

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019043.D
 Acq On : 22 Oct 2020 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 08:35:47 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	237743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190139	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	138365	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	5.47	113	122649	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	8.70	98	469177	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.12	95	170315	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	121346	51.242	ug/l	100
3) Chloromethane	1.31	50	111165	47.212	ug/l	100
4) Vinyl Chloride	1.39	62	137783	49.593	ug/l	100
5) Bromomethane	1.64	94	118321	46.470	ug/l	99
6) Chloroethane	1.71	64	94170	48.437	ug/l	99
7) Trichlorofluoromethane	1.92	101	230564	49.109	ug/l	98
8) Diethyl Ether	2.17	74	88564	48.175	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	110294	49.588	ug/l	99
10) Methyl Iodide	2.50	142	124495	40.677	ug/l	99
11) Tert butyl alcohol	3.03	59	139533	241.922	ug/l	100
12) 1,1-Dichloroethene	2.36	96	112872	48.778	ug/l	98
13) Acrolein	2.28	56	61429	280.675	ug/l	98
14) Allyl chloride	2.71	41	143820	48.043	ug/l	99
15) Acrylonitrile	3.12	53	273161	244.916	ug/l	100
16) Acetone	2.42	43	231566	238.731	ug/l	99
17) Carbon Disulfide	2.55	76	306499	45.926	ug/l	100
18) Methyl Acetate	2.75	43	121833	50.616	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	362830	49.500	ug/l	99
20) Methylene Chloride	2.84	84	131195	48.583	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	130476	48.321	ug/l	100
22) Diisopropyl ether	3.82	45	291678	49.412	ug/l	100
23) Vinyl Acetate	3.78	43	1397527	249.329	ug/l	99
24) 1,1-Dichloroethane	3.67	63	211930	49.299	ug/l	100
25) 2-Butanone	4.64	43	377099	246.042	ug/l	99
26) 2,2-Dichloropropane	4.55	77	172787	43.532	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	150490	49.109	ug/l	99
28) Bromochloromethane	4.98	49	89558	49.061	ug/l	98
29) Tetrahydrofuran	5.09	42	219457	239.564	ug/l	99
30) Chloroform	5.18	83	235497	50.458	ug/l	96
31) Cyclohexane	5.55	56	163017	48.882	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212983	50.316	ug/l	100
36) 1,1-Dichloropropene	5.77	75	173737	48.282	ug/l	99
37) Ethyl Acetate	4.79	43	149589	48.706	ug/l	100
38) Carbon Tetrachloride	5.76	117	184405	48.825	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019043.D
 Acq On : 22 Oct 2020 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 08:35:47 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)
39) Methylcyclohexane	7.44	83	192212	47.679	ug/l	98
40) Benzene	6.11	78	522711	49.324	ug/l	100
41) Methacrylonitrile	5.00	41	78295	47.458	ug/l	99
42) 1,2-Dichloroethane	6.16	62	180453	49.895	ug/l	99
43) Isopropyl Acetate	6.41	43	252575	48.558	ug/l	99
44) Trichloroethene	7.19	130	149038	48.224	ug/l	90
45) 1,2-Dichloropropane	7.49	63	125314	49.297	ug/l	98
46) Dibromomethane	7.63	93	95417	49.282	ug/l	99
47) Bromodichloromethane	7.87	83	189151	49.827	ug/l	97
48) Methyl methacrylate	7.74	41	121493	47.404	ug/l	99
49) 1,4-Dioxane	7.73	88	57304	989.583	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	766078	249.944	ug/l	99
52) Toluene	8.76	92	346200	49.460	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	208127	48.550	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	219103	48.400	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	141192	49.481	ug/l	98
56) Ethyl methacrylate	9.16	69	204995	49.935	ug/l	99
57) 1,3-Dichloropropane	9.35	76	227196	50.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	527834	244.762	ug/l	99
59) 2-Hexanone	9.48	43	575489	251.956	ug/l	100
60) Dibromochloromethane	9.57	129	155426	49.975	ug/l	99
61) 1,2-Dibromoethane	9.65	107	152259	49.872	ug/l	99
64) Tetrachloroethene	9.32	164	130597	46.186	ug/l	97
65) Chlorobenzene	10.12	112	381915	49.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	141822	51.205	ug/l	99
67) Ethyl Benzene	10.24	91	668384	49.774	ug/l	100
68) m/p-Xylenes	10.34	106	518778	100.853	ug/l	98
69) o-Xylene	10.68	106	249221	50.623	ug/l	99
70) Styrene	10.70	104	428191	51.229	ug/l	99
71) Bromoform	10.84	173	115681	51.739	ug/l #	98
73) Isopropylbenzene	11.00	105	666387	48.719	ug/l	99
74) N-amyl acetate	10.88	43	218071	49.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	207328	50.314	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	241303	63.495	ug/l	85
77) Bromobenzene	11.24	156	167191	48.399	ug/l	99
78) n-propylbenzene	11.34	91	758180	48.918	ug/l	99
79) 2-Chlorotoluene	11.40	91	441958	48.879	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	555115	49.146	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	68490	45.916	ug/l	98
82) 4-Chlorotoluene	11.49	91	523632	48.670	ug/l	99
83) tert-Butylbenzene	11.76	119	549135	49.351	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	562595	49.741	ug/l	100
85) sec-Butylbenzene	11.93	105	656363	48.746	ug/l	100
86) p-Isopropyltoluene	12.05	119	602587	48.979	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	305801	48.258	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	305392	46.961	ug/l	99
89) n-Butylbenzene	12.37	91	541733	48.105	ug/l	99
90) Hexachloroethane	12.58	117	95853	50.891	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	286381	48.471	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44402	47.322	ug/l	98

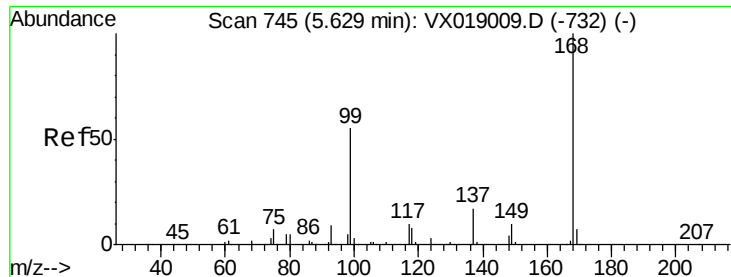
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019043.D
Acq On : 22 Oct 2020 21:58
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 23 08:35:47 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)
93) 1,2,4-Trichlorobenzene	13.63	180	202906	46.942	ug/l	99
94) Hexachlorobutadiene	13.77	225	86193	43.011	ug/l	99
95) Naphthalene	13.82	128	680558	50.040	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	200203	47.583	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: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

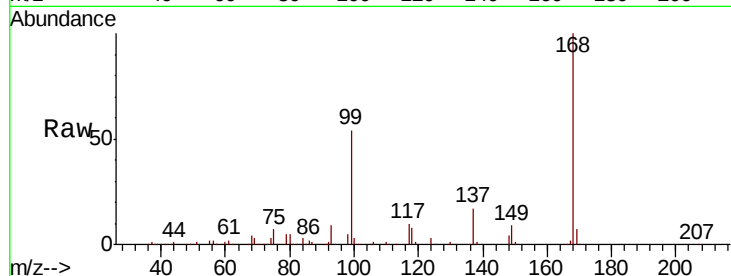
VSTDCCC050

Tot Ion:168 Resp: 237743

Ion Ratio Lower Upper

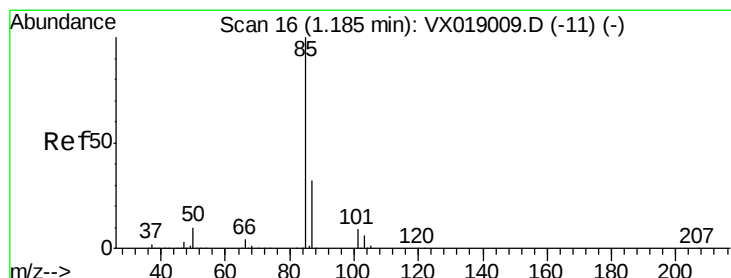
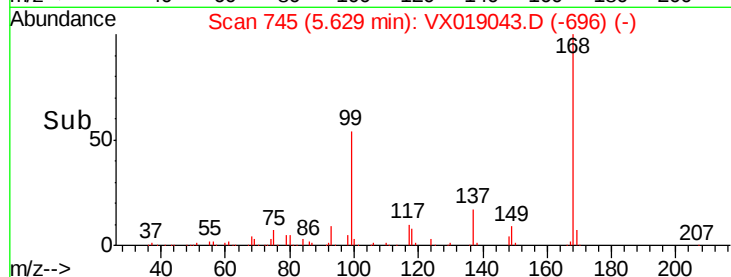
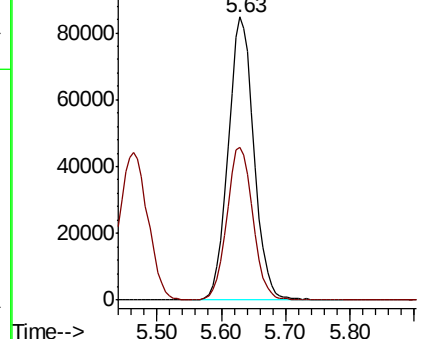
168 100

99 53.7 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: 51.242 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019043.D

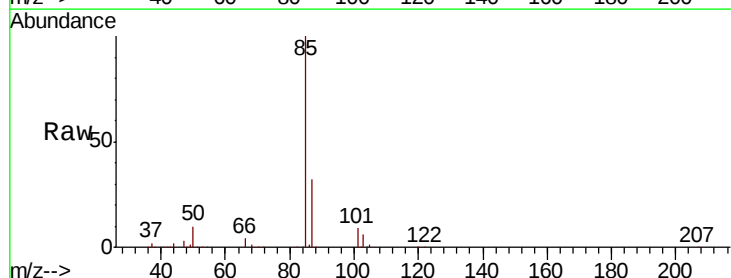
Acq: 22 Oct 2020 21:58

Tgt Ion: 85 Resp: 121346

Ion Ratio Lower Upper

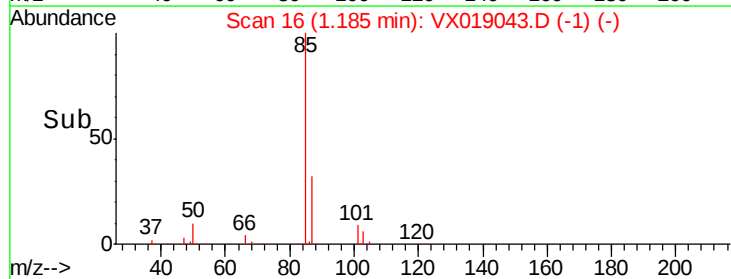
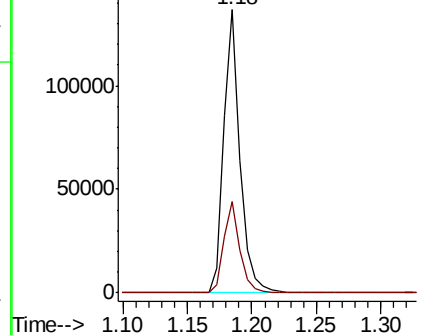
85 100

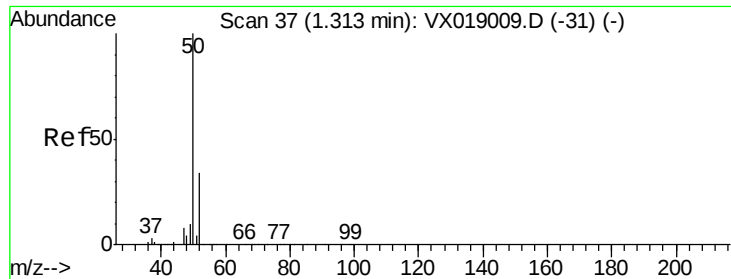
87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.212 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

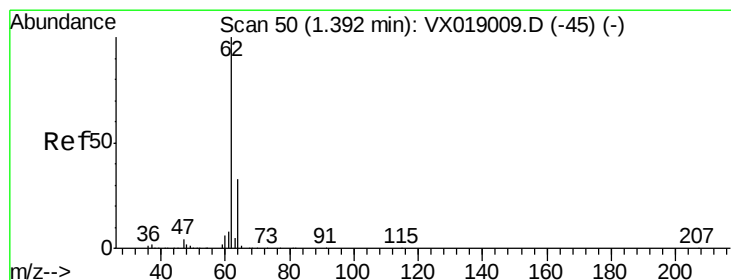
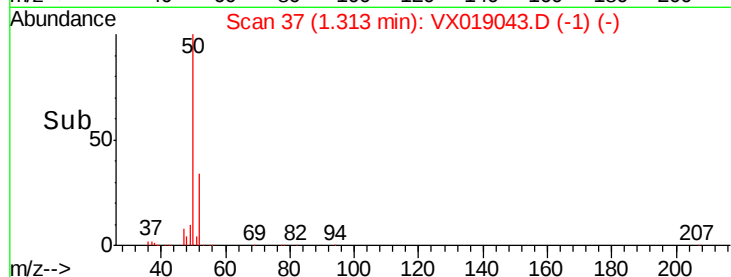
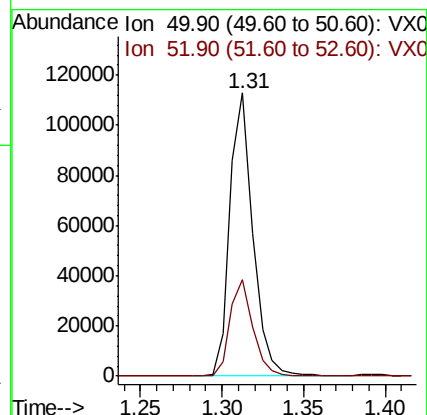
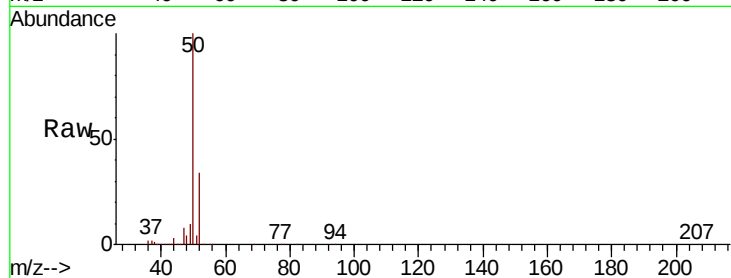
VSTDCCC050

Tot Ion: 50 Resp: 111165

Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6



#4

Vinyl Chloride

Concen: 49.593 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019043.D

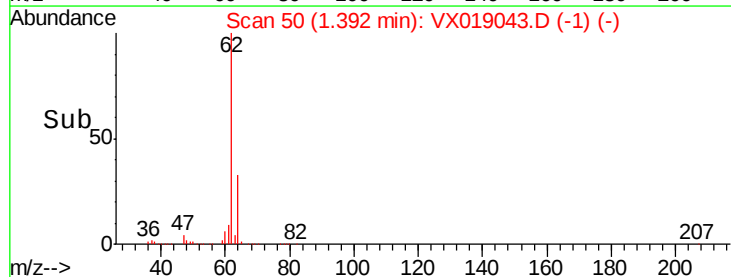
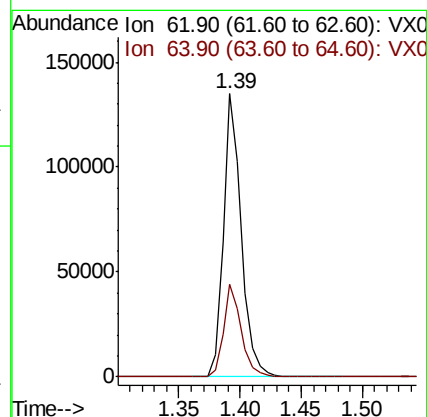
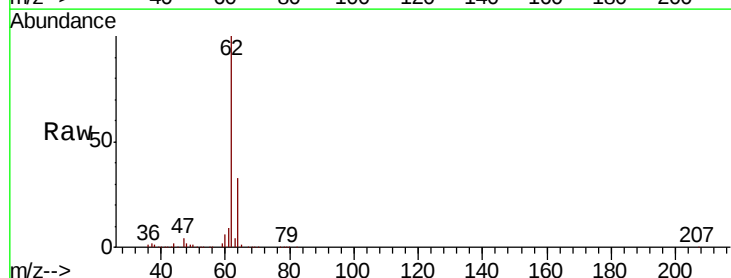
Acq: 22 Oct 2020 21:58

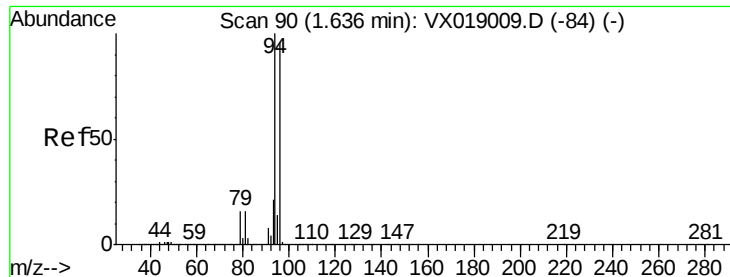
Tgt Ion: 62 Resp: 137783

Ion Ratio Lower Upper

62 100

64 32.8 26.5 39.7





#5

Bromomethane

Concen: 46.470 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

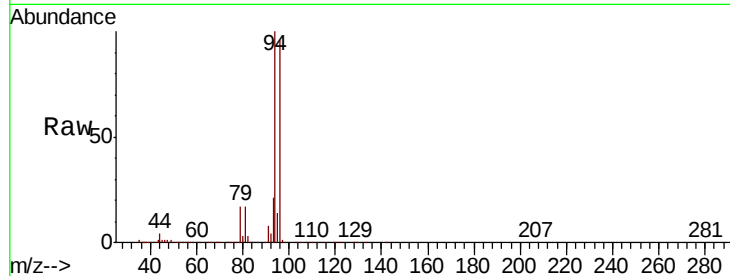
VSTDCCC050

Tot Ion: 94 Resp: 118321

Ion Ratio Lower Upper

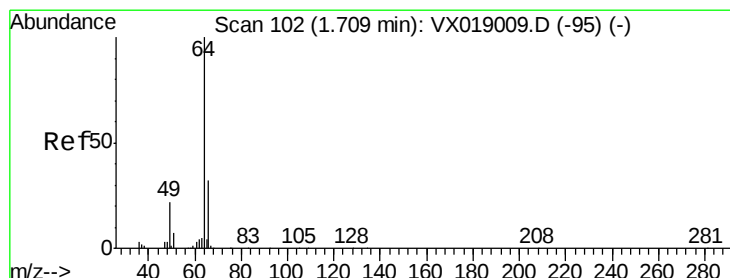
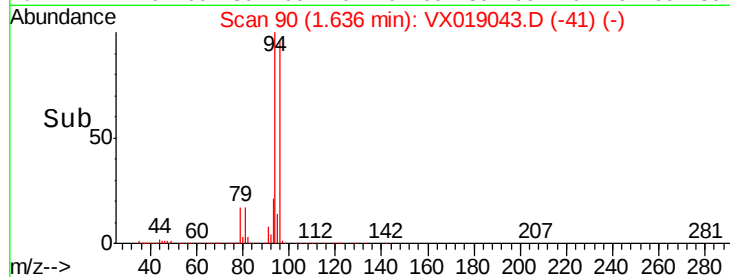
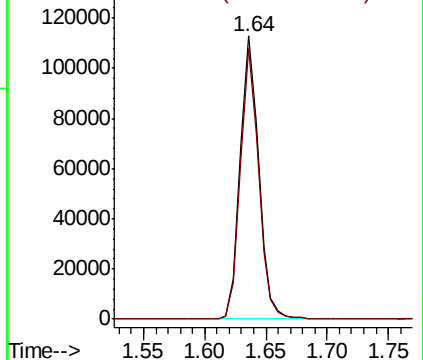
94 100

96 95.7 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: 48.437 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019043.D

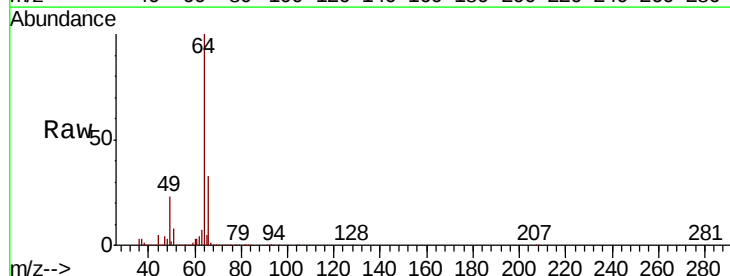
Acq: 22 Oct 2020 21:58

Tgt Ion: 64 Resp: 94170

Ion Ratio Lower Upper

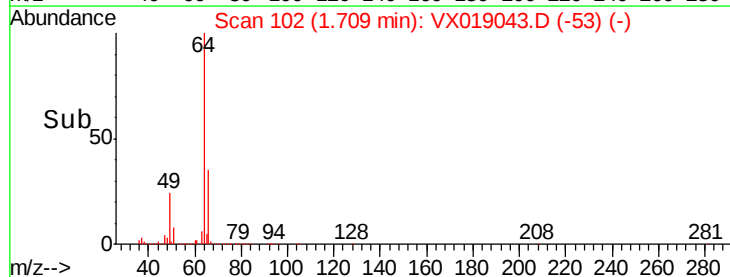
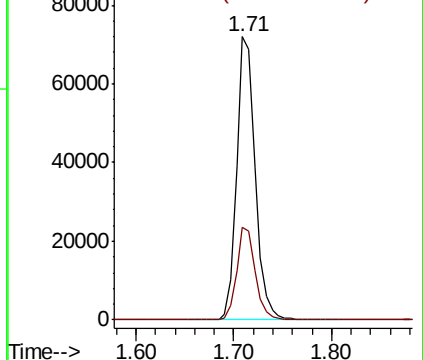
64 100

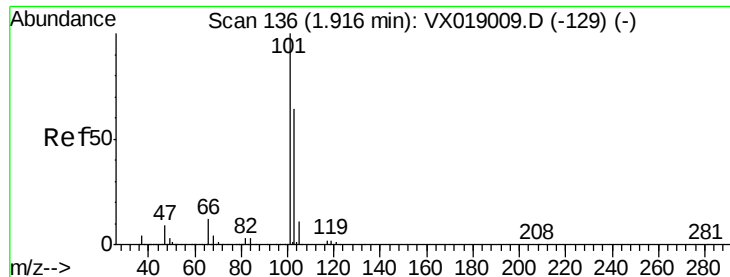
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



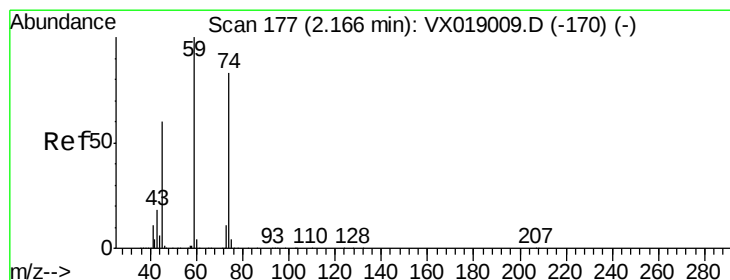
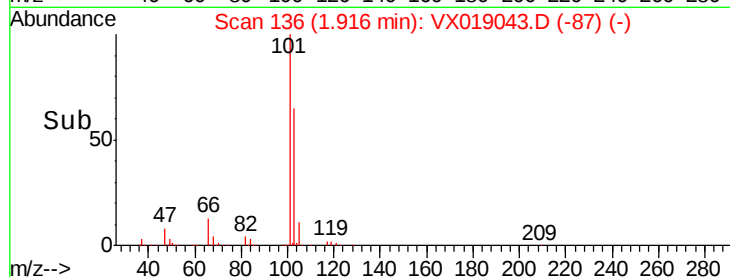
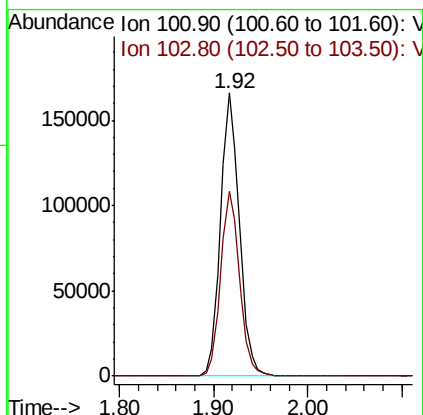
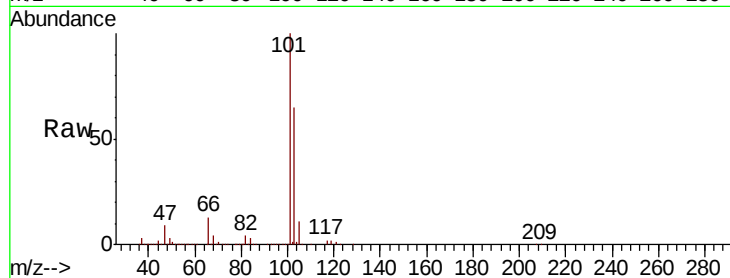


#7

Trichlorofluoromethane
 Concen: 49.109 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

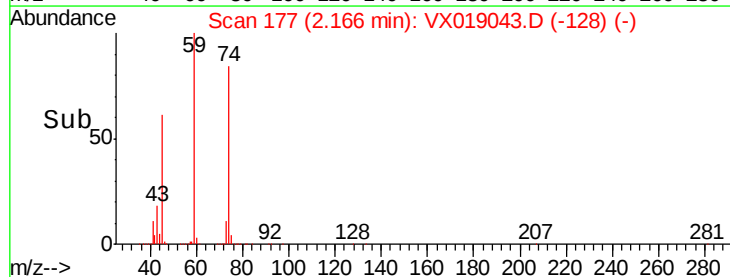
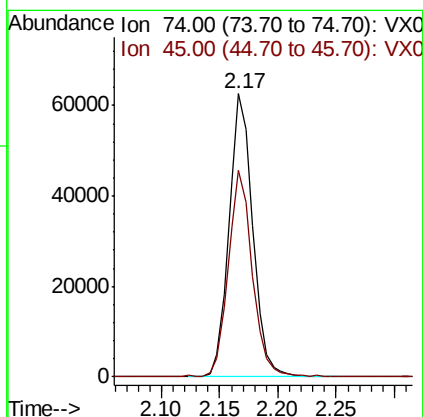
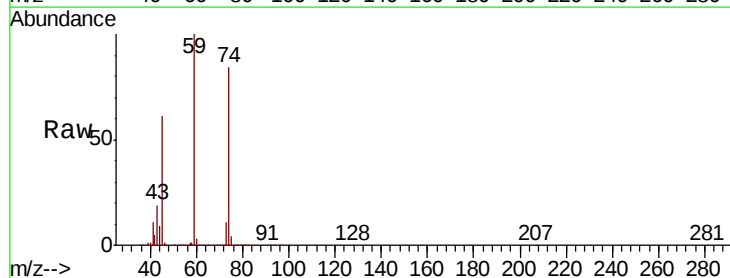
Tot Ion:101 Resp: 230564
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8

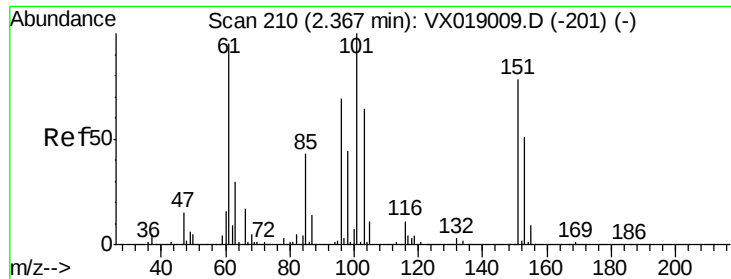


#8

Diethyl Ether
 Concen: 48.175 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 74 Resp: 88564
 Ion Ratio Lower Upper
 74 100
 45 73.3 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.588 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

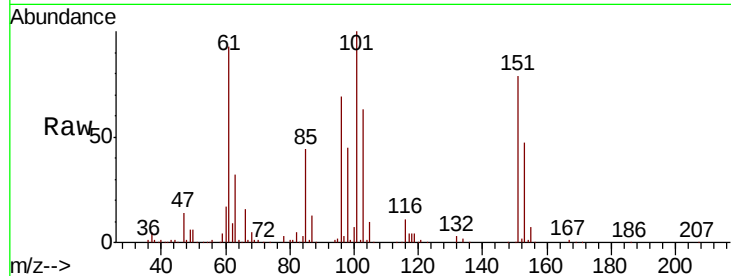
Tot Ion:101 Resp: 110294

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

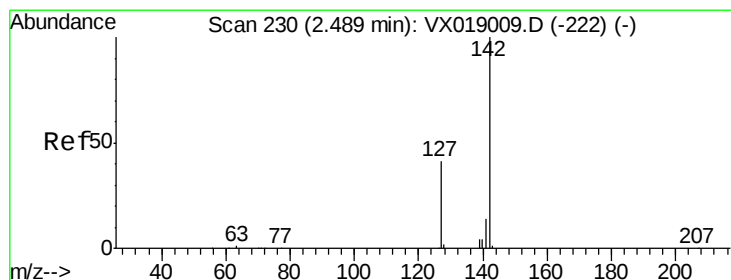
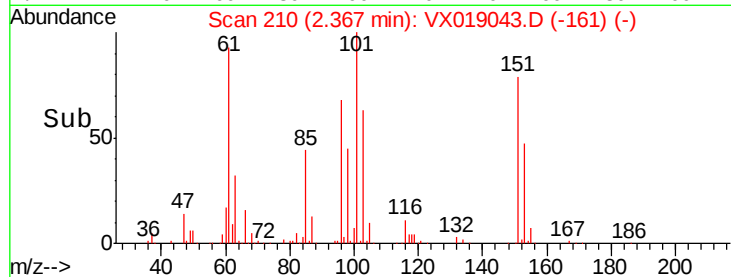
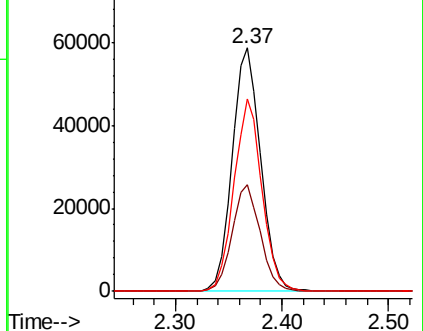
151 77.4 62.4 93.6



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: 40.677 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

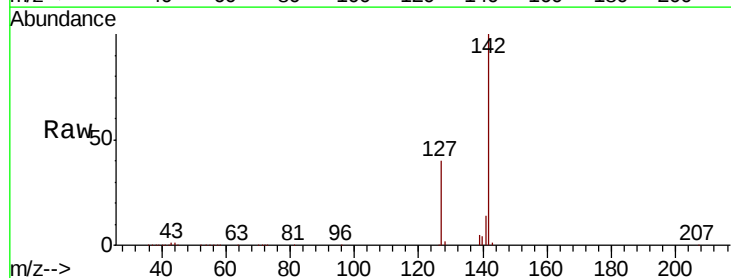
Tgt Ion:142 Resp: 124495

Ion Ratio Lower Upper

142 100

127 43.0 33.6 50.4

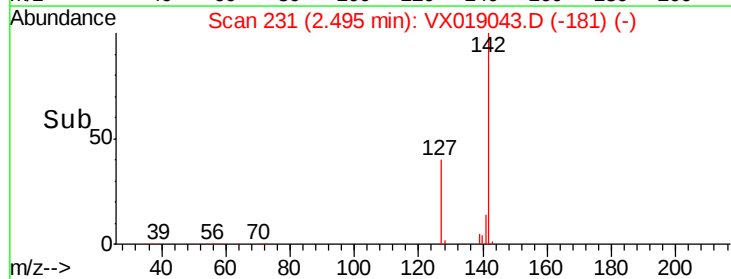
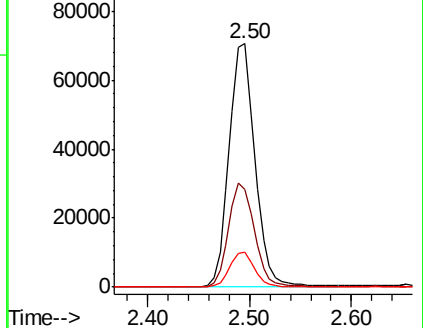
141 13.9 11.2 16.8

