

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050120\
 Data File : VX016025.D
 Acq On : 01 May 2020 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 07:04:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	281169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	465825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	178943	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.47	113	138033	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	8.70	98	523603	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.12	95	205414	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130543	51.884	ug/l	97
3) Chloromethane	1.31	50	156202	51.226	ug/l	99
4) Vinyl Chloride	1.39	62	183137	52.885	ug/l	99
5) Bromomethane	1.62	94	92911	39.965	ug/l	99
6) Chloroethane	1.70	64	113450	49.252	ug/l	98
7) Trichlorofluoromethane	1.91	101	239326	45.723	ug/l	99
8) Diethyl Ether	2.17	74	104676	47.903	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136965	52.496	ug/l	98
10) Methyl Iodide	2.49	142	189950	52.190	ug/l	98
11) Tert butyl alcohol	3.02	59	238353	267.103	ug/l	100
12) 1,1-Dichloroethene	2.36	96	141131	52.462	ug/l	100
13) Acrolein	2.27	56	77771	346.790	ug/l	98
14) Allyl chloride	2.71	41	261714	53.953	ug/l	96
15) Acrylonitrile	3.12	53	494853	279.676	ug/l	100
16) Acetone	2.42	43	424763	270.205	ug/l	99
17) Carbon Disulfide	2.55	76	403368	51.404	ug/l	100
18) Methyl Acetate	2.75	43	245995	55.145	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	524267	53.883	ug/l	99
20) Methylene Chloride	2.84	84	162076	52.082	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152906	50.434	ug/l	98
22) Diisopropyl ether	3.82	45	520506	54.579	ug/l	99
23) Vinyl Acetate	3.79	43	2256579	272.392	ug/l	100
24) 1,1-Dichloroethane	3.67	63	288531	54.311	ug/l	99
25) 2-Butanone	4.64	43	696674	273.484	ug/l	99
26) 2,2-Dichloropropane	4.55	77	230792	47.513	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178137	51.777	ug/l	100
28) Bromochloromethane	4.98	49	135816	52.830	ug/l	97
29) Tetrahydrofuran	5.09	42	455575	272.888	ug/l	99
30) Chloroform	5.18	83	286517	51.865	ug/l	99
31) Cyclohexane	5.55	56	255642	54.053	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	261049	51.324	ug/l	99
36) 1,1-Dichloropropene	5.77	75	215574	48.589	ug/l	99
37) Ethyl Acetate	4.80	43	266606	52.405	ug/l	99
38) Carbon Tetrachloride	5.76	117	229200	48.909	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	256503	49.981	ug/l	98
40) Benzene	6.12	78	643735	50.851	ug/l	100
41) Methacrylonitrile	5.01	41	140953	51.761	ug/l	99
42) 1,2-Dichloroethane	6.17	62	237933	48.508	ug/l	100
43) Isopropyl Acetate	6.42	43	424932	50.440	ug/l	99
44) Trichloroethene	7.19	130	212140	46.492	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168289	51.438	ug/l	99
46) Dibromomethane	7.64	93	113352	48.759	ug/l	100
47) Bromodichloromethane	7.88	83	235874	51.058	ug/l	99
48) Methyl methacrylate	7.75	41	202252	51.998	ug/l	97
49) 1,4-Dioxane	7.71	88	92429	1010.115	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1338284	261.893	ug/l	98
52) Toluene	8.77	92	407768	50.745	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	270803	49.403	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	279222	49.528	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	165855	51.648	ug/l	99
56) Ethyl methacrylate	9.16	69	275377	52.738	ug/l	95
57) 1,3-Dichloropropane	9.35	76	284099	51.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	696609	258.163	ug/l	99
59) 2-Hexanone	9.48	43	1050886	263.147	ug/l	98
60) Dibromochloromethane	9.57	129	183828	51.145	ug/l	99
61) 1,2-Dibromoethane	9.65	107	178341	51.214	ug/l	100
64) Tetrachloroethene	9.32	164	241036	46.441	ug/l	98
65) Chlorobenzene	10.12	112	436692	49.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	166584	49.462	ug/l	99
67) Ethyl Benzene	10.24	91	785447	49.495	ug/l	100
68) m/p-Xylenes	10.34	106	593226	98.517	ug/l	99
69) o-Xylene	10.68	106	286119	50.046	ug/l	98
70) Styrene	10.70	104	501406	51.113	ug/l	99
71) Bromoform	10.84	173	139439	45.713	ug/l	98
73) Isopropylbenzene	11.01	105	776953	51.366	ug/l	99
74) N-amyl acetate	10.88	43	371252	50.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	171171	48.844	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	328911	70.497	ug/l	82
77) Bromobenzene	11.24	156	195305	50.162	ug/l	97
78) n-propylbenzene	11.35	91	894867	51.429	ug/l	99
79) 2-Chlorotoluene	11.41	91	530246	51.146	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	654963	51.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100761	51.036	ug/l	96
82) 4-Chlorotoluene	11.49	91	627862	50.636	ug/l	100
83) tert-Butylbenzene	11.76	119	568575	51.753	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	660200	51.484	ug/l	100
85) sec-Butylbenzene	11.93	105	761065	51.417	ug/l	99
86) p-Isopropyltoluene	12.05	119	699228	50.433	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	341799	48.140	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343741	47.903	ug/l	99
89) n-Butylbenzene	12.37	91	626896	50.042	ug/l	99
90) Hexachloroethane	12.58	117	124491	50.820	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	338377	49.839	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63507	50.855	ug/l	97

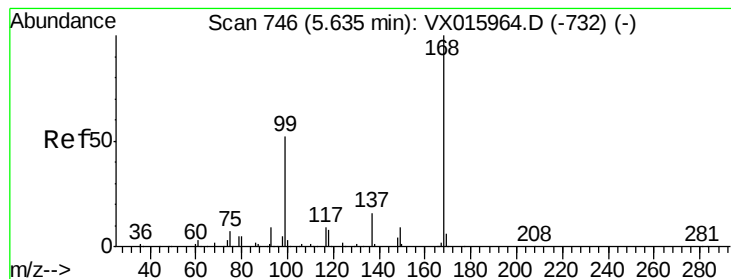
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	238350	46.772	ug/l	97
94) Hexachlorobutadiene	13.77	225	109222	47.971	ug/l	95
95) Naphthalene	13.82	128	828750	51.563	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	239172	48.742	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

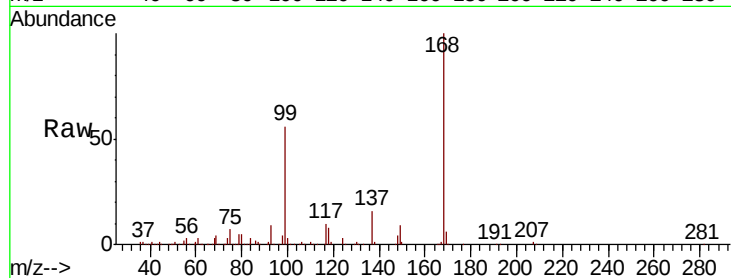
VSTDCCC050EC

Tot Ion:168 Resp: 281169

Ion Ratio Lower Upper

168 100

99 55.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

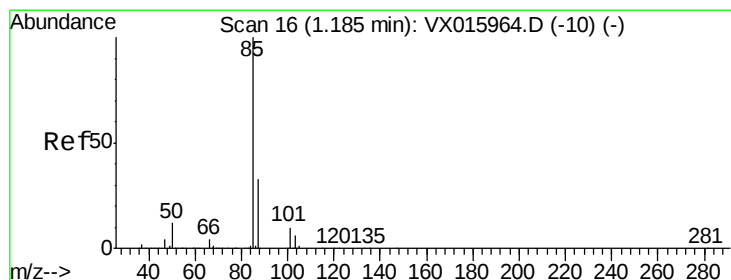
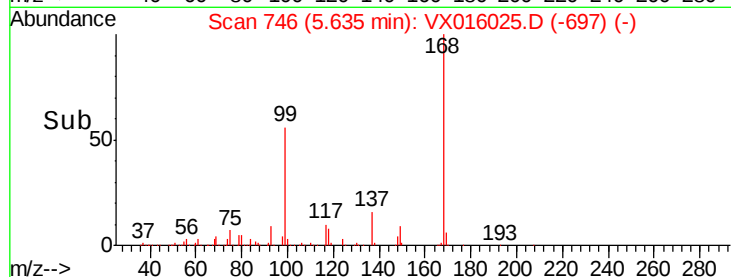
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.884 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016025.D

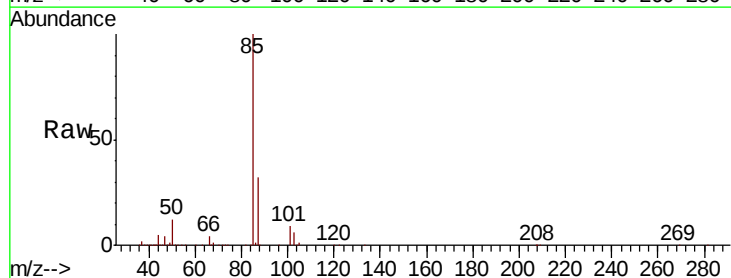
Acq: 01 May 2020 20:26

Tgt Ion: 85 Resp: 130543

Ion Ratio Lower Upper

85 100

87 31.6 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

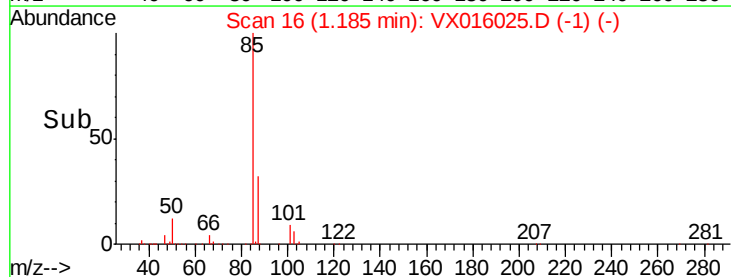
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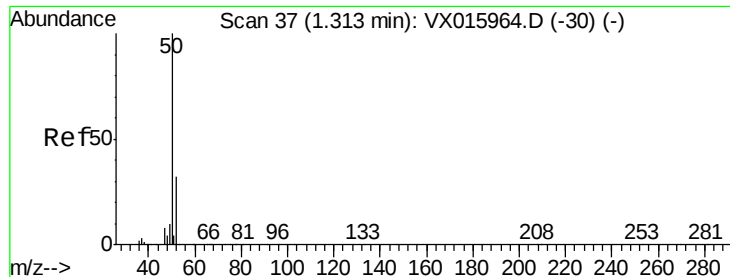
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.226 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

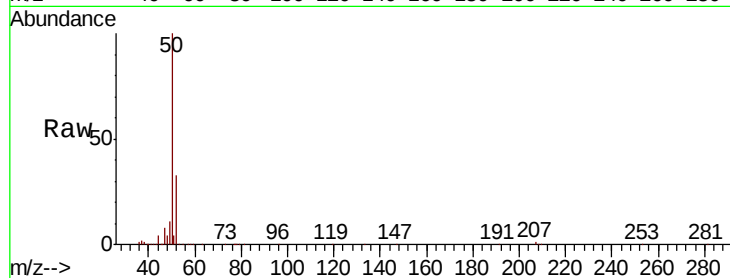
VSTDCCC050EC

Tot Ion: 50 Resp: 156202

Ion Ratio Lower Upper

50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

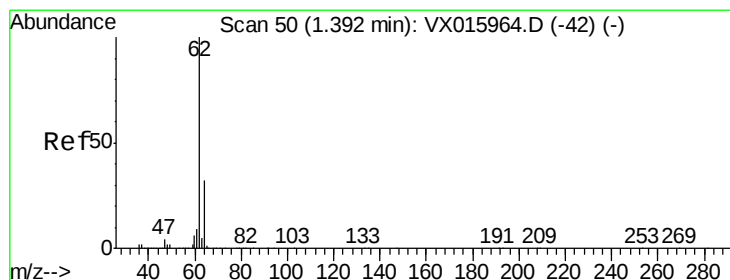
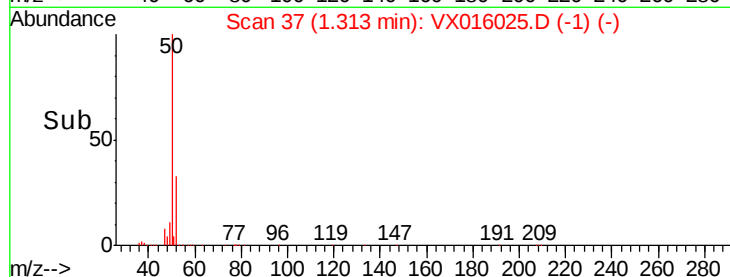
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 52.885 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016025.D

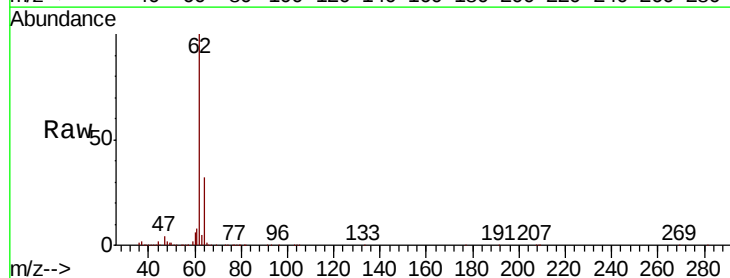
Acq: 01 May 2020 20:26

Tgt Ion: 62 Resp: 183137

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

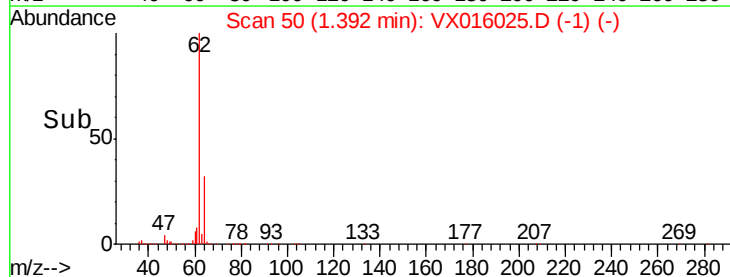
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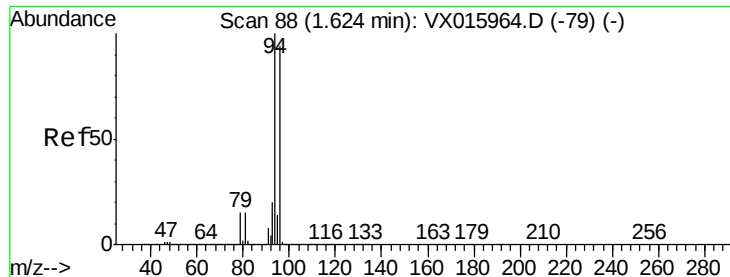
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 39.965 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

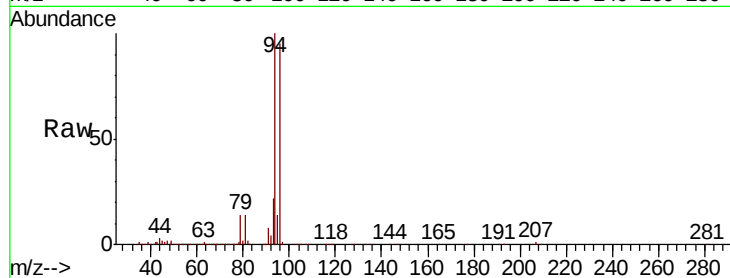
VSTDCCC050EC

Tot Ion: 94 Resp: 92911

Ion Ratio Lower Upper

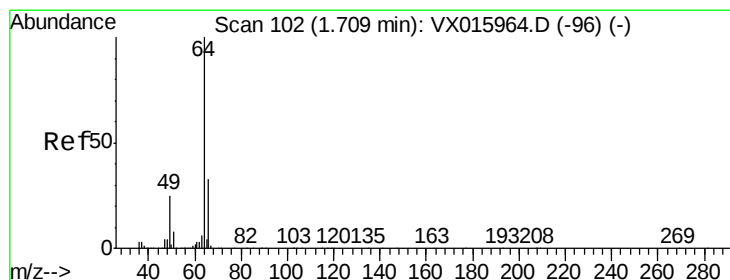
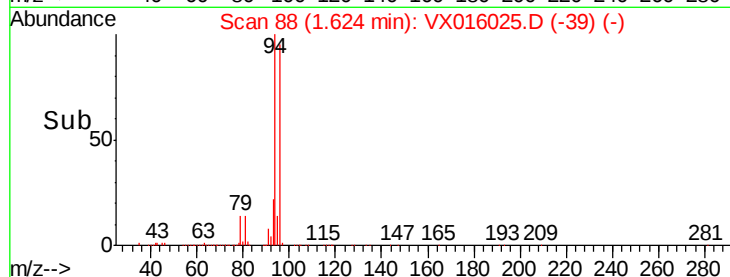
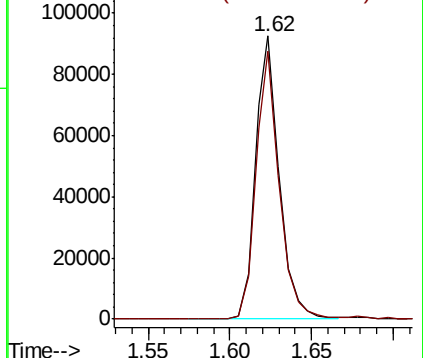
94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.252 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016025.D

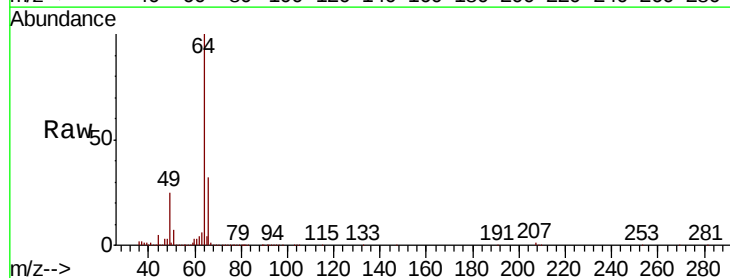
Acq: 01 May 2020 20:26

Tgt Ion: 64 Resp: 113450

Ion Ratio Lower Upper

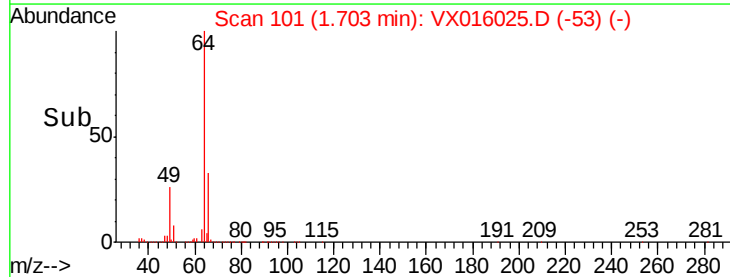
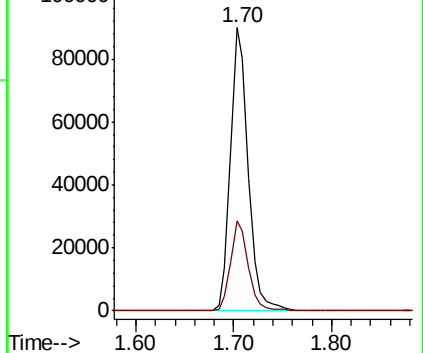
64 100

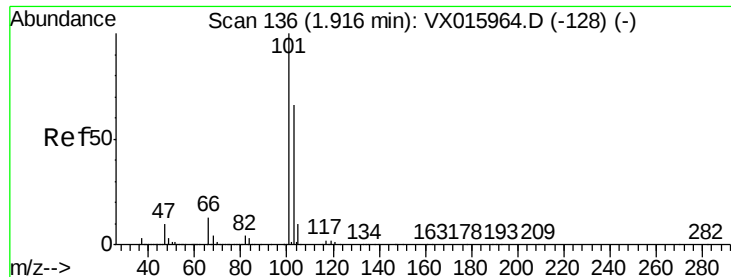
66 31.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



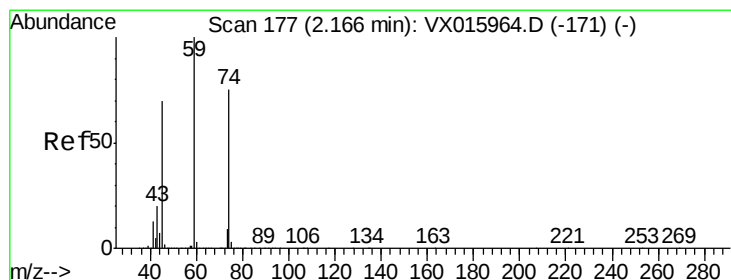
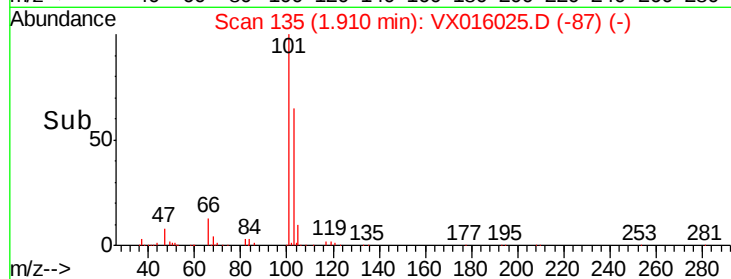
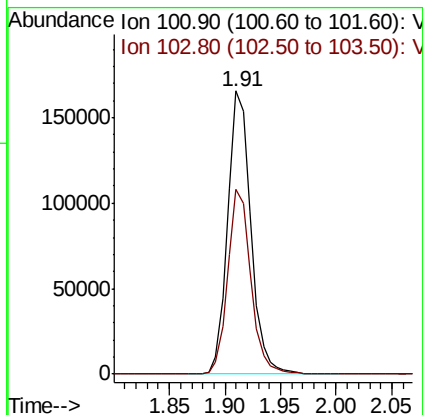
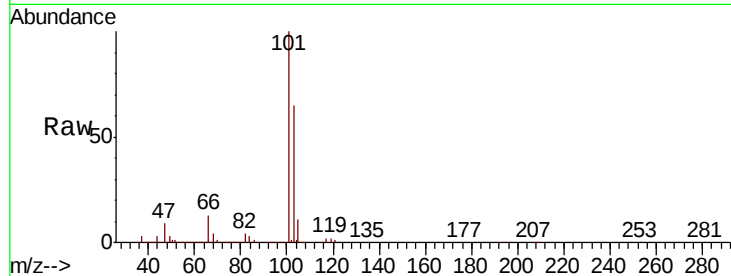


#7

Trichlorofluoromethane
Concen: 45.723 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
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VSTDCCC050EC

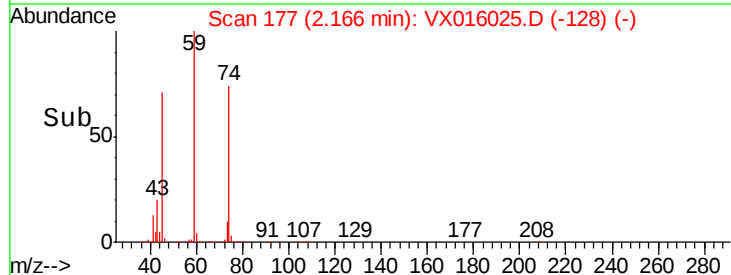
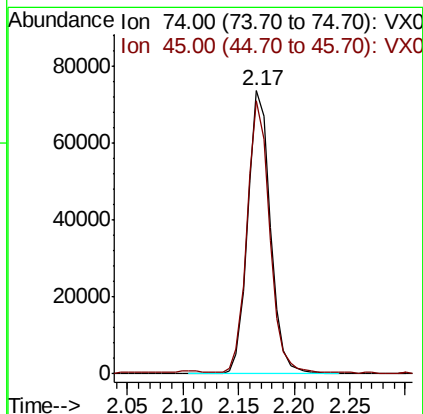
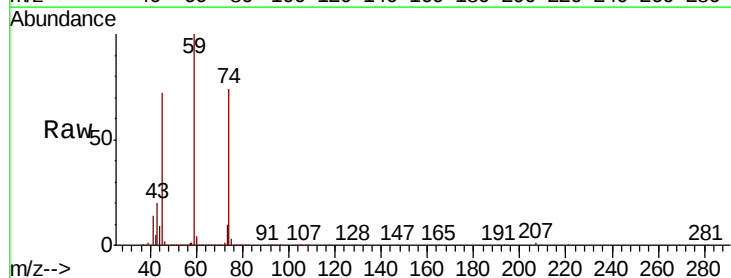
Tot Ion:101 Resp: 239326
Ion Ratio Lower Upper
101 100
103 65.1 52.4 78.6

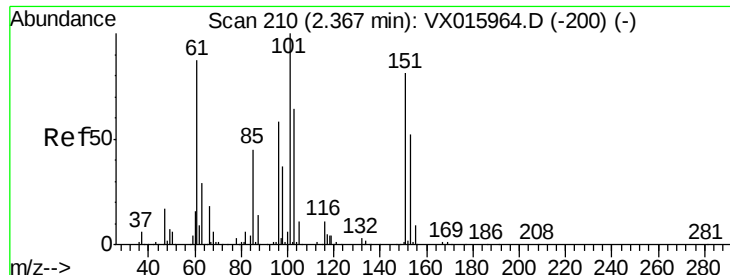


#8

Diethyl Ether
Concen: 47.903 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 74 Resp: 104676
Ion Ratio Lower Upper
74 100
45 95.9 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.496 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

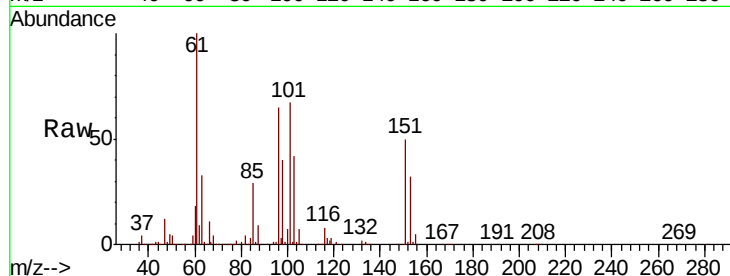
Tot Ion:101 Resp: 136965

Ion Ratio Lower Upper

101 100

85 43.5 36.3 54.5

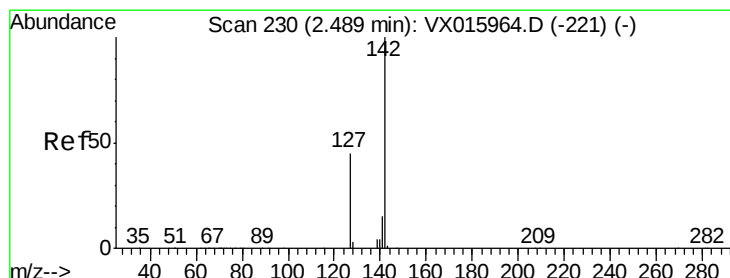
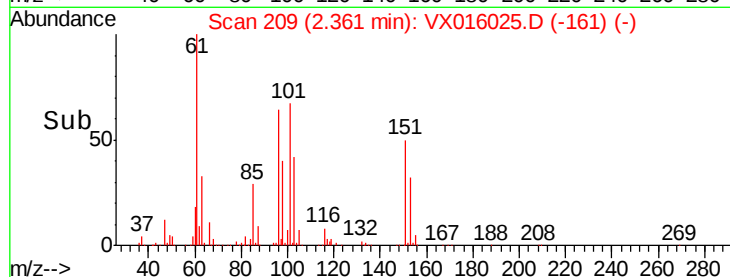
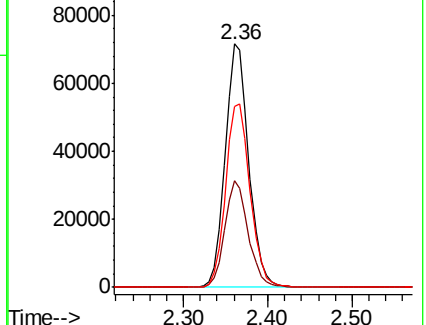
151 78.1 63.1 94.7



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: 52.190 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

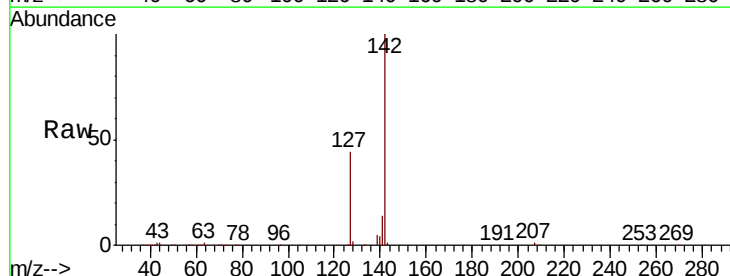
Tgt Ion:142 Resp: 189950

Ion Ratio Lower Upper

142 100

127 43.8 36.5 54.7

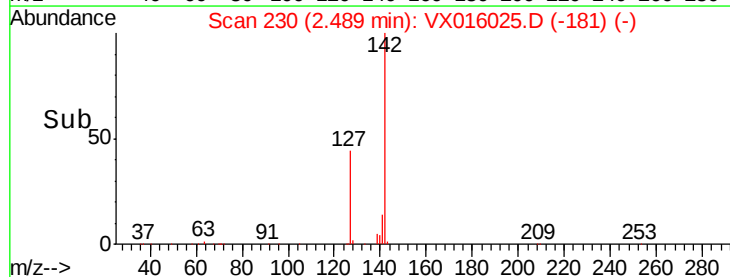
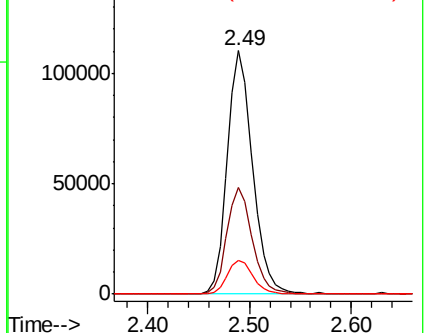
141 14.1 11.6 17.4

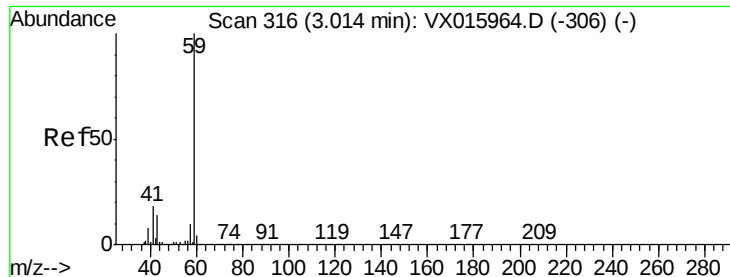


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



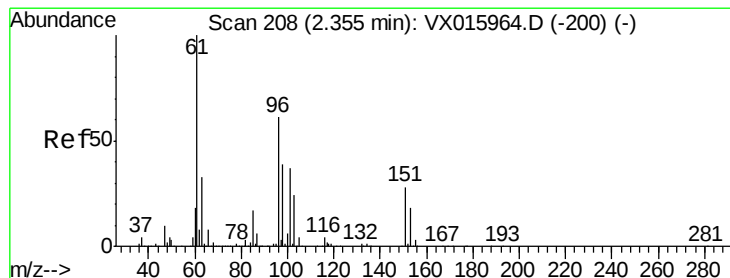
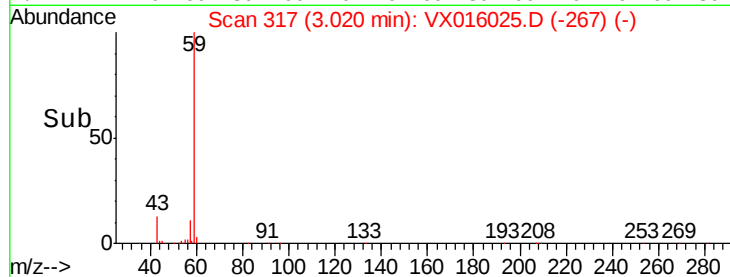
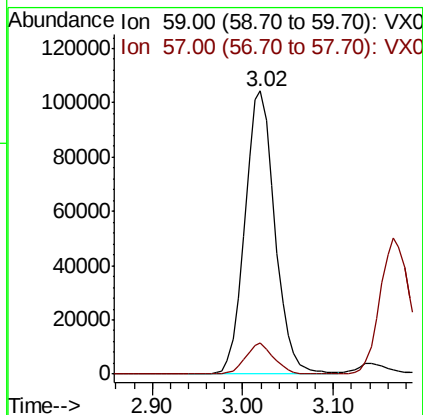
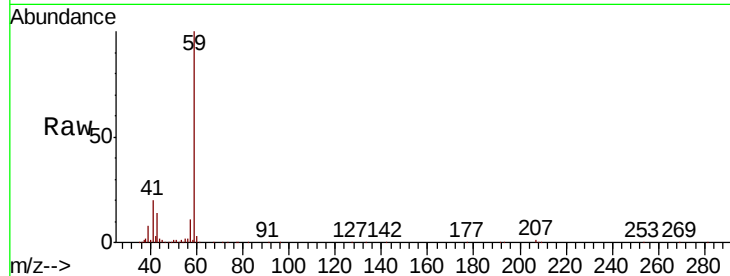


