

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016573.D
 Acq On : 03 Jun 2020 17:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 08:27:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	389109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151417	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.47	113	122668	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.70	98	476135	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.12	95	182602	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118013	48.205	ug/l	98
3) Chloromethane	1.31	50	133848	45.242	ug/l	99
4) Vinyl Chloride	1.39	62	148154	47.353	ug/l	100
5) Bromomethane	1.62	94	70510	46.350	ug/l	98
6) Chloroethane	1.70	64	88897	48.709	ug/l	98
7) Trichlorofluoromethane	1.91	101	208586	50.765	ug/l	97
8) Diethyl Ether	2.17	74	82175	47.962	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111865	49.467	ug/l	98
10) Methyl Iodide	2.49	142	106020	39.898	ug/l	99
11) Tert butyl alcohol	3.01	59	185284	233.881	ug/l	100
12) 1,1-Dichloroethene	2.36	96	116857	48.819	ug/l	97
13) Acrolein	2.27	56	91141	270.449	ug/l	95
14) Allyl chloride	2.71	41	203937	46.327	ug/l	98
15) Acrylonitrile	3.12	53	388717	239.534	ug/l	99
16) Acetone	2.42	43	313895	231.908	ug/l	100
17) Carbon Disulfide	2.55	76	323775	45.548	ug/l	100
18) Methyl Acetate	2.75	43	169834	48.922	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	428382	49.838	ug/l	97
20) Methylene Chloride	2.84	84	132320	47.251	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	129499	48.910	ug/l	94
22) Diisopropyl ether	3.82	45	390701	46.200	ug/l	99
23) Vinyl Acetate	3.78	43	1760136	237.787	ug/l	97
24) 1,1-Dichloroethane	3.67	63	229709	48.126	ug/l	100
25) 2-Butanone	4.64	43	530132	231.145	ug/l	97
26) 2,2-Dichloropropane	4.55	77	203361	52.068	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	146677	47.886	ug/l	99
28) Bromochloromethane	4.98	49	98286	44.312	ug/l	91
29) Tetrahydrofuran	5.09	42	345979	233.499	ug/l	96
30) Chloroform	5.18	83	240461	49.999	ug/l	100
31) Cyclohexane	5.55	56	195335	45.490	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	219998	50.527	ug/l	99
36) 1,1-Dichloropropene	5.77	75	176969	48.036	ug/l	99
37) Ethyl Acetate	4.79	43	199992	45.215	ug/l	97
38) Carbon Tetrachloride	5.76	117	195607	50.523	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	203247	50.792	ug/l	98
40) Benzene	6.11	78	535392	48.800	ug/l	98
41) Methacrylonitrile	5.00	41	109681	45.145	ug/l	97
42) 1,2-Dichloroethane	6.17	62	189037	48.451	ug/l	99
43) Isopropyl Acetate	6.42	43	322474	46.741	ug/l	98
44) Trichloroethene	7.19	130	161181	46.304	ug/l	97
45) 1,2-Dichloropropane	7.49	63	135701	48.586	ug/l	99
46) Dibromomethane	7.64	93	94252	50.241	ug/l	97
47) Bromodichloromethane	7.88	83	195392	50.302	ug/l	98
48) Methyl methacrylate	7.74	41	155964	47.214	ug/l	97
49) 1,4-Dioxane	7.71	88	73347	948.776	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1034031	240.702	ug/l	98
52) Toluene	8.77	92	350012	50.592	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226831	51.355	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237352	50.769	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	139134	50.581	ug/l	97
56) Ethyl methacrylate	9.16	69	227562	50.796	ug/l	97
57) 1,3-Dichloropropane	9.35	76	237969	50.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	562981	240.761	ug/l	97
59) 2-Hexanone	9.48	43	803712	240.580	ug/l	98
60) Dibromochloromethane	9.57	129	162954	52.641	ug/l	99
61) 1,2-Dibromoethane	9.65	107	149173	50.642	ug/l	99
64) Tetrachloroethene	9.32	164	172436	42.080	ug/l	98
65) Chlorobenzene	10.12	112	374241	50.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148826	52.212	ug/l	97
67) Ethyl Benzene	10.24	91	663391	49.898	ug/l	100
68) m/p-Xylenes	10.34	106	503668	102.177	ug/l	99
69) o-Xylene	10.68	106	241794	50.650	ug/l	97
70) Styrene	10.70	104	422022	51.431	ug/l	99
71) Bromoform	10.84	173	129462	53.741	ug/l	# 100
73) Isopropylbenzene	11.00	105	650049	50.188	ug/l	100
74) N-amyl acetate	10.88	43	279263	46.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	183636	56.571	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	265152	64.531	ug/l	84
77) Bromobenzene	11.24	156	168832	49.699	ug/l	97
78) n-propylbenzene	11.34	91	728253	50.327	ug/l	99
79) 2-Chlorotoluene	11.41	91	437758	49.561	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	556653	51.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80765	48.351	ug/l	98
82) 4-Chlorotoluene	11.49	91	520733	49.924	ug/l	99
83) tert-Butylbenzene	11.76	119	502493	54.377	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	563100	51.484	ug/l	100
85) sec-Butylbenzene	11.93	105	613481	52.921	ug/l	100
86) p-Isopropyltoluene	12.05	119	582928	53.682	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	299140	50.827	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	298305	49.558	ug/l	98
89) n-Butylbenzene	12.37	91	484167	53.530	ug/l	99
90) Hexachloroethane	12.58	117	98733	52.639	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	283021	49.635	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51244	48.737	ug/l	96

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Response via : Initial Calibration

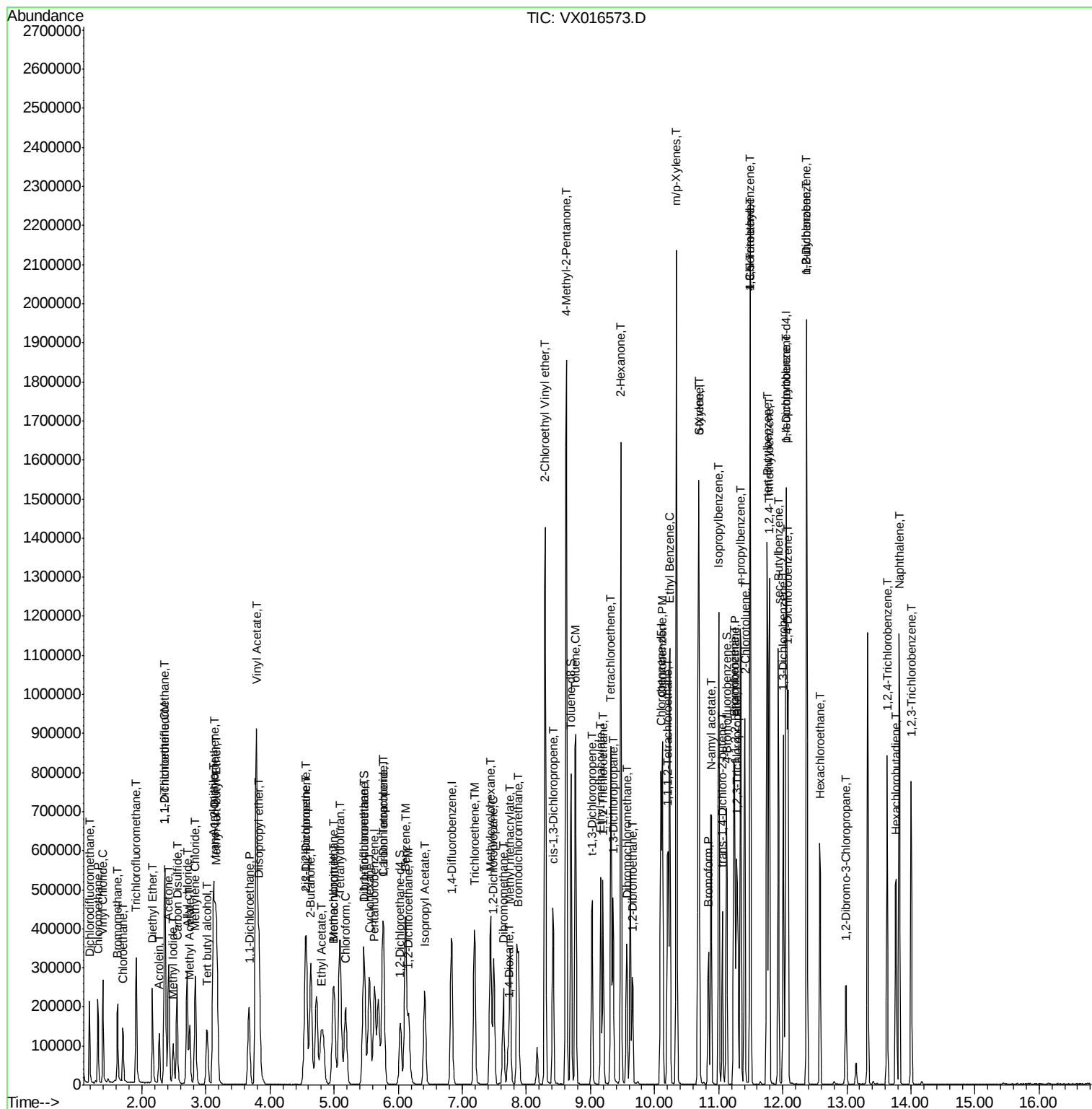
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	211030	55.725	ug/l	98
94) Hexachlorobutadiene	13.77	225	87393	58.777	ug/l	99
95) Naphthalene	13.82	128	683369	52.639	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	203812	54.935	ug/l	98

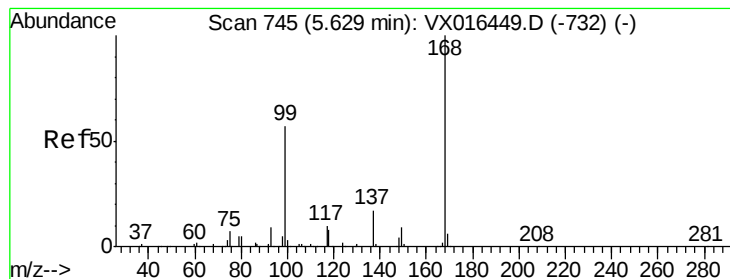
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

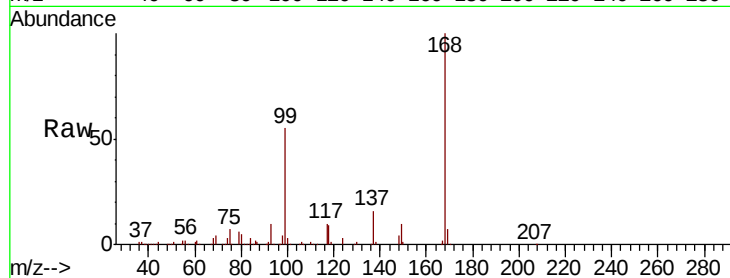
VSTDCCC050EC

Tot Ion:168 Resp: 248769

Ion Ratio Lower Upper

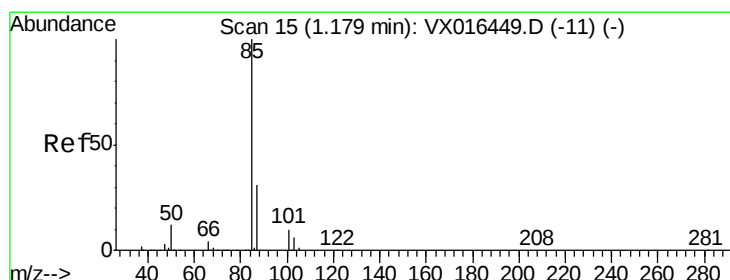
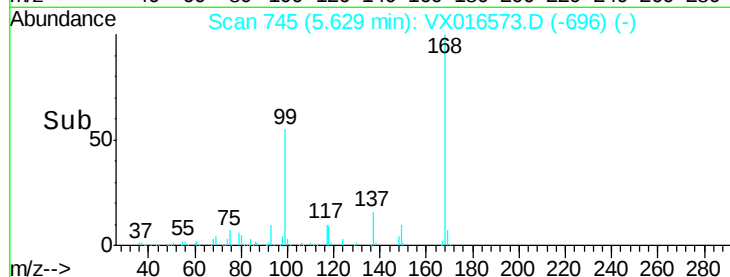
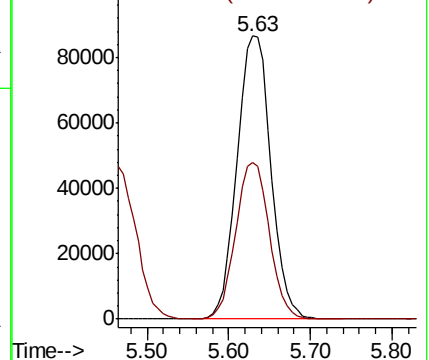
168 100

99 55.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.205 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016573.D

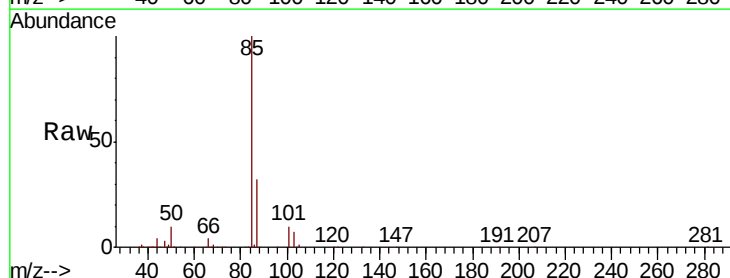
Acq: 03 Jun 2020 17:51

Tgt Ion: 85 Resp: 118013

Ion Ratio Lower Upper

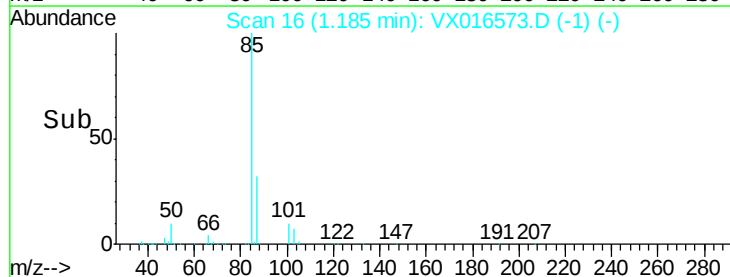
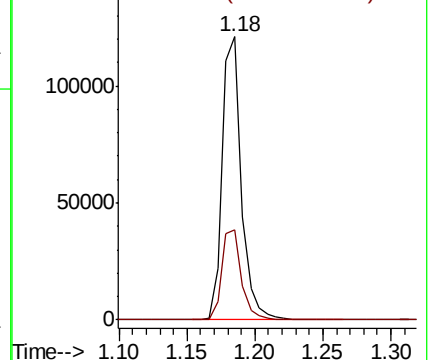
85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.242 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

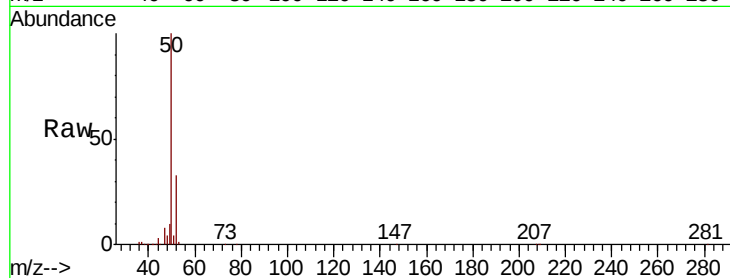
VSTDCCC050EC

Tot Ion: 50 Resp: 133848

Ion Ratio Lower Upper

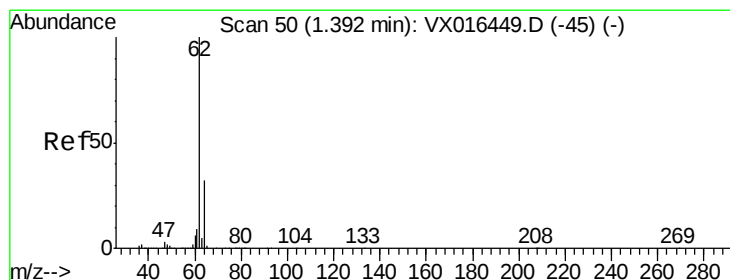
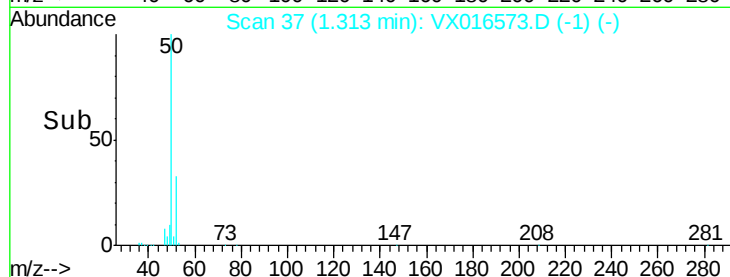
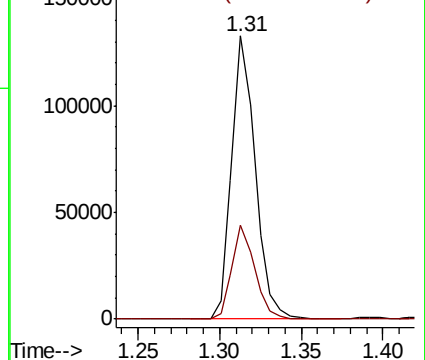
50 100

52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.353 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016573.D

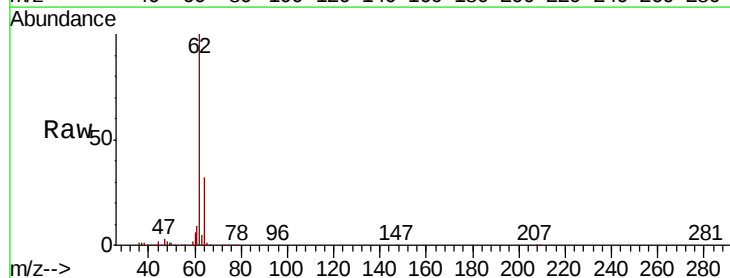
Acq: 03 Jun 2020 17:51

Tgt Ion: 62 Resp: 148154

Ion Ratio Lower Upper

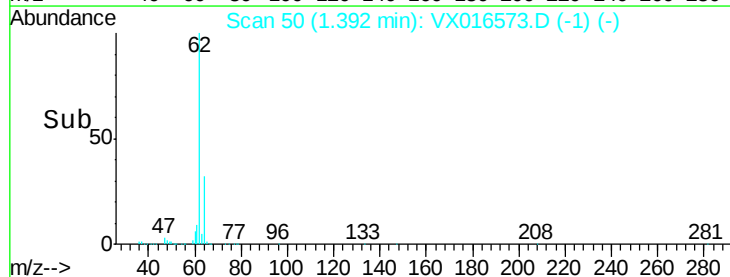
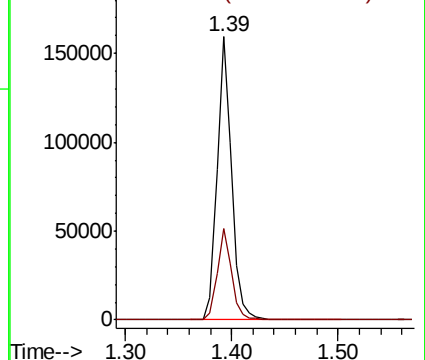
62 100

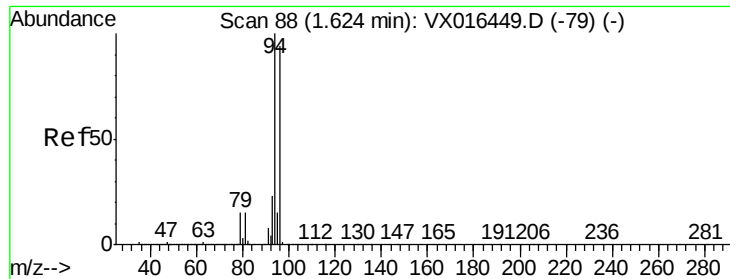
64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.350 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

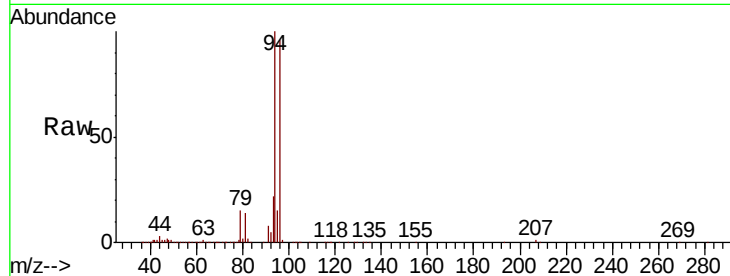
VSTDCCC050EC

Tot Ion: 94 Resp: 70510

Ion Ratio Lower Upper

94 100

96 95.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

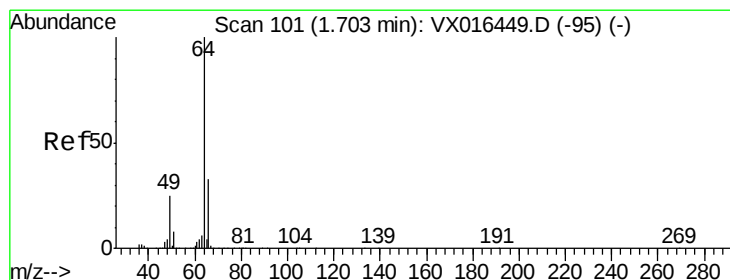
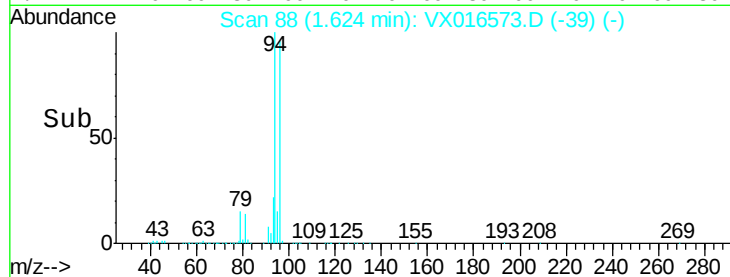
40000

20000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 48.709 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016573.D

