

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
 Data File : VX020032.D
 Acq On : 15 Dec 2020 23:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 01:39:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	395251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167835	50.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.20%
35) Dibromofluoromethane	5.46	113	135494	49.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.82%
50) Toluene-d8	8.70	98	518129	49.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.98%
62) 4-Bromofluorobenzene	11.12	95	200095	50.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.44%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	107321	45.990	ug/l 98
3) Chloromethane	1.31	50	114270	41.638	ug/l 100
4) Vinyl Chloride	1.39	62	142360	49.196	ug/l 100
5) Bromomethane	1.62	94	35554	37.003	ug/l 96
6) Chloroethane	1.70	64	93824	53.974	ug/l 97
7) Trichlorofluoromethane	1.91	101	203825	50.577	ug/l 94
8) Diethyl Ether	2.17	74	88580	51.869	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121105	52.428	ug/l 99
10) Methyl Iodide	2.49	142	113241	33.259	ug/l 98
11) Tert butyl alcohol	3.02	59	189001	274.693	ug/l 99
12) 1,1-Dichloroethene	2.36	96	118811	50.877	ug/l 97
13) Acrolein	2.27	56	73646	199.169	ug/l 99
14) Allyl chloride	2.70	41	205065	51.993	ug/l 96
15) Acrylonitrile	3.11	53	431170	284.713	ug/l 100
16) Acetone	2.42	43	341856	271.498	ug/l 100
17) Carbon Disulfide	2.54	76	283144	42.256	ug/l 100
18) Methyl Acetate	2.75	43	189982	61.657	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	468354	55.070	ug/l 100
20) Methylene Chloride	2.83	84	153215	53.396	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	138822	50.989	ug/l 98
22) Diisopropyl ether	3.82	45	455724	57.149	ug/l 92
23) Vinyl Acetate	3.78	43	1924397	283.258	ug/l 99
24) 1,1-Dichloroethane	3.67	63	262833	54.657	ug/l 100
25) 2-Butanone	4.63	43	547325	282.883	ug/l 99
26) 2,2-Dichloropropane	4.55	77	190192	45.927	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	165576	51.967	ug/l 100
28) Bromochloromethane	4.98	49	121284	52.907	ug/l 96
29) Tetrahydrofuran	5.09	42	352218	282.549	ug/l 98
30) Chloroform	5.17	83	272101	55.031	ug/l 99
31) Cyclohexane	5.54	56	207348	49.759	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	227394	53.403	ug/l 100
36) 1,1-Dichloropropene	5.76	75	187423	48.882	ug/l 100
37) Ethyl Acetate	4.79	43	206671	53.387	ug/l 99
38) Carbon Tetrachloride	5.75	117	189429	50.452	ug/l 96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	210752	46.785	ug/l	98
40) Benzene	6.11	78	601789	51.381	ug/l	99
41) Methacrylonitrile	5.00	41	114988	54.100	ug/l	99
42) 1,2-Dichloroethane	6.16	62	211004	52.729	ug/l	100
43) Isopropyl Acetate	6.41	43	333781	53.033	ug/l	100
44) Trichloroethene	7.18	130	152312	49.564	ug/l	98
45) 1,2-Dichloropropane	7.49	63	158443	54.128	ug/l	96
46) Dibromomethane	7.63	93	105046	53.140	ug/l	98
47) Bromodichloromethane	7.87	83	210864	53.757	ug/l	98
48) Methyl methacrylate	7.74	41	167023	53.959	ug/l	98
49) 1,4-Dioxane	7.71	88	79978	1066.596	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1080217	281.117	ug/l	100
52) Toluene	8.76	92	376450	51.390	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	224662	51.613	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	246730	52.174	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	160625	54.412	ug/l	99
56) Ethyl methacrylate	9.16	69	242737	54.349	ug/l	99
57) 1,3-Dichloropropane	9.35	76	269347	53.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	656777	277.584	ug/l	99
59) 2-Hexanone	9.47	43	822540	276.158	ug/l	99
60) Dibromochloromethane	9.56	129	160527	53.523	ug/l	99
61) 1,2-Dibromoethane	9.65	107	163415	52.132	ug/l	100
64) Tetrachloroethene	9.32	164	131578	49.640	ug/l	98
65) Chlorobenzene	10.12	112	396162	50.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	151120	53.319	ug/l	99
67) Ethyl Benzene	10.23	91	713167	51.022	ug/l	100
68) m/p-Xylenes	10.34	106	533891	101.366	ug/l	98
69) o-Xylene	10.68	106	257494	50.823	ug/l	98
70) Styrene	10.70	104	451331	52.777	ug/l	100
71) Bromoform	10.84	173	118963	53.355	ug/l #	99
73) Isopropylbenzene	11.00	105	705647	52.749	ug/l	99
74) N-amyl acetate	10.88	43	290849	54.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	255913	54.261	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	292270	66.553	ug/l	88
77) Bromobenzene	11.24	156	178623	52.177	ug/l	98
78) n-propylbenzene	11.34	91	798716	52.276	ug/l	99
79) 2-Chlorotoluene	11.40	91	485934	51.645	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	587225	52.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	76766	50.532	ug/l	98
82) 4-Chlorotoluene	11.49	91	572695	51.970	ug/l	98
83) tert-Butylbenzene	11.76	119	580851	52.458	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	608087	53.469	ug/l	99
85) sec-Butylbenzene	11.93	105	677185	53.566	ug/l	100
86) p-Isopropyltoluene	12.05	119	611034	52.738	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	303551	48.311	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	312055	48.762	ug/l	97
89) n-Butylbenzene	12.37	91	529323	51.566	ug/l	99
90) Hexachloroethane	12.58	117	106189	53.087	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	320345	52.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55211	54.454	ug/l	97

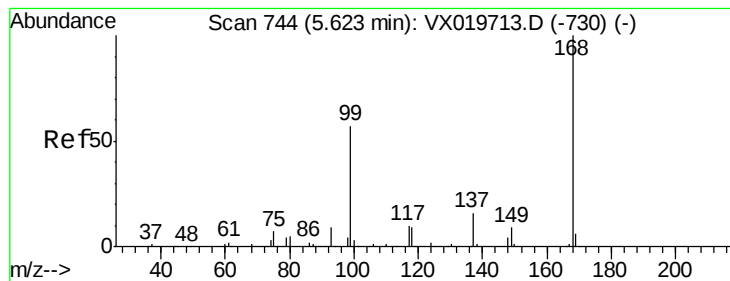
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	210349	52.757	ug/l	98
94) Hexachlorobutadiene	13.76	225	92737	52.039	ug/l	97
95) Naphthalene	13.82	128	727832	56.307	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	208516	53.512	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. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

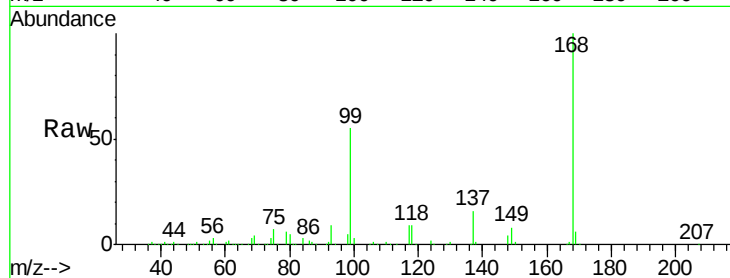
VSTDCCC050

Tgt Ion:168 Resp: 254883

Ion Ratio Lower Upper

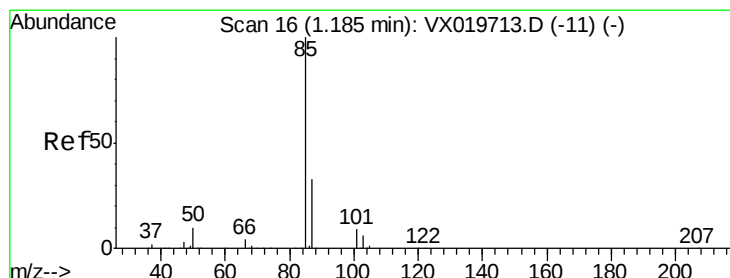
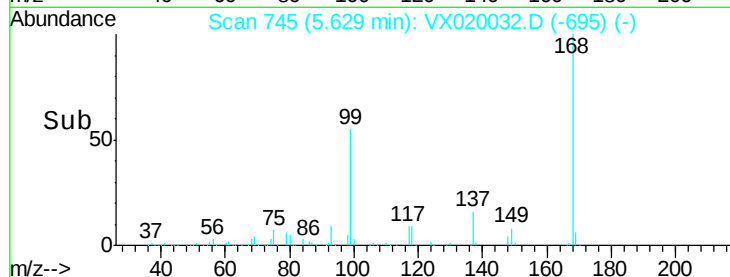
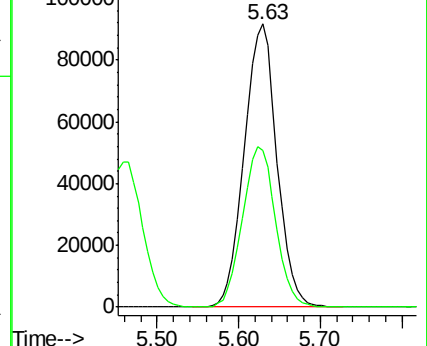
168 100

99 55.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.990 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020032.D

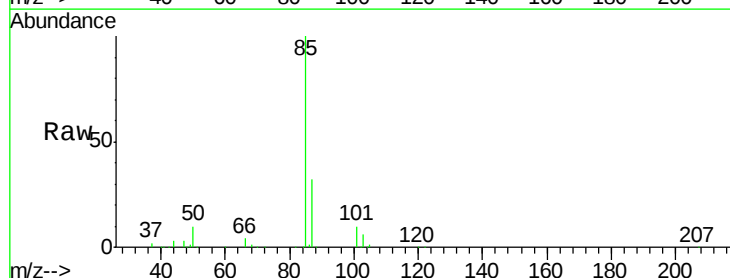
Acq: 15 Dec 2020 23:33

Tgt Ion: 85 Resp: 107321

Ion Ratio Lower Upper

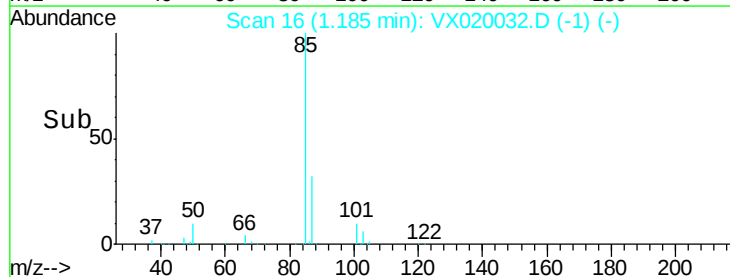
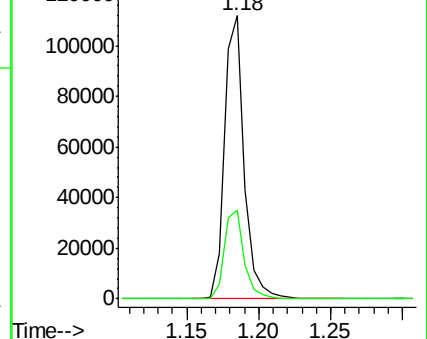
85 100

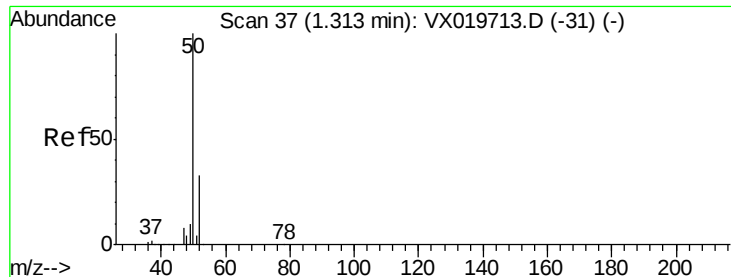
87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.638 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

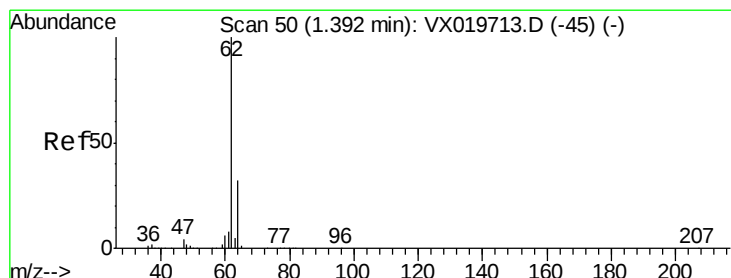
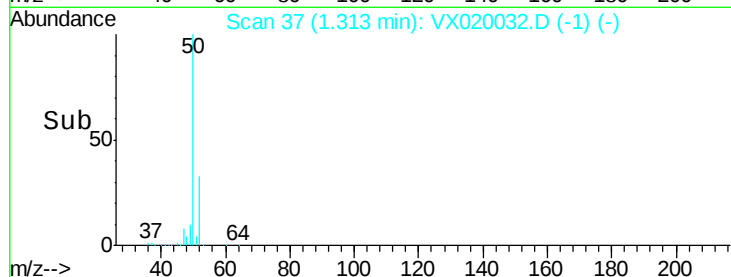
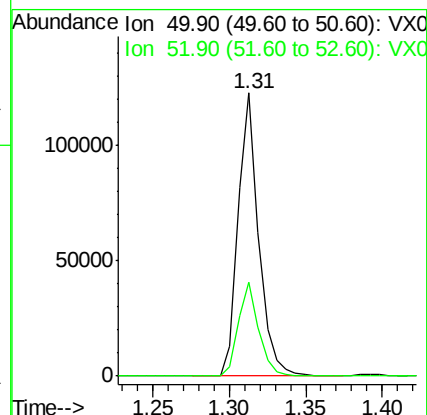
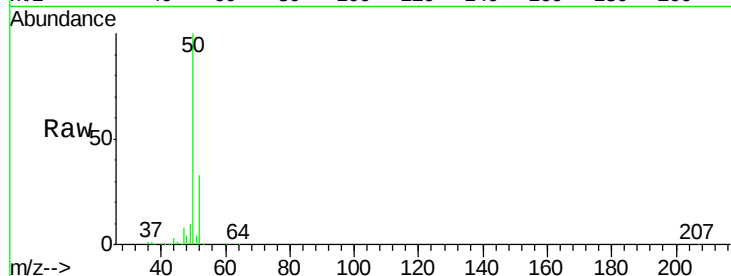
VSTDCCC050

Tgt Ion: 50 Resp: 114270

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



#4

Vinyl Chloride

Concen: 49.196 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020032.D

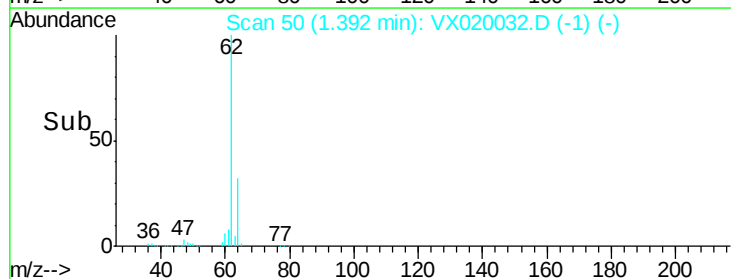
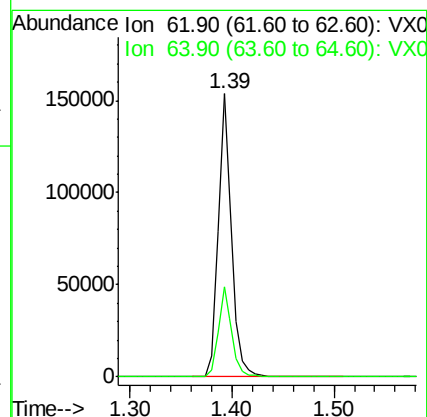
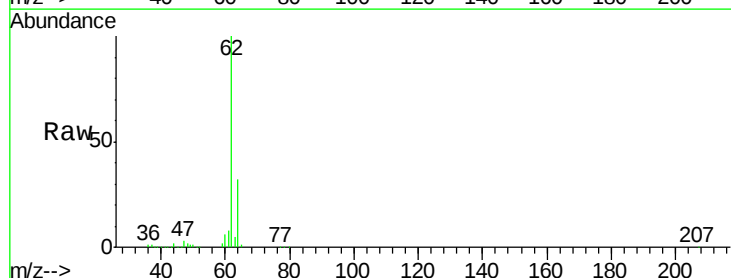
Acq: 15 Dec 2020 23:33

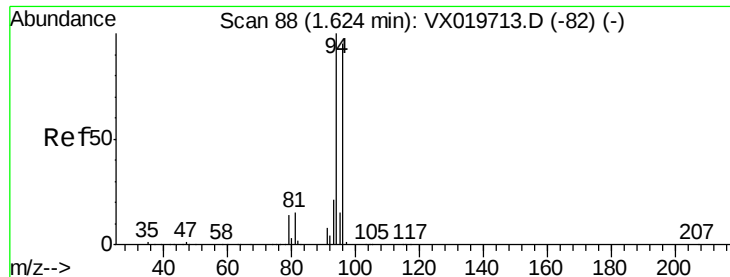
Tgt Ion: 62 Resp: 142360

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 37.003 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

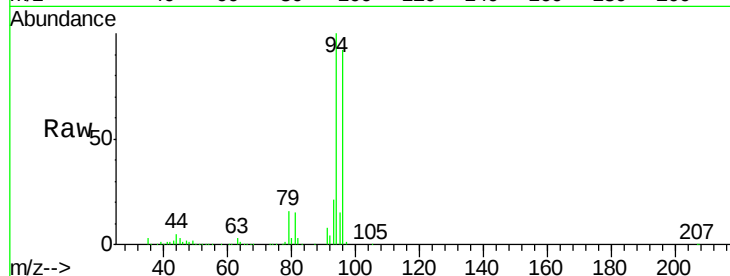
VSTDCCC050

Tgt Ion: 94 Resp: 35554

Ion Ratio Lower Upper

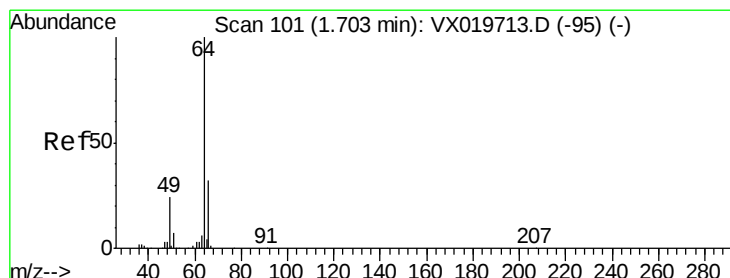
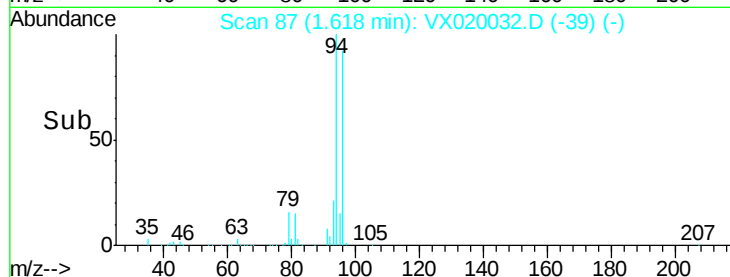
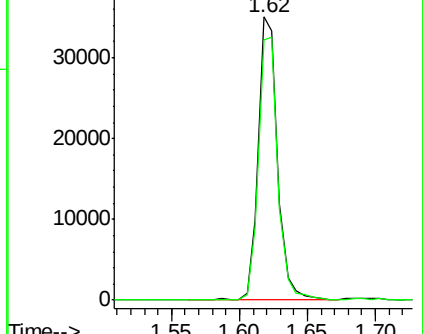
94 100

96 91.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.974 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX020032.D

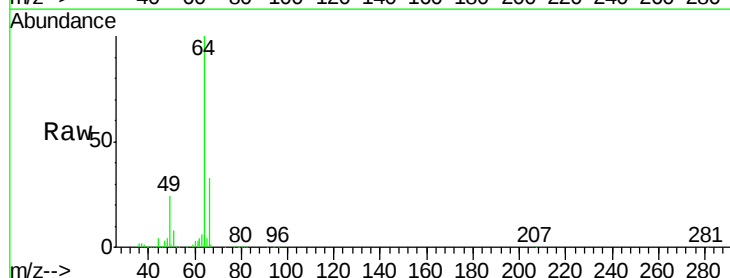
Acq: 15 Dec 2020 23:33

Tgt Ion: 64 Resp: 93824

Ion Ratio Lower Upper

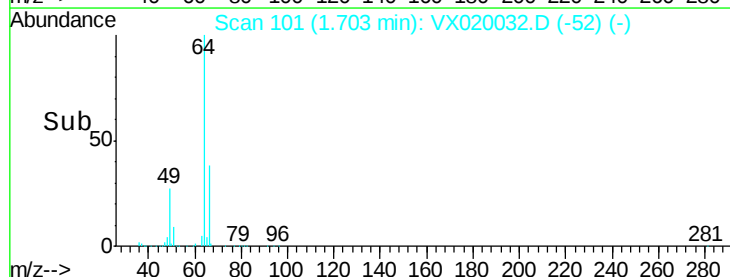
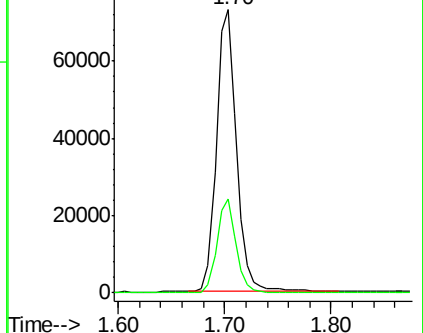
64 100

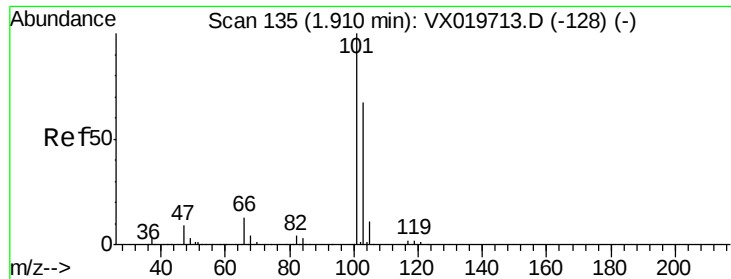
66 33.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



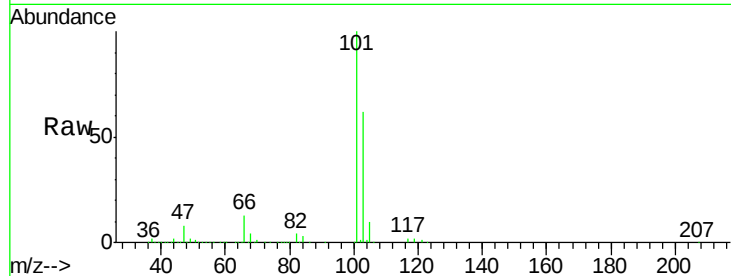


#7

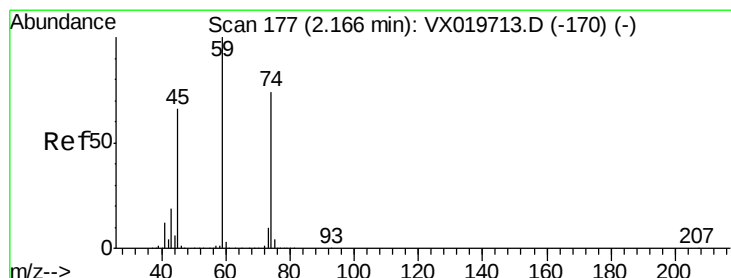
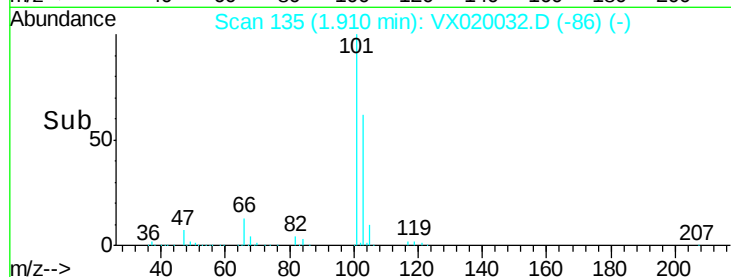
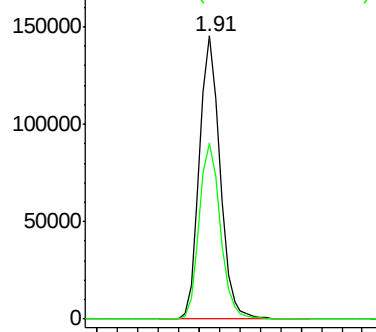
Trichlorofluoromethane
Concen: 50.577 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 203825
Ion Ratio Lower Upper
101 100
103 62.0 53.2 79.8



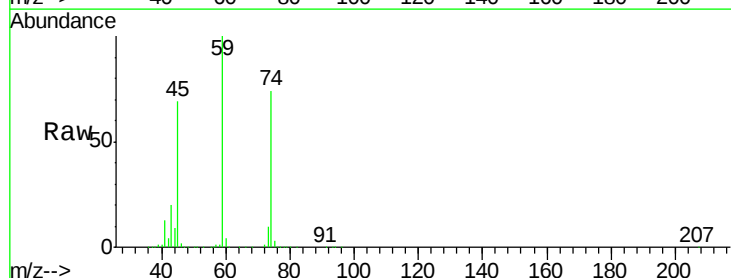
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



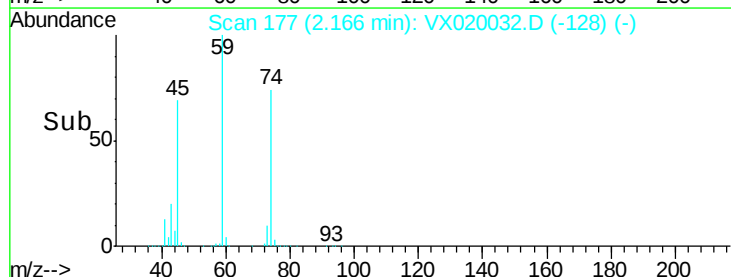
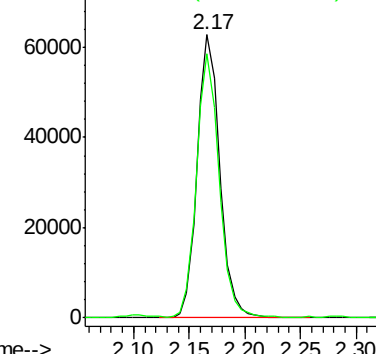
#8

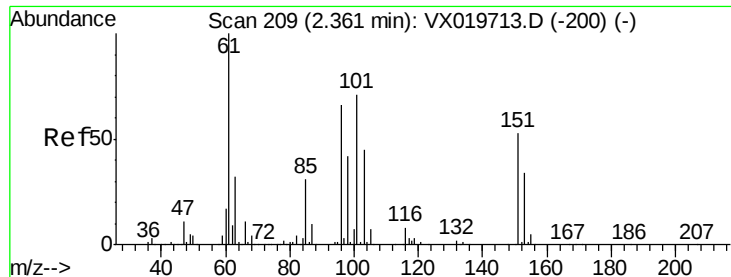
Diethyl Ether
Concen: 51.869 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 74 Resp: 88580
Ion Ratio Lower Upper
74 100
45 92.4 44.5 133.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.428 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

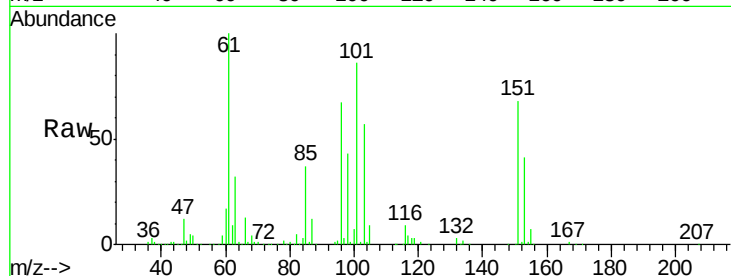
Tgt Ion:101 Resp: 121105

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

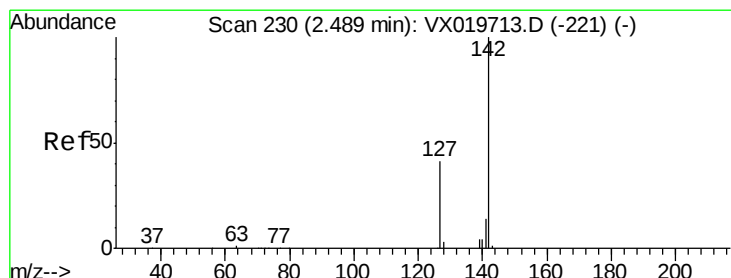
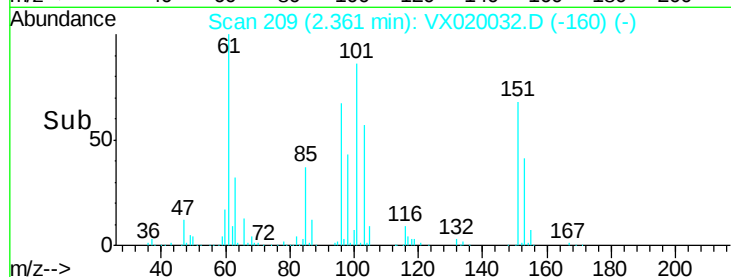
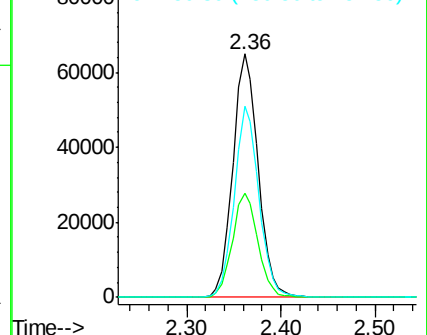
151 76.2 61.4 92.2



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: 33.259 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

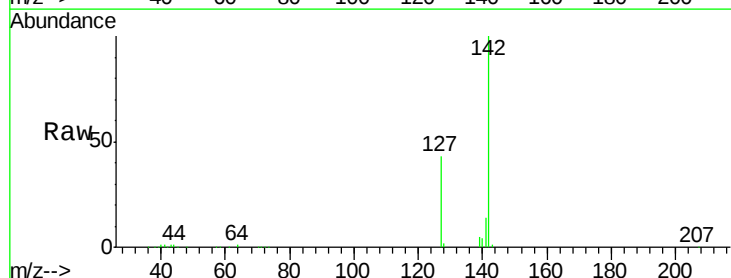
Tgt Ion:142 Resp: 113241

Ion Ratio Lower Upper

142 100

127 43.3 33.3 49.9

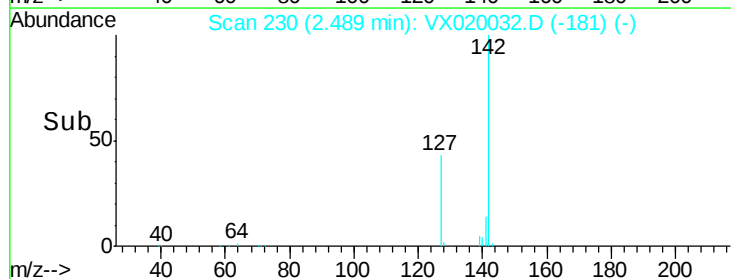
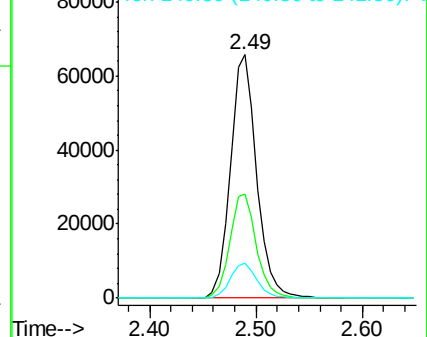
141 14.5 11.4 17.0

