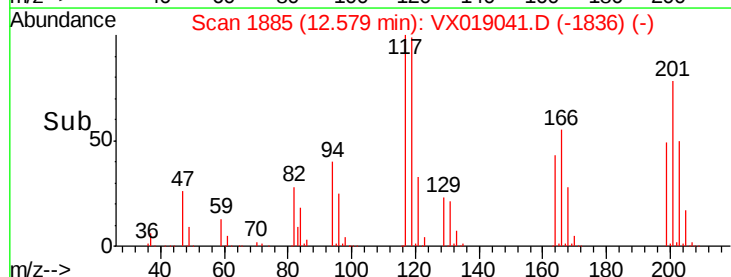
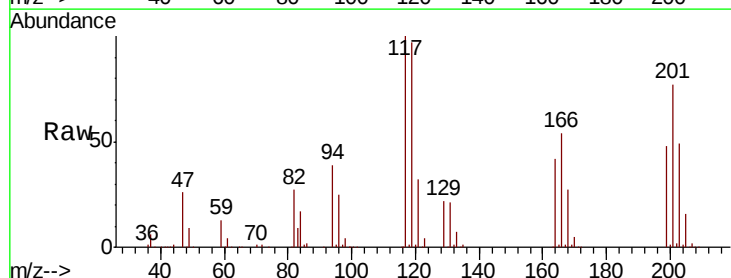
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

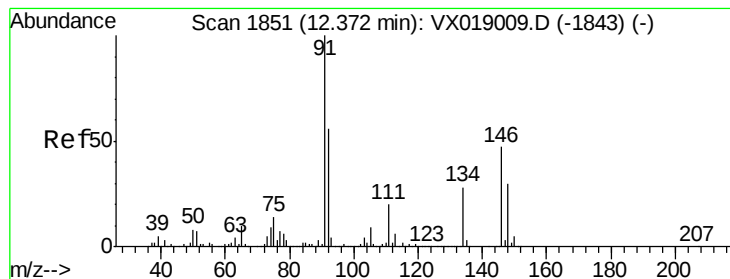
Tot Ion: 91 Resp: 527508
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 49.772 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019041.D
Acq: 22 Oct 2020 20:29

Tgt Ion: 117 Resp: 94887
Ion Ratio Lower Upper
117 100
201 79.1 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 48.712 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

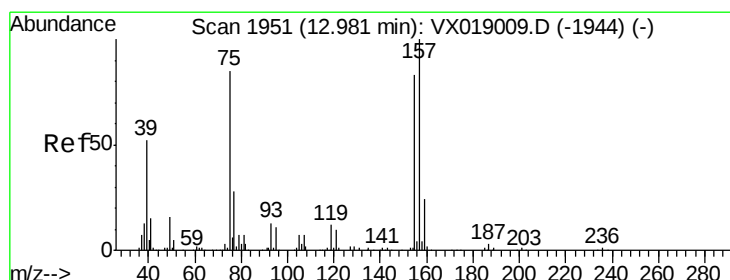
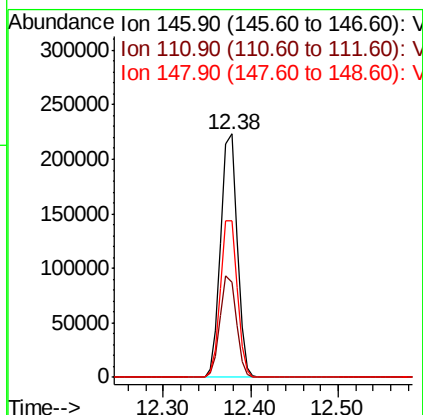
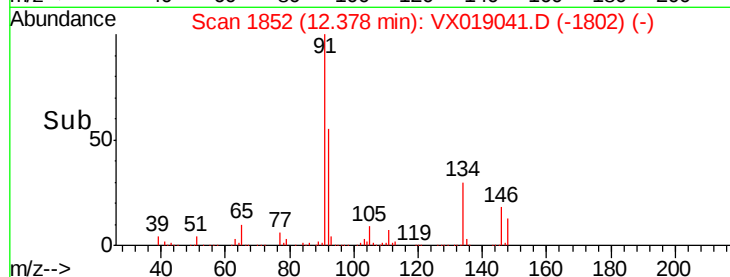
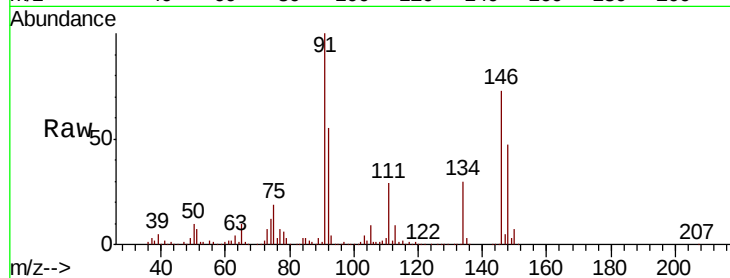
Tot Ion:146 Resp: 291305