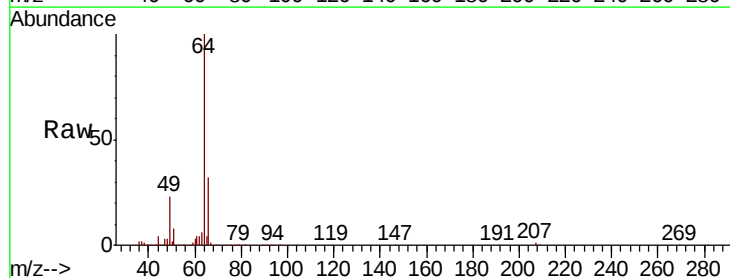
Acq: 03 Jun 2020 17:51

Tgt Ion: 64 Resp: 88897

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

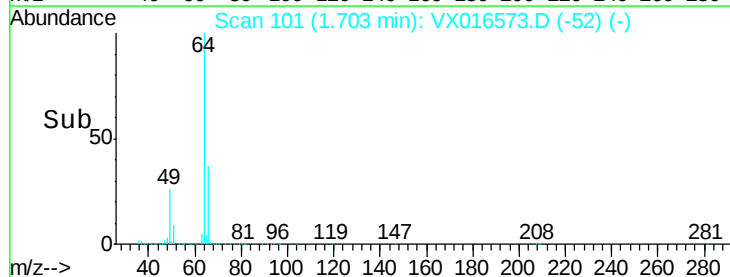
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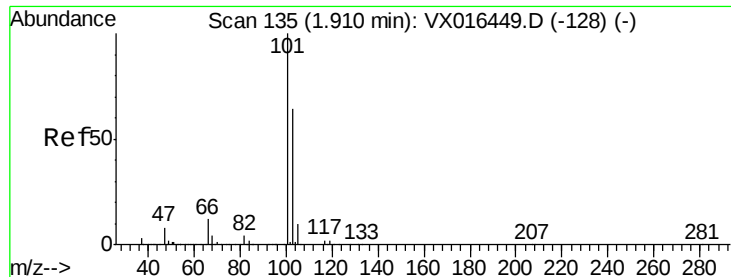
20000

0

Time-->

1.65 1.70 1.75 1.80



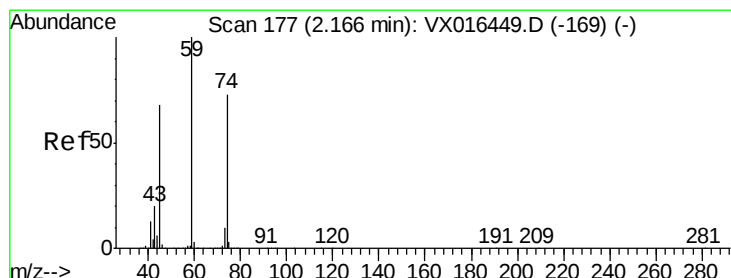
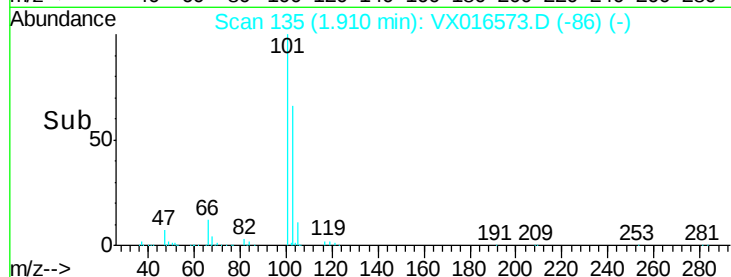
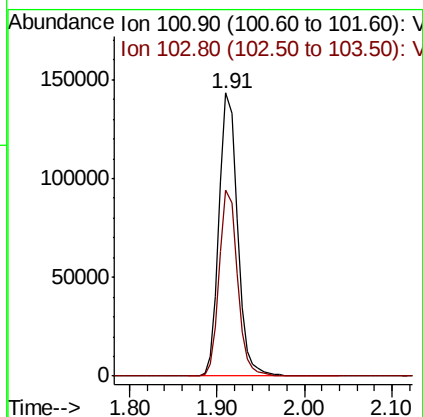
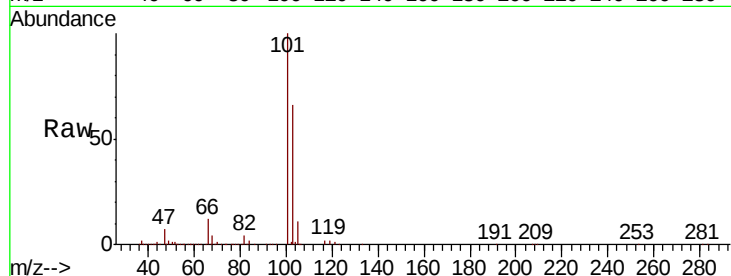


#7

Trichlorofluoromethane
 Concen: 50.765 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
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 VSTDCCC050EC

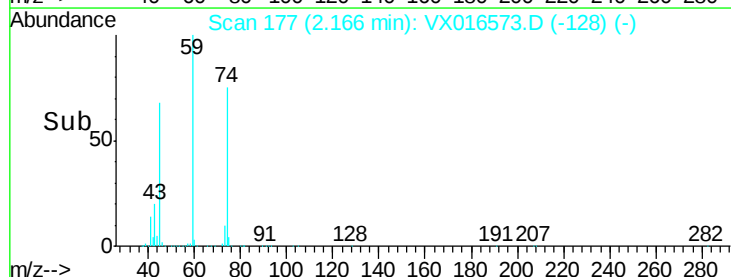
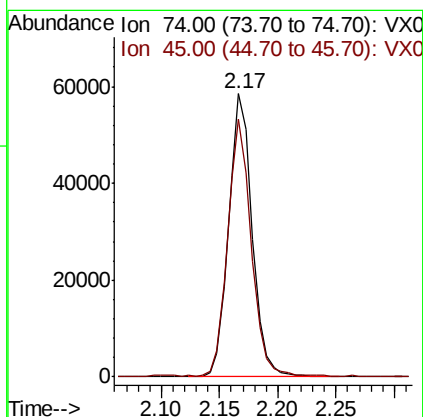
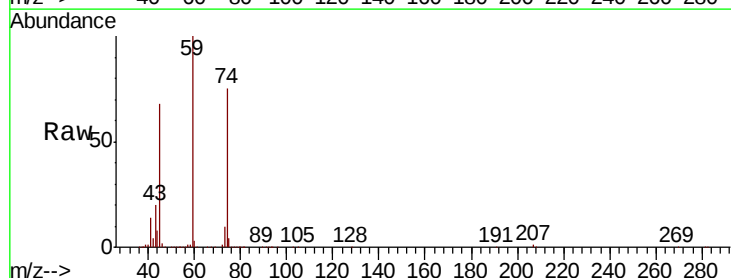
Tot Ion:101 Resp: 208586
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.9 76.3

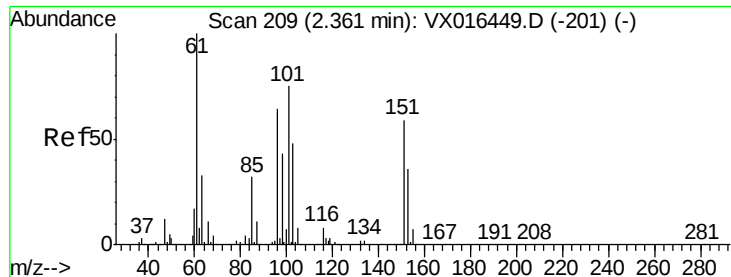


#8

Diethyl Ether
 Concen: 47.962 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion: 74 Resp: 82175
 Ion Ratio Lower Upper
 74 100
 45 90.2 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.467 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

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MSVOA_X

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VSTDCCC050EC

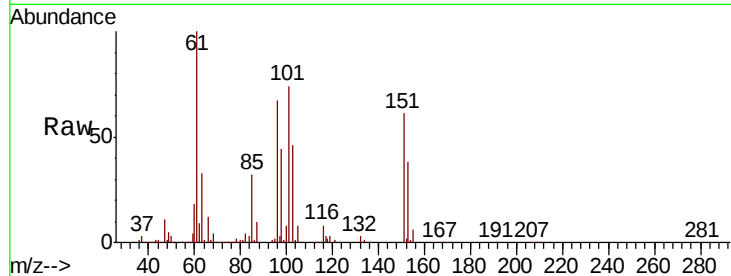
Tot Ion:101 Resp: 111865

Ion Ratio Lower Upper

101 100

85 43.2 34.4 51.6

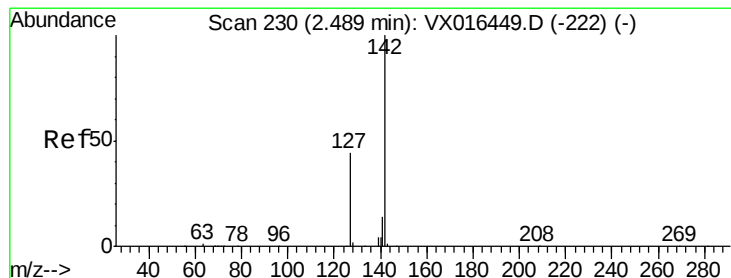
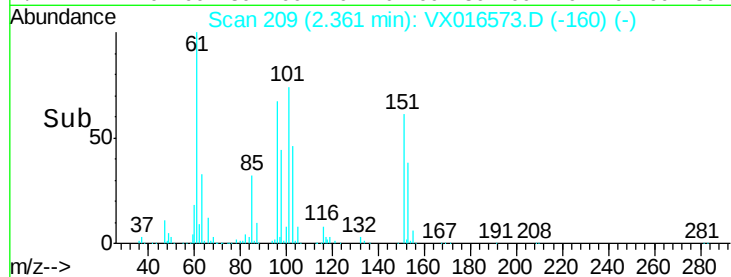
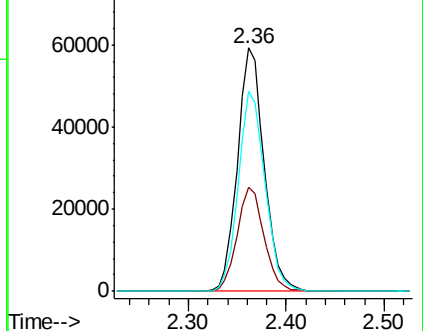
151 82.9 63.8 95.6



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: 39.898 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

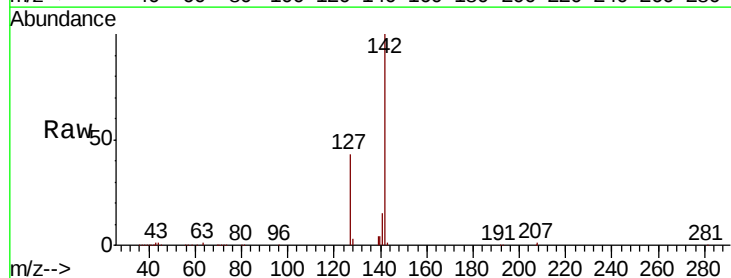
Tgt Ion:142 Resp: 106020

Ion Ratio Lower Upper

142 100

127 43.3 35.3 52.9

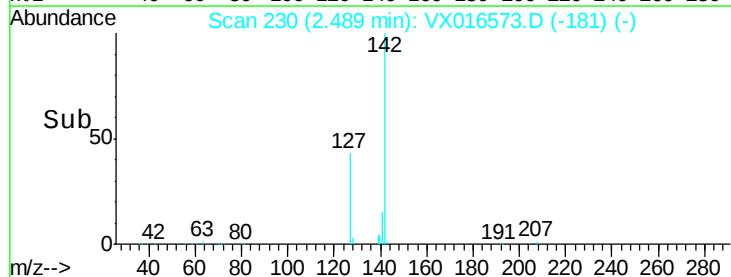
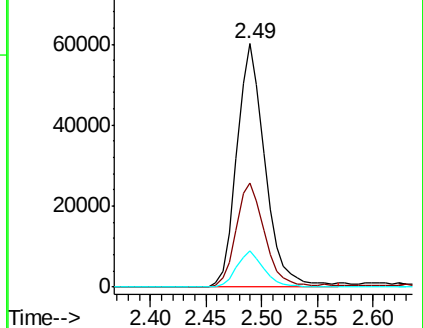
141 14.5 11.4 17.2

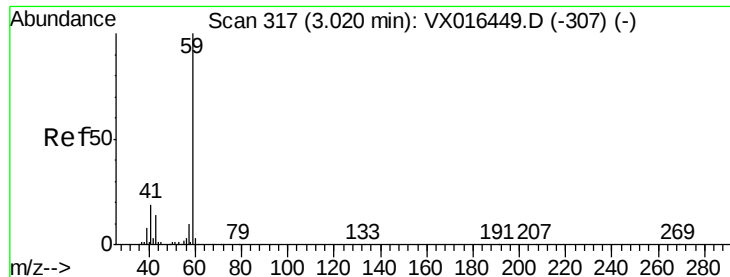


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

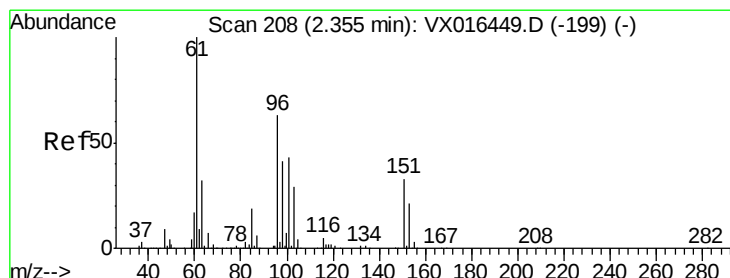
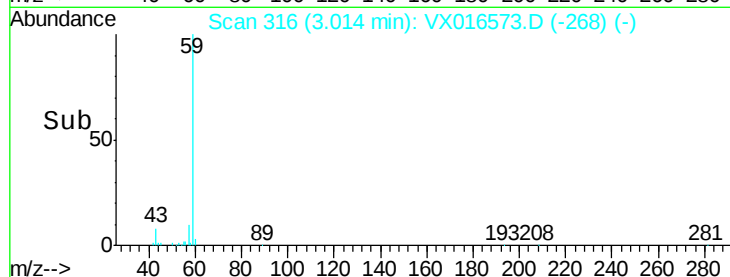
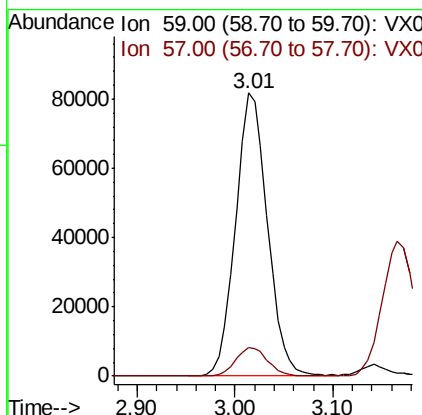
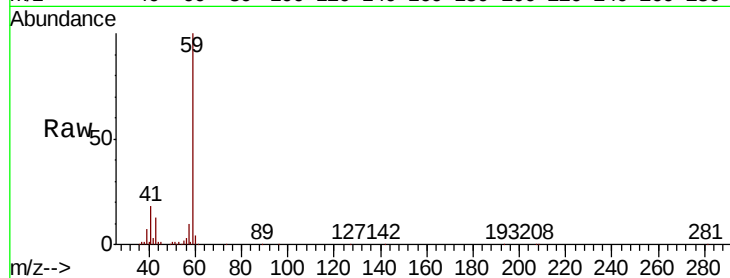




#11
Tert butyl alcohol
Concen: 233.881 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

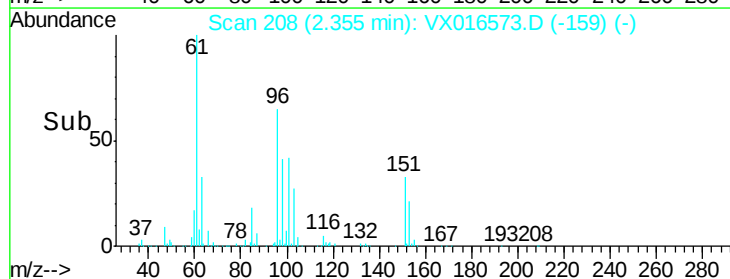
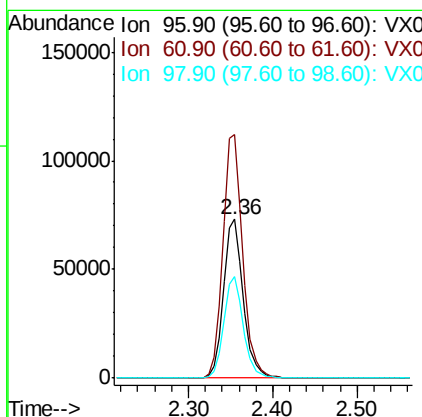
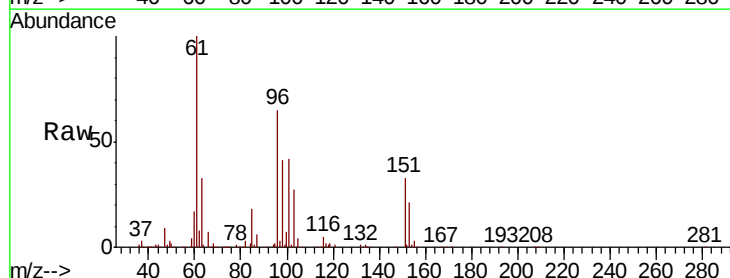
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

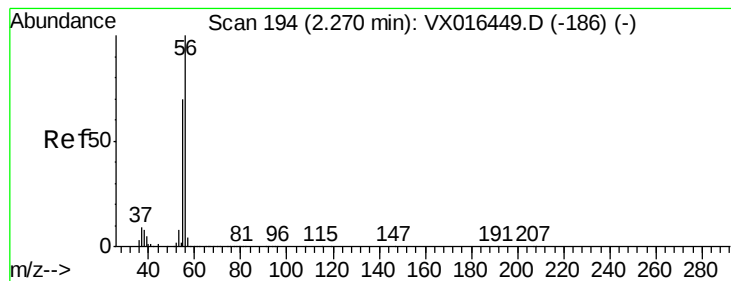
Tot Ion: 59 Resp: 185284
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.819 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 96 Resp: 116857
Ion Ratio Lower Upper
96 100
61 153.3 126.6 189.8
98 63.6 51.3 76.9





#13

Acrolein

Concen: 270.449 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

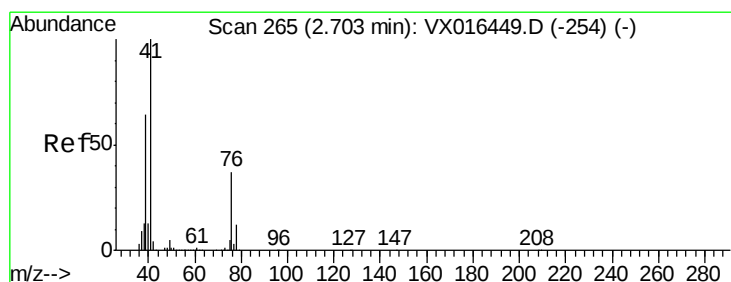
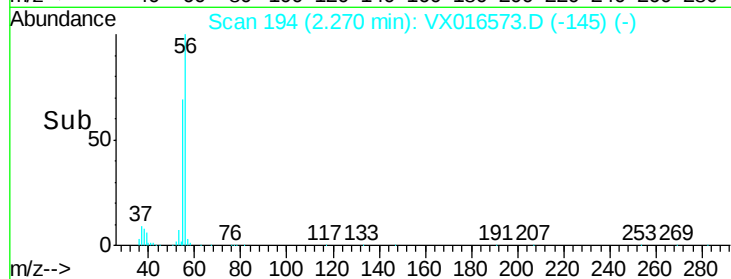
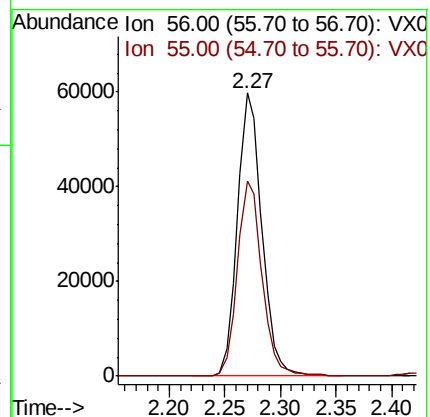
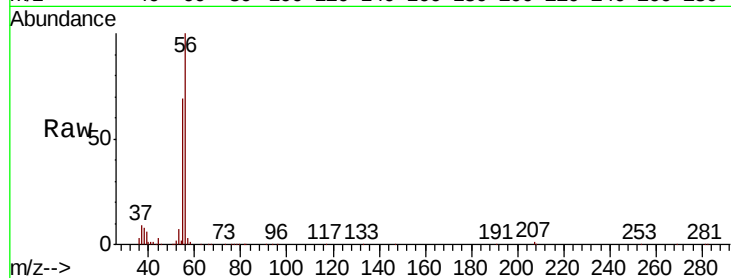
VSTDCCC050EC

Tot Ion: 56 Resp: 91141

Ion Ratio Lower Upper

56 100

55 68.8 58.3 87.5



#14

Allyl chloride

Concen: 46.327 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

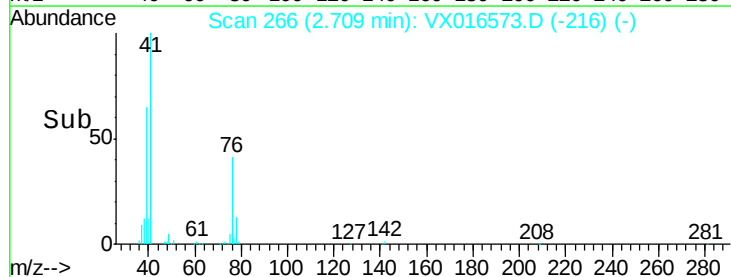
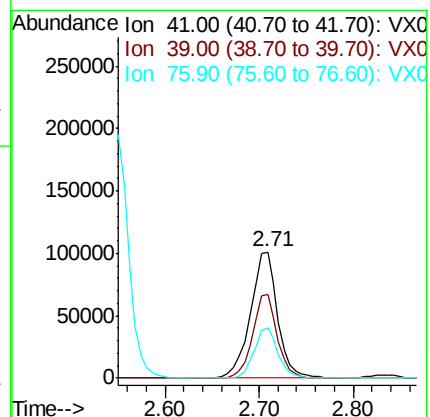
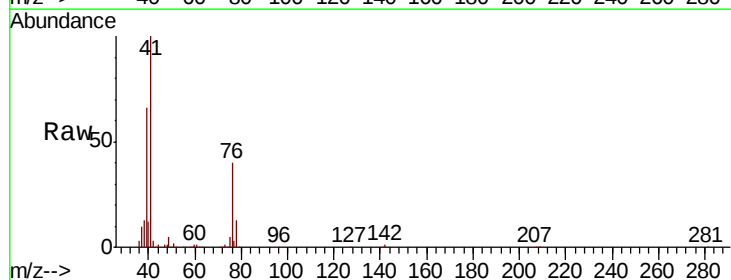
Tgt Ion: 41 Resp: 203937

