

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019645.D
 Acq On : 25 Nov 2020 07:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 25 07:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	260697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199585	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	172728	51.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.20%	
35) Dibromofluoromethane		5.46	113	140175	49.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.52%	
50) Toluene-d8		8.70	98	541602	49.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.94%	
62) 4-Bromofluorobenzene		11.12	95	204992	52.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	126070	49.729	ug/l	99
3) Chloromethane	1.31	50	142296	48.913	ug/l	100
4) Vinyl Chloride	1.39	62	154214	49.244	ug/l	99
5) Bromomethane	1.62	94	58832	49.599	ug/l	100
6) Chloroethane	1.70	64	63702	86.598	ug/l	98
7) Trichlorofluoromethane	1.90	101	219051	48.463	ug/l	99
8) Diethyl Ether	2.17	74	90863	50.195	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121053	48.006	ug/l	98
10) Methyl Iodide	2.48	142	173395	52.342	ug/l	99
11) Tert butyl alcohol	3.04	59	188564	294.771	ug/l	100
12) 1,1-Dichloroethene	2.35	96	125216	48.380	ug/l	99
13) Acrolein	2.28	56	87402	203.260	ug/l	100
14) Allyl chloride	2.70	41	198644	48.993	ug/l	100
15) Acrylonitrile	3.12	53	405449	268.753	ug/l	100
16) Acetone	2.42	43	321691	246.098	ug/l	99
17) Carbon Disulfide	2.54	76	321272	46.205	ug/l	100
18) Methyl Acetate	2.75	43	171281	53.398	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	478985	53.614	ug/l	99
20) Methylene Chloride	2.83	84	160967	49.268	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	148033	50.482	ug/l	97
22) Diisopropyl ether	3.82	45	435597	51.933	ug/l	99
23) Vinyl Acetate	3.78	43	1882130	267.520	ug/l	100
24) 1,1-Dichloroethane	3.67	63	264921	51.638	ug/l	99
25) 2-Butanone	4.64	43	521044	265.349	ug/l	99
26) 2,2-Dichloropropane	4.55	77	166004	37.071	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	174704	51.866	ug/l	98
28) Bromochloromethane	4.98	49	115584	47.123	ug/l	99
29) Tetrahydrofuran	5.09	42	328383	262.103	ug/l	100
30) Chloroform	5.18	83	275406	51.338	ug/l	97
31) Cyclohexane	5.54	56	217242	49.415	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	237754	51.594	ug/l	99
36) 1,1-Dichloropropene	5.76	75	202743	48.186	ug/l	99
37) Ethyl Acetate	4.80	43	201681	51.059	ug/l	99
38) Carbon Tetrachloride	5.75	117	201095	49.378	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227521	46.442	ug/l	99
40) Benzene	6.11	78	625012	48.347	ug/l	99
41) Methacrylonitrile	5.00	41	112194	51.507	ug/l	98
42) 1,2-Dichloroethane	6.16	62	217557	49.099	ug/l	100
43) Isopropyl Acetate	6.41	43	334991	50.451	ug/l	100
44) Trichloroethene	7.18	130	165509	48.877	ug/l	99
45) 1,2-Dichloropropane	7.49	63	158663	49.854	ug/l	97
46) Dibromomethane	7.63	93	108689	49.898	ug/l	99
47) Bromodichloromethane	7.87	83	217965	51.568	ug/l	100
48) Methyl methacrylate	7.74	41	166046	53.397	ug/l	100
49) 1,4-Dioxane	7.72	88	82059	1162.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1032501	266.662	ug/l	100
52) Toluene	8.76	92	397919	50.316	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	229635	50.306	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	252637	49.871	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162954	50.594	ug/l	96
56) Ethyl methacrylate	9.16	69	250042	54.864	ug/l	100
57) 1,3-Dichloropropane	9.35	76	278006	51.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660203	247.222	ug/l	99
59) 2-Hexanone	9.48	43	772593	263.093	ug/l	99
60) Dibromochloromethane	9.56	129	168693	53.472	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171314	51.601	ug/l	99
64) Tetrachloroethene	9.32	164	140597	43.317	ug/l	98
65) Chlorobenzene	10.12	112	427596	50.366	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	159647	51.698	ug/l	99
67) Ethyl Benzene	10.23	91	752190	50.575	ug/l	99
68) m/p-Xylenes	10.34	106	576385	104.021	ug/l	99
69) o-Xylene	10.68	106	275414	51.996	ug/l	99
70) Styrene	10.70	104	473872	48.386	ug/l	99
71) Bromoform	10.84	173	121217	46.602	ug/l #	98
73) Isopropylbenzene	11.00	105	732981	53.088	ug/l	99
74) N-amyl acetate	10.88	43	289896	56.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	253537	51.350	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	276478	63.476	ug/l	88
77) Bromobenzene	11.24	156	185377	52.594	ug/l	98
78) n-propylbenzene	11.34	91	827015	52.214	ug/l	99
79) 2-Chlorotoluene	11.40	91	507846	52.868	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	616853	53.258	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	71488	44.810	ug/l	99
82) 4-Chlorotoluene	11.49	91	591383	52.298	ug/l	100
83) tert-Butylbenzene	11.76	119	604661	53.962	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621951	53.072	ug/l	99
85) sec-Butylbenzene	11.93	105	688021	51.613	ug/l	100
86) p-Isopropyltoluene	12.05	119	621735	51.370	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	330652	51.082	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	327691	49.147	ug/l	98
89) n-Butylbenzene	12.37	91	530889	48.519	ug/l	99
90) Hexachloroethane	12.58	117	106027	52.353	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	331598	51.005	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53685	53.297	ug/l	98

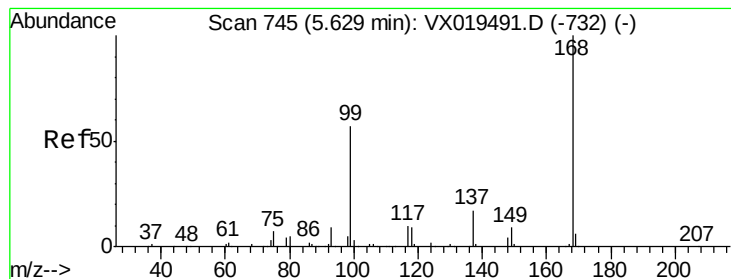
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	209600	50.216	ug/l	97
94) Hexachlorobutadiene	13.76	225	82383	43.327	ug/l	98
95) Naphthalene	13.82	128	726259	49.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	212579	50.917	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

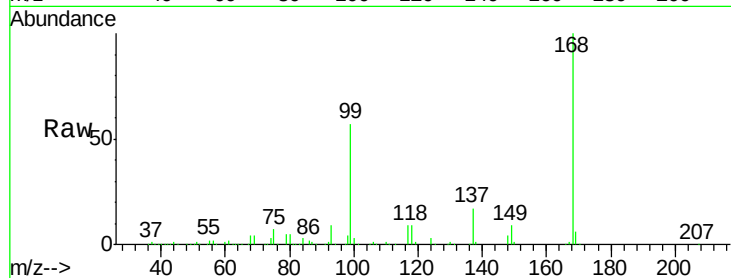
VSTDCCC050EC

Tot Ion:168 Resp: 260697

Ion Ratio Lower Upper

168 100

99 56.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

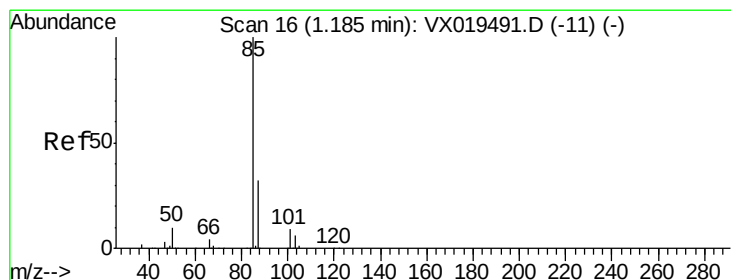
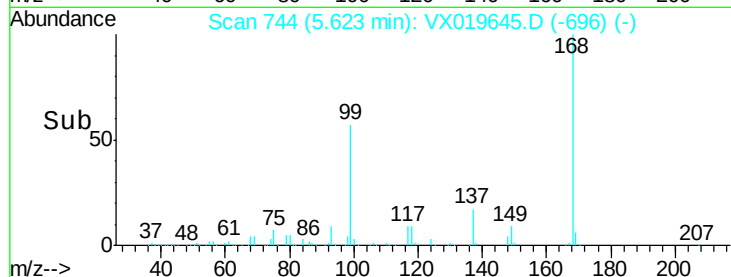
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.729 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019645.D

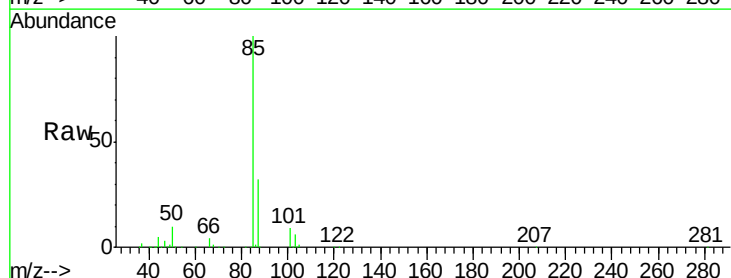
Acq: 25 Nov 2020 07:24

Tgt Ion: 85 Resp: 126070

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

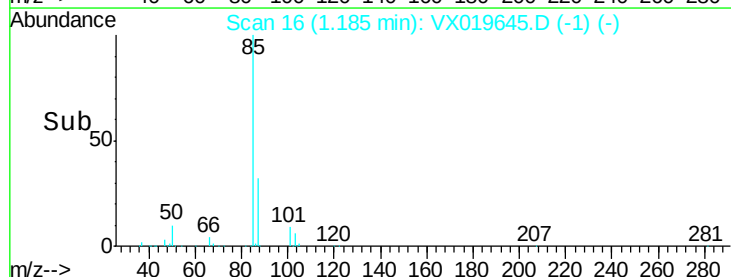
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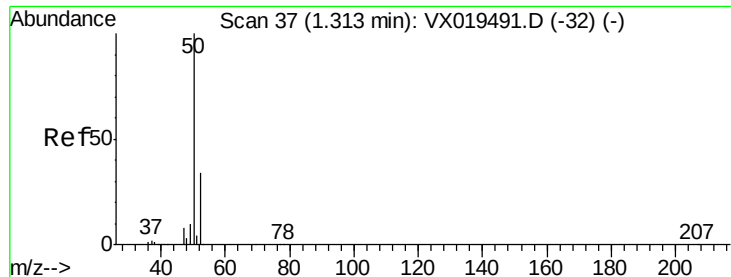
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50000

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Time-->





#3

Chloromethane

Concen: 48.913 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

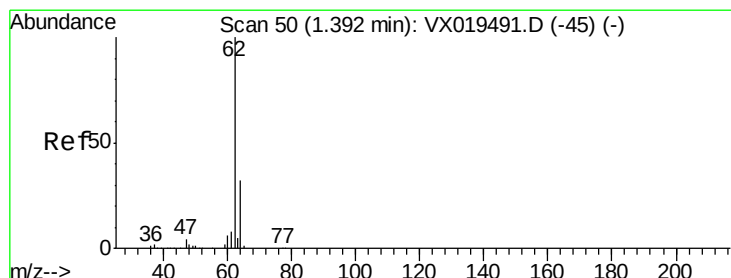
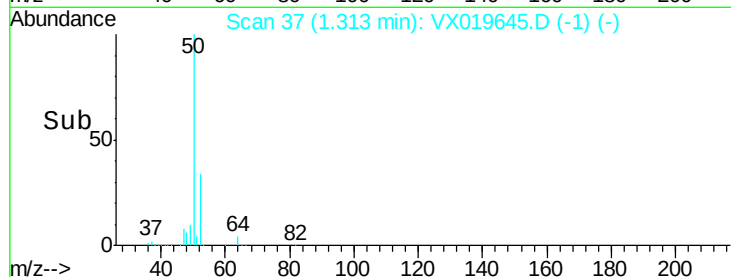
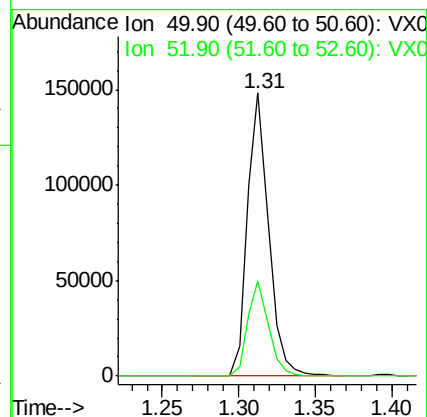
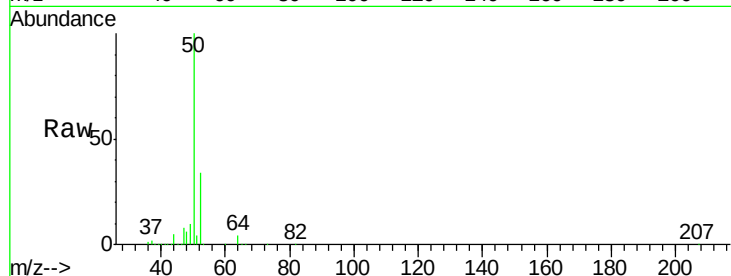
VSTDCCC050EC

Tot Ion: 50 Resp: 142296

Ion Ratio Lower Upper

50 100

52 33.6 27.0 40.6



#4

Vinyl Chloride

Concen: 49.244 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019645.D

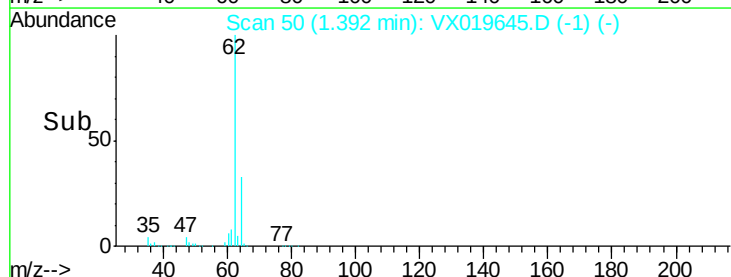
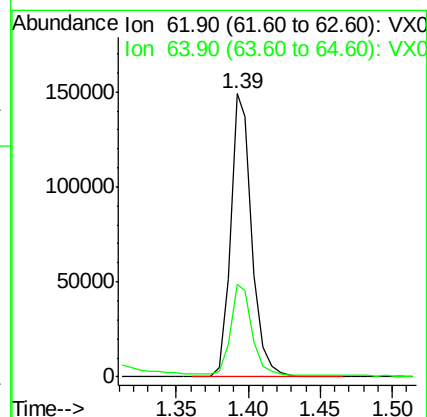
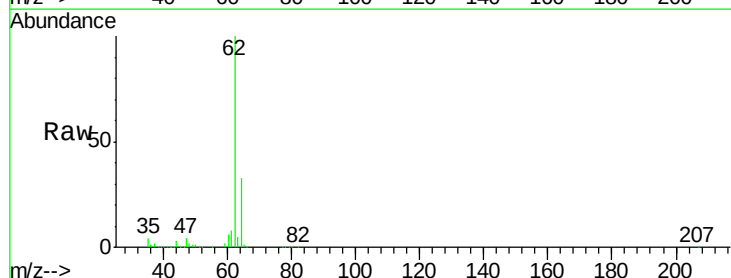
Acq: 25 Nov 2020 07:24

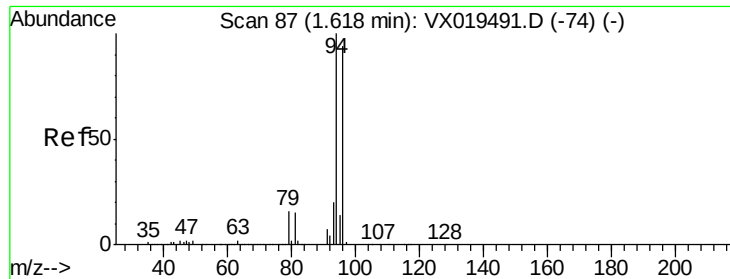
Tgt Ion: 62 Resp: 154214

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 49.599 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

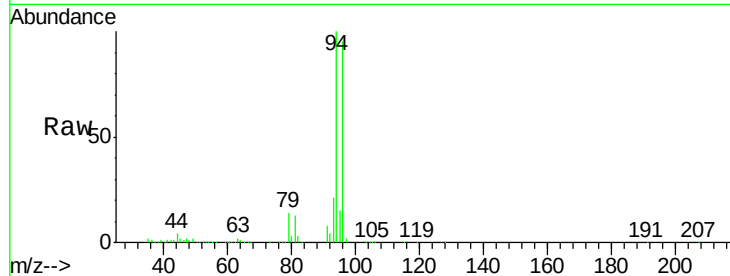
VSTDCCC050EC

Tot Ion: 94 Resp: 58832

Ion Ratio Lower Upper

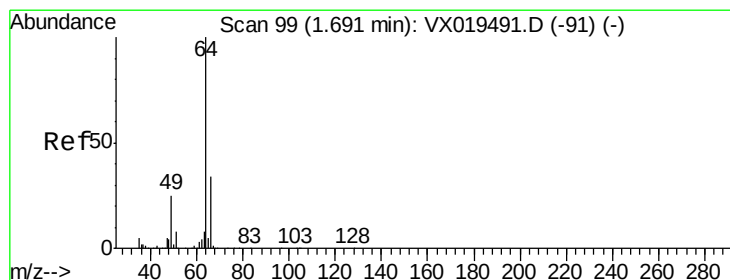
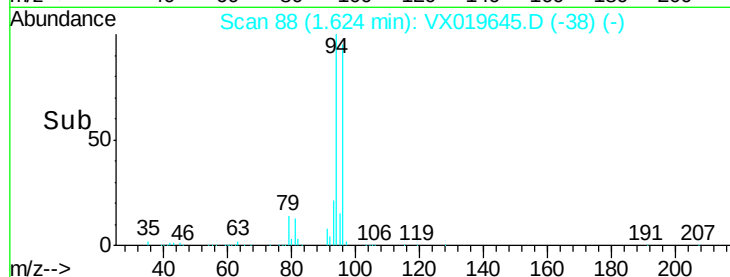
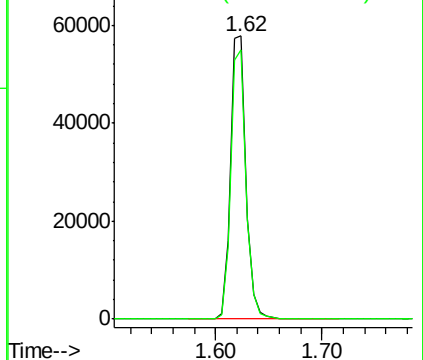
94 100

96 95.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 86.598 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019645.D

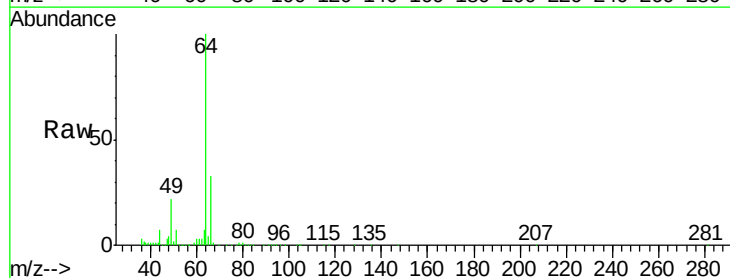
Acq: 25 Nov 2020 07:24

Tgt Ion: 64 Resp: 63702

Ion Ratio Lower Upper

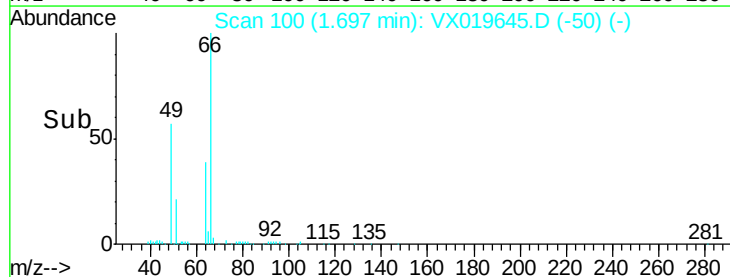
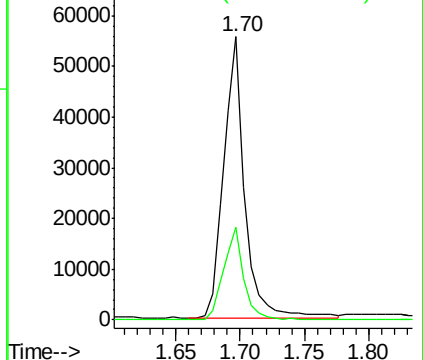
64 100

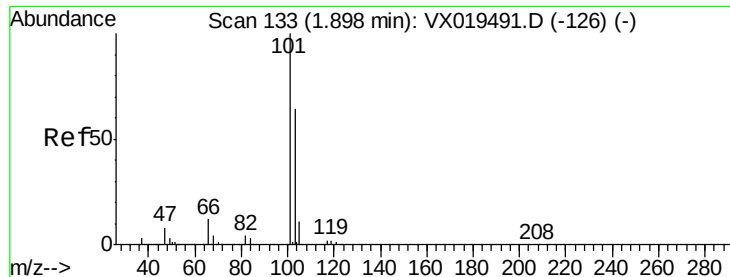
66 32.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



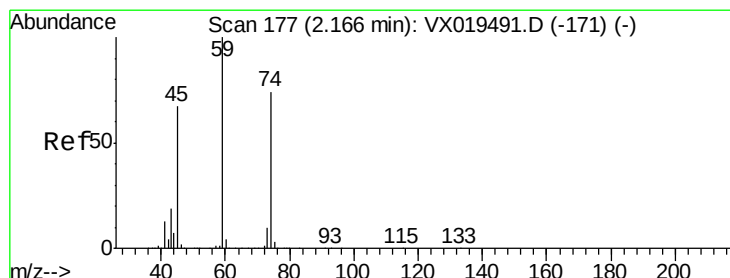
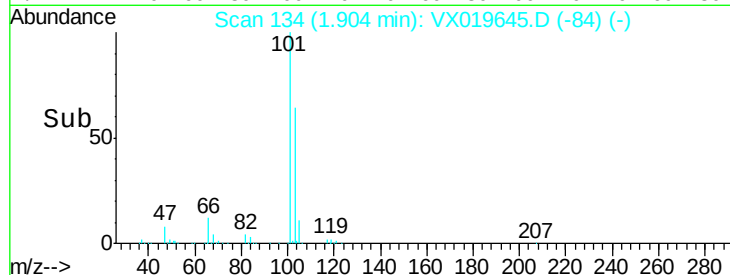
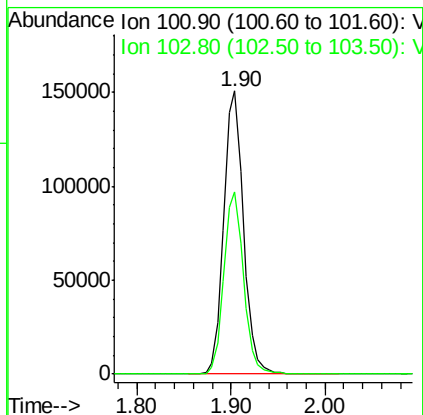
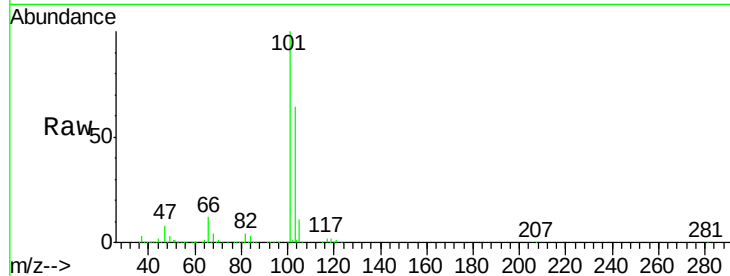


#7

Trichlorofluoromethane
 Concen: 48.463 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

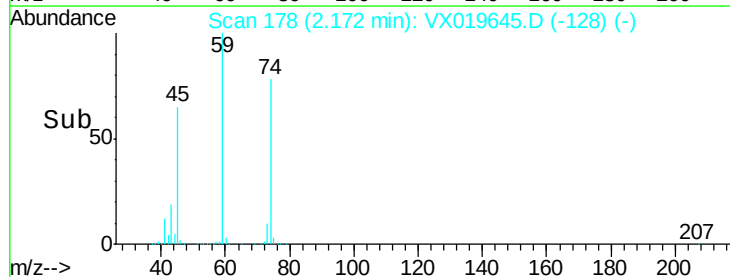
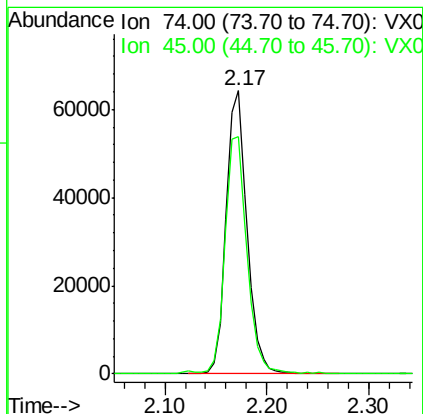
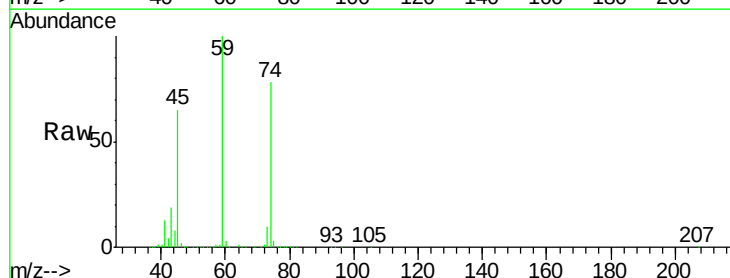
Tot Ion:101 Resp: 219051
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.9 76.3

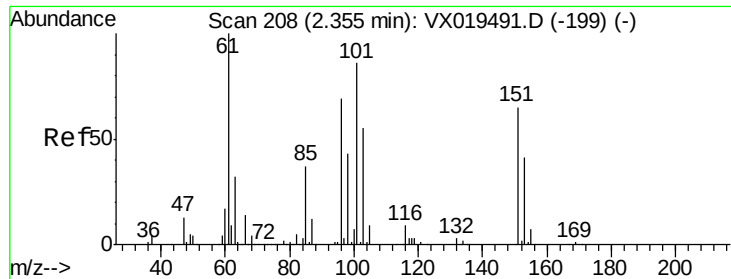


#8

Diethyl Ether
 Concen: 50.195 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 74 Resp: 90863
 Ion Ratio Lower Upper
 74 100
 45 86.8 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.006 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

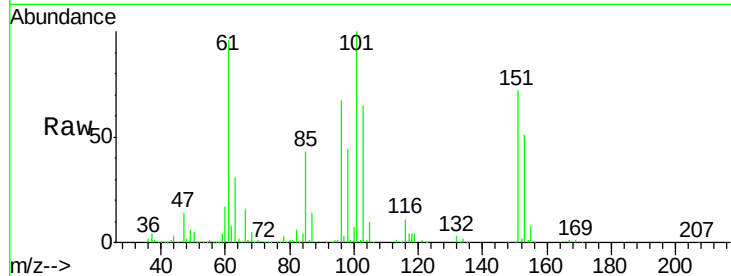
Tot Ion:101 Resp: 121053

Ion Ratio Lower Upper

101 100

85 43.2 33.9 50.9

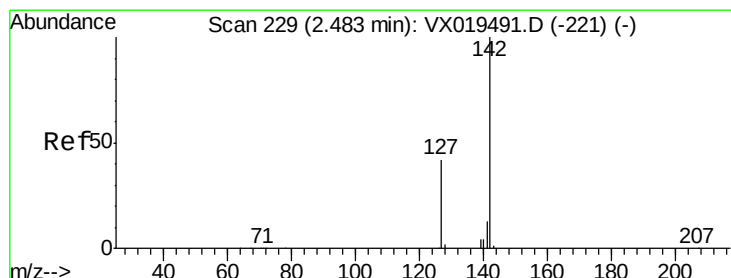
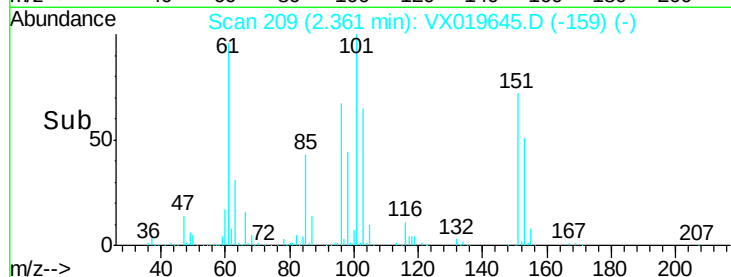
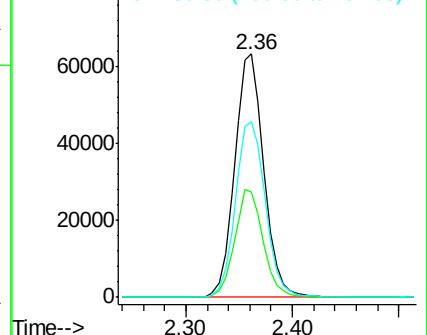
151 74.6 60.9 91.3



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: 52.342 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

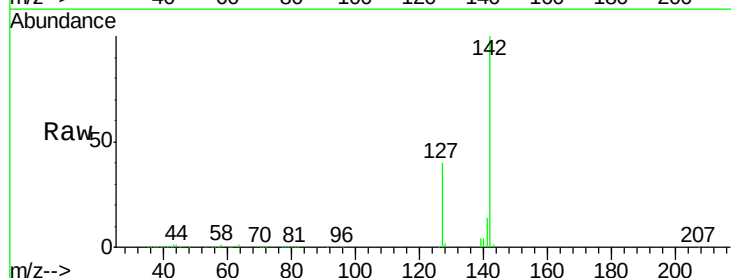
Tgt Ion:142 Resp: 173395

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.6

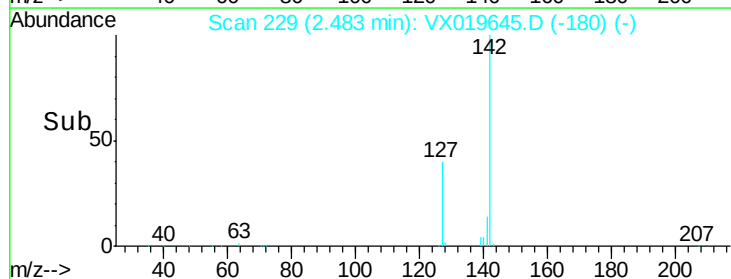
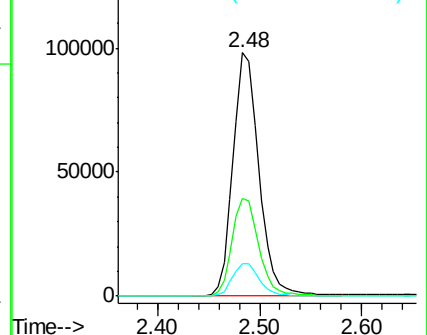
141 14.0 11.0 16.6