#11

Tert butyl alcohol
 Concen: 267.103 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

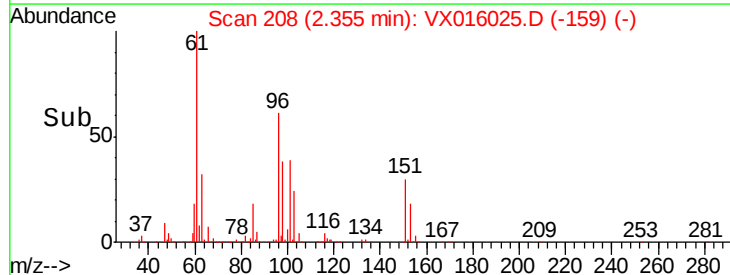
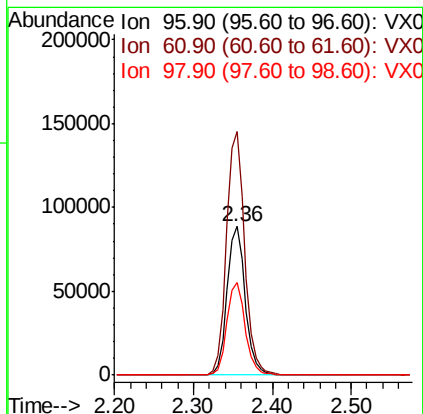
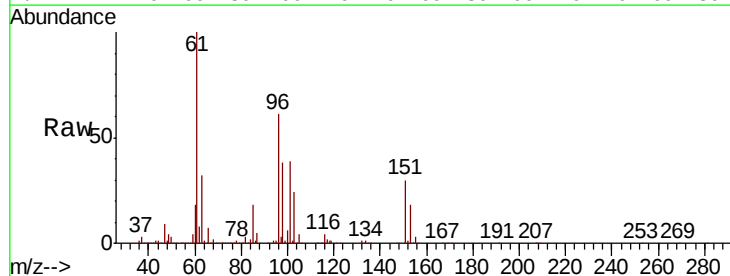
Tot Ion: 59 Resp: 238353
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

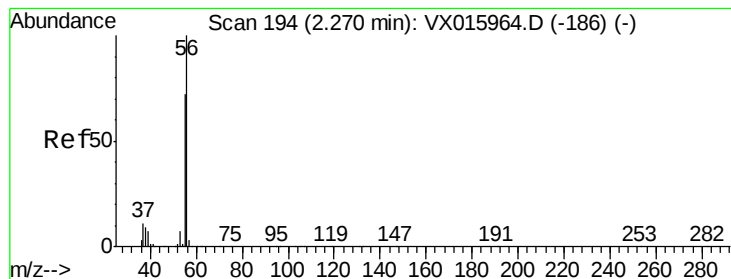


#12

1,1-Dichloroethene
 Concen: 52.462 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion: 96 Resp: 141131
 Ion Ratio Lower Upper
 96 100
 61 164.2 131.0 196.4
 98 62.8 50.7 76.1





#13

Acrolein

Concen: 346.790 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

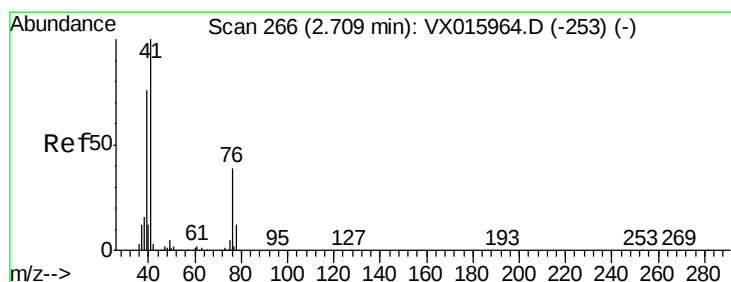
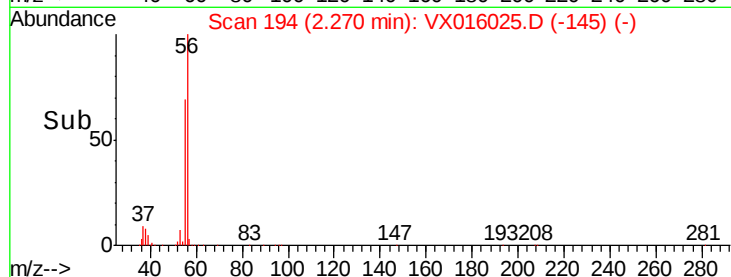
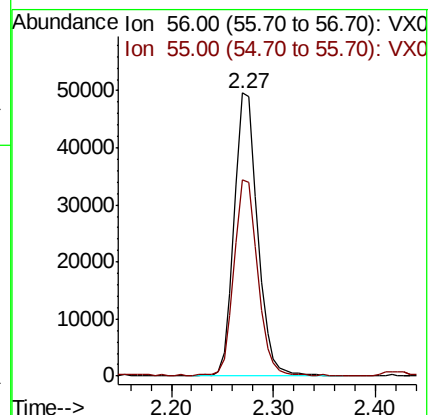
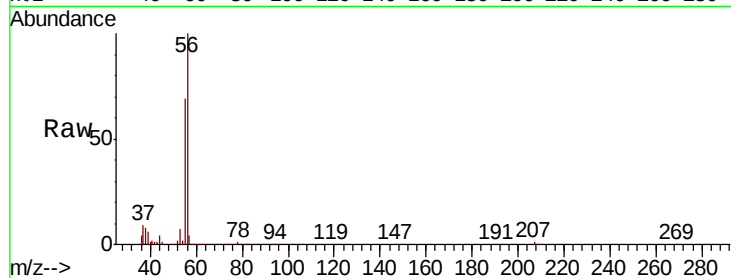
VSTDCCC050EC

Tot Ion: 56 Resp: 77771

Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3



#14

Allyl chloride

Concen: 53.953 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

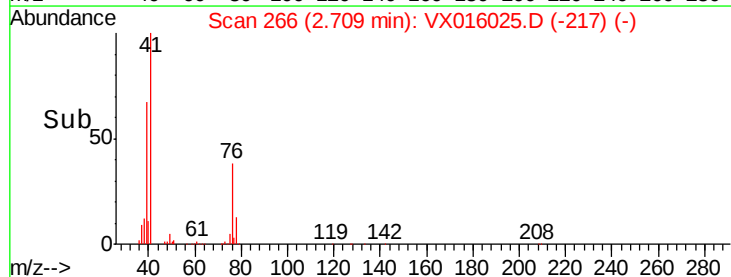
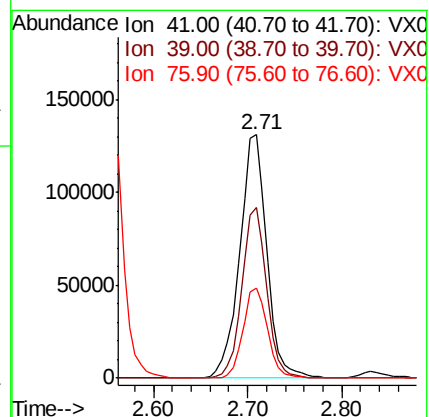
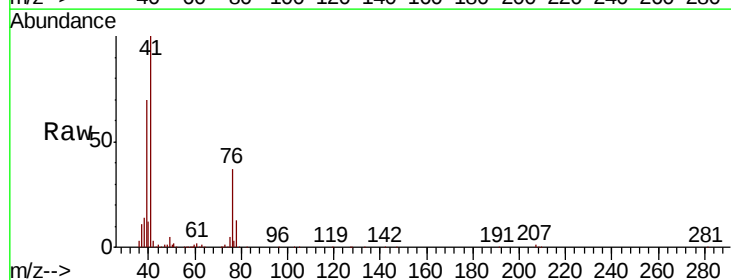
Tgt Ion: 41 Resp: 261714

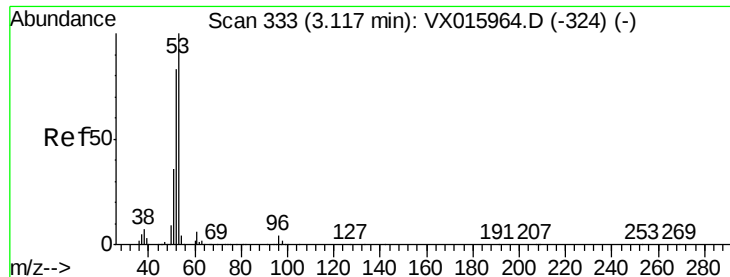
Ion Ratio Lower Upper

41 100

39 64.1 55.4 83.0

76 33.6 27.1 40.7

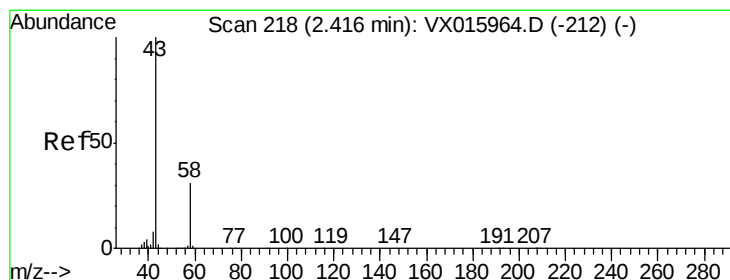
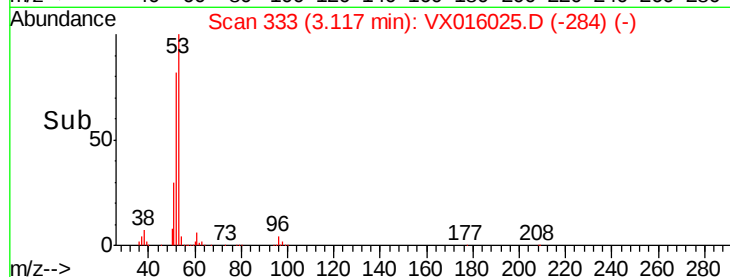
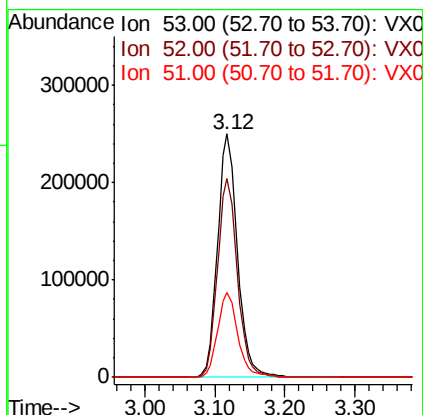
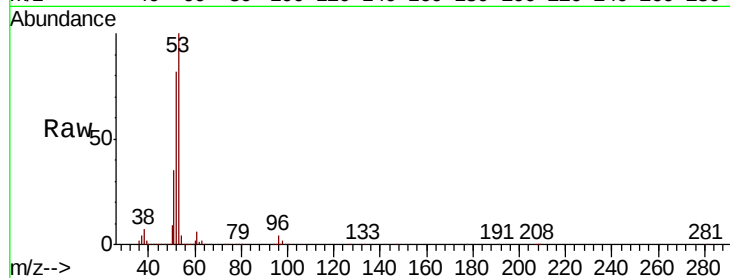




#15
 Acrylonitrile
 Concen: 279.676 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

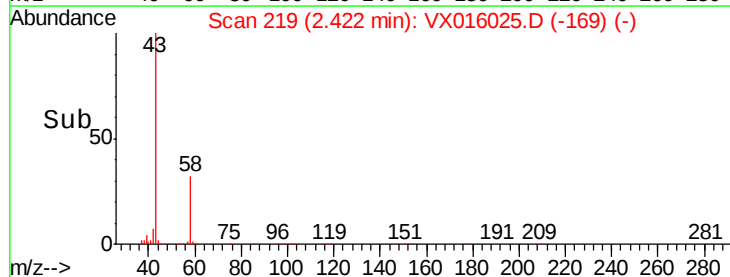
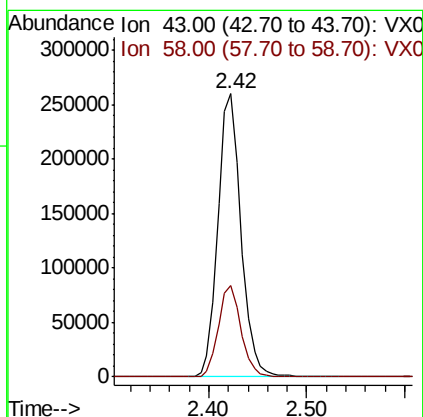
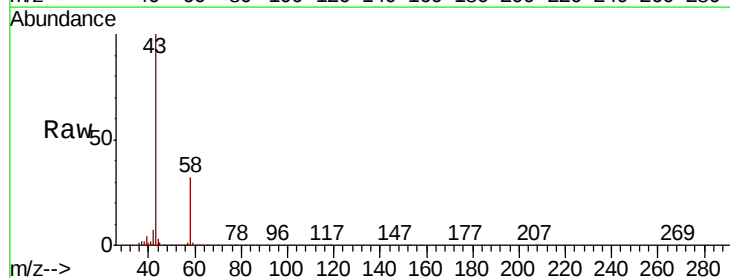
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

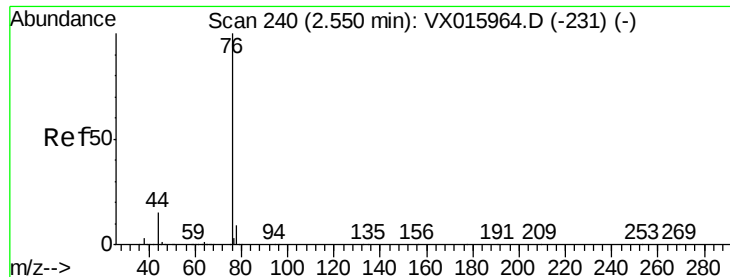
Tot Ion	53	Resp	494853
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.5	98.3
51	35.4	28.7	43.1



#16
 Acetone
 Concen: 270.205 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	43	Resp	424763
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.1	37.7





#17

Carbon Disulfide

Concen: 51.404 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

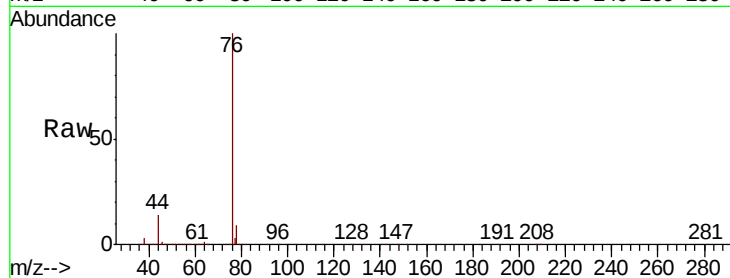
VSTDCCC050EC

Tot Ion: 76 Resp: 403368

Ion Ratio Lower Upper

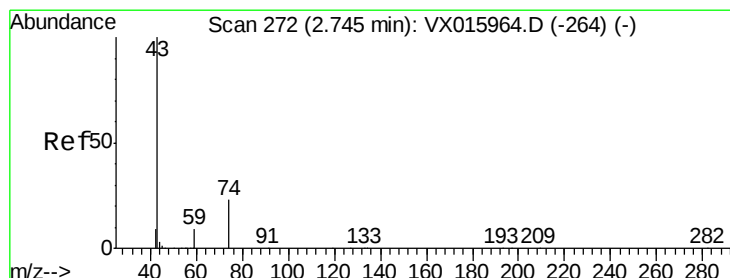
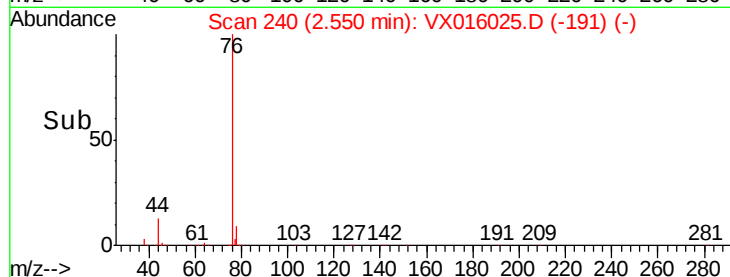
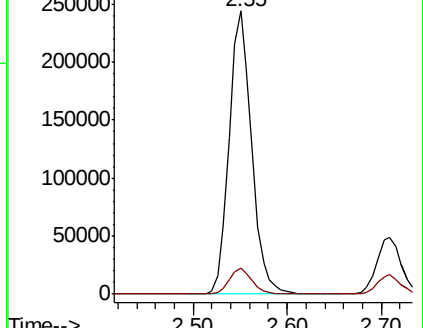
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.145 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016025.D

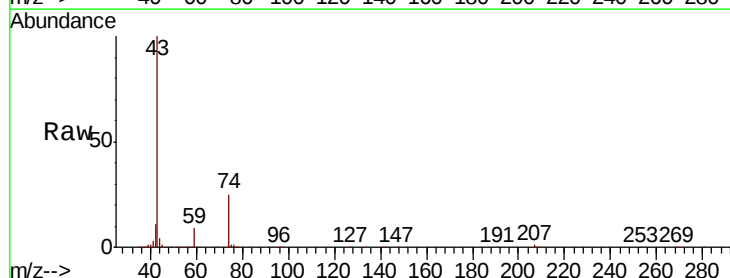
Acq: 01 May 2020 20:26

Tgt Ion: 43 Resp: 245995

Ion Ratio Lower Upper

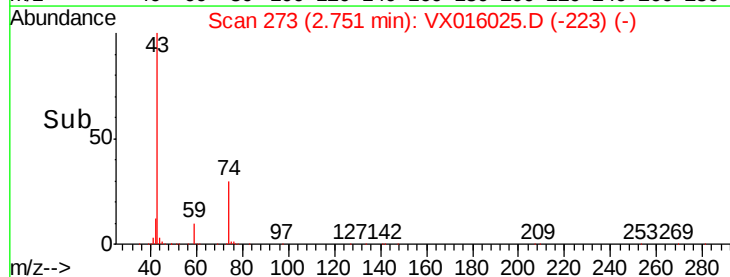
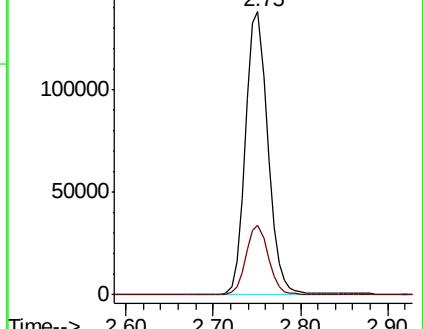
43 100

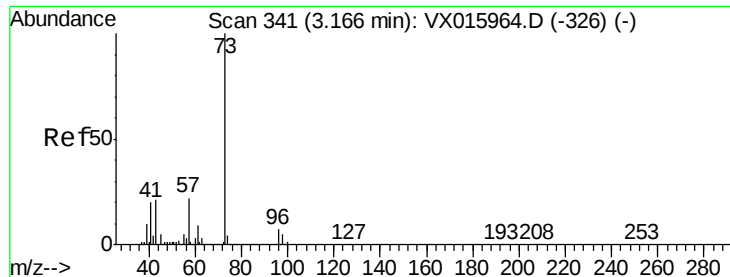
74 25.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



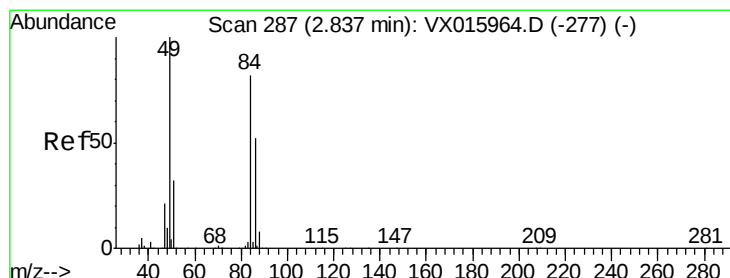
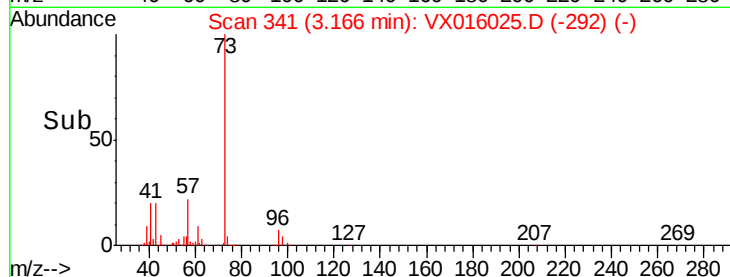
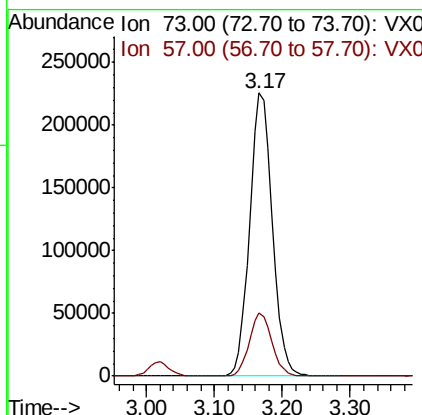
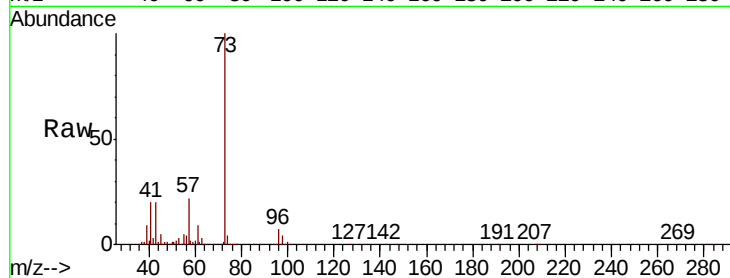


#19

Methyl tert-butyl Ether
 Concen: 53.883 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

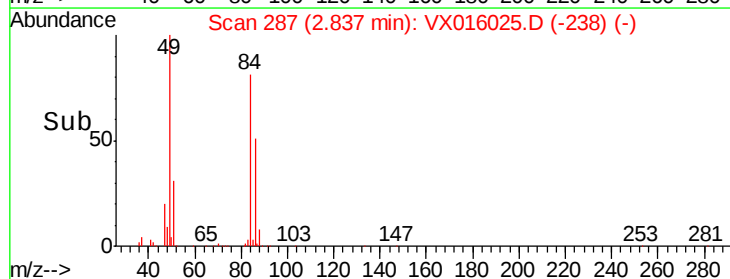
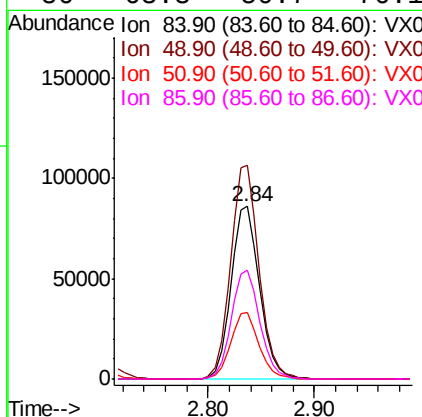
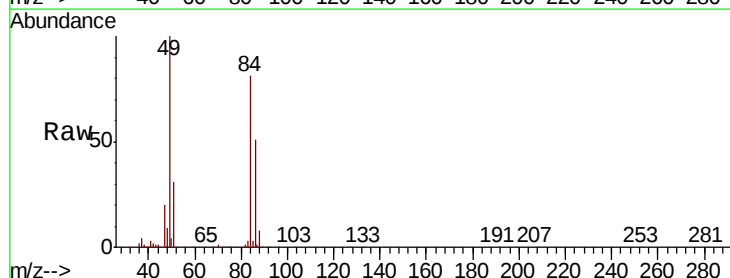
Tot Ion: 73 Resp: 524267
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.5 26.3

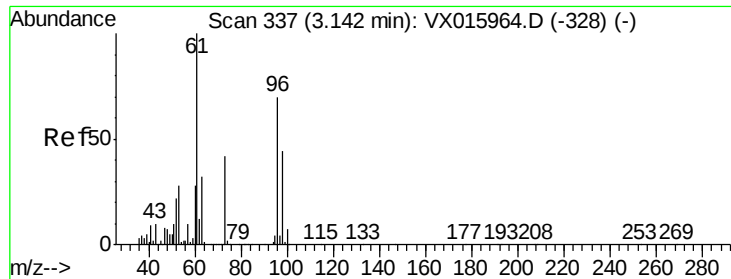


#20

Methylene Chloride
 Concen: 52.082 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion: 84 Resp: 162076
 Ion Ratio Lower Upper
 84 100
 49 123.7 97.9 146.9
 51 38.4 31.2 46.8
 86 63.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.434 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

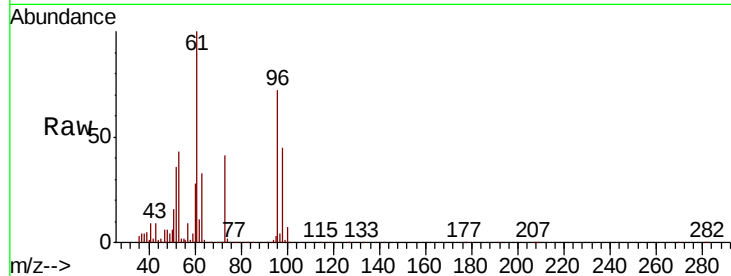
Tot Ion: 96 Resp: 152906

Ion Ratio Lower Upper

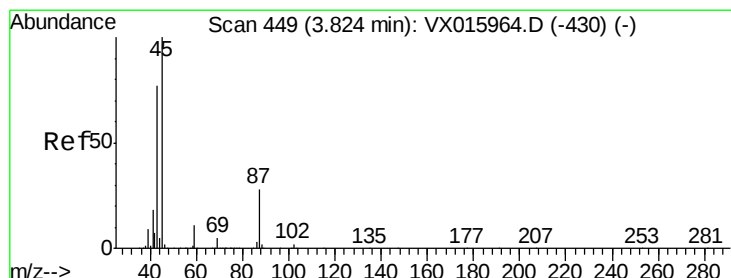
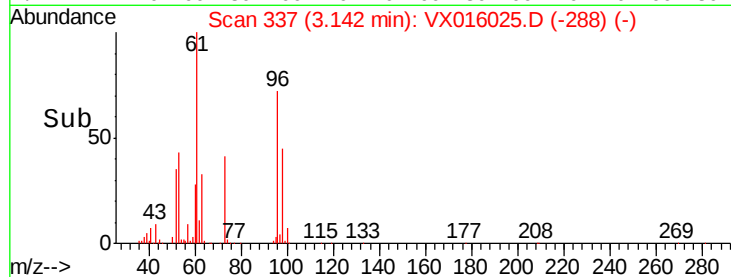
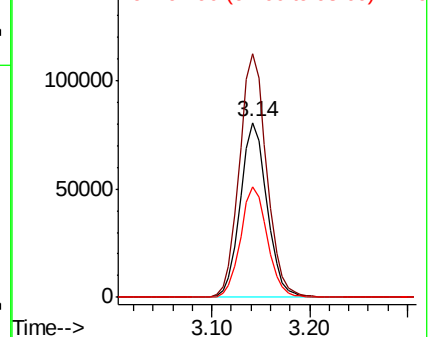
96 100

61 139.6 113.6 170.4

98 63.3 50.3 75.5



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



#22

Diisopropyl ether

Concen: 54.579 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion: 45 Resp: 520506

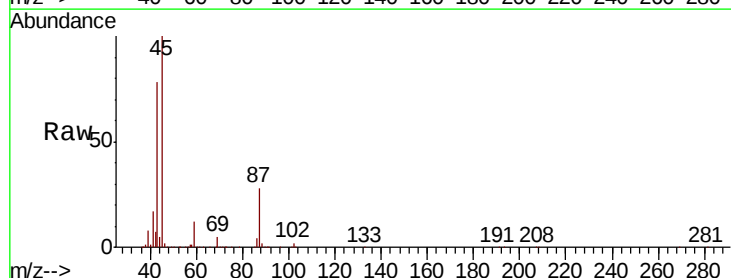
Ion Ratio Lower Upper

45 100

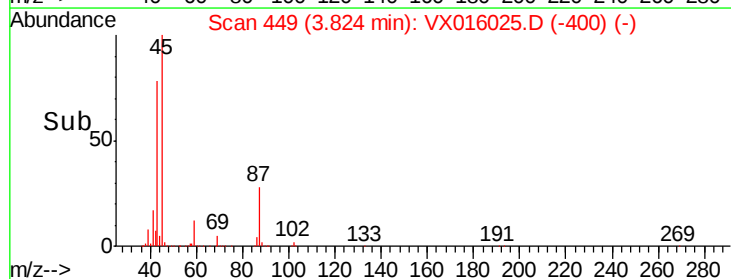
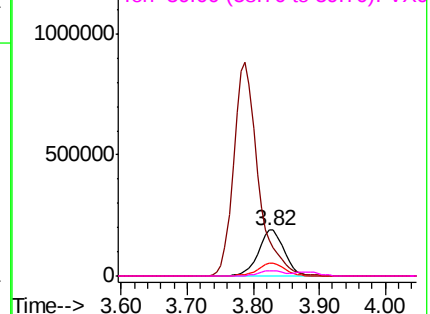
43 77.9 61.3 91.9

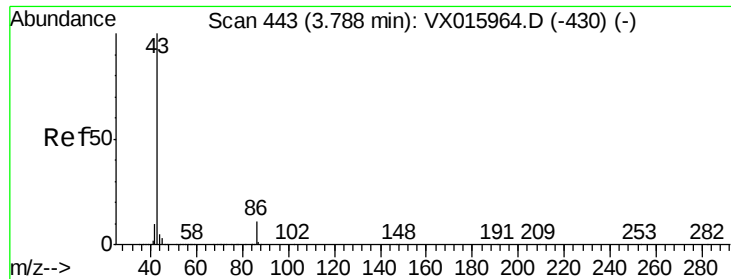
87 28.2 22.6 33.8

59 11.7 9.0 13.6



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

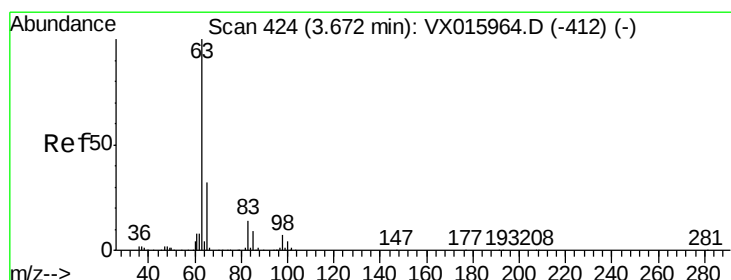
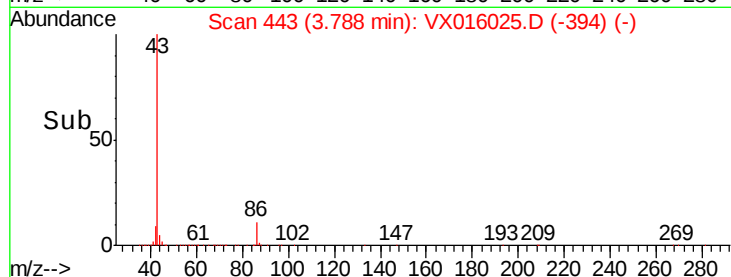
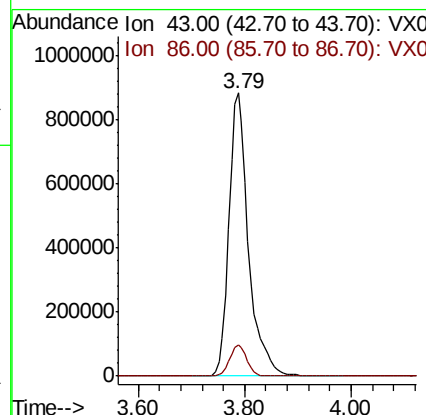
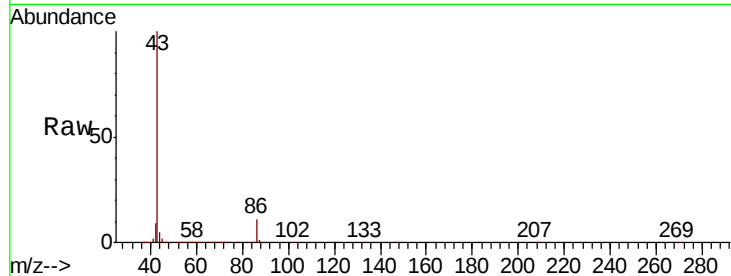