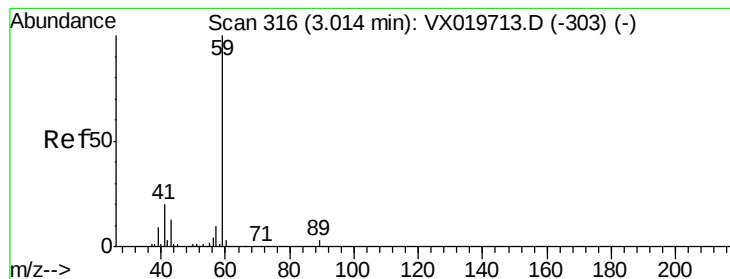


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



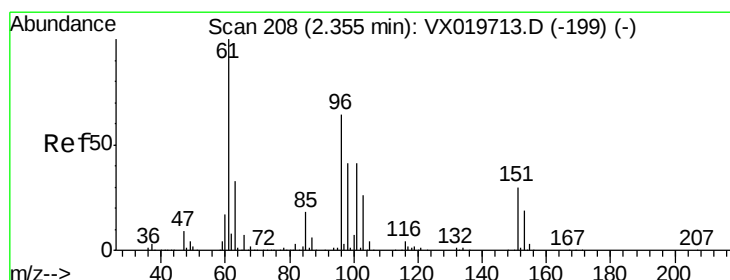
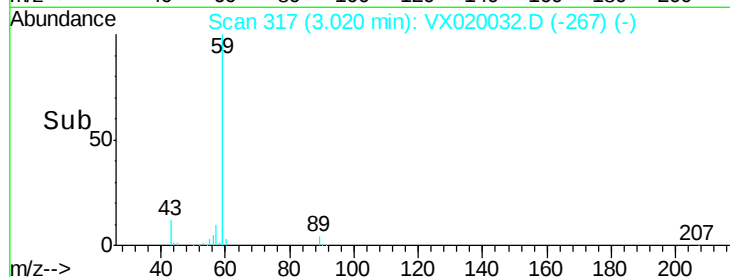
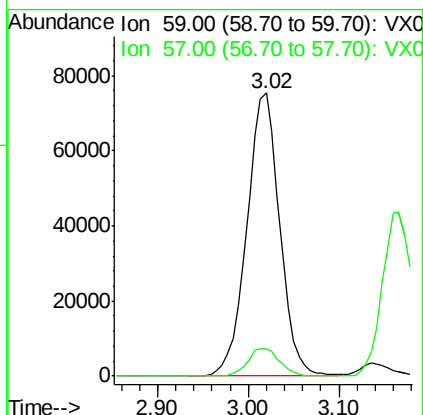
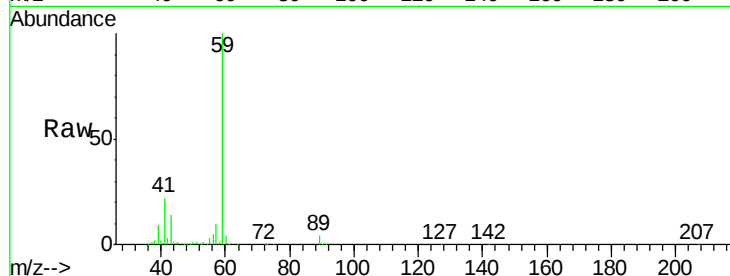


#11

Tert butyl alcohol
 Concen: 274.693 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

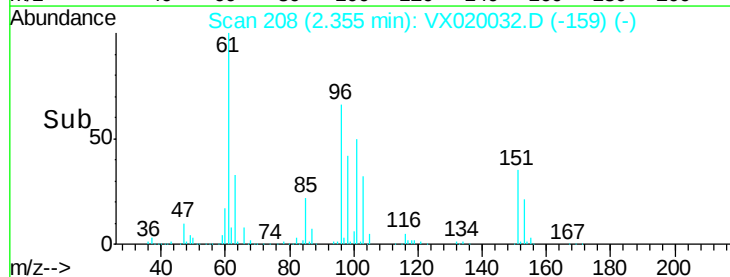
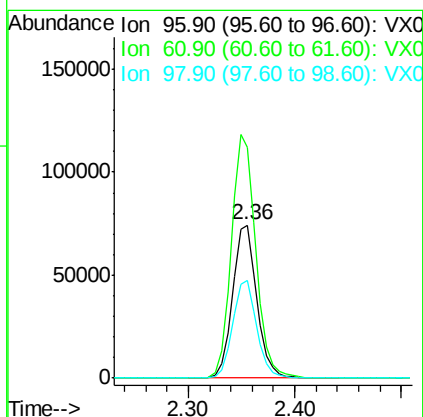
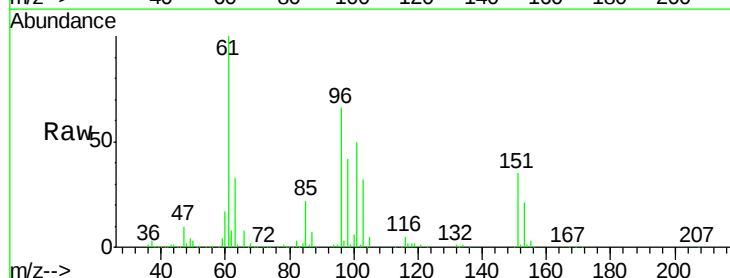
Tgt Ion: 59 Resp: 189001
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.8

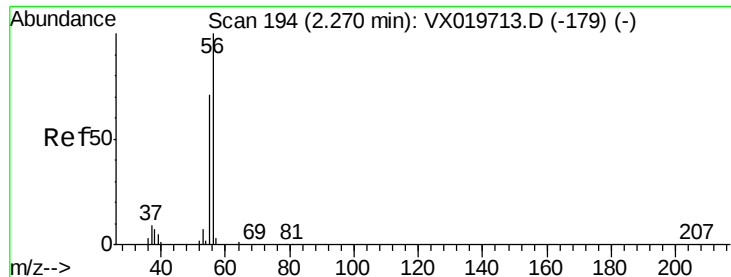


#12

1,1-Dichloroethene
 Concen: 50.877 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion: 96 Resp: 118811
 Ion Ratio Lower Upper
 96 100
 61 151.2 124.6 187.0
 98 63.6 50.6 76.0





#13

Acrolein

Concen: 199.169 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

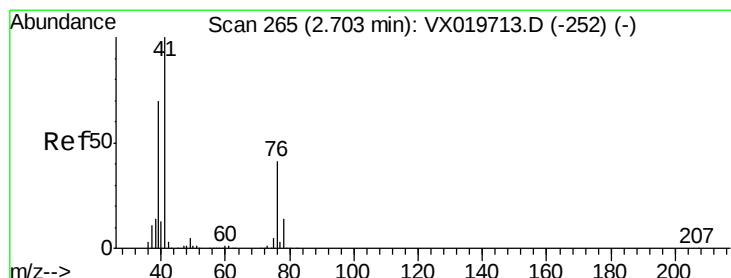
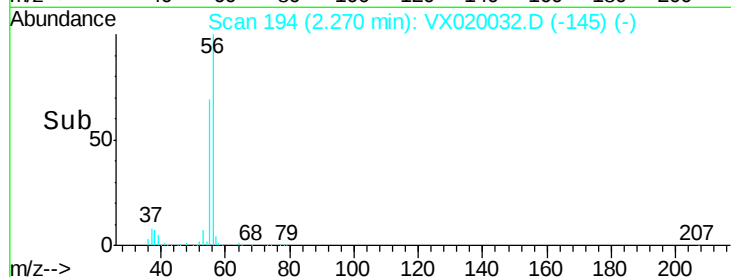
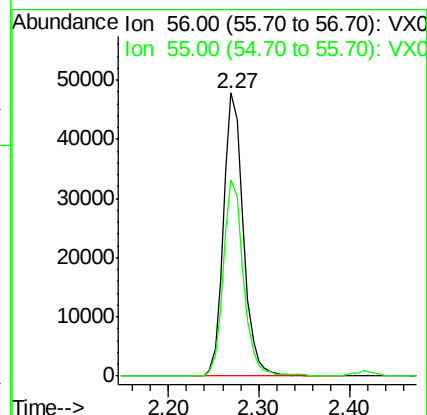
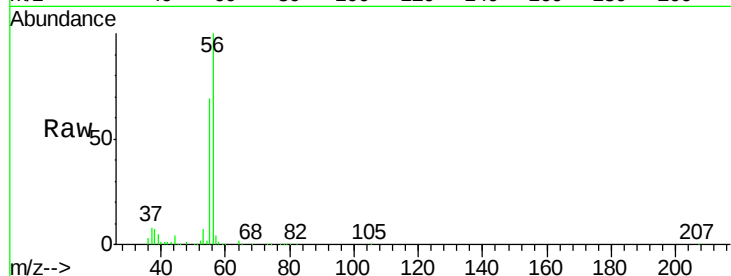
VSTDCCC050

Tgt Ion: 56 Resp: 73646

Ion Ratio Lower Upper

56 100

55 69.7 56.4 84.6



#14

Allyl chloride

Concen: 51.993 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

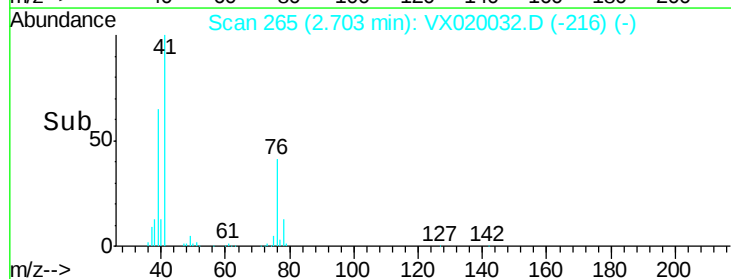
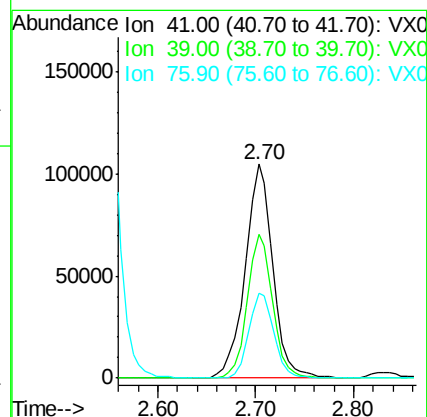
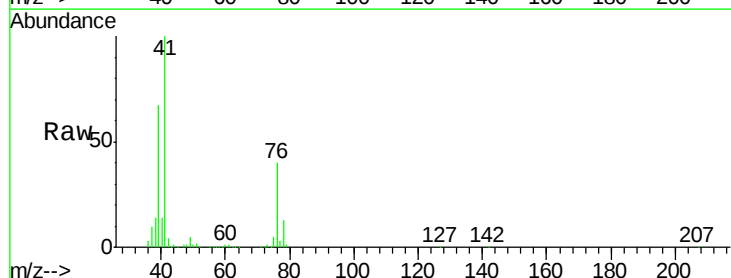
Tgt Ion: 41 Resp: 205065

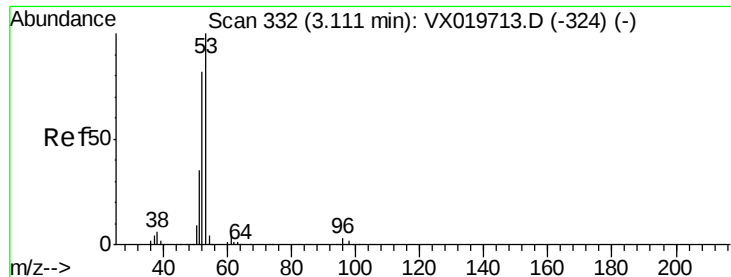
Ion Ratio Lower Upper

41 100

39 61.6 51.6 77.4

76 36.1 30.5 45.7





#15

Acrylonitrile

Concen: 284.713 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

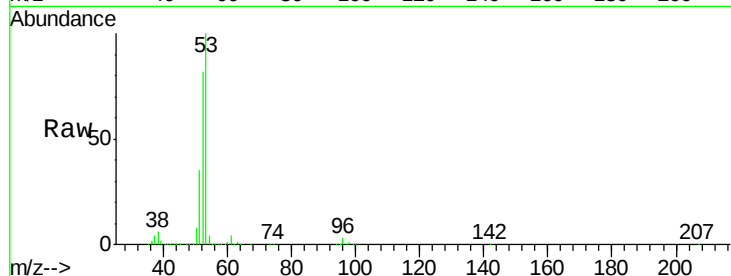
Tgt Ion: 53 Resp: 431170

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

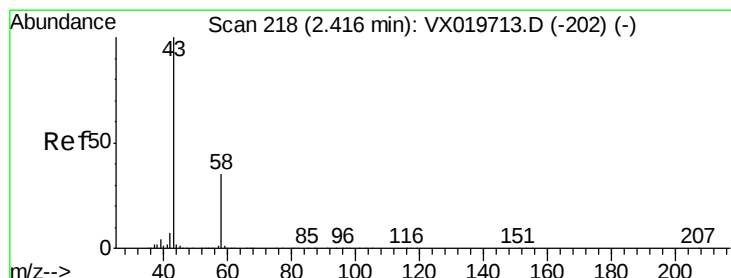
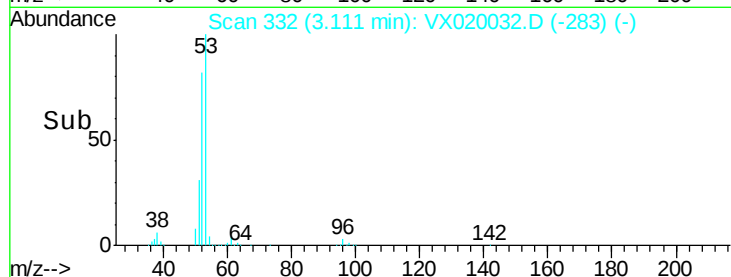
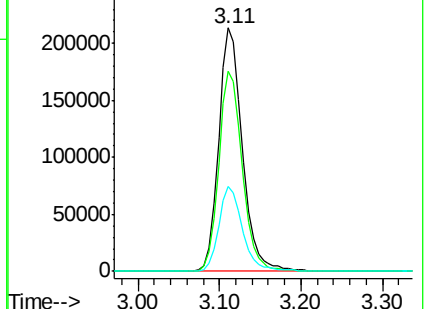
51 34.9 28.2 42.2



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: 271.498 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020032.D

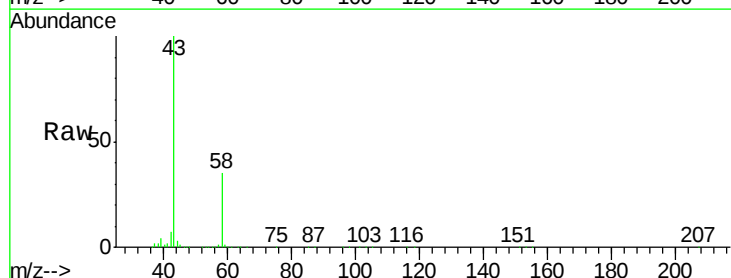
Acq: 15 Dec 2020 23:33

Tgt Ion: 43 Resp: 341856

Ion Ratio Lower Upper

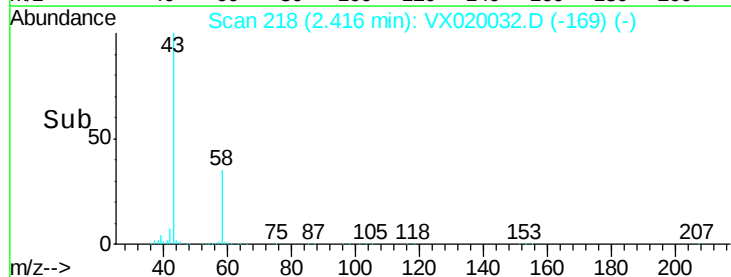
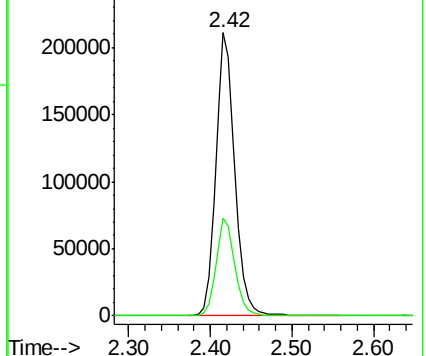
43 100

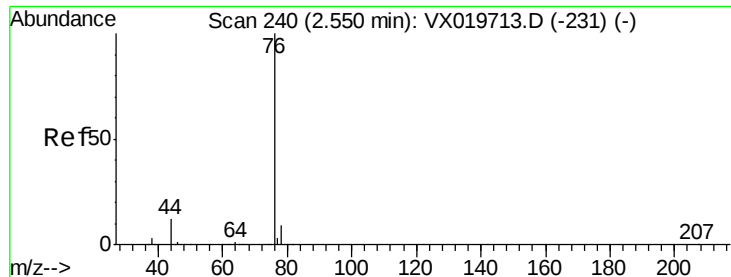
58 34.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.256 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

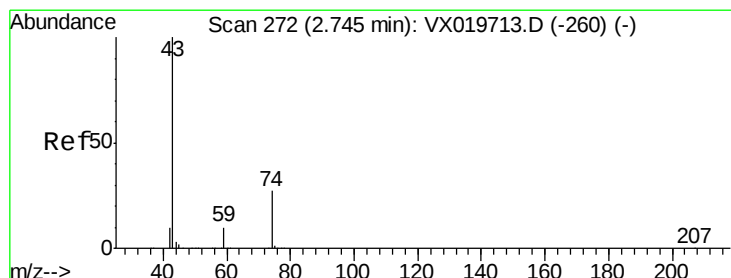
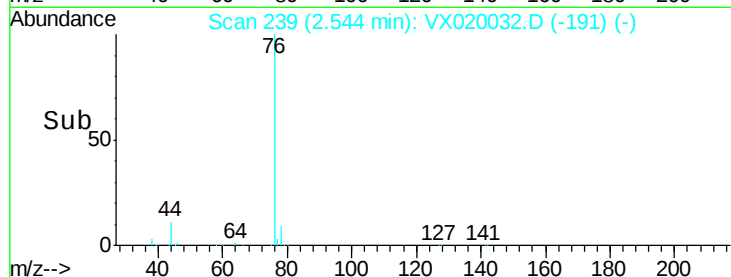
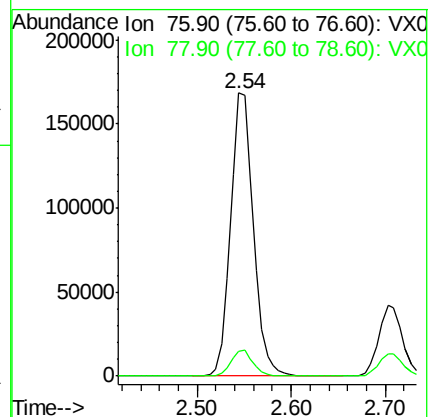
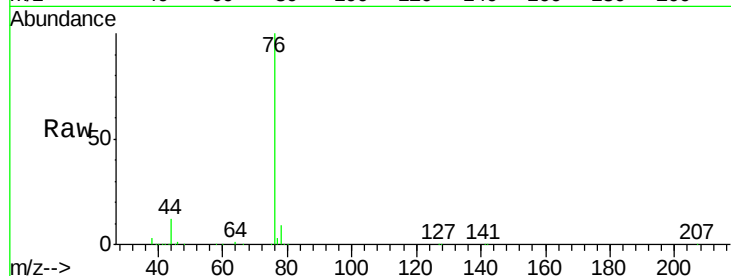
VSTDCCC050

Tgt Ion: 76 Resp: 283144

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 61.657 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX020032.D

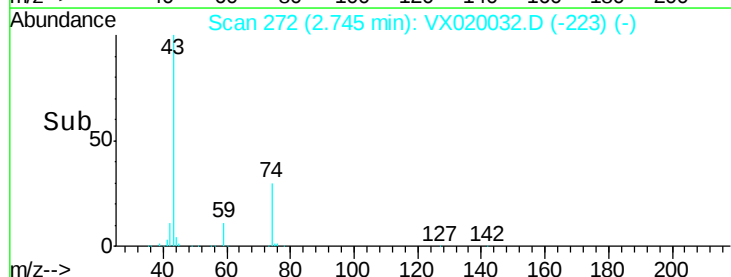
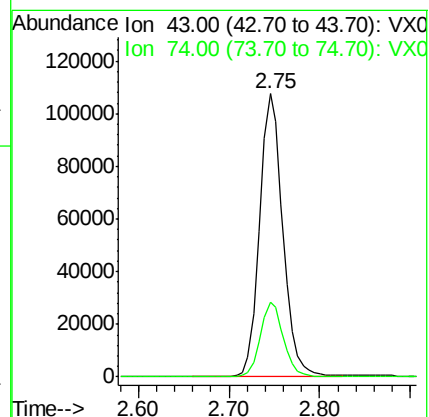
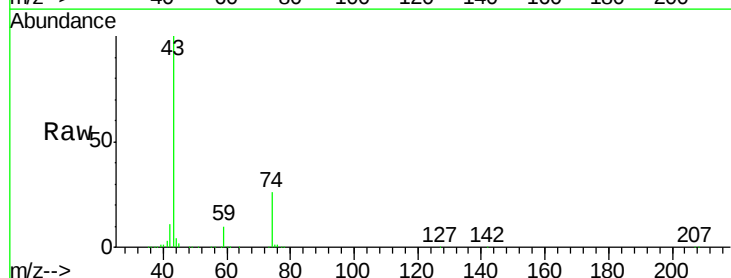
Acq: 15 Dec 2020 23:33

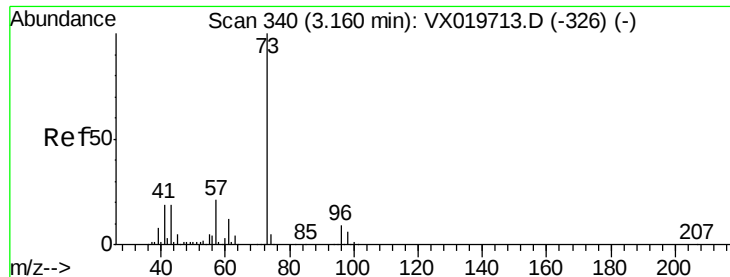
Tgt Ion: 43 Resp: 189982

Ion Ratio Lower Upper

43 100

74 26.7 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 55.070 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

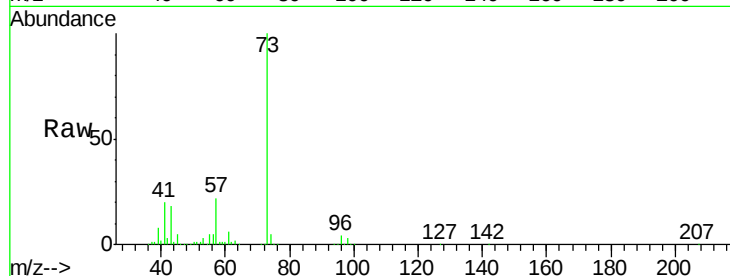
VSTDCCC050

Tgt Ion: 73 Resp: 468354

Ion Ratio Lower Upper

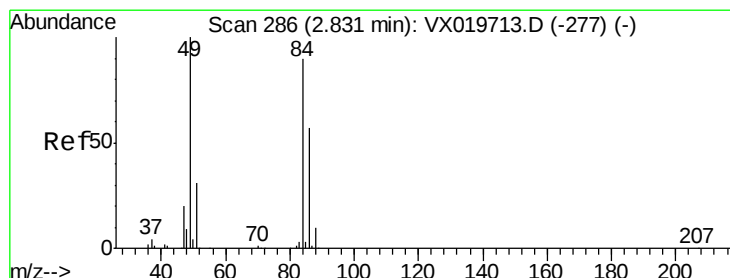
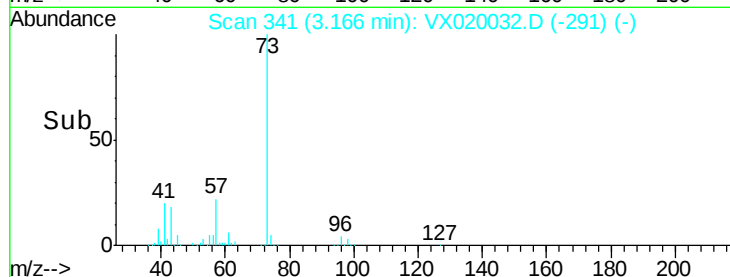
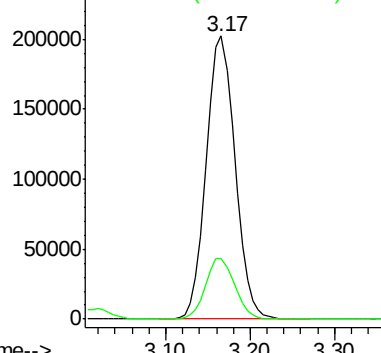
73 100

57 21.6 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 53.396 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Tgt Ion: 84 Resp: 153215

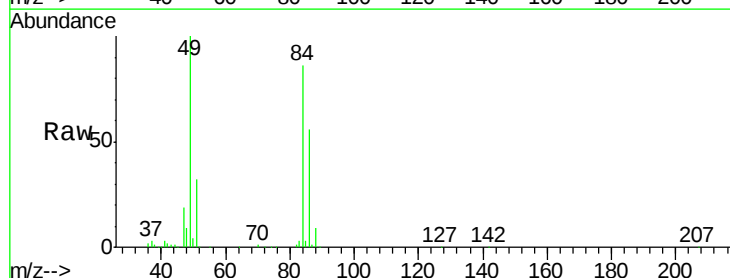
Ion Ratio Lower Upper

84 100

49 116.6 88.6 132.8

51 37.0 27.0 40.6

86 65.3 50.3 75.5

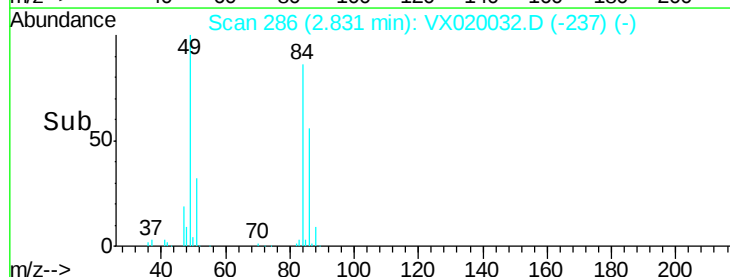
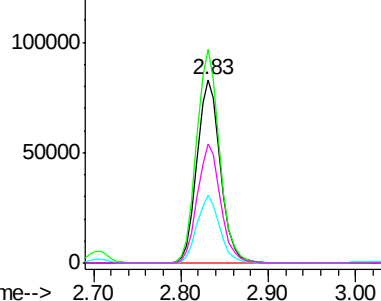


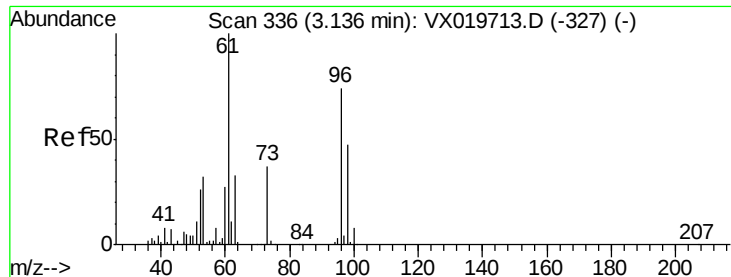
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 50.989 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

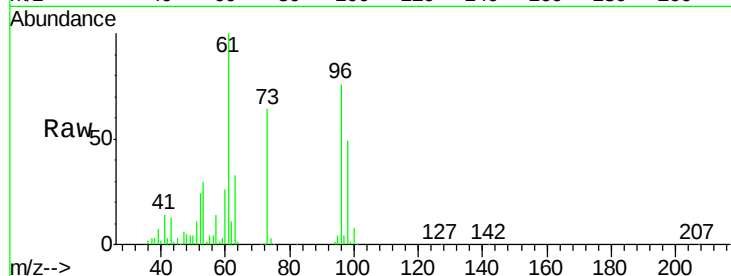
Tgt Ion: 96 Resp: 138822

Ion Ratio Lower Upper

96 100

61 131.6 107.7 161.5

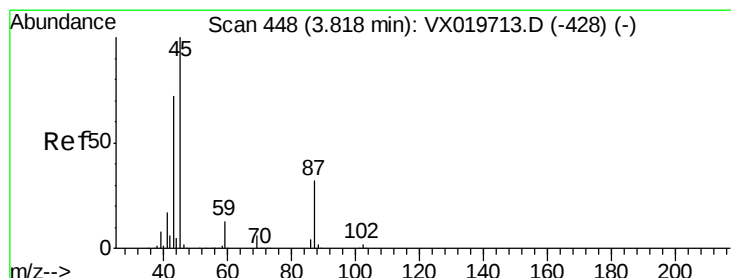
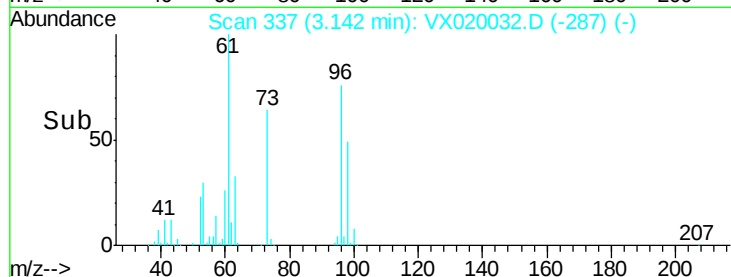
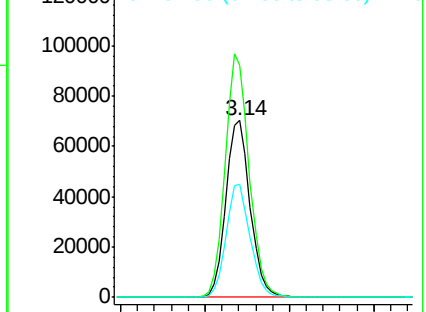
98 64.2 50.4 75.6



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: 57.149 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Tgt Ion: 45 Resp: 455724

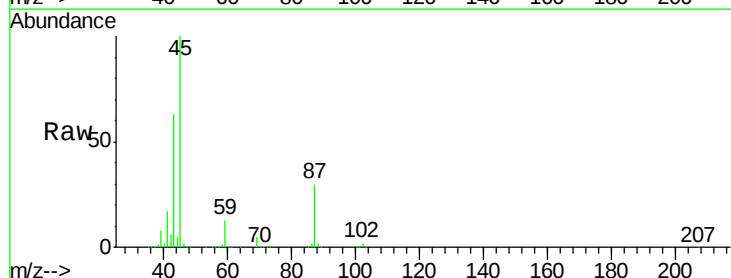
Ion Ratio Lower Upper

45 100

43 63.3 58.0 87.0

87 30.0 25.4 38.0

59 13.0 10.2 15.2

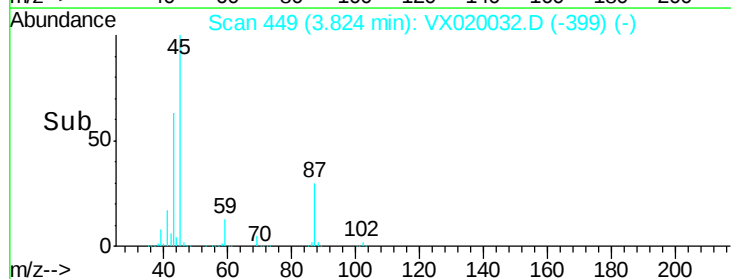
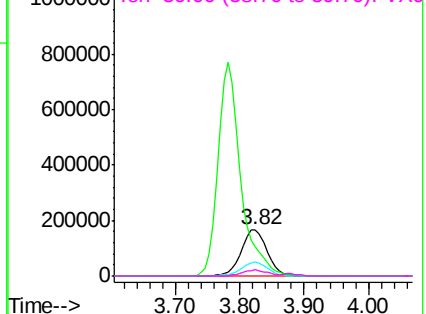


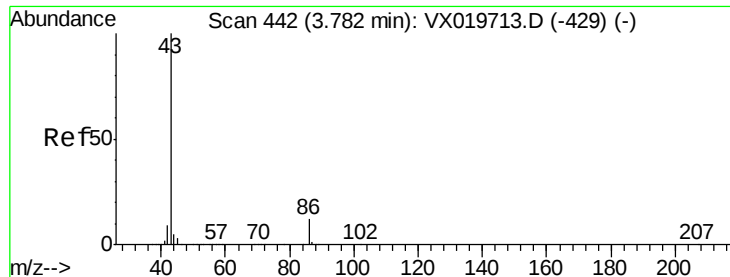
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 283.258 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