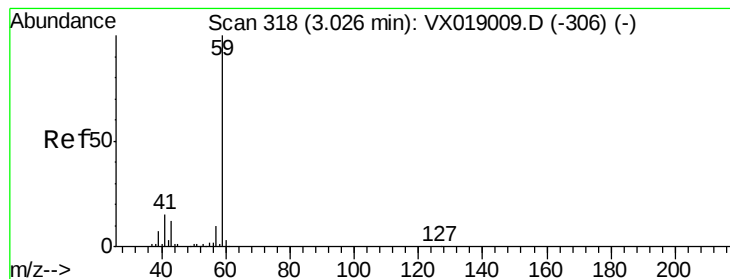


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



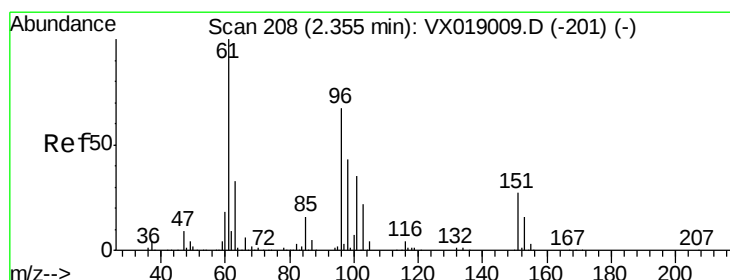
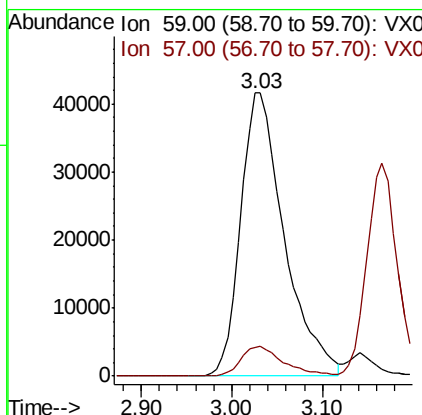
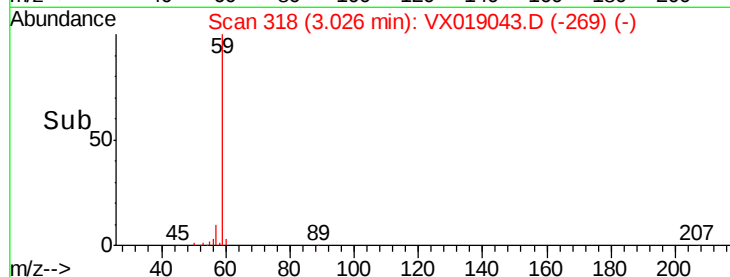
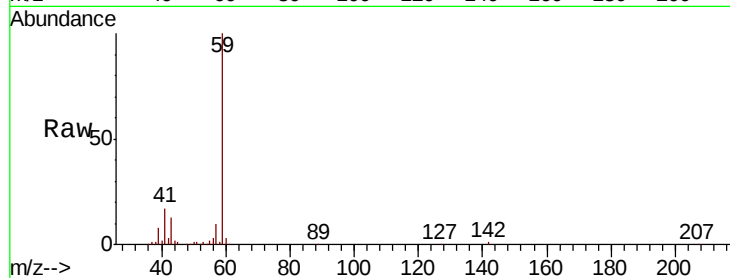


#11

Tert butyl alcohol
 Concen: 241.922 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

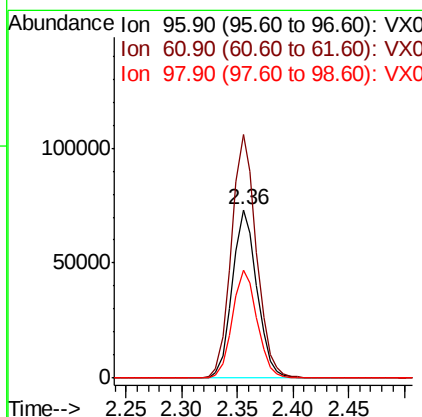
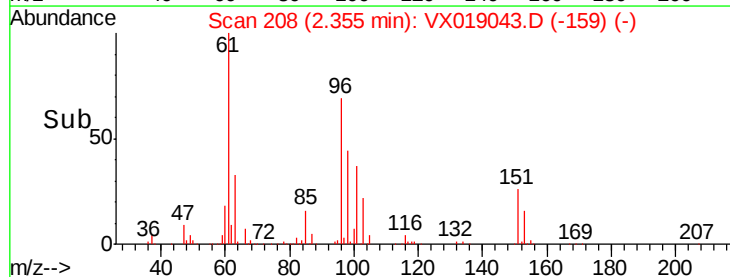
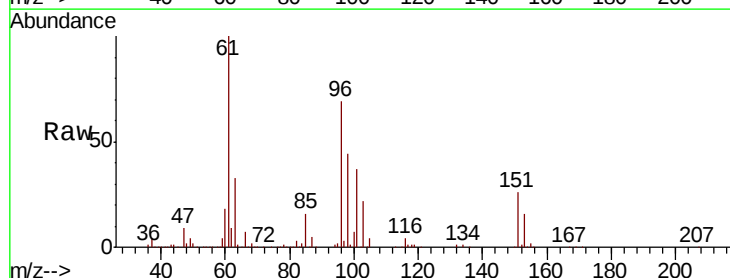
Tot Ion: 59 Resp: 139533
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

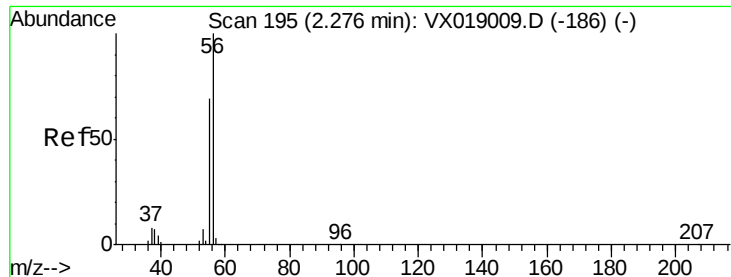


#12

1,1-Dichloroethene
 Concen: 48.778 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 96 Resp: 112872
 Ion Ratio Lower Upper
 96 100
 61 144.6 119.0 178.6
 98 64.0 51.0 76.4





#13

Acrolein

Concen: 280.675 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

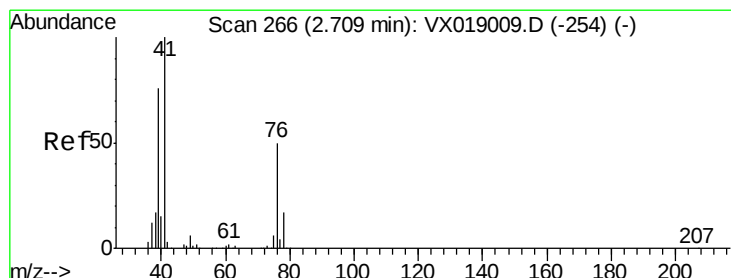
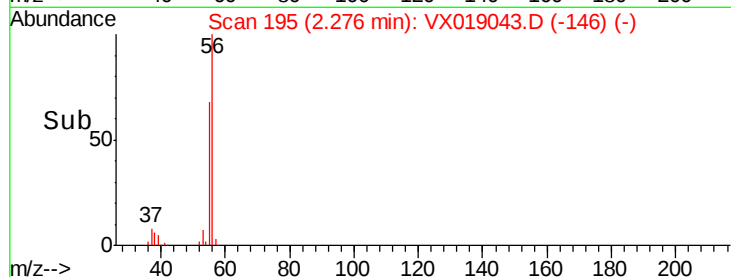
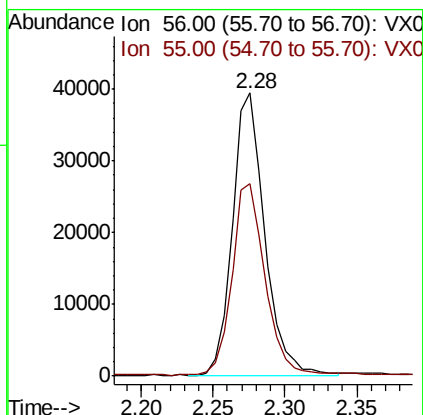
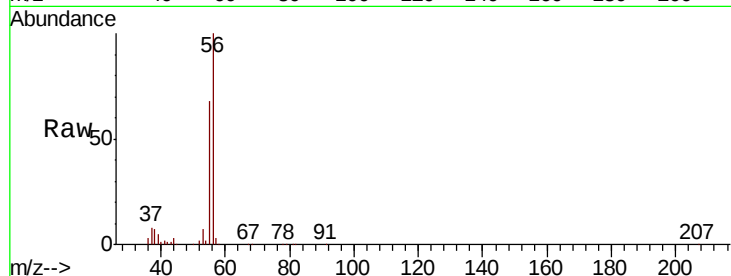
VSTDCCC050

Tot Ion: 56 Resp: 61429

Ion Ratio Lower Upper

56 100

55 69.5 54.2 81.4



#14

Allyl chloride

Concen: 48.043 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

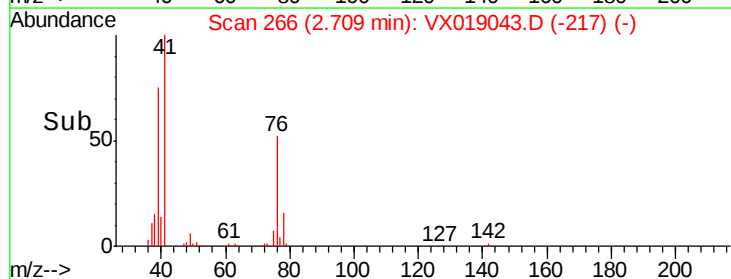
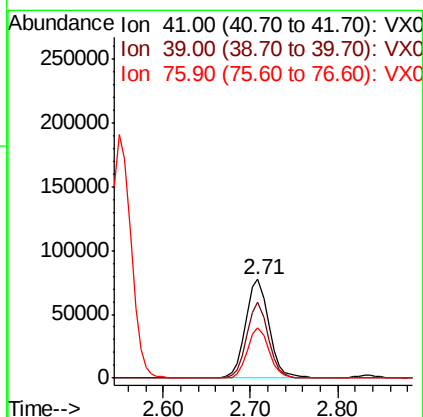
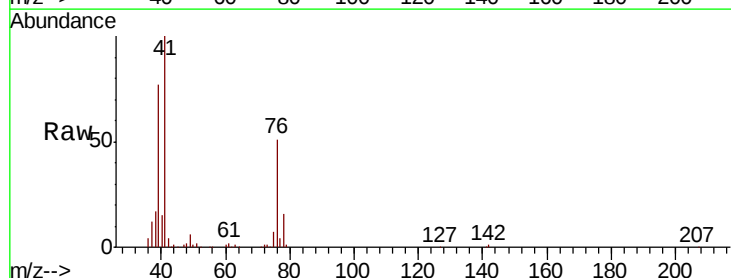
Tgt Ion: 41 Resp: 143820

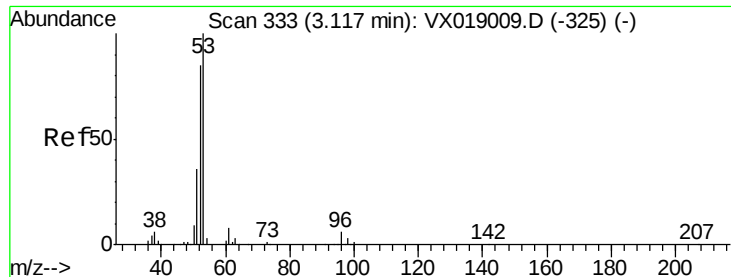
Ion Ratio Lower Upper

41 100

39 70.6 57.4 86.0

76 47.0 37.7 56.5





#15

Acrylonitrile

Concen: 244.916 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

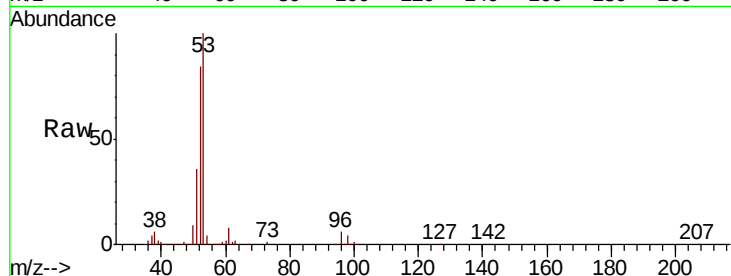
Tot Ion: 53 Resp: 273161

Ion Ratio Lower Upper

53 100

52 82.5 65.9 98.9

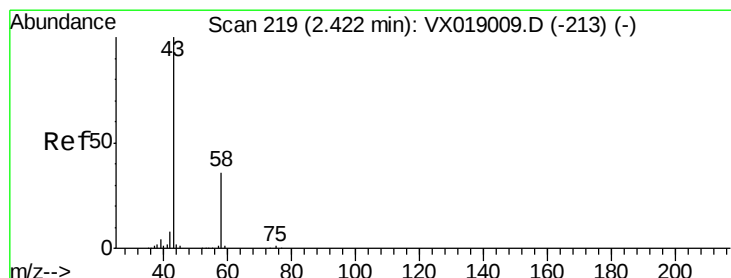
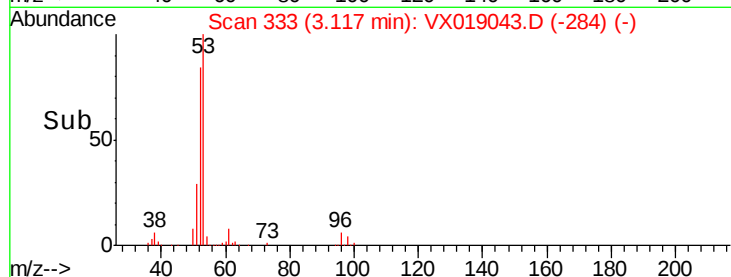
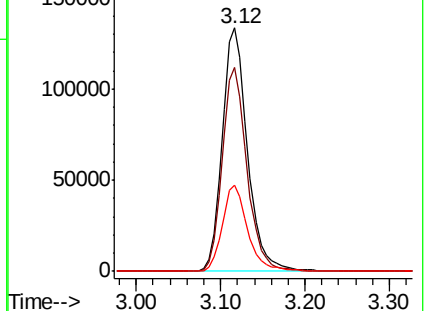
51 35.6 28.3 42.5



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: 238.731 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019043.D

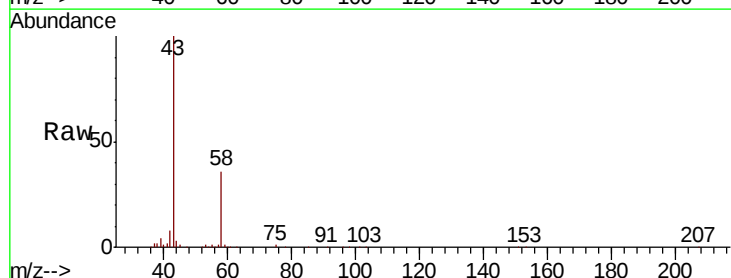
Acq: 22 Oct 2020 21:58

Tgt Ion: 43 Resp: 231566

Ion Ratio Lower Upper

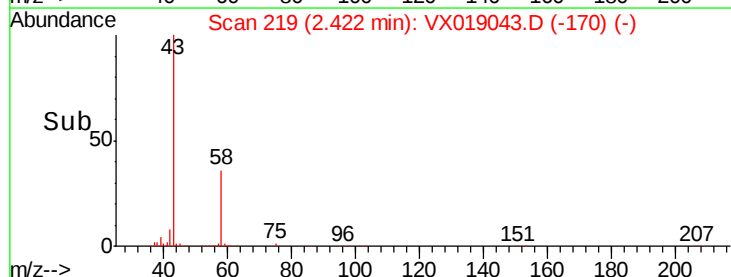
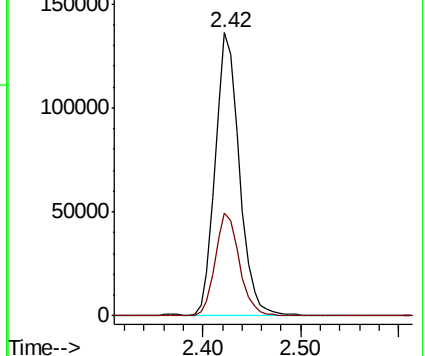
43 100

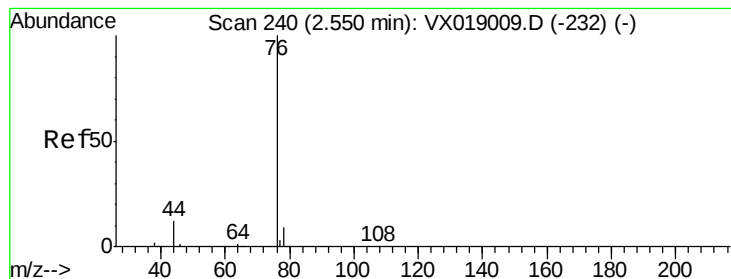
58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.926 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

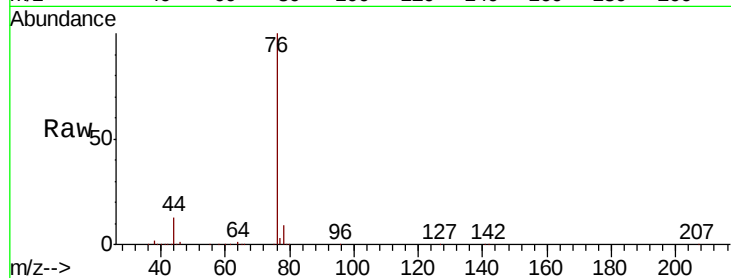
VSTDCCC050

Tot Ion: 76 Resp: 306499

Ion Ratio Lower Upper

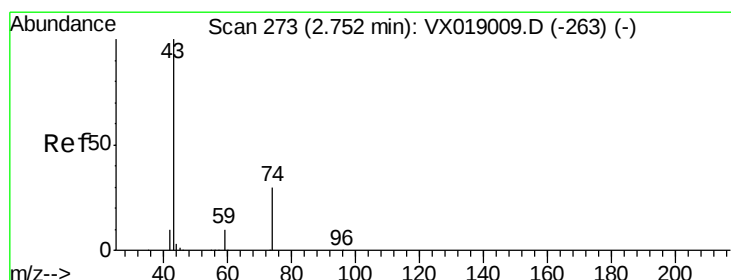
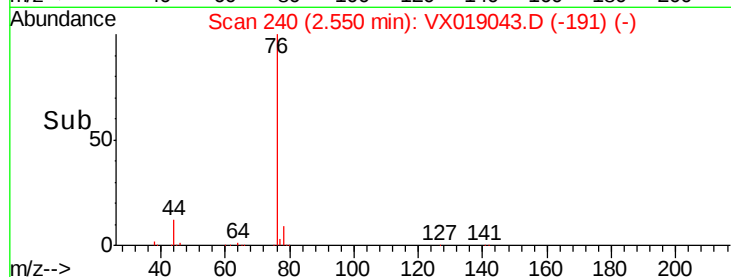
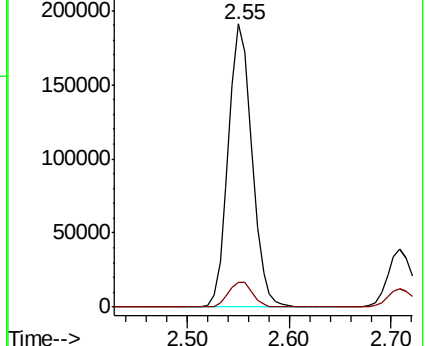
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.616 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019043.D

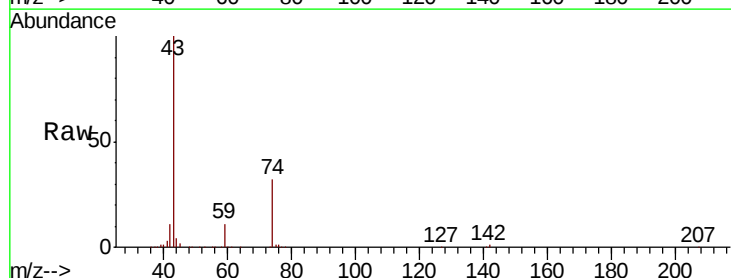
Acq: 22 Oct 2020 21:58

Tgt Ion: 43 Resp: 121833

Ion Ratio Lower Upper

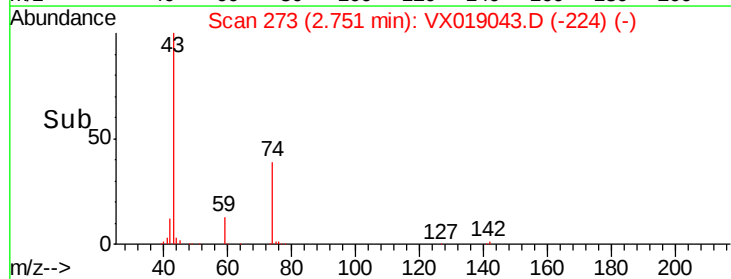
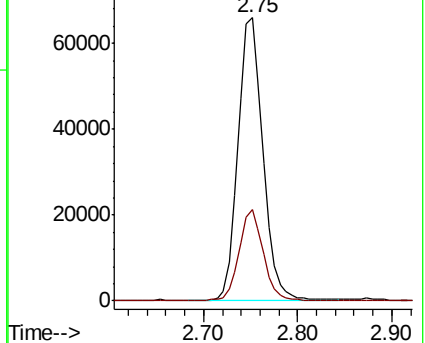
43 100

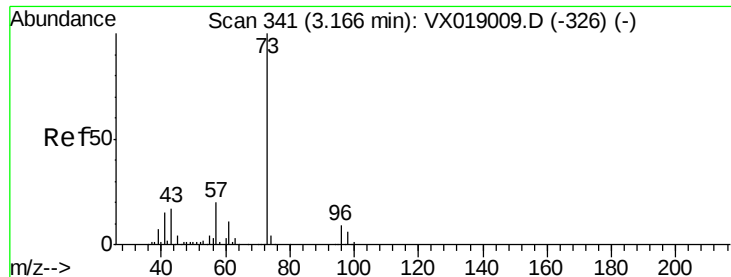
74 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

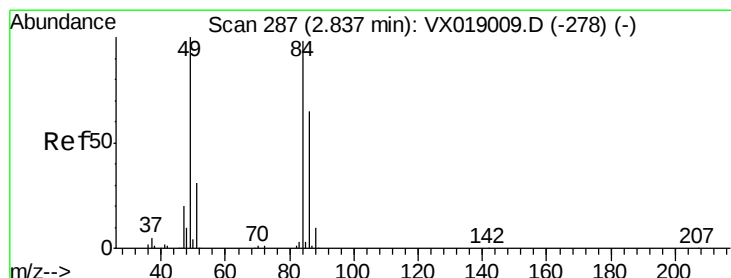
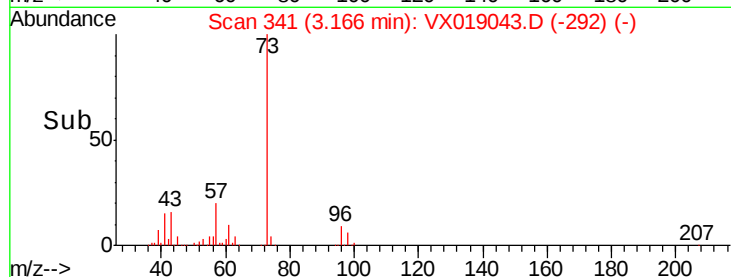
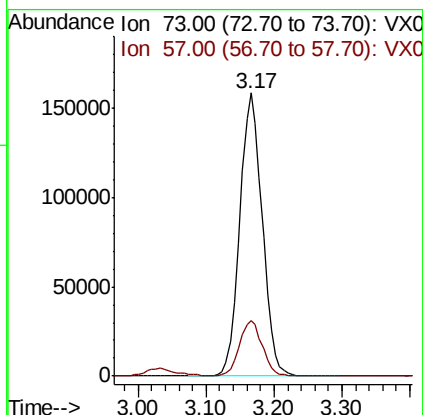
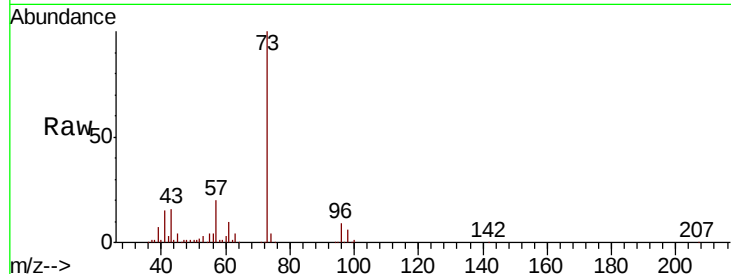




#19
Methyl tert-butyl Ether
Concen: 49.500 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

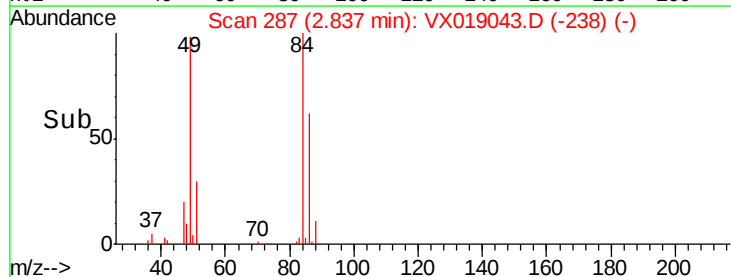
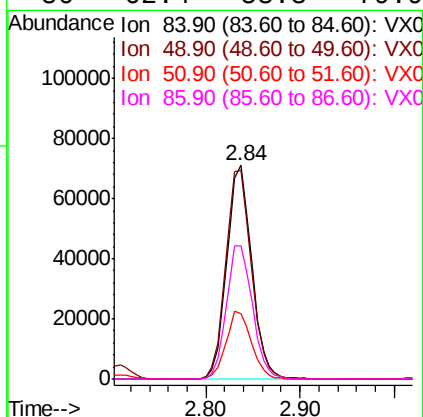
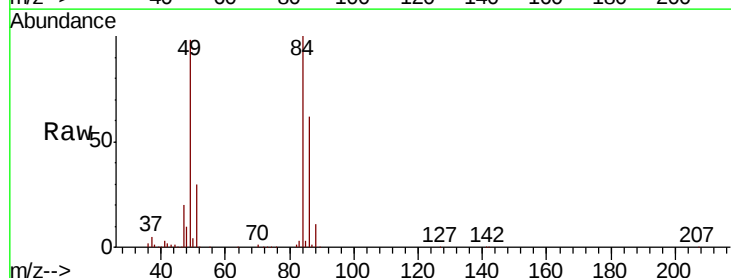
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

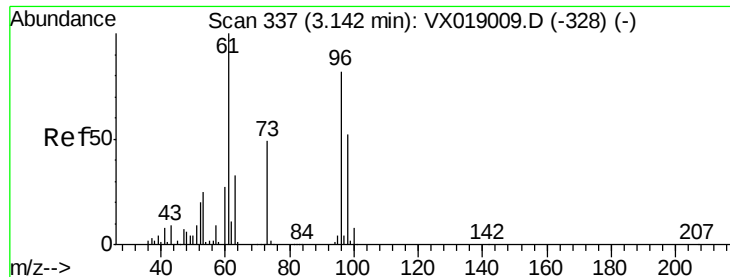
Tot Ion: 73 Resp: 362830
Ion Ratio Lower Upper
73 100
57 19.8 16.2 24.2



#20
Methylene Chloride
Concen: 48.583 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 84 Resp: 131195
Ion Ratio Lower Upper
84 100
49 98.0 81.6 122.4
51 30.4 25.6 38.4
86 62.4 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 48.321 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

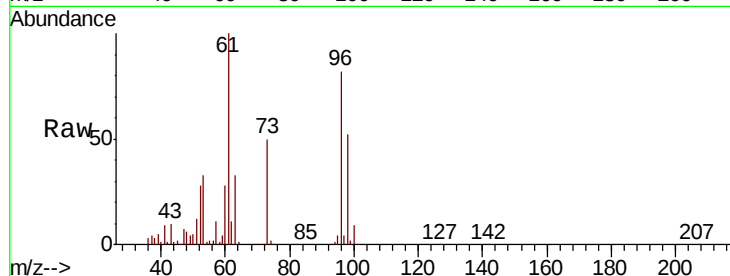
Tot Ion: 96 Resp: 130476

Ion Ratio Lower Upper

96 100

61 122.1 97.8 146.6

98 63.1 50.7 76.1

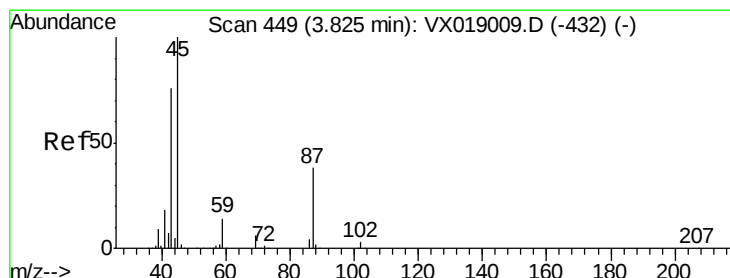
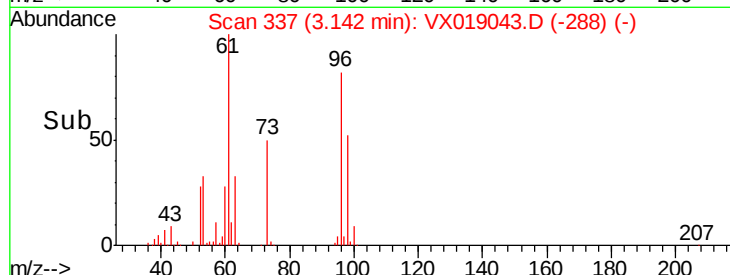
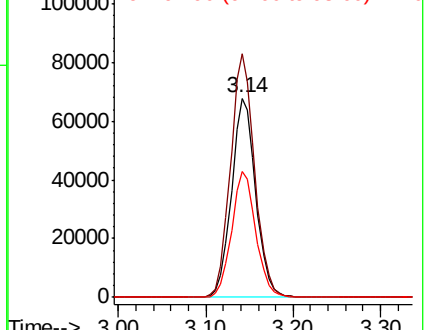


Abundance

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: 49.412 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion: 45 Resp: 291678

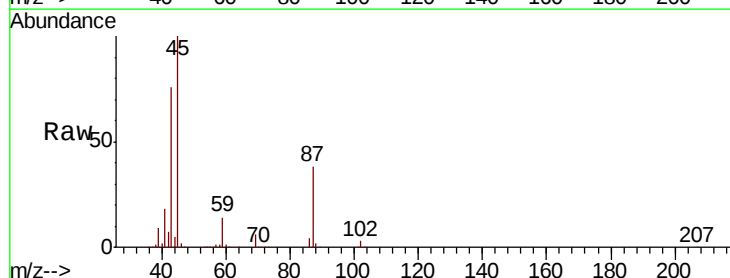
Ion Ratio Lower Upper

45 100

43 75.6 60.4 90.6

87 37.7 30.4 45.6

59 13.9 11.2 16.8



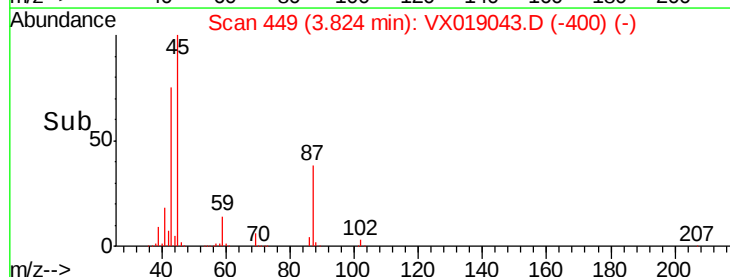
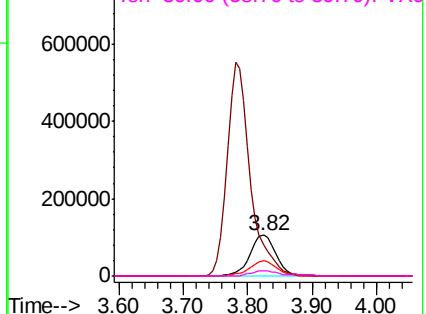
Abundance