#23
 Vinyl Acetate
 Concen: 272.392 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

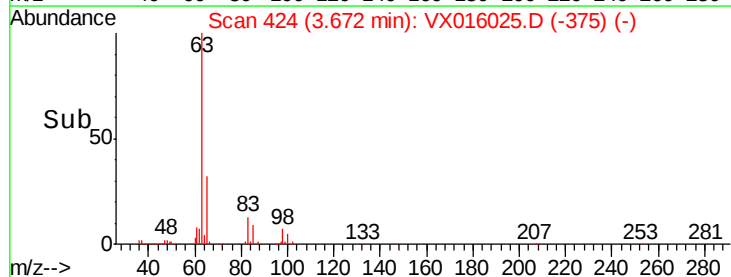
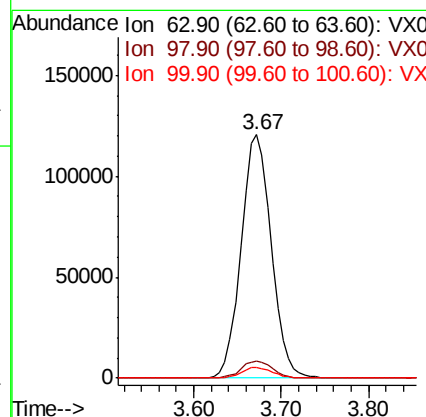
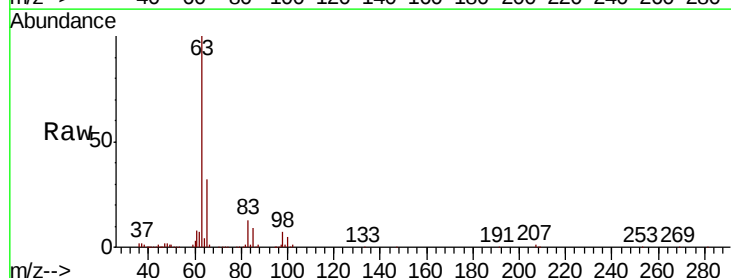
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

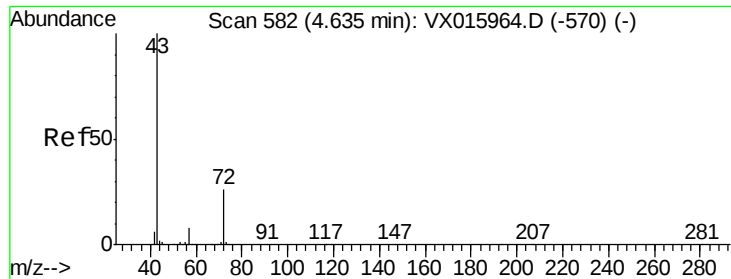
Tot Ion: 43 Resp: 2256579
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 54.311 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion: 63 Resp: 288531
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.5 2.2 6.6

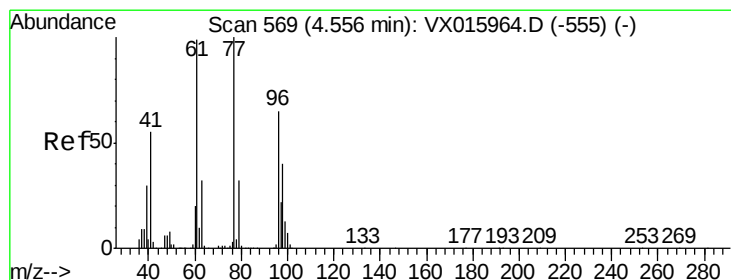
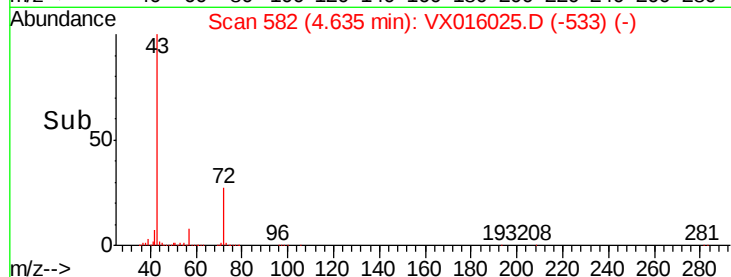
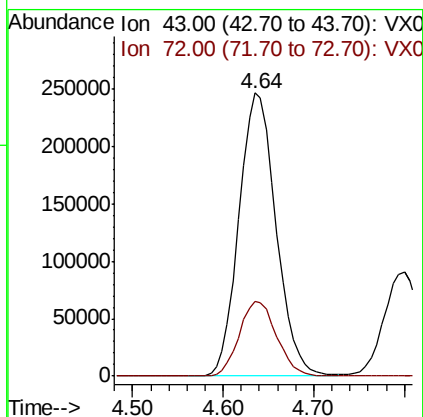
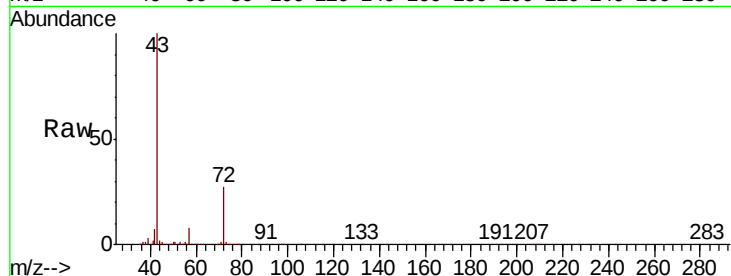




#25
2-Butanone
Concen: 273.484 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

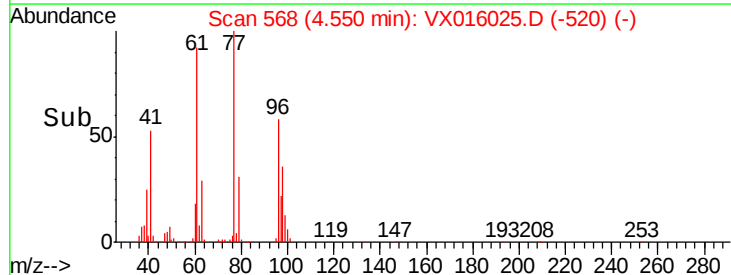
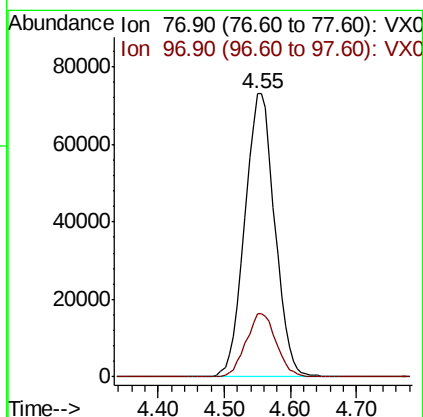
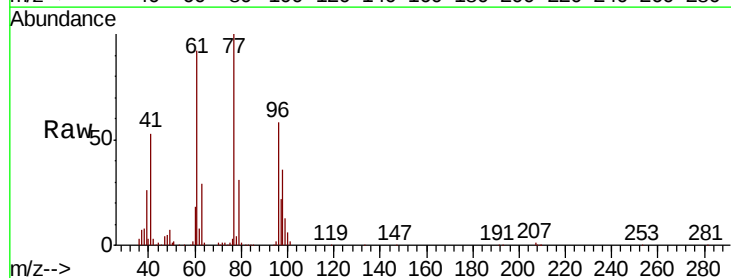
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

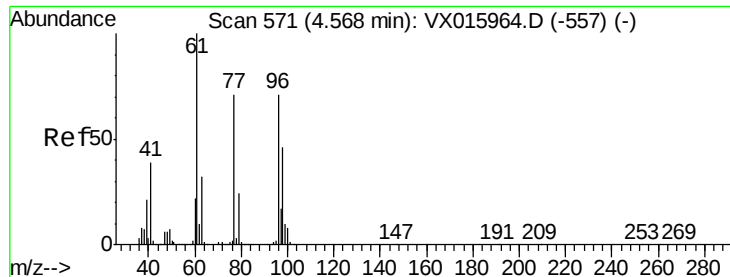
Tot Ion: 43 Resp: 696674
Ion Ratio Lower Upper
43 100
72 26.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 47.513 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 77 Resp: 230792
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.3



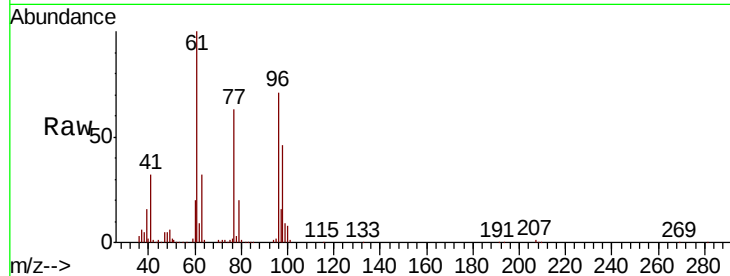


#27

cis-1,2-Dichloroethene
Concen: 51.777 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	294.2
98	64.0	0.0	127.4

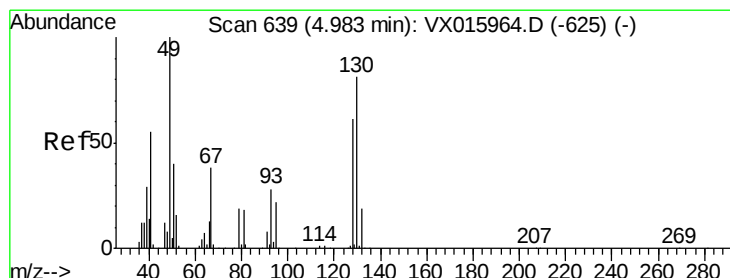
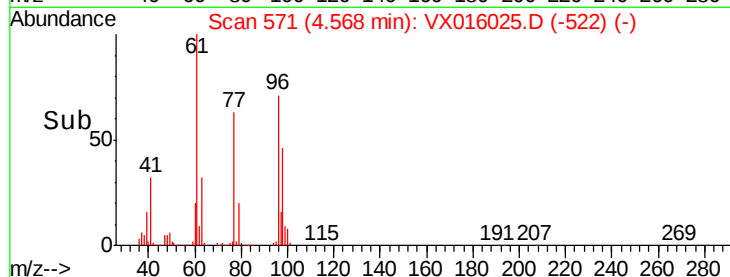
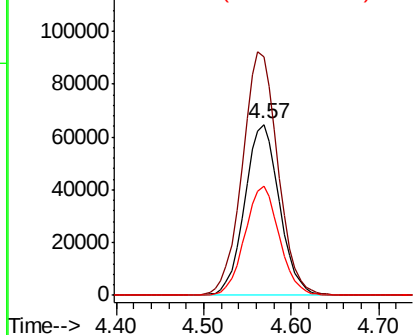


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

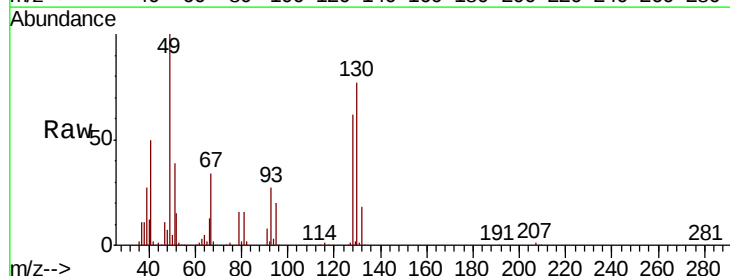
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 52.830 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	77.5	63.9	95.9

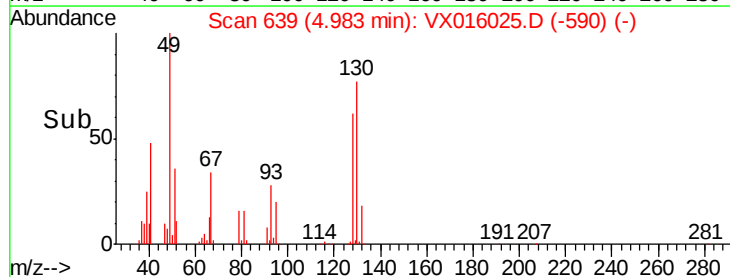
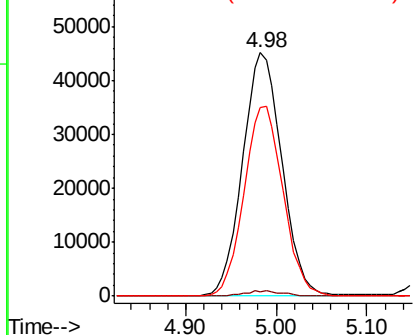


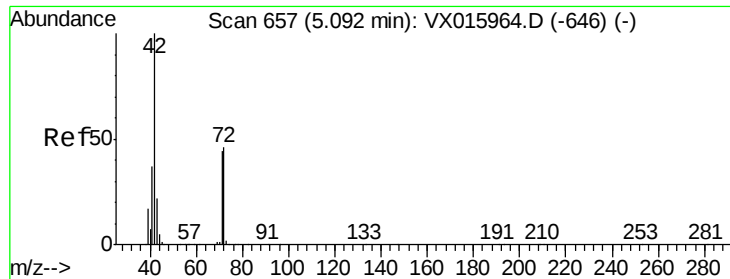
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 272.888 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

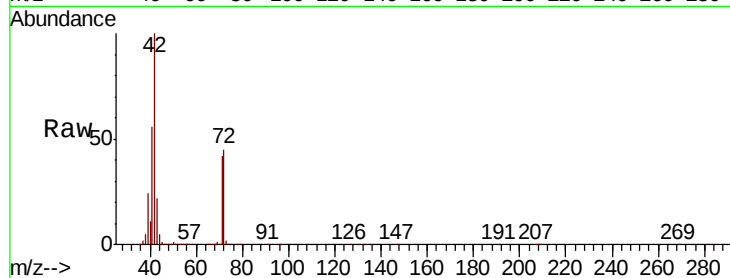
Tot Ion: 42 Resp: 455575

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.0

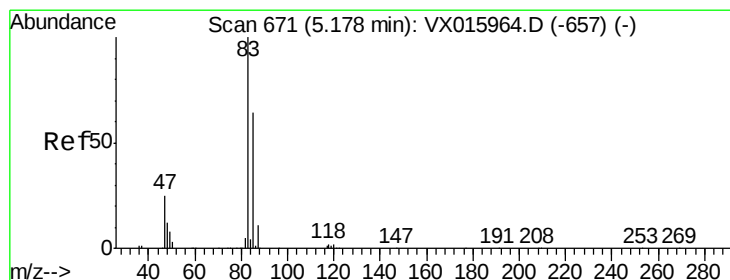
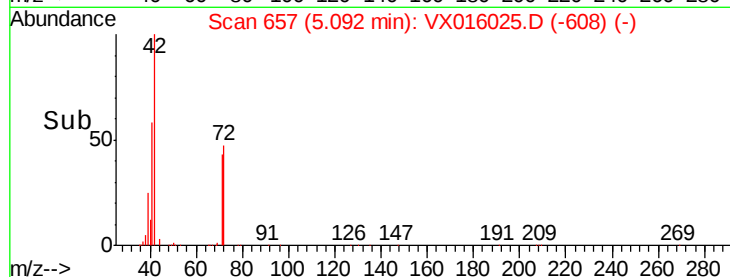
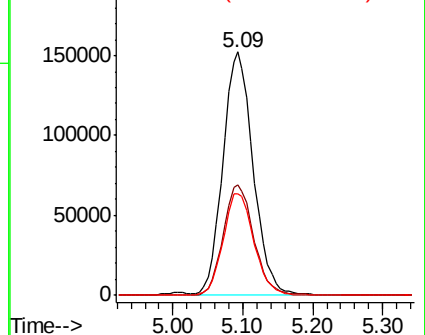
71 42.8 34.6 52.0



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: 51.865 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016025.D

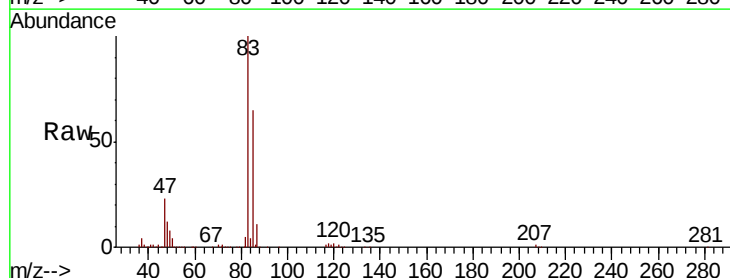
Acq: 01 May 2020 20:26

Tgt Ion: 83 Resp: 286517

Ion Ratio Lower Upper

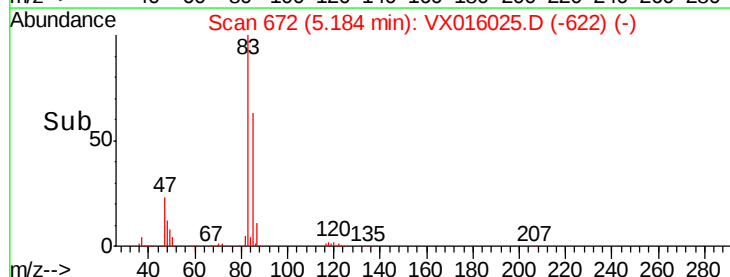
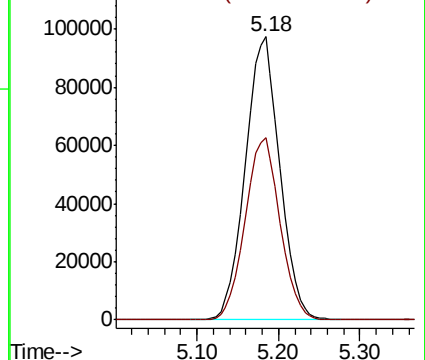
83 100

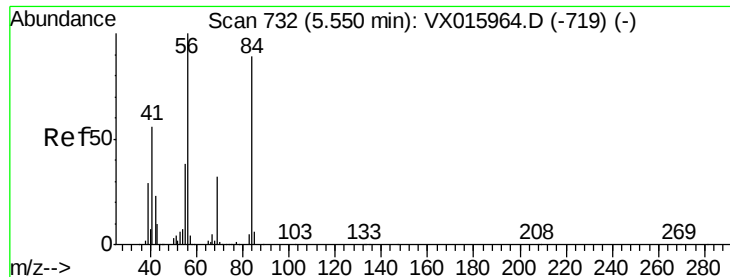
85 64.6 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

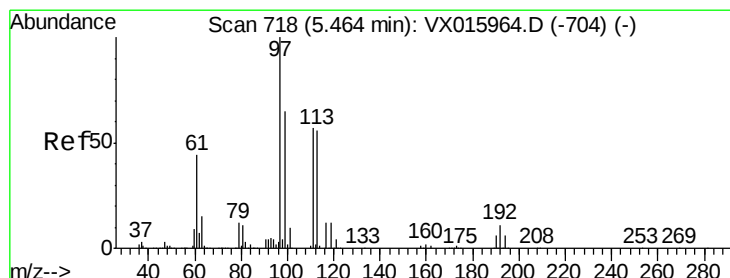
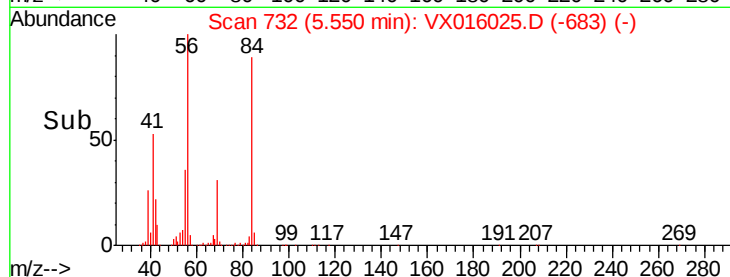
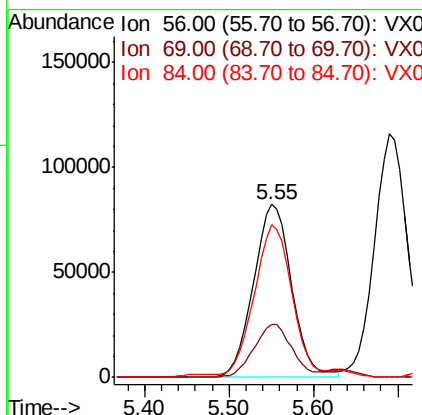
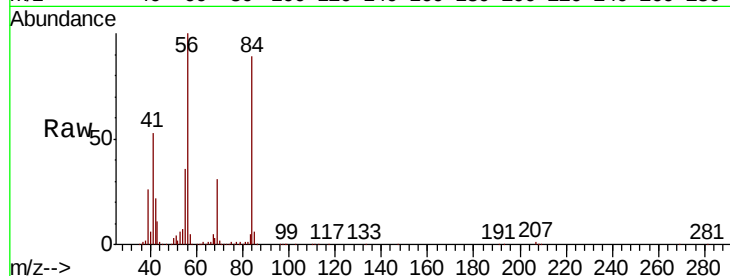




#31
Cyclohexane
Concen: 54.053 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

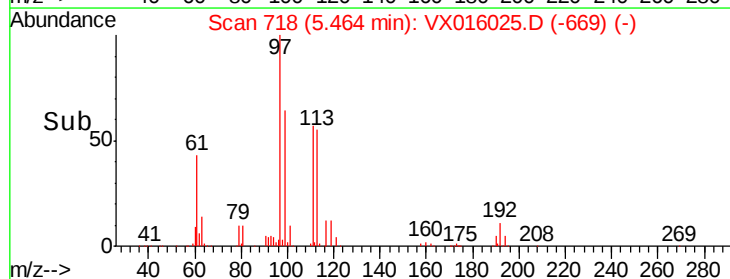
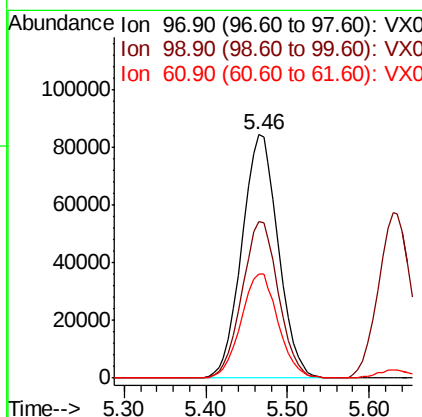
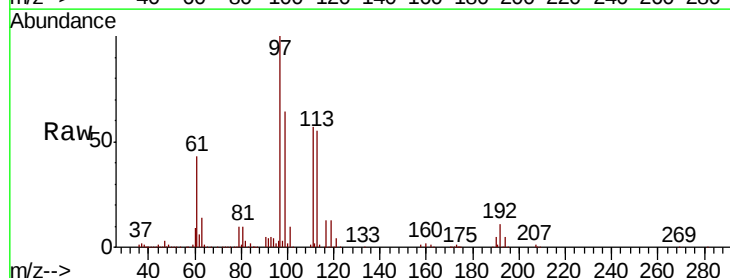
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

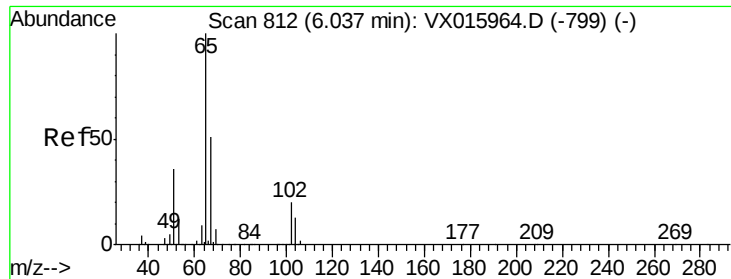
Tot Ion: 56 Resp: 255642
Ion Ratio Lower Upper
56 100
69 30.8 25.4 38.2
84 87.2 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 51.324 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 97 Resp: 261049
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 43.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 48.676 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

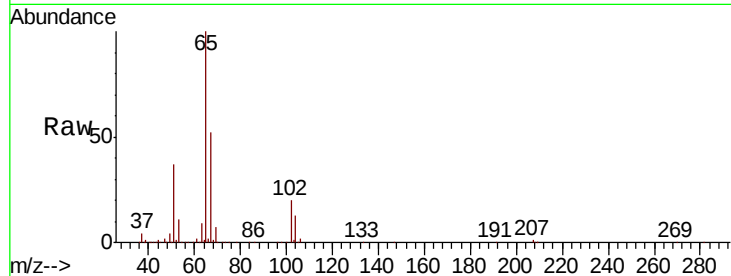
VSTDCCC050EC

Tot Ion: 65 Resp: 178943

Ion Ratio Lower Upper

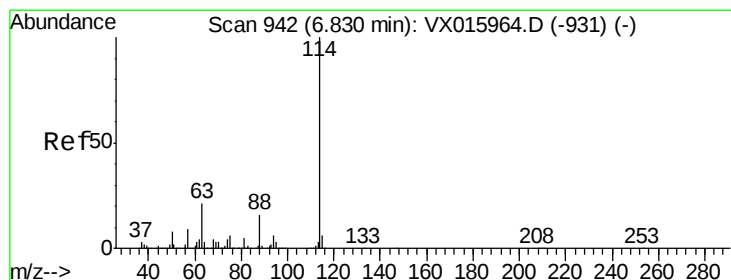
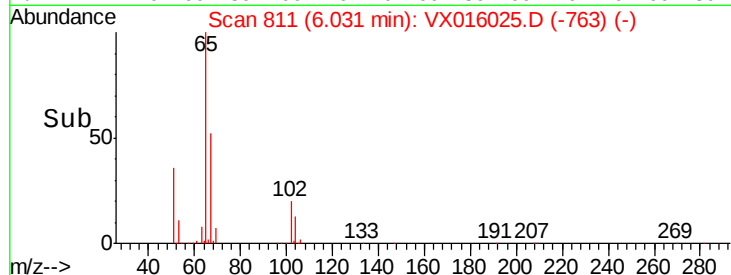
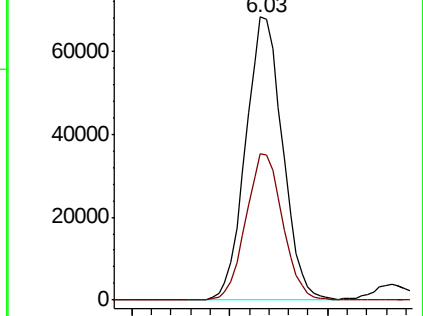
65 100

67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

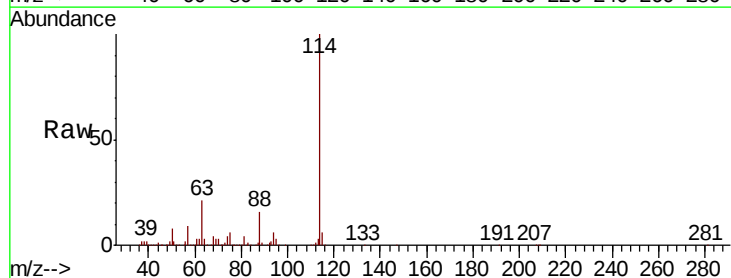
Tgt Ion: 114 Resp: 465825

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.2

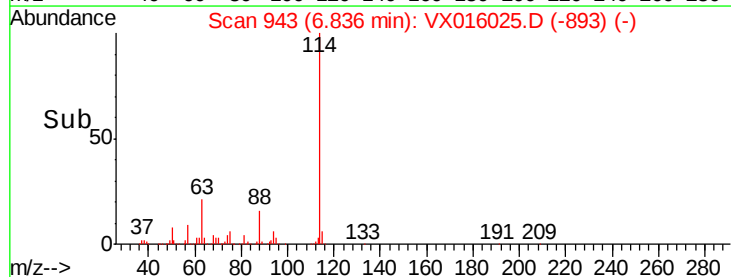
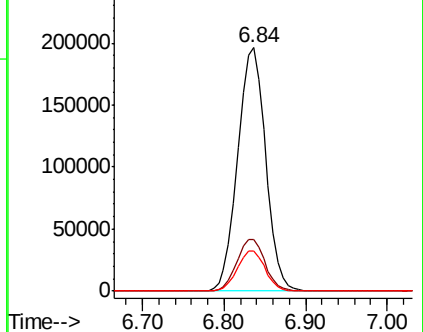
88 16.5 0.0 31.8

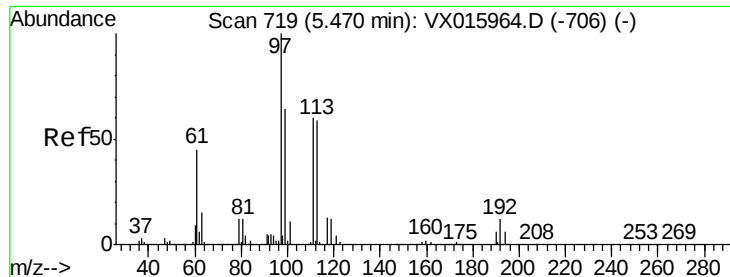


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

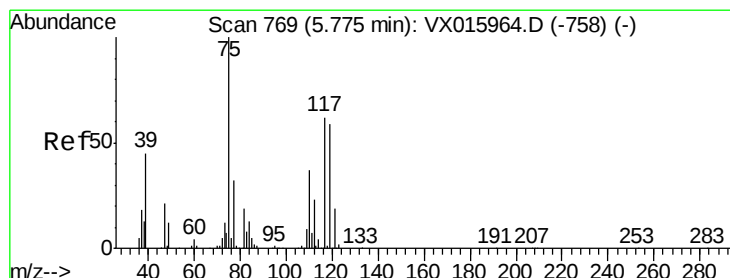
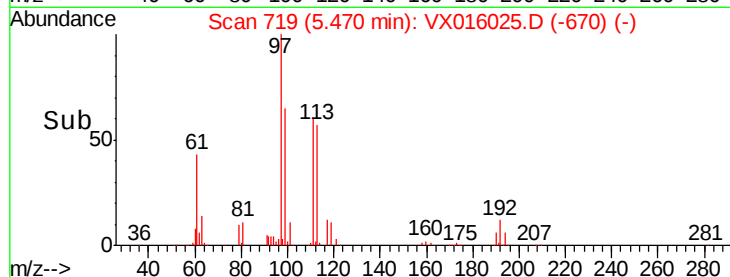
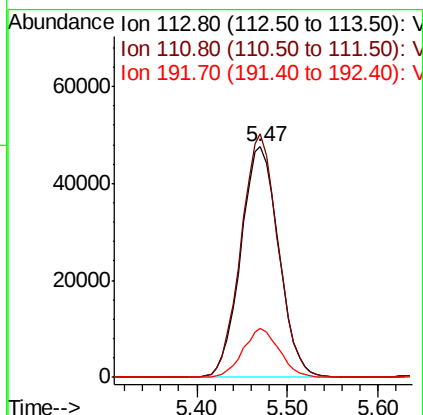
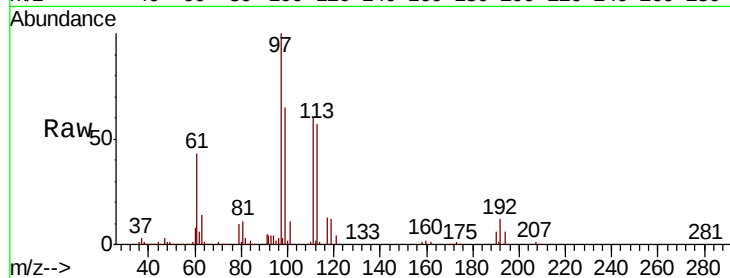




