

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016930.D
 Acq On : 22 Jun 2020 19:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 07:58:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	341985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	566683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	571249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250642	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	203622	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.46	113	172090	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	8.70	98	748797	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.12	95	246115	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	210861	50.242	ug/l	100
3) Chloromethane	1.31	50	212174	49.858	ug/l	100
4) Vinyl Chloride	1.39	62	240026	50.044	ug/l	99
5) Bromomethane	1.62	94	113786	39.400	ug/l	97
6) Chloroethane	1.71	64	138042	46.731	ug/l	99
7) Trichlorofluoromethane	1.92	101	302500	45.084	ug/l	100
8) Diethyl Ether	2.17	74	124767	47.827	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	158367	44.311	ug/l	98
10) Methyl Iodide	2.49	142	107856	31.700	ug/l	97
11) Tert butyl alcohol	3.01	59	182508	262.487	ug/l	99
12) 1,1-Dichloroethene	2.35	96	168071	45.989	ug/l	99
13) Acrolein	2.27	56	205374	487.177	ug/l	100
14) Allyl chloride	2.71	41	256437	53.048	ug/l	94
15) Acrylonitrile	3.12	53	441499	277.088	ug/l	99
16) Acetone	2.42	43	364119	243.871	ug/l	99
17) Carbon Disulfide	2.55	76	421665	44.646	ug/l	98
18) Methyl Acetate	2.75	43	223756	58.934	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	523743	50.288	ug/l	99
20) Methylene Chloride	2.84	84	170608	47.649	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	161968	46.951	ug/l	95
22) Diisopropyl ether	3.82	45	501315	54.127	ug/l	97
23) Vinyl Acetate	3.78	43	2057246	269.371	ug/l	98
24) 1,1-Dichloroethane	3.67	63	291951	50.464	ug/l	99
25) 2-Butanone	4.63	43	721035	350.892	ug/l	96
26) 2,2-Dichloropropane	4.55	77	287620	53.064	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	215834	55.665	ug/l	96
28) Bromochloromethane	4.98	49	156676	65.249	ug/l	89
29) Tetrahydrofuran	5.09	42	437686	338.204	ug/l	94
30) Chloroform	5.18	83	338225	55.376	ug/l	99
31) Cyclohexane	5.55	56	275625	54.190	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	281612	48.715	ug/l	98
36) 1,1-Dichloropropene	5.77	75	252783	48.312	ug/l	98
37) Ethyl Acetate	4.79	43	285454	61.745	ug/l	98
38) Carbon Tetrachloride	5.76	117	250796	42.718	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	276235	45.404	ug/l	99
40) Benzene	6.11	78	729328	46.454	ug/l	100
41) Methacrylonitrile	5.01	41	152190	60.638	ug/l	96
42) 1,2-Dichloroethane	6.17	62	241630	43.250	ug/l	99
43) Isopropyl Acetate	6.41	43	408373	50.584	ug/l	99
44) Trichloroethene	7.19	130	204525	42.537	ug/l	100
45) 1,2-Dichloropropane	7.49	63	184720	46.802	ug/l	98
46) Dibromomethane	7.64	93	122926	45.927	ug/l	97
47) Bromodichloromethane	7.88	83	280880	49.342	ug/l	100
48) Methyl methacrylate	7.74	41	214998	56.554	ug/l	97
49) 1,4-Dioxane	7.71	88	86199	1012.925	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1458212	300.308	ug/l	98
52) Toluene	8.77	92	530113	50.898	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	341653	54.593	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	343111	51.249	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	211797	53.860	ug/l	97
56) Ethyl methacrylate	9.16	69	335079	58.860	ug/l	97
57) 1,3-Dichloropropane	9.35	76	361152	54.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	795416	300.285	ug/l	96
59) 2-Hexanone	9.48	43	1088486	309.549	ug/l	99
60) Dibromochloromethane	9.57	129	243825	51.686	ug/l	99
61) 1,2-Dibromoethane	9.65	107	226151	52.993	ug/l	99
64) Tetrachloroethene	9.32	164	219187	41.436	ug/l	98
65) Chlorobenzene	10.12	112	534842	46.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	205752	45.894	ug/l	98
67) Ethyl Benzene	10.24	91	933446	47.826	ug/l	99
68) m/p-Xylenes	10.34	106	680643	89.619	ug/l	99
69) o-Xylene	10.68	106	309823	44.118	ug/l	99
70) Styrene	10.69	104	548600	45.976	ug/l	100
71) Bromoform	10.84	173	157226	41.713	ug/l #	99
73) Isopropylbenzene	11.00	105	832358	51.579	ug/l	100
74) N-amyl acetate	10.88	43	338263	60.028	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	240046	52.679	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	299480	65.424	ug/l	86
77) Bromobenzene	11.24	156	214549	48.749	ug/l	97
78) n-propylbenzene	11.34	91	927236	51.485	ug/l	100
79) 2-Chlorotoluene	11.40	91	552886	50.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	693436	49.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	91193	48.785	ug/l	97
82) 4-Chlorotoluene	11.49	91	643420	48.671	ug/l	99
83) tert-Butylbenzene	11.76	119	677654	49.190	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	703060	49.018	ug/l	98
85) sec-Butylbenzene	11.93	105	768332	48.022	ug/l	100
86) p-Isopropyltoluene	12.05	119	726394	49.551	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369518	45.956	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	373427	45.921	ug/l	99
89) n-Butylbenzene	12.37	91	600795	47.793	ug/l	100
90) Hexachloroethane	12.58	117	125379	47.480	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	352523	45.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55031	50.933	ug/l	96

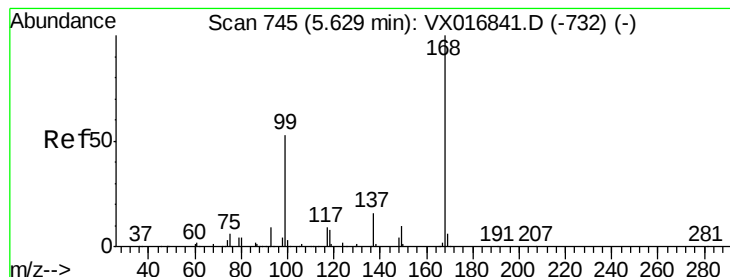
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	267724	51.362	ug/l	99
94) Hexachlorobutadiene	13.77	225	104137	44.274	ug/l	97
95) Naphthalene	13.82	128	853310	55.761	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	253479	48.763	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

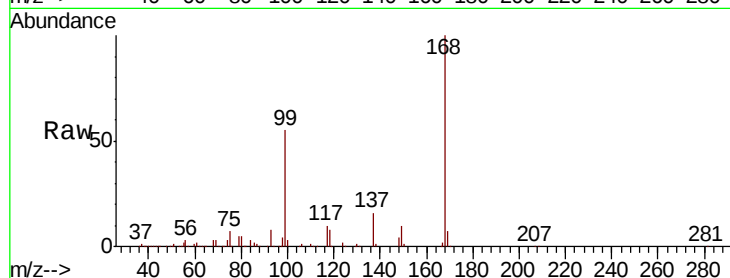
VSTDCCC050EC

Tot Ion:168 Resp: 341985

Ion Ratio Lower Upper

168 100

99 55.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

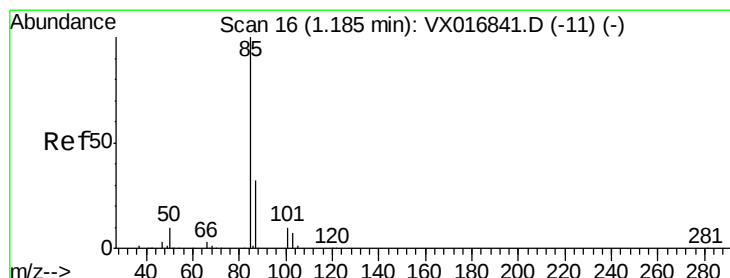
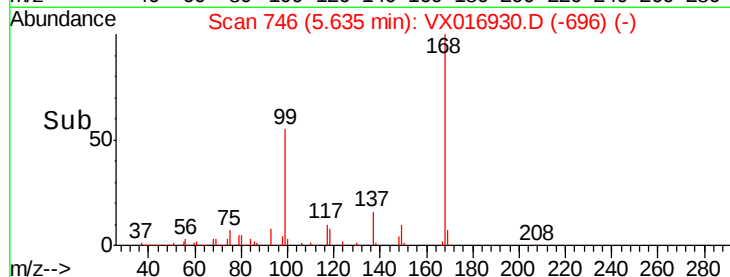
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.242 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016930.D

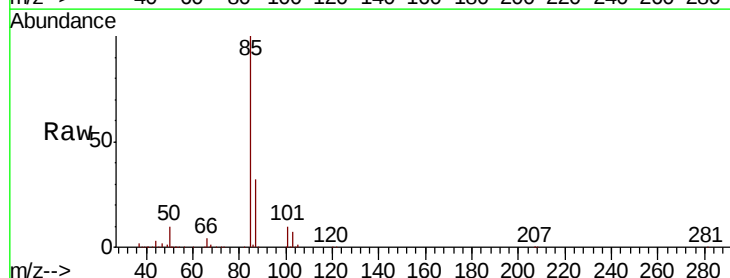
Acq: 22 Jun 2020 19:15

Tgt Ion: 85 Resp: 210861

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

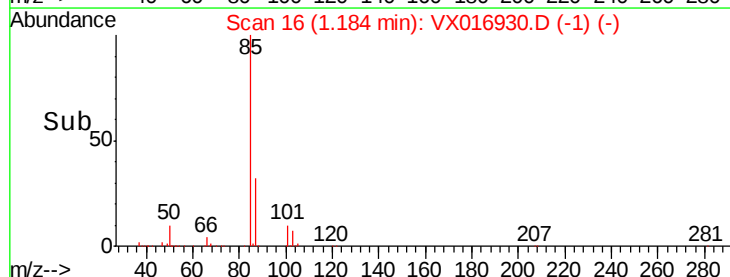
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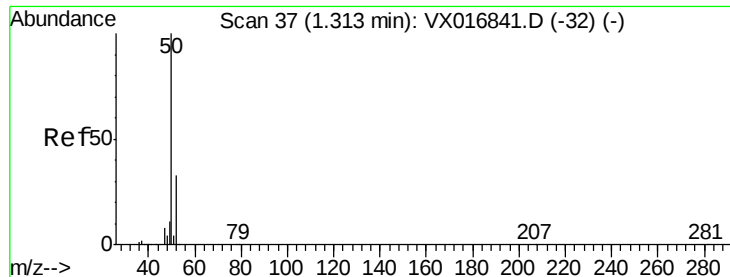
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.858 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

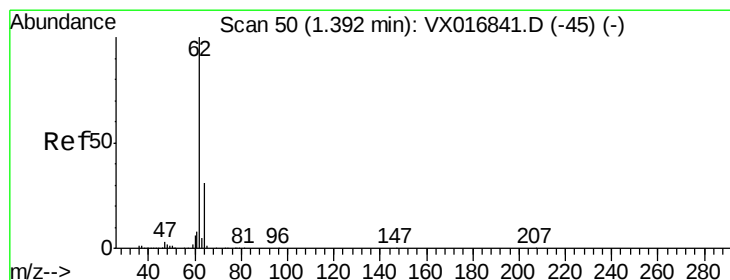
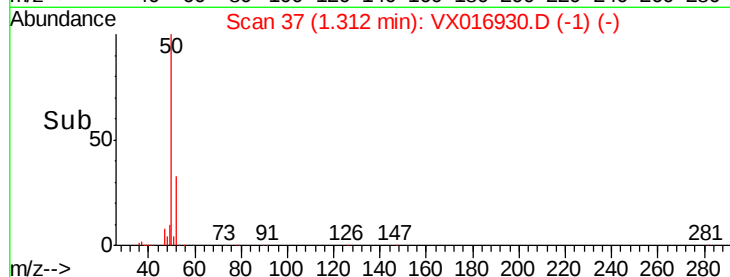
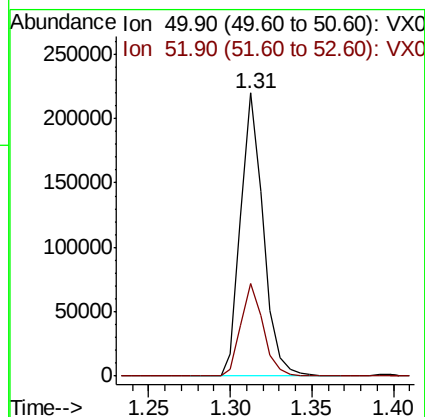
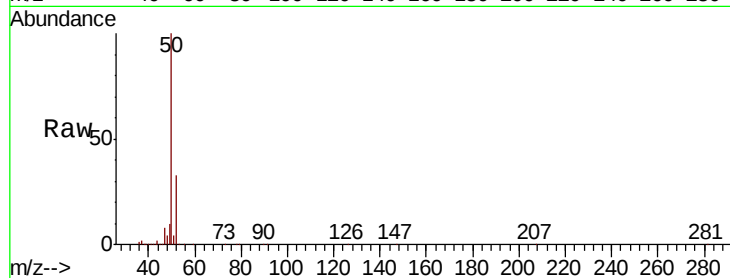
VSTDCCC050EC

Tot Ion: 50 Resp: 212174

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 50.044 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016930.D

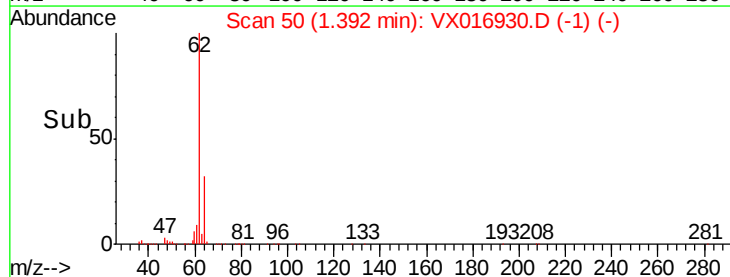
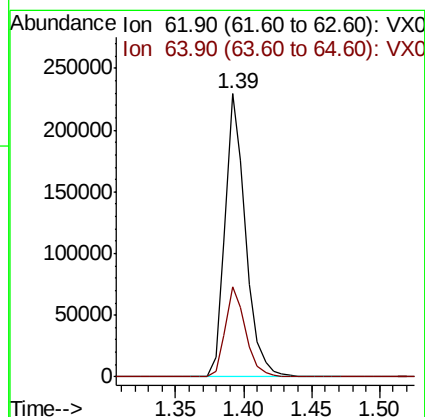
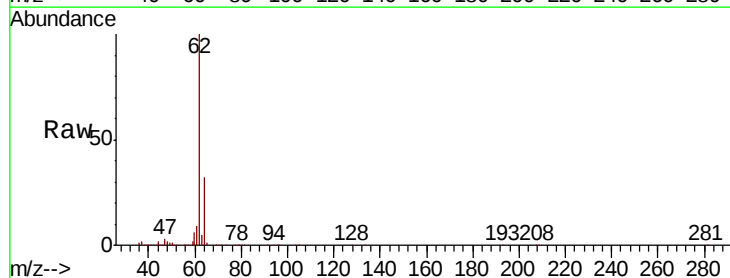
Acq: 22 Jun 2020 19:15

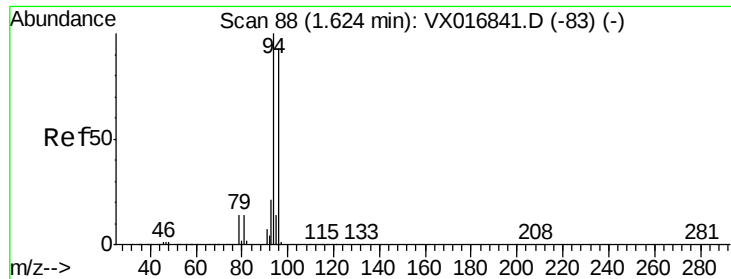
Tgt Ion: 62 Resp: 240026

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4





#5

Bromomethane

Concen: 39.400 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

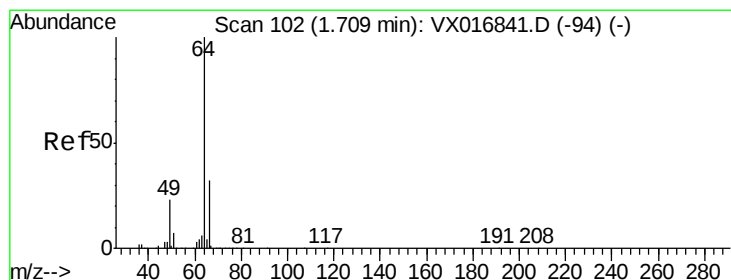
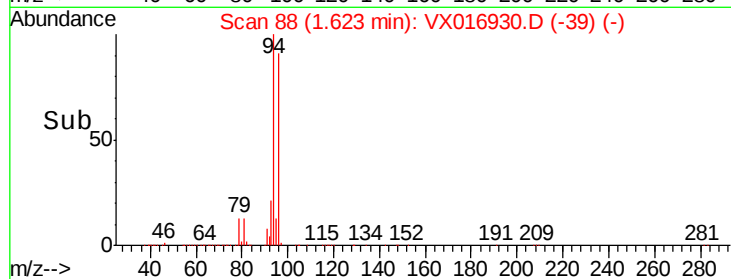
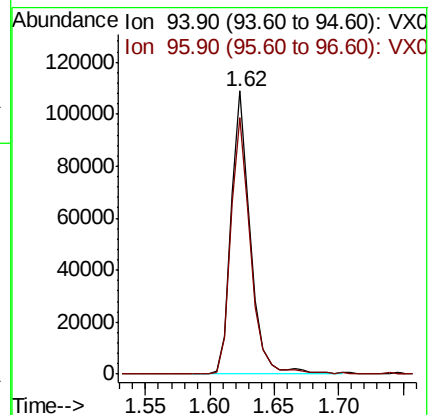
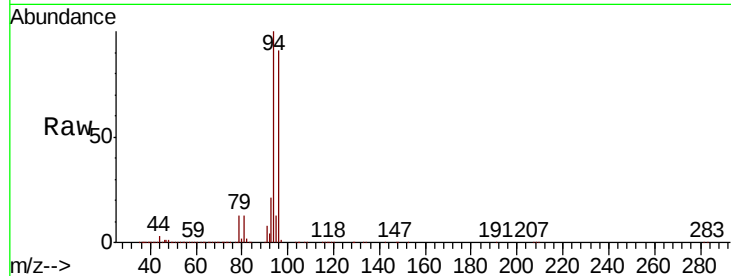
VSTDCCC050EC

Tot Ion: 94 Resp: 113786

Ion Ratio Lower Upper

94 100

96 90.6 74.4 111.6



#6

Chloroethane

Concen: 46.731 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016930.D

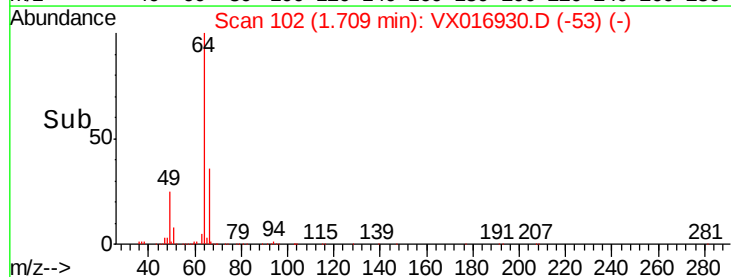
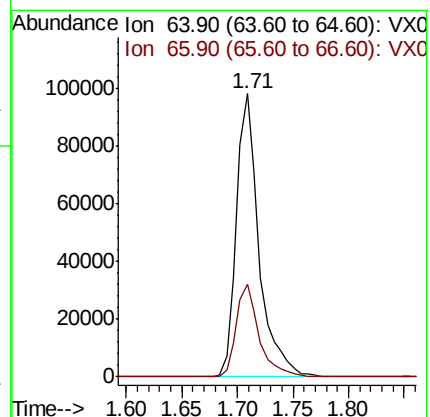
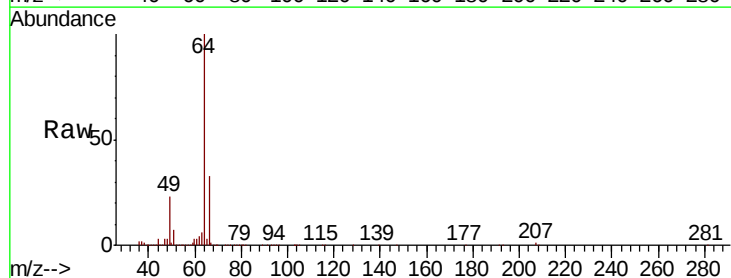
Acq: 22 Jun 2020 19:15

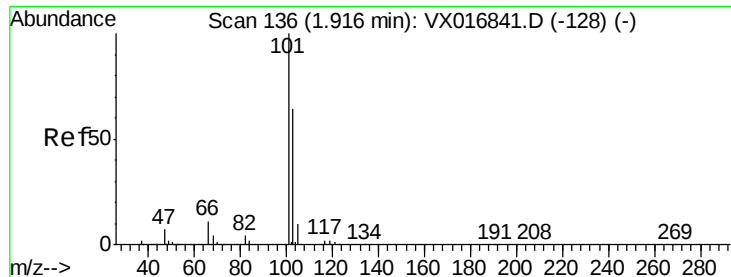
Tgt Ion: 64 Resp: 138042

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5



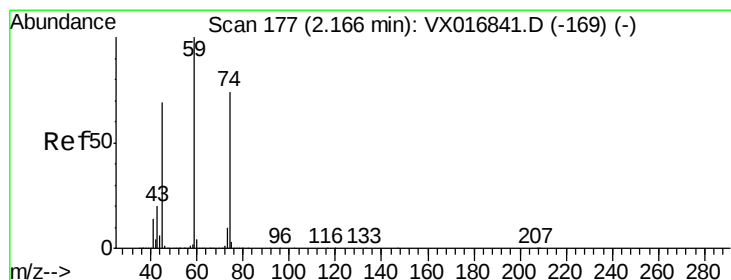
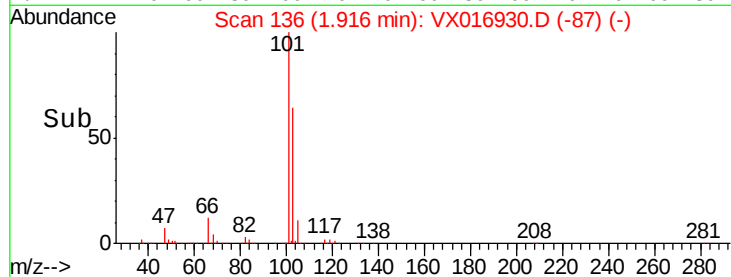
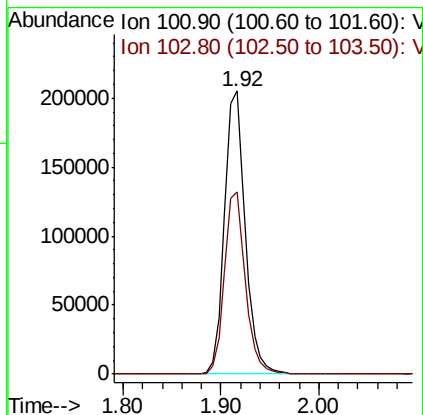
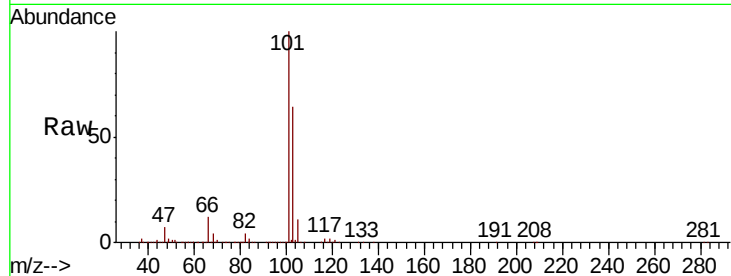


#7

Trichlorofluoromethane
 Concen: 45.084 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

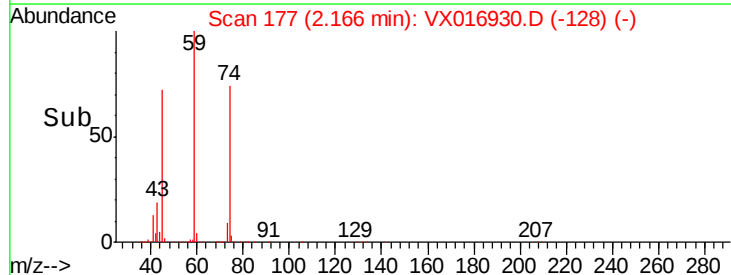
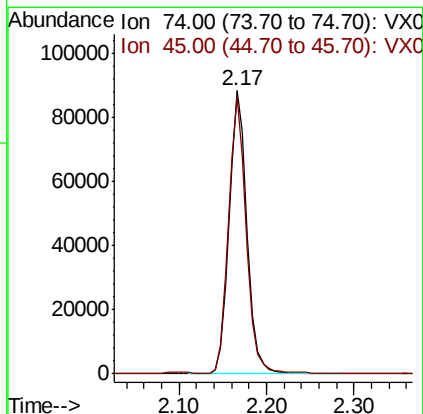
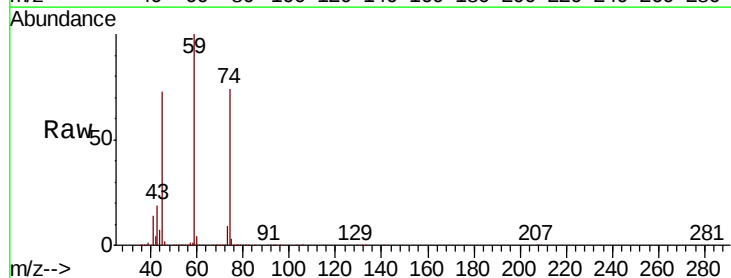
Tot Ion:101 Resp: 302500
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8

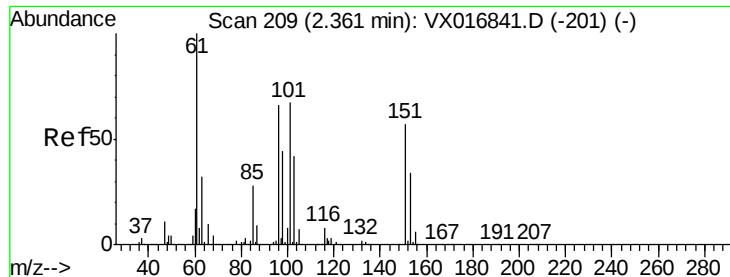


#8

Diethyl Ether
 Concen: 47.827 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion: 74 Resp: 124767
 Ion Ratio Lower Upper
 74 100
 45 96.2 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.311 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

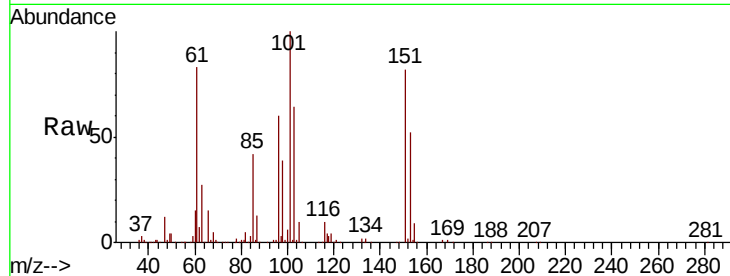
Tot Ion:101 Resp: 158367

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

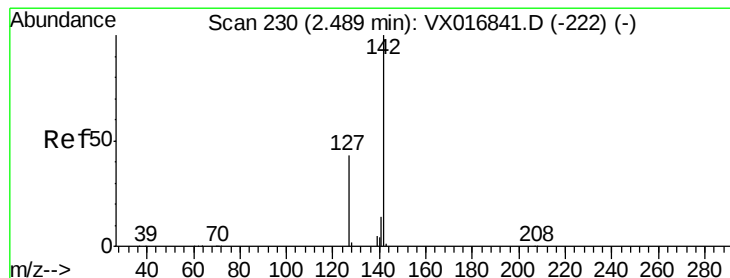
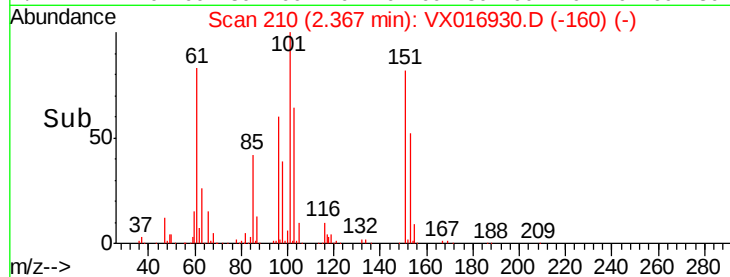
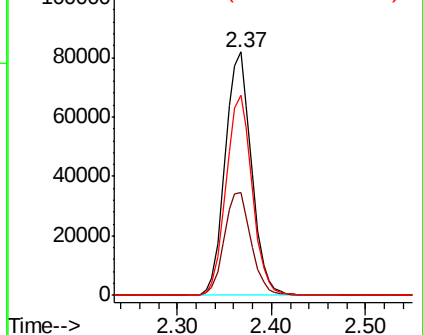
151 81.7 67.6 101.4



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: 31.700 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

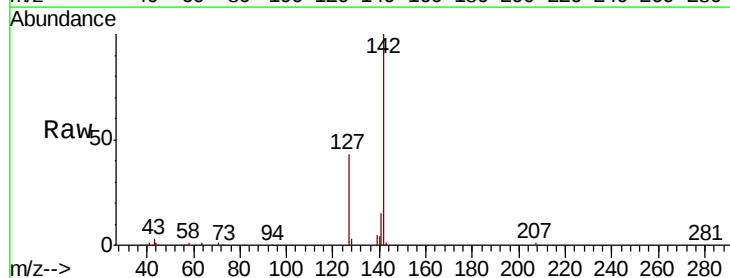
Tgt Ion:142 Resp: 107856

Ion Ratio Lower Upper

142 100

127 41.0 35.1 52.7

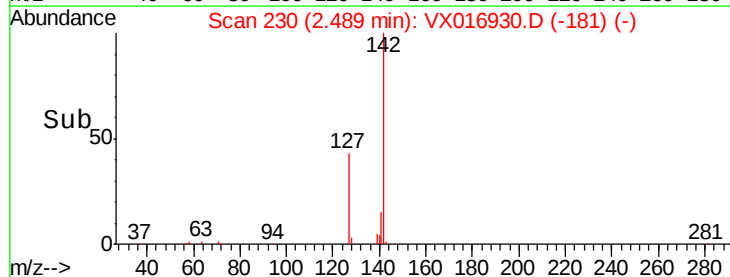
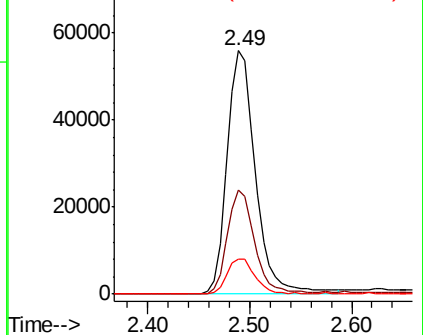
141 14.5 11.6 17.4