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.7

148 65.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.302 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

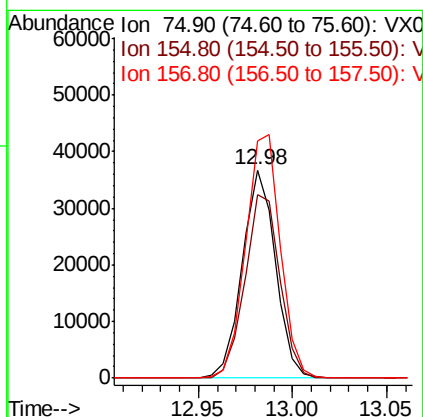
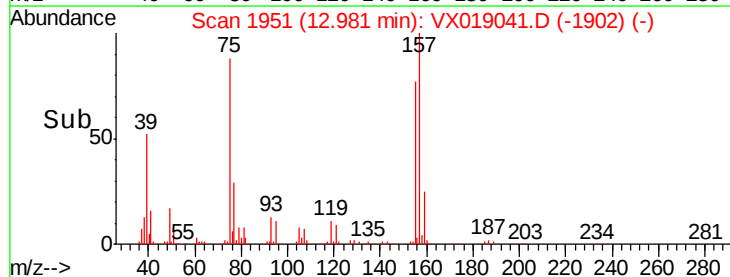
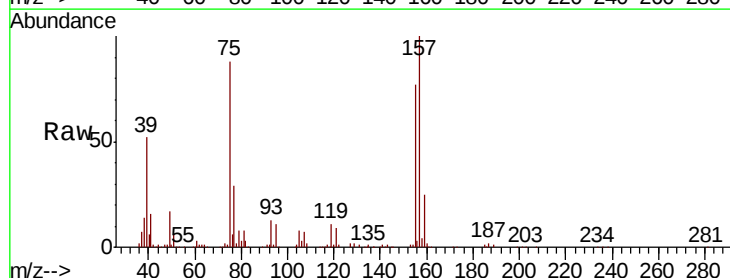
Tgt Ion: 75 Resp: 44923