#35
 Dibromofluoromethane
 Concen: 47.502 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

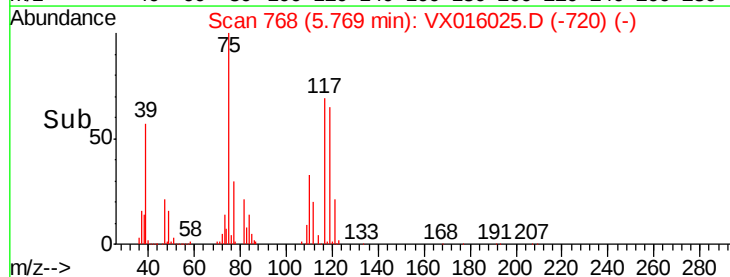
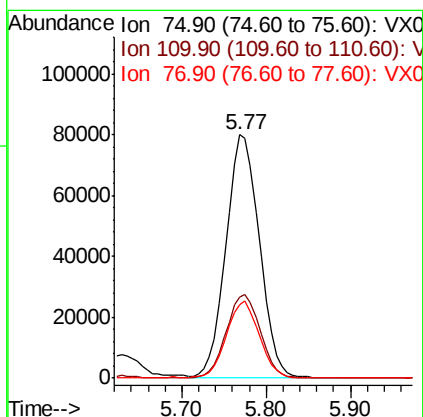
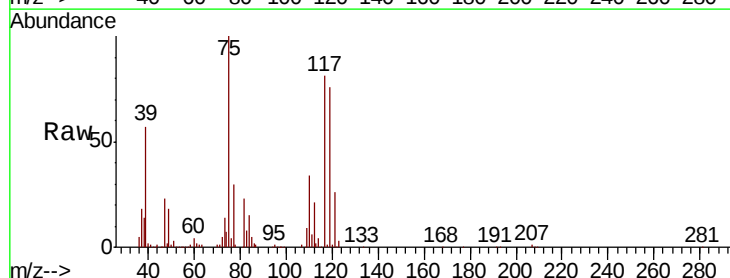
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

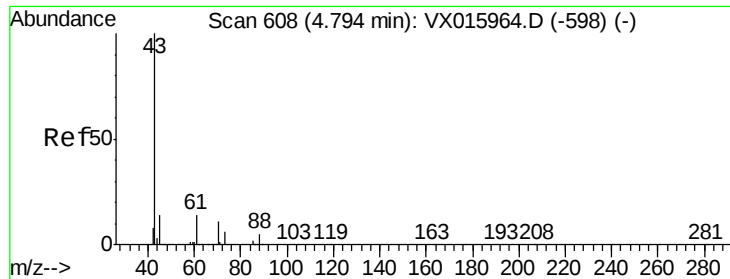
Tot Ion:113 Resp: 138033
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 20.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 48.589 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion: 75 Resp: 215574
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.9 53.7
 77 31.2 25.2 37.8

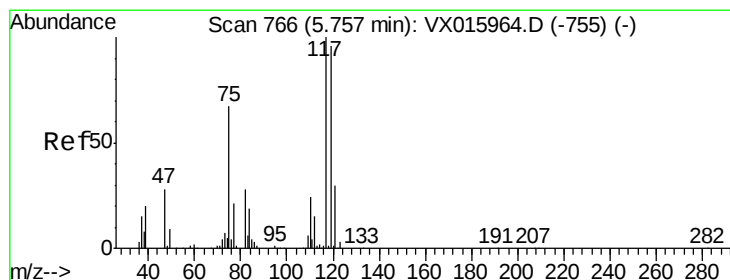
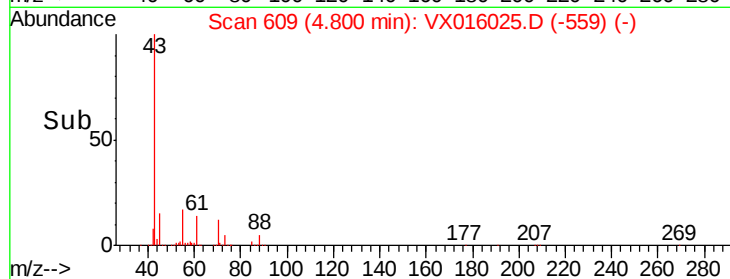
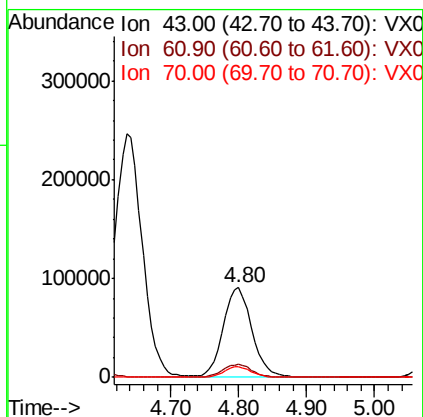
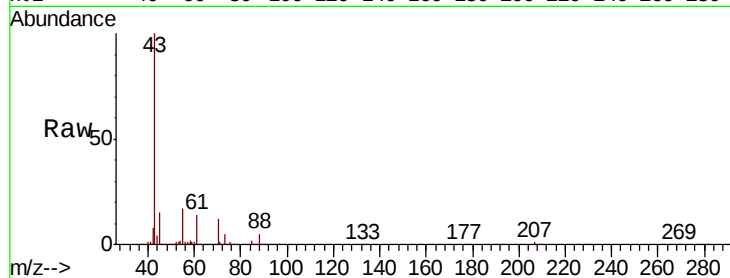




#37
Ethyl Acetate
Concen: 52.405 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

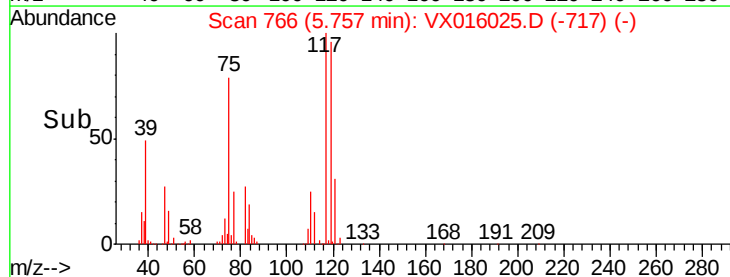
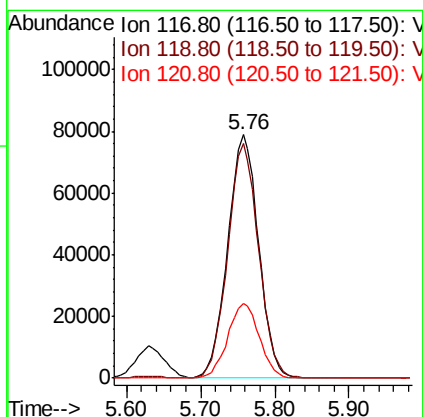
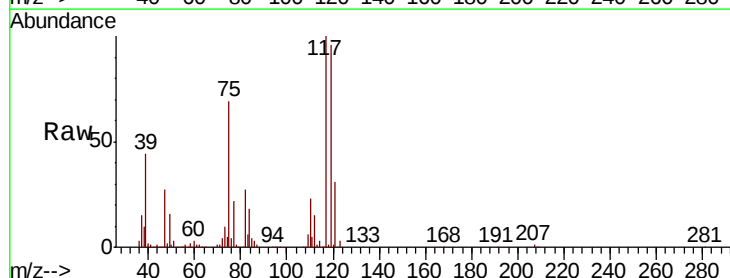
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

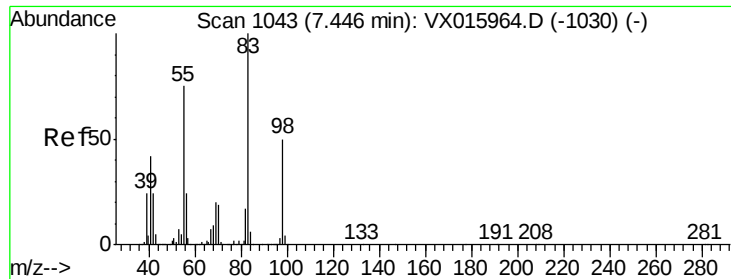
Tot Ion:	43	Resp:	266606
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.6	17.4
70	11.3	8.9	13.3



#38
Carbon Tetrachloride
Concen: 48.909 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion:	117	Resp:	229200
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.4
121	30.9	24.2	36.4

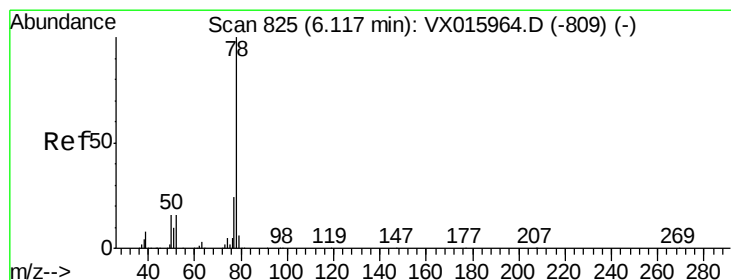
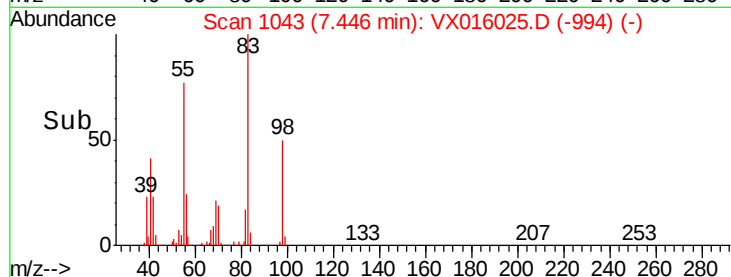
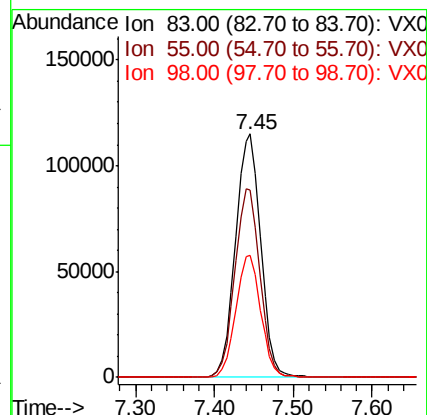
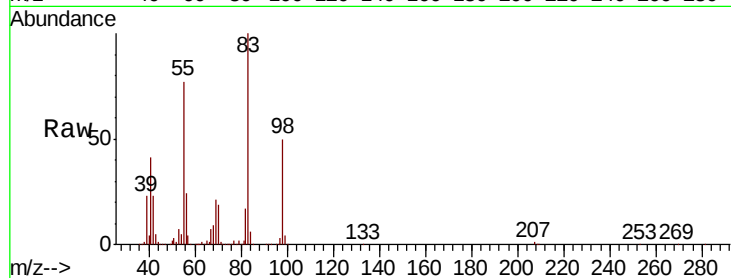




#39
Methvlcvclohexane
Concen: 49.981 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

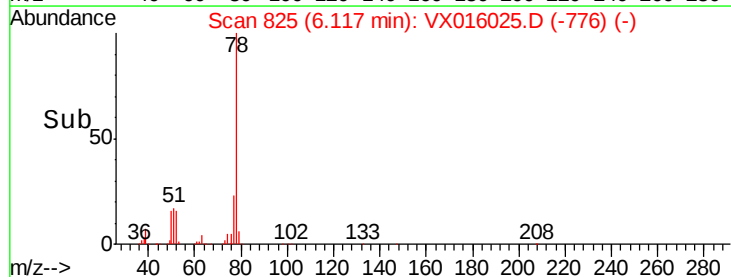
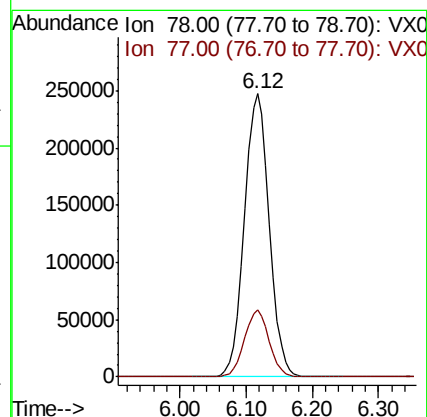
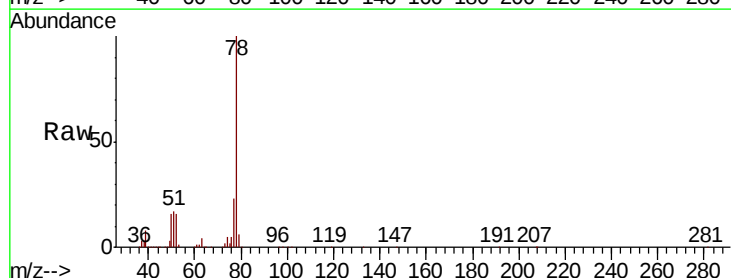
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

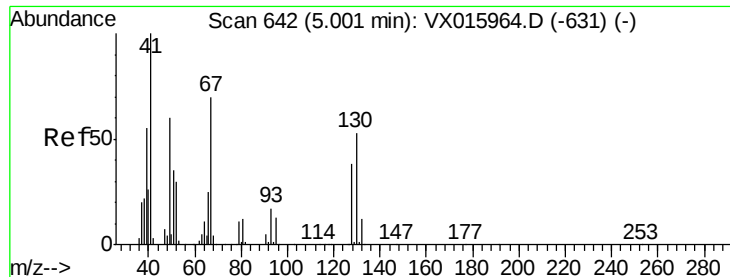
Tot Ion: 83 Resp: 256503
Ion Ratio Lower Upper
83 100
55 77.0 59.9 89.9
98 50.2 39.9 59.9



#40
Benzene
Concen: 50.851 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 78 Resp: 643735
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41

Methacrylonitrile

Concen: 51.761 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 140953

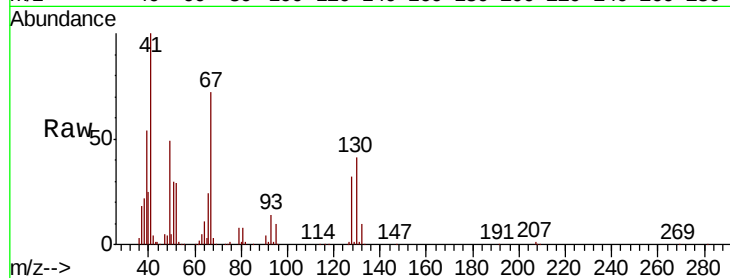
Ion Ratio Lower Upper

41 100

39 56.0 45.2 67.8

67 75.2 59.4 89.2

52 29.9 25.4 38.0

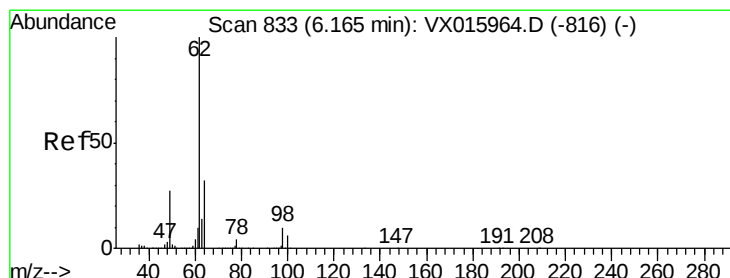
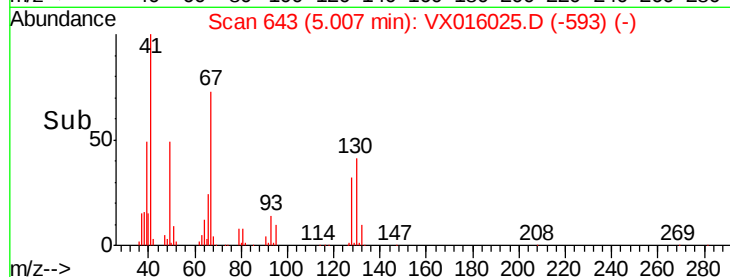
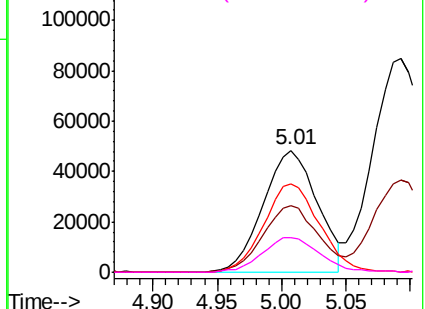


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.508 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX016025.D

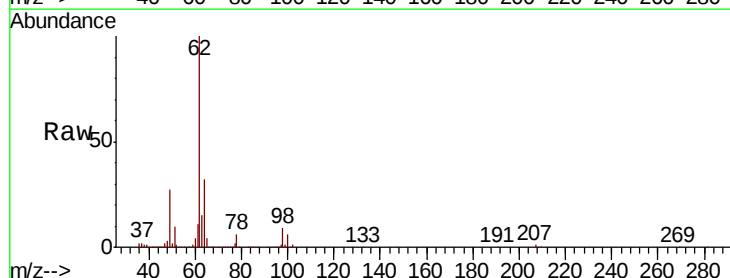
Acq: 01 May 2020 20:26

Tgt Ion: 62 Resp: 237933

Ion Ratio Lower Upper

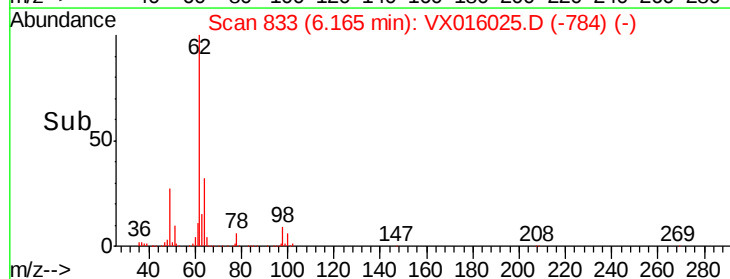
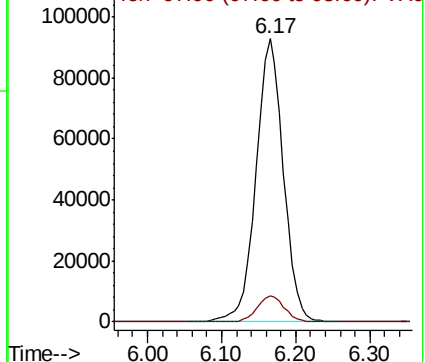
62 100

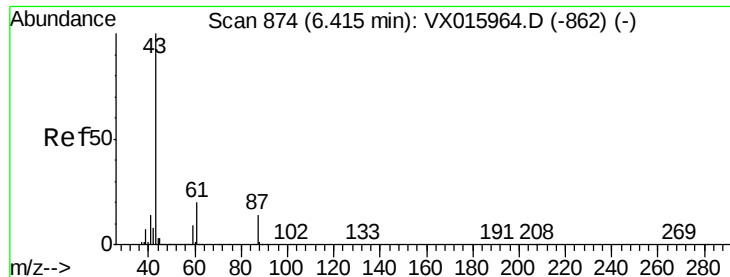
98 9.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



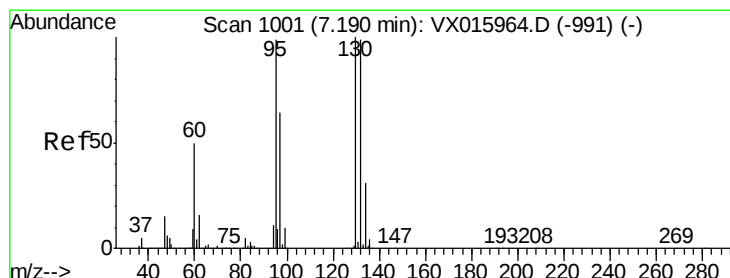
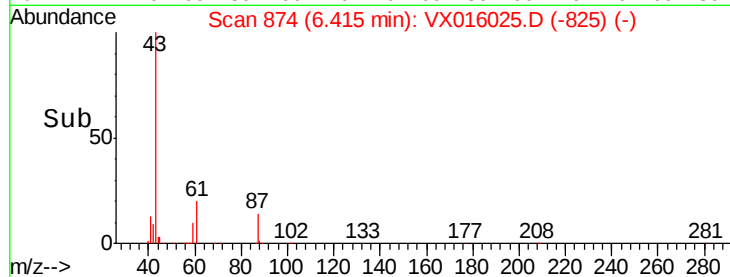
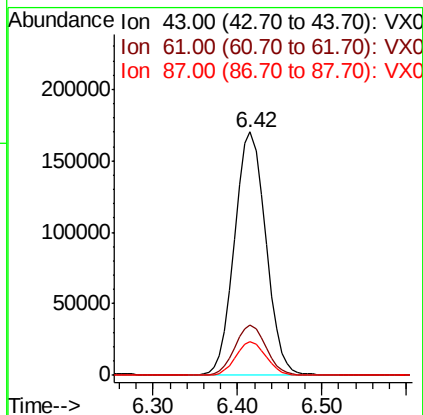
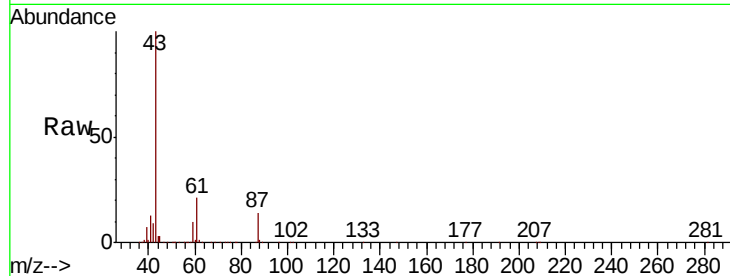


#43

Isopropyl Acetate
 Concen: 50.440 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

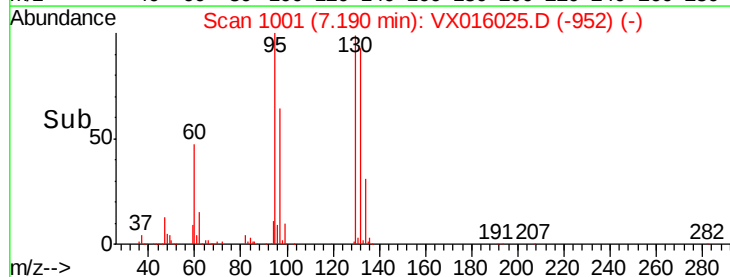
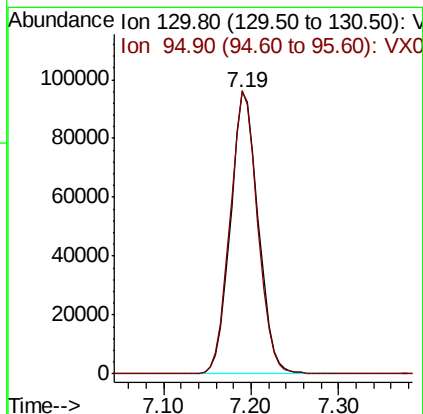
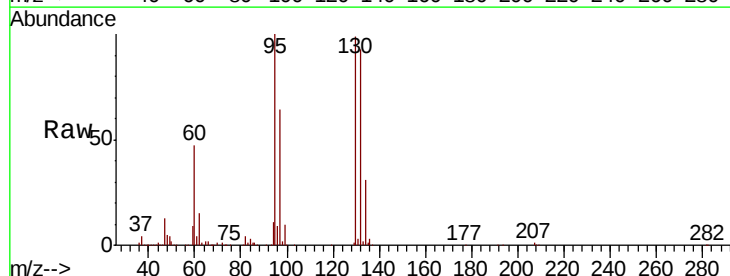
Tot Ion: 43 Resp: 424932
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.1 24.1
 87 13.5 10.9 16.3

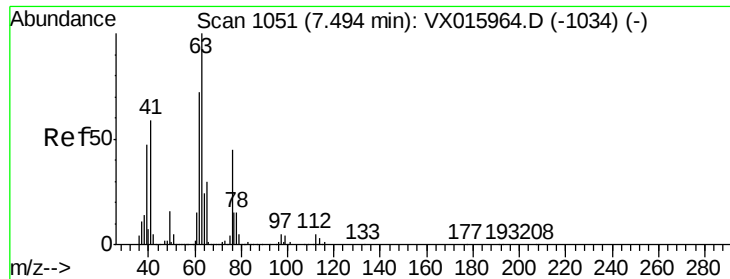


#44

Trichloroethene
 Concen: 46.492 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion: 130 Resp: 212140
 Ion Ratio Lower Upper
 130 100
 95 100.5 0.0 197.4





#45

1,2-Dichloropropane

Concen: 51.438 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

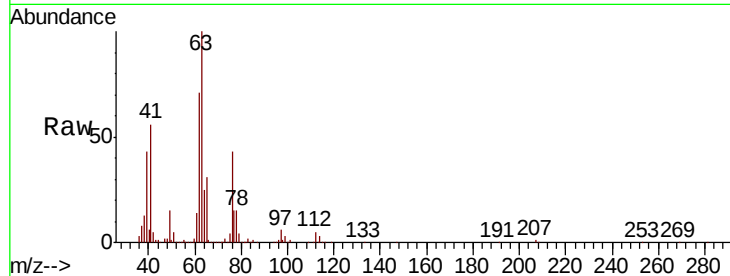
VSTDCCC050EC

Tot Ion: 63 Resp: 168289

Ion Ratio Lower Upper

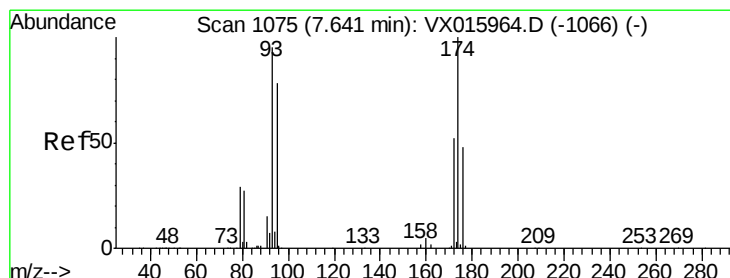
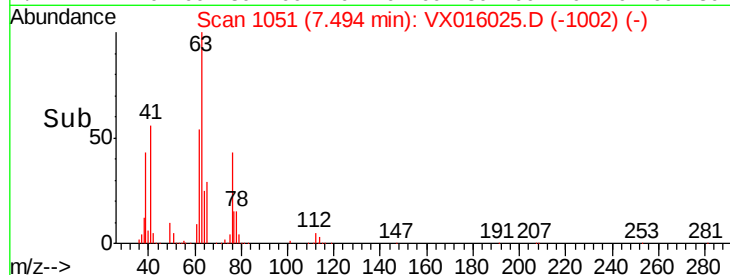
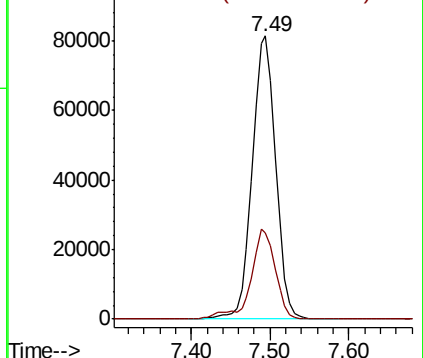
63 100

65 30.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.759 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

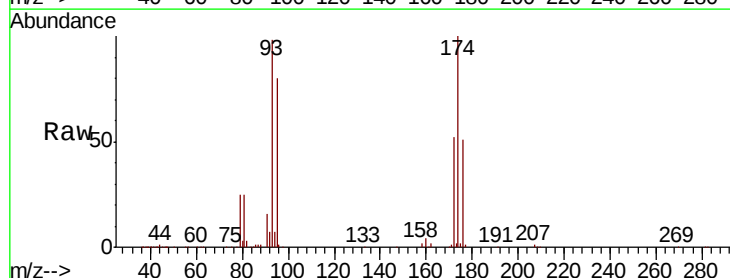
Tgt Ion: 93 Resp: 113352

Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

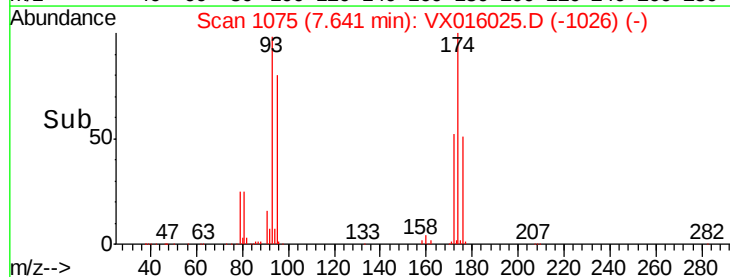
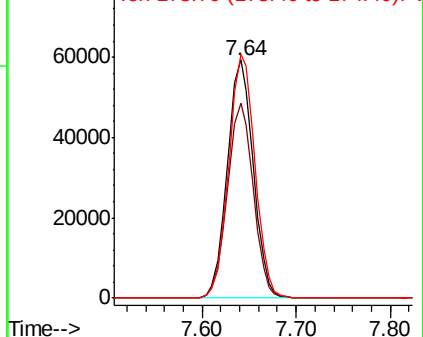
174 103.1 82.7 124.1

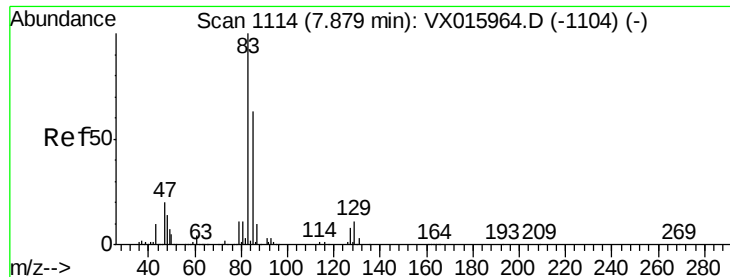


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.058 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

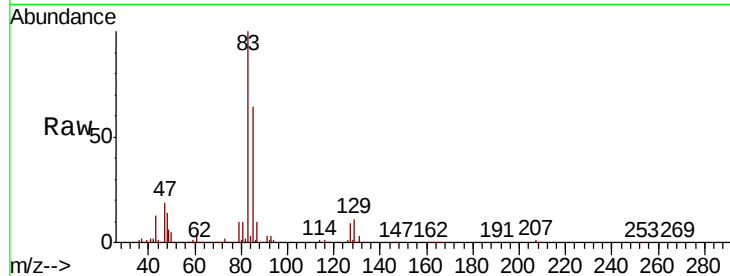
Tot Ion: 83 Resp: 235874

Ion Ratio Lower Upper

83 100

85 64.5 50.6 75.8

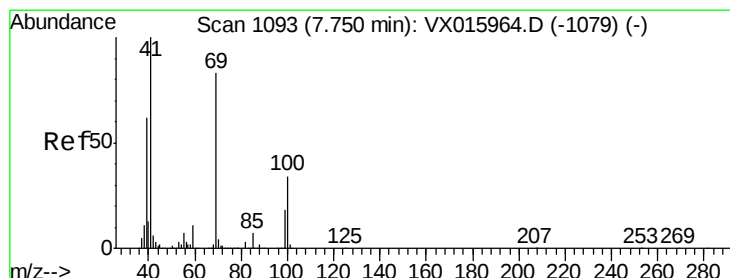
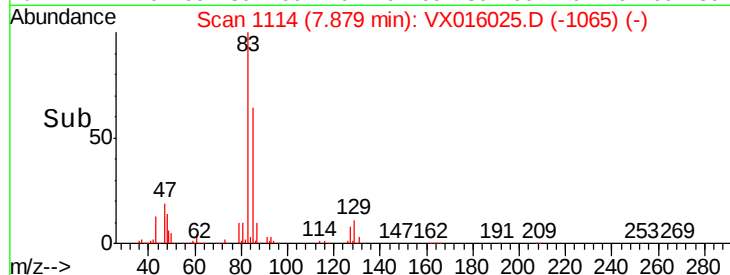
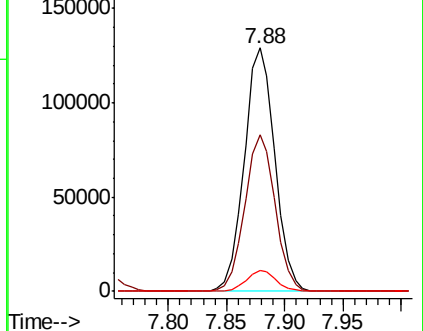
127 8.5 6.7 10.1



