

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016794.D
 Acq On : 16 Jun 2020 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 17 04:01:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	299072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	155539	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
35) Dibromofluoromethane	5.46	113	130435	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
50) Toluene-d8	8.70	98	504356	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.12	95	190625	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	161161	47.705	ug/l	99
3) Chloromethane	1.31	50	153305	46.958	ug/l	99
4) Vinyl Chloride	1.39	62	175421	50.356	ug/l	98
5) Bromomethane	1.62	94	91961	42.506	ug/l	99
6) Chloroethane	1.71	64	107083	49.902	ug/l	99
7) Trichlorofluoromethane	1.92	101	246727	49.176	ug/l	99
8) Diethyl Ether	2.17	74	96336	47.019	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133254	52.203	ug/l	98
10) Methyl Iodide	2.49	142	135056	42.331	ug/l	96
11) Tert butyl alcohol	3.01	59	200269	236.977	ug/l	100
12) 1,1-Dichloroethene	2.36	96	143045	48.936	ug/l	98
13) Acrolein	2.27	56	85042	236.462	ug/l	97
14) Allyl chloride	2.70	41	220734	48.282	ug/l	96
15) Acrylonitrile	3.12	53	416732	243.014	ug/l	99
16) Acetone	2.42	43	365593	239.588	ug/l	97
17) Carbon Disulfide	2.55	76	392550	46.891	ug/l	99
18) Methyl Acetate	2.75	43	208515	51.195	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	473482	47.526	ug/l	99
20) Methylene Chloride	2.83	84	153149	46.595	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	154827	49.290	ug/l	99
22) Diisopropyl ether	3.82	45	417298	48.595	ug/l	99
23) Vinyl Acetate	3.78	43	1819592	245.154	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256239	47.708	ug/l	99
25) 2-Butanone	4.64	43	566908	246.512	ug/l	98
26) 2,2-Dichloropropane	4.55	77	212424	42.713	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	170392	47.460	ug/l	99
28) Bromochloromethane	4.98	49	104893	45.782	ug/l #	4
29) Tetrahydrofuran	5.09	42	368006	247.019	ug/l	100
30) Chloroform	5.18	83	264177	46.492	ug/l	98
31) Cyclohexane	5.55	56	216695	50.103	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	245681	47.649	ug/l	100
36) 1,1-Dichloropropene	5.78	75	198270	49.077	ug/l	99
37) Ethyl Acetate	4.79	43	218143	49.306	ug/l	99
38) Carbon Tetrachloride	5.76	117	222113	48.410	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227153	48.517	ug/l	99
40) Benzene	6.12	78	600312	48.804	ug/l	98
41) Methacrylonitrile	5.01	41	115921	49.140	ug/l	99
42) 1,2-Dichloroethane	6.16	62	207151	46.142	ug/l	99
43) Isopropyl Acetate	6.42	43	345377	49.809	ug/l	100
44) Trichloroethene	7.19	130	233430	61.351	ug/l	97
45) 1,2-Dichloropropane	7.49	63	149252	49.499	ug/l	99
46) Dibromomethane	7.64	93	103433	47.065	ug/l	98
47) Bromodichloromethane	7.88	83	216058	47.157	ug/l	97
48) Methyl methacrylate	7.74	41	166263	50.590	ug/l	98
49) 1,4-Dioxane	7.71	88	79317	975.240	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1088195	254.679	ug/l	99
52) Toluene	8.76	92	392261	49.095	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	248203	47.963	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	260215	48.207	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	158065	49.193	ug/l	95
56) Ethyl methacrylate	9.16	69	250025	51.971	ug/l	99
57) 1,3-Dichloropropane	9.35	76	260669	48.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	618466	261.460	ug/l	99
59) 2-Hexanone	9.48	43	844301	255.968	ug/l	99
60) Dibromochloromethane	9.57	129	188779	49.711	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171969	49.109	ug/l	99
64) Tetrachloroethene	9.32	164	201289	49.252	ug/l	97
65) Chlorobenzene	10.12	112	425820	49.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	168176	48.816	ug/l	99
67) Ethyl Benzene	10.24	91	739334	50.642	ug/l	99
68) m/p-Xylenes	10.34	106	567502	102.522	ug/l	100
69) o-Xylene	10.68	106	269414	50.521	ug/l	99
70) Styrene	10.70	104	481162	52.194	ug/l	99
71) Bromoform	10.84	173	152757	51.968	ug/l #	97
73) Isopropylbenzene	11.00	105	729211	49.941	ug/l	100
74) N-amyl acetate	10.88	43	293712	51.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	205199	47.774	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	291581	62.308	ug/l	86
77) Bromobenzene	11.24	156	197421	47.886	ug/l	99
78) n-propylbenzene	11.34	91	803480	50.670	ug/l	100
79) 2-Chlorotoluene	11.40	91	488587	48.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	614063	50.168	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	86739	46.662	ug/l	95
82) 4-Chlorotoluene	11.49	91	575144	49.003	ug/l	99
83) tert-Butylbenzene	11.76	119	560712	50.064	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	630614	50.930	ug/l	99
85) sec-Butylbenzene	11.93	105	674495	51.485	ug/l	100
86) p-Isopropyltoluene	12.05	119	644899	51.304	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341444	48.988	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	345225	47.762	ug/l	100
89) n-Butylbenzene	12.37	91	535334	51.590	ug/l	99
90) Hexachloroethane	12.58	117	110902	47.844	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	328368	47.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57093	47.533	ug/l	95

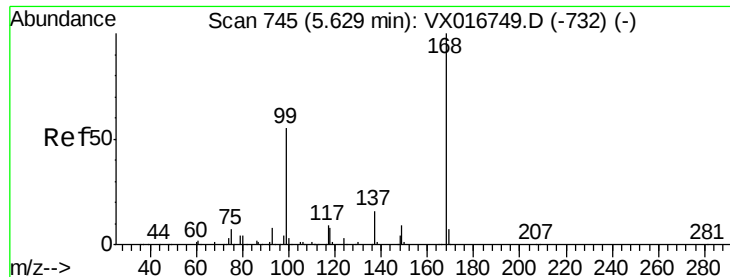
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	235026	48.149	ug/l	97
94) Hexachlorobutadiene	13.77	225	101747	47.392	ug/l	97
95) Naphthalene	13.82	128	783092	51.210	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	230855	48.051	ug/l	98

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

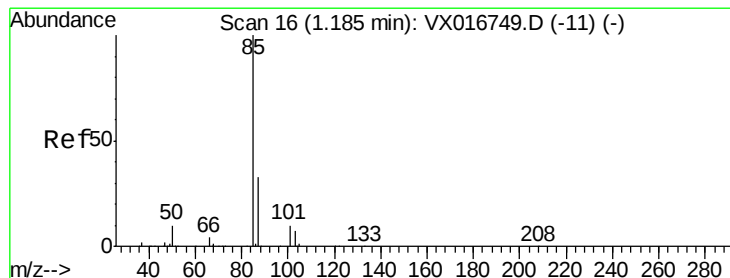
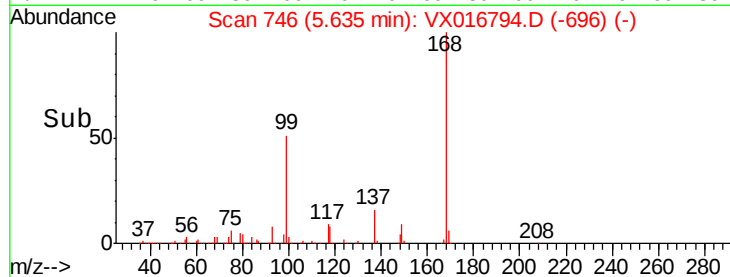
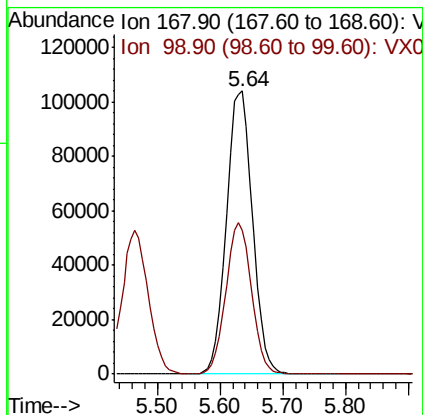
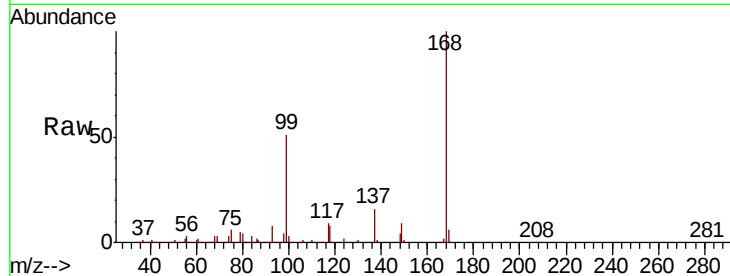


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

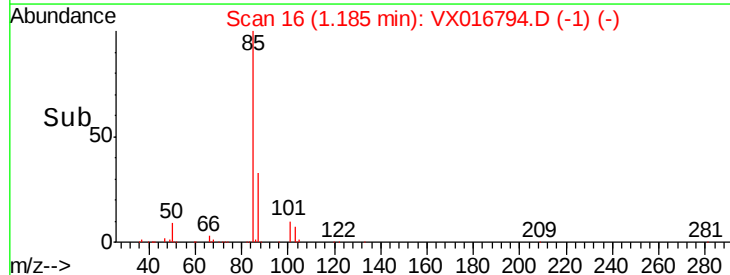
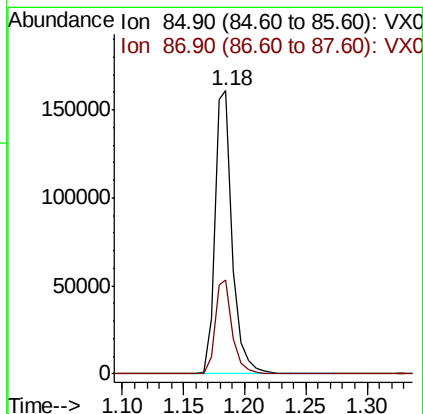
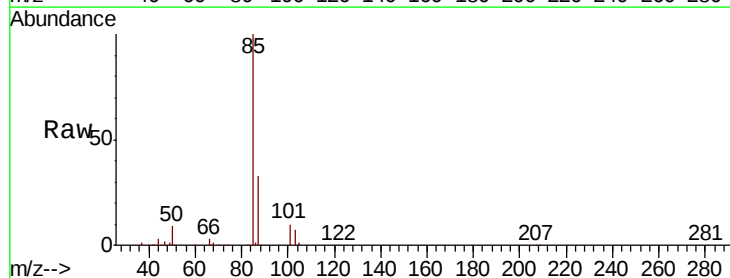
Tot Ion:168 Resp: 299072
 Ion Ratio Lower Upper
 168 100
 99 50.8 43.8 65.6

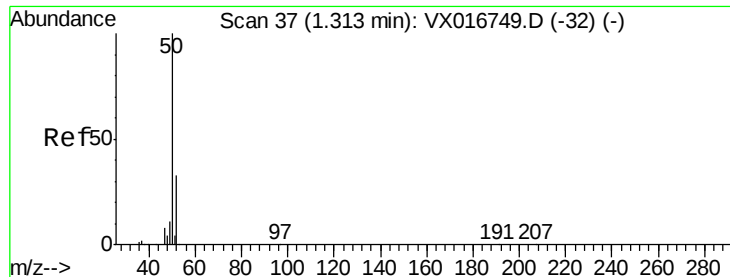


#2

Dichlorodifluoromethane
 Concen: 47.705 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion: 85 Resp: 161161
 Ion Ratio Lower Upper
 85 100
 87 33.4 16.4 49.2





#3

Chloromethane

Concen: 46.958 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

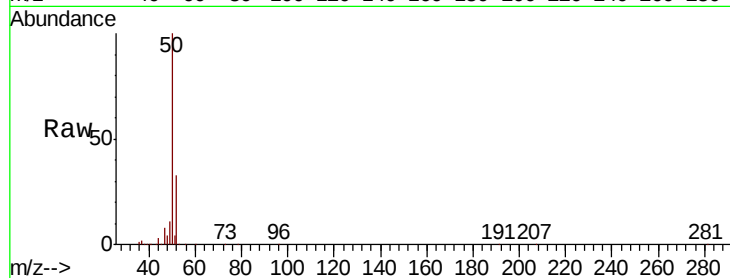
VSTDCCC050EC

Tot Ion: 50 Resp: 153305

Ion Ratio Lower Upper

50 100

52 33.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

150000

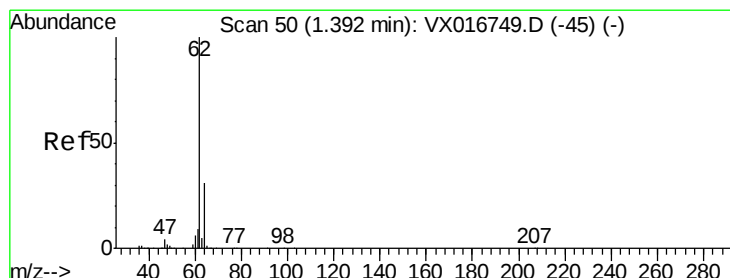
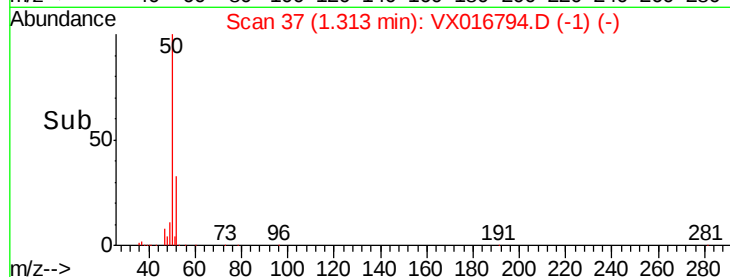
100000

50000

0

Time-->

1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 50.356 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016794.D

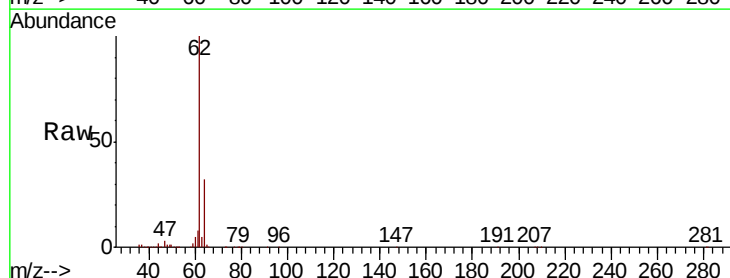
Acq: 16 Jun 2020 20:47

Tgt Ion: 62 Resp: 175421

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

150000

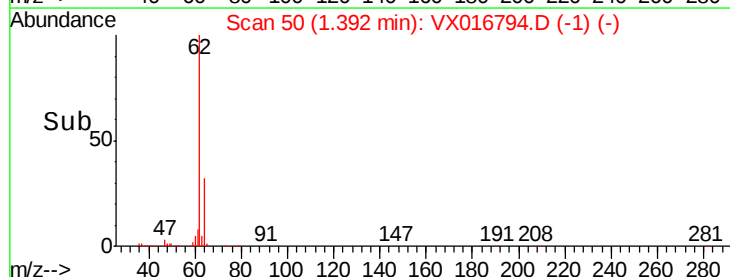
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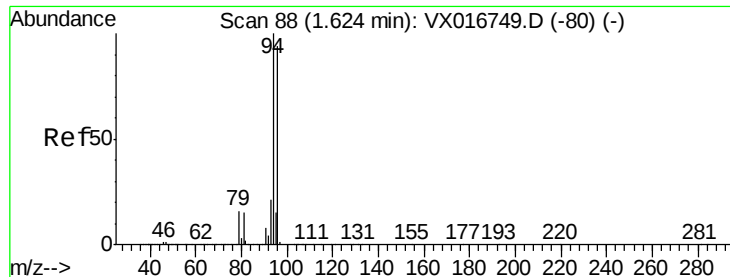
50000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 42.506 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

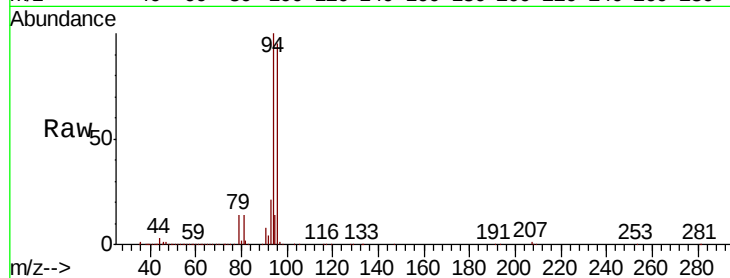
VSTDCCC050EC

Tot Ion: 94 Resp: 91961

Ion Ratio Lower Upper

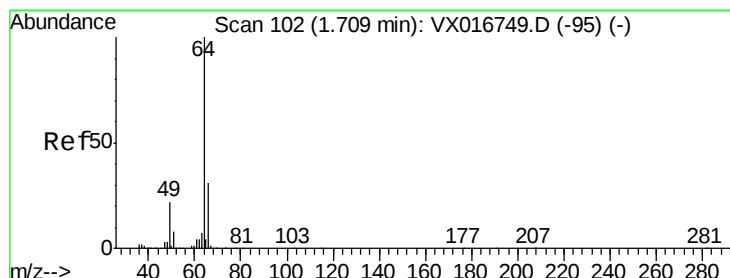
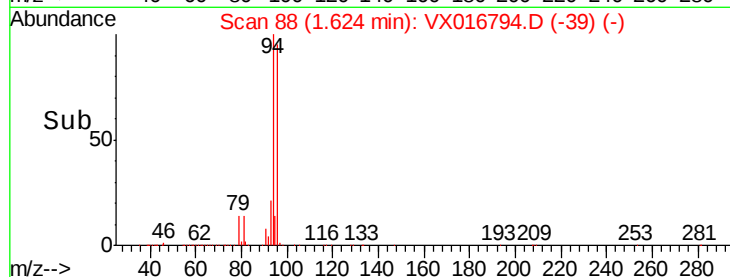
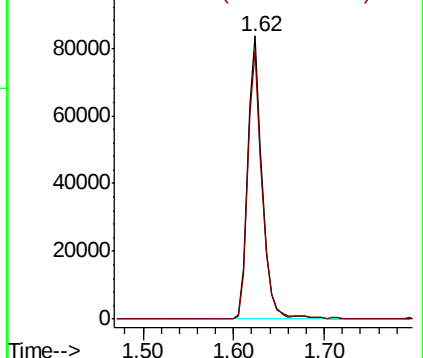
94 100

96 94.7 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.902 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016794.D

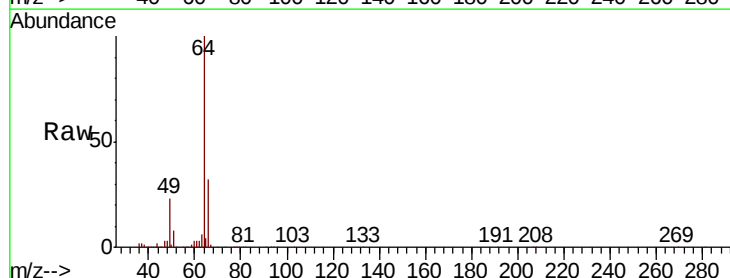
Acq: 16 Jun 2020 20:47

Tgt Ion: 64 Resp: 107083

Ion Ratio Lower Upper

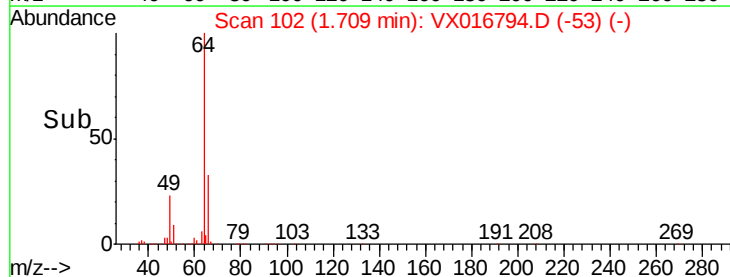
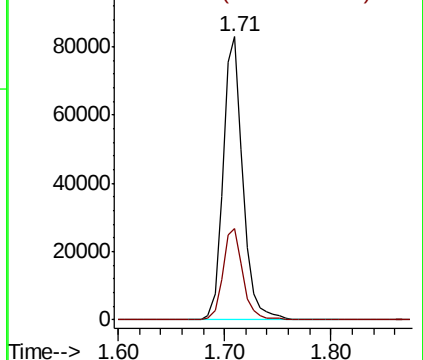
64 100

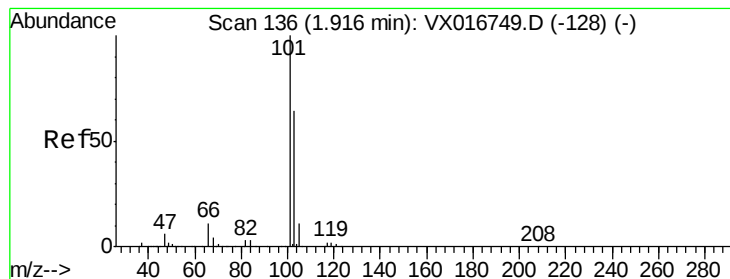
66 32.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



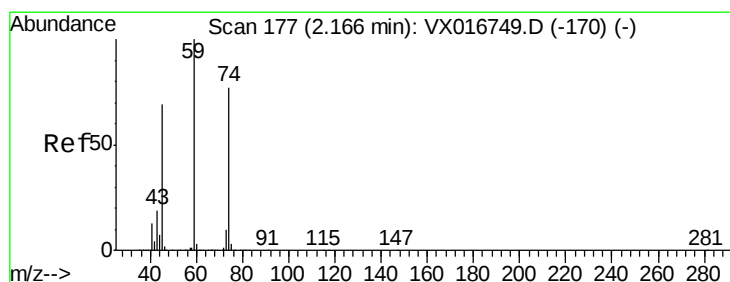
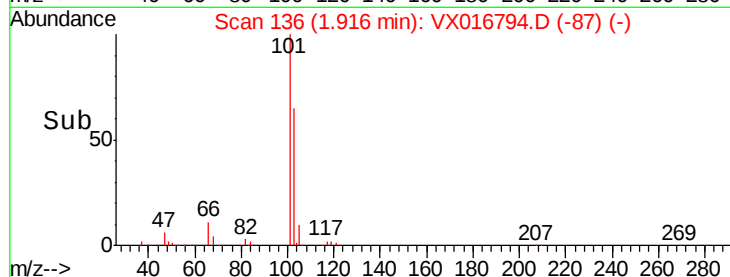
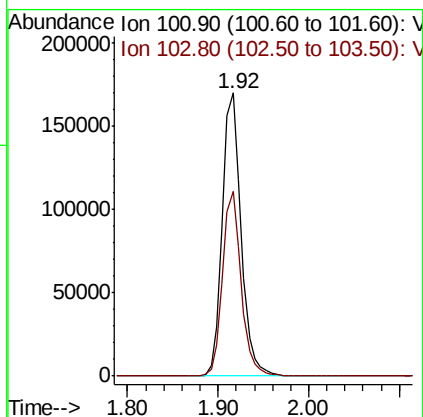
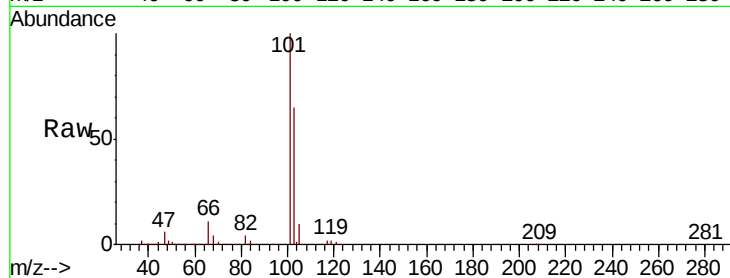


#7

Trichlorofluoromethane
 Concen: 49.176 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
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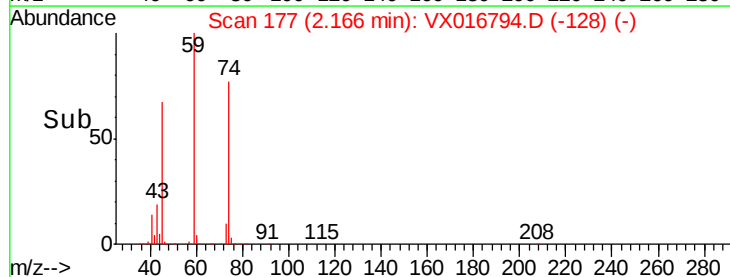
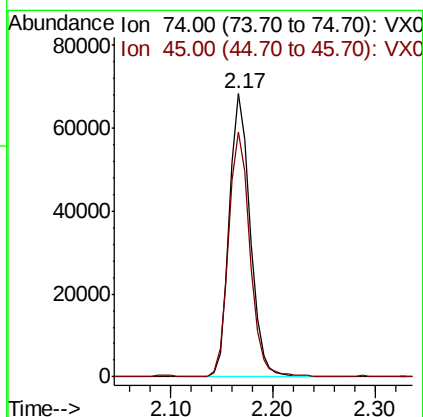
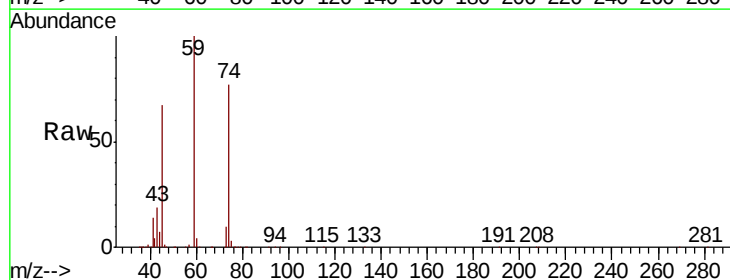
Tot Ion:101 Resp: 246727
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.3 76.9

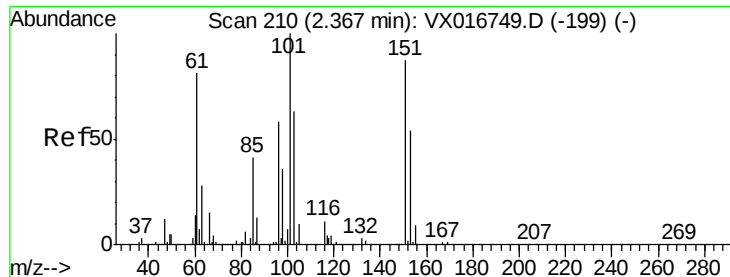


#8

Diethyl Ether
 Concen: 47.019 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion: 74 Resp: 96336
 Ion Ratio Lower Upper
 74 100
 45 87.4 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.203 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

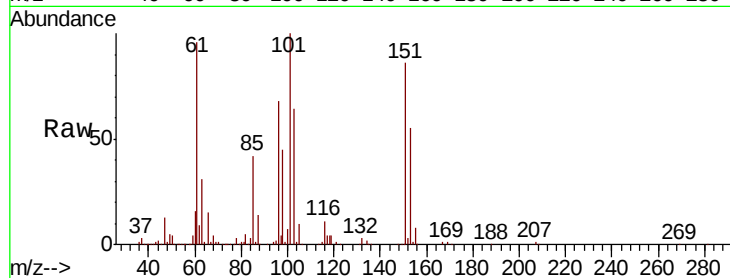
Tot Ion:101 Resp: 133254

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

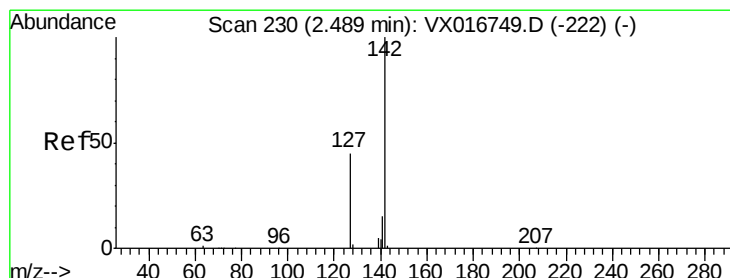
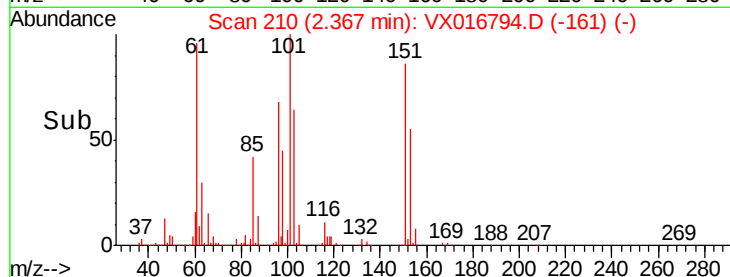
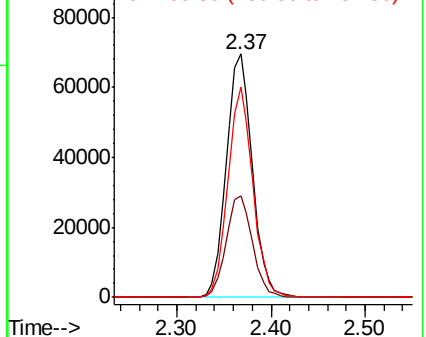
151 83.1 68.7 103.1



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: 42.331 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

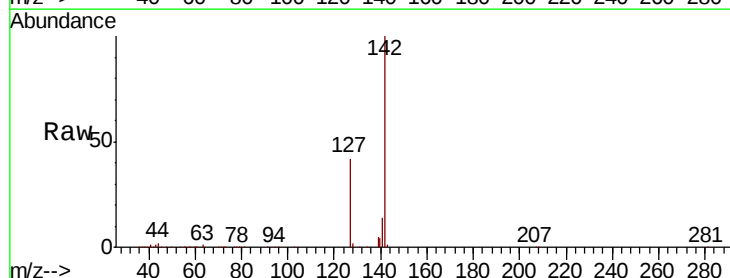
Tgt Ion:142 Resp: 135056

Ion Ratio Lower Upper

142 100

127 41.0 35.4 53.2

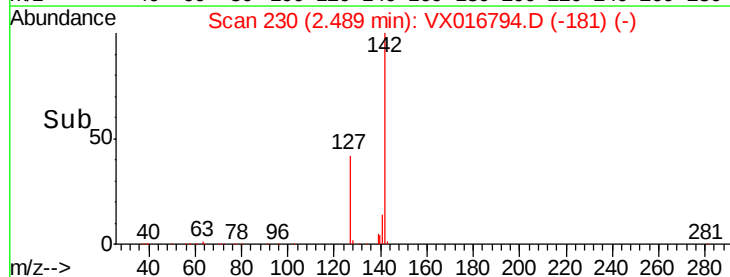
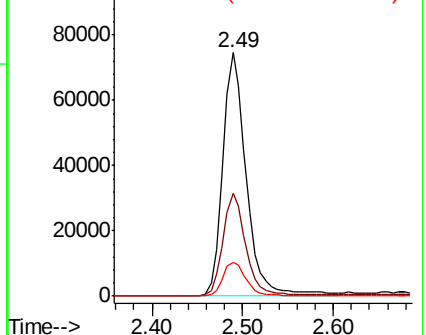
141 14.0 11.7 17.5

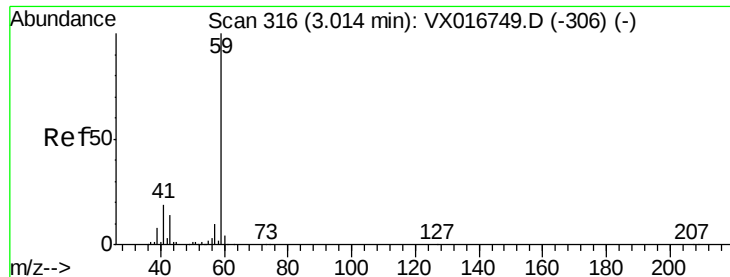


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol
Concen: 236.977 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