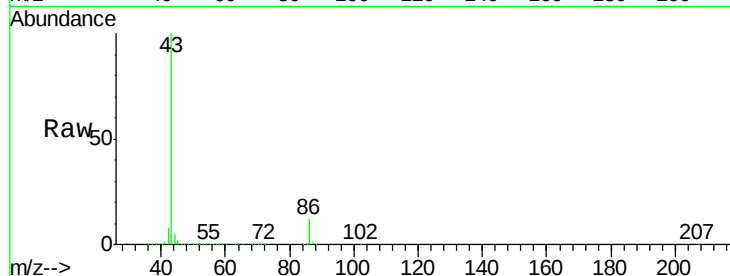
VSTDCCC050

Tgt Ion: 43 Resp: 1924397

Ion Ratio Lower Upper

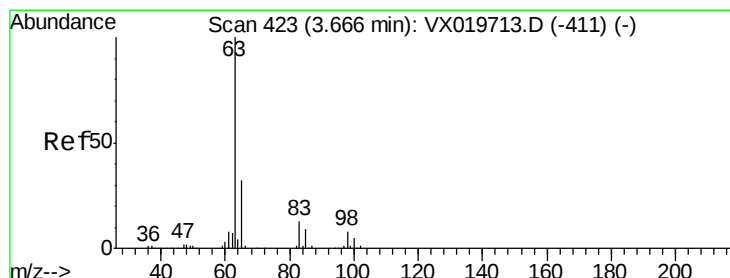
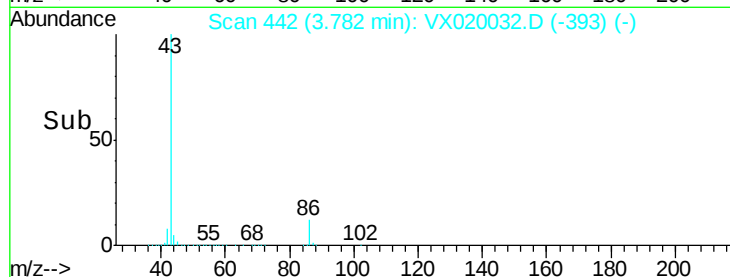
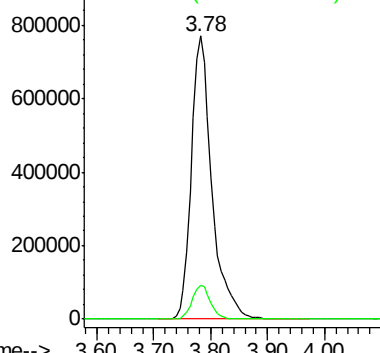
43 100

86 12.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.657 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

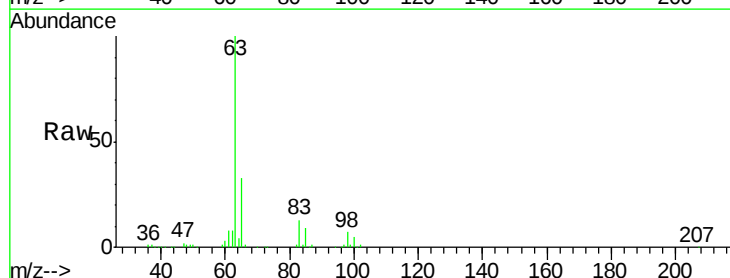
Tgt Ion: 63 Resp: 262833

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

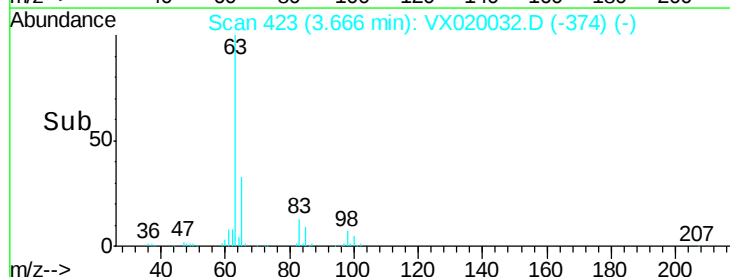
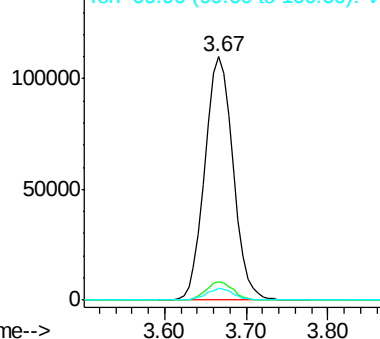
100 4.8 2.5 7.5

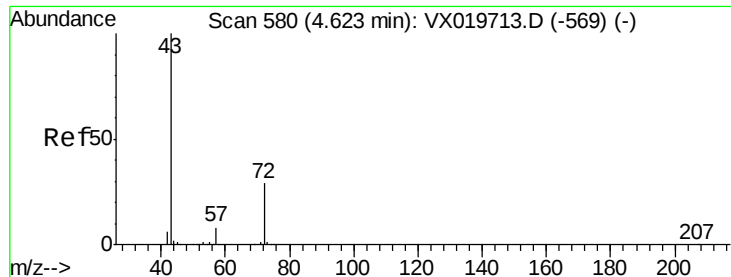


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

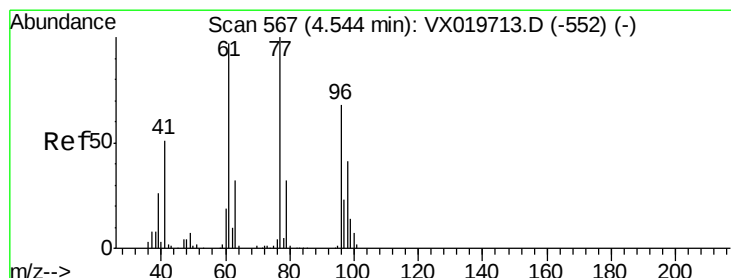
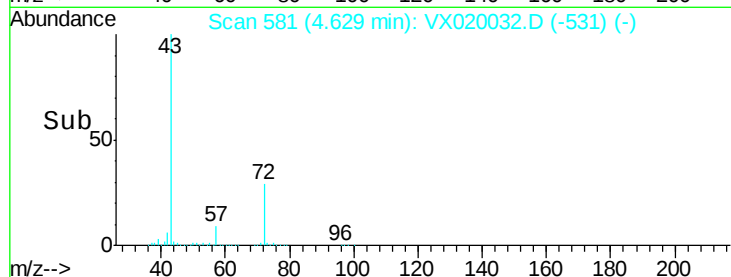
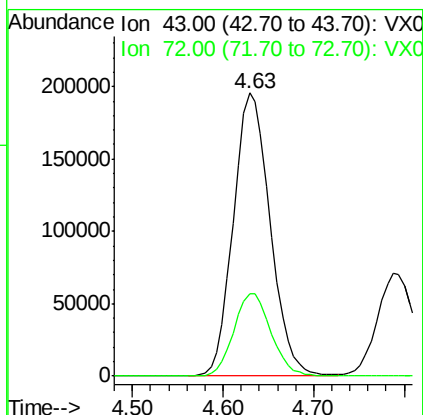
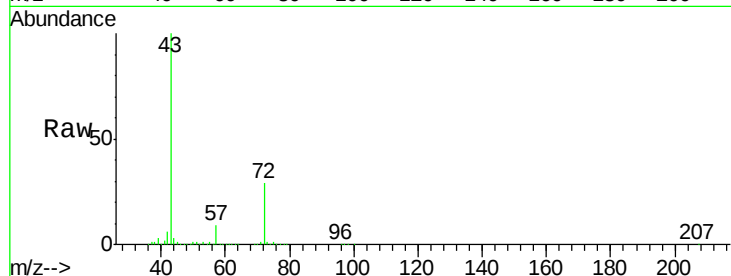




#25
2-Butanone
Concen: 282.883 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

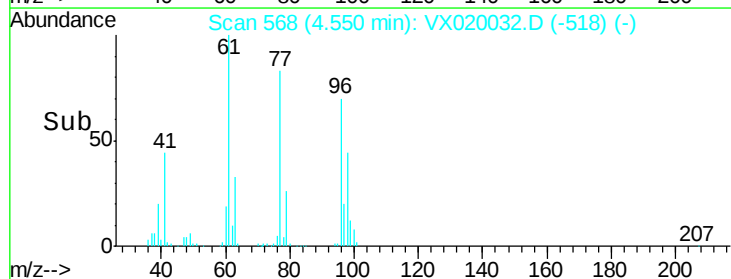
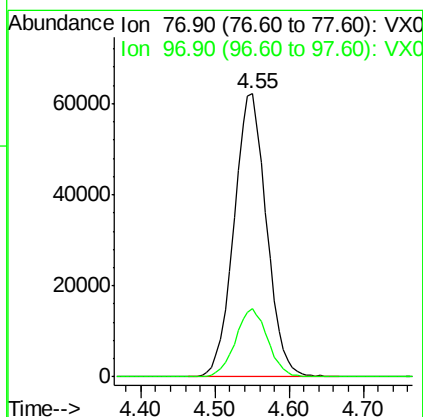
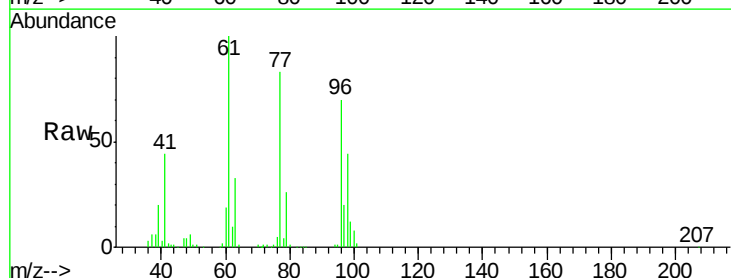
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

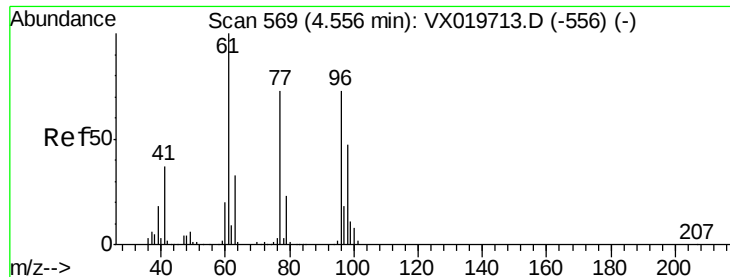
Tgt Ion: 43 Resp: 547325
Ion Ratio Lower Upper
43 100
72 29.2 23.7 35.5



#26
2,2-Dichloropropane
Concen: 45.927 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 77 Resp: 190192
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.967 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

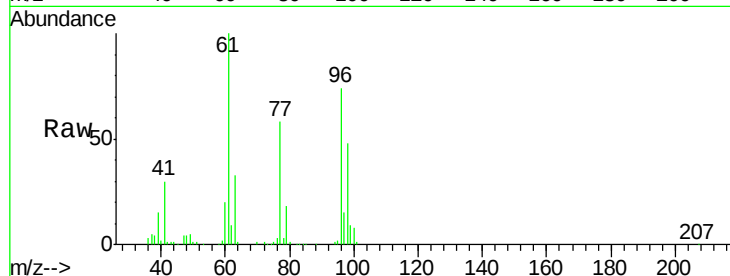
Tgt Ion: 96 Resp: 165576

Ion Ratio Lower Upper

96 100

61 142.4 0.0 285.6

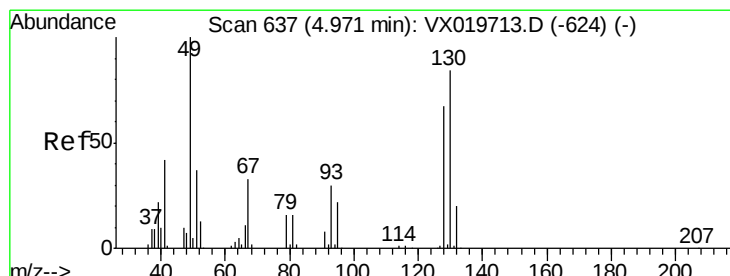
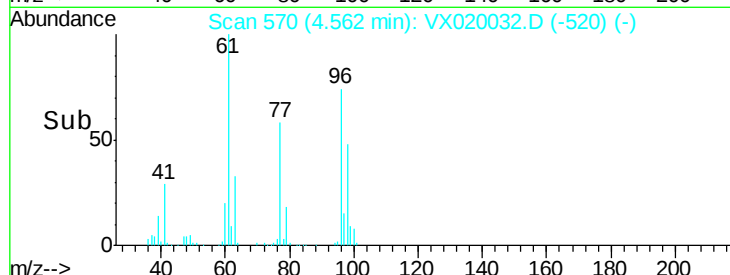
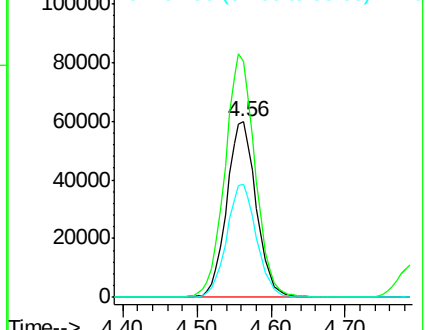
98 64.8 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 52.907 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

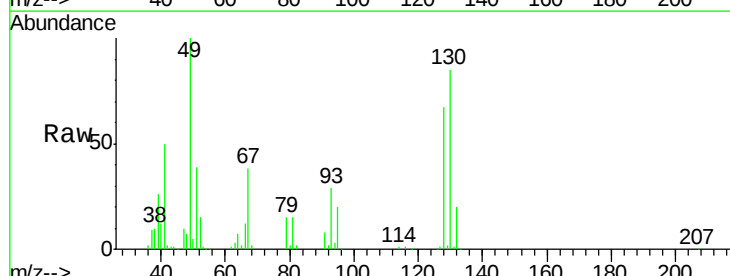
Tgt Ion: 49 Resp: 121284

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

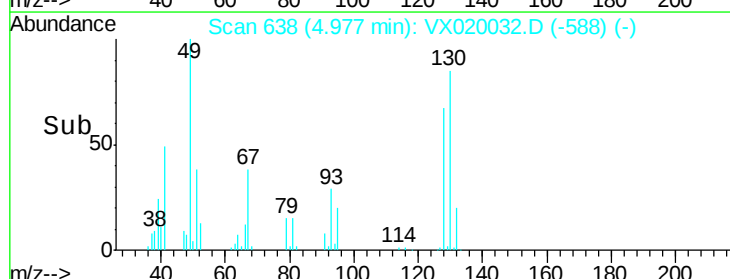
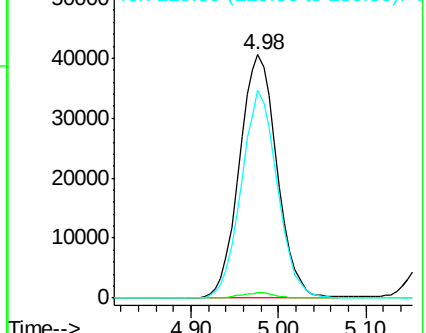
130 81.8 68.2 102.2

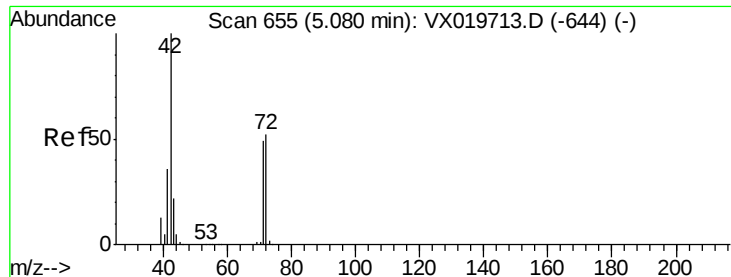


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

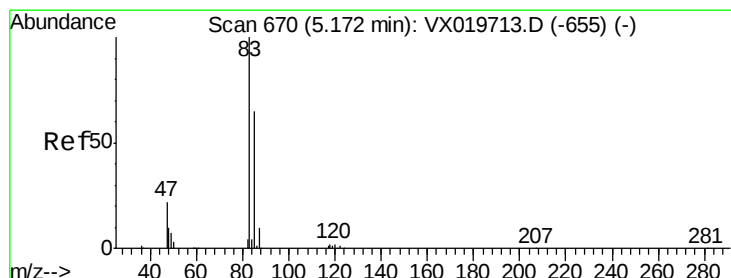
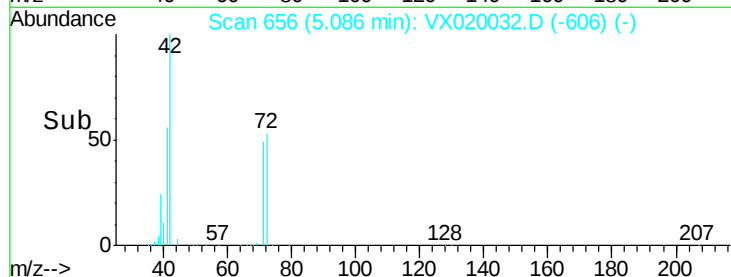
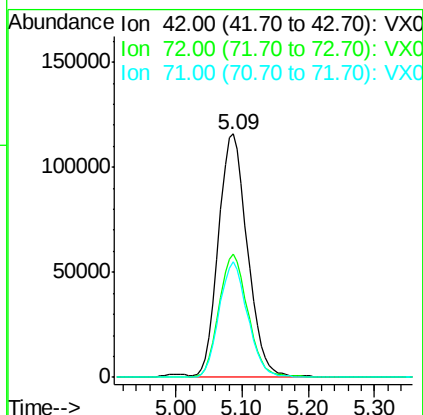
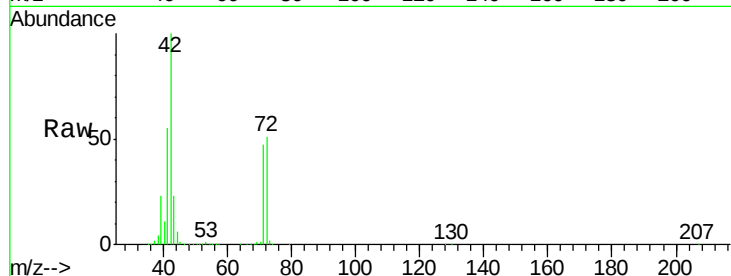




#29
Tetrahydrofuran
Concen: 282.549 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

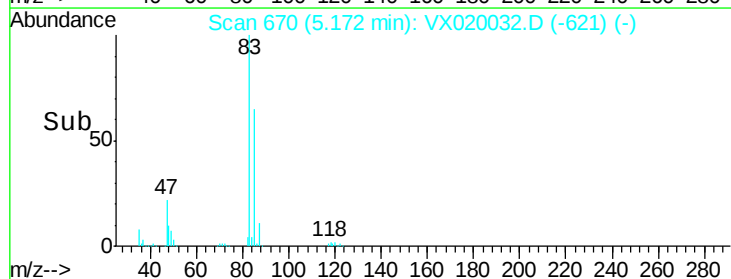
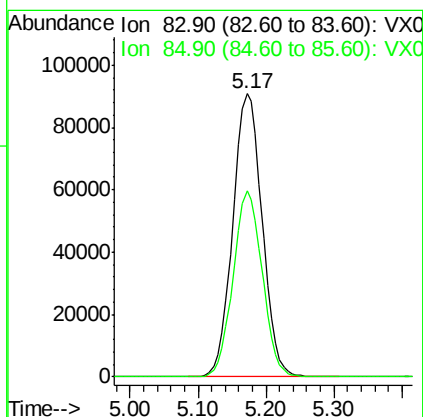
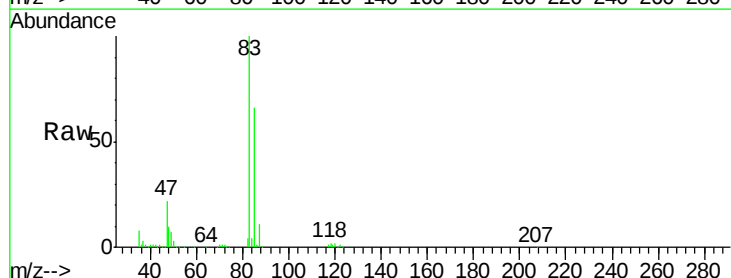
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

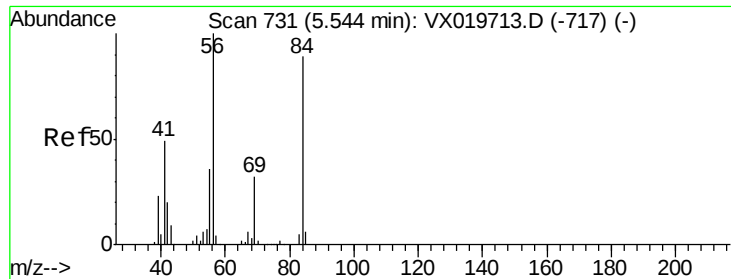
Tgt Ion: 42 Resp: 352218
Ion Ratio Lower Upper
42 100
72 50.8 41.7 62.5
71 46.5 38.4 57.6



#30
Chloroform
Concen: 55.031 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 83 Resp: 272101
Ion Ratio Lower Upper
83 100
85 65.7 52.0 78.0

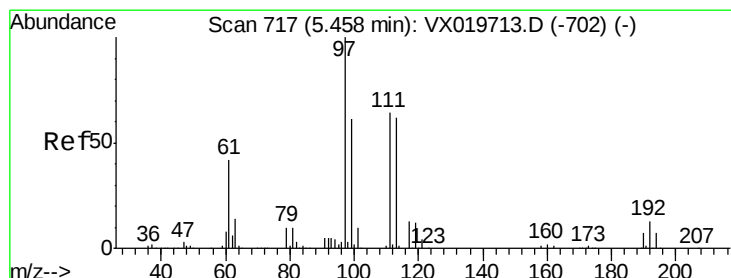
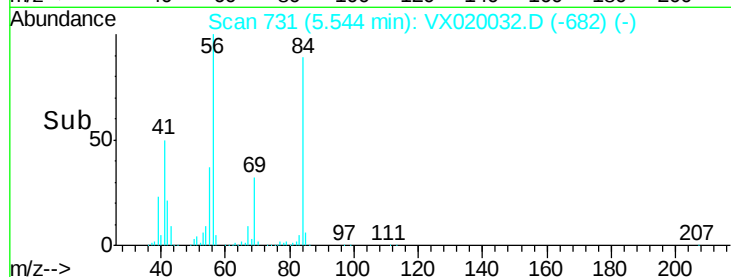
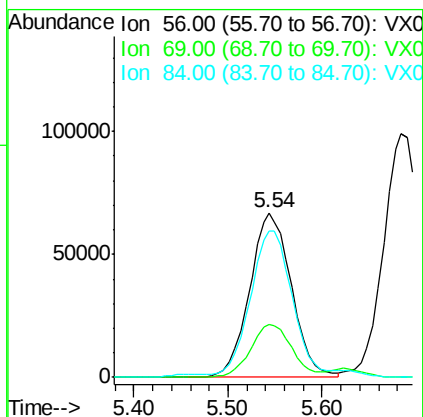
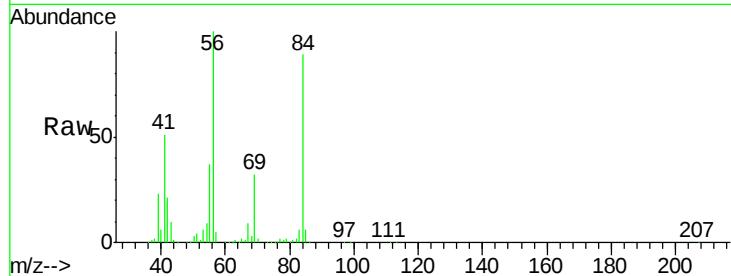




#31
Cyclohexane
Concen: 49.759 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

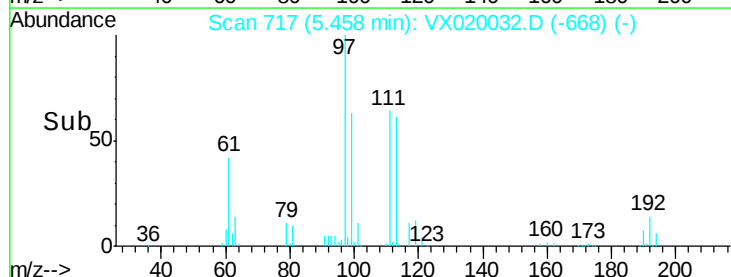
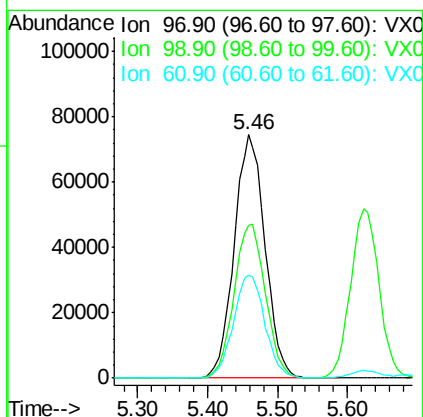
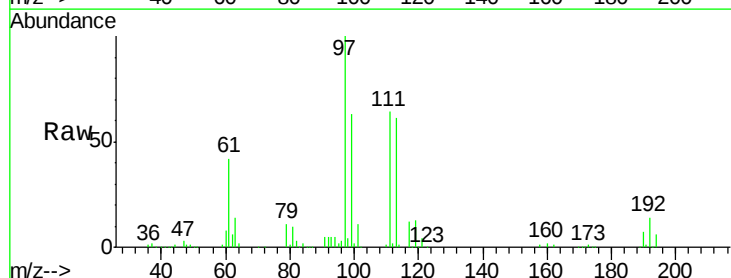
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

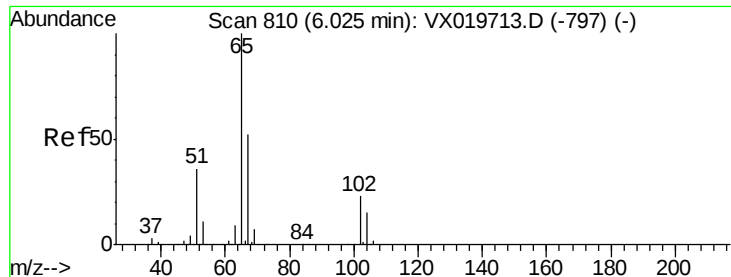
Tgt Ion: 56 Resp: 207348
Ion Ratio Lower Upper
56 100
69 32.2 25.3 37.9
84 87.4 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 53.403 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 97 Resp: 227394
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 43.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

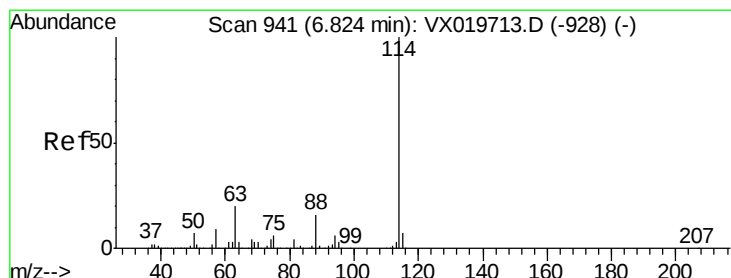
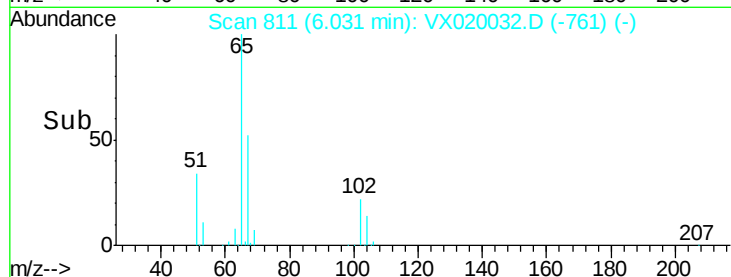
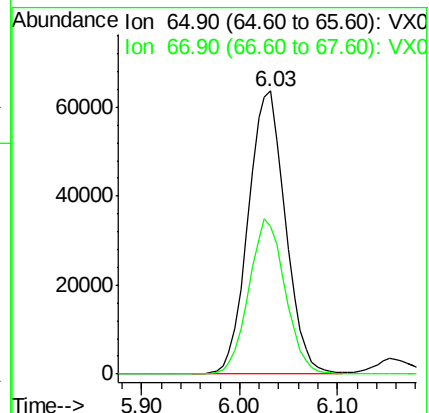
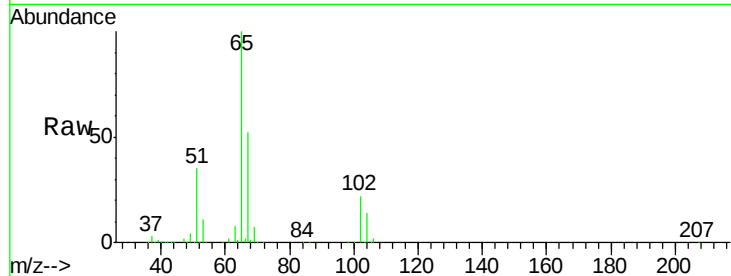
VSTDCCC050

Tgt Ion: 65 Resp: 167835

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

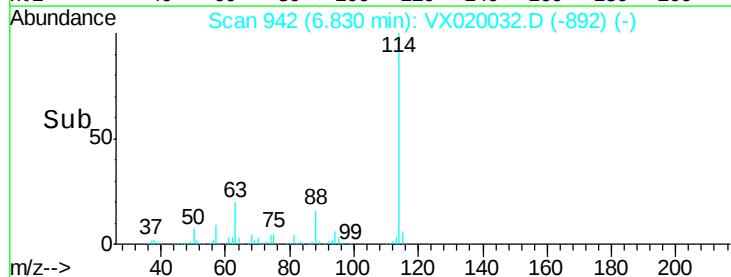
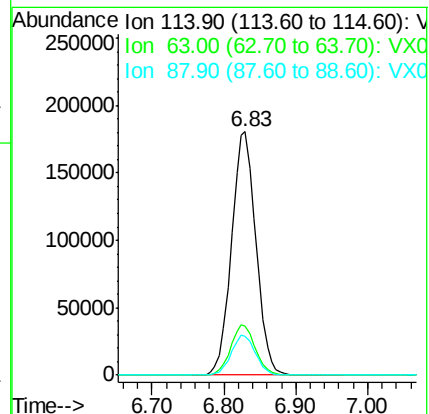
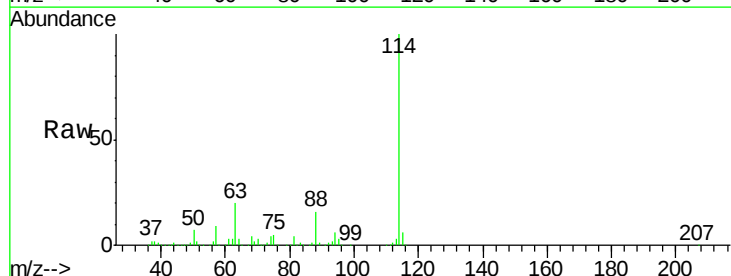
Tgt Ion: 114 Resp: 424305

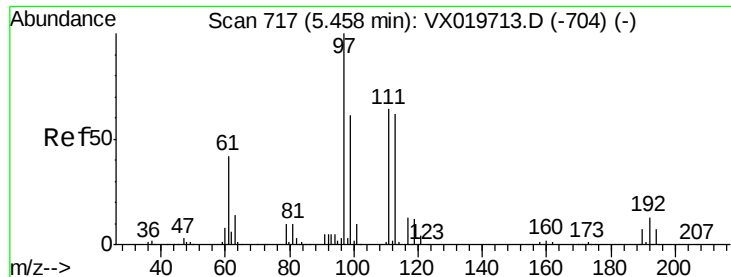
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.410 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