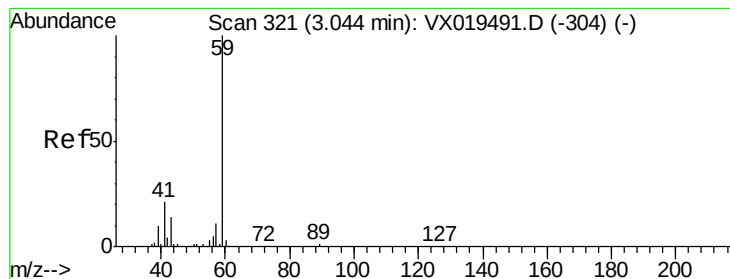


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



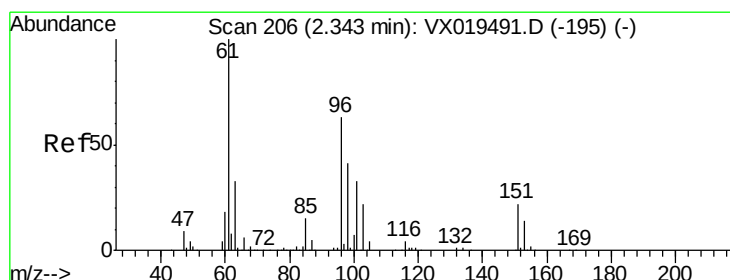
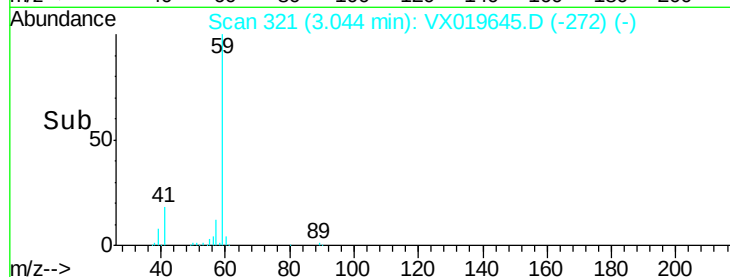
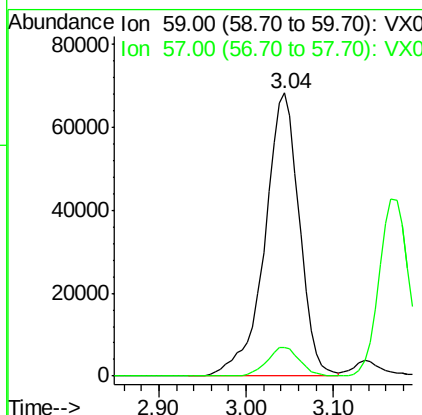
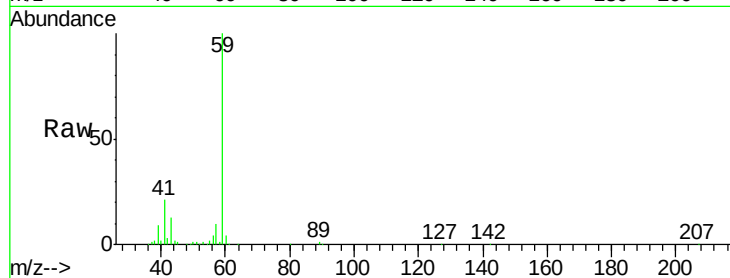


#11

Tert butyl alcohol
 Concen: 294.771 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

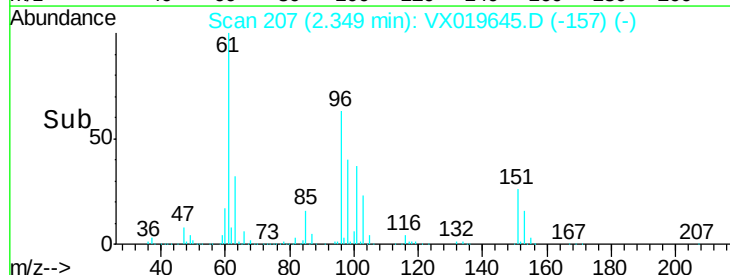
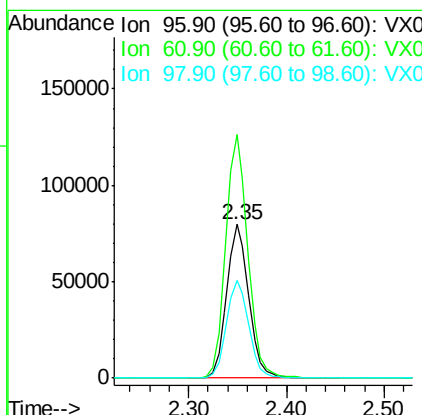
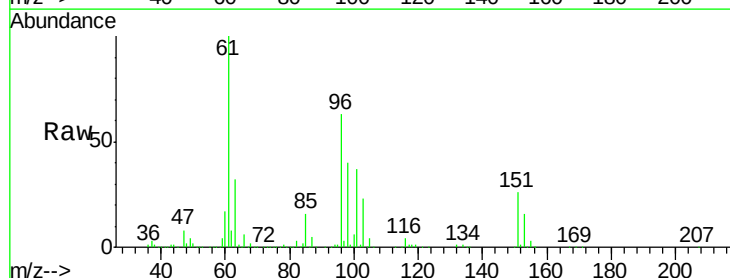
Tot Ion: 59 Resp: 188564
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.9 11.9

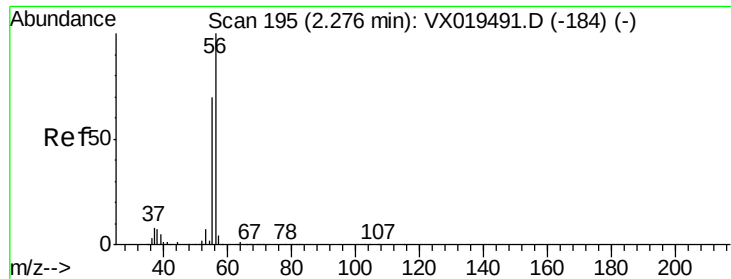


#12

1,1-Dichloroethene
 Concen: 48.380 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 96 Resp: 125216
 Ion Ratio Lower Upper
 96 100
 61 158.4 126.0 189.0
 98 63.3 52.0 78.0





#13

Acrolein

Concen: 203.260 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

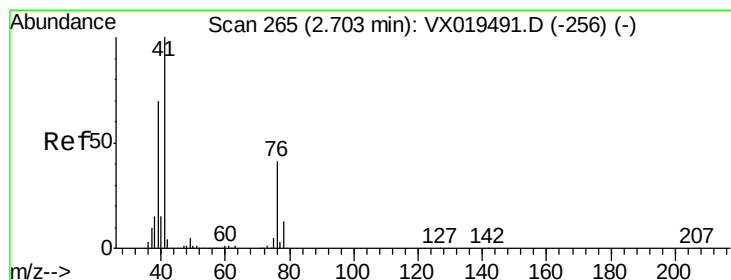
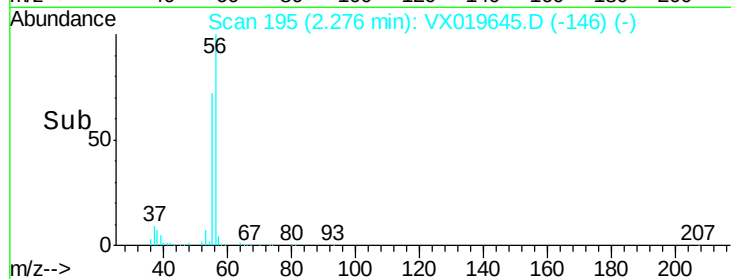
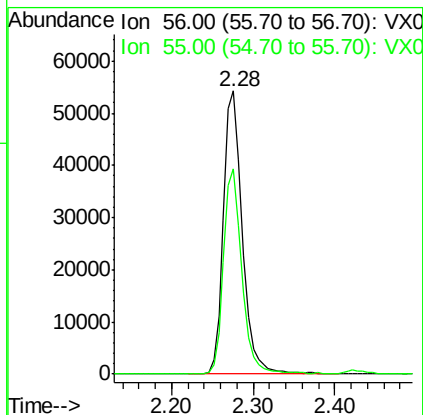
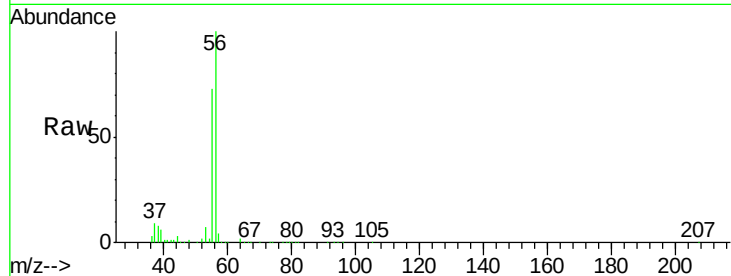
VSTDCCC050EC

Tot Ion: 56 Resp: 87402

Ion Ratio Lower Upper

56 100

55 69.4 55.5 83.3



#14

Allyl chloride

Concen: 48.993 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

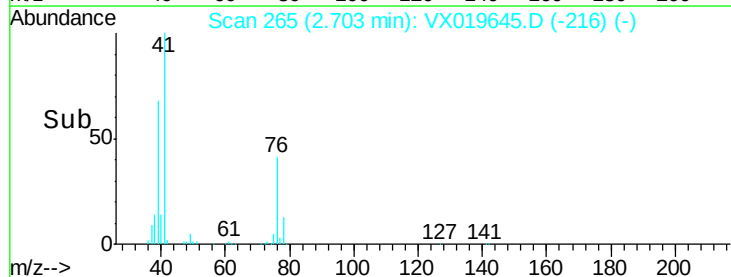
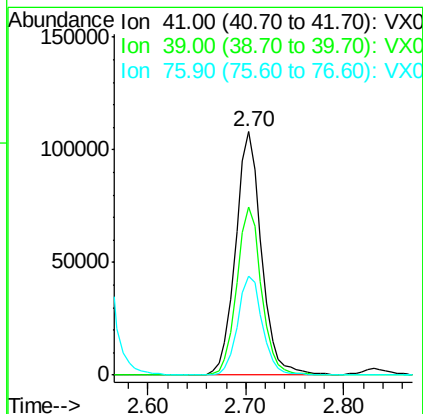
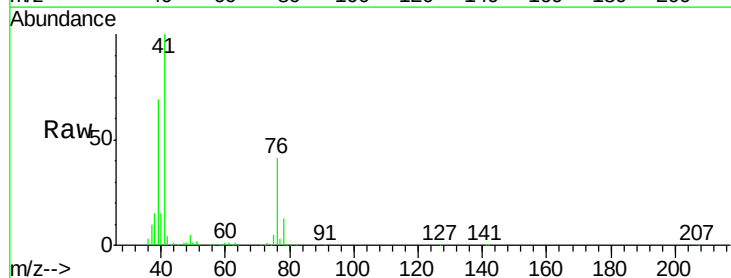
Tgt Ion: 41 Resp: 198644

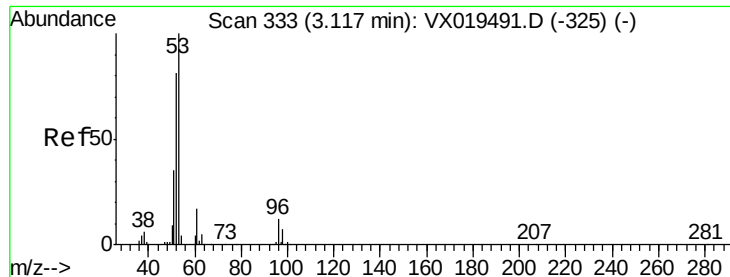
Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.4

76 39.0 31.0 46.6





#15

Acrylonitrile

Concen: 268.753 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

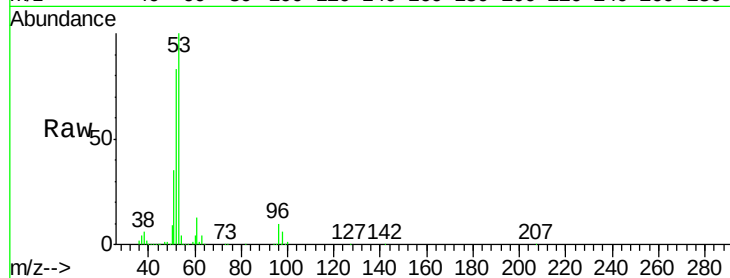
Tot Ion: 53 Resp: 405449

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

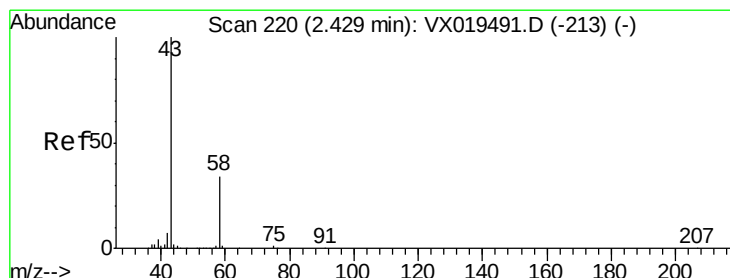
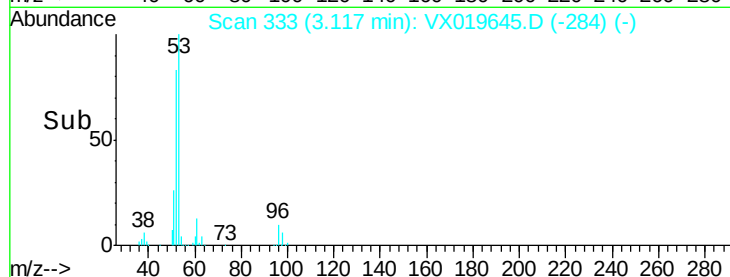
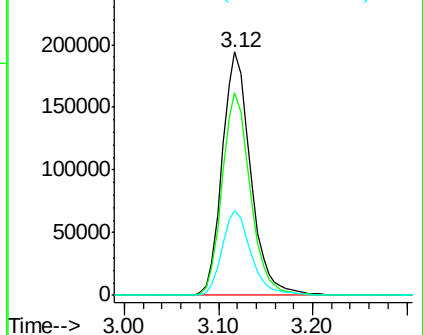
51 35.7 28.5 42.7



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: 246.098 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019645.D

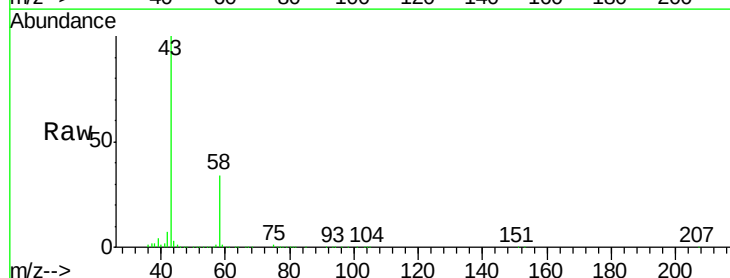
Acq: 25 Nov 2020 07:24

Tgt Ion: 43 Resp: 321691

Ion Ratio Lower Upper

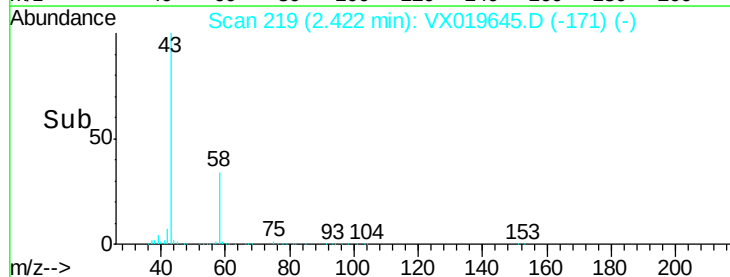
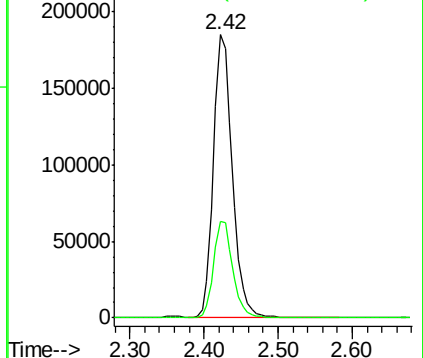
43 100

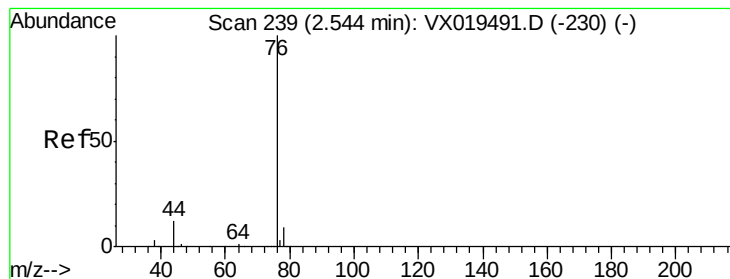
58 34.0 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.205 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

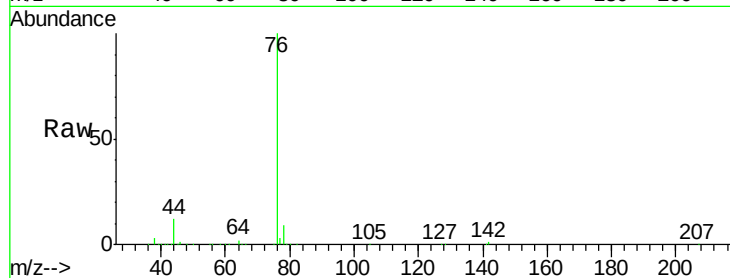
VSTDCCC050EC

Tot Ion: 76 Resp: 321272

Ion Ratio Lower Upper

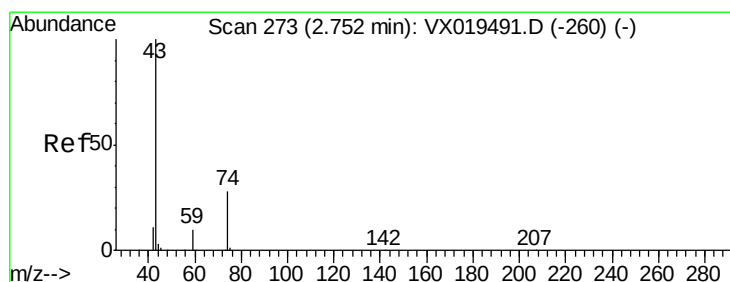
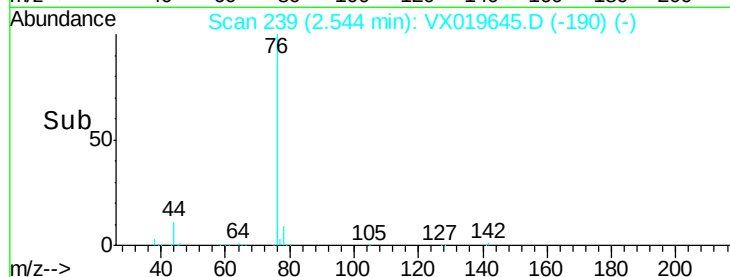
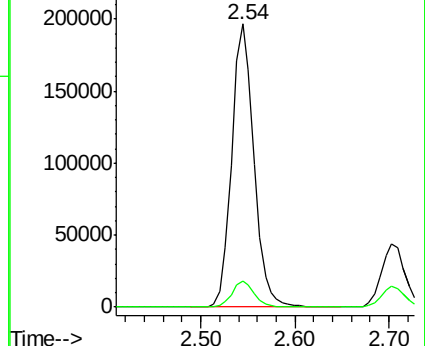
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.398 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019645.D

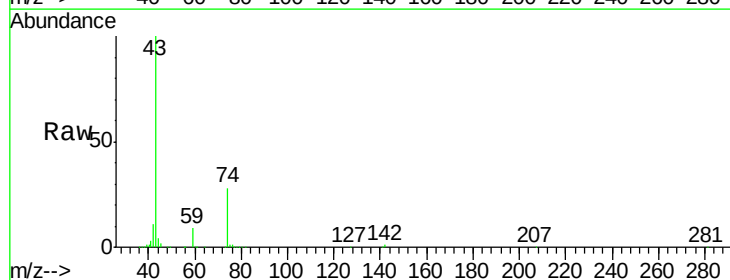
Acq: 25 Nov 2020 07:24

Tgt Ion: 43 Resp: 171281

Ion Ratio Lower Upper

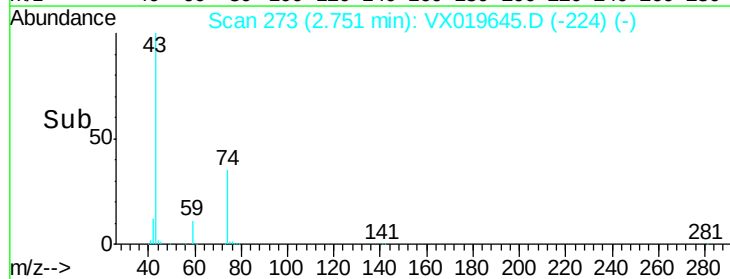
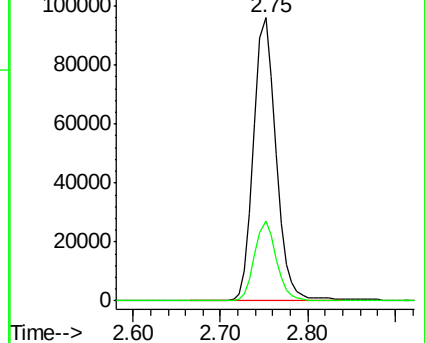
43 100

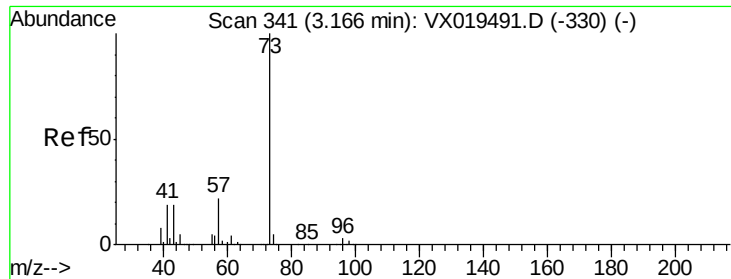
74 27.7 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

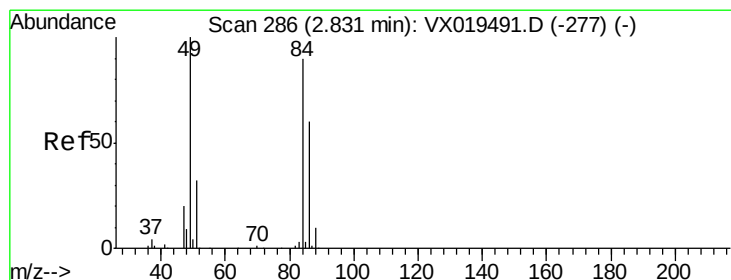
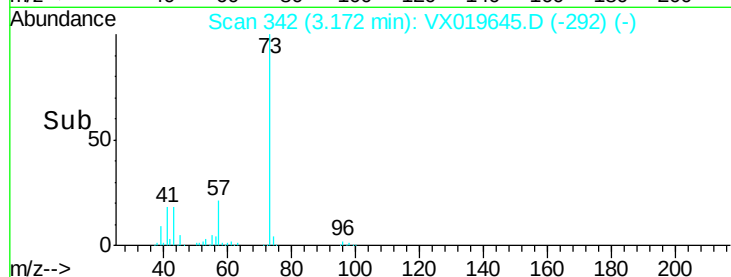
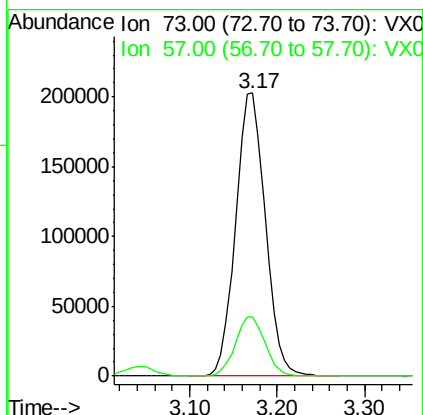
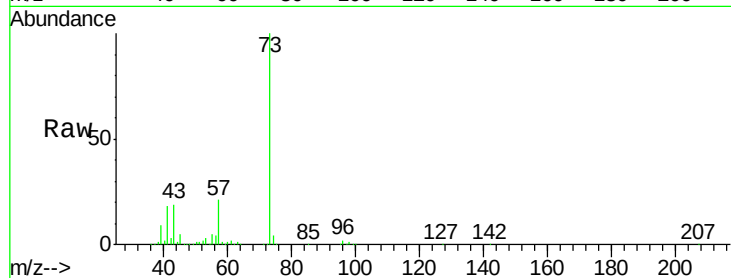




#19
Methyl tert-butyl Ether
Concen: 53.614 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

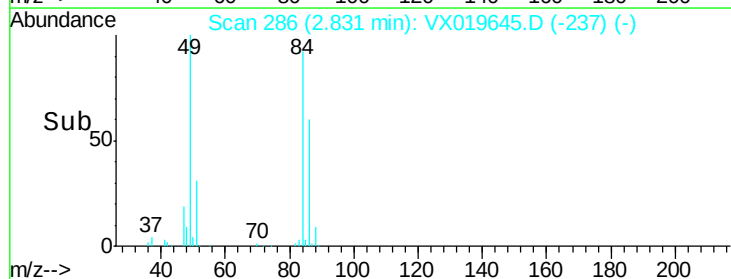
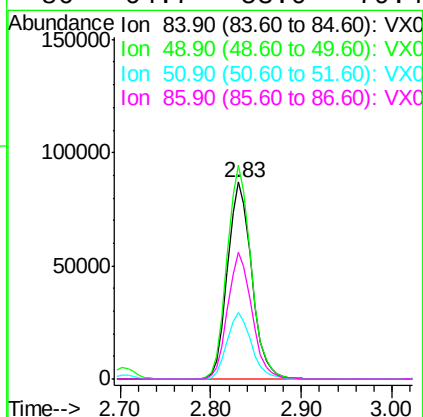
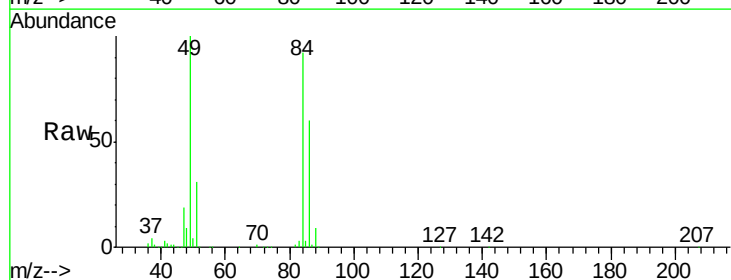
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

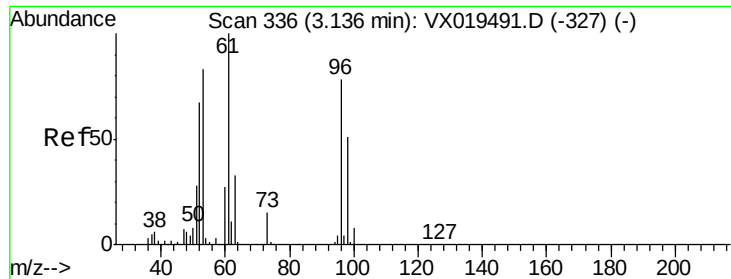
Tot Ion: 73 Resp: 478985
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 49.268 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 84 Resp: 160967
Ion Ratio Lower Upper
84 100
49 108.4 88.5 132.7
51 33.6 28.0 42.0
86 64.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 50.482 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

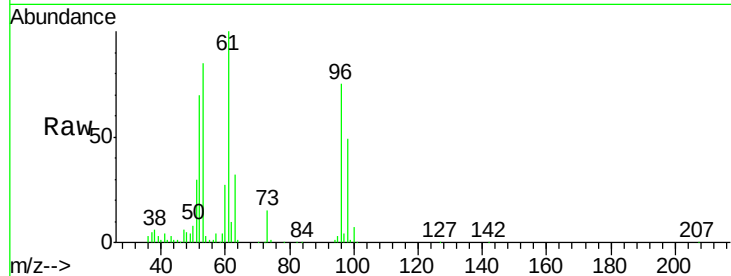
Tot Ion: 96 Resp: 148033

Ion Ratio Lower Upper

96 100

61 133.3 102.9 154.3

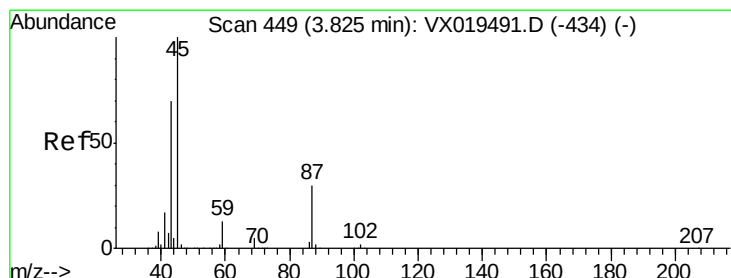
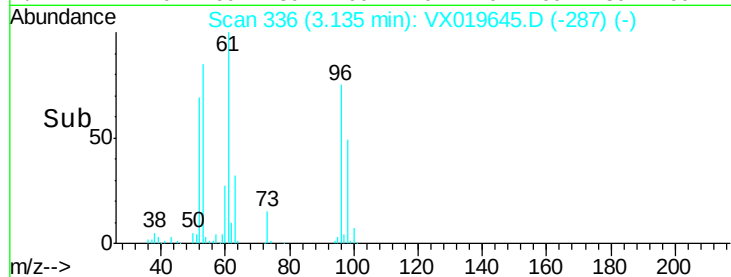
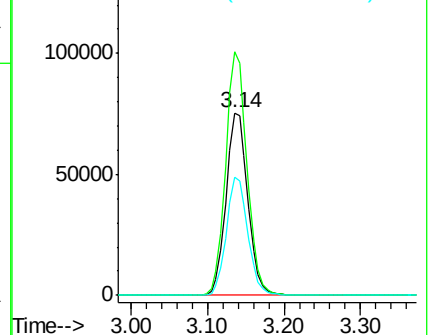
98 64.7 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.933 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion: 45 Resp: 435597

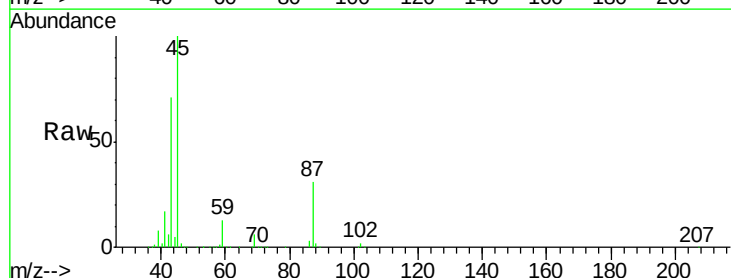
Ion Ratio Lower Upper

45 100

43 70.5 56.1 84.1

87 31.3 24.2 36.2

59 12.7 10.2 15.2

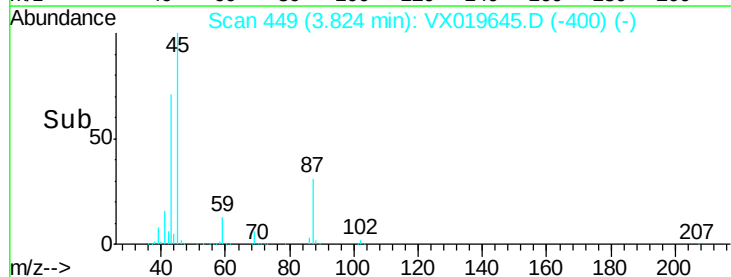
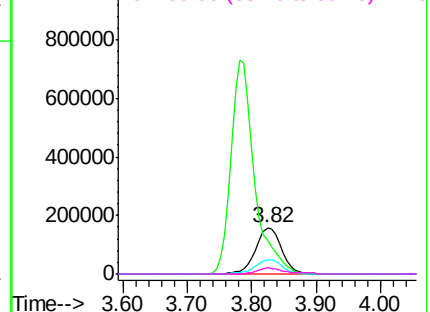


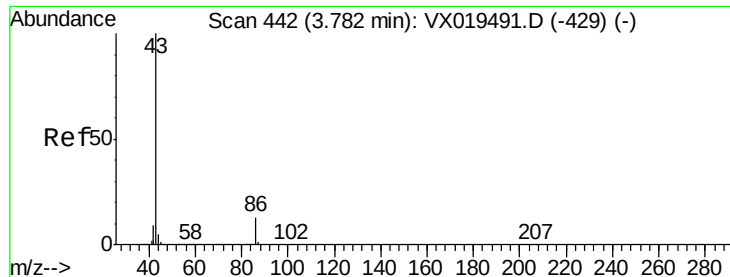
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 267.520 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