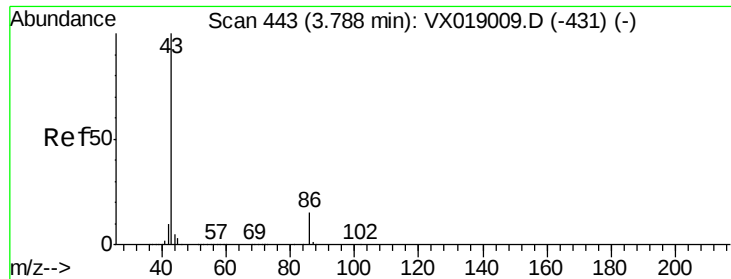
Ion 45.00 (44.70 to 45.70): VX0

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: 249.329 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

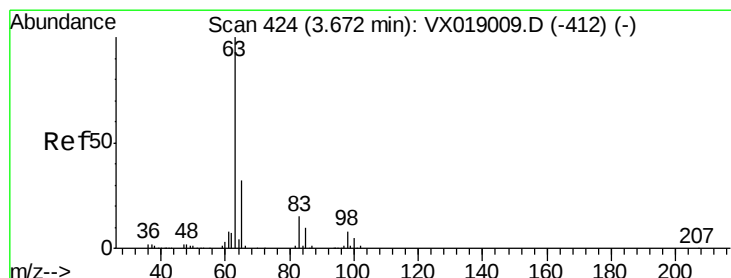
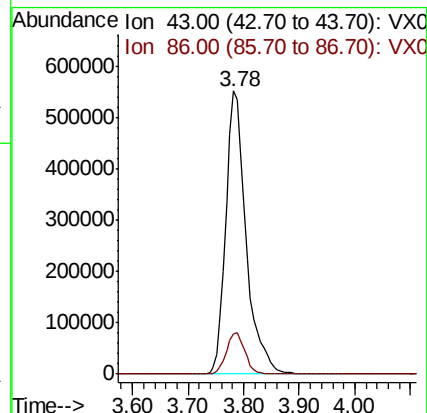
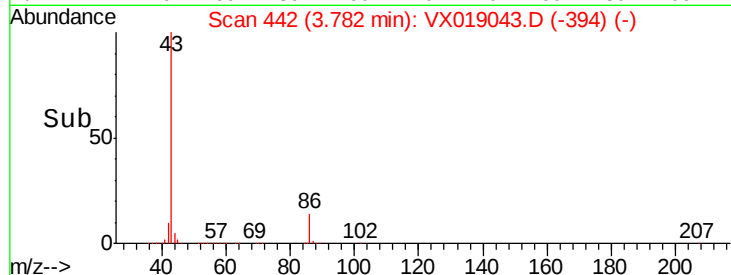
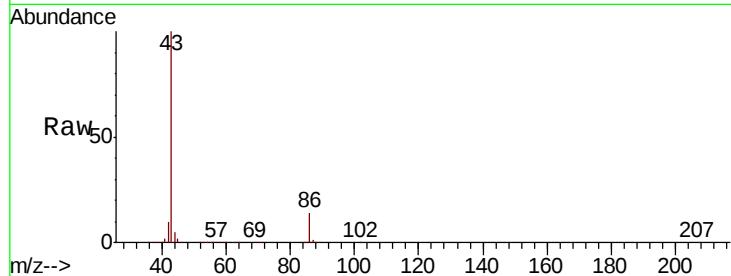
VSTDCCC050

Tot Ion: 43 Resp: 1397527

Ion Ratio Lower Upper

43 100

86 14.3 11.7 17.5



#24

1,1-Dichloroethane

Concen: 49.299 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

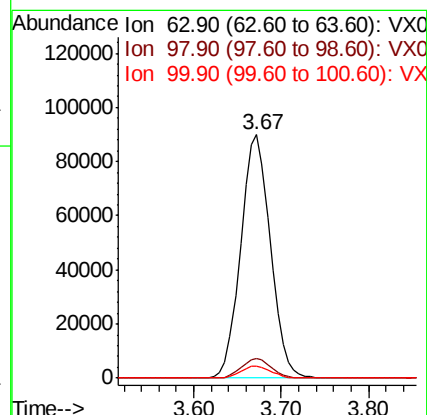
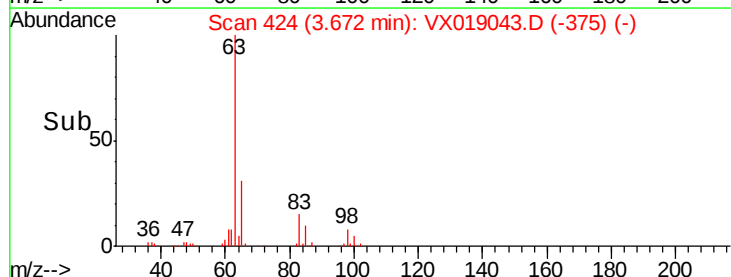
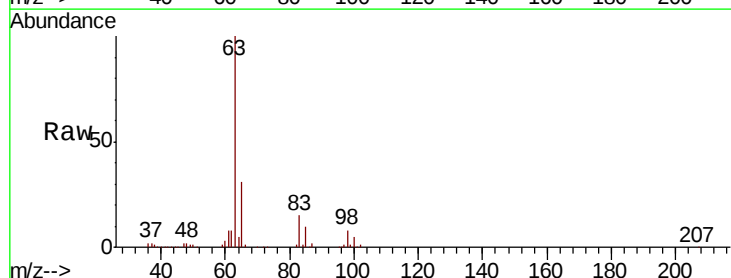
Tgt Ion: 63 Resp: 211930

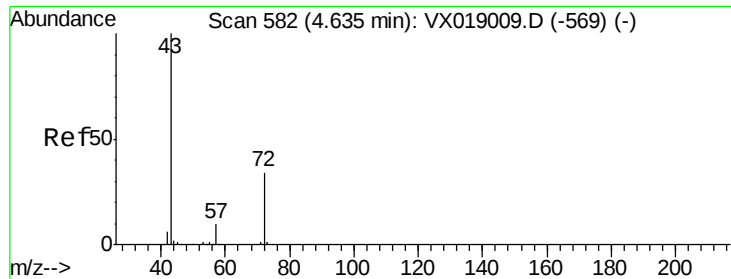
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 246.042 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

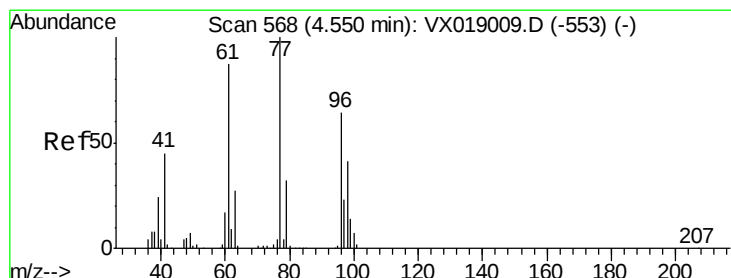
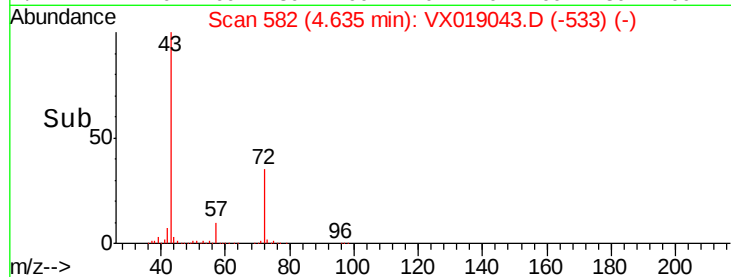
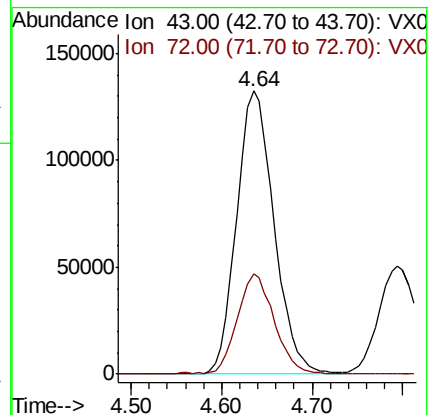
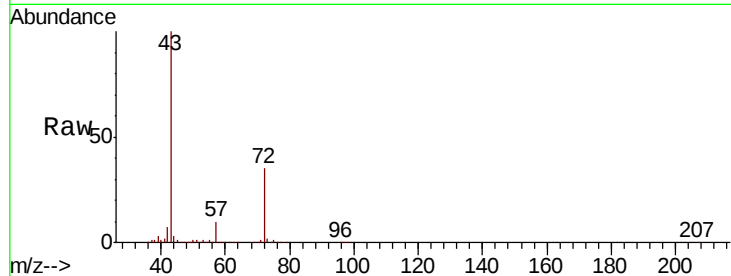
VSTDCCC050

Tot Ion: 43 Resp: 377099

Ion Ratio Lower Upper

43 100

72 35.1 27.8 41.6



#26

2,2-Dichloropropane

Concen: 43.532 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019043.D

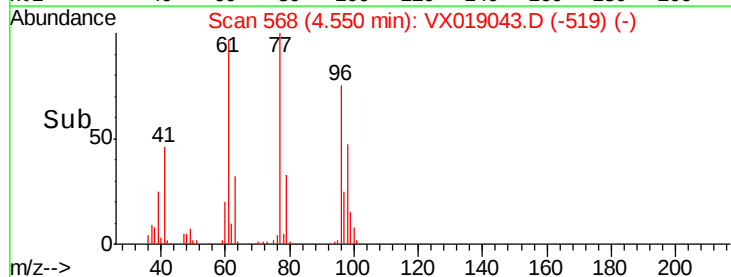
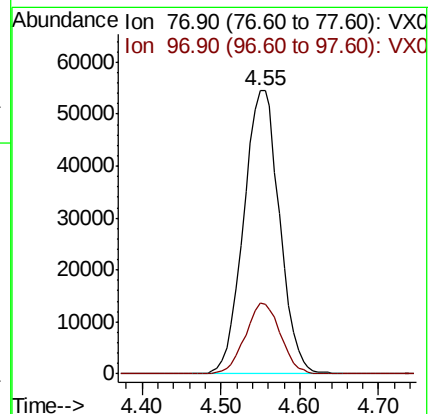
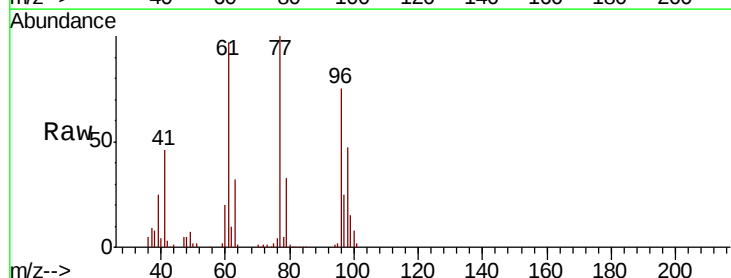
Acq: 22 Oct 2020 21:58

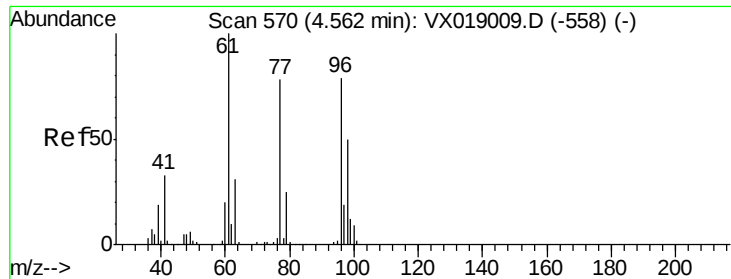
Tgt Ion: 77 Resp: 172787

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.7

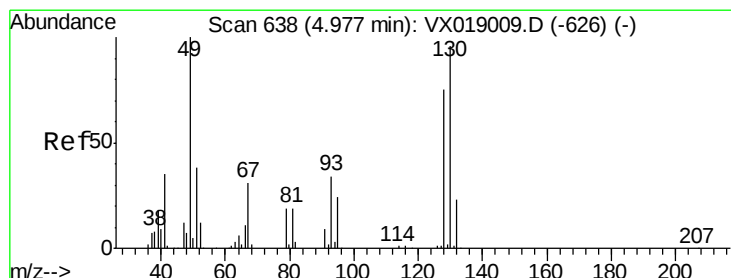
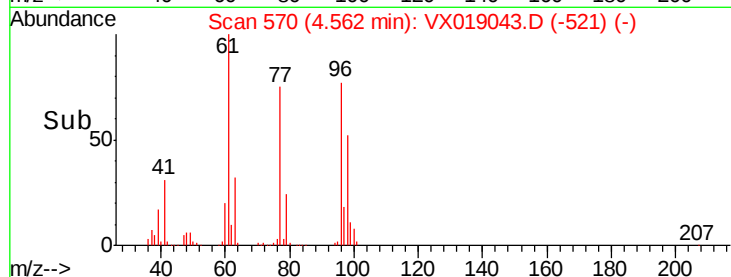
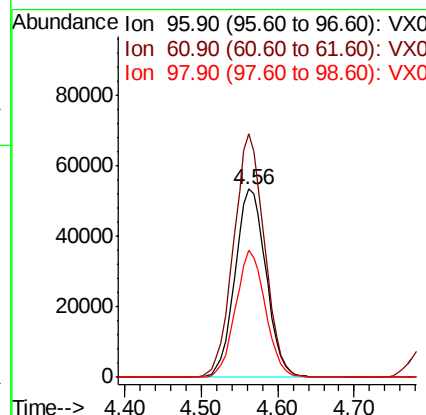
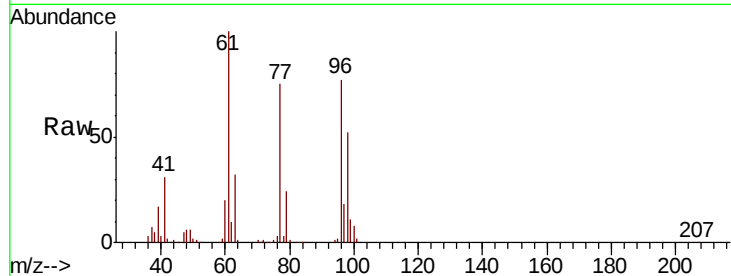




#27
 cis-1,2-Dichloroethene
 Concen: 49.109 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

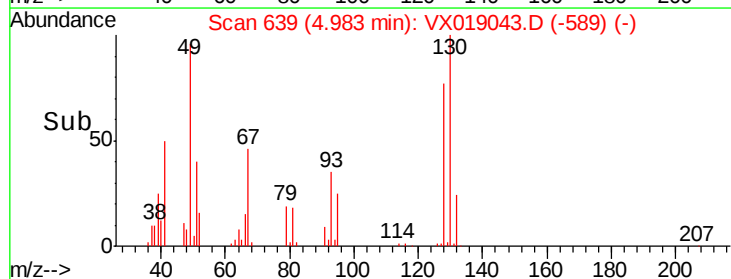
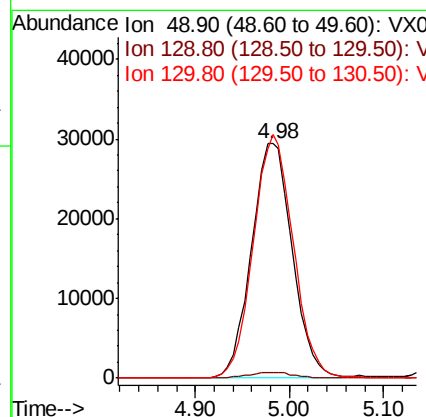
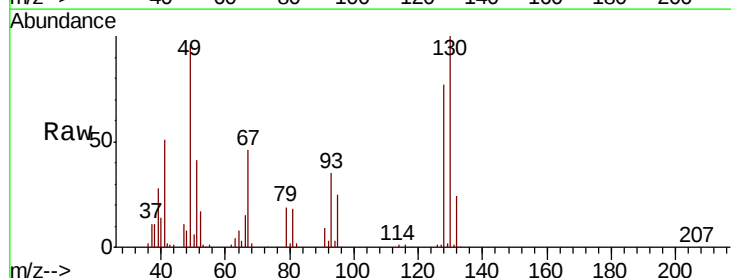
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

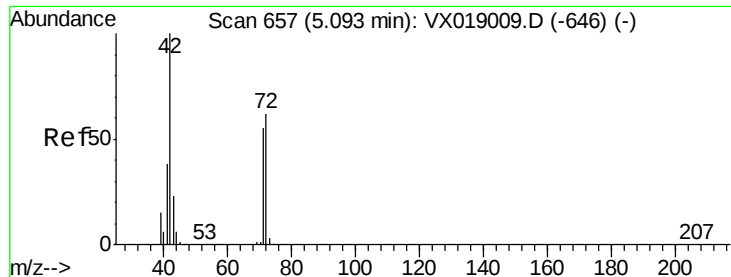
Tot Ion: 96 Resp: 150490
 Ion Ratio Lower Upper
 96 100
 61 128.2 0.0 260.0
 98 64.5 0.0 131.4



#28
 Bromochloromethane
 Concen: 49.061 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 49 Resp: 89558
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 101.3 79.0 118.6





#29

Tetrahydrofuran

Concen: 239.564 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

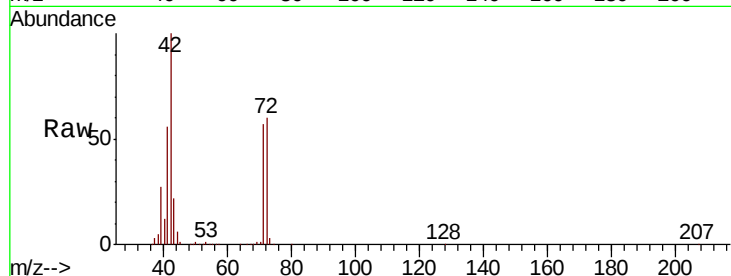
Tot Ion: 42 Resp: 219457

Ion Ratio Lower Upper

42 100

72 60.9 49.1 73.7

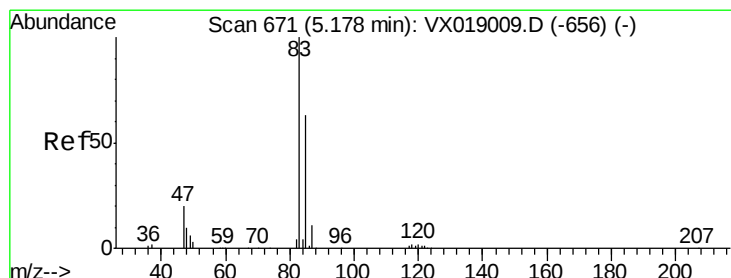
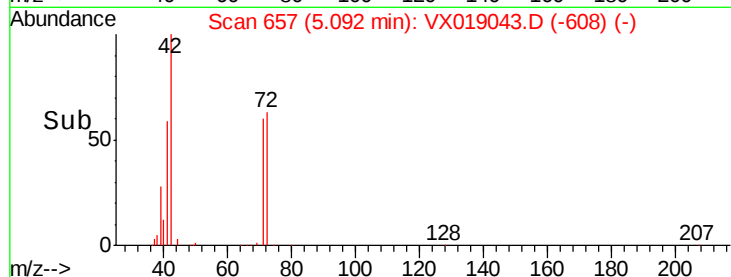
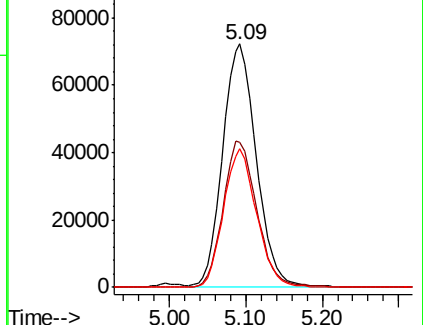
71 56.3 44.2 66.4



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: 50.458 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019043.D

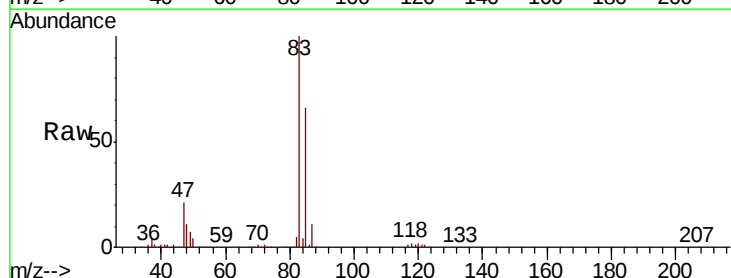
Acq: 22 Oct 2020 21:58

Tgt Ion: 83 Resp: 235497

Ion Ratio Lower Upper

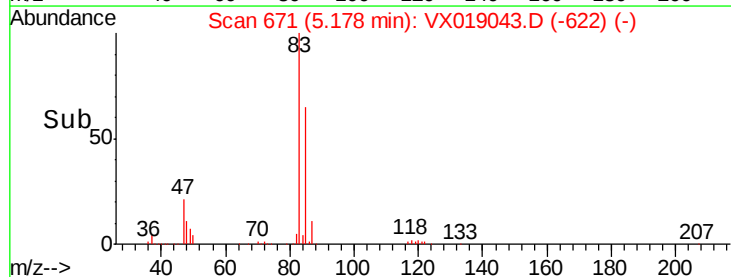
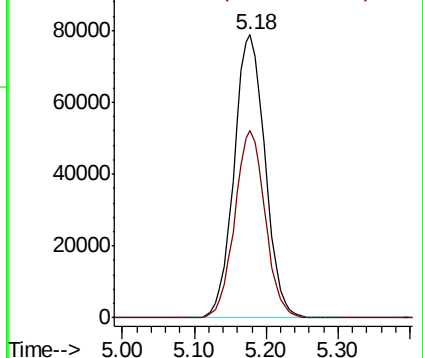
83 100

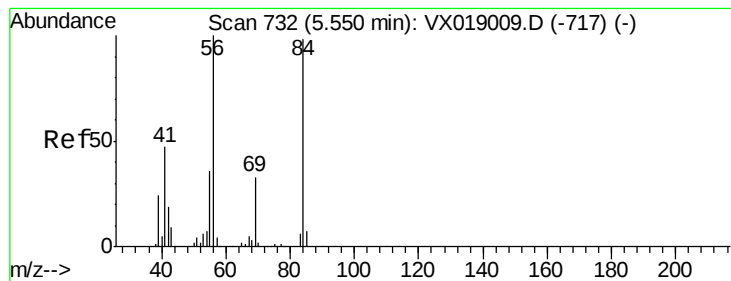
85 66.1 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.882 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

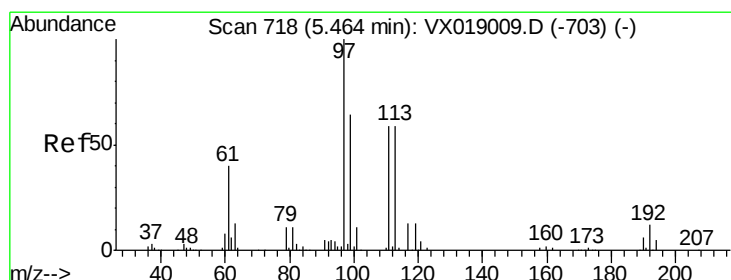
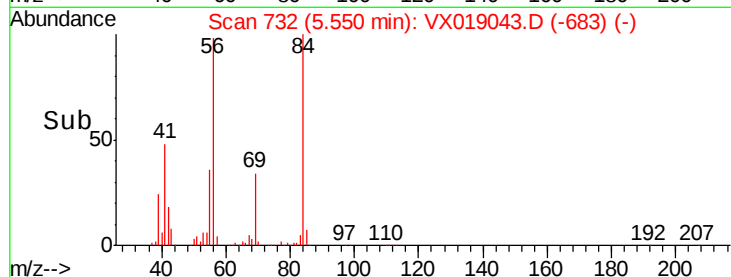
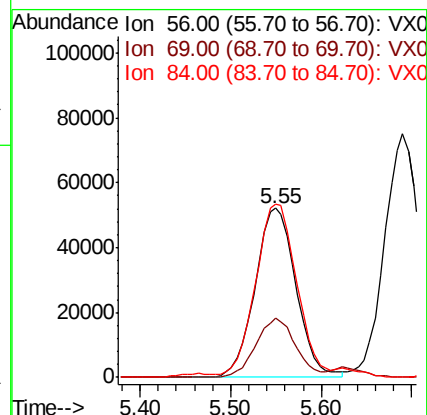
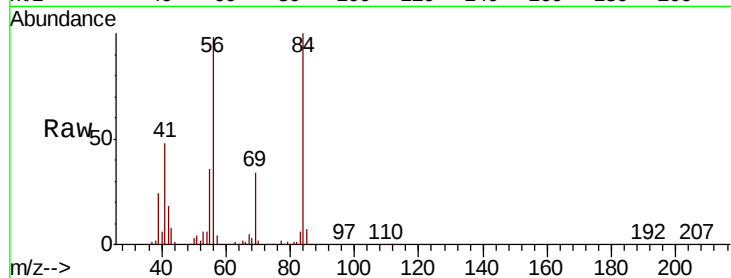
Tot Ion: 56 Resp: 163017

Ion Ratio Lower Upper

56 100

69 35.1 26.2 39.2

84 100.7 78.3 117.5



#32

1,1,1-Trichloroethane

Concen: 50.316 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

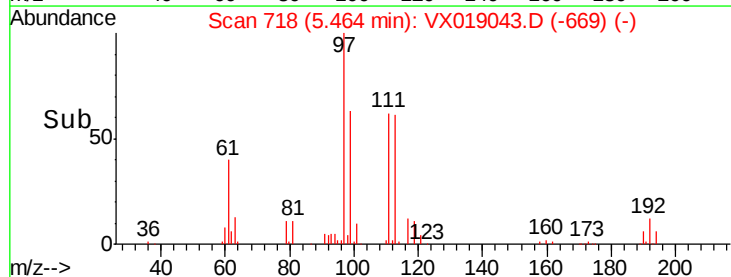
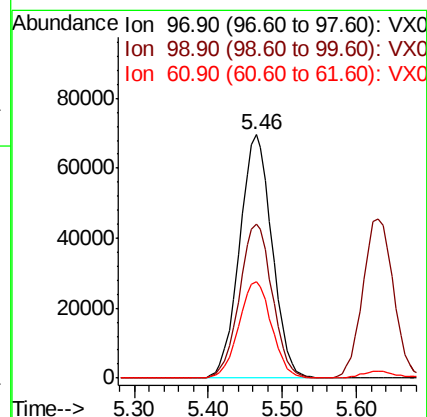
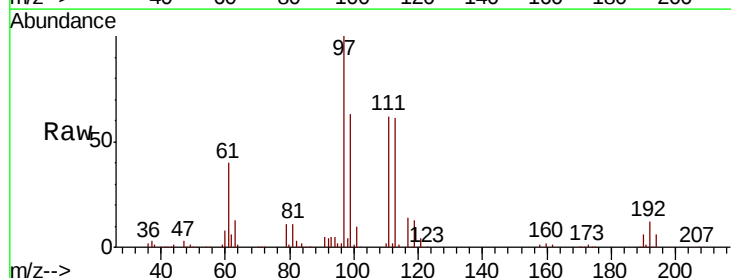
Tgt Ion: 97 Resp: 212983

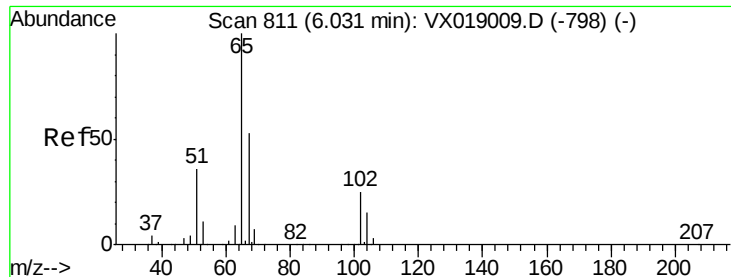
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 40.2 31.9 47.9

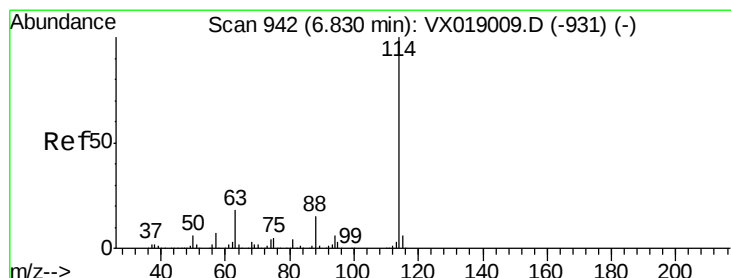
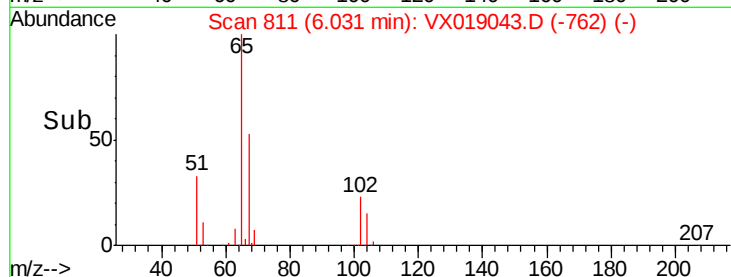
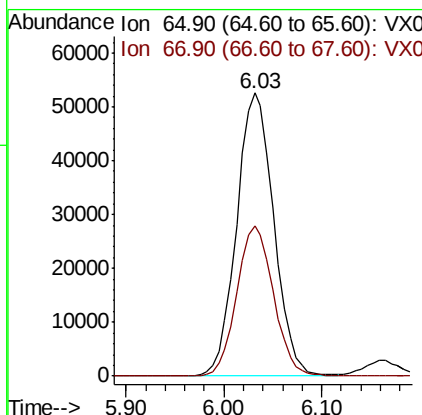
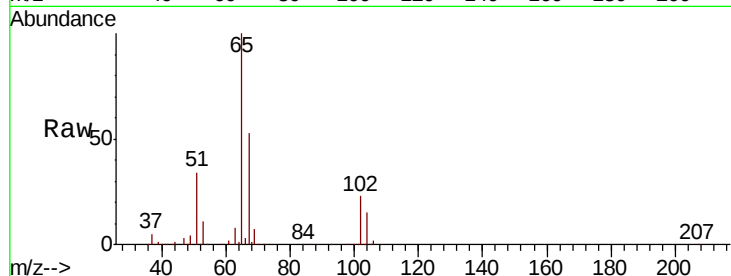




#33
 1,2-Dichloroethane-d4
 Concen: 48.587 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

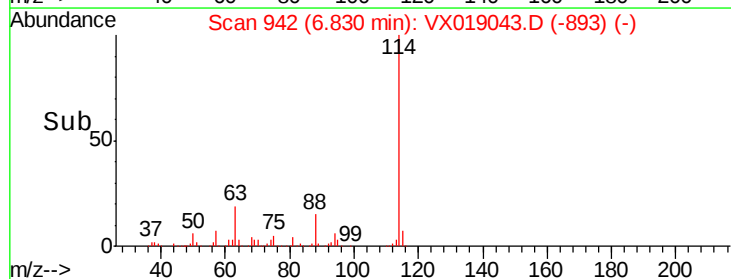
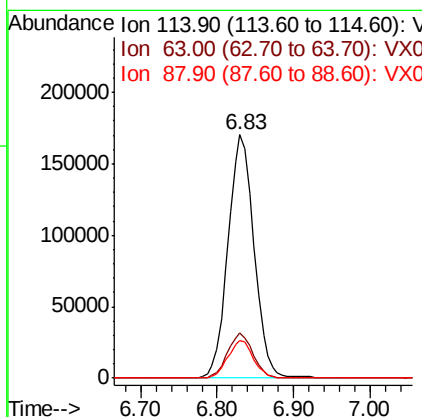
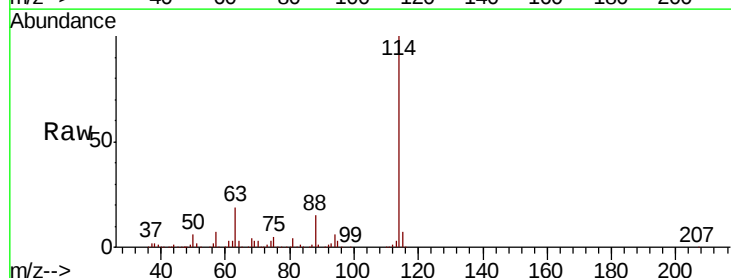
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