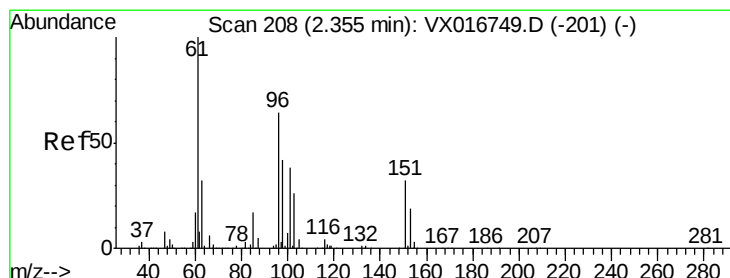
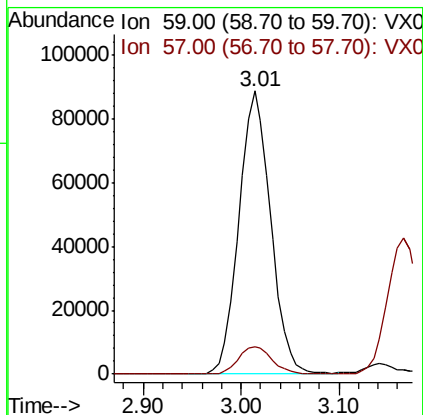
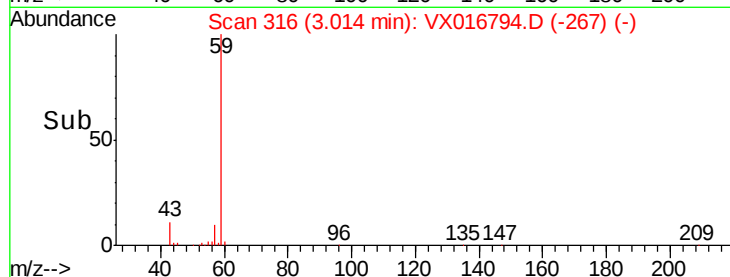
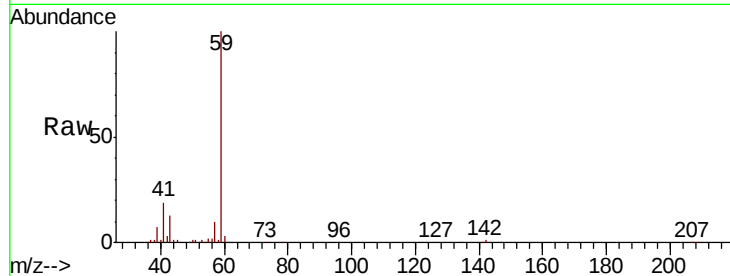
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 200269

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



#12

1,1-Dichloroethene
Concen: 48.936 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

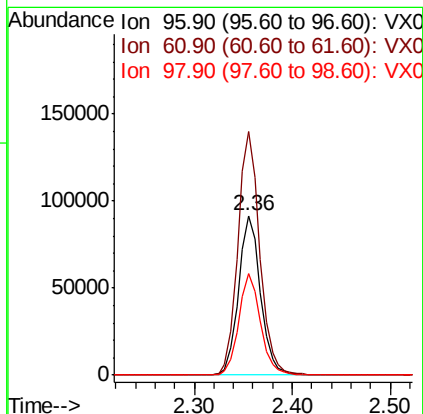
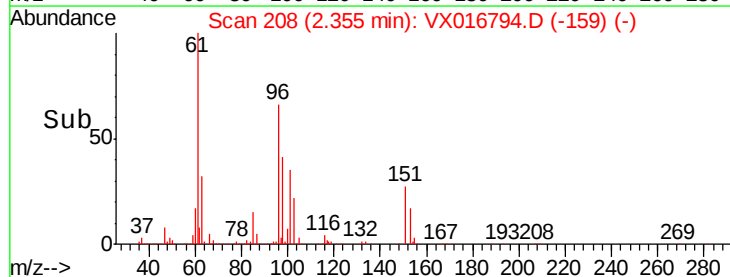
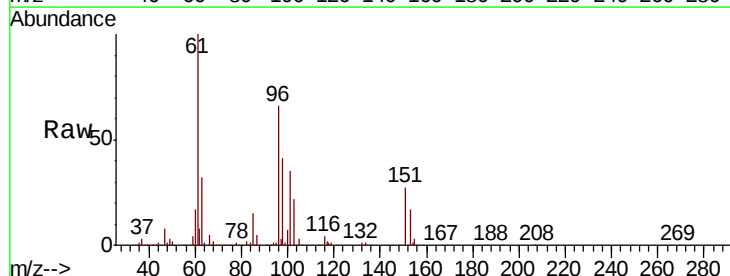
Tgt Ion: 96 Resp: 143045

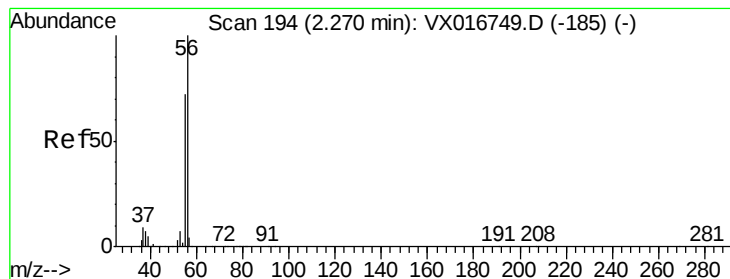
Ion Ratio Lower Upper

96 100

61 152.4 124.1 186.1

98 63.2 52.7 79.1





#13

Acrolein

Concen: 236.462 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

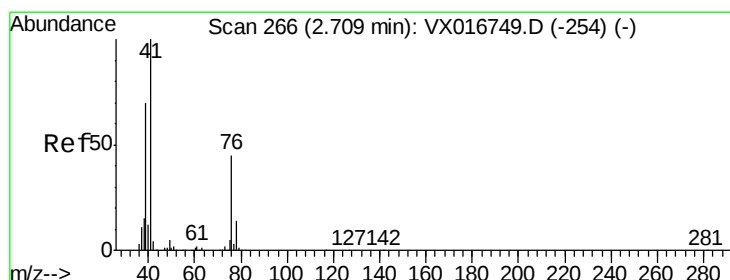
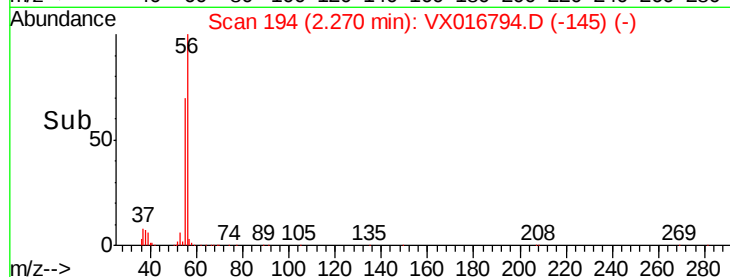
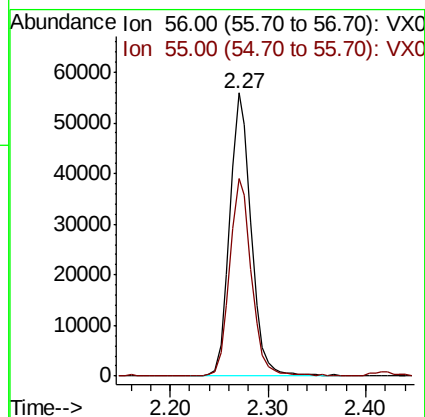
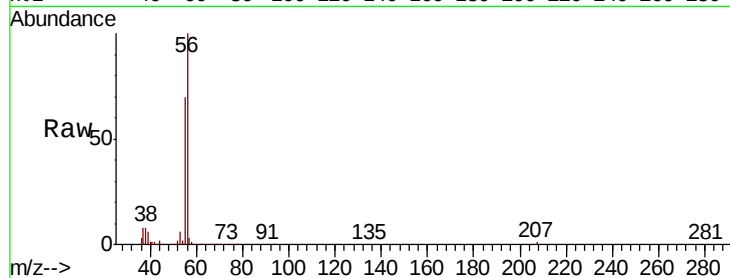
VSTDCCC050EC

Tot Ion: 56 Resp: 85042

Ion Ratio Lower Upper

56 100

55 70.3 58.2 87.4



#14

Allyl chloride

Concen: 48.282 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

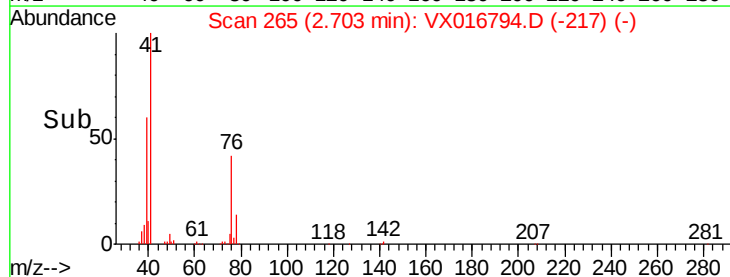
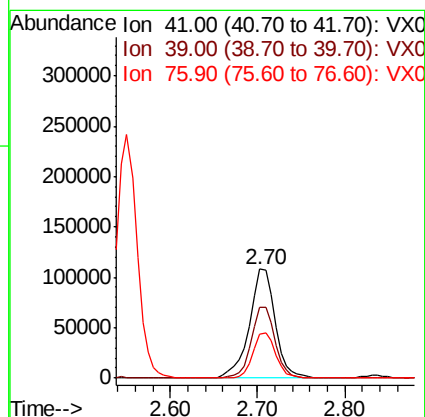
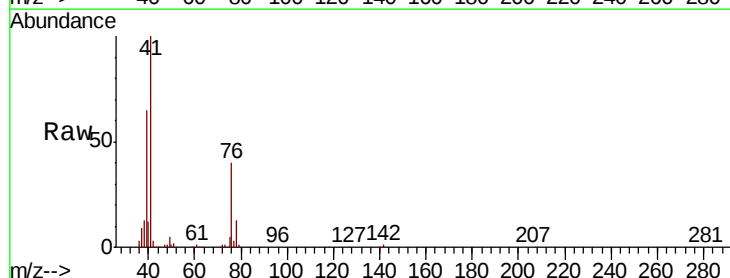
Tgt Ion: 41 Resp: 220734

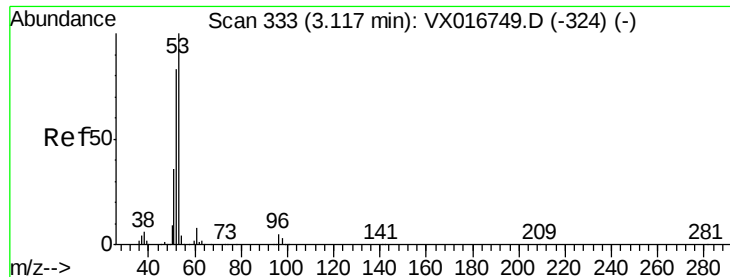
Ion Ratio Lower Upper

41 100

39 59.6 50.2 75.4

76 36.4 30.4 45.6





#15

Acrylonitrile

Concen: 243.014 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

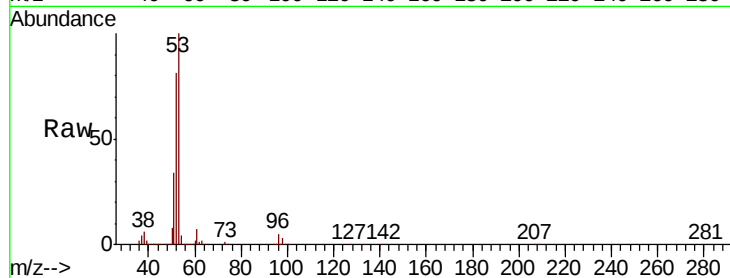
Tot Ion: 53 Resp: 416732

Ion Ratio Lower Upper

53 100

52 82.4 65.5 98.3

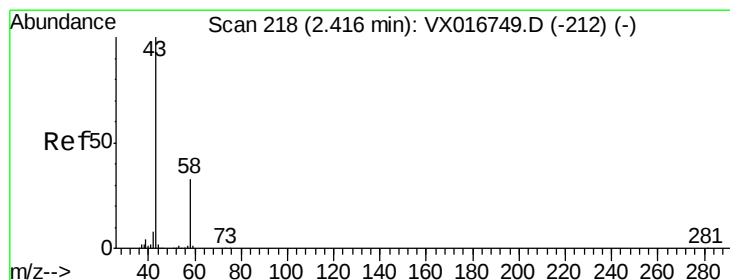
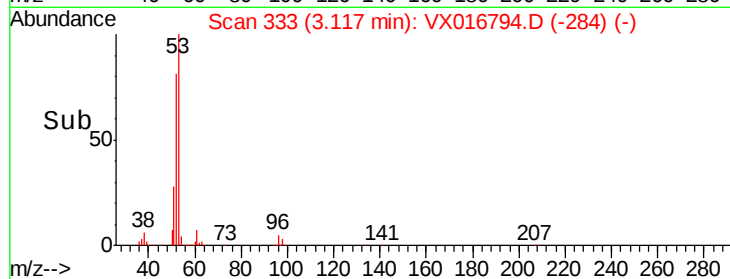
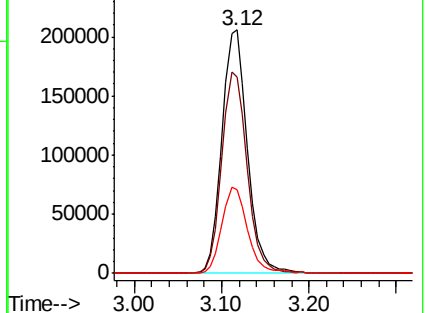
51 35.9 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.588 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016794.D

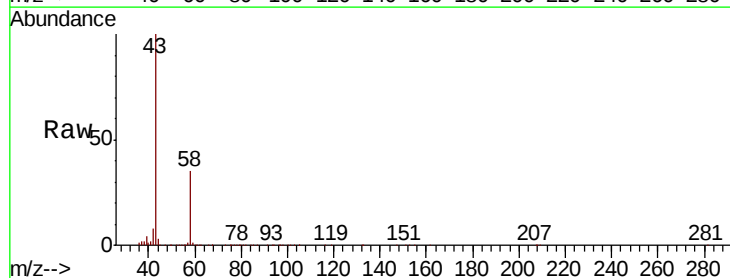
Acq: 16 Jun 2020 20:47

Tgt Ion: 43 Resp: 365593

Ion Ratio Lower Upper

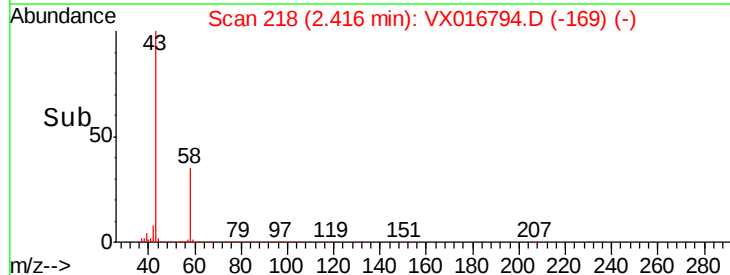
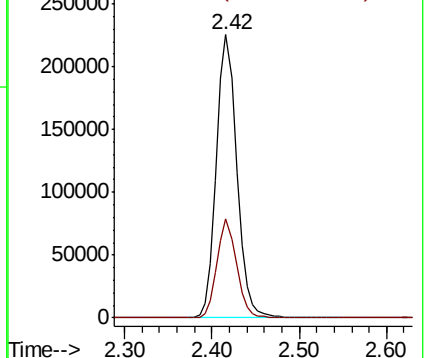
43 100

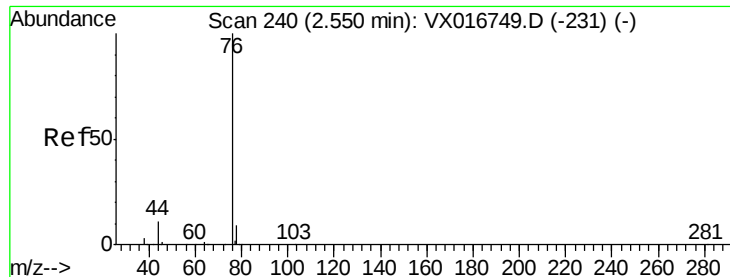
58 34.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

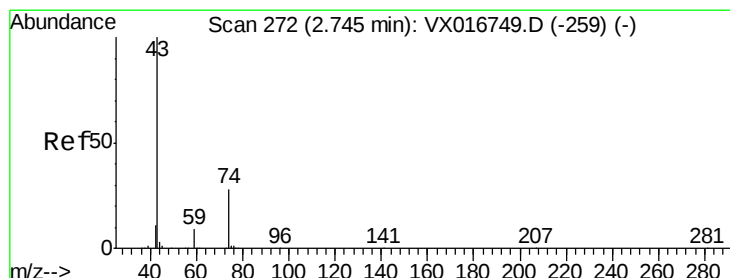
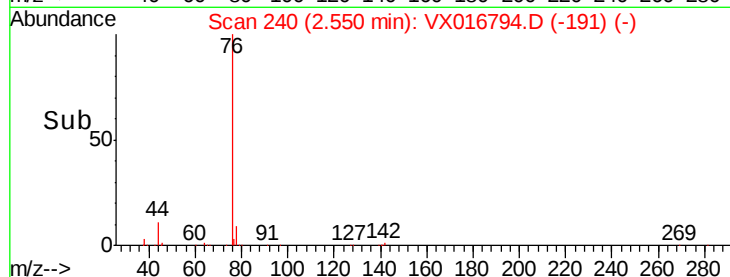
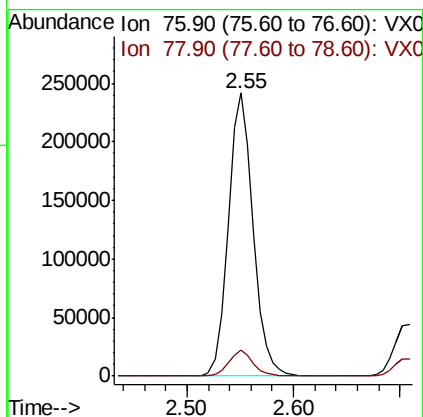
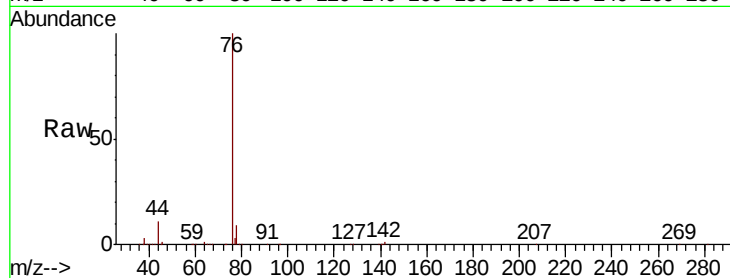




#17
Carbon Disulfide
Concen: 46.891 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

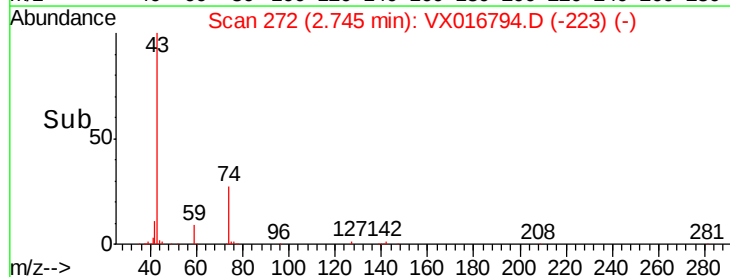
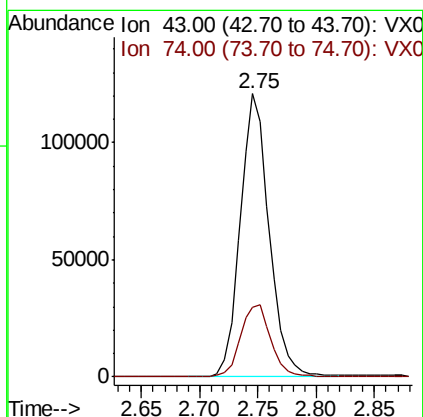
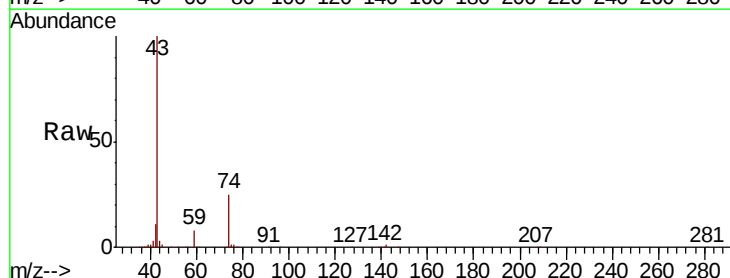
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

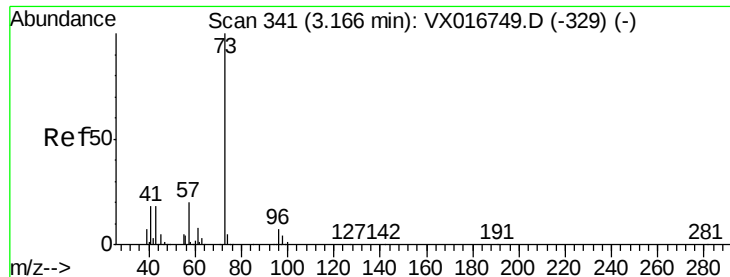
Tot Ion: 76 Resp: 392550
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 51.195 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 43 Resp: 208515
Ion Ratio Lower Upper
43 100
74 27.2 22.4 33.6



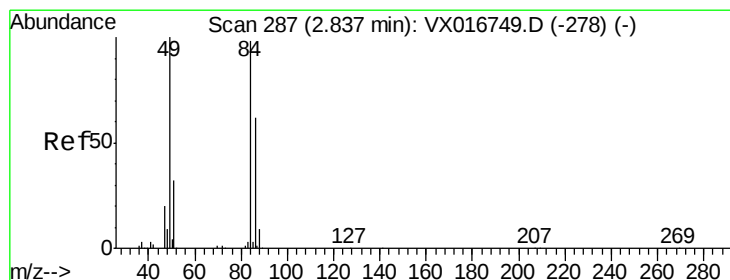
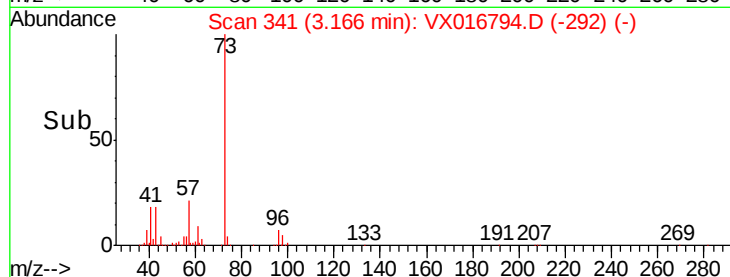
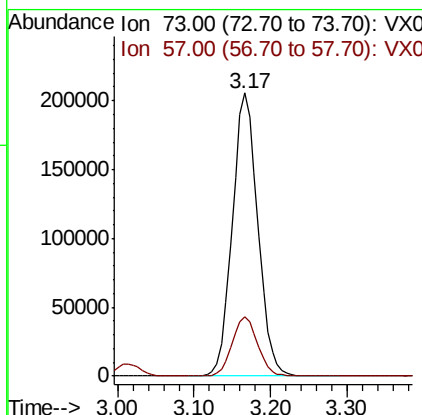
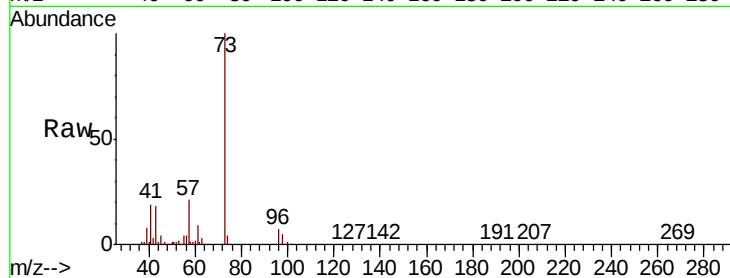


#19

Methyl tert-butyl Ether
 Concen: 47.526 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

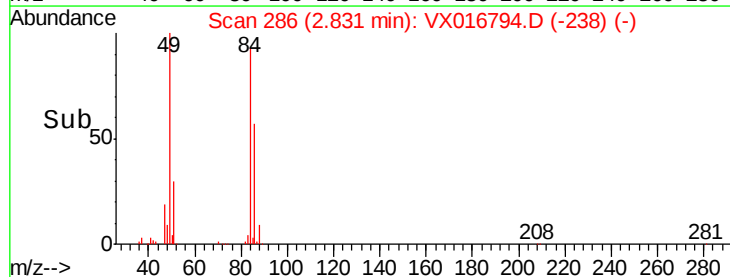
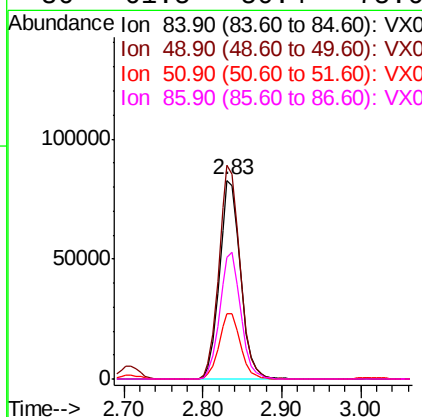
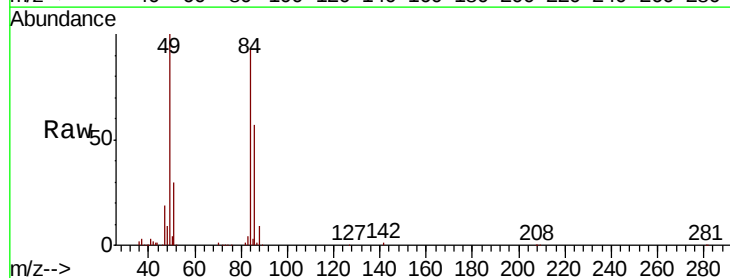
Tot Ion: 73 Resp: 473482
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.2 24.4

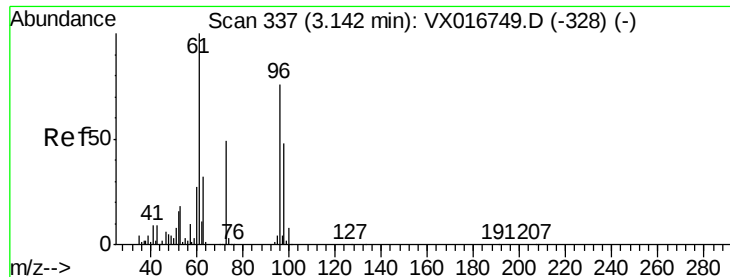


#20

Methylene Chloride
 Concen: 46.595 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion: 84 Resp: 153149
 Ion Ratio Lower Upper
 84 100
 49 107.5 81.8 122.8
 51 32.7 25.8 38.8
 86 61.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.290 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

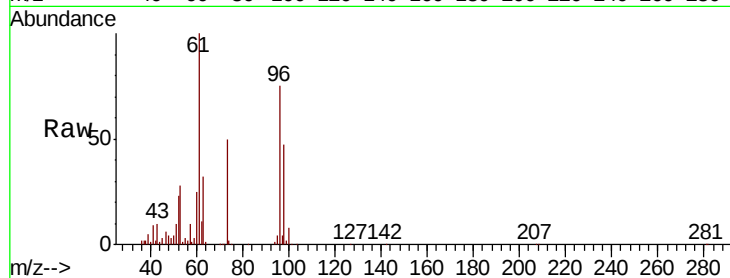
Tot Ion: 96 Resp: 154827

Ion Ratio Lower Upper

96 100

61 134.1 105.4 158.2

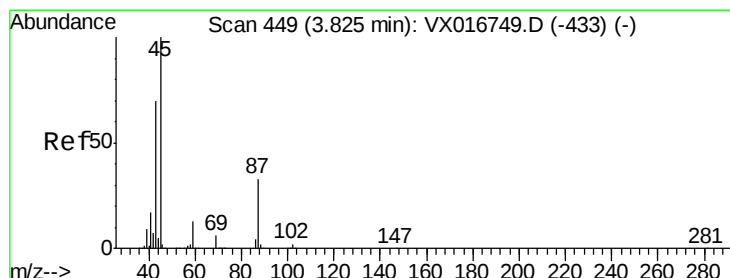
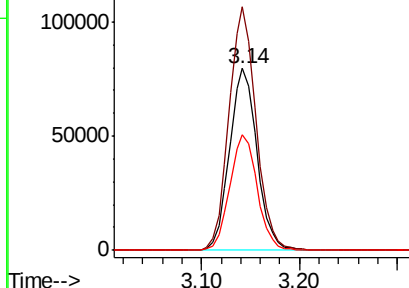
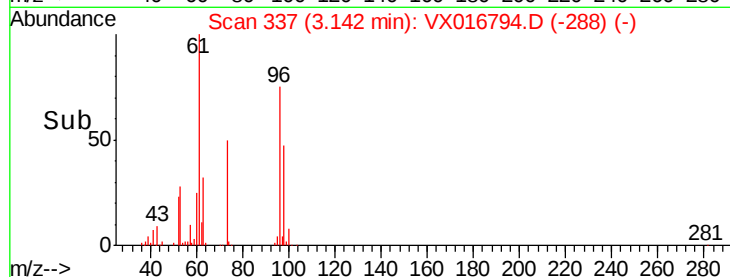
98 63.6 50.8 76.2



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: 48.595 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tgt Ion: 45 Resp: 417298

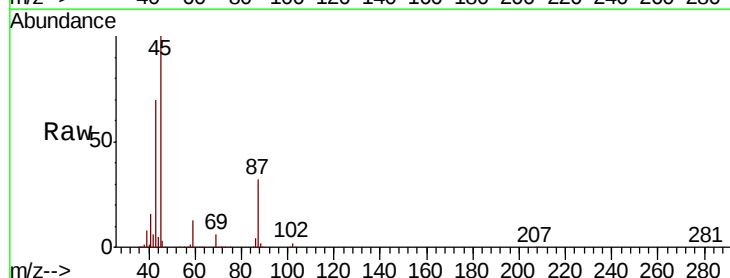
Ion Ratio Lower Upper

45 100

43 69.6 56.2 84.4

87 31.7 26.2 39.4

59 12.5 10.3 15.5

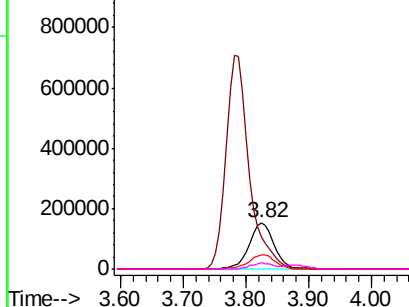
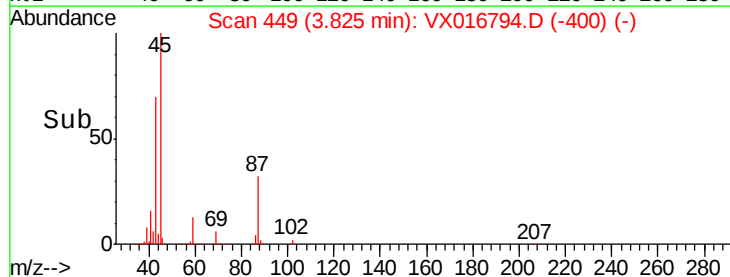


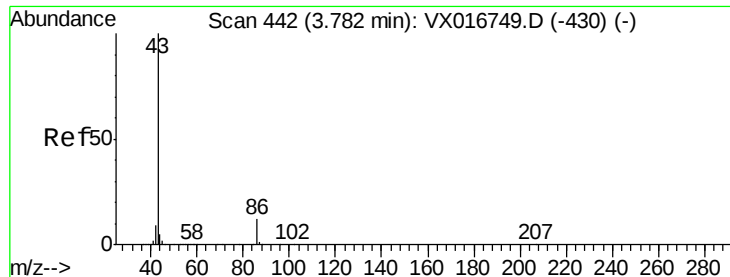
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 245.154 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