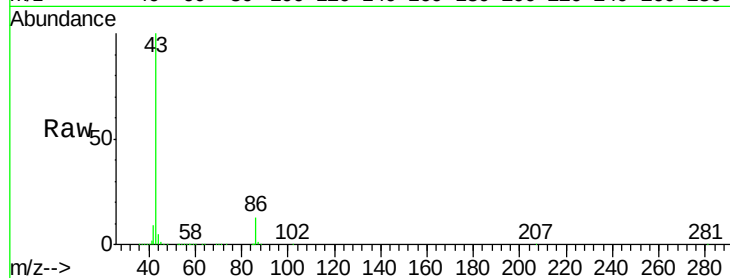
VSTDCCC050EC

Tot Ion: 43 Resp: 1882130

Ion Ratio Lower Upper

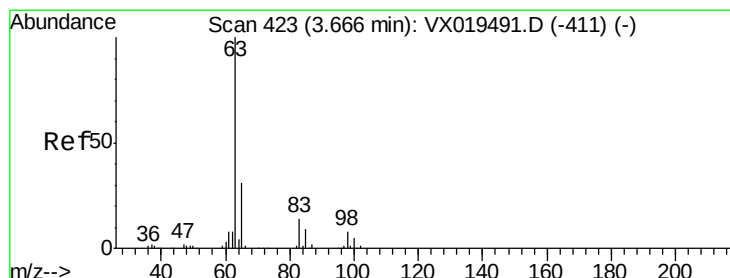
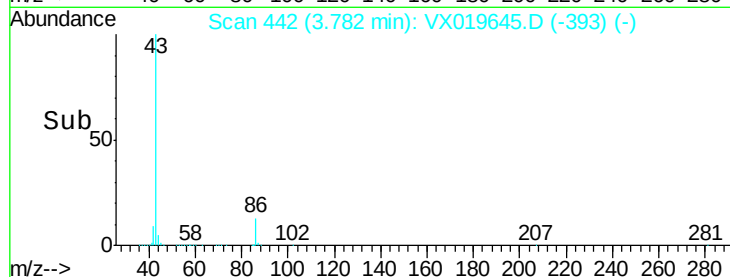
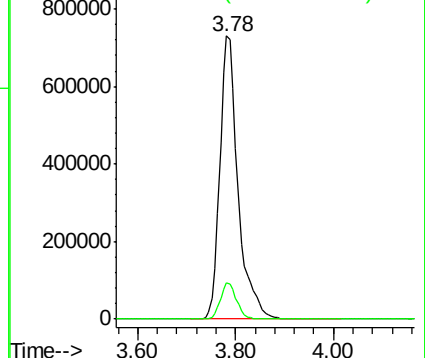
43 100

86 12.6 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.638 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

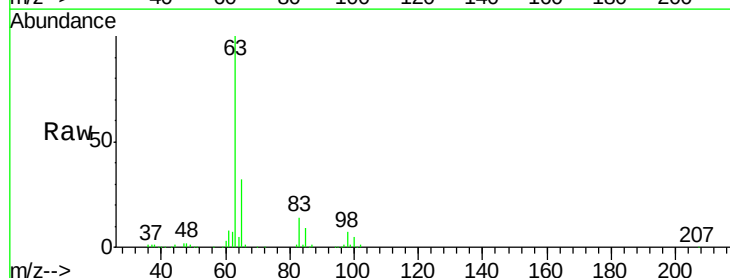
Tgt Ion: 63 Resp: 264921

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

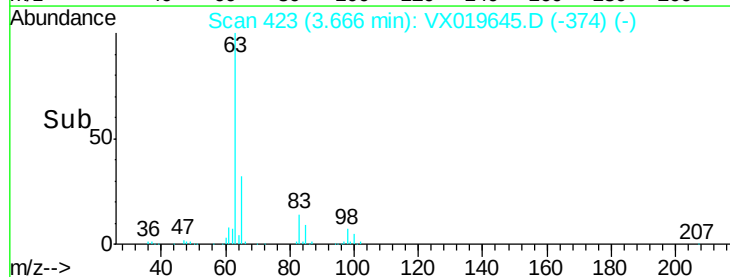
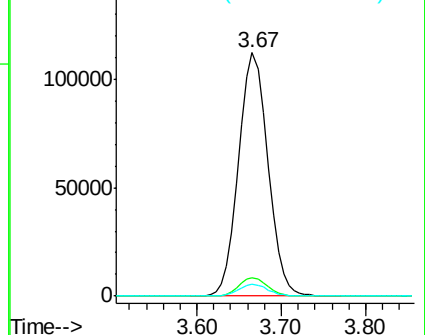
100 4.7 2.4 7.1

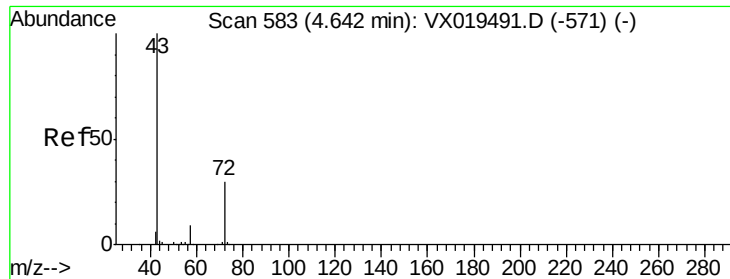


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 265.349 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

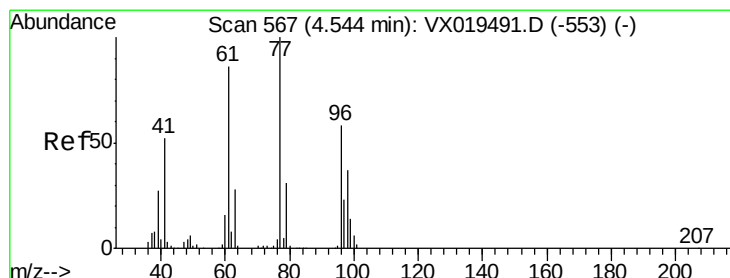
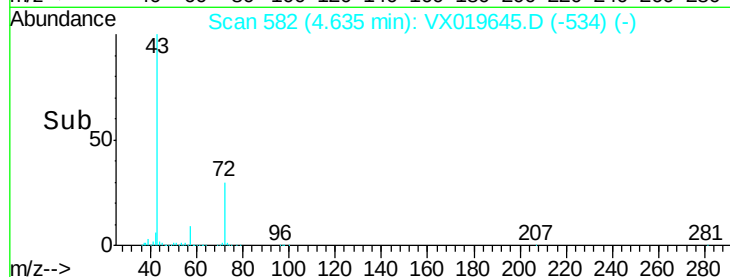
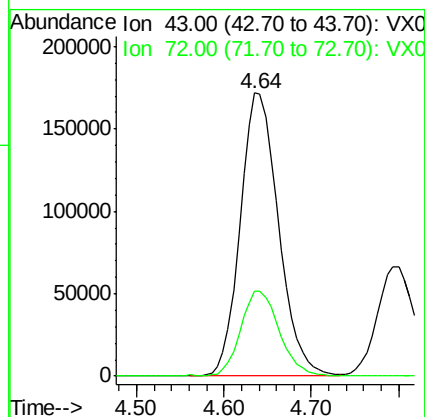
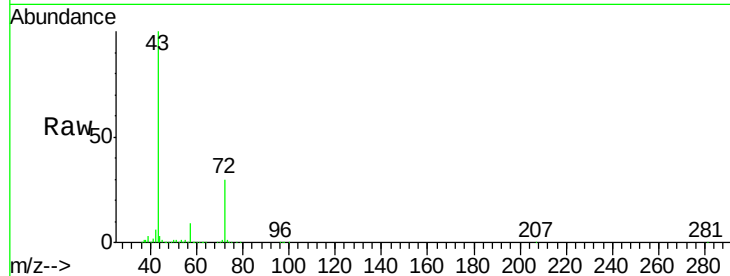
VSTDCCC050EC

Tot Ion: 43 Resp: 521044

Ion Ratio Lower Upper

43 100

72 29.7 24.0 36.0



#26

2,2-Dichloropropane

Concen: 37.071 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019645.D

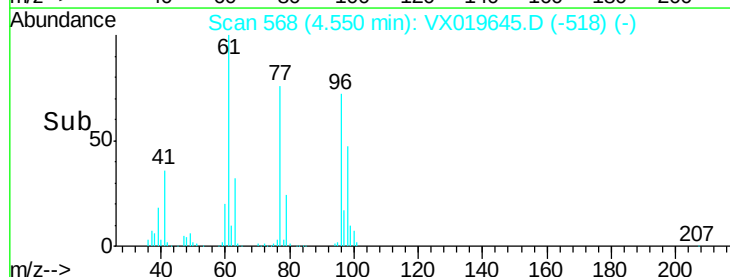
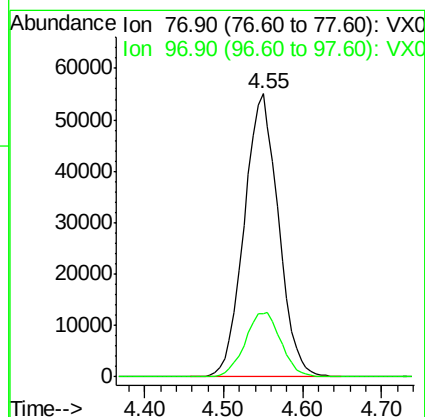
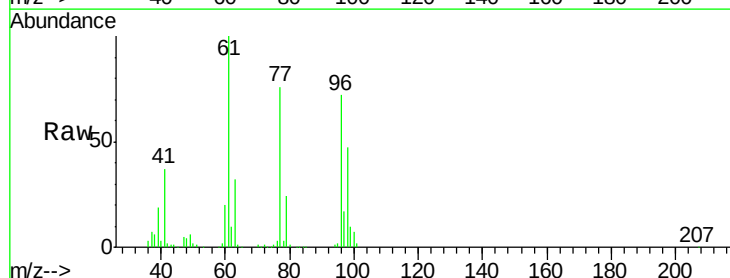
Acq: 25 Nov 2020 07:24

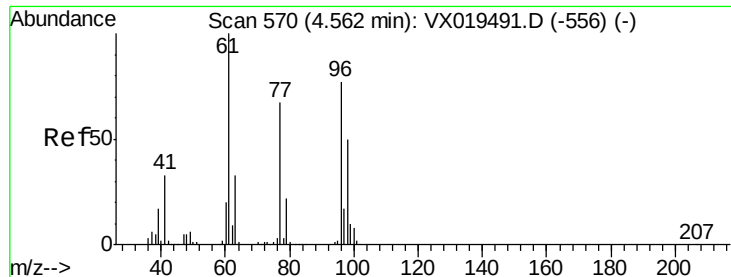
Tgt Ion: 77 Resp: 166004

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



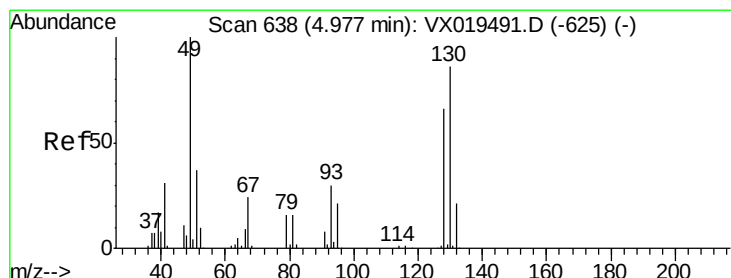
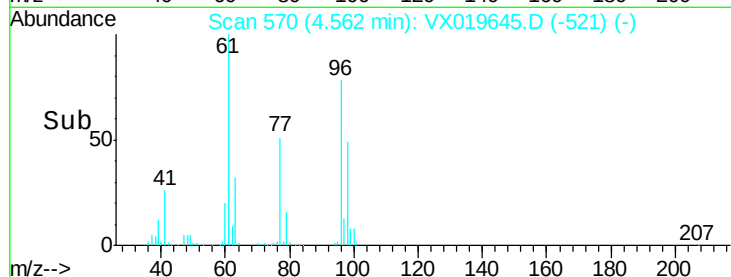
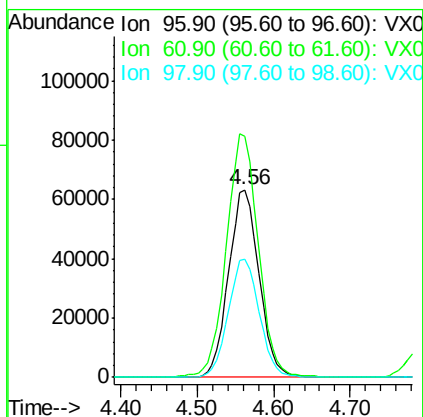
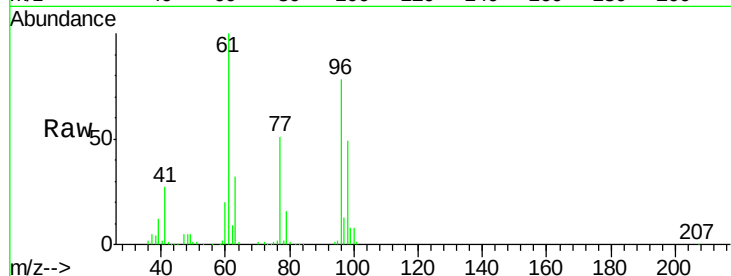


#27

cis-1,2-Dichloroethene
 Concen: 51.866 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

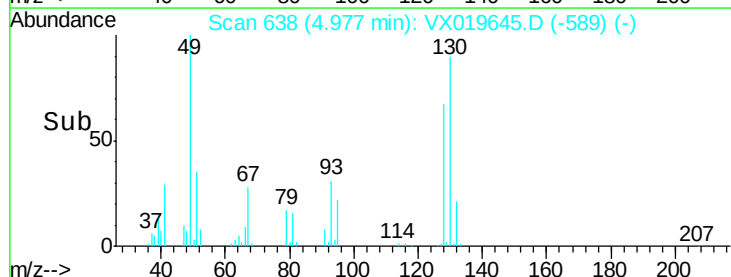
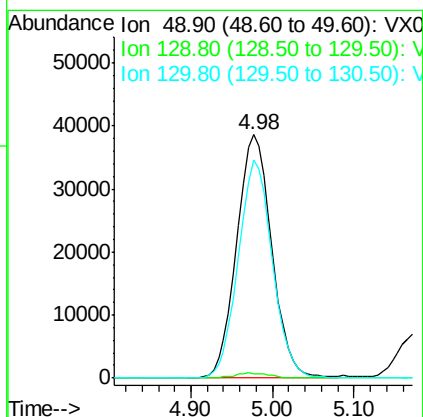
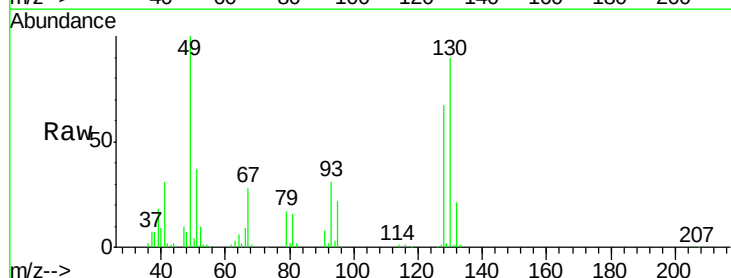
Tot Ion: 96 Resp: 174704
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 279.2
 98 64.1 0.0 129.8

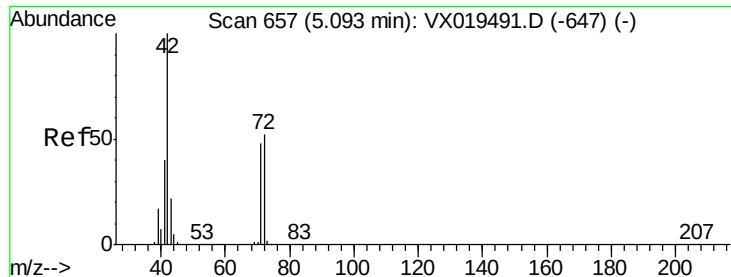


#28

Bromochloromethane
 Concen: 47.123 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 49 Resp: 115584
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 87.2 69.0 103.6





#29

Tetrahydrofuran

Concen: 262.103 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

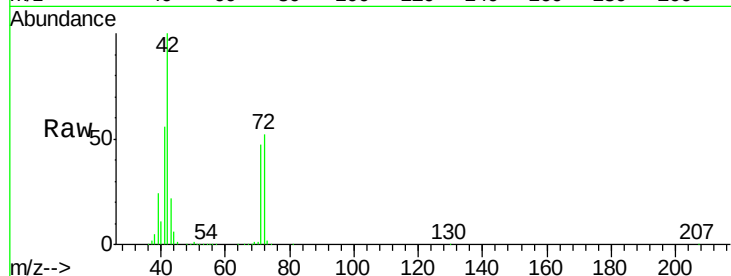
Tot Ion: 42 Resp: 328383

Ion Ratio Lower Upper

42 100

72 53.4 42.6 63.8

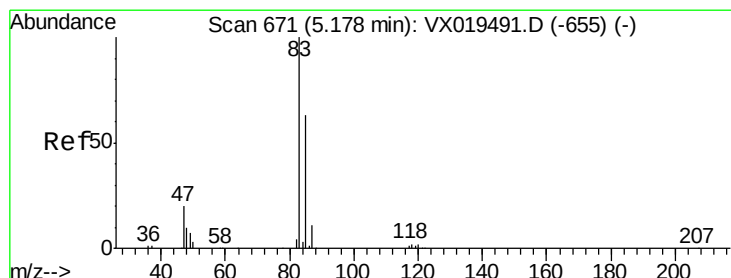
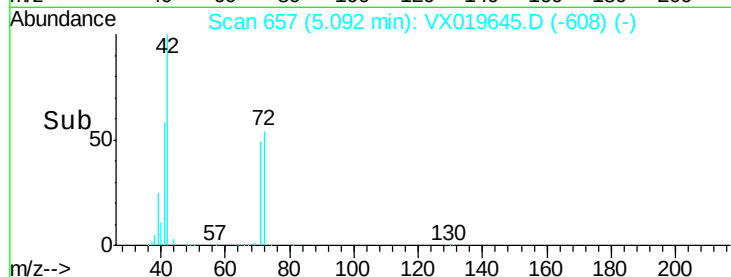
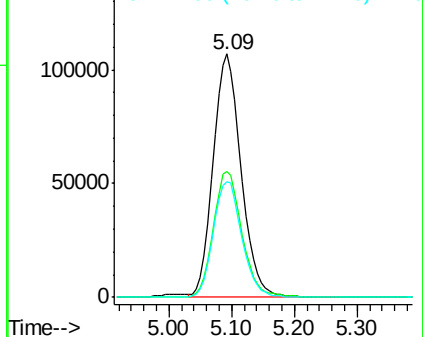
71 48.8 39.0 58.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.338 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019645.D

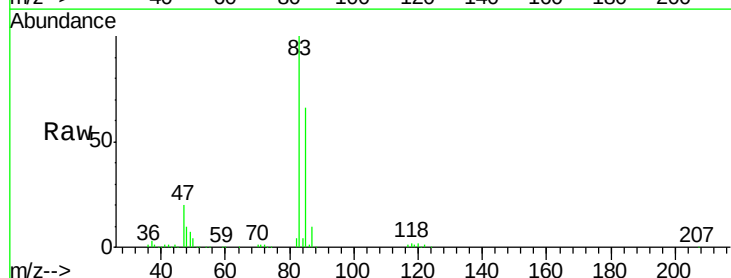
Acq: 25 Nov 2020 07:24

Tgt Ion: 83 Resp: 275406

Ion Ratio Lower Upper

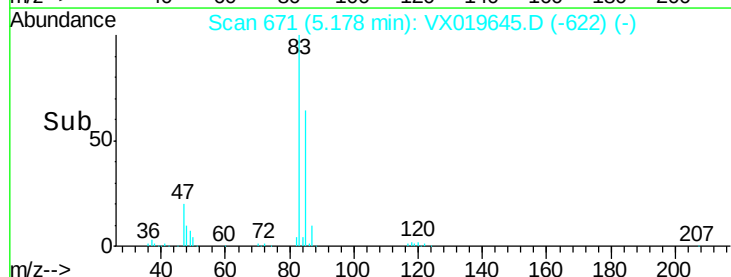
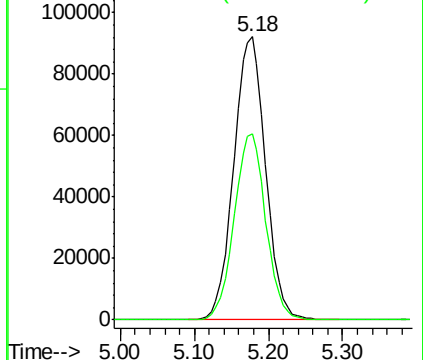
83 100

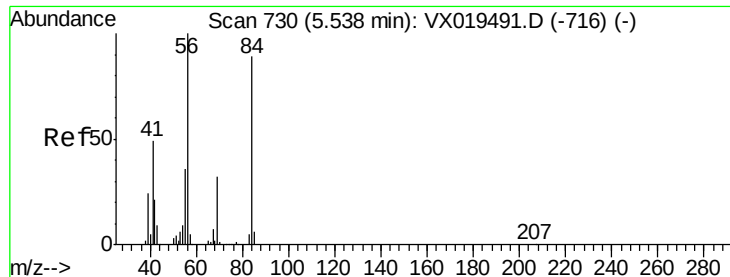
85 65.6 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

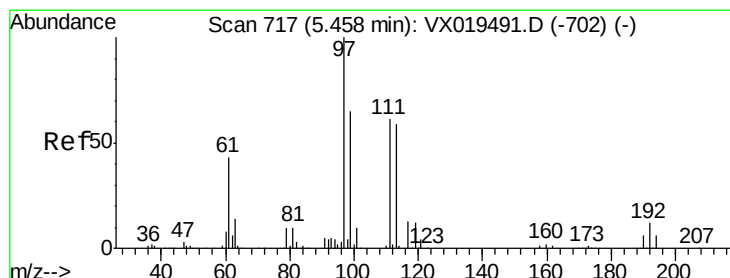
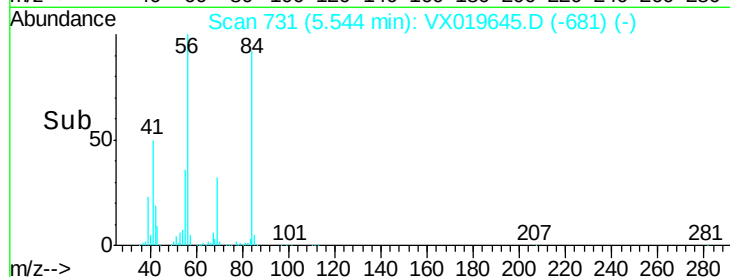
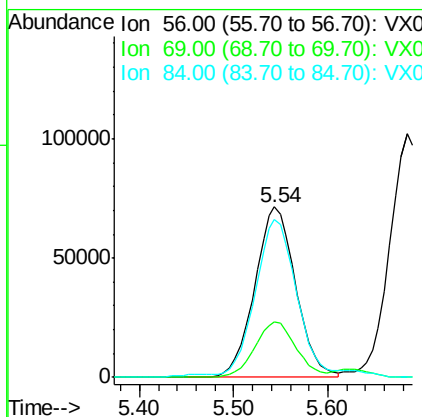
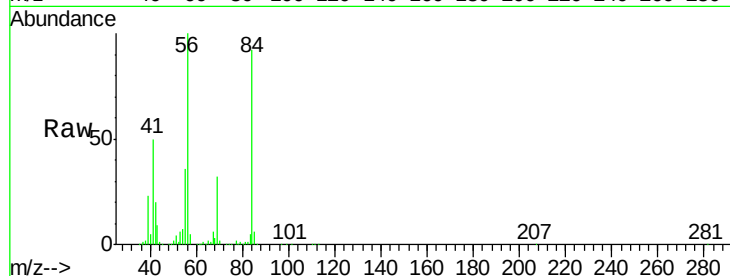




#31
Cyclohexane
Concen: 49.415 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

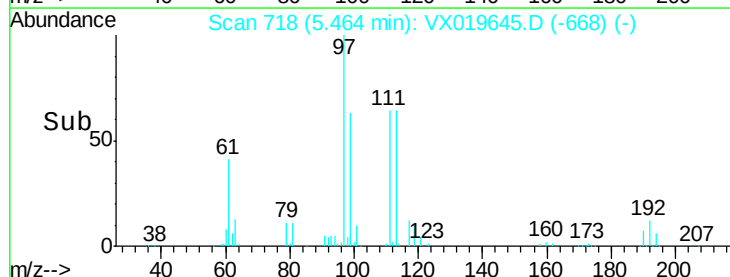
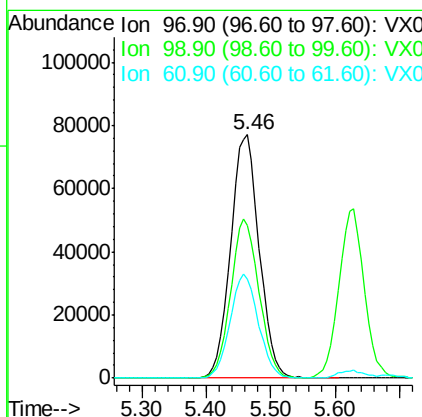
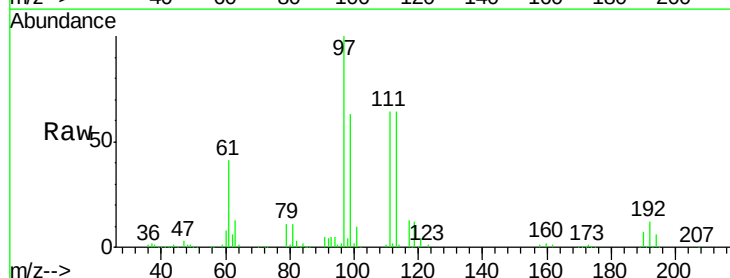
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

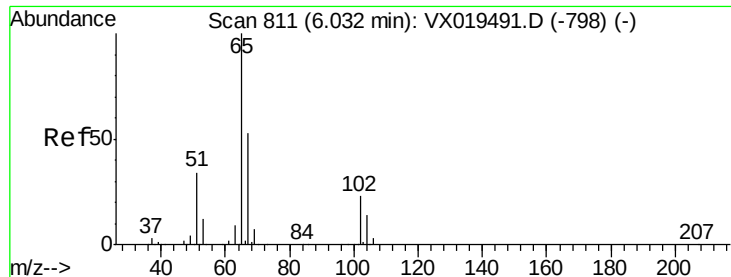
Tot Ion: 56 Resp: 217242
Ion Ratio Lower Upper
56 100
69 32.4 25.5 38.3
84 90.4 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 51.594 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 97 Resp: 237754
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 42.3 34.2 51.2

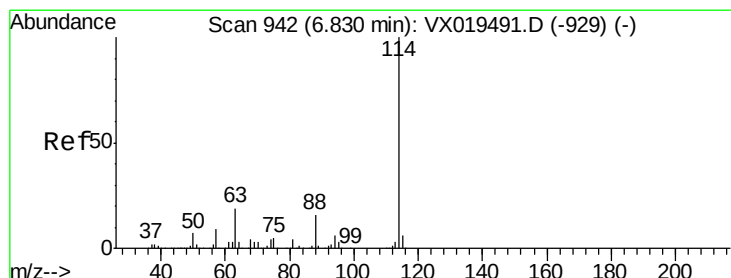
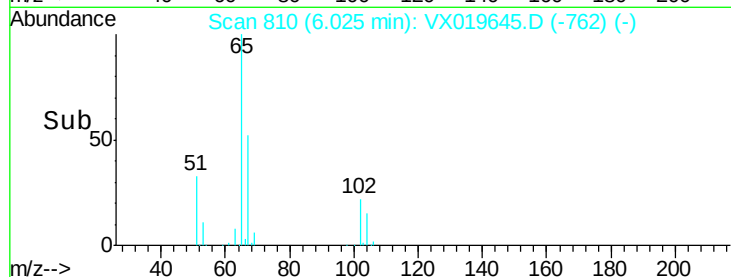
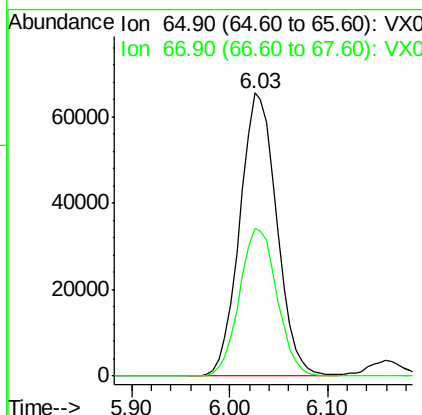
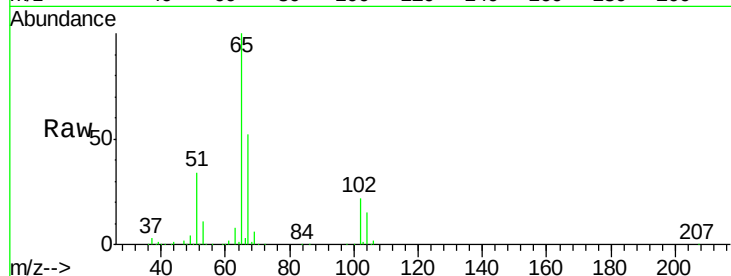




#33
 1,2-Dichloroethane-d4
 Concen: 51.101 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

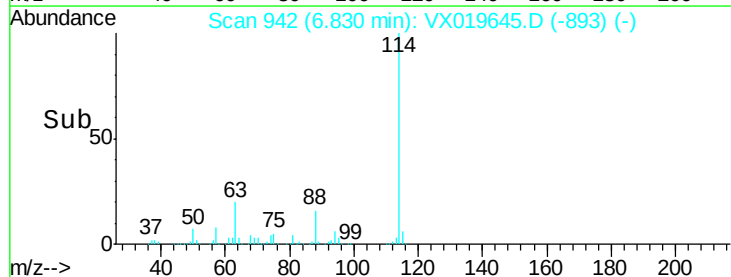
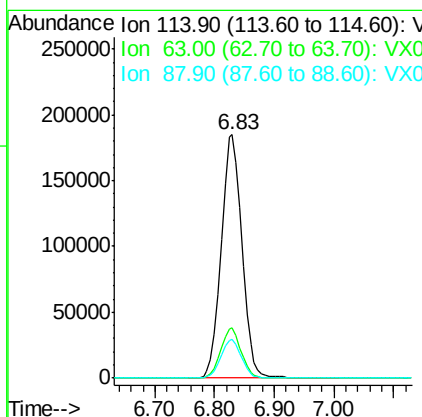
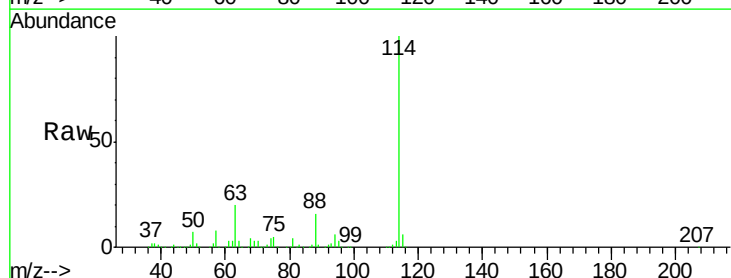
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

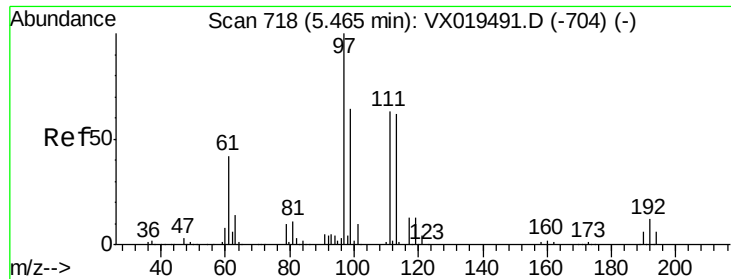
Tot Ion: 65 Resp: 172728
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 114 Resp: 448801
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.8
 88 16.0 0.0 31.6