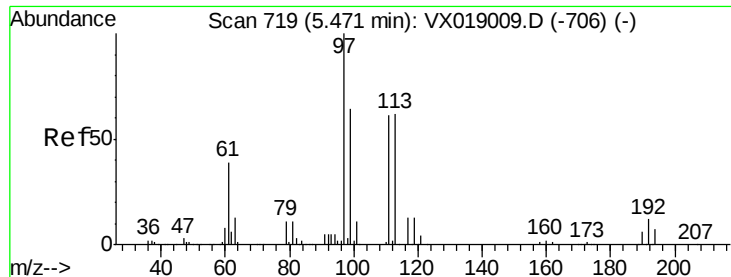
Tot Ion: 65 Resp: 138365
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 114 Resp: 401020
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 15.4 0.0 30.2

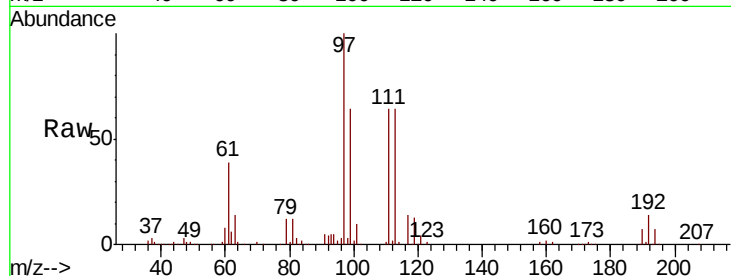




#35
 Dibromofluoromethane
 Concen: 48.306 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	20.7	16.3	24.5

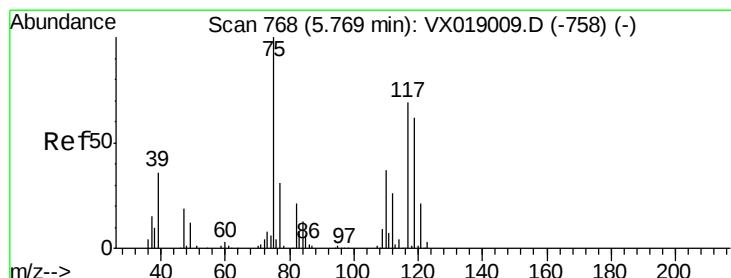
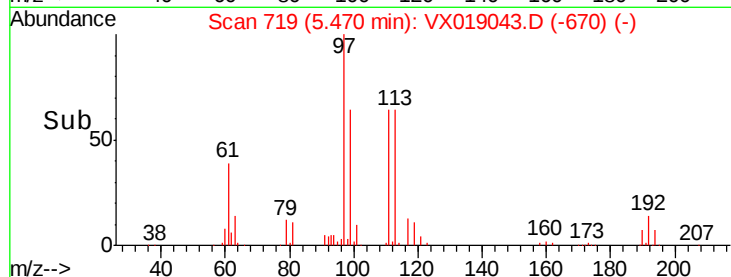
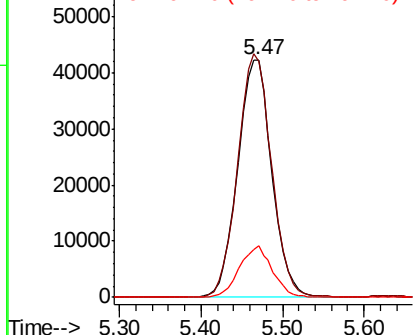


Abundance

Ion 112.80 (112.50 to 113.50): V

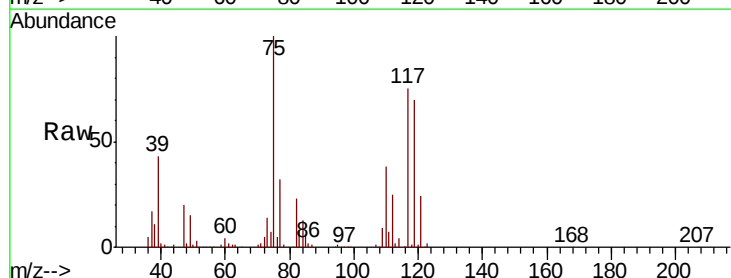
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.282 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.4	58.2
77	31.0	25.2	37.8

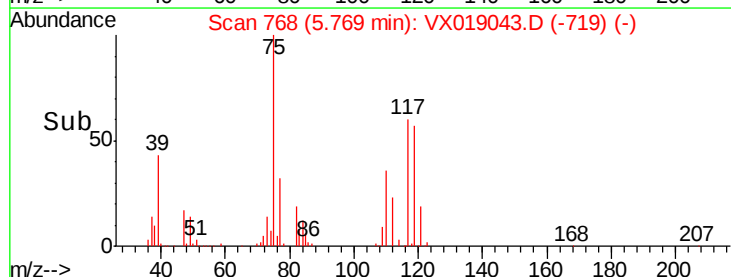
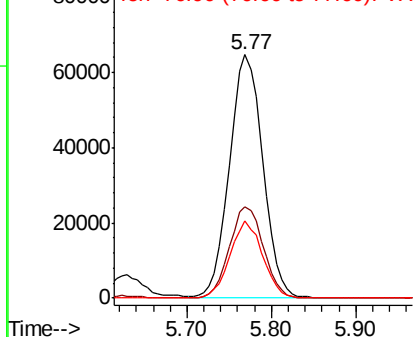


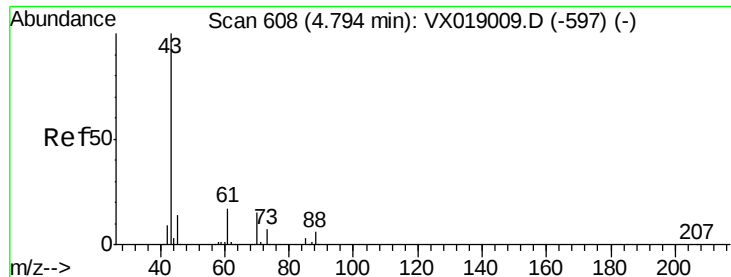
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

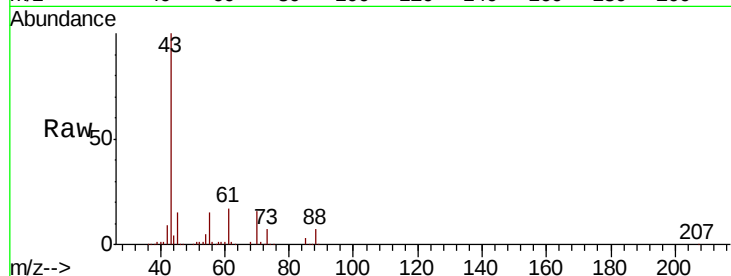




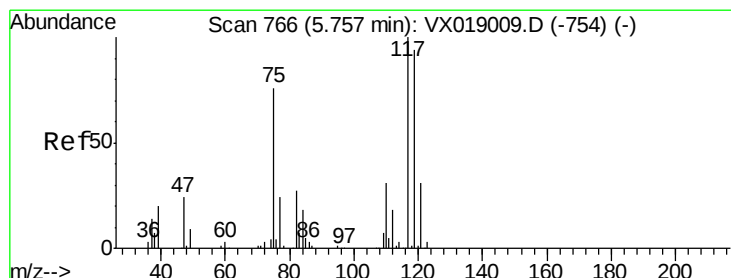
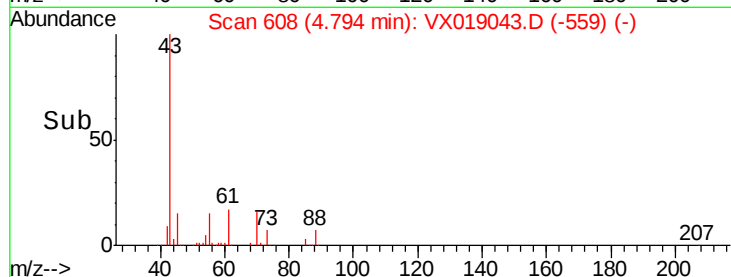
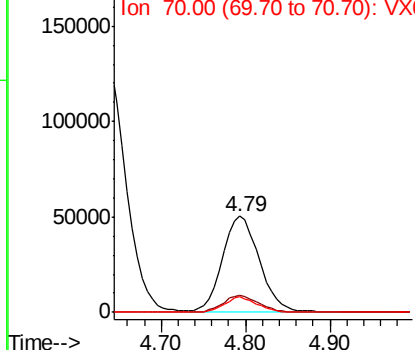
#37
Ethyl Acetate
Concen: 48.706 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 149589
Ion Ratio Lower Upper
43 100
61 17.2 13.8 20.8
70 14.2 11.4 17.2

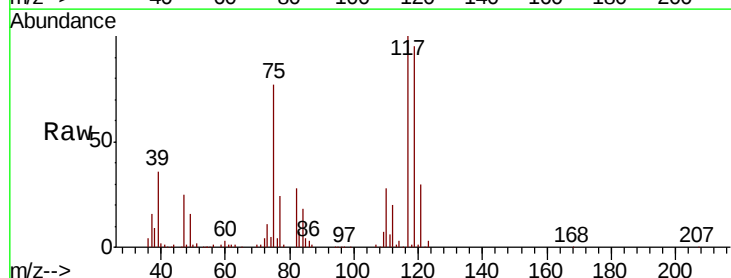


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

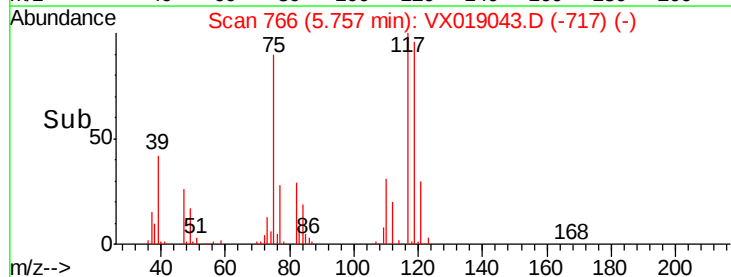
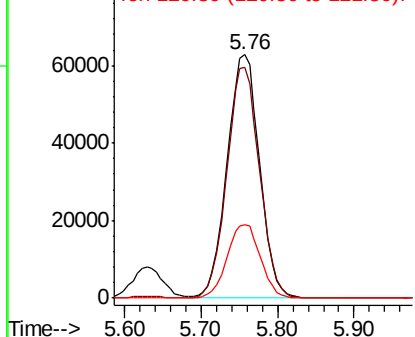


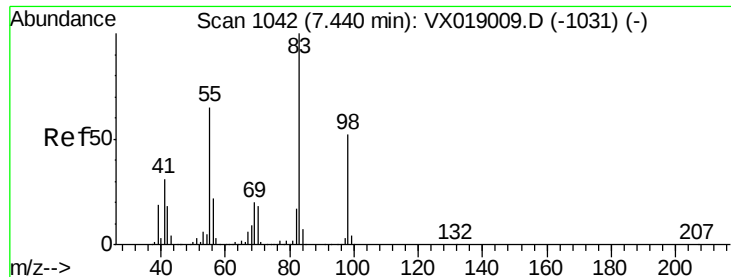
#38
Carbon Tetrachloride
Concen: 48.825 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 117 Resp: 184405
Ion Ratio Lower Upper
117 100
119 95.1 75.4 113.0
121 30.3 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

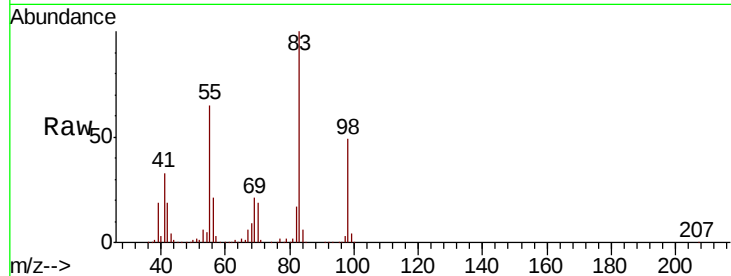




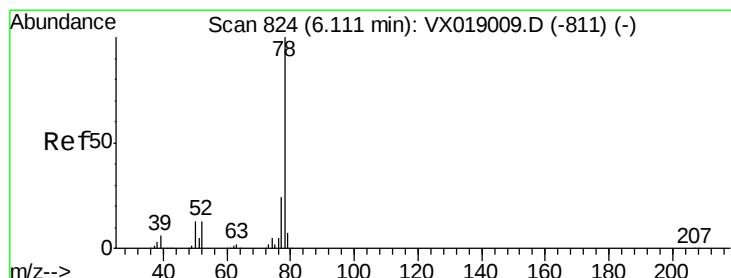
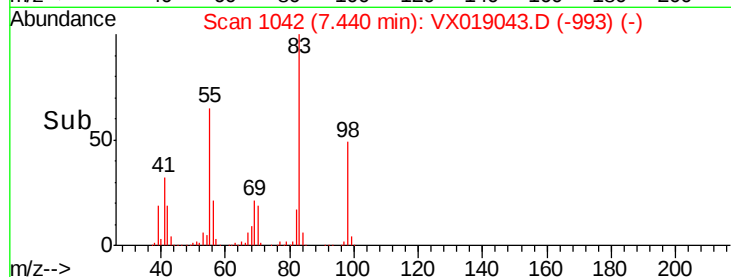
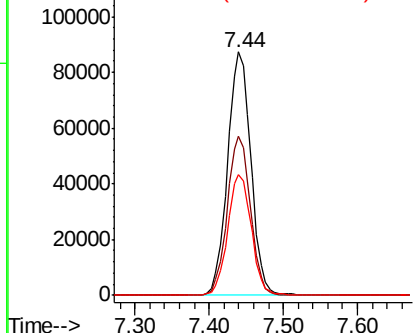
#39
Methvlcvclohexane
Concen: 47.679 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 192212
Ion Ratio Lower Upper
83 100
55 65.2 51.8 77.6
98 49.4 41.4 62.2

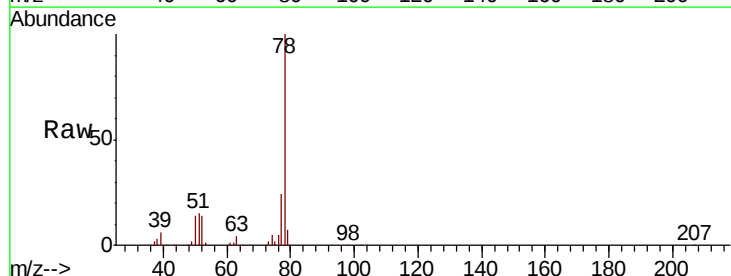


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

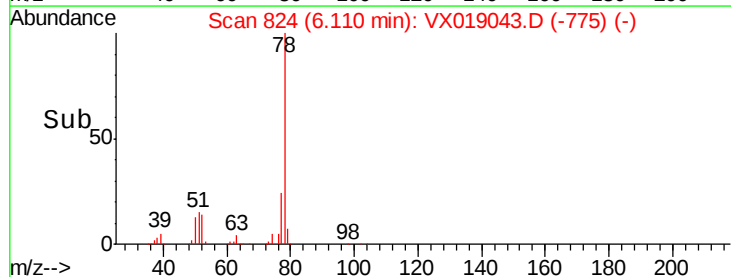
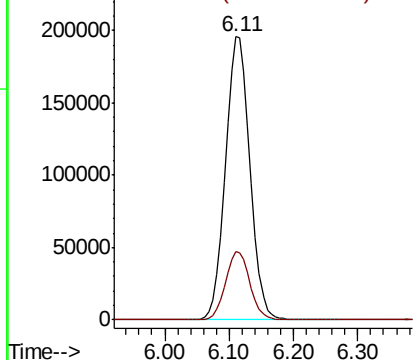


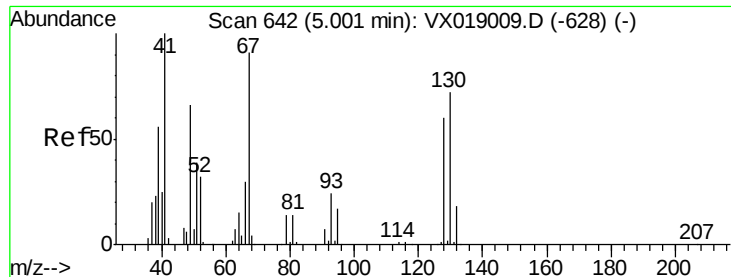
#40
Benzene
Concen: 49.324 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 78 Resp: 522711
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

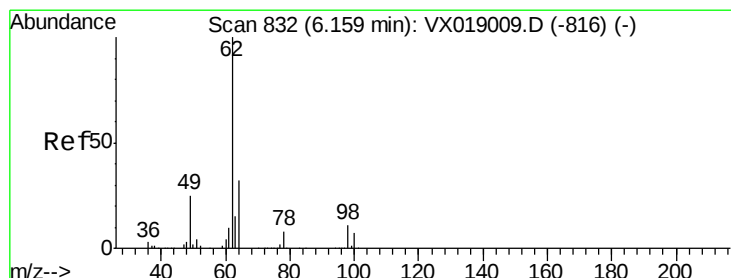
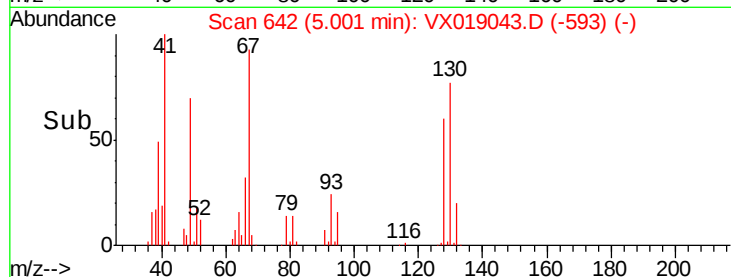
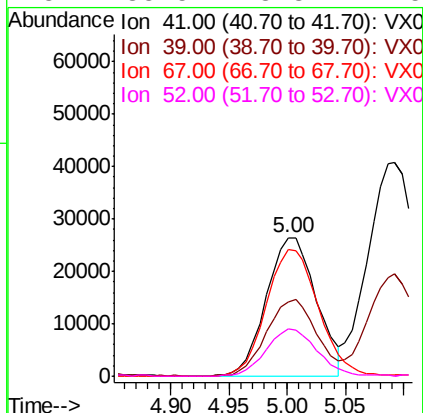
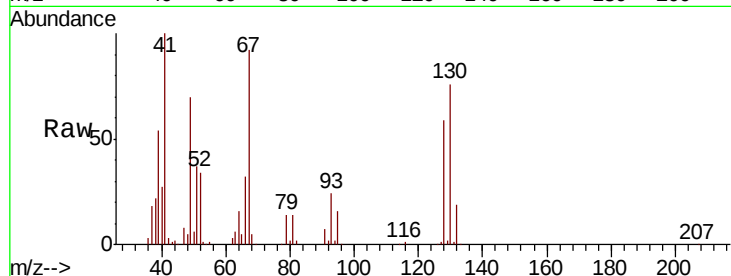




#41
Methacrylonitrile
Concen: 47.458 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

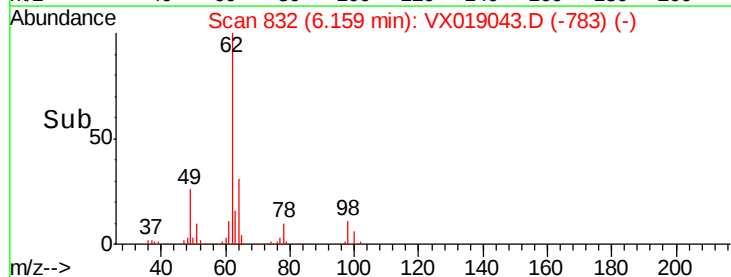
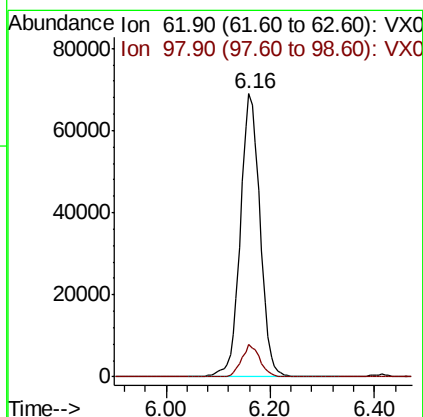
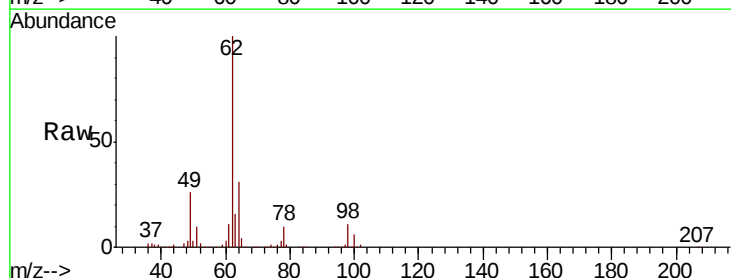
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

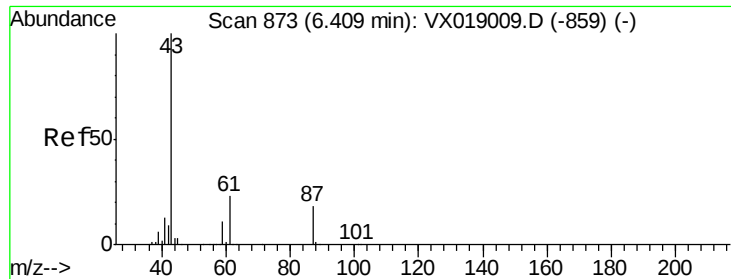
Tot Ion:	41	Resp:	78295
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.6	67.0
67	96.7	76.1	114.1
52	35.5	28.3	42.5



#42
1,2-Dichloroethane
Concen: 49.895 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion:	62	Resp:	180453
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



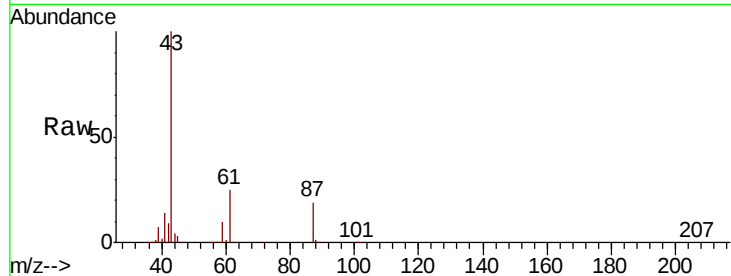


#43

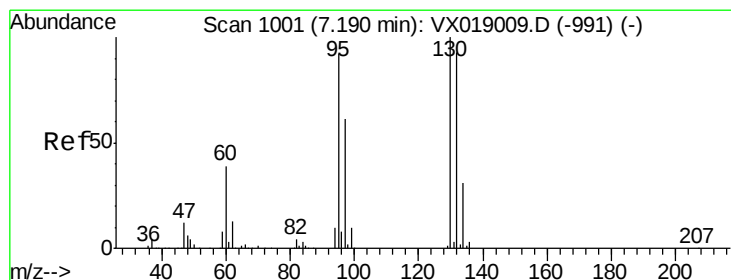
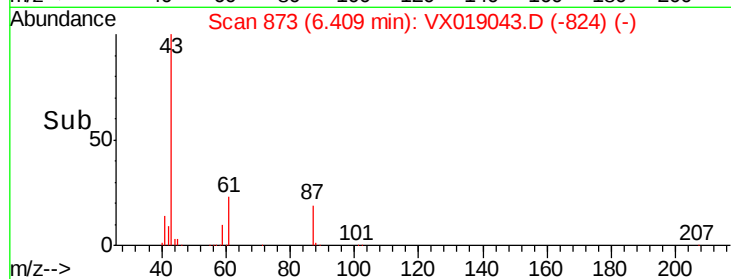
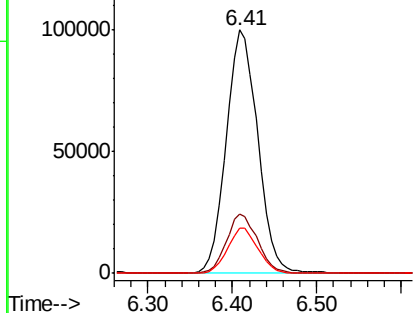
Isopropyl Acetate
 Concen: 48.558 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	252575
Ion Ratio	Lower	Upper	
43	100		
61	24.1	18.7	28.1
87	18.1	14.2	21.4



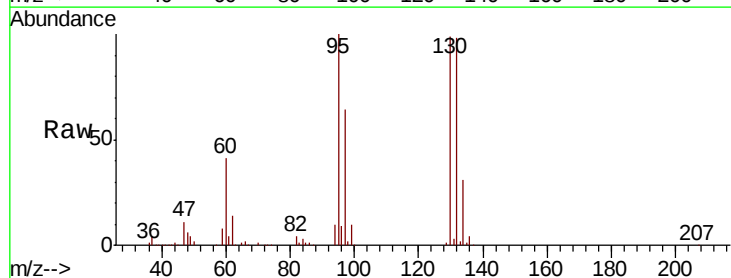
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



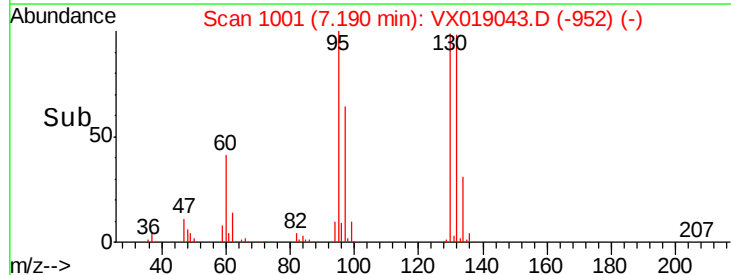
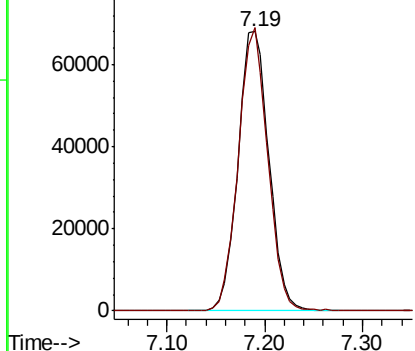
#44

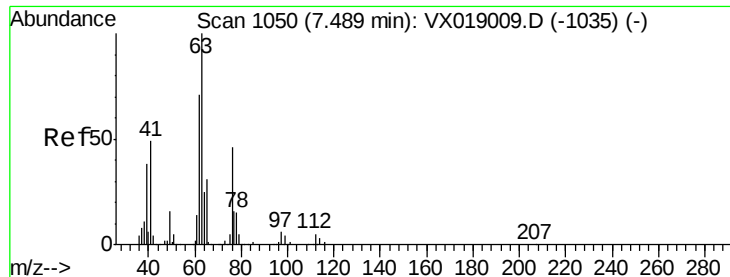
Trichloroethene
 Concen: 48.224 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	130	Resp	149038
Ion Ratio	Lower	Upper	
130	100		
95	101.5	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: 49.297 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

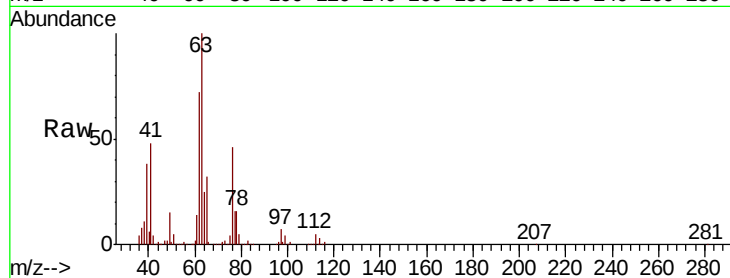
VSTDCCC050

Tot Ion: 63 Resp: 125314

Ion Ratio Lower Upper

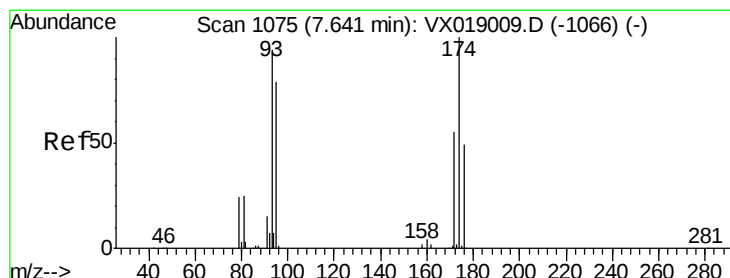
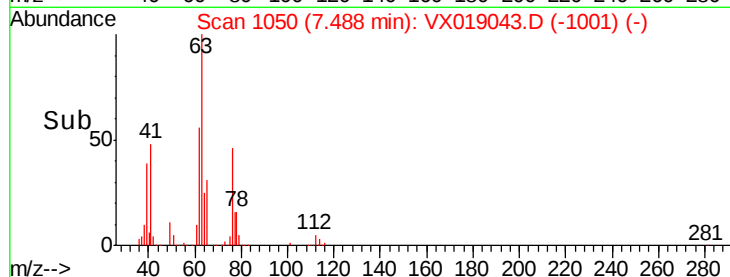
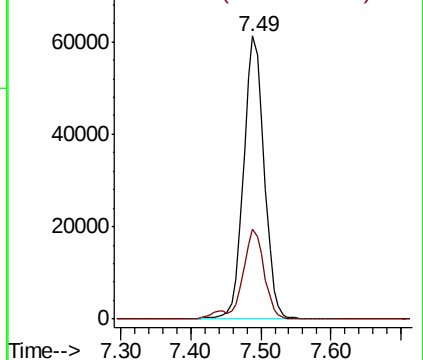
63 100

65 32.0 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.282 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

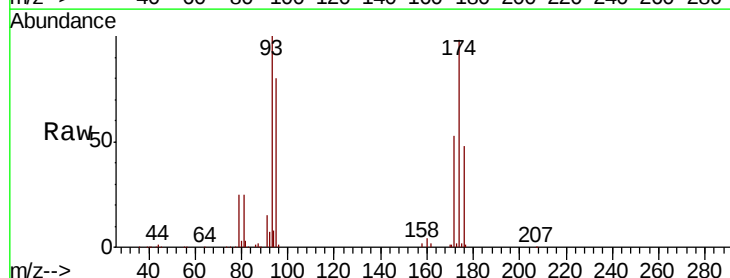
Tgt Ion: 93 Resp: 95417

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

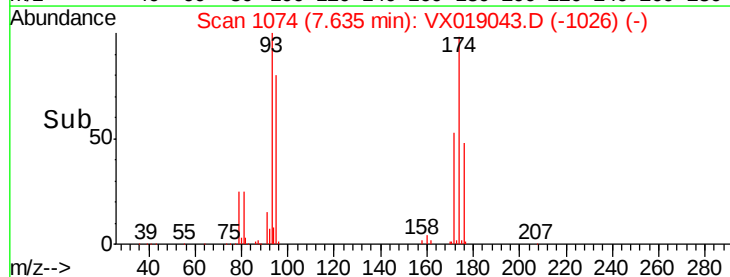
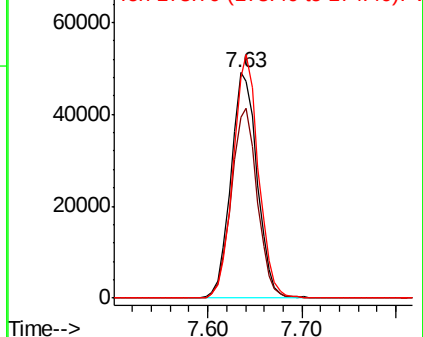
174 103.8 83.8 125.8