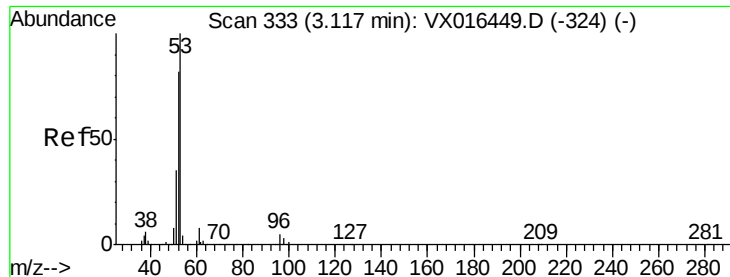
Ion Ratio Lower Upper

41 100

39 60.2 47.7 71.5

76 35.3 26.6 40.0





#15

Acrylonitrile

Concen: 239.534 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

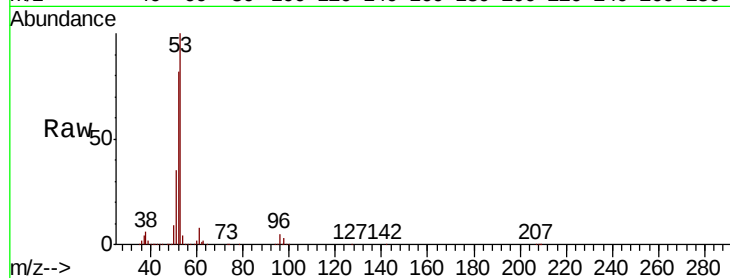
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 388717

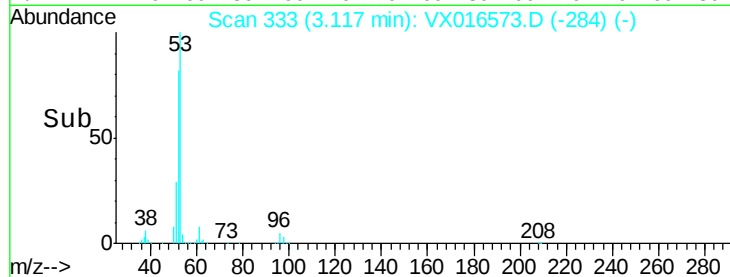
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.7	100.1
51	35.2	28.6	43.0



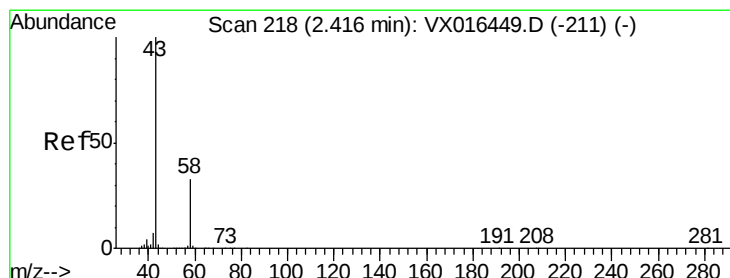
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 231.908 ug/l

RT: 2.42 min Scan# 218

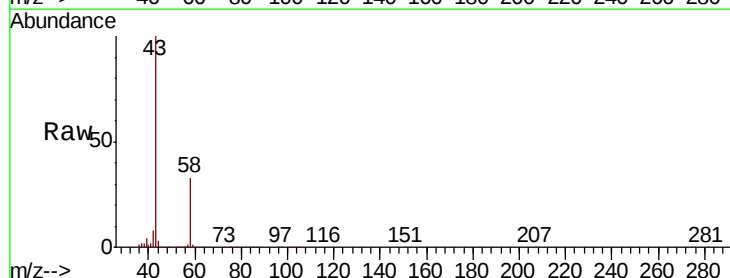
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

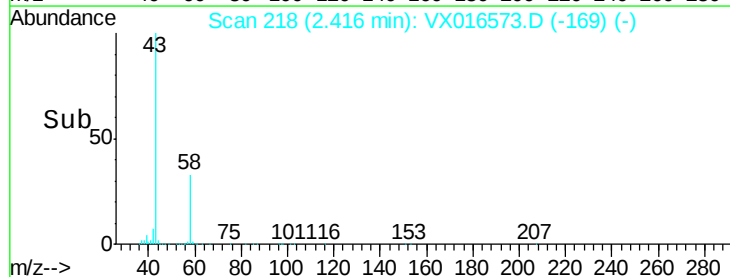
Tgt Ion: 43 Resp: 313895

Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.1	39.1

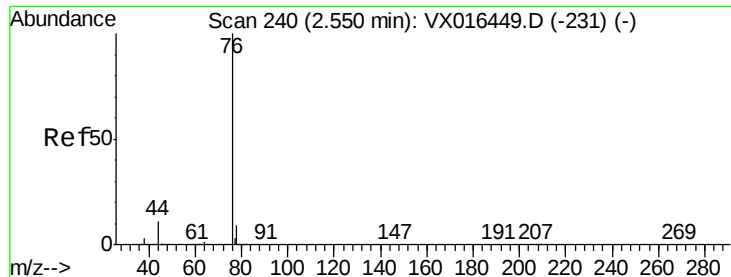


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 45.548 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

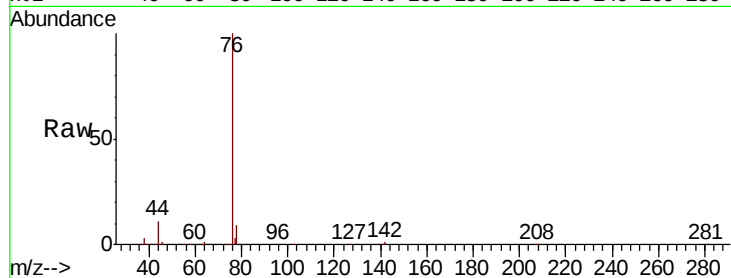
VSTDCCC050EC

Tot Ion: 76 Resp: 323775

Ion Ratio Lower Upper

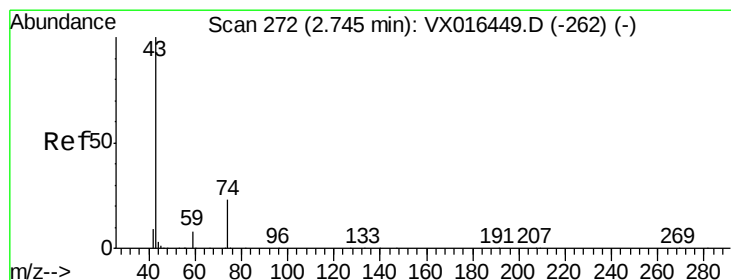
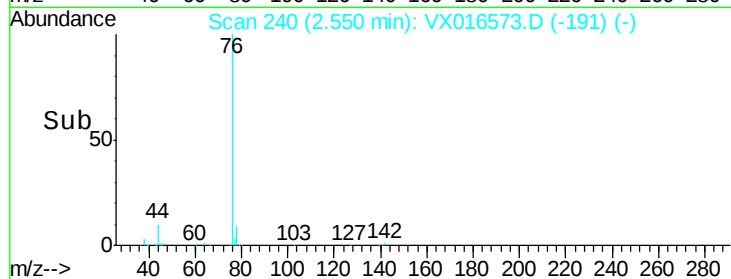
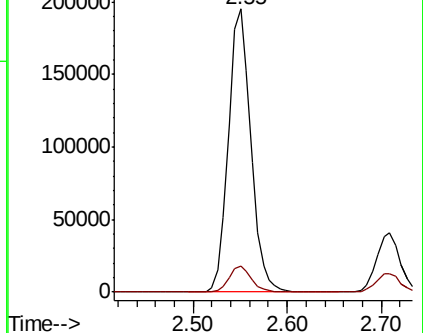
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.922 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016573.D

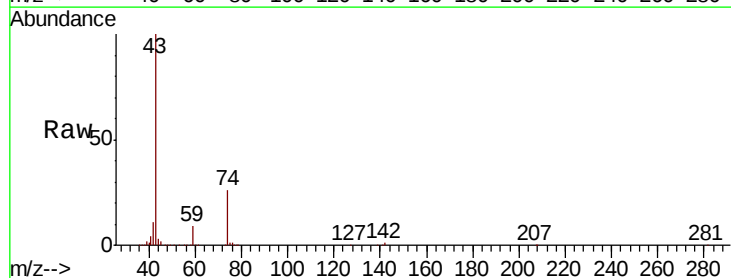
Acq: 03 Jun 2020 17:51

Tgt Ion: 43 Resp: 169834

Ion Ratio Lower Upper

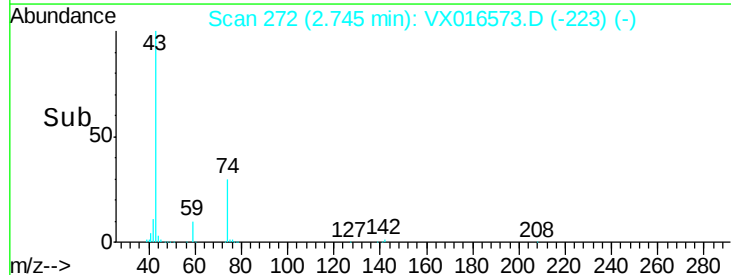
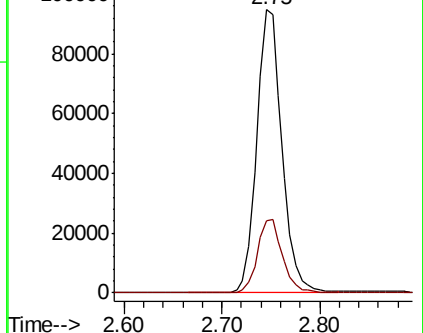
43 100

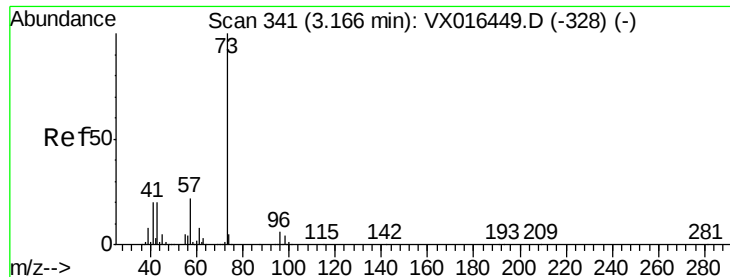
74 26.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



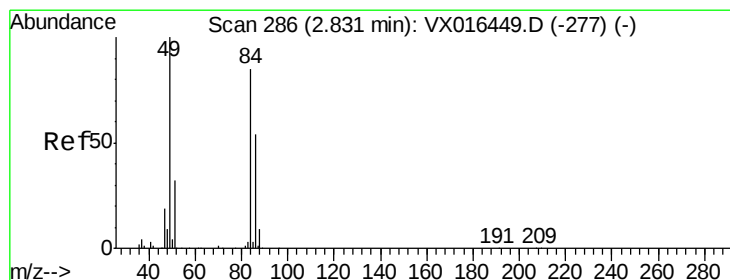
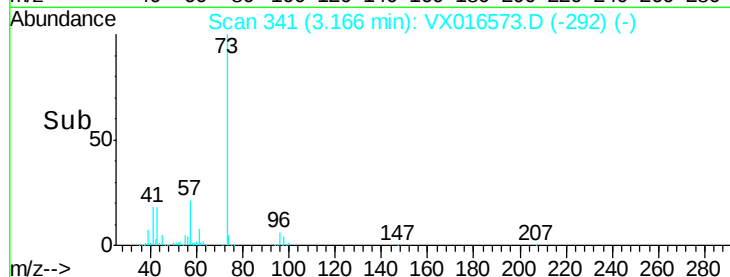
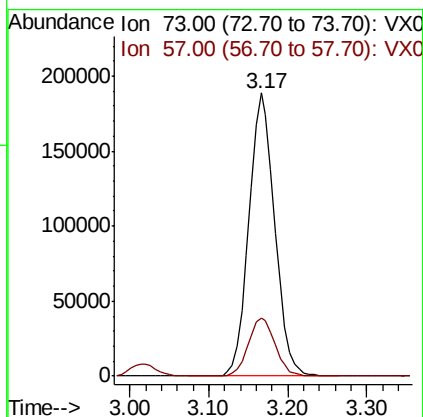
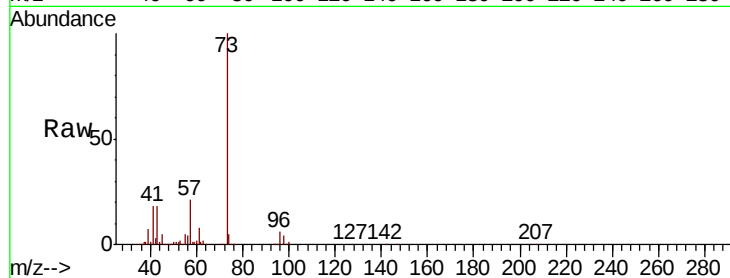


#19

Methyl tert-butyl Ether
 Concen: 49.838 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

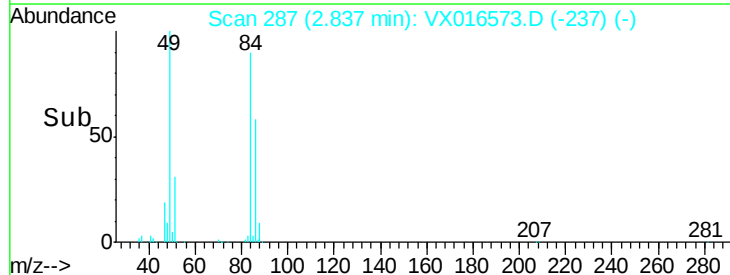
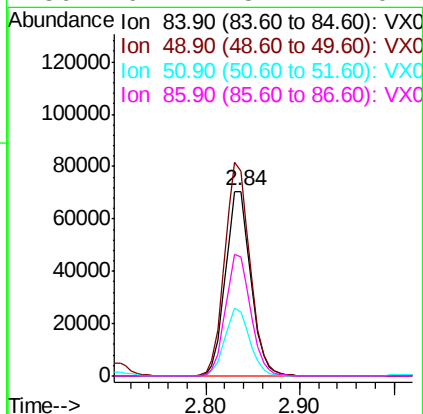
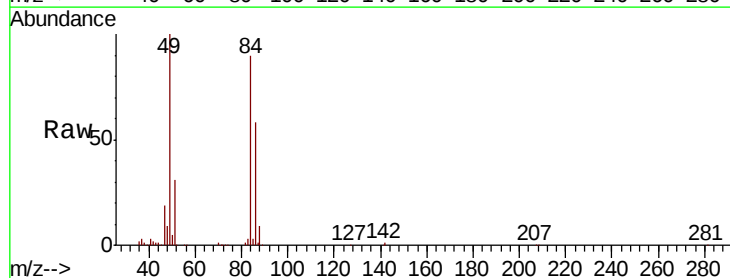
Tot Ion: 73 Resp: 428382
 Ion Ratio Lower Upper
 73 100
 57 20.6 17.8 26.6

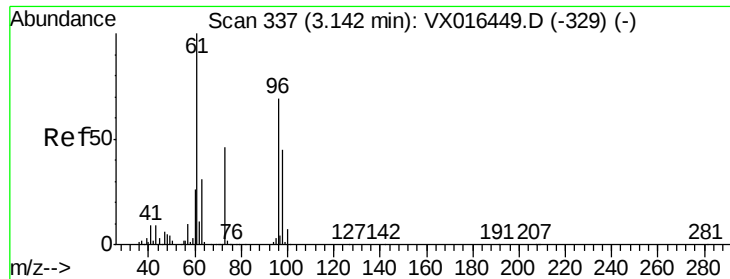


#20

Methylene Chloride
 Concen: 47.251 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion: 84 Resp: 132320
 Ion Ratio Lower Upper
 84 100
 49 111.2 94.5 141.7
 51 34.5 30.2 45.4
 86 64.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.910 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

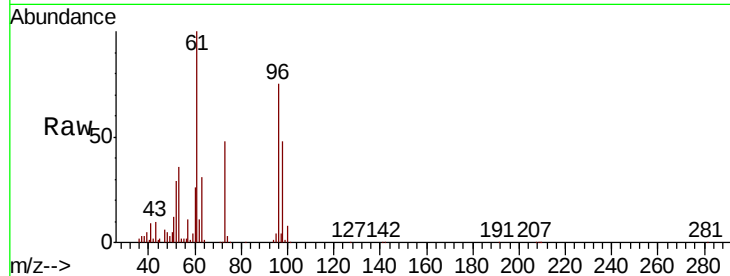
Tot Ion: 96 Resp: 129499

Ion Ratio Lower Upper

96 100

61 133.8 115.3 172.9

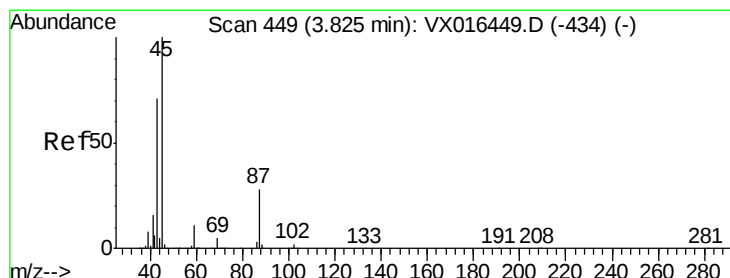
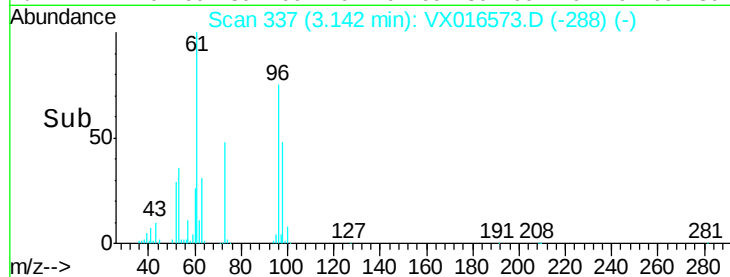
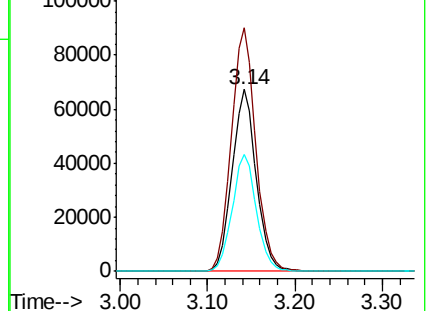
98 64.0 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.200 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion: 45 Resp: 390701

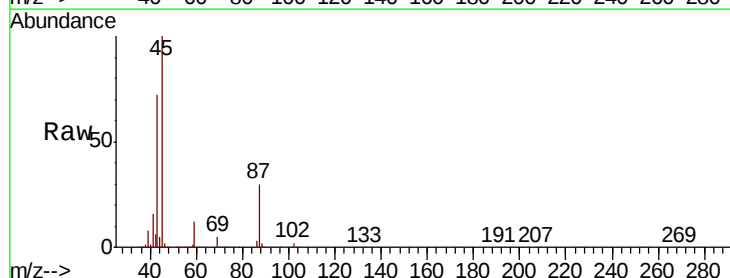
Ion Ratio Lower Upper

45 100

43 71.6 57.0 85.6

87 29.5 22.5 33.7

59 12.1 9.1 13.7

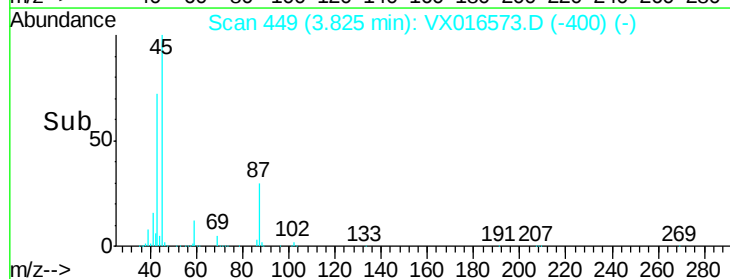
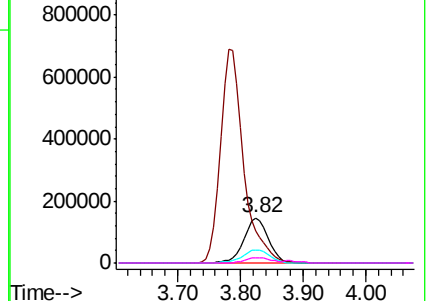


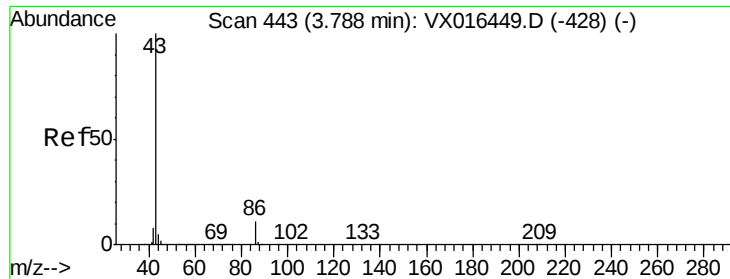
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.787 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