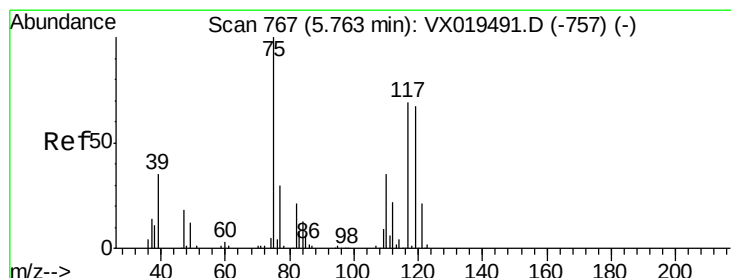
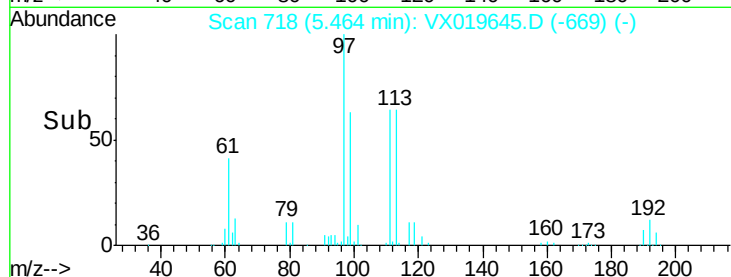
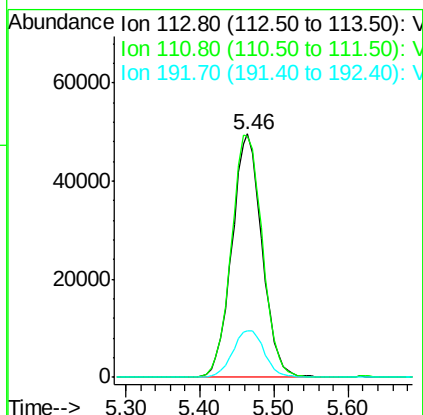
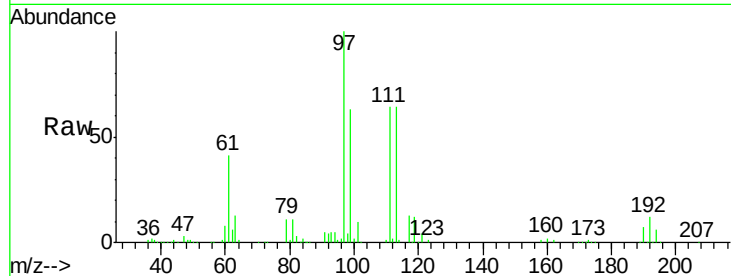




#35
 Dibromofluoromethane
 Concen: 49.758 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

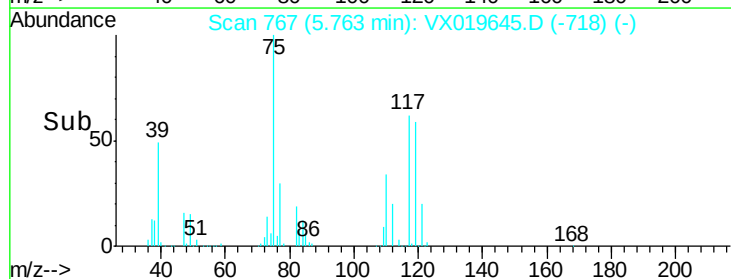
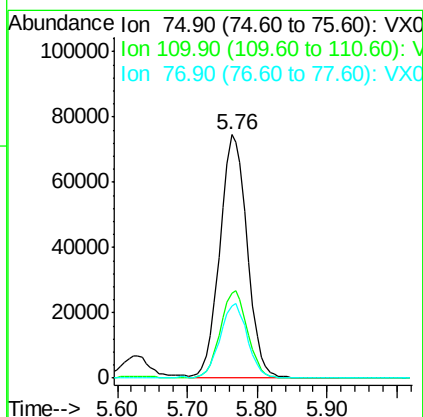
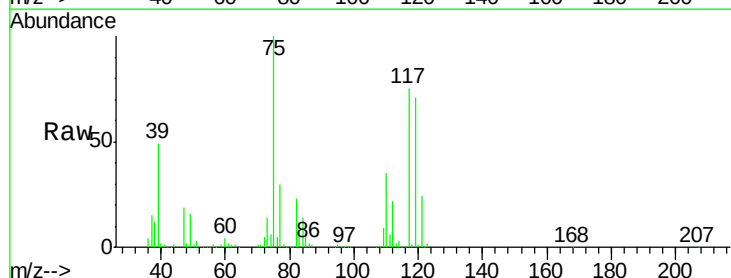
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

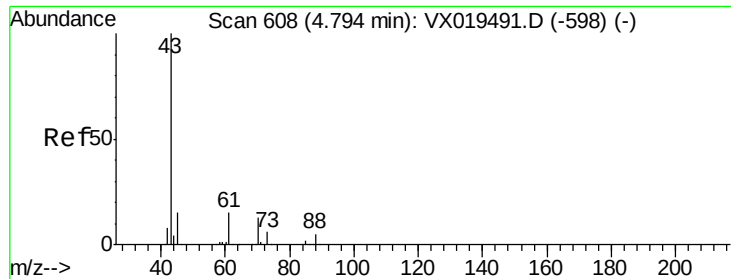
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	20.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 48.186 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.3
77	30.7	24.2	36.4

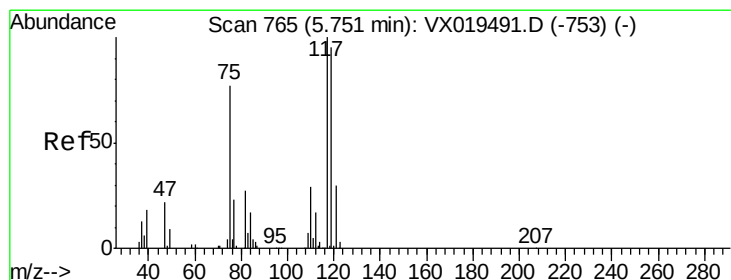
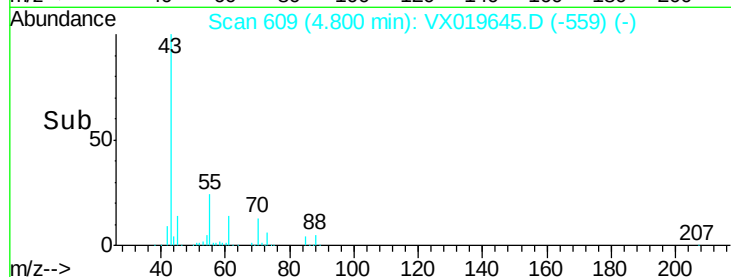
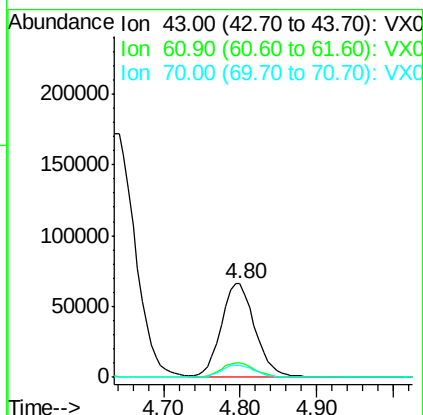
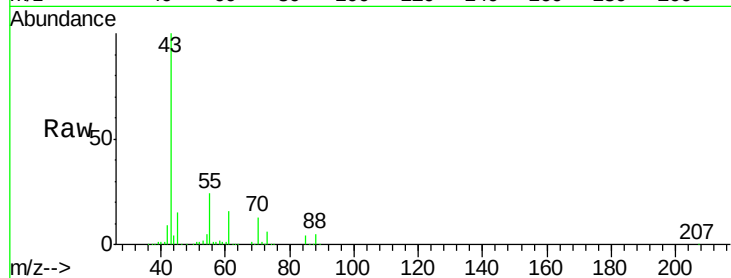




#37
Ethyl Acetate
Concen: 51.059 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

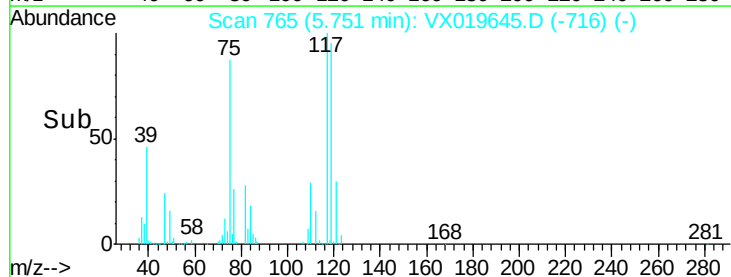
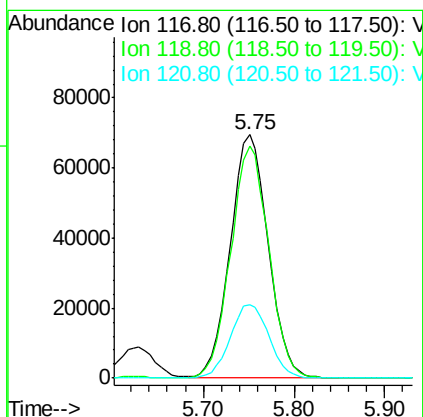
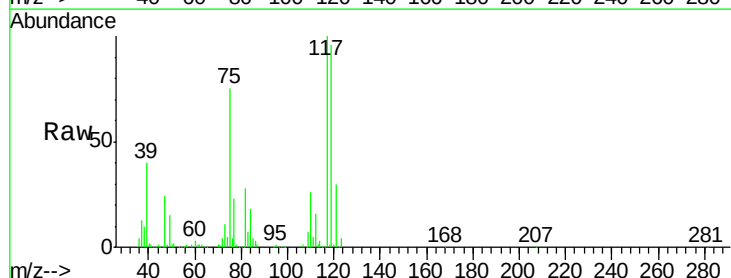
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

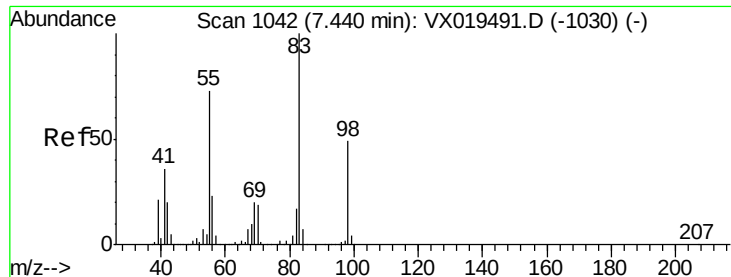
Tot Ion: 43 Resp: 201681
Ion Ratio Lower Upper
43 100
61 15.4 12.7 19.1
70 13.1 10.2 15.2



#38
Carbon Tetrachloride
Concen: 49.378 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 117 Resp: 201095
Ion Ratio Lower Upper
117 100
119 95.5 75.9 113.9
121 30.1 24.0 36.0

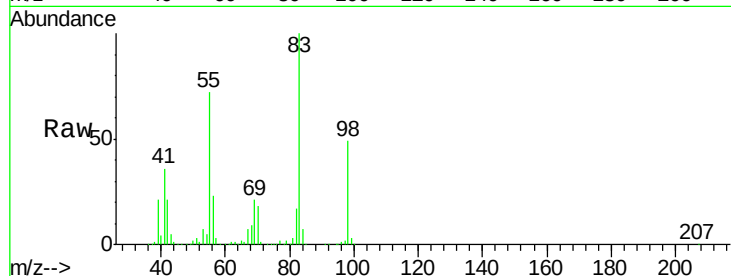




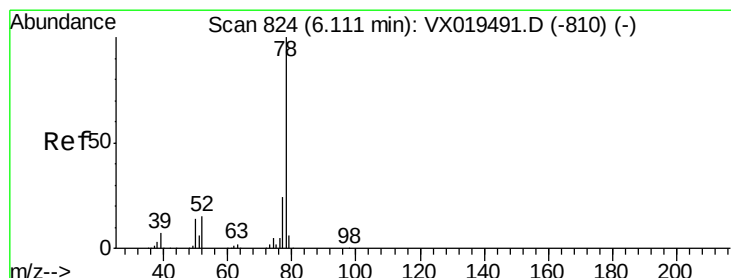
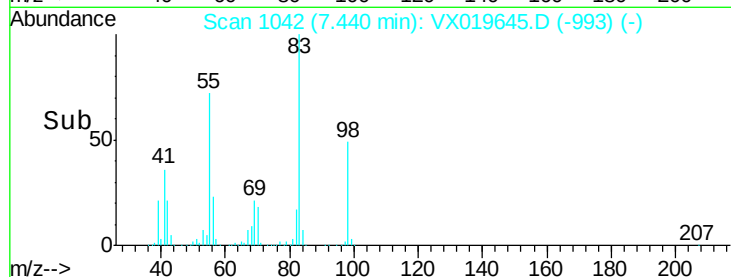
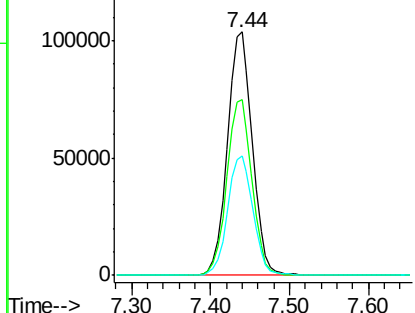
#39
Methylvlcyclohexane
Concen: 46.442 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 227521
Ion Ratio Lower Upper
83 100
55 72.1 58.3 87.5
98 48.9 38.9 58.3

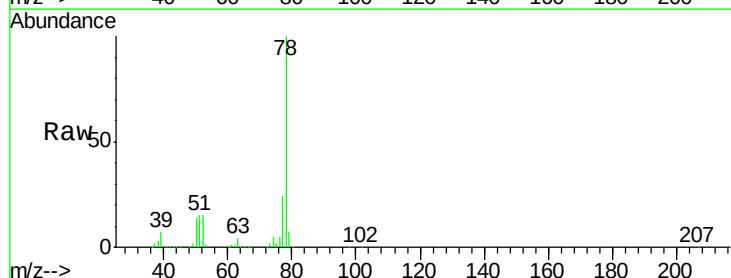


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

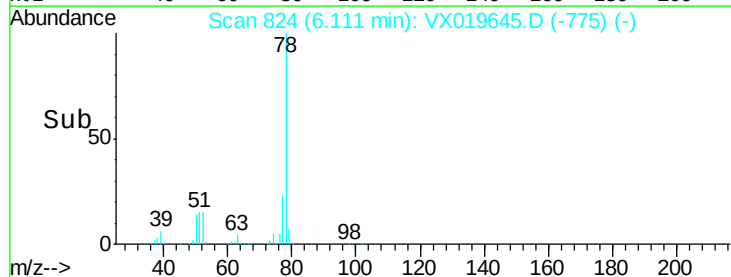
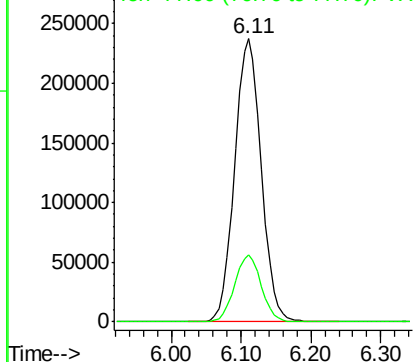


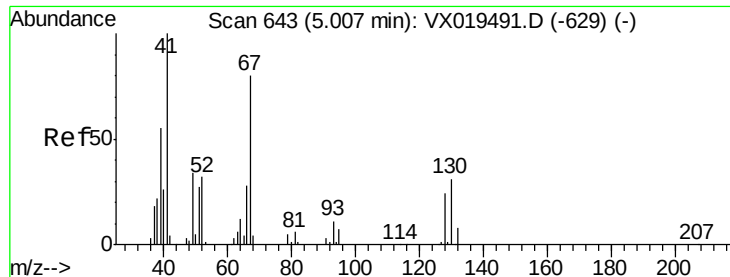
#40
Benzene
Concen: 48.347 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 78 Resp: 625012
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



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





#41

Methacrylonitrile

Concen: 51.507 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 112194

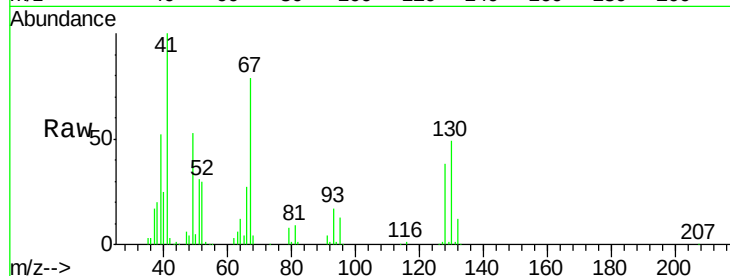
Ion Ratio Lower Upper

41 100

39 52.0 43.3 64.9

67 83.6 66.0 99.0

52 31.6 25.4 38.2

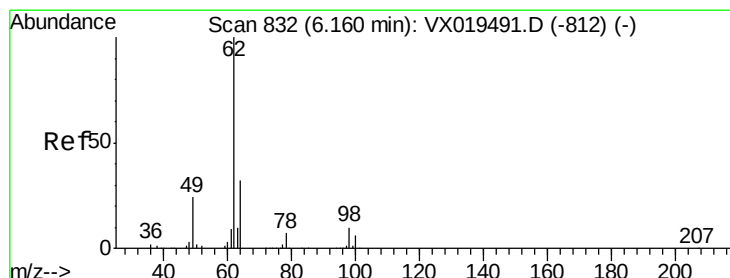
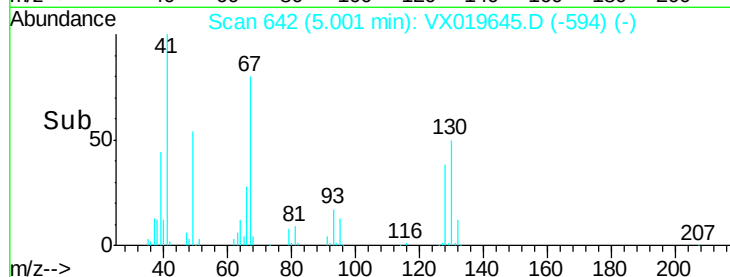
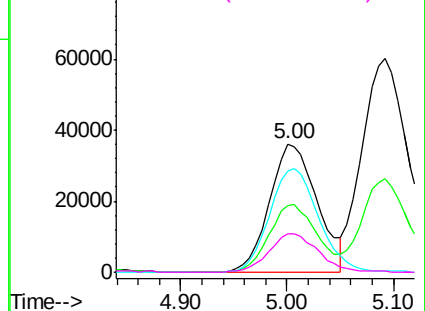


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.099 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019645.D

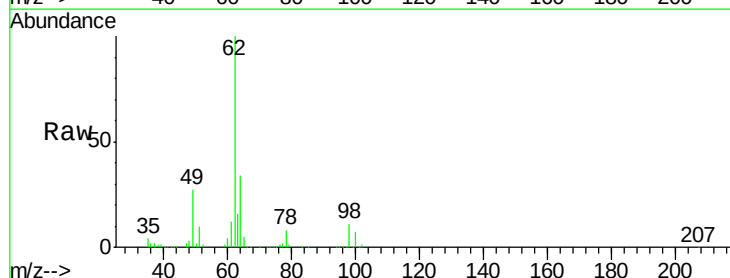
Acq: 25 Nov 2020 07:24

Tgt Ion: 62 Resp: 217557

Ion Ratio Lower Upper

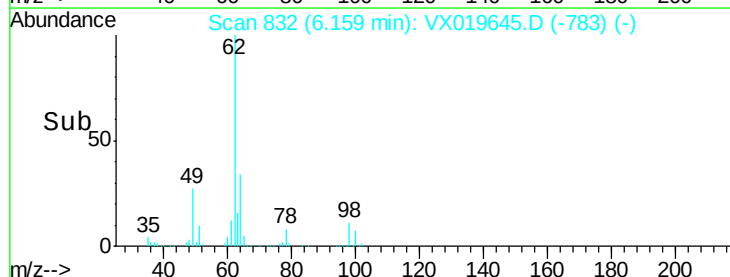
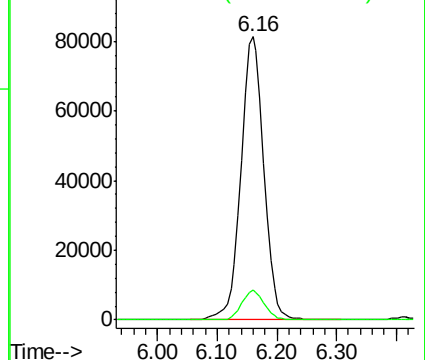
62 100

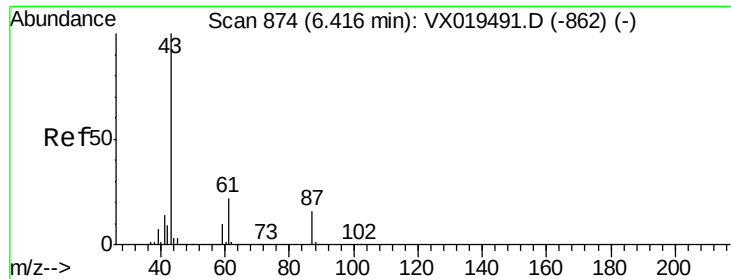
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



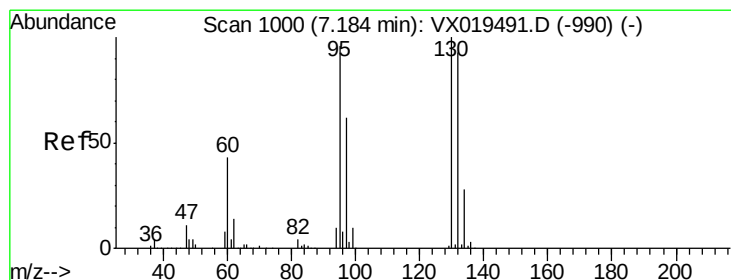
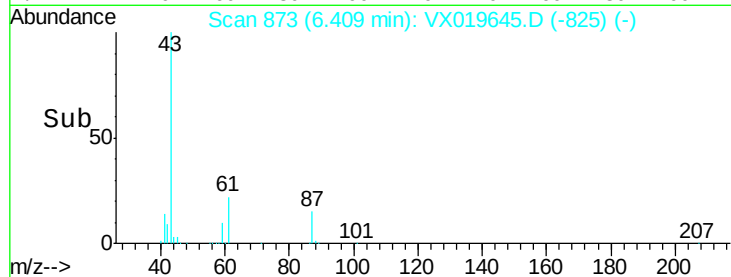
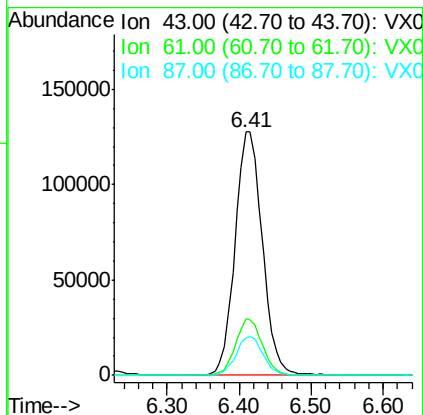
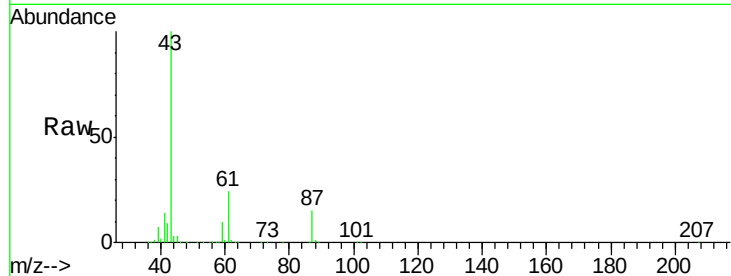


#43

Isopropyl Acetate
 Concen: 50.451 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

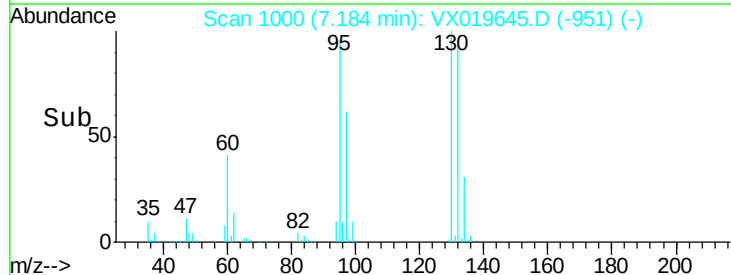
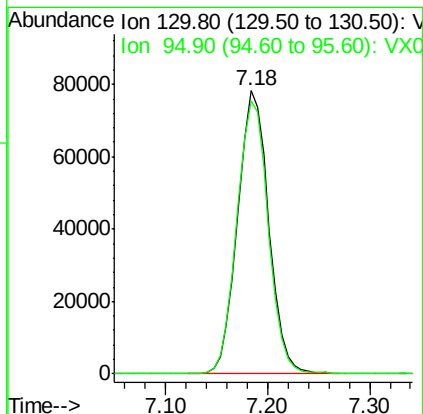
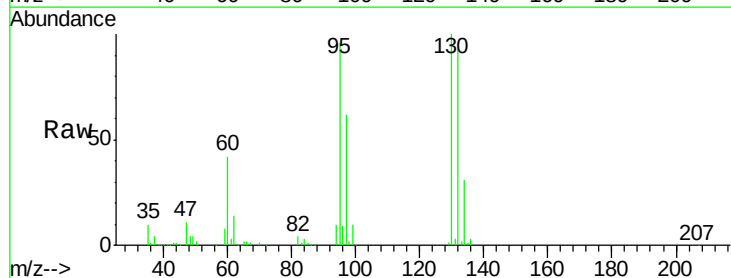
Tot Ion: 43 Resp: 334991
 Ion Ratio Lower Upper
 43 100
 61 23.0 18.2 27.2
 87 15.8 12.6 18.8

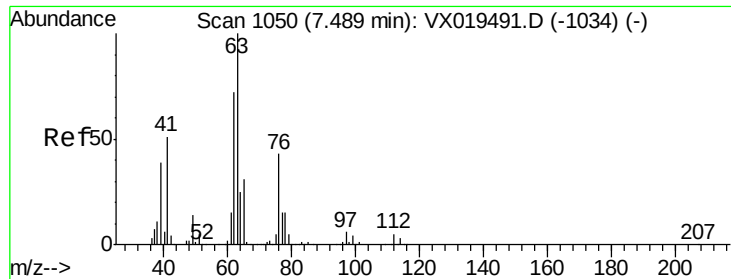


#44

Trichloroethene
 Concen: 48.877 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion:130 Resp: 165509
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 191.2

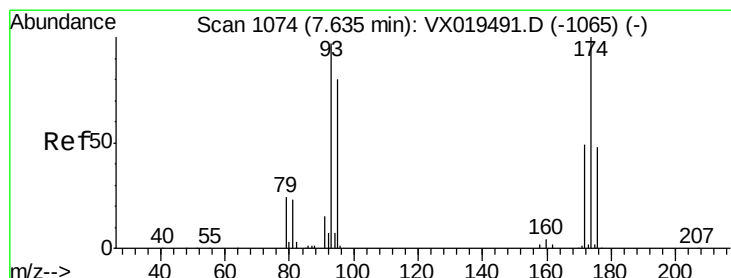
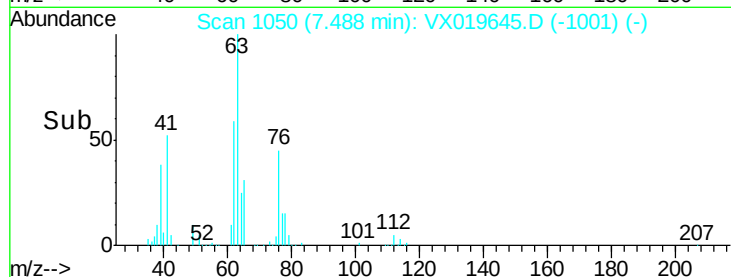
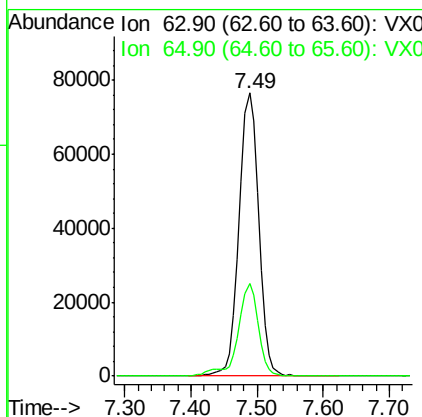
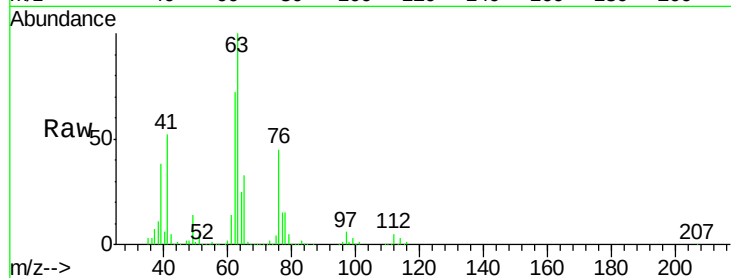




#45
 1,2-Dichloropropane
 Concen: 49.854 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

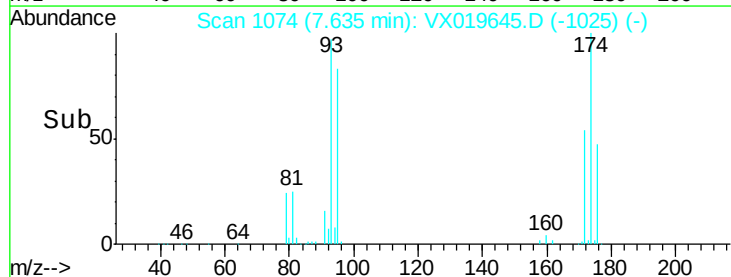
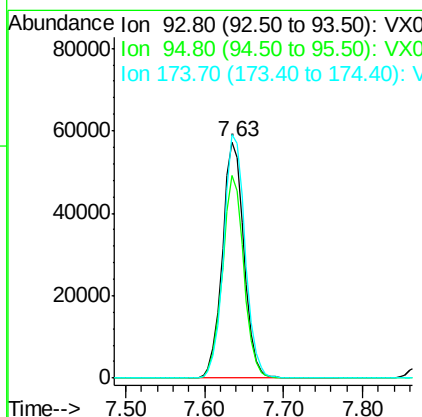
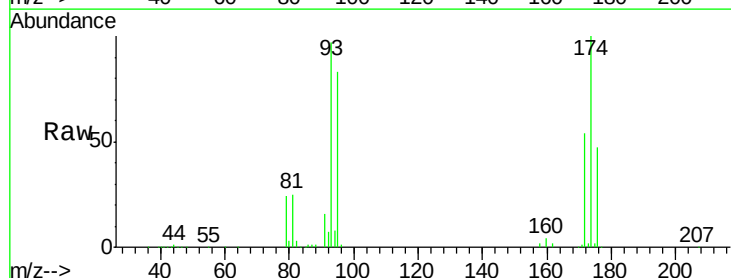
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

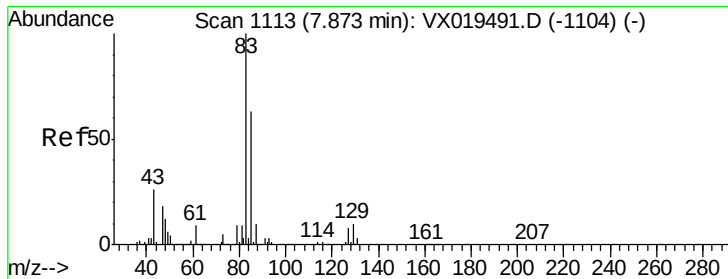
Tot Ion: 63 Resp: 158663
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.0 37.4



#46
 Dibromomethane
 Concen: 49.898 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 93 Resp: 108689
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.8 100.2
 174 102.8 83.0 124.4