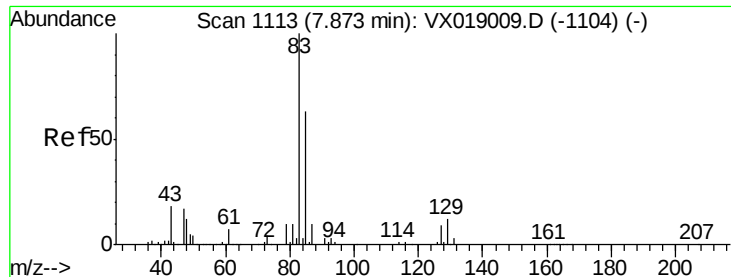


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.827 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

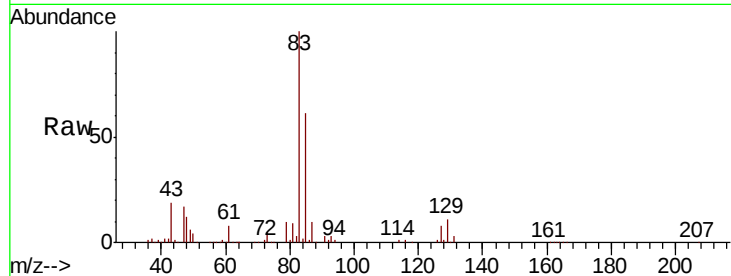
Tot Ion: 83 Resp: 189151

Ion Ratio Lower Upper

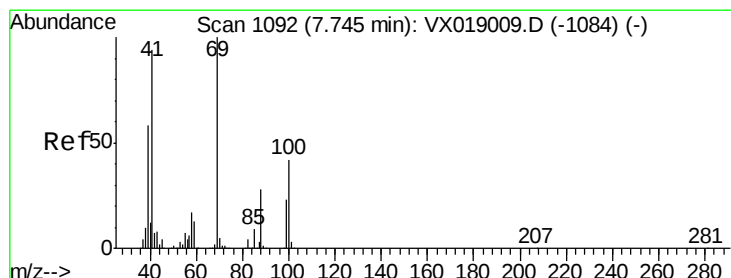
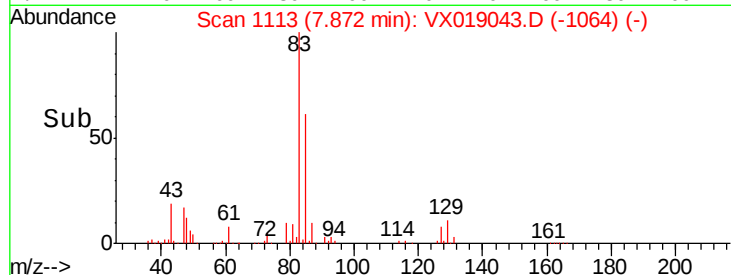
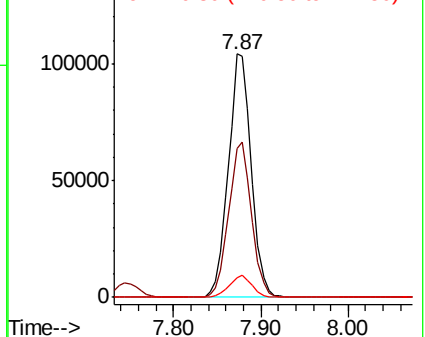
83 100

85 61.3 50.7 76.1

127 8.3 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: 47.404 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

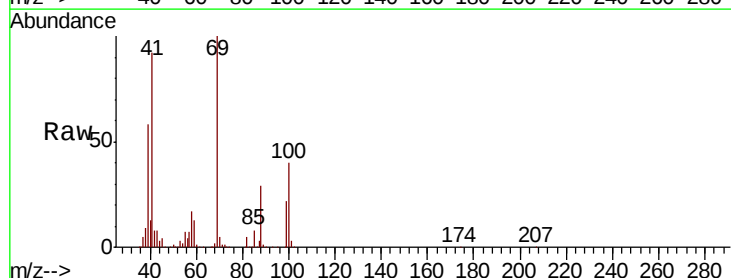
Tgt Ion: 41 Resp: 121493

Ion Ratio Lower Upper

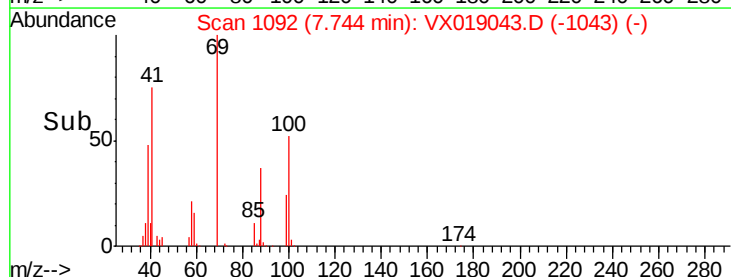
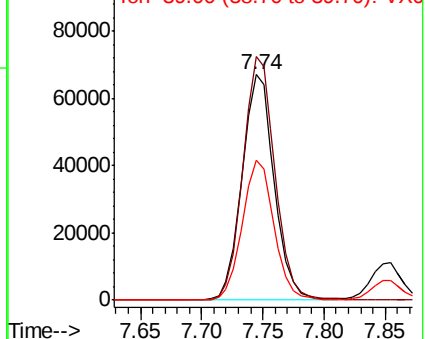
41 100

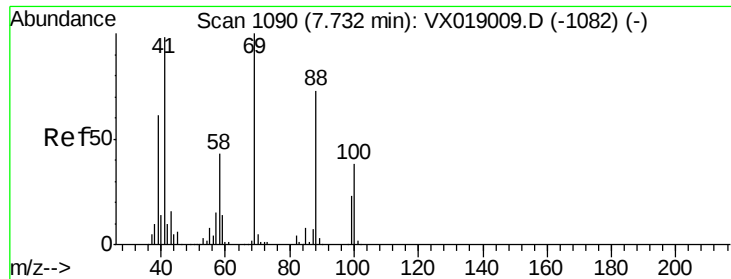
69 108.0 85.5 128.3

39 62.1 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

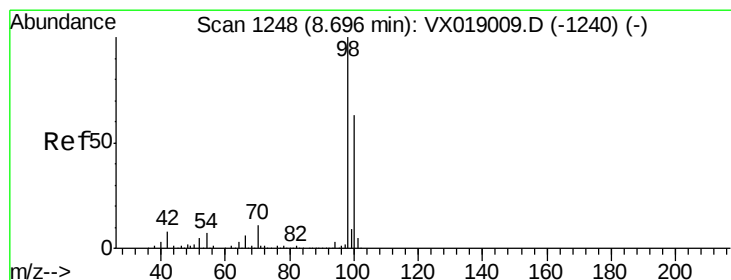
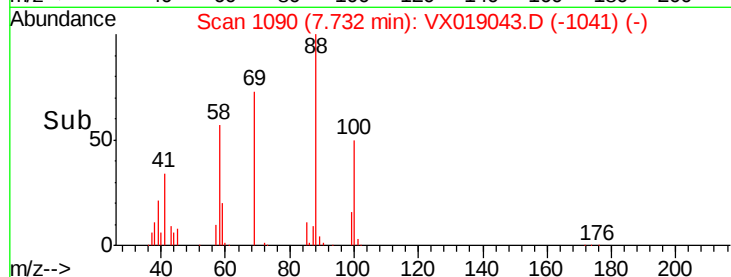
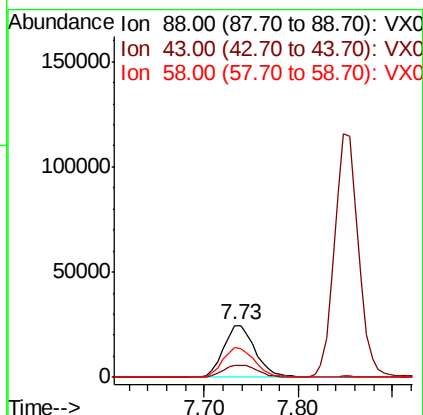
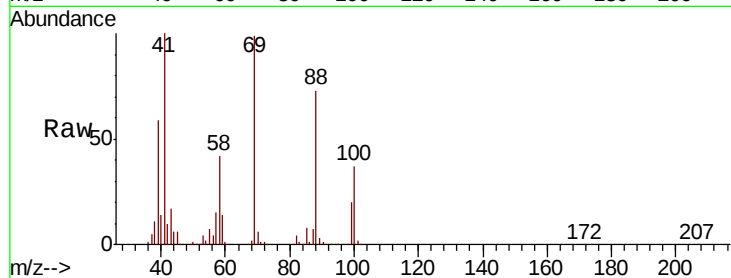




#49
 1,4-Dioxane
 Concen: 989.583 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

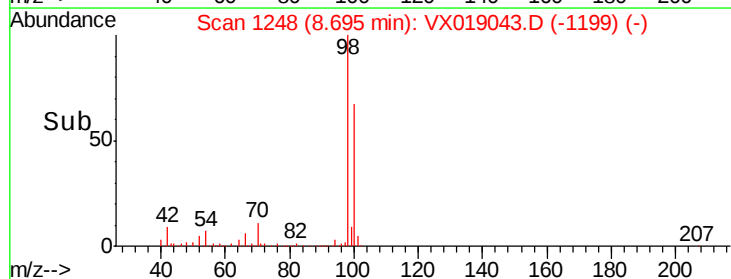
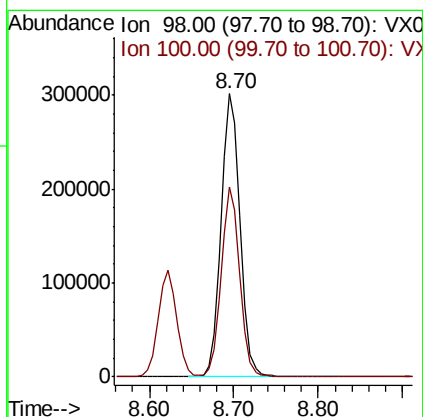
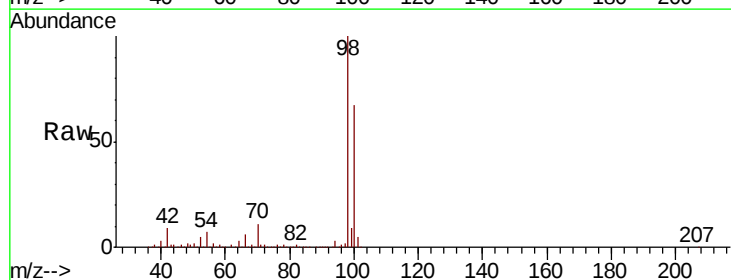
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

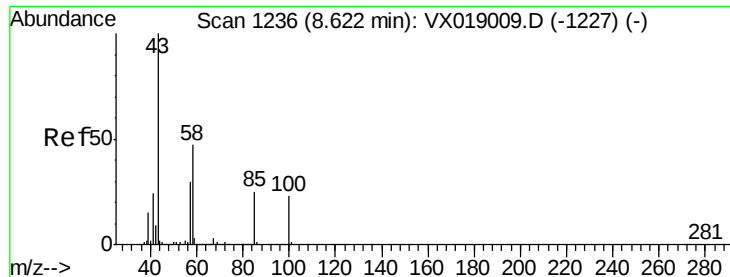
Tot Ion: 88 Resp: 57304
 Ion Ratio Lower Upper
 88 100
 43 24.0 20.3 30.5
 58 58.4 48.4 72.6



#50
 Toluene-d8
 Concen: 48.424 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 98 Resp: 469177
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 249.944 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

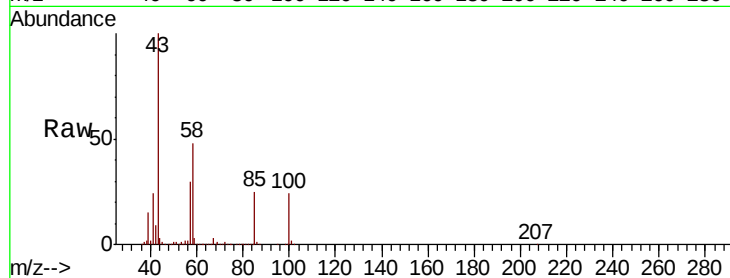
VSTDCCC050

Tot Ion: 43 Resp: 766078

Ion Ratio Lower Upper

43 100

58 47.1 37.4 56.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

500000

400000

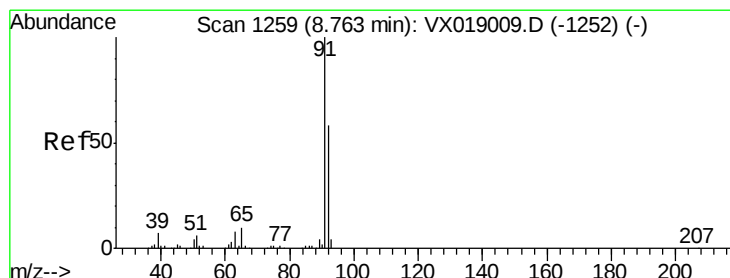
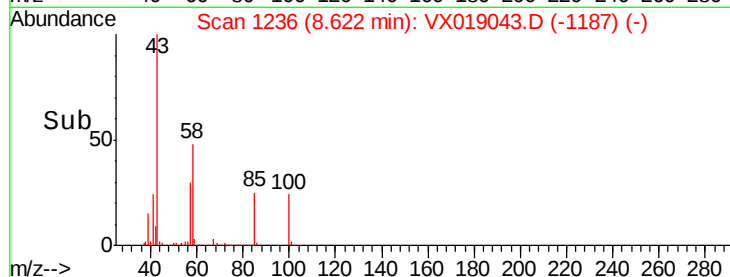
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.460 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019043.D

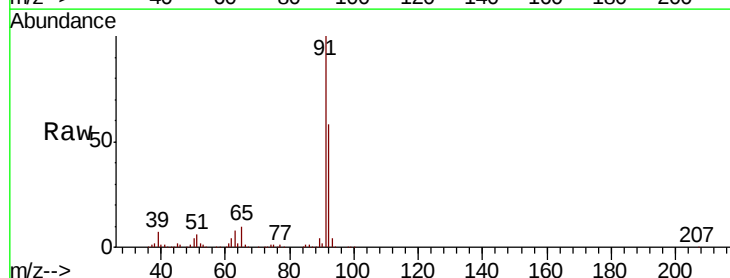
Acq: 22 Oct 2020 21:58

Tgt Ion: 92 Resp: 346200

Ion Ratio Lower Upper

92 100

91 172.7 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

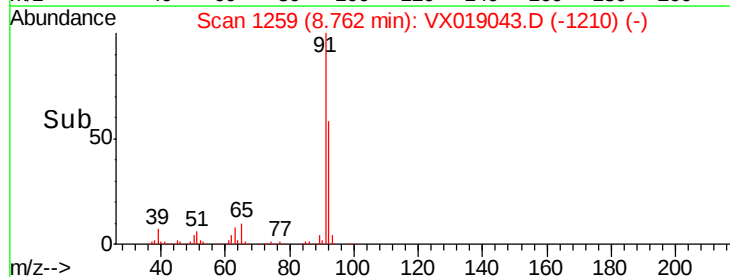
300000

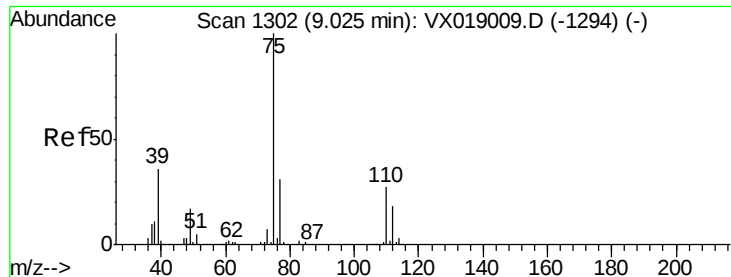
200000

100000

0

Time-->

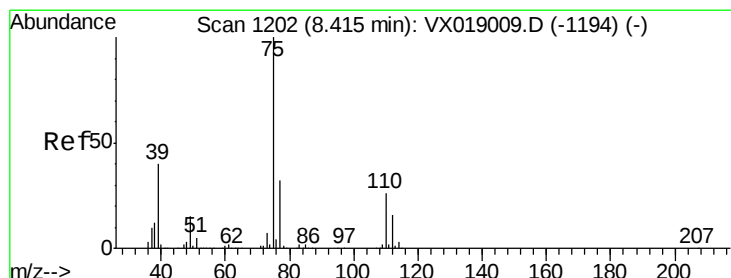
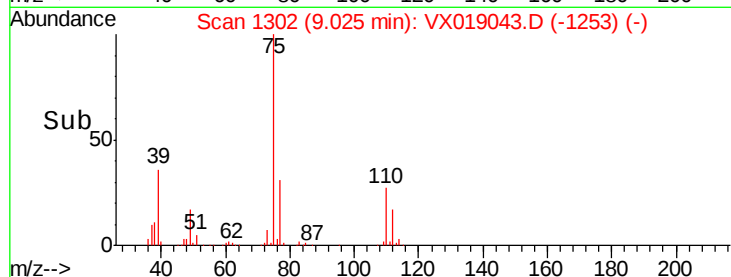
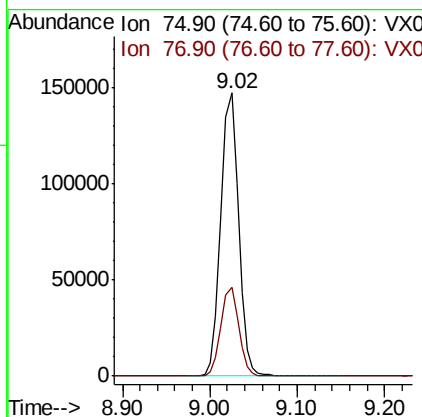
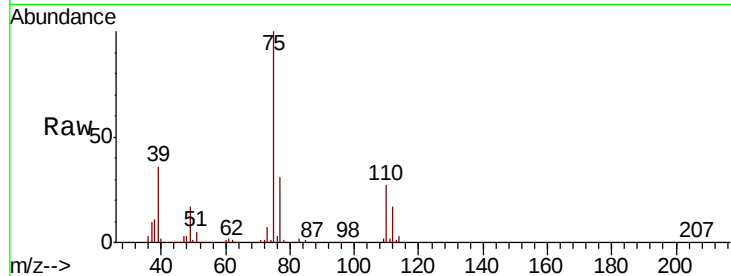




#53
t-1,3-Dichloropropene
Concen: 48.550 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

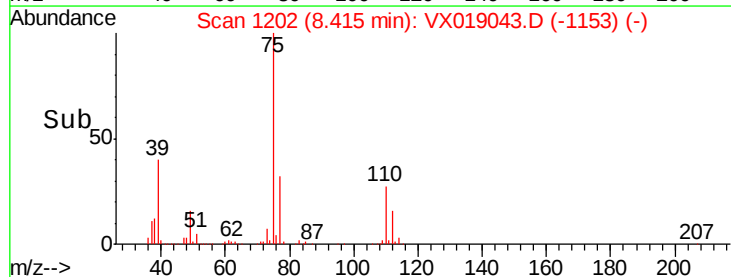
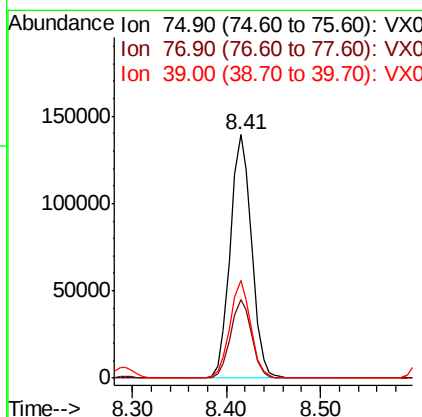
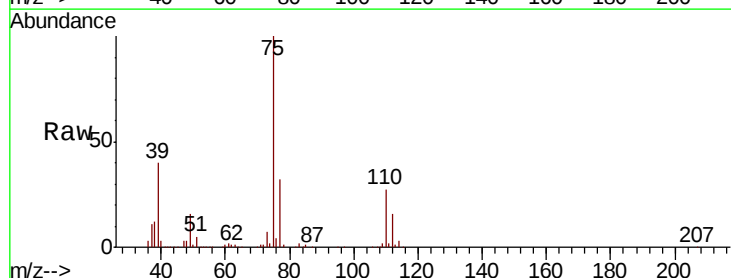
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

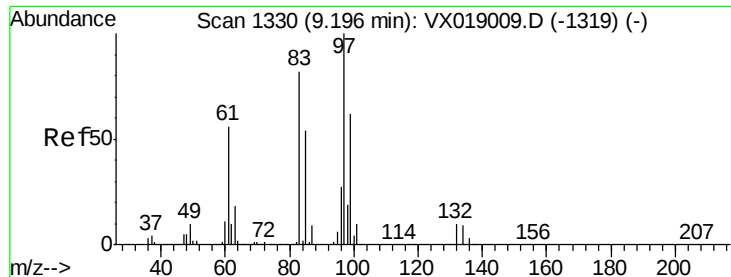
Tot Ion: 75 Resp: 208127
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 48.400 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 75 Resp: 219103
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
39 40.3 31.7 47.5

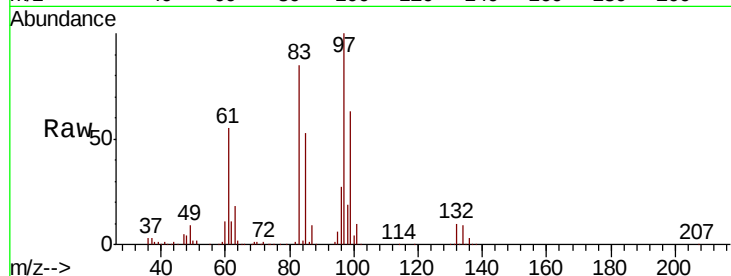




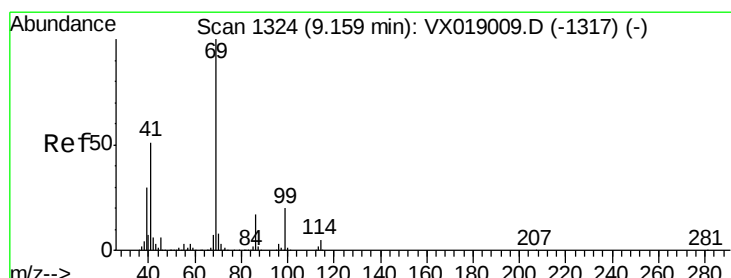
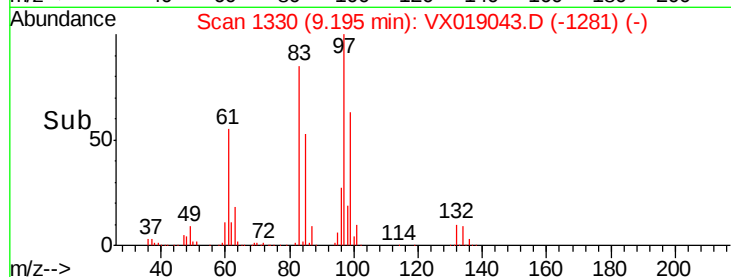
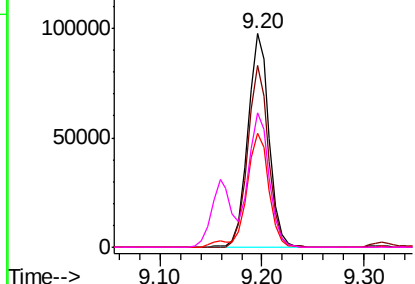
#55
 1,1,2-Trichloroethane
 Concen: 49.481 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	141192
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.4	98.2
85	53.4	43.3	64.9
99	62.9	50.0	75.0

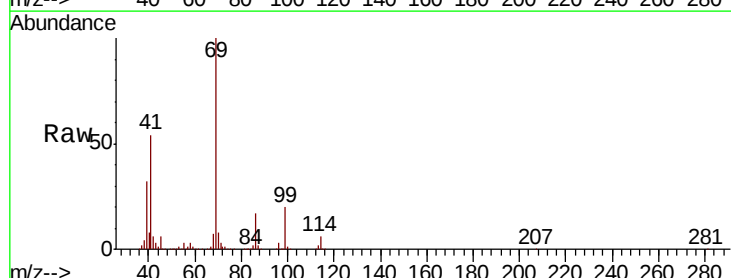


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

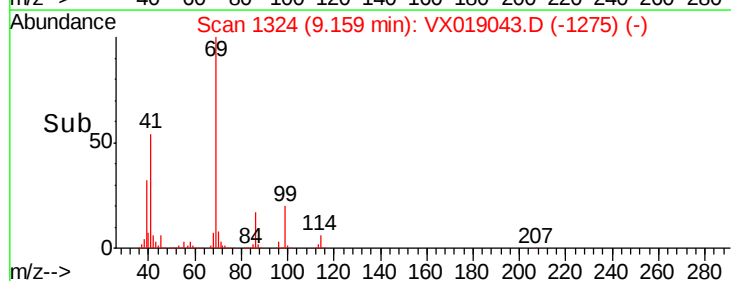
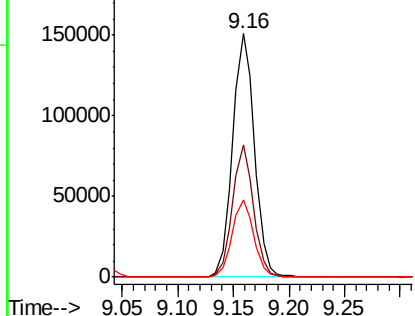


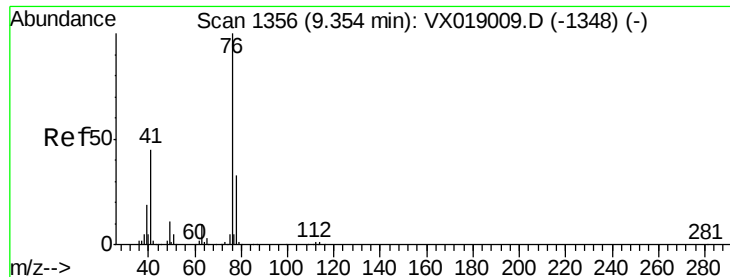
#56
 Ethyl methacrylate
 Concen: 49.935 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion:	69	Resp:	204995
Ion	Ratio	Lower	Upper
69	100		
41	52.3	41.1	61.7
39	31.6	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: 50.163 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

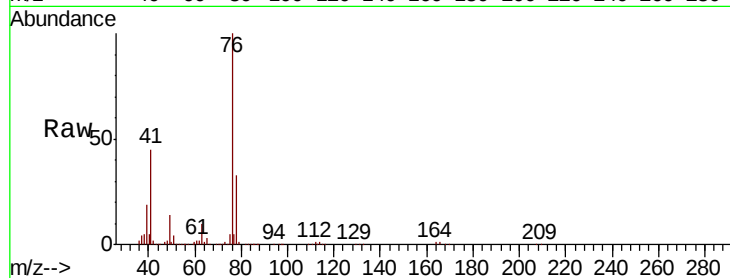
VSTDCCC050

Tot Ion: 76 Resp: 227196

Ion Ratio Lower Upper

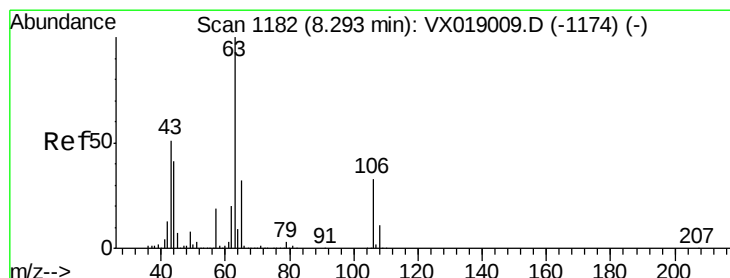
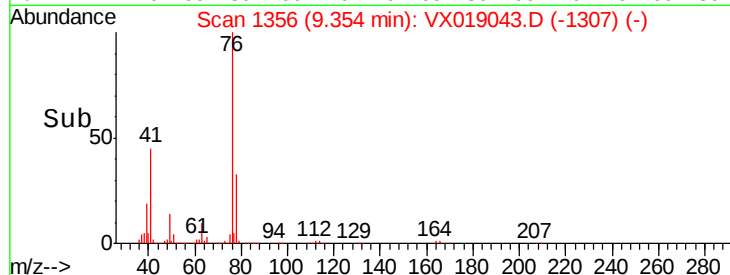
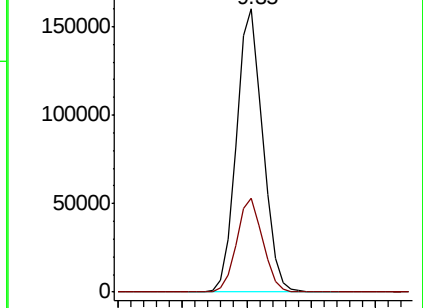
76 100

78 32.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 244.762 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019043.D

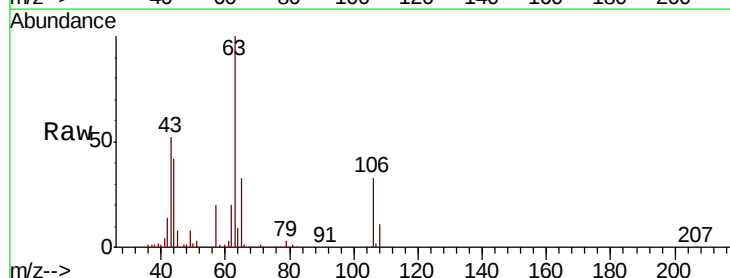
Acq: 22 Oct 2020 21:58

Tgt Ion: 63 Resp: 527834

Ion Ratio Lower Upper

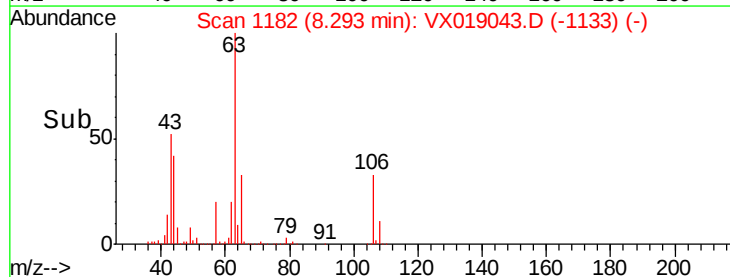
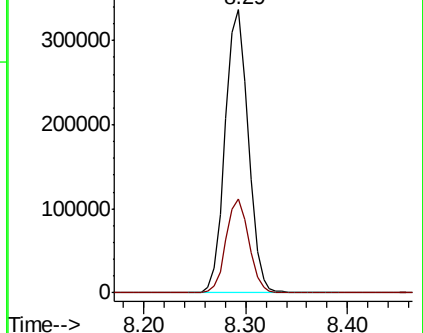
63 100

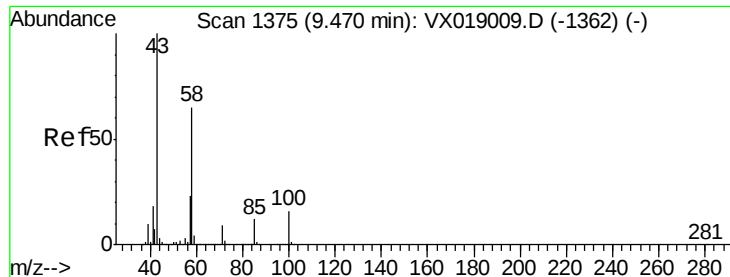
106 32.9 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