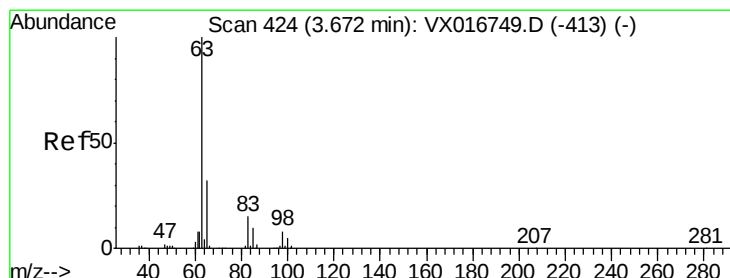
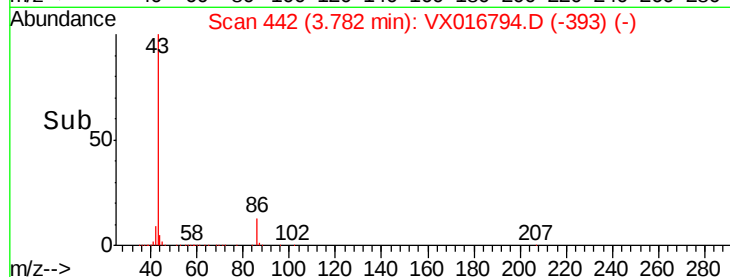
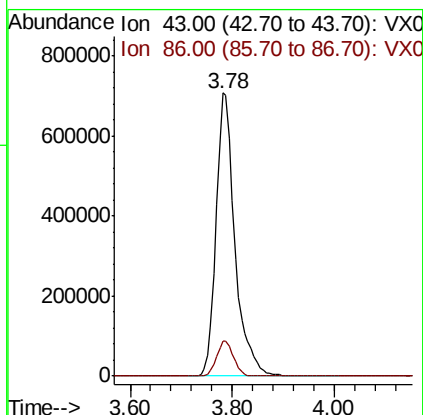
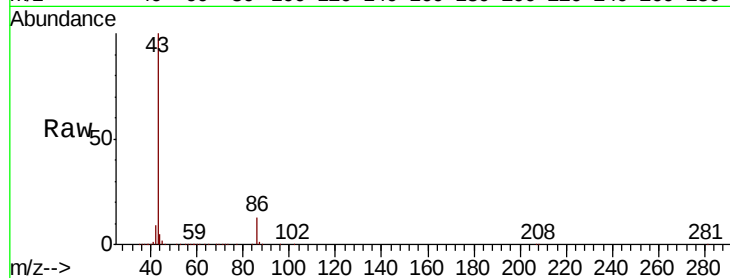
VSTDCCC050EC

Tot Ion: 43 Resp: 1819592

Ion Ratio Lower Upper

43 100

86 12.5 9.8 14.8



#24

1,1-Dichloroethane

Concen: 47.708 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

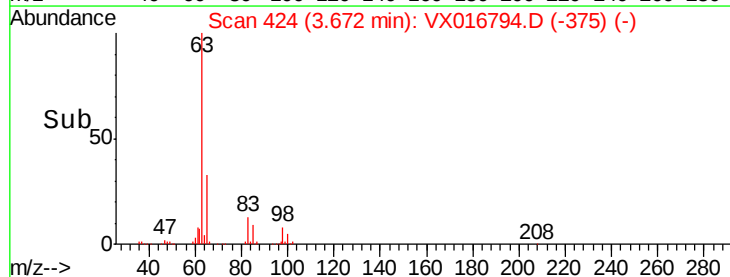
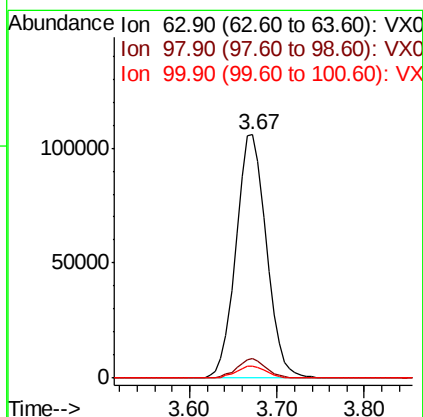
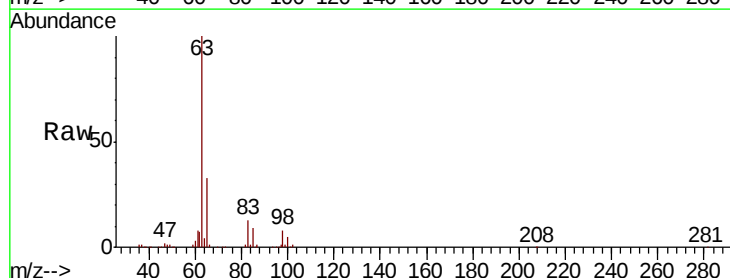
Tgt Ion: 63 Resp: 256239

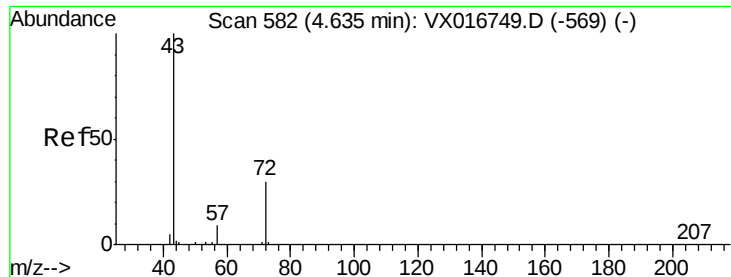
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 246.512 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

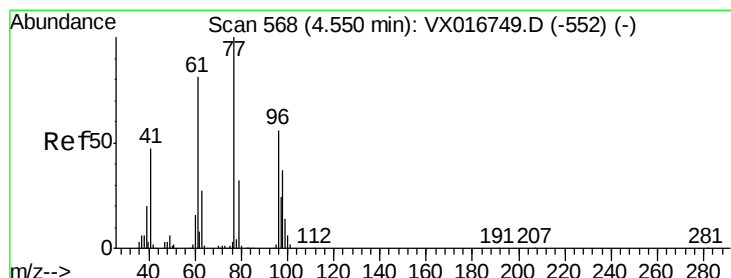
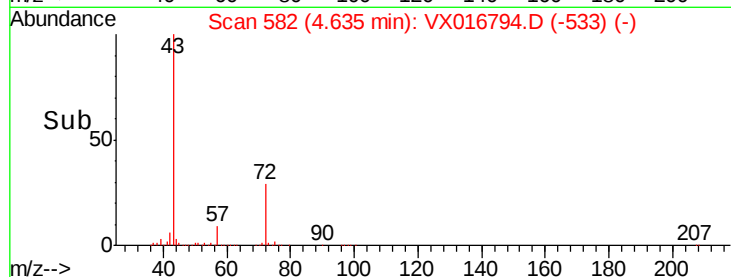
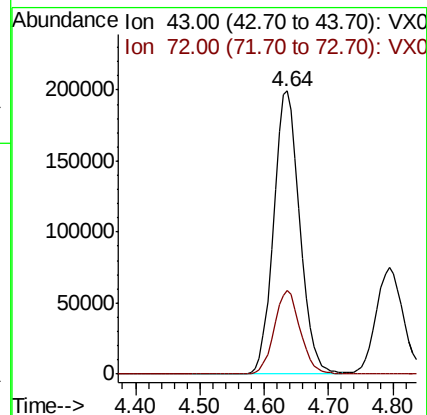
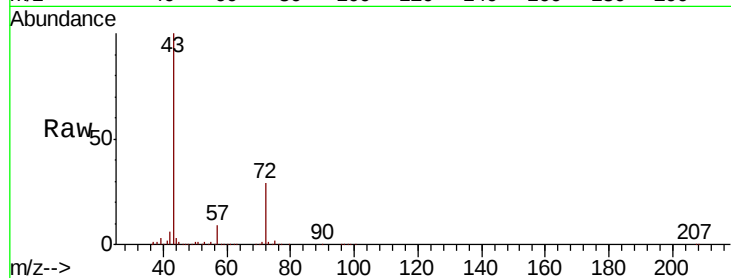
VSTDCCC050EC

Tot Ion: 43 Resp: 566908

Ion Ratio Lower Upper

43 100

72 29.4 24.2 36.4



#26

2,2-Dichloropropane

Concen: 42.713 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016794.D

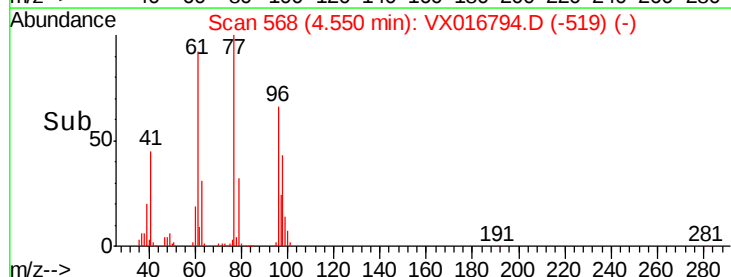
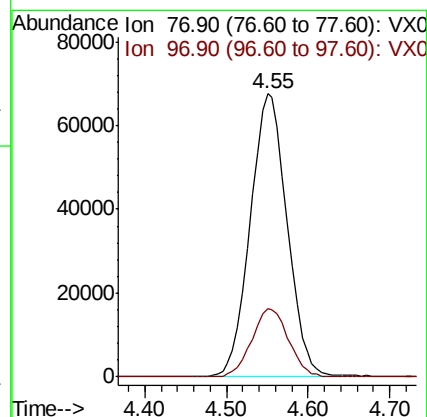
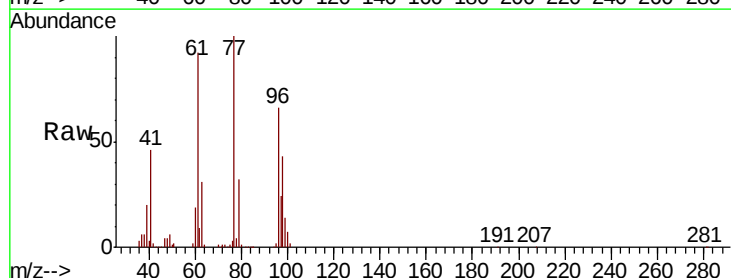
Acq: 16 Jun 2020 20:47

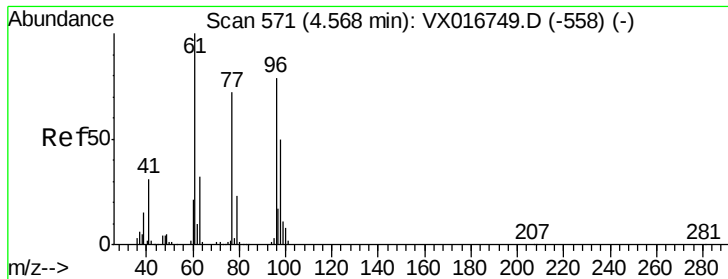
Tgt Ion: 77 Resp: 212424

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.4



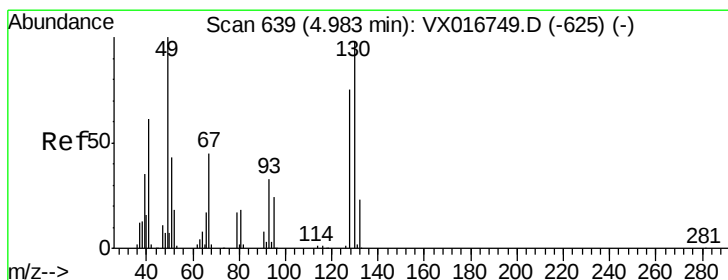
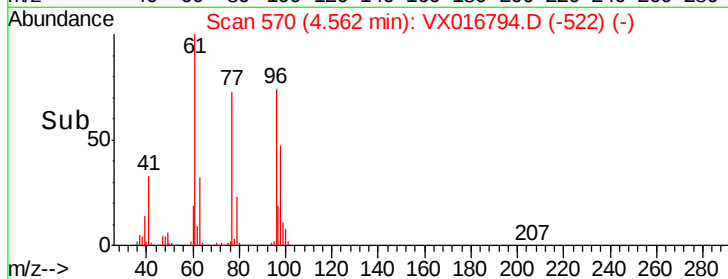
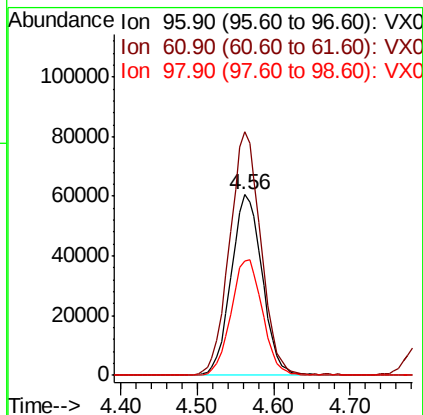
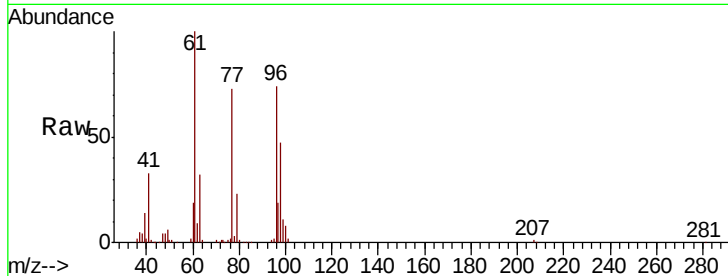


#27

cis-1,2-Dichloroethene
Concen: 47.460 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

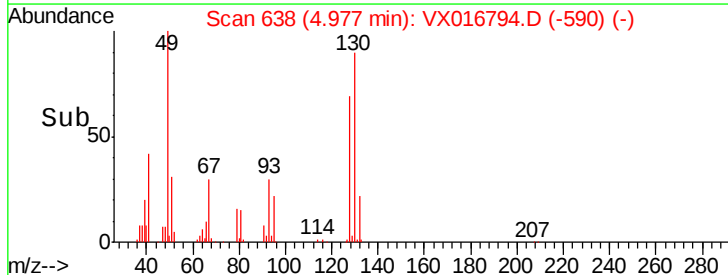
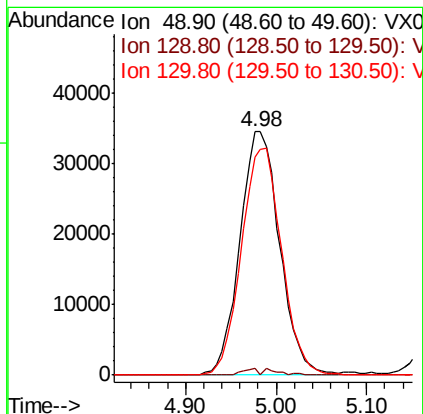
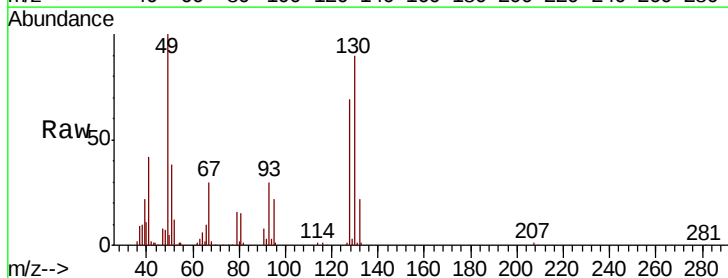
Tot Ion: 96 Resp: 170392
Ion Ratio Lower Upper
96 100
61 136.1 0.0 276.2
98 64.7 0.0 130.0

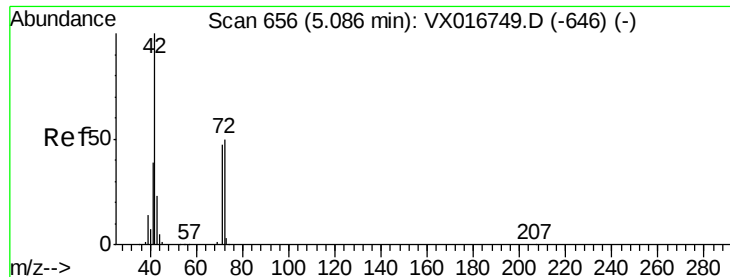


#28

Bromochloromethane
Concen: 45.782 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 49 Resp: 104893
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.8
130 0.0 76.0 114.0#





#29

Tetrahydrofuran

Concen: 247.019 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

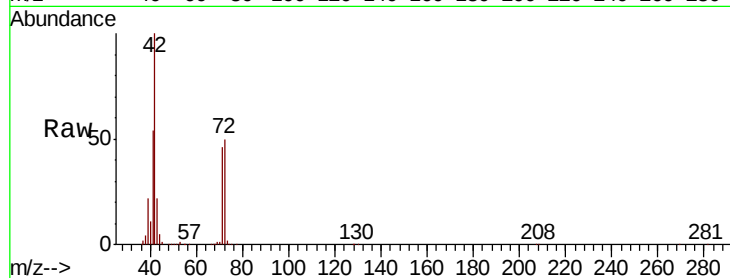
Tot Ion: 42 Resp: 368006

Ion Ratio Lower Upper

42 100

72 51.2 41.0 61.6

71 47.6 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

150000

100000

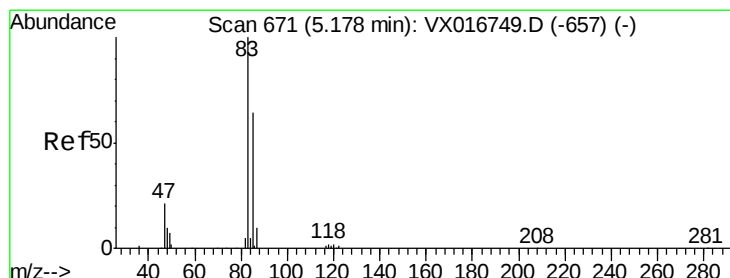
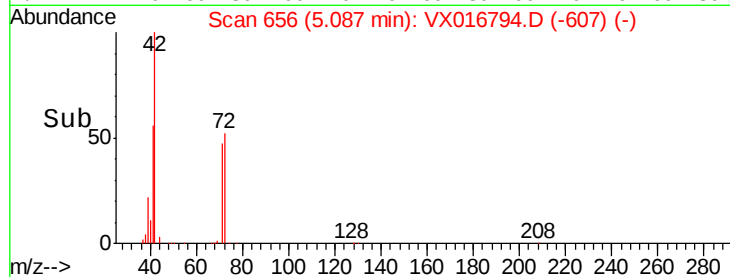
50000

0

5.09

5.00 5.10 5.20 5.30

Time-->



#30

Chloroform

Concen: 46.492 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016794.D

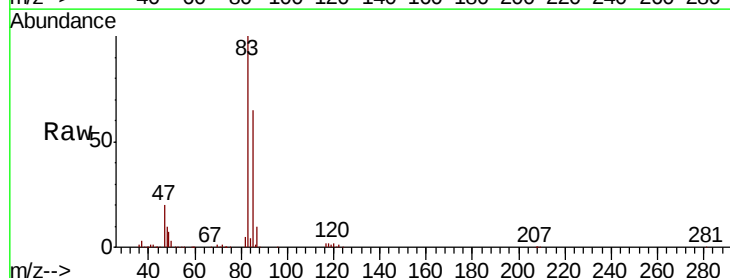
Acq: 16 Jun 2020 20:47

Tgt Ion: 83 Resp: 264177

Ion Ratio Lower Upper

83 100

85 65.0 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

100000

80000

60000

40000

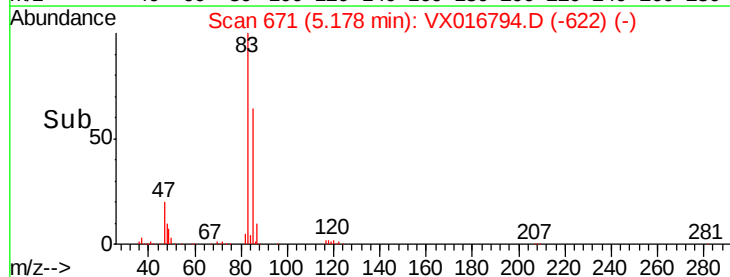
20000

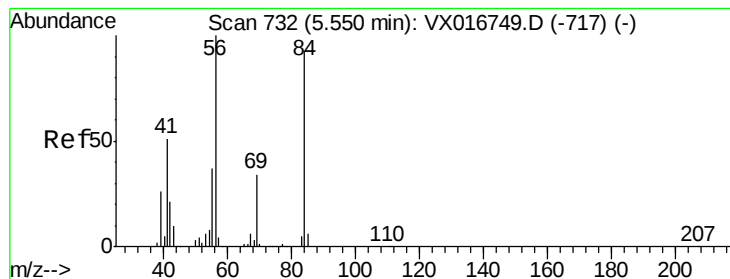
0

5.18

5.00 5.10 5.20 5.30

Time-->





#31

Cyclohexane

Concen: 50.103 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

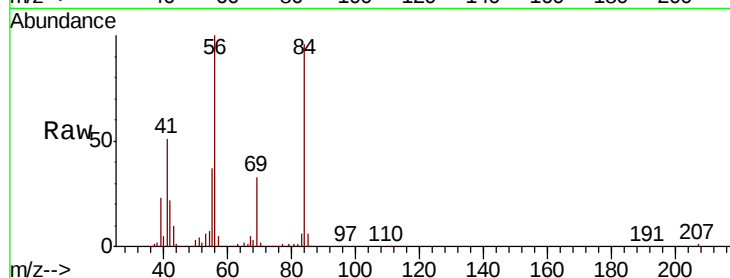
Tot Ion: 56 Resp: 216695

Ion Ratio Lower Upper

56 100

69 32.6 27.1 40.7

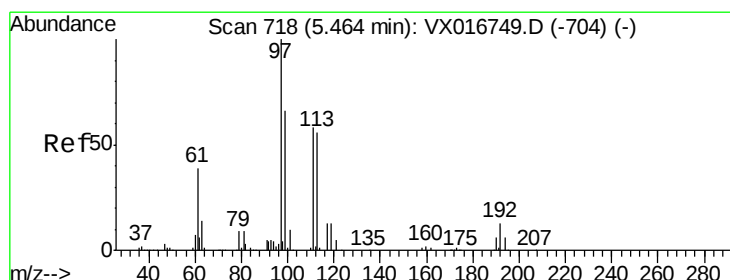
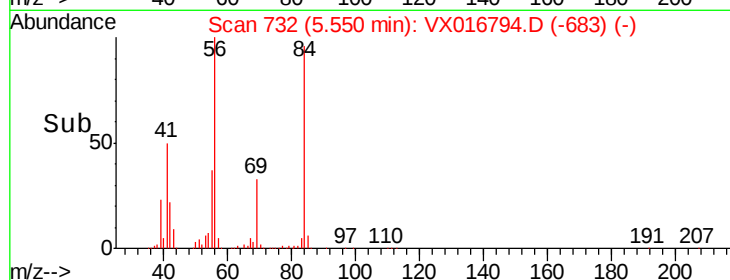
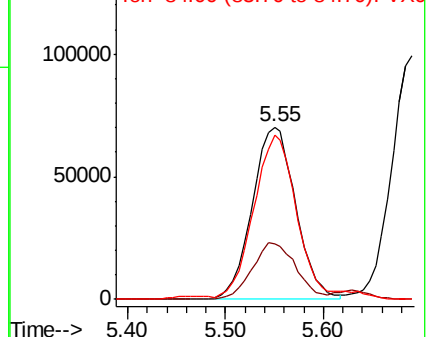
84 93.9 74.0 111.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.649 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

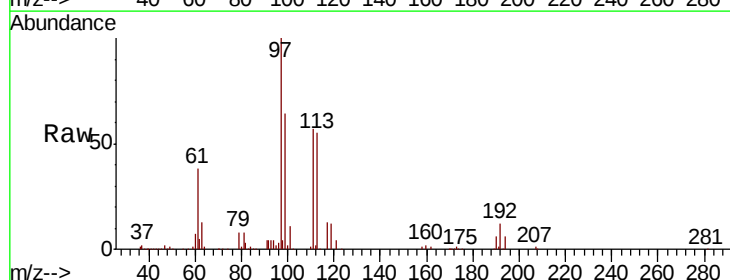
Tgt Ion: 97 Resp: 245681

Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

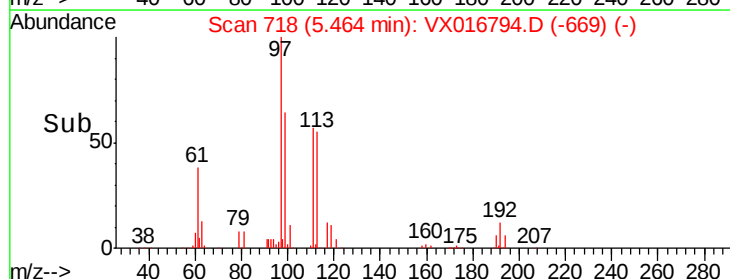
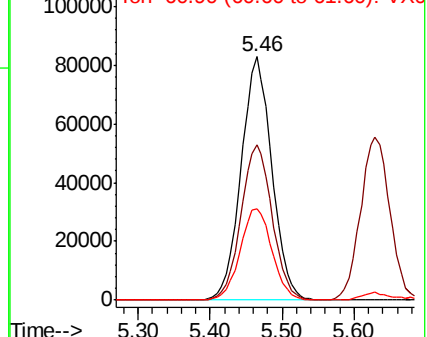
61 39.0 31.3 46.9

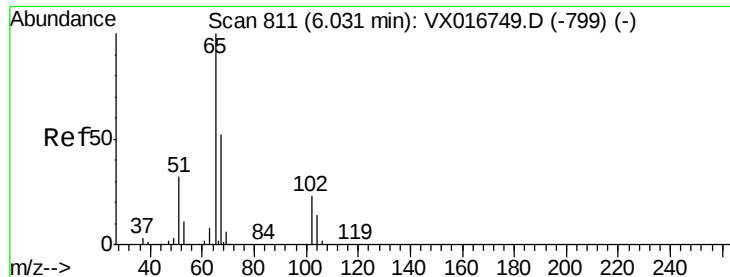


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.243 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

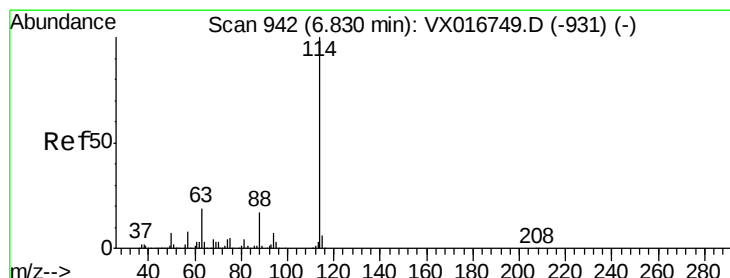
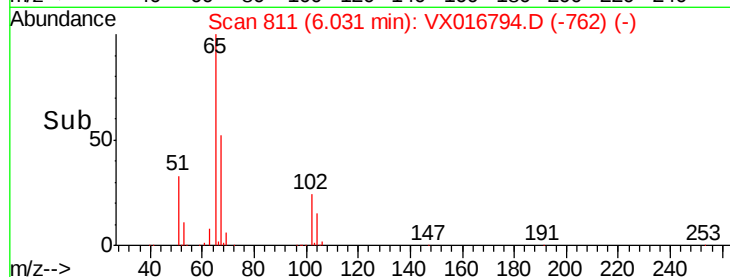
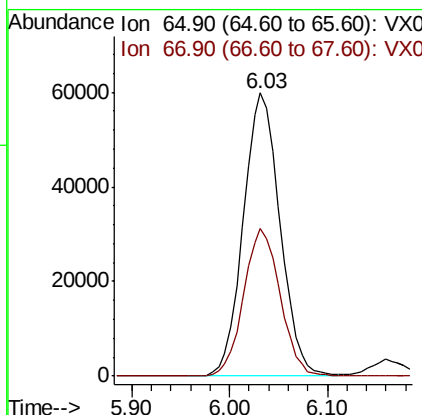
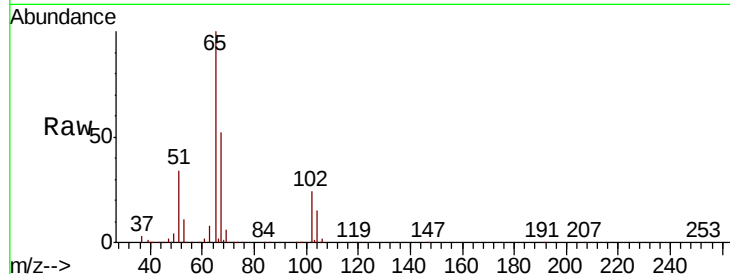
Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 155539

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

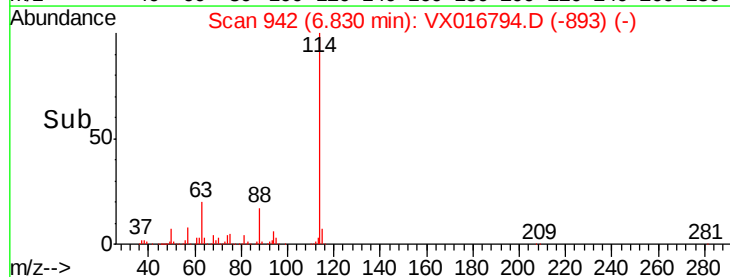
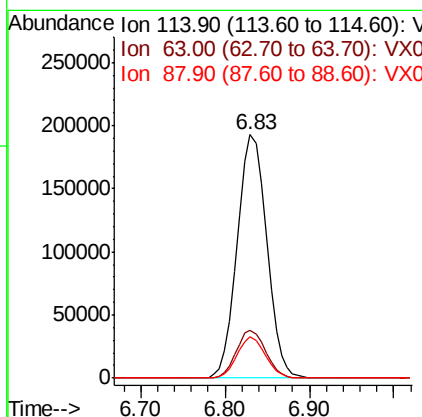
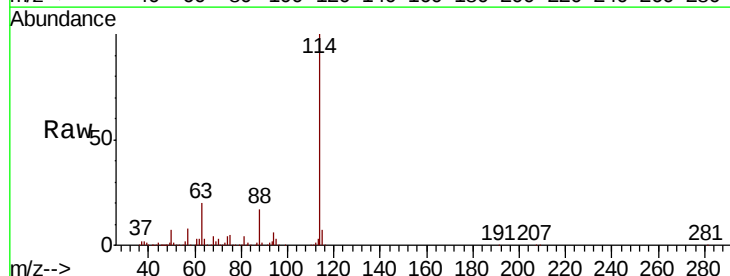
Delta R.T. 0.00 min

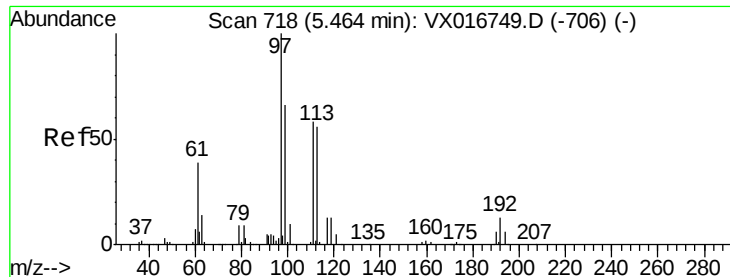
Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tgt Ion: 114 Resp: 457152