#47

Bromodichloromethane

Concen: 51.568 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

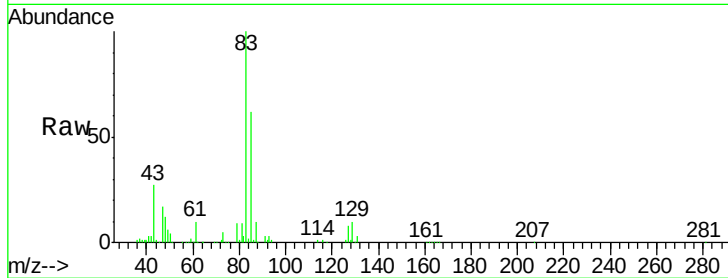
Tot Ion: 83 Resp: 217965

Ion Ratio Lower Upper

83 100

85 62.5 50.2 75.2

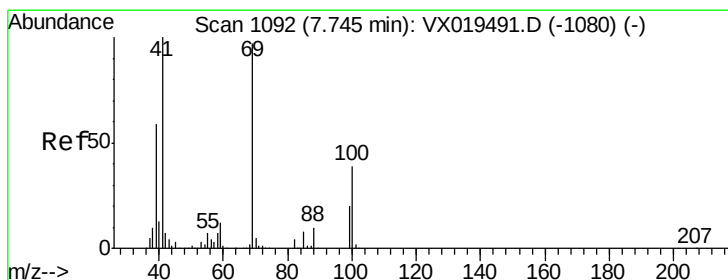
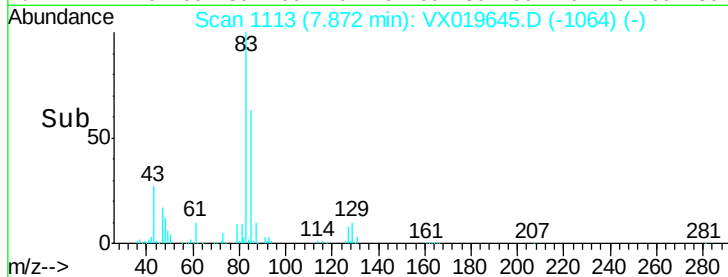
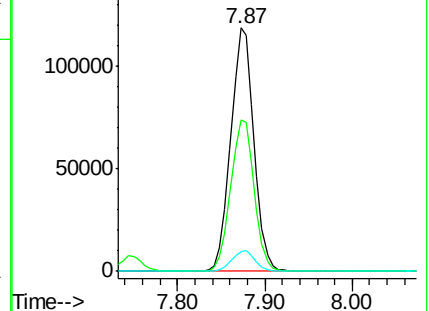
127 8.0 6.4 9.6



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: 53.397 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

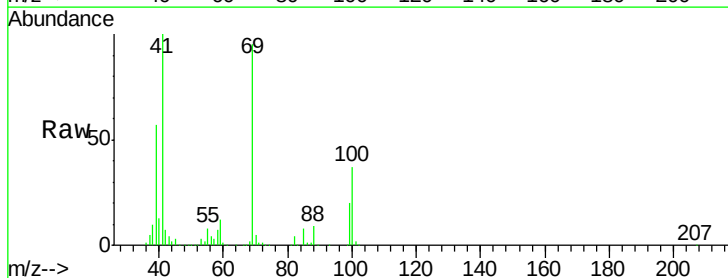
Tgt Ion: 41 Resp: 166046

Ion Ratio Lower Upper

41 100

69 96.3 77.0 115.6

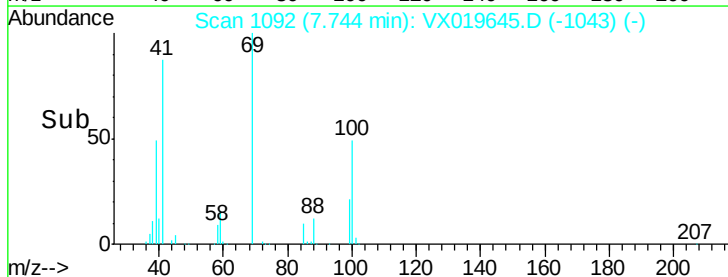
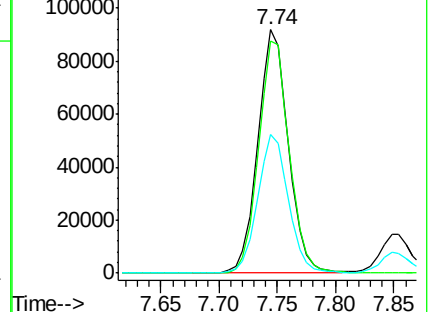
39 57.2 45.6 68.4

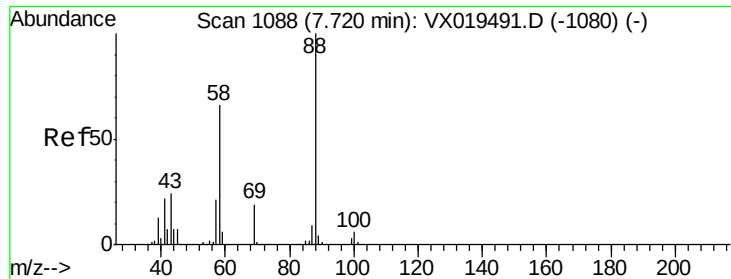


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

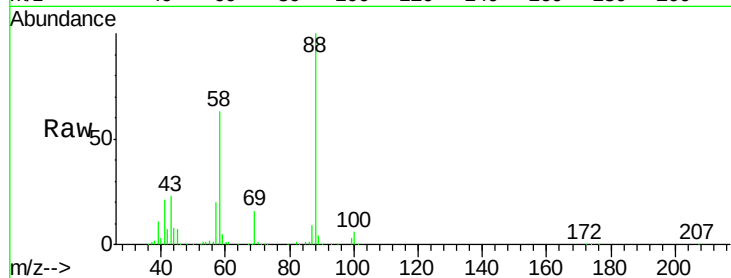




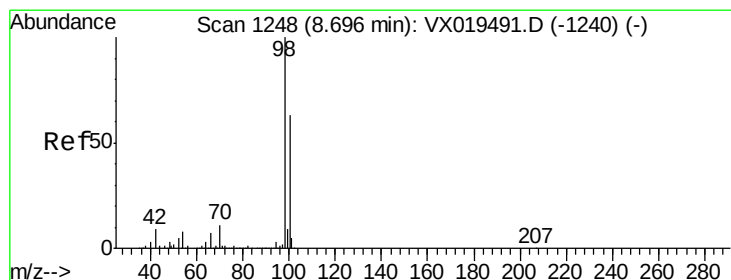
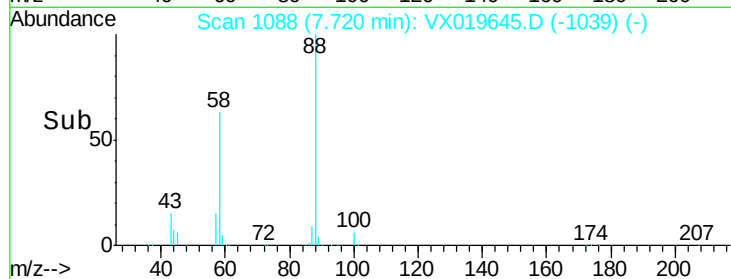
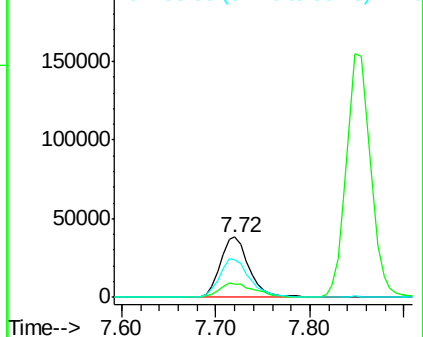
#49
1,4-Dioxane
Concen: 1162.213 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 82059
Ion Ratio Lower Upper
88 100
43 28.0 23.8 35.6
58 66.9 54.2 81.2

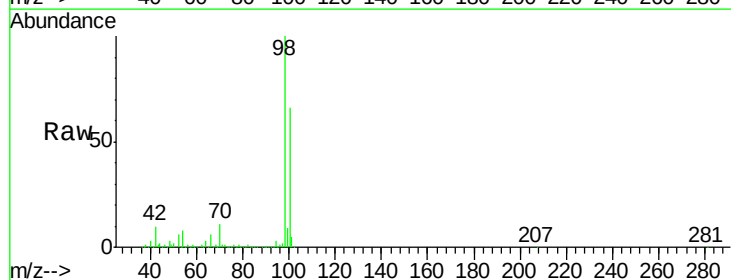


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

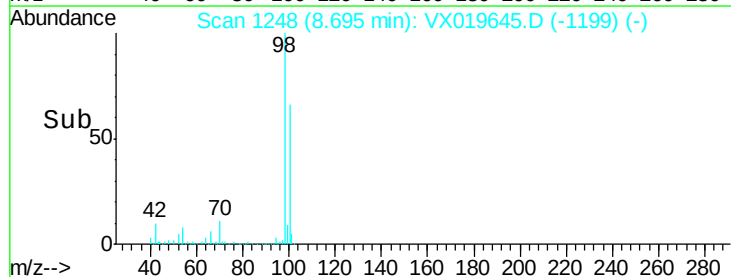
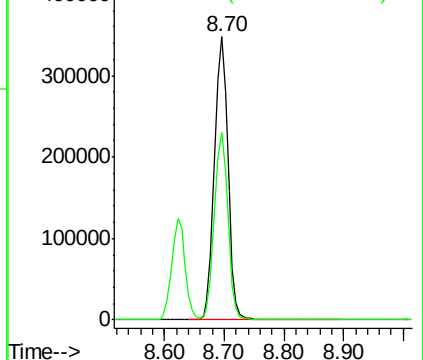


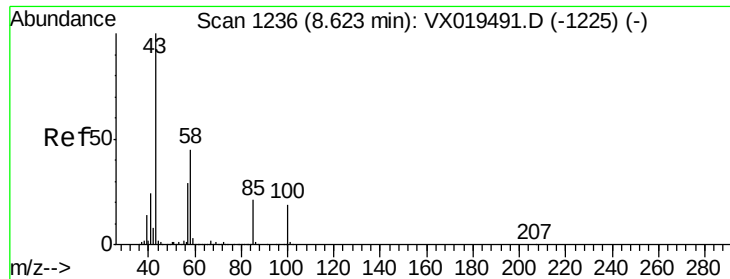
#50
Toluene-d8
Concen: 49.475 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 98 Resp: 541602
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



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

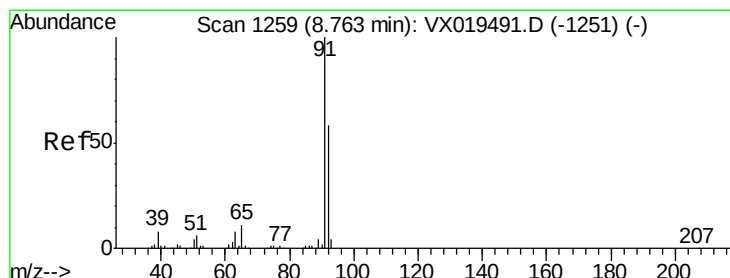
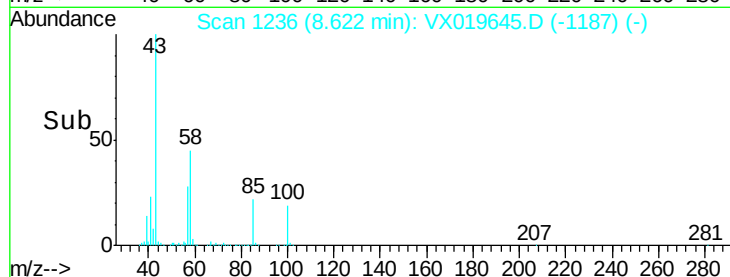
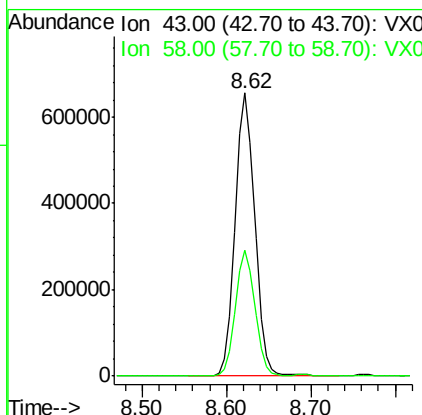
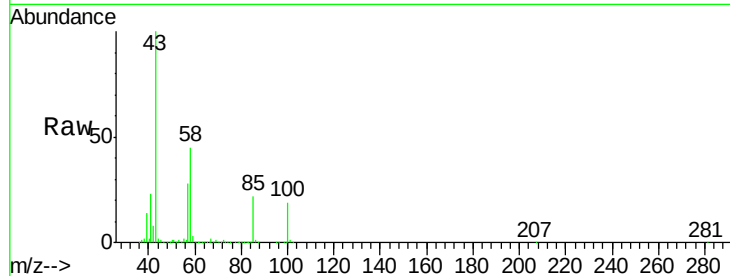




#51
 4-Methyl-2-Pentanone
 Concen: 266.662 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

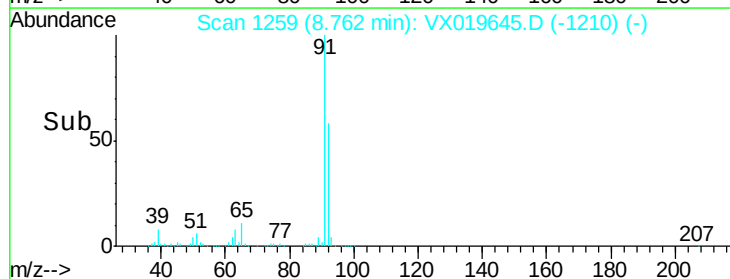
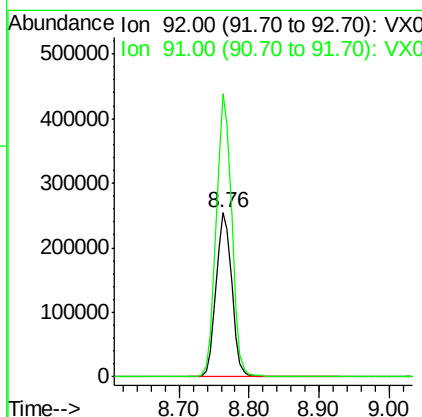
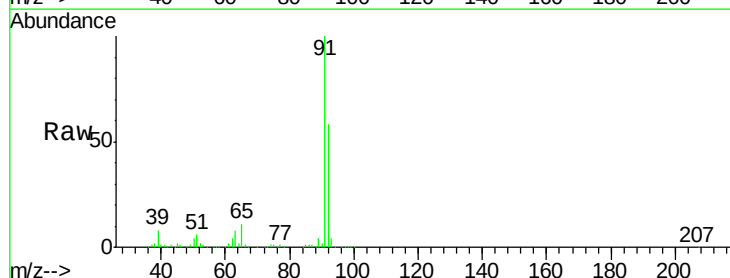
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

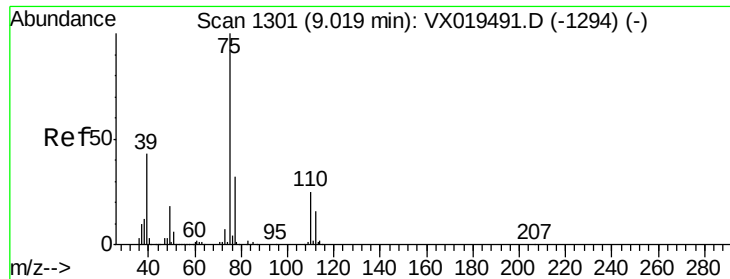
Tot Ion: 43 Resp: 1032501
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.1 52.7



#52
 Toluene
 Concen: 50.316 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 92 Resp: 397919
 Ion Ratio Lower Upper
 92 100
 91 170.3 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 50.306 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

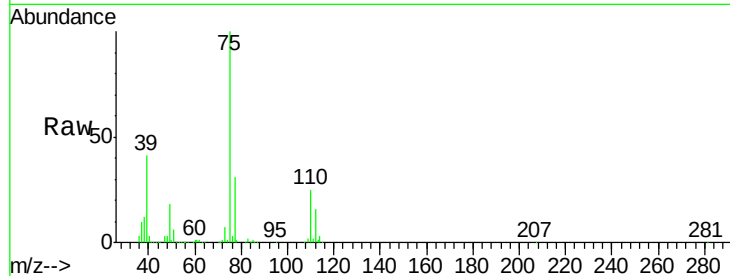
VSTDCCC050EC

Tot Ion: 75 Resp: 229635

Ion Ratio Lower Upper

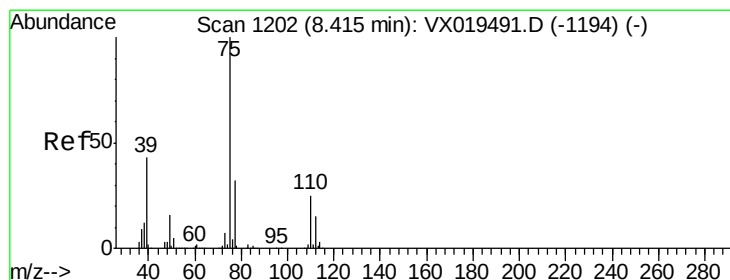
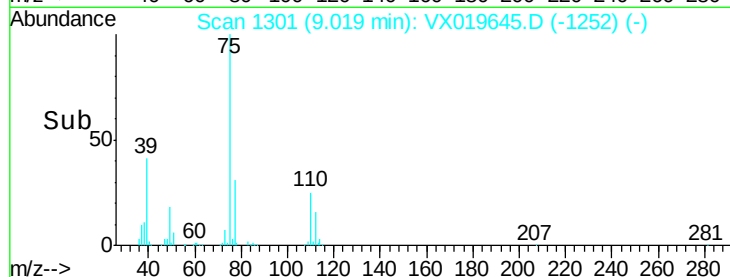
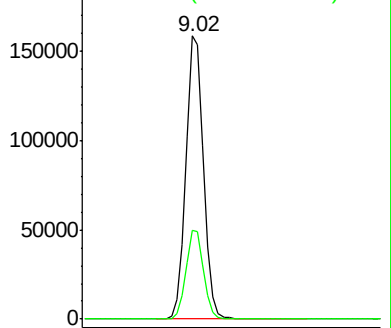
75 100

77 31.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.871 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

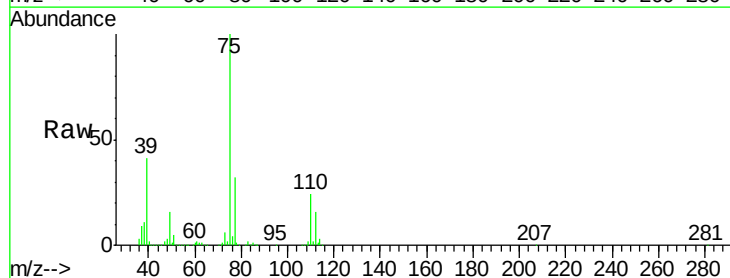
Tgt Ion: 75 Resp: 252637

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

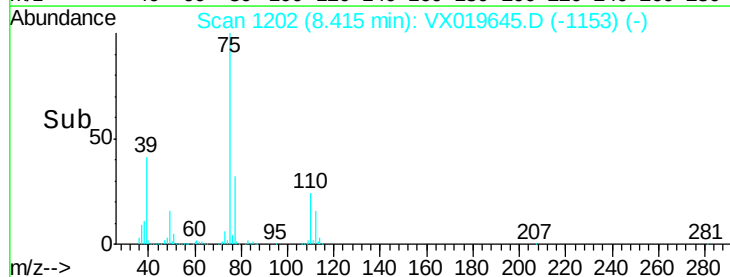
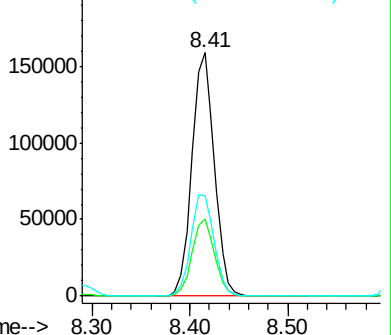
39 41.3 34.6 51.8

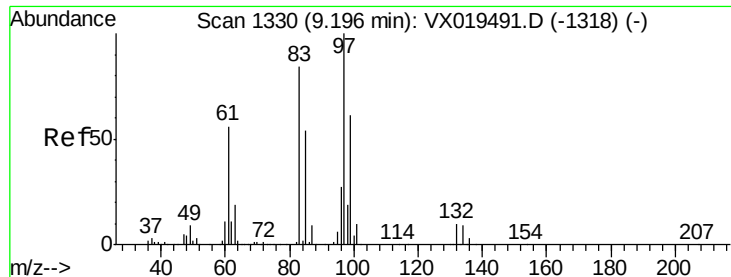


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

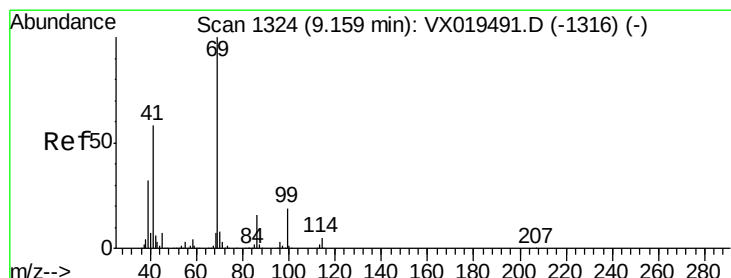
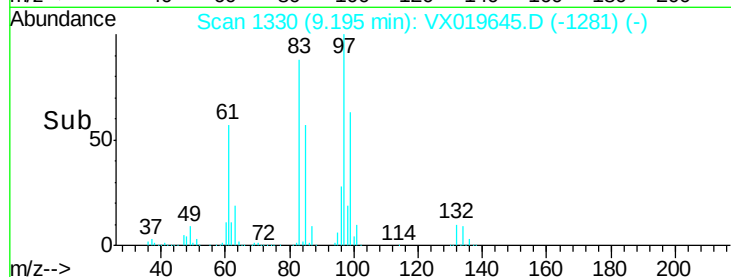
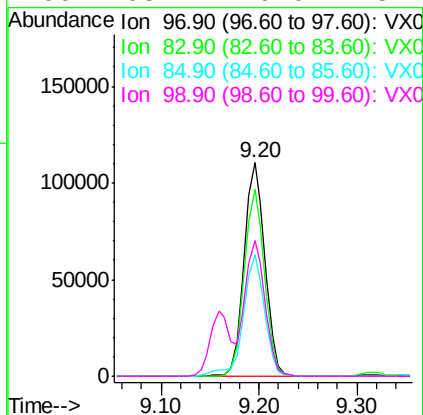
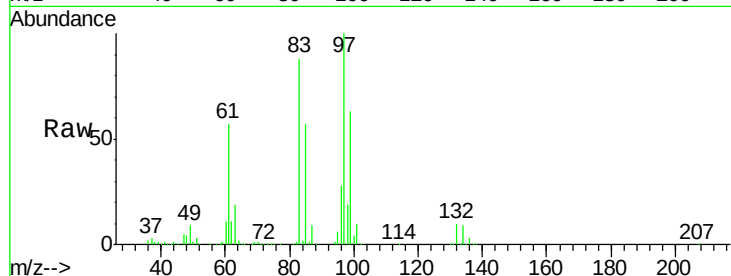




#55
 1,1,2-Trichloroethane
 Concen: 50.594 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

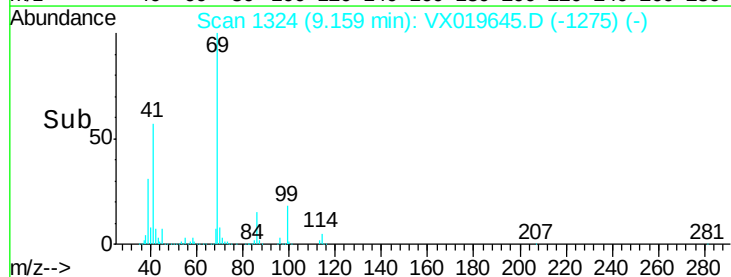
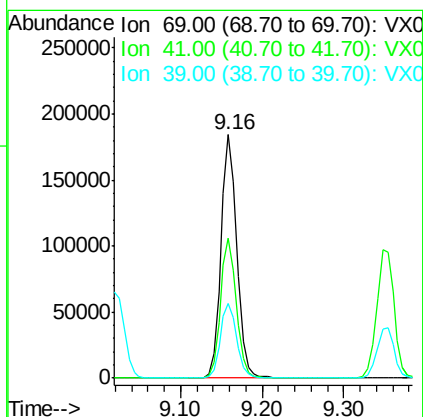
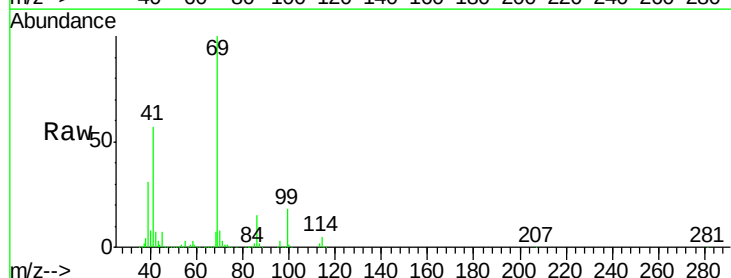
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

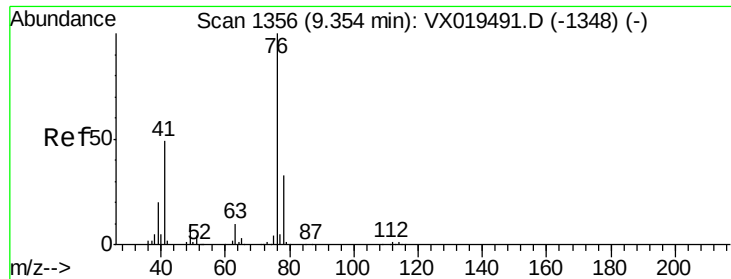
Tot Ion:	97	Resp:	162954
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.0	100.6
85	56.8	43.4	65.0
99	63.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.864 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion:	69	Resp:	250042
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.2	69.2
39	31.6	25.5	38.3





#57

1,3-Dichloropropane

Concen: 51.556 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

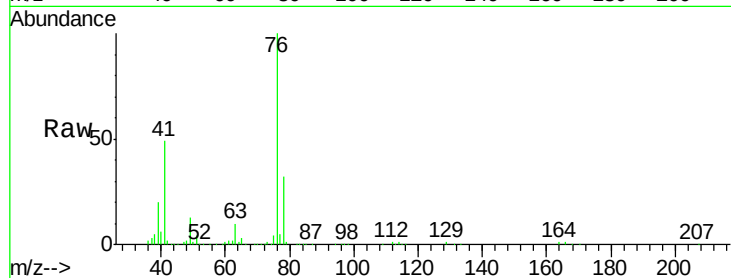
VSTDCCC050EC

Tot Ion: 76 Resp: 278006

Ion Ratio Lower Upper

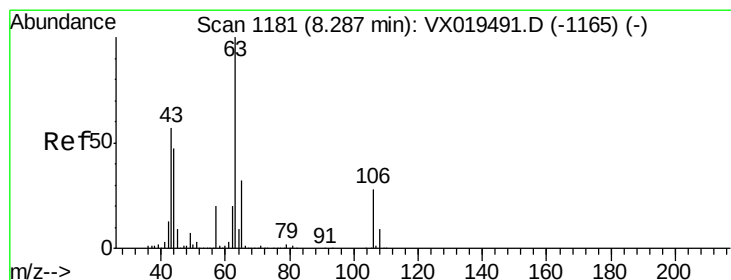
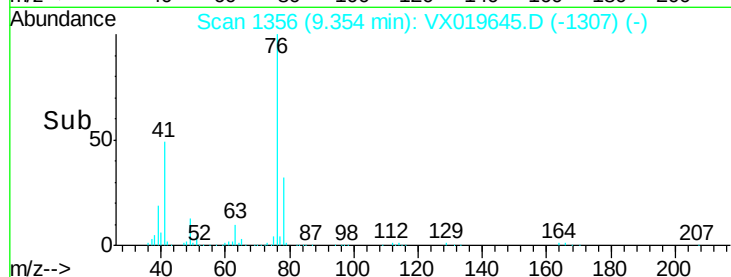
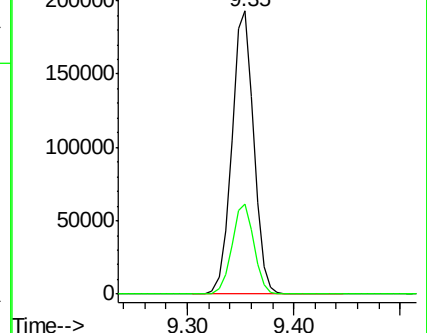
76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 247.222 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019645.D

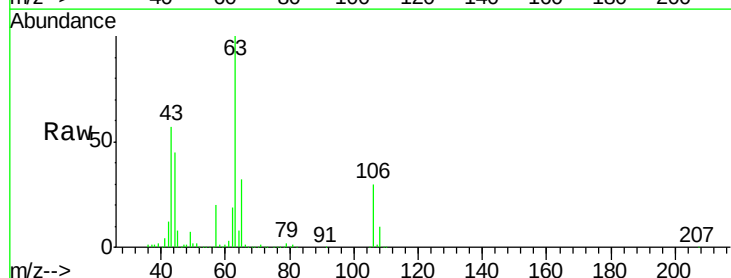
Acq: 25 Nov 2020 07:24

Tgt Ion: 63 Resp: 660203

Ion Ratio Lower Upper

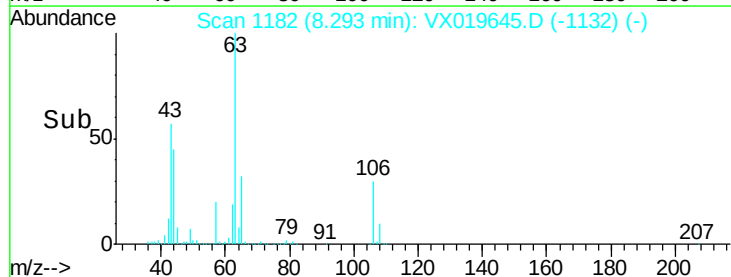
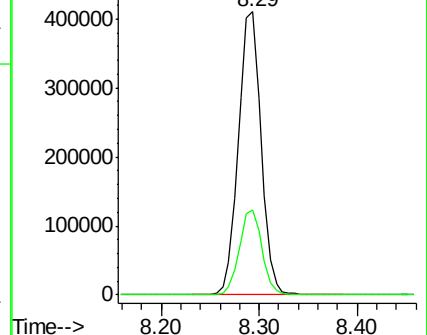
63 100

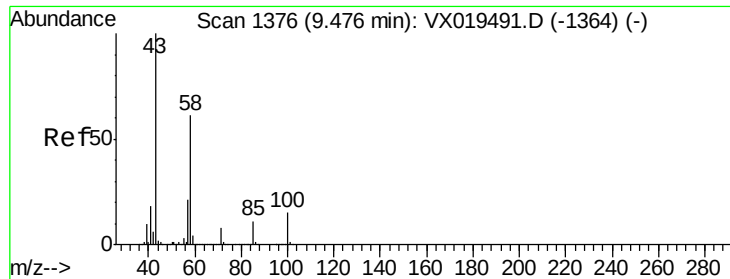
106 30.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

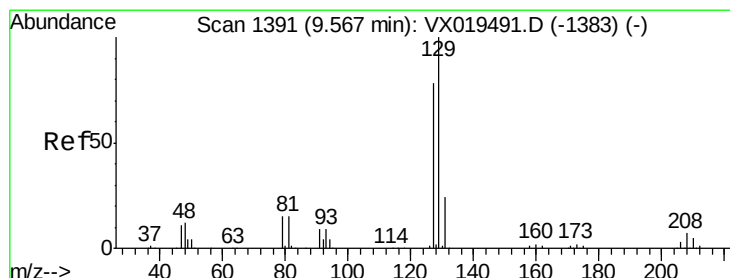
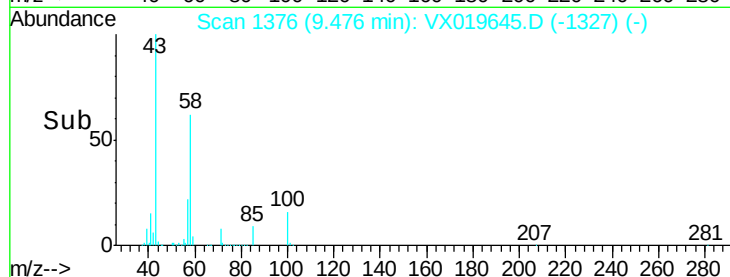
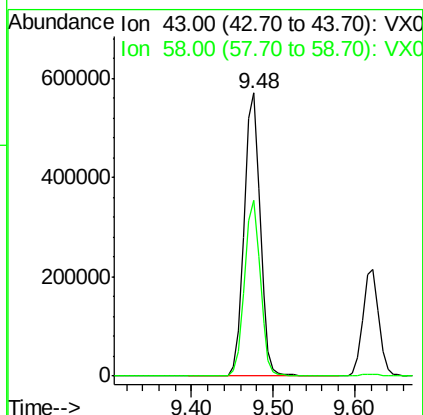
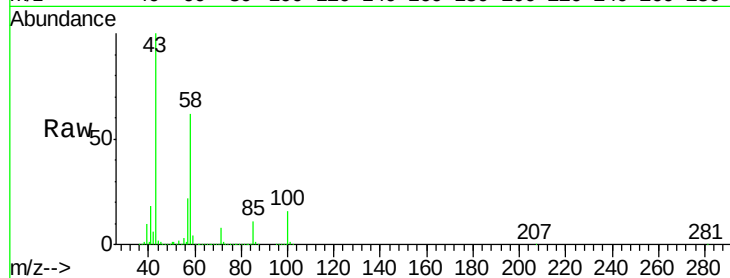