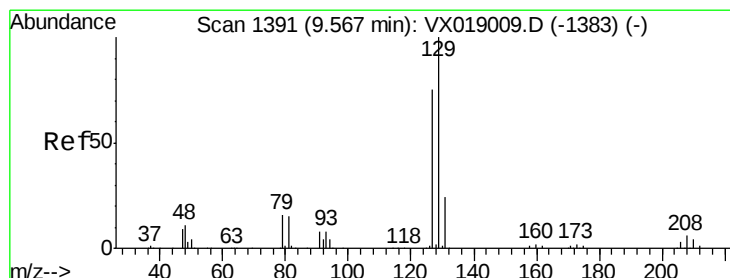
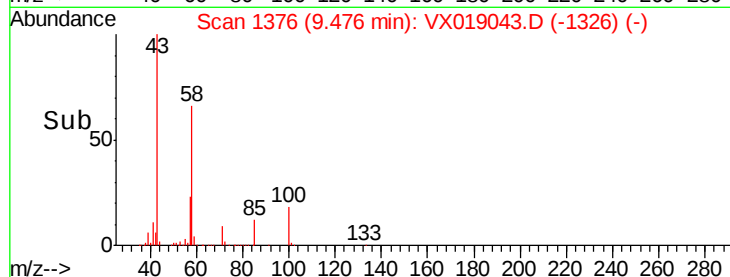
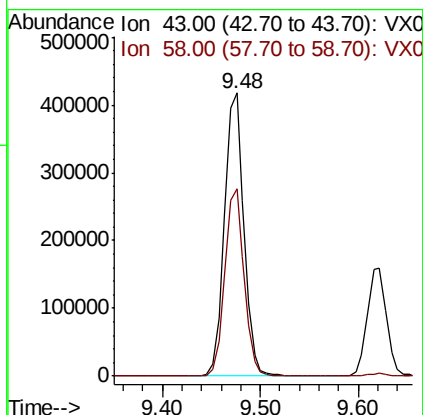
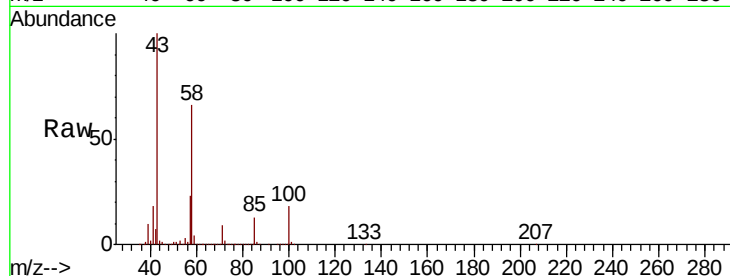




#59
2-Hexanone
Concen: 251.956 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

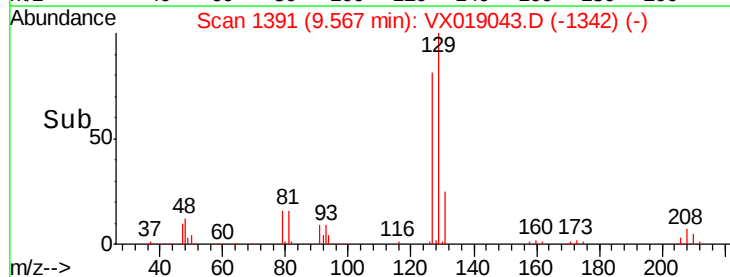
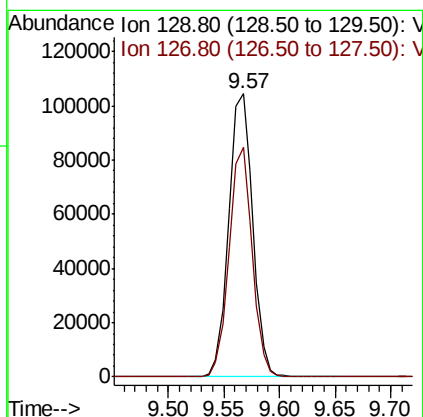
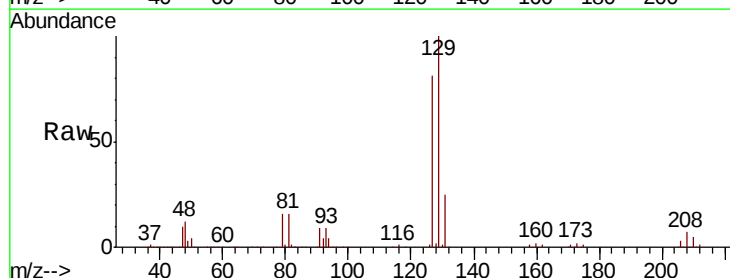
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

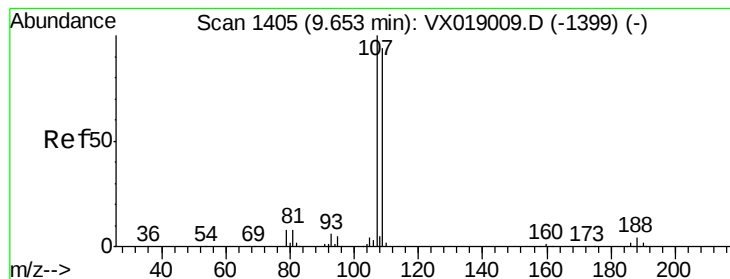
Tot Ion: 43 Resp: 575489
Ion Ratio Lower Upper
43 100
58 65.7 32.8 98.4



#60
Dibromochloromethane
Concen: 49.975 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 129 Resp: 155426
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 49.872 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

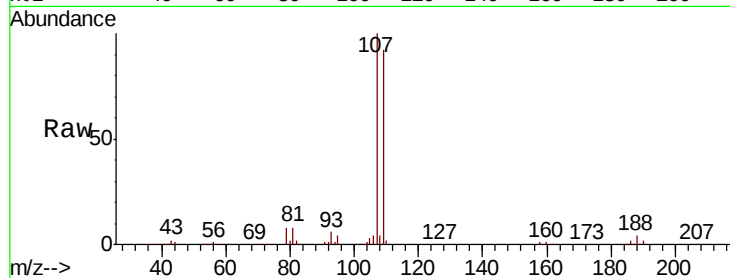
VSTDCCC050

Tot Ion:107 Resp: 152259

Ion Ratio Lower Upper

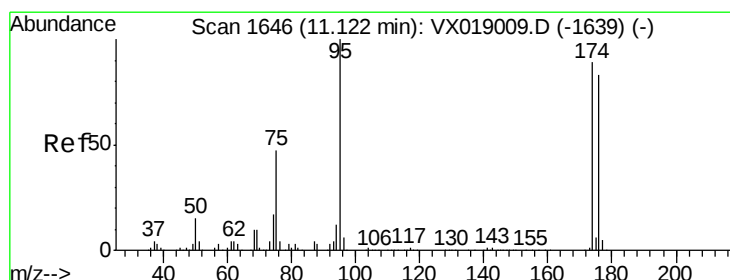
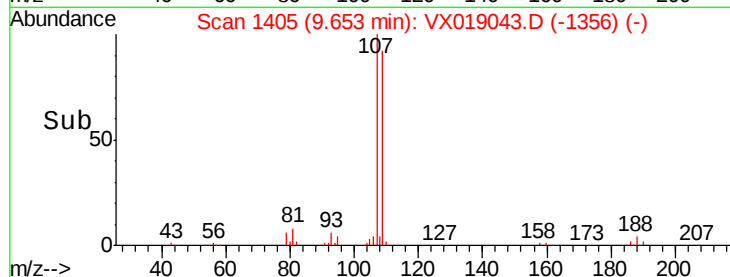
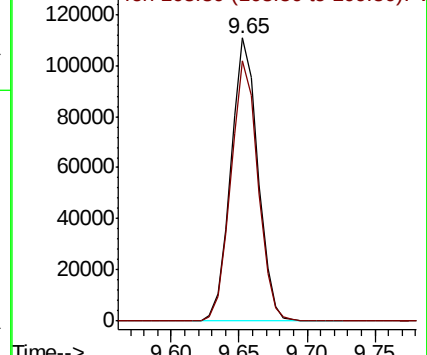
107 100

109 93.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.419 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

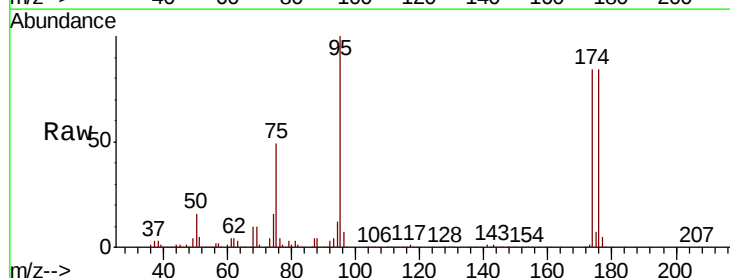
Tgt Ion: 95 Resp: 170315

Ion Ratio Lower Upper

95 100

174 81.8 0.0 167.6

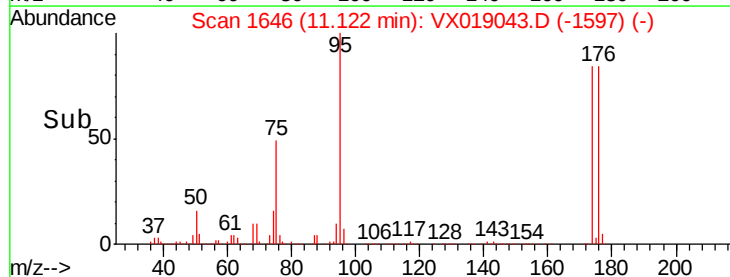
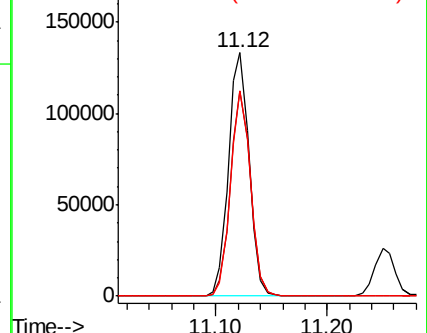
176 81.9 0.0 165.2

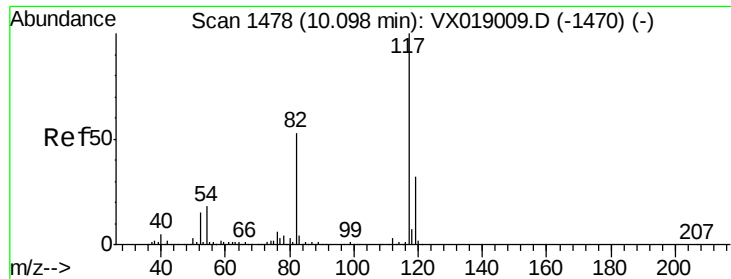


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

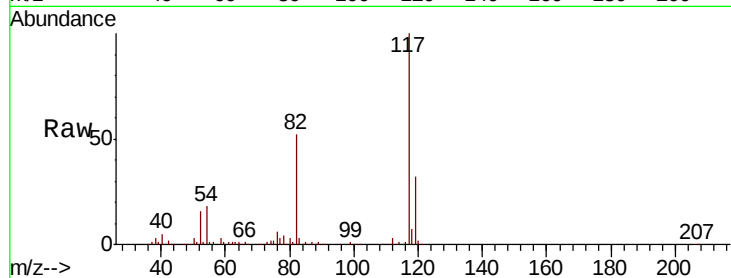




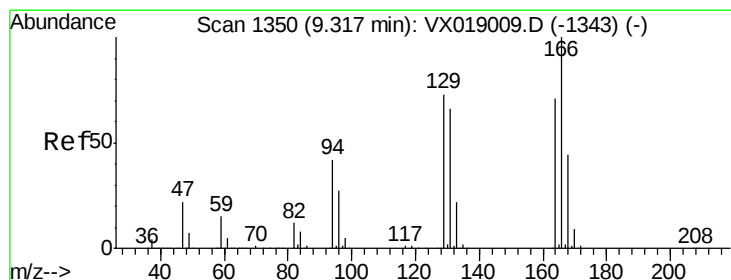
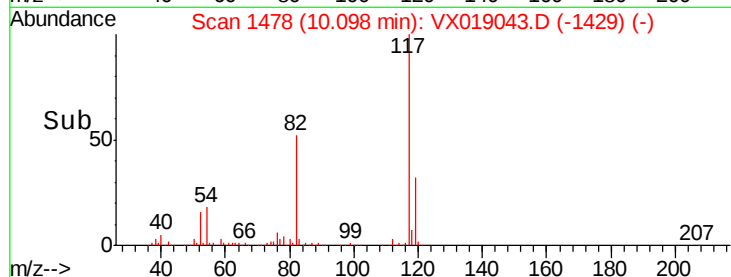
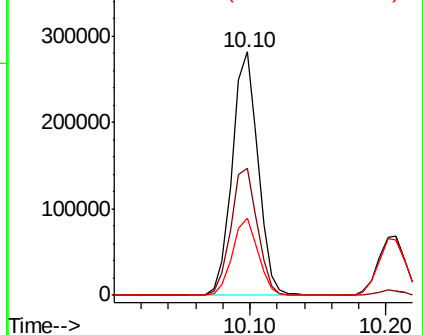
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	31.9	25.6	38.4



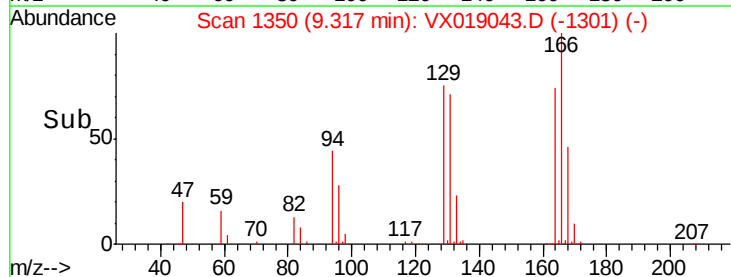
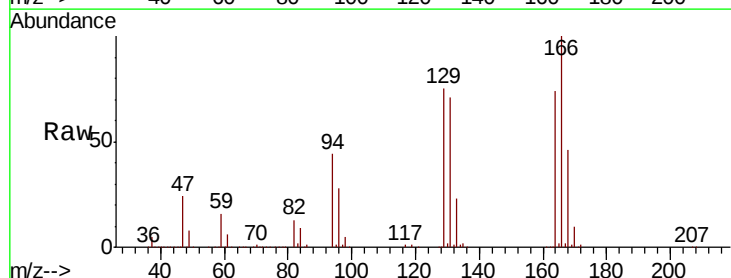
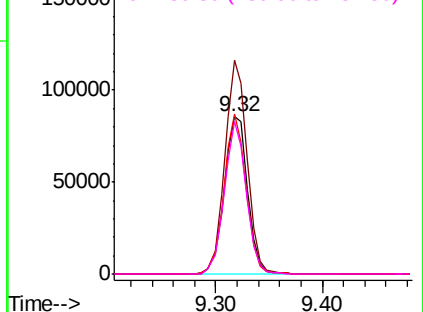
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

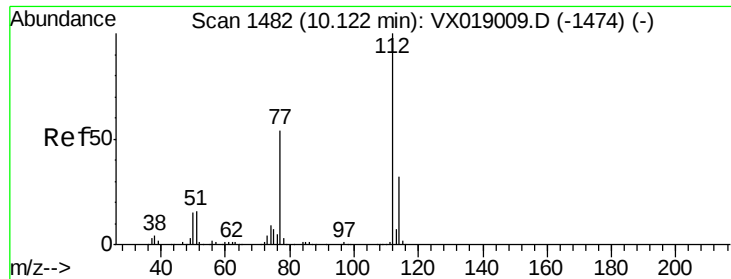


#64
Tetrachloroethene
Concen: 46.186 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.0	112.2	168.4
129	101.7	81.8	122.8
131	96.7	74.6	112.0

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

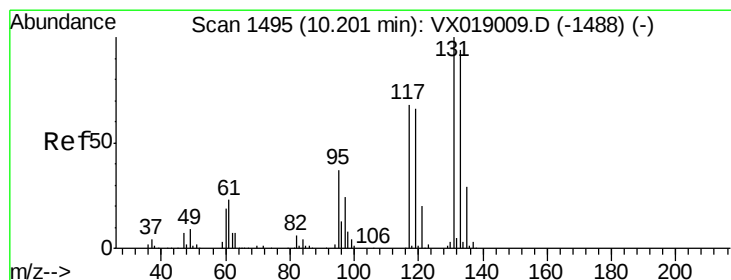
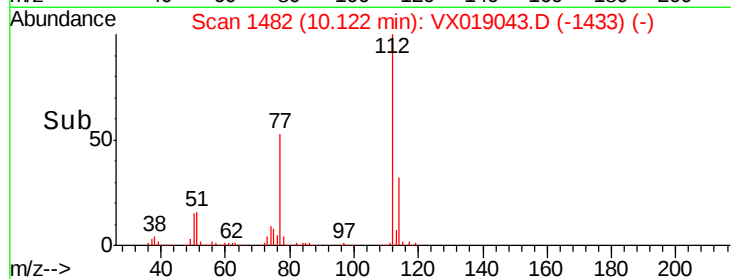
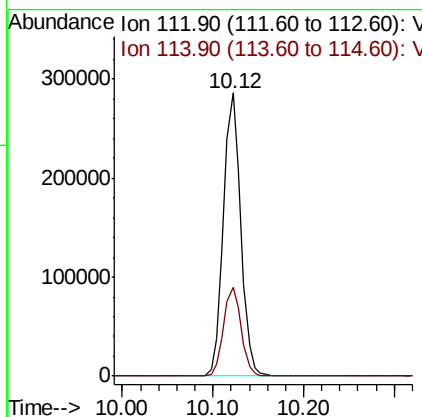
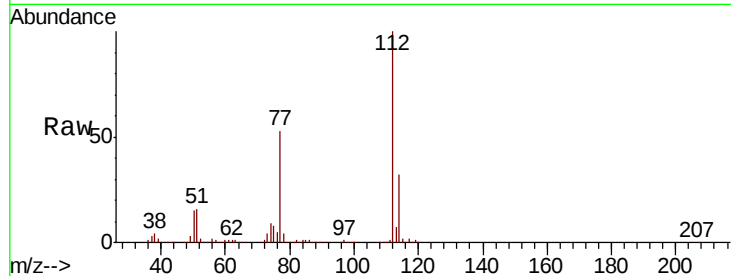




#65
Chlorobenzene
Concen: 49.025 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

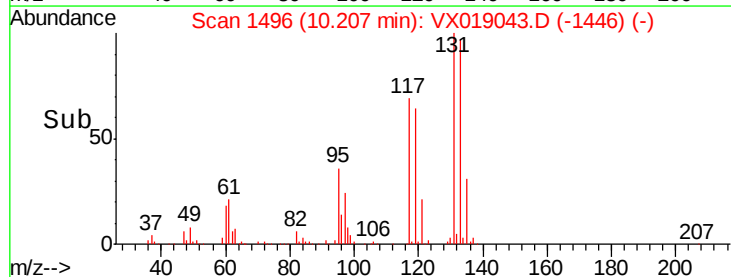
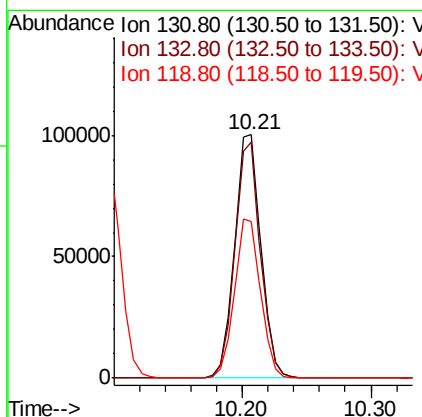
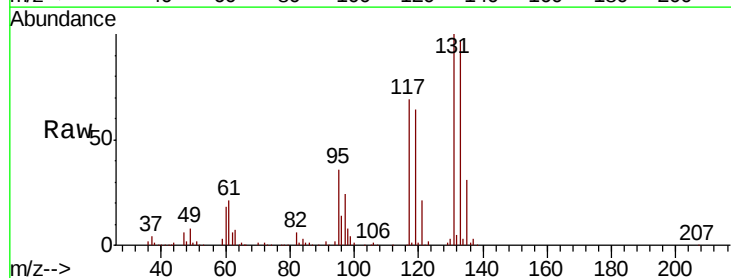
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

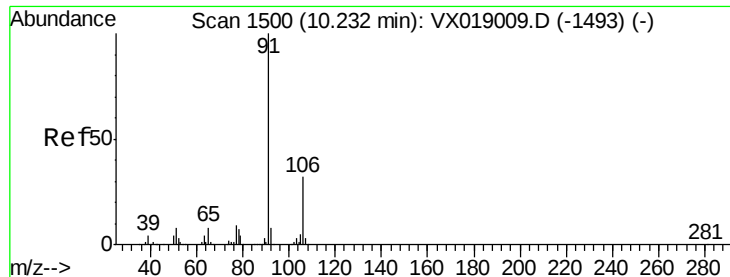
Tot Ion:112 Resp: 381915
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.205 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion:131 Resp: 141822
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.2
119 65.1 32.9 98.7

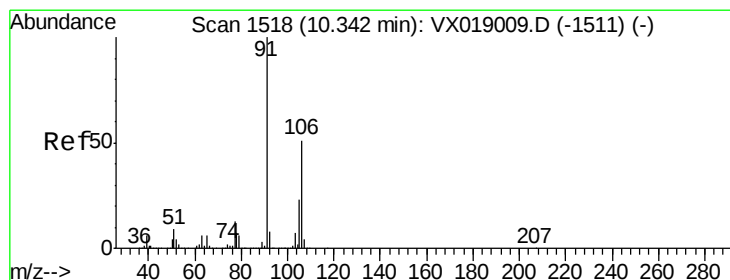
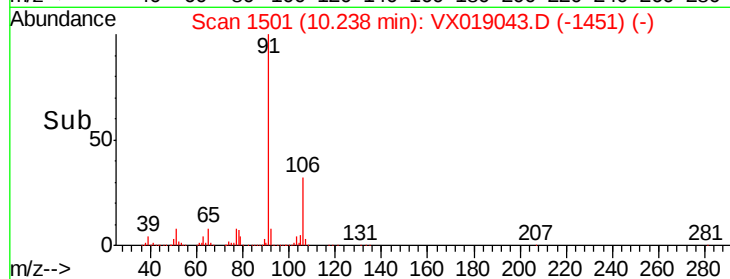
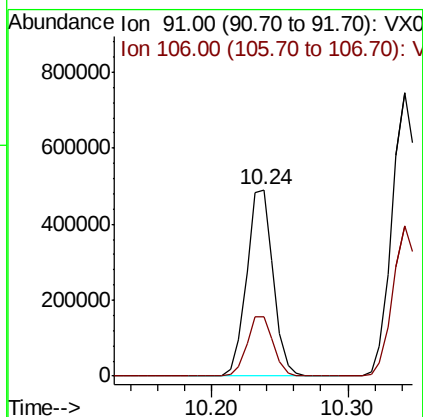
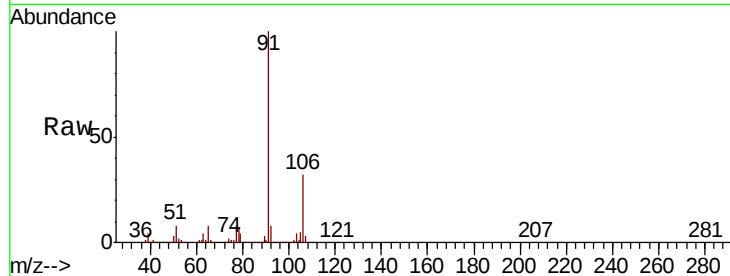




#67
Ethyl Benzene
Concen: 49.774 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

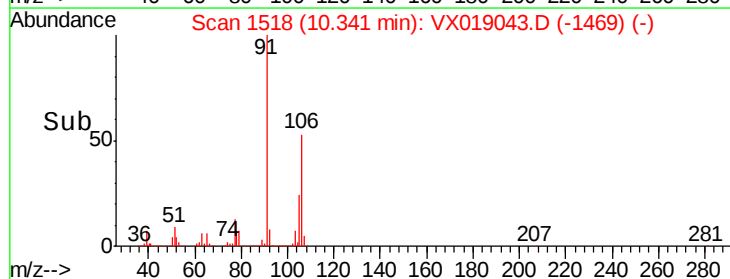
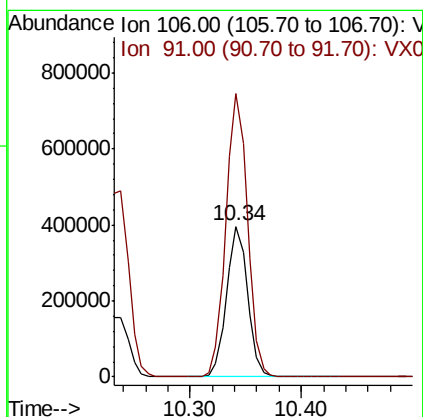
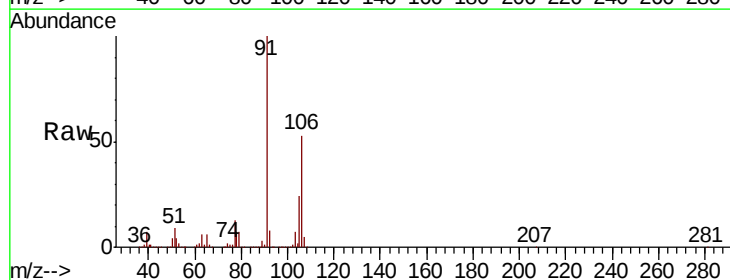
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

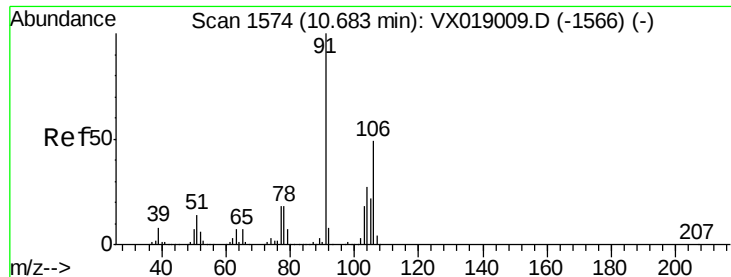
Tot Ion: 91 Resp: 668384
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 100.853 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion: 106 Resp: 518778
Ion Ratio Lower Upper
106 100
91 193.1 156.9 235.3

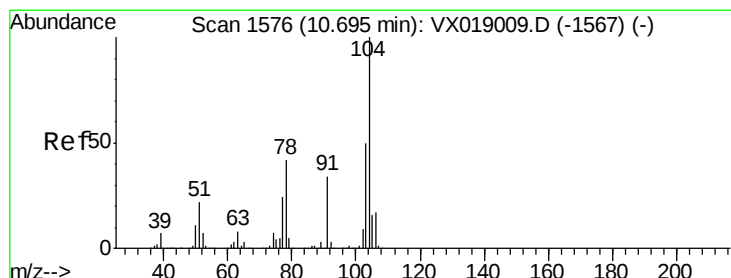
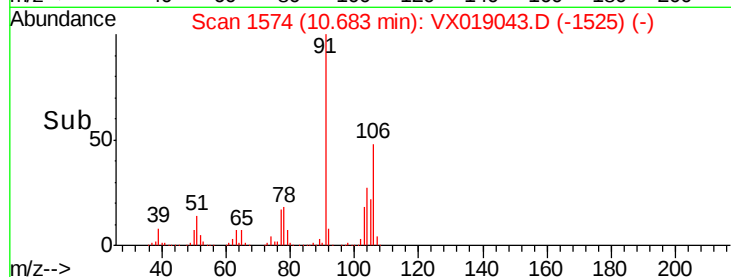
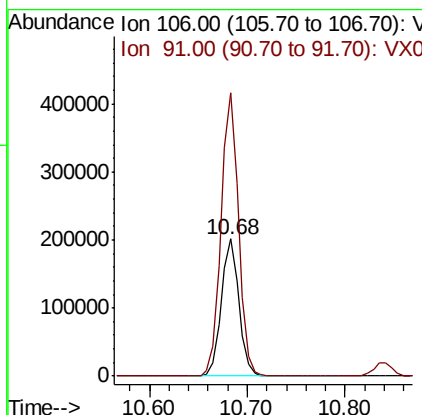
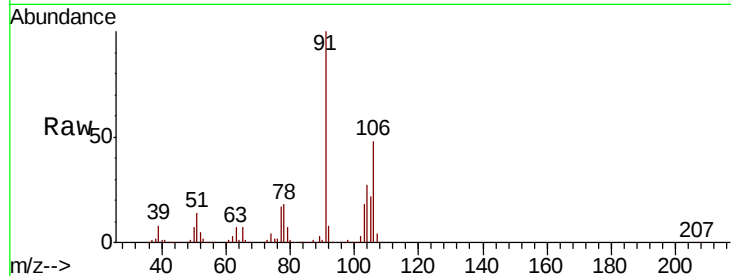




#69
o-Xylene
Concen: 50.623 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

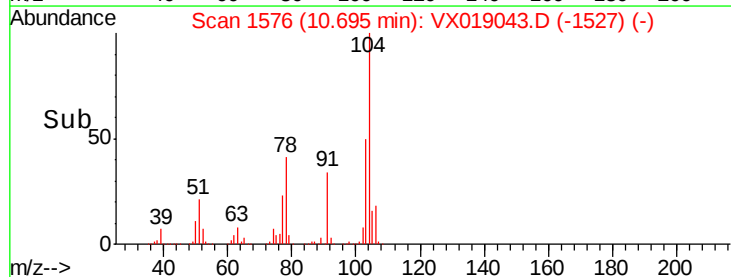
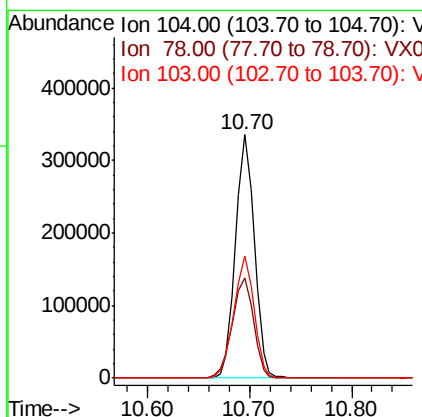
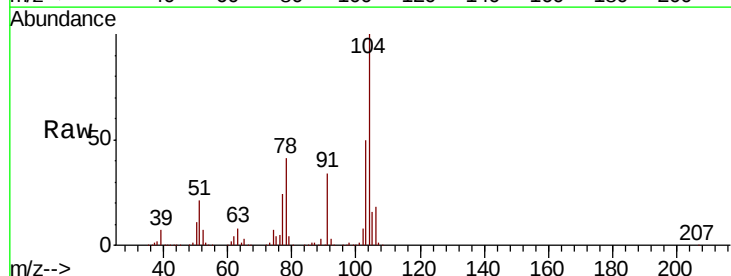
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

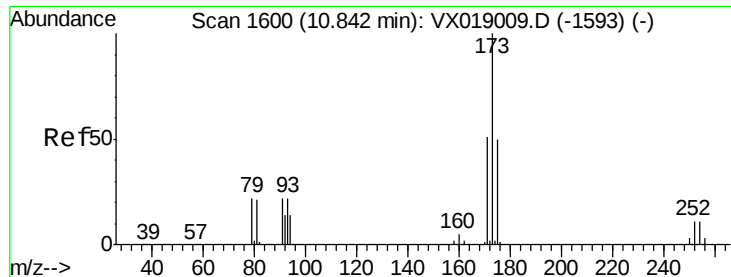
Tot Ion:106 Resp: 249221
Ion Ratio Lower Upper
106 100
91 206.3 104.0 312.0



#70
Styrene
Concen: 51.229 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019043.D
Acq: 22 Oct 2020 21:58

Tgt Ion:104 Resp: 428191
Ion Ratio Lower Upper
104 100
78 46.6 37.7 56.5
103 53.9 43.5 65.3