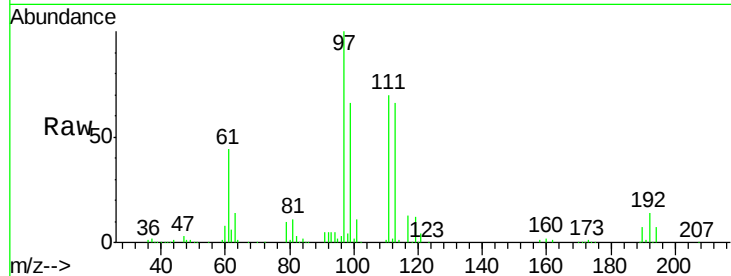
Tgt Ion:113 Resp: 135494

Ion Ratio Lower Upper

113 100

111 104.2 81.9 122.9

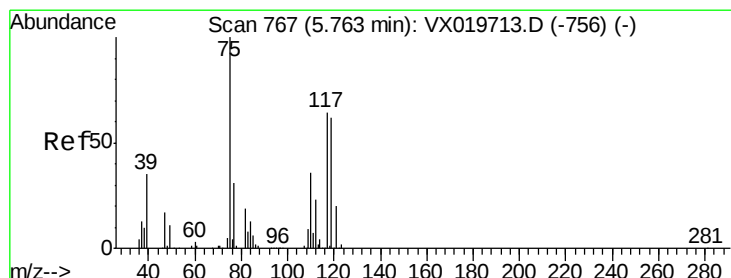
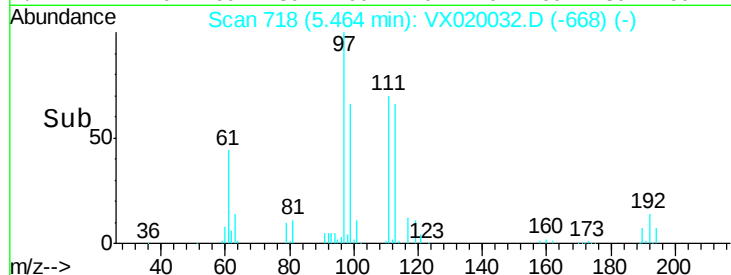
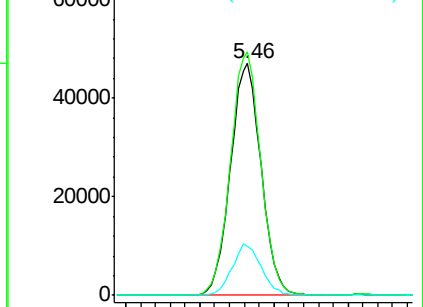
192 21.0 16.7 25.1



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: 48.882 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

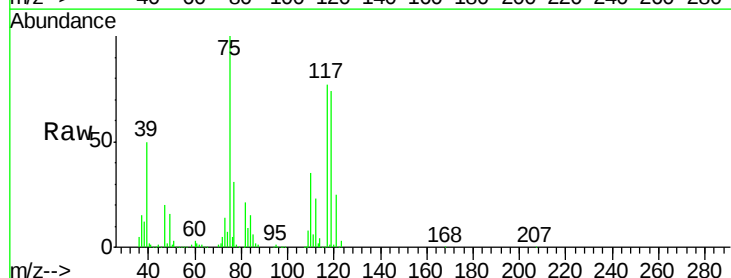
Tgt Ion: 75 Resp: 187423

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

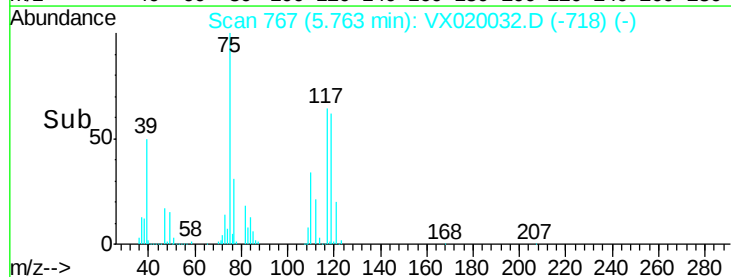
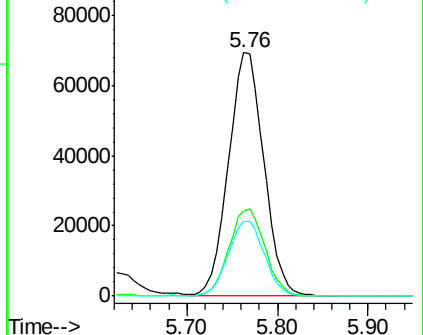
77 31.6 25.3 37.9

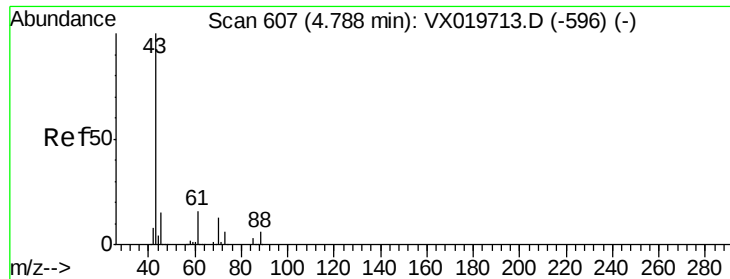


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.387 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

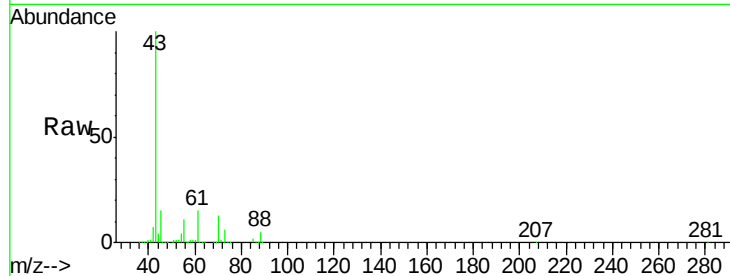
Tgt Ion: 43 Resp: 206671

Ion Ratio Lower Upper

43 100

61 15.6 12.8 19.2

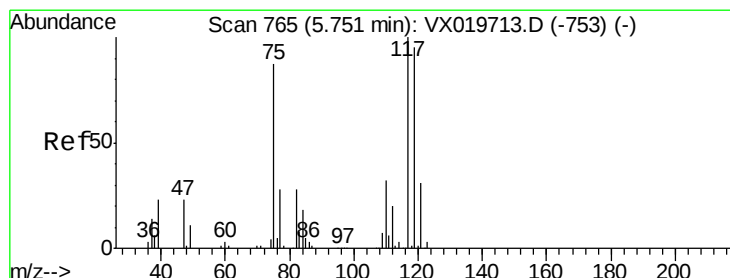
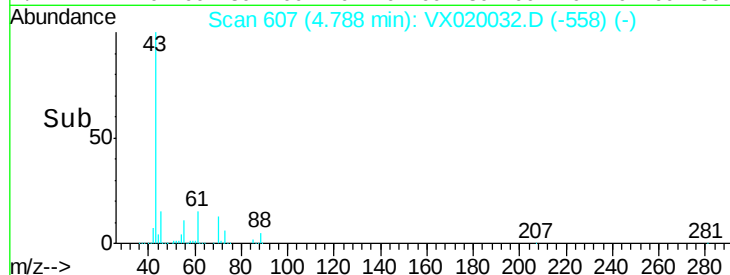
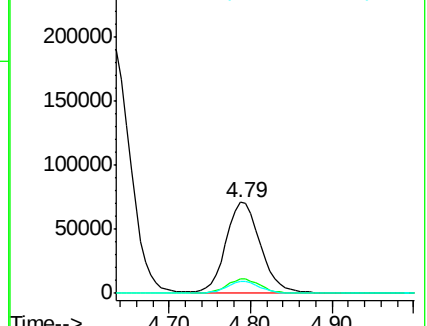
70 12.8 10.5 15.7



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: 50.452 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

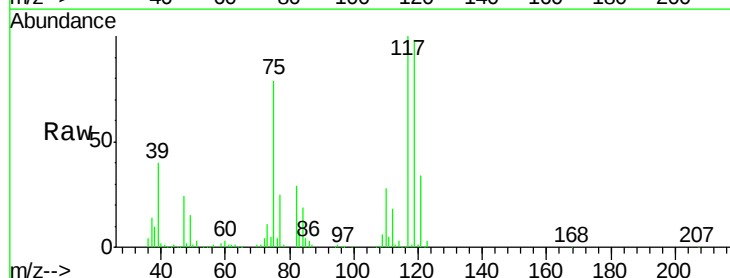
Tgt Ion: 117 Resp: 189429

Ion Ratio Lower Upper

117 100

119 98.3 76.2 114.2

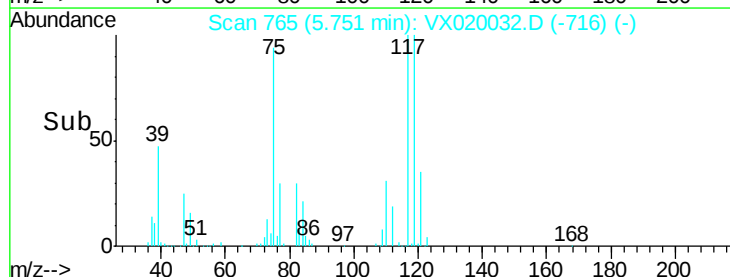
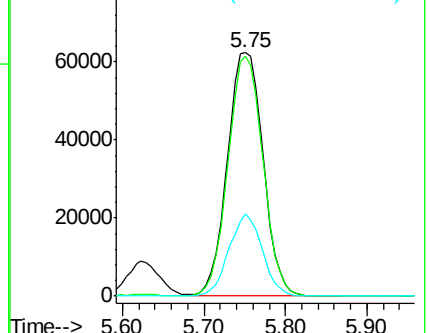
121 33.8 24.8 37.2

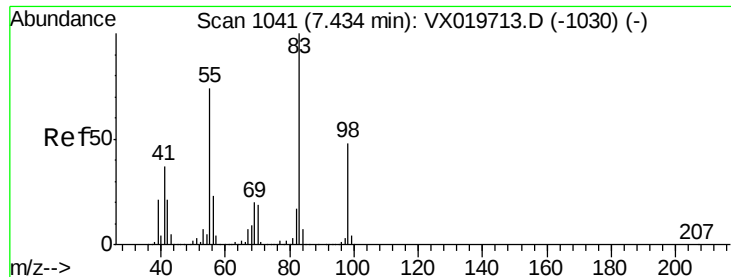


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

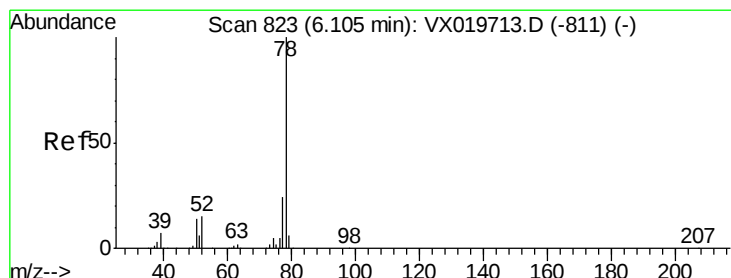
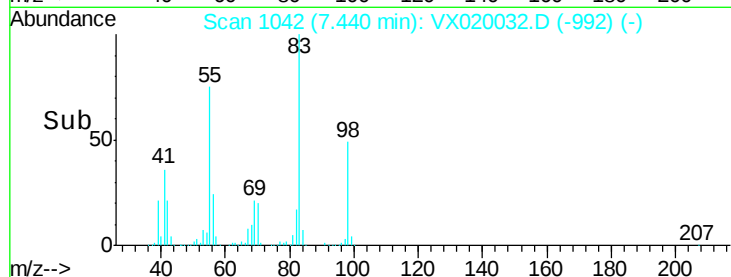
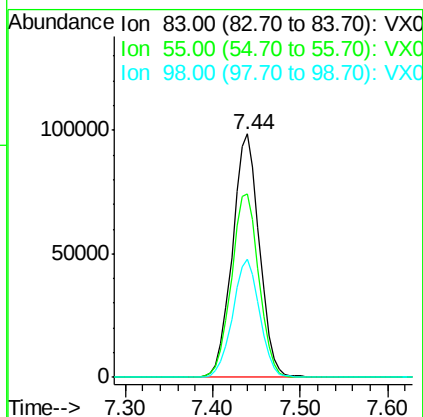
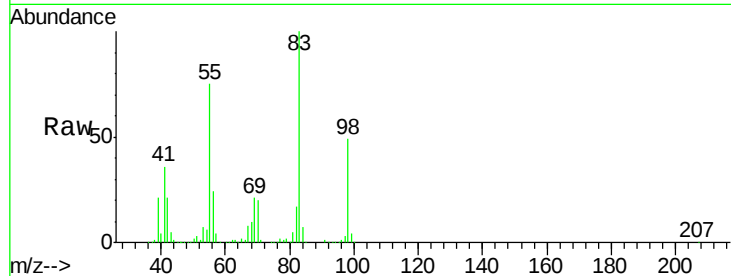




#39
Methylcyclohexane
Concen: 46.785 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

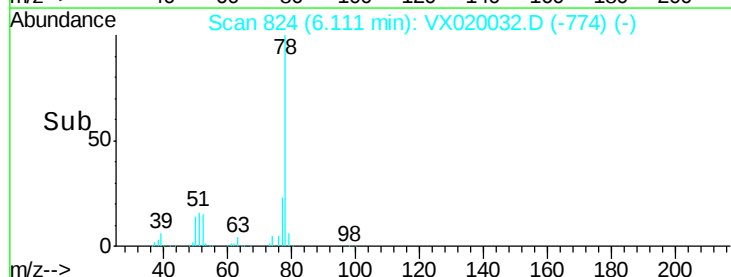
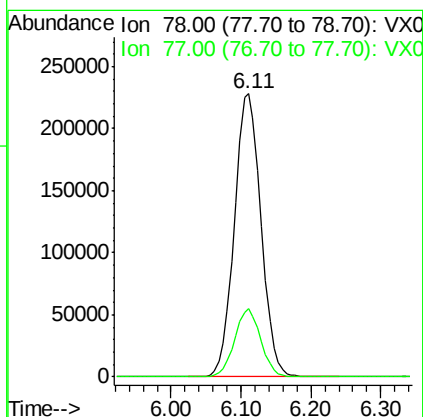
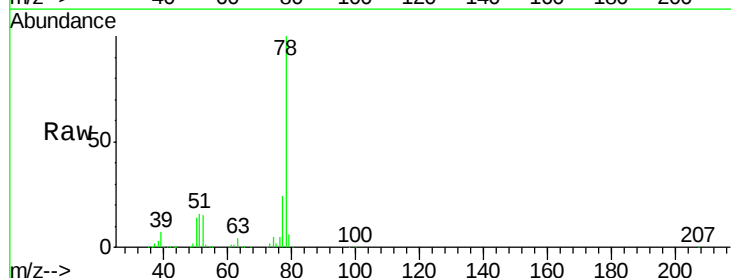
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

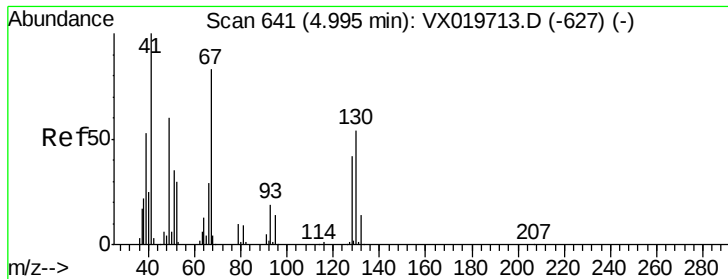
Tgt Ion: 83 Resp: 210752
Ion Ratio Lower Upper
83 100
55 75.1 58.9 88.3
98 48.7 38.1 57.1



#40
Benzene
Concen: 51.381 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 78 Resp: 601789
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3





#41

Methacrylonitrile

Concen: 54.100 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 114988

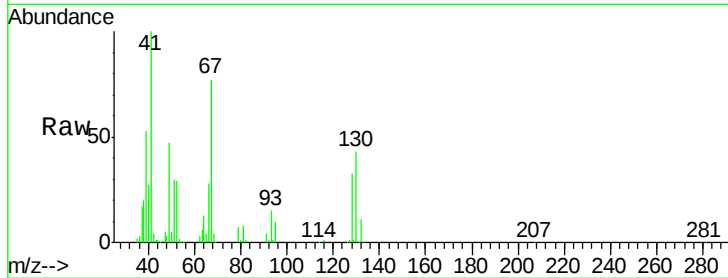
Ion Ratio Lower Upper

41 100

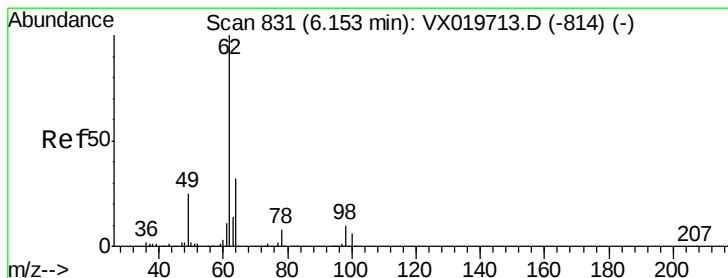
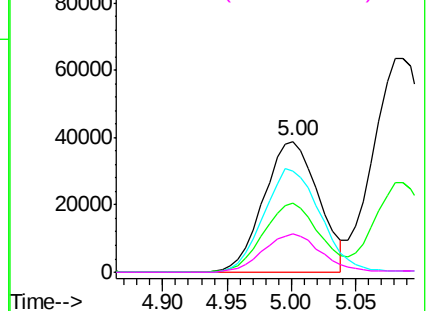
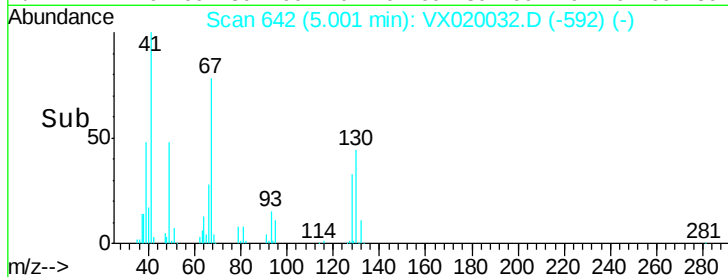
39 54.7 42.5 63.7

67 82.3 65.0 97.6

52 31.6 25.3 37.9



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



#42

1,2-Dichloroethane

Concen: 52.729 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX020032.D

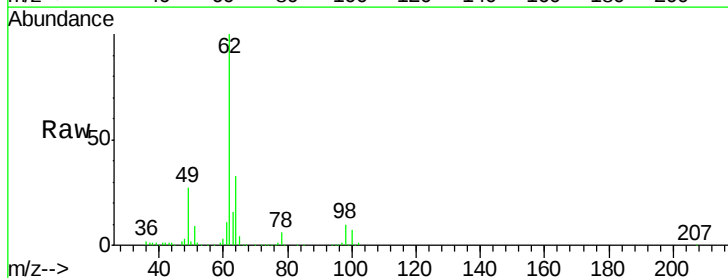
Acq: 15 Dec 2020 23:33

Tgt Ion: 62 Resp: 211004

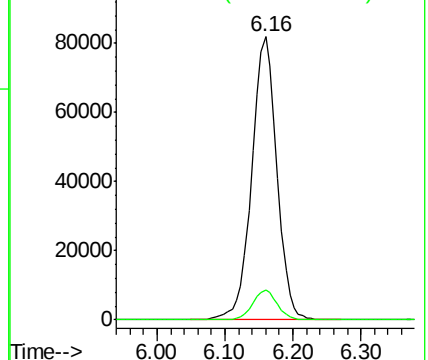
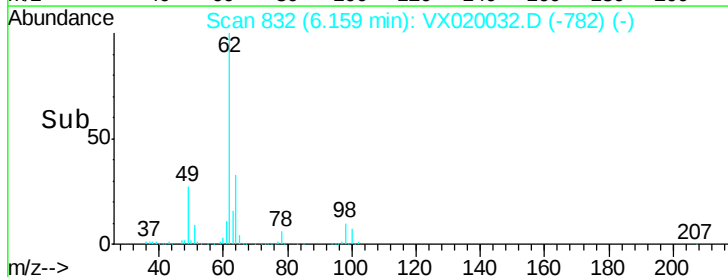
Ion Ratio Lower Upper

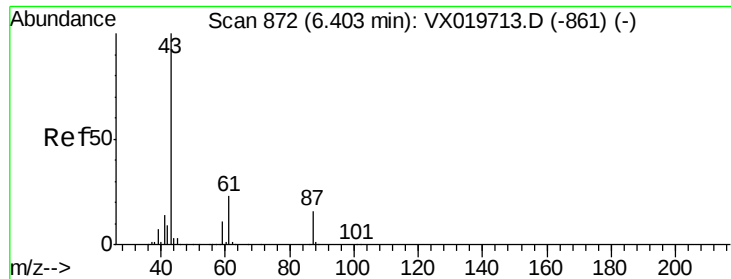
62 100

98 10.2 0.0 20.2



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



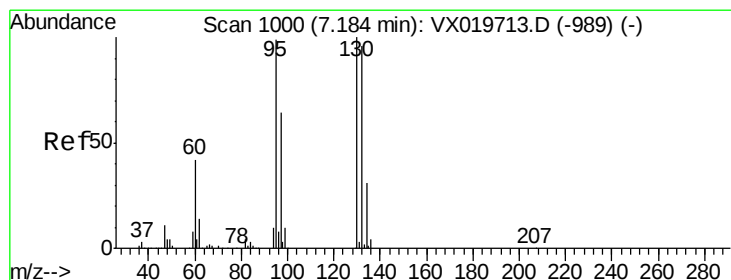
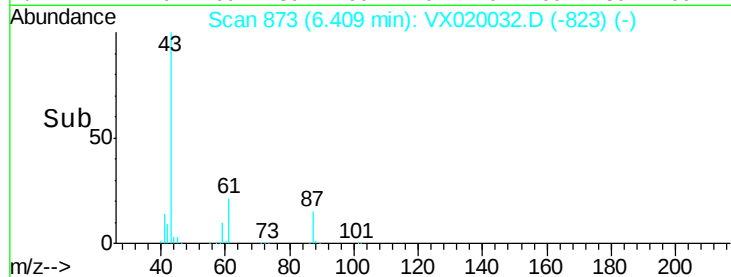
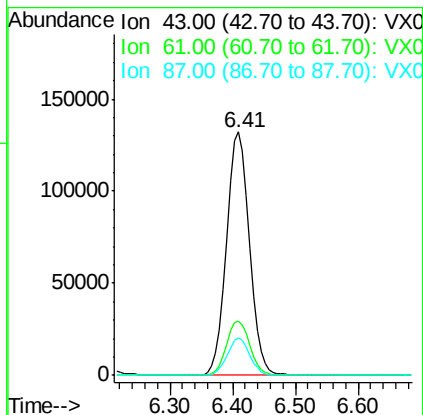
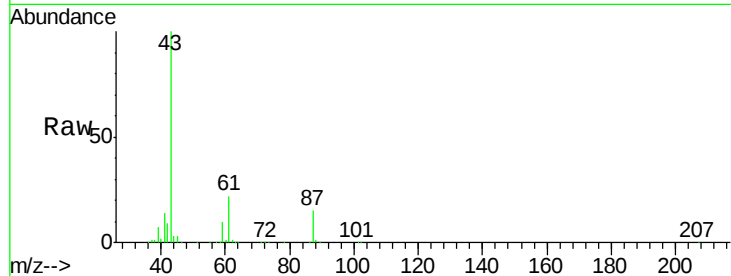


#43

Isopropyl Acetate
 Concen: 53.033 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

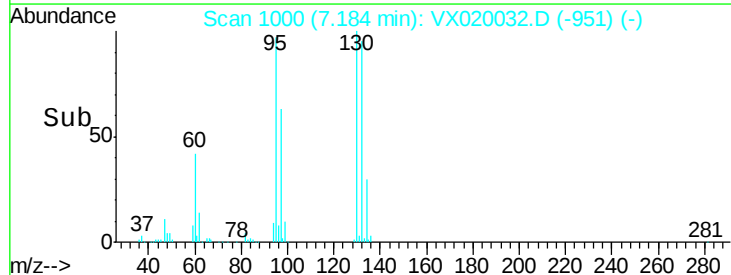
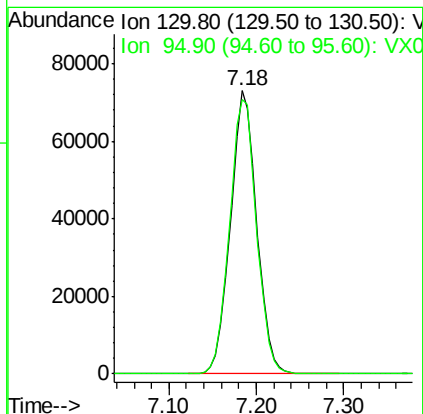
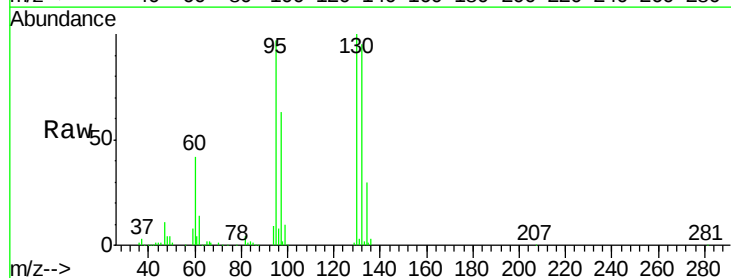
Tgt Ion: 43 Resp: 333781
 Ion Ratio Lower Upper
 43 100
 61 22.8 18.2 27.4
 87 15.1 12.5 18.7

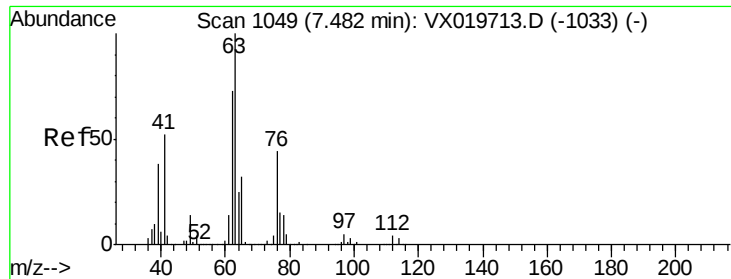


#44

Trichloroethene
 Concen: 49.564 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion: 130 Resp: 152312
 Ion Ratio Lower Upper
 130 100
 95 97.0 0.0 198.0

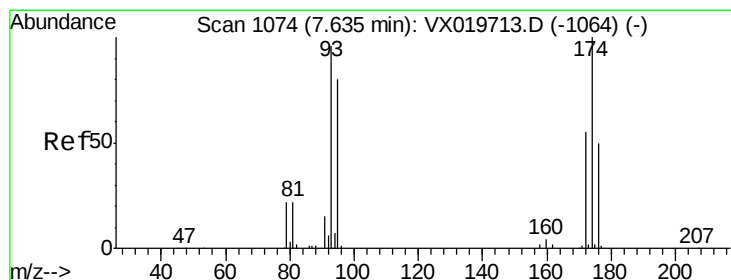
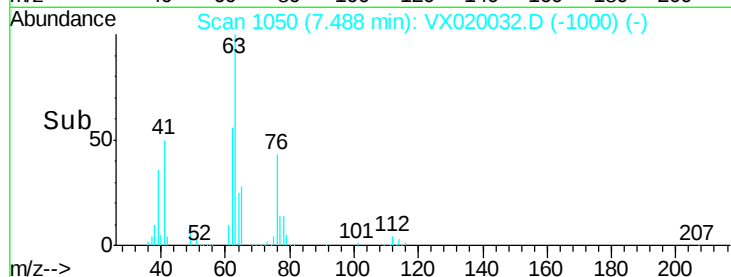
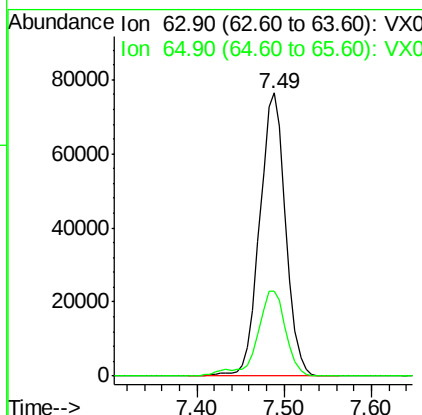
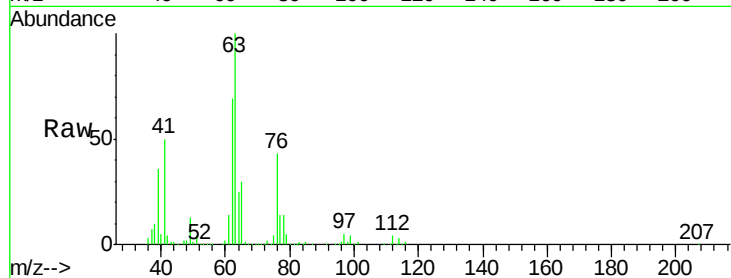




#45
 1,2-Dichloropropane
 Concen: 54.128 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

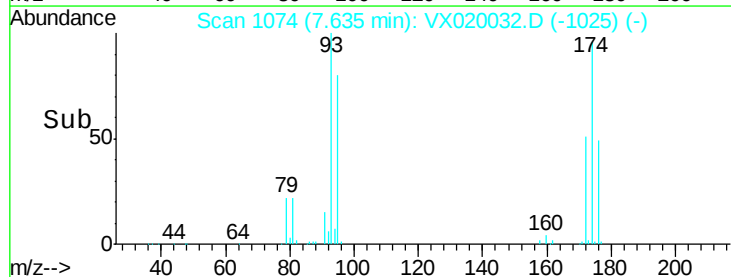
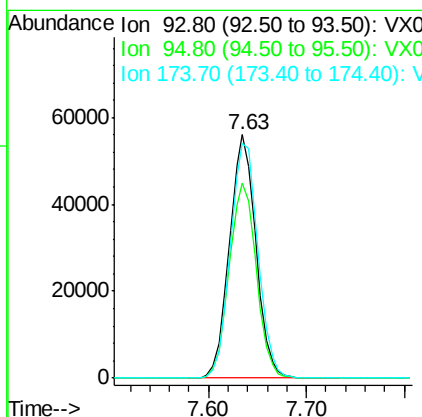
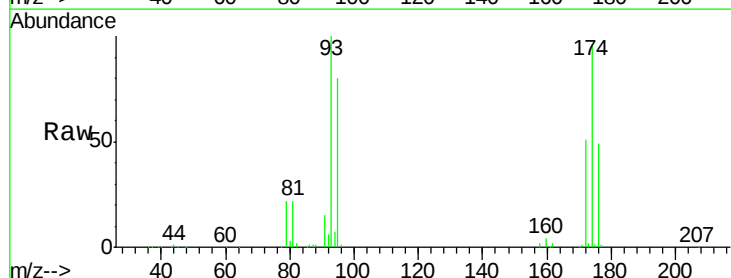
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

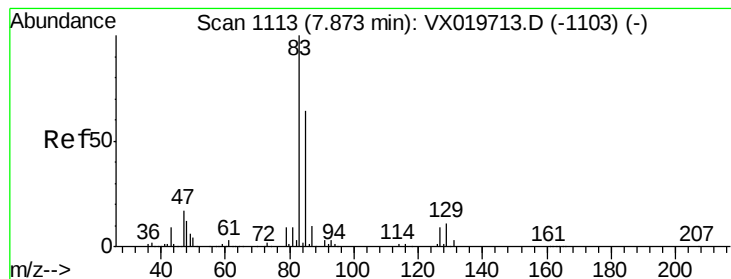
Tgt Ion: 63 Resp: 158443
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.7 38.5



#46
 Dibromomethane
 Concen: 53.140 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion: 93 Resp: 105046
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.8 100.2
 174 101.0 83.1 124.7





#47

Bromodichloromethane

Concen: 53.757 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

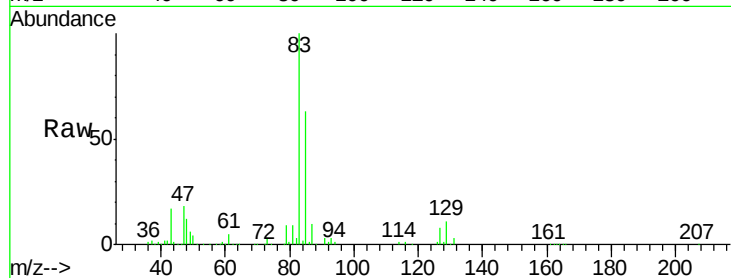
Tgt Ion: 83 Resp: 210864

Ion Ratio Lower Upper

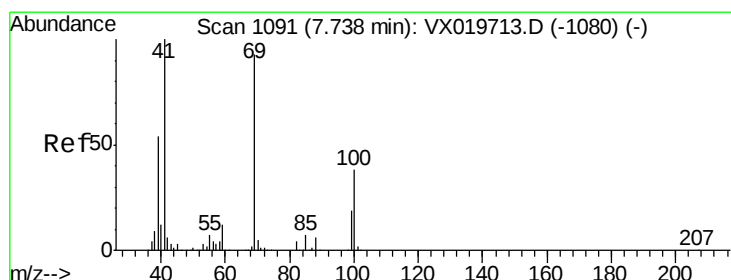
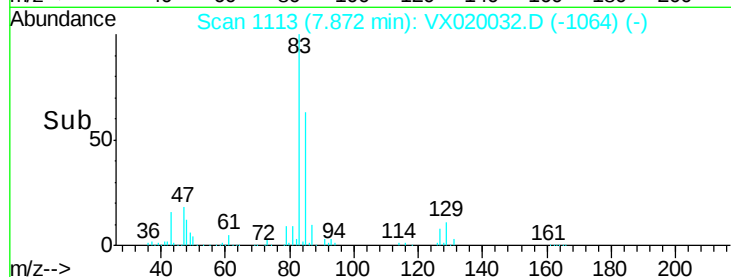
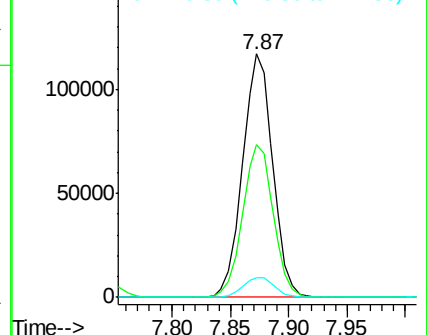
83 100