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.8
88	17.2	0.0	33.4

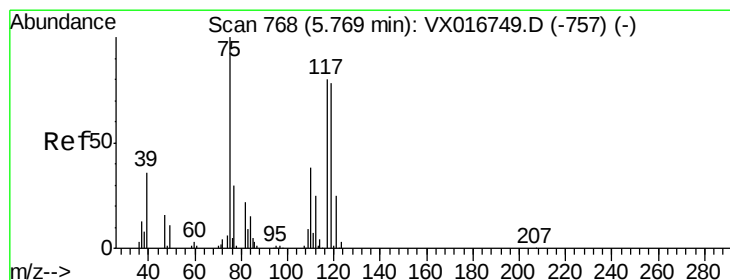
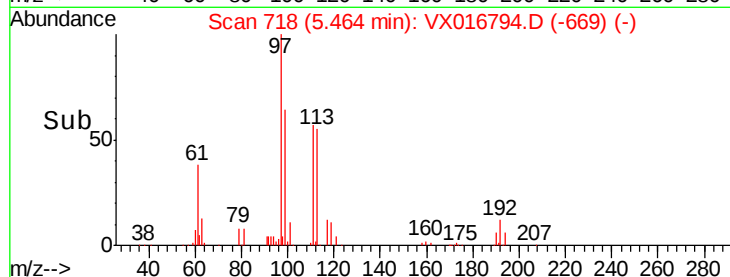
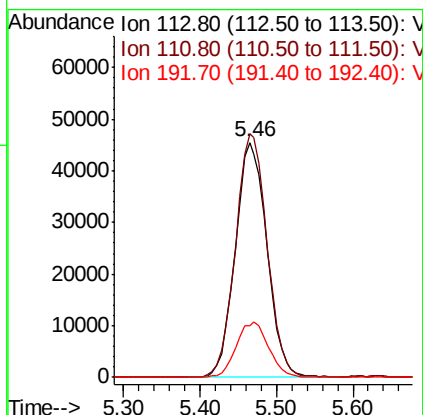
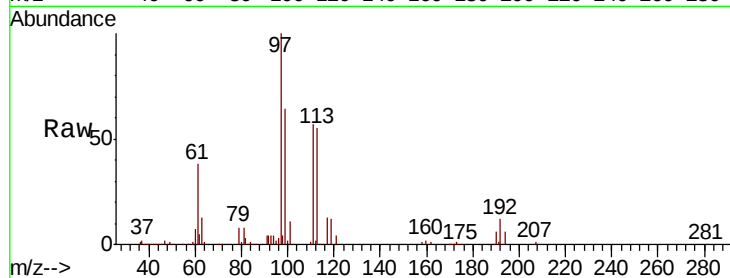




#35
 Dibromofluoromethane
 Concen: 46.244 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

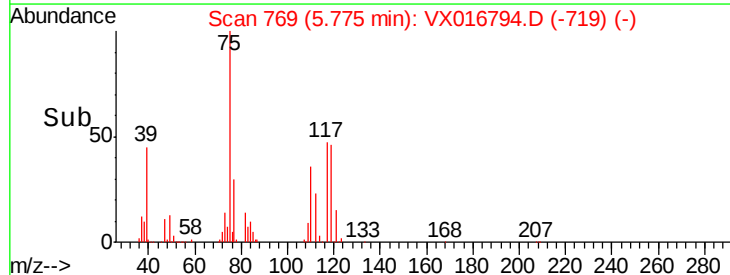
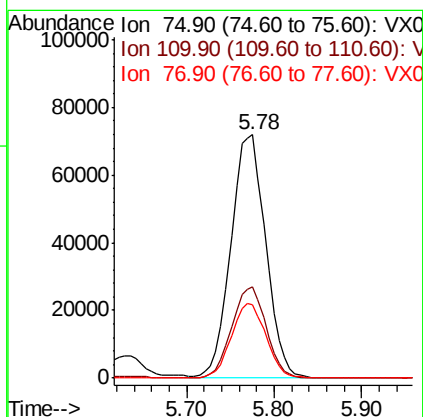
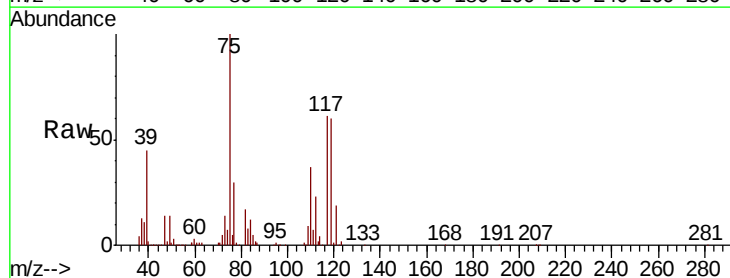
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

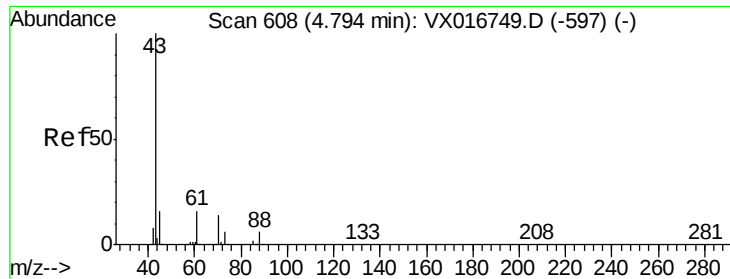
Tot Ion:113 Resp: 130435
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.6
 192 23.9 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 49.077 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion: 75 Resp: 198270
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.4 55.2
 77 30.5 24.7 37.1

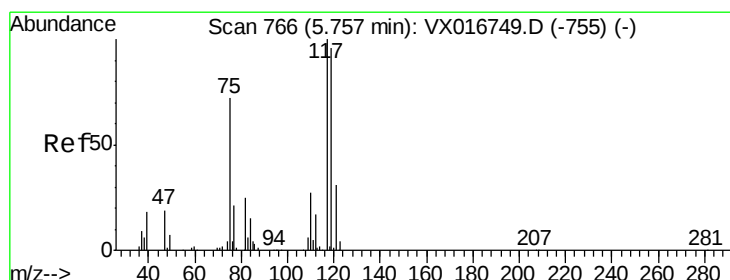
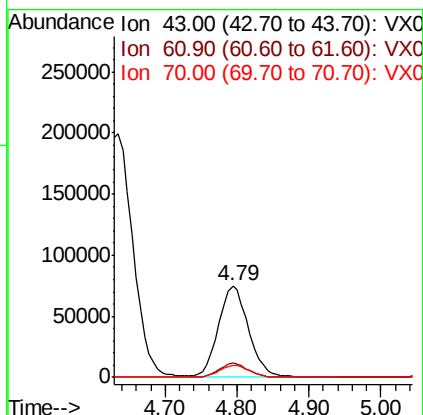
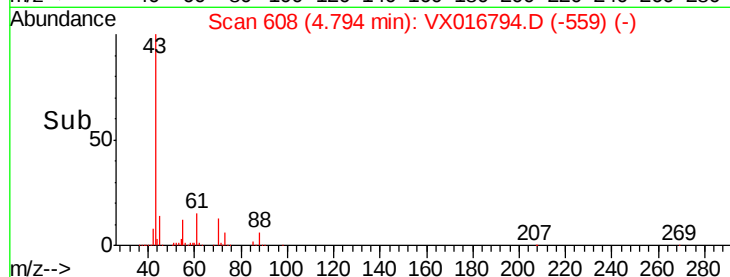
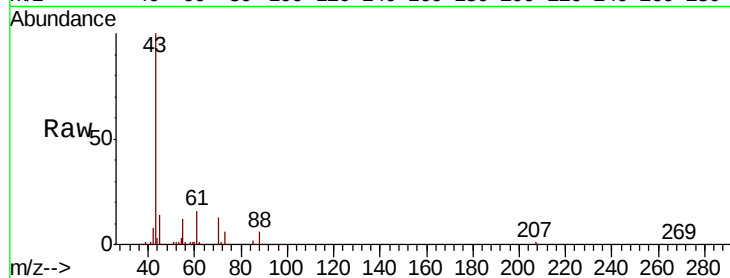




#37
Ethyl Acetate
Concen: 49.306 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

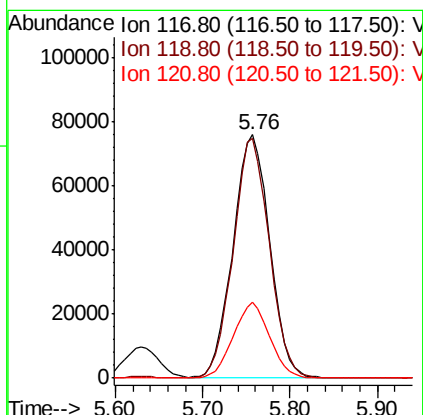
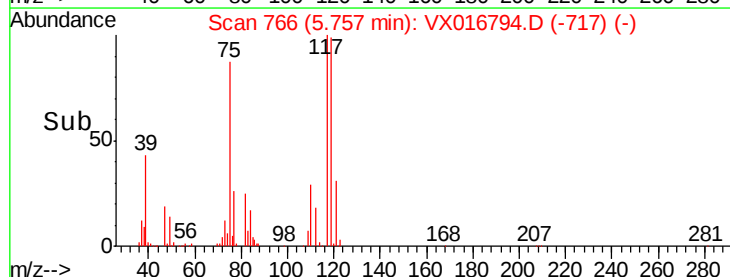
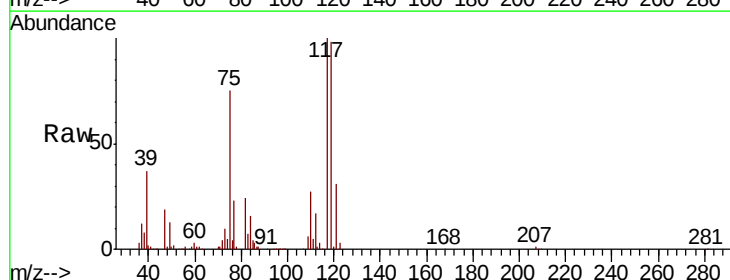
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

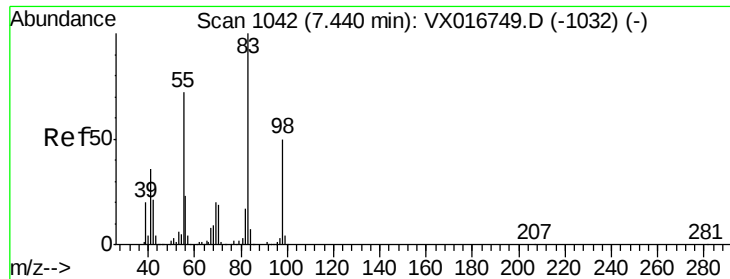
Tot Ion: 43 Resp: 218143
Ion Ratio Lower Upper
43 100
61 15.1 12.4 18.6
70 13.1 10.8 16.2



#38
Carbon Tetrachloride
Concen: 48.410 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 117 Resp: 222113
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1
121 31.1 24.7 37.1

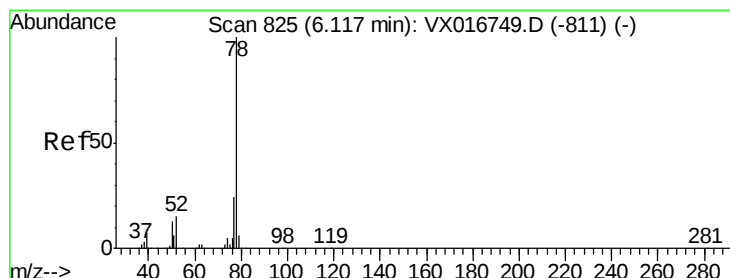
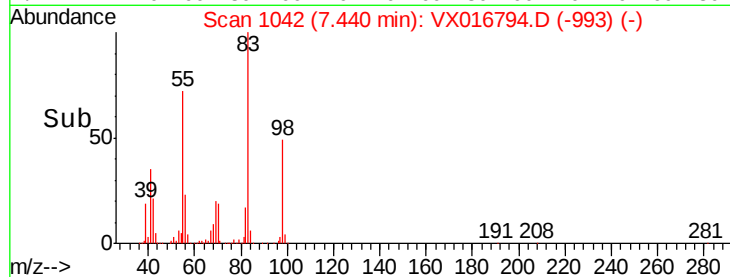
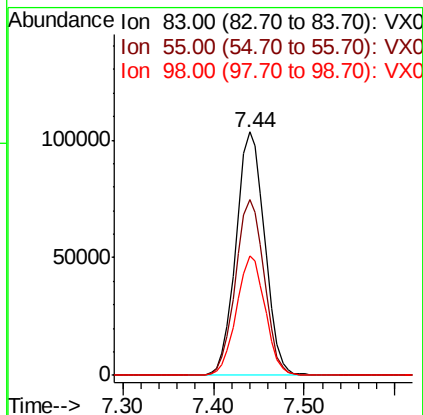
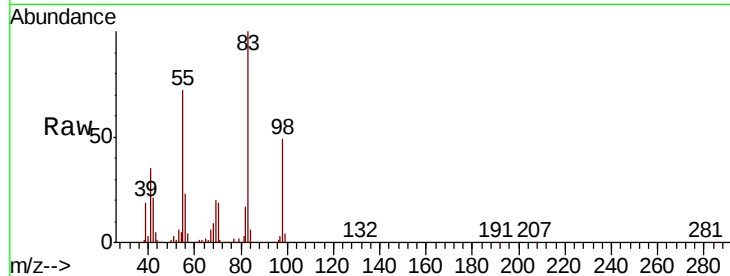




#39
Methvlcvclohexane
Concen: 48.517 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

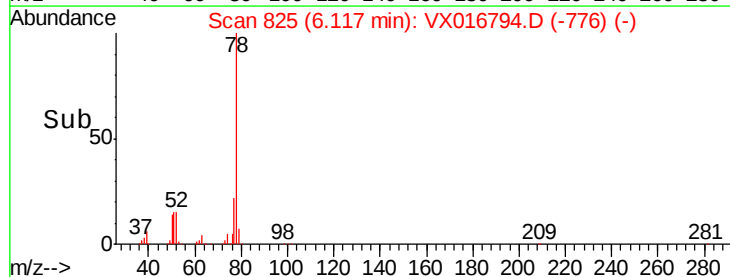
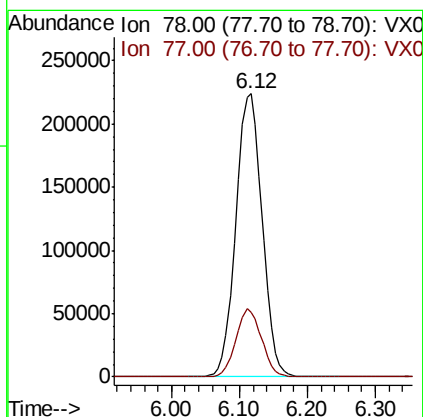
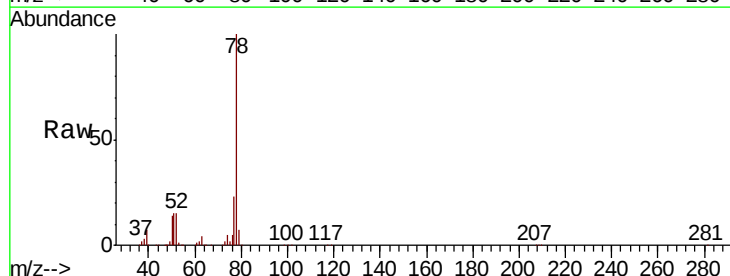
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

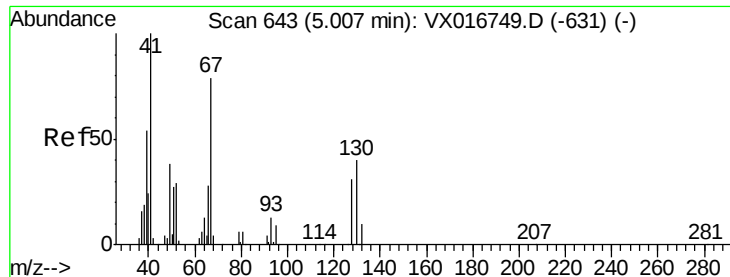
Tot Ion: 83 Resp: 227153
Ion Ratio Lower Upper
83 100
55 72.1 57.3 85.9
98 49.1 40.3 60.5



#40
Benzene
Concen: 48.804 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 78 Resp: 600312
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

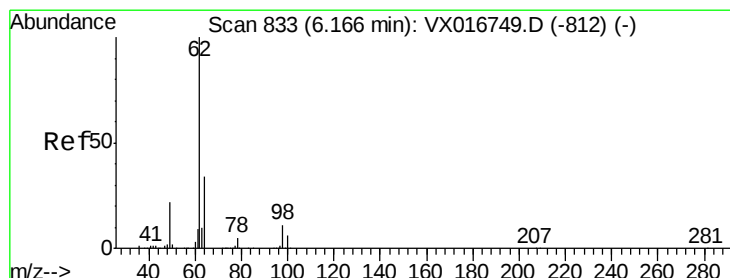
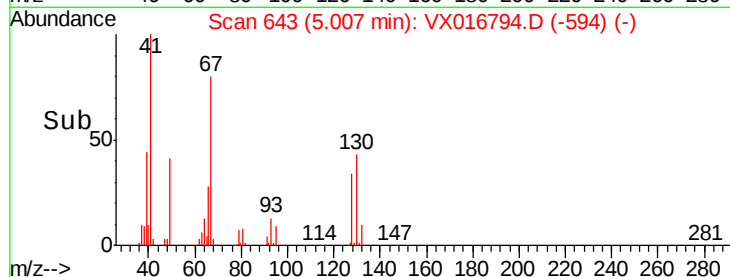
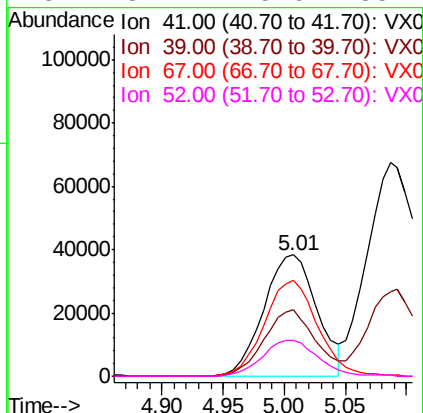
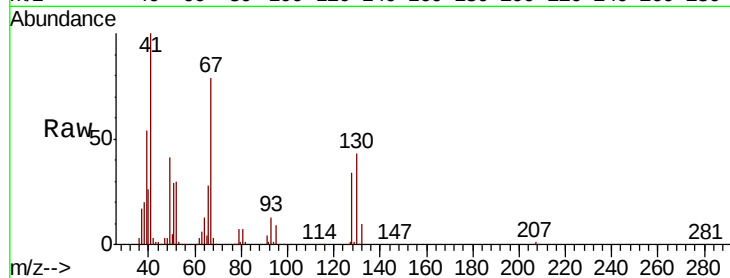




#41
Methacrylonitrile
Concen: 49.140 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

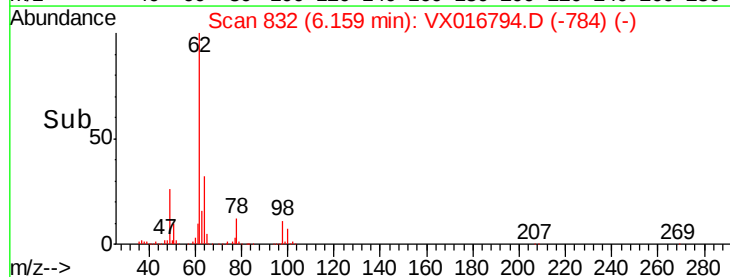
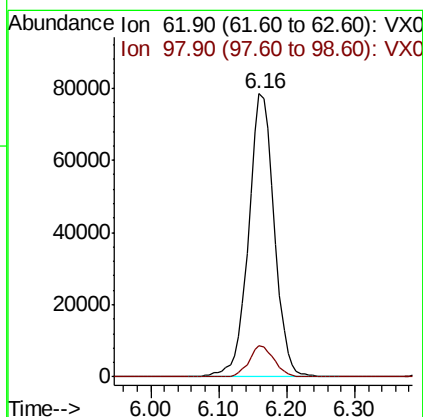
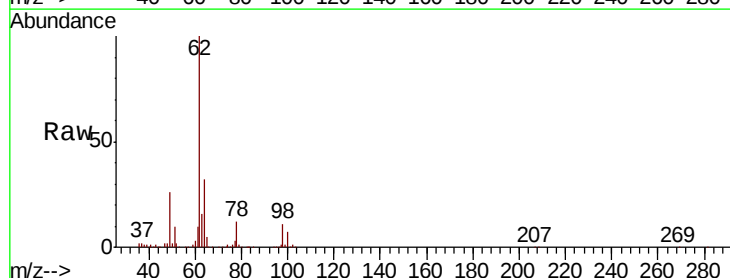
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

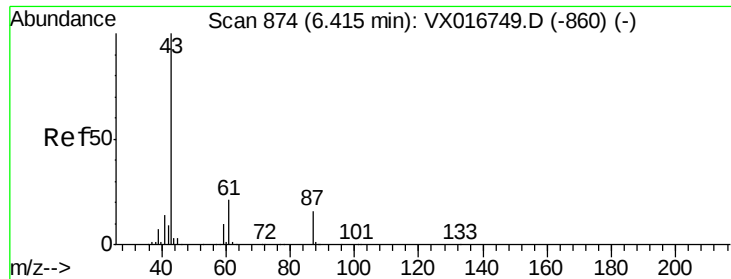
Tot Ion:	41	Resp:	115921
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.7	65.5
67	79.4	64.6	96.8
52	31.2	25.6	38.4



#42
1,2-Dichloroethane
Concen: 46.142 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion:	62	Resp:	207151
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2



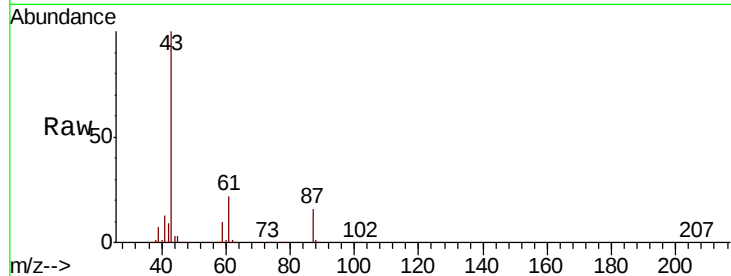


#43

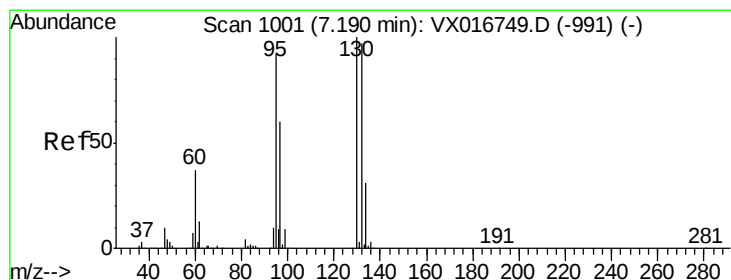
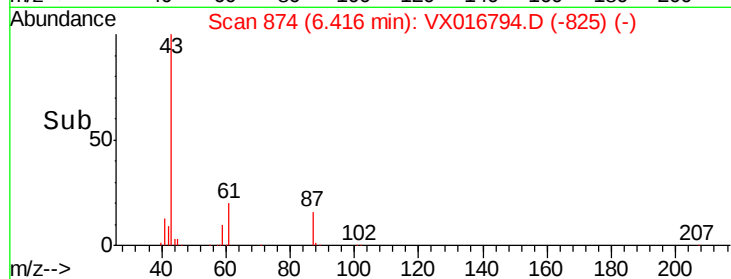
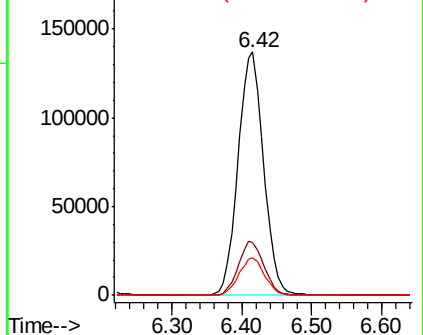
Isopropyl Acetate
 Concen: 49.809 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 345377
 Ion Ratio Lower Upper
 43 100
 61 22.4 17.7 26.5
 87 15.5 12.5 18.7



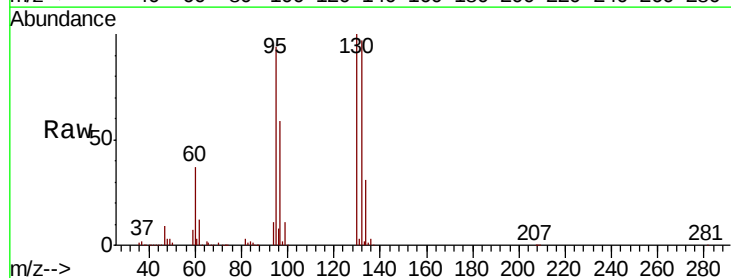
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



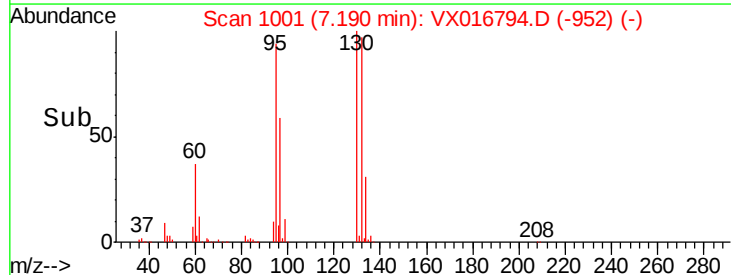
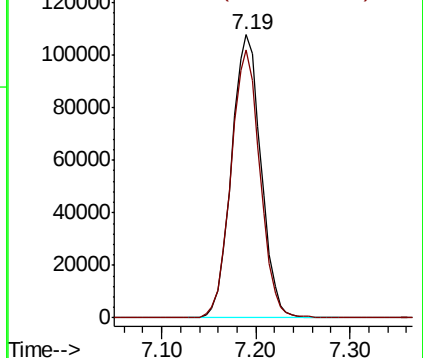
#44

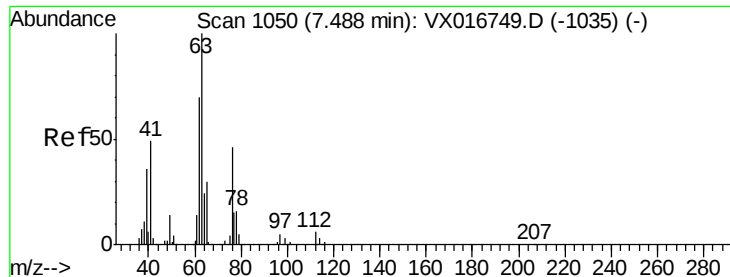
Trichloroethene
 Concen: 61.351 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion:130 Resp: 233430
 Ion Ratio Lower Upper
 130 100
 95 94.5 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.499 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

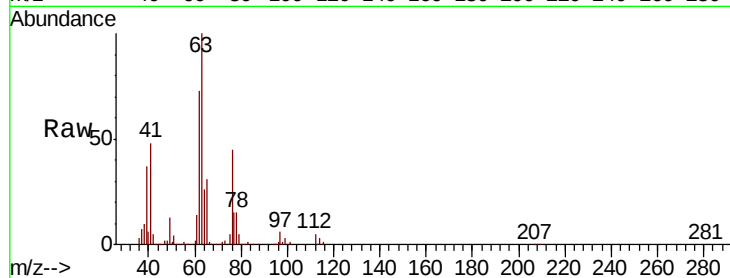
VSTDCCC050EC

Tot Ion: 63 Resp: 149252

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

60000

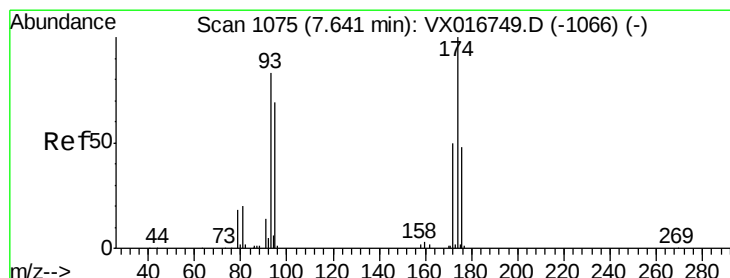
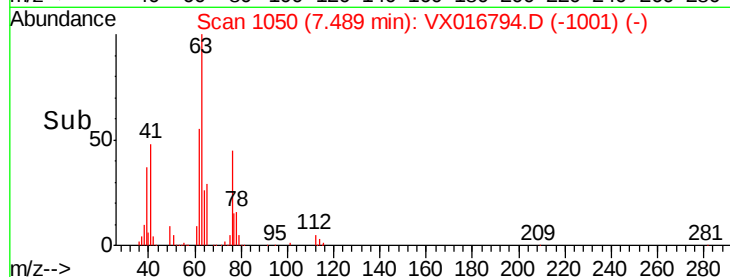
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 47.065 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

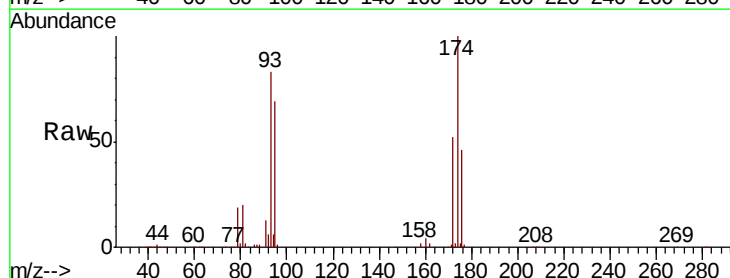
Tgt Ion: 93 Resp: 103433

Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

174 121.2 93.8 140.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

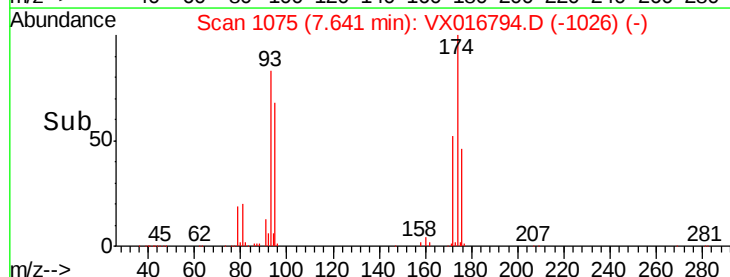
40000

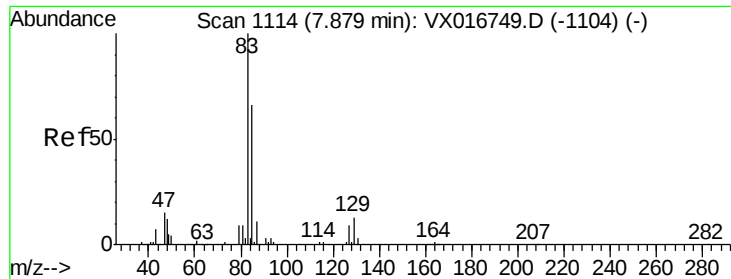
20000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 47.157 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

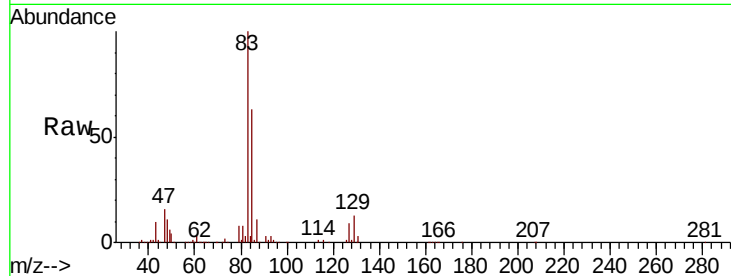
Tot Ion: 83 Resp: 216058

Ion Ratio Lower Upper

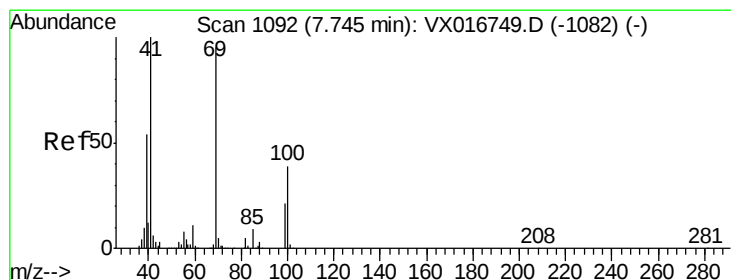
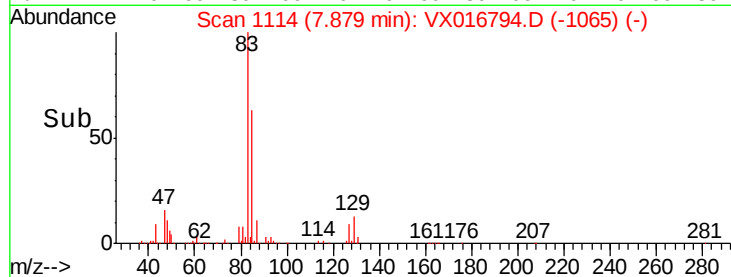
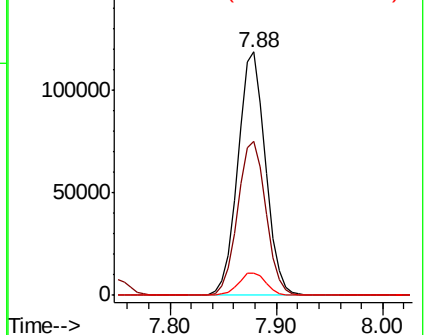
83 100