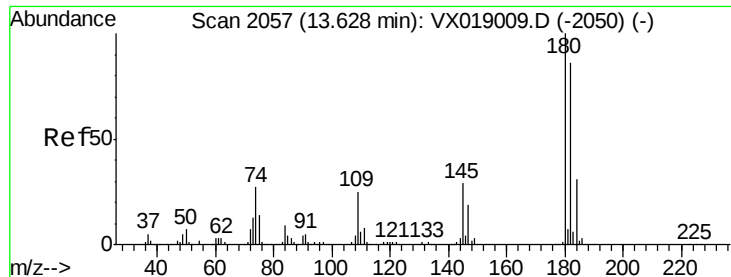
Ion Ratio Lower Upper

75 100

155 92.9 47.3 142.0

157 122.3 59.7 179.0

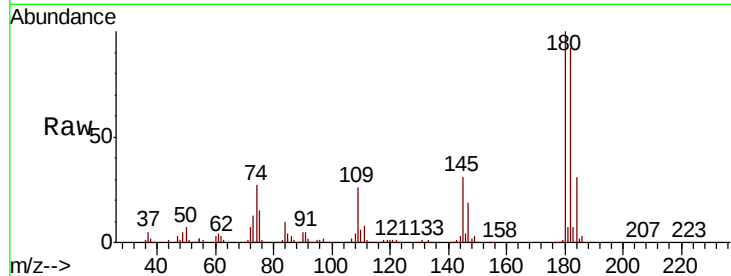




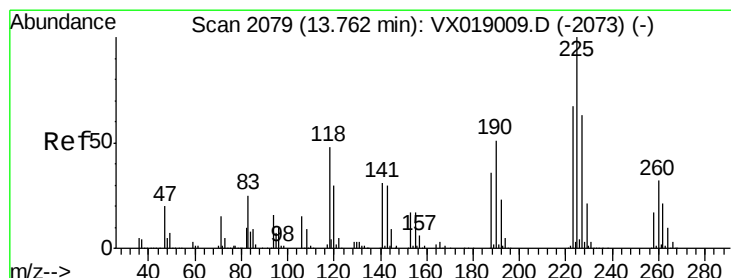
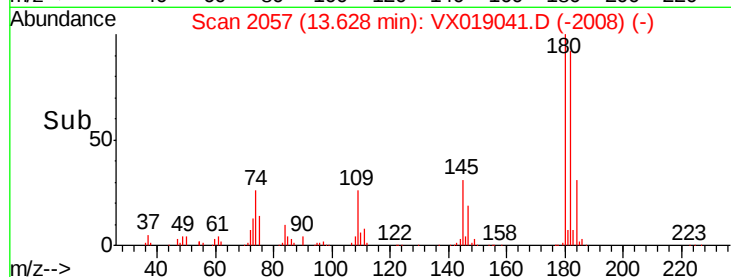
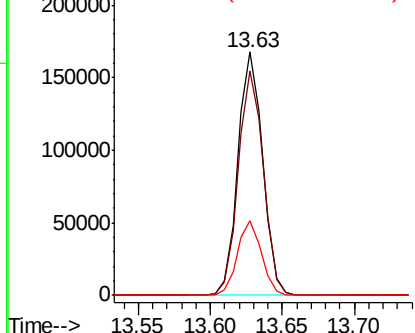
#93
 1,2,4-Trichlorobenzene
 Concen: 45.792 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 200344
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.4 139.2
 145 30.1 15.2 45.6

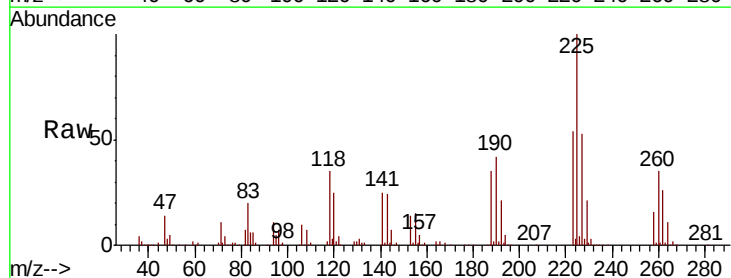


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

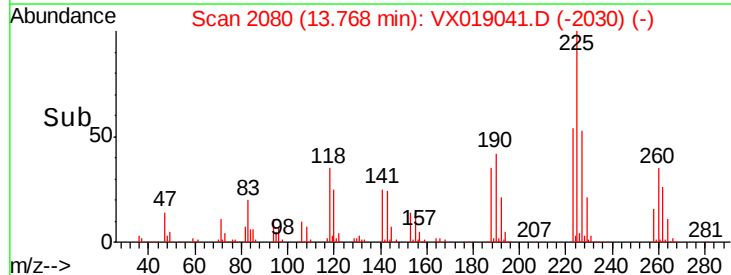
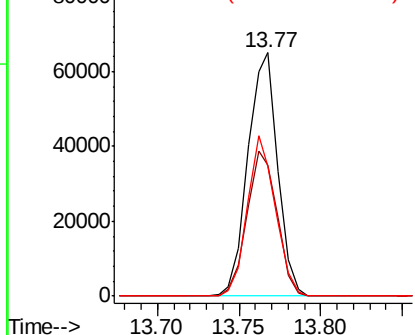