85 62.7 51.4 77.0

127 8.0 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: 53.959 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

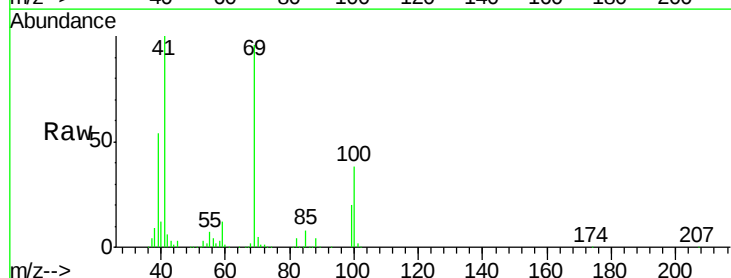
Tgt Ion: 41 Resp: 167023

Ion Ratio Lower Upper

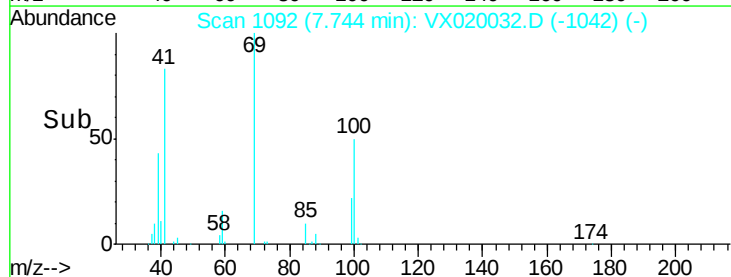
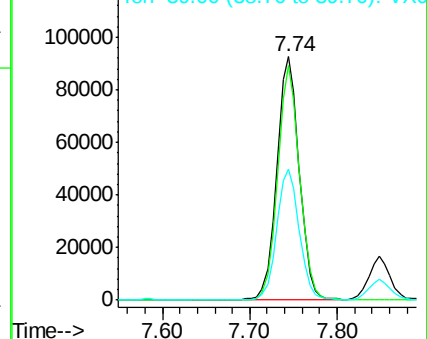
41 100

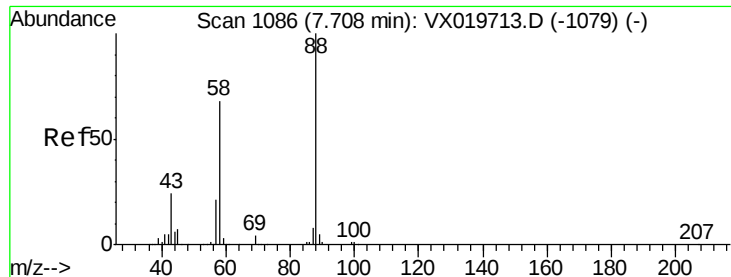
69 93.8 76.0 114.0

39 54.0 44.6 67.0



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

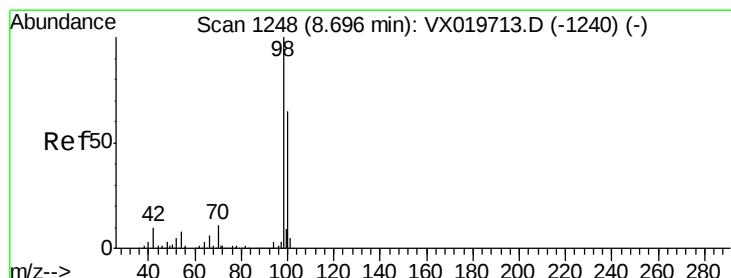
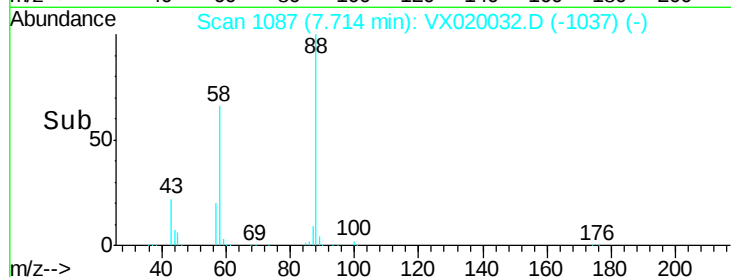
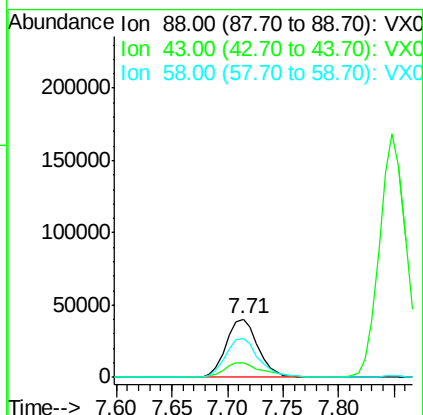
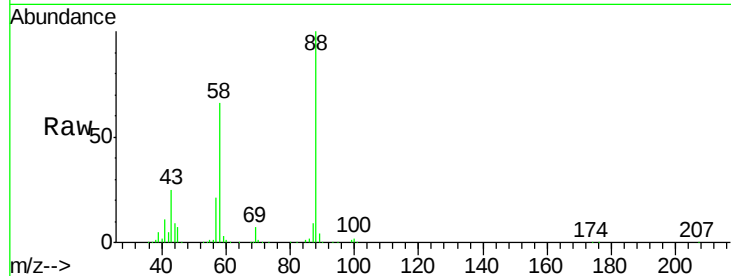




#49
1,4-Dioxane
Concen: 1066.596 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

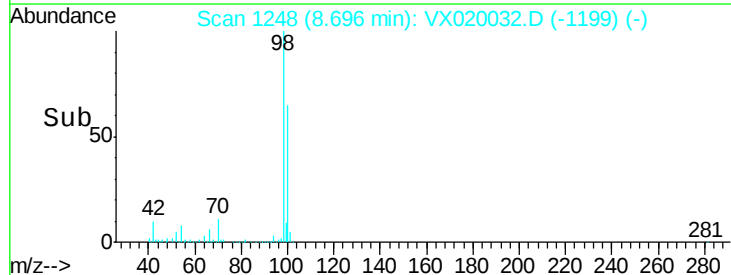
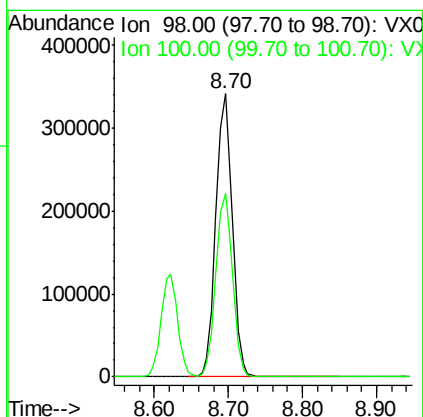
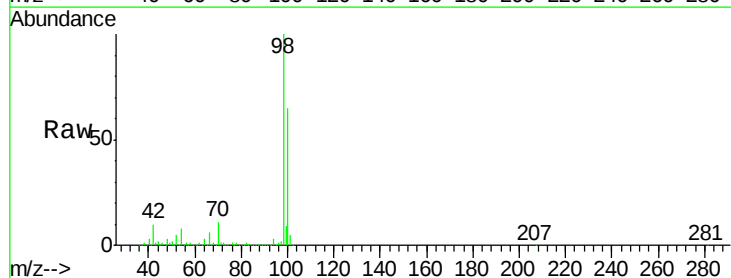
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

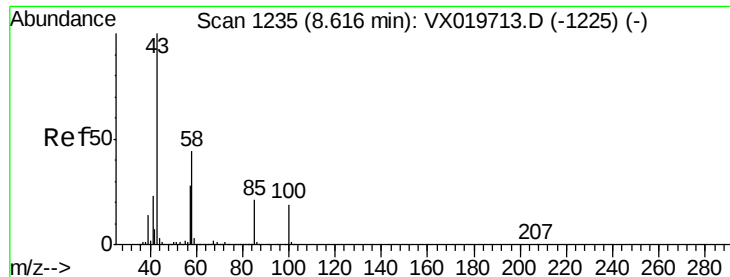
Tgt Ion: 88 Resp: 79978
Ion Ratio Lower Upper
88 100
43 29.2 23.2 34.8
58 69.7 55.0 82.4



#50
Toluene-d8
Concen: 49.491 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 98 Resp: 518129
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

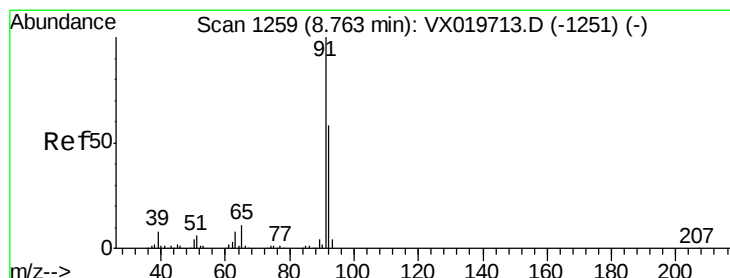
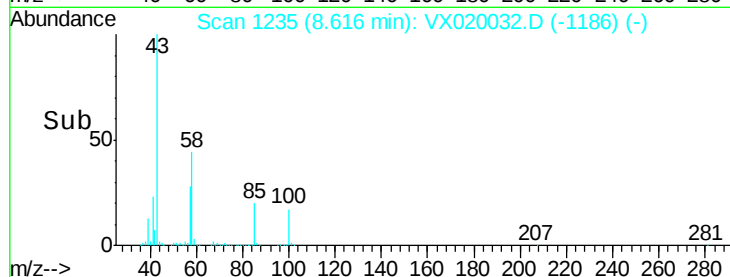
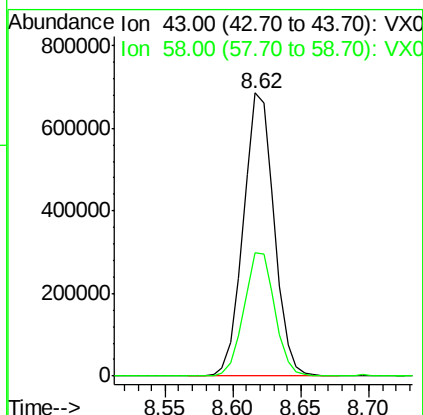
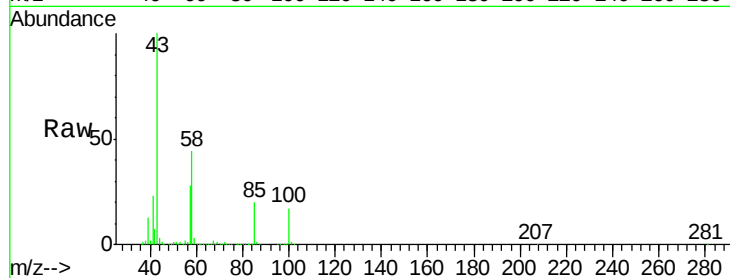




#51
 4-Methyl-2-Pentanone
 Concen: 281.117 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

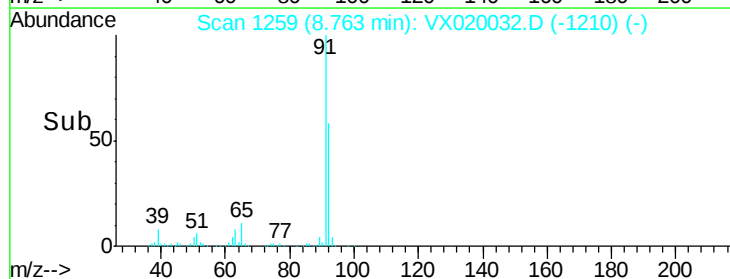
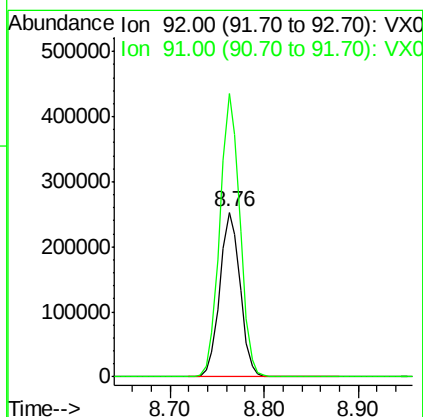
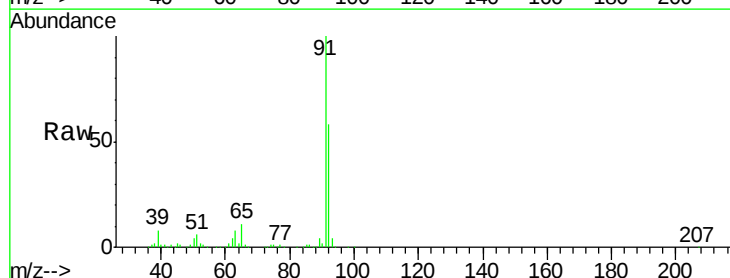
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

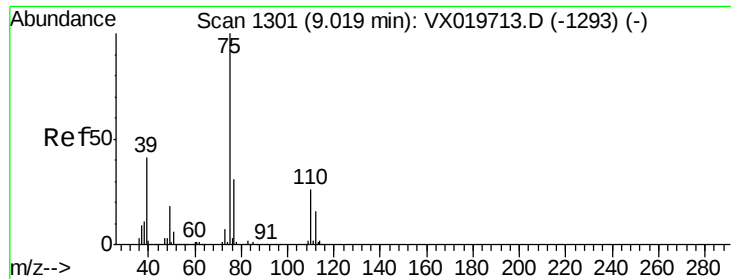
Tgt Ion: 43 Resp: 1080217
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.4 53.0



#52
 Toluene
 Concen: 51.390 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion: 92 Resp: 376450
 Ion Ratio Lower Upper
 92 100
 91 171.0 137.1 205.7

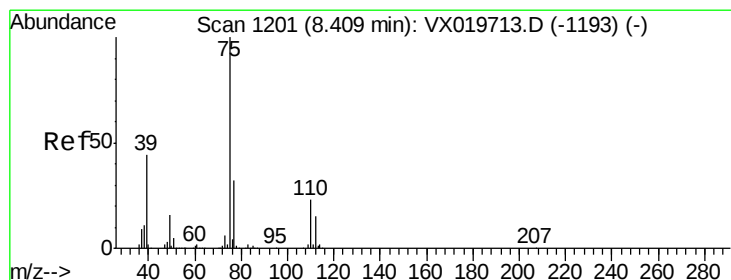
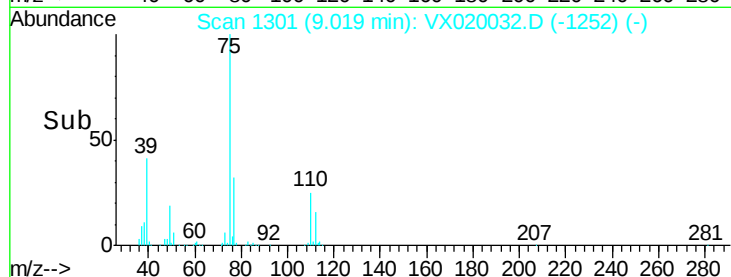
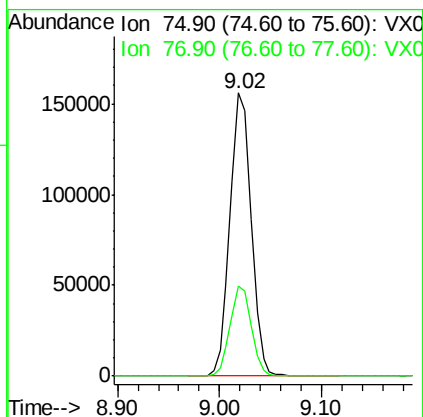
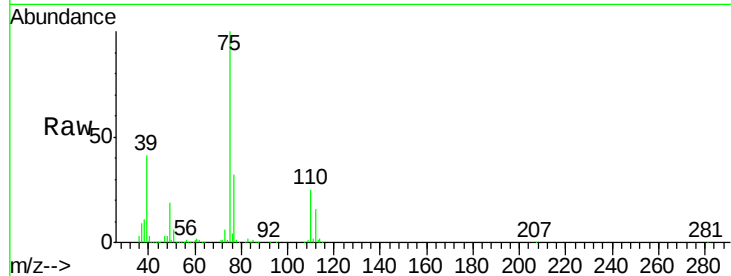




#53
t-1,3-Dichloropropene
Concen: 51.613 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

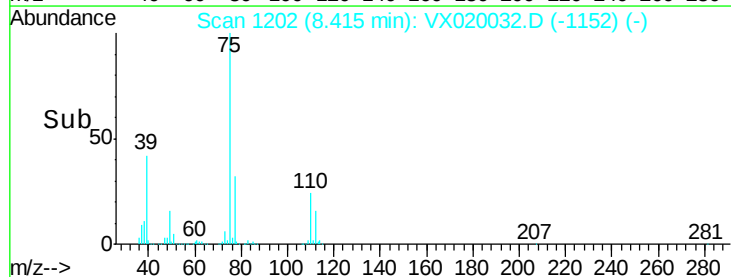
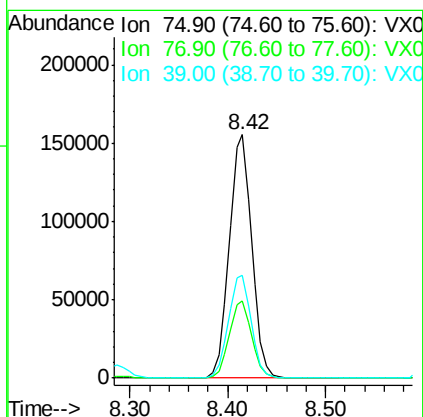
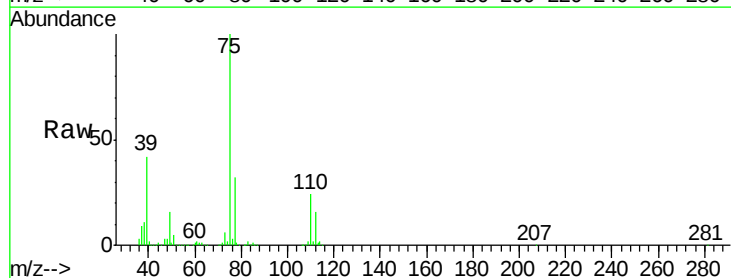
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

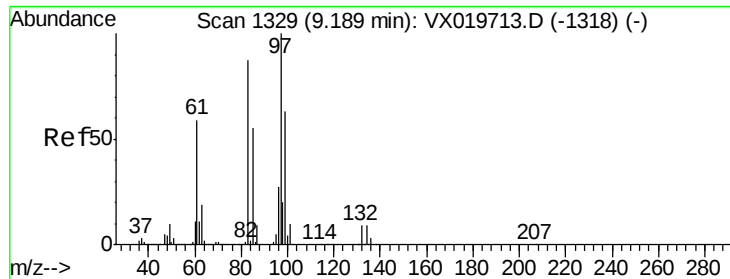
Tgt Ion: 75 Resp: 224662
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 52.174 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 75 Resp: 246730
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 42.1 35.1 52.7

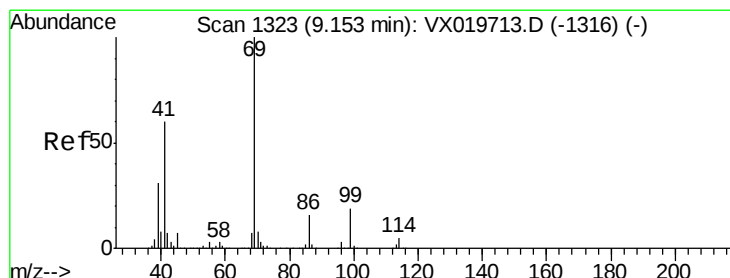
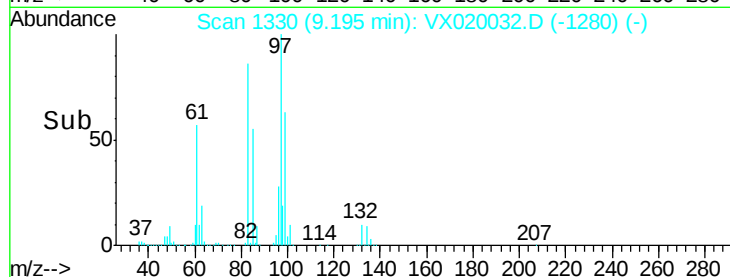
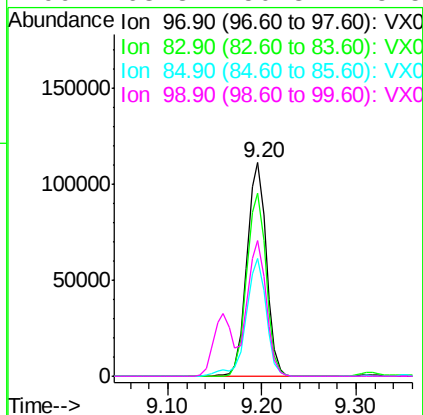
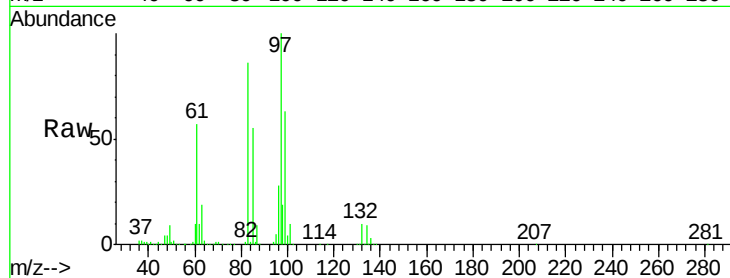




#55
 1,1,2-Trichloroethane
 Concen: 54.412 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

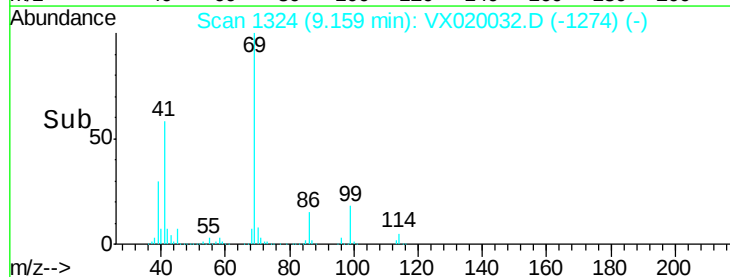
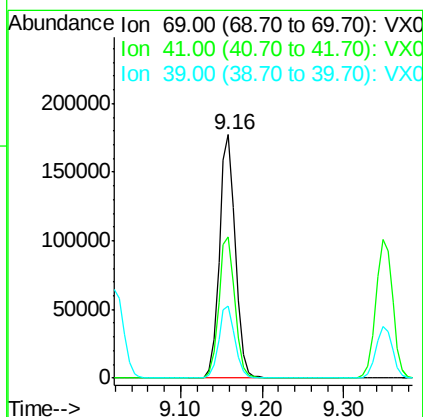
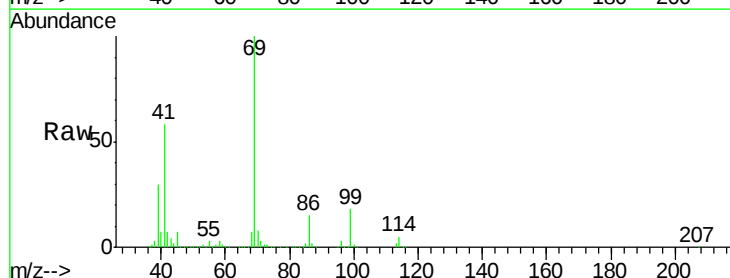
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

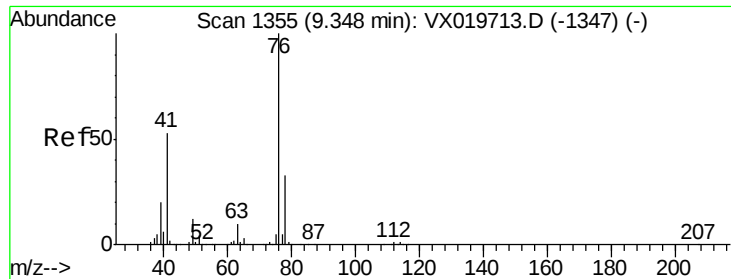
Tgt Ion: 97 Resp: 160625
 Ion Ratio Lower Upper
 97 100
 83 85.7 69.3 103.9
 85 55.2 44.3 66.5
 99 63.3 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 54.349 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion: 69 Resp: 242737
 Ion Ratio Lower Upper
 69 100
 41 59.0 46.8 70.2
 39 30.1 24.7 37.1

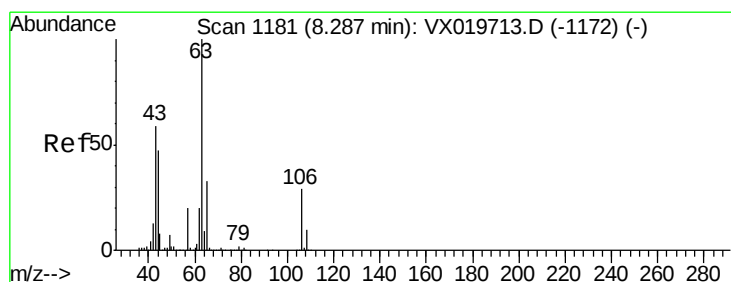
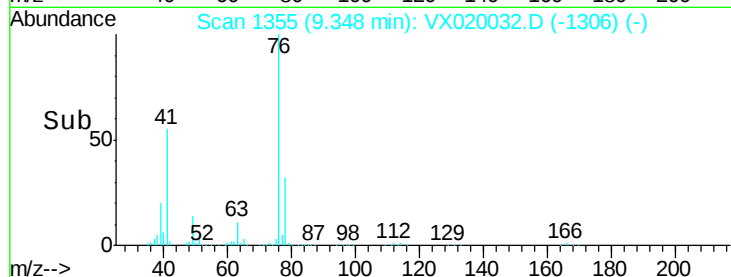
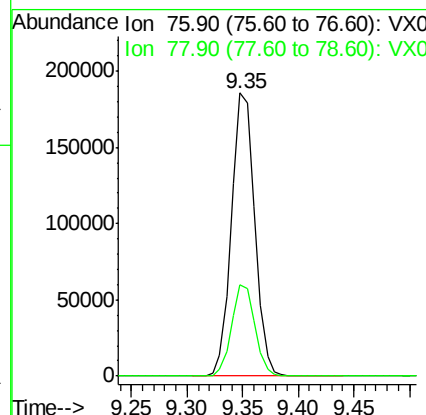
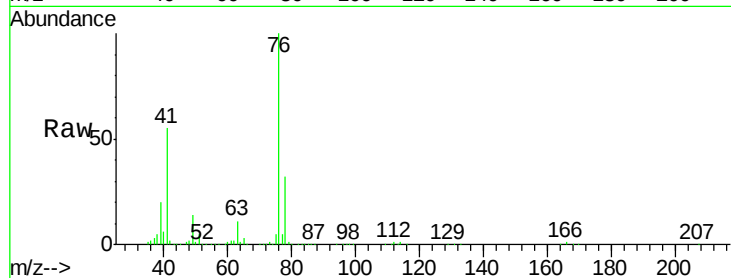




#57
 1,3-Dichloropropane
 Concen: 53.436 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

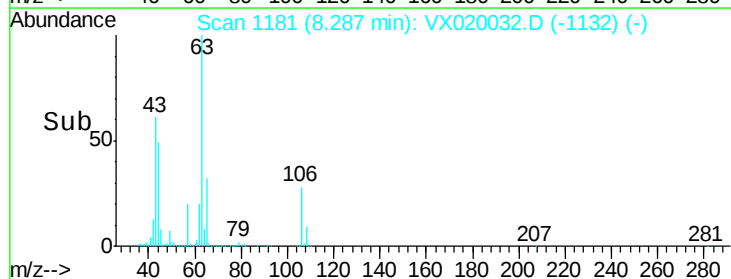
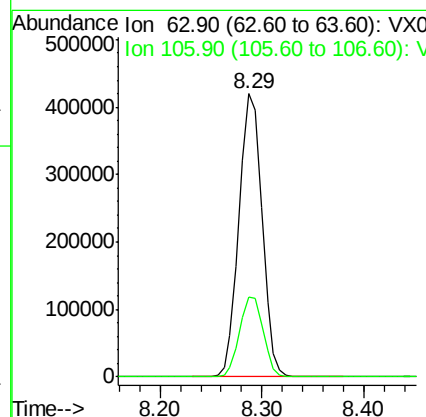
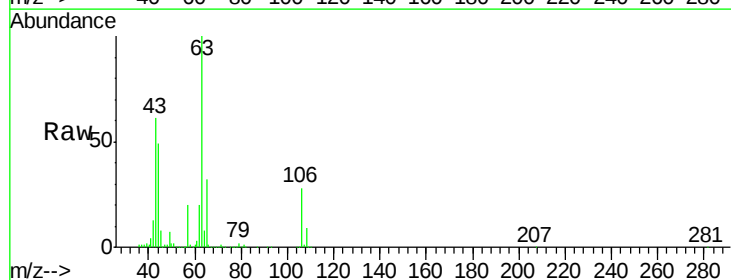
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

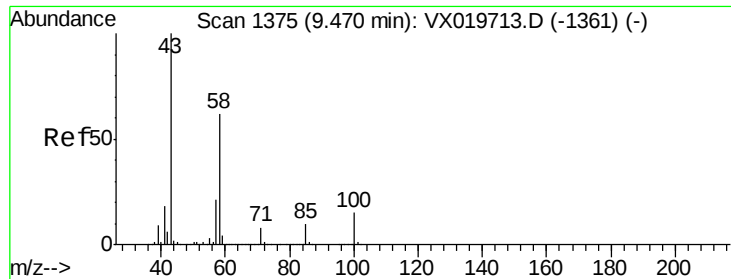
Tgt Ion: 76 Resp: 269347
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.584 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion: 63 Resp: 656777
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.5 35.3

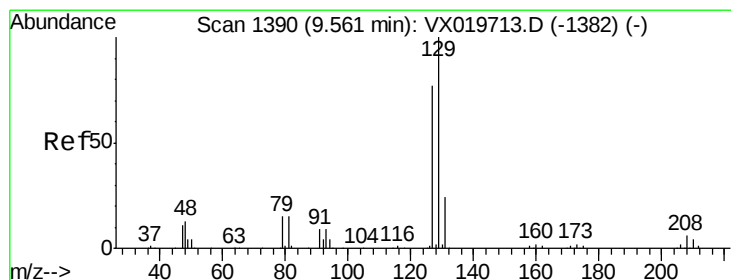
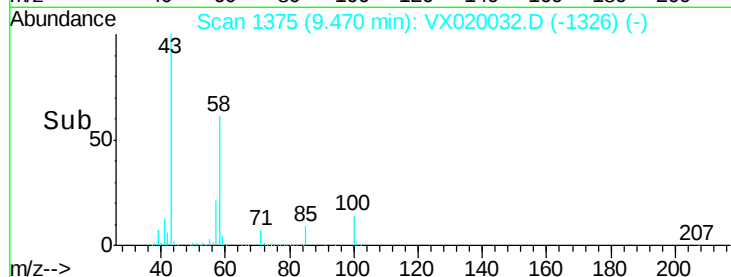
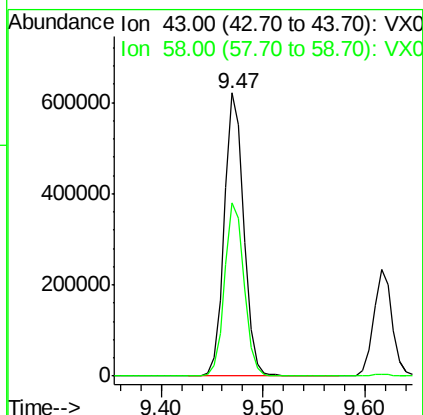
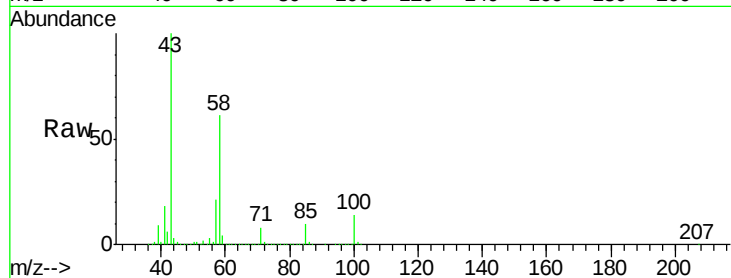