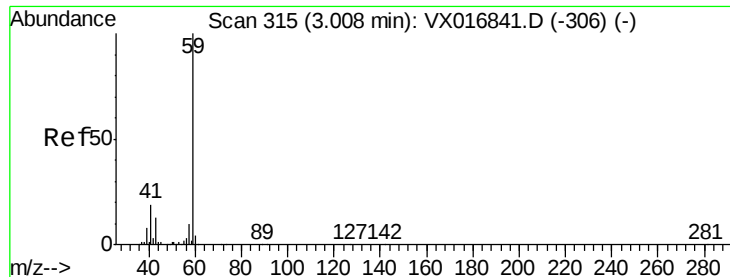


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



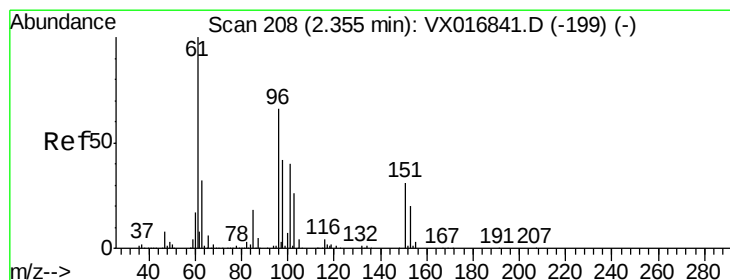
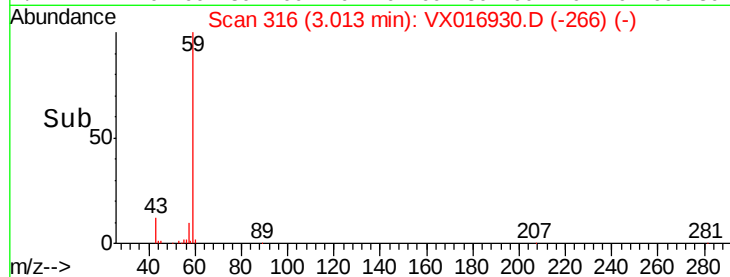
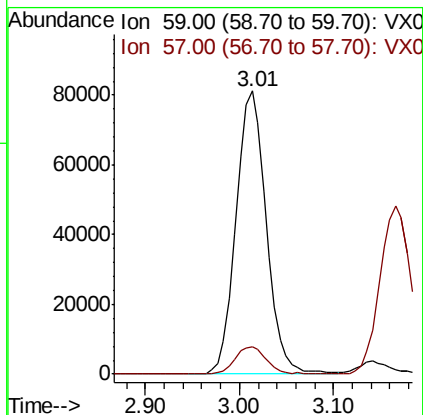
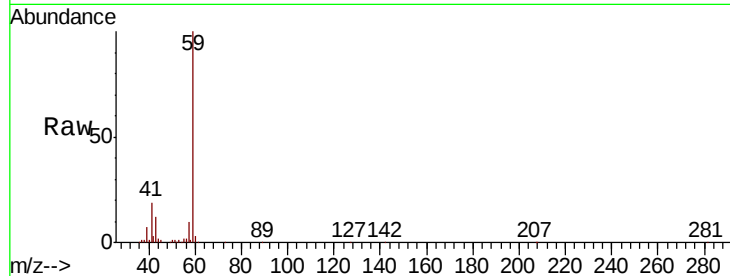


#11

Tert butyl alcohol
 Concen: 262.487 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

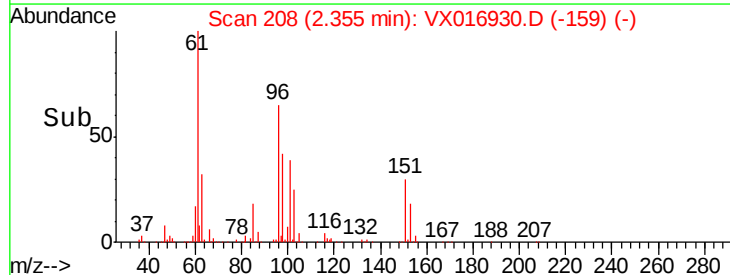
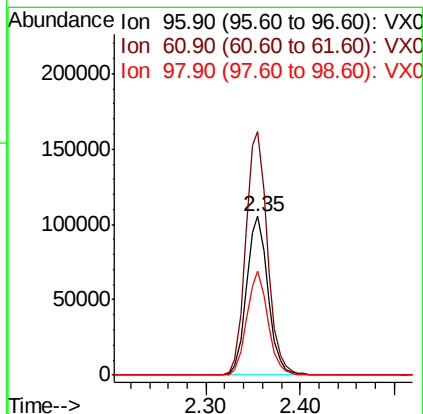
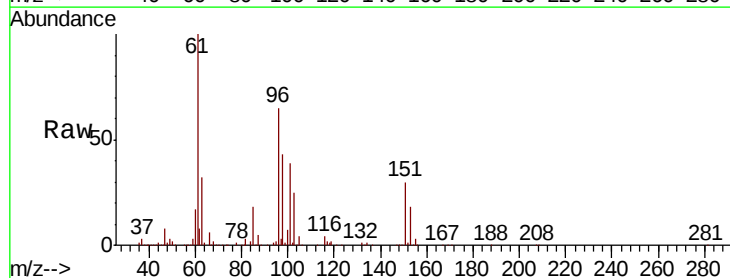
Tot Ion: 59 Resp: 182508
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

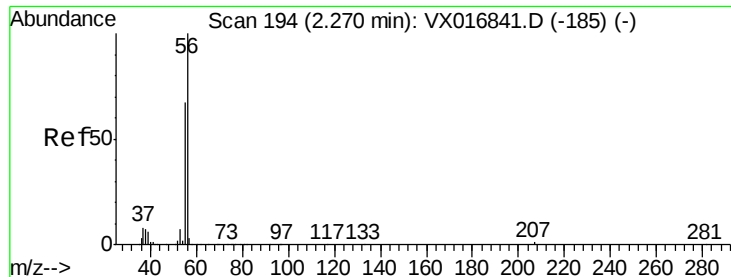


#12

1,1-Dichloroethene
 Concen: 45.989 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion: 96 Resp: 168071
 Ion Ratio Lower Upper
 96 100
 61 153.2 121.7 182.5
 98 65.2 51.1 76.7





#13

Acrolein

Concen: 487.177 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

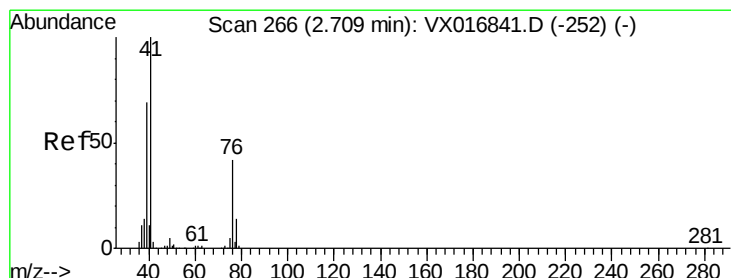
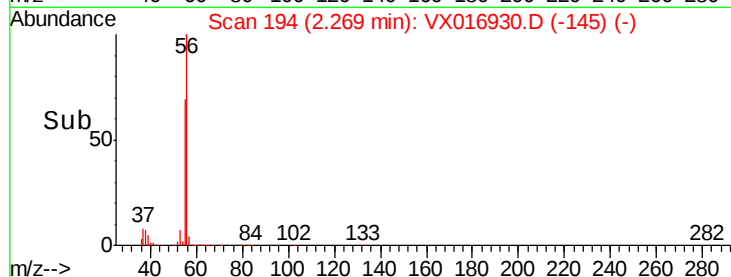
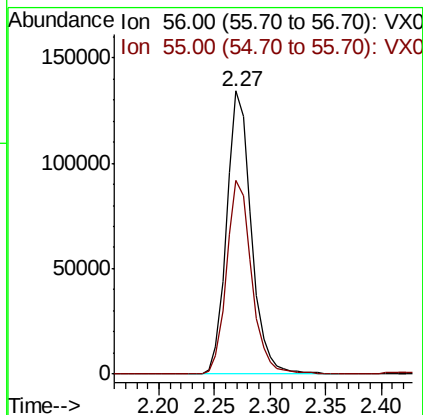
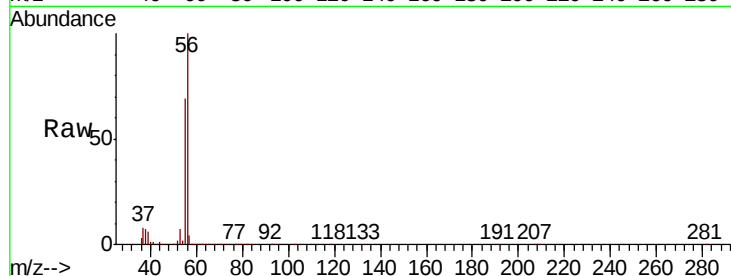
VSTDCCC050EC

Tot Ion: 56 Resp: 205374

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 53.048 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

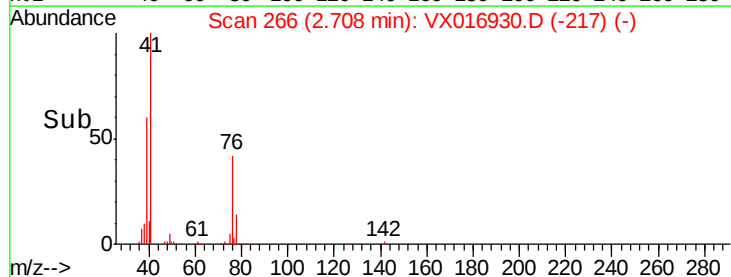
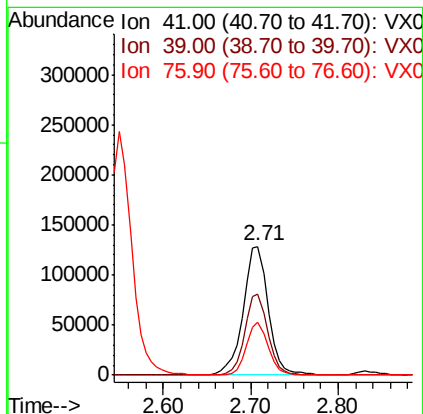
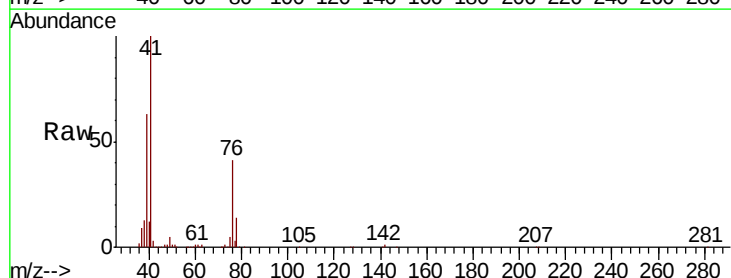
Tgt Ion: 41 Resp: 256437

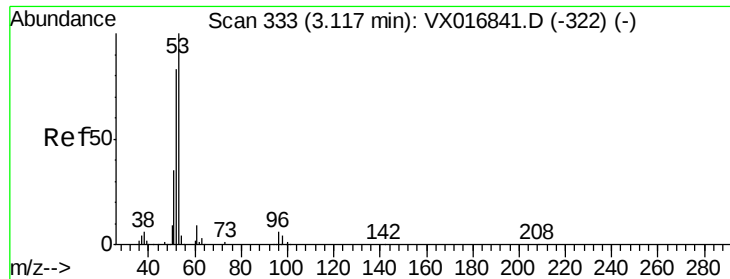
Ion Ratio Lower Upper

41 100

39 57.8 50.7 76.1

76 35.6 30.9 46.3

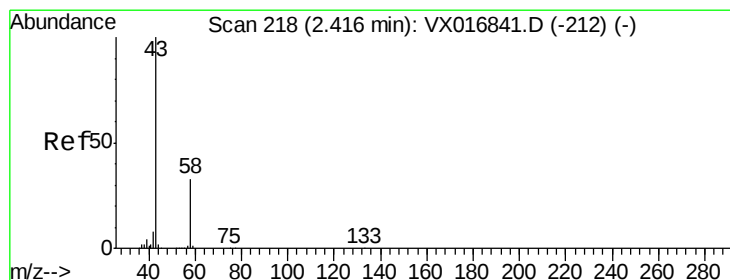
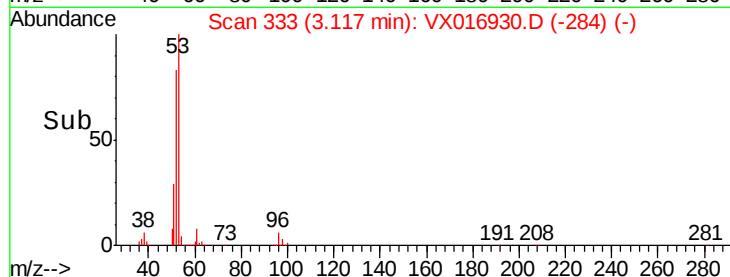
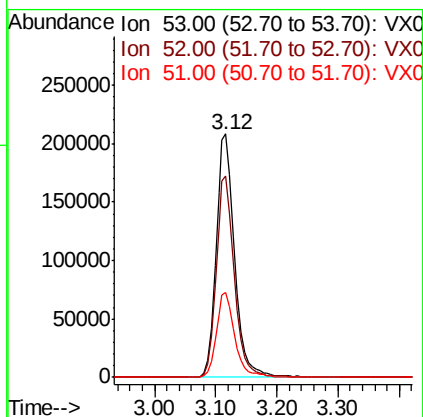
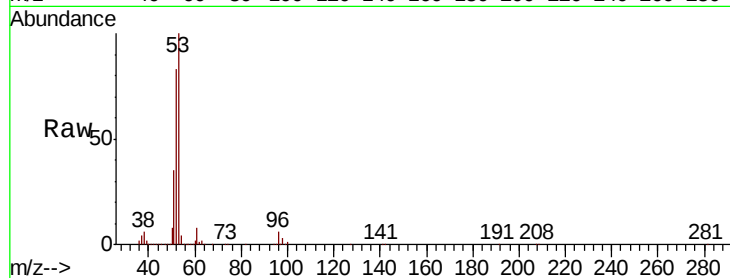




#15
 Acrylonitrile
 Concen: 277.088 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

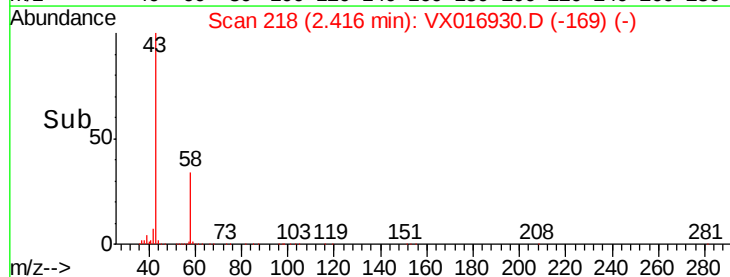
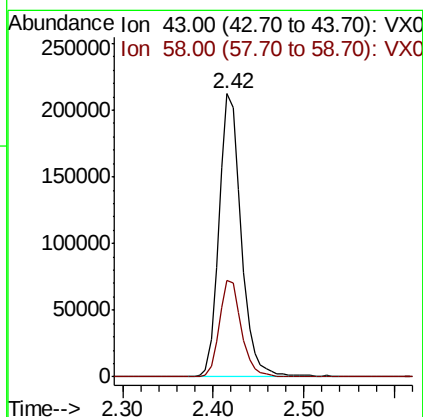
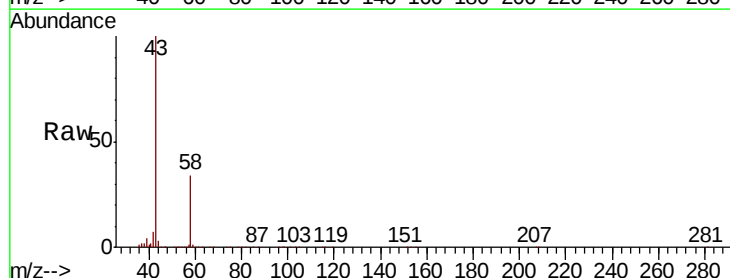
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

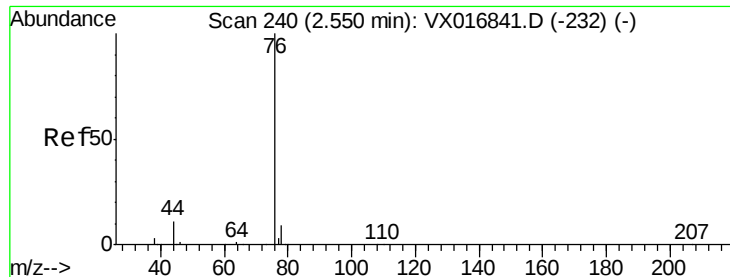
Tot Ion: 53 Resp: 441499
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.2 99.2
 51 34.9 28.7 43.1



#16
 Acetone
 Concen: 243.871 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion: 43 Resp: 364119
 Ion Ratio Lower Upper
 43 100
 58 34.0 26.6 39.8

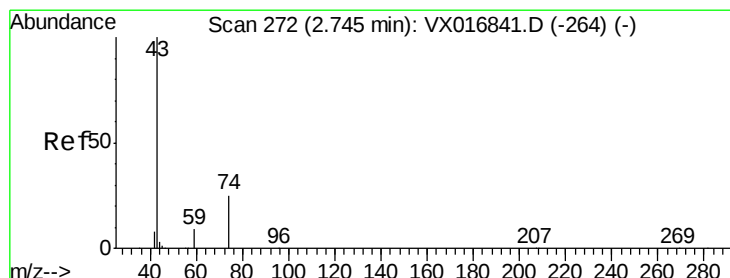
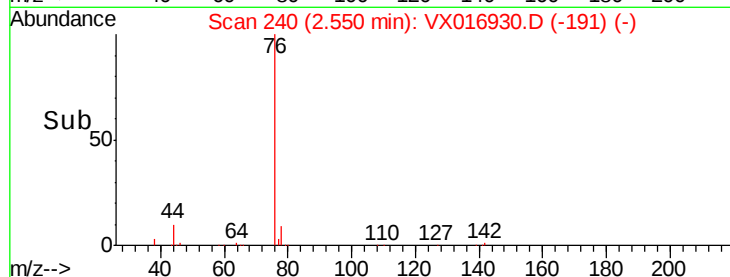
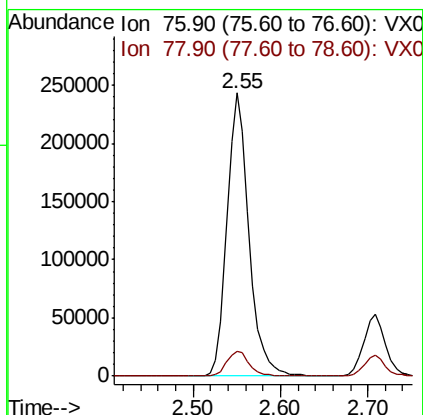
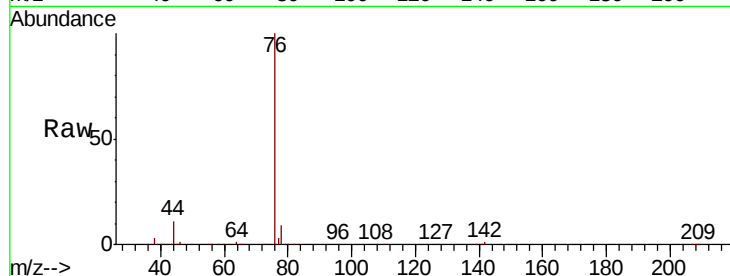




#17
Carbon Disulfide
Concen: 44.646 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

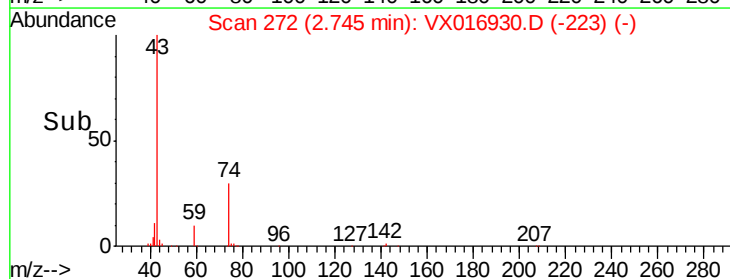
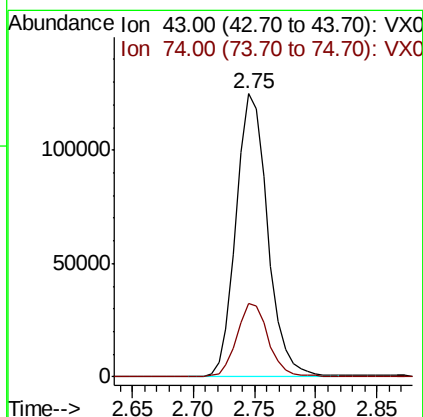
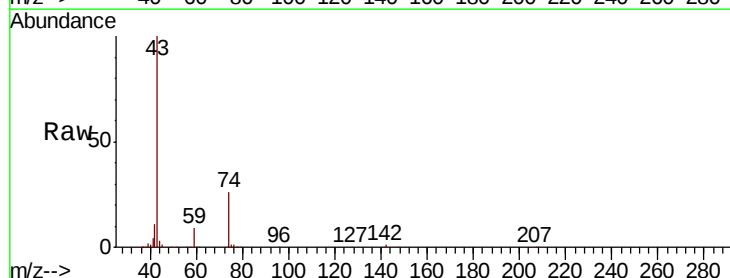
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

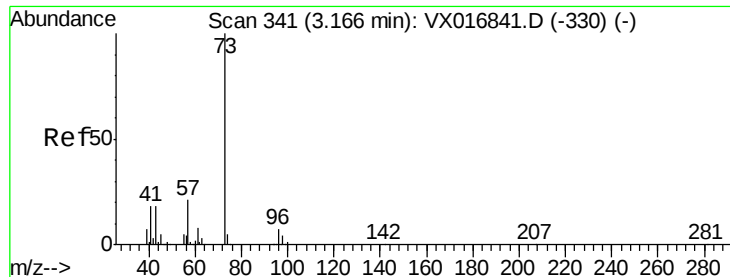
Tot Ion: 76 Resp: 421665
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 58.934 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 43 Resp: 223756
Ion Ratio Lower Upper
43 100
74 26.2 21.8 32.8



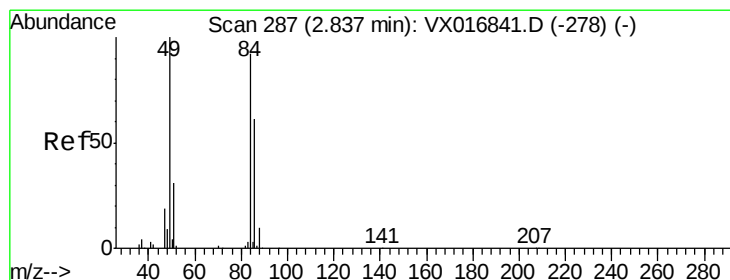
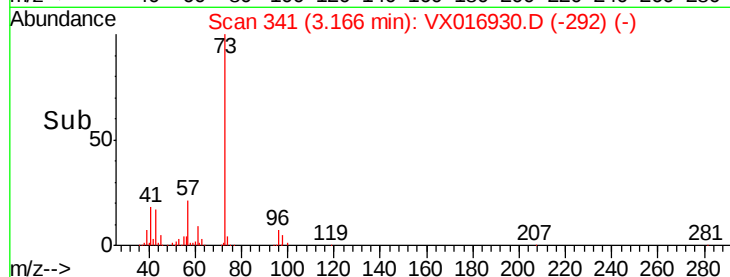
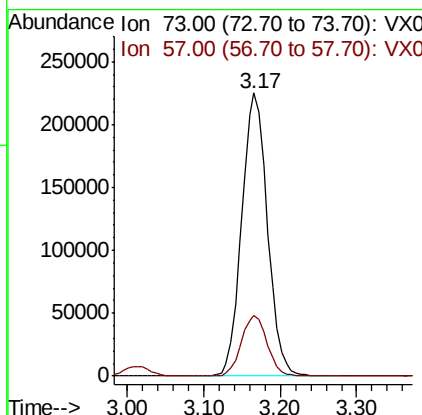
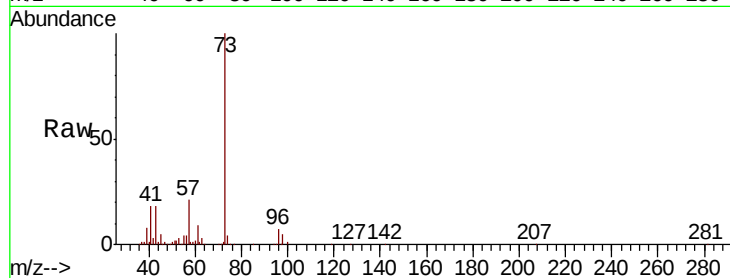


#19

Methyl tert-butyl Ether
 Concen: 50.288 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

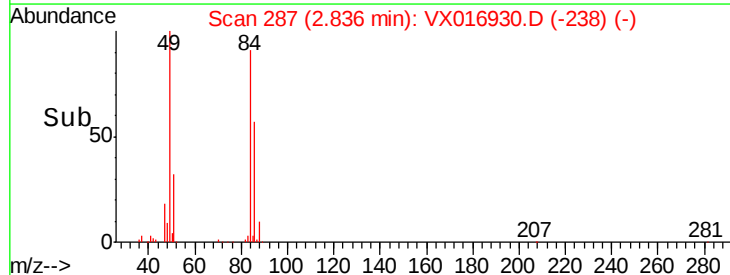
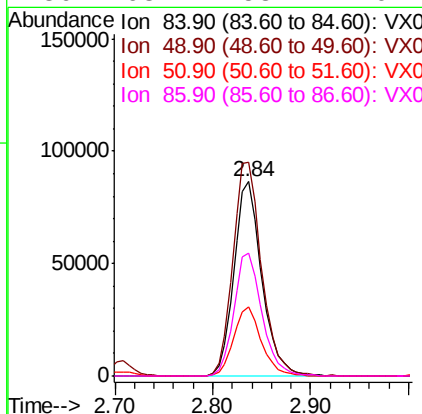
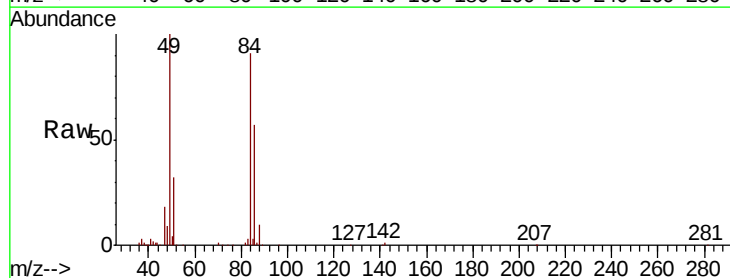
Tot Ion: 73 Resp: 523743
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.9 25.3

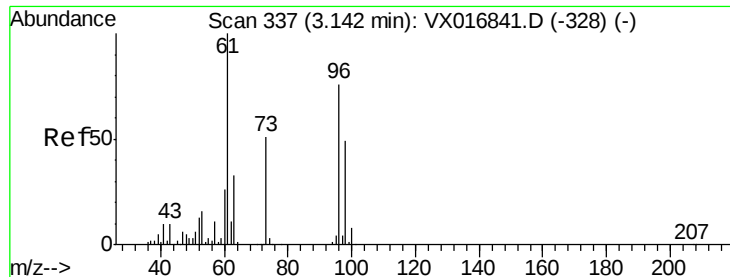


#20

Methylene Chloride
 Concen: 47.649 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion: 84 Resp: 170608
 Ion Ratio Lower Upper
 84 100
 49 109.9 86.6 129.8
 51 35.3 27.1 40.7
 86 63.1 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 46.951 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

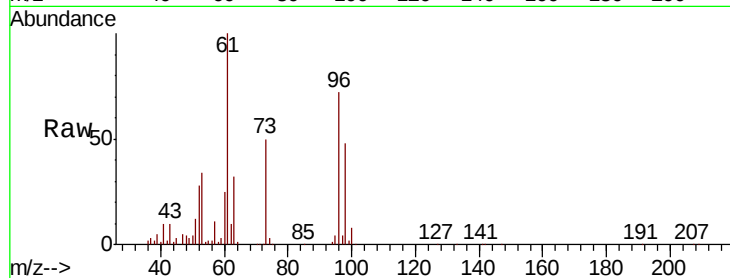
Tot Ion: 96 Resp: 161968

Ion Ratio Lower Upper

96 100

61 138.1 105.4 158.0

98 66.3 51.3 76.9

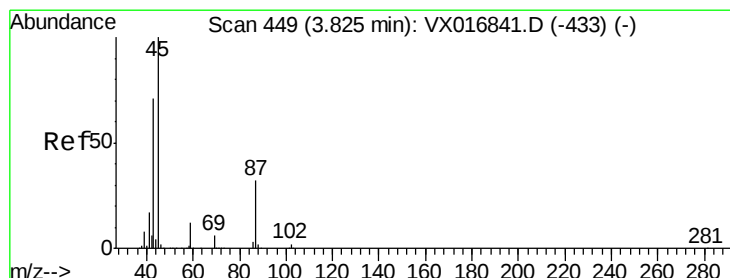
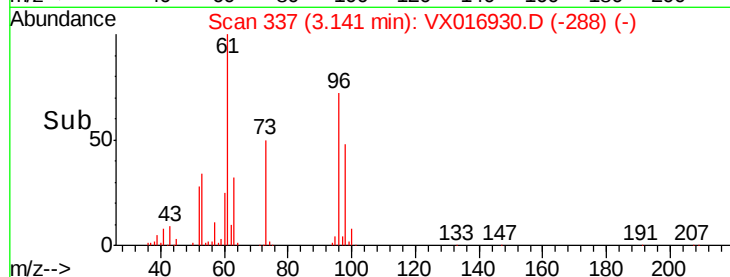
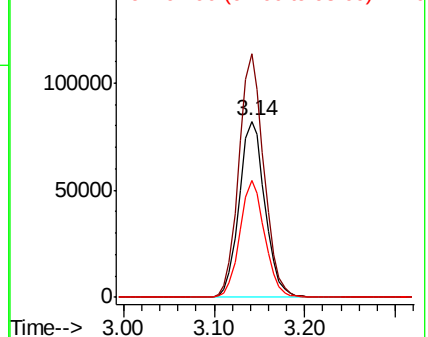


Abundance

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: 54.127 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion: 45 Resp: 501315

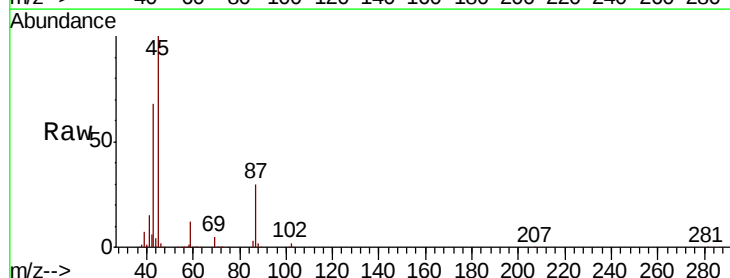
Ion Ratio Lower Upper

45 100

43 67.8 57.0 85.4

87 29.8 25.2 37.8

59 12.0 9.9 14.9



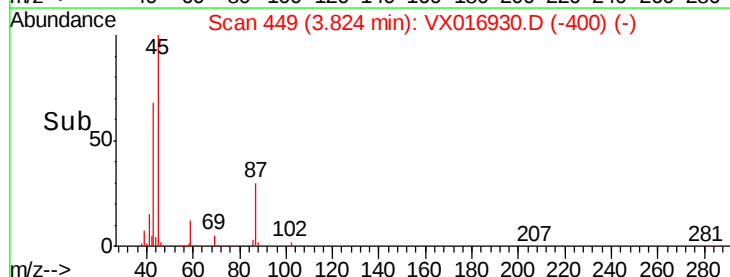
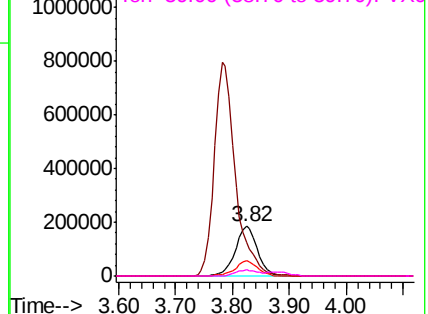
Abundance