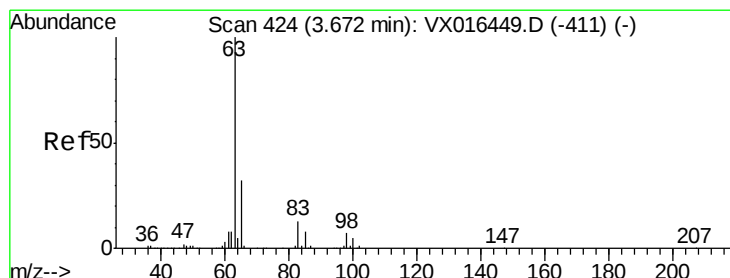
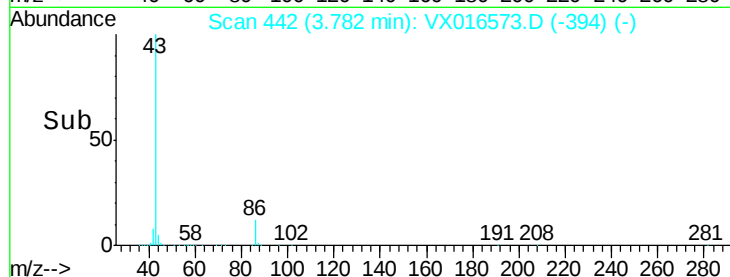
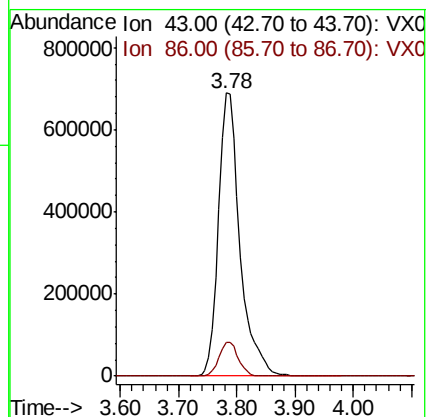
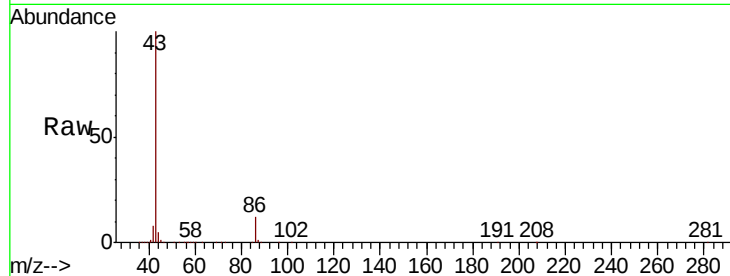
VSTDCCC050EC

Tot Ion: 43 Resp: 1760136

Ion Ratio Lower Upper

43 100

86 11.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.126 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

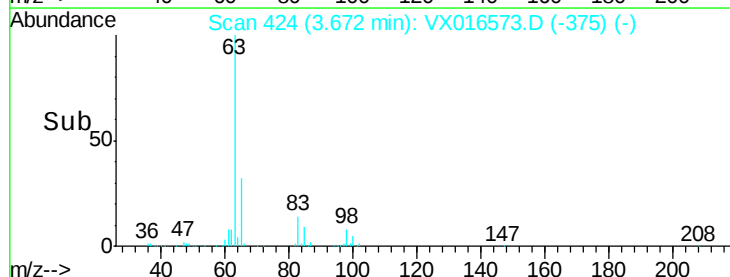
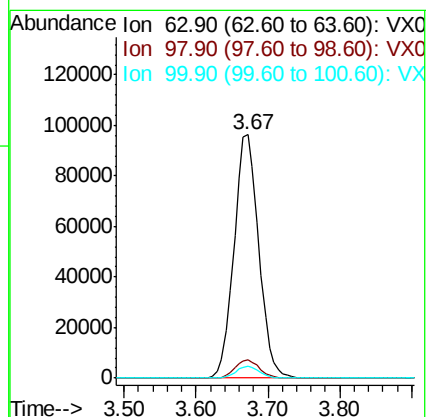
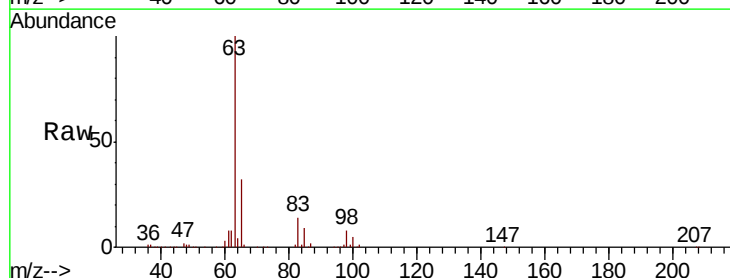
Tgt Ion: 63 Resp: 229709

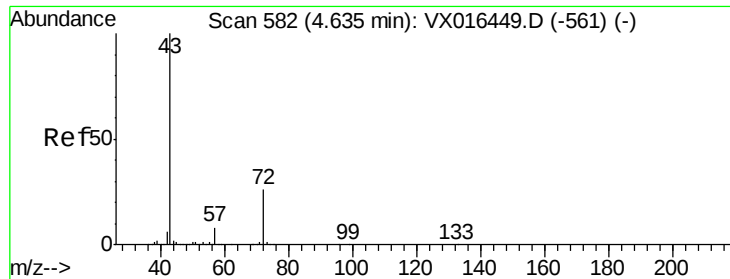
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 231.145 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

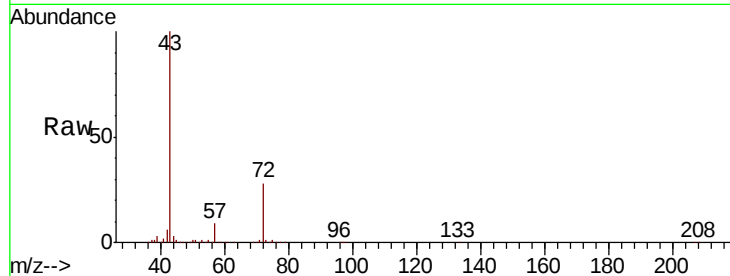
VSTDCCC050EC

Tot Ion: 43 Resp: 530132

Ion Ratio Lower Upper

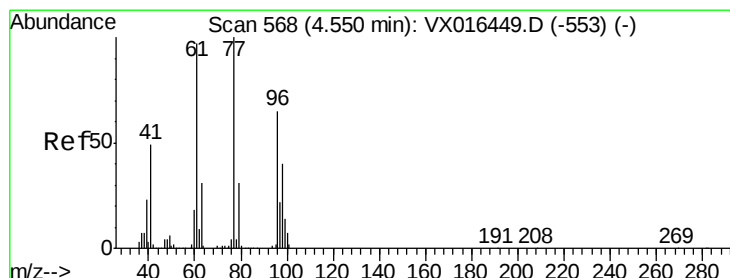
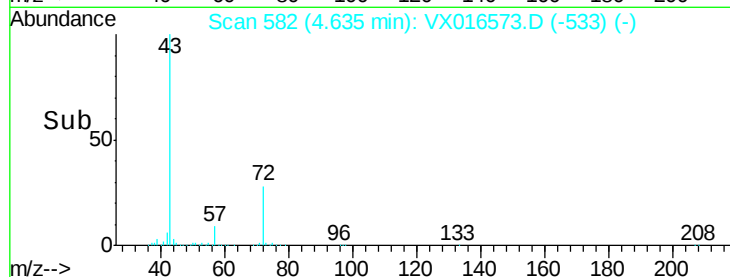
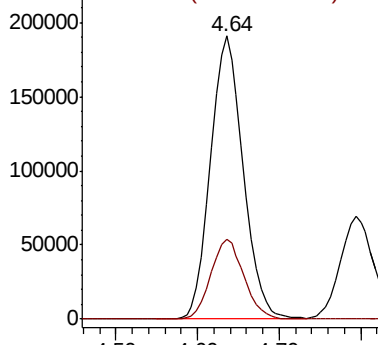
43 100

72 28.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.068 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016573.D

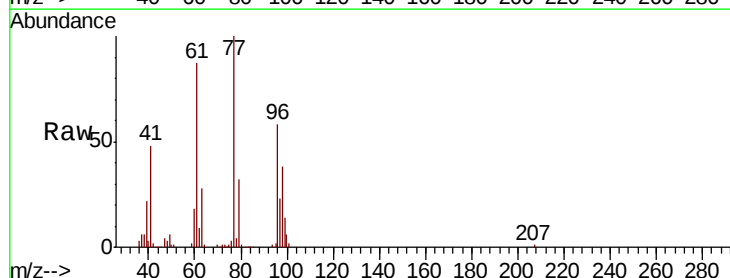
Acq: 03 Jun 2020 17:51

Tgt Ion: 77 Resp: 203361

Ion Ratio Lower Upper

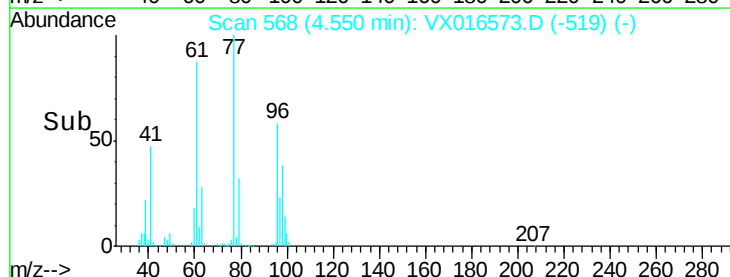
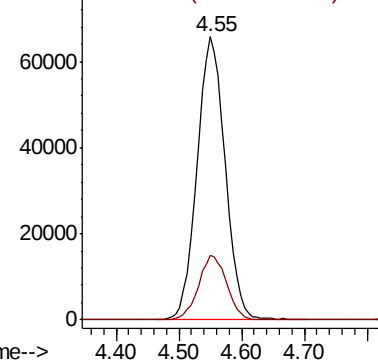
77 100

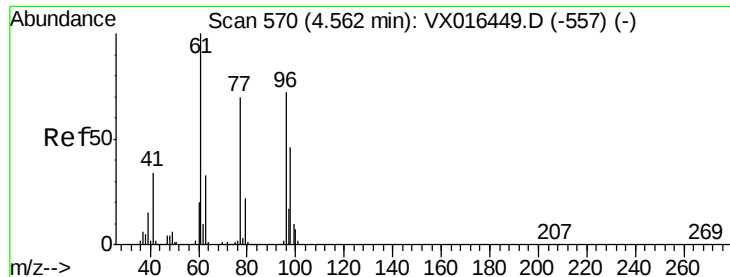
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



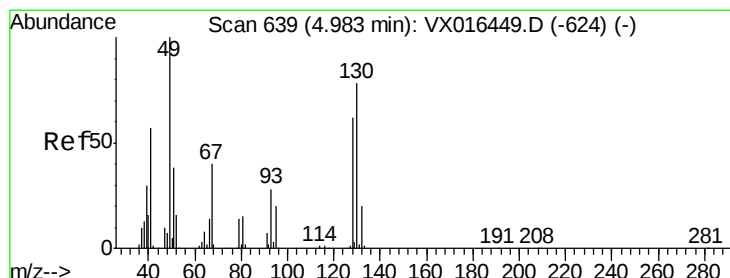
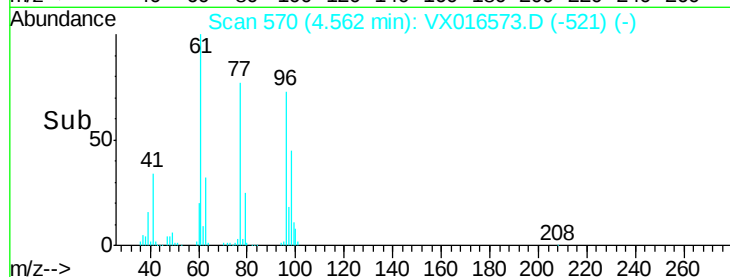
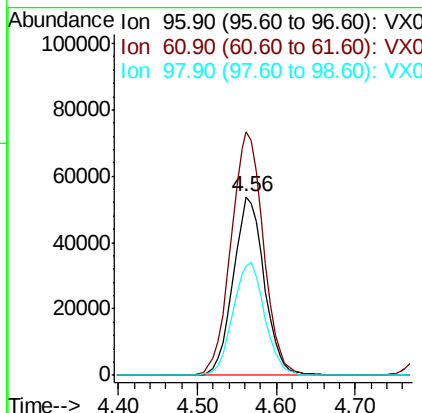
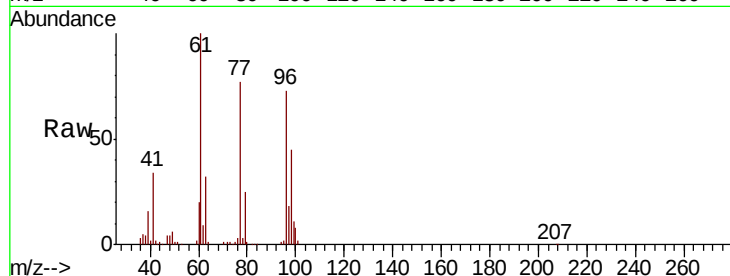


#27

cis-1,2-Dichloroethene
Concen: 47.886 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

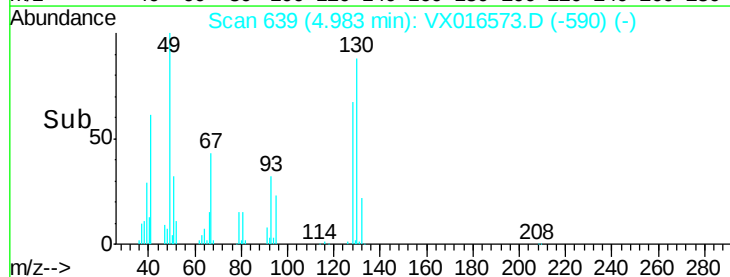
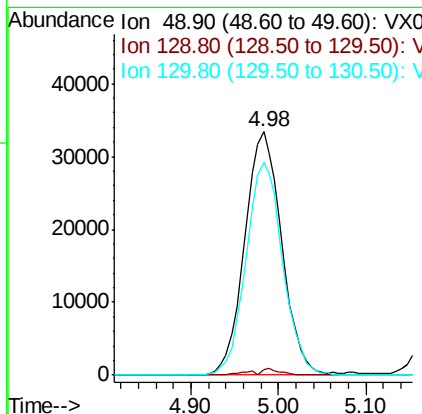
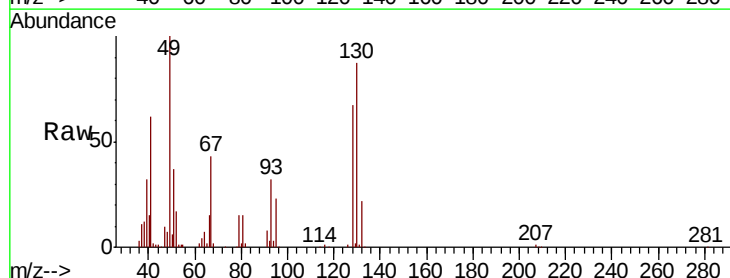
Tot Ion	96	Resp	146677
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	284.6
98	65.0	0.0	127.2

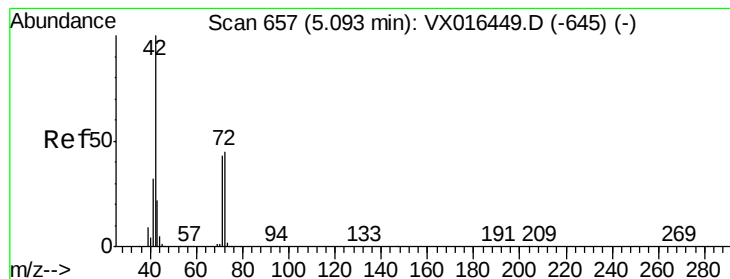


#28

Bromochloromethane
Concen: 44.312 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	49	Resp	98286
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	86.7	63.0	94.4





#29

Tetrahydrofuran

Concen: 233.499 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

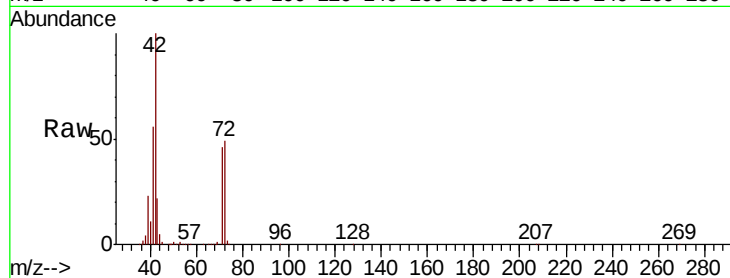
Tot Ion: 42 Resp: 345979

Ion Ratio Lower Upper

42 100

72 48.6 37.0 55.4

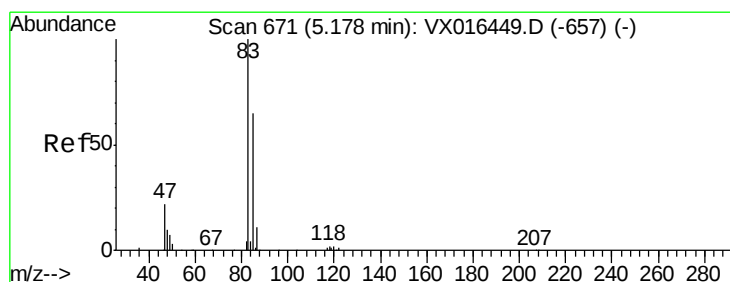
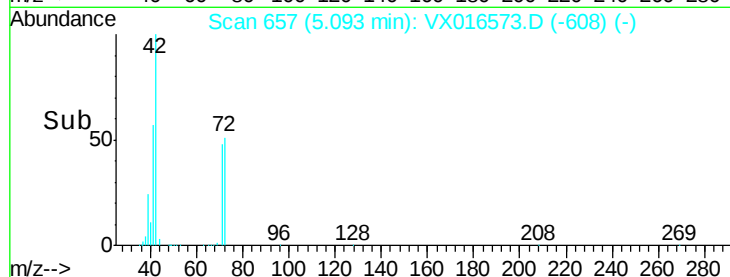
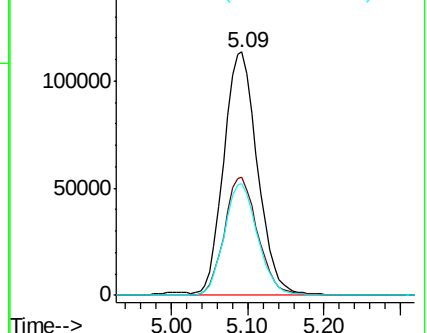
71 45.4 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.999 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016573.D

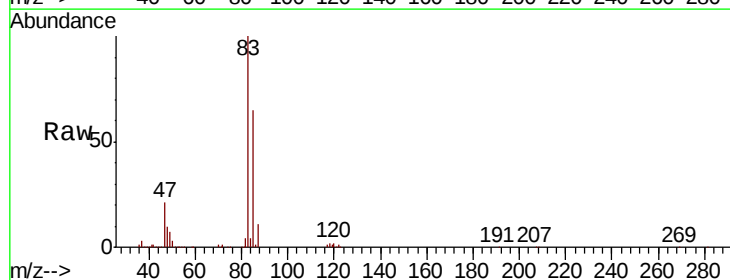
Acq: 03 Jun 2020 17:51

Tgt Ion: 83 Resp: 240461

Ion Ratio Lower Upper

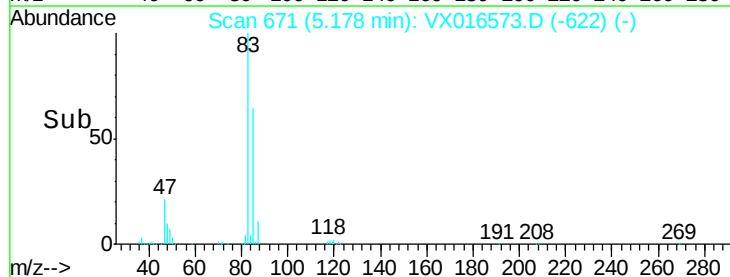
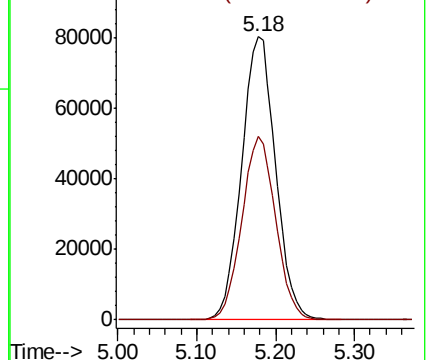
83 100

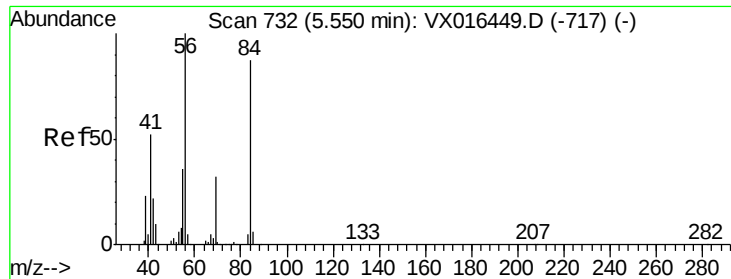
85 64.8 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

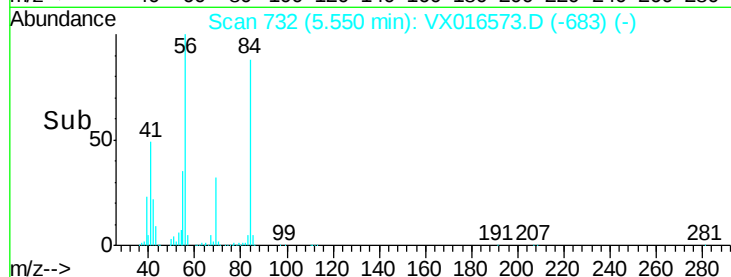
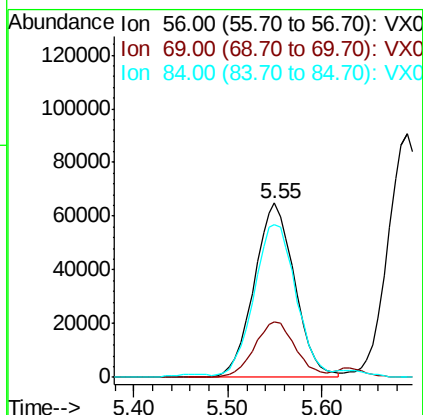
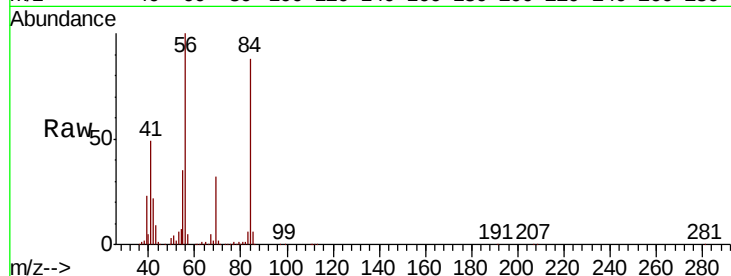




#31
Cyclohexane
Concen: 45.490 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