85 63.2 52.5 78.7

127 8.9 7.5 11.3



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: 50.590 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

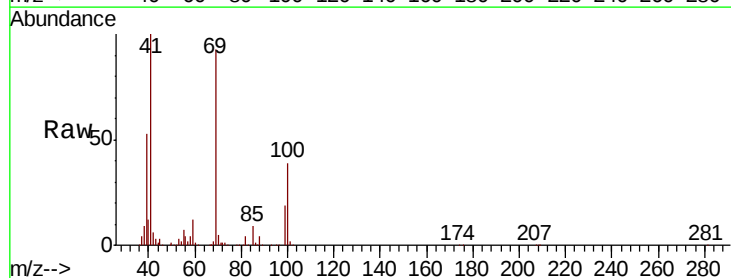
Tgt Ion: 41 Resp: 166263

Ion Ratio Lower Upper

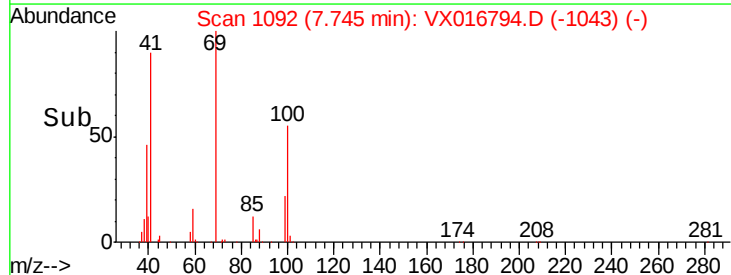
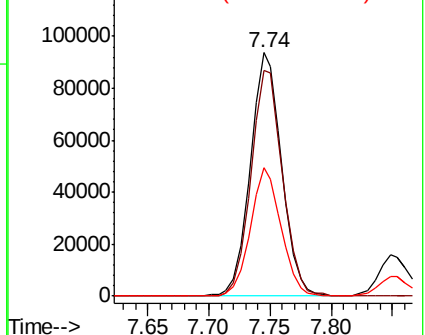
41 100

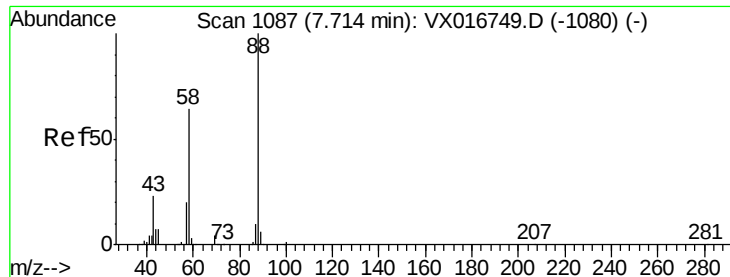
69 94.2 75.0 112.6

39 51.7 44.3 66.5



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: 975.240 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

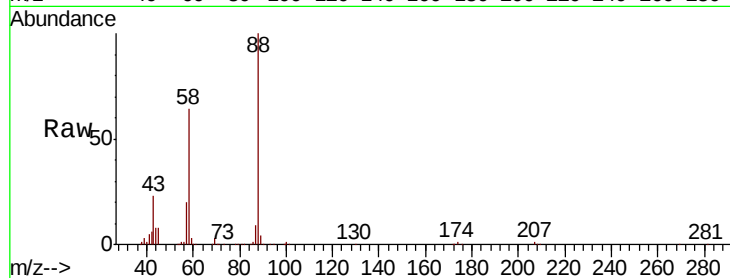
Tot Ion: 88 Resp: 79317

Ion Ratio Lower Upper

88 100

43 27.6 22.9 34.3

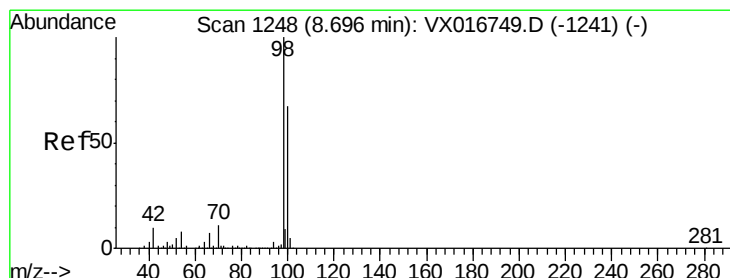
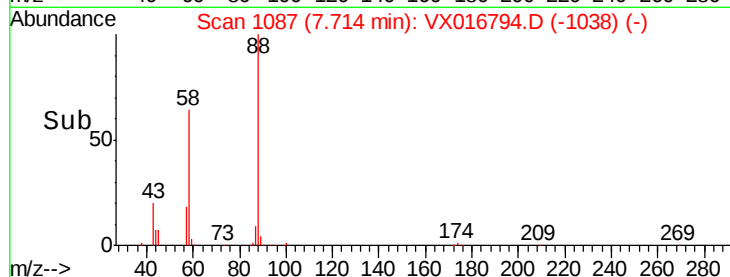
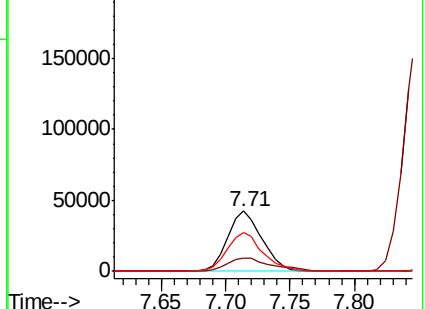
58 67.6 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.495 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016794.D

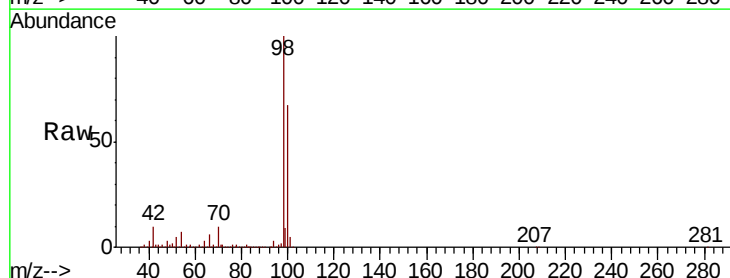
Acq: 16 Jun 2020 20:47

Tgt Ion: 98 Resp: 504356

Ion Ratio Lower Upper

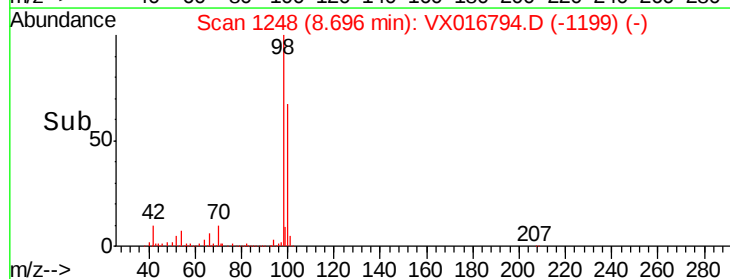
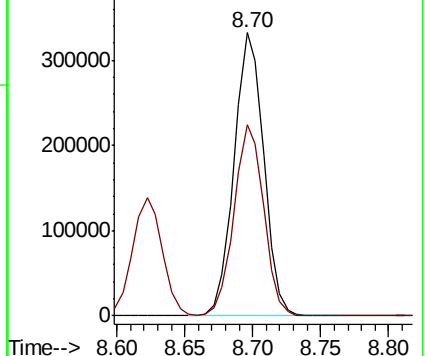
98 100

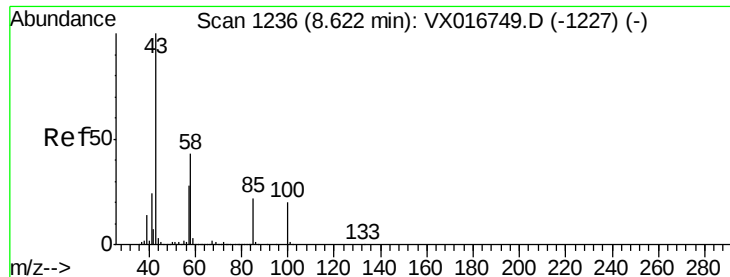
100 67.4 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

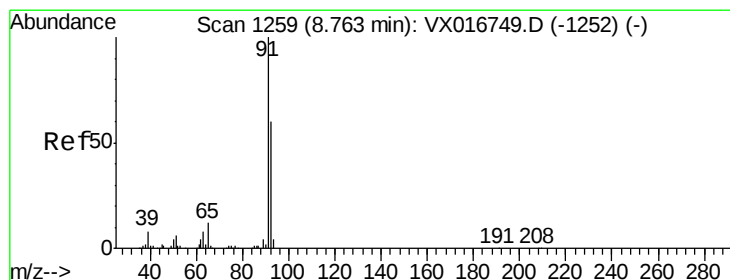
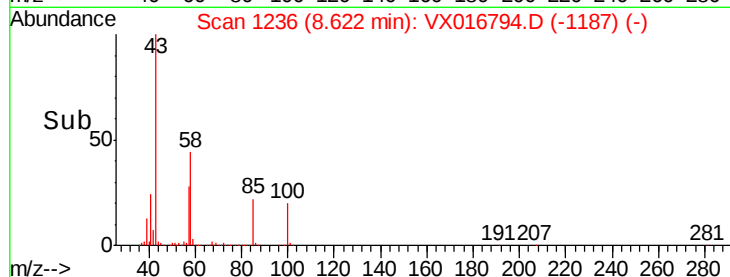
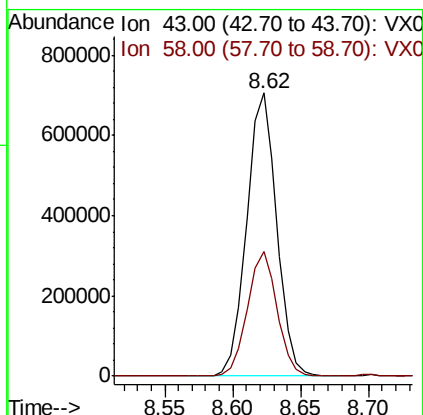
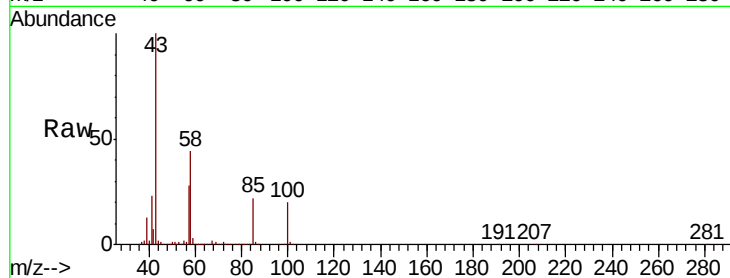




#51
4-Methyl-2-Pentanone
Concen: 254.679 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

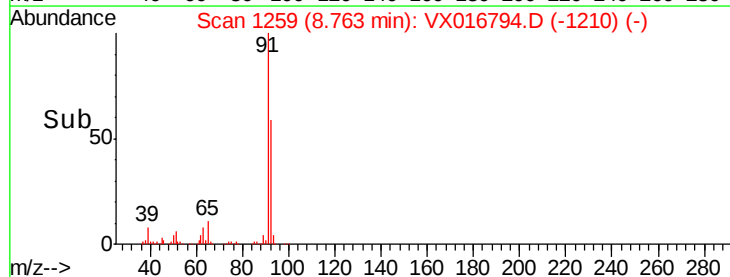
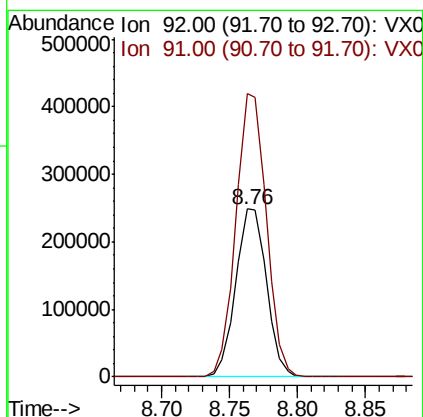
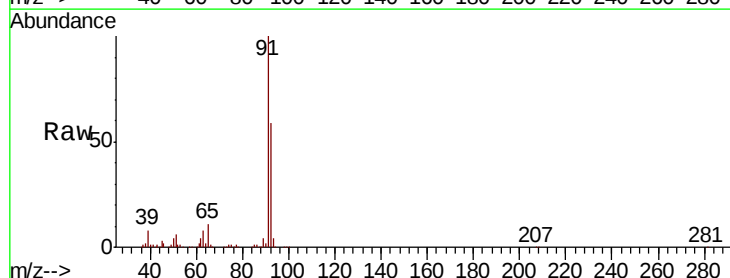
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

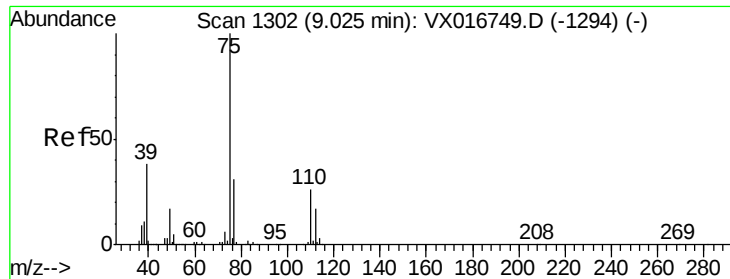
Tot Ion: 43 Resp: 1088195
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0



#52
Toluene
Concen: 49.095 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 92 Resp: 392261
Ion Ratio Lower Upper
92 100
91 167.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 47.963 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

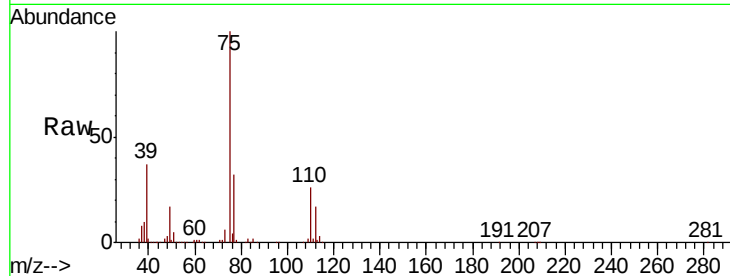
VSTDCCC050EC

Tot Ion: 75 Resp: 248203

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

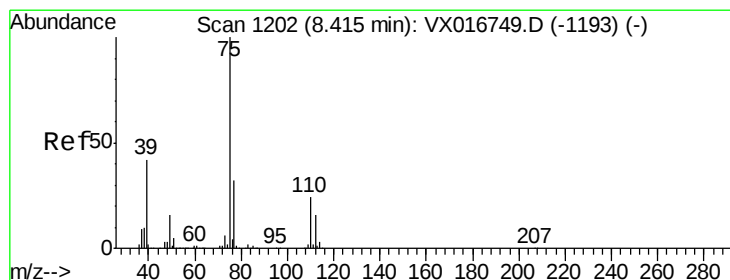
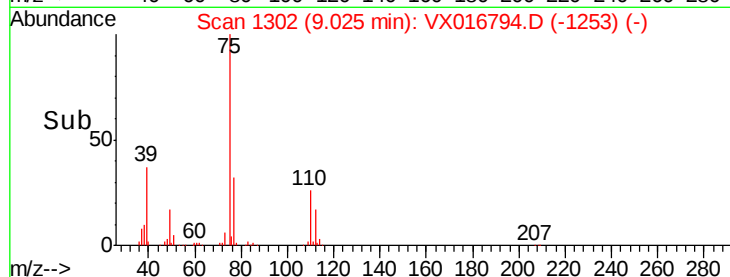
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 48.207 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

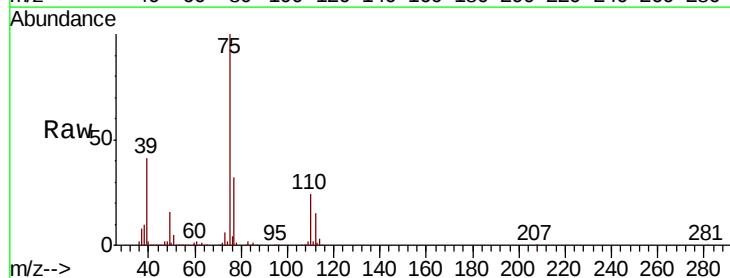
Tgt Ion: 75 Resp: 260215

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 41.3 33.7 50.5



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

200000

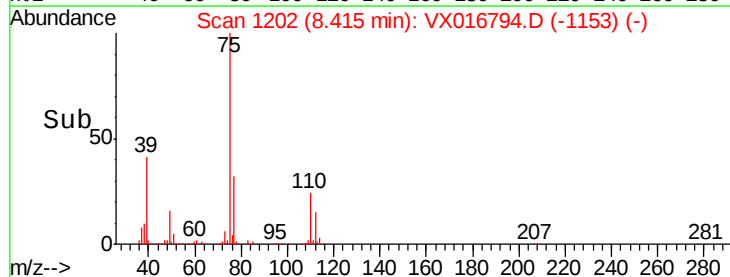
150000

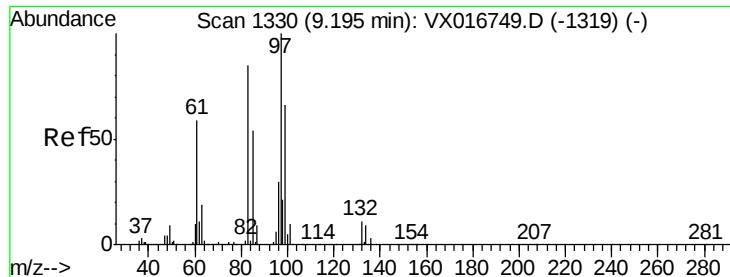
100000

50000

0

Time--> 8.30 8.35 8.40 8.45 8.50

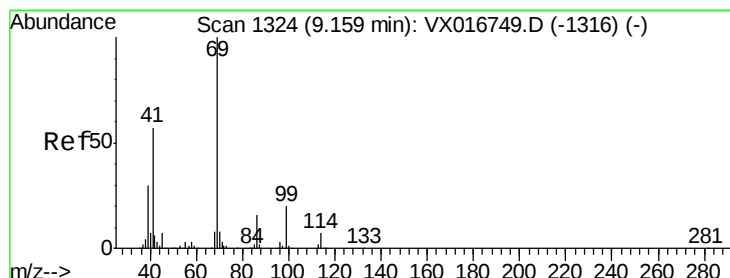
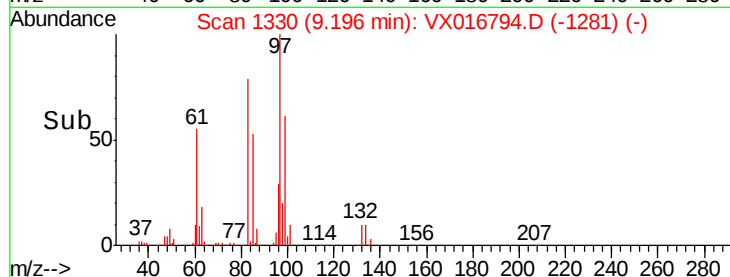
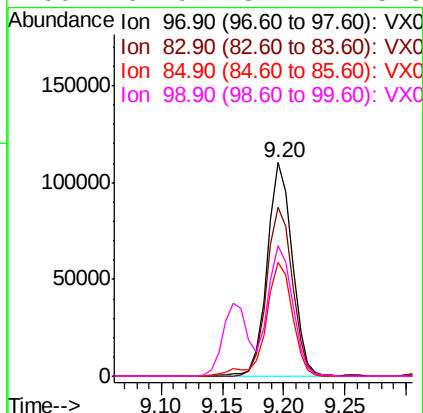
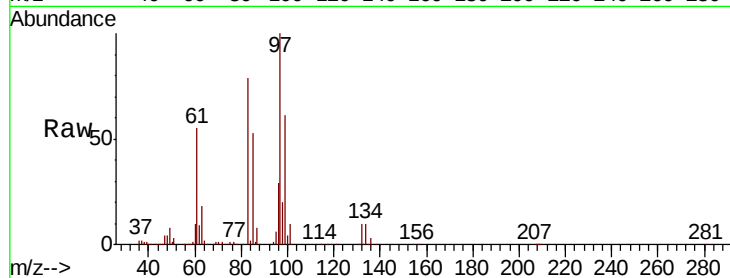




#55
 1,1,2-Trichloroethane
 Concen: 49.193 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

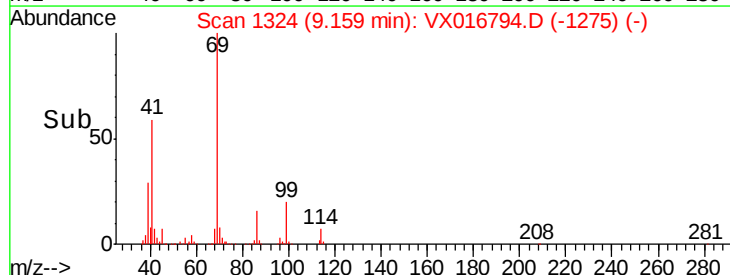
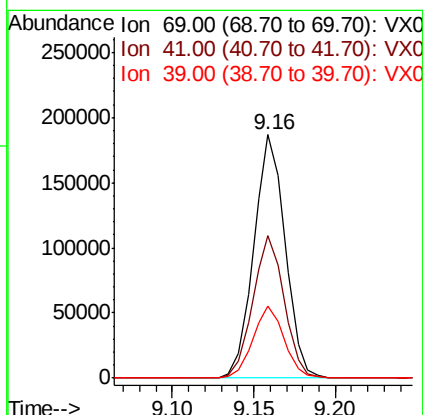
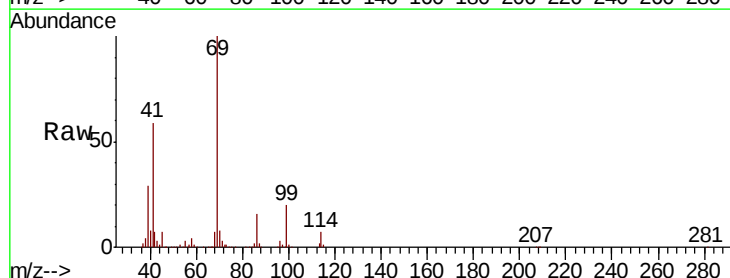
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

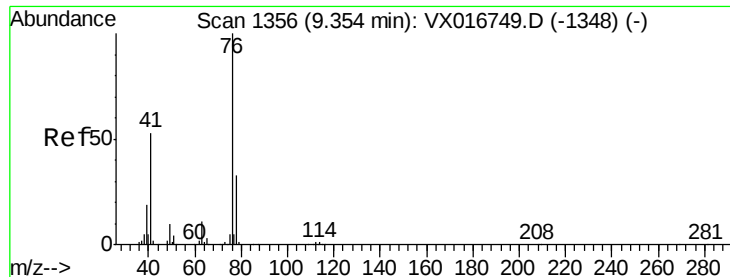
Tot Ion:	97	Resp:	158065
Ion	Ratio	Lower	Upper
97	100		
83	79.4	68.3	102.5
85	53.5	43.5	65.3
99	61.0	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 51.971 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion:	69	Resp:	250025
Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.1	70.7
39	29.7	25.0	37.6





#57

1,3-Dichloropropane

Concen: 48.261 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

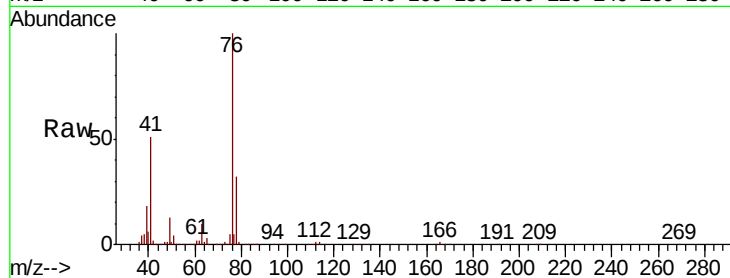
VSTDCCC050EC

Tot Ion: 76 Resp: 260669

Ion Ratio Lower Upper

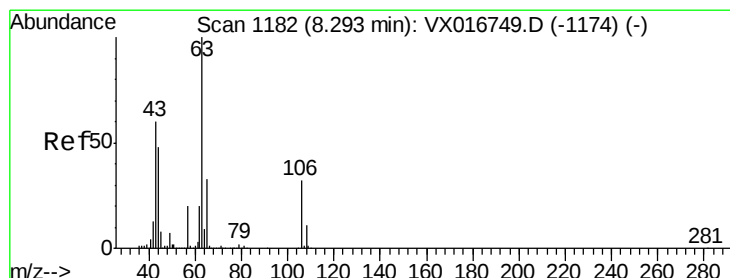
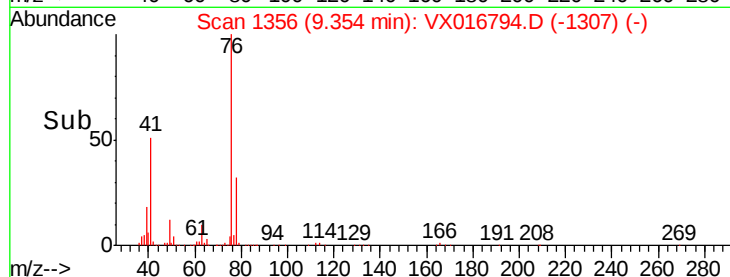
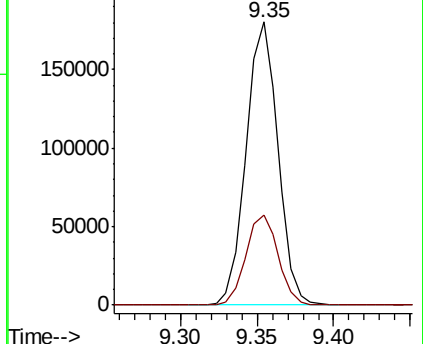
76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.460 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016794.D

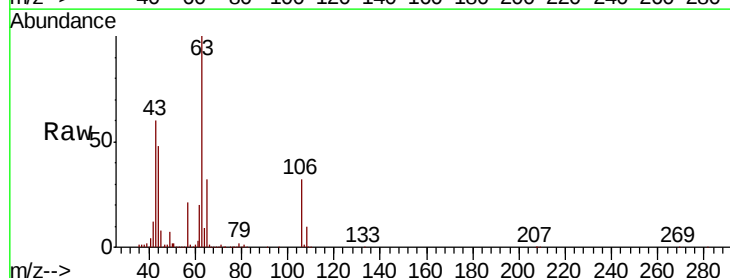
Acq: 16 Jun 2020 20:47

Tgt Ion: 63 Resp: 618466

Ion Ratio Lower Upper

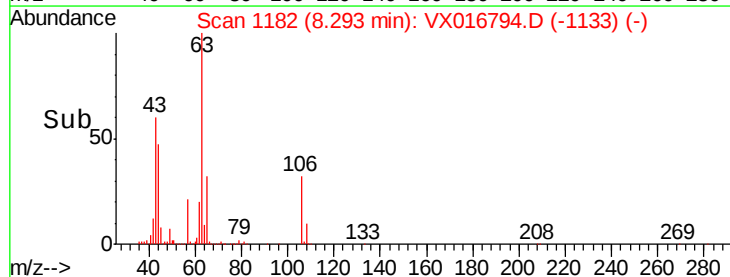
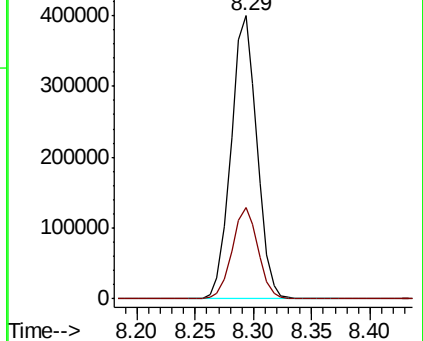
63 100

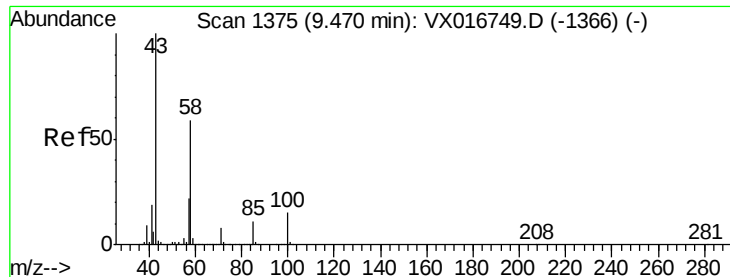
106 32.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

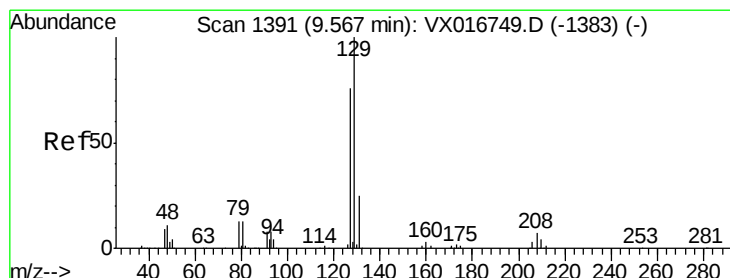
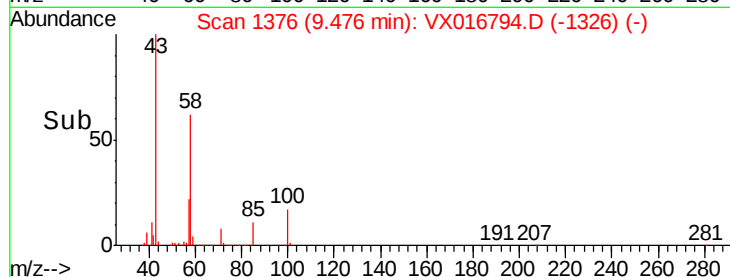
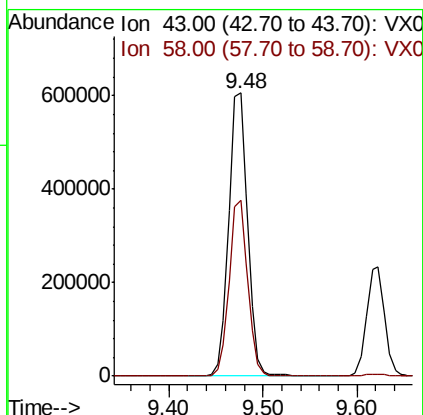
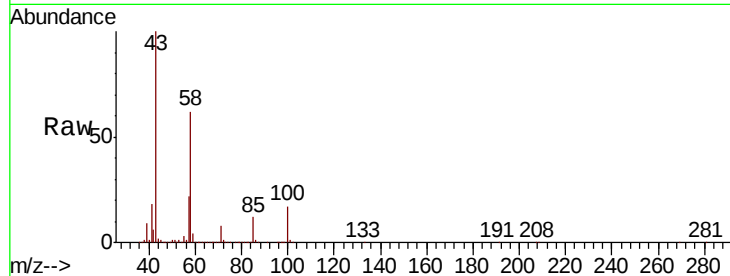




#59
2-Hexanone
Concen: 255.968 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