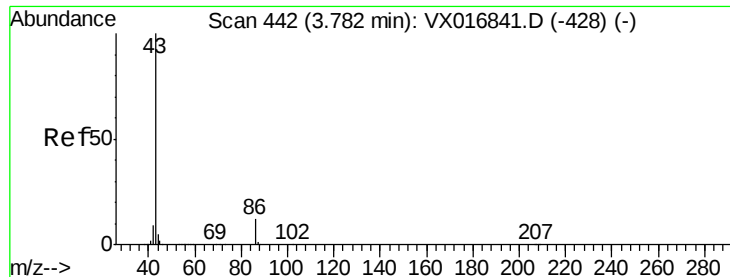
Ion 45.00 (44.70 to 45.70): VX0

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: 269.371 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

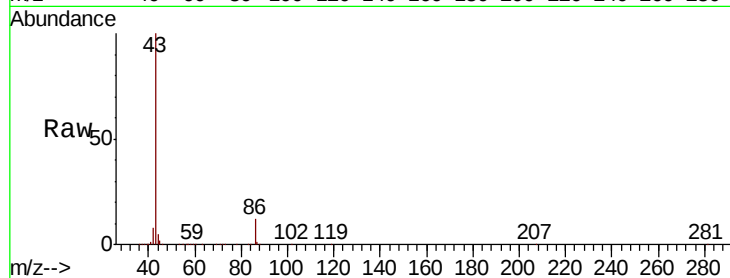
VSTDCCC050EC

Tot Ion: 43 Resp: 2057246

Ion Ratio Lower Upper

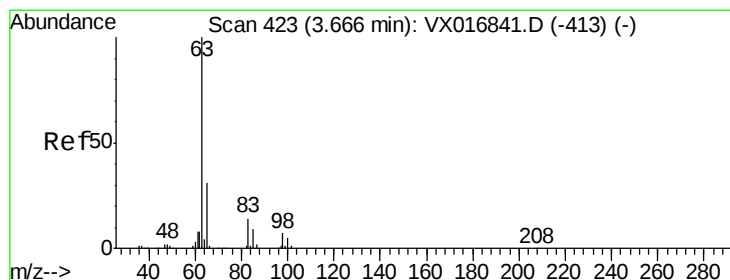
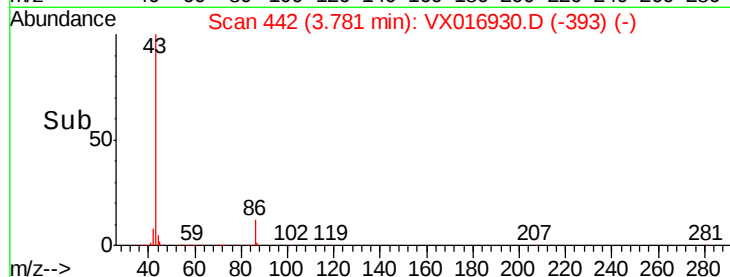
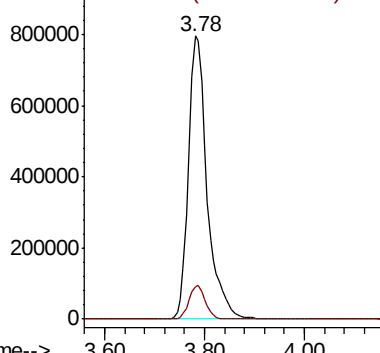
43 100

86 11.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.464 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

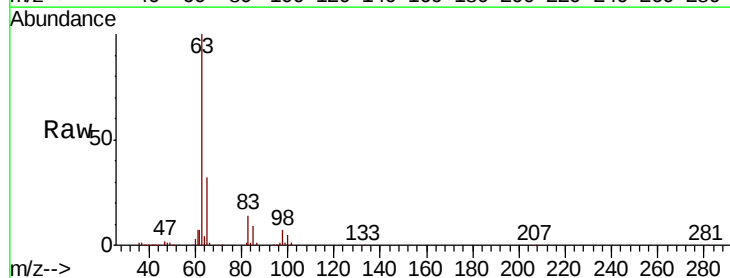
Tgt Ion: 63 Resp: 291951

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

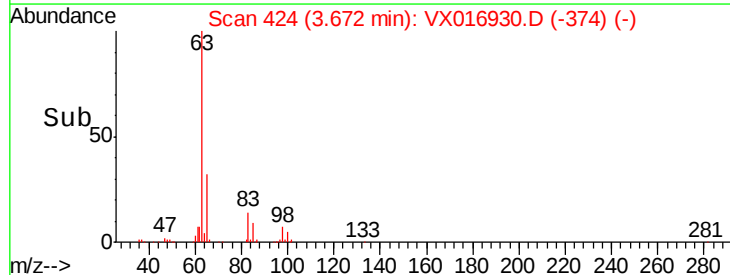
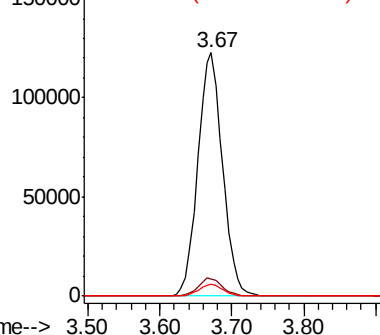
100 4.8 2.4 7.1

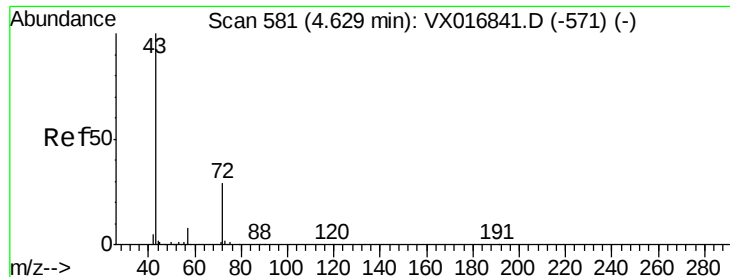


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

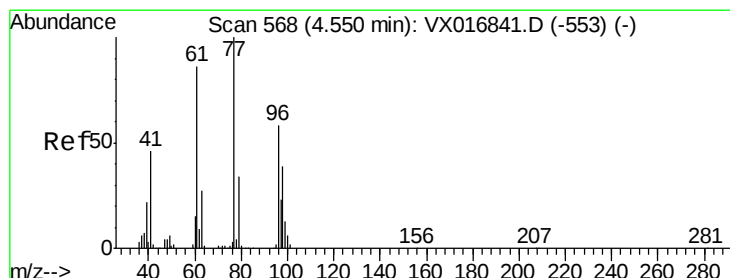
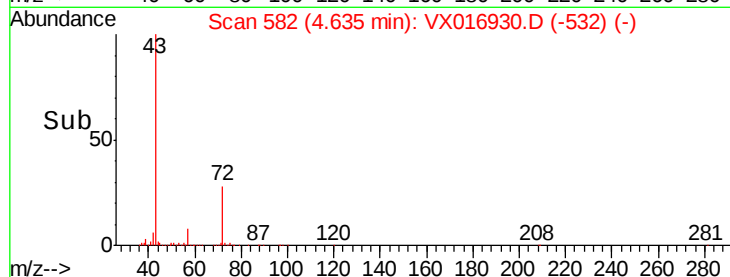
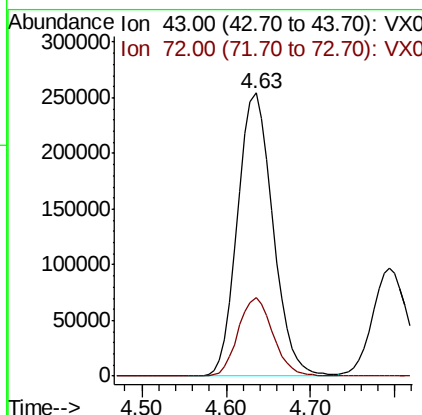
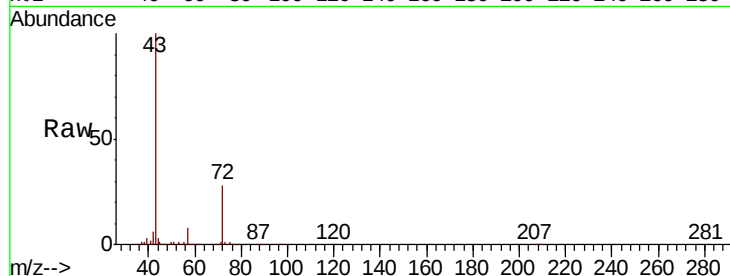




#25
2-Butanone
Concen: 350.892 ug/l
RT: 4.63 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

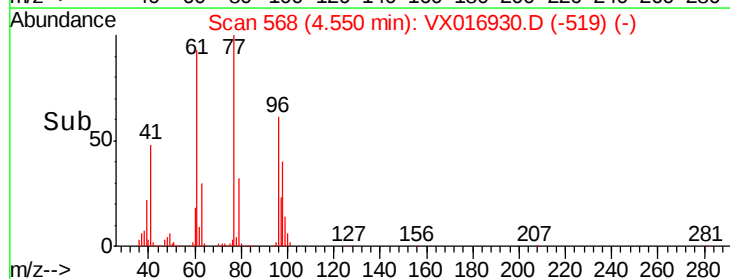
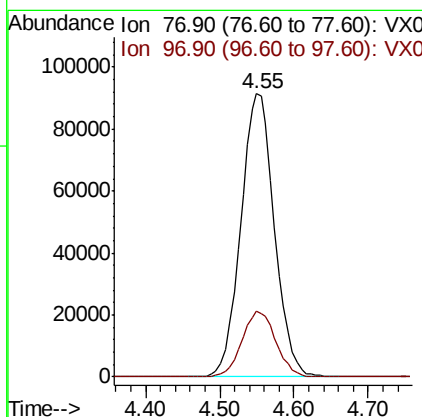
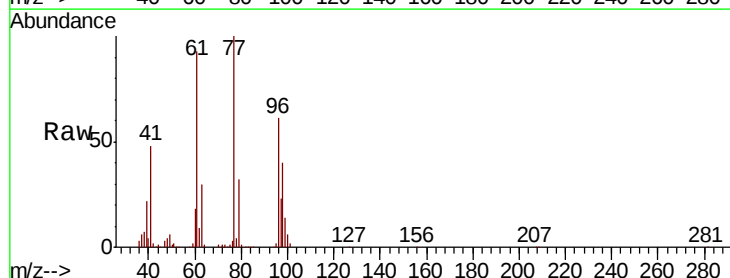
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

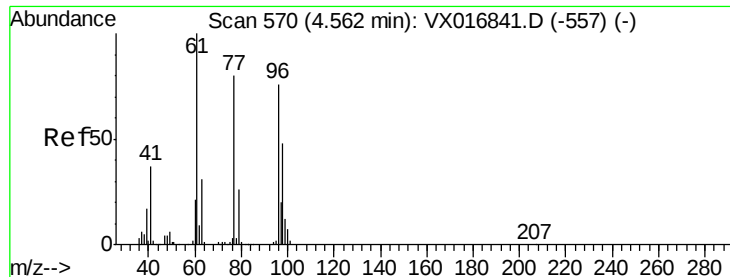
Tot Ion: 43 Resp: 721035
Ion Ratio Lower Upper
43 100
72 27.5 23.5 35.3



#26
2,2-Dichloropropane
Concen: 53.064 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 77 Resp: 287620
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7



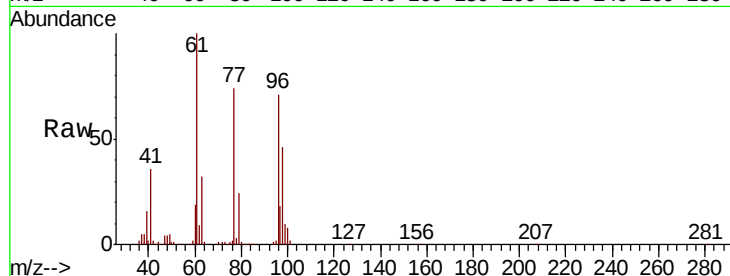


#27

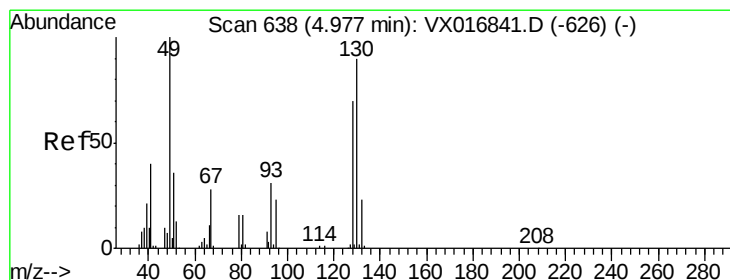
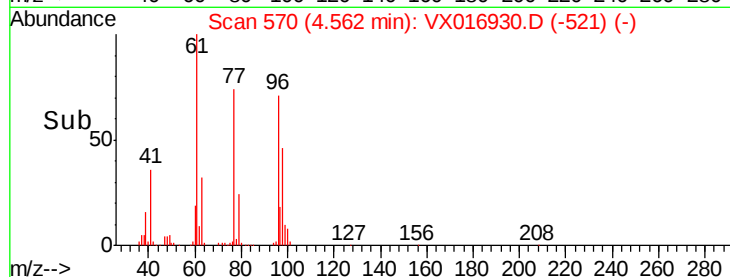
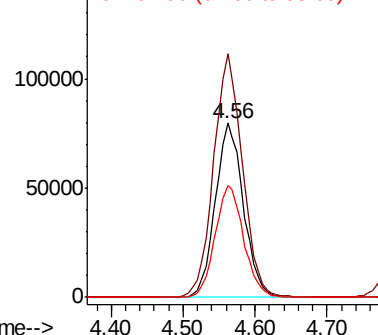
cis-1,2-Dichloroethene
Concen: 55.665 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 215834
Ion Ratio Lower Upper
96 100
61 143.5 0.0 273.8
98 65.0 0.0 129.0



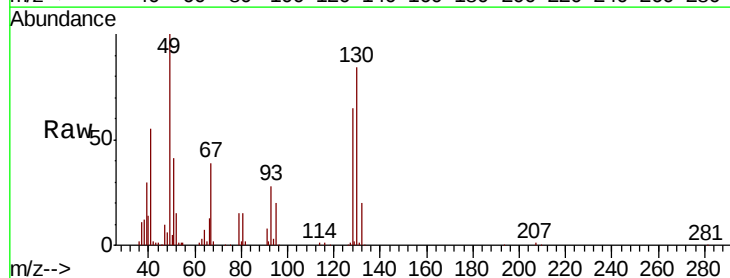
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



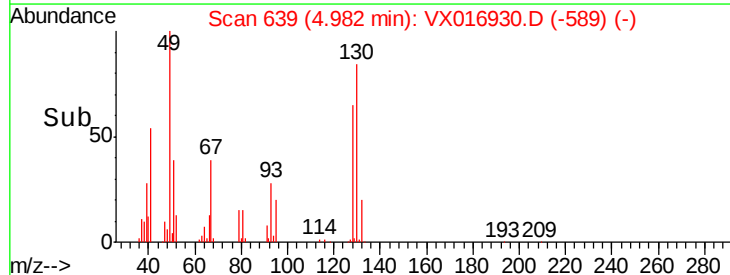
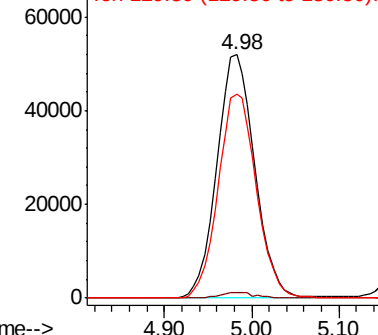
#28

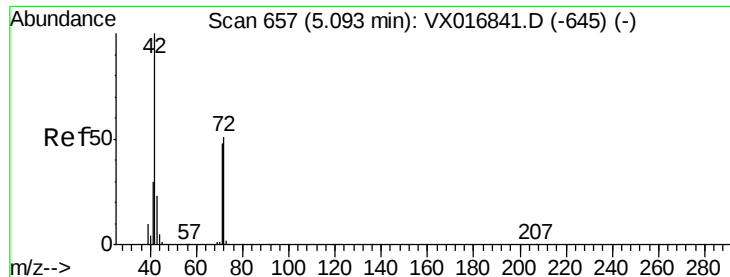
Bromochloromethane
Concen: 65.249 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 49 Resp: 156676
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 84.5 76.8 115.2



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





#29

Tetrahydrofuran

Concen: 338.204 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

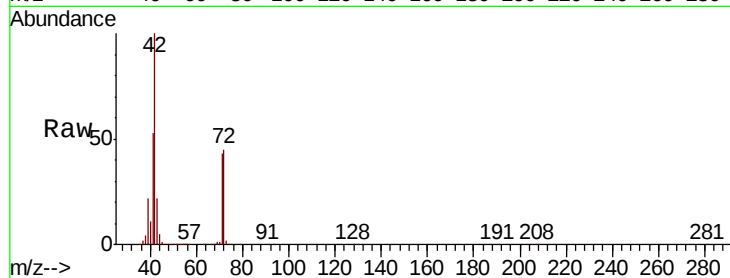
Tot Ion: 42 Resp: 437686

Ion Ratio Lower Upper

42 100

72 47.0 41.1 61.7

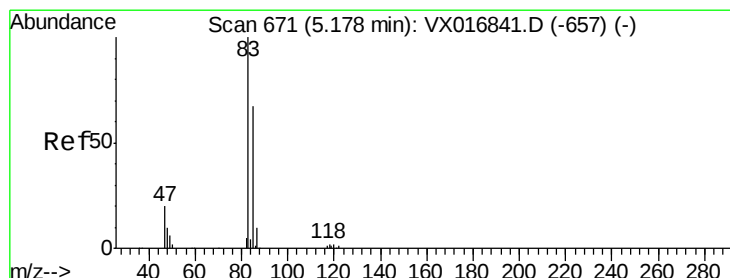
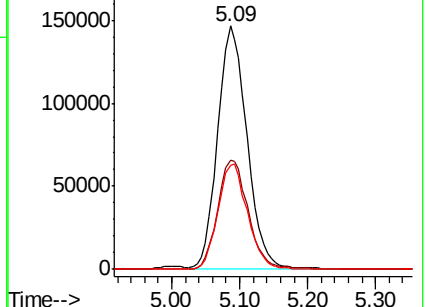
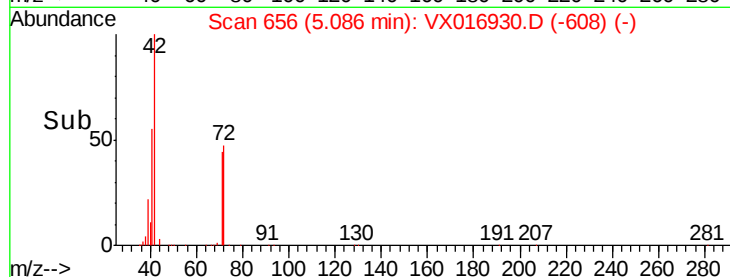
71 43.8 38.4 57.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.376 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016930.D

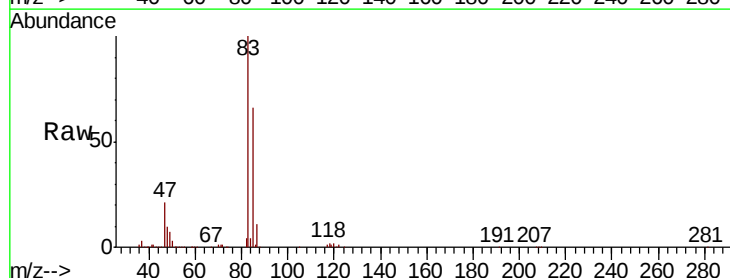
Acq: 22 Jun 2020 19:15

Tgt Ion: 83 Resp: 338225

Ion Ratio Lower Upper

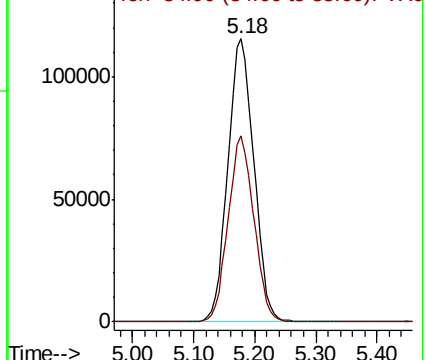
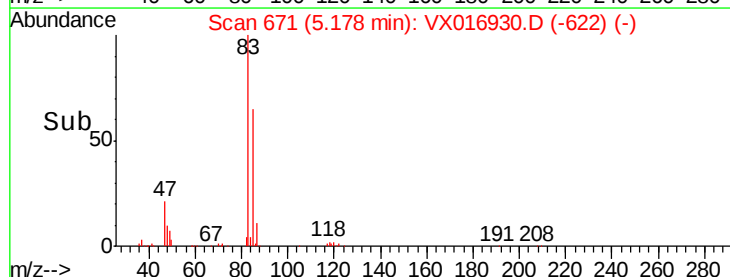
83 100

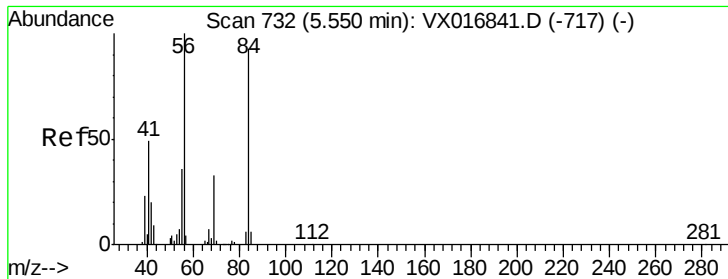
85 65.8 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

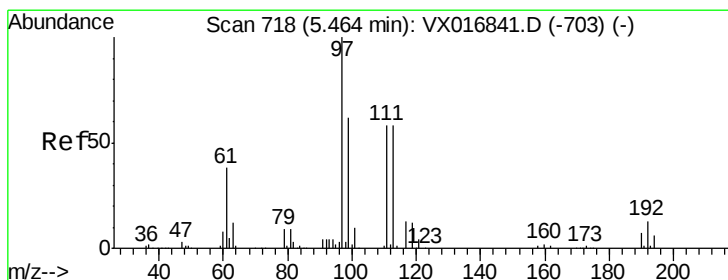
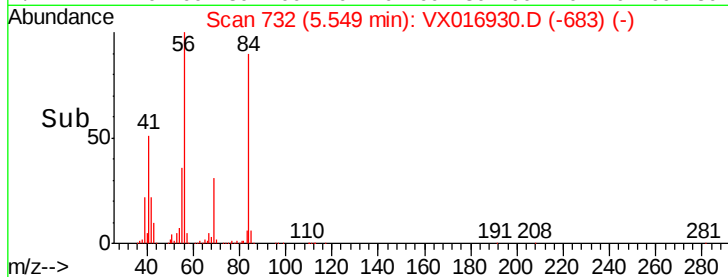
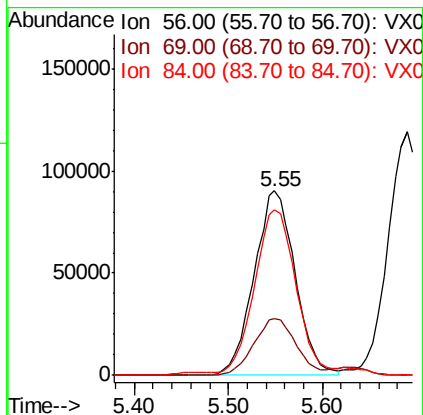
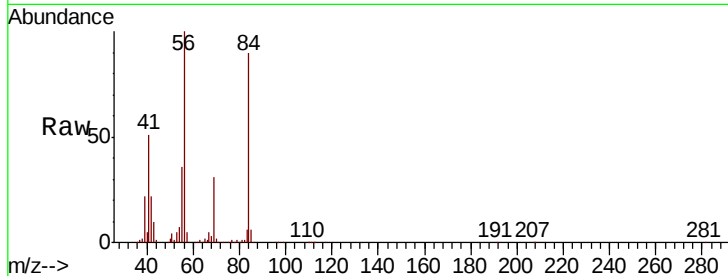




#31
Cyclohexane
Concen: 54.190 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

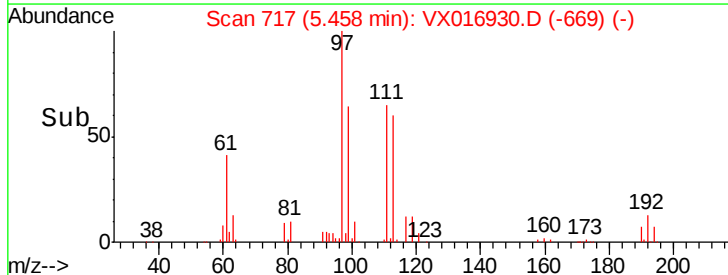
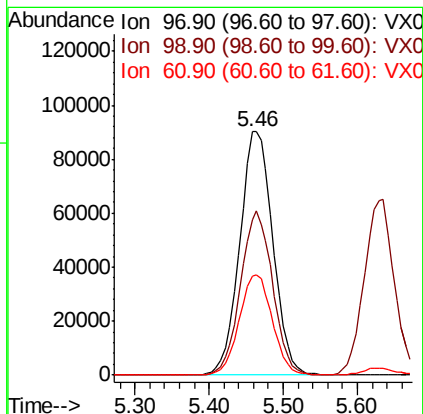
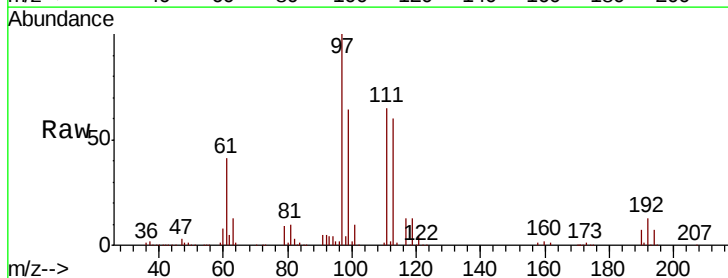
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

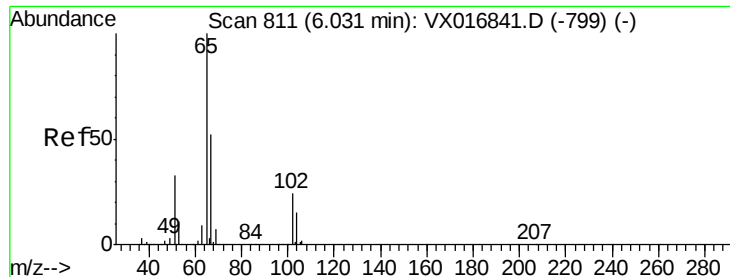
Tot Ion: 56 Resp: 275625
Ion Ratio Lower Upper
56 100
69 31.1 26.1 39.1
84 88.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 97 Resp: 281612
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 41.2 31.3 46.9

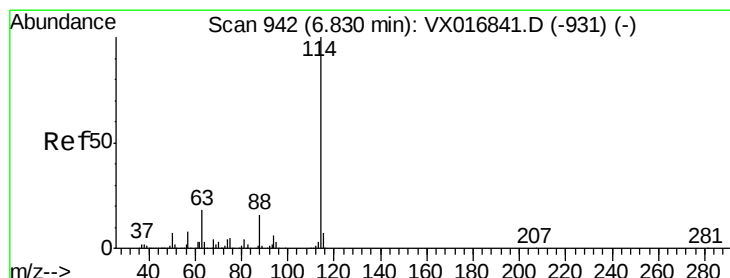
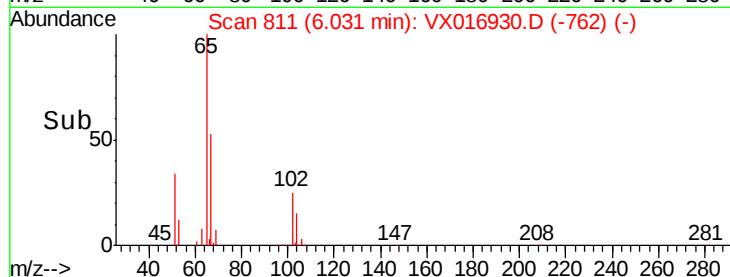
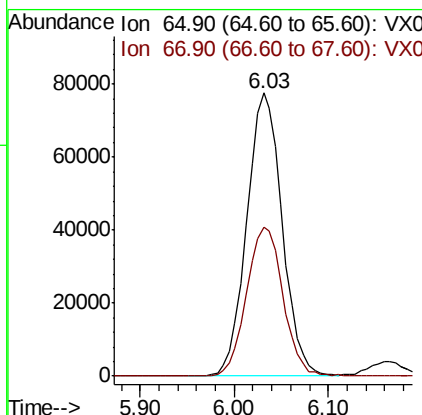
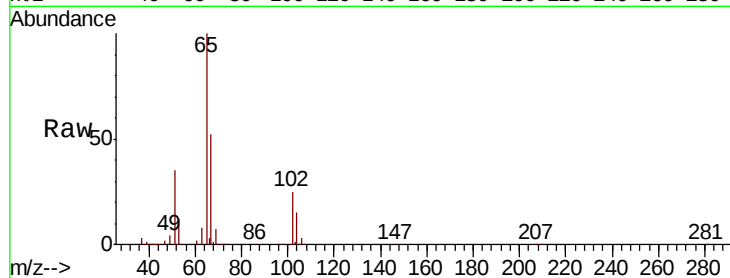




#33
 1,2-Dichloroethane-d4
 Concen: 49.507 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

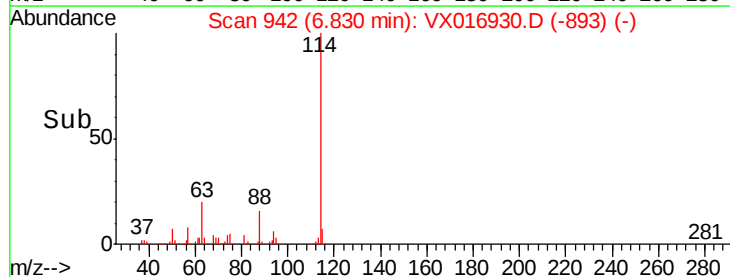
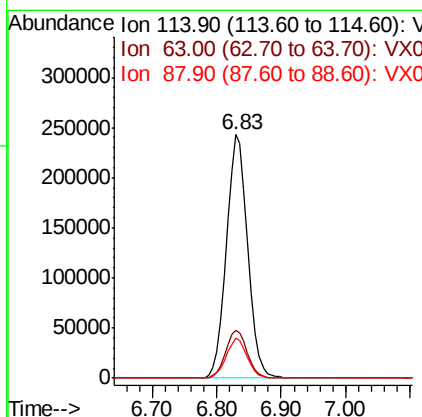
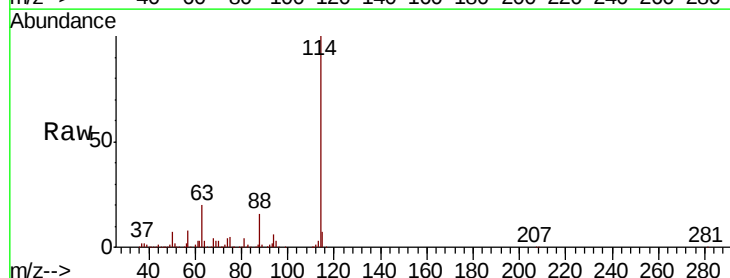
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

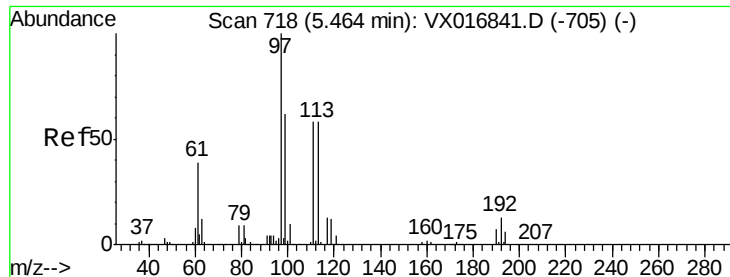
Tot Ion: 65 Resp: 203622
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion: 114 Resp: 566683
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.0
 88 16.4 0.0 32.0