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: 51.998 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

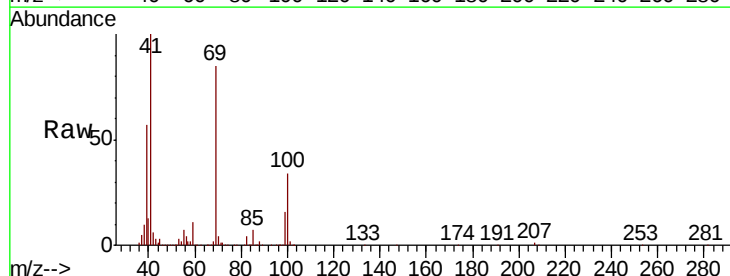
Tgt Ion: 41 Resp: 202252

Ion Ratio Lower Upper

41 100

69 84.3 66.0 99.0

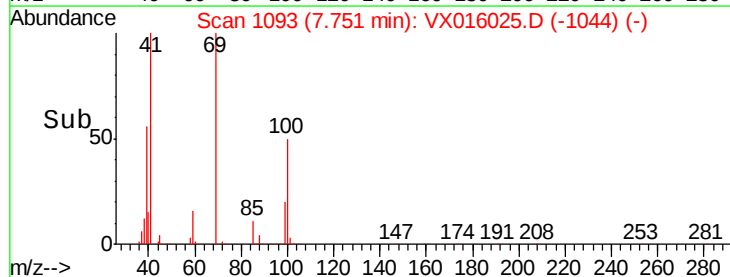
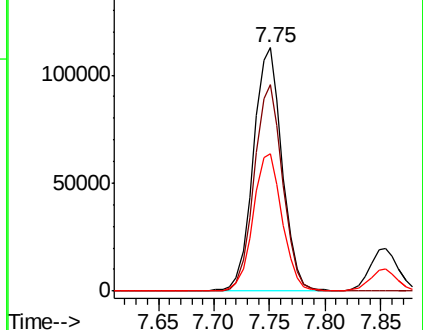
39 57.0 49.0 73.4

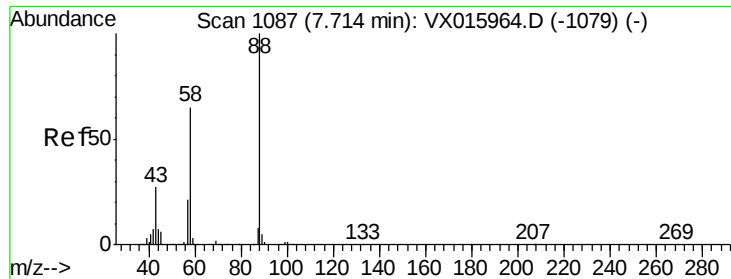


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1010.115 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

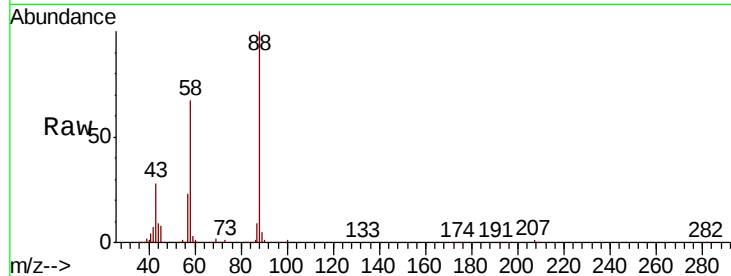
Tot Ion: 88 Resp: 92429

Ion Ratio Lower Upper

88 100

43 31.9 26.6 39.8

58 70.4 54.8 82.2

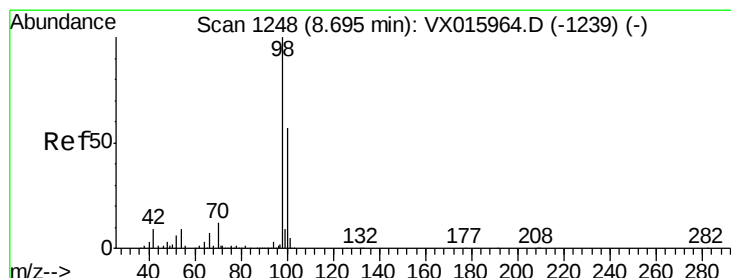
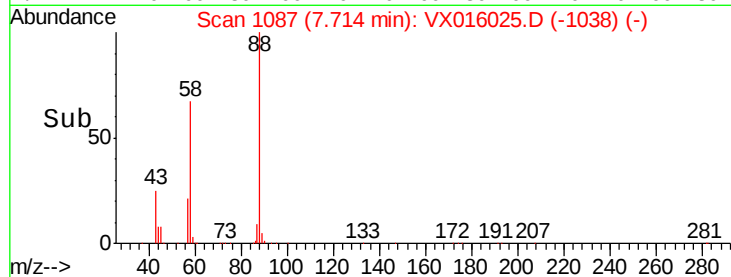
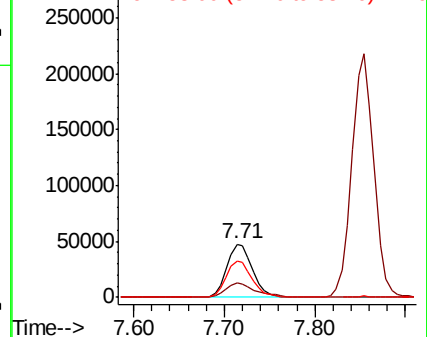


Abundance

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: 48.193 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016025.D

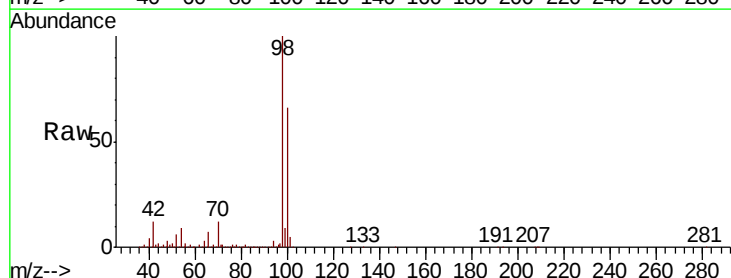
Acq: 01 May 2020 20:26

Tgt Ion: 98 Resp: 523603

Ion Ratio Lower Upper

98 100

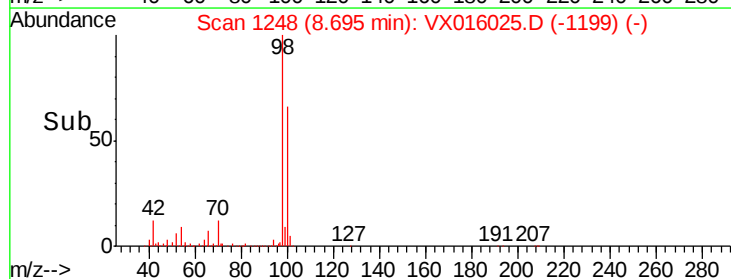
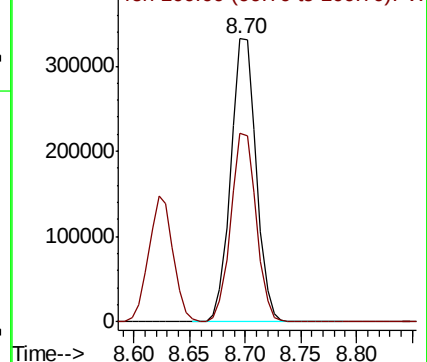
100 66.7 53.1 79.7

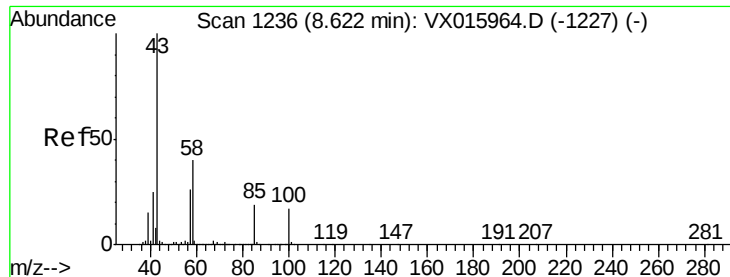


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

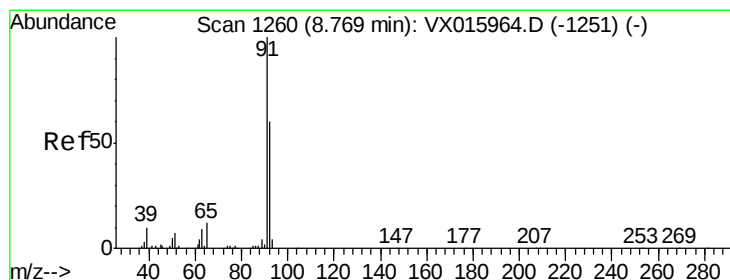
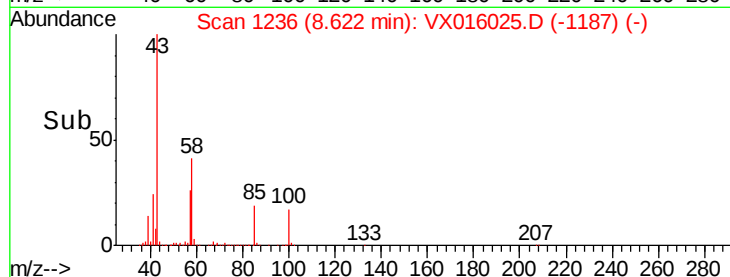
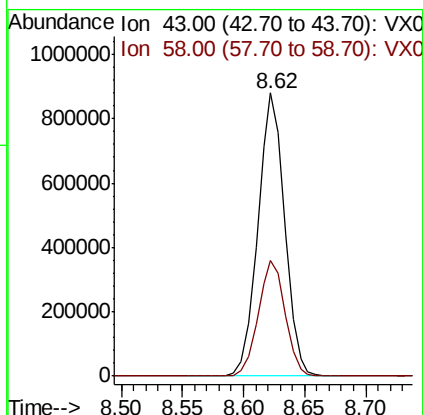
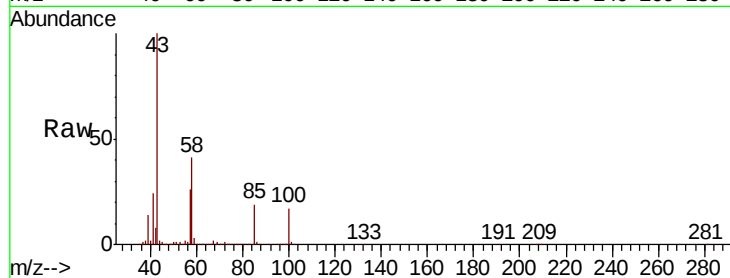




#51
4-Methyl-2-Pentanone
Concen: 261.893 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

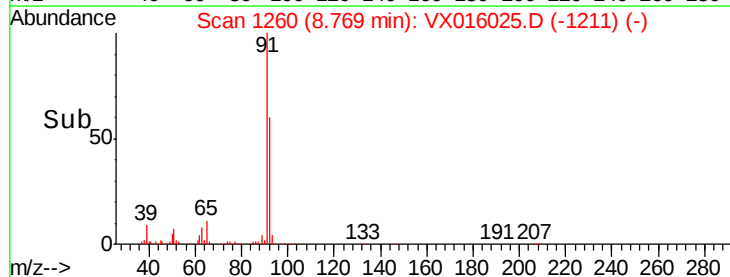
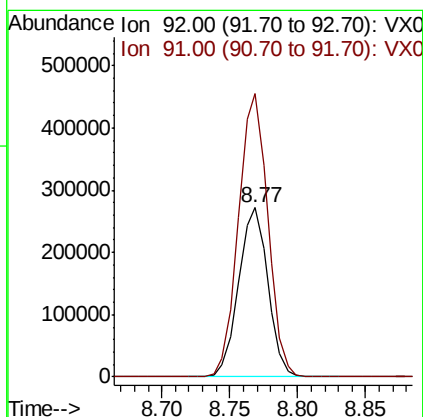
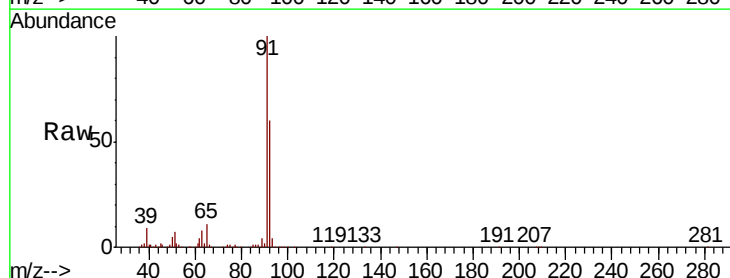
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

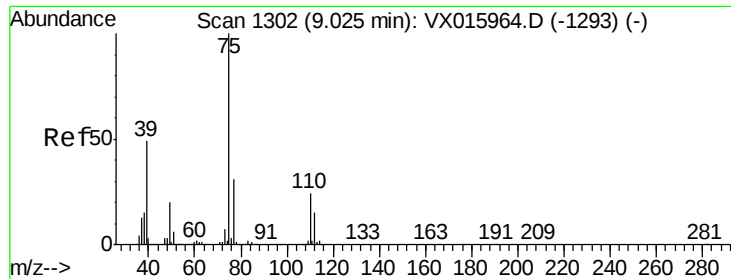
Tot Ion: 43 Resp: 1338284
Ion Ratio Lower Upper
43 100
58 41.1 32.0 48.0



#52
Toluene
Concen: 50.745 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 92 Resp: 407768
Ion Ratio Lower Upper
92 100
91 168.6 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 49.403 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

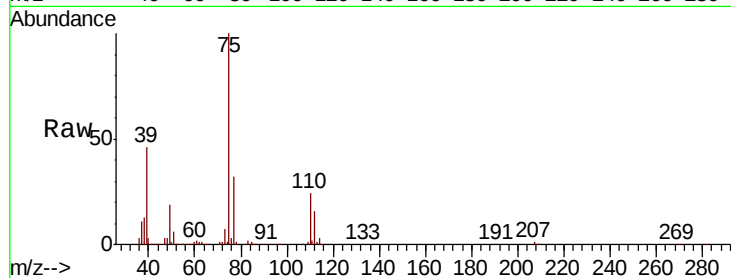
VSTDCCC050EC

Tot Ion: 75 Resp: 270803

Ion Ratio Lower Upper

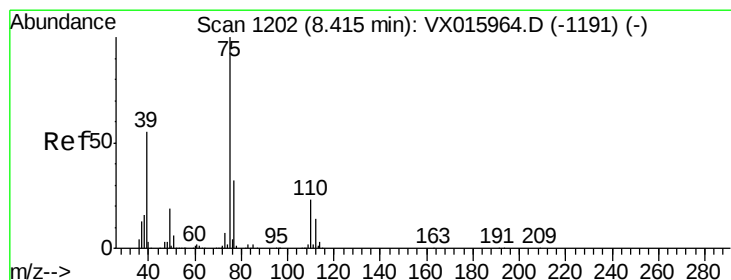
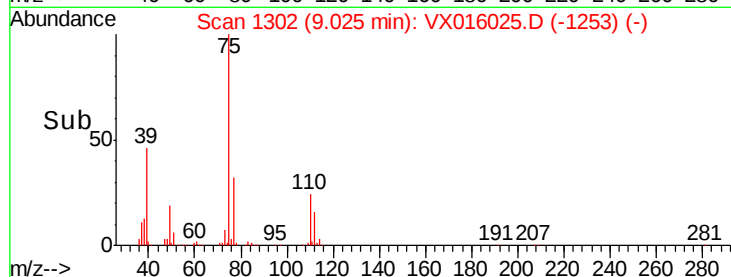
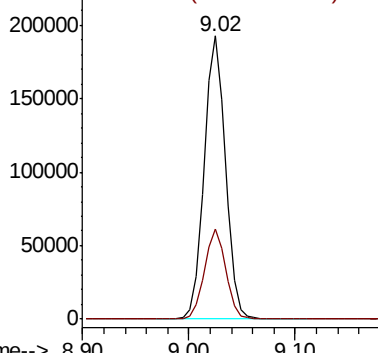
75 100

77 31.7 24.9 37.3



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: 49.528 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

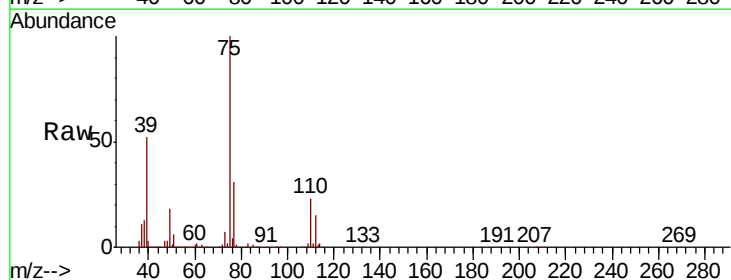
Tgt Ion: 75 Resp: 279222

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

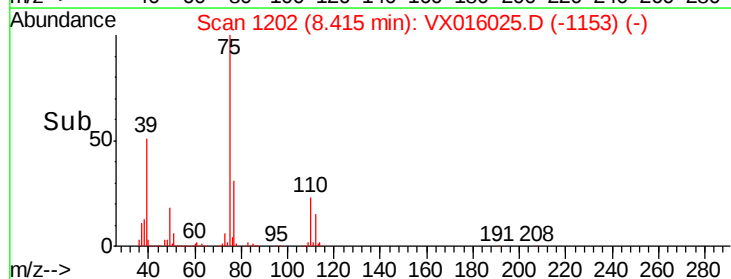
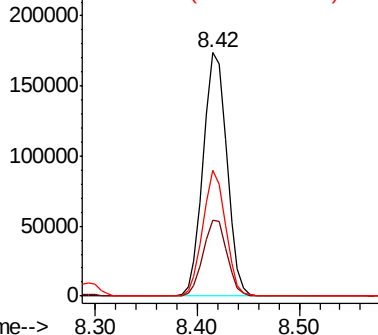
39 51.4 44.1 66.1

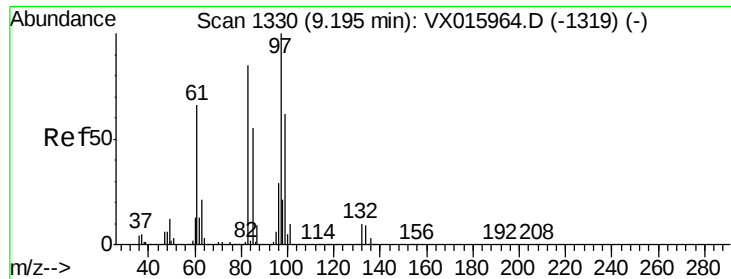


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

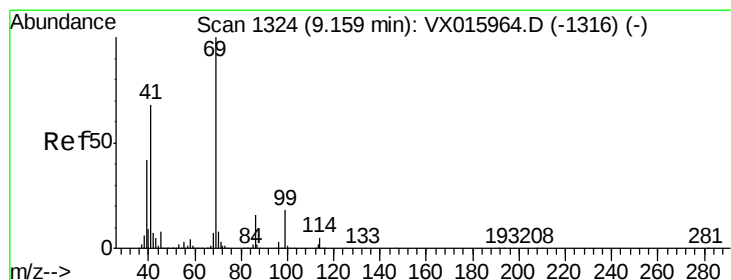
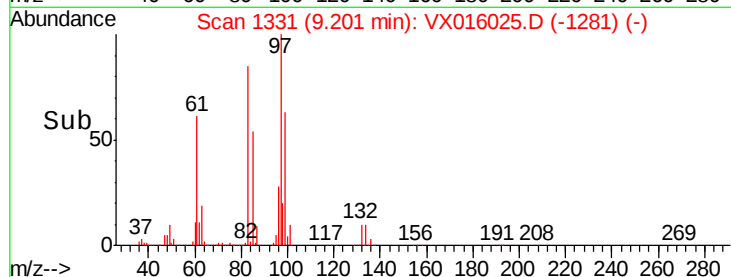
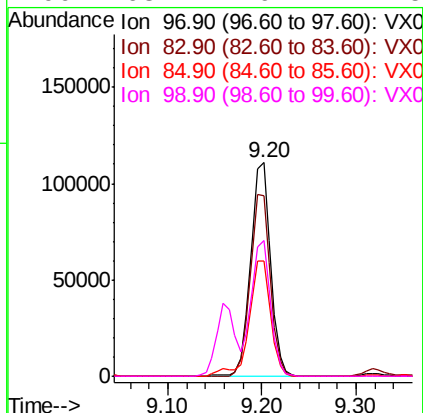
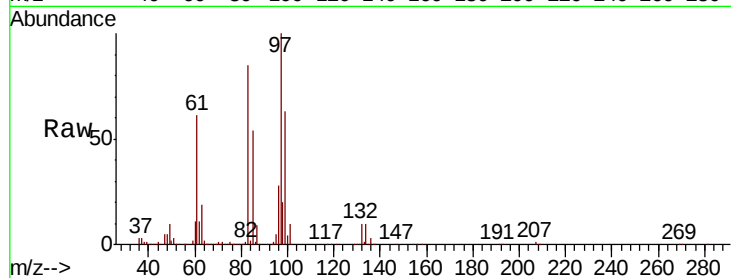




#55
 1,1,2-Trichloroethane
 Concen: 51.648 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

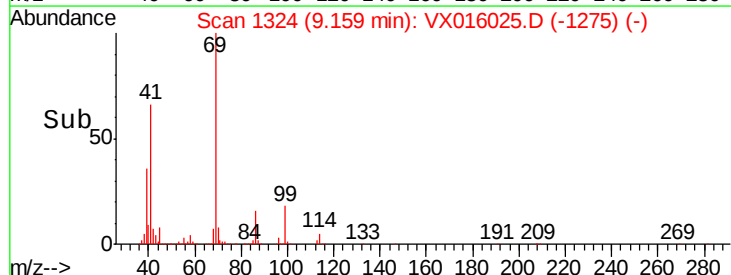
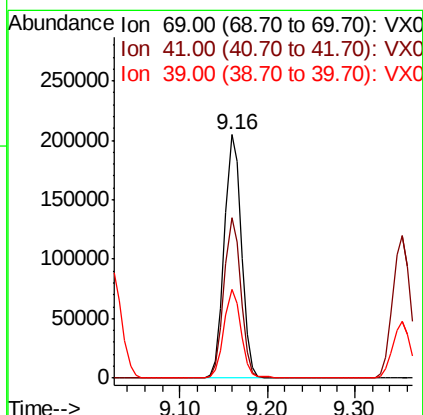
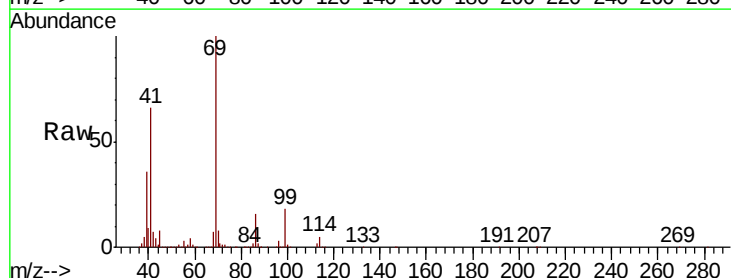
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

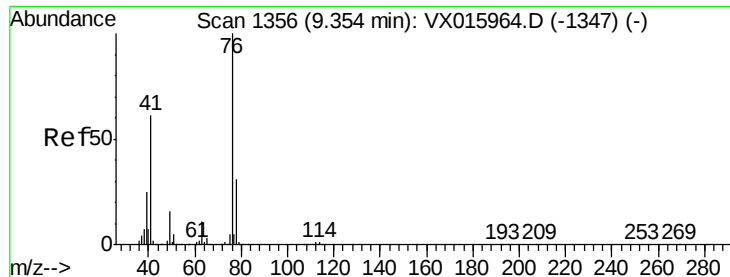
Tot Ion:	97	Resp:	165855
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.2
85	54.1	43.7	65.5
99	63.4	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 52.738 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion:	69	Resp:	275377
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.5	80.3
39	36.4	33.4	50.0

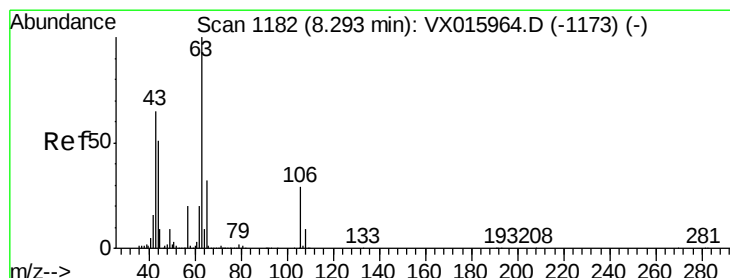
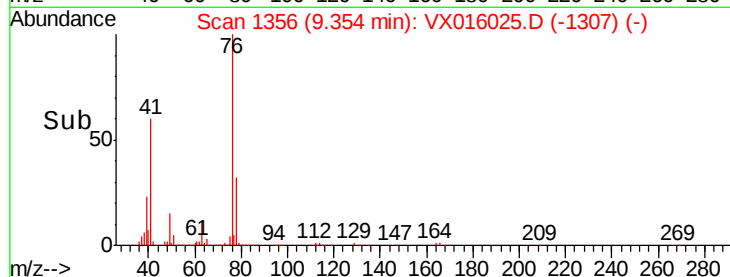
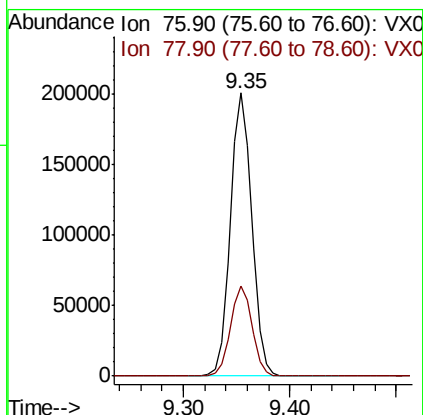
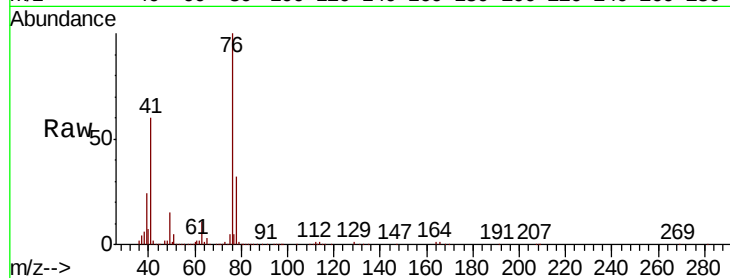




#57
 1,3-Dichloropropane
 Concen: 51.491 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

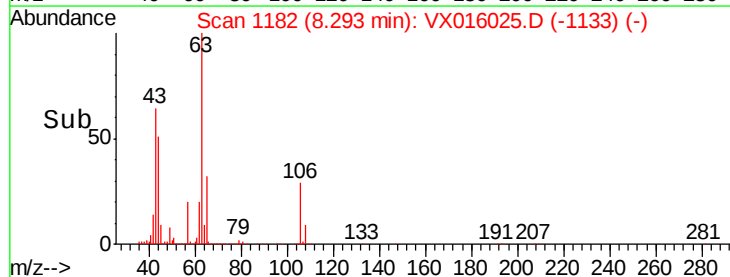
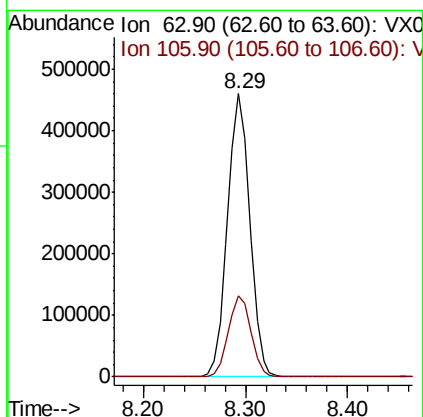
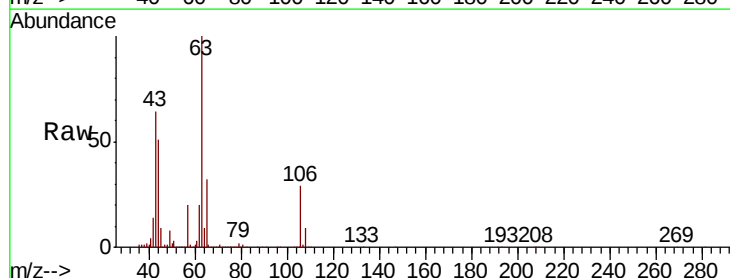
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

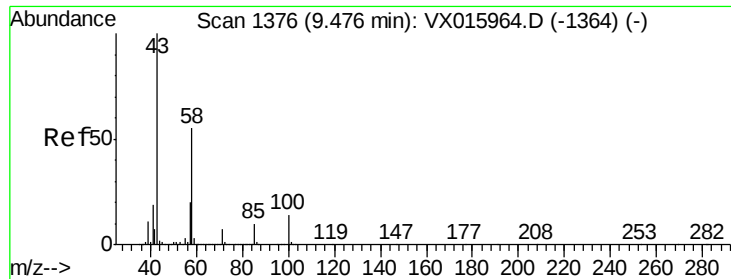
Tot Ion: 76 Resp: 284099
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.163 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion: 63 Resp: 696609
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.6 35.4

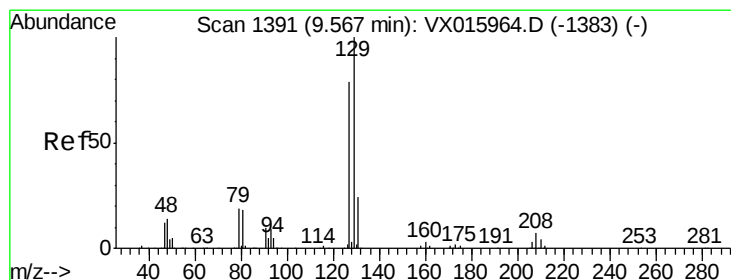
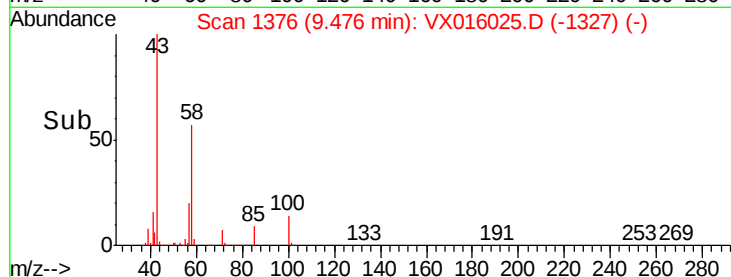
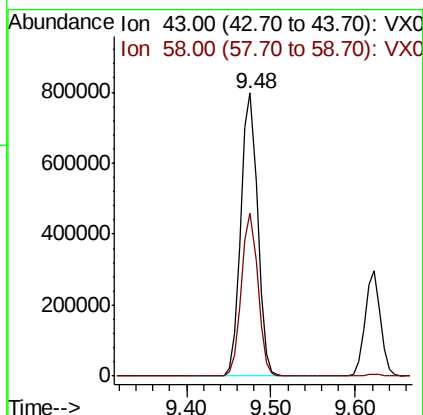
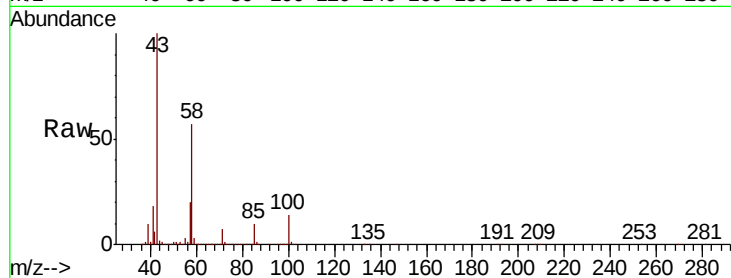