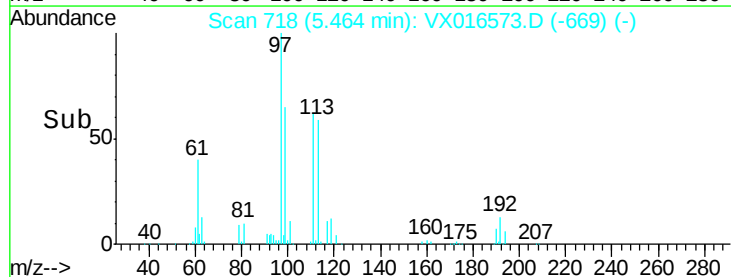
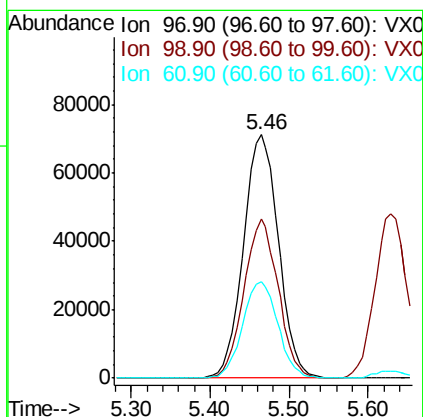
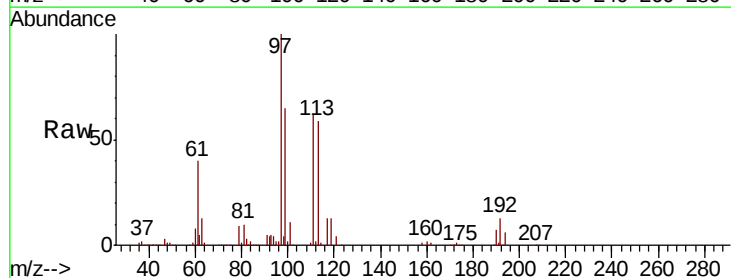
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 195335
Ion Ratio Lower Upper
56 100
69 31.6 25.7 38.5
84 86.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.527 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 97 Resp: 219998
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 40.1 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

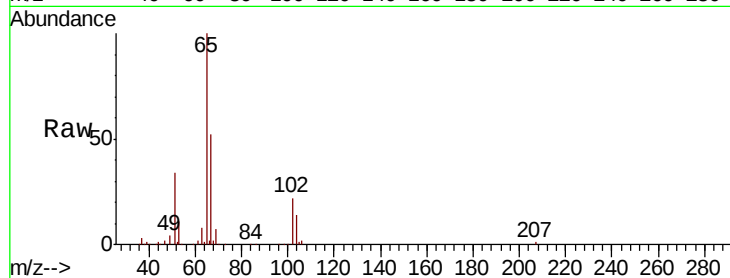
VSTDCCC050EC

Tot Ion: 65 Resp: 151417

Ion Ratio Lower Upper

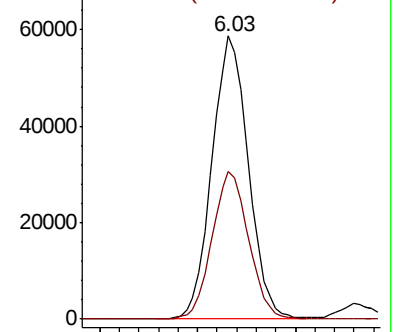
65 100

67 52.3 0.0 104.8

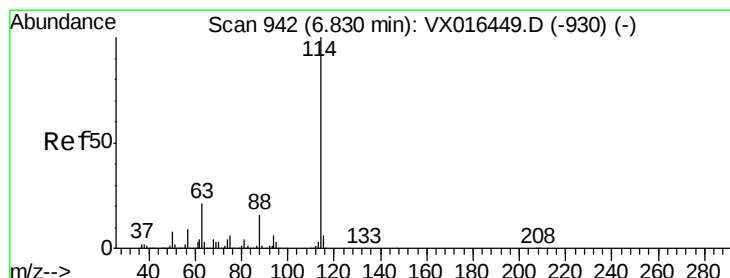
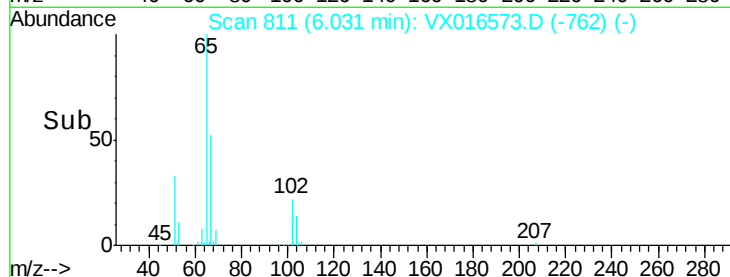


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

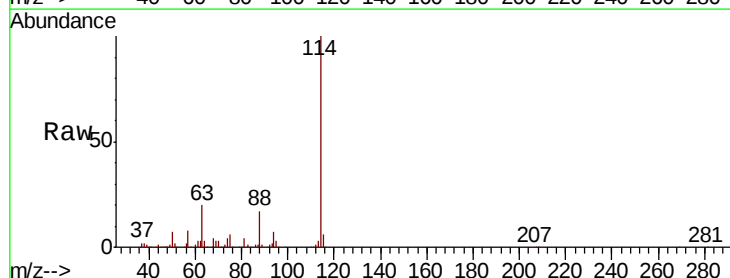
Tgt Ion: 114 Resp: 389109

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

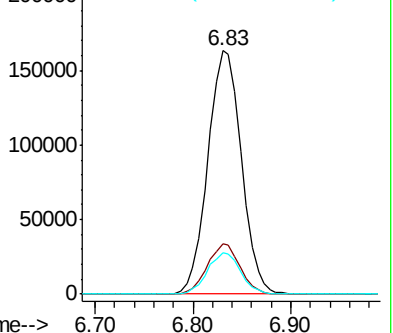
88 16.9 0.0 32.8



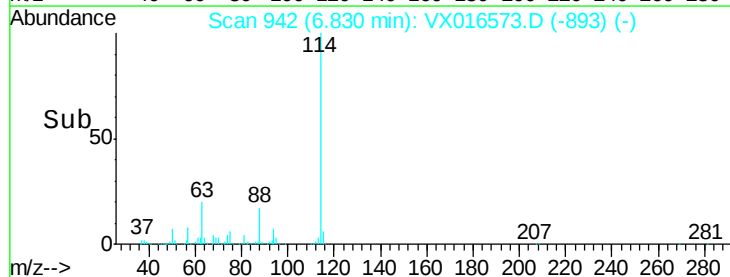
Abundance Ion 113.90 (113.60 to 114.60): V

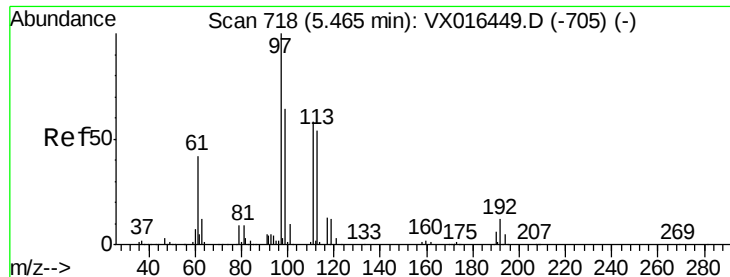
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->

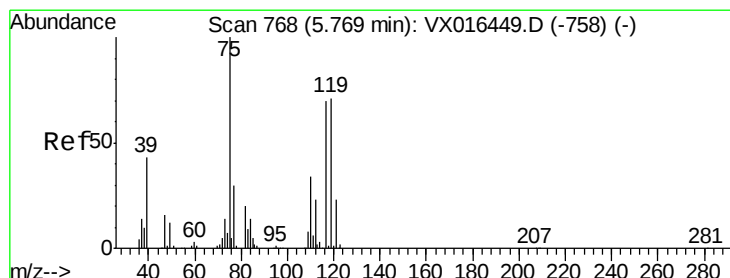
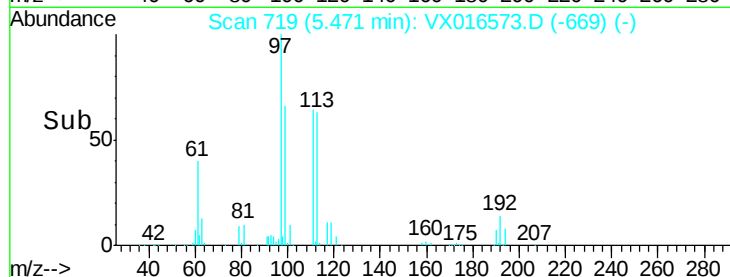
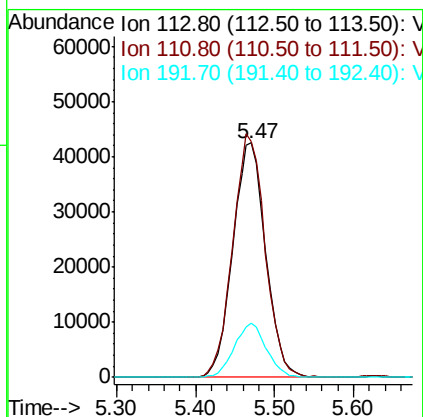
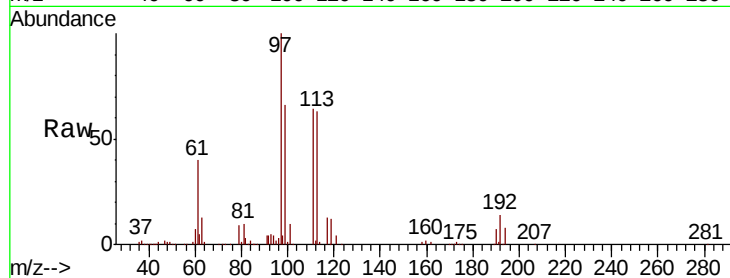




#35
Dibromofluoromethane
Concen: 51.199 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

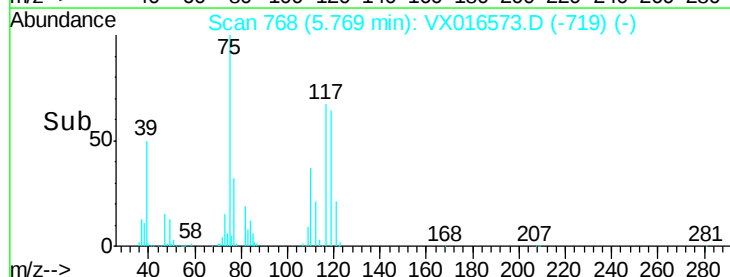
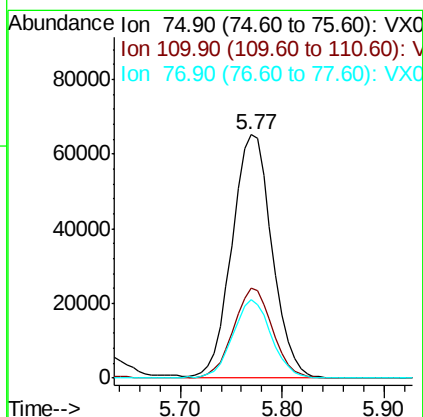
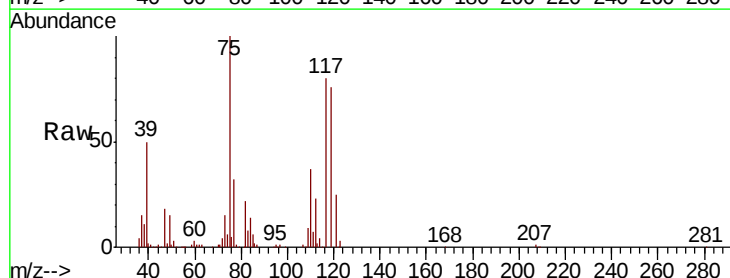
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

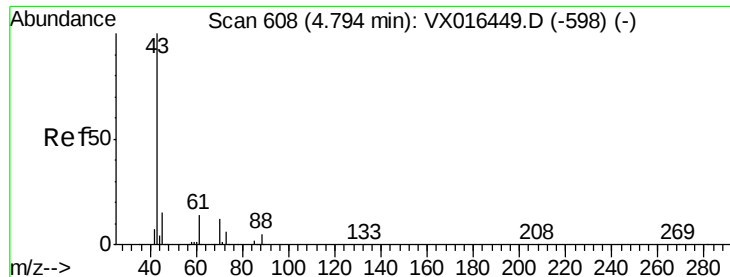
Tot Ion:113 Resp: 122668
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 22.6 17.7 26.5



#36
1,1-Dichloropropene
Concen: 48.036 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 75 Resp: 176969
Ion Ratio Lower Upper
75 100
110 36.1 17.4 52.3
77 30.7 24.2 36.4

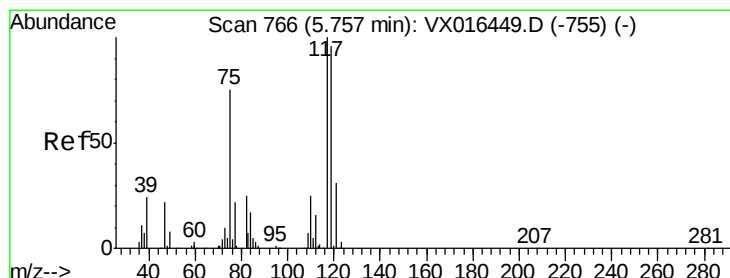
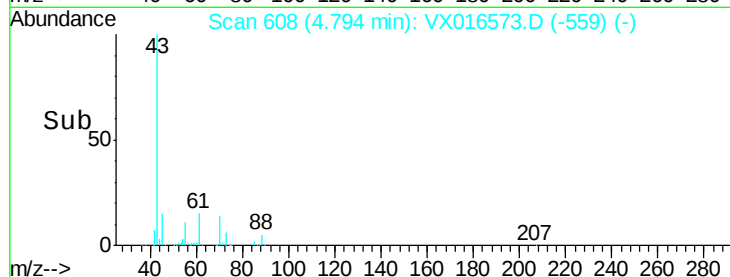
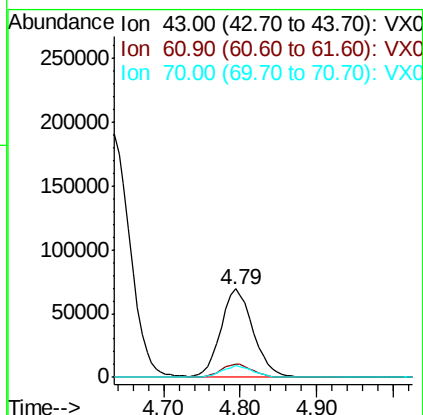
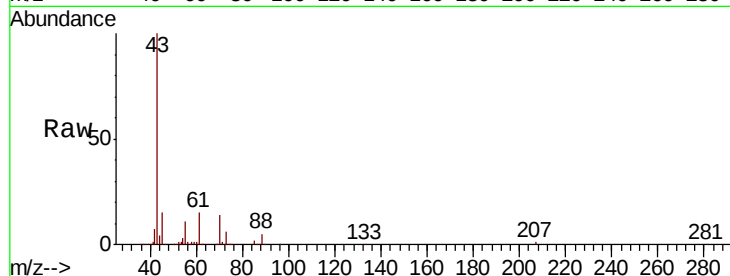




#37
Ethyl Acetate
Concen: 45.215 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

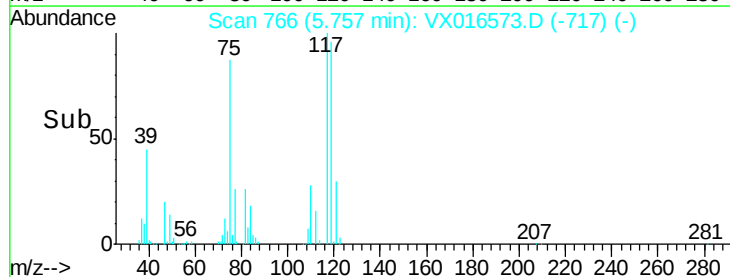
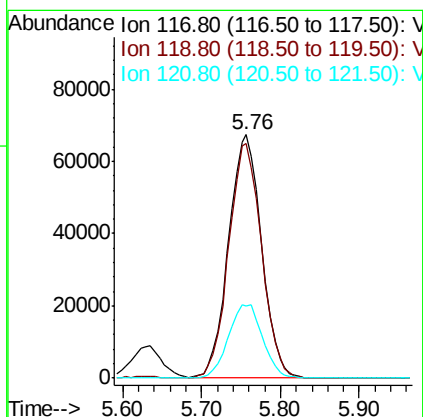
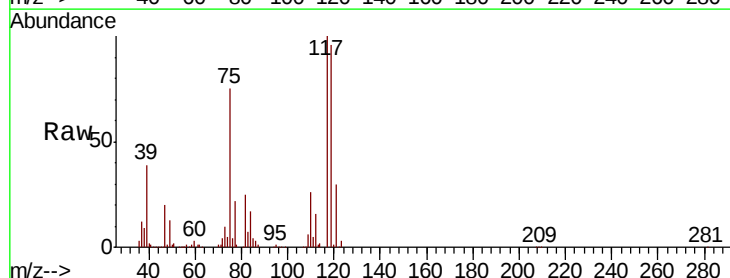
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

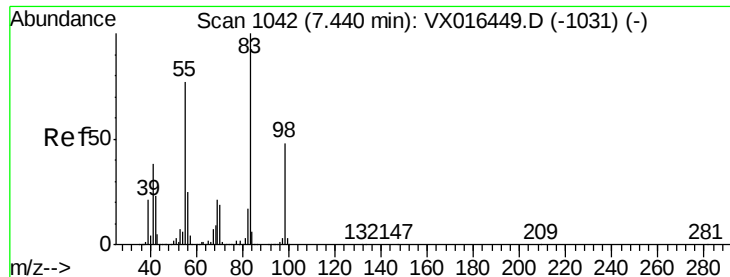
Tot Ion	43	Resp	199992
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.3	16.9
70	12.9	9.3	13.9



#38
Carbon Tetrachloride
Concen: 50.523 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	117	Resp	195607
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.3	114.5
121	29.8	24.6	37.0

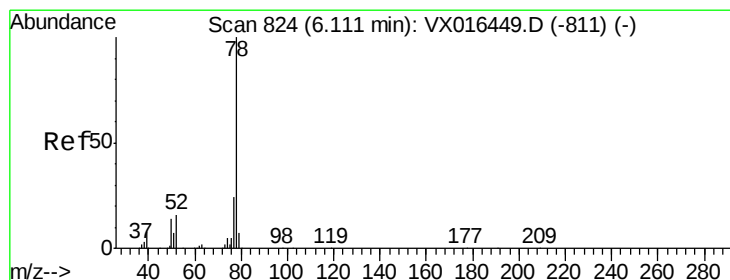
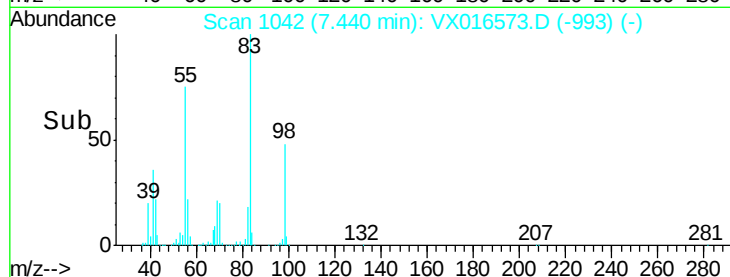
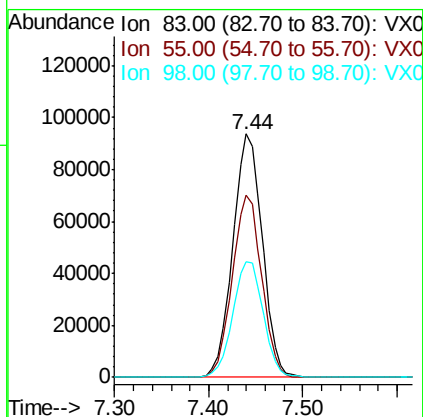
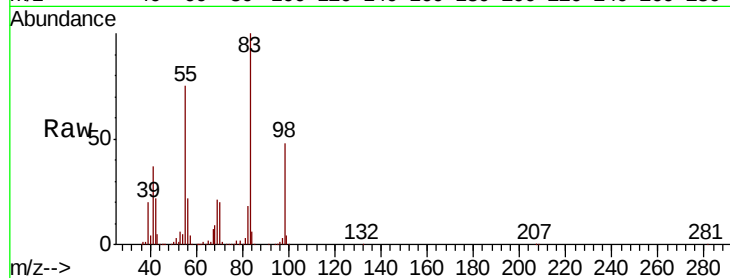




#39
Methvlcvclohexane
Concen: 50.792 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

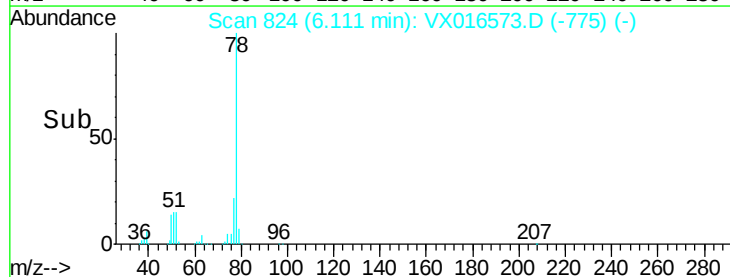
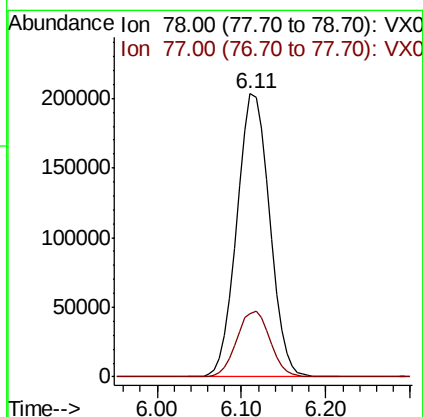
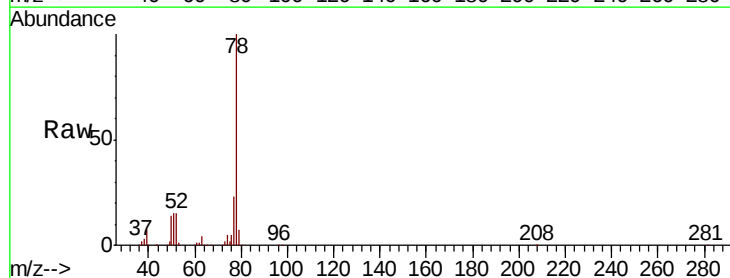
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 203247
Ion Ratio Lower Upper
83 100
55 74.8 61.7 92.5
98 47.7 38.7 58.1



#40
Benzene
Concen: 48.800 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 78 Resp: 535392
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