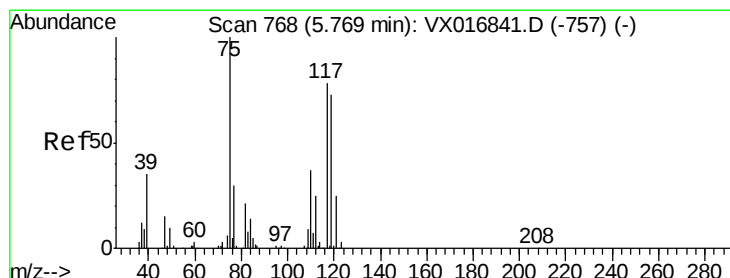
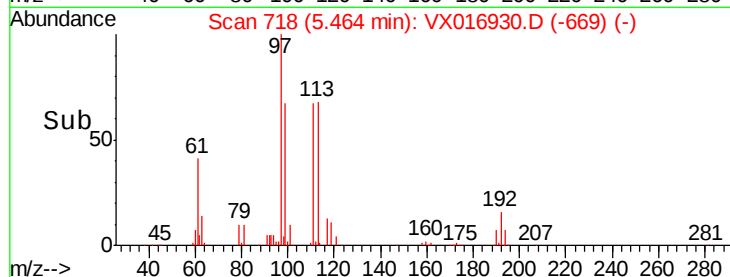
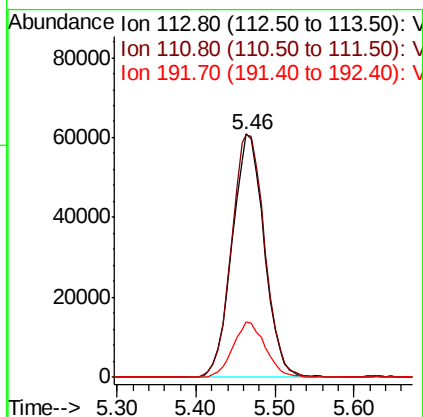
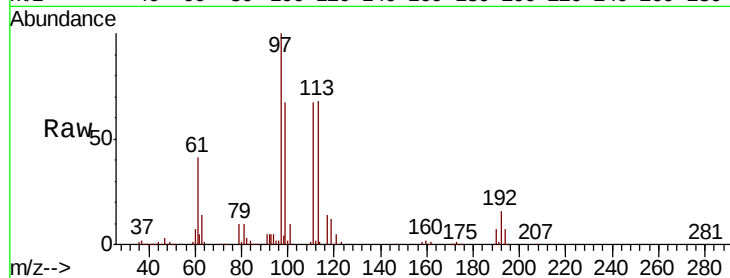




#35
 Dibromofluoromethane
 Concen: 47.472 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

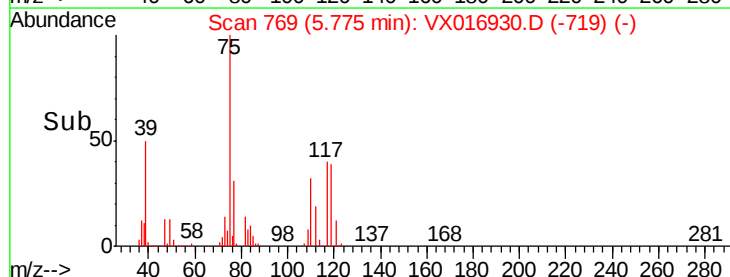
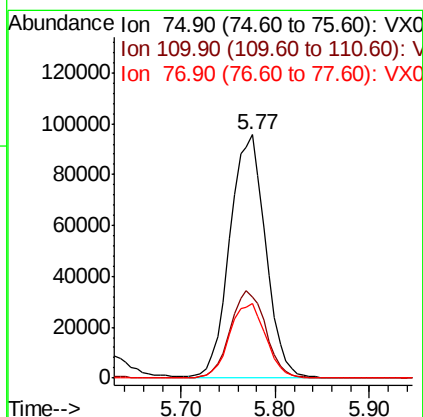
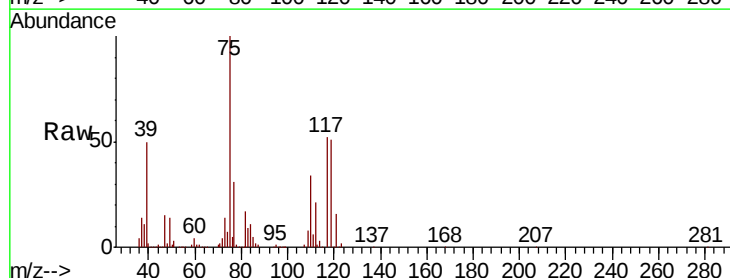
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

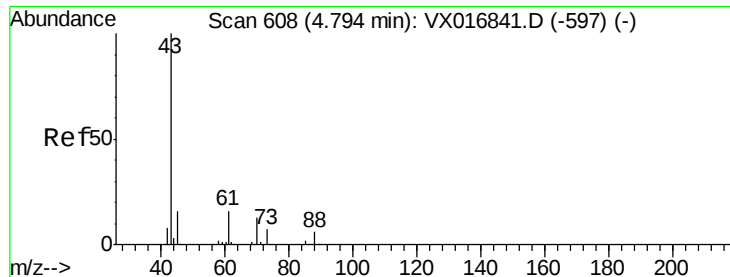
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.4
192	22.9	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 48.312 ug/l
 RT: 5.77 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.9	56.9
77	31.3	25.6	38.4





#37

Ethyl Acetate

Concen: 61.745 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

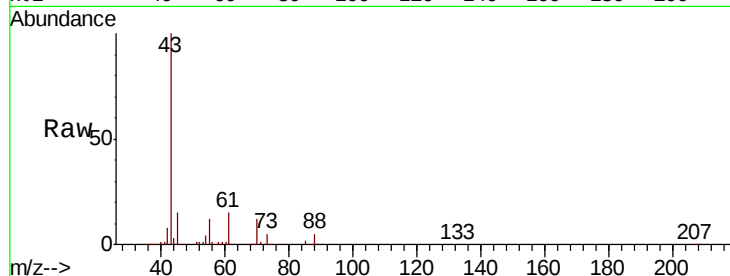
Tot Ion: 43 Resp: 285454

Ion Ratio Lower Upper

43 100

61 14.5 12.2 18.2

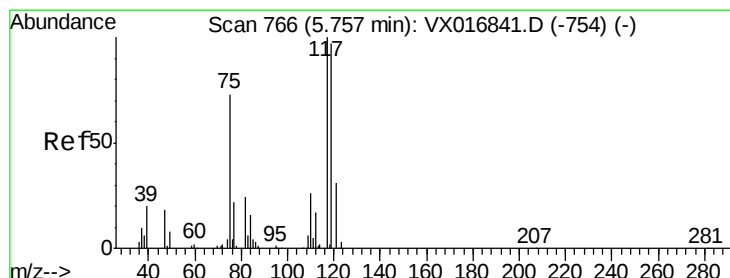
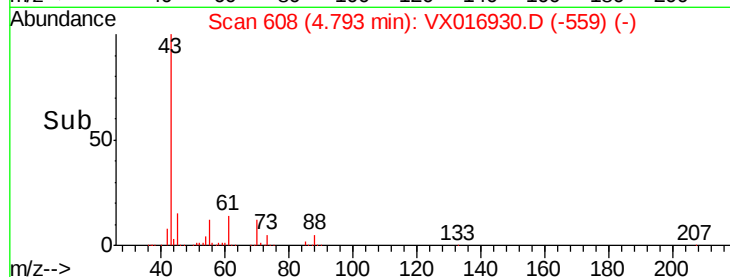
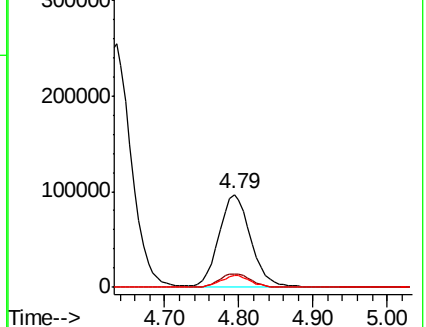
70 12.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 42.718 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

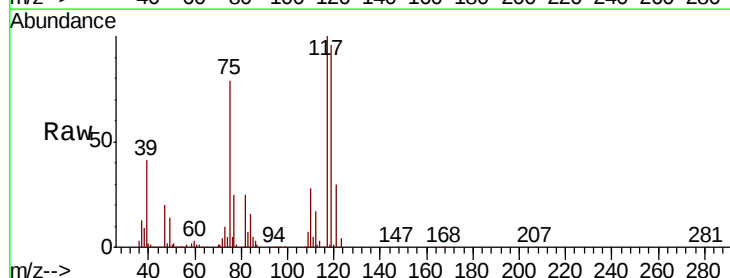
Tgt Ion: 117 Resp: 250796

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.2

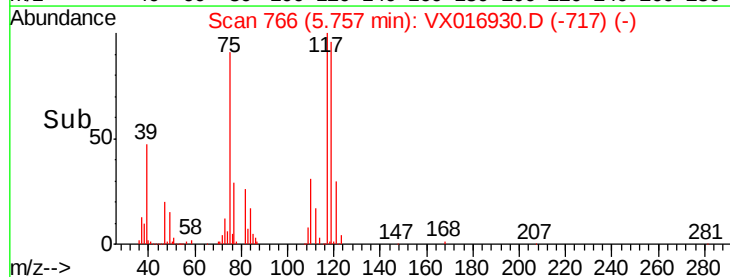
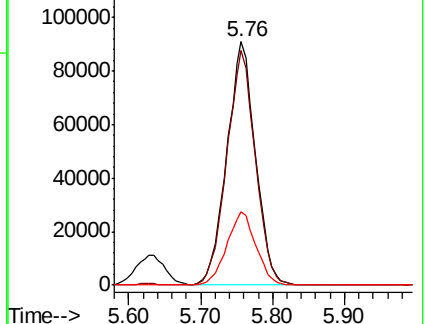
121 30.3 24.7 37.1

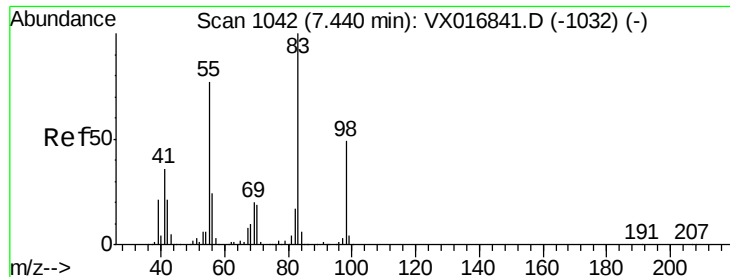


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

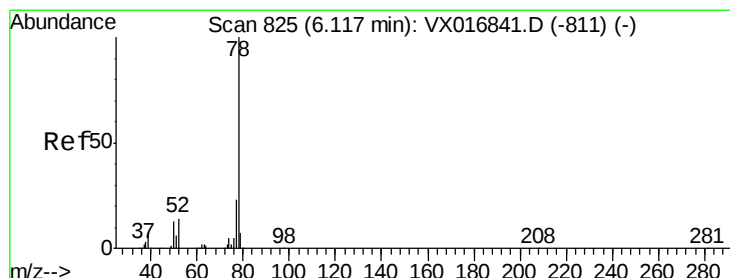
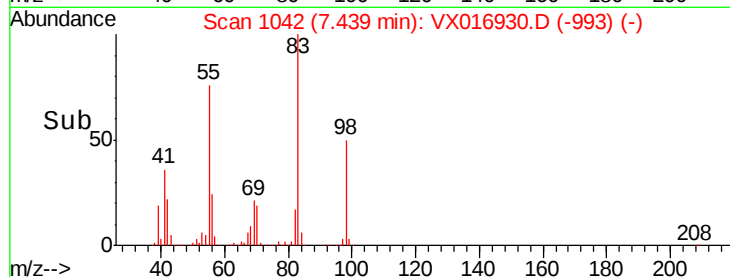
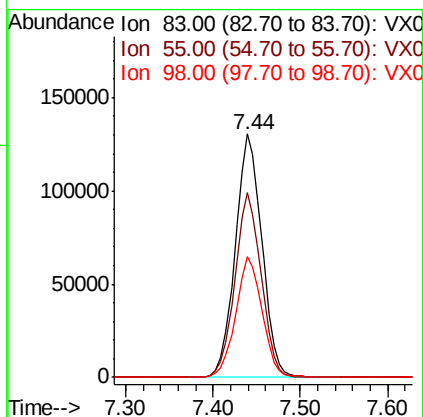
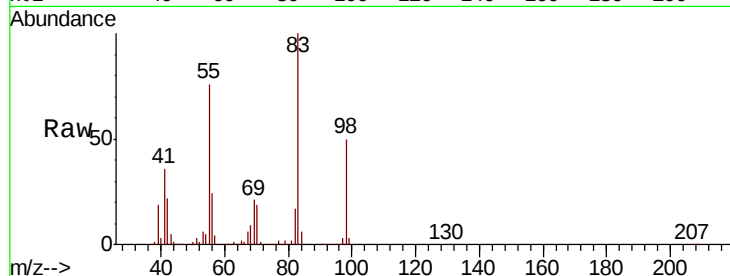




#39
Methvlcvclohexane
Concen: 45.404 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

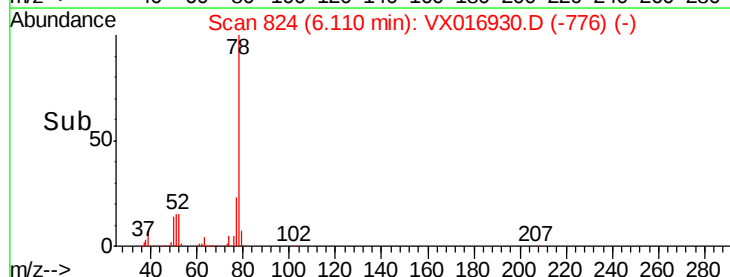
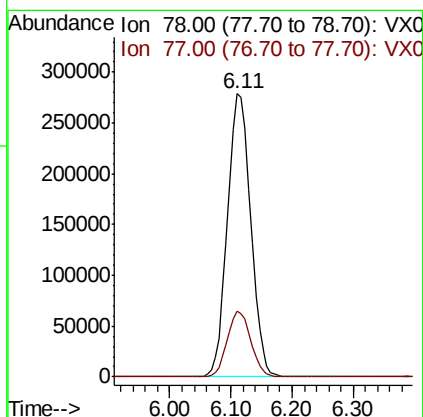
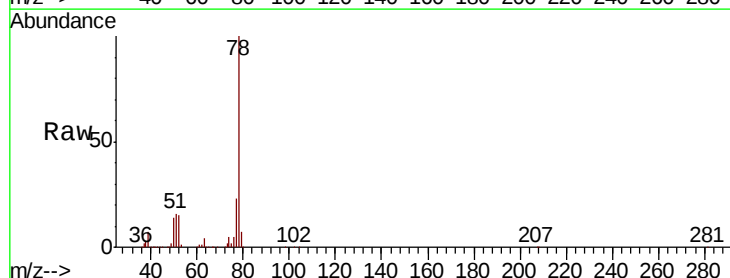
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

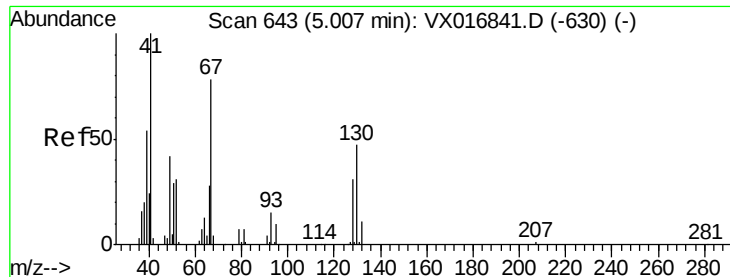
Tot Ion: 83 Resp: 276235
Ion Ratio Lower Upper
83 100
55 75.9 61.7 92.5
98 49.5 39.0 58.6



#40
Benzene
Concen: 46.454 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 78 Resp: 729328
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8

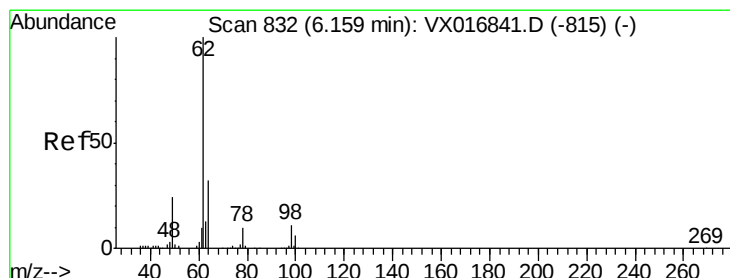
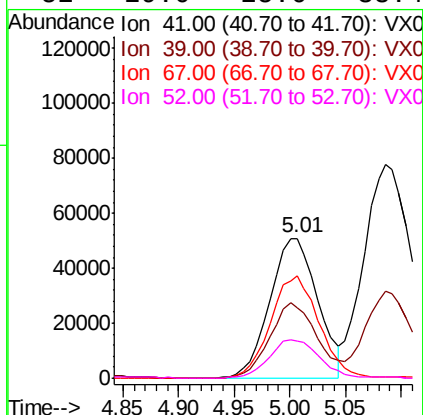
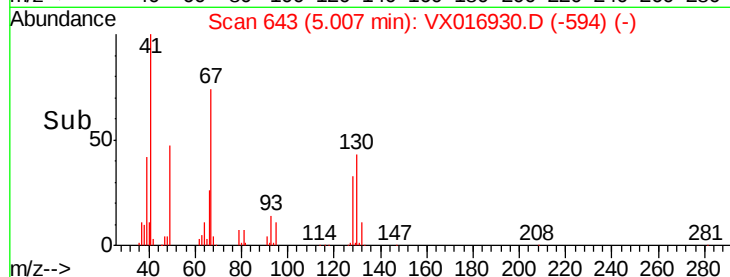
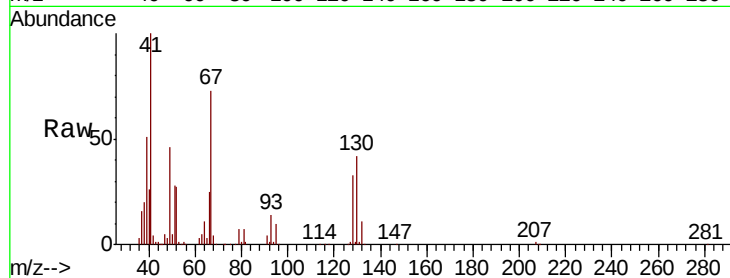




#41
Methacrylonitrile
Concen: 60.638 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

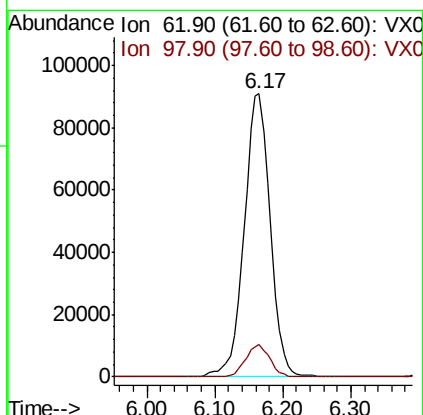
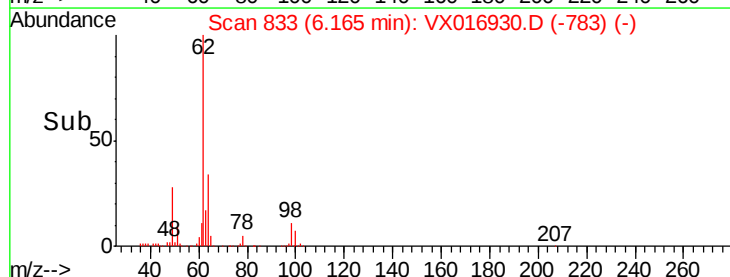
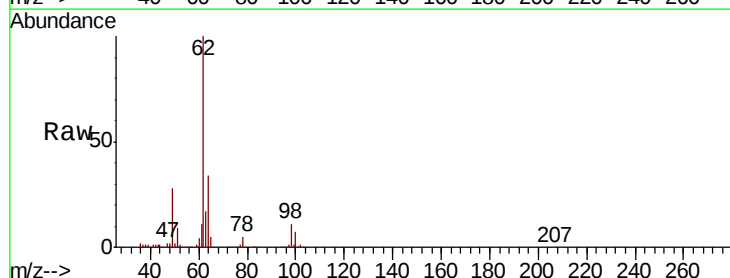
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

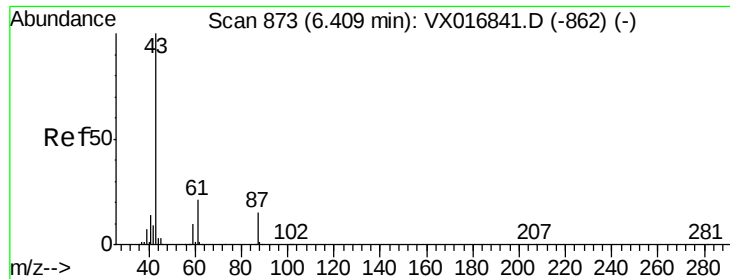
Tot Ion:	41	Resp:	152190
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.6	64.0
67	74.9	64.2	96.2
52	29.0	25.6	38.4



#42
1,2-Dichloroethane
Concen: 43.250 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:	62	Resp:	241630
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



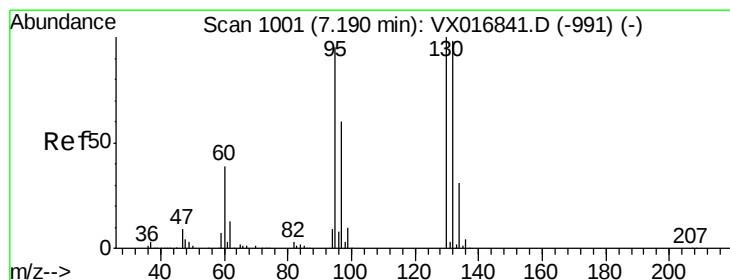
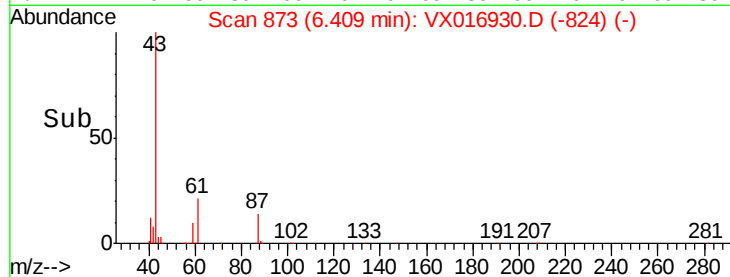
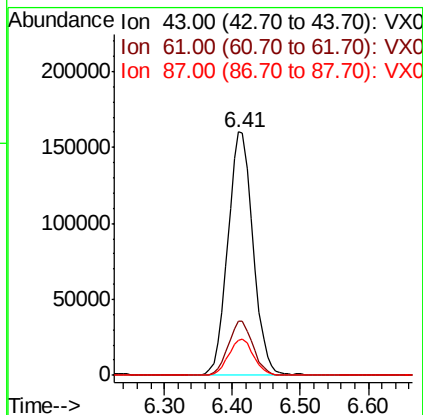
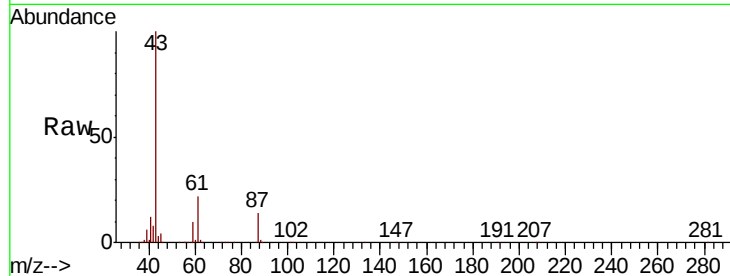


#43

Isopropyl Acetate
 Concen: 50.584 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

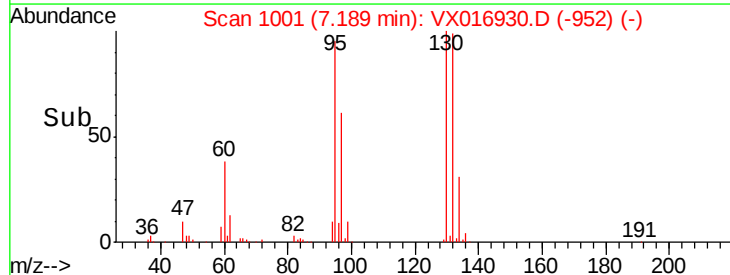
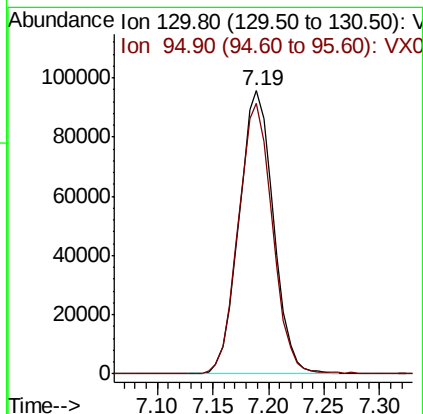
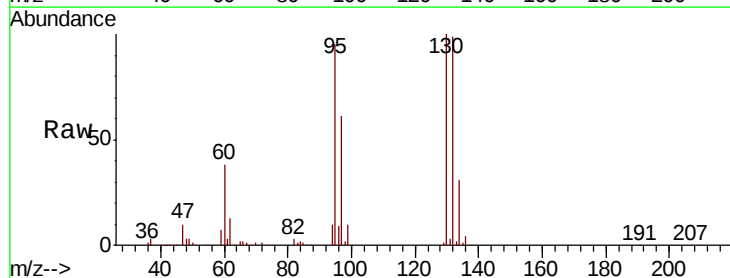
Tot Ion	43	Resp	408373
Ion Ratio	Lower	Upper	
43	100		
61	22.1	17.9	26.9
87	14.8	12.4	18.6

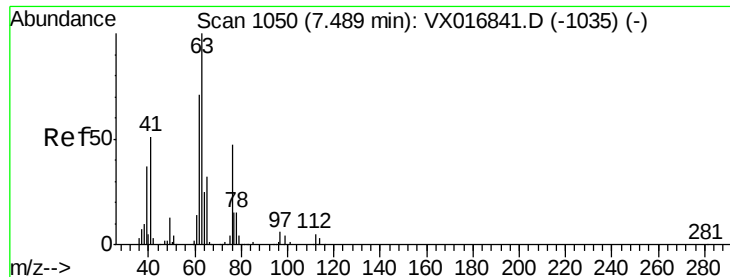


#44

Trichloroethene
 Concen: 42.537 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	130	Resp	204525
Ion Ratio	Lower	Upper	
130	100		
95	95.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 46.802 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

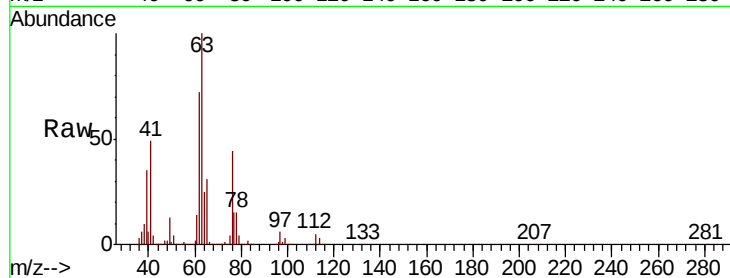
VSTDCCC050EC

Tot Ion: 63 Resp: 184720

Ion Ratio Lower Upper

63 100

65 31.2 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

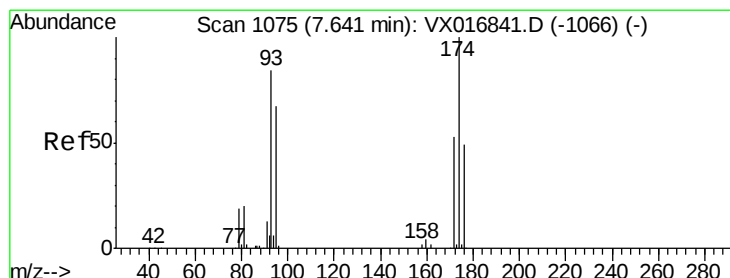
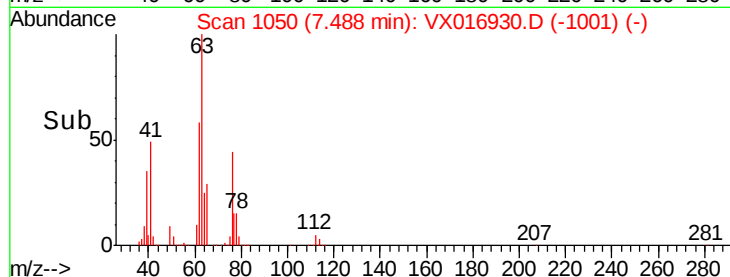
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 45.927 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

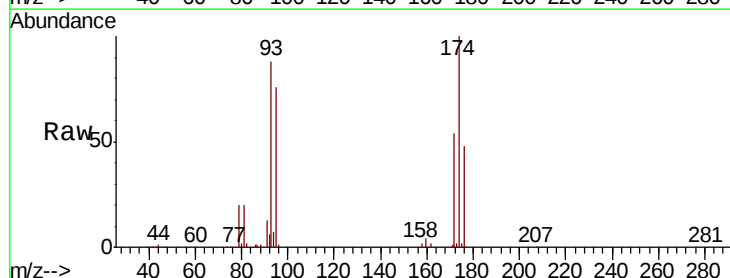
Tgt Ion: 93 Resp: 122926

Ion Ratio Lower Upper

93 100

95 84.9 65.7 98.5

174 113.2 92.8 139.2



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

7.64

80000

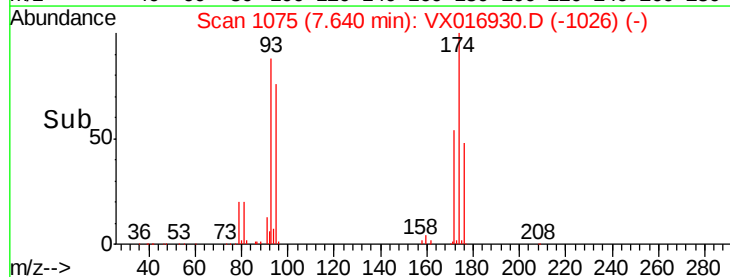
60000

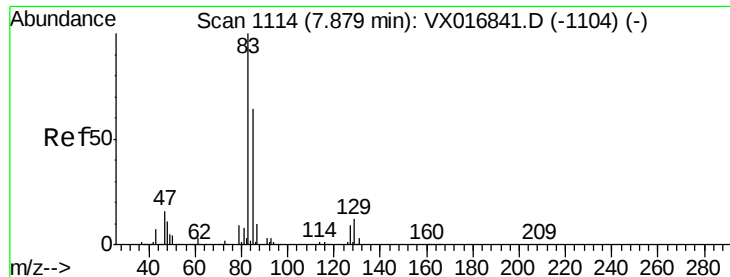
40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 49.342 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