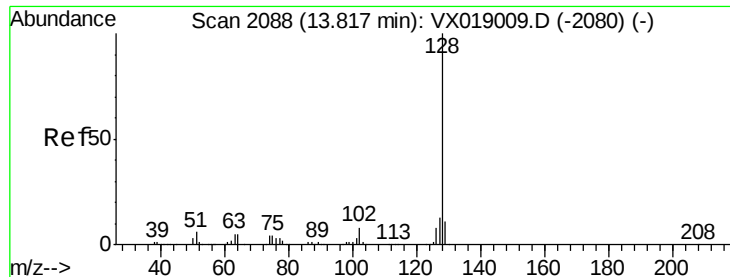
#94
 Hexachlorobutadiene
 Concen: 40.743 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019041.D
 Acq: 22 Oct 2020 20:29

Tgt Ion:225 Resp: 82641
 Ion Ratio Lower Upper
 225 100
 223 60.2 32.5 97.4
 227 62.4 31.9 95.7



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





#95

Naphthalene

Concen: 48.867 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

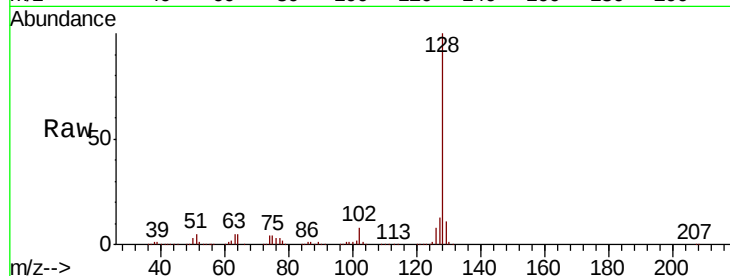
Tot Ion:128 Resp: 672688

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

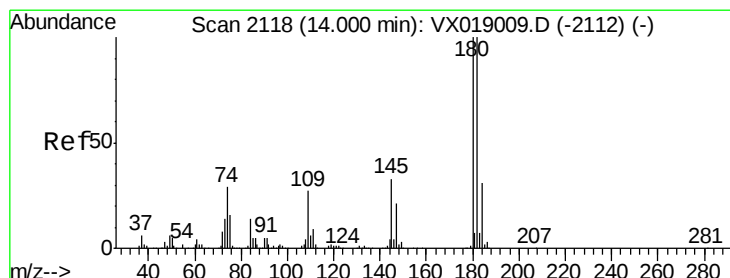
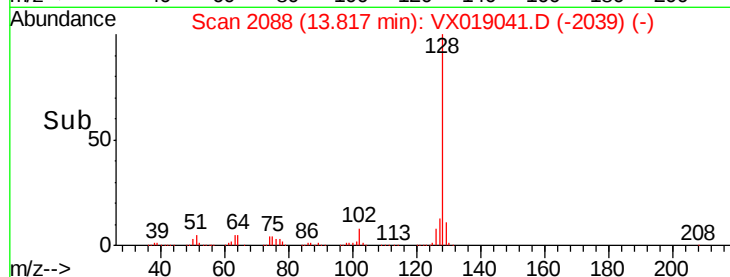
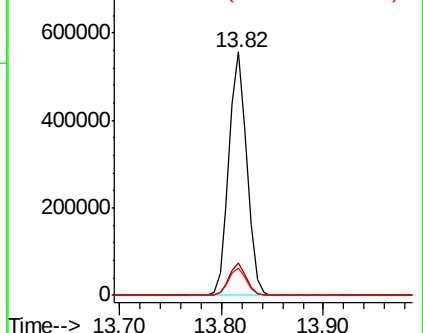
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.710 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019041.D

Acq: 22 Oct 2020 20:29

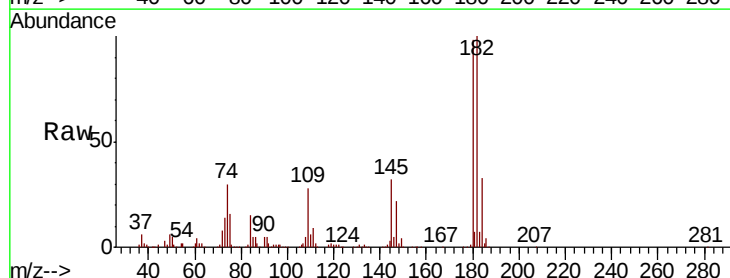
Tgt Ion:180 Resp: 190405

Ion Ratio Lower Upper

180 100

182 97.1 47.3 142.0

145 32.4 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