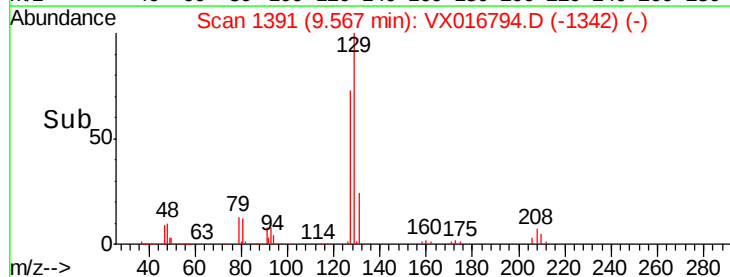
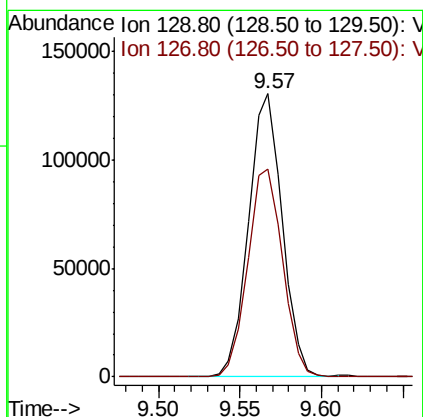
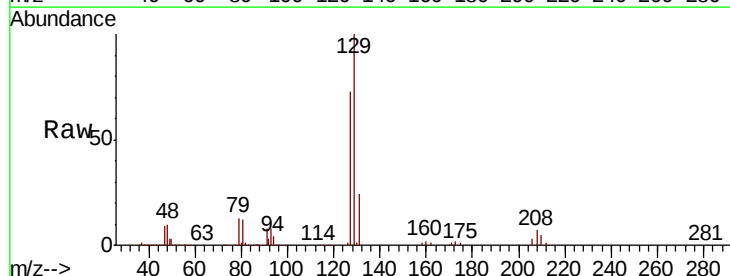
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

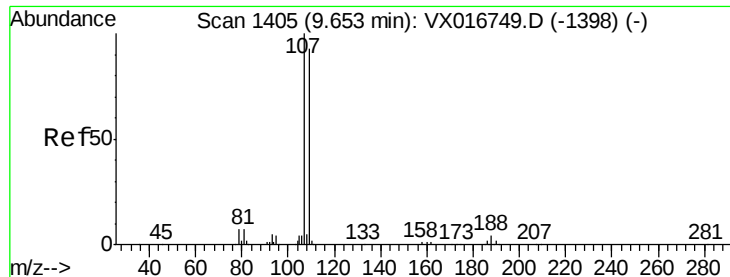
Tot Ion: 43 Resp: 844301
Ion Ratio Lower Upper
43 100
58 60.9 29.9 89.8



#60
Dibromochloromethane
Concen: 49.711 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 129 Resp: 188779
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.109 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

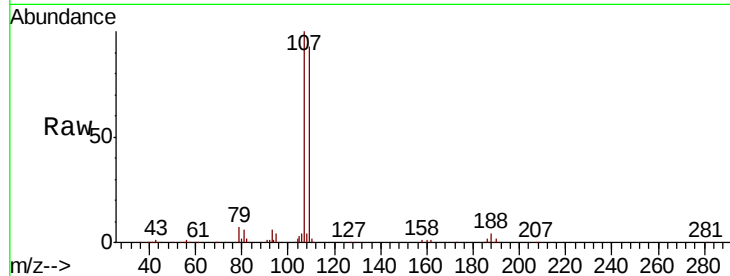
VSTDCCC050EC

Tot Ion:107 Resp: 171969

Ion Ratio Lower Upper

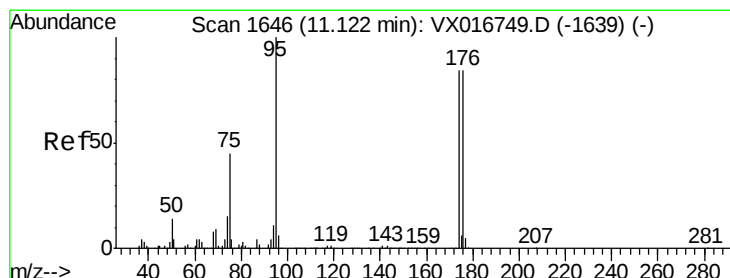
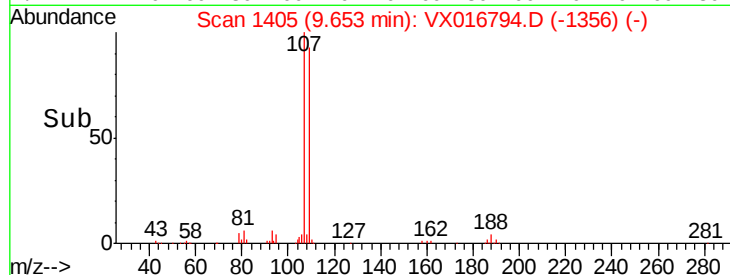
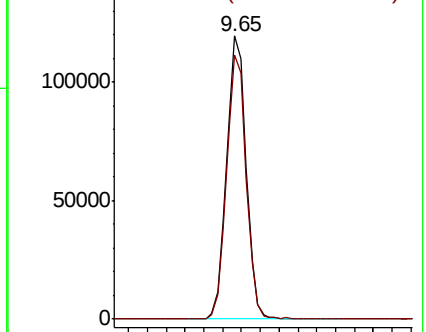
107 100

109 93.6 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.919 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

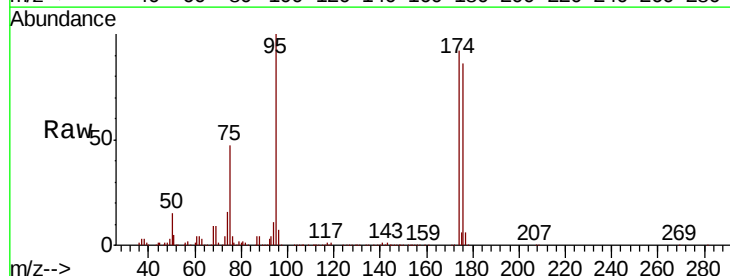
Tgt Ion: 95 Resp: 190625

Ion Ratio Lower Upper

95 100

174 88.5 0.0 171.0

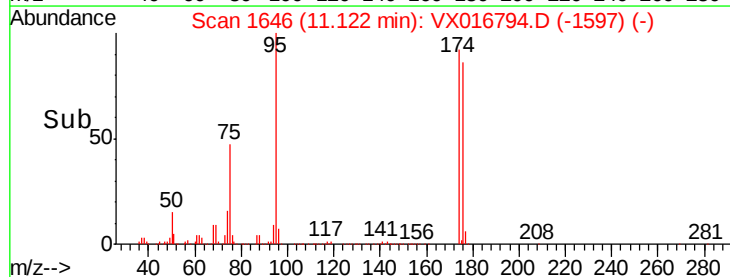
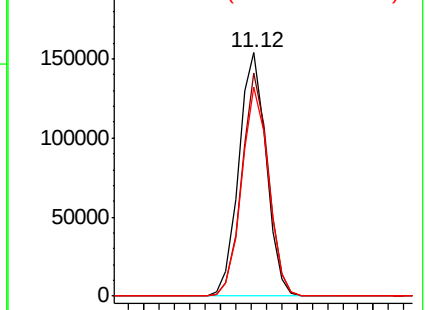
176 84.9 0.0 166.2

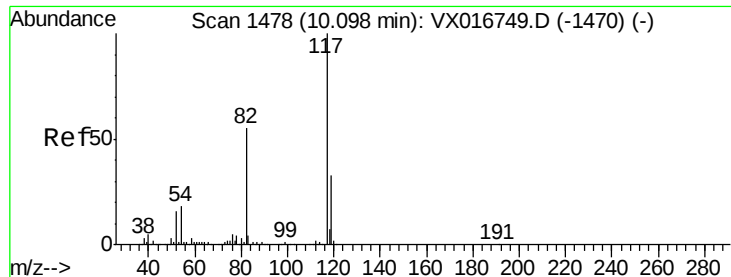


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

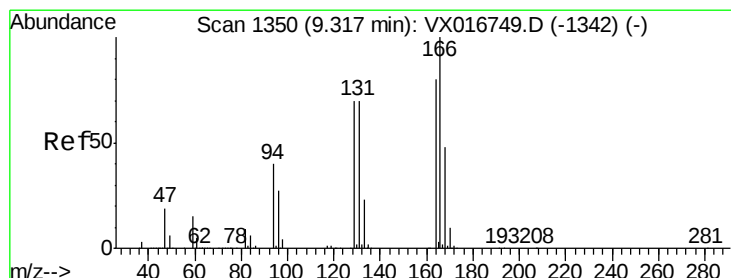
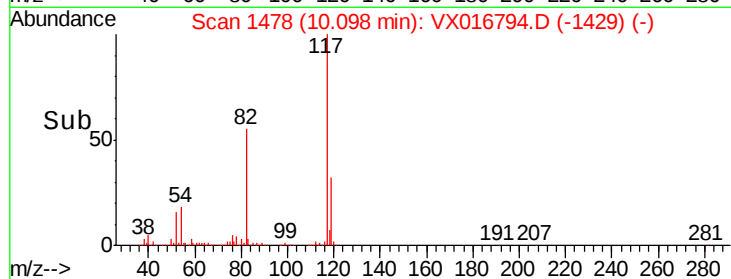
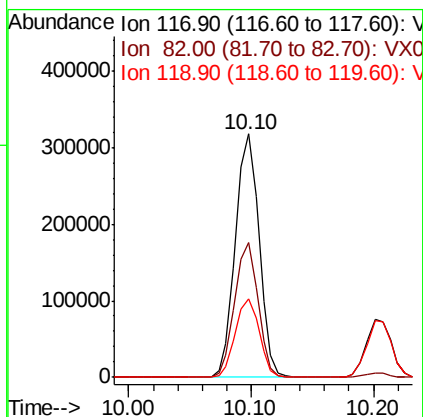
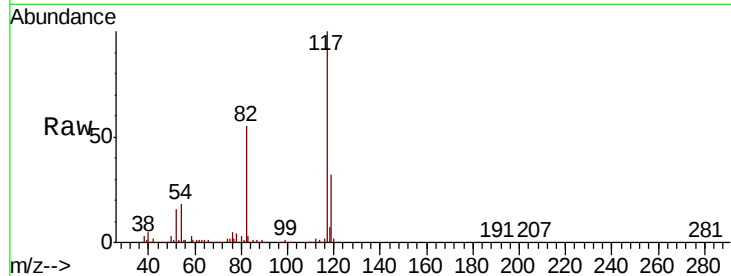




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

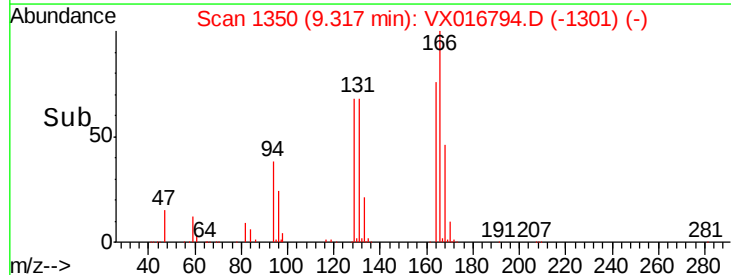
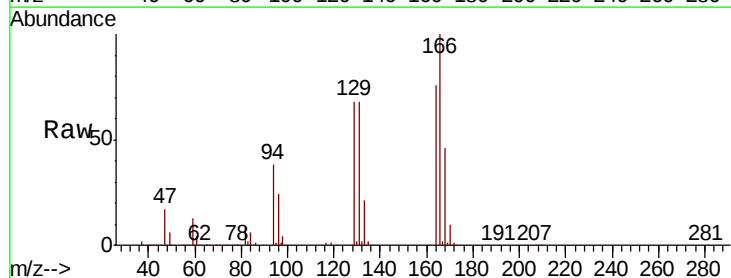
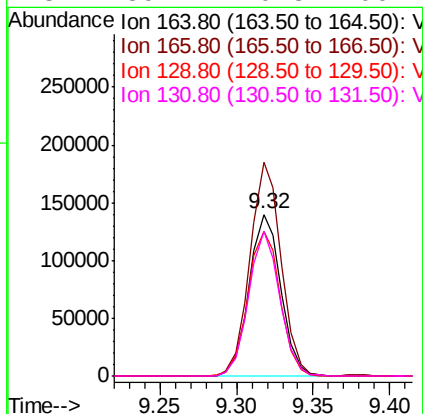
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

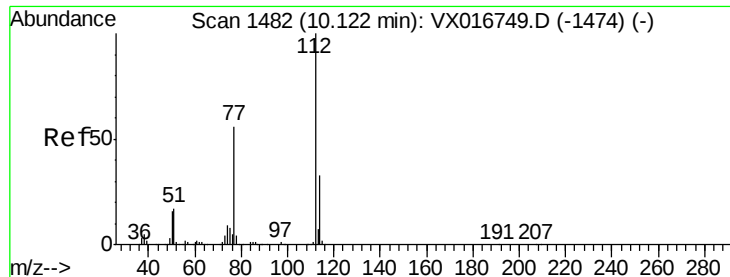
Tot Ion:117 Resp: 425604
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.6
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 49.252 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion:164 Resp: 201289
Ion Ratio Lower Upper
164 100
166 132.0 100.6 150.8
129 89.5 70.1 105.1
131 89.1 70.8 106.2

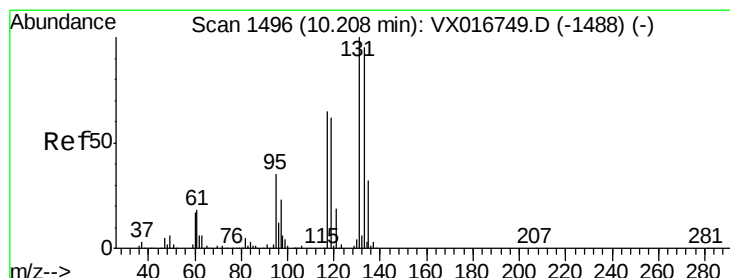
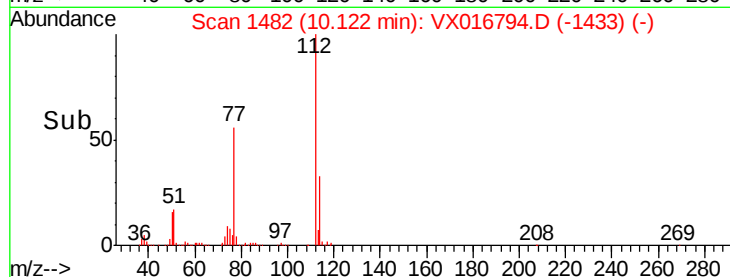
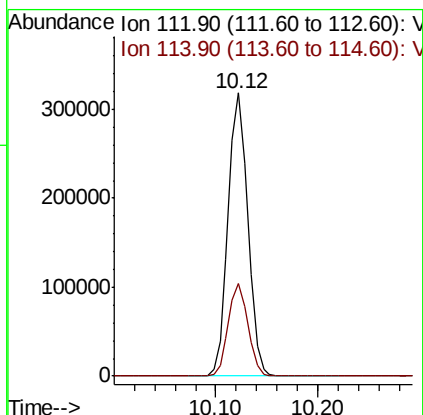
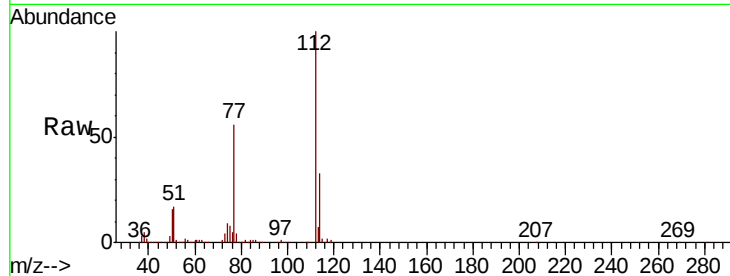




#65
Chlorobenzene
Concen: 49.308 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

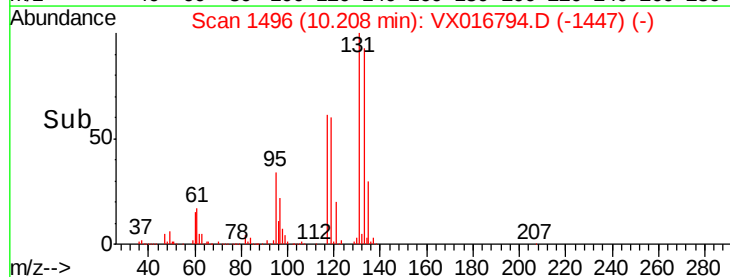
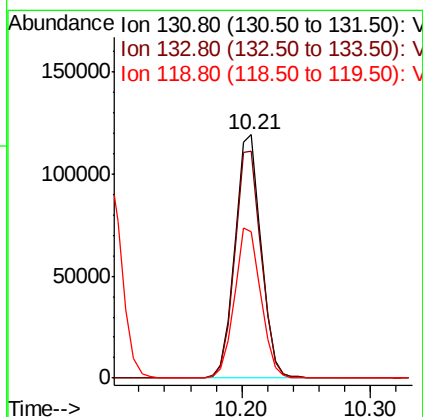
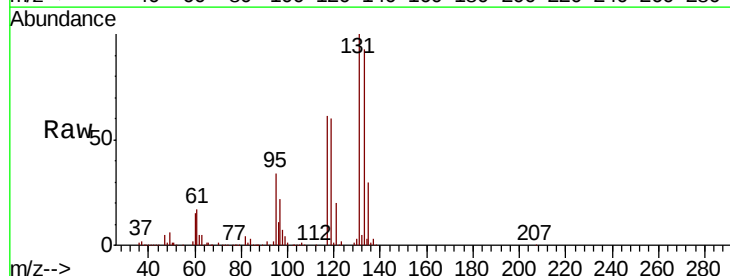
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

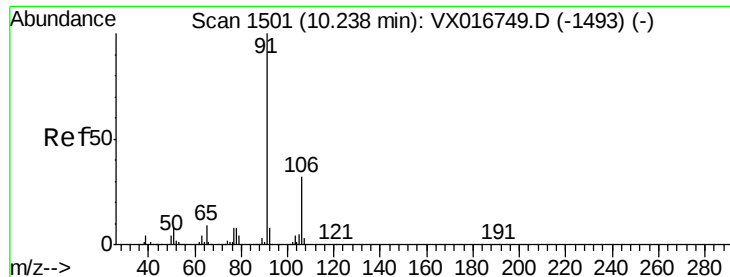
Tot Ion:112 Resp: 425820
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.816 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion:131 Resp: 168176
Ion Ratio Lower Upper
131 100
133 95.1 46.8 140.3
119 62.4 31.4 94.0

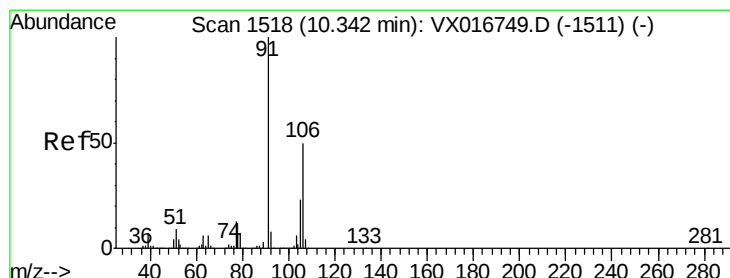
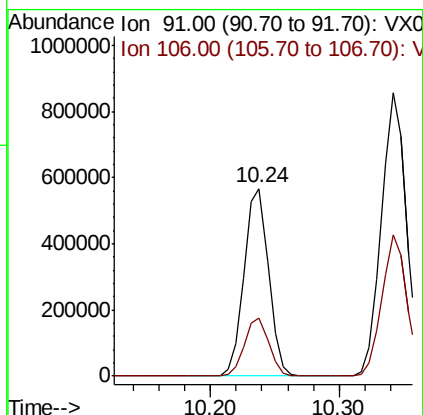
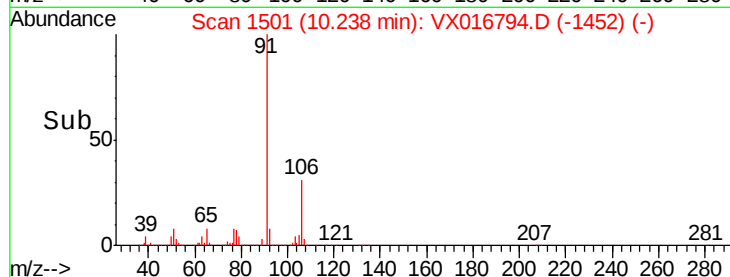
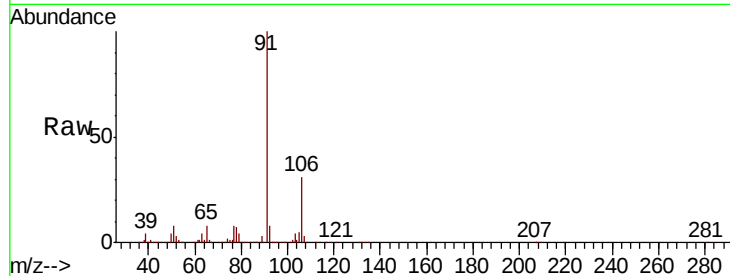




#67
Ethyl Benzene
Concen: 50.642 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

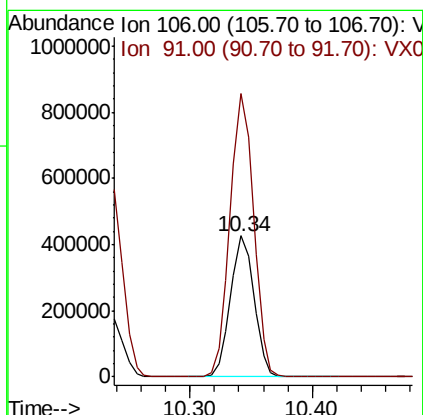
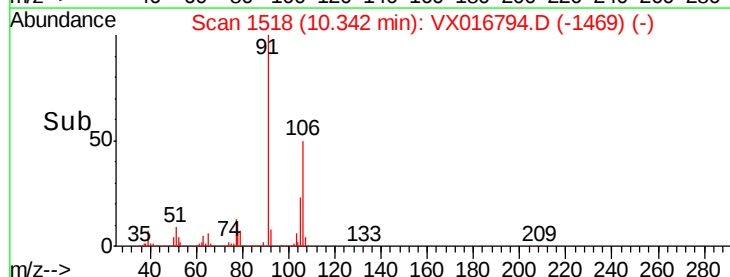
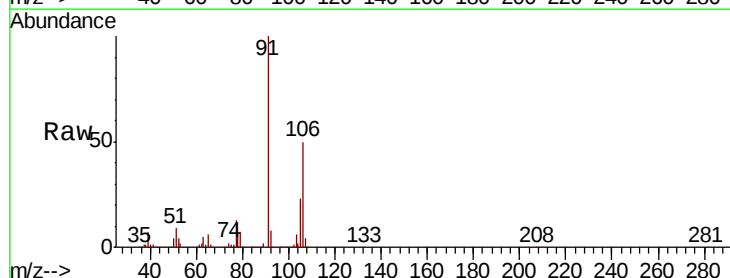
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

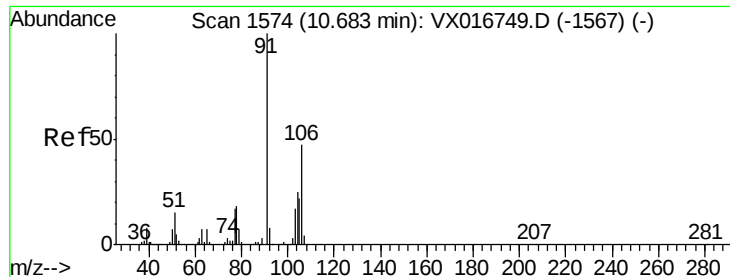
Tot Ion: 91 Resp: 739334
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 102.522 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 106 Resp: 567502
Ion Ratio Lower Upper
106 100
91 202.2 161.2 241.8

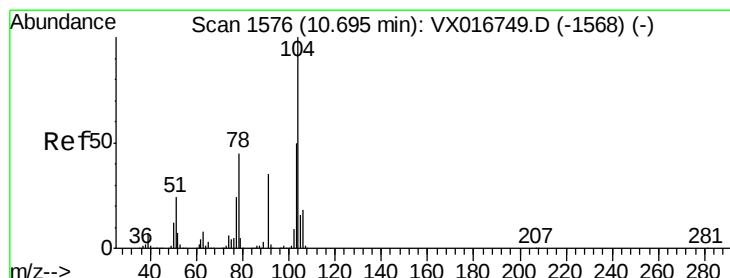
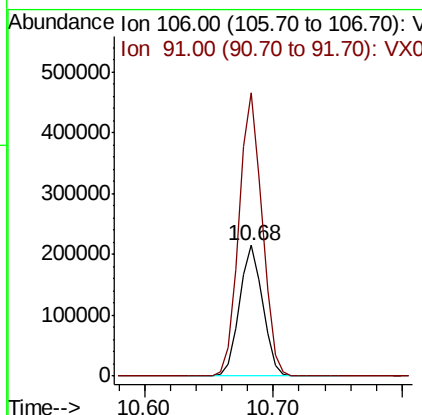
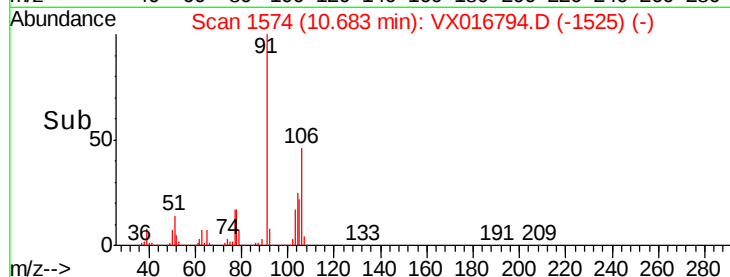
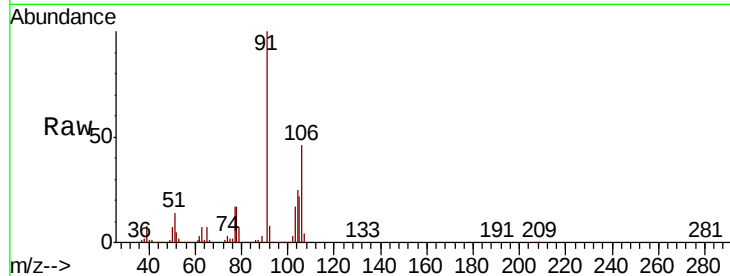




#69
o-Xylene
Concen: 50.521 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

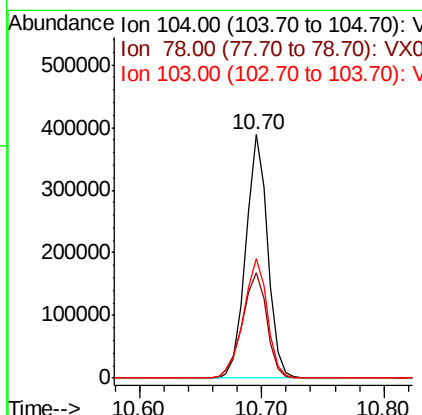
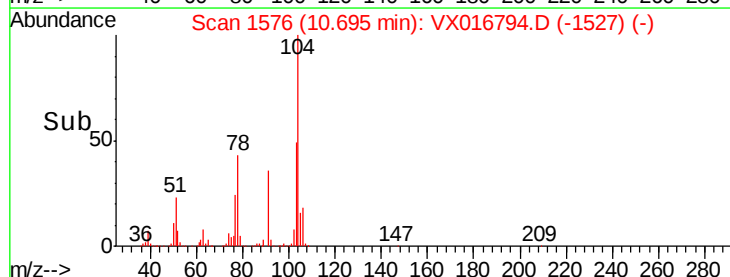
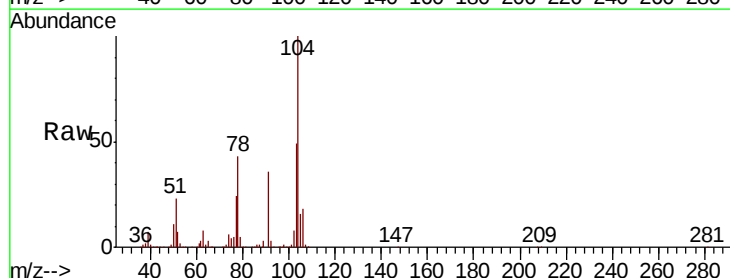
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

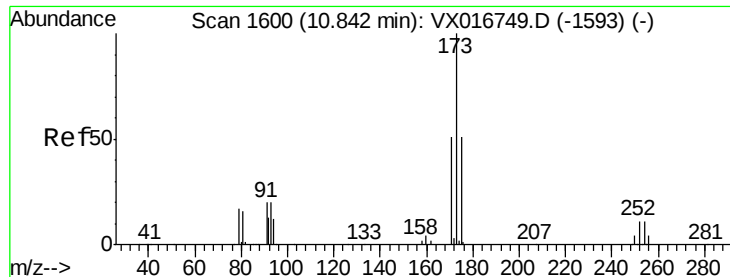
Tot Ion:106 Resp: 269414
Ion Ratio Lower Upper
106 100
91 216.3 106.9 320.8



#70
Styrene
Concen: 52.194 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion:104 Resp: 481162
Ion Ratio Lower Upper
104 100
78 48.6 39.8 59.8
103 53.7 43.4 65.2





#71

Bromoform

Concen: 51.968 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

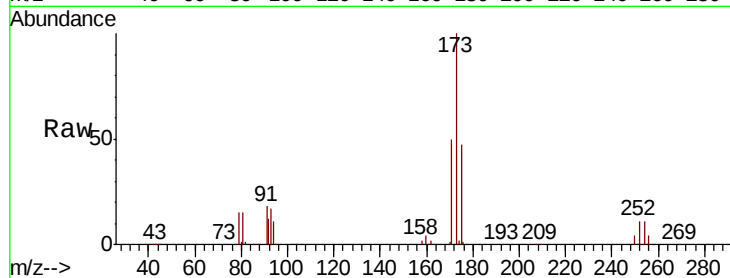
Tot Ion:173 Resp: 152757

Ion Ratio Lower Upper

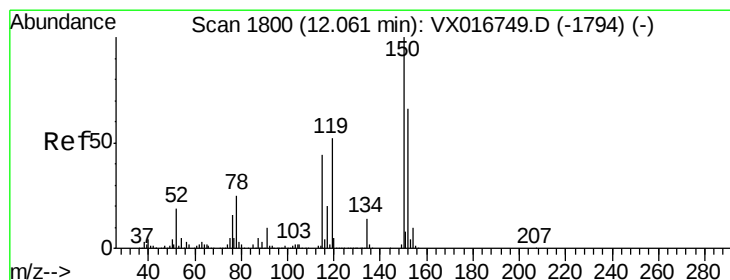
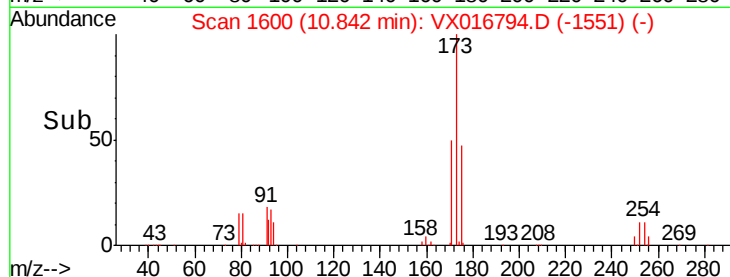
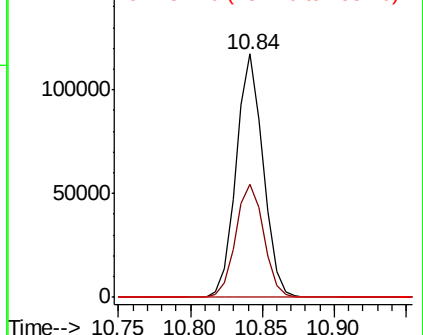
173 100