#59
2-Hexanone
Concen: 263.147 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

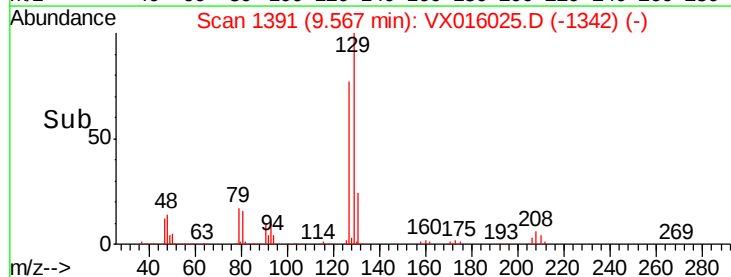
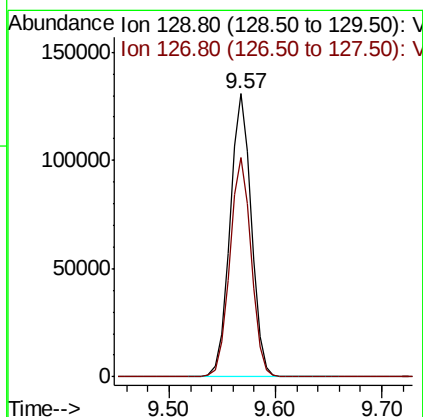
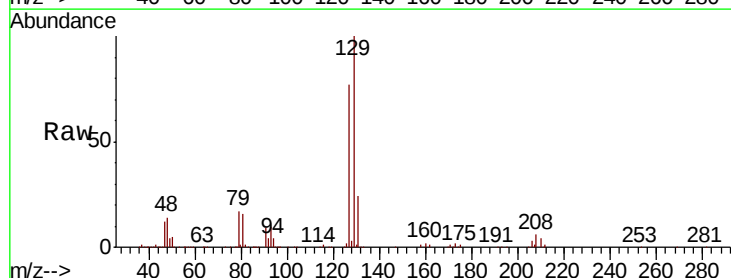
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

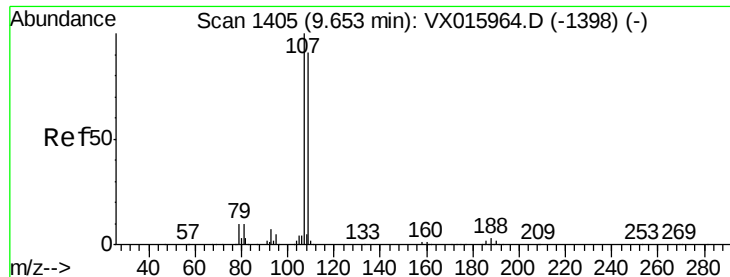
Tot Ion: 43 Resp: 1050886
Ion Ratio Lower Upper
43 100
58 56.8 27.7 83.1



#60
Dibromochloromethane
Concen: 51.145 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 129 Resp: 183828
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1





#61

1,2-Dibromoethane

Concen: 51.214 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

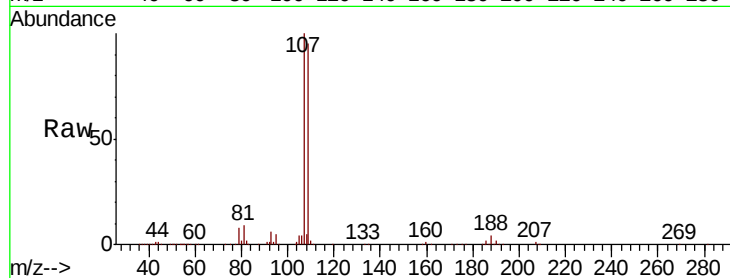
VSTDCCC050EC

Tot Ion:107 Resp: 178341

Ion Ratio Lower Upper

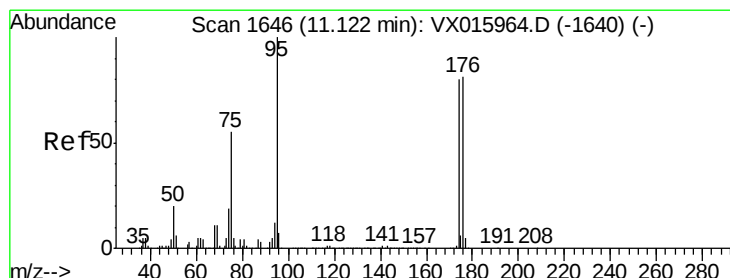
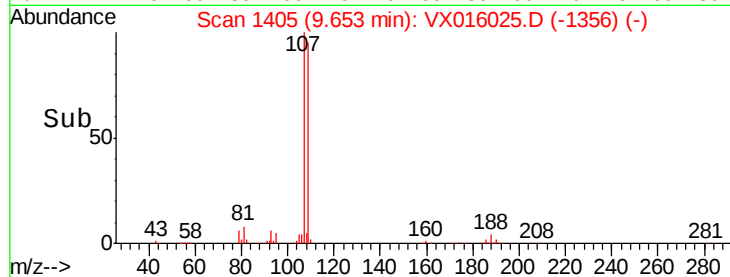
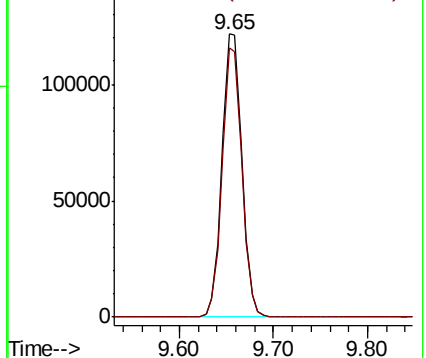
107 100

109 94.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.205 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

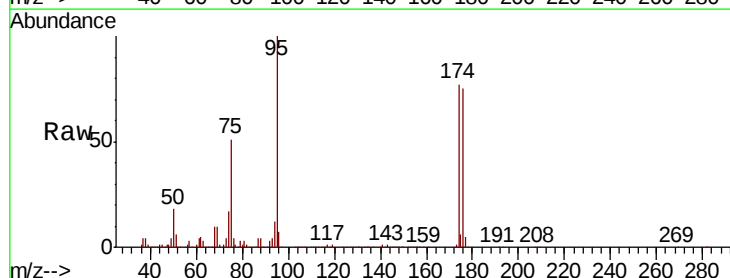
Tgt Ion: 95 Resp: 205414

Ion Ratio Lower Upper

95 100

174 79.5 0.0 165.0

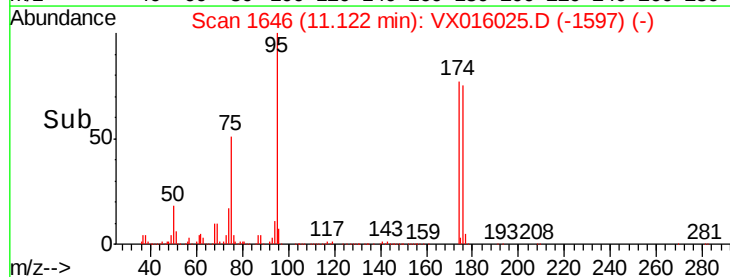
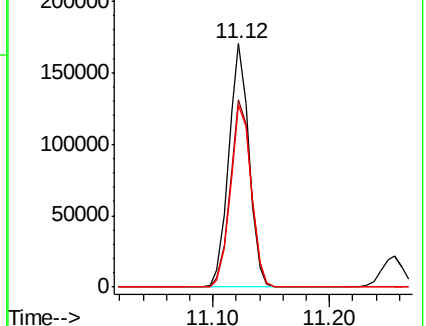
176 77.2 0.0 163.2

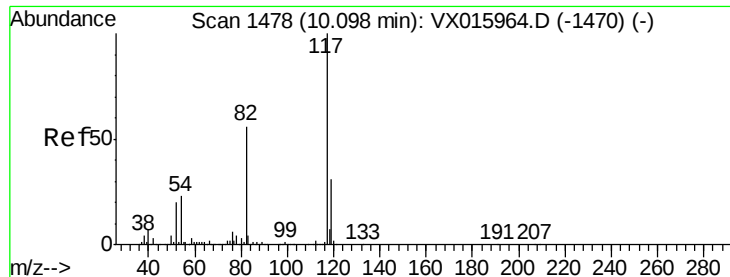


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

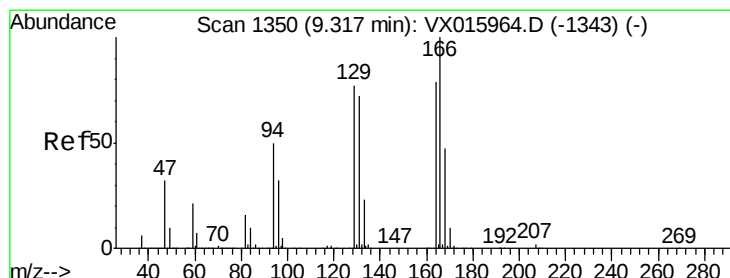
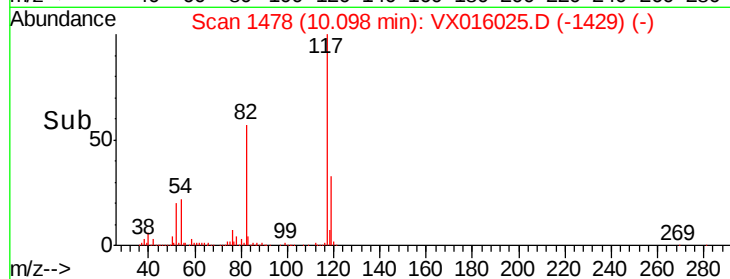
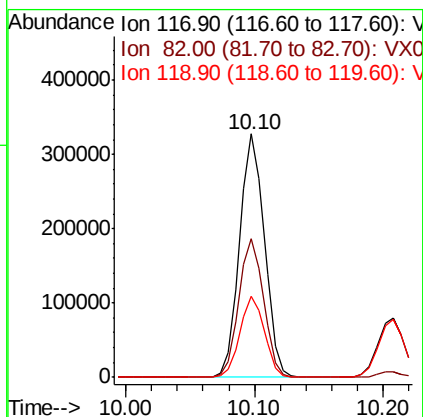
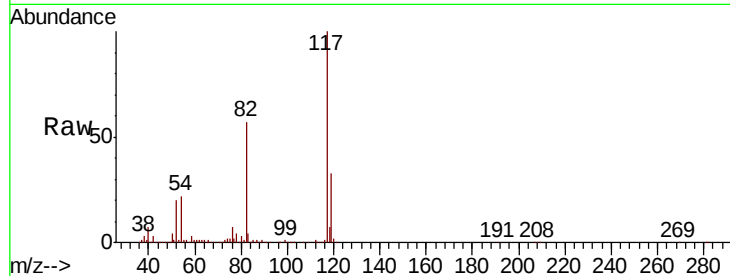




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

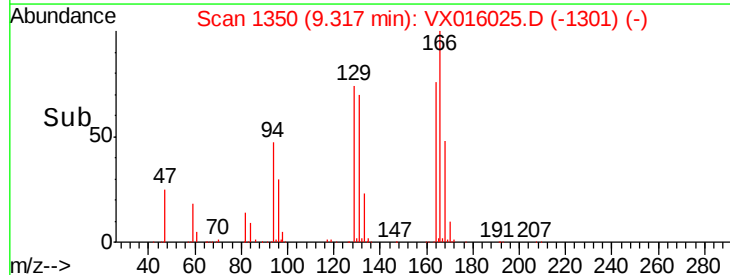
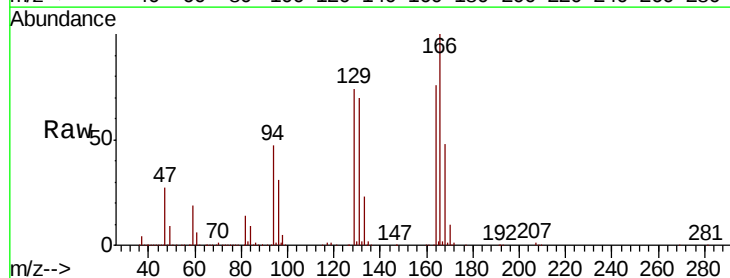
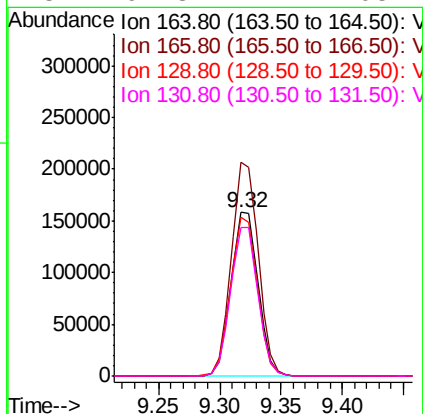
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

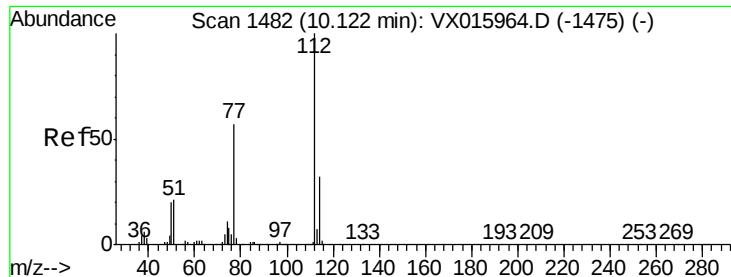
Tot Ion:117 Resp: 437508
Ion Ratio Lower Upper
117 100
82 56.8 44.5 66.7
119 33.0 25.0 37.6



#64
Tetrachloroethene
Concen: 46.441 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion:164 Resp: 241036
Ion Ratio Lower Upper
164 100
166 130.8 101.0 151.4
129 96.9 77.4 116.0
131 91.3 72.2 108.2

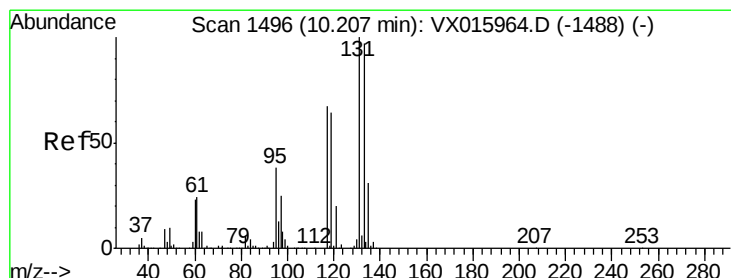
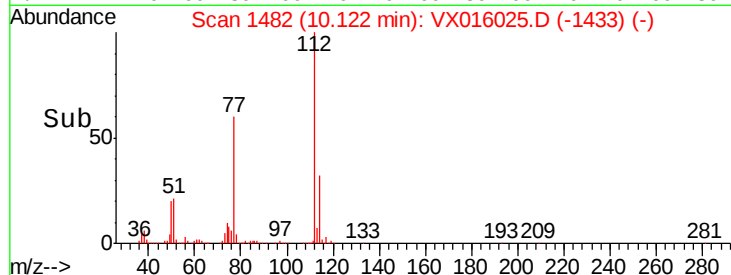
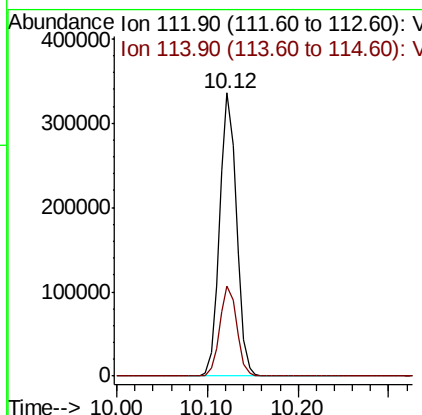
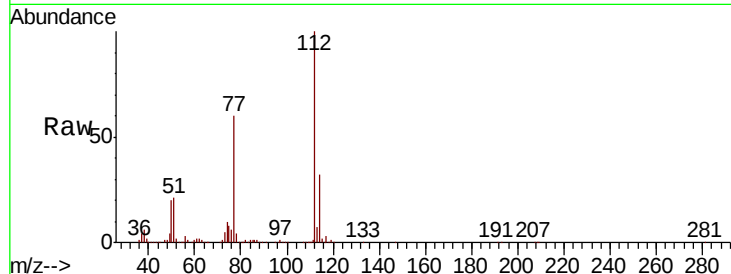




#65
Chlorobenzene
Concen: 49.006 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

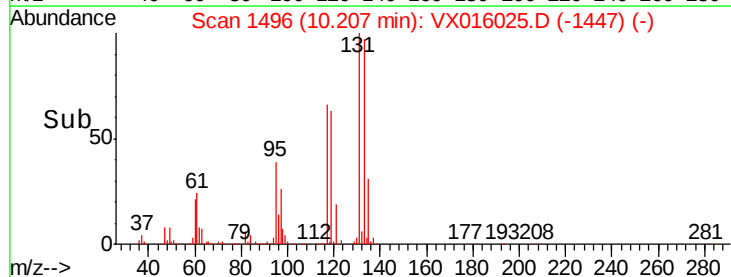
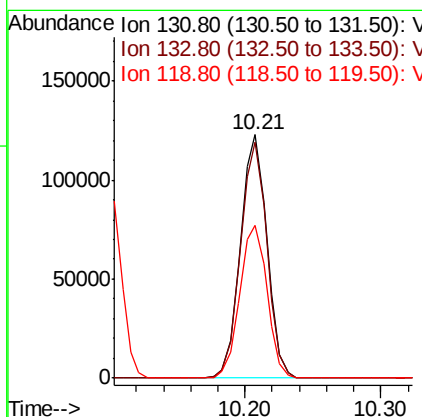
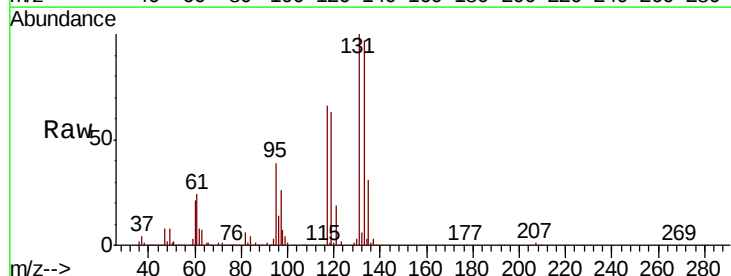
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

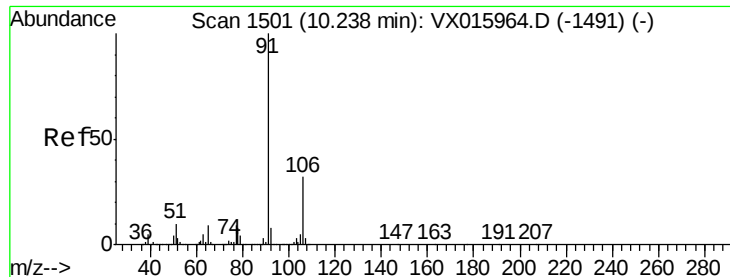
Tot Ion:112 Resp: 436692
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.462 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion:131 Resp: 166584
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 64.8 31.6 94.8

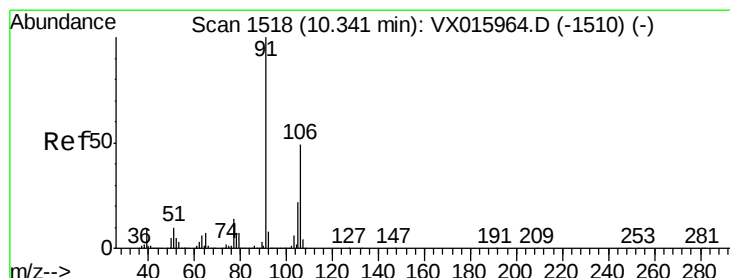
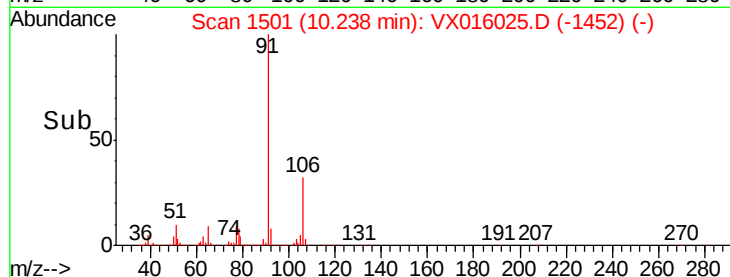
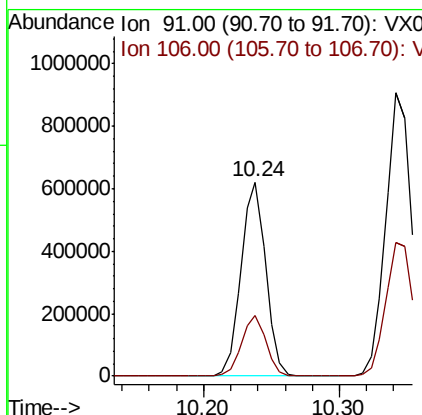
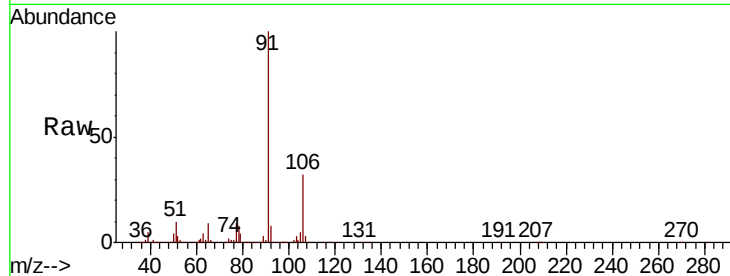




#67
Ethyl Benzene
Concen: 49.495 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

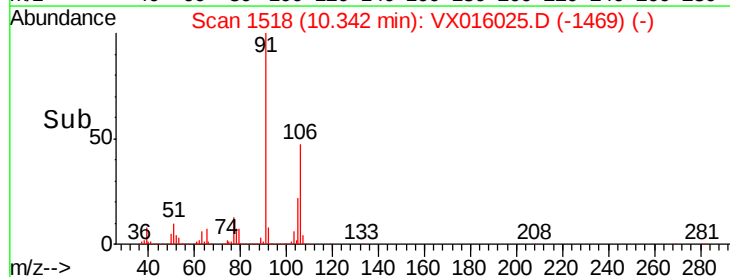
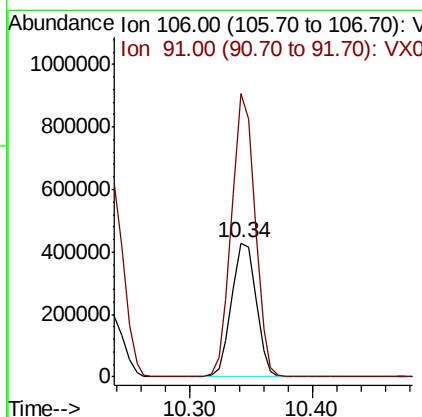
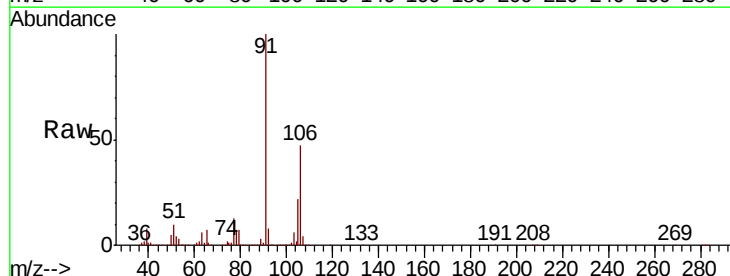
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

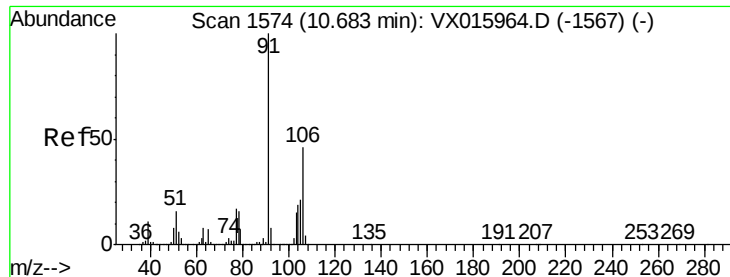
Tot Ion: 91 Resp: 785447
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 98.517 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 106 Resp: 593226
Ion Ratio Lower Upper
106 100
91 202.9 161.6 242.4

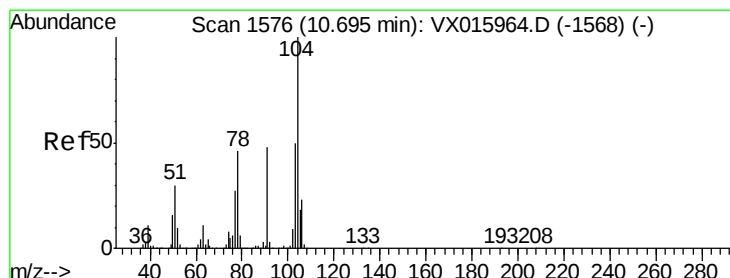
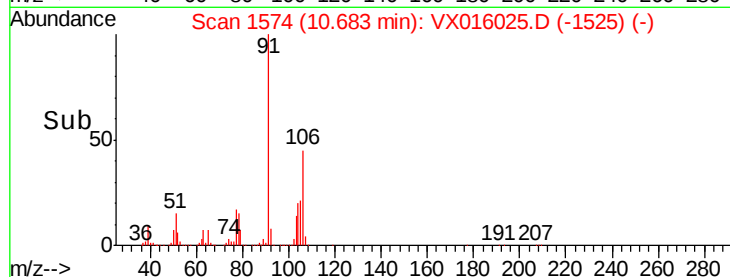
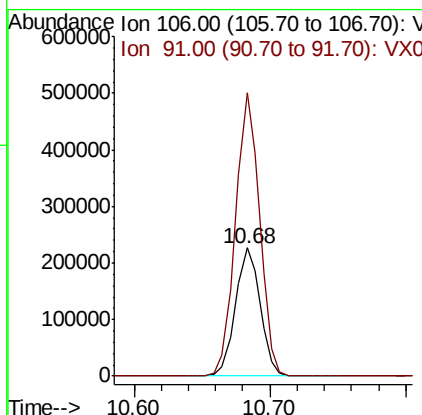
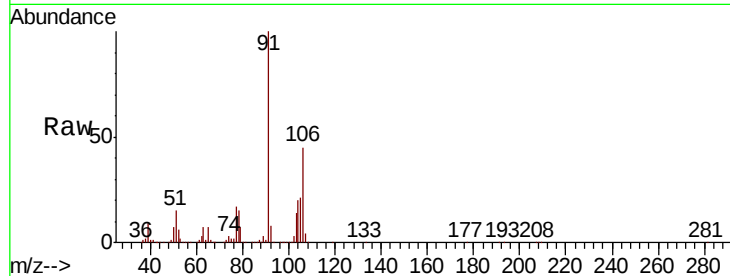




#69
o-Xylene
Concen: 50.046 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

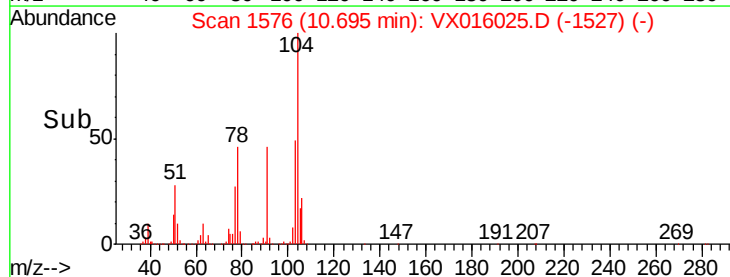
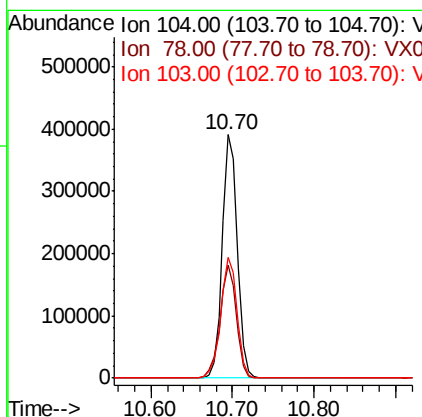
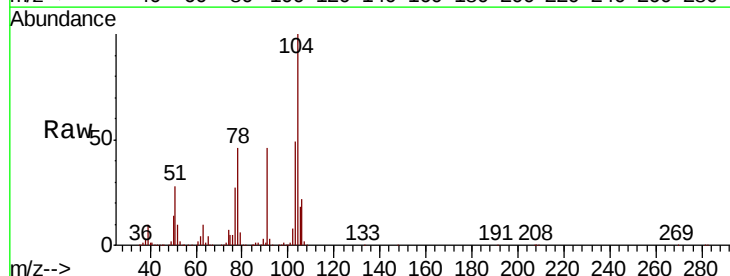
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

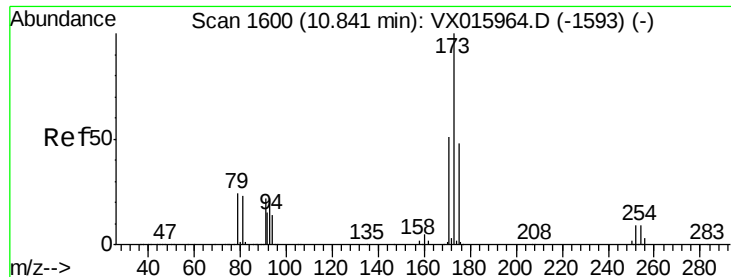
Tot Ion:106 Resp: 286119
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.3



#70
Styrene
Concen: 51.113 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion:104 Resp: 501406
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.4
103 53.7 43.4 65.2





#71

Bromoform

Concen: 45.713 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

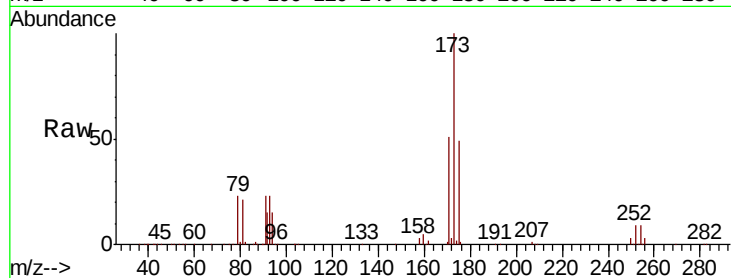
Tot Ion:173 Resp: 139439

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

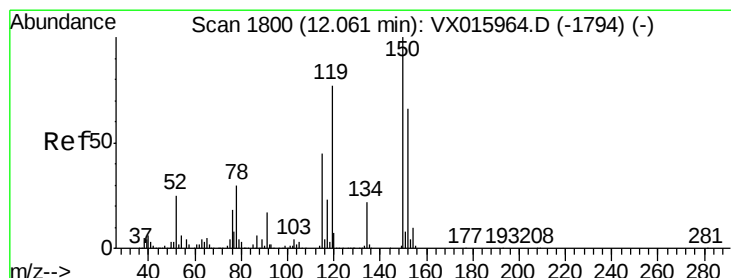
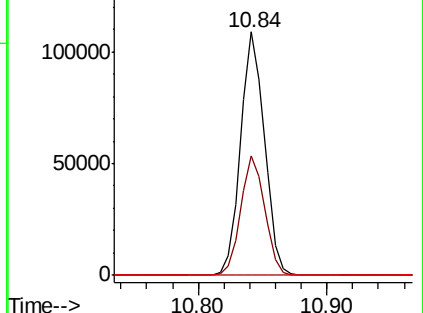
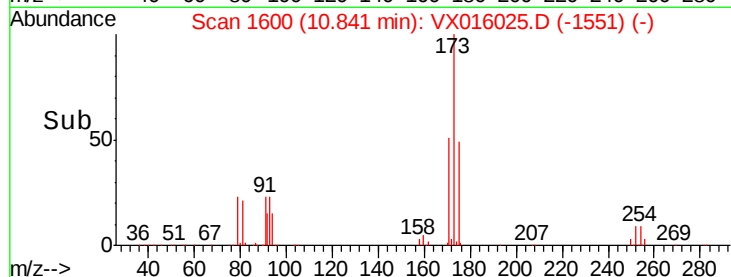
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