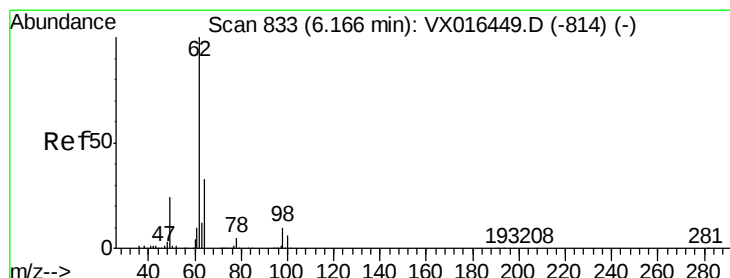
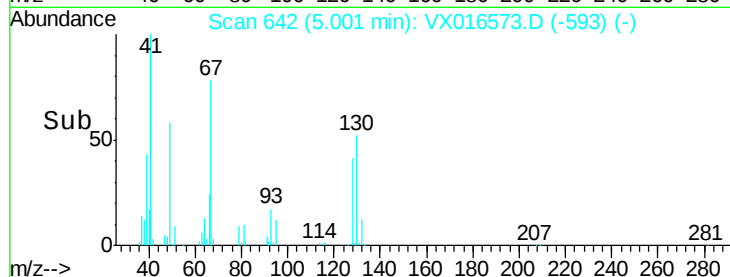
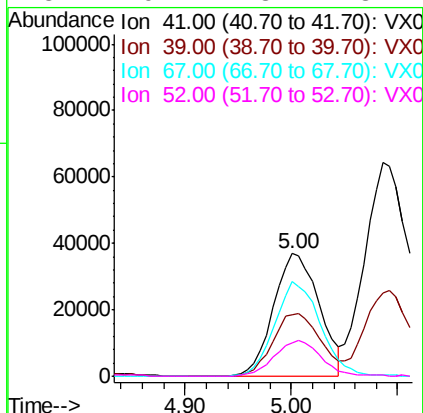
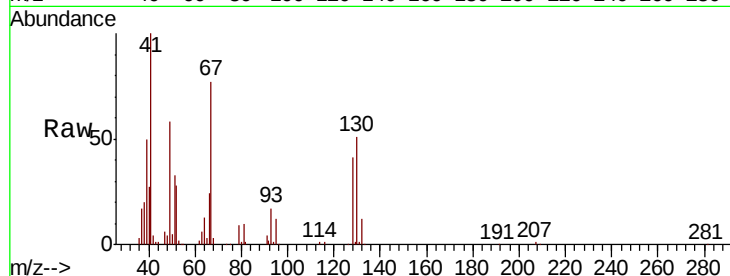




#41
Methacrylonitrile
Concen: 45.145 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

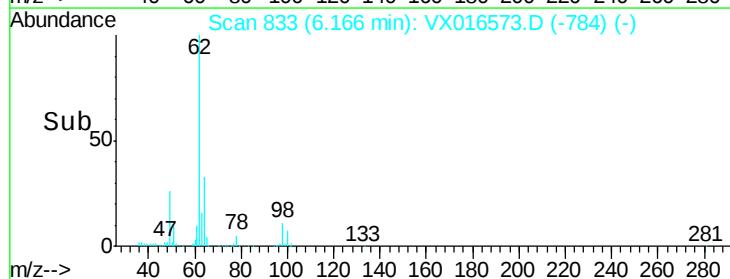
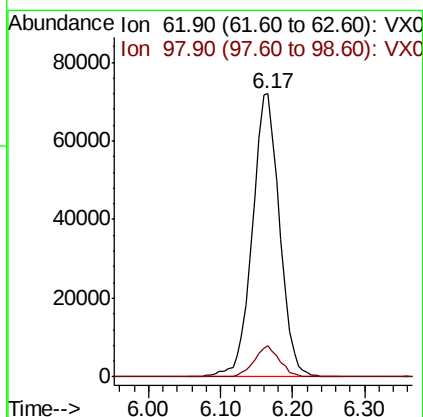
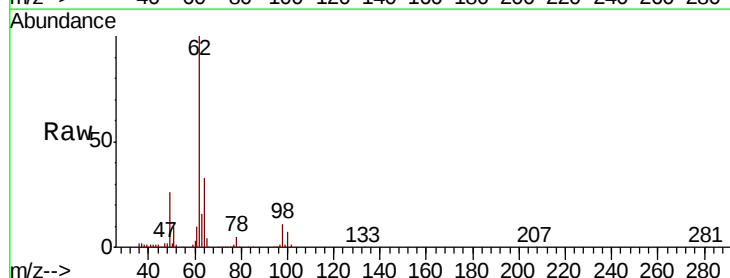
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

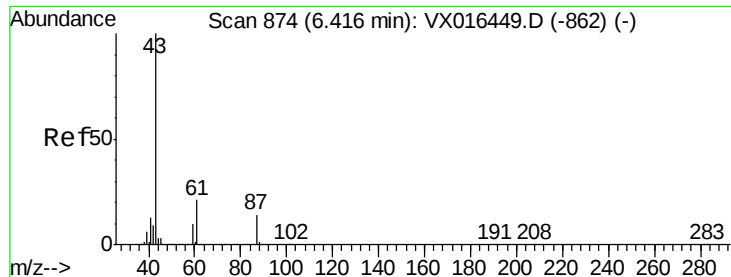
Tot Ion:	41	Resp:	109681
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.0	64.4
67	77.2	58.9	88.3
52	29.7	23.1	34.7



#42
1,2-Dichloroethane
Concen: 48.451 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion:	62	Resp:	189037
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8



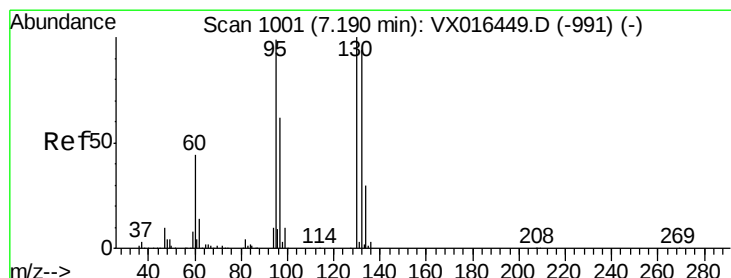
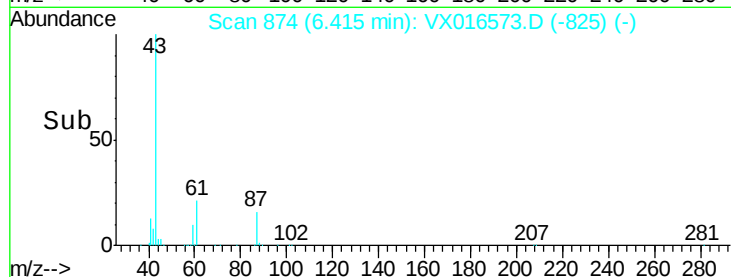
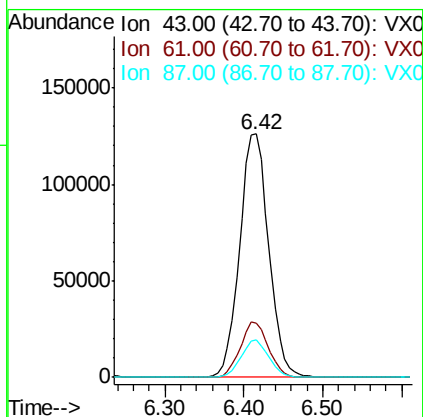
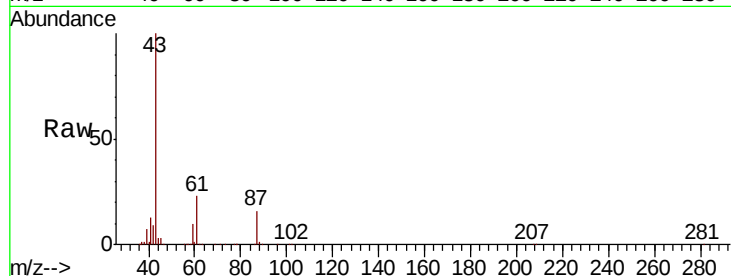


#43

Isopropyl Acetate
 Concen: 46.741 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

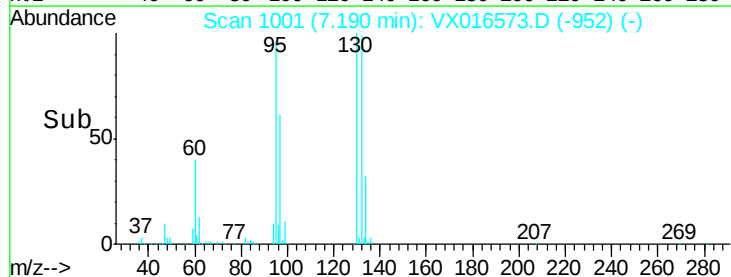
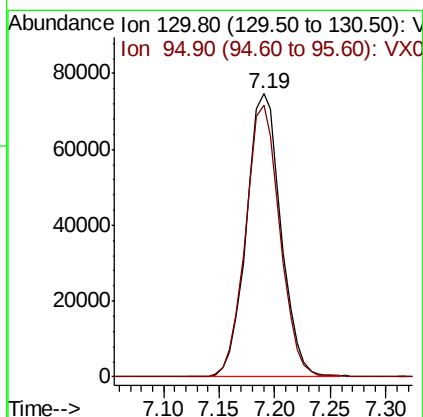
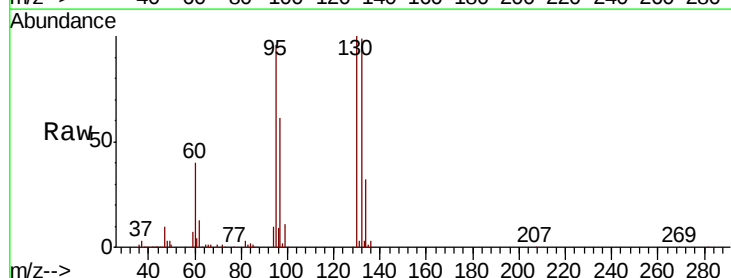
Tot Ion	43	Resp	322474
Ion Ratio	Lower	Upper	
43	100		
61	22.0	16.8	25.2
87	14.8	11.2	16.8

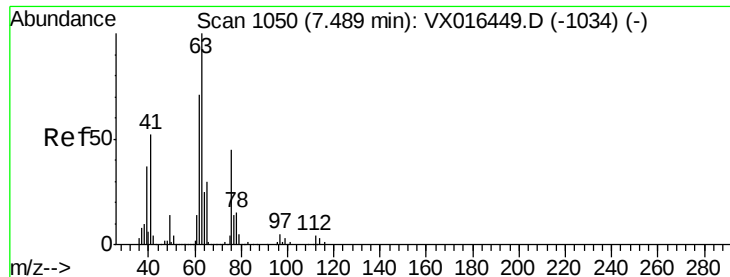


#44

Trichloroethene
 Concen: 46.304 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion	130	Resp	161181
Ion Ratio	Lower	Upper	
130	100		
95	96.2	0.0	198.2





#45

1,2-Dichloropropane

Concen: 48.586 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

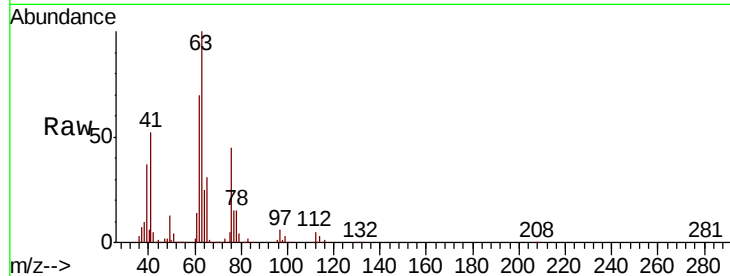
VSTDCCC050EC

Tot Ion: 63 Resp: 135701

Ion Ratio Lower Upper

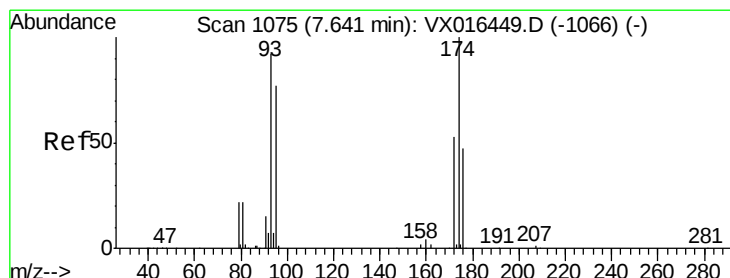
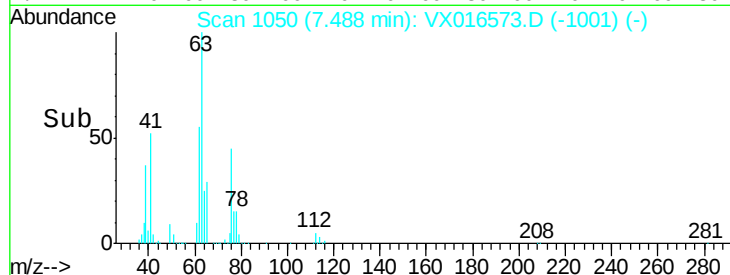
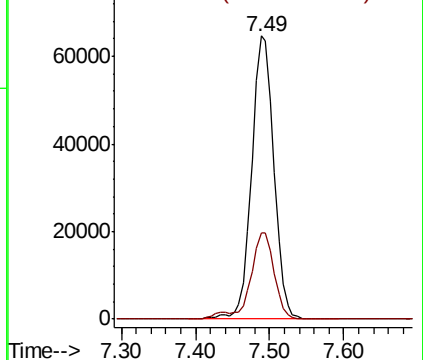
63 100

65 30.5 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.241 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

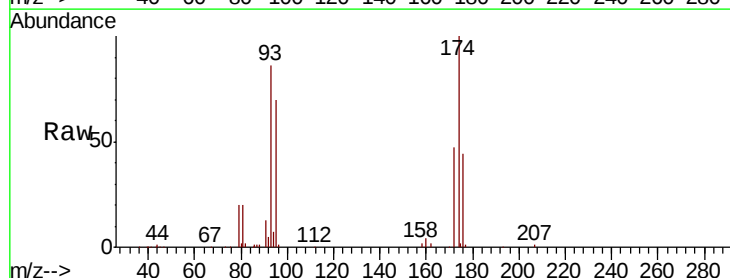
Tgt Ion: 93 Resp: 94252

Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

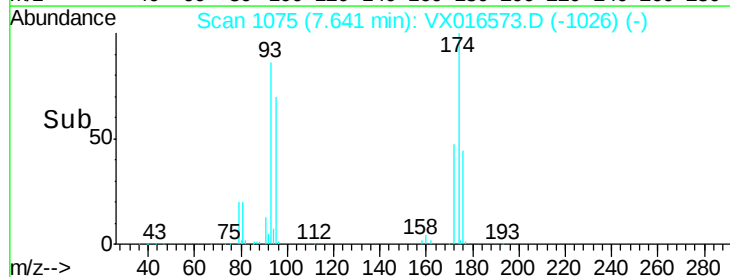
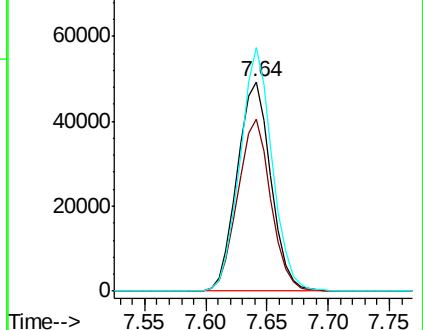
174 111.6 86.2 129.4

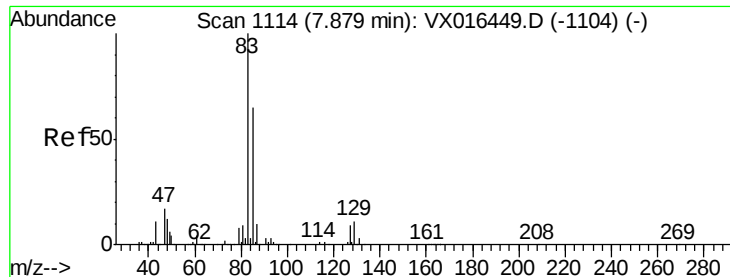


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.302 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

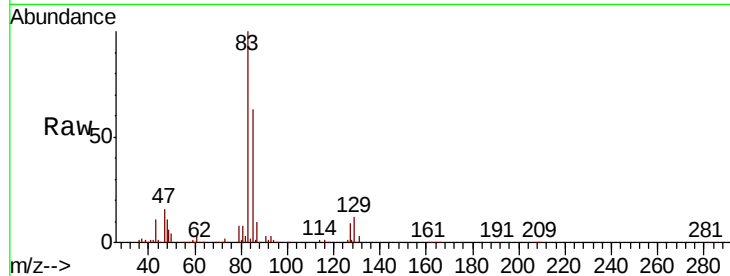
Tot Ion: 83 Resp: 195392

Ion Ratio Lower Upper

83 100

85 63.2 52.0 78.0

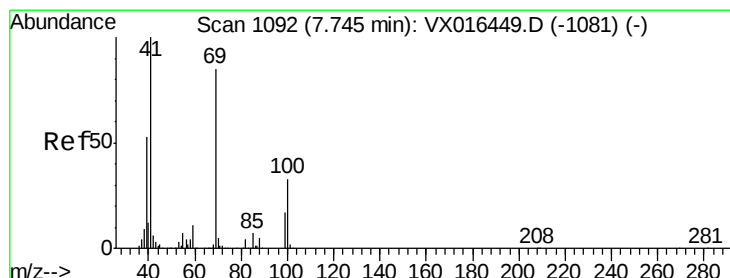
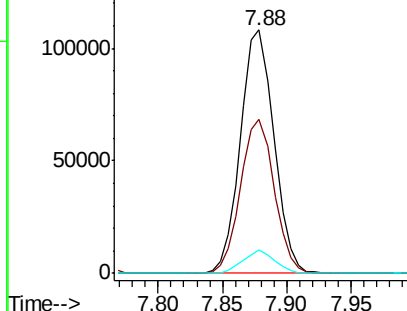
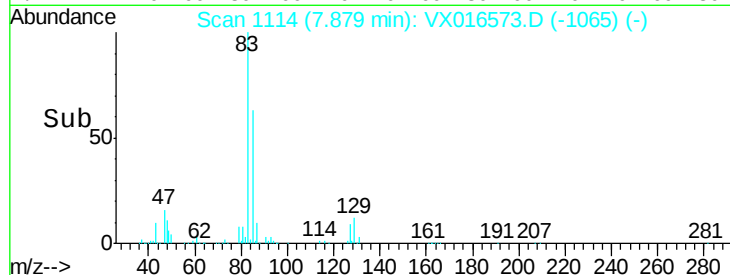
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.214 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

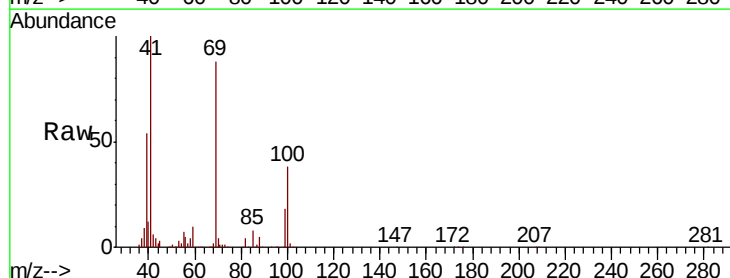
Tgt Ion: 41 Resp: 155964

Ion Ratio Lower Upper

41 100

69 89.7 68.6 102.8

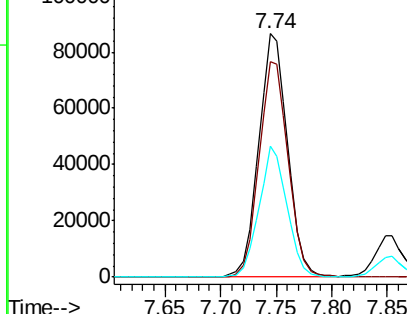
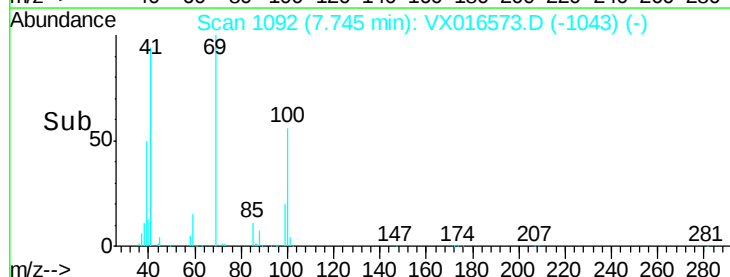
39 51.9 42.4 63.6

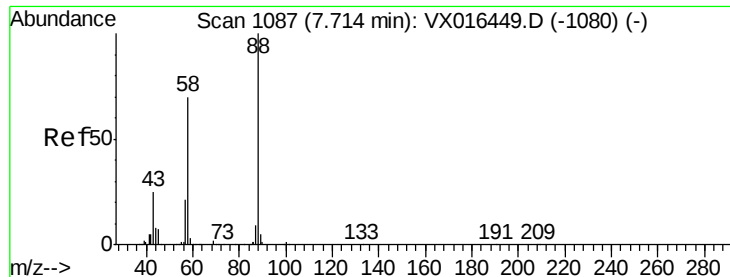


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 948.776 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