#71

Bromoform

Concen: 51.739 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

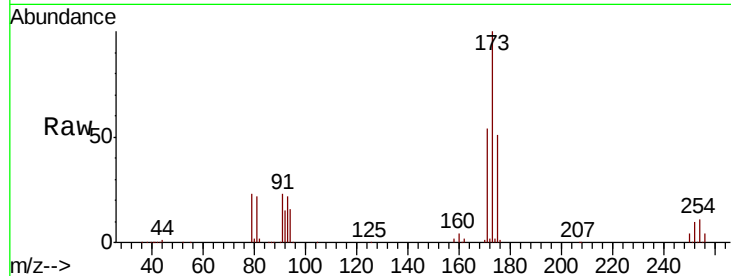
Tot Ion:173 Resp: 115681

Ion Ratio Lower Upper

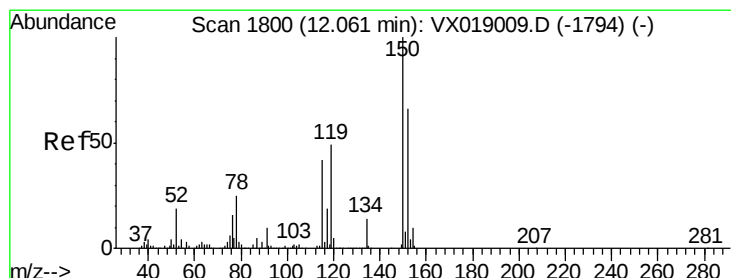
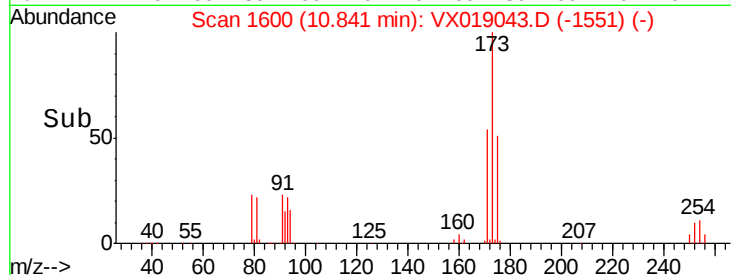
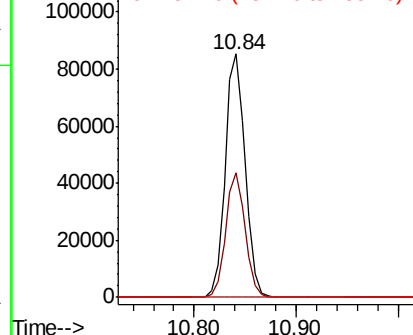
173 100

175 49.7 24.1 72.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

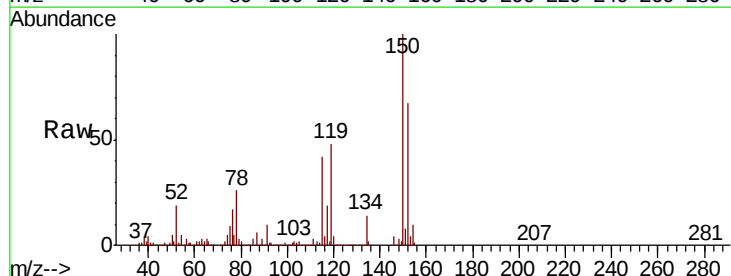
Tgt Ion:152 Resp: 190139

Ion Ratio Lower Upper

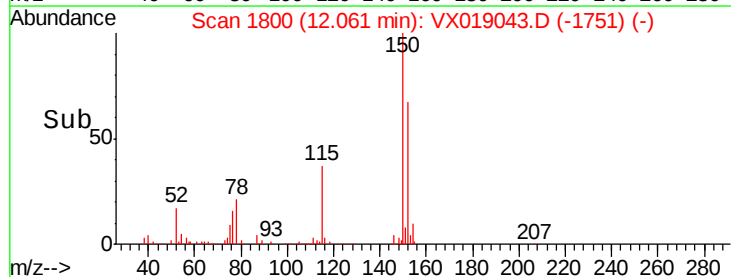
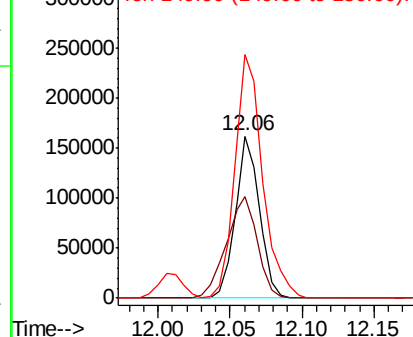
152 100

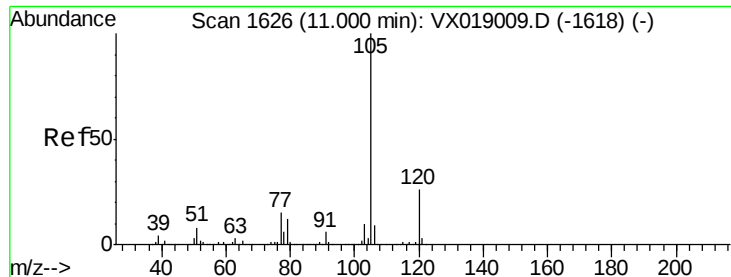
115 80.4 40.8 122.5

150 173.6 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: 48.719 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

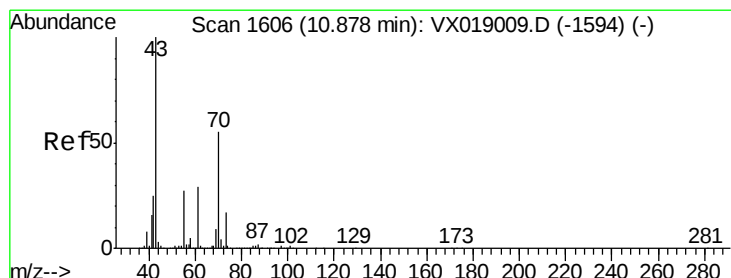
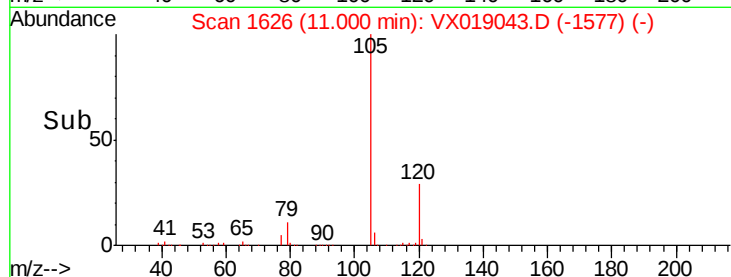
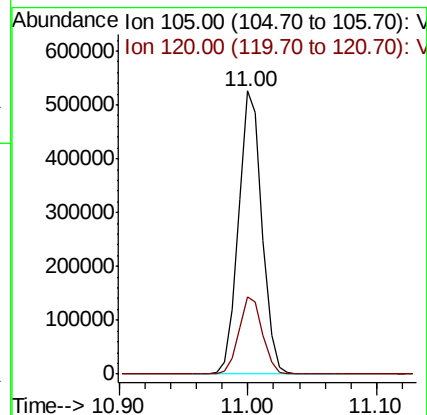
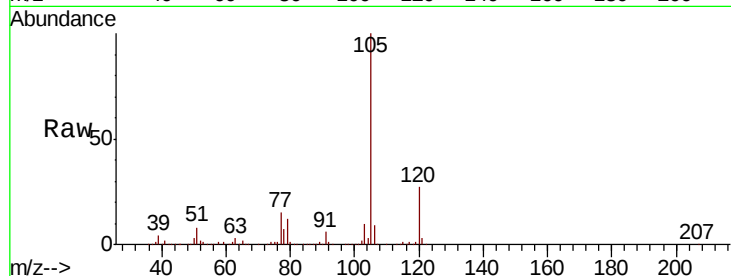
VSTDCCC050

Tot Ion:105 Resp: 666387

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 49.760 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion: 43 Resp: 218071

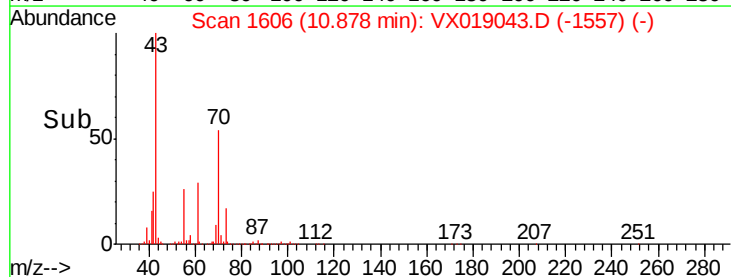
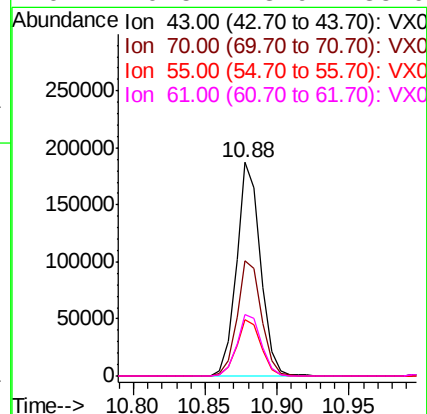
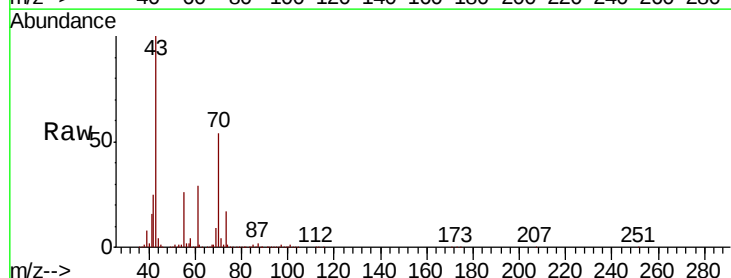
Ion Ratio Lower Upper

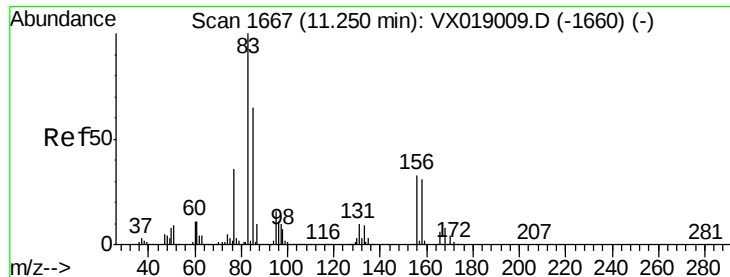
43 100

70 55.0 44.5 66.7

55 27.0 21.9 32.9

61 29.5 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

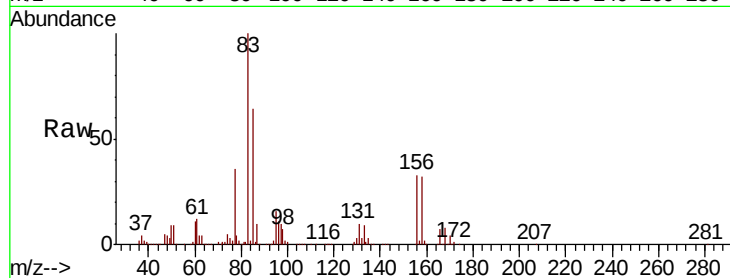
Tot Ion: 83 Resp: 207328

Ion Ratio Lower Upper

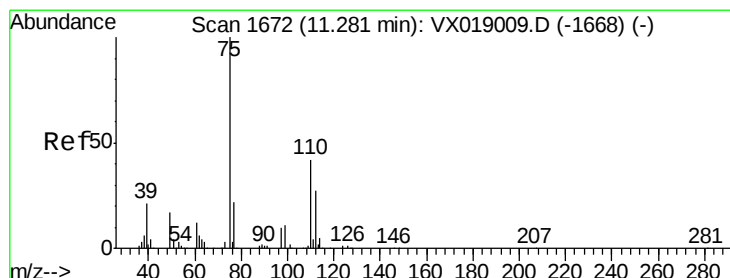
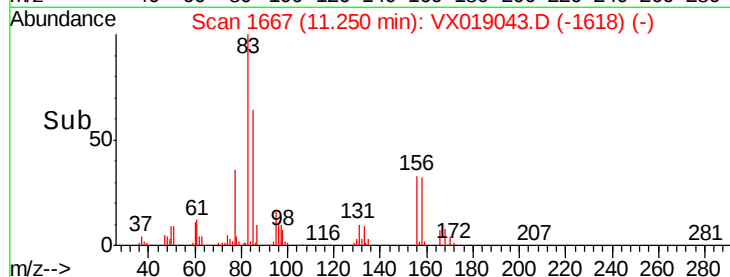
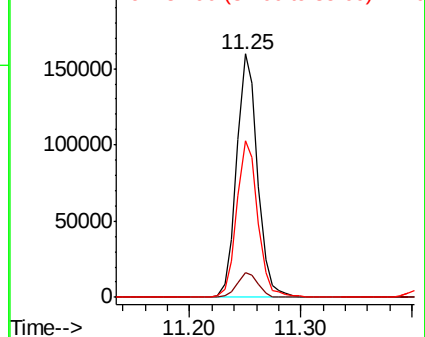
83 100

131 10.3 5.1 15.4

85 65.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.495 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019043.D

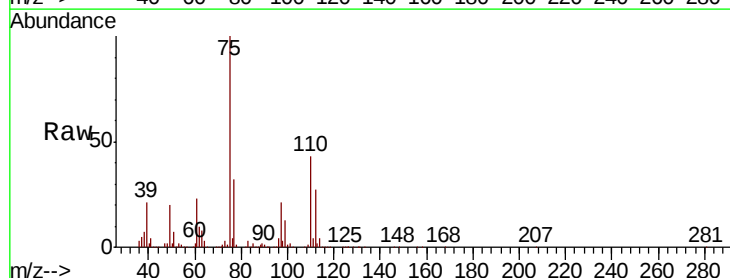
Acq: 22 Oct 2020 21:58

Tgt Ion: 75 Resp: 241303

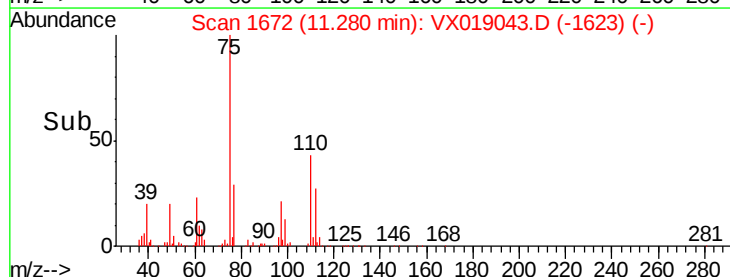
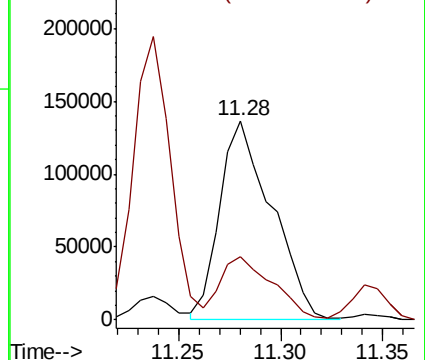
Ion Ratio Lower Upper

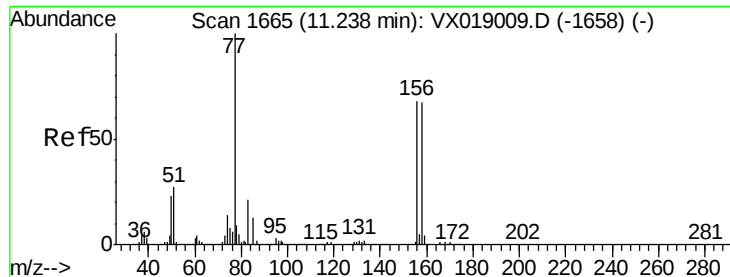
75 100

77 31.9 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.399 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

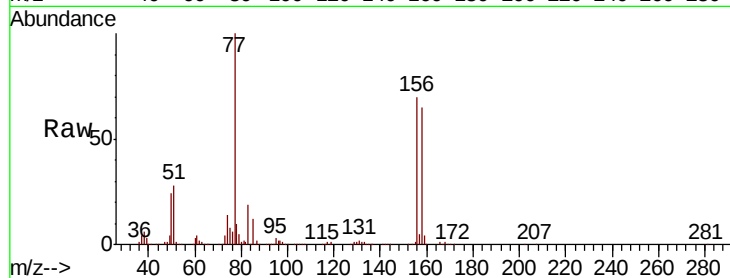
Tot Ion:156 Resp: 167191

Ion Ratio Lower Upper

156 100

77 148.4 74.4 223.1

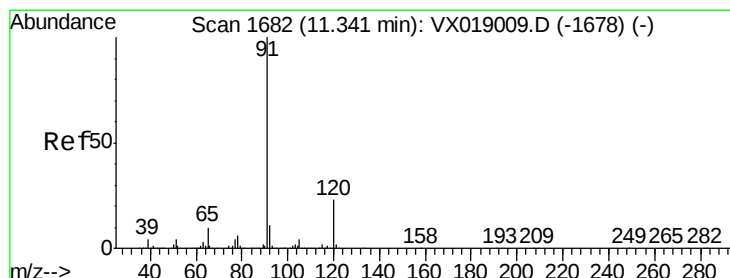
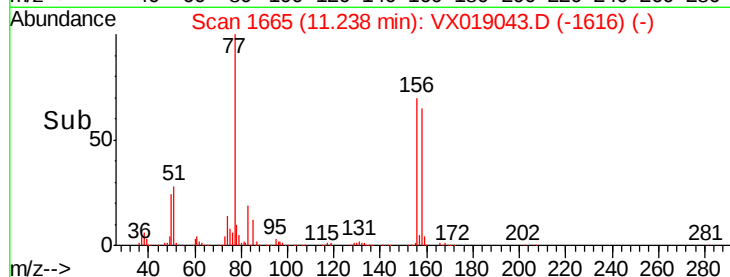
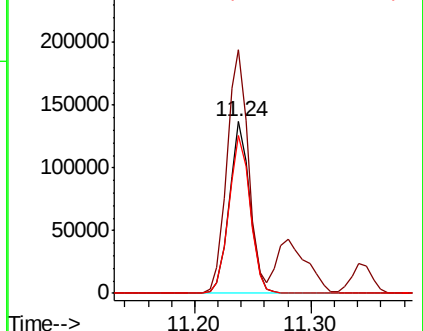
158 95.3 48.8 146.3



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: 48.918 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019043.D

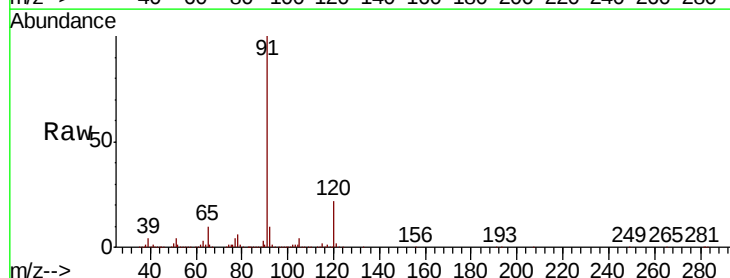
Acq: 22 Oct 2020 21:58

Tgt Ion: 91 Resp: 758180

Ion Ratio Lower Upper

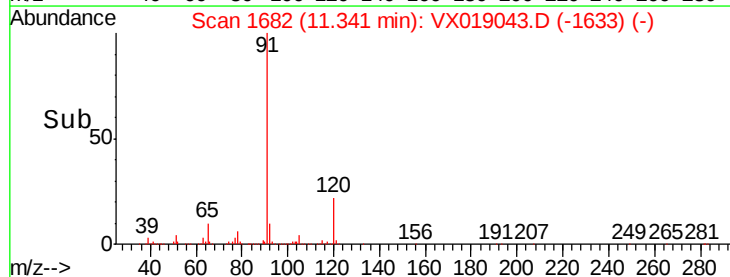
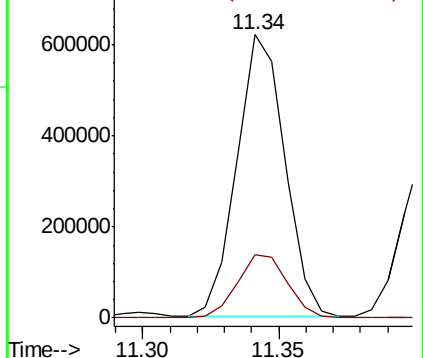
91 100

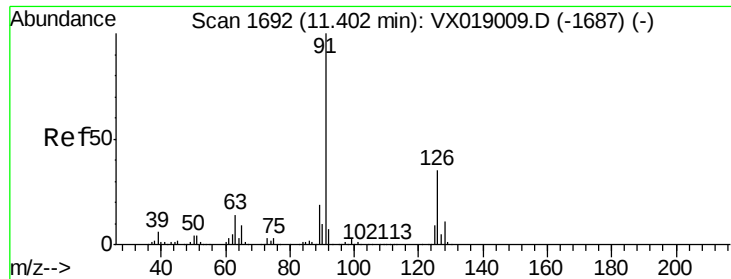
120 23.5 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

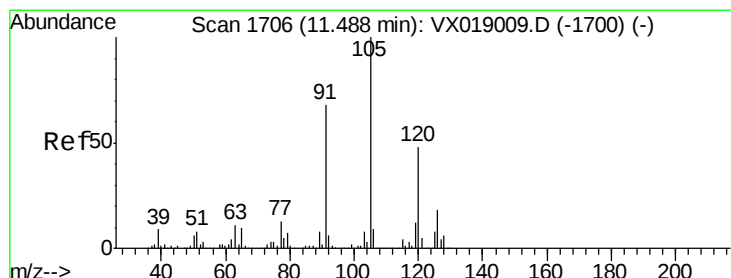
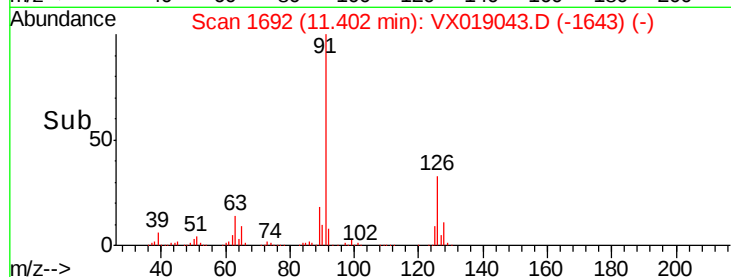
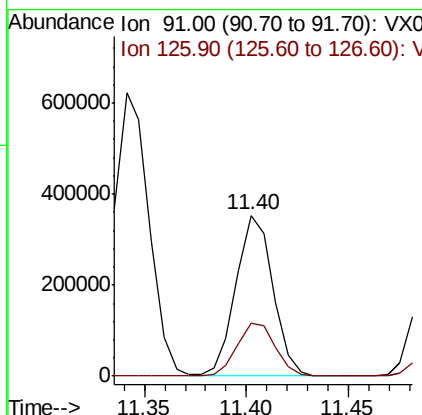
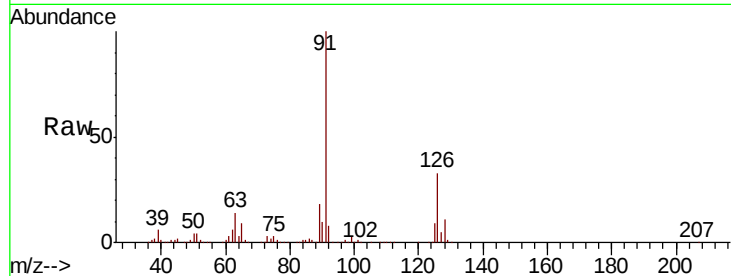




#79
 2-Chlorotoluene
 Concen: 48.879 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

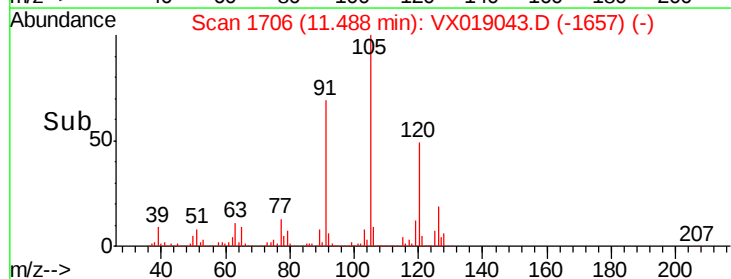
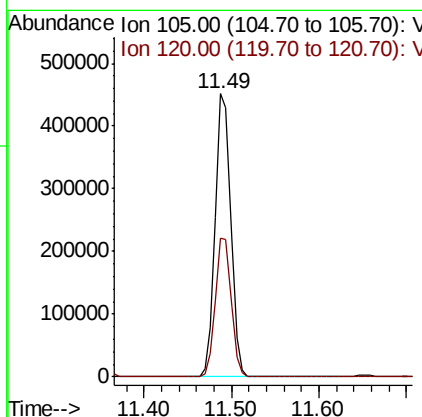
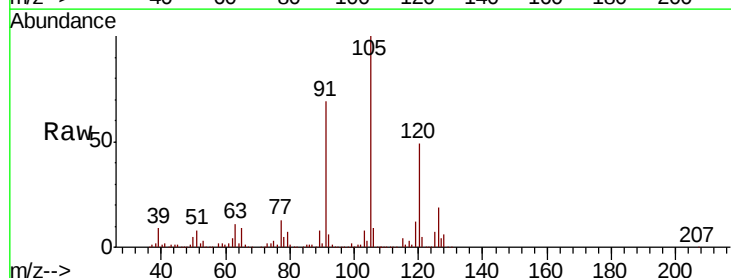
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

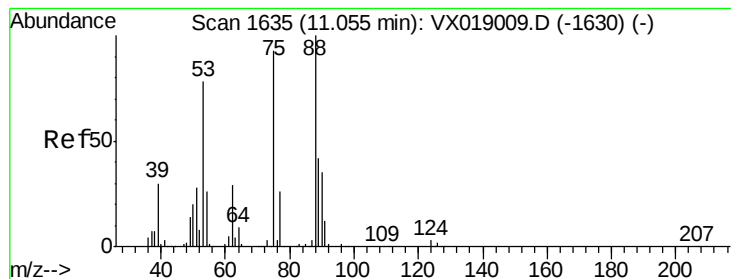
Tot Ion: 91 Resp: 441958
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 49.146 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion: 105 Resp: 555115
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.916 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

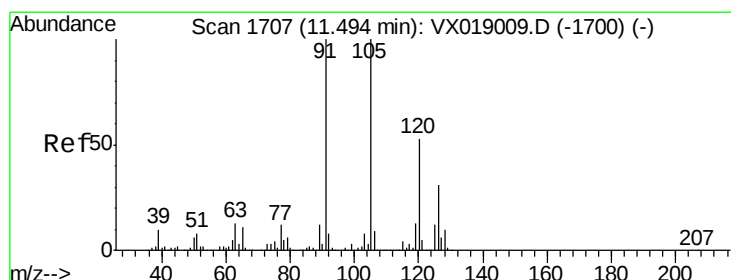
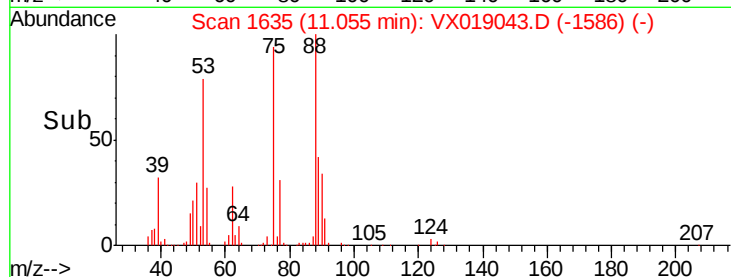
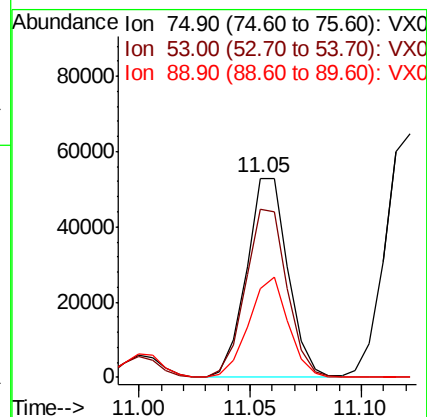
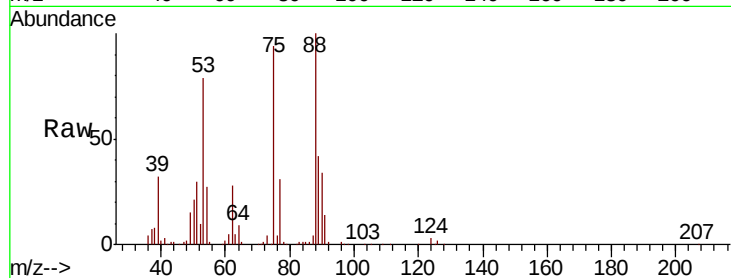
Tot Ion: 75 Resp: 68490

Ion Ratio Lower Upper

75 100

53 85.7 67.4 101.2

89 48.1 37.2 55.8



#82

4-Chlorotoluene

Concen: 48.670 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019043.D

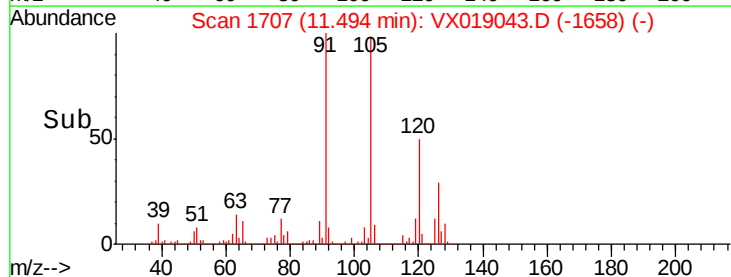
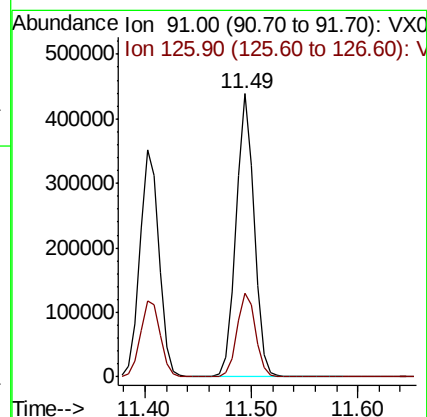
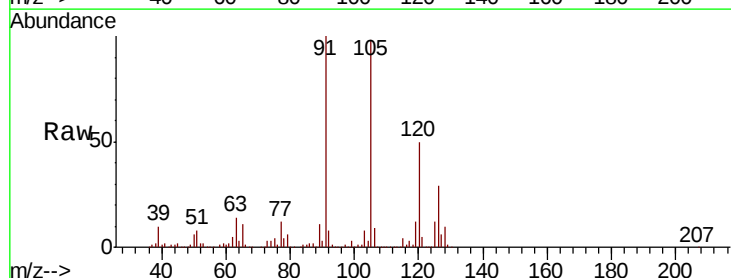
Acq: 22 Oct 2020 21:58

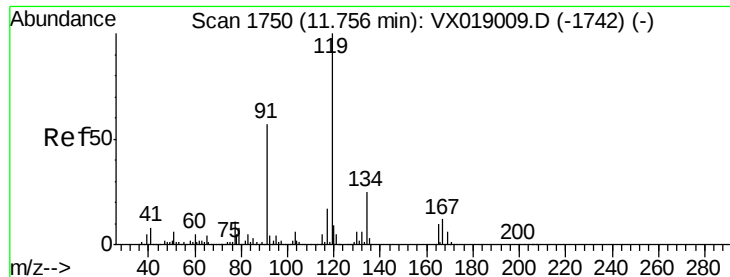
Tgt Ion: 91 Resp: 523632

Ion Ratio Lower Upper

91 100

126 30.4 15.6 46.7

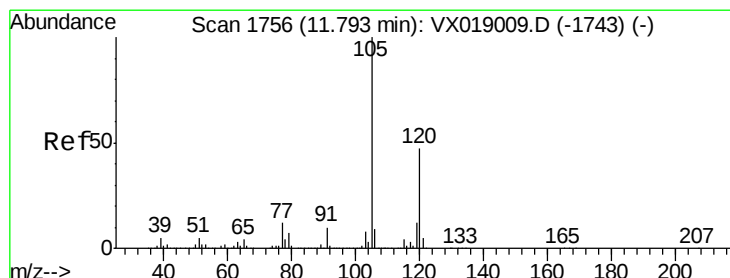
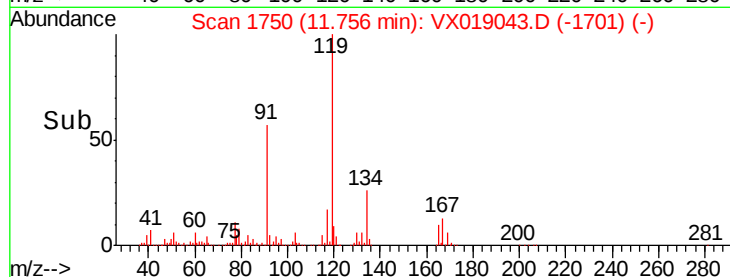
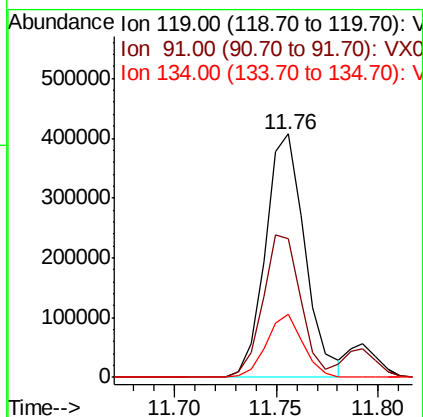
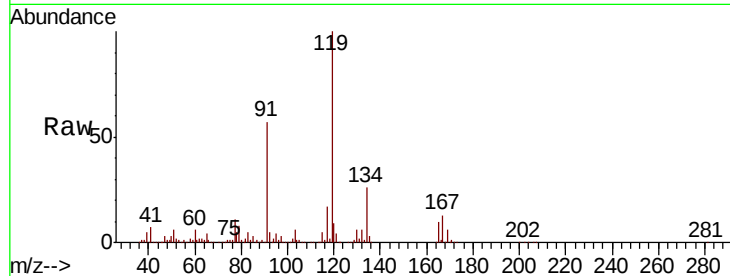