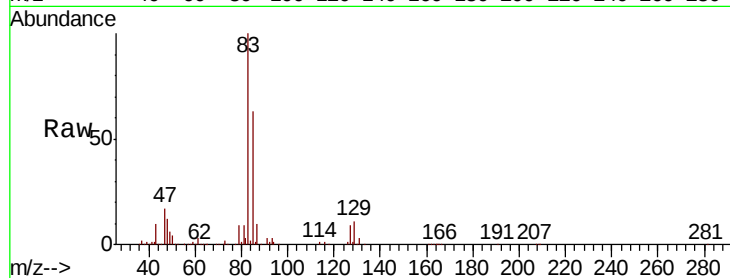
Tot Ion: 83 Resp: 280880

Ion Ratio Lower Upper

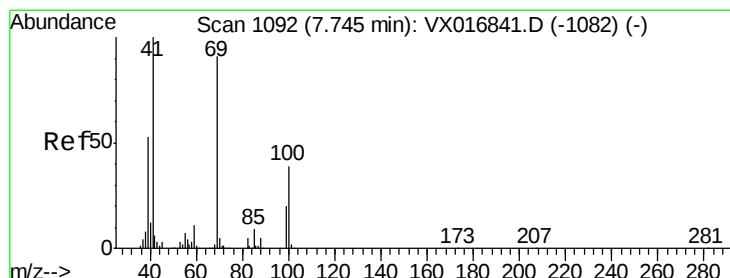
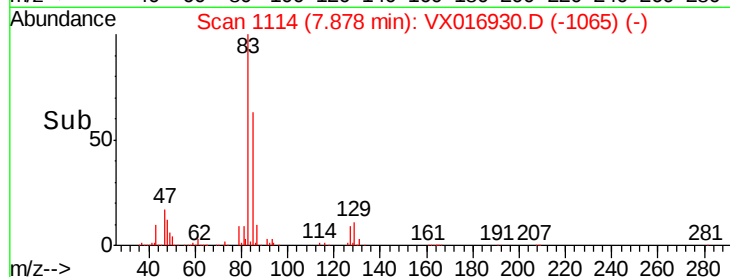
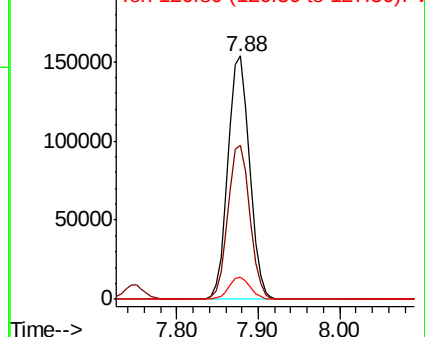
83 100

85 63.3 50.9 76.3

127 9.2 7.4 11.0



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: 56.554 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

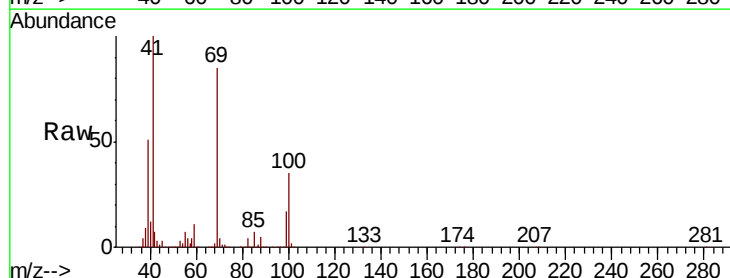
Tgt Ion: 41 Resp: 214998

Ion Ratio Lower Upper

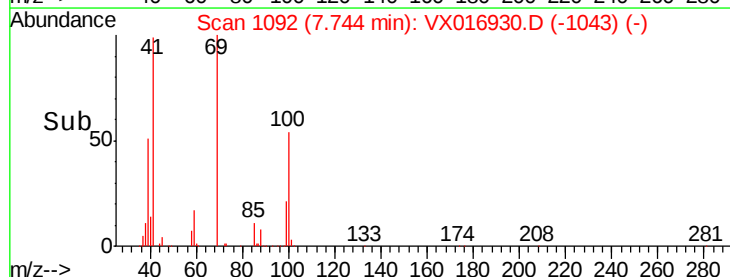
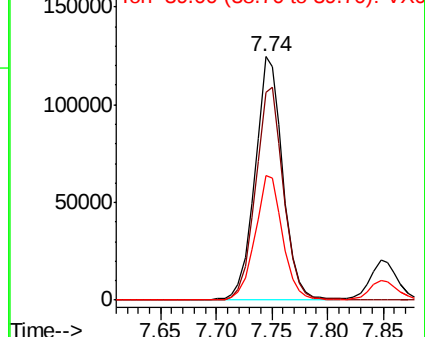
41 100

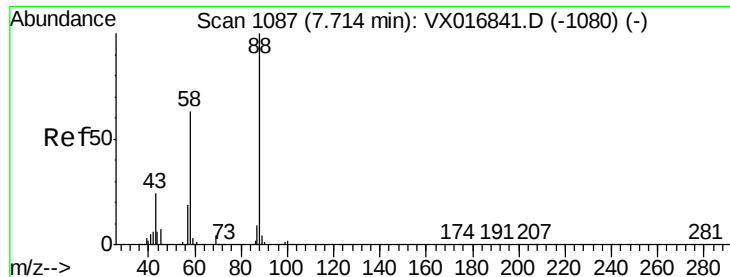
69 88.8 73.3 109.9

39 51.0 42.4 63.6



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

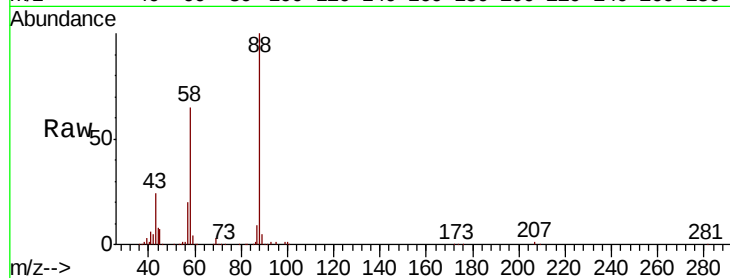




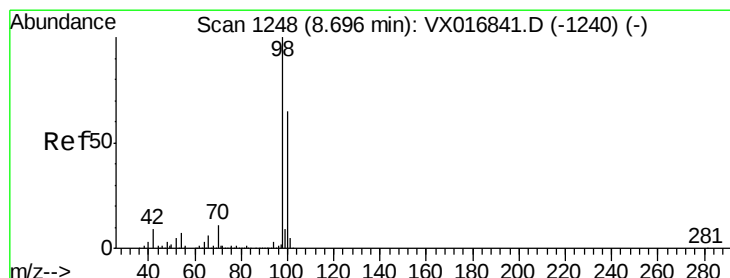
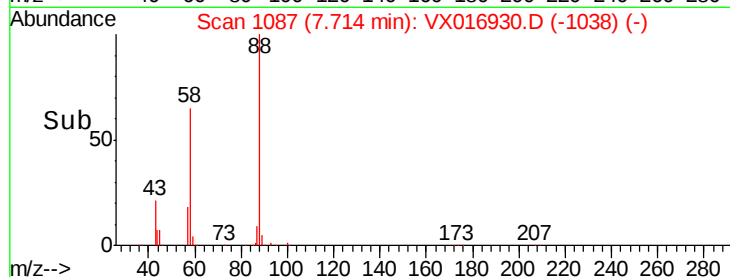
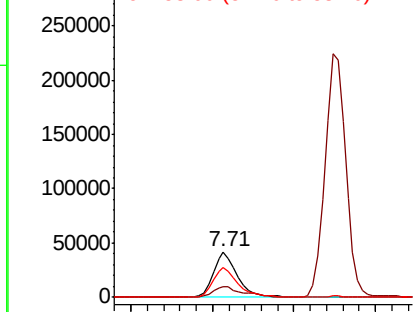
#49
1,4-Dioxane
Concen: 1012.925 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 86199
Ion Ratio Lower Upper
88 100
43 30.0 22.7 34.1
58 68.3 53.1 79.7

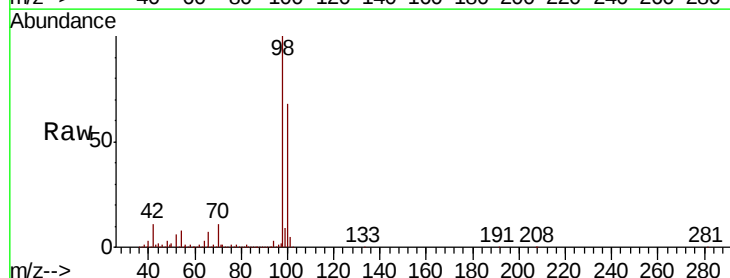


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

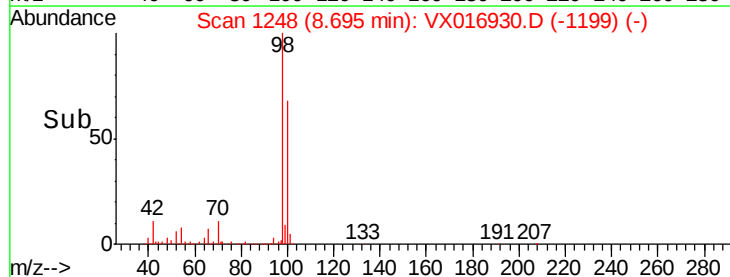
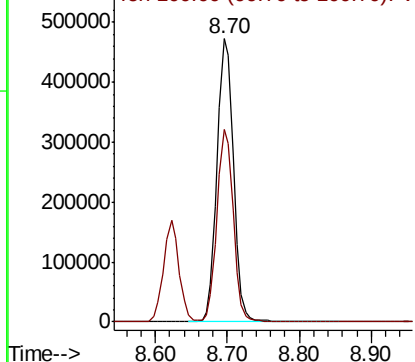


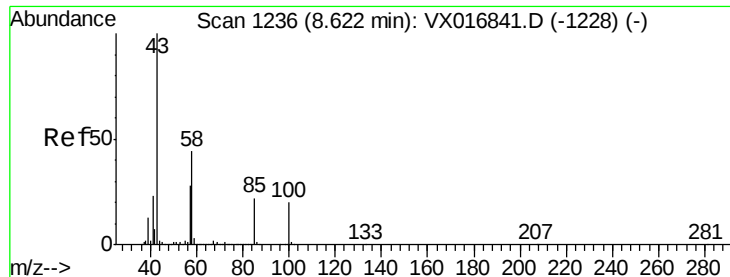
#50
Toluene-d8
Concen: 51.629 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 98 Resp: 748797
Ion Ratio Lower Upper
98 100
100 67.3 54.0 81.0



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

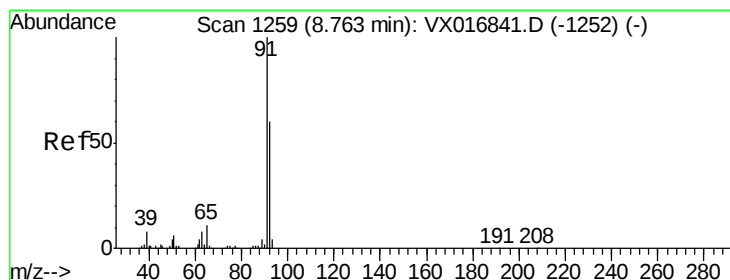
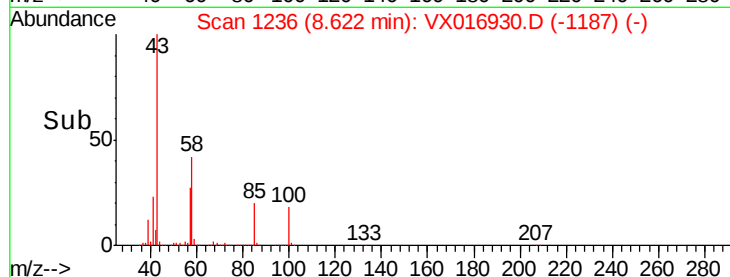
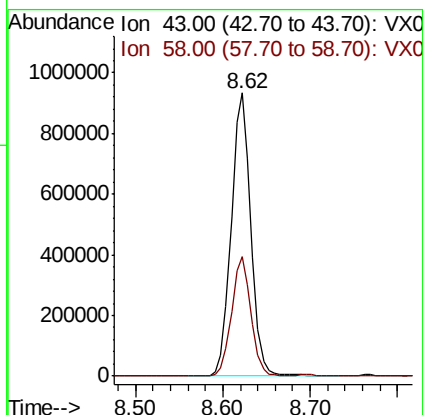
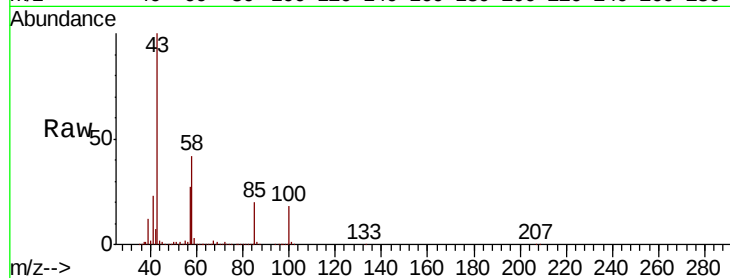




#51
4-Methyl-2-Pentanone
Concen: 300.308 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

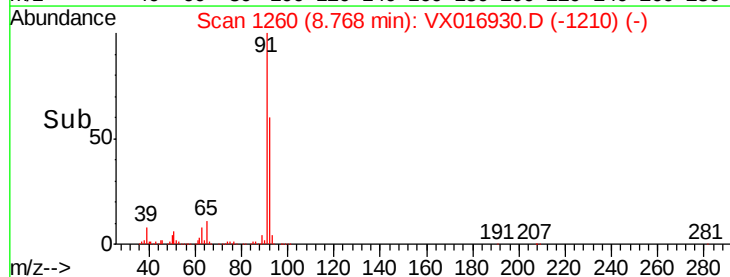
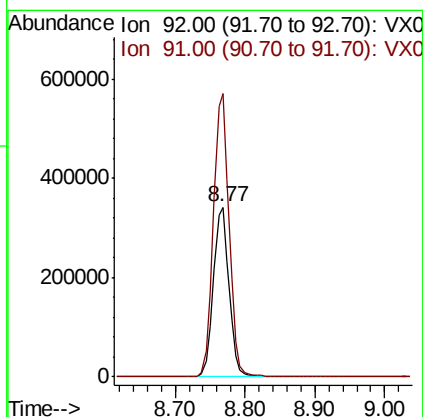
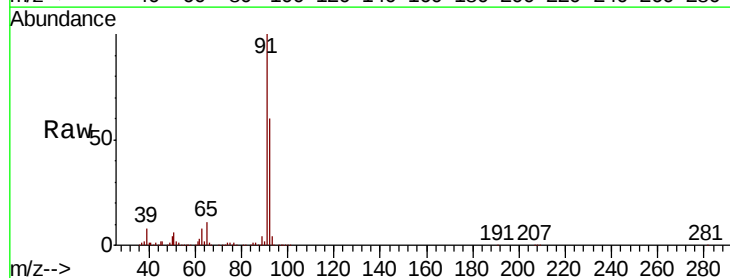
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

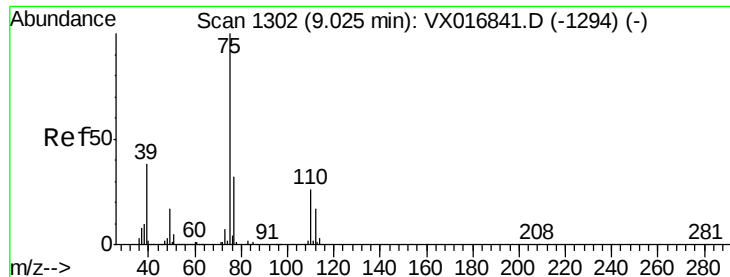
Tot Ion: 43 Resp: 1458212
Ion Ratio Lower Upper
43 100
58 41.5 34.3 51.5



#52
Toluene
Concen: 50.898 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 92 Resp: 530113
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.593 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

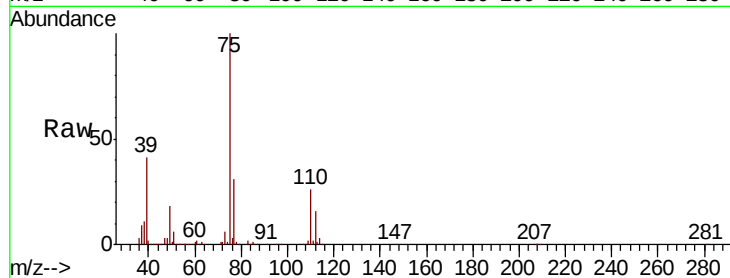
VSTDCCC050EC

Tot Ion: 75 Resp: 341653

Ion Ratio Lower Upper

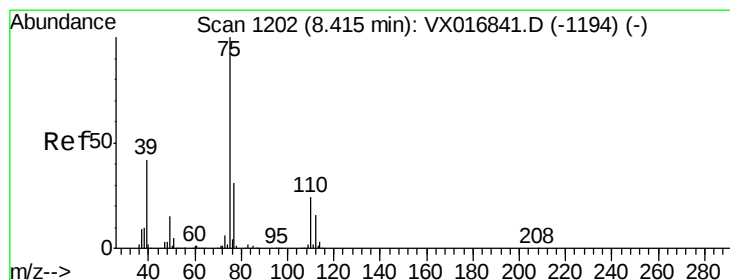
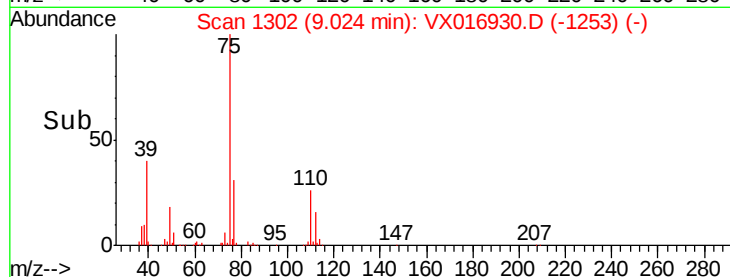
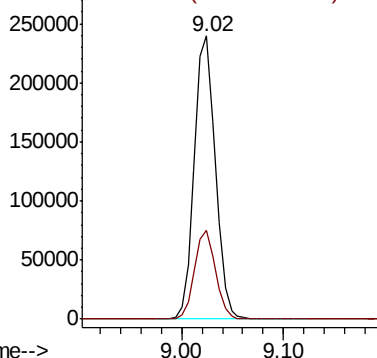
75 100

77 31.3 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.249 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

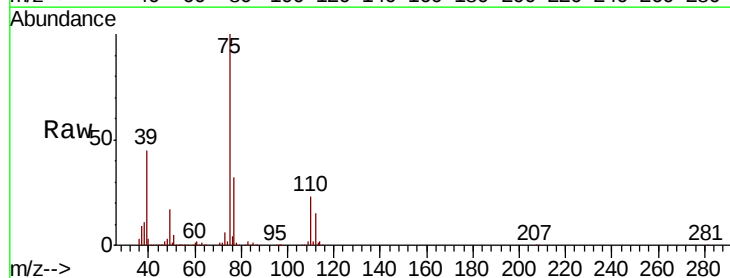
Tgt Ion: 75 Resp: 343111

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

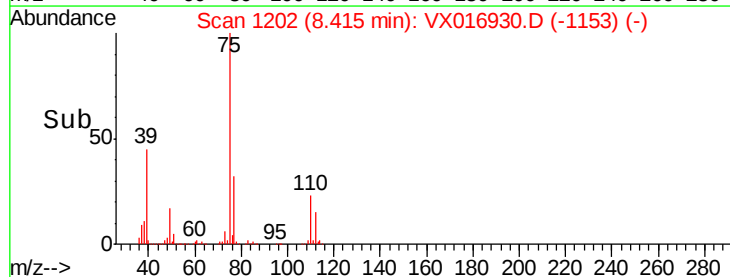
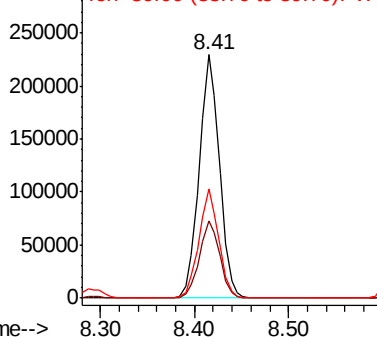
39 45.0 33.4 50.0

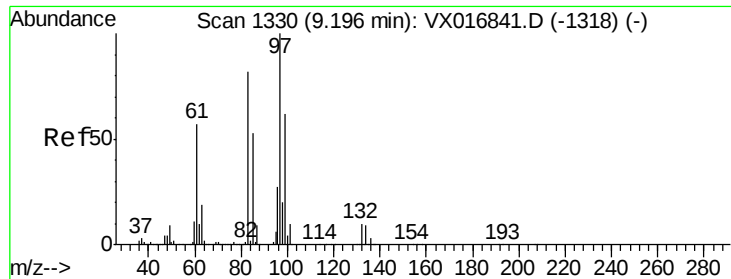


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

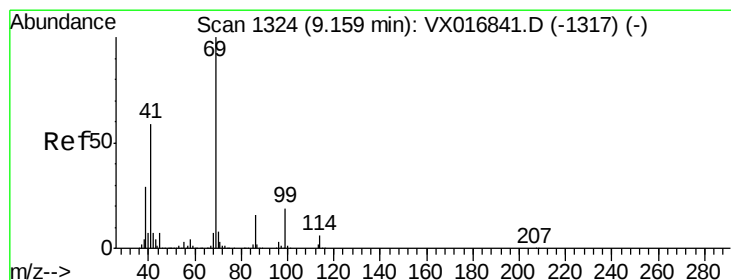
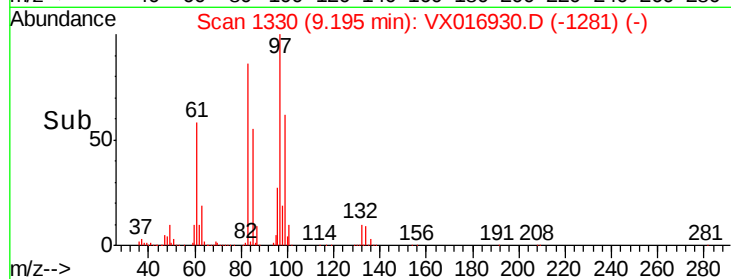
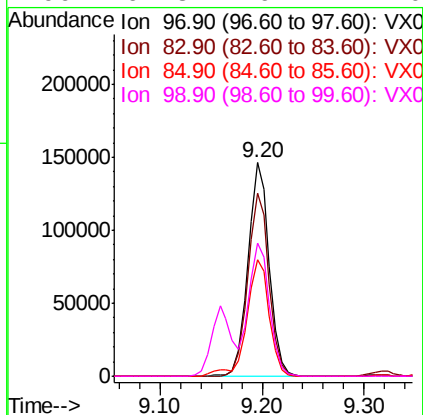
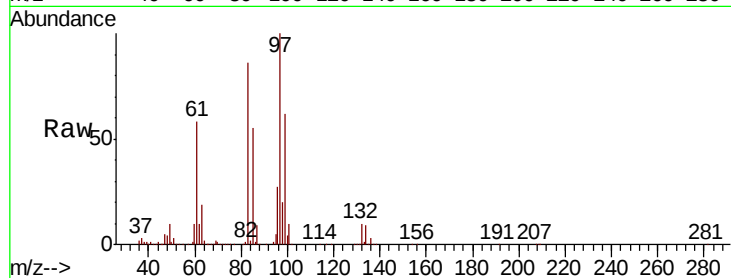




#55
 1,1,2-Trichloroethane
 Concen: 53.860 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

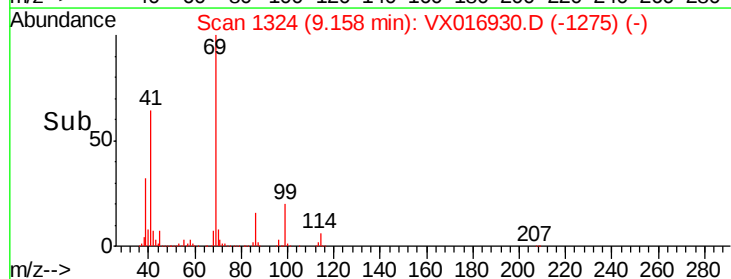
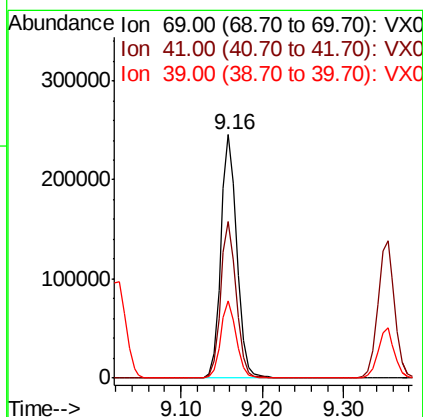
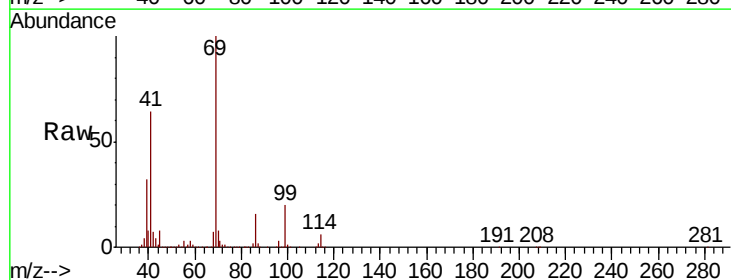
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

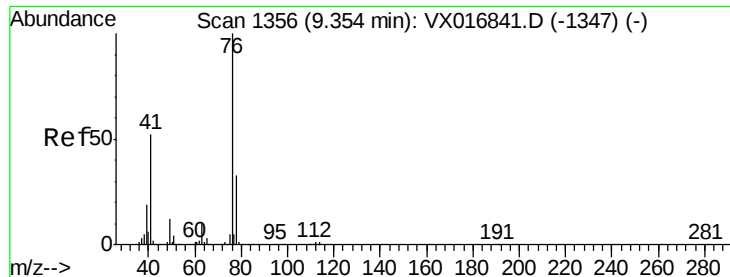
Tot Ion:	97	Resp:	211797
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.5	98.3
85	54.5	42.6	63.8
99	62.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 58.860 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion:	69	Resp:	335079
Ion	Ratio	Lower	Upper
69	100		
41	63.1	47.9	71.9
39	31.0	24.2	36.4





#57

1,3-Dichloropropane

Concen: 54.175 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

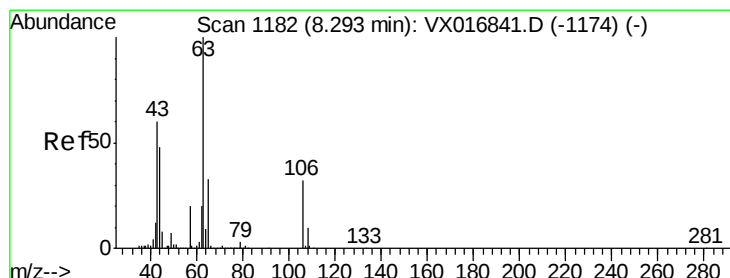
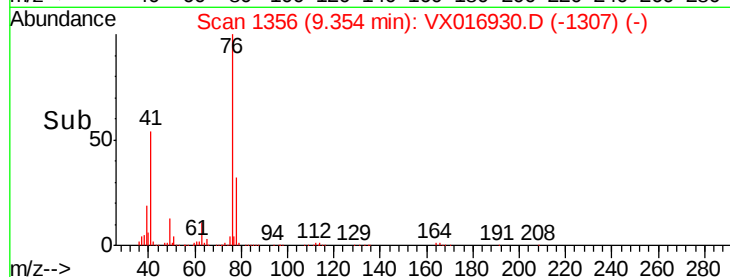
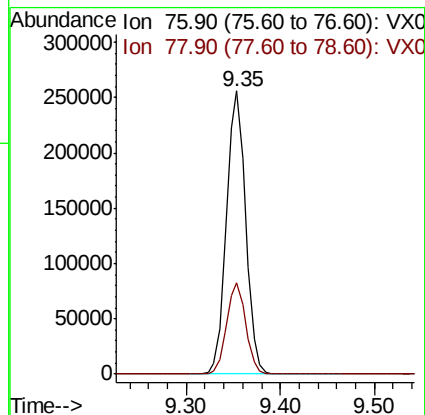
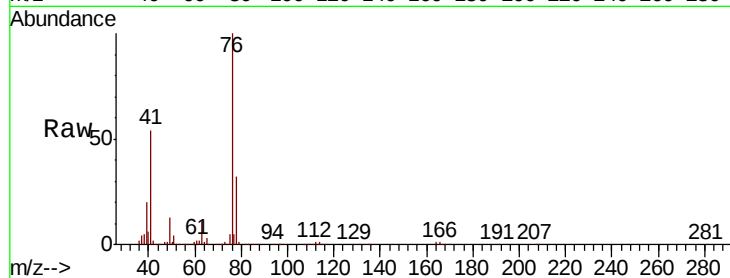
VSTDCCC050EC

Tot Ion: 76 Resp: 361152

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 300.285 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016930.D

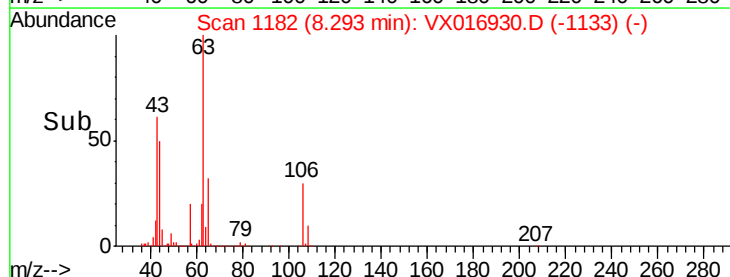
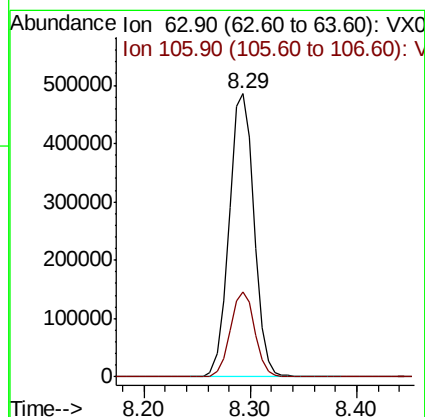
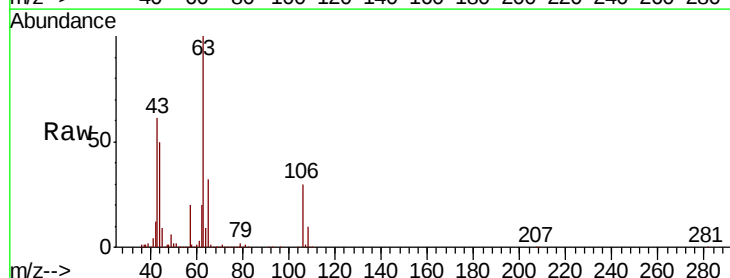
Acq: 22 Jun 2020 19:15