#59
2-Hexanone
Concen: 263.093 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

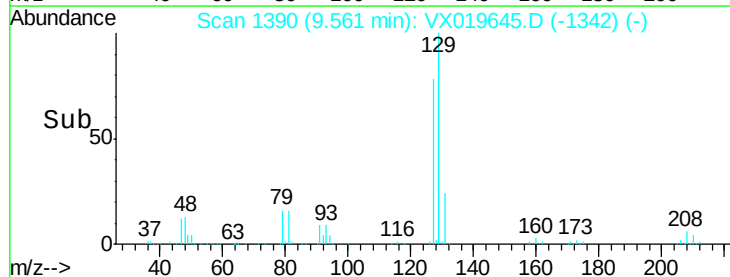
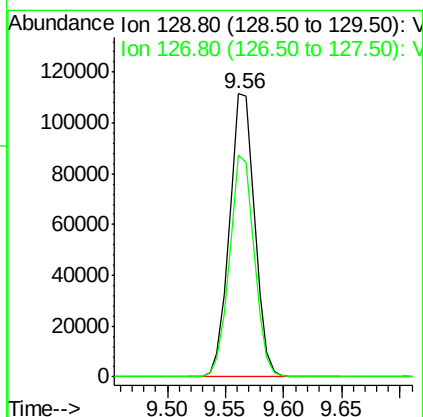
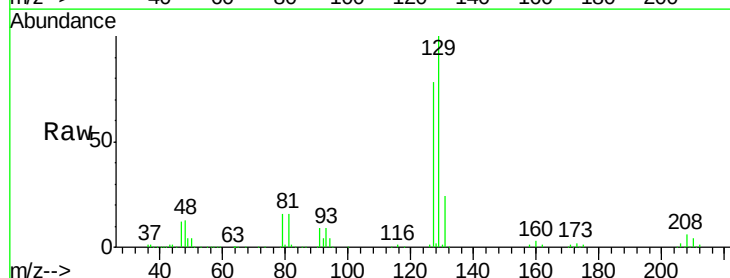
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

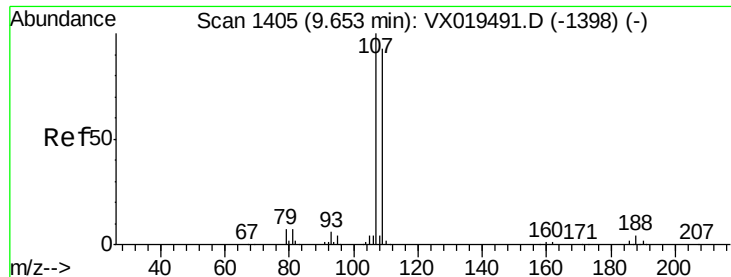
Tot Ion: 43 Resp: 772593
Ion Ratio Lower Upper
43 100
58 61.7 30.6 91.6



#60
Dibromochloromethane
Concen: 53.472 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 129 Resp: 168693
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 51.601 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

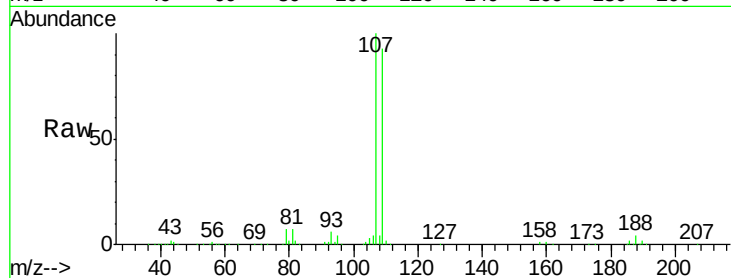
VSTDCCC050EC

Tot Ion:107 Resp: 171314

Ion Ratio Lower Upper

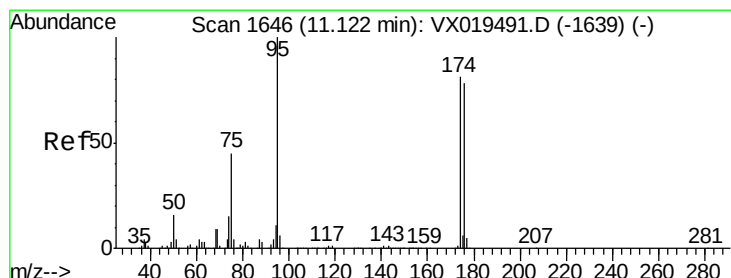
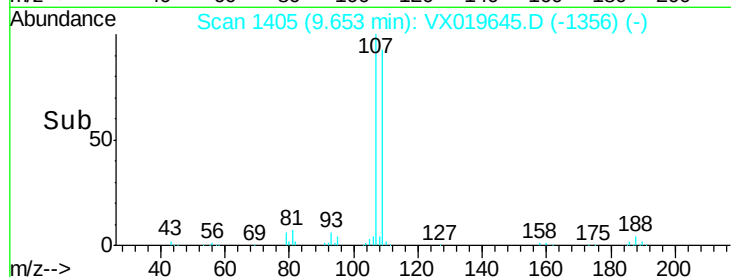
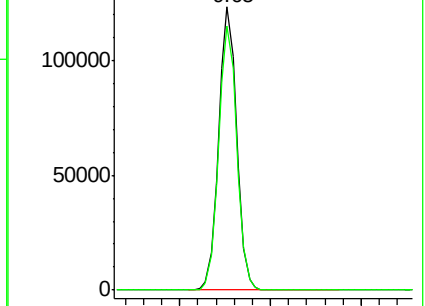
107 100

109 94.4 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.047 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

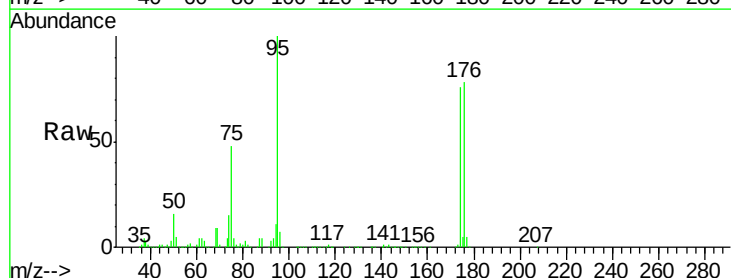
Tgt Ion: 95 Resp: 204992

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.2

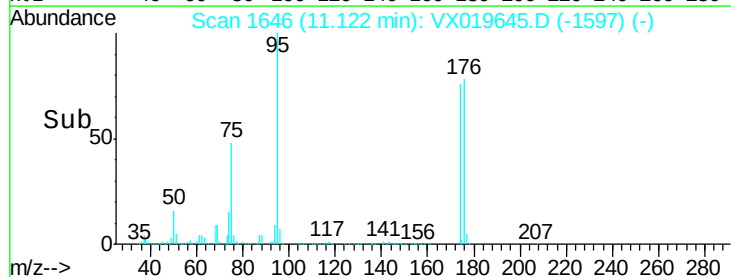
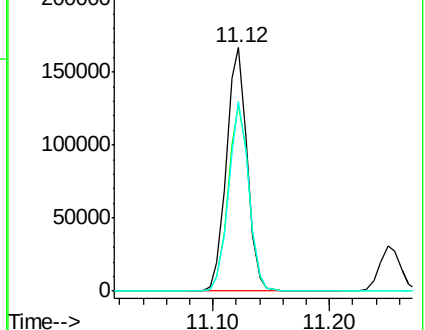
176 76.0 0.0 151.4

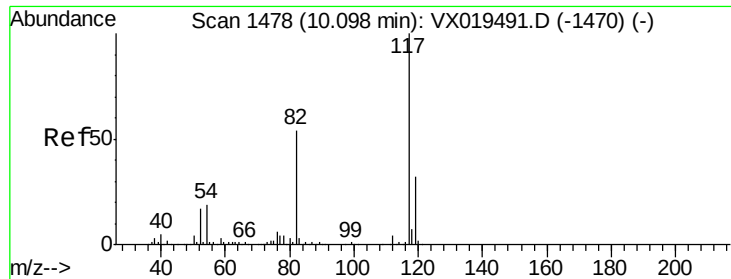


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

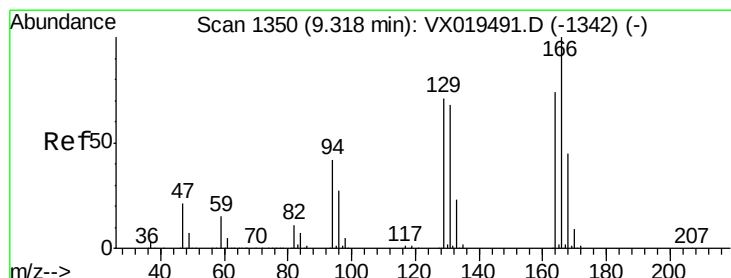
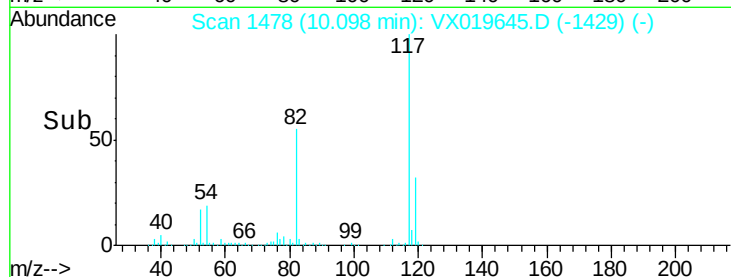
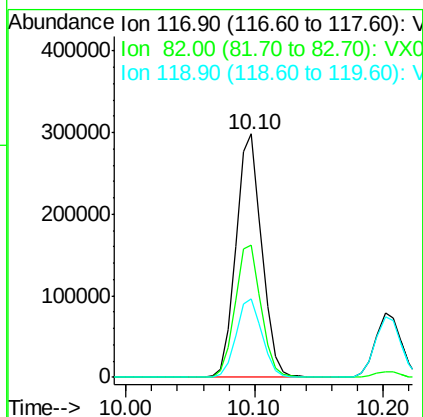
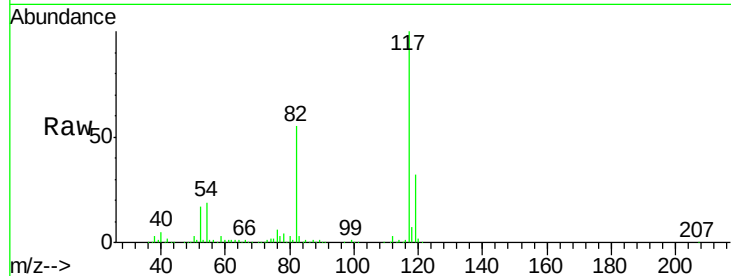




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

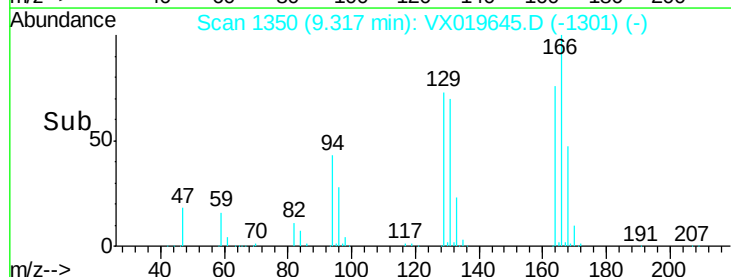
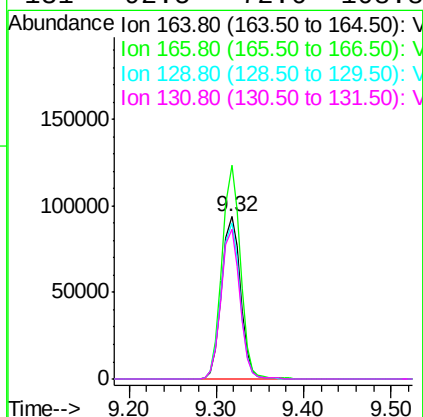
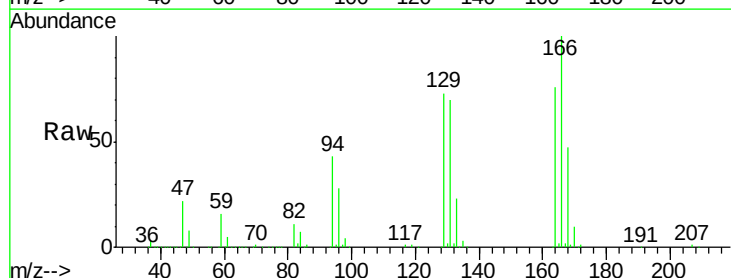
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

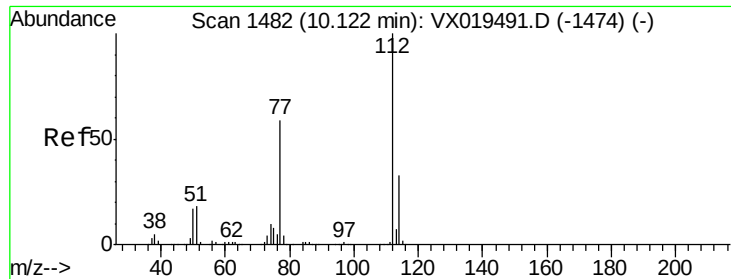
Tot Ion:117 Resp: 412922
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 43.317 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion:164 Resp: 140597
Ion Ratio Lower Upper
164 100
166 131.6 107.4 161.0
129 95.9 76.6 114.8
131 92.5 72.6 108.8

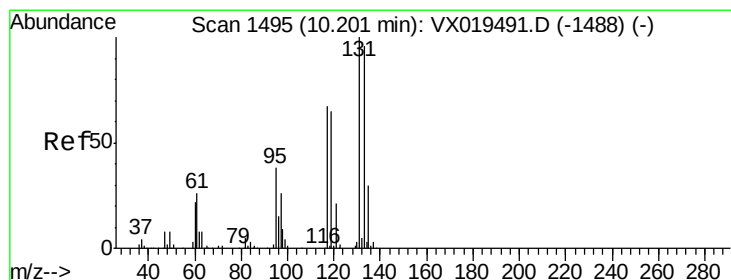
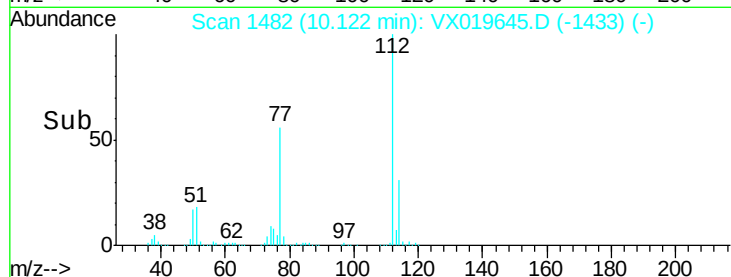
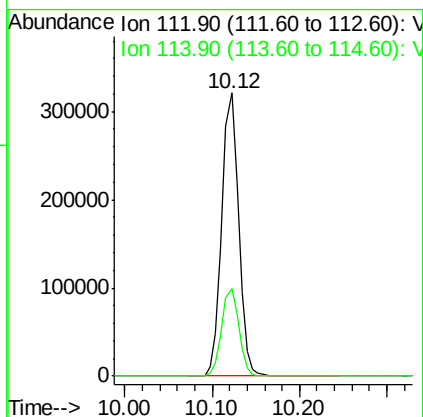
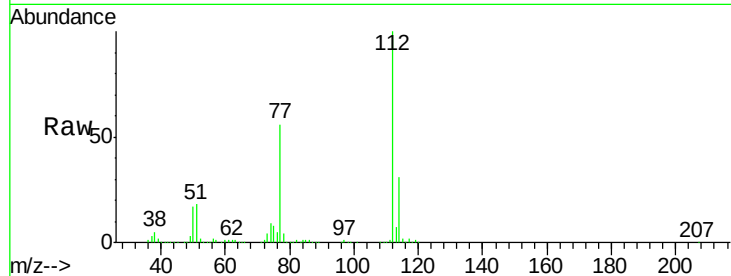




#65
Chlorobenzene
Concen: 50.366 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

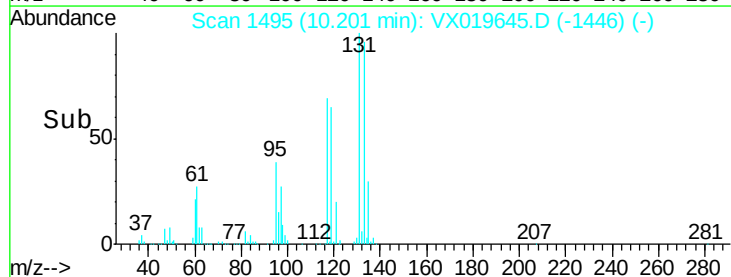
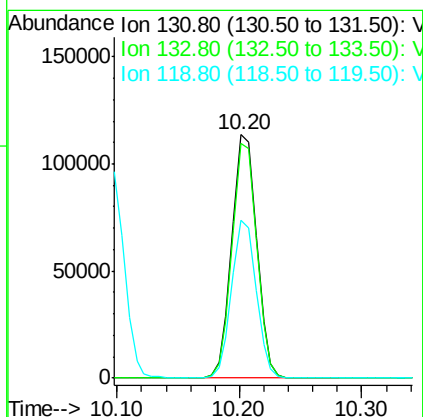
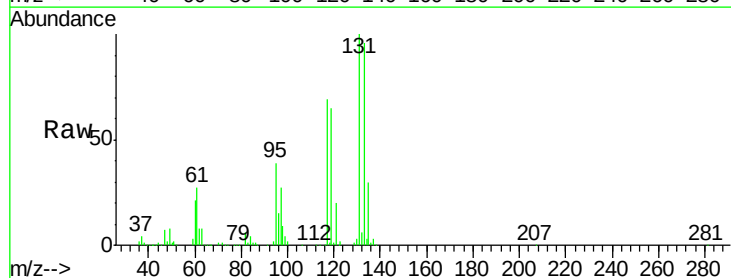
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

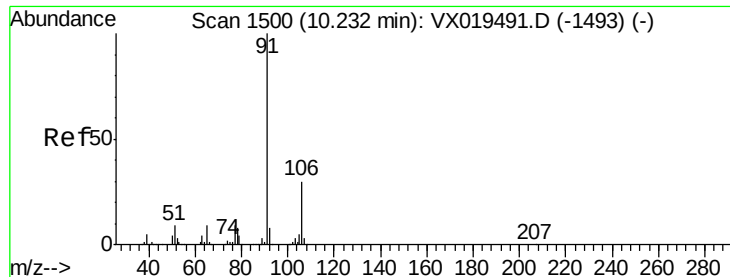
Tot Ion:112 Resp: 427596
Ion Ratio Lower Upper
112 100
114 31.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.698 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion:131 Resp: 159647
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 64.3 33.0 99.0





#67

Ethyl Benzene

Concen: 50.575 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

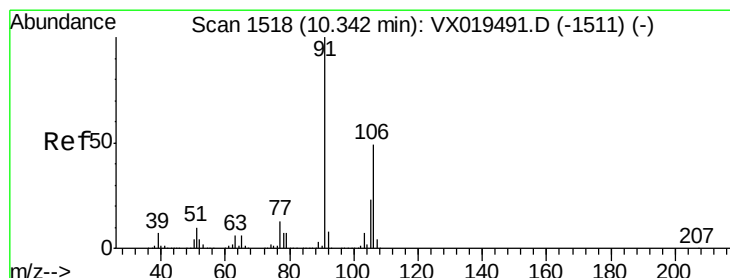
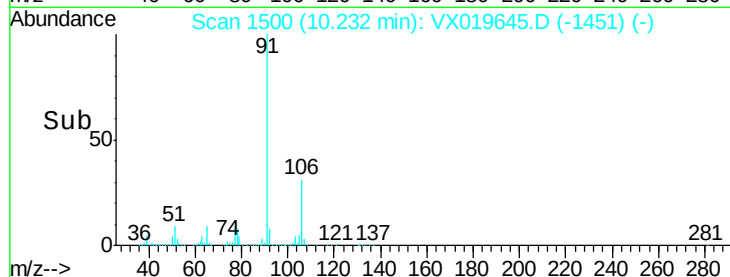
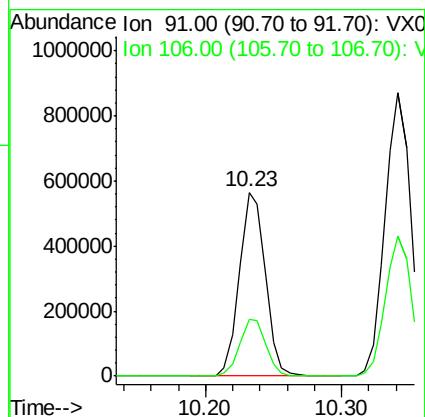
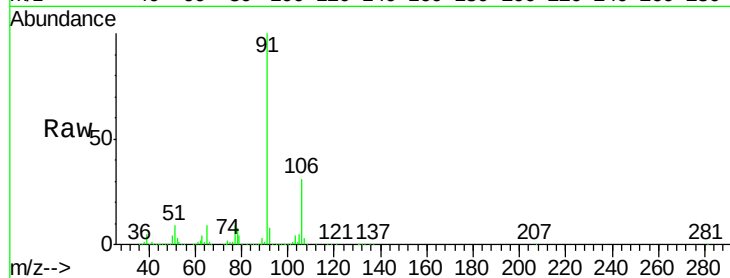
VSTDCCC050EC

Tot Ion: 91 Resp: 752190

Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



#68

m/p-Xylenes

Concen: 104.021 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019645.D

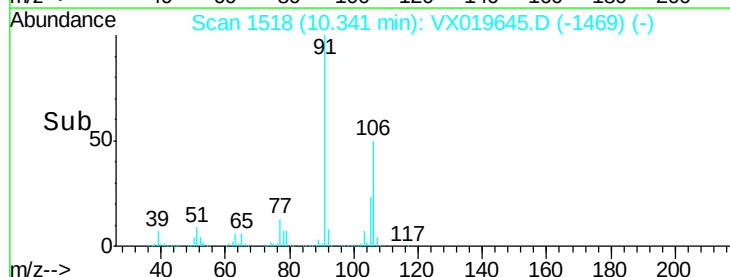
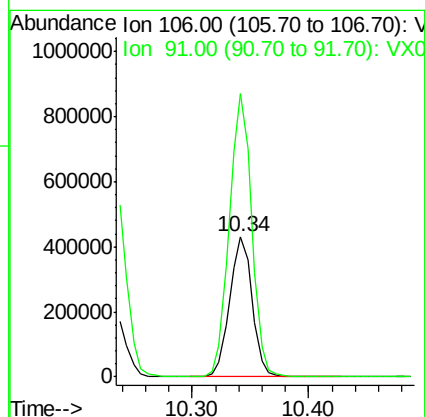
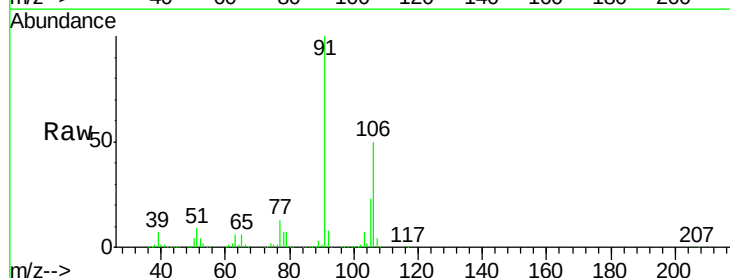
Acq: 25 Nov 2020 07:24

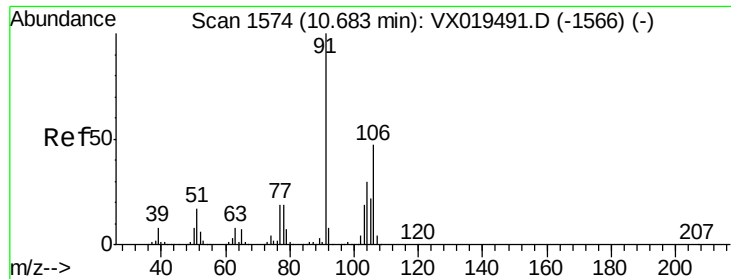
Tgt Ion: 106 Resp: 576385

Ion Ratio Lower Upper

106 100

91 201.8 163.3 244.9

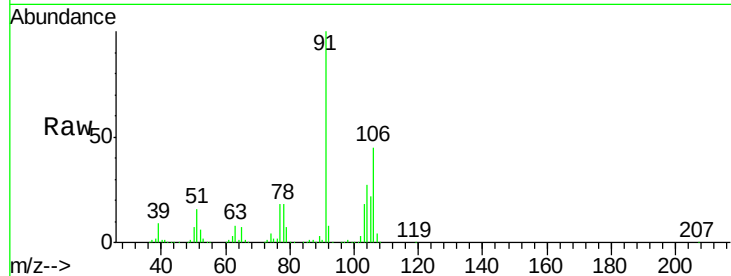




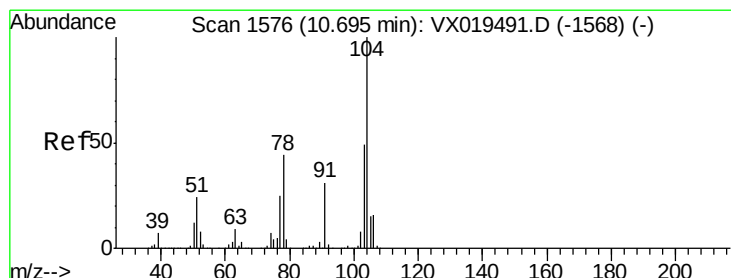
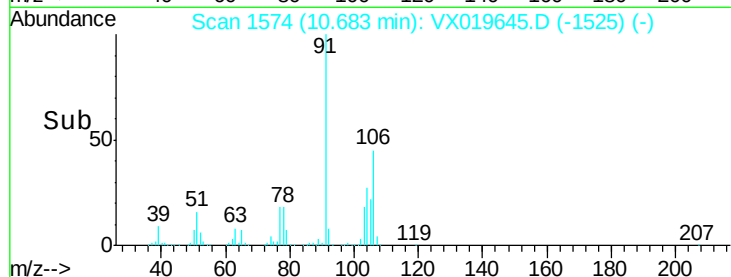
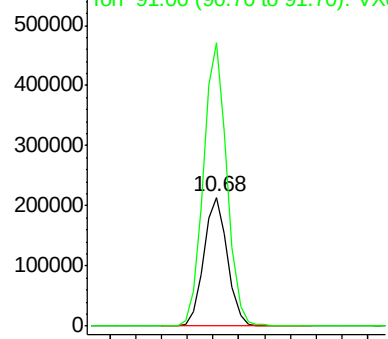
#69
o-Xylene
Concen: 51.996 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 275414
Ion Ratio Lower Upper
106 100
91 217.6 108.0 324.0

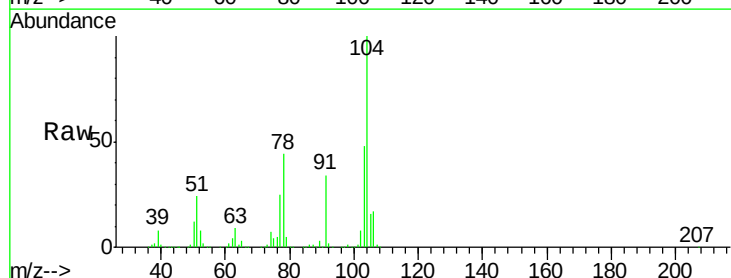


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

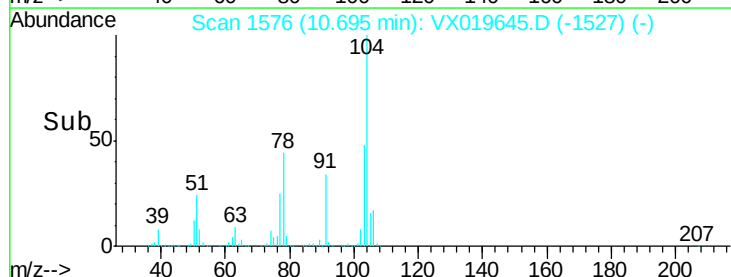
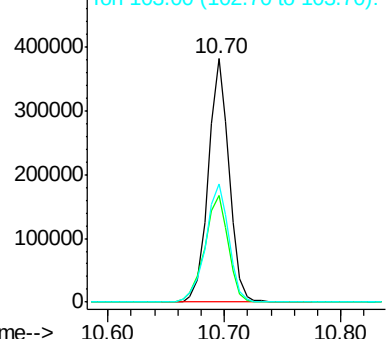


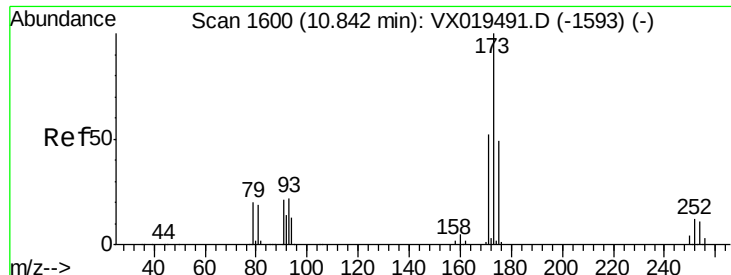
#70
Styrene
Concen: 48.386 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion:104 Resp: 473872
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 53.9 43.6 65.4



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





#71

Bromoform

Concen: 46.602 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

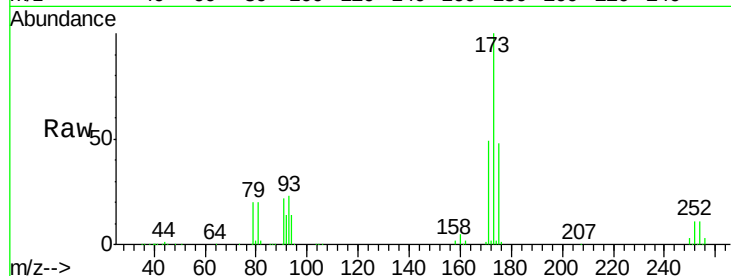
Tot Ion:173 Resp: 121217

Ion Ratio Lower Upper

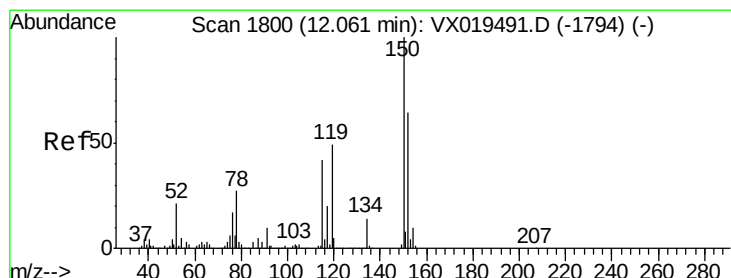
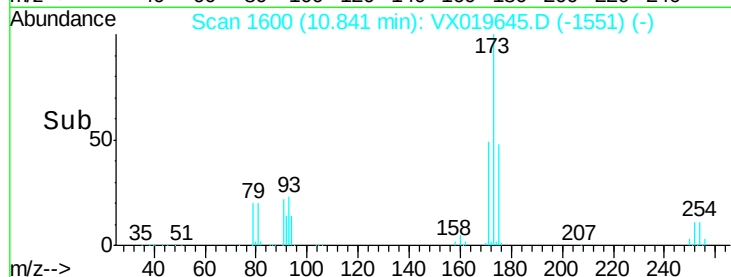
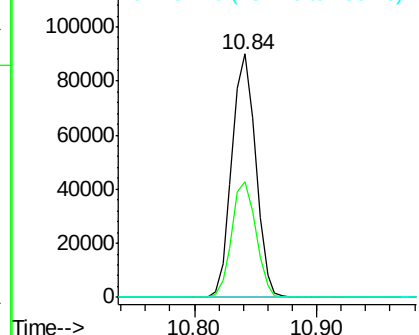
173 100