175 48.3 25.1 75.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

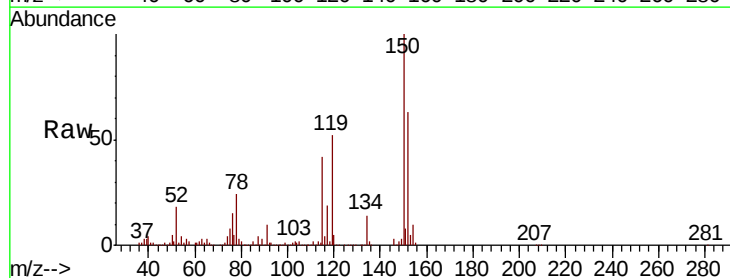
Tgt Ion:152 Resp: 222528

Ion Ratio Lower Upper

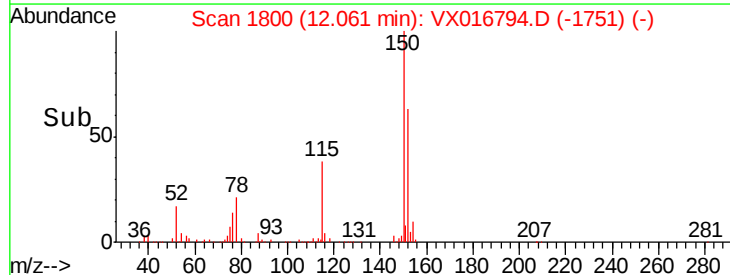
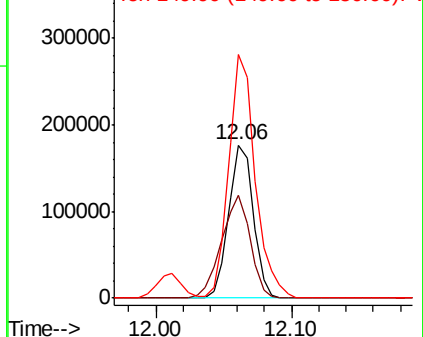
152 100

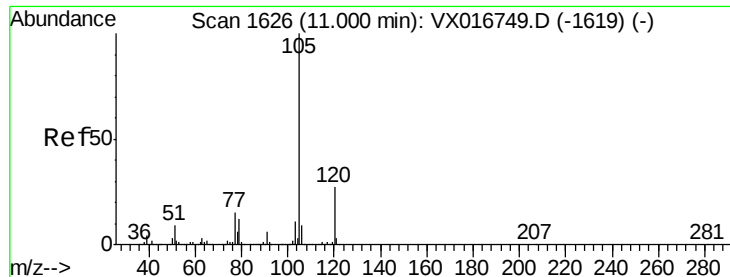
115 78.1 40.3 120.8

150 170.8 0.0 337.4



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





#73

Isopropylbenzene

Concen: 49.941 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

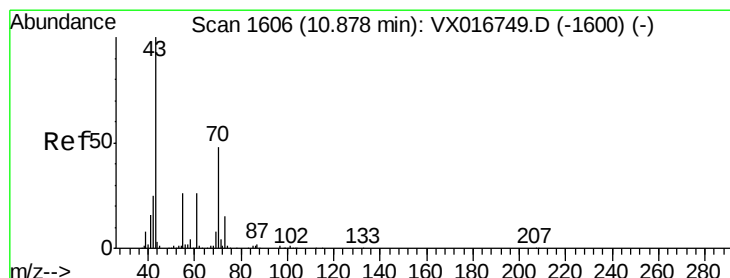
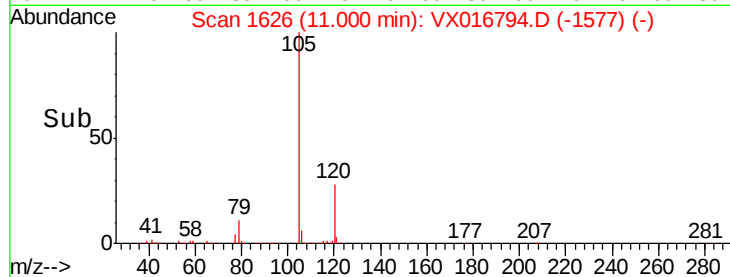
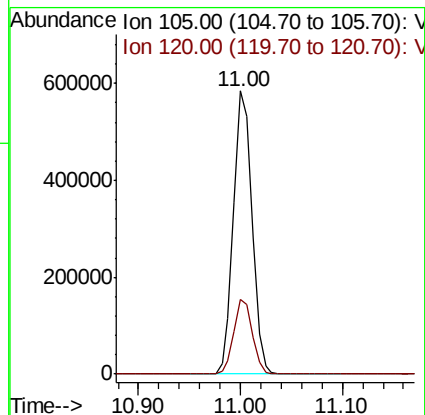
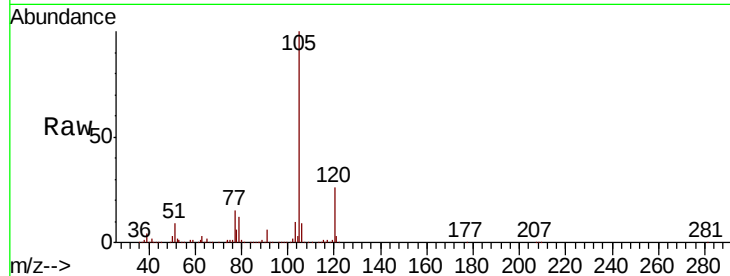
VSTDCCC050EC

Tot Ion:105 Resp: 729211

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 51.755 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tgt Ion: 43 Resp: 293712

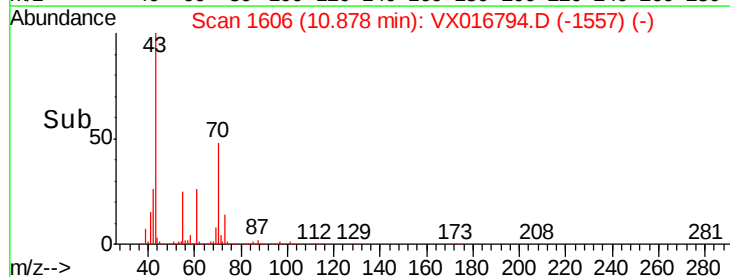
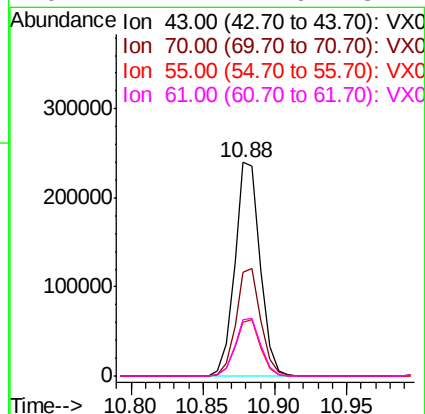
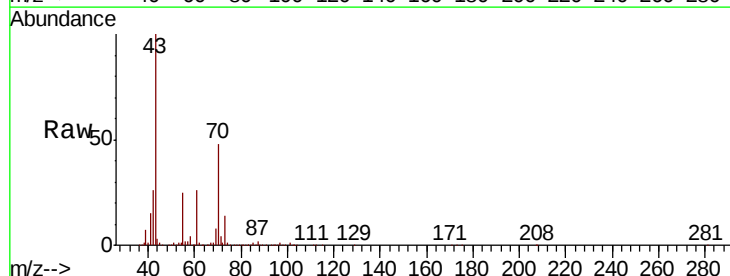
Ion Ratio Lower Upper

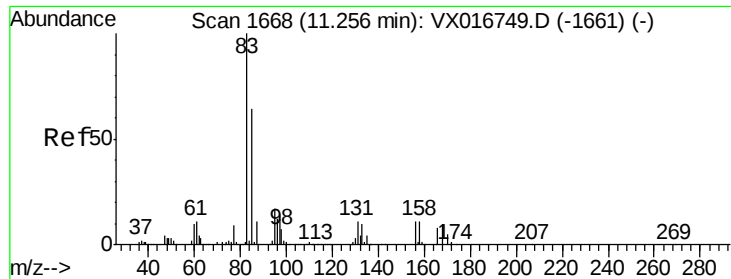
43 100

70 49.2 39.8 59.6

55 26.3 21.7 32.5

61 27.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.774 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

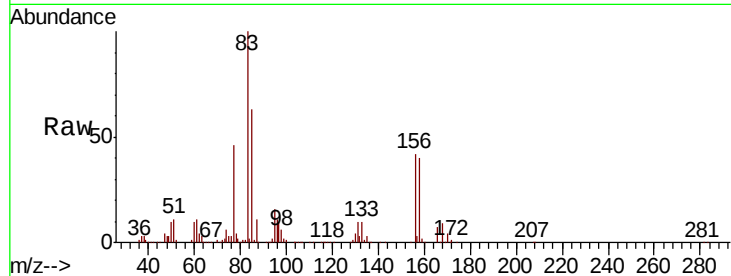
Tot Ion: 83 Resp: 205199

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.7	17.0
85	64.6	32.4	97.2

83 100

131 11.0 5.7 17.0

85 64.6 32.4 97.2

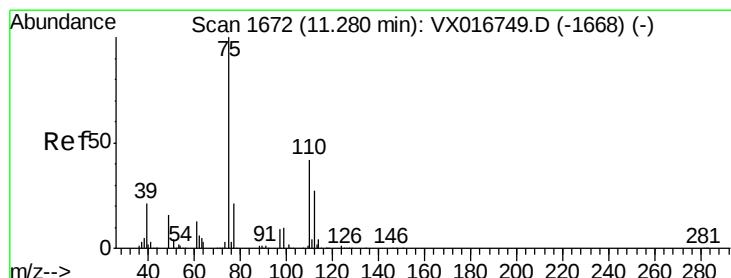
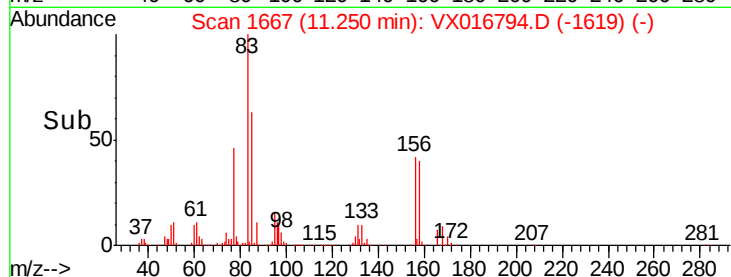
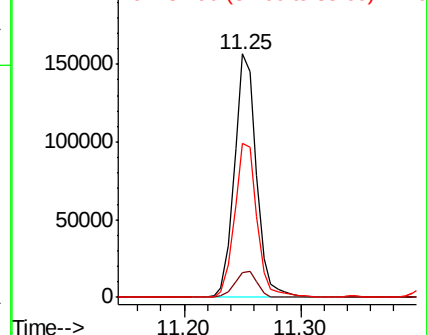


Abundance

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: 62.308 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016794.D

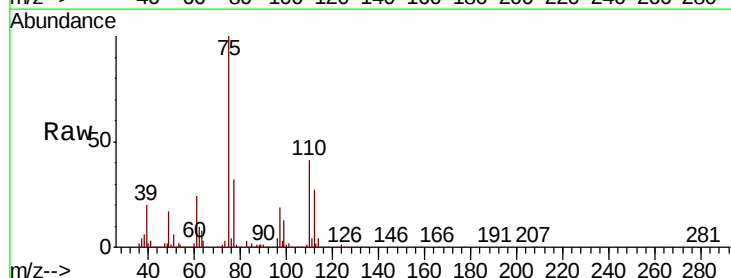
Acq: 16 Jun 2020 20:47

Tgt Ion: 75 Resp: 291581

Ion	Ratio	Lower	Upper
75	100		
77	32.0	20.3	60.9

75 100

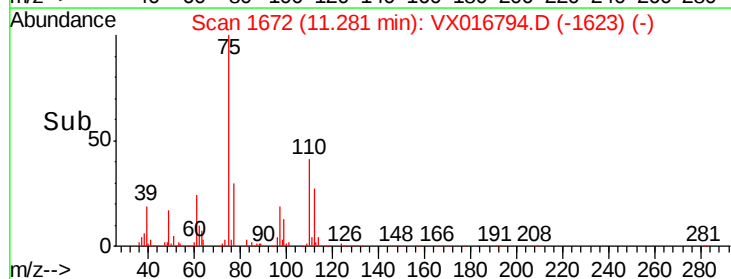
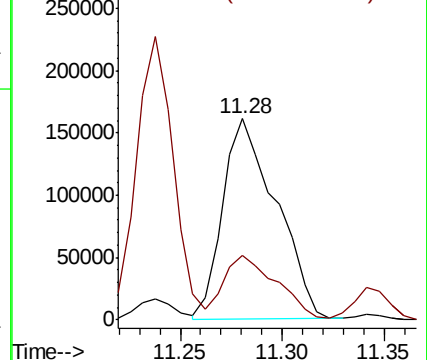
77 32.0 20.3 60.9

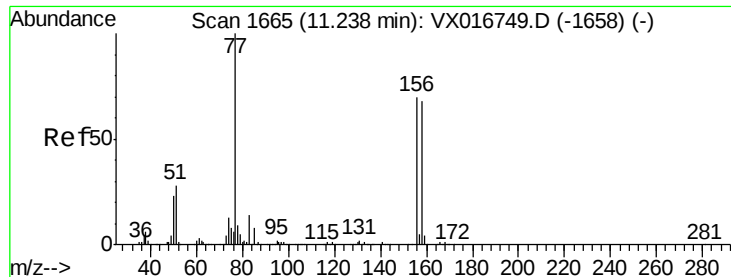


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.886 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

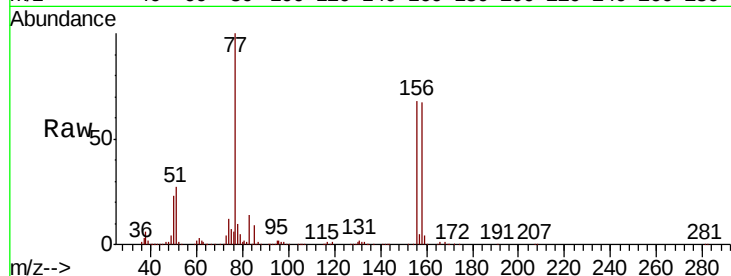
Tot Ion:156 Resp: 197421

Ion Ratio Lower Upper

156 100

77 145.8 73.2 219.6

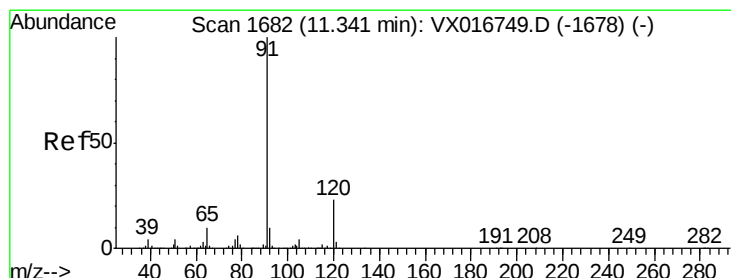
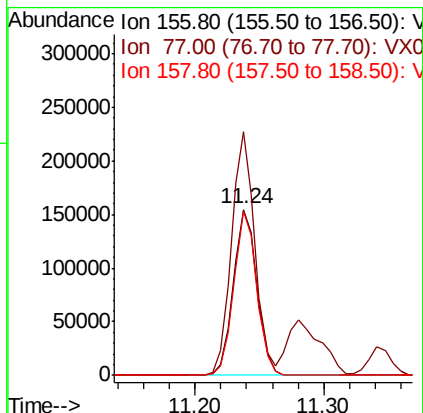
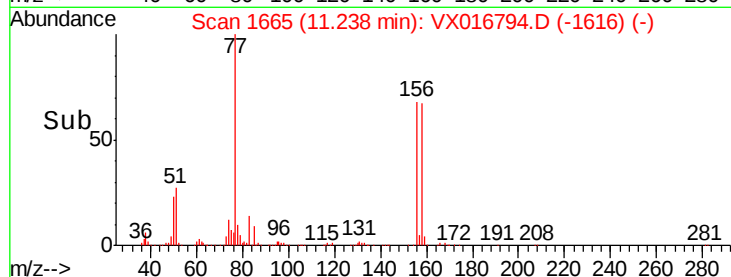
158 96.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.670 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016794.D

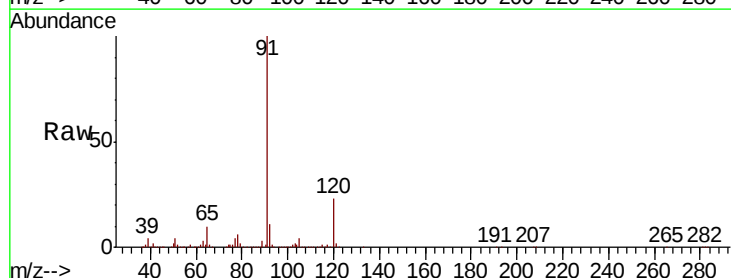
Acq: 16 Jun 2020 20:47

Tgt Ion: 91 Resp: 803480

Ion Ratio Lower Upper

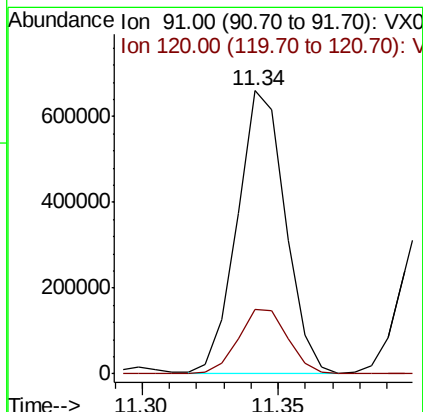
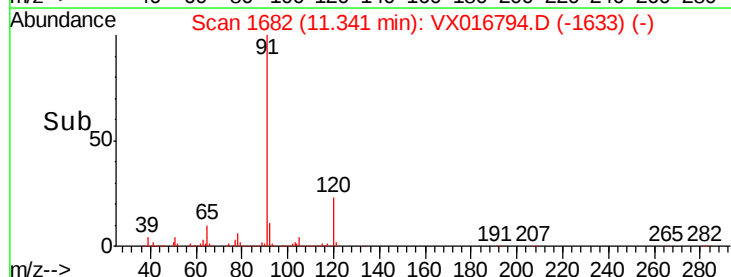
91 100

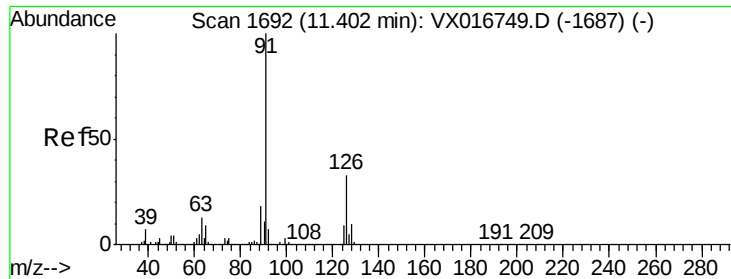
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

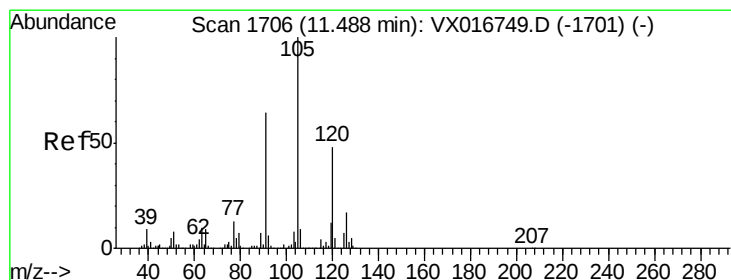
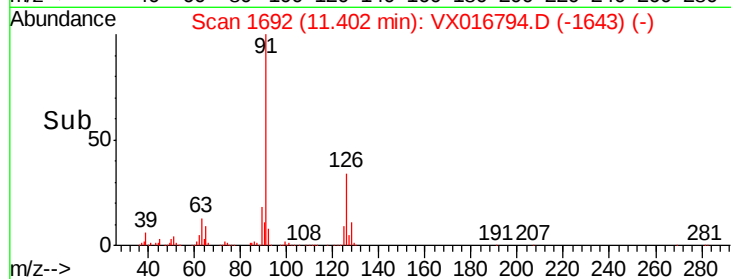
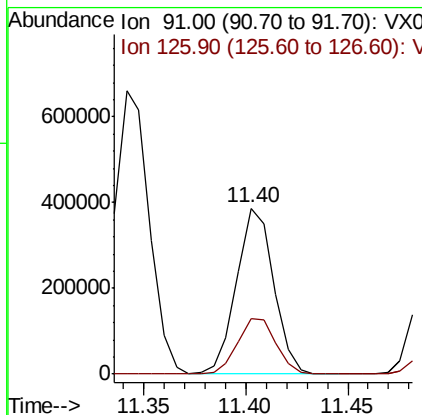
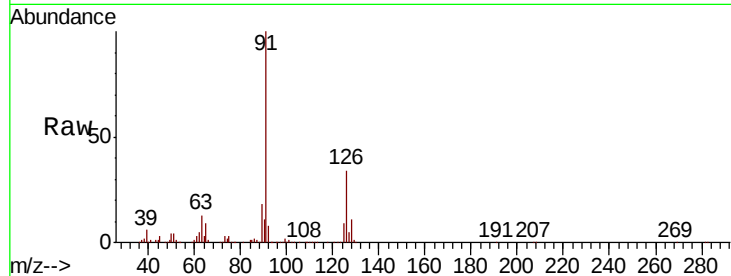




#79
 2-Chlorotoluene
 Concen: 48.726 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

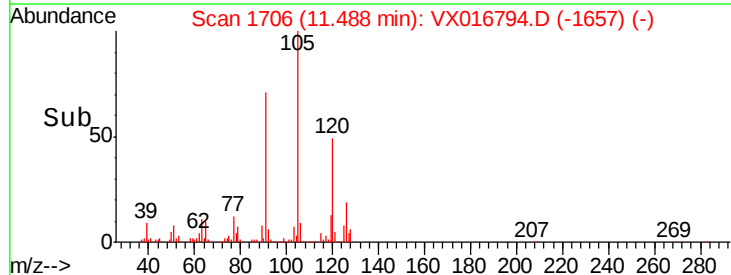
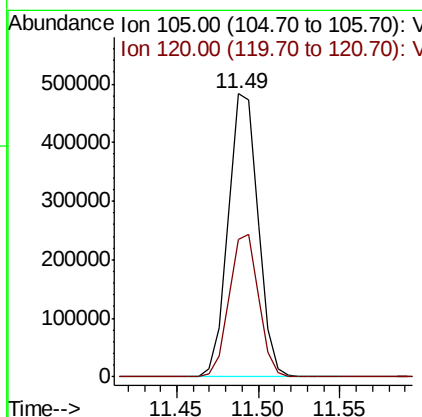
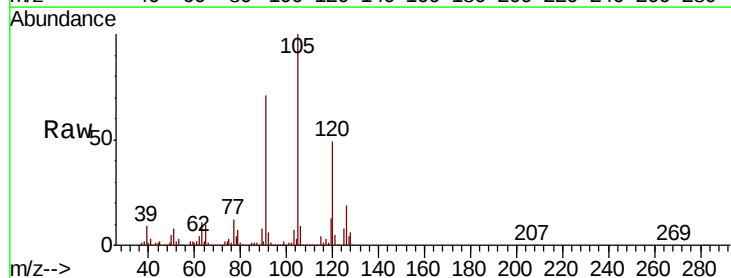
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

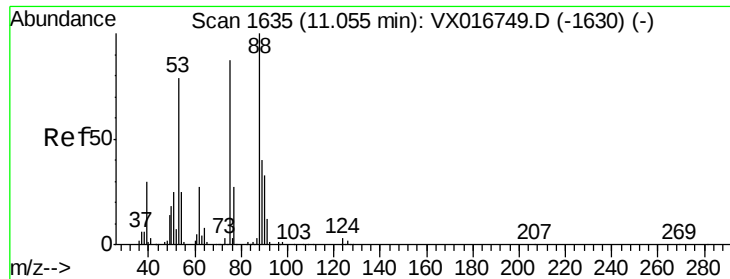
Tot Ion: 91 Resp: 488587
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.168 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion: 105 Resp: 614063
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.662 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

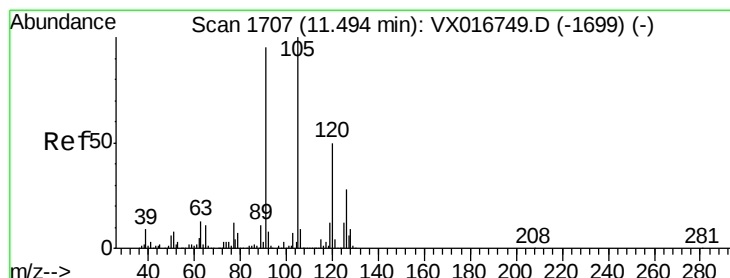
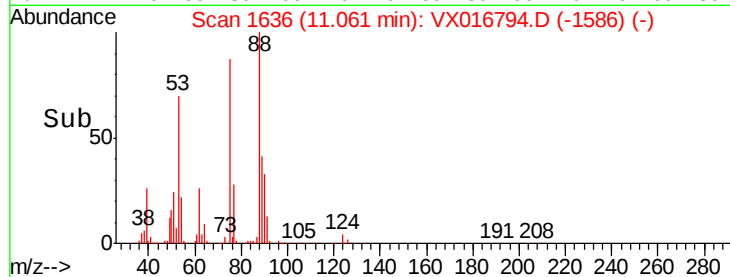
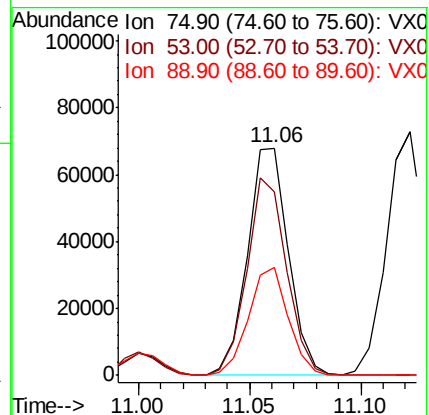
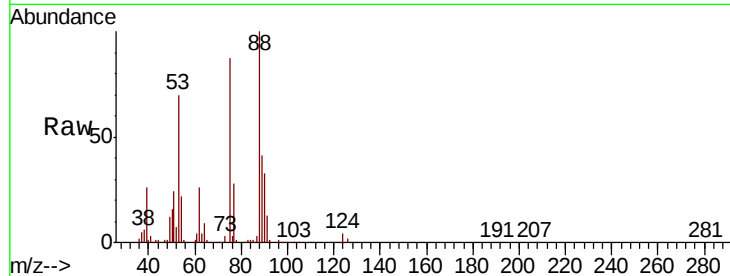
Tot Ion: 75 Resp: 86739

Ion Ratio Lower Upper

75 100

53 84.4 71.4 107.0

89 46.5 39.1 58.7



#82

4-Chlorotoluene

Concen: 49.003 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016794.D

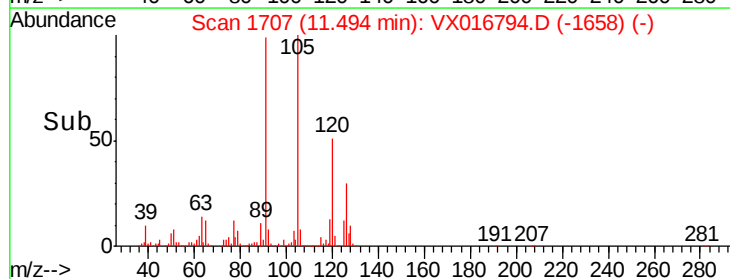
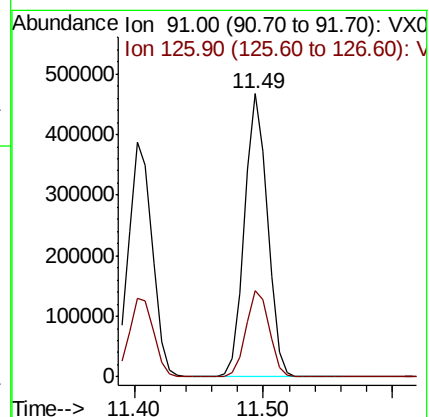
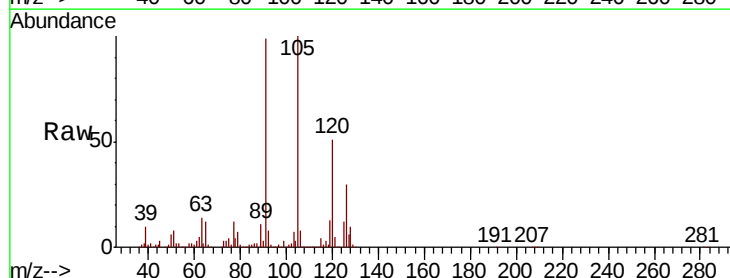
Acq: 16 Jun 2020 20:47

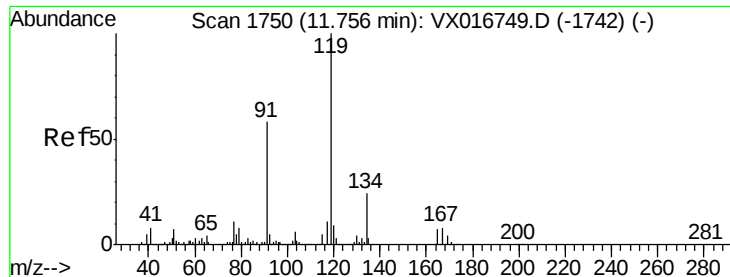
Tgt Ion: 91 Resp: 575144

Ion Ratio Lower Upper

91 100

126 30.7 15.2 45.6

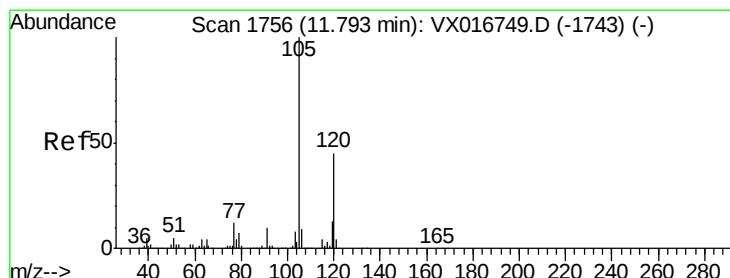
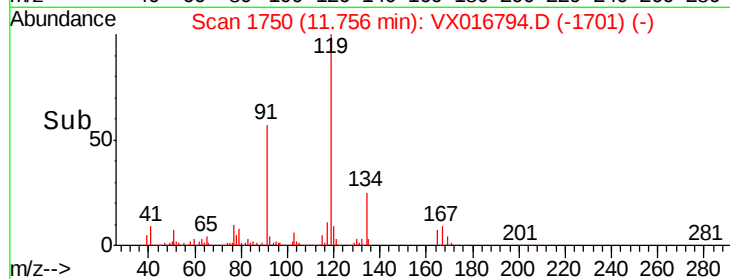
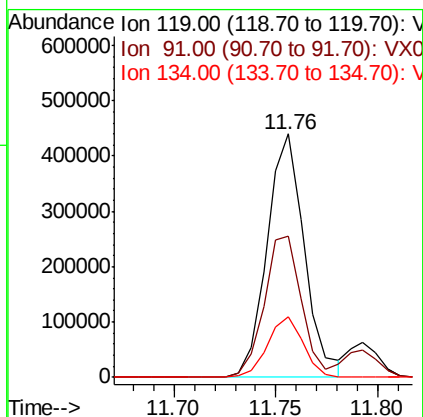
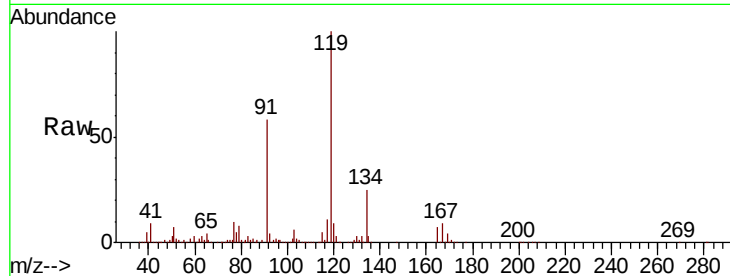