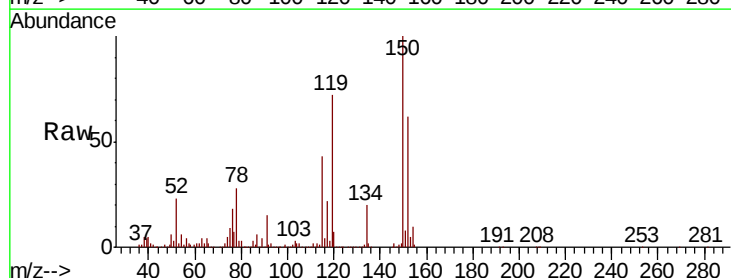
Tgt Ion:152 Resp: 222347

Ion Ratio Lower Upper

152 100

115 82.3 40.9 122.7

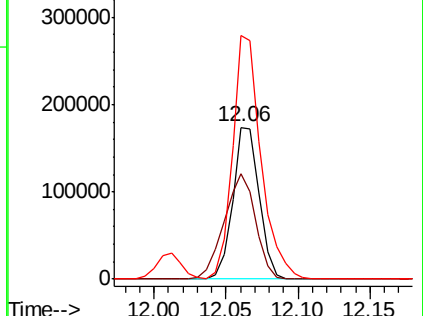
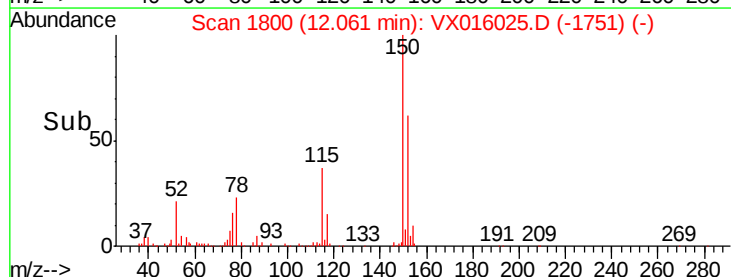
150 173.6 0.0 342.4

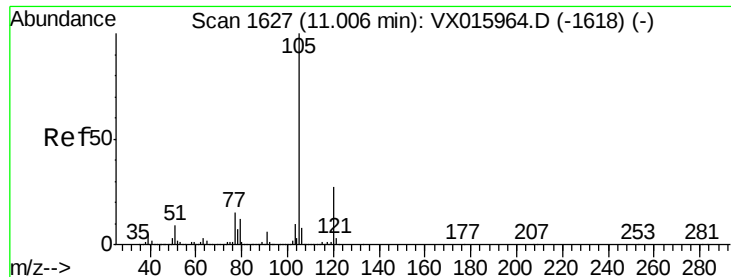


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.366 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

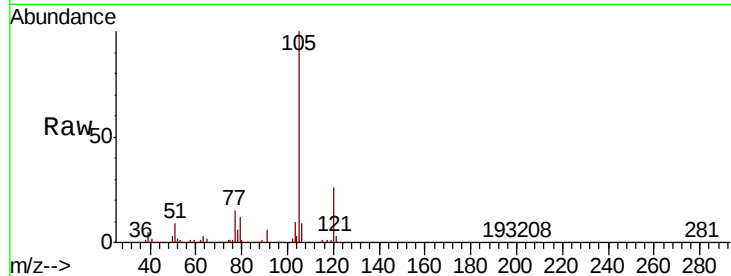
VSTDCCC050EC

Tot Ion:105 Resp: 776953

Ion Ratio Lower Upper

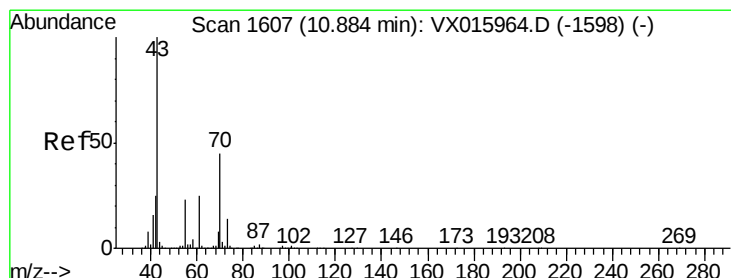
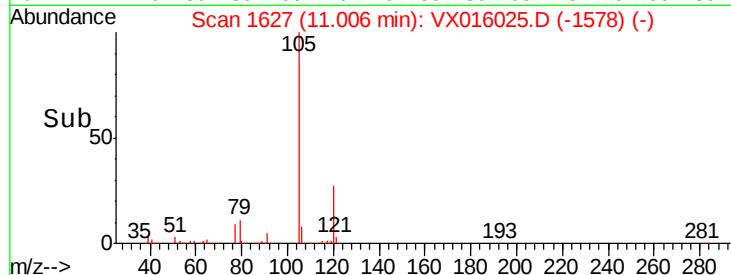
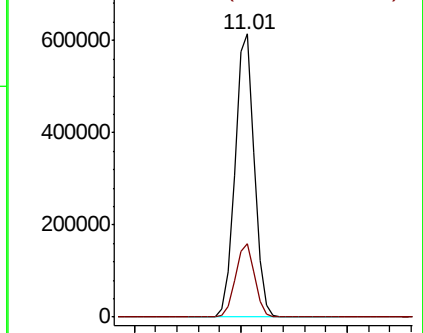
105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.891 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion: 43 Resp: 371252

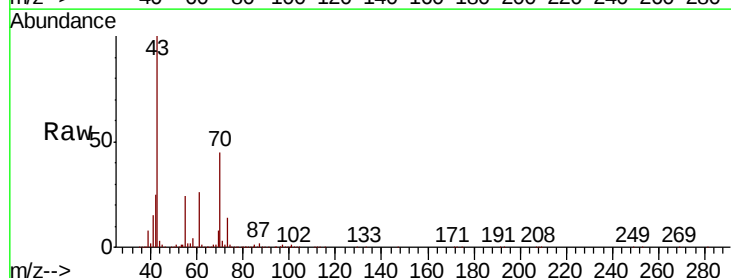
Ion Ratio Lower Upper

43 100

70 45.1 34.5 51.7

55 24.7 18.6 28.0

61 25.8 19.8 29.6

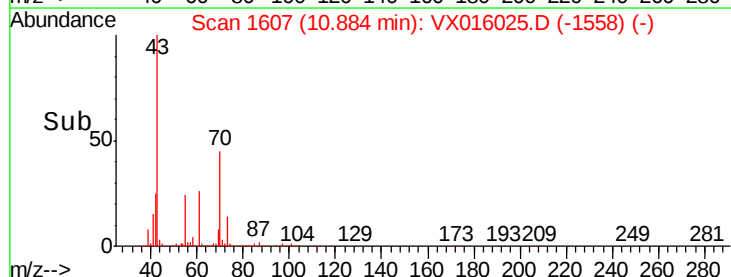
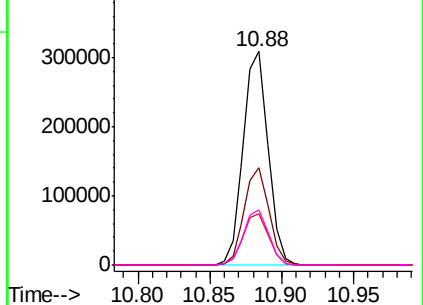


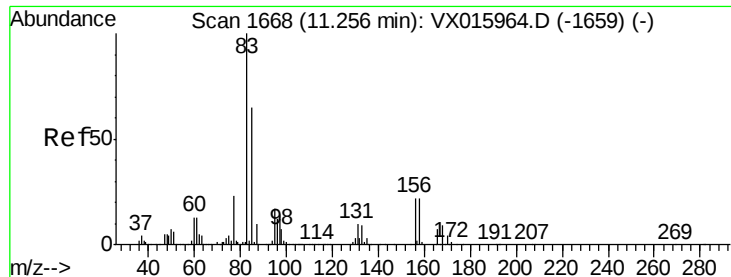
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.844 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

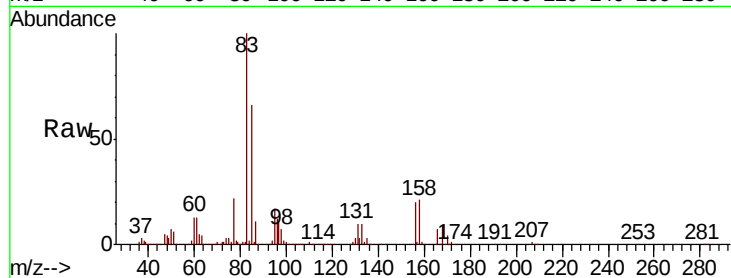
Tot Ion: 83 Resp: 171171

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

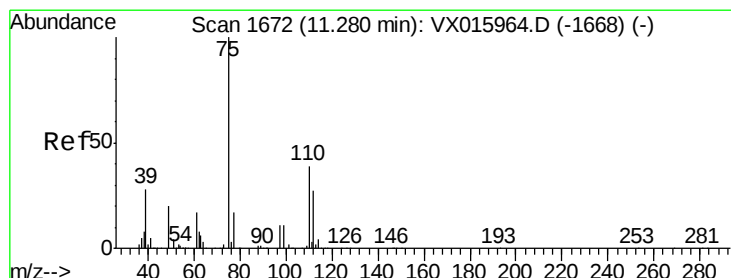
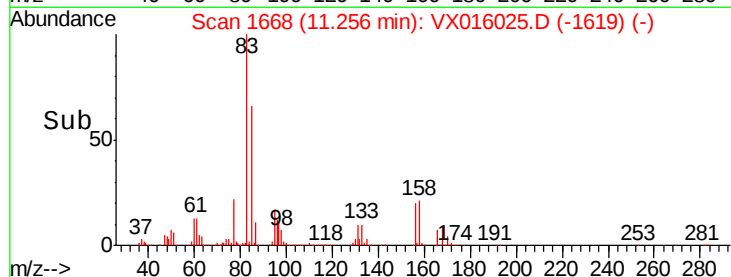
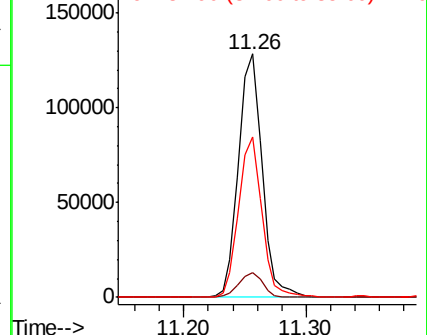
85 65.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.497 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016025.D

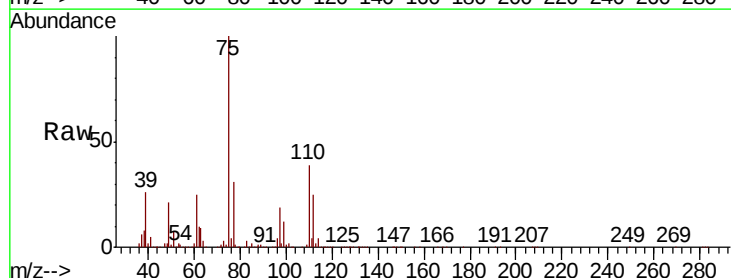
Acq: 01 May 2020 20:26

Tgt Ion: 75 Resp: 328911

Ion Ratio Lower Upper

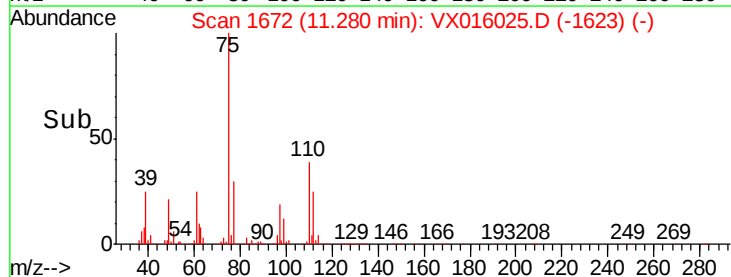
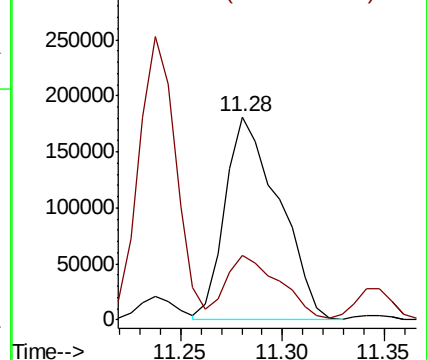
75 100

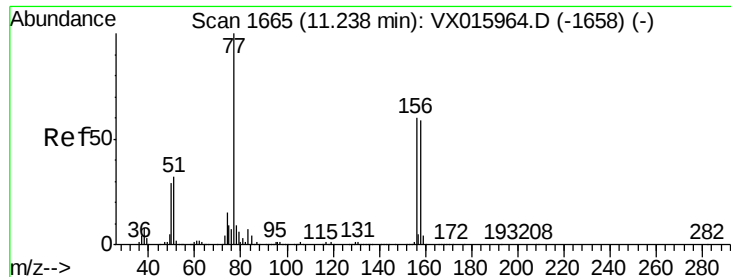
77 32.0 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.162 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

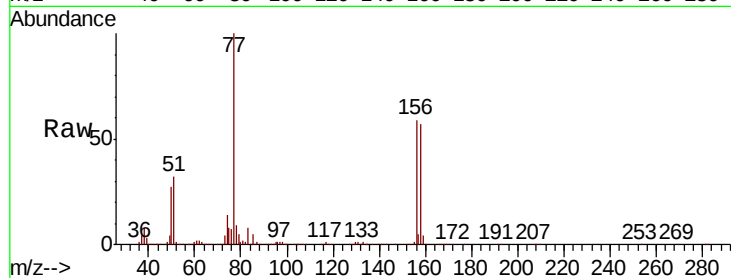
Tot Ion:156 Resp: 195305

Ion Ratio Lower Upper

156 100

77 163.6 78.3 234.8

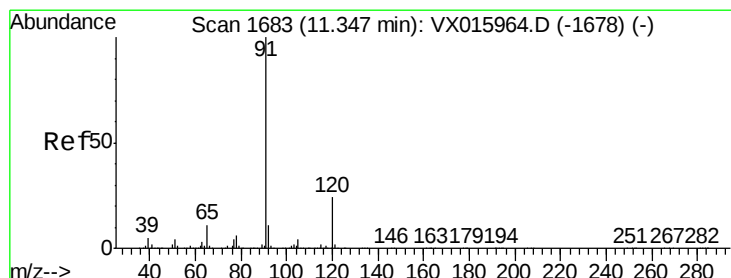
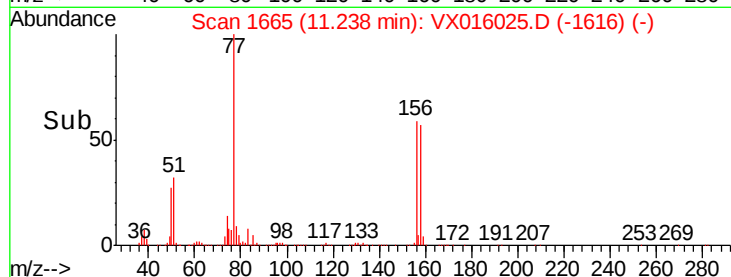
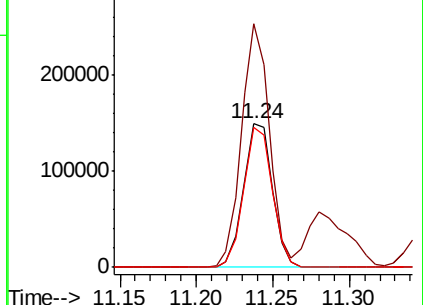
158 96.7 48.5 145.5



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: 51.429 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016025.D

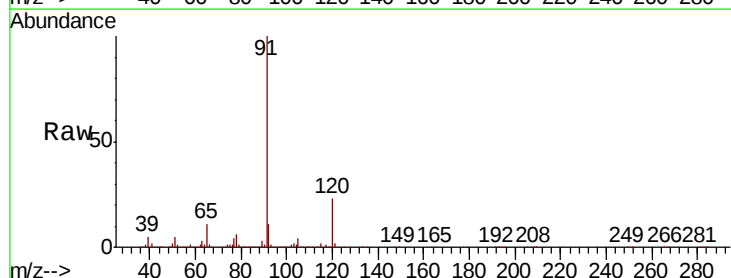
Acq: 01 May 2020 20:26

Tgt Ion: 91 Resp: 894867

Ion Ratio Lower Upper

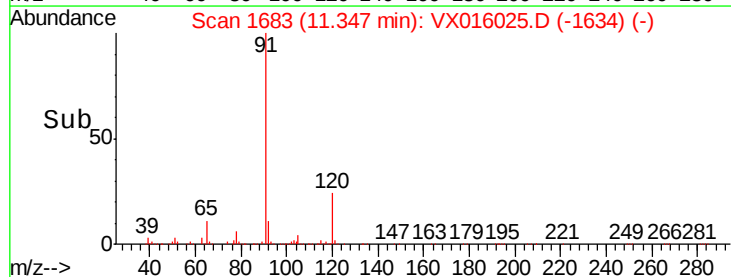
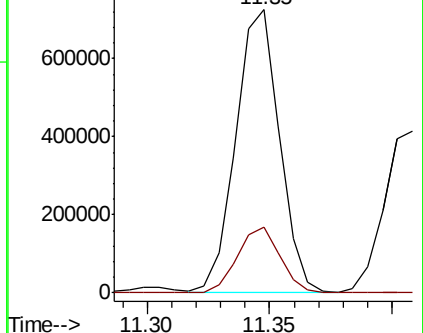
91 100

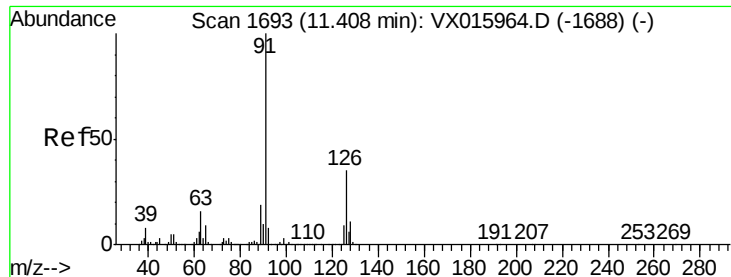
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

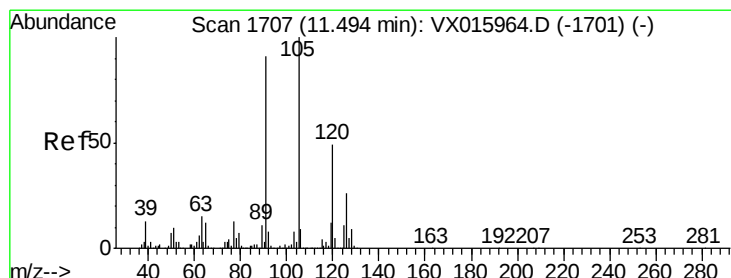
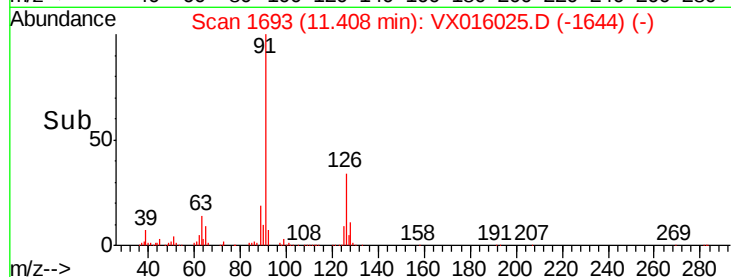
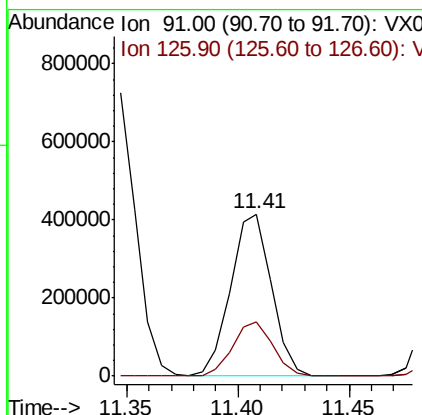
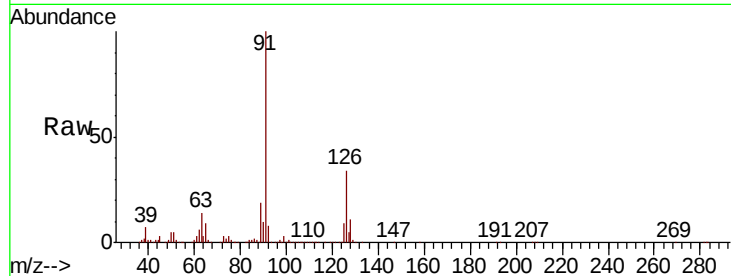




#79
 2-Chlorotoluene
 Concen: 51.146 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

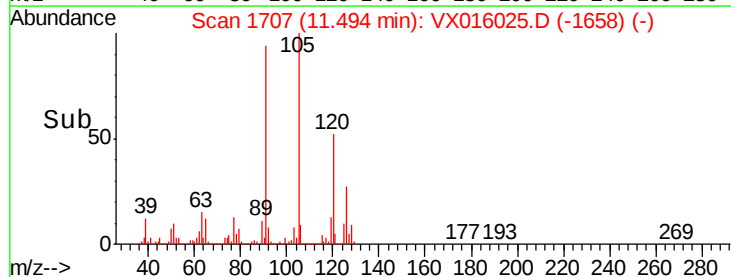
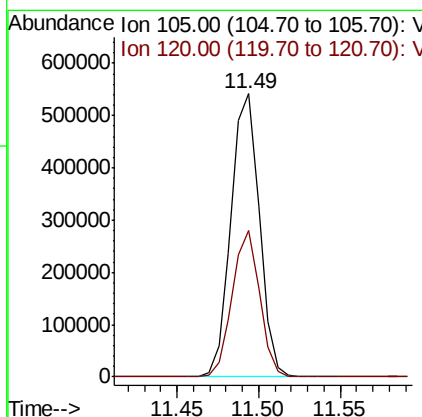
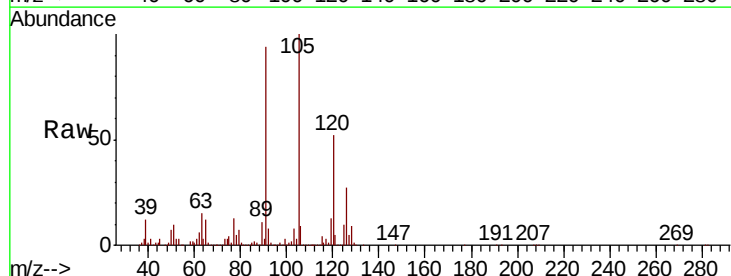
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

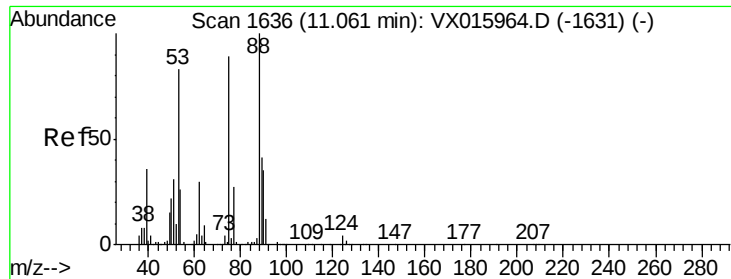
Tot Ion: 91 Resp: 530246
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.404 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion: 105 Resp: 654963
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.036 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

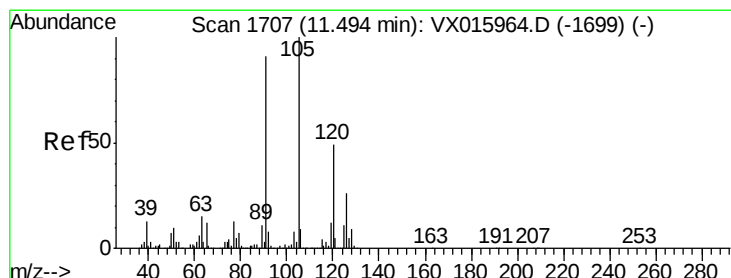
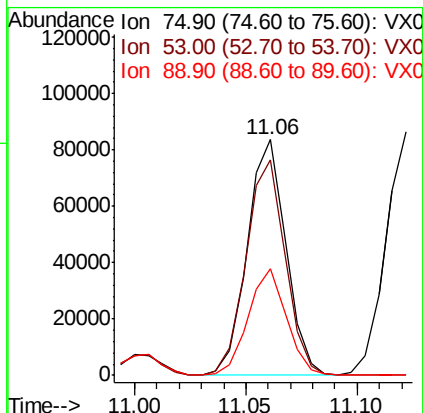
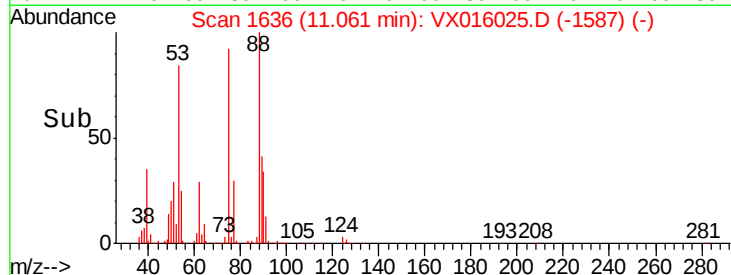
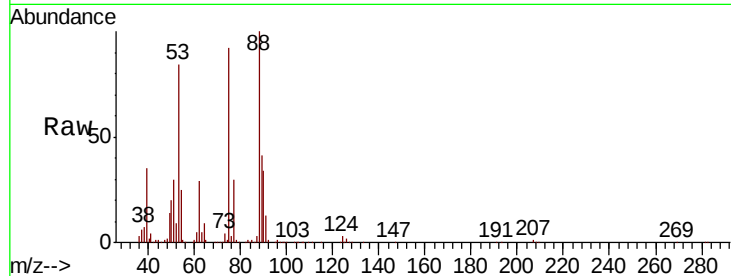
Tot Ion: 75 Resp: 100761

Ion Ratio Lower Upper

75 100

53 92.9 78.3 117.5

89 44.6 37.2 55.8



#82

4-Chlorotoluene

Concen: 50.636 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016025.D

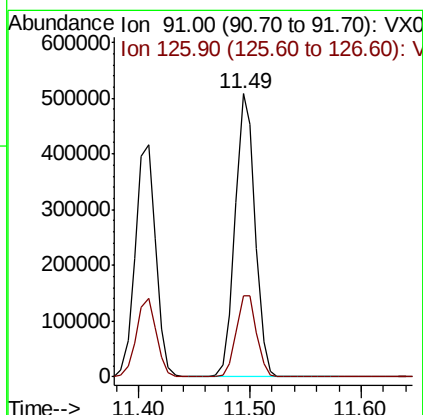
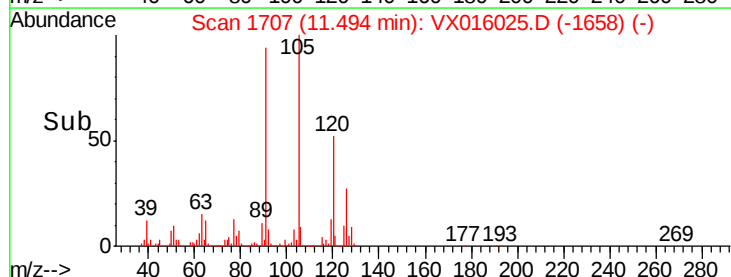
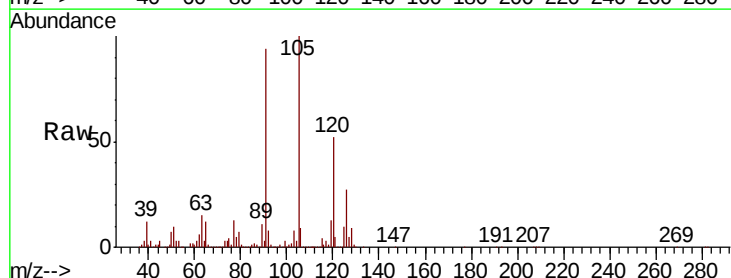
Acq: 01 May 2020 20:26

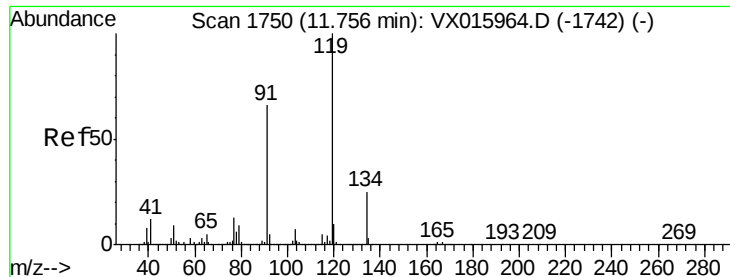
Tgt Ion: 91 Resp: 627862

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.3

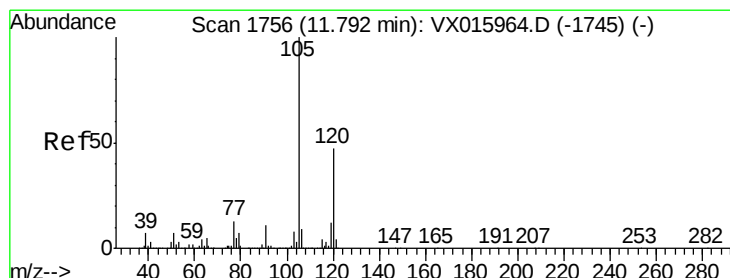
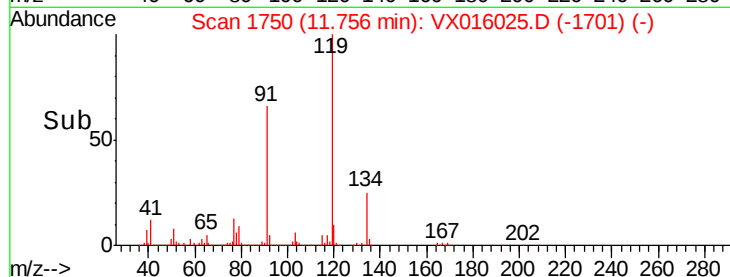
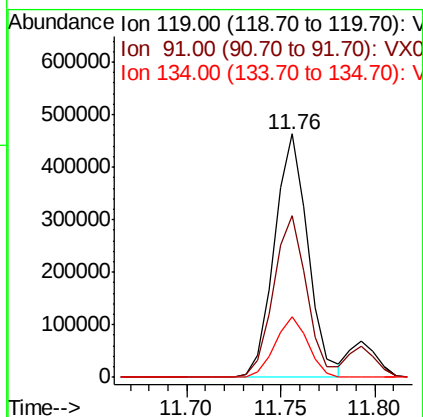
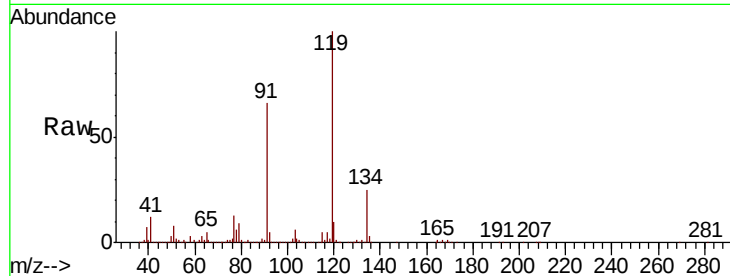




#83
tert-Butylbenzene
Concen: 51.753 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