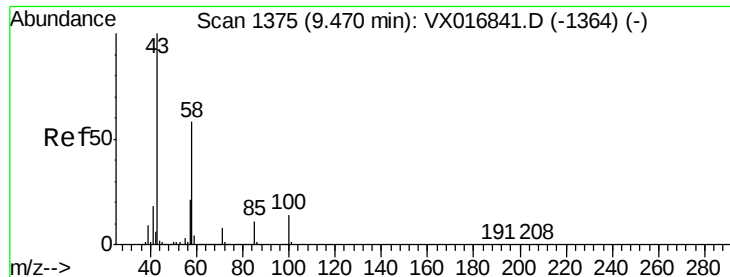
Tgt Ion: 63 Resp: 795416

Ion Ratio Lower Upper

63 100

106 29.7 25.8 38.6

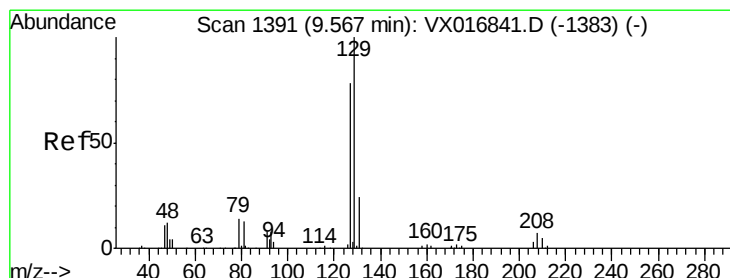
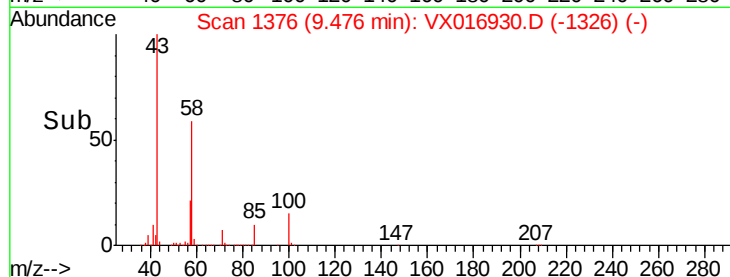
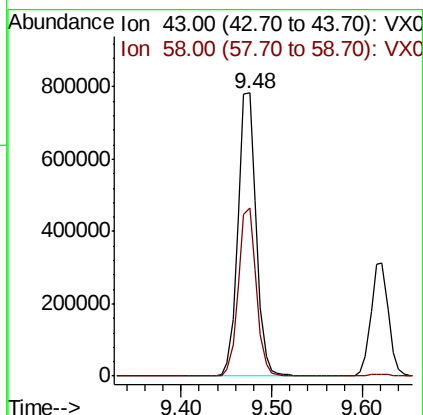
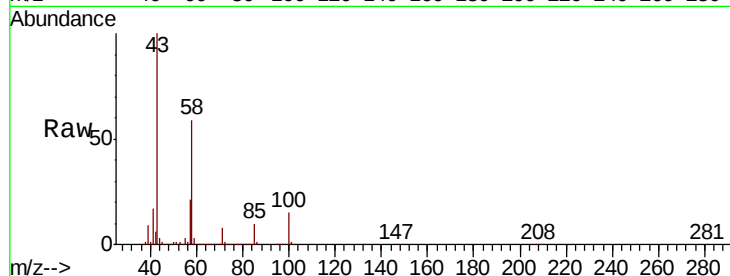




#59
2-Hexanone
Concen: 309.549 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

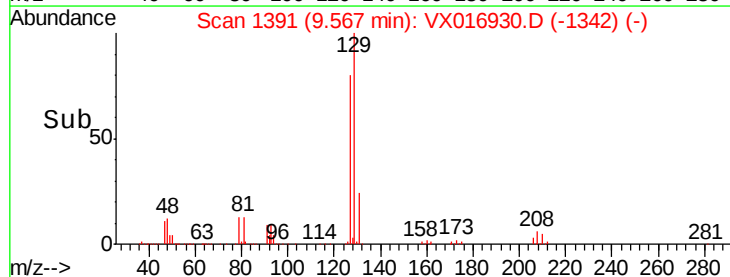
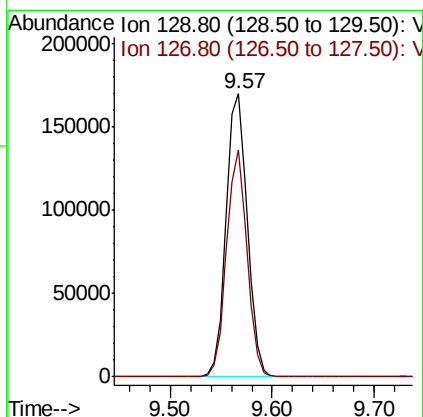
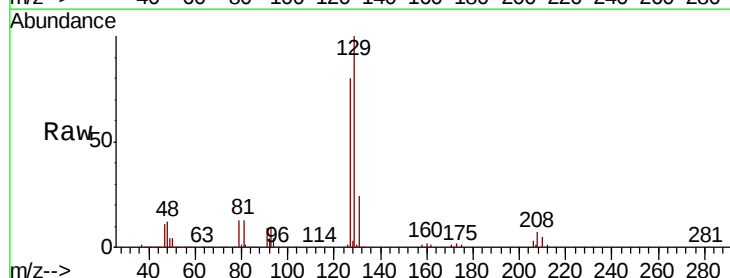
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1088486
Ion Ratio Lower Upper
43 100
58 58.5 29.8 89.4



#60
Dibromochloromethane
Concen: 51.686 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 129 Resp: 243825
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.993 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

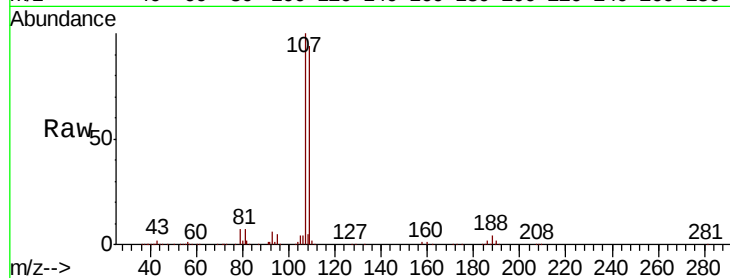
VSTDCCC050EC

Tot Ion:107 Resp: 226151

Ion Ratio Lower Upper

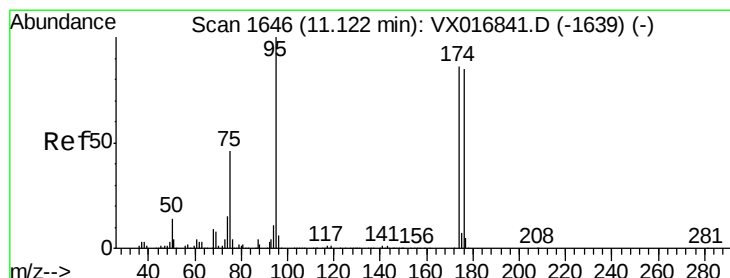
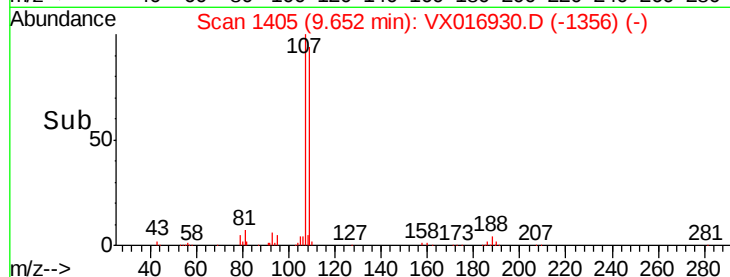
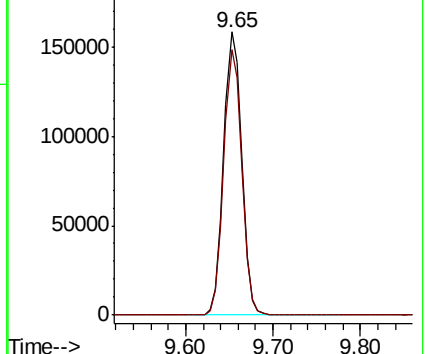
107 100

109 93.6 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.290 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

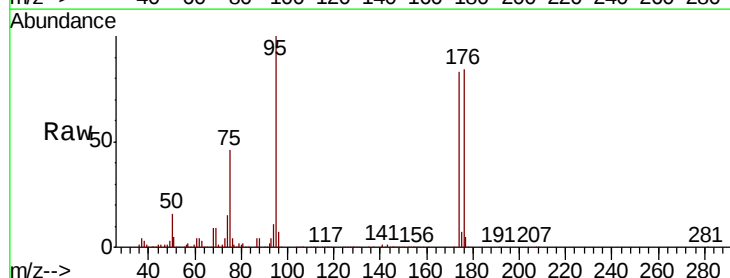
Tgt Ion: 95 Resp: 246115

Ion Ratio Lower Upper

95 100

174 83.0 0.0 174.2

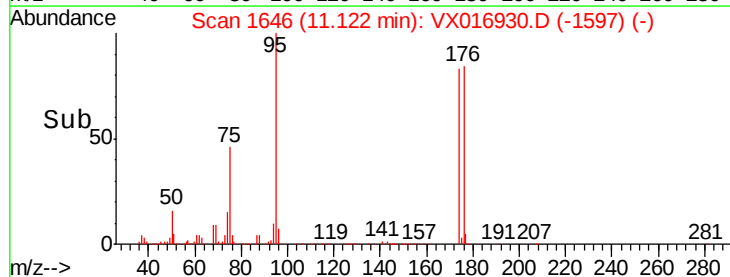
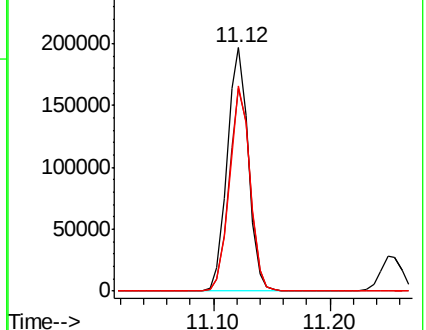
176 82.4 0.0 170.0

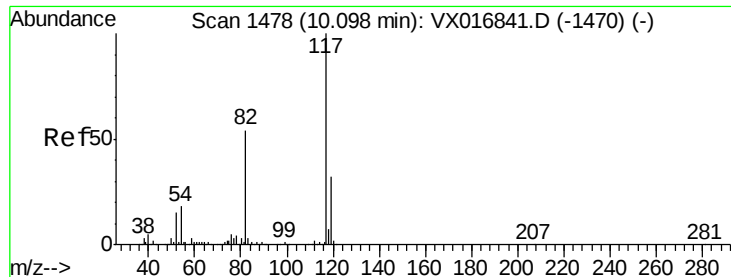


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

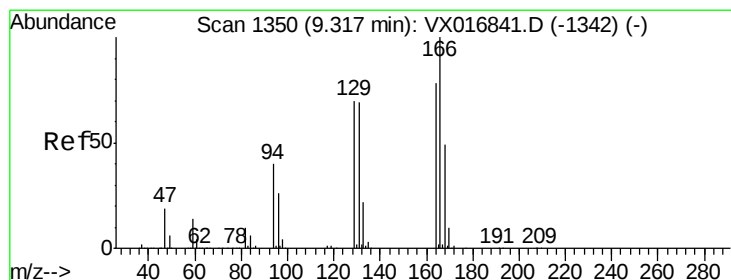
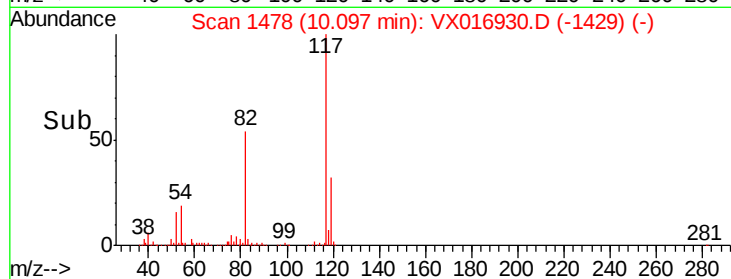
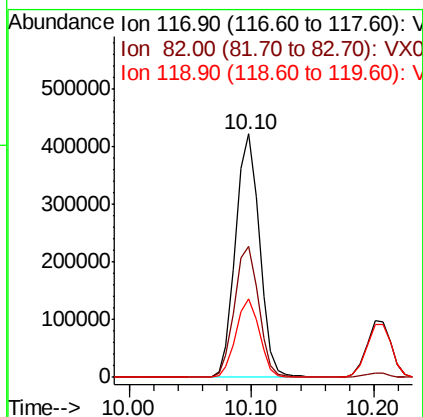
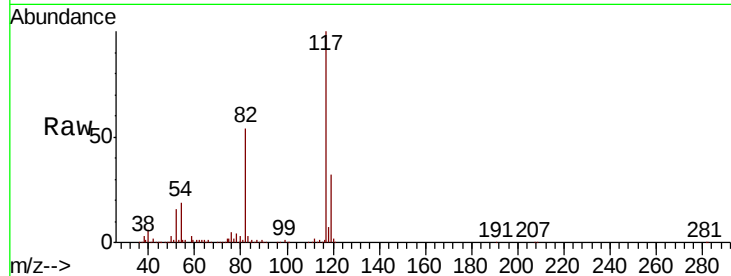




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

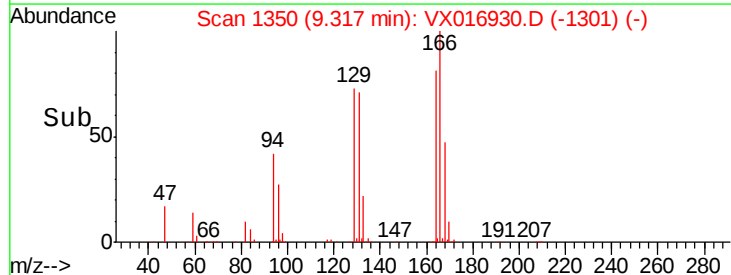
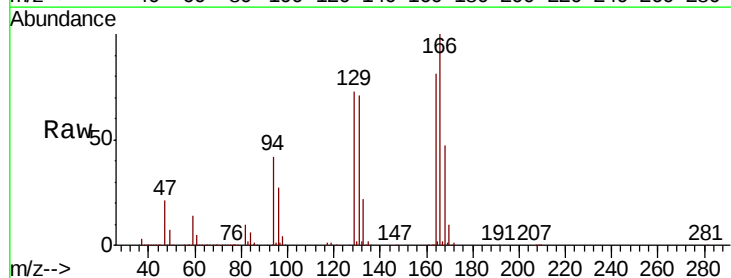
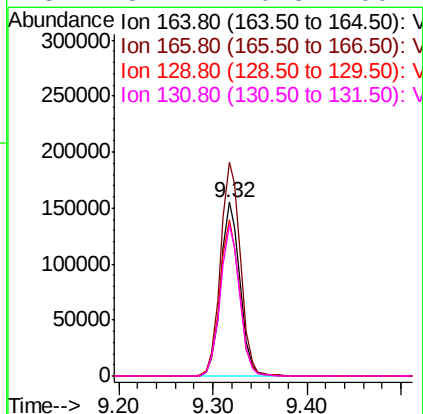
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

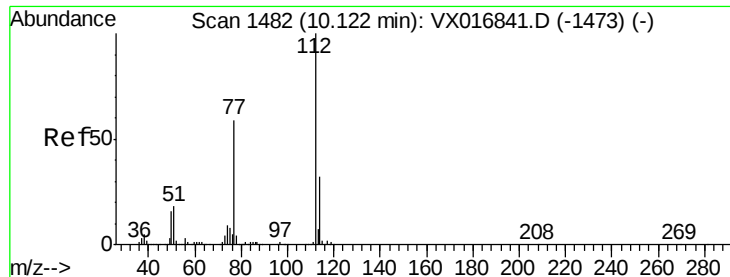
Tot Ion:117 Resp: 571249
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 41.436 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:164 Resp: 219187
Ion Ratio Lower Upper
164 100
166 123.0 102.6 153.8
129 89.7 72.2 108.2
131 87.2 70.8 106.2

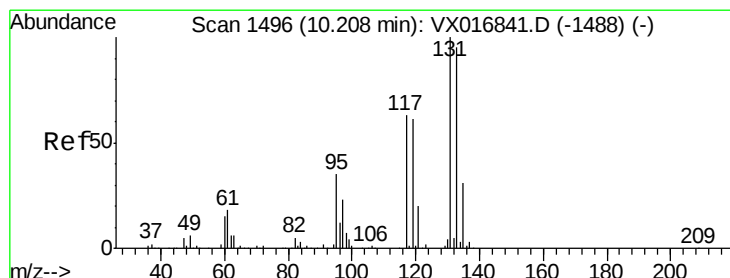
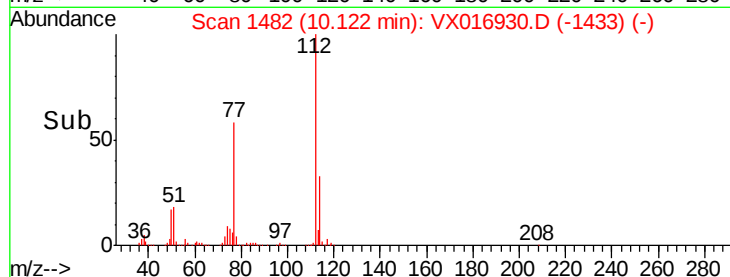
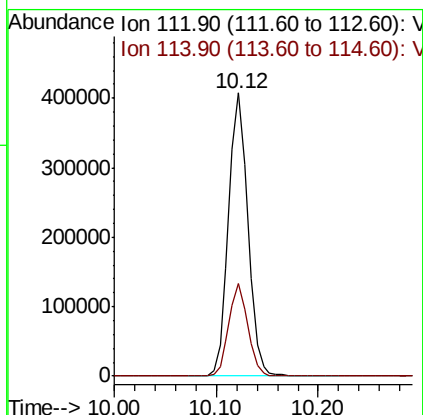
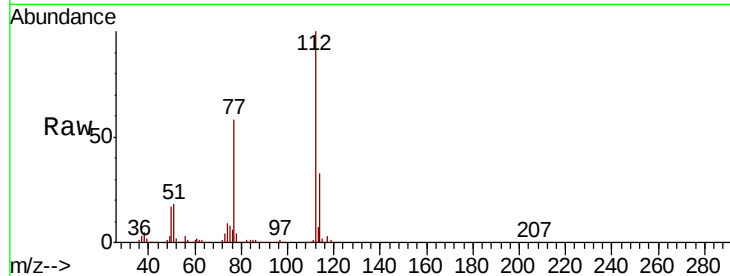




#65
Chlorobenzene
Concen: 46.236 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

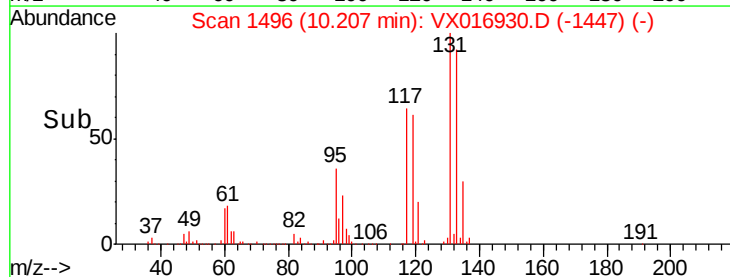
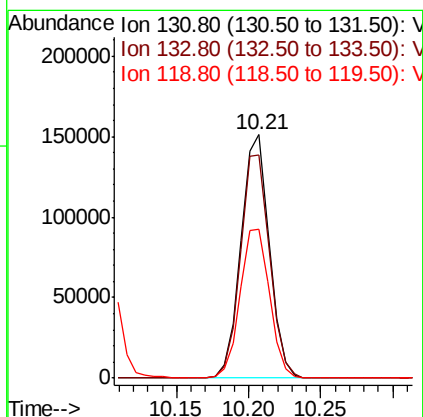
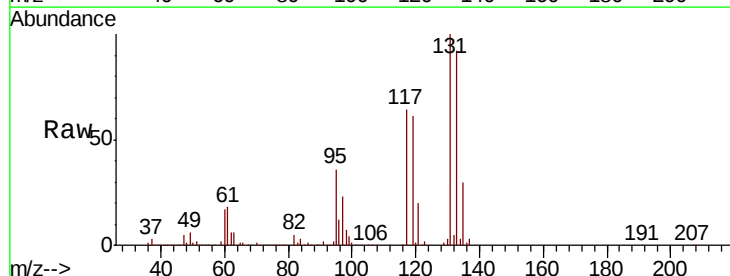
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

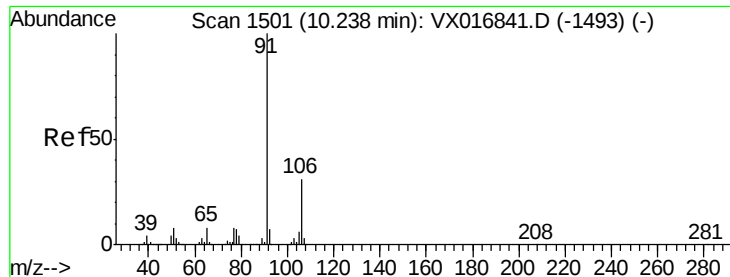
Tot Ion:112 Resp: 534842
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 45.894 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:131 Resp: 205752
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 64.2 30.8 92.4

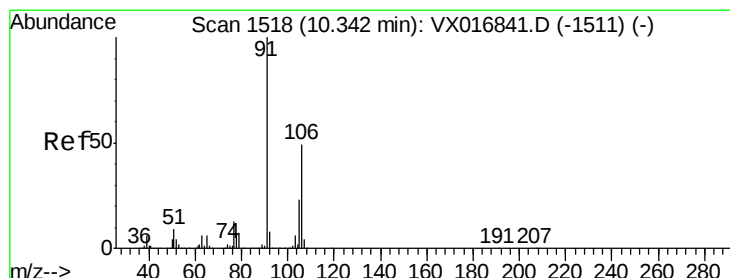
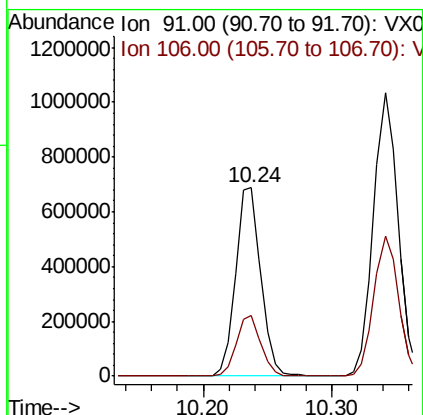
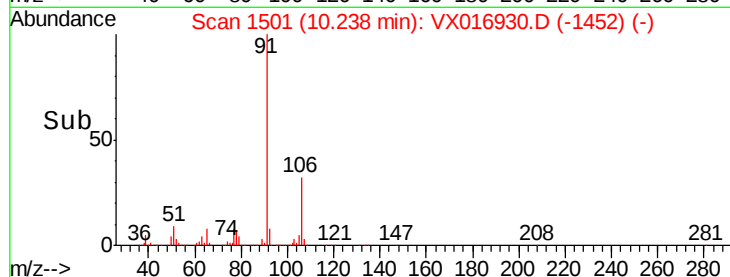
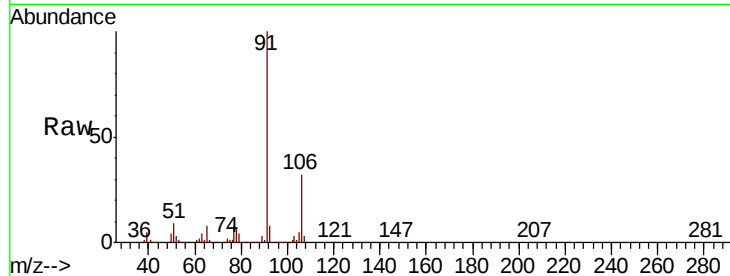




#67
Ethyl Benzene
Concen: 47.826 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

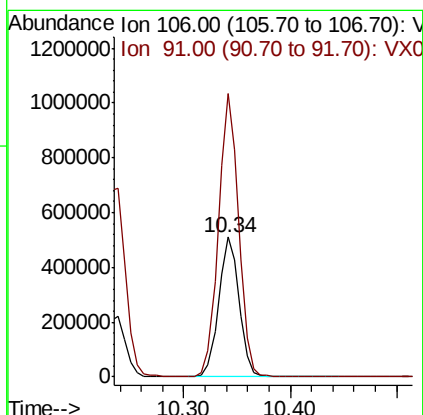
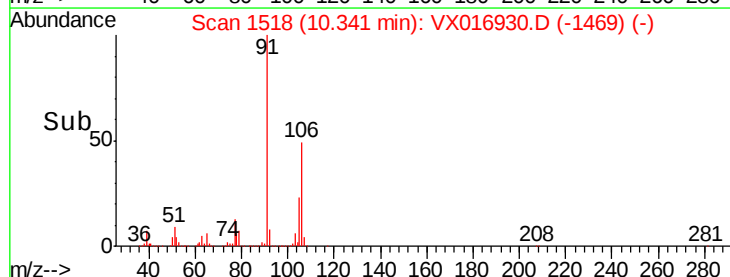
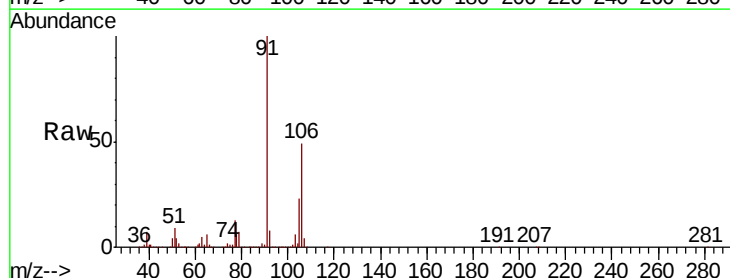
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

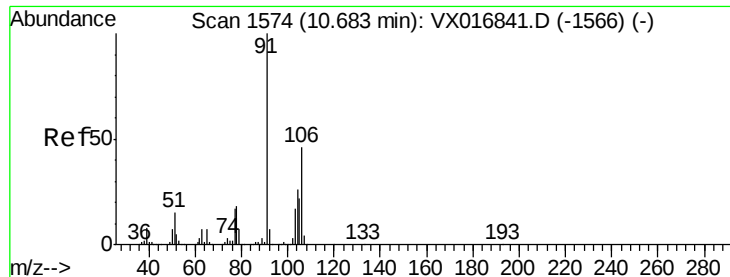
Tot Ion: 91 Resp: 933446
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 89.619 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 106 Resp: 680643
Ion Ratio Lower Upper
106 100
91 199.9 161.5 242.3

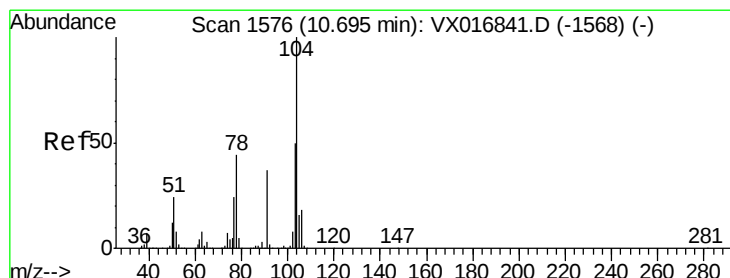
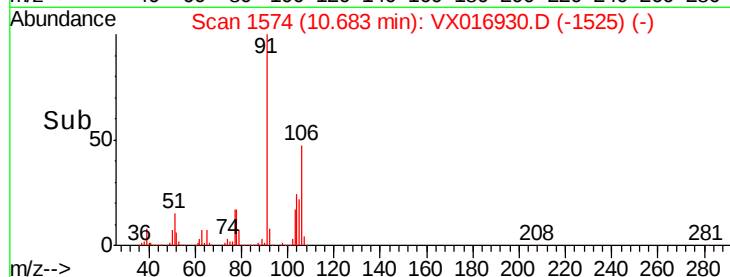
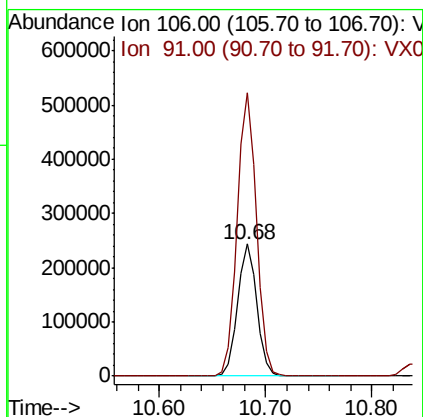
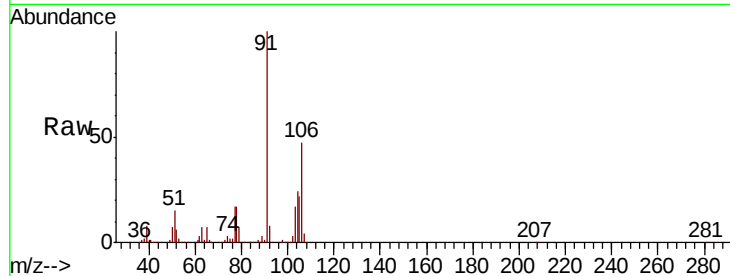




#69
o-Xylene
Concen: 44.118 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

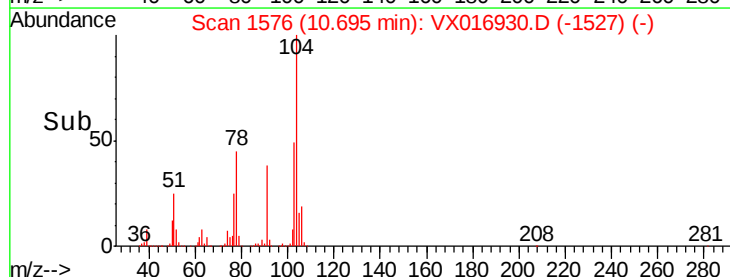
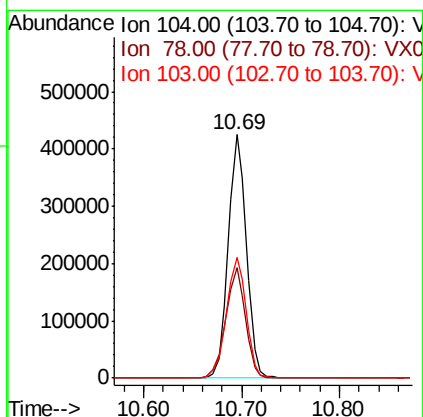
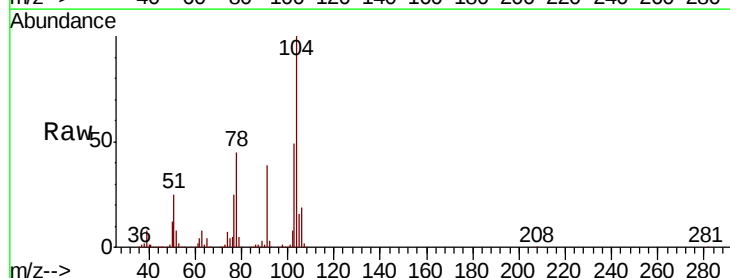
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

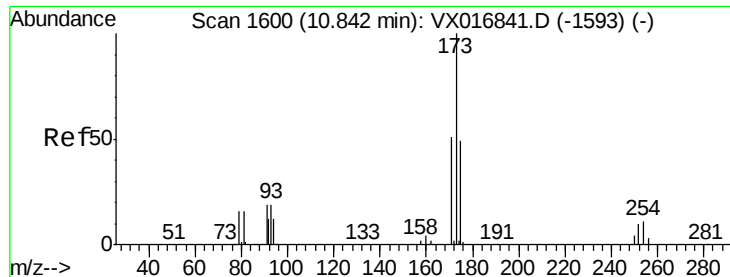
Tot Ion:106 Resp: 309823
Ion Ratio Lower Upper
106 100
91 215.0 107.9 323.7



#70
Styrene
Concen: 45.976 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:104 Resp: 548600
Ion Ratio Lower Upper
104 100
78 49.1 39.6 59.4
103 53.9 43.3 64.9