#59
2-Hexanone
Concen: 276.158 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

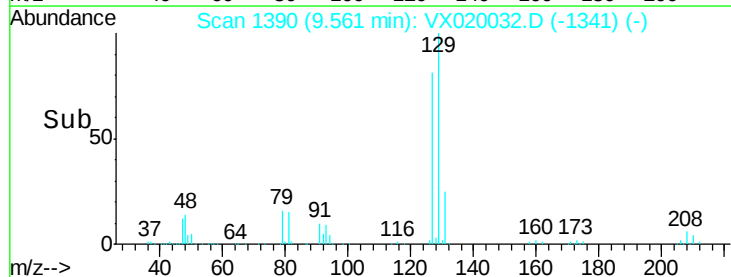
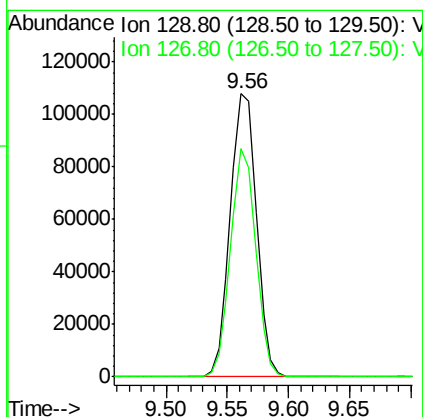
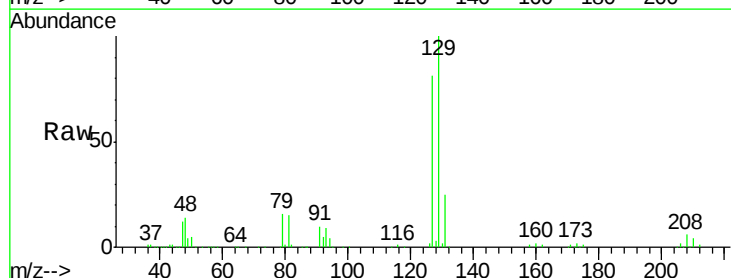
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

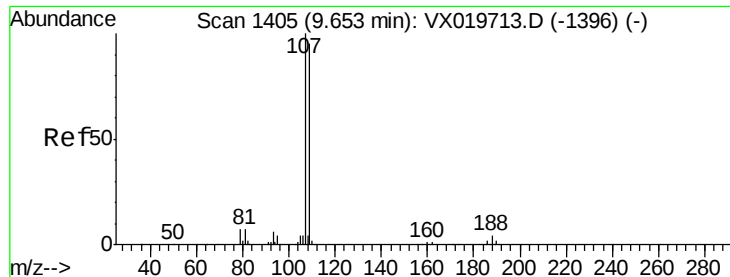
Tgt Ion: 43 Resp: 822540
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.8



#60
Dibromochloromethane
Concen: 53.523 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 129 Resp: 160527
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.132 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

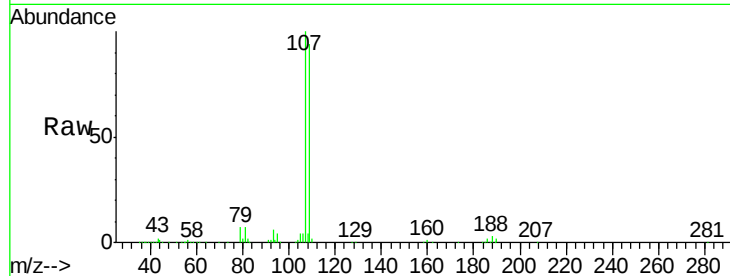
VSTDCCC050

Tgt Ion: 107 Resp: 163415

Ion Ratio Lower Upper

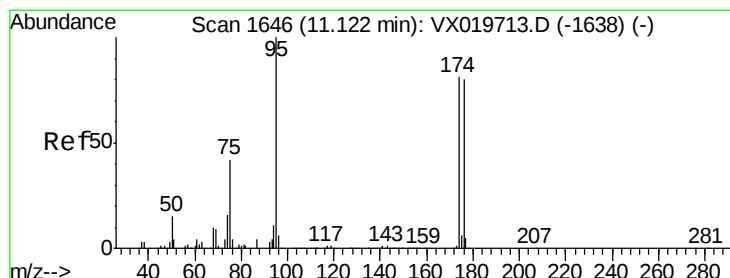
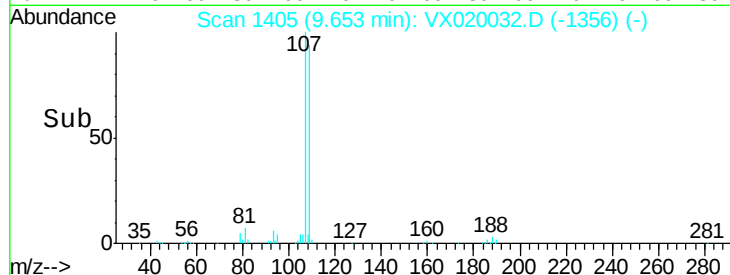
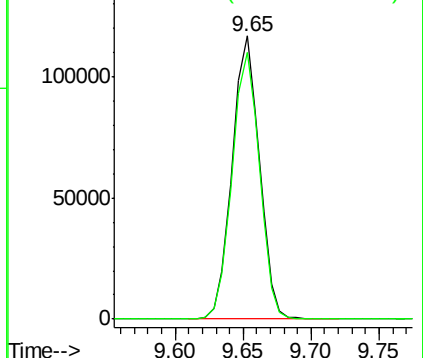
107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.216 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

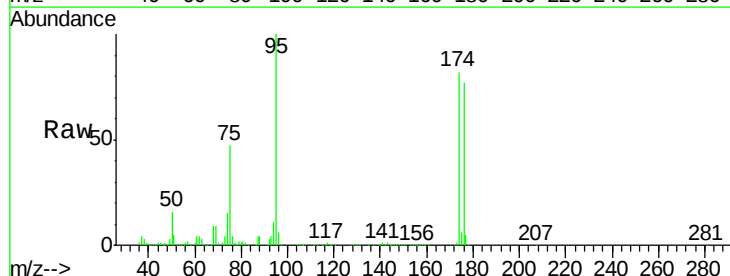
Tgt Ion: 95 Resp: 200095

Ion Ratio Lower Upper

95 100

174 78.0 0.0 154.6

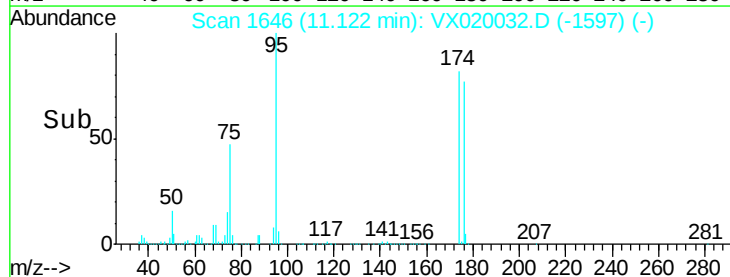
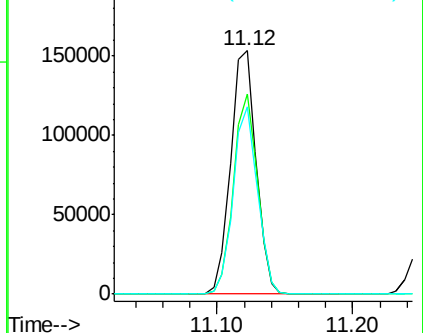
176 73.7 0.0 155.8

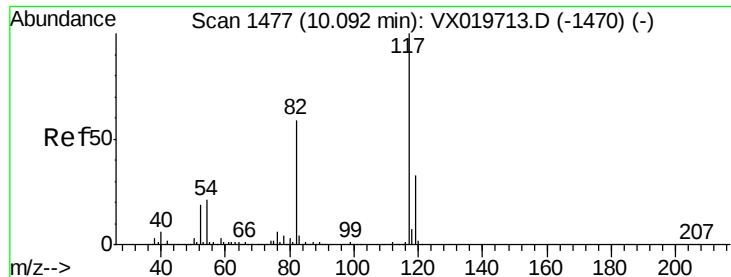


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

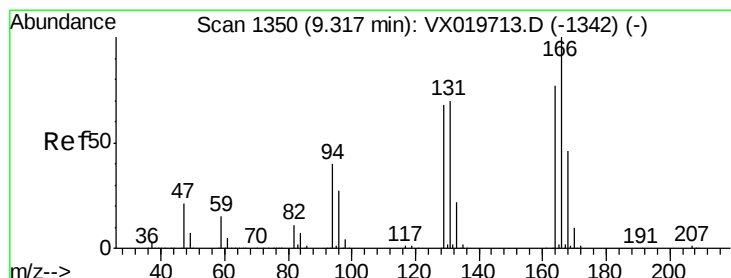
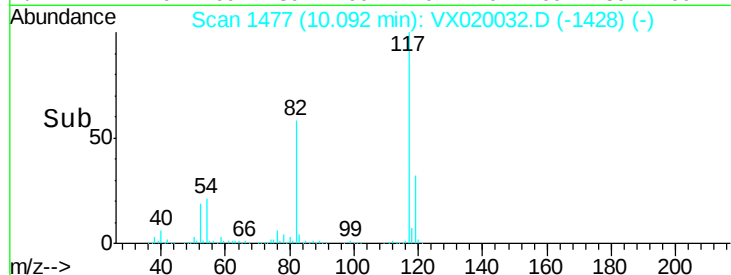
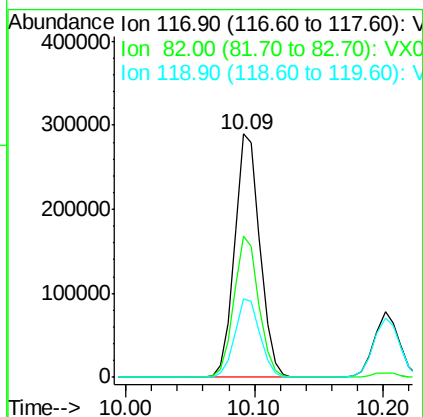
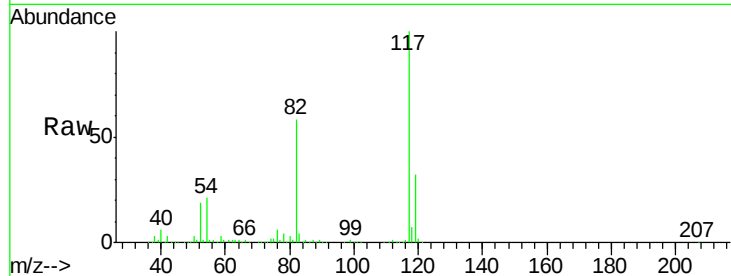




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

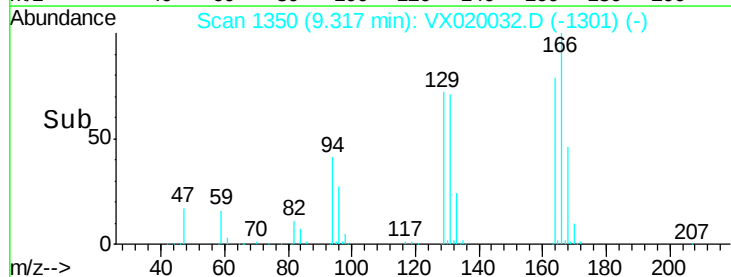
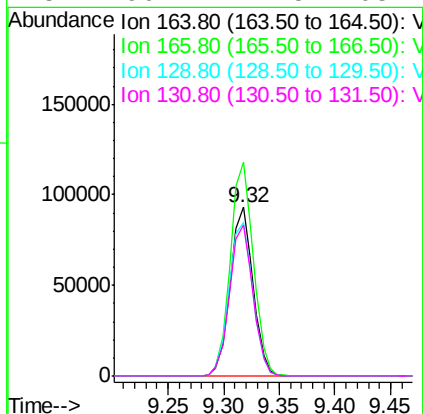
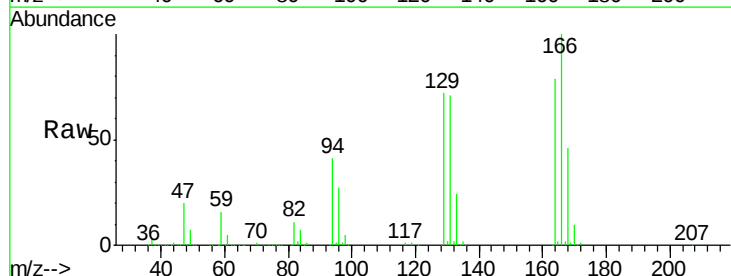
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

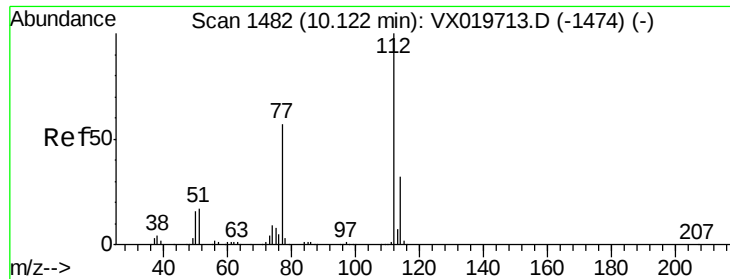
Tgt Ion:117 Resp: 395251
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 49.640 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion:164 Resp: 131578
Ion Ratio Lower Upper
164 100
166 126.9 103.4 155.2
129 91.6 70.8 106.2
131 90.1 72.5 108.7

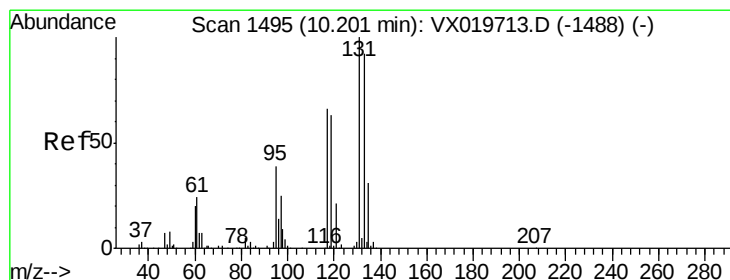
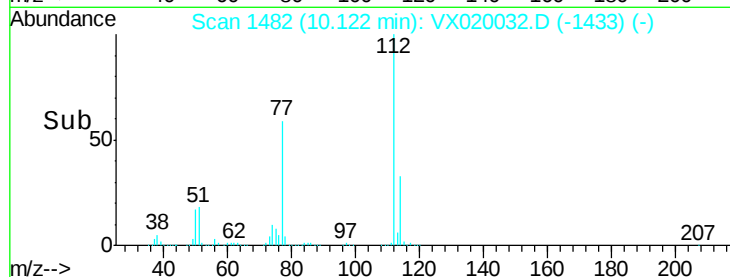
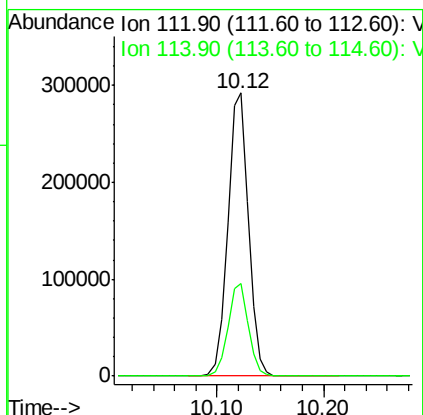
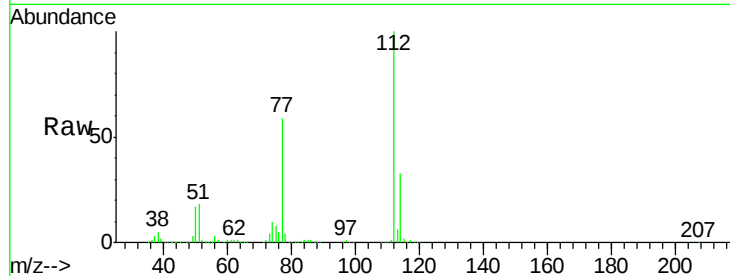




#65
Chlorobenzene
Concen: 50.309 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

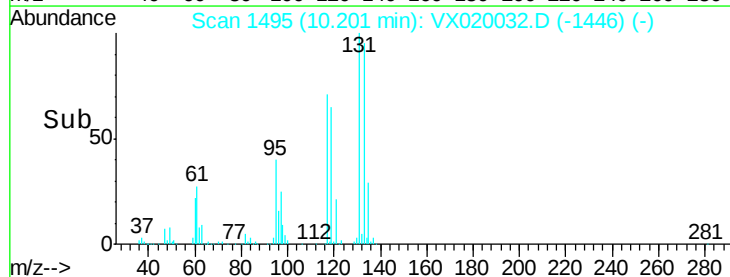
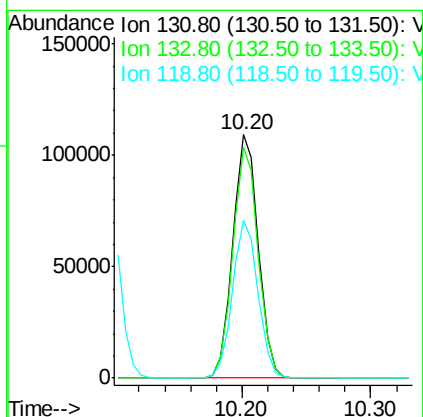
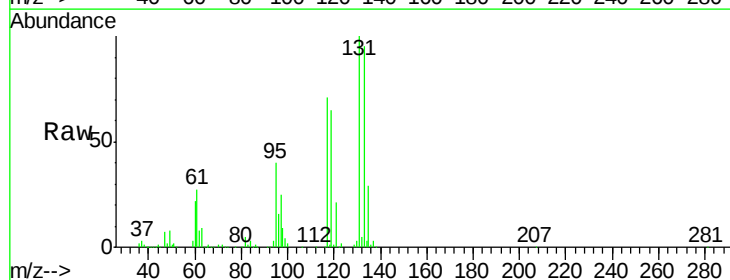
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

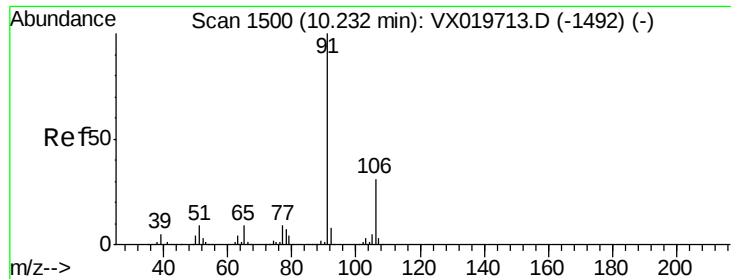
Tgt Ion:112 Resp: 396162
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.319 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion:131 Resp: 151120
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 64.8 32.1 96.5





#67

Ethyl Benzene

Concen: 51.022 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

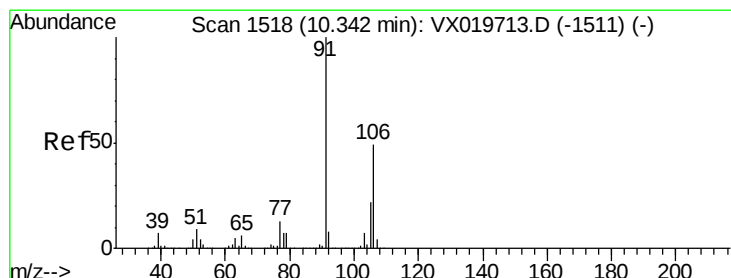
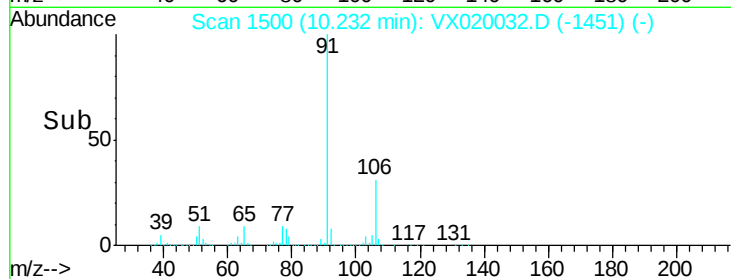
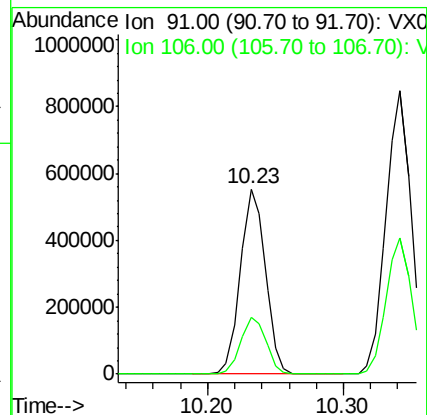
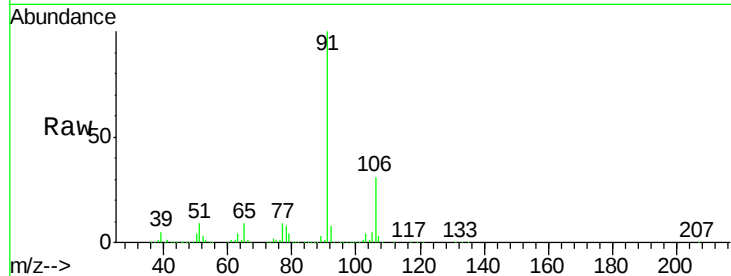
VSTDCCC050

Tgt Ion: 91 Resp: 713167

Ion Ratio Lower Upper

91 100

106 30.8 24.6 37.0



#68

m/p-Xylenes

Concen: 101.366 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX020032.D

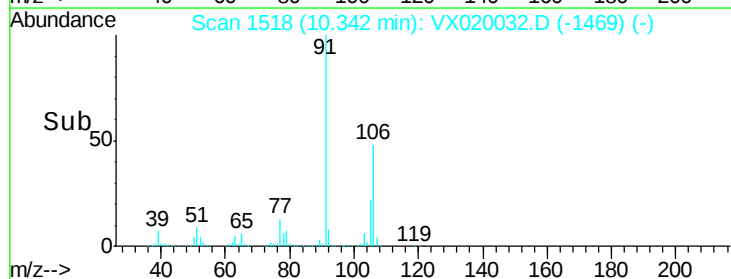
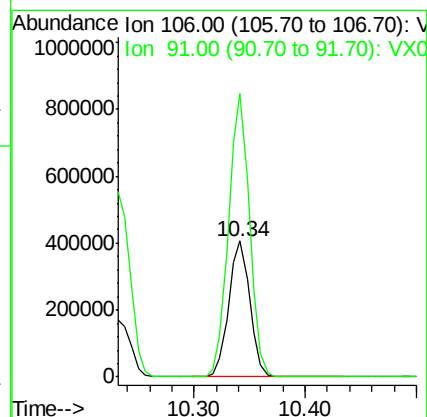
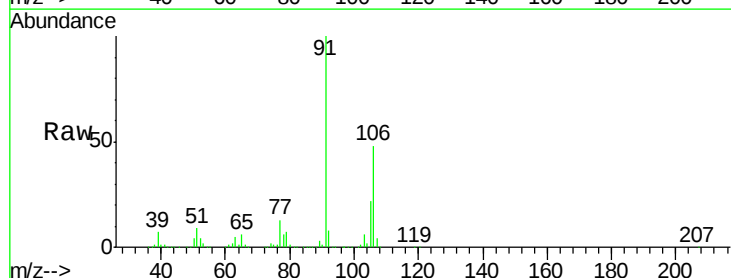
Acq: 15 Dec 2020 23:33

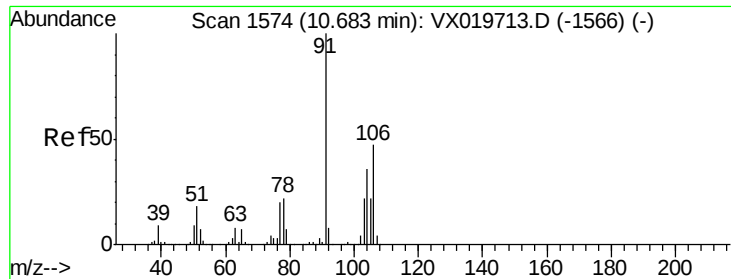
Tgt Ion: 106 Resp: 533891

Ion Ratio Lower Upper

106 100

91 206.2 162.8 244.2

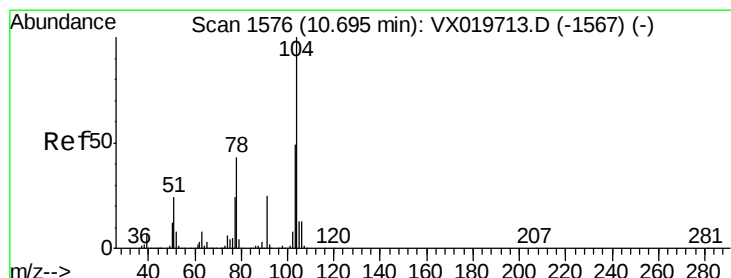
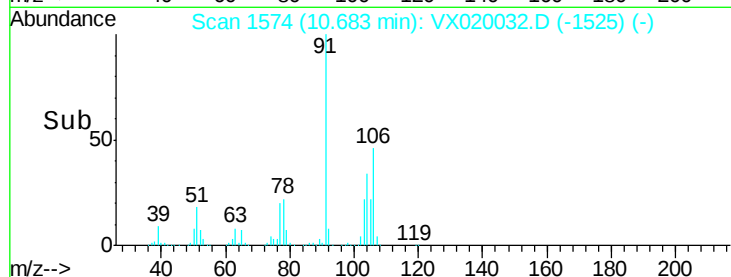
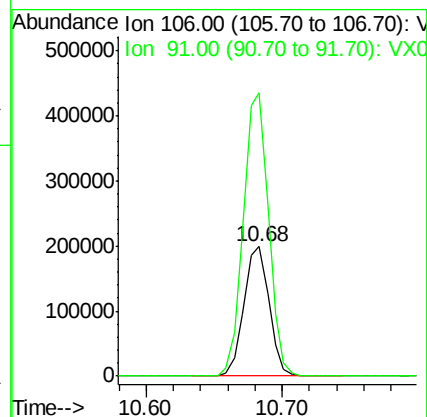
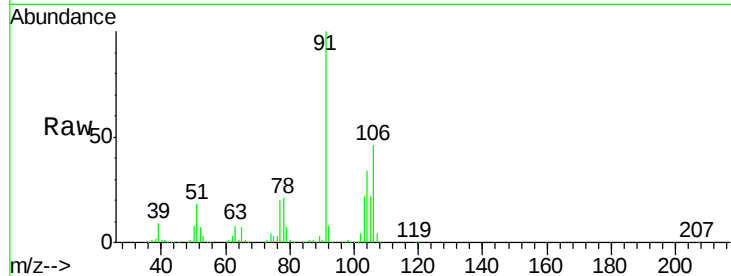




#69
o-Xylene
Concen: 50.823 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

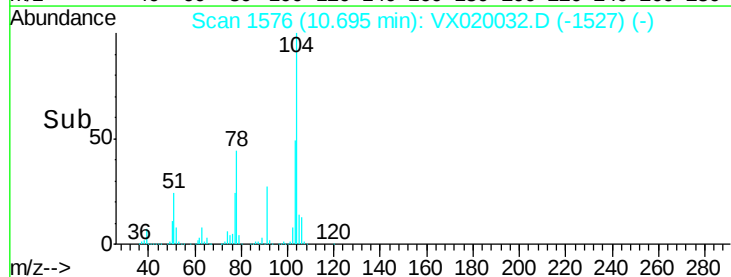
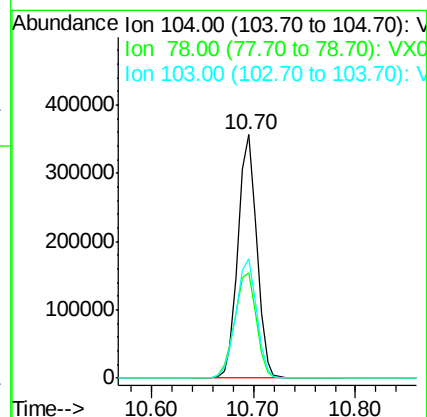
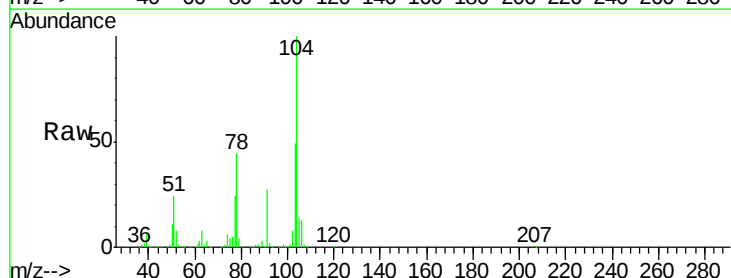
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

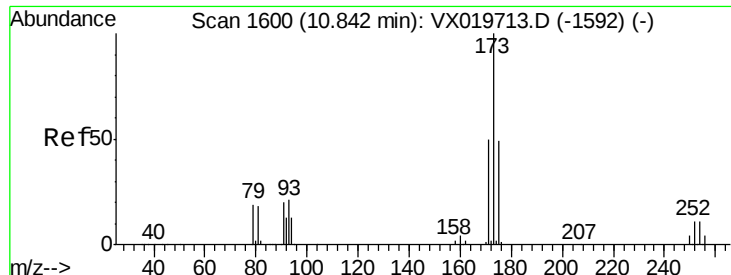
Tgt Ion:106 Resp: 257494
Ion Ratio Lower Upper
106 100
91 218.5 108.1 324.2



#70
Styrene
Concen: 52.777 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion:104 Resp: 451331
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 53.355 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

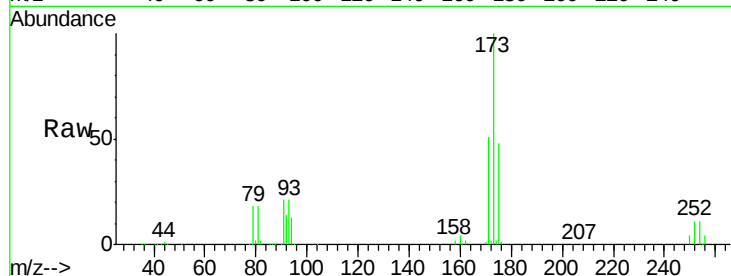
Tgt Ion:173 Resp: 118963

Ion Ratio Lower Upper

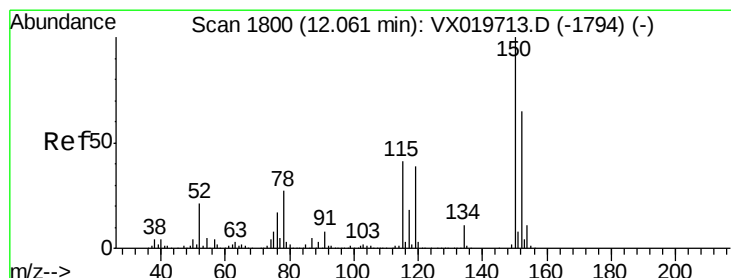
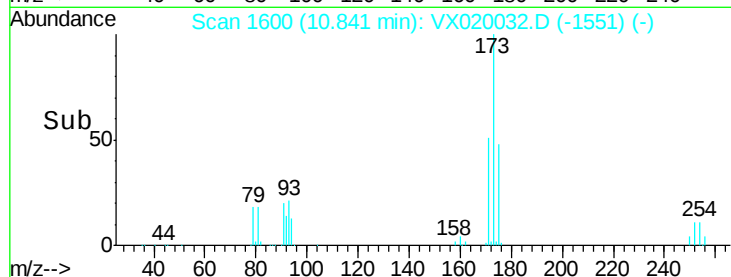
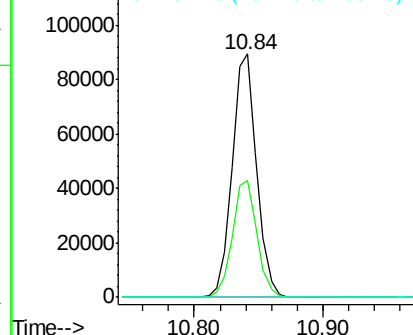
173 100