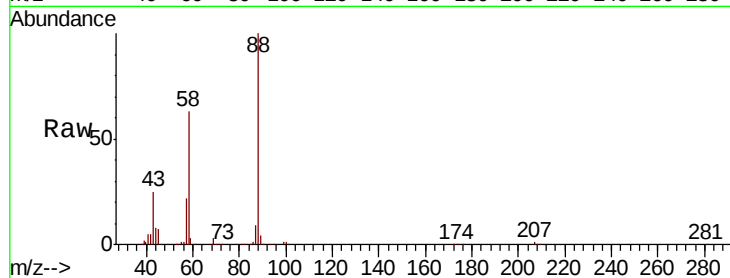
Tot Ion: 88 Resp: 73347

Ion Ratio Lower Upper

88 100

43 29.4 24.2 36.4

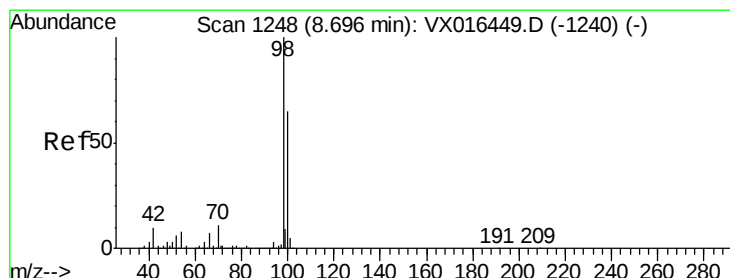
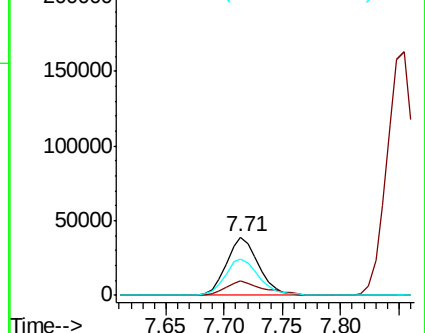
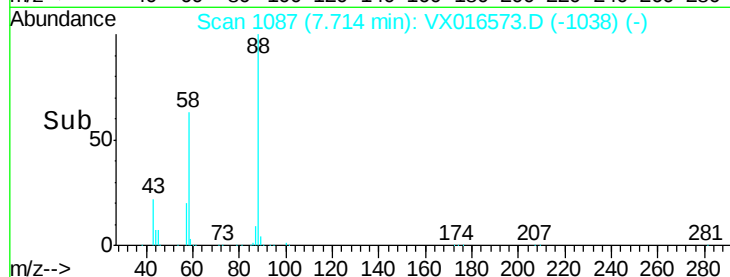
58 66.9 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.058 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016573.D

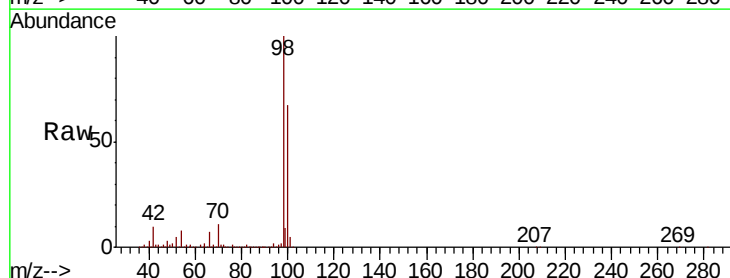
Acq: 03 Jun 2020 17:51

Tgt Ion: 98 Resp: 476135

Ion Ratio Lower Upper

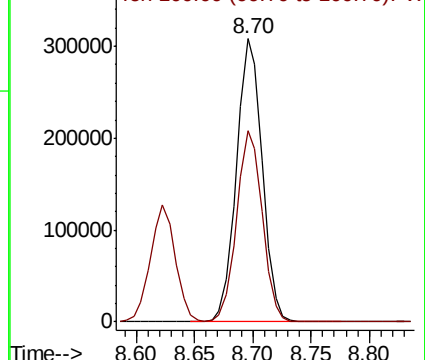
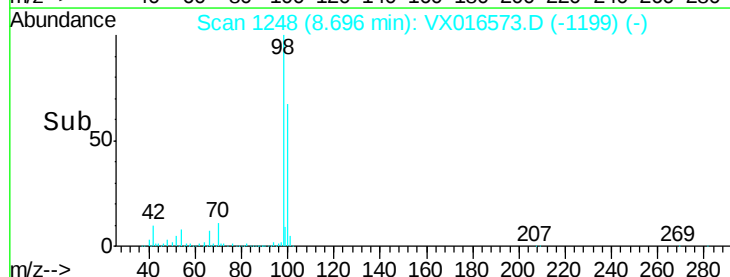
98 100

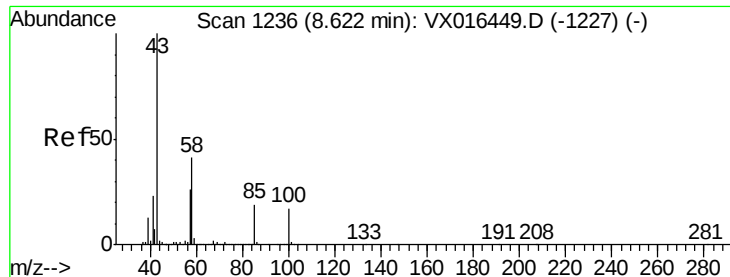
100 67.4 53.8 80.6



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: 240.702 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

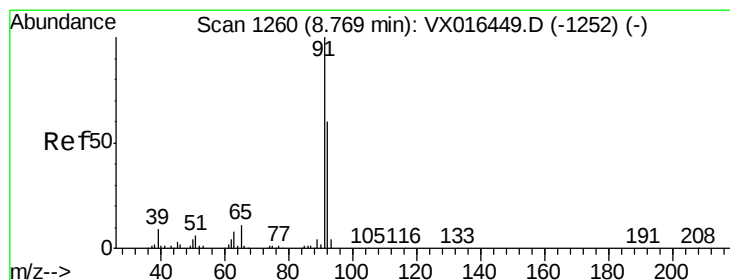
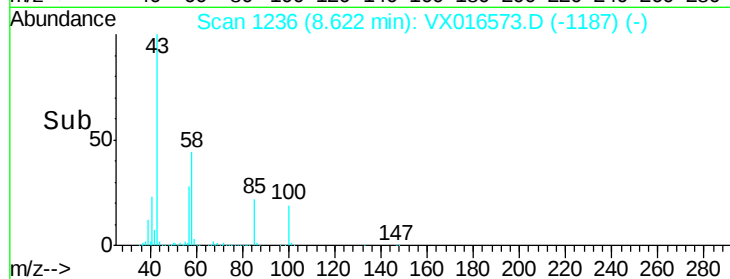
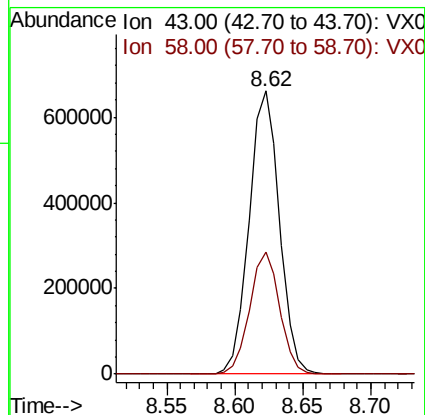
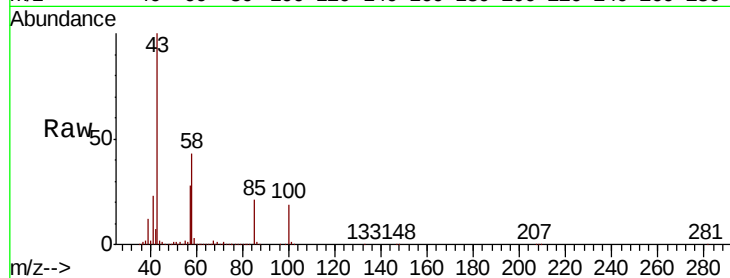
VSTDCCC050EC

Tot Ion: 43 Resp: 1034031

Ion Ratio Lower Upper

43 100

58 42.7 33.0 49.6



#52

Toluene

Concen: 50.592 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016573.D

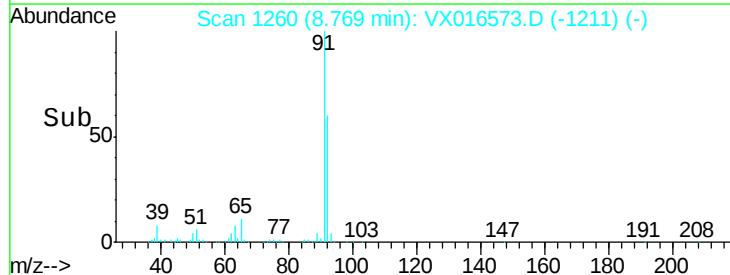
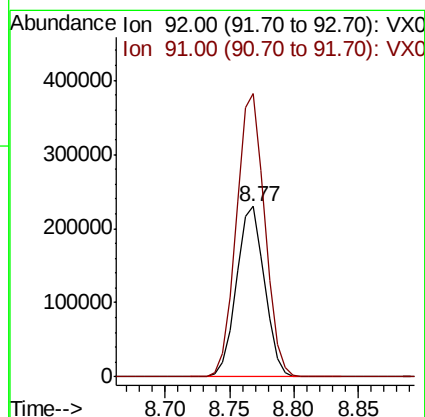
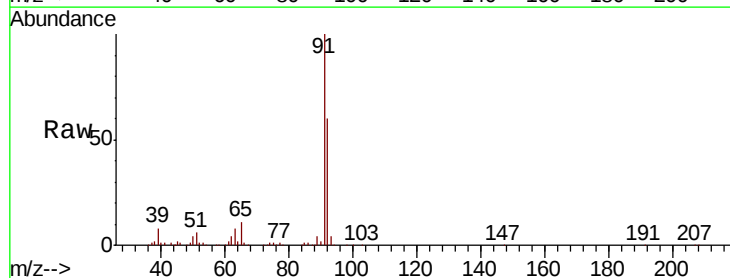
Acq: 03 Jun 2020 17:51

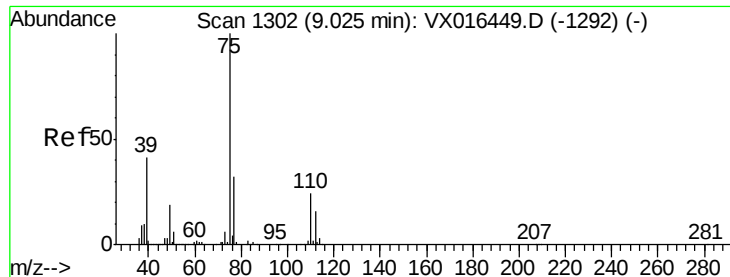
Tgt Ion: 92 Resp: 350012

Ion Ratio Lower Upper

92 100

91 167.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.355 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

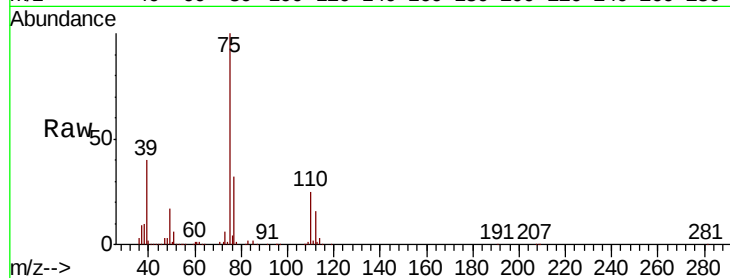
VSTDCCC050EC

Tot Ion: 75 Resp: 226831

Ion Ratio Lower Upper

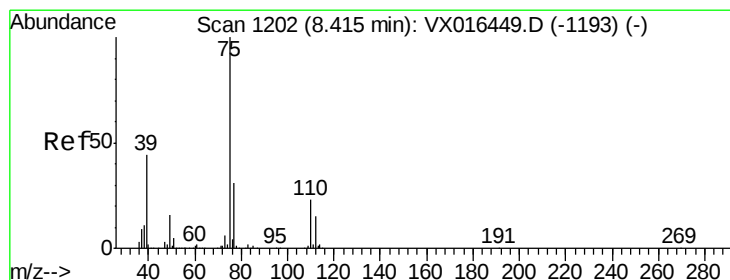
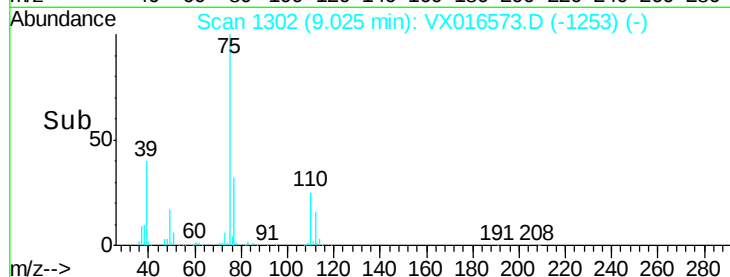
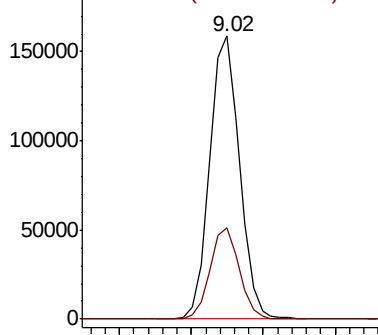
75 100

77 32.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.769 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

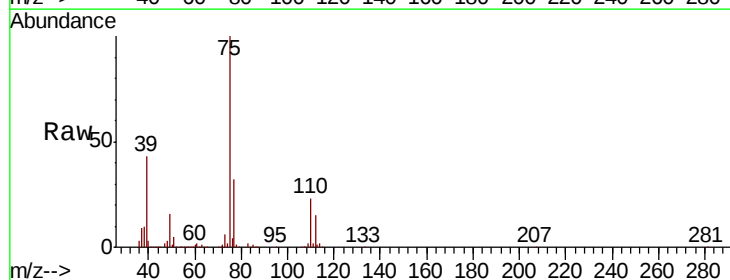
Tgt Ion: 75 Resp: 237352

Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

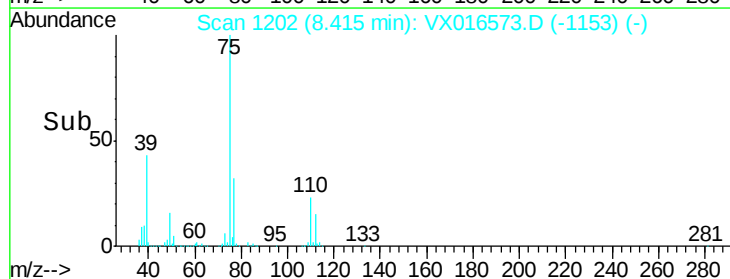
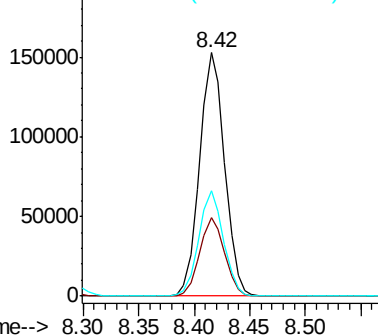
39 43.3 35.3 52.9

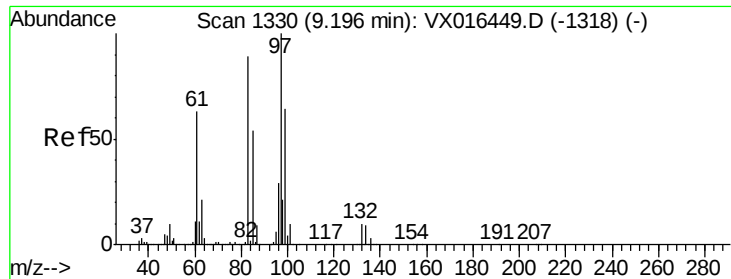


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

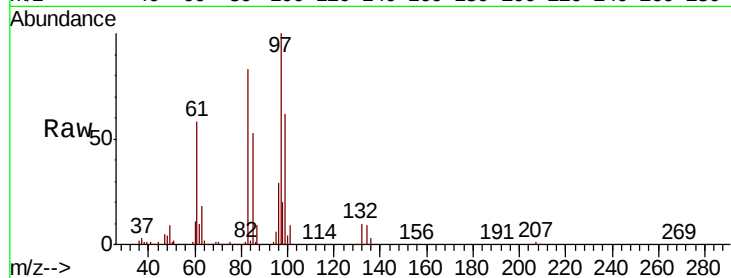




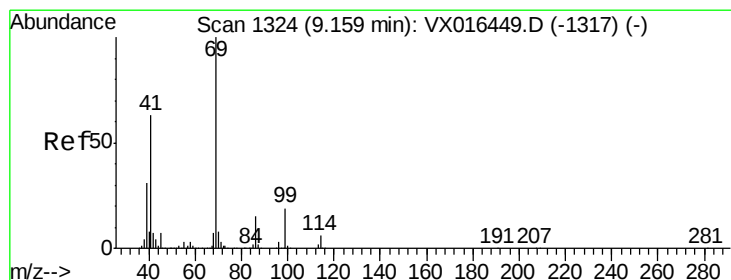
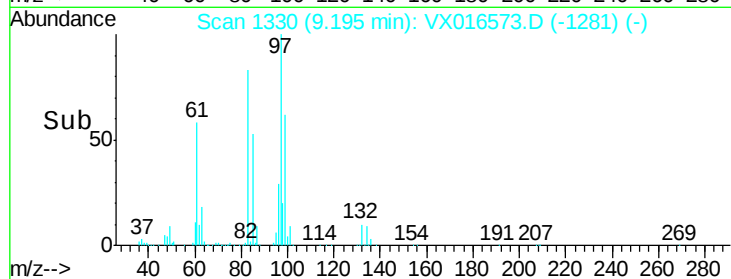
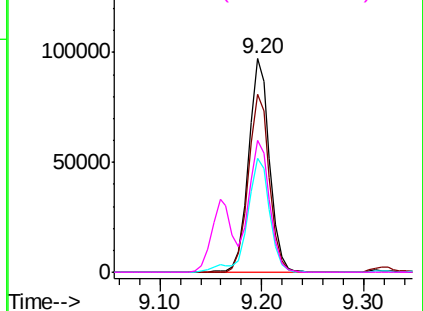
#55
 1,1,2-Trichloroethane
 Concen: 50.581 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	139134
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.9	106.3
85	53.5	43.4	65.2
99	61.8	51.0	76.6

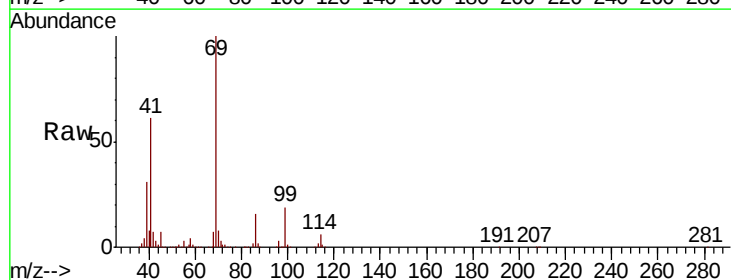


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

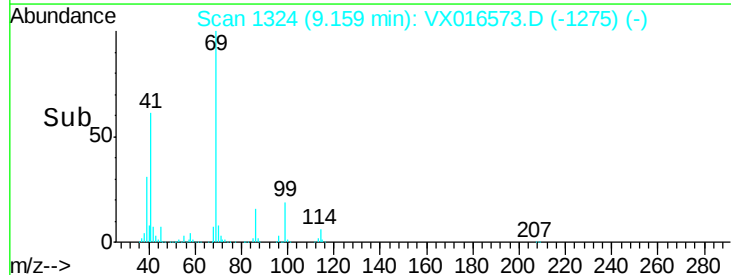
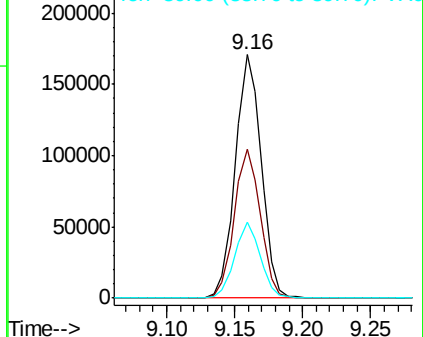


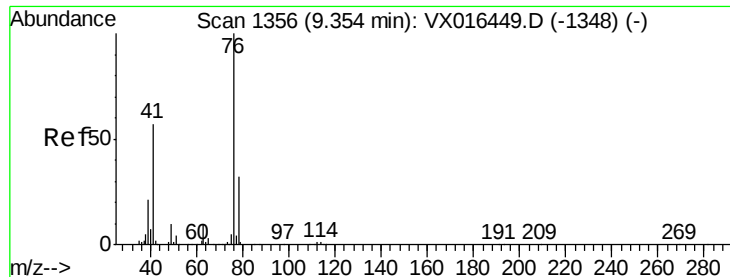
#56
 Ethyl methacrylate
 Concen: 50.796 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion:	69	Resp:	227562
Ion	Ratio	Lower	Upper
69	100		
41	61.3	50.7	76.1
39	30.8	25.8	38.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

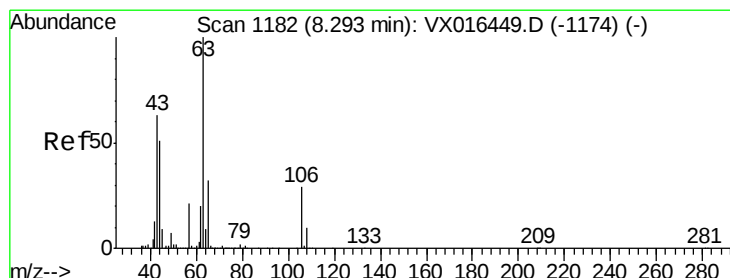
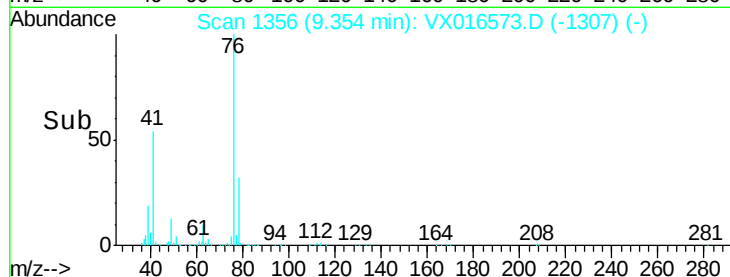
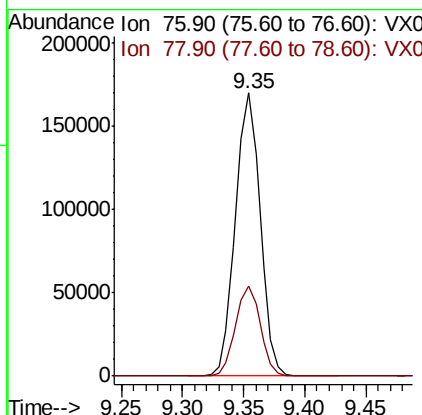
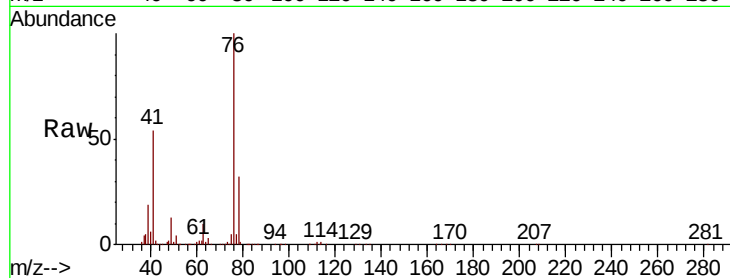




#57
 1,3-Dichloropropane
 Concen: 50.401 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