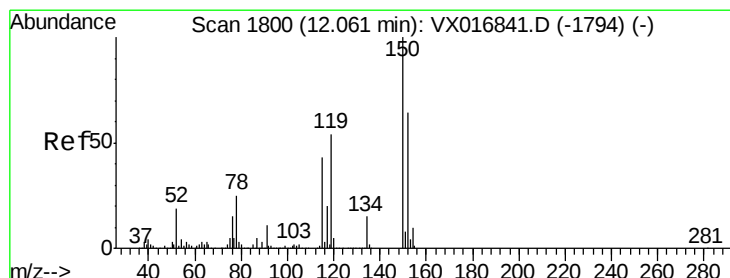
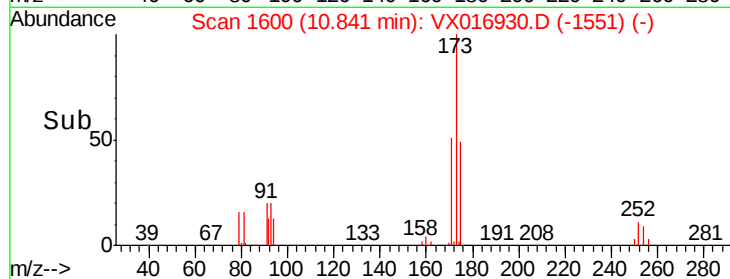
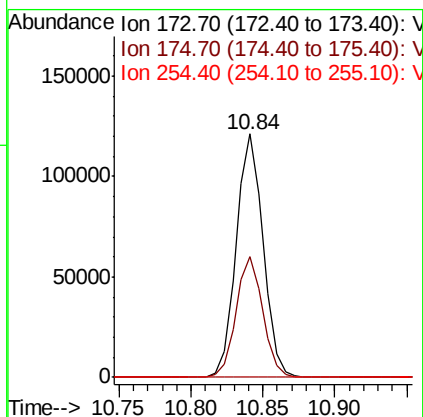
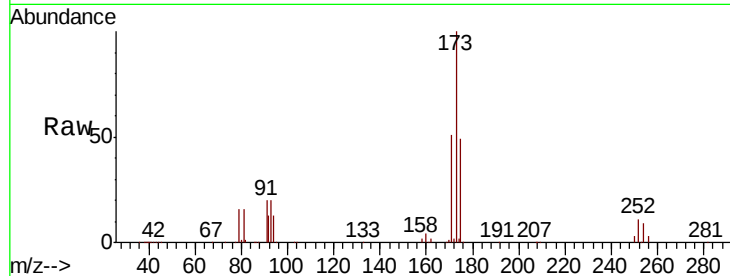




#71
Bromoform
Concen: 41.713 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

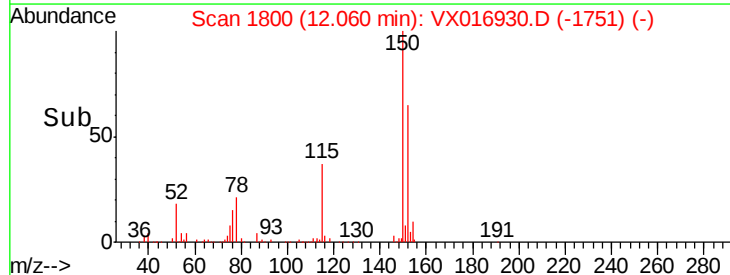
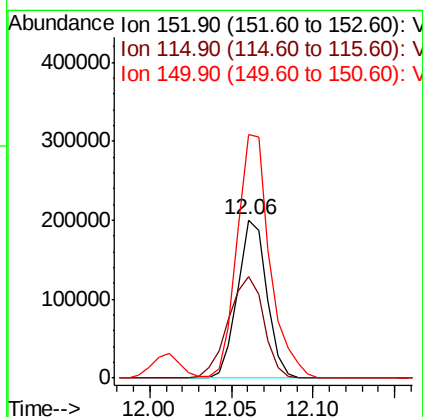
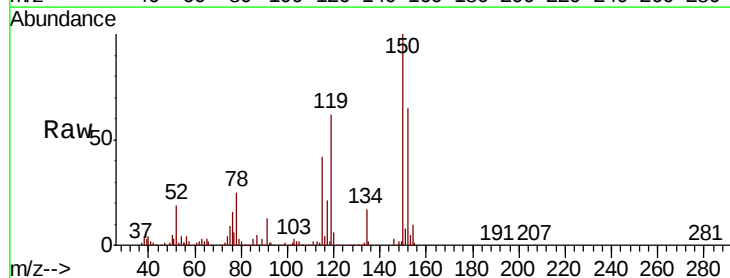
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

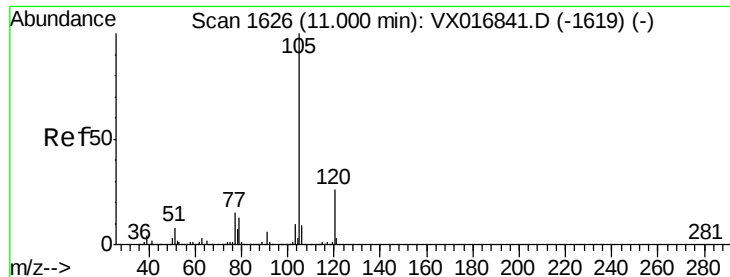
Tot Ion:173 Resp: 157226
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:152 Resp: 250642
Ion Ratio Lower Upper
152 100
115 77.6 40.9 122.8
150 171.8 0.0 344.2





#73

Isopropylbenzene

Concen: 51.579 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

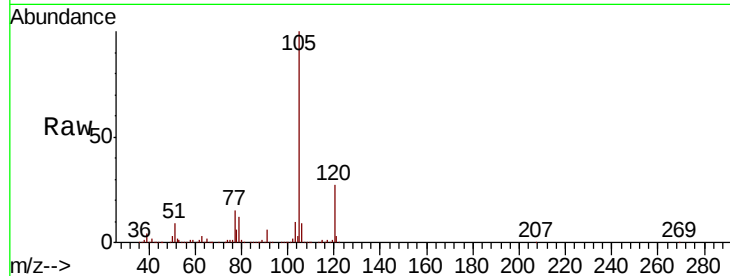
VSTDCCC050EC

Tot Ion:105 Resp: 832358

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

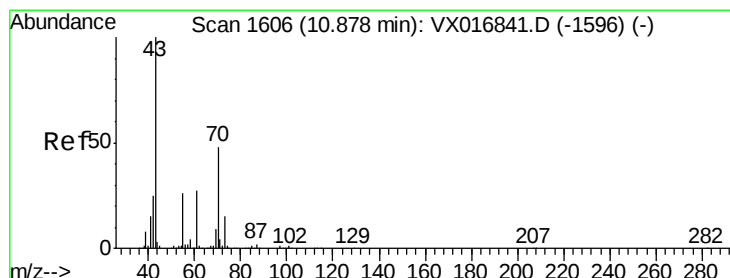
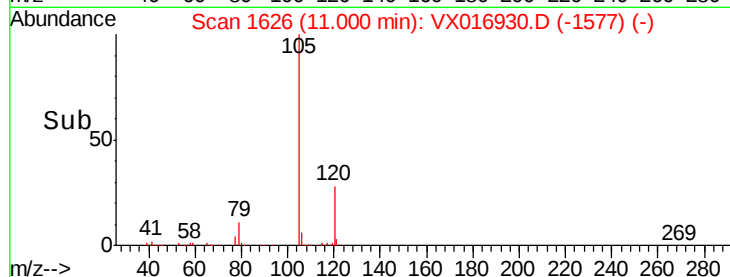
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 60.028 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion: 43 Resp: 338263

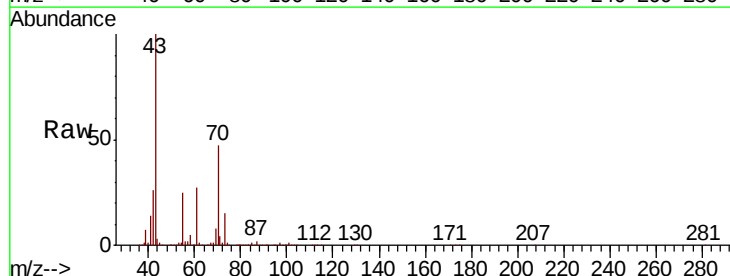
Ion Ratio Lower Upper

43 100

70 47.9 39.9 59.9

55 25.7 21.8 32.6

61 26.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

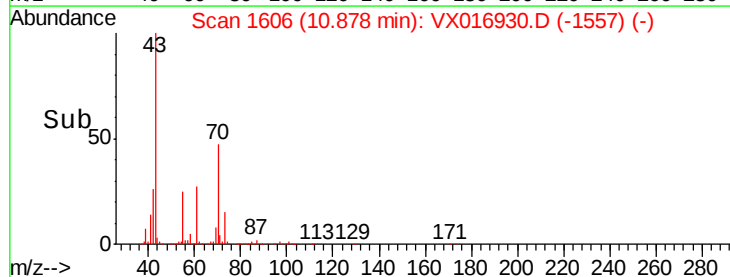
300000

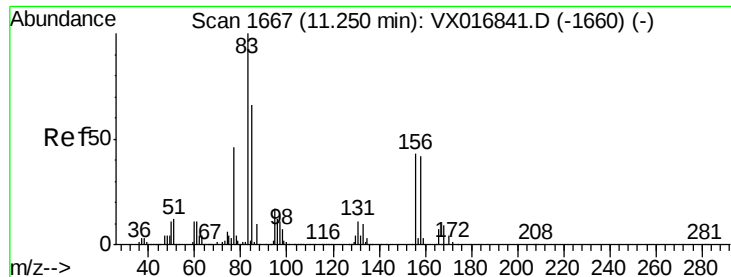
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 52.679 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

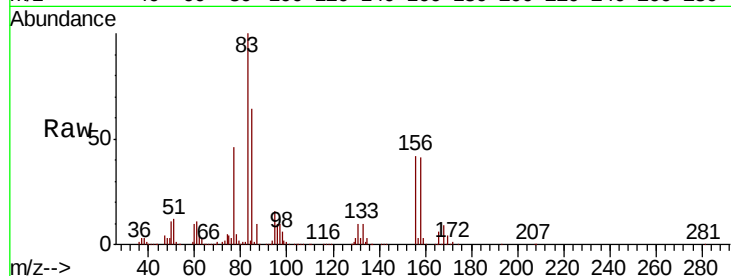
Tot Ion: 83 Resp: 240046

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.1

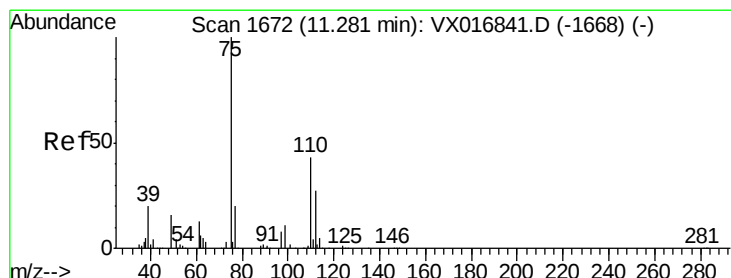
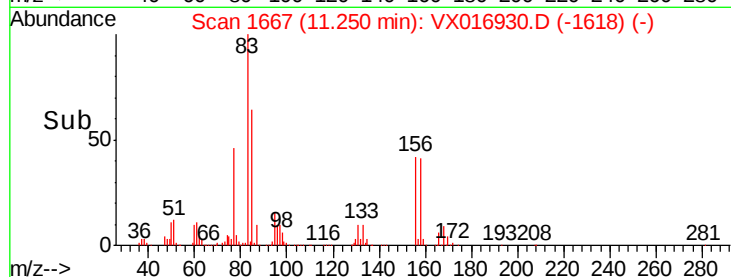
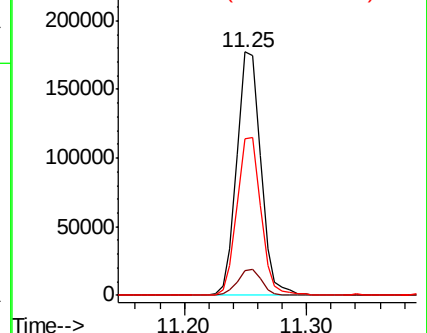
85 64.8 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.424 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016930.D

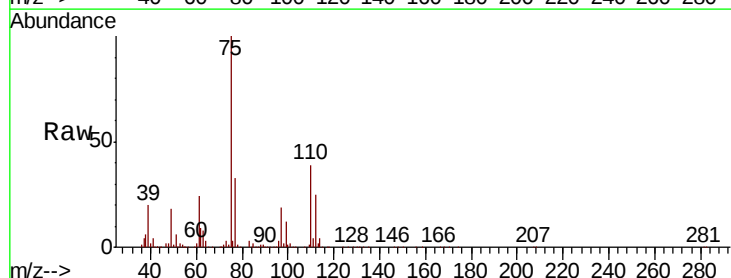
Acq: 22 Jun 2020 19:15

Tgt Ion: 75 Resp: 299480

Ion Ratio Lower Upper

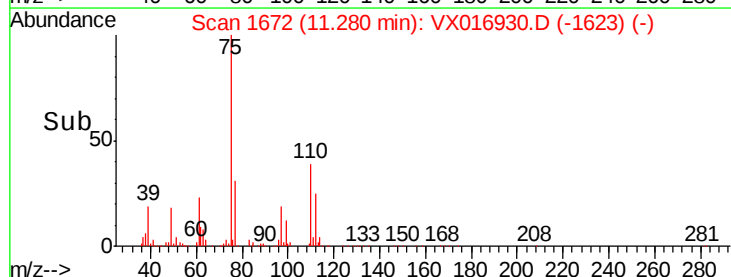
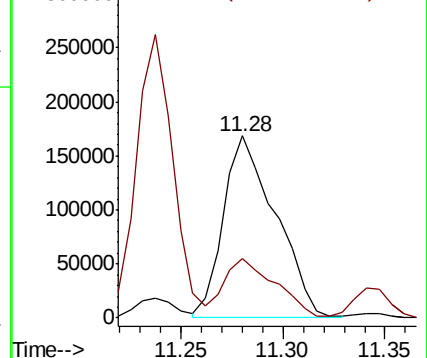
75 100

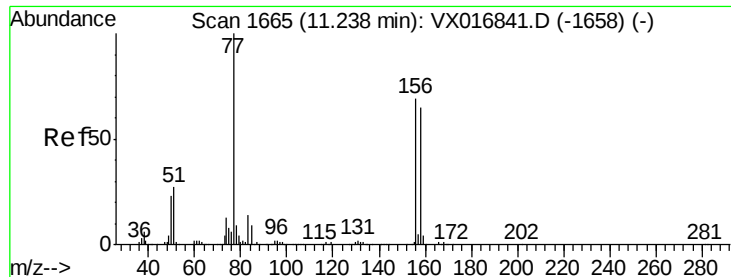
77 32.2 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.749 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

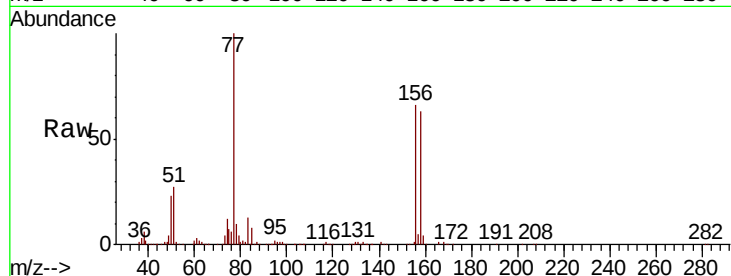
Tot Ion:156 Resp: 214549

Ion Ratio Lower Upper

156 100

77 152.4 73.4 220.2

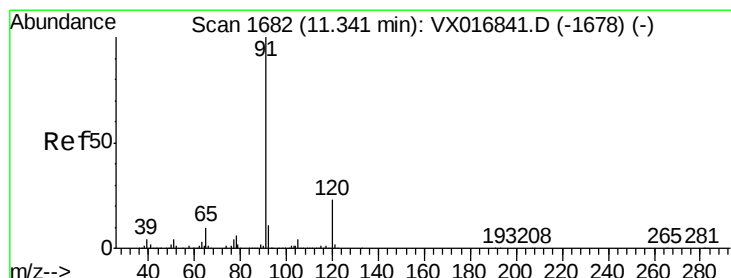
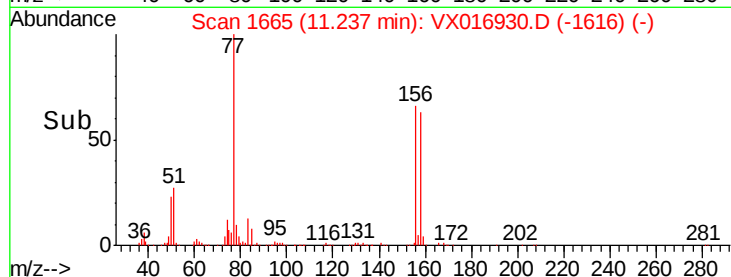
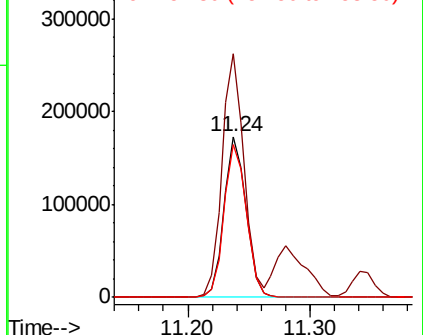
158 96.9 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.485 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016930.D

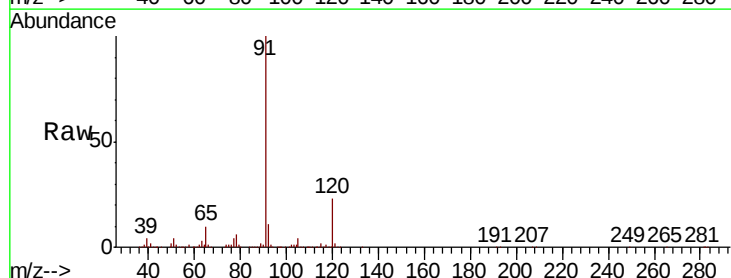
Acq: 22 Jun 2020 19:15

Tgt Ion: 91 Resp: 927236

Ion Ratio Lower Upper

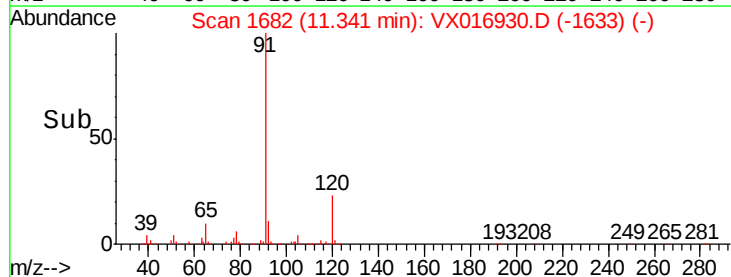
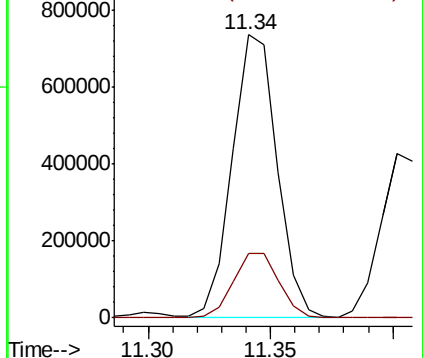
91 100

120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

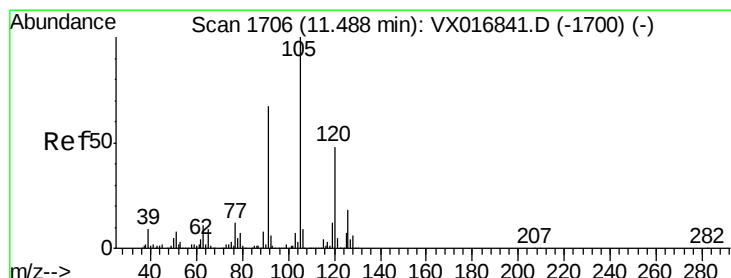
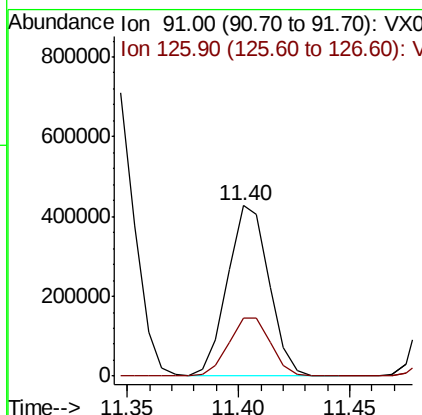
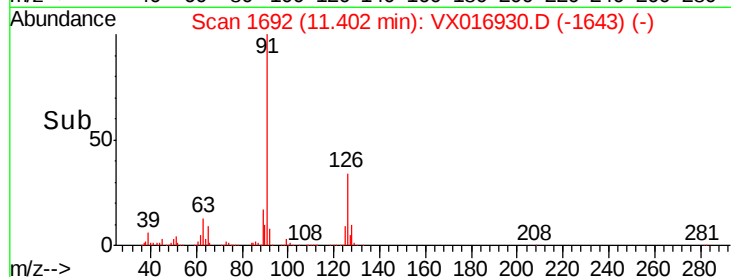
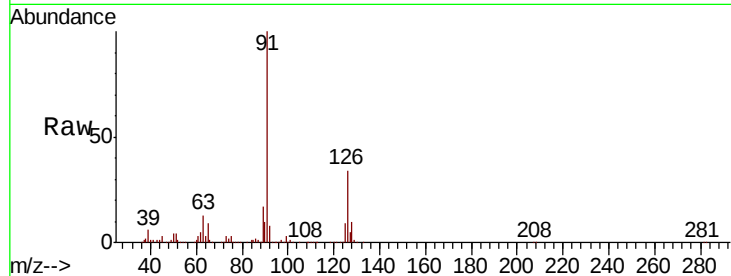




#79
2-Chlorotoluene
Concen: 50.175 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

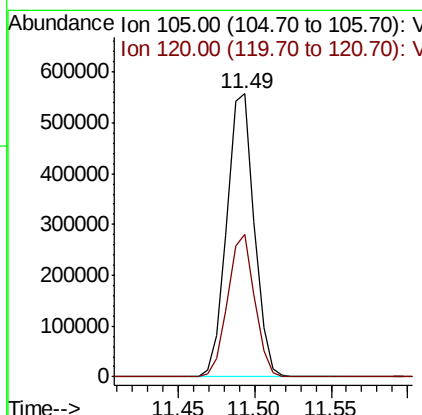
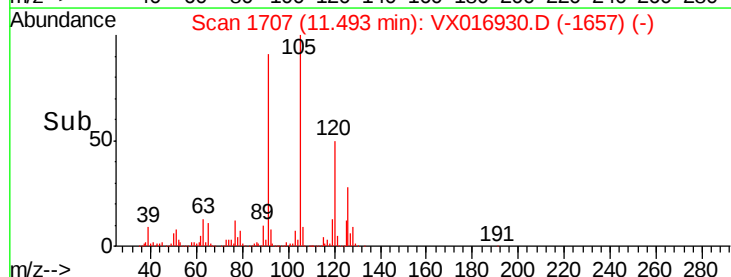
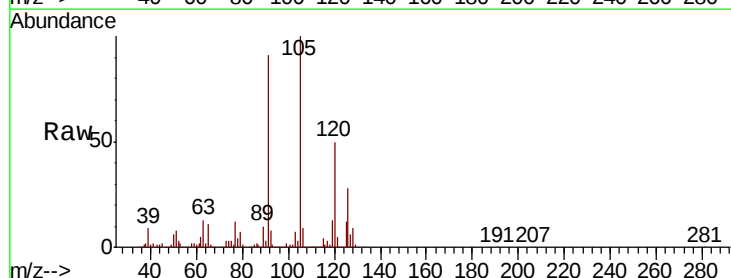
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

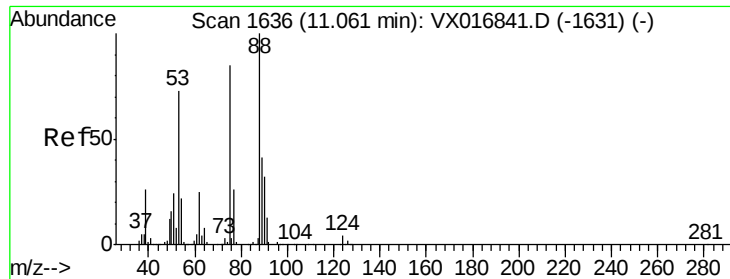
Tot Ion: 91 Resp: 552886
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 49.803 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 105 Resp: 693436
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.785 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

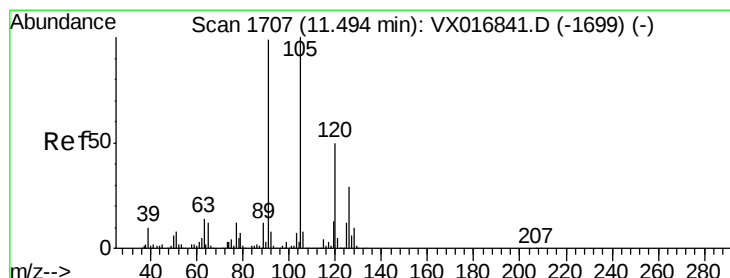
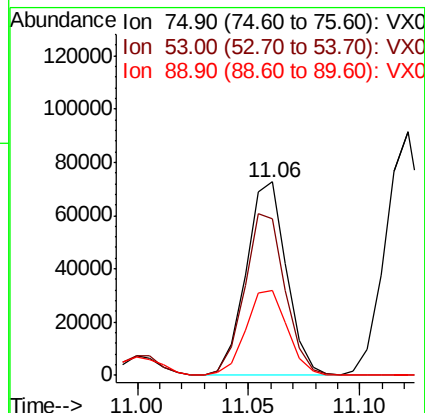
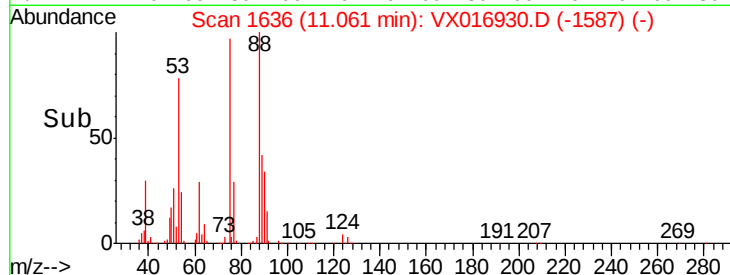
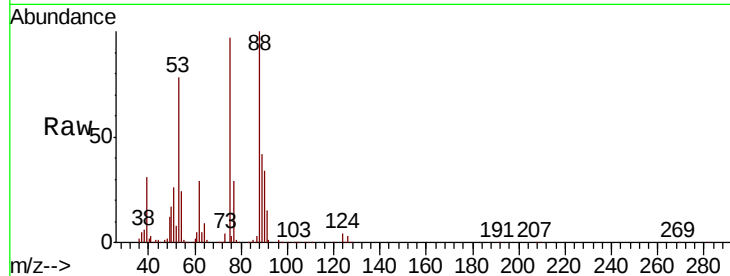
Tot Ion: 75 Resp: 91193

Ion Ratio Lower Upper

75 100

53 84.5 69.8 104.8

89 45.5 38.3 57.5



#82

4-Chlorotoluene

Concen: 48.671 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016930.D

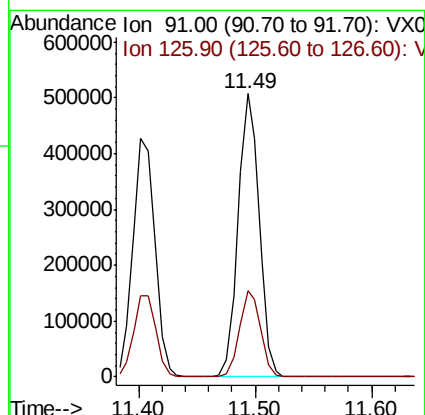
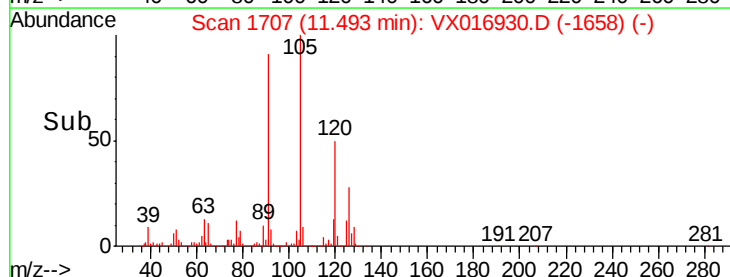
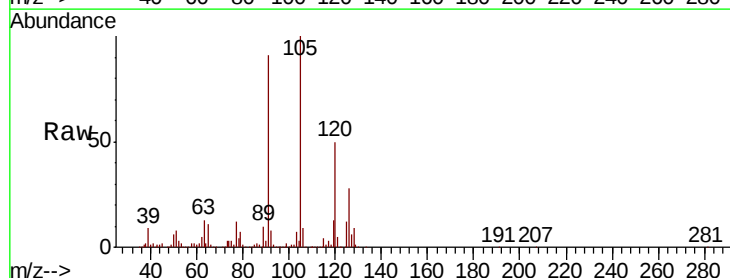
Acq: 22 Jun 2020 19:15

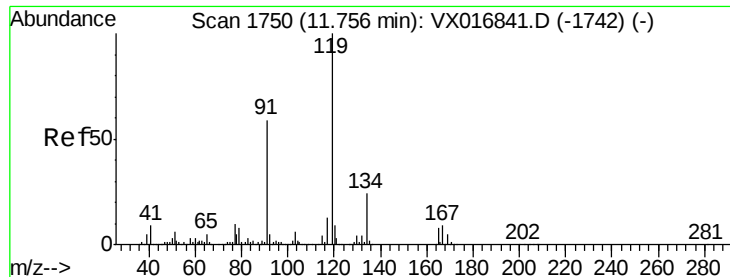
Tgt Ion: 91 Resp: 643420

Ion Ratio Lower Upper

91 100

126 30.3 15.0 45.0

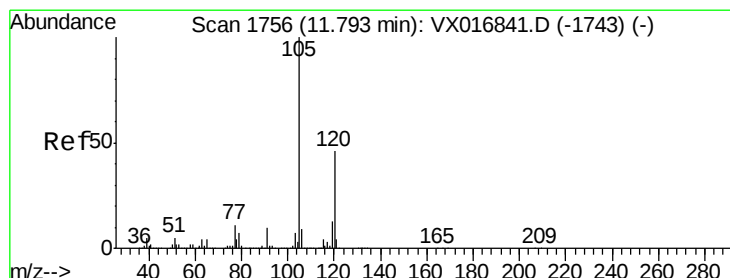
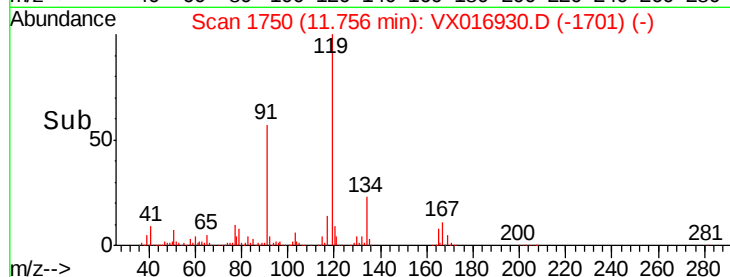
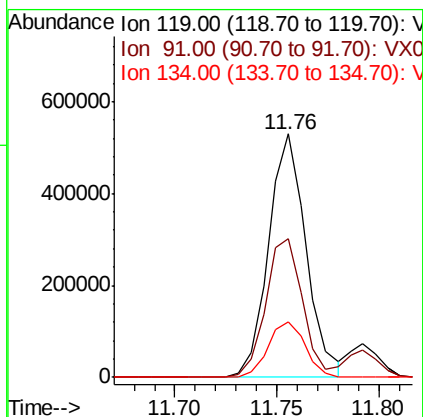
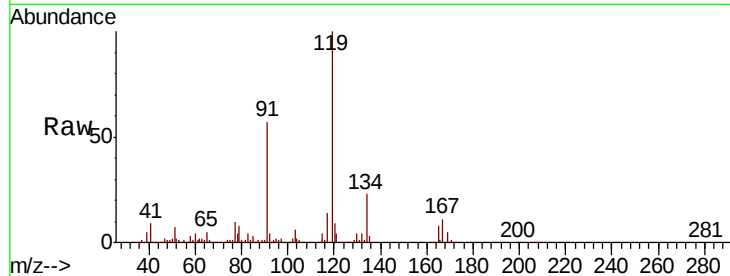