175 48.3 23.9 71.8

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: VX020032.D

Acq: 15 Dec 2020 23:33

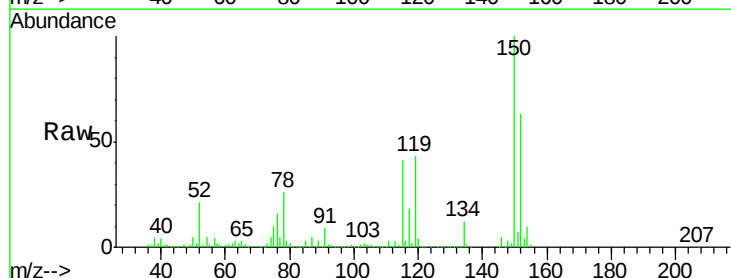
Tgt Ion:152 Resp: 195805

Ion Ratio Lower Upper

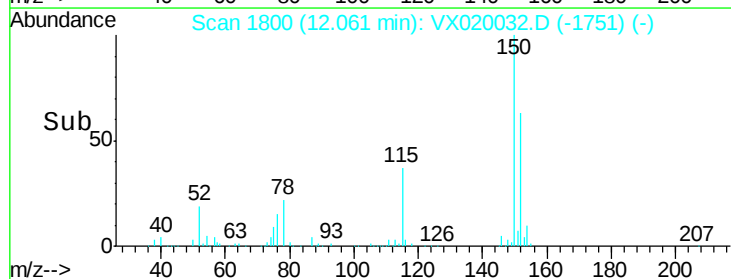
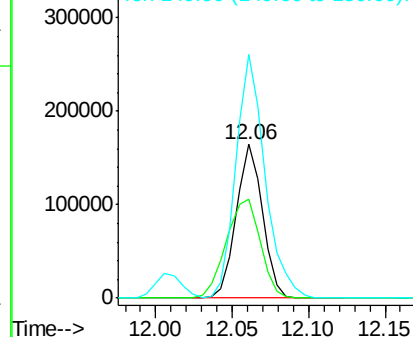
152 100

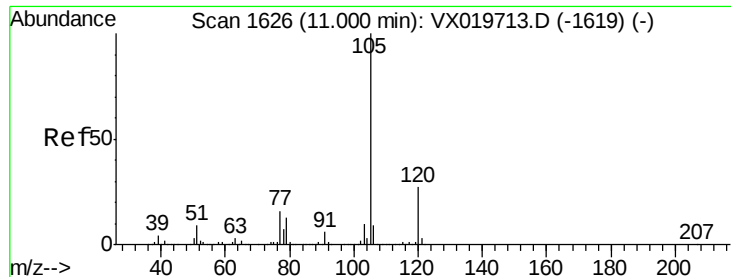
115 83.6 41.1 123.3

150 175.6 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.749 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

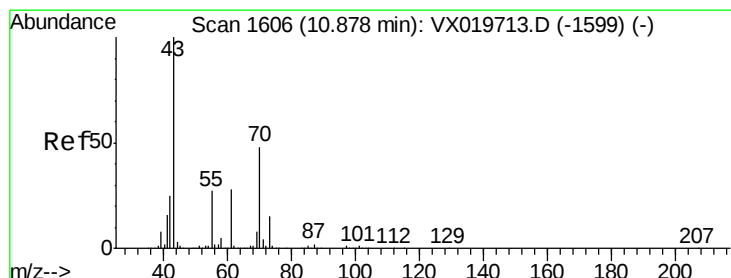
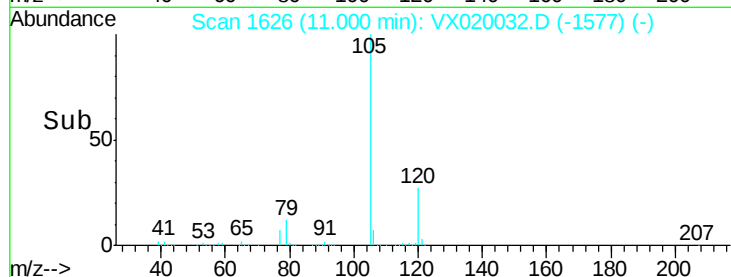
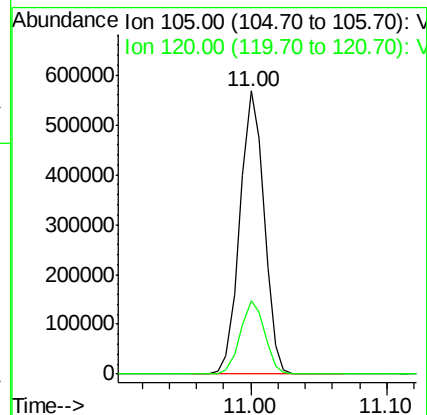
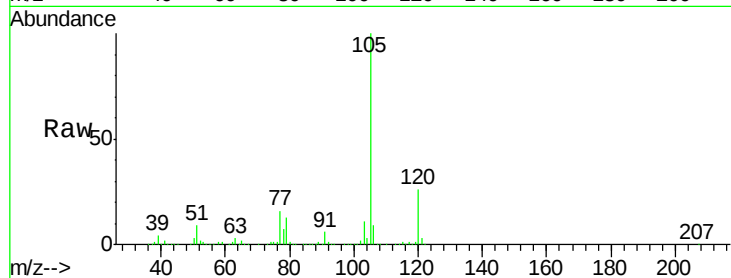
VSTDCCC050

Tgt Ion: 105 Resp: 705647

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 54.254 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Tgt Ion: 43 Resp: 290849

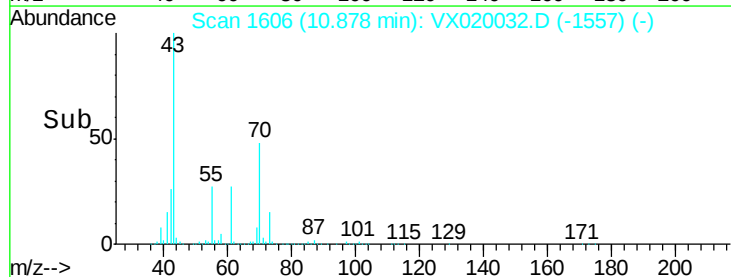
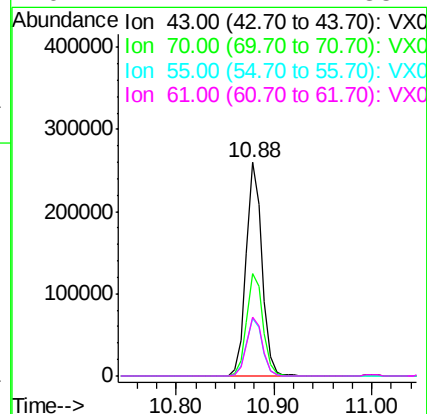
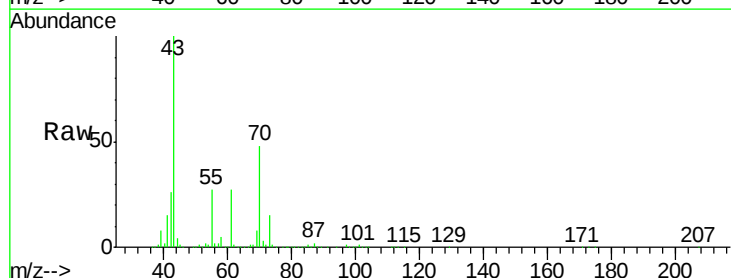
Ion Ratio Lower Upper

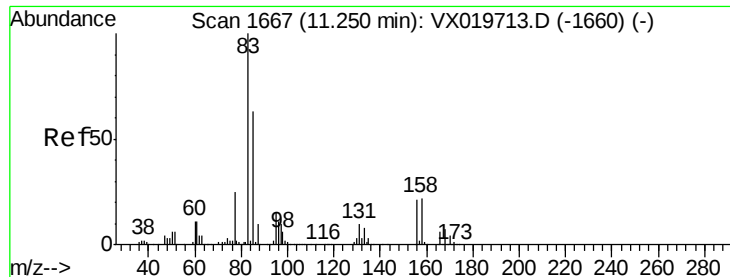
43 100

70 49.4 39.0 58.6

55 27.8 21.5 32.3

61 27.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.261 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

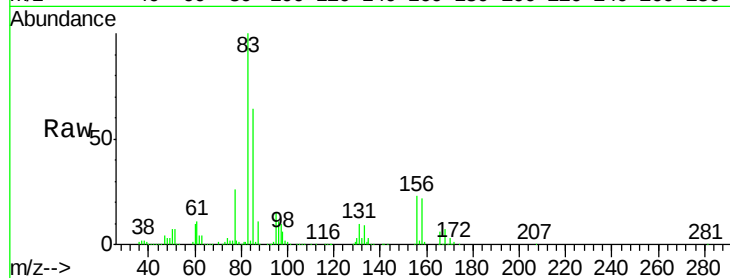
Tgt Ion: 83 Resp: 255913

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

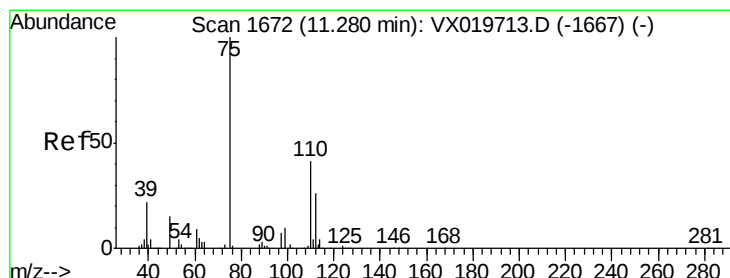
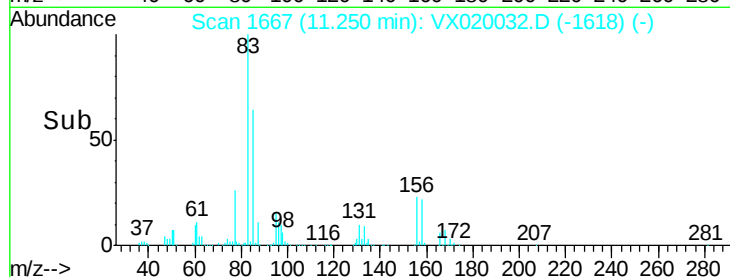
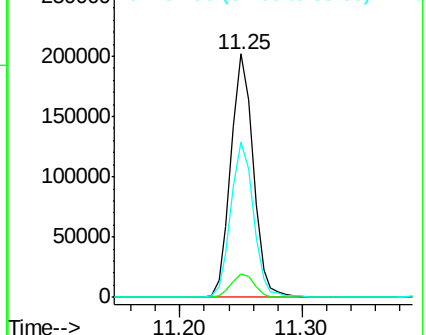
85 64.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.553 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020032.D

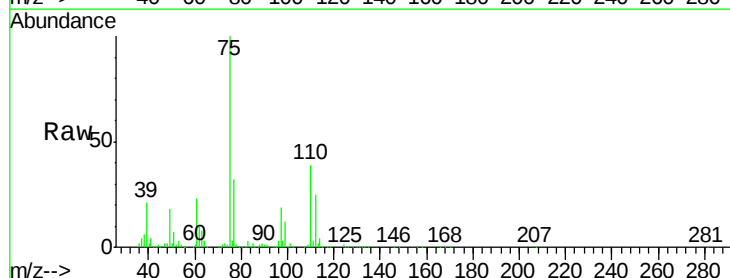
Acq: 15 Dec 2020 23:33

Tgt Ion: 75 Resp: 292270

Ion Ratio Lower Upper

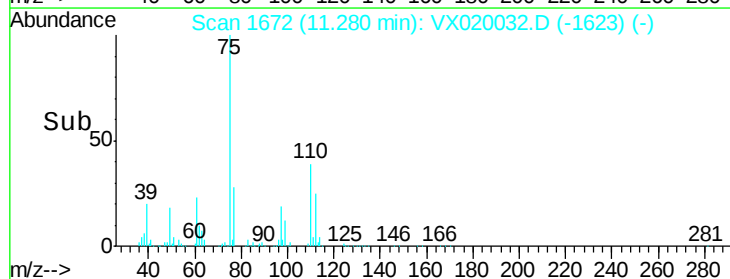
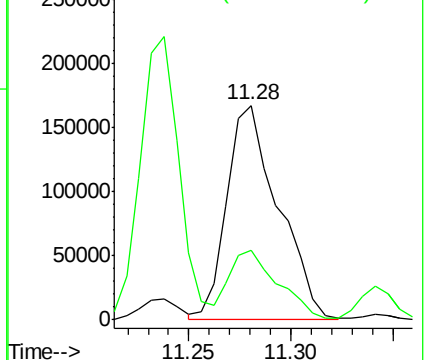
75 100

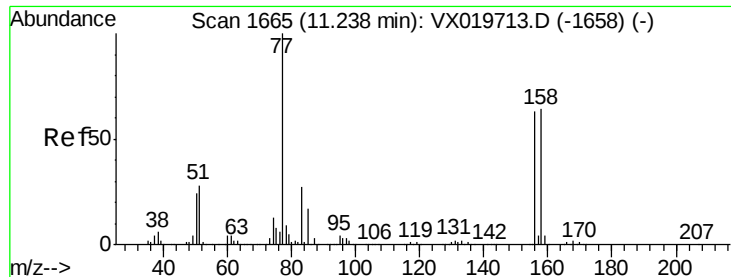
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.177 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

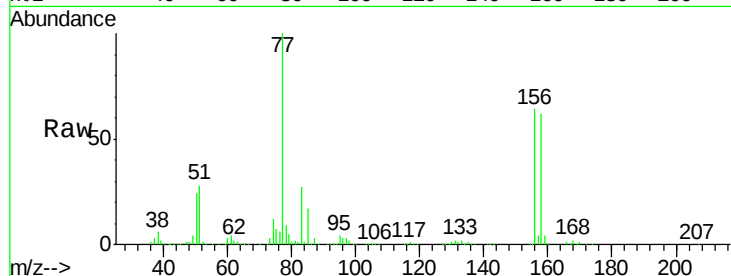
Tgt Ion:156 Resp: 178623

Ion Ratio Lower Upper

156 100

77 163.4 82.8 248.6

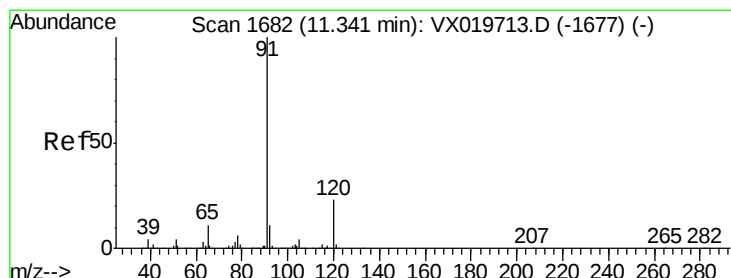
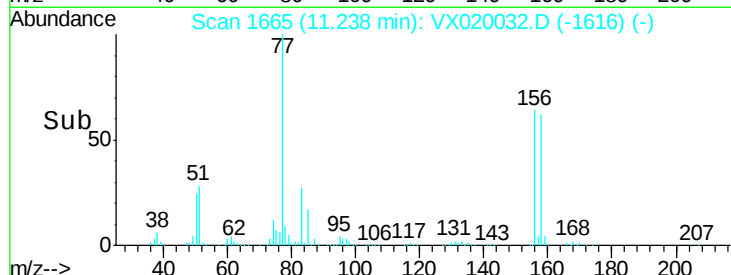
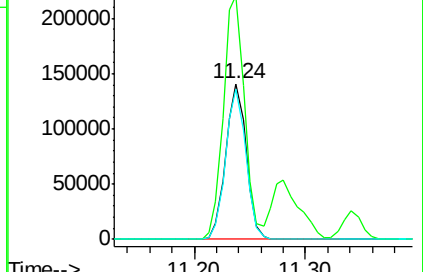
158 96.3 49.1 147.4



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: 52.276 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020032.D

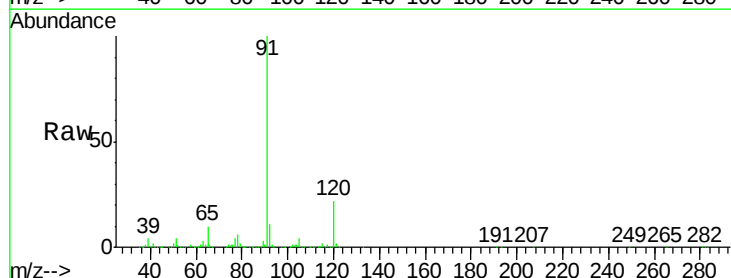
Acq: 15 Dec 2020 23:33

Tgt Ion: 91 Resp: 798716

Ion Ratio Lower Upper

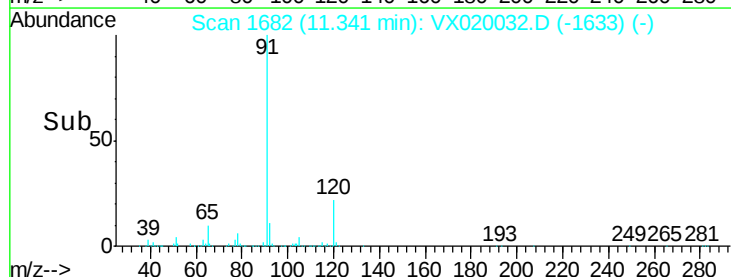
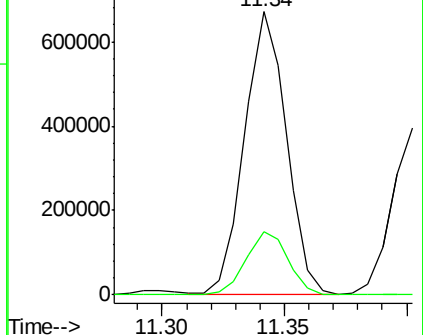
91 100

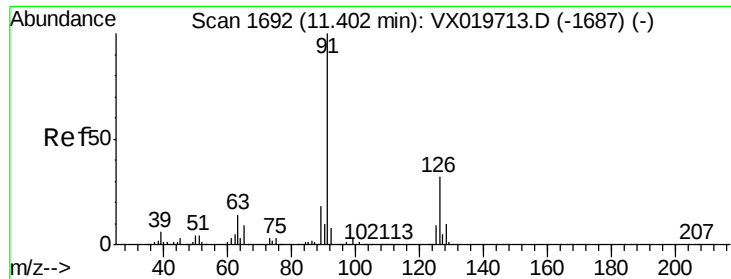
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

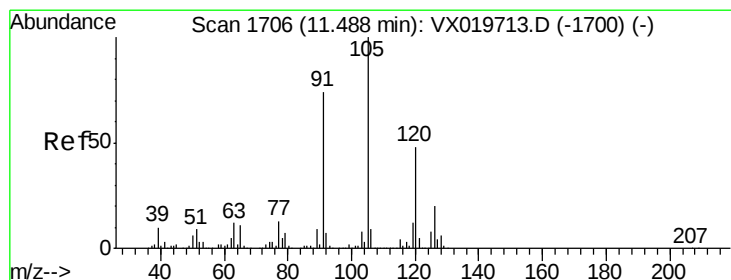
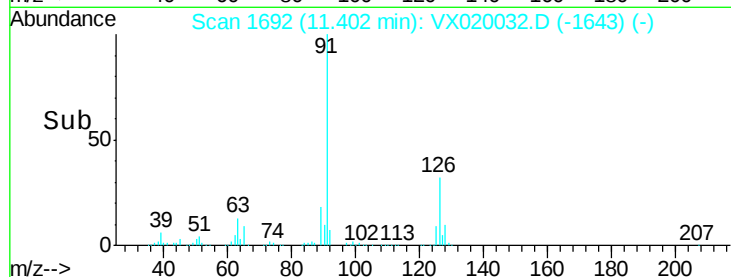
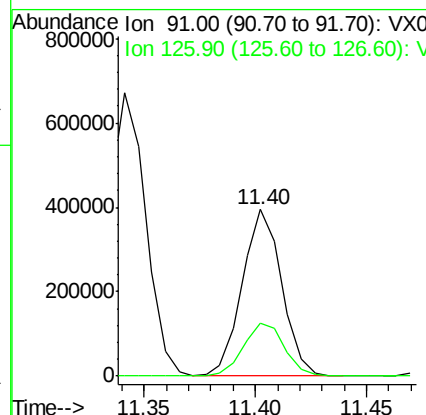
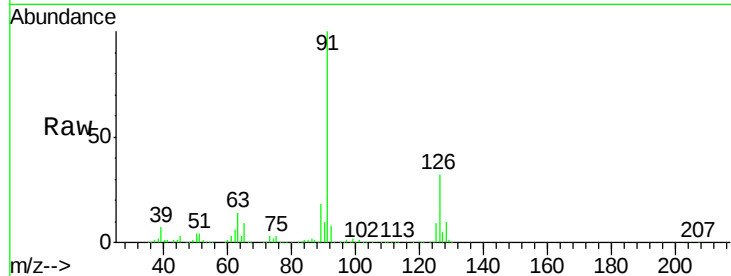




#79
2-Chlorotoluene
Concen: 51.645 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

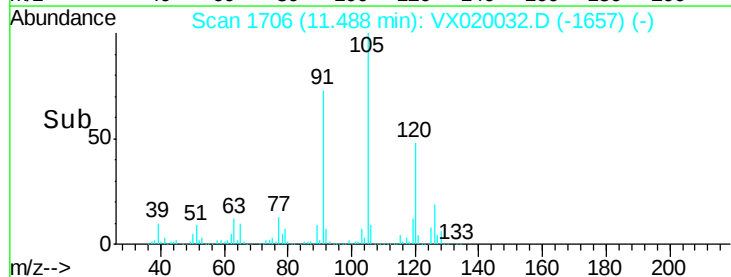
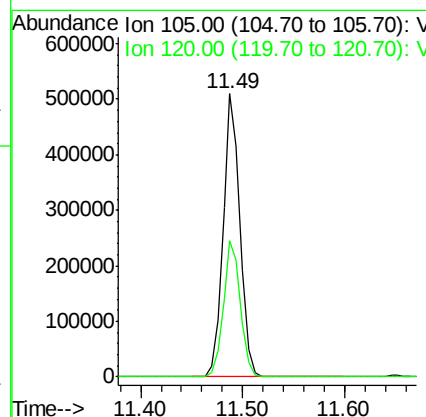
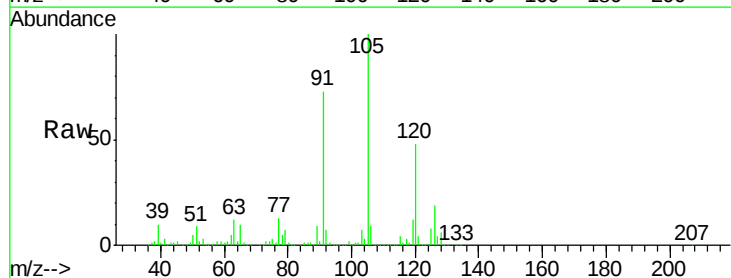
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

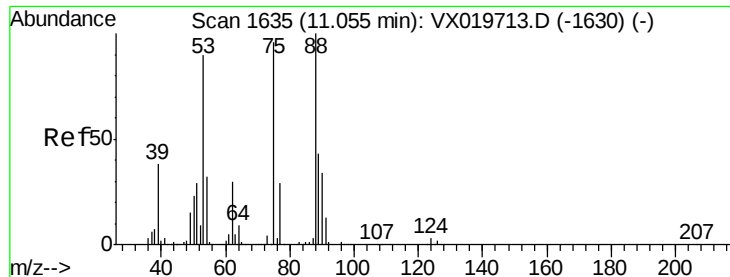
Tgt Ion: 91 Resp: 485934
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 52.013 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 105 Resp: 587225
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 50.532 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX020032.D

Acq: 15 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

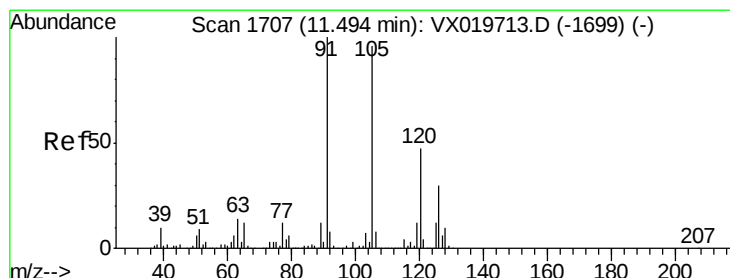
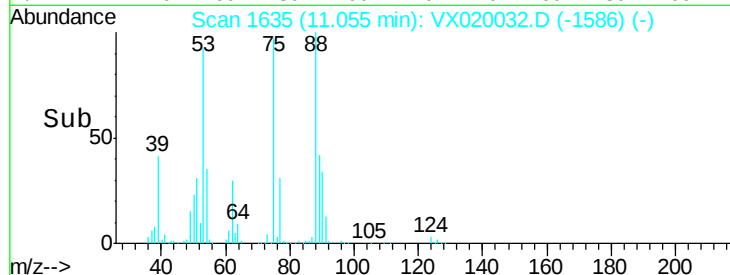
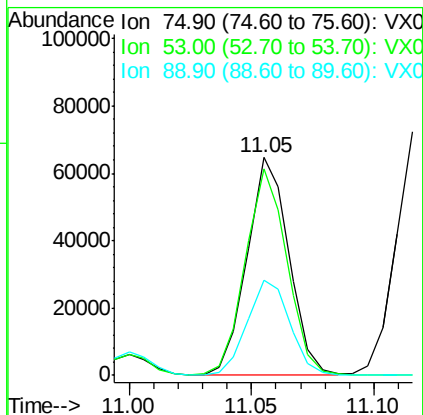
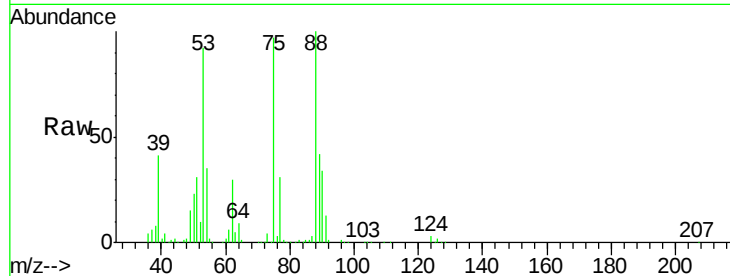
Tgt Ion: 75 Resp: 76766

Ion Ratio Lower Upper

75 100

53 94.8 74.5 111.7

89 45.1 37.9 56.9



#82

4-Chlorotoluene

Concen: 51.970 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX020032.D

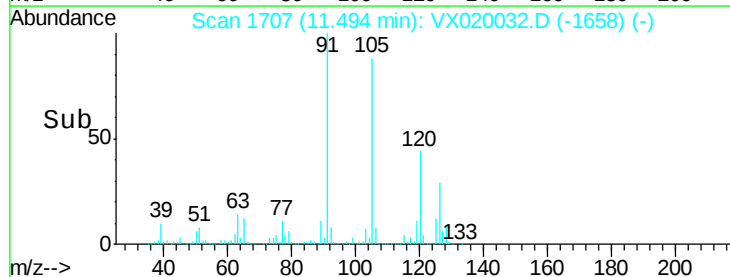
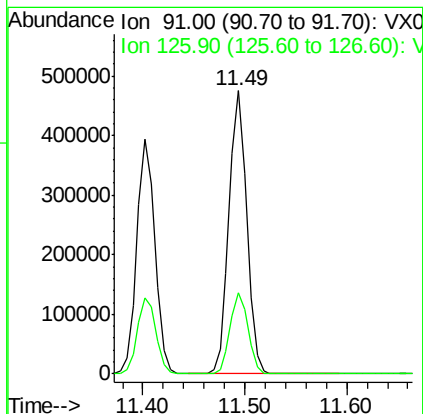
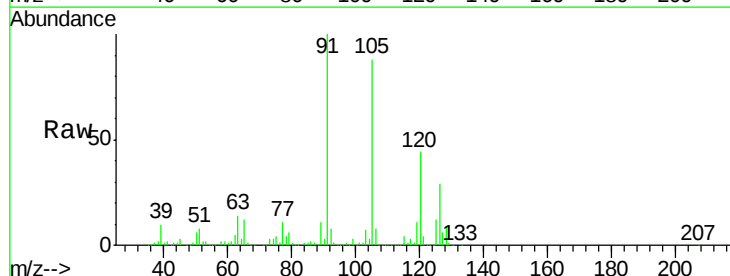
Acq: 15 Dec 2020 23:33

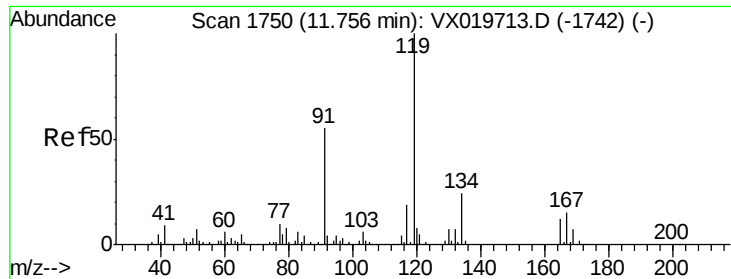
Tgt Ion: 91 Resp: 572695

Ion Ratio Lower Upper

91 100

126 28.7 14.9 44.5

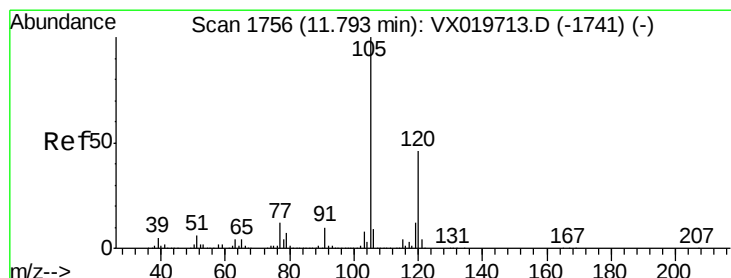
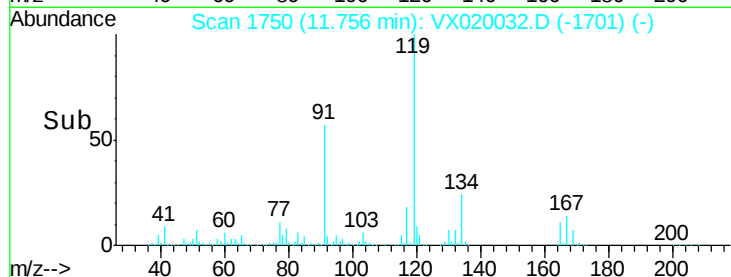
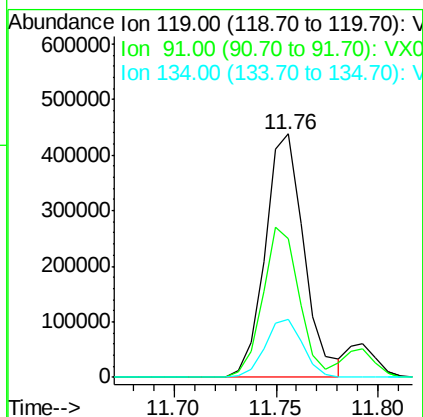
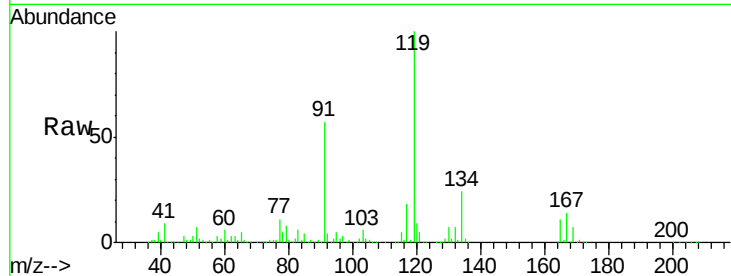




#83
 tert-Butylbenzene
 Concen: 52.458 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