175 48.4 24.9 74.8

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: VX019645.D

Acq: 25 Nov 2020 07:24

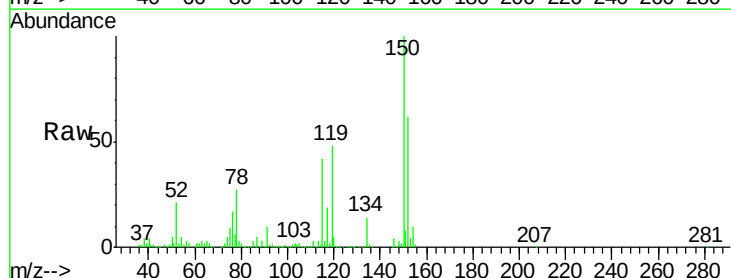
Tgt Ion:152 Resp: 199585

Ion Ratio Lower Upper

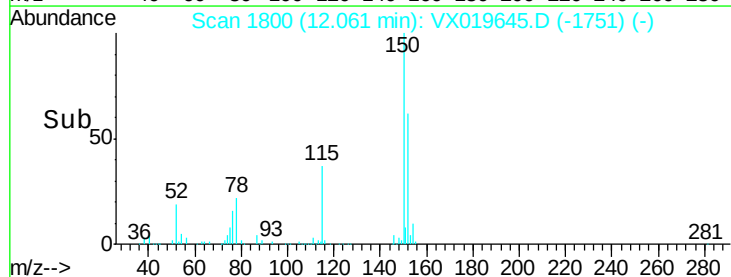
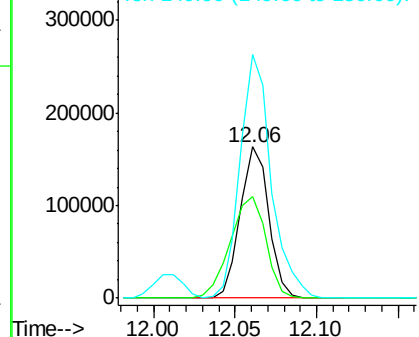
152 100

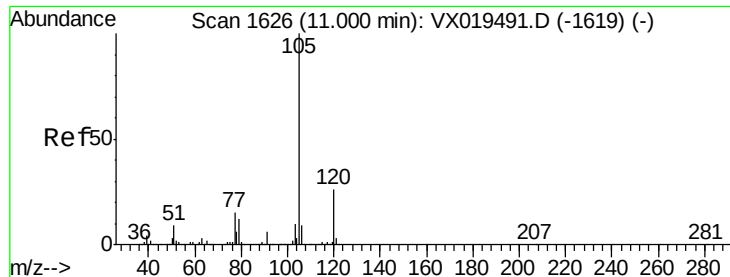
115 83.9 41.8 125.4

150 175.5 0.0 348.2



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: 53.088 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

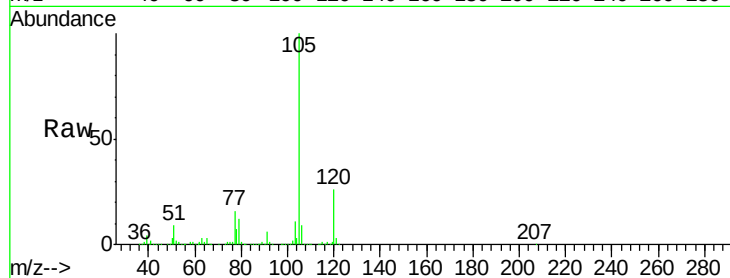
VSTDCCC050EC

Tot Ion:105 Resp: 732981

Ion Ratio Lower Upper

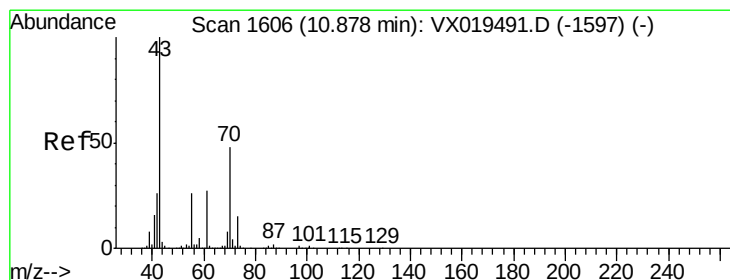
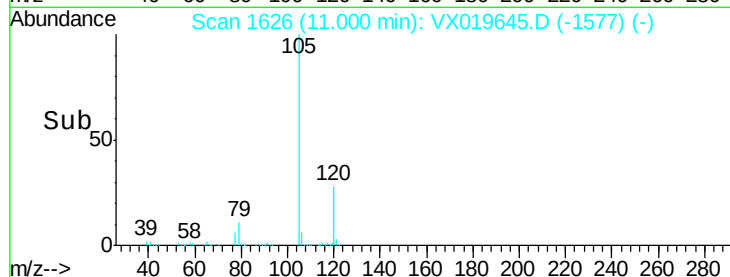
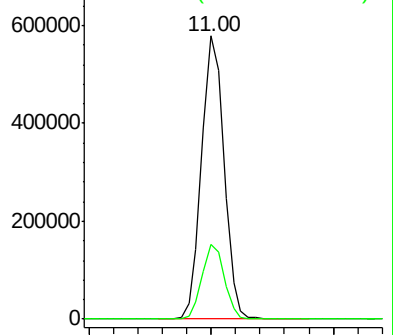
105 100

120 26.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.033 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion: 43 Resp: 289896

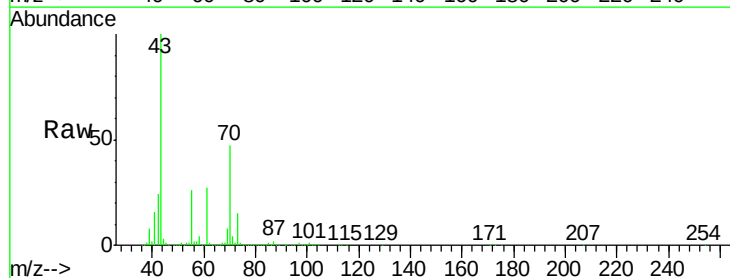
Ion Ratio Lower Upper

43 100

70 49.3 39.7 59.5

55 26.6 21.8 32.6

61 27.9 22.2 33.4

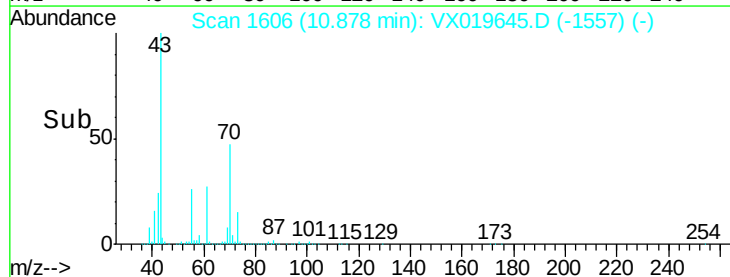
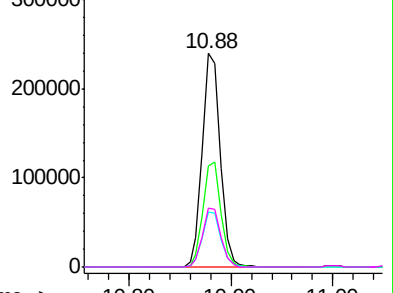


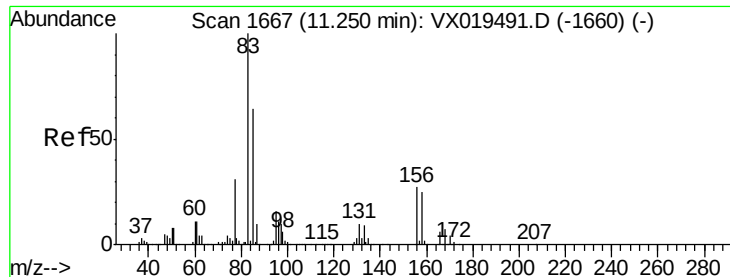
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.350 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

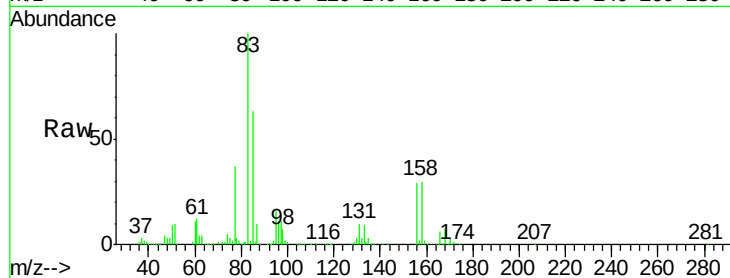
Tot Ion: 83 Resp: 253537

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

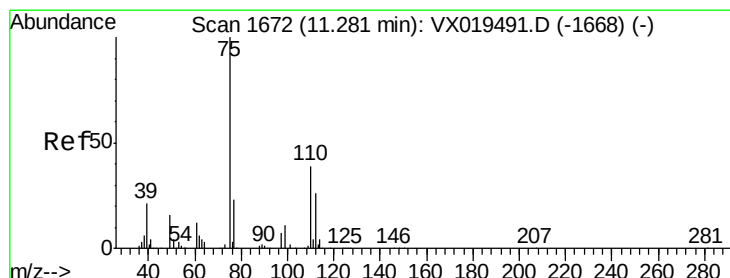
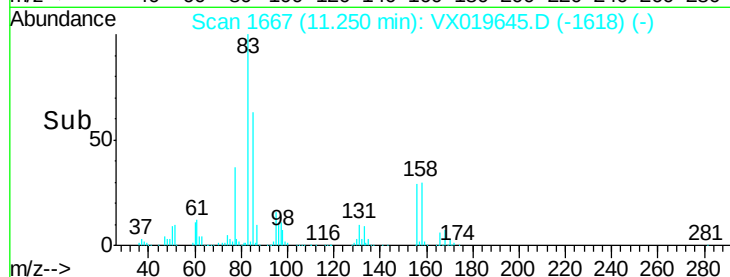
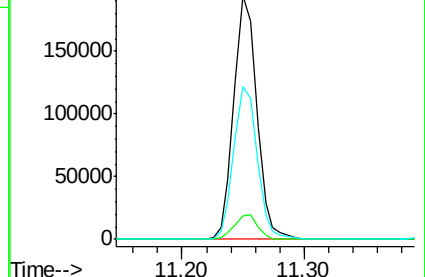
85 64.5 32.4 97.2



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: 63.476 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019645.D

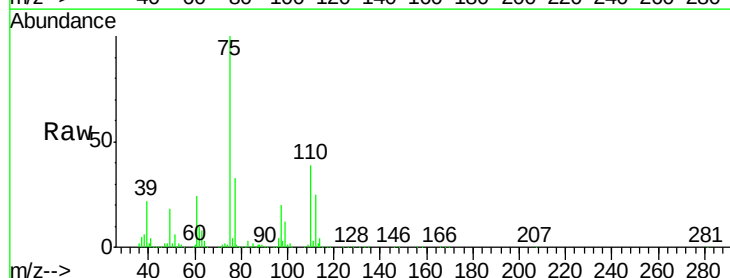
Acq: 25 Nov 2020 07:24

Tgt Ion: 75 Resp: 276478

Ion Ratio Lower Upper

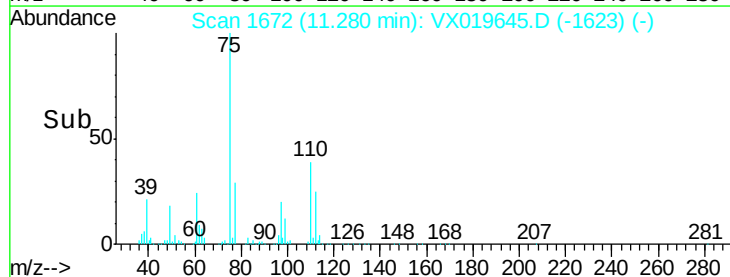
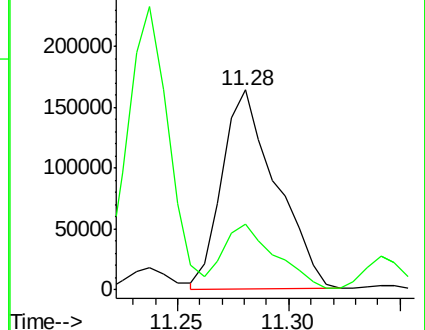
75 100

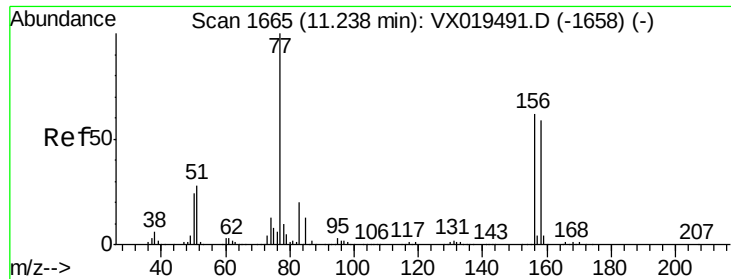
77 32.3 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.594 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

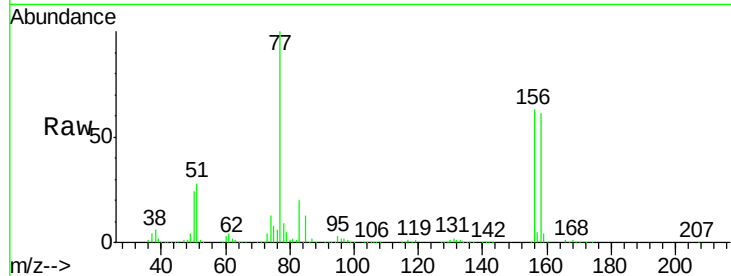
Tot Ion:156 Resp: 185377

Ion Ratio Lower Upper

156 100

77 161.9 82.5 247.3

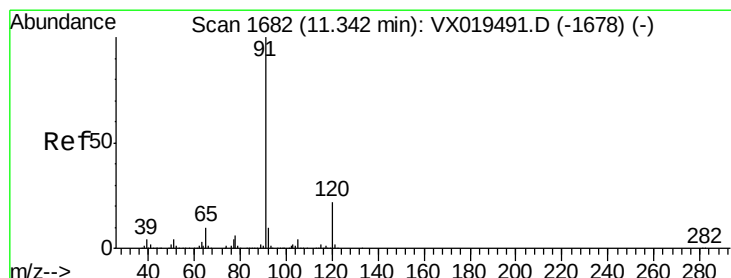
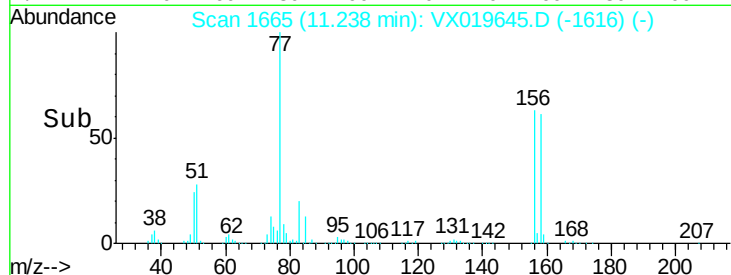
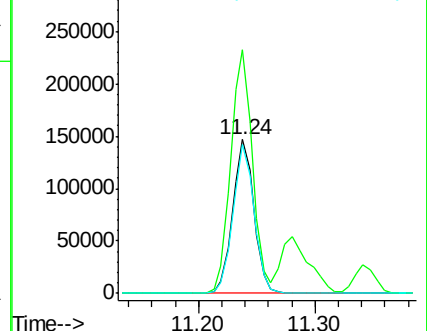
158 96.5 48.9 146.7



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: 52.214 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019645.D

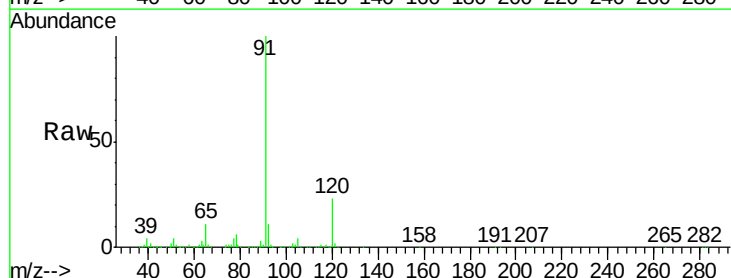
Acq: 25 Nov 2020 07:24

Tgt Ion: 91 Resp: 827015

Ion Ratio Lower Upper

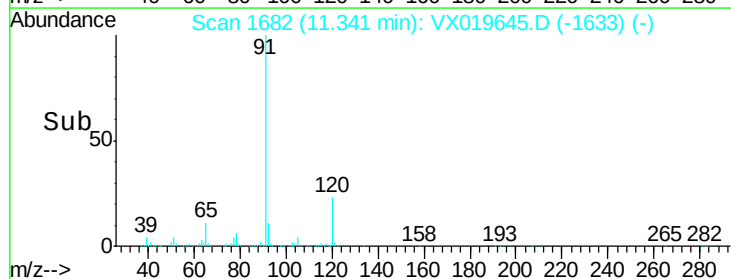
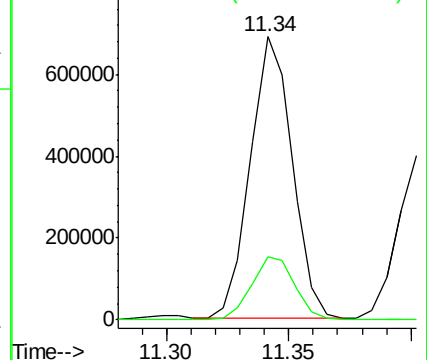
91 100

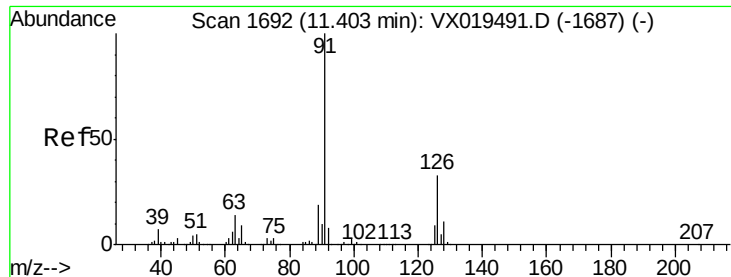
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.868 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

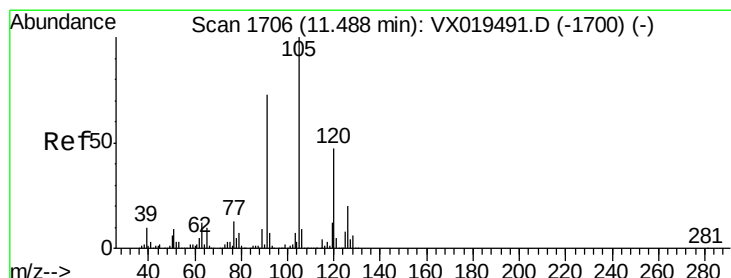
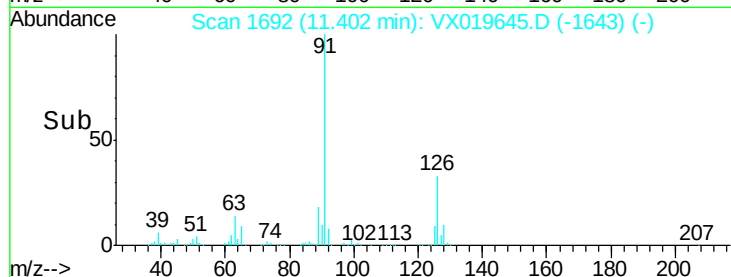
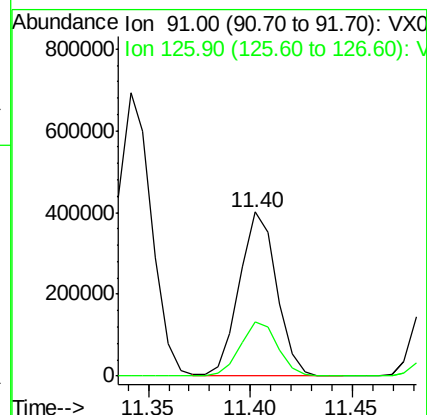
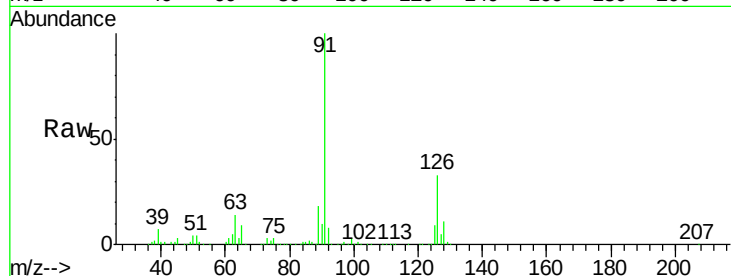
VSTDCCC050EC

Tot Ion: 91 Resp: 507846

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 53.258 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019645.D

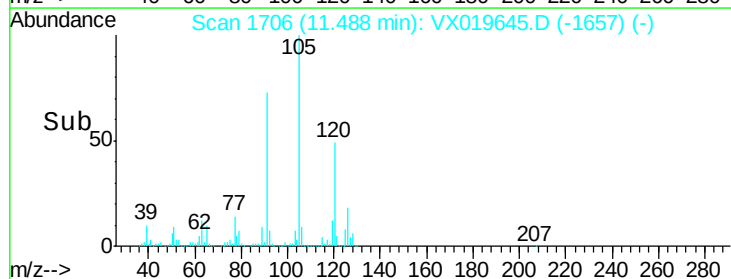
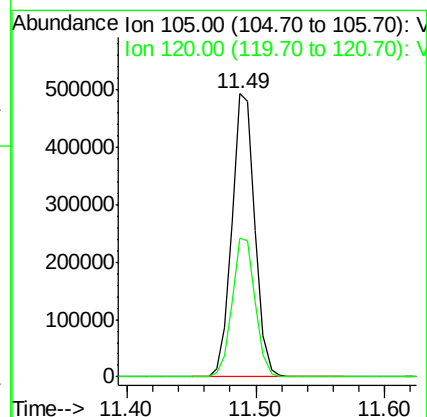
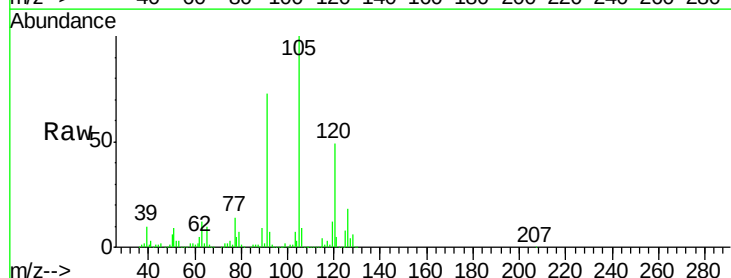
Acq: 25 Nov 2020 07:24

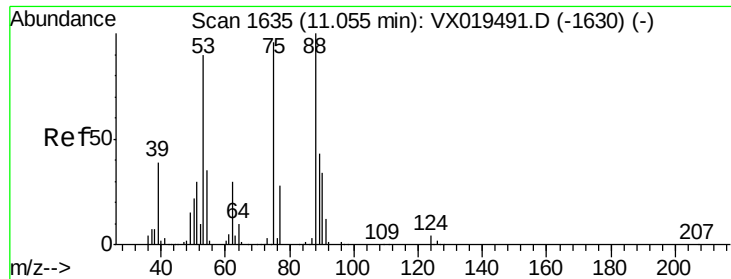
Tgt Ion: 105 Resp: 616853

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.810 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

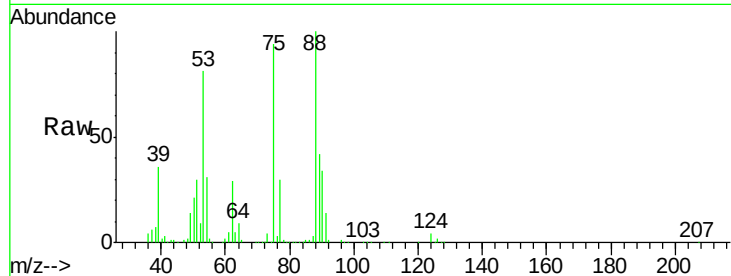
Tot Ion: 75 Resp: 71488

Ion Ratio Lower Upper

75 100

53 92.9 73.9 110.9

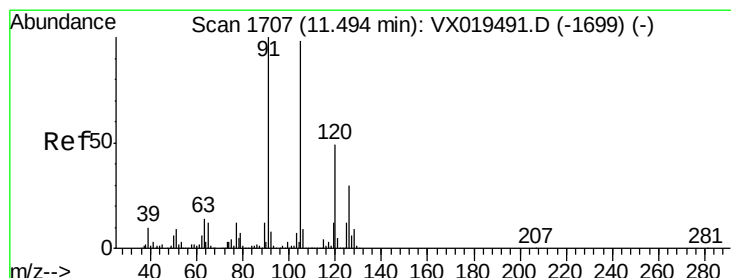
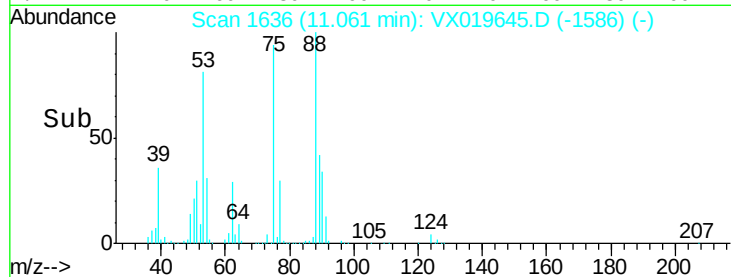
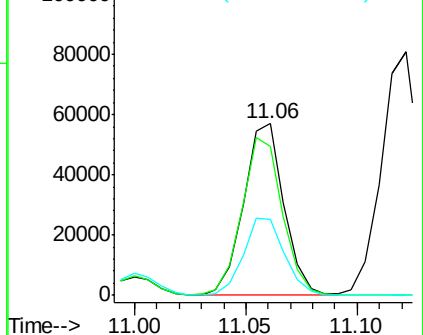
89 46.3 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.298 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019645.D

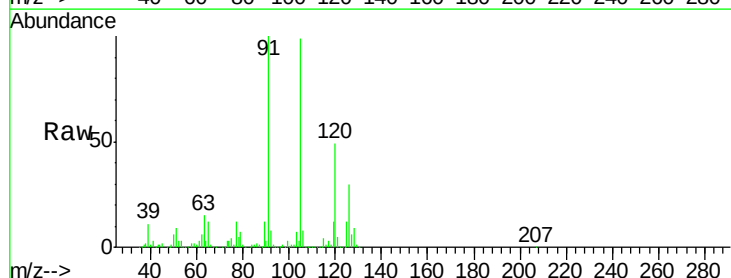
Acq: 25 Nov 2020 07:24

Tgt Ion: 91 Resp: 591383

Ion Ratio Lower Upper

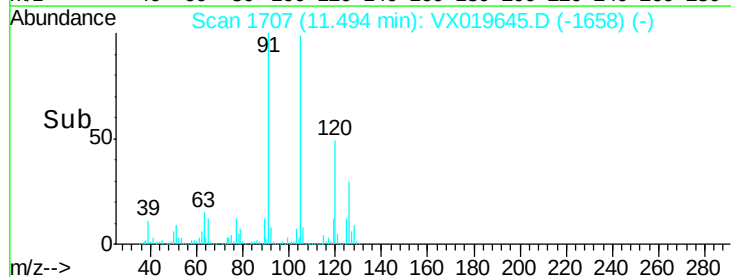
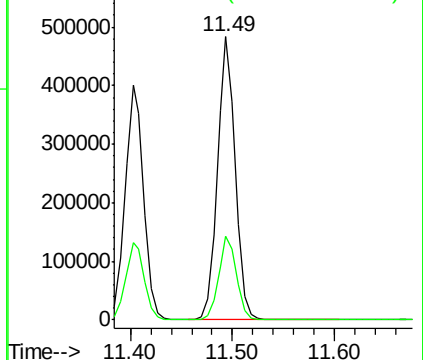
91 100

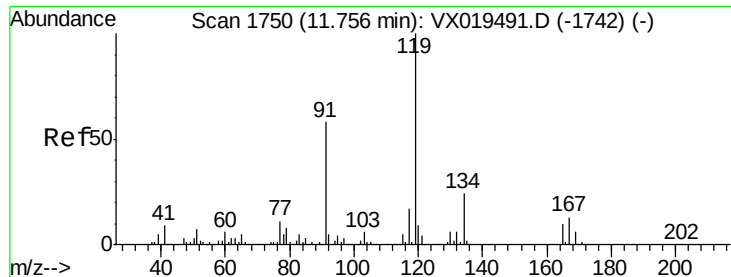
126 29.5 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

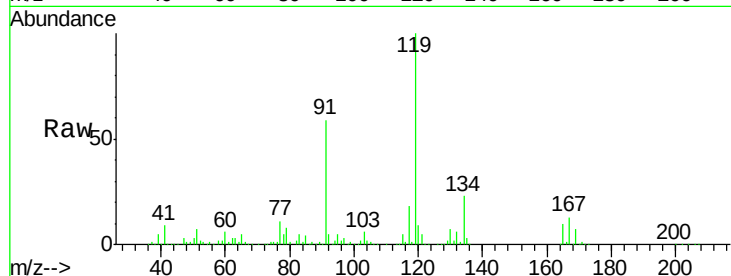




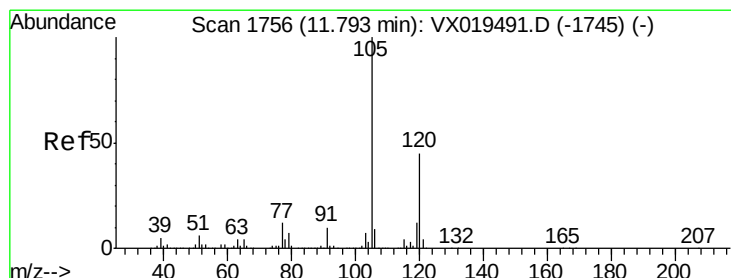
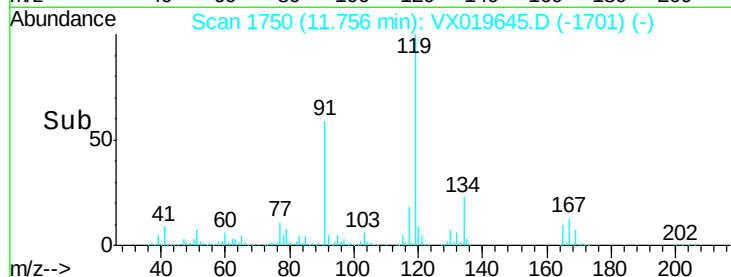
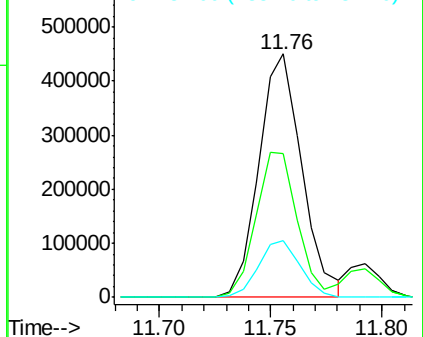
#83
 tert-Butylbenzene
 Concen: 53.962 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 604661
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.9 86.8
 134 22.7 11.7 35.0