#83
 tert-Butylbenzene
 Concen: 49.351 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

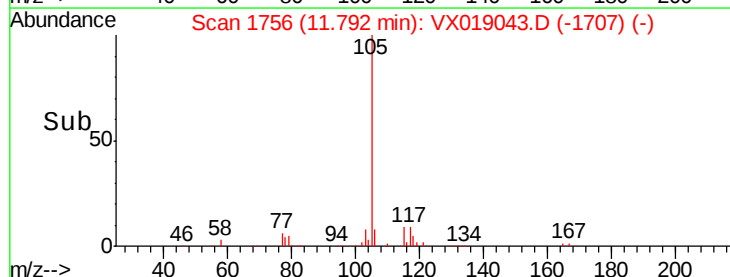
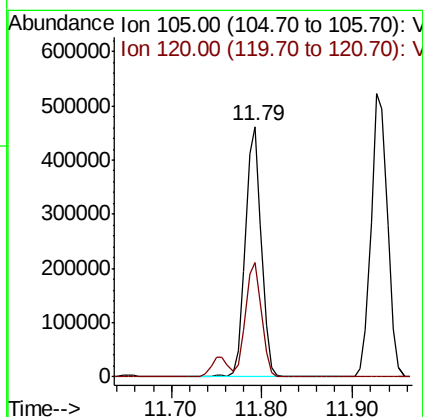
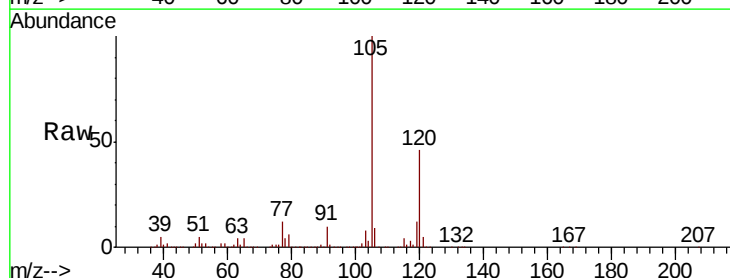
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

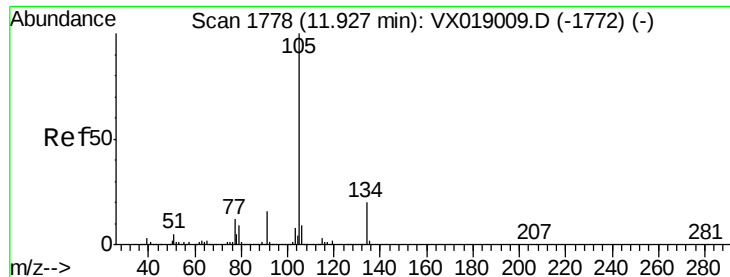
Tot Ion:119 Resp: 549135
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.1 84.4
 134 23.7 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.741 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion:105 Resp: 562595
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.746 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

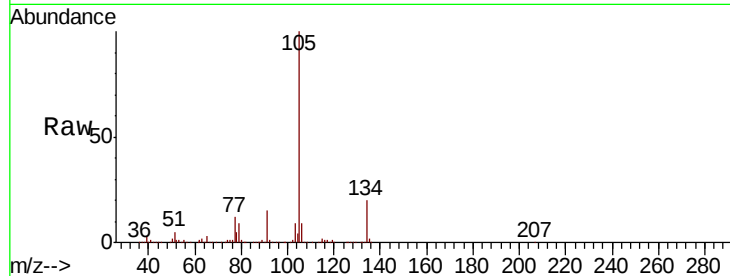
VSTDCCC050

Tot Ion:105 Resp: 656363

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

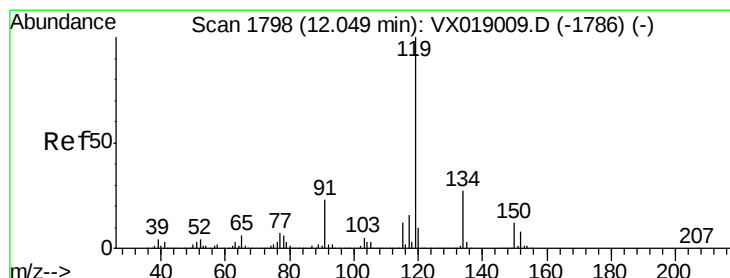
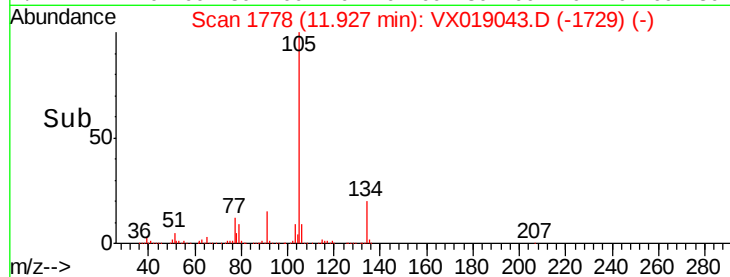
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.979 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

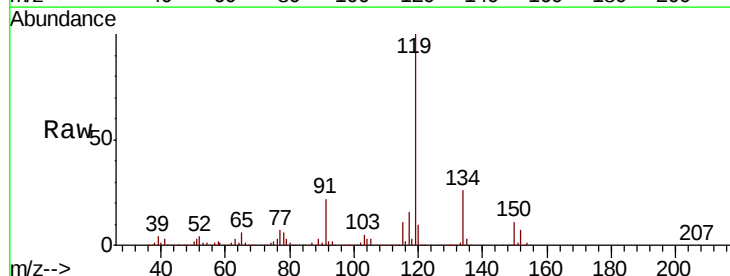
Tgt Ion:119 Resp: 602587

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.9 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

12.05

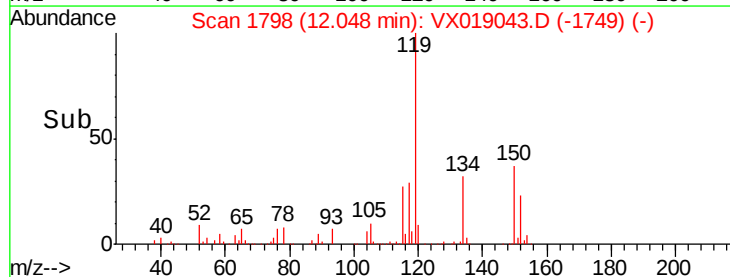
600000

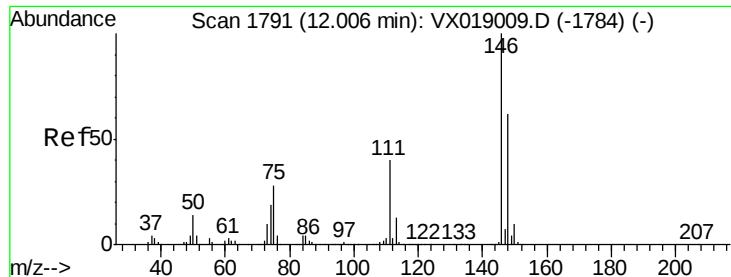
400000

200000

0

Time-->

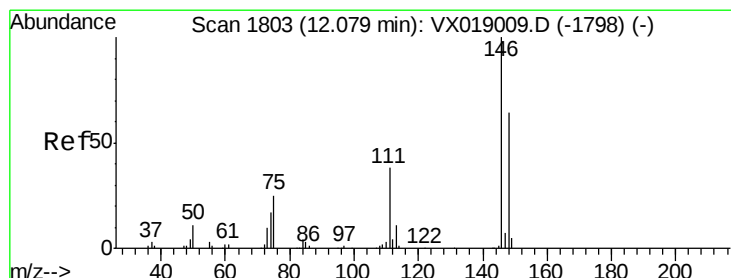
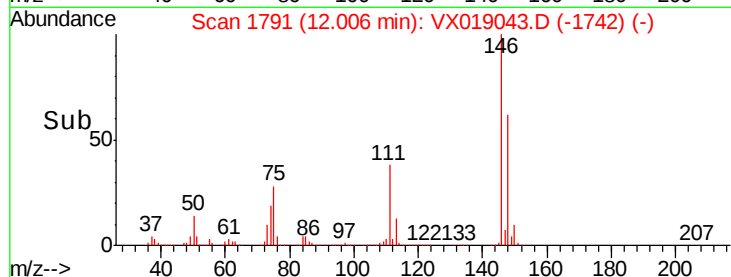
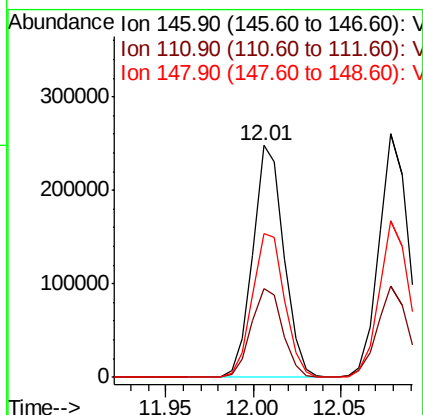
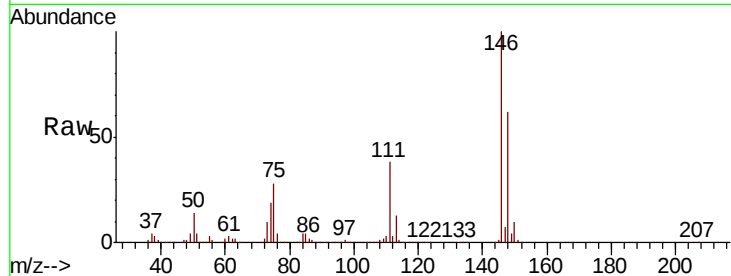




#87
 1,3-Dichlorobenzene
 Concen: 48.258 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

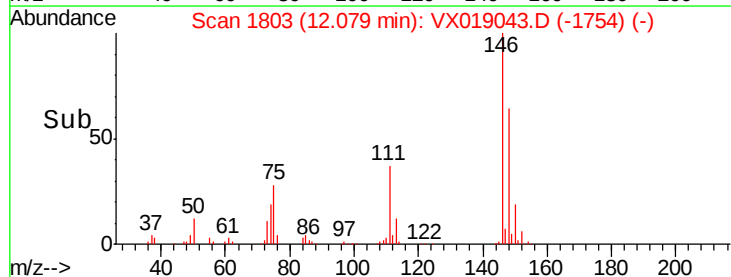
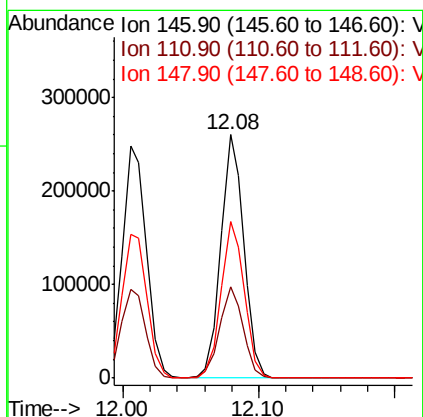
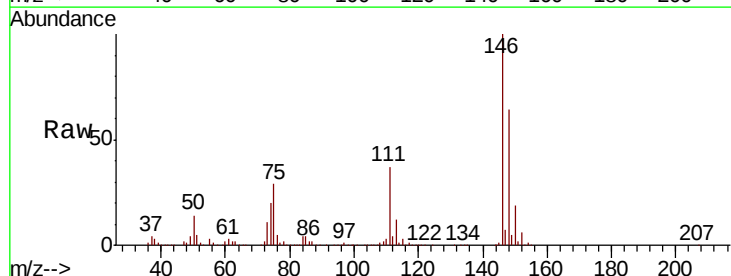
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

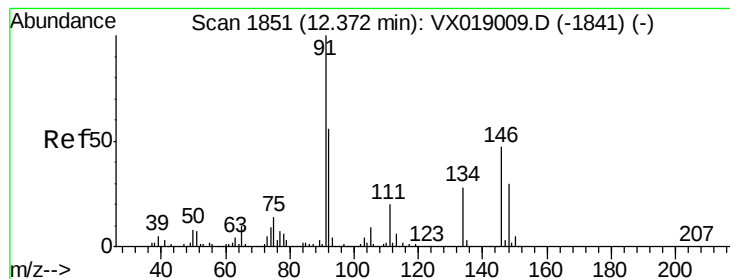
Tot Ion:146 Resp: 305801
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 64.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.961 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion:146 Resp: 305392
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.2
 148 64.7 32.2 96.6





#89

n-Butylbenzene

Concen: 48.105 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

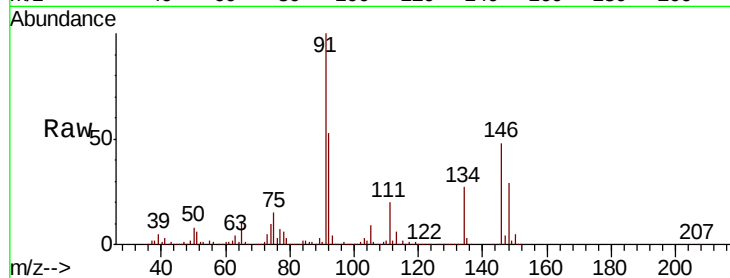
Tot Ion: 91 Resp: 541733

Ion Ratio Lower Upper

91 100

92 54.1 27.3 81.9

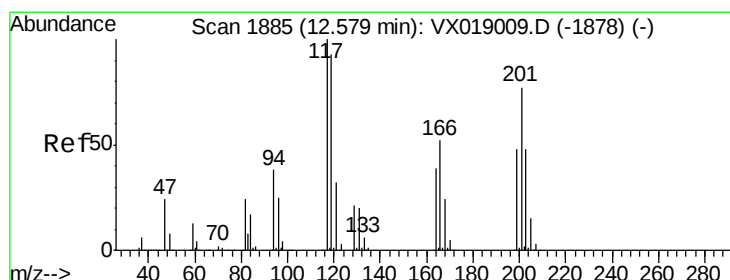
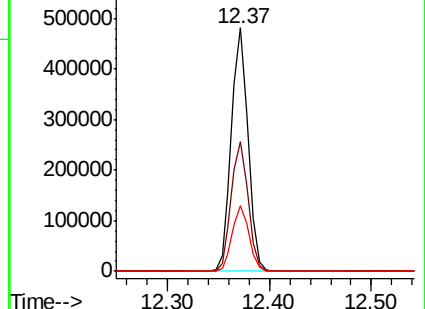
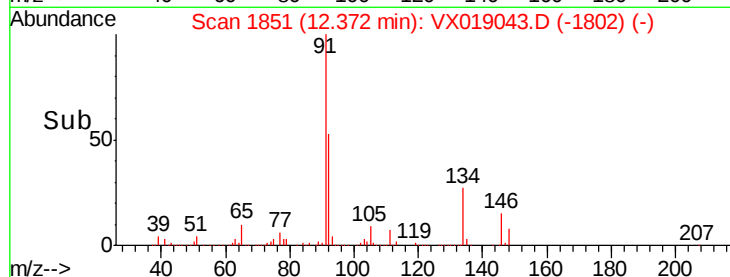
134 27.0 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.891 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019043.D

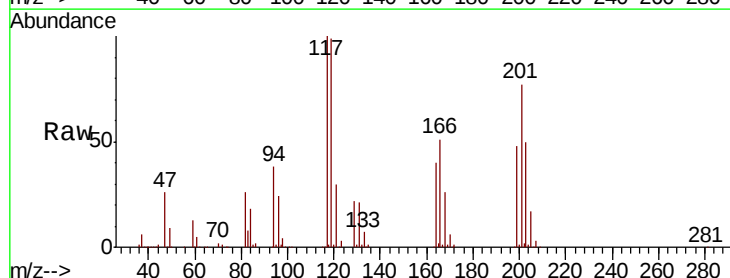
Acq: 22 Oct 2020 21:58

Tgt Ion: 117 Resp: 95853

Ion Ratio Lower Upper

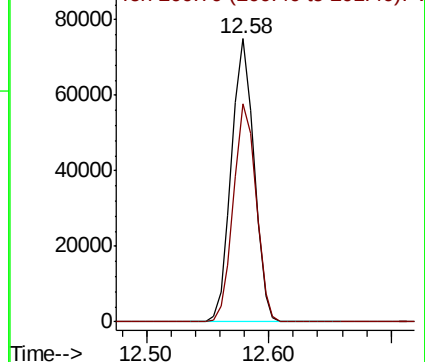
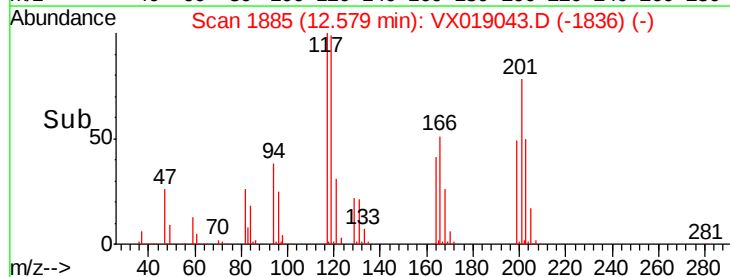
117 100

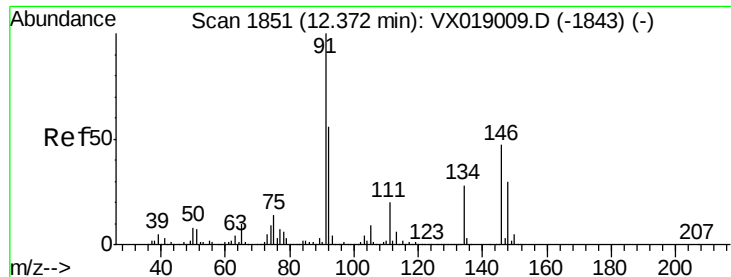
201 76.9 37.1 111.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.471 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

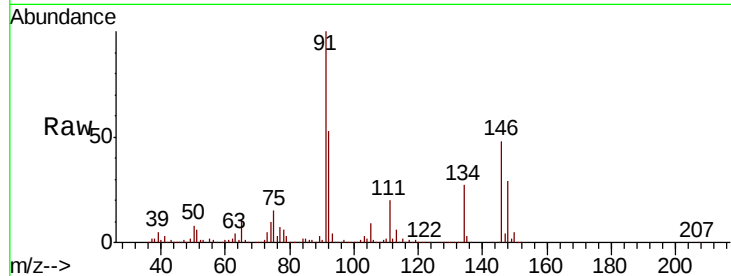
Tot Ion:146 Resp: 286381

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.7

148 63.5 31.4 94.3

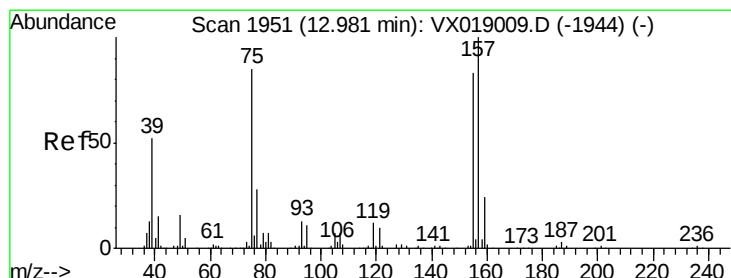
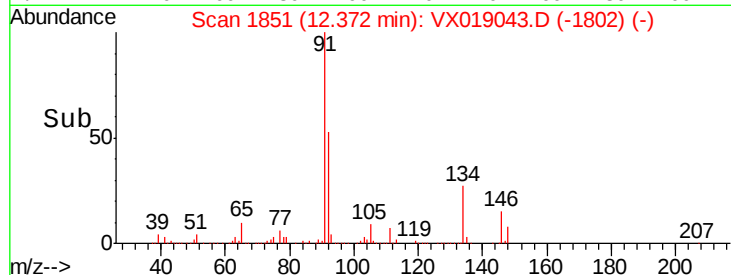
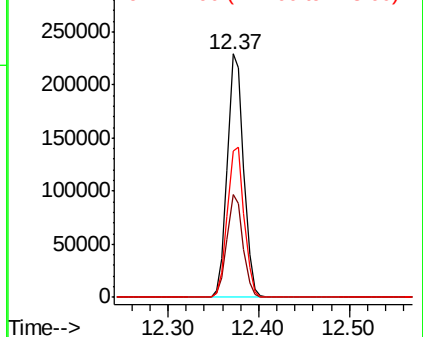


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.322 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

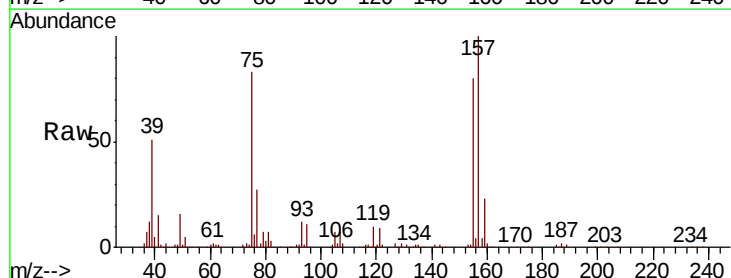
Tgt Ion: 75 Resp: 44402

Ion Ratio Lower Upper

75 100

155 95.2 47.3 142.0

157 123.3 59.7 179.0

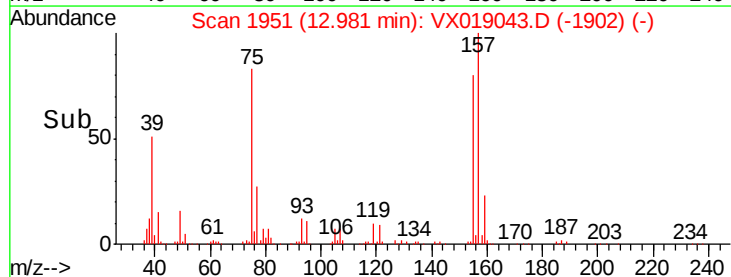
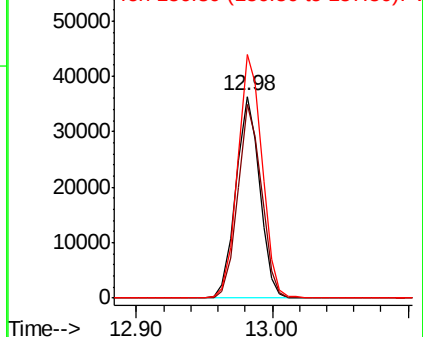


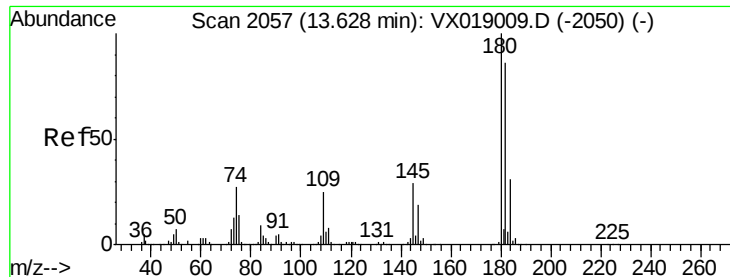
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

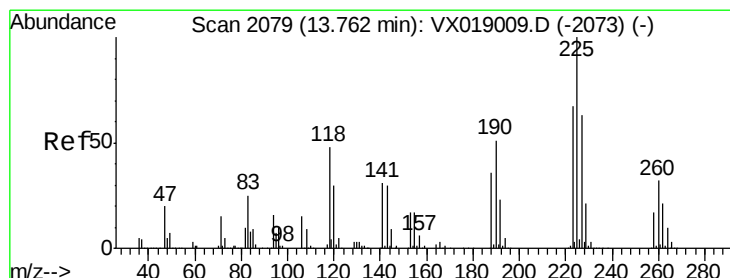
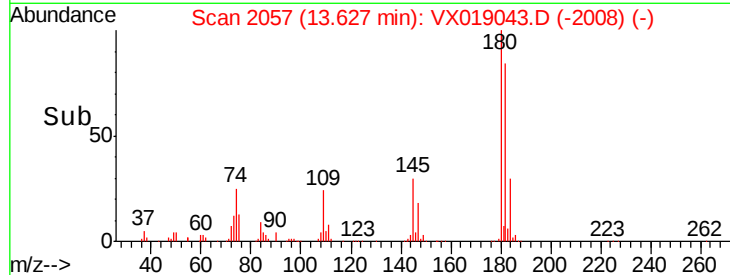
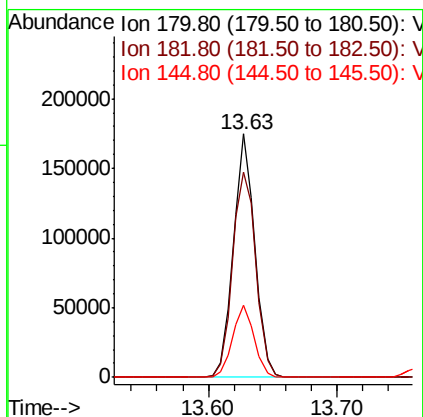
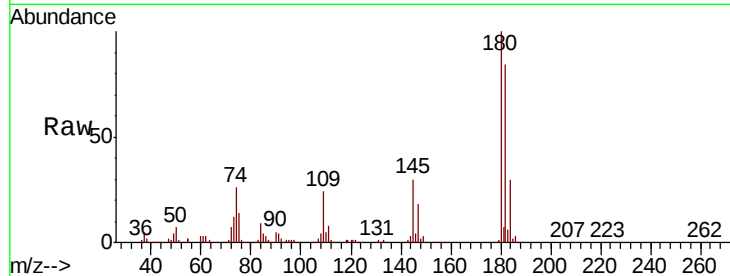




#93
 1,2,4-Trichlorobenzene
 Concen: 46.942 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

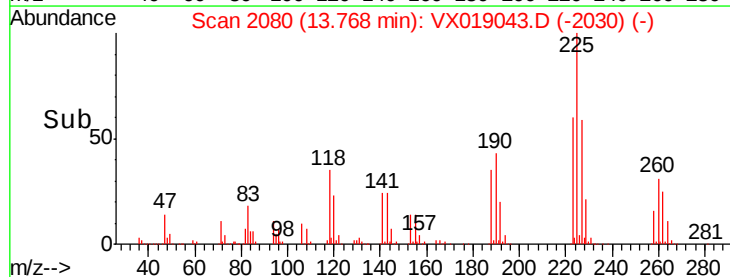
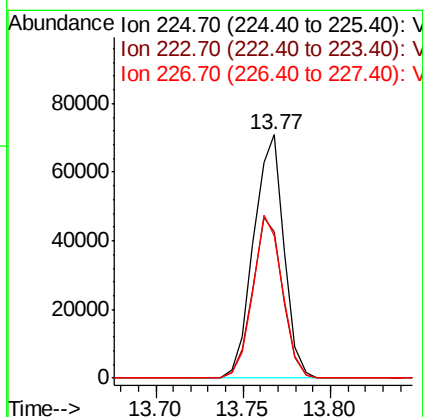
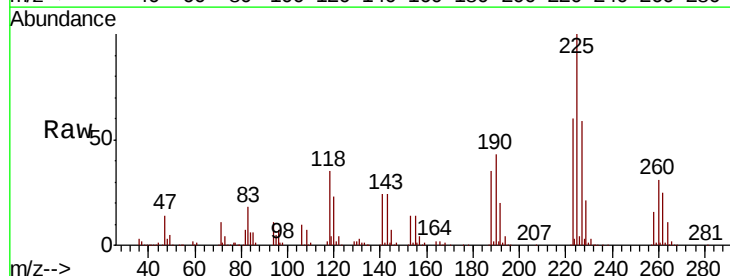
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

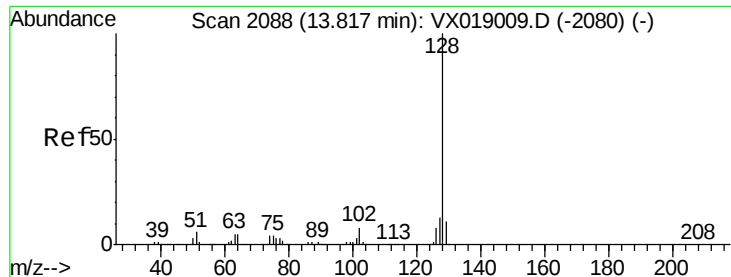
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.4	139.2
145	30.1	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 43.011 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019043.D
 Acq: 22 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.5	97.4
227	65.1	31.9	95.7





#95

Naphthalene

Concen: 50.040 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Instrument :

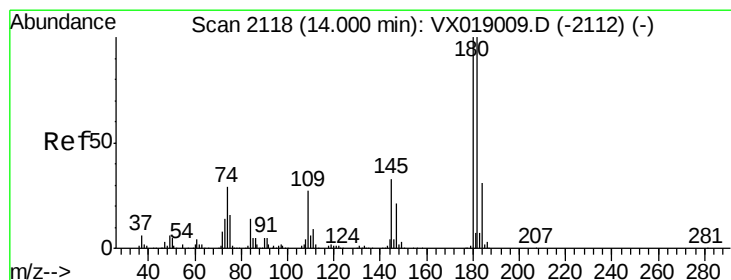
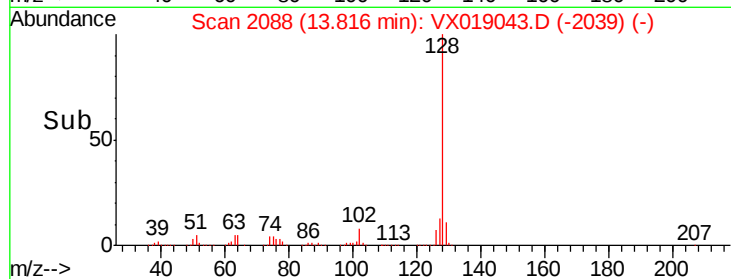
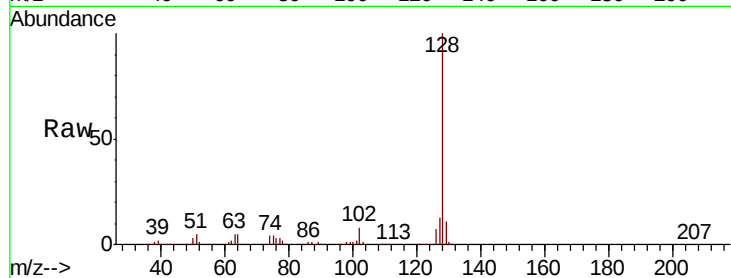
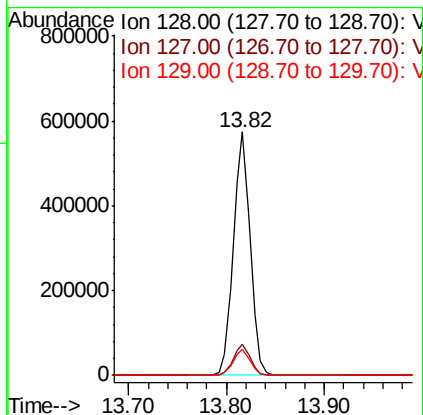
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 680558

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.6	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.583 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019043.D

Acq: 22 Oct 2020 21:58

Tgt Ion:180 Resp: 200203

Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	142.0
145	32.1	15.9	47.6