#83
 tert-Butylbenzene
 Concen: 49.190 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

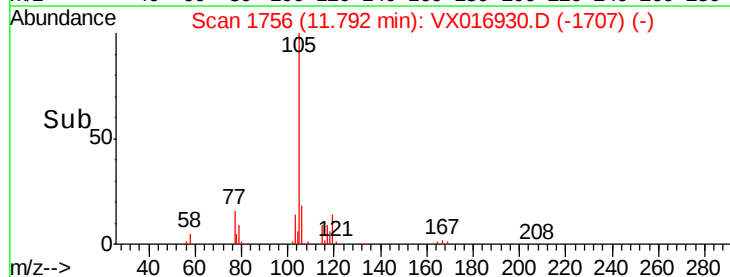
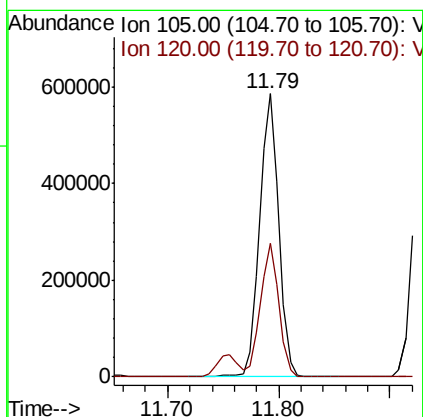
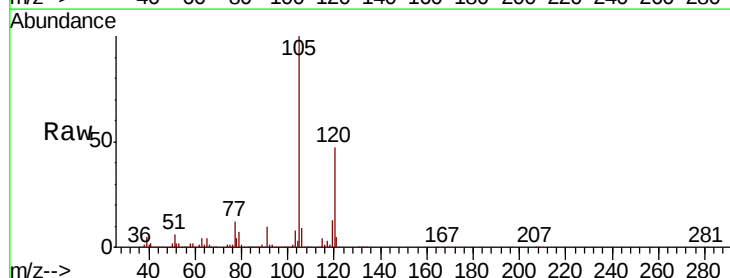
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

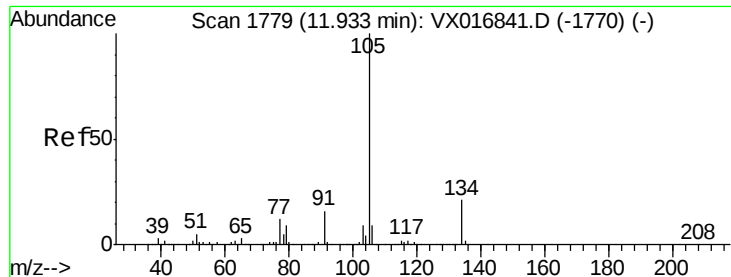
Tot Ion:119 Resp: 677654
 Ion Ratio Lower Upper
 119 100
 91 55.7 28.5 85.5
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.018 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion:105 Resp: 703060
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.9

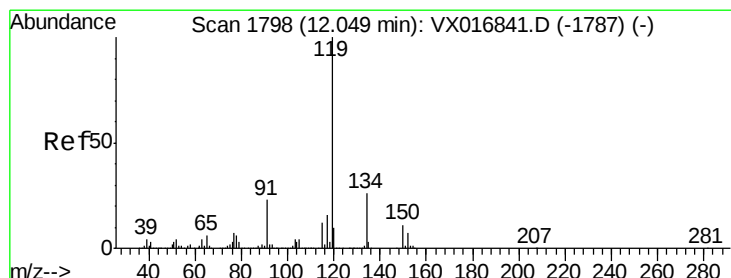
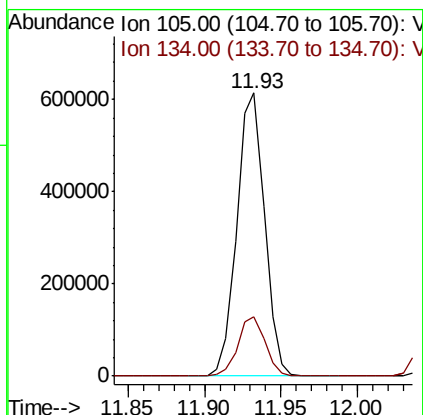
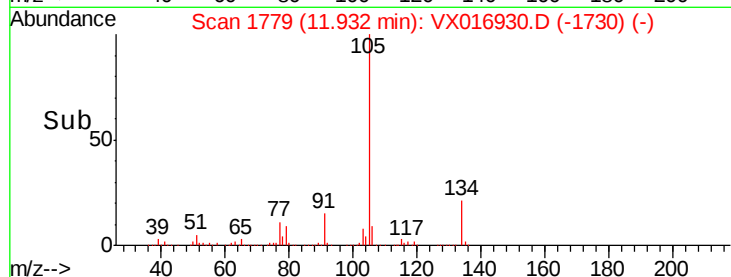
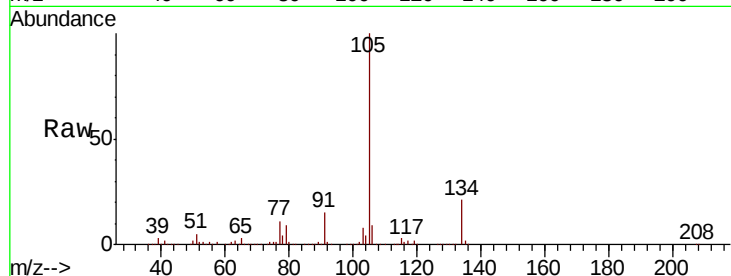




#85
 sec-Butylbenzene
 Concen: 48.022 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

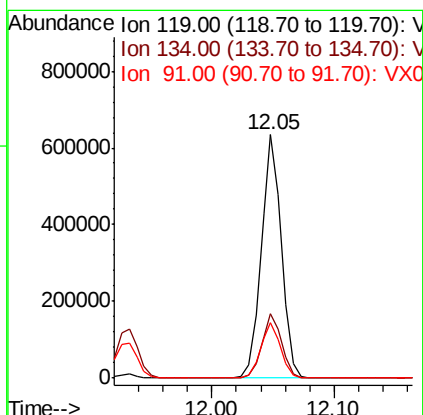
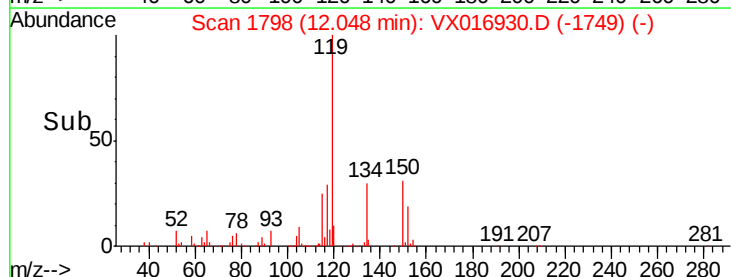
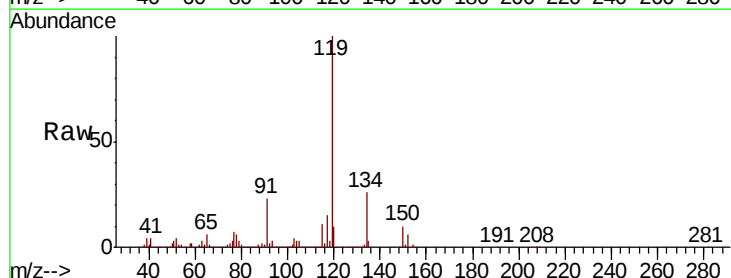
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 768332
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.551 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion:119 Resp: 726394
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 22.6 11.6 34.8

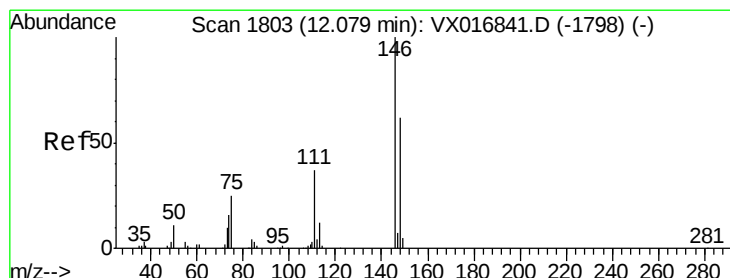
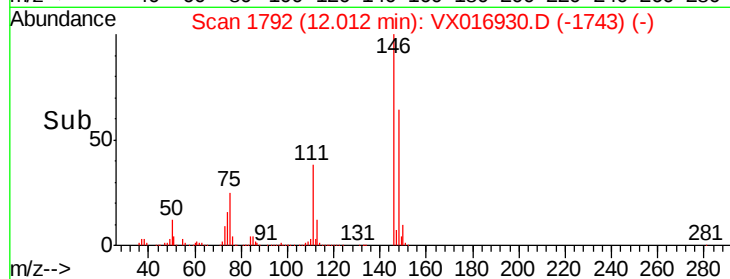
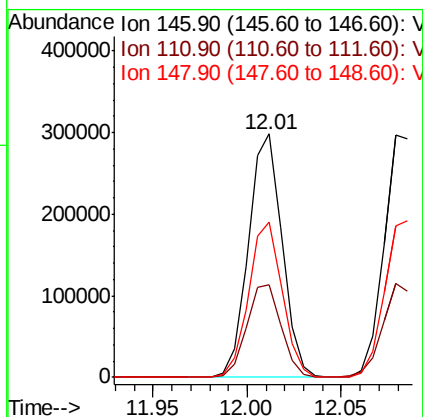
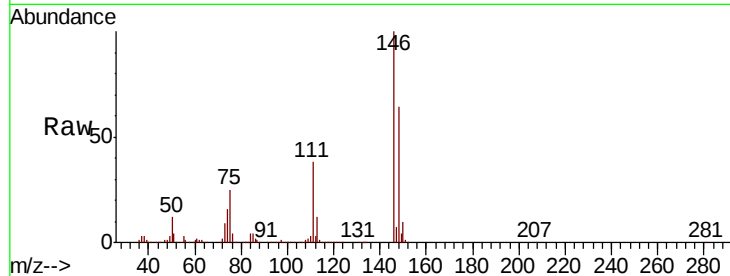




#87
 1,3-Dichlorobenzene
 Concen: 45.956 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

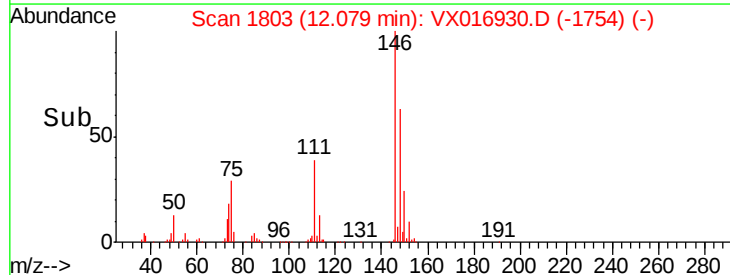
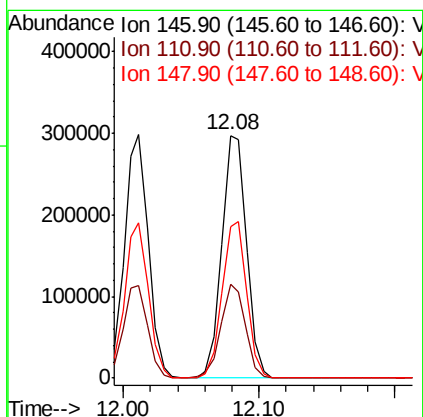
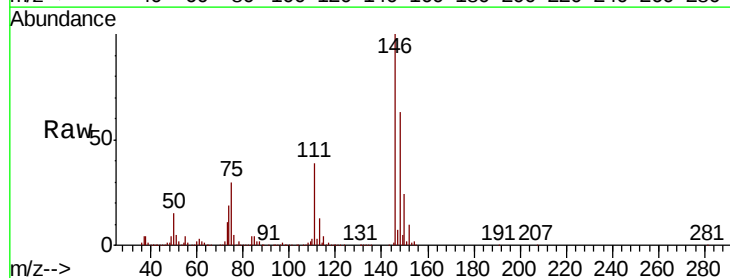
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

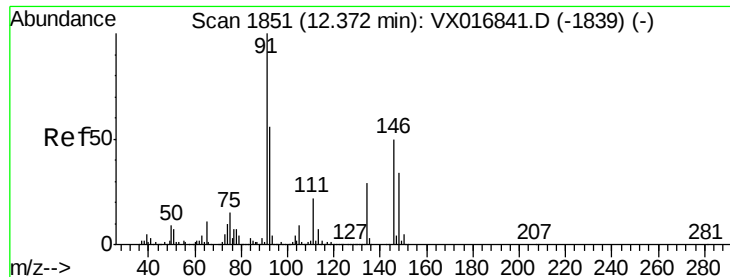
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	63.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 45.921 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.0	57.0
148	64.1	31.6	95.0

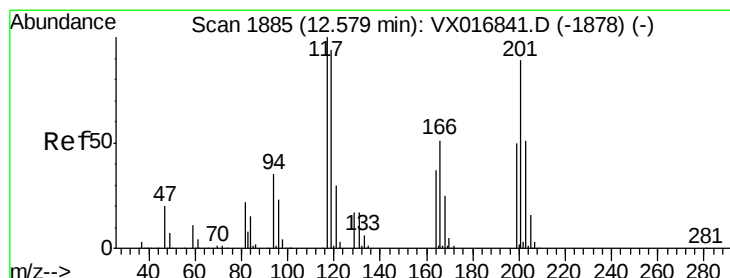
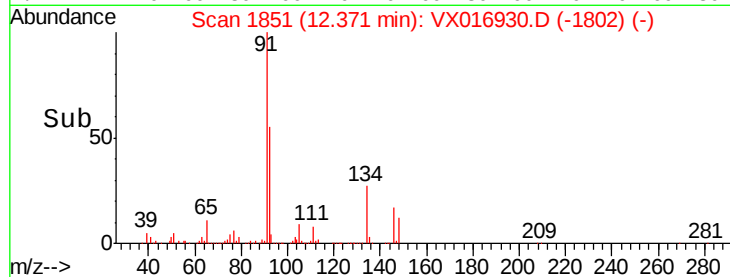
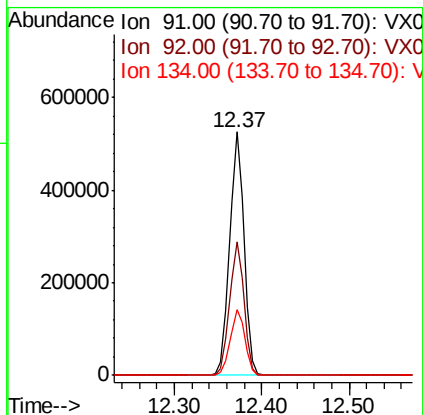
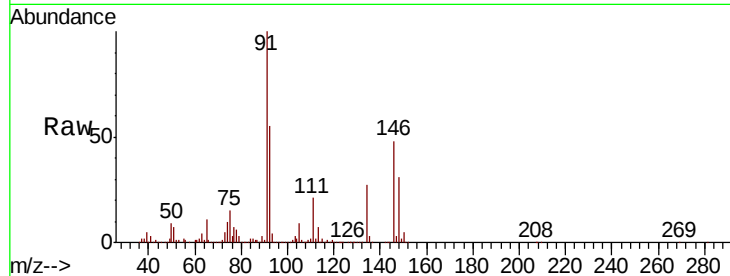




#89
n-Butylbenzene
Concen: 47.793 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

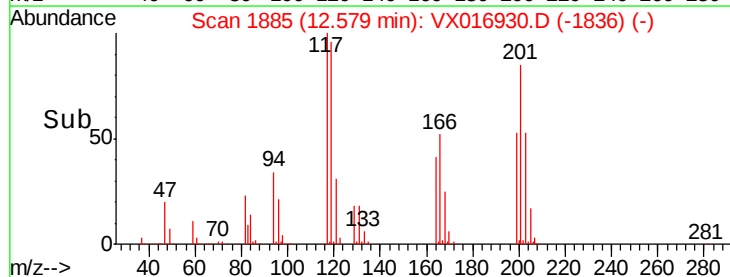
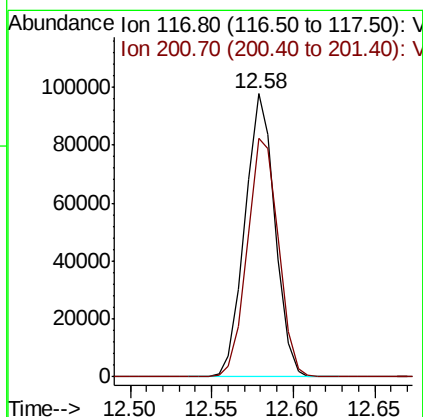
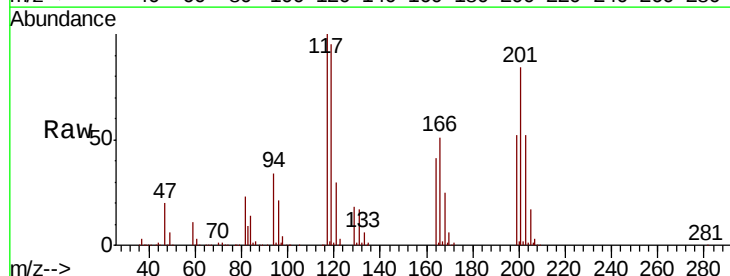
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

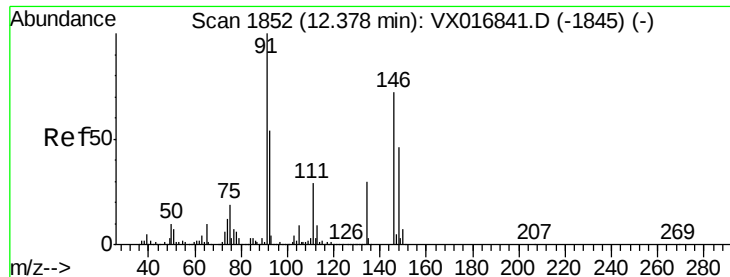
Tot Ion: 91 Resp: 600795
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.2
134 27.5 13.9 41.6



#90
Hexachloroethane
Concen: 47.480 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 117 Resp: 125379
Ion Ratio Lower Upper
117 100
201 87.5 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 45.414 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

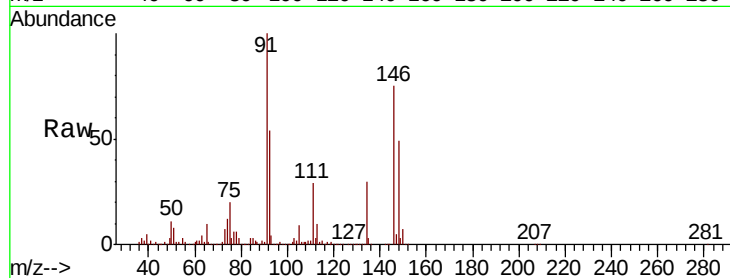
Tot Ion:146 Resp: 352523

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.7

148 64.8 32.9 98.6

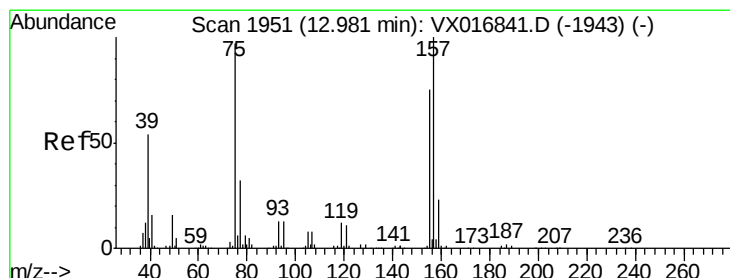
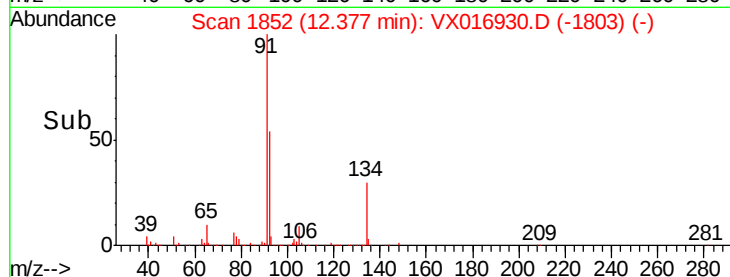
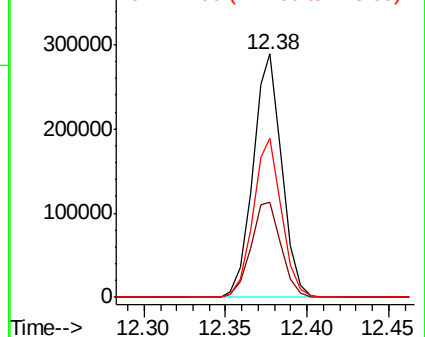


Abundance

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: 50.933 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

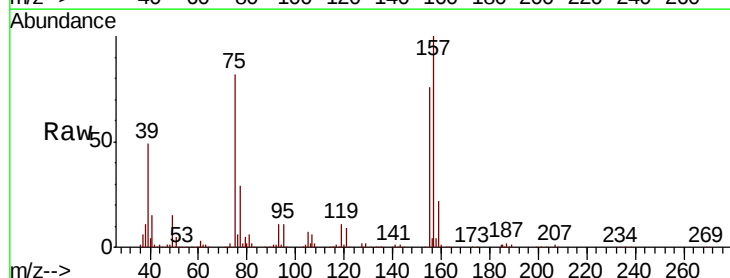
Tgt Ion: 75 Resp: 55031

Ion Ratio Lower Upper

75 100

155 94.9 46.4 139.1

157 122.2 58.6 175.8

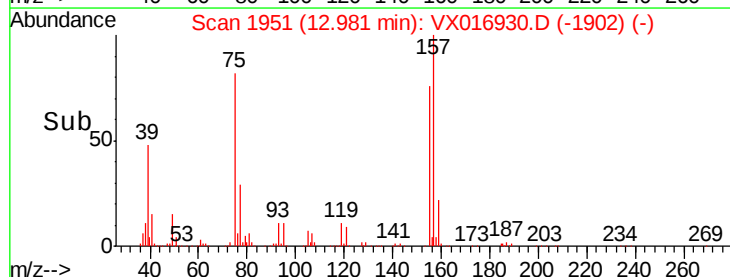
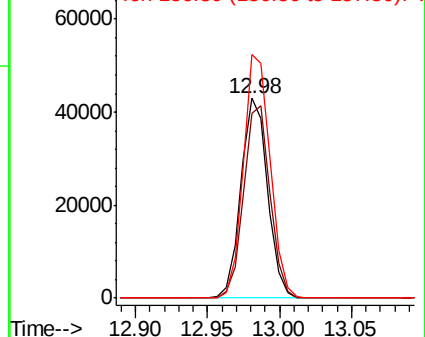


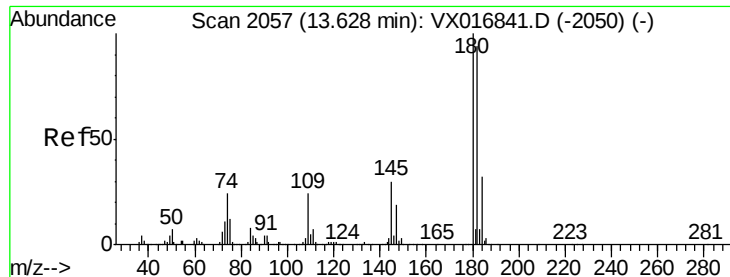
Abundance

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

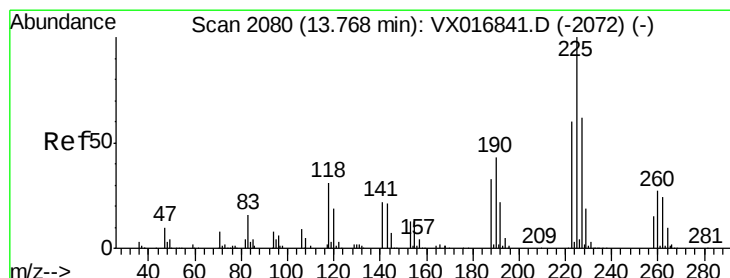
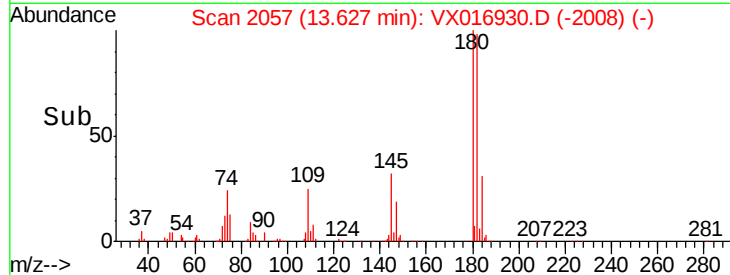
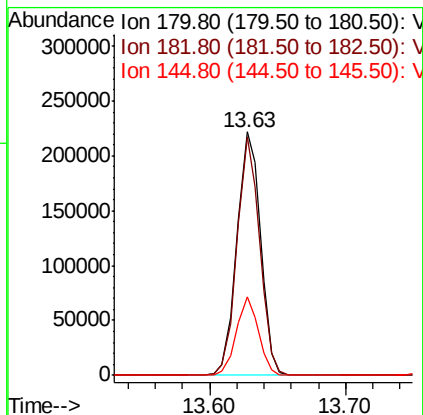
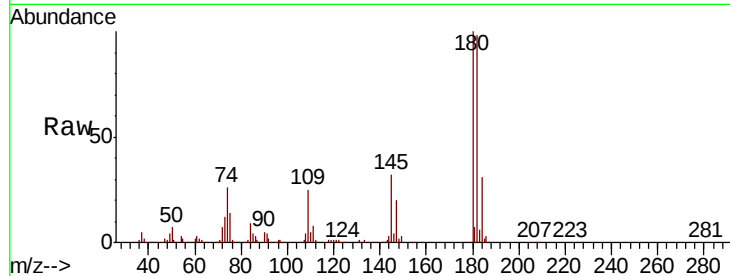




#93
 1,2,4-Trichlorobenzene
 Concen: 51.362 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

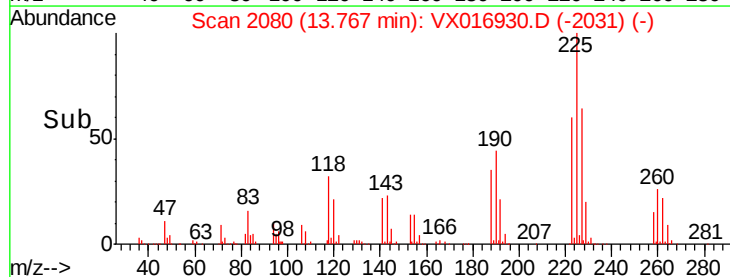
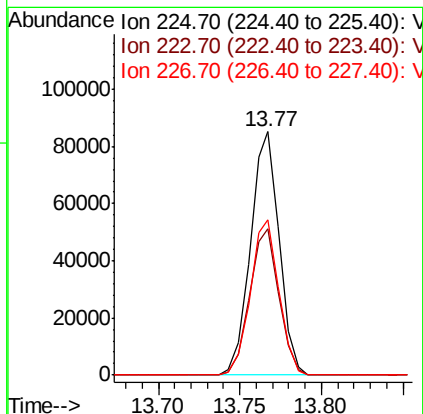
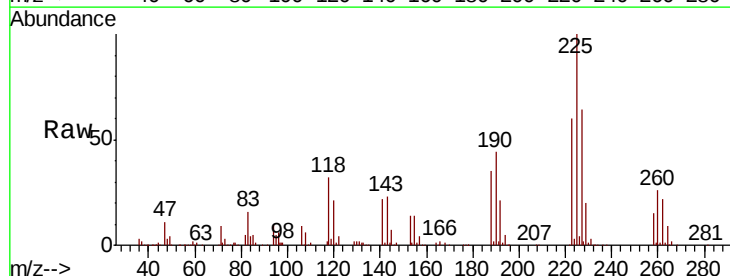
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

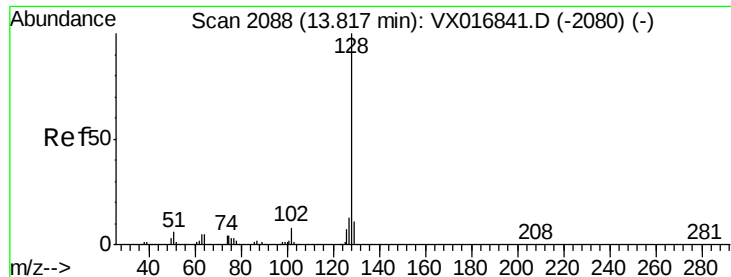
Tot Ion:180 Resp: 267724
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.7 143.1
 145 30.2 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 44.274 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion:225 Resp: 104137
 Ion Ratio Lower Upper
 225 100
 223 61.2 32.1 96.5
 227 63.4 32.3 96.8

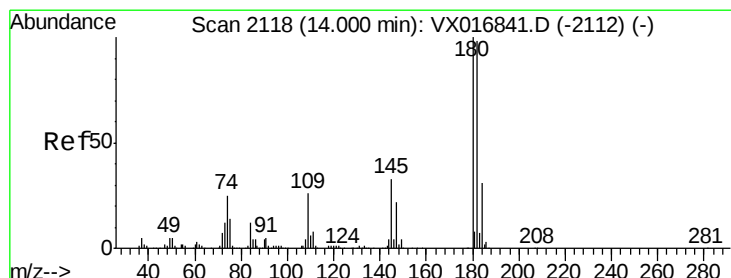
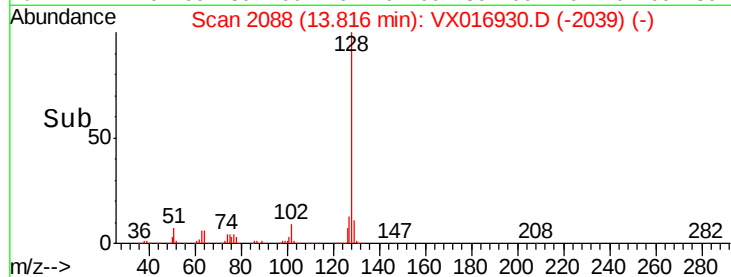
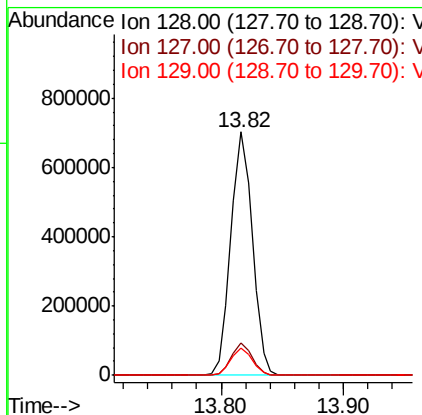
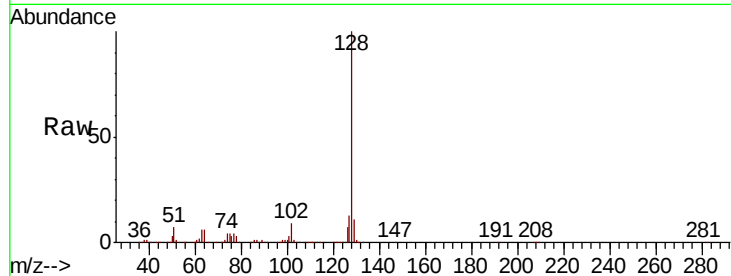




#95
Naphthalene
Concen: 55.761 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 853310
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.763 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:180 Resp: 253479
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 32.1 16.0 48.0