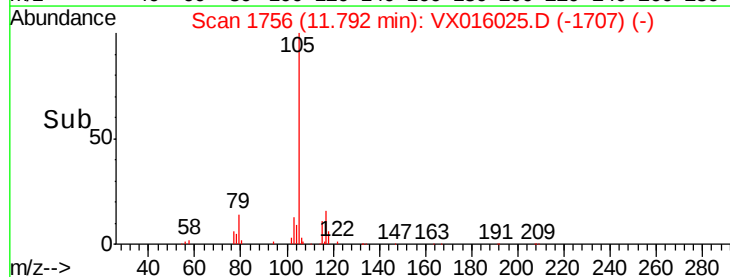
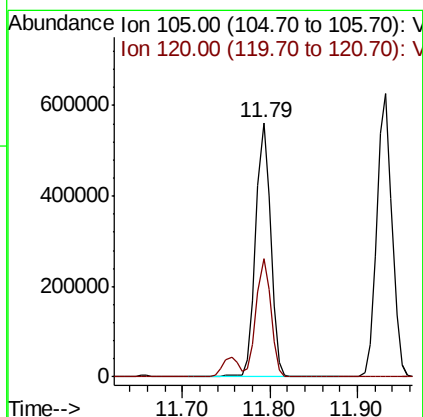
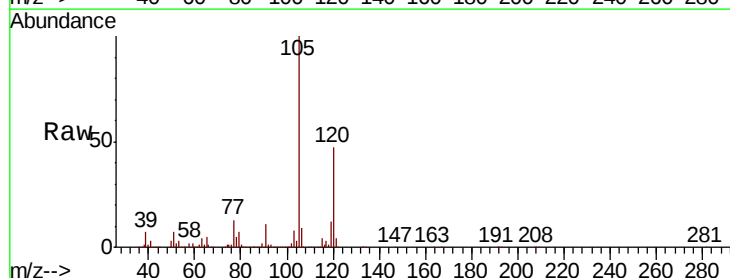
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

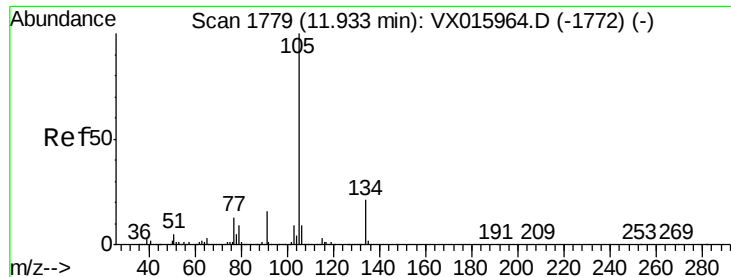
Tot Ion:119 Resp: 568575
Ion Ratio Lower Upper
119 100
91 66.6 33.5 100.4
134 24.3 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 51.484 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion:105 Resp: 660200
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8

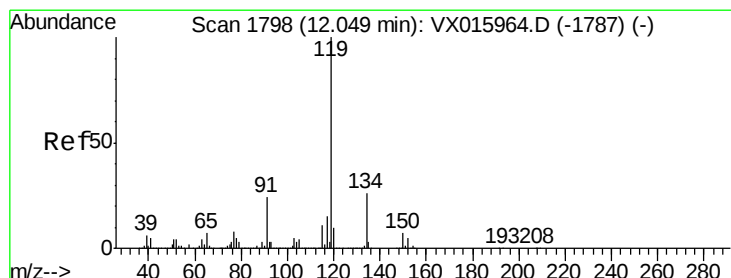
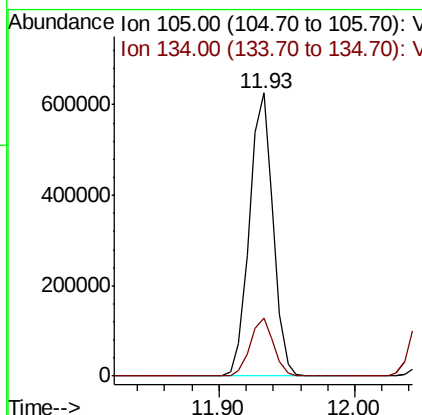
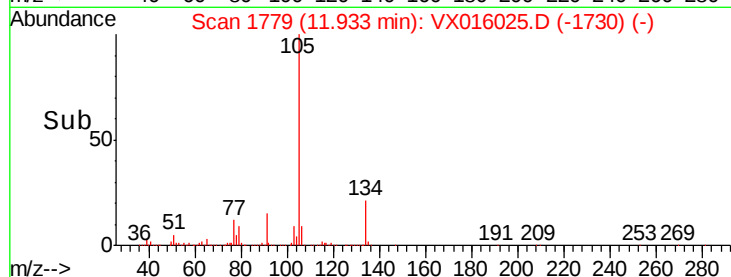
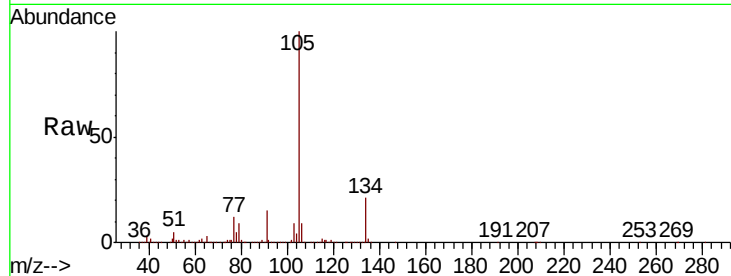




#85
 sec-Butylbenzene
 Concen: 51.417 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

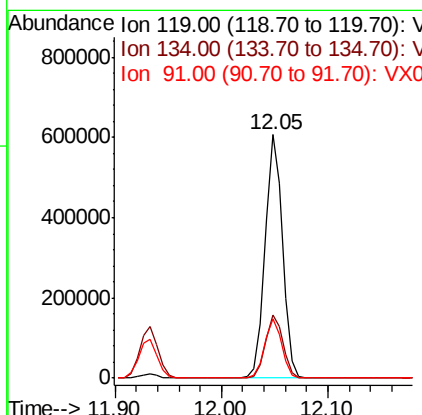
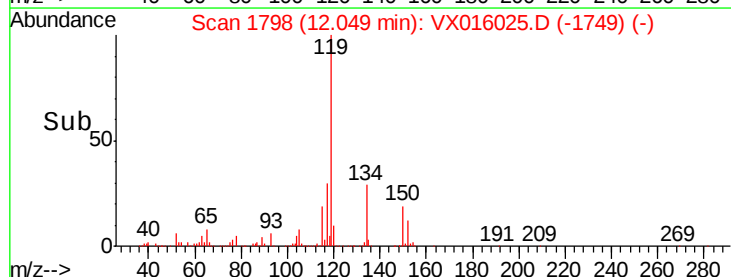
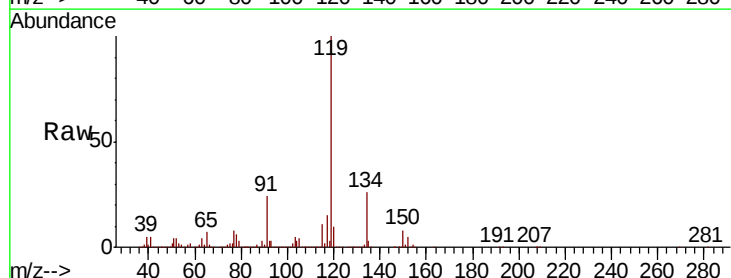
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

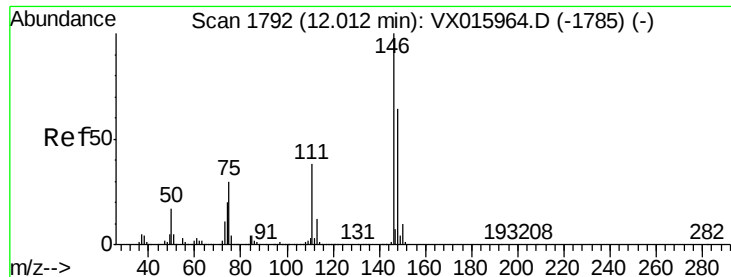
Tot Ion:105 Resp: 761065
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.433 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion:119 Resp: 699228
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.0 11.9 35.9

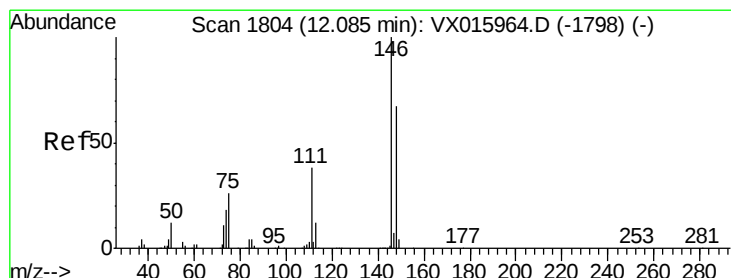
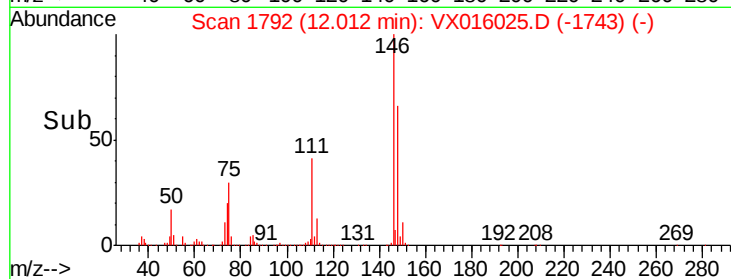
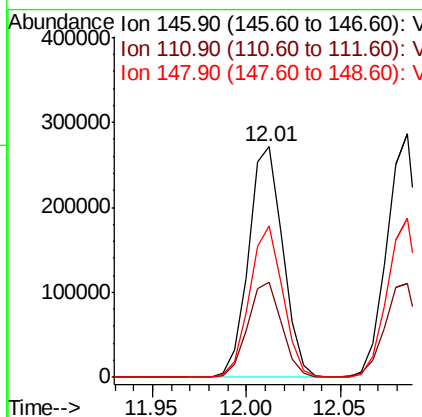
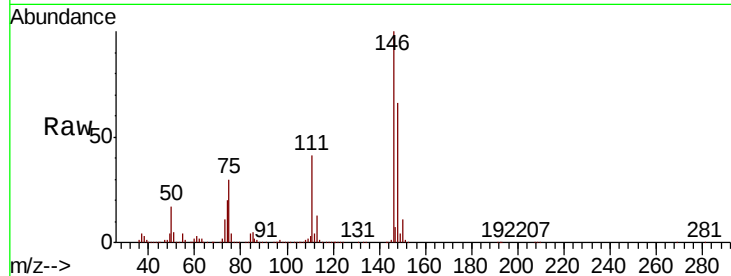




#87
 1,3-Dichlorobenzene
 Concen: 48.140 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

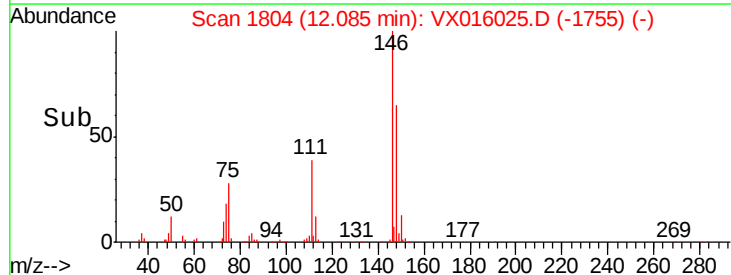
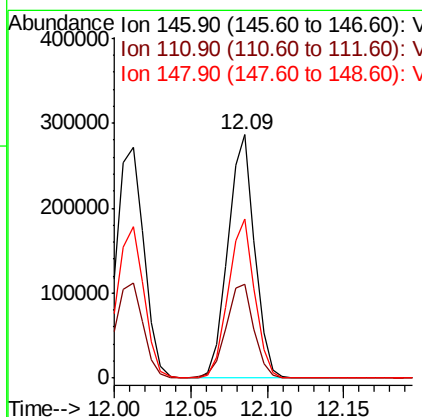
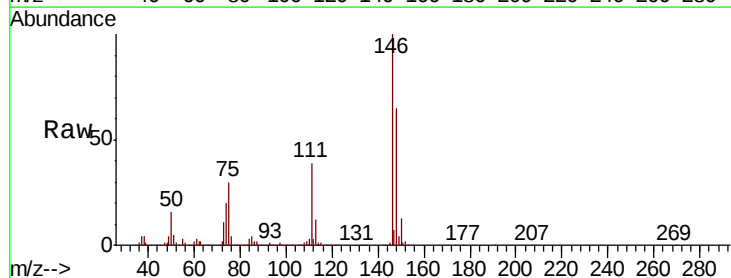
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

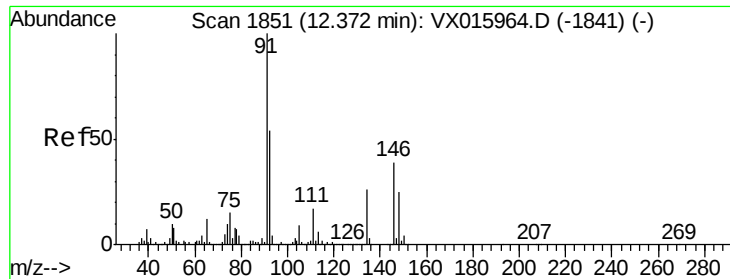
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.6	58.8
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.903 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.0
148	64.7	32.8	98.4





#89

n-Butylbenzene

Concen: 50.042 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

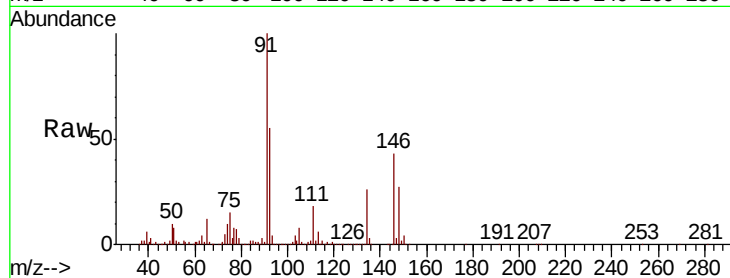
Tot Ion: 91 Resp: 626896

Ion Ratio Lower Upper

91 100

92 54.5 27.1 81.3

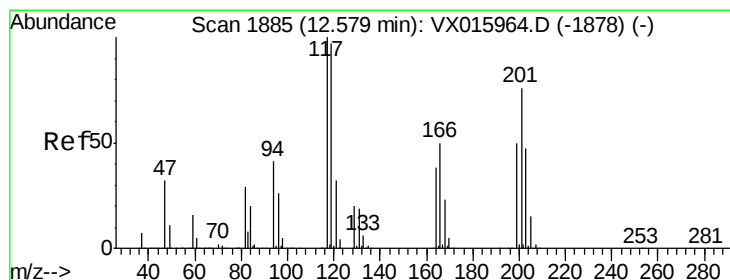
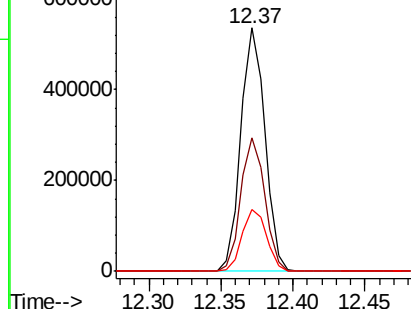
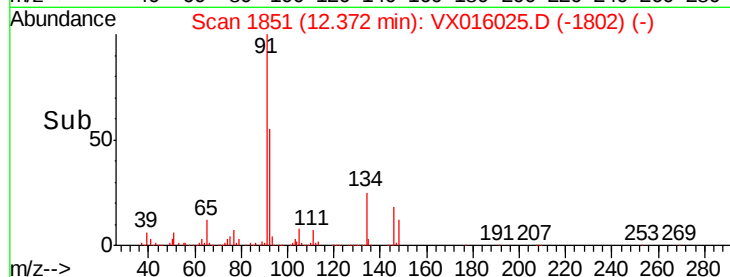
134 26.0 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX015964.D (-1841) (-)

Ion 92.00 (91.70 to 92.70): VX015964.D (-1841) (-)

Ion 134.00 (133.70 to 134.70): VX015964.D (-1841) (-)



#90

Hexachloroethane

Concen: 50.820 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016025.D

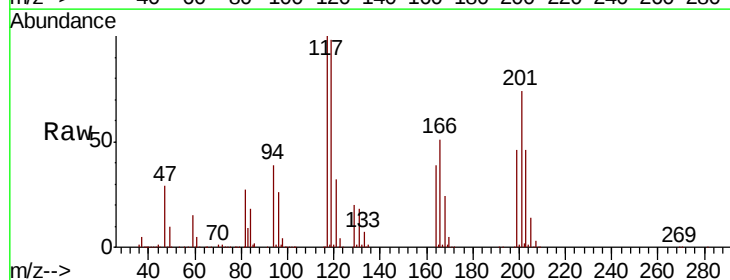
Acq: 01 May 2020 20:26

Tgt Ion: 117 Resp: 124491

Ion Ratio Lower Upper

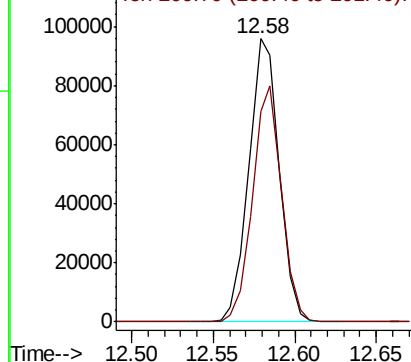
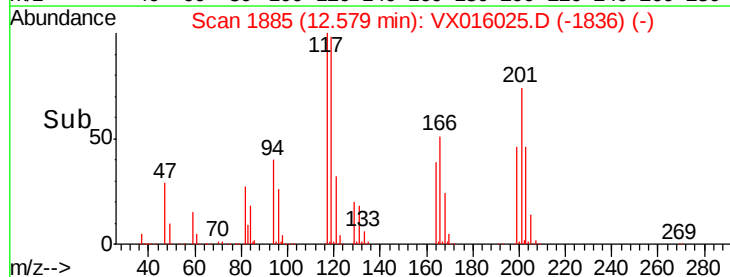
117 100

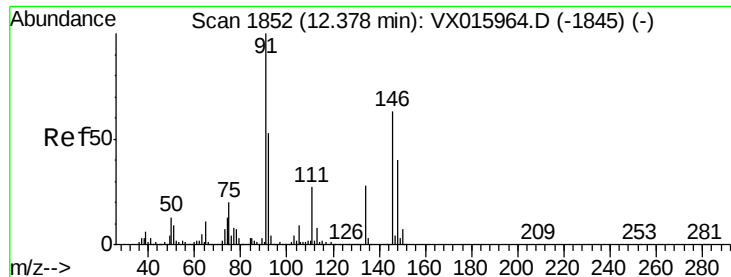
201 79.8 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): VX015964.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX015964.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 49.839 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

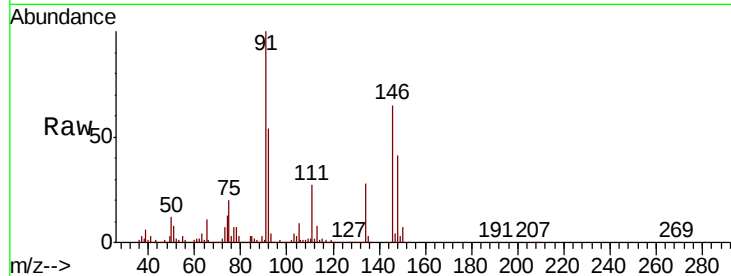
Tot Ion:146 Resp: 338377

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.3

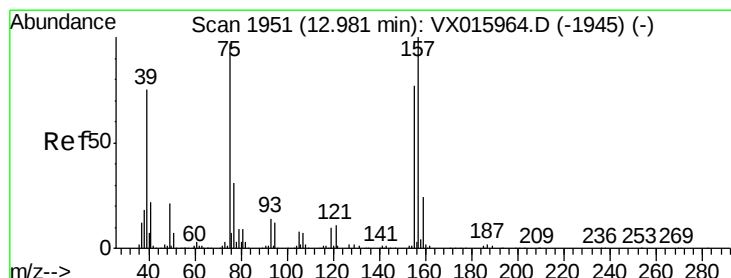
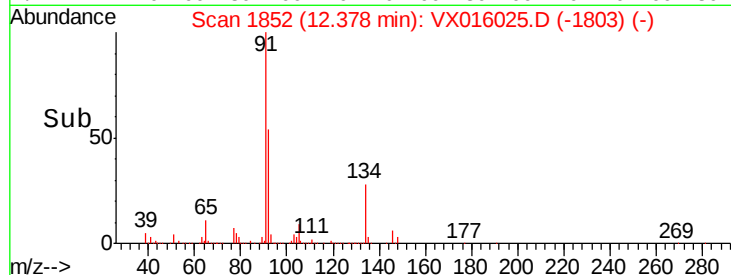
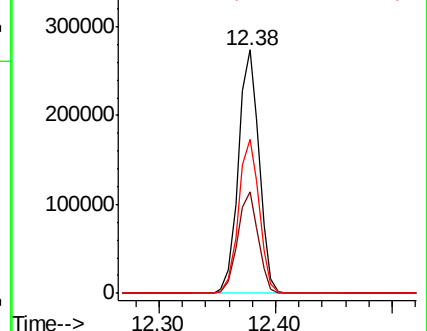
148 63.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.855 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

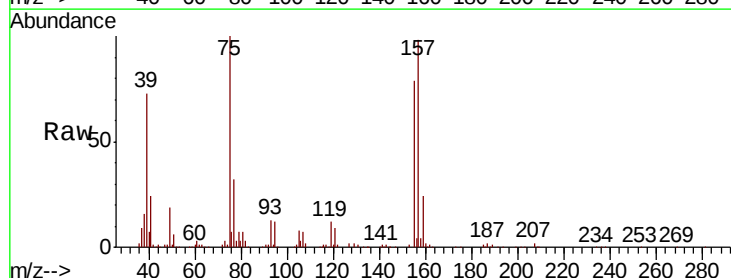
Tgt Ion: 75 Resp: 63507

Ion Ratio Lower Upper

75 100

155 84.0 42.5 127.6

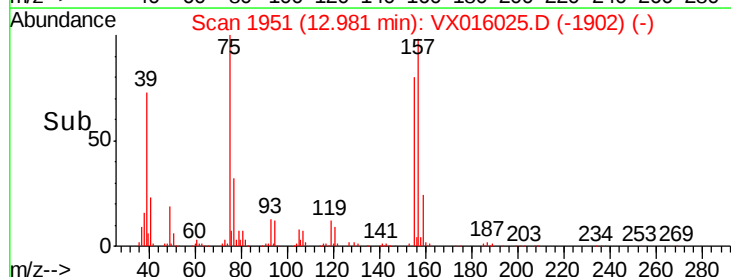
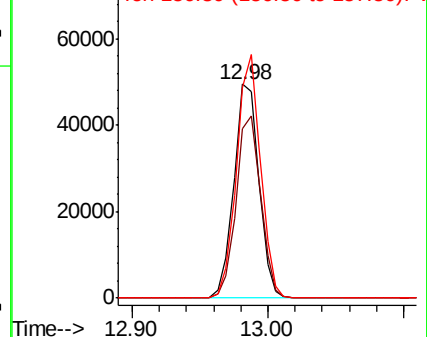
157 108.2 56.0 168.2

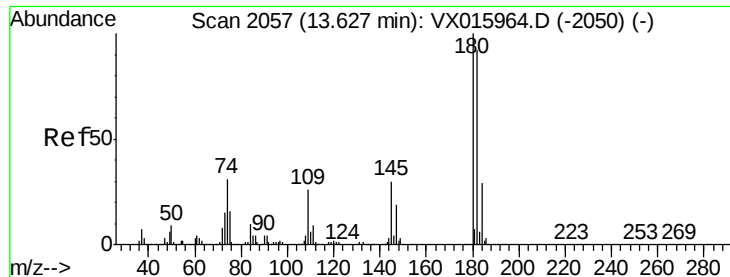


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

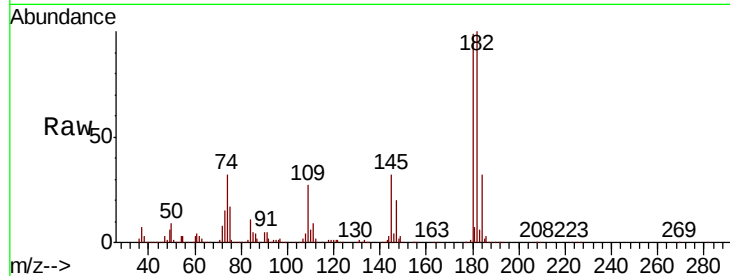




#93
 1,2,4-Trichlorobenzene
 Concen: 46.772 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.9	140.6
145	30.9	14.7	44.1

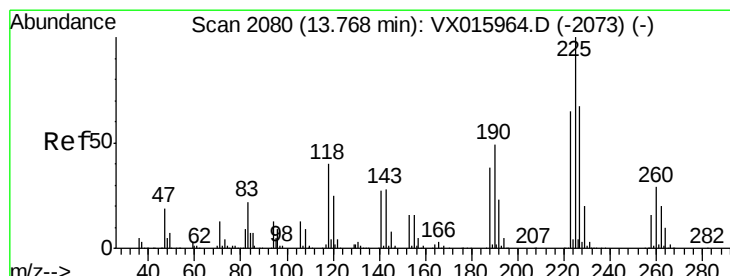
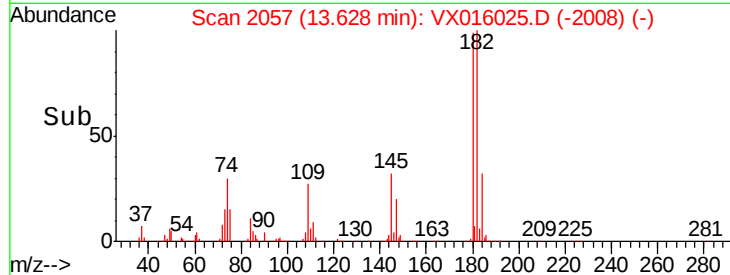
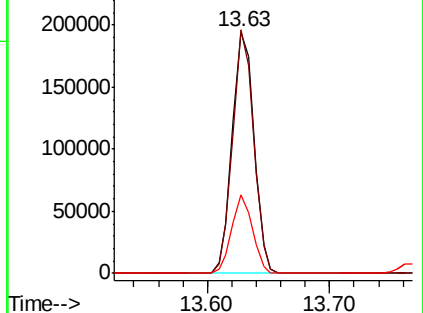


Abundance

Ion 179.80 (179.50 to 180.50): V

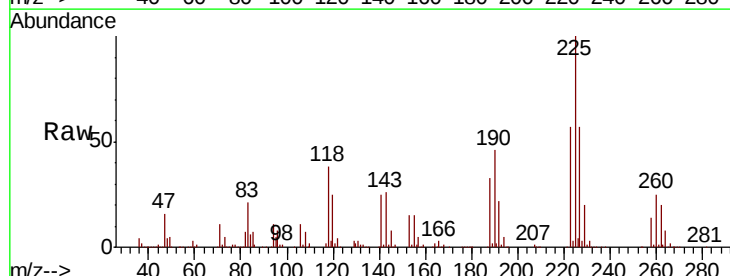
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.971 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.0	96.0
227	60.4	33.0	99.0

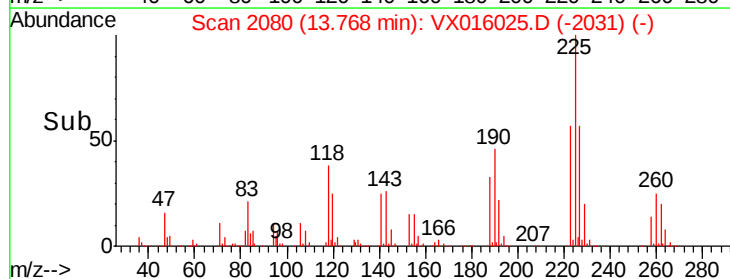
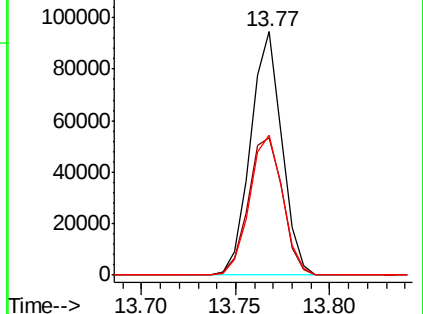


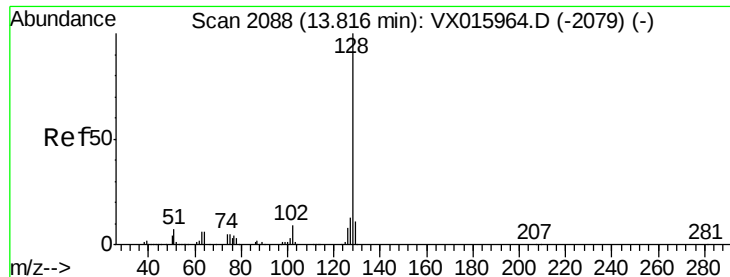
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.563 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

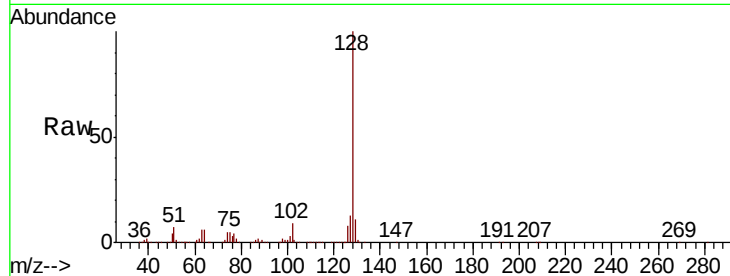
Tot Ion:128 Resp: 828750

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

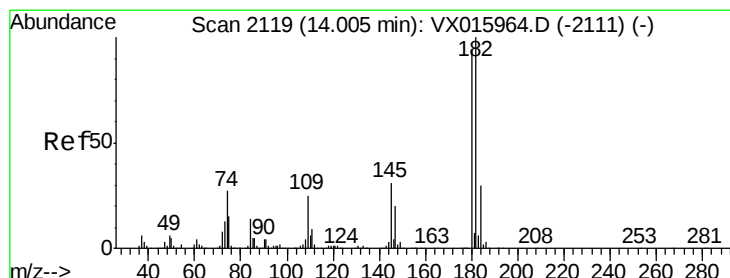
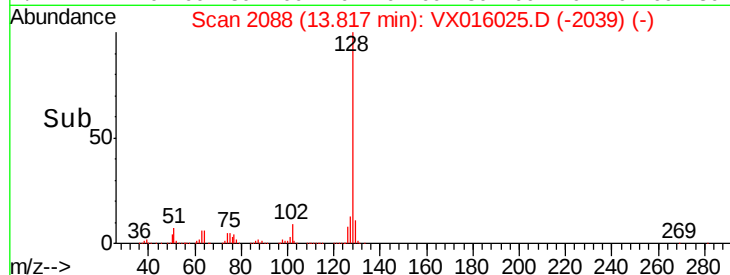
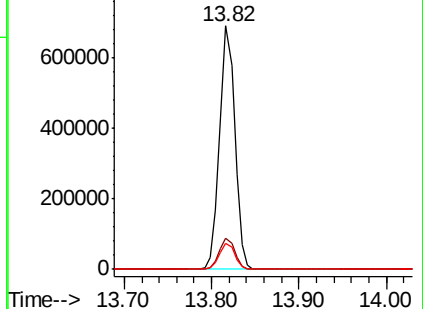
129 10.9 8.7 13.1



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: 48.742 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

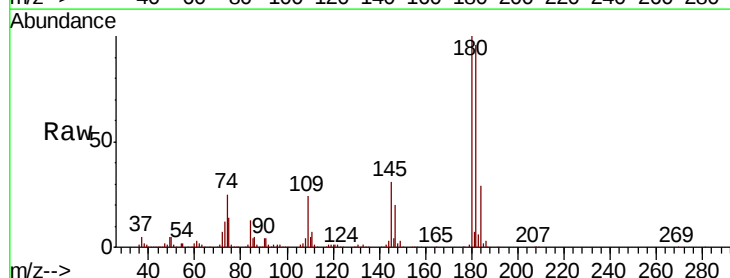
Tgt Ion:180 Resp: 239172

Ion Ratio Lower Upper

180 100

182 98.3 48.7 146.1

145 33.0 16.1 48.3



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