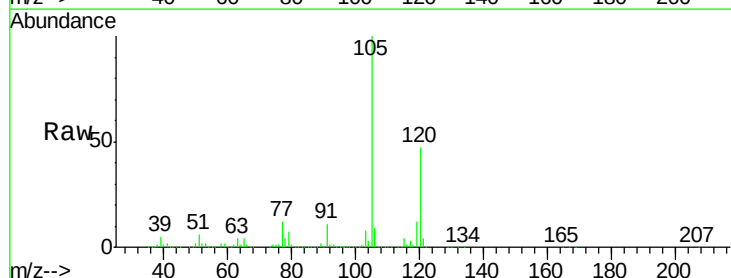


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

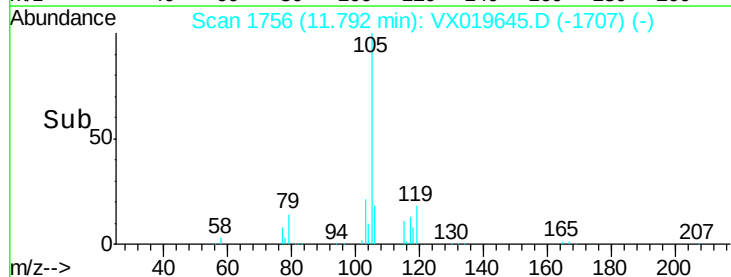
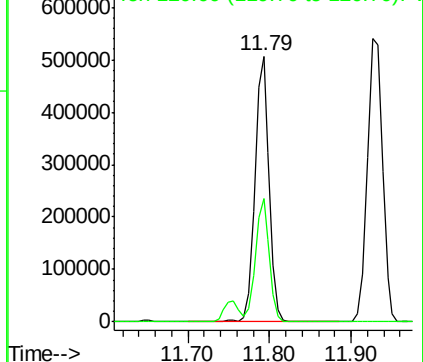


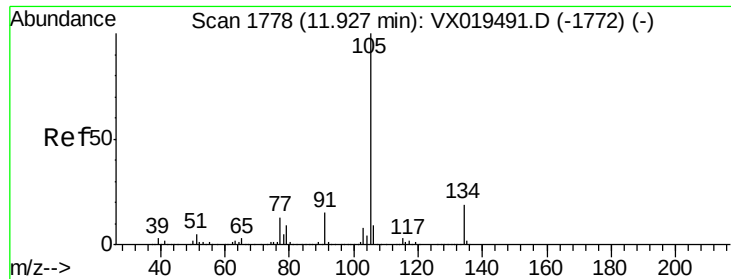
#84
 1,2,4-Trimethylbenzene
 Concen: 53.072 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion:105 Resp: 621951
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.613 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

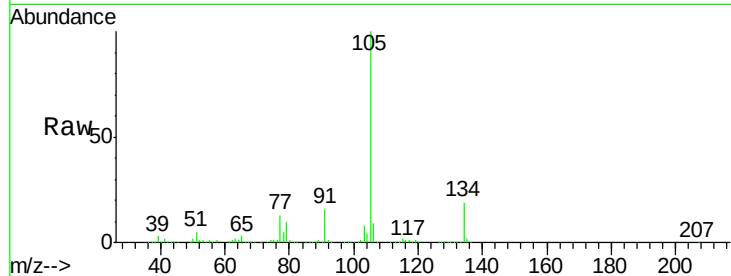
VSTDCCC050EC

Tot Ion:105 Resp: 688021

Ion Ratio Lower Upper

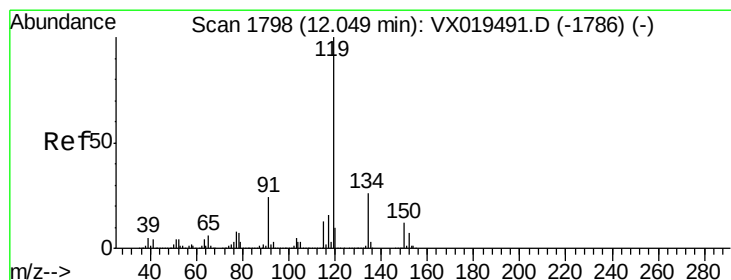
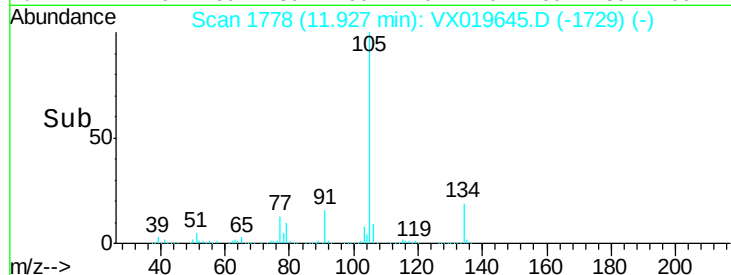
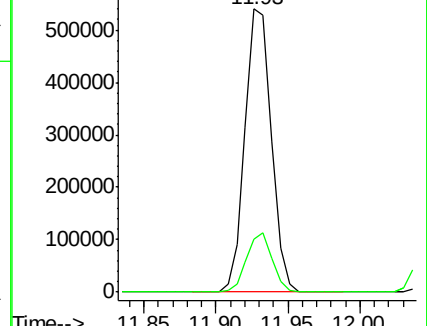
105 100

134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.370 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

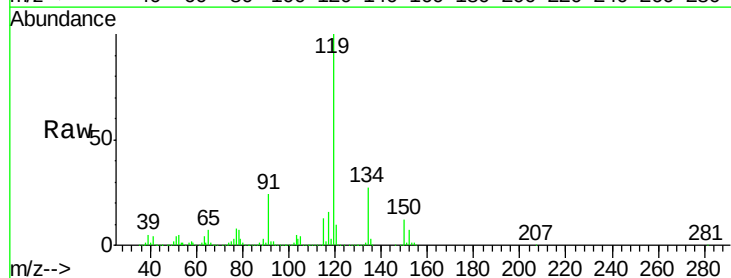
Tgt Ion:119 Resp: 621735

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

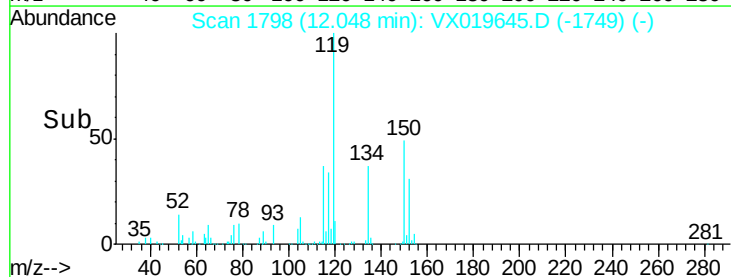
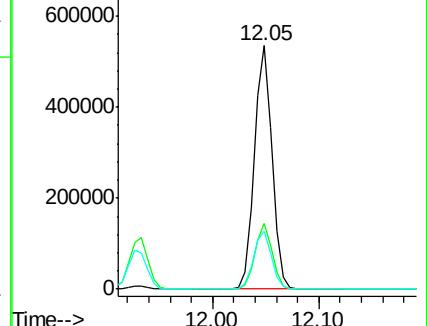
91 24.0 11.8 35.4

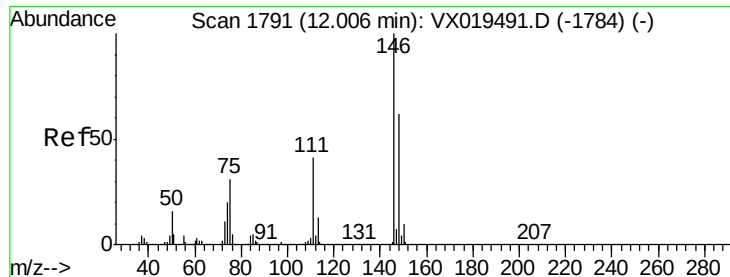


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

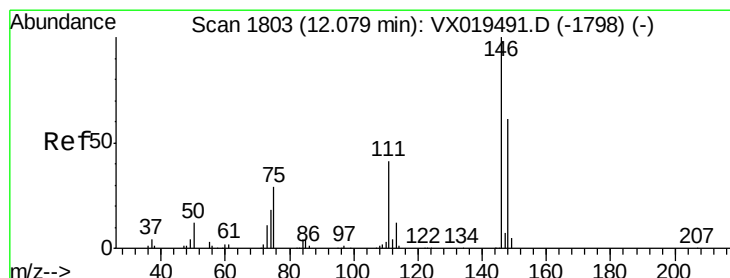
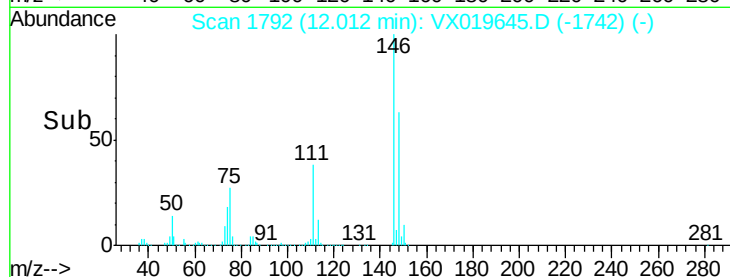
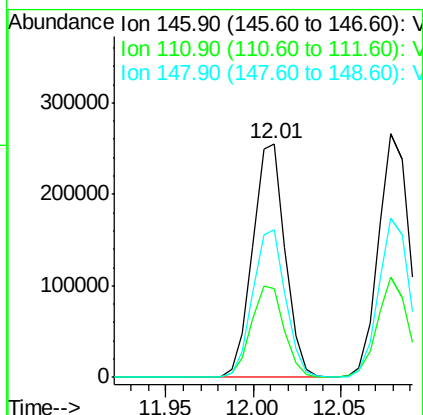
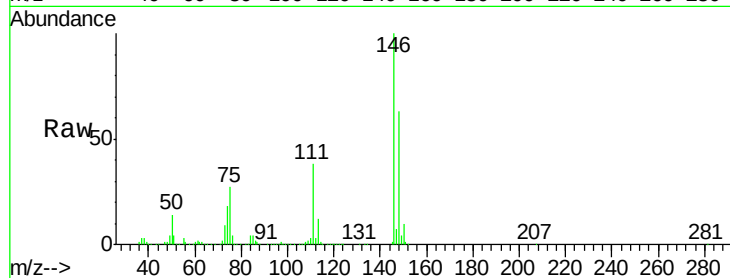




#87
 1,3-Dichlorobenzene
 Concen: 51.082 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

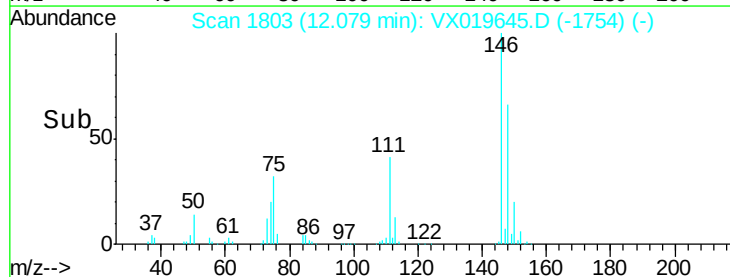
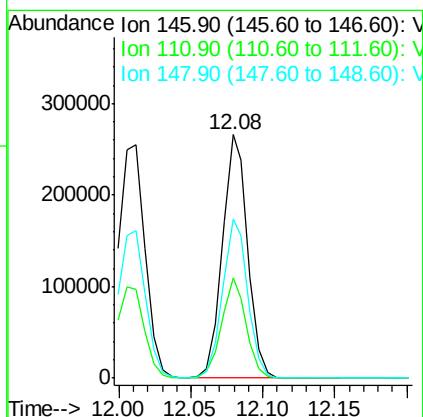
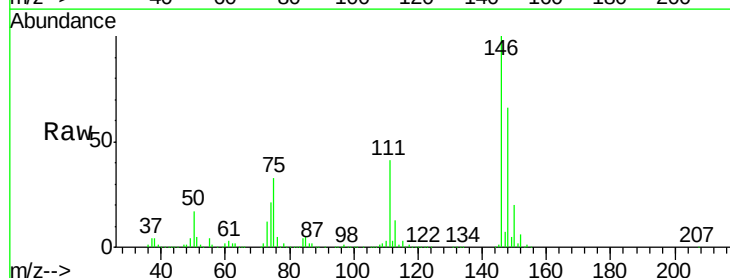
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

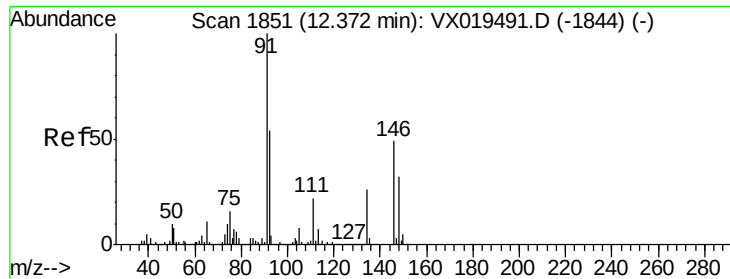
Tot Ion:146 Resp: 330652
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.6
 148 63.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion:146 Resp: 327691
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.6
 148 65.2 31.7 95.1

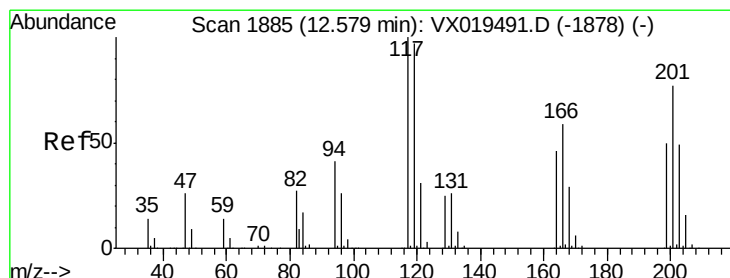
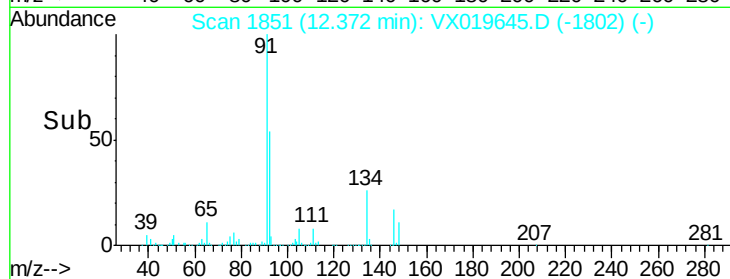
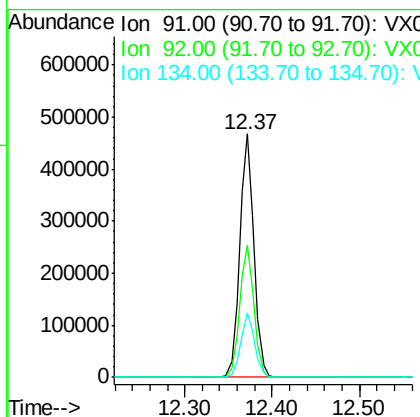
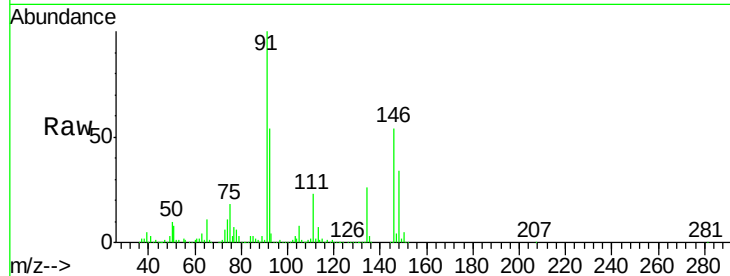




#89
n-Butylbenzene
Concen: 48.519 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

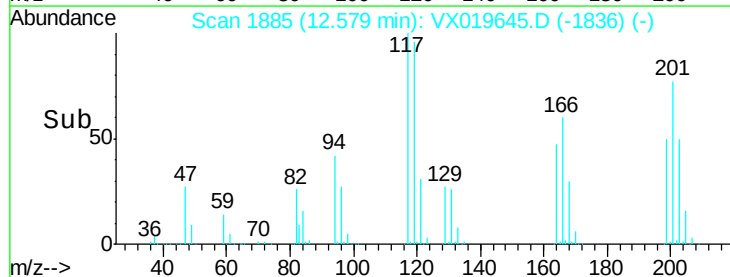
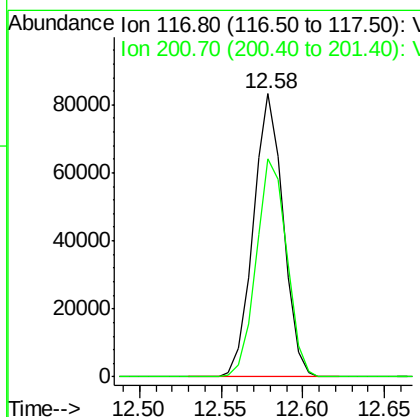
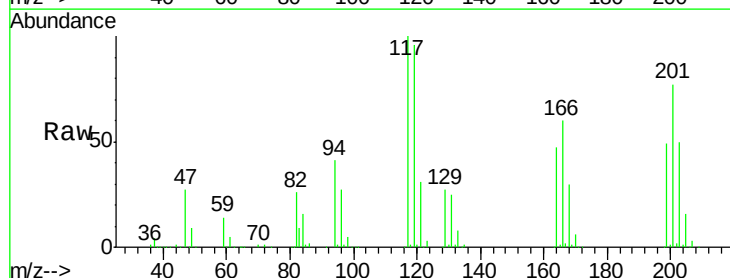
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

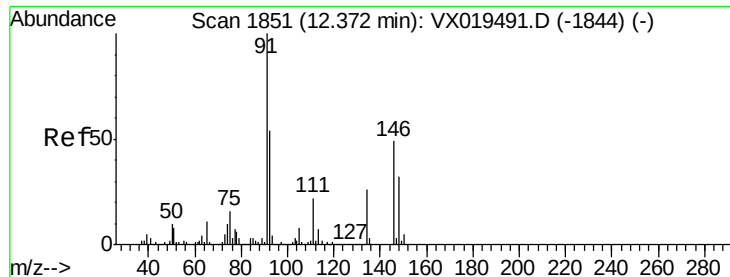
Tot Ion: 91 Resp: 530889
Ion Ratio Lower Upper
91 100
92 54.7 26.9 80.6
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 52.353 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 117 Resp: 106027
Ion Ratio Lower Upper
117 100
201 78.7 39.4 118.2

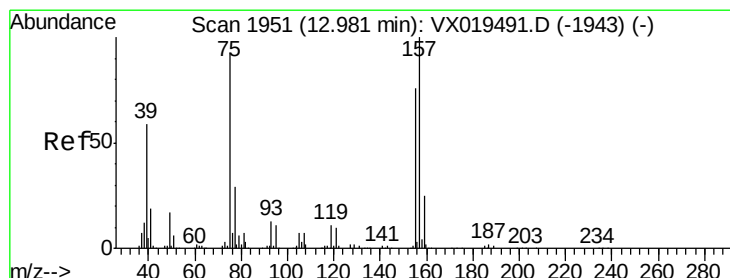
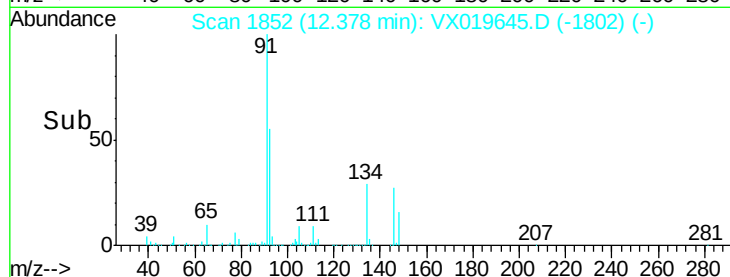
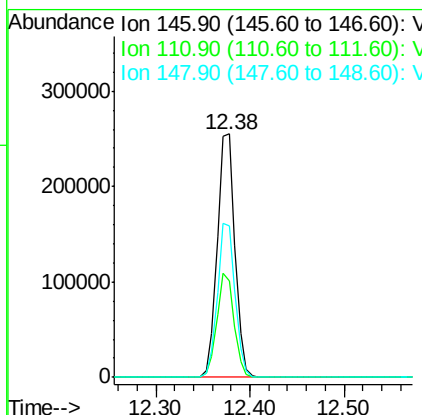
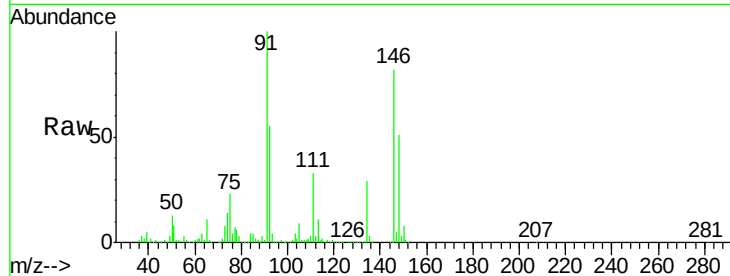




#91
 1,2-Dichlorobenzene
 Concen: 51.005 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

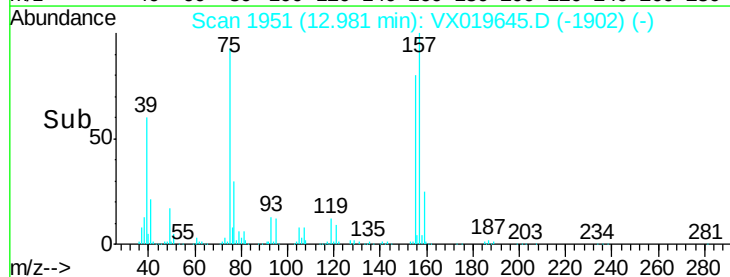
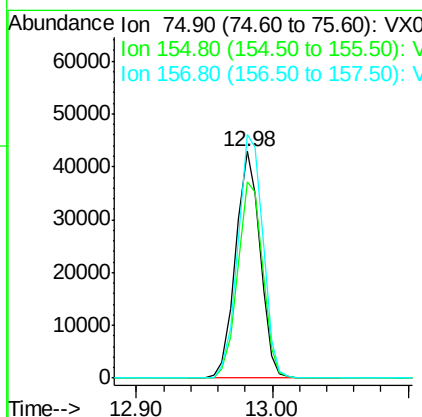
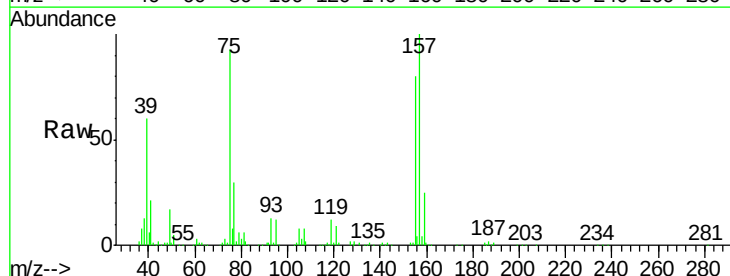
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

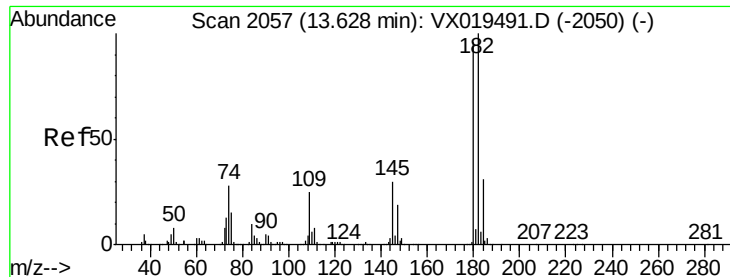
Tot Ion:146 Resp: 331598
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.3
 148 63.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.297 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 75 Resp: 53685
 Ion Ratio Lower Upper
 75 100
 155 88.0 43.6 130.9
 157 110.1 57.0 170.8

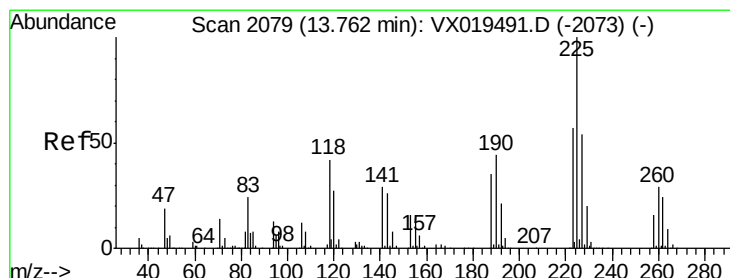
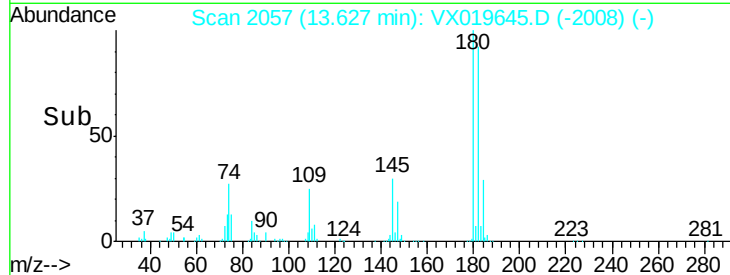
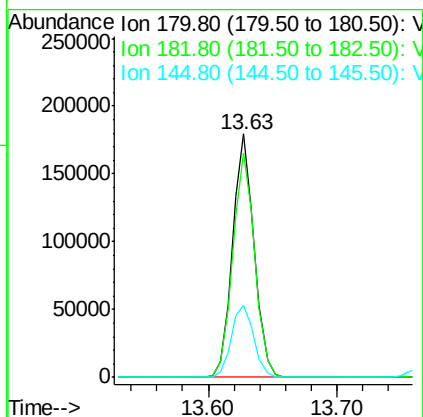
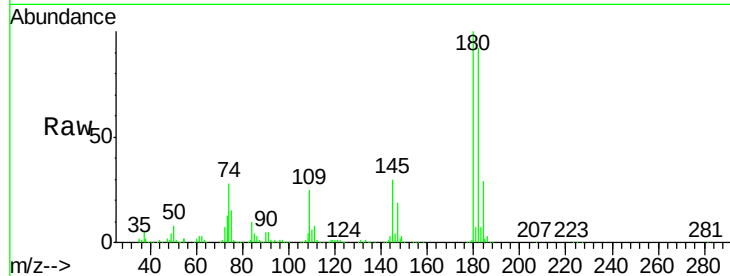




#93
 1,2,4-Trichlorobenzene
 Concen: 50.216 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

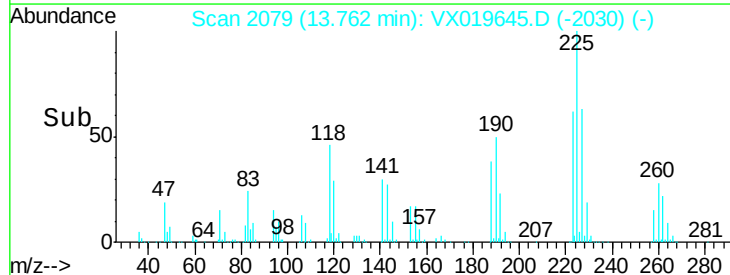
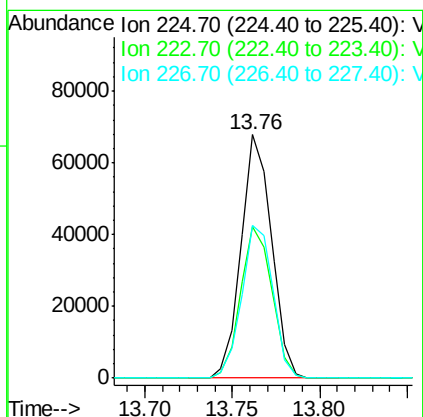
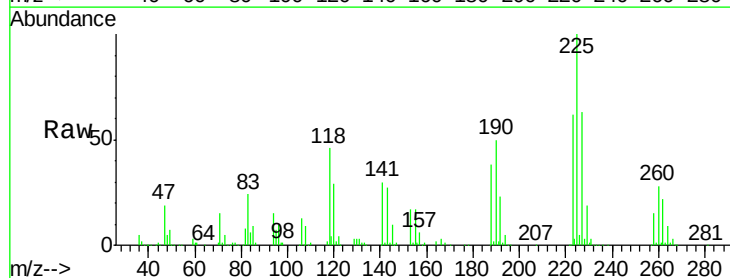
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

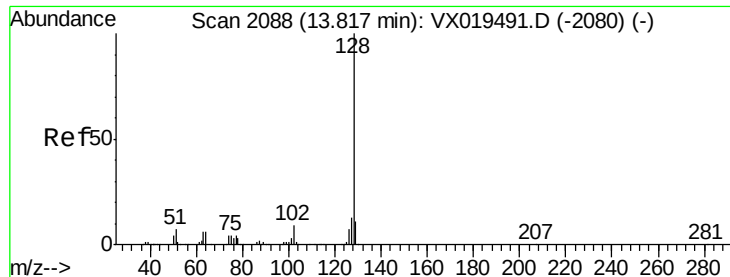
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.6	145.9
145	31.1	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 43.327 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.5	97.5
227	64.3	32.8	98.3





#95

Naphthalene

Concen: 49.362 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

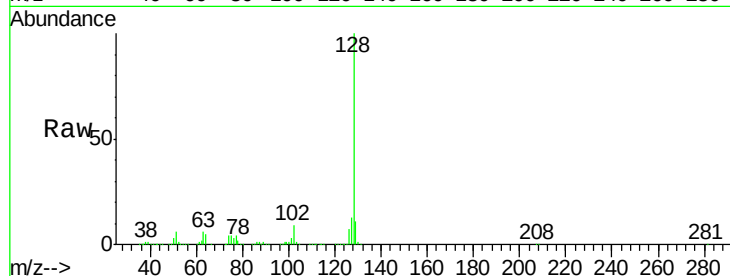
Tot Ion:128 Resp: 726259

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

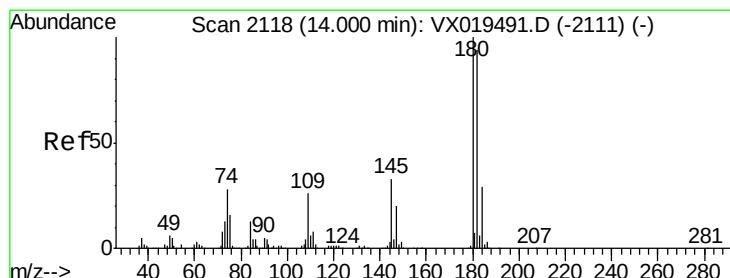
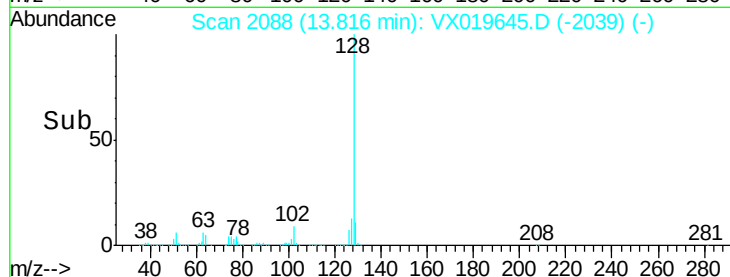
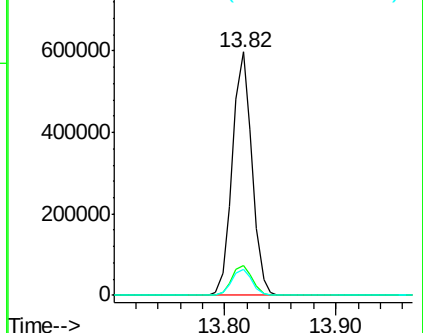
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.917 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

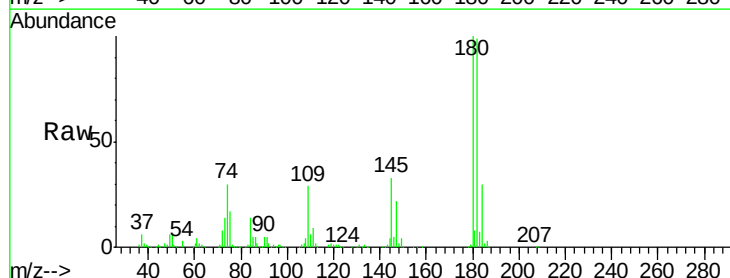
Tgt Ion:180 Resp: 212579

Ion Ratio Lower Upper

180 100

182 95.9 48.1 144.3

145 32.7 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