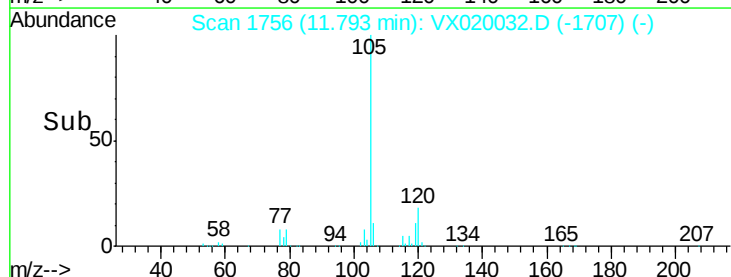
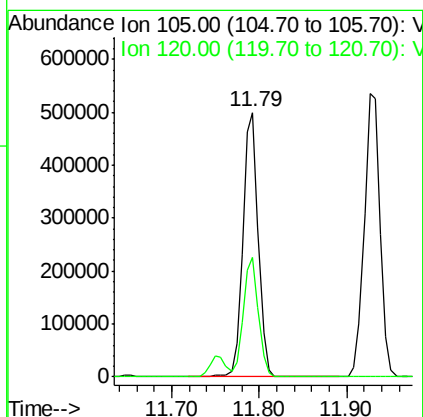
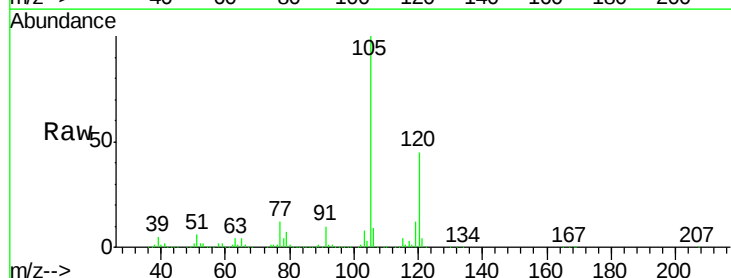
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

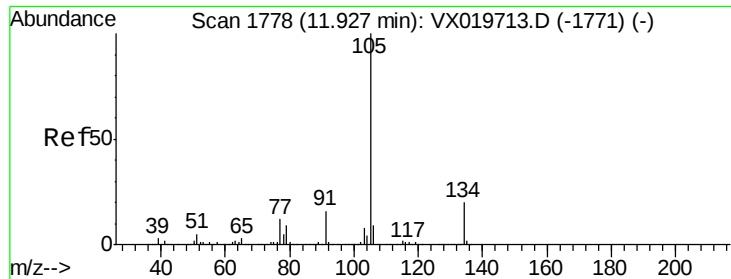
Tgt Ion:119 Resp: 580851
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.9 83.7
 134 23.2 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.469 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion:105 Resp: 608087
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

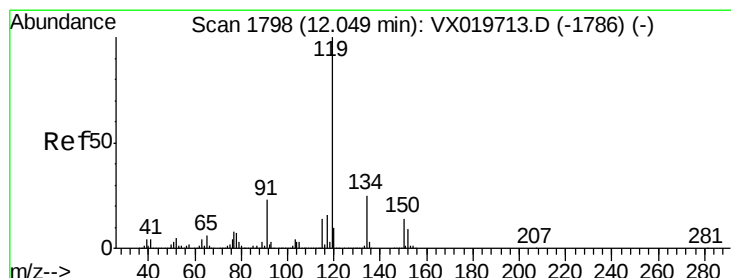
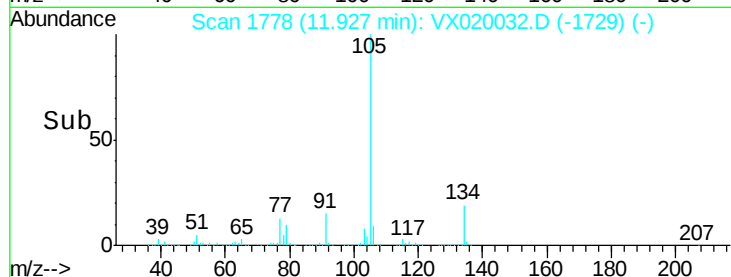
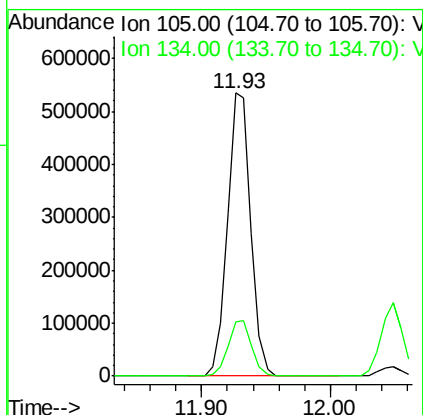
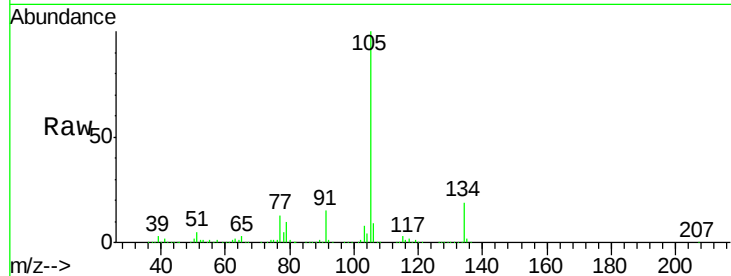




#85
 sec-Butylbenzene
 Concen: 53.566 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

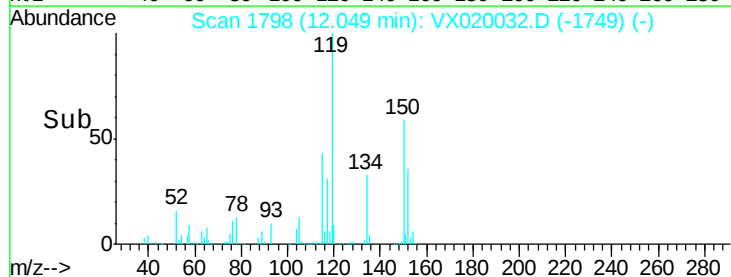
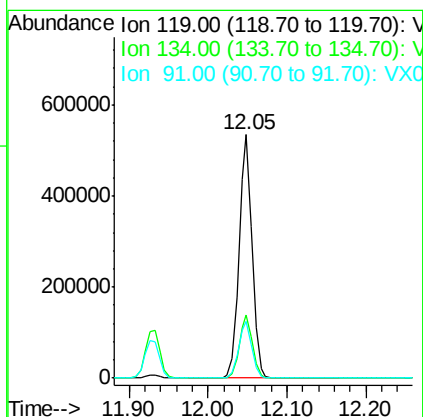
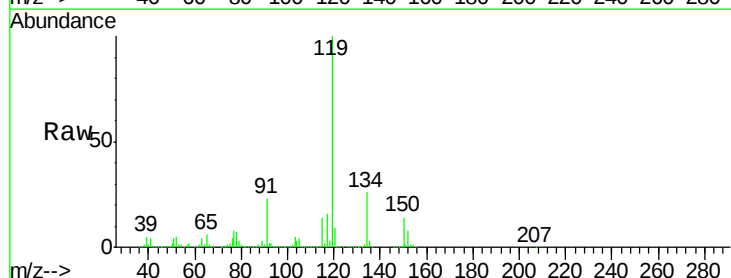
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

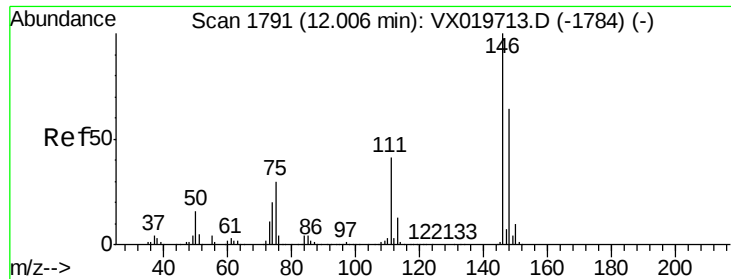
Tgt Ion:105 Resp: 677185
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 52.738 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion:119 Resp: 611034
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 23.7 11.7 35.0

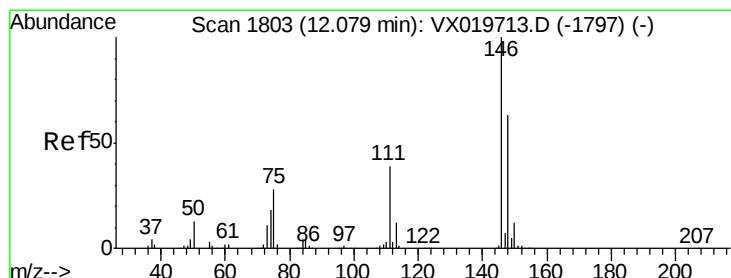
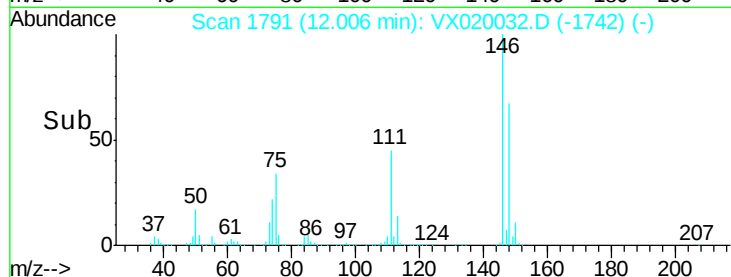
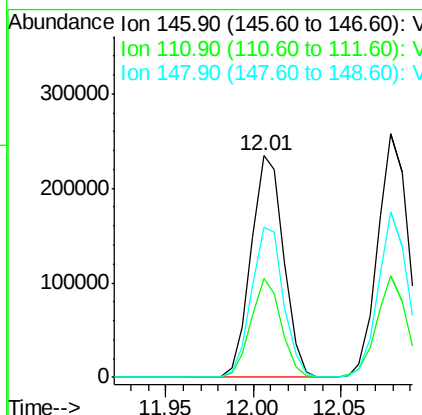
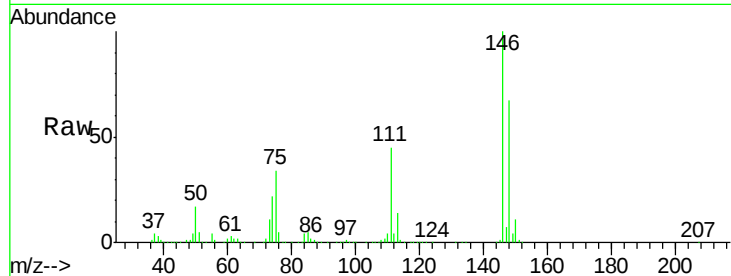




#87
 1,3-Dichlorobenzene
 Concen: 48.311 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

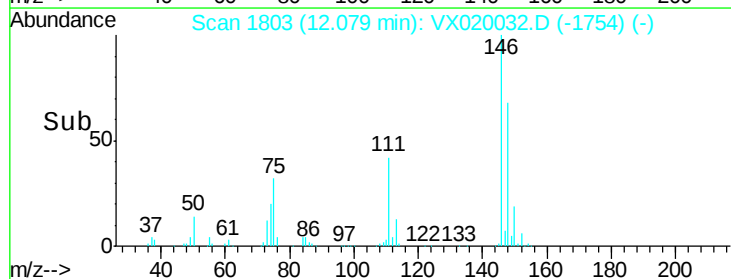
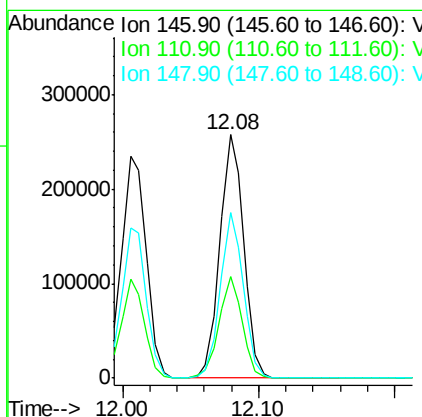
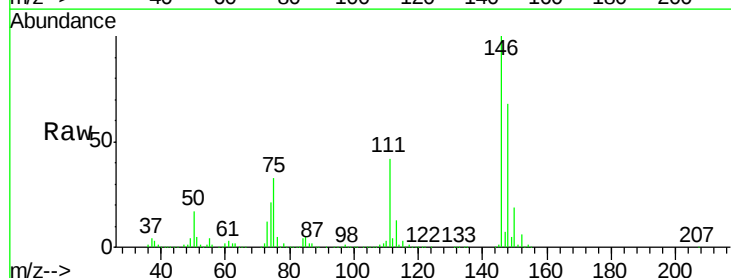
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

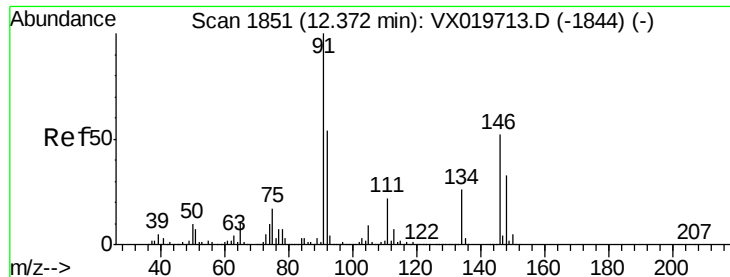
Tgt Ion:146 Resp: 303551
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.2 60.5
 148 66.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.762 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX020032.D
 Acq: 15 Dec 2020 23:33

Tgt Ion:146 Resp: 312055
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.8
 148 65.6 31.6 95.0

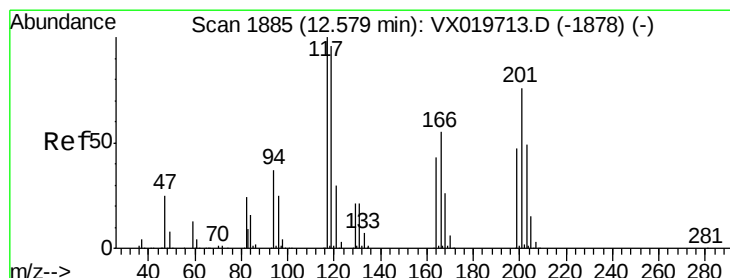
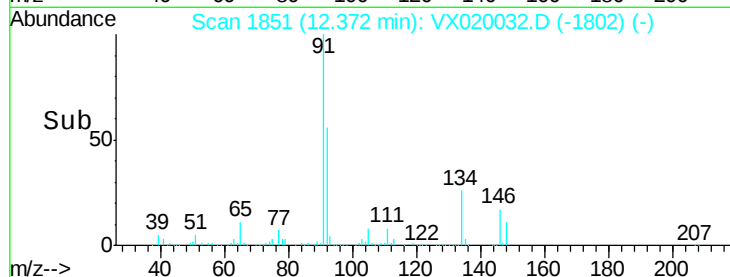
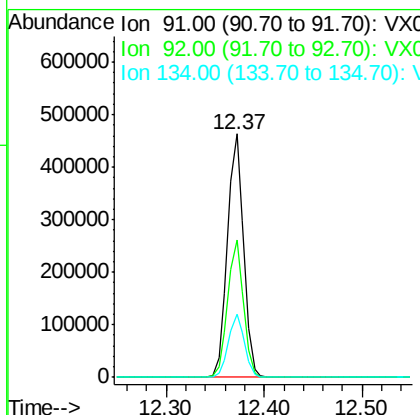
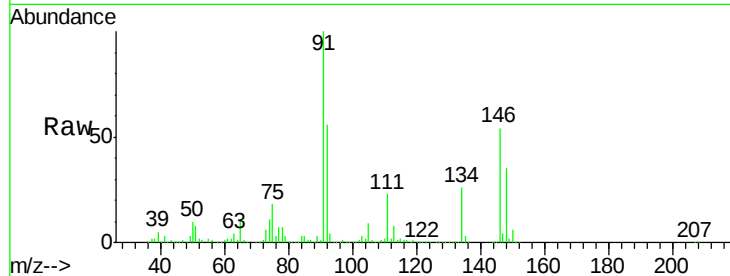




#89
n-Butylbenzene
Concen: 51.566 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

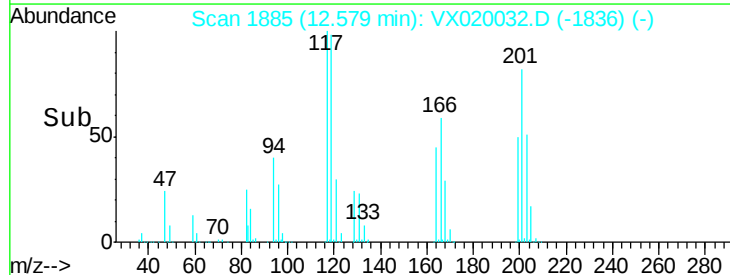
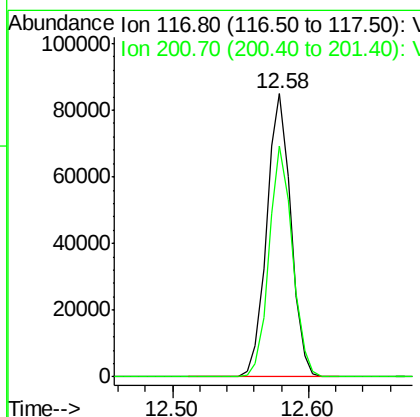
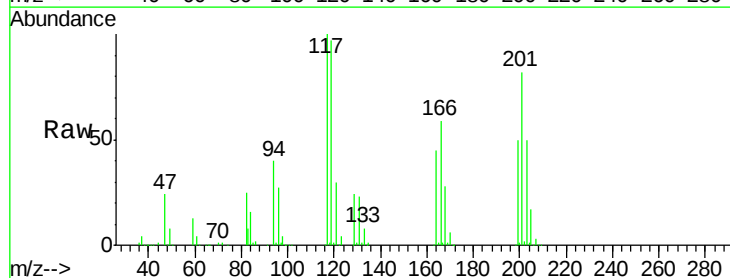
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

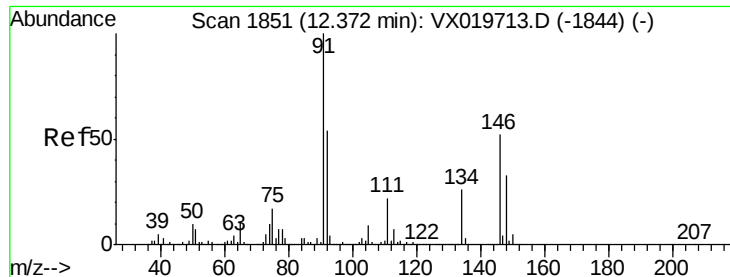
Tgt Ion: 91 Resp: 529323
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.0
134 25.8 13.2 39.5



#90
Hexachloroethane
Concen: 53.087 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 117 Resp: 106189
Ion Ratio Lower Upper
117 100
201 78.9 40.4 121.2

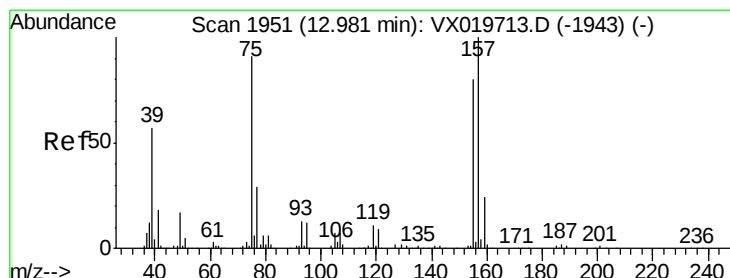
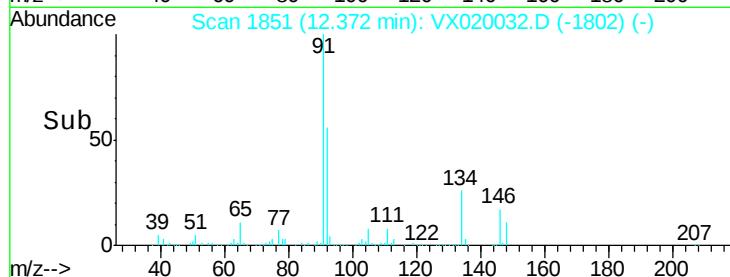
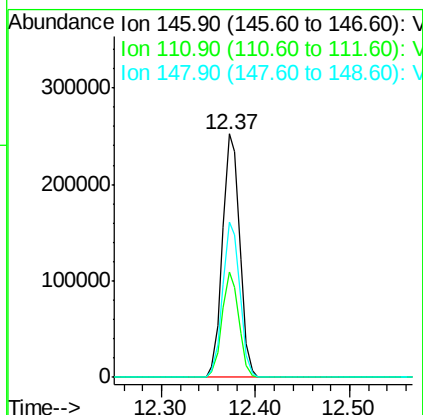
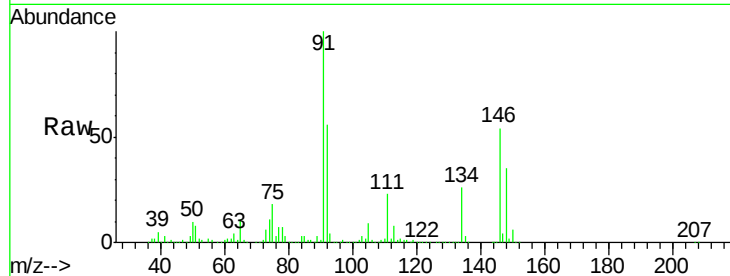




#91
1,2-Dichlorobenzene
Concen: 52.301 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

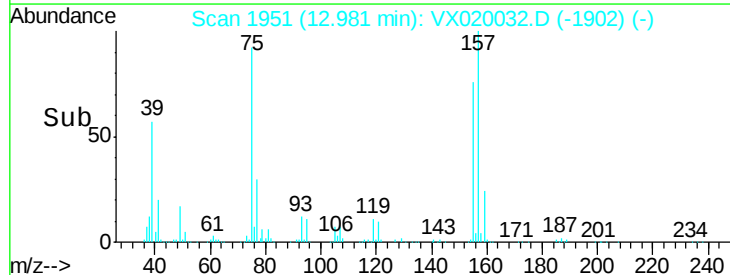
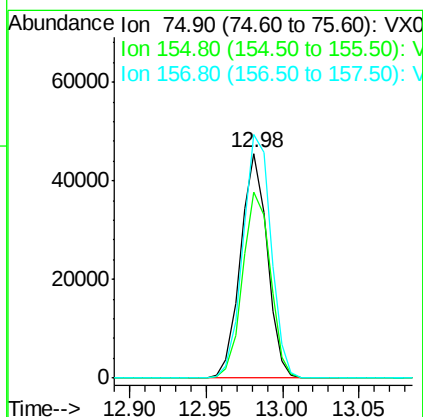
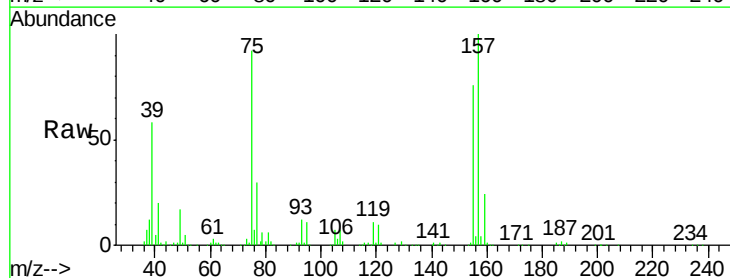
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

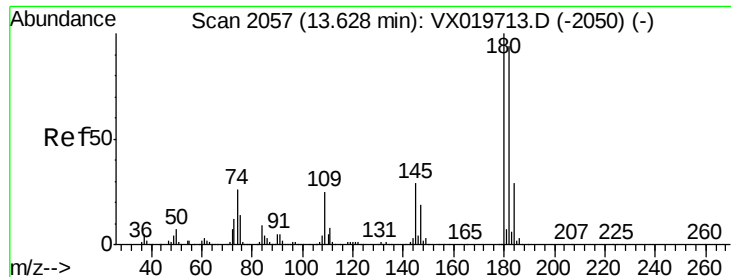
Tgt Ion:146 Resp: 320345
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.2
148 63.6 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.454 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion: 75 Resp: 55211
Ion Ratio Lower Upper
75 100
155 85.7 45.3 135.9
157 113.9 57.7 173.1

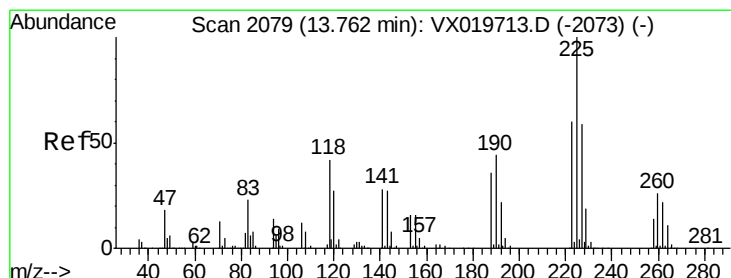
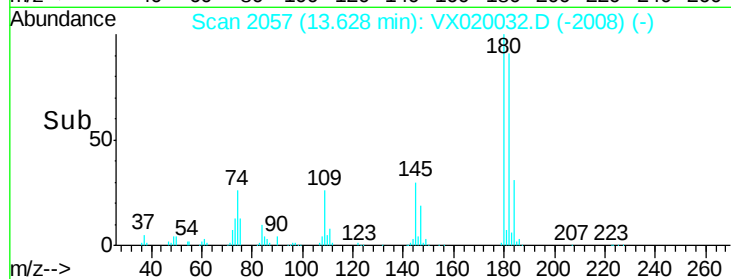
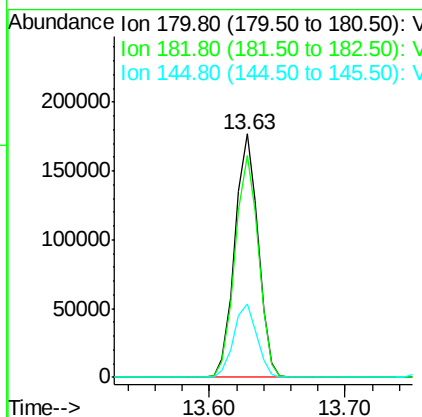
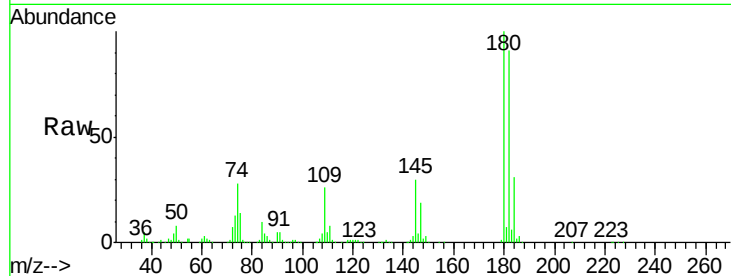




#93
1,2,4-Trichlorobenzene
Concen: 52.757 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

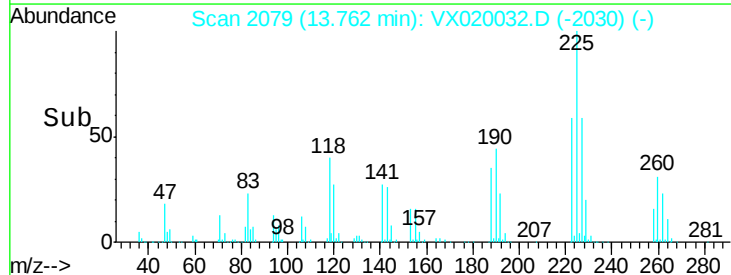
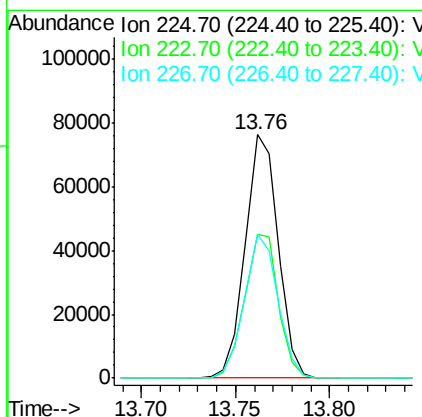
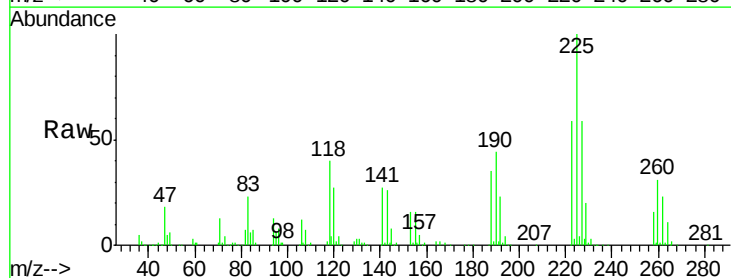
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

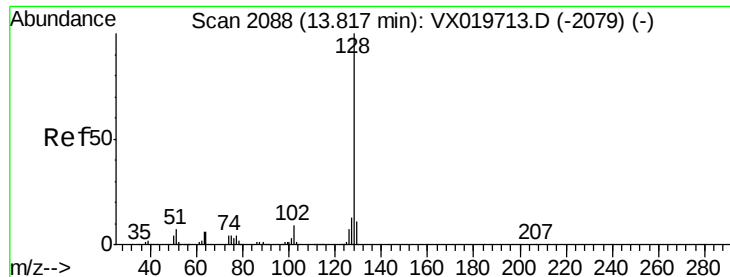
Tgt Ion:180 Resp: 210349
Ion Ratio Lower Upper
180 100
182 92.2 47.7 143.1
145 30.0 15.0 45.0



#94
Hexachlorobutadiene
Concen: 52.039 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion:225 Resp: 92737
Ion Ratio Lower Upper
225 100
223 60.8 31.1 93.2
227 59.9 31.6 95.0

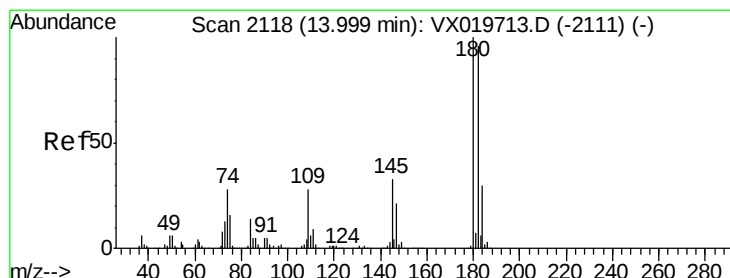
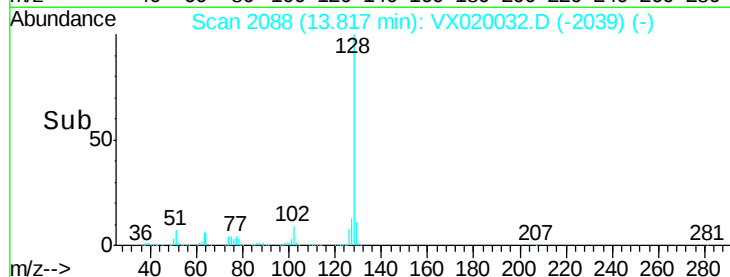
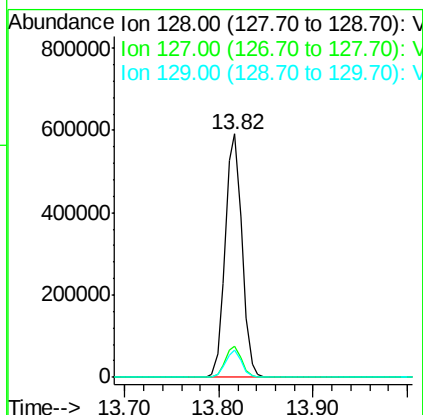
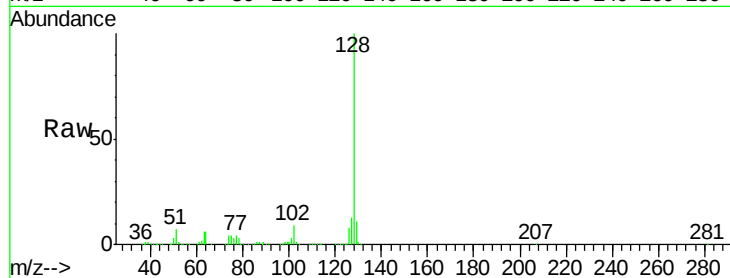




#95
Naphthalene
Concen: 56.307 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 727832
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.512 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020032.D
Acq: 15 Dec 2020 23:33

Tgt Ion:180 Resp: 208516
Ion Ratio Lower Upper
180 100
182 97.2 47.6 142.9
145 33.1 16.1 48.3