#83
tert-Butylbenzene
Concen: 50.064 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

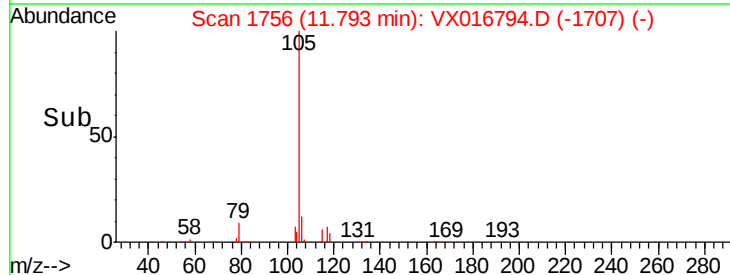
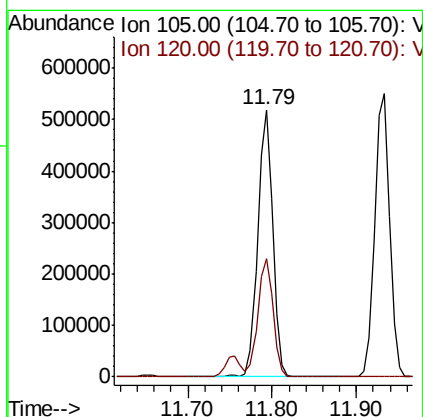
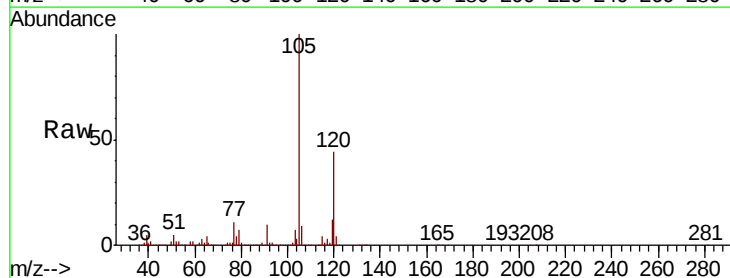
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

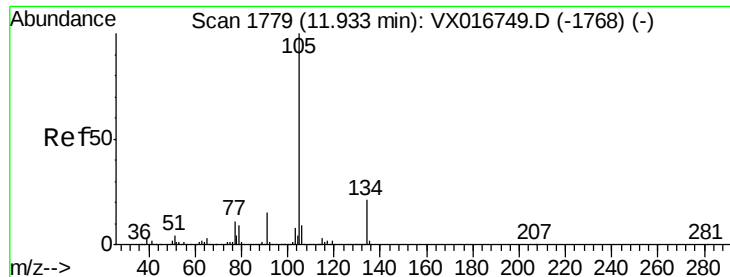
Tot Ion:119 Resp: 560712
Ion Ratio Lower Upper
119 100
91 57.8 29.3 88.0
134 23.7 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 50.930 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion:105 Resp: 630614
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 51.485 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

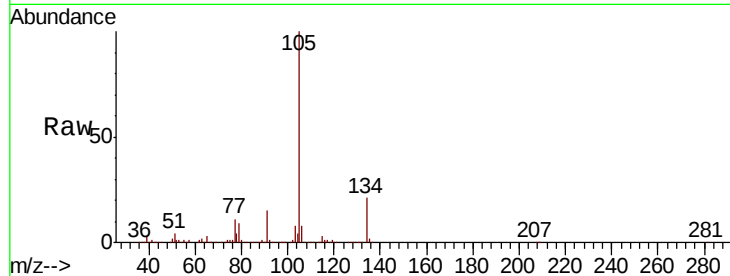
VSTDCCC050EC

Tot Ion:105 Resp: 674495

Ion Ratio Lower Upper

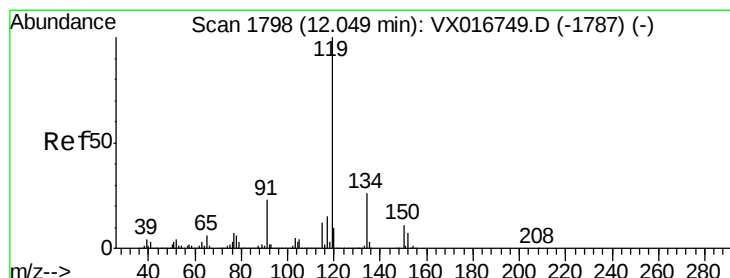
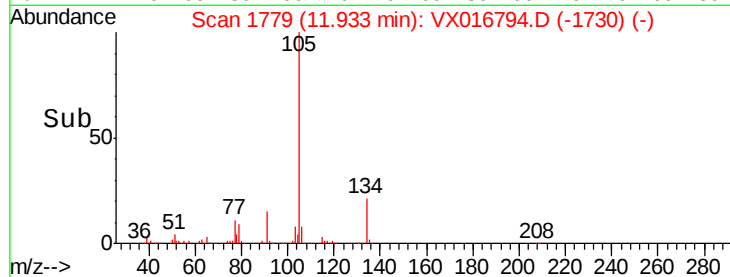
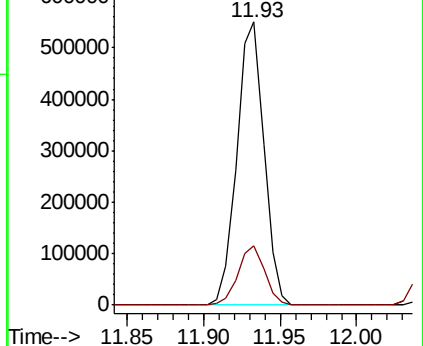
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.304 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

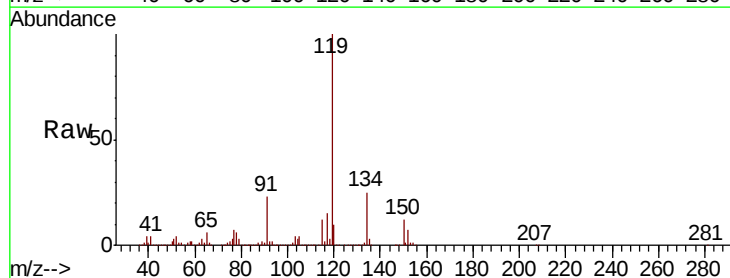
Tgt Ion:119 Resp: 644899

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

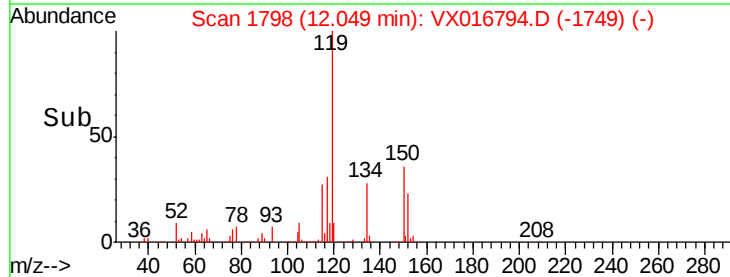
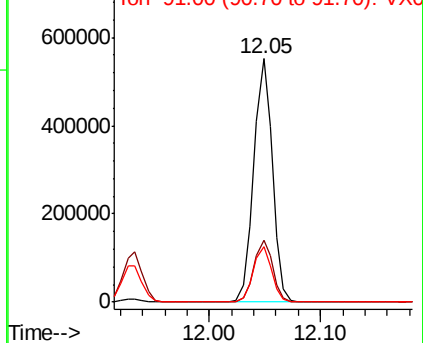
91 22.5 11.6 34.7

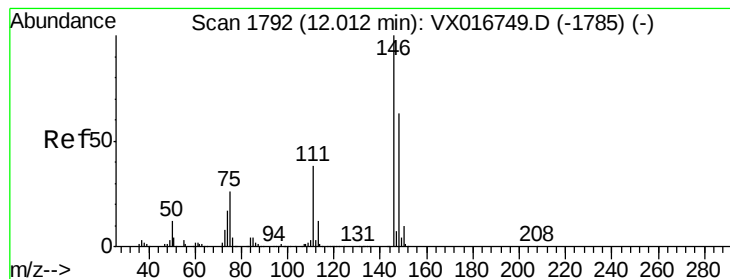


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.988 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

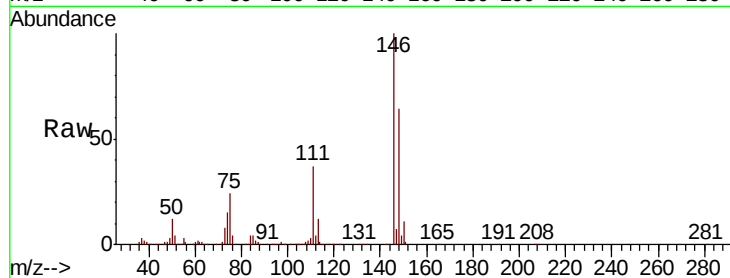
Tot Ion:146 Resp: 341444

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

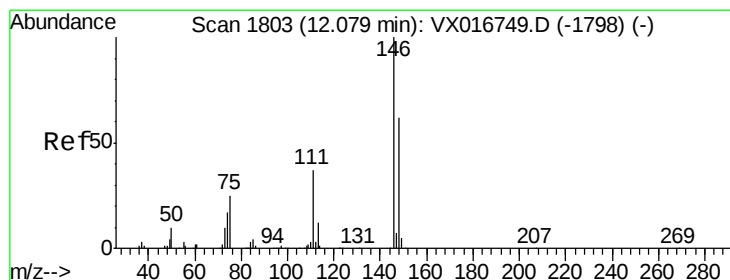
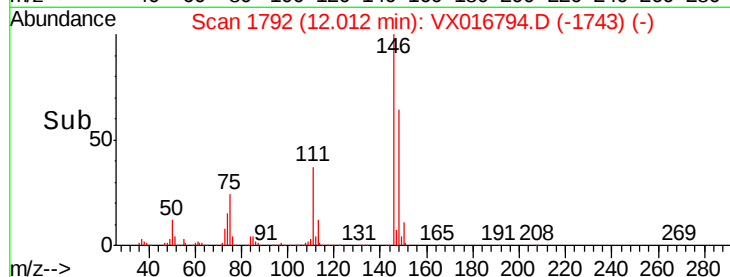
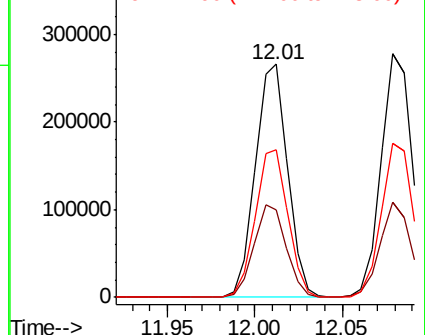
148 64.1 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 47.762 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

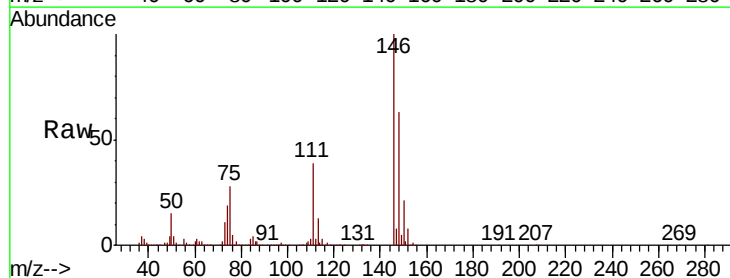
Tgt Ion:146 Resp: 345225

Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.8

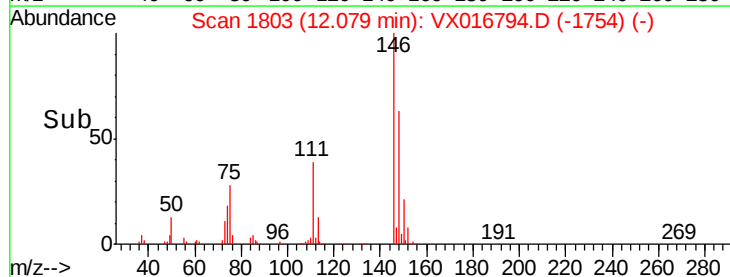
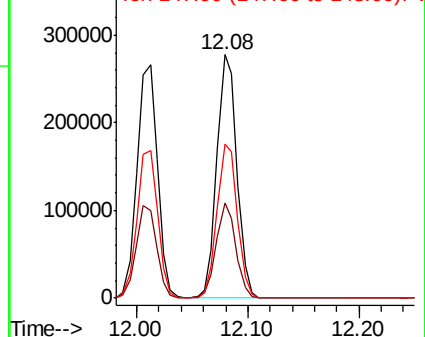
148 64.1 32.1 96.5

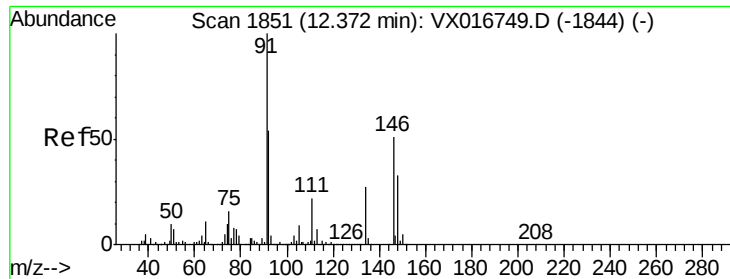


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

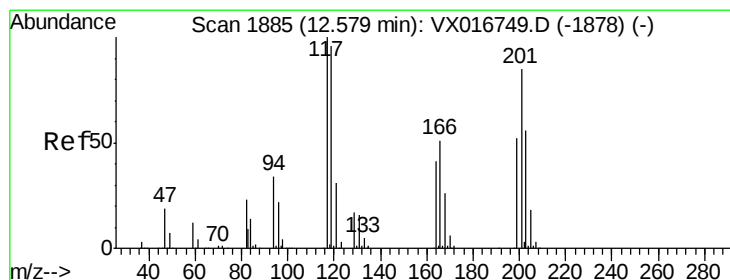
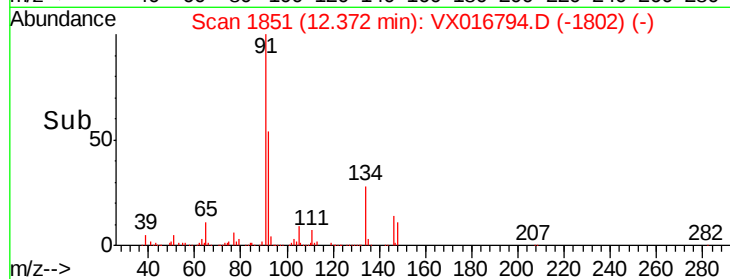
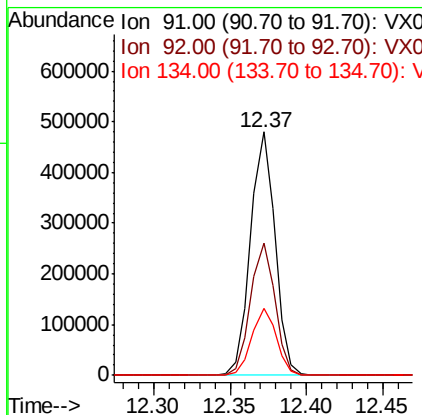
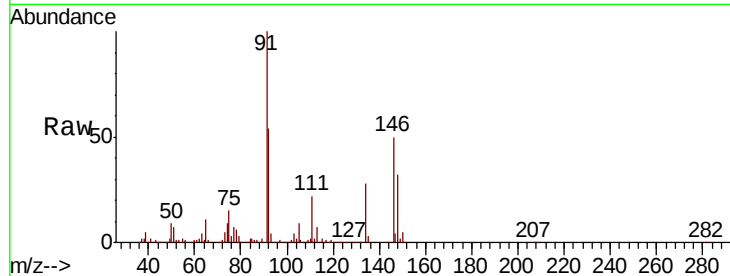




#89
n-Butylbenzene
Concen: 51.590 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

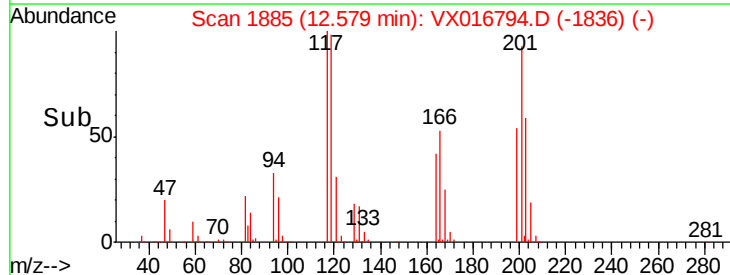
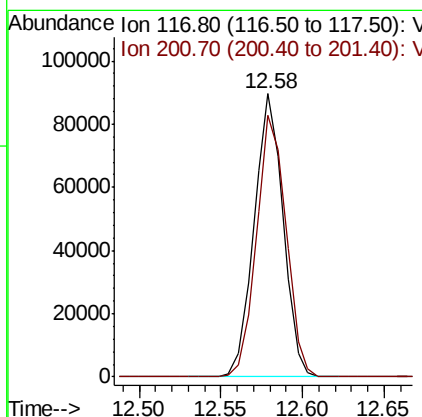
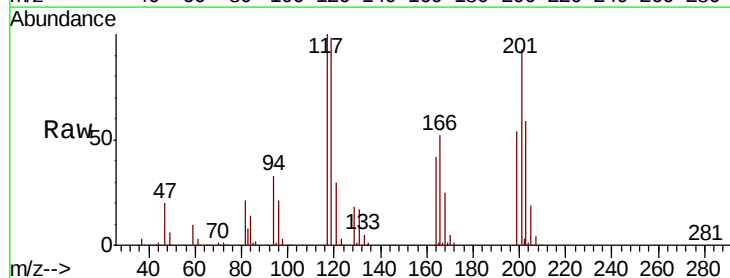
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 535334
Ion Ratio Lower Upper
91 100
92 54.5 27.0 80.8
134 27.8 13.7 41.0



#90
Hexachloroethane
Concen: 47.844 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 117 Resp: 110902
Ion Ratio Lower Upper
117 100
201 94.1 45.6 136.9

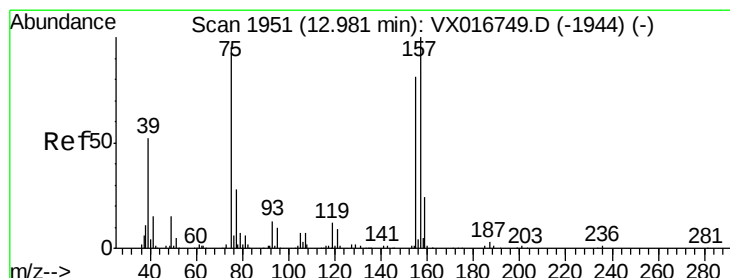
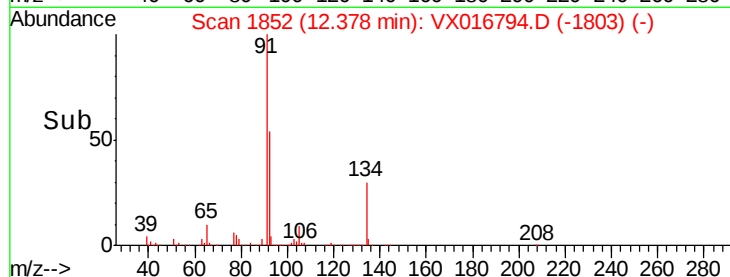
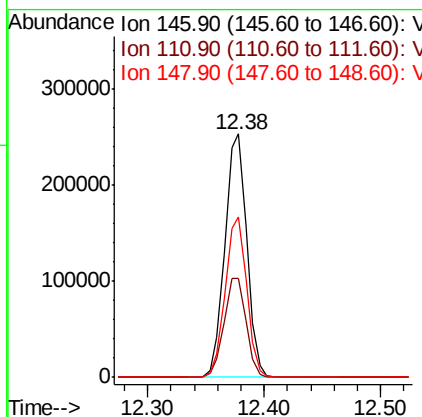
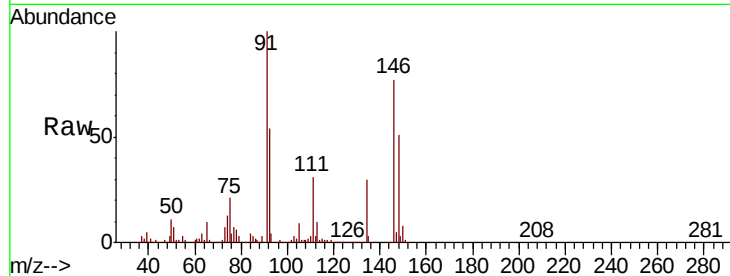




#91
 1,2-Dichlorobenzene
 Concen: 47.110 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

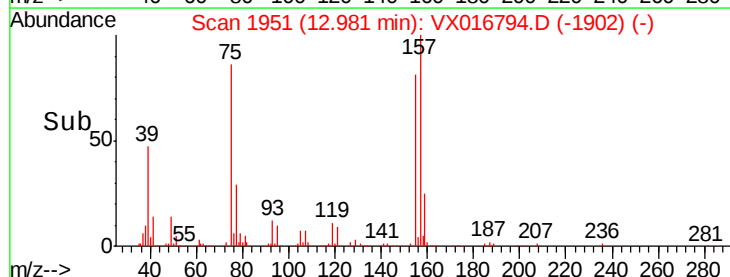
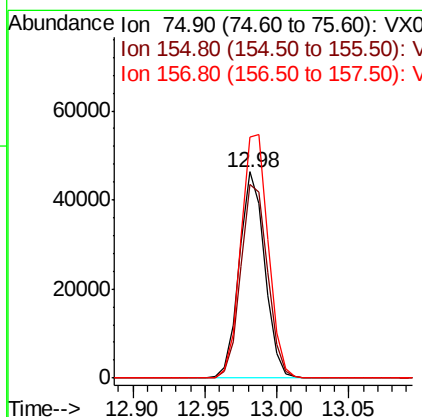
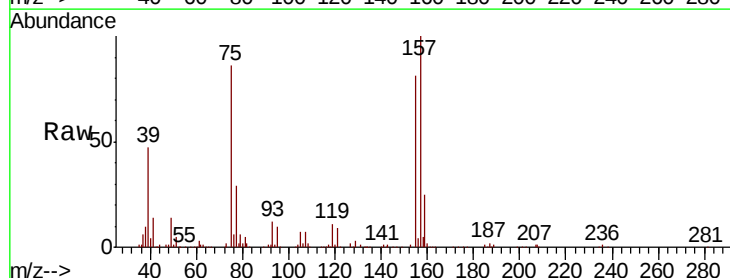
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

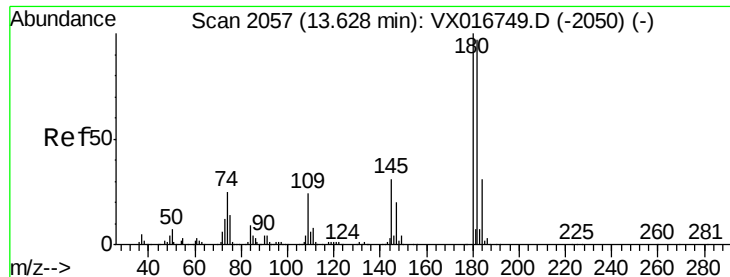
Tot Ion:146 Resp: 328368
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.2
 148 64.6 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.533 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion: 75 Resp: 57093
 Ion Ratio Lower Upper
 75 100
 155 98.2 46.9 140.7
 157 125.2 59.6 178.7

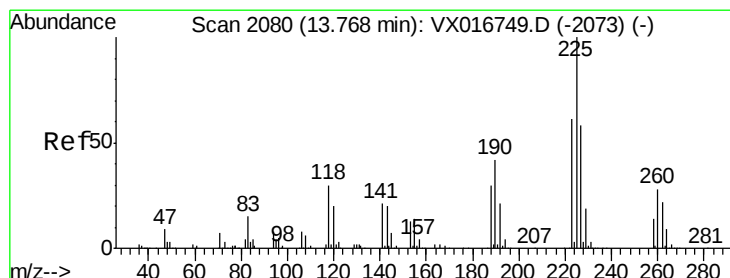
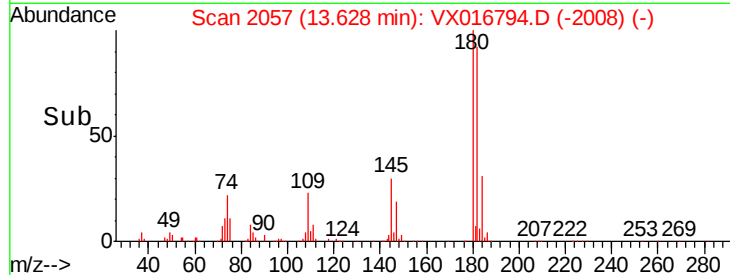
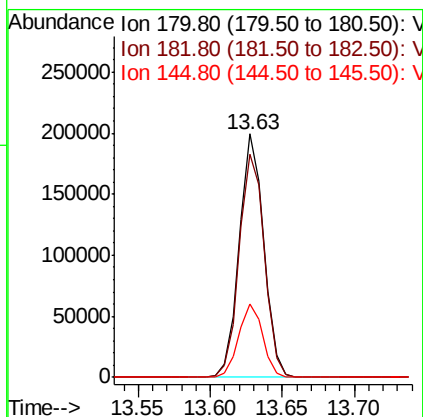
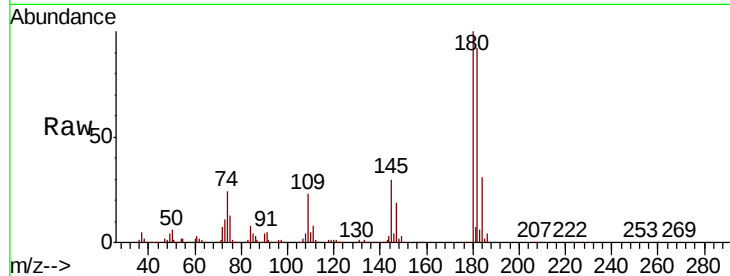




#93
 1,2,4-Trichlorobenzene
 Concen: 48.149 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

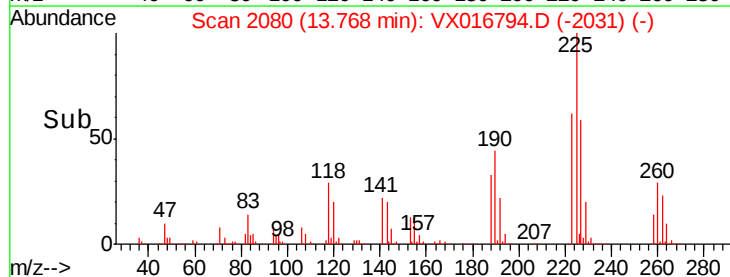
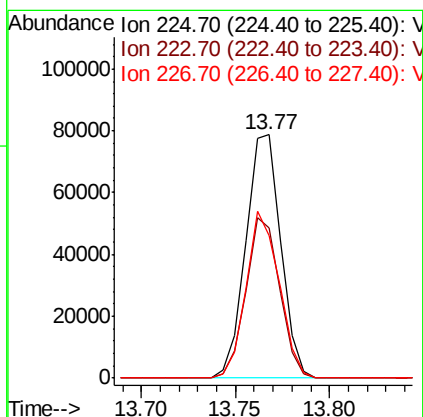
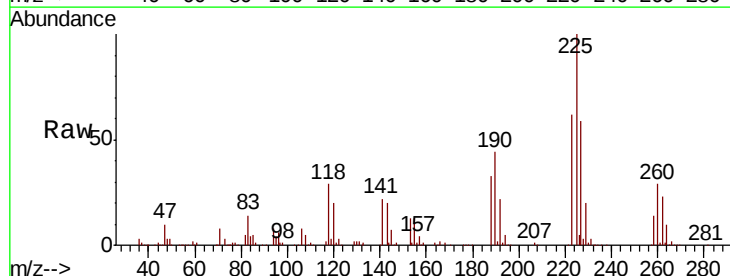
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

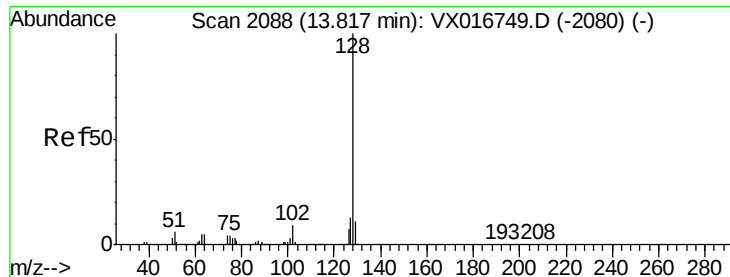
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.6	145.8
145	29.9	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 47.392 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.5
227	64.7	30.9	92.7





#95

Naphthalene

Concen: 51.210 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

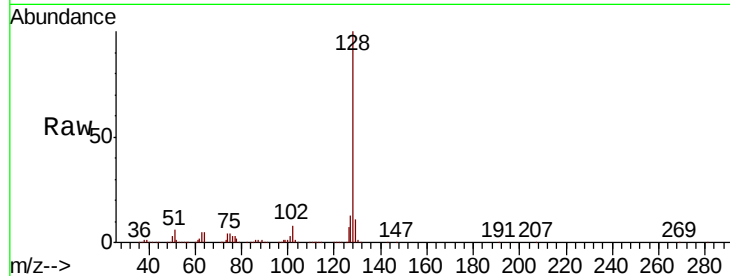
Tot Ion:128 Resp: 783092

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

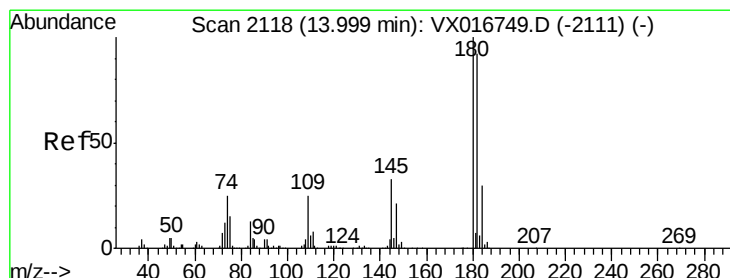
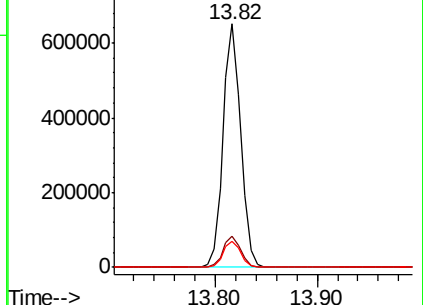
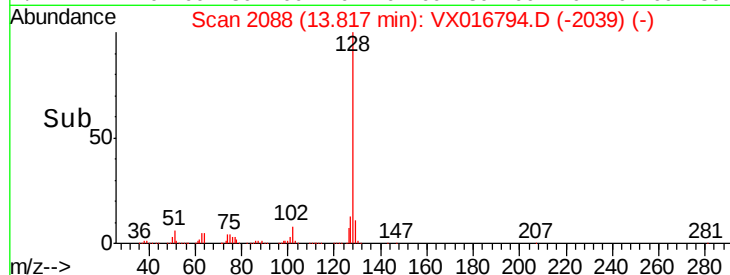
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.051 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

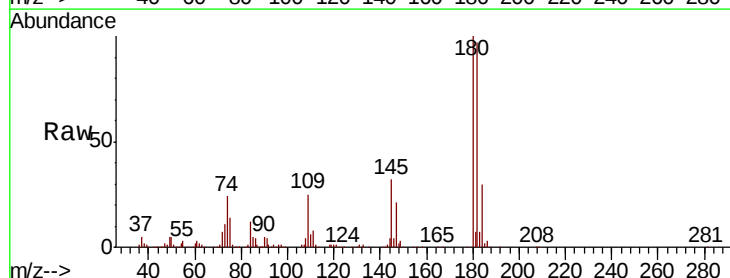
Tgt Ion:180 Resp: 230855

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.4

145 32.2 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