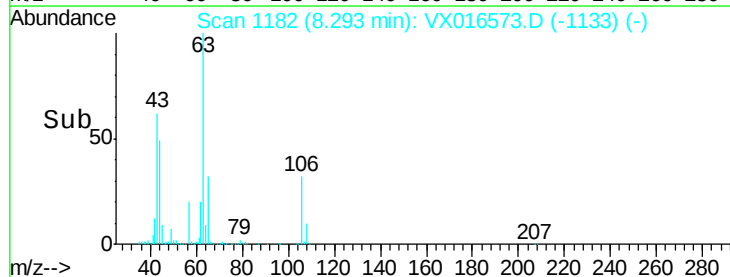
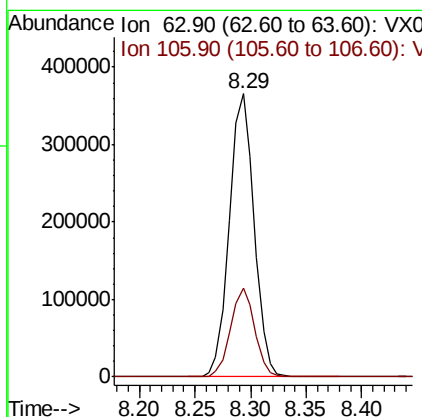
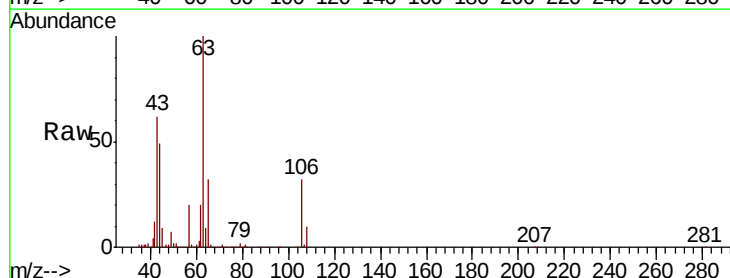
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 237969
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.761 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion: 63 Resp: 562981
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.2 34.8

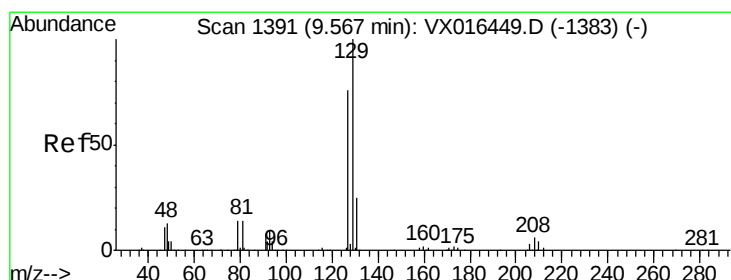
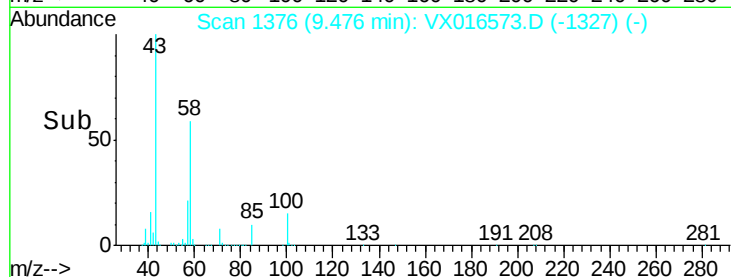
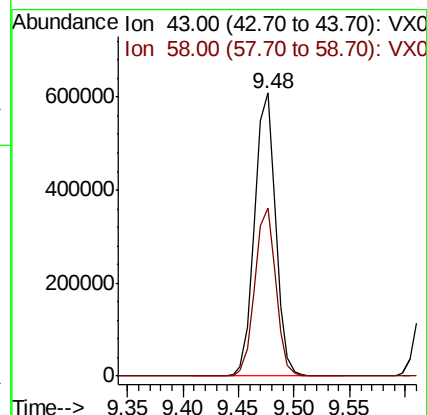
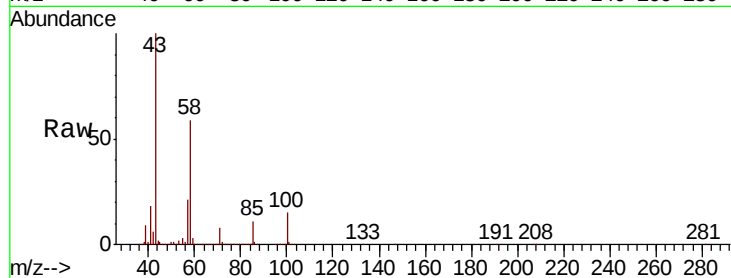




#59
2-Hexanone
Concen: 240.580 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

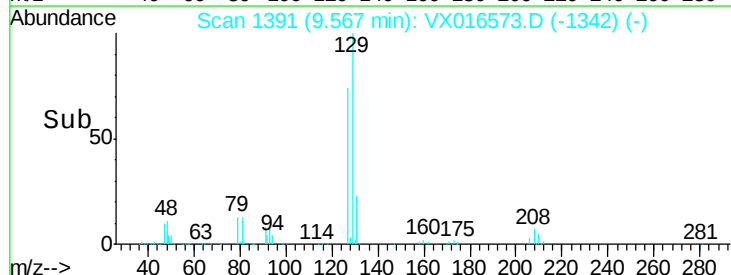
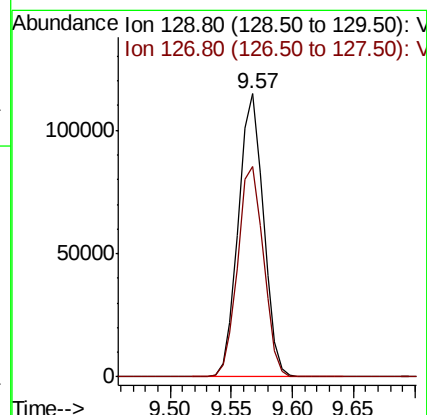
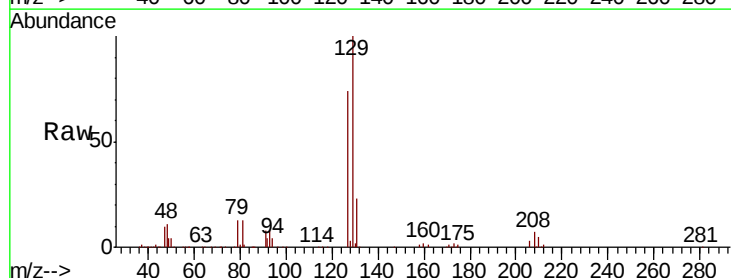
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

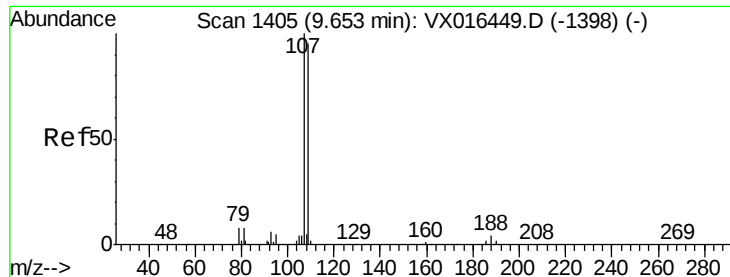
Tot Ion: 43 Resp: 803712
Ion Ratio Lower Upper
43 100
58 59.2 28.8 86.4



#60
Dibromochloromethane
Concen: 52.641 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 129 Resp: 162954
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.642 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

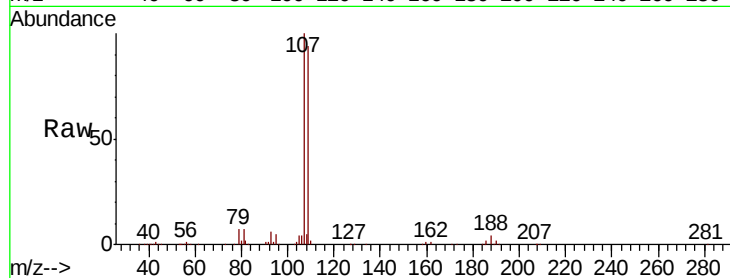
VSTDCCC050EC

Tot Ion:107 Resp: 149173

Ion Ratio Lower Upper

107 100

109 95.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

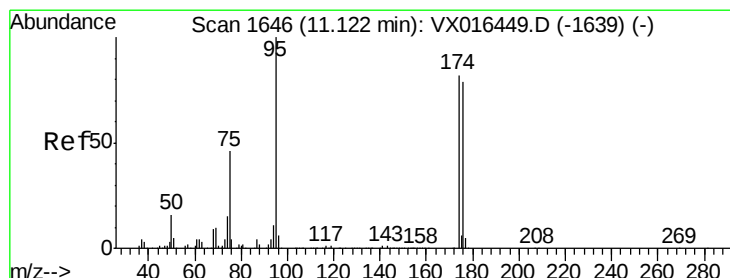
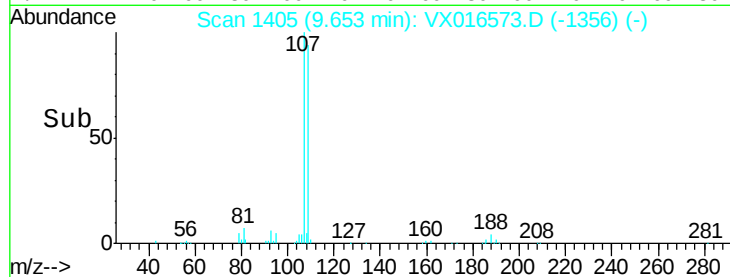
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.676 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

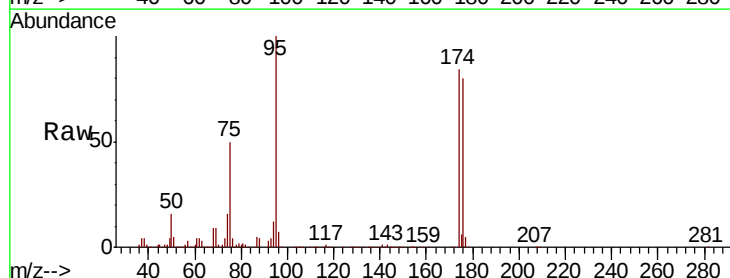
Tgt Ion: 95 Resp: 182602

Ion Ratio Lower Upper

95 100

174 84.2 0.0 163.0

176 80.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

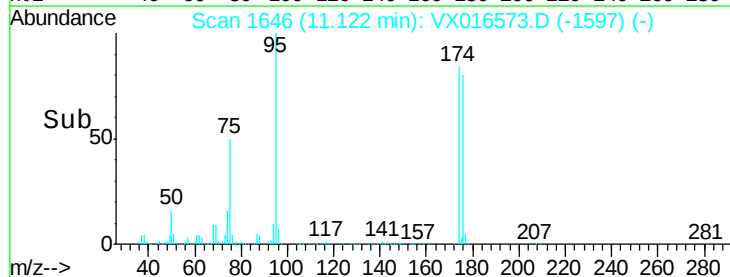
150000

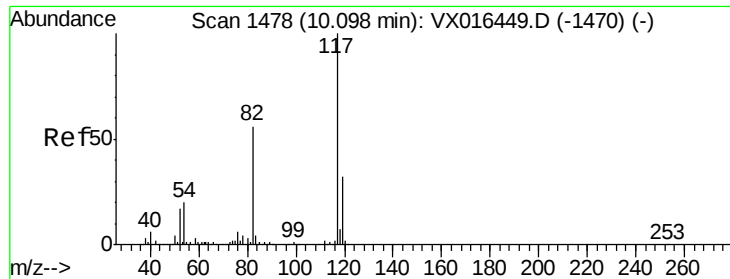
100000

50000

0

Time--> 11.10 11.20

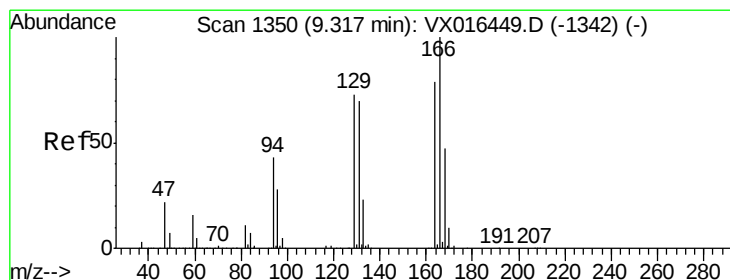
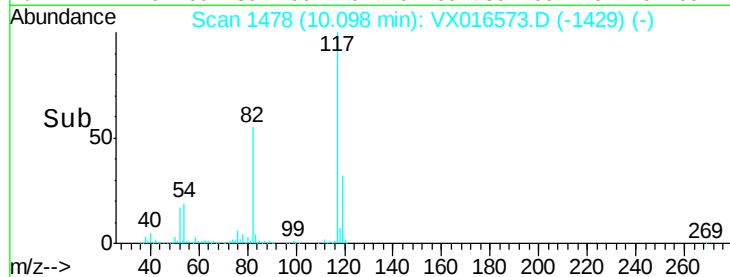
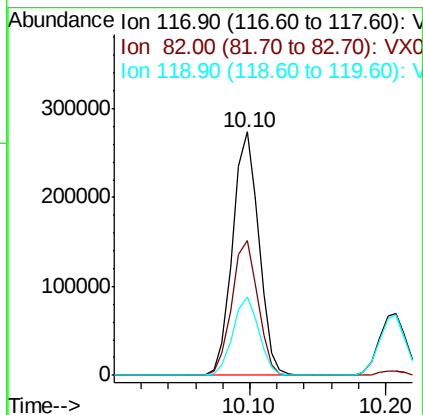
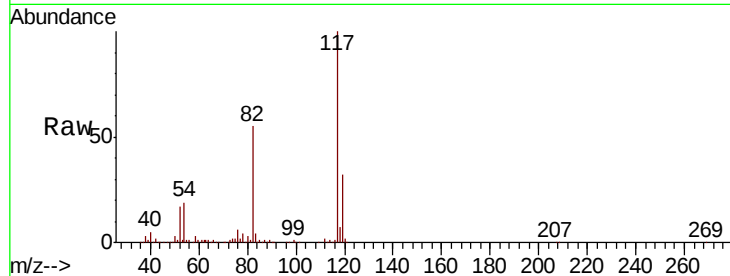




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

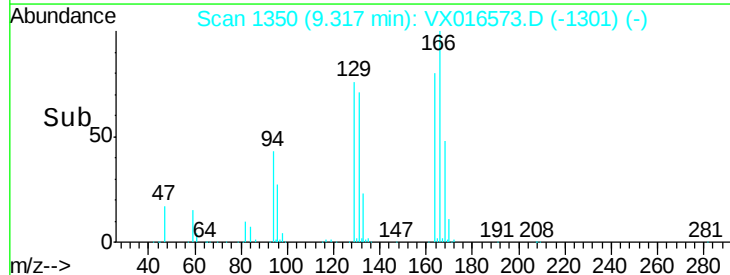
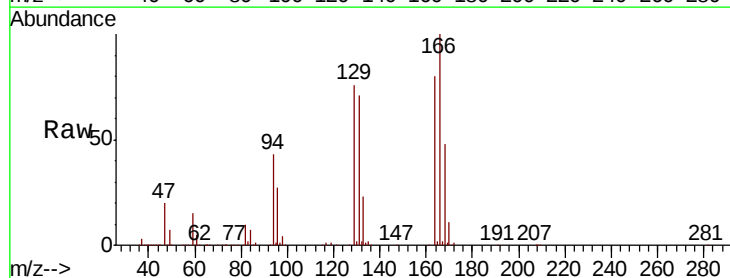
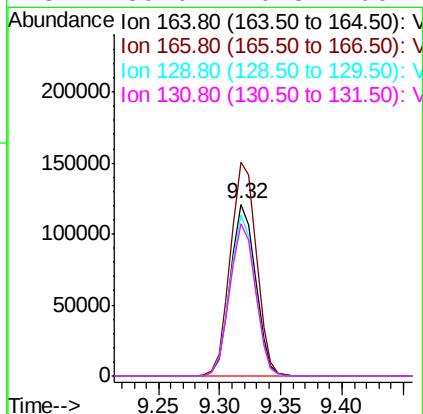
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

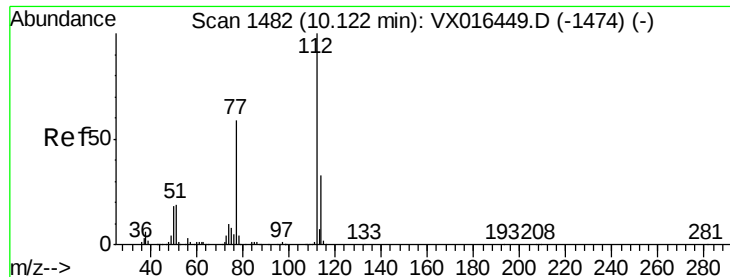
Tot Ion:117 Resp: 366270
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 42.080 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion:164 Resp: 172436
Ion Ratio Lower Upper
164 100
166 124.4 100.9 151.3
129 94.1 73.2 109.8
131 89.0 70.8 106.2

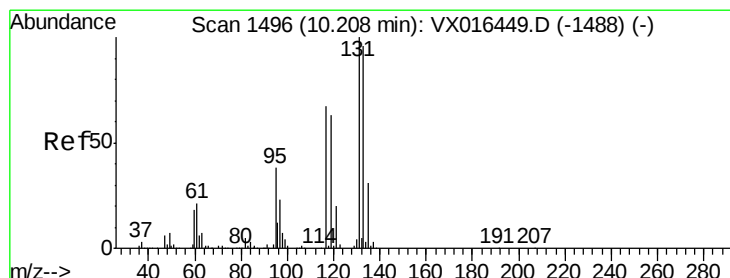
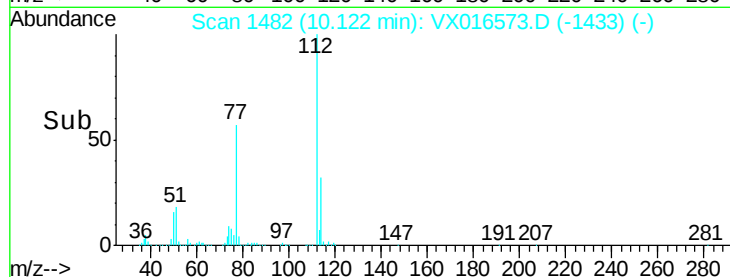
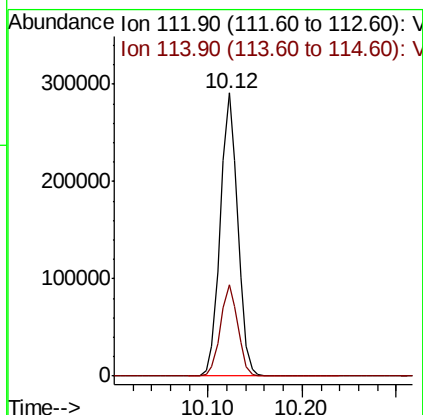
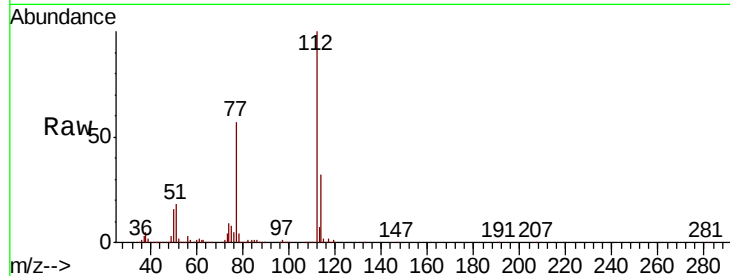




#65
Chlorobenzene
Concen: 50.118 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

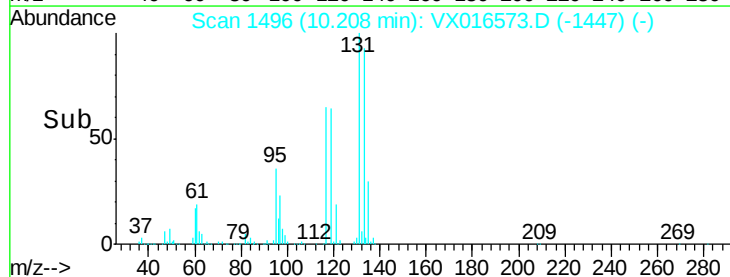
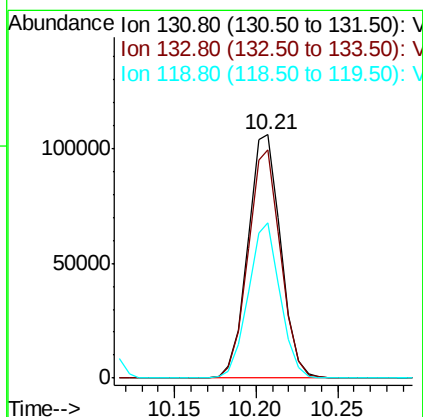
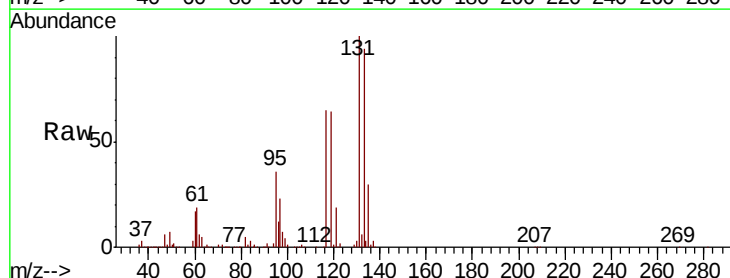
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

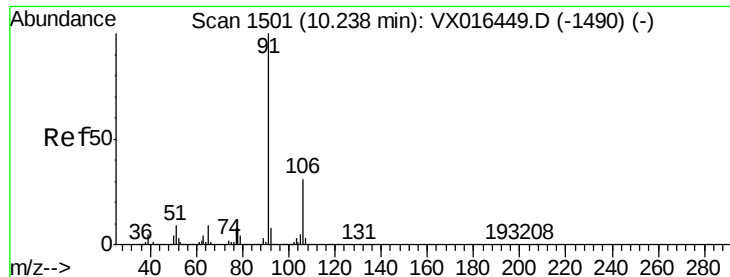
Tot Ion:112 Resp: 374241
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.212 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion:131 Resp: 148826
Ion Ratio Lower Upper
131 100
133 93.0 48.4 145.3
119 61.9 32.0 96.2





#67

Ethyl Benzene

Concen: 49.898 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

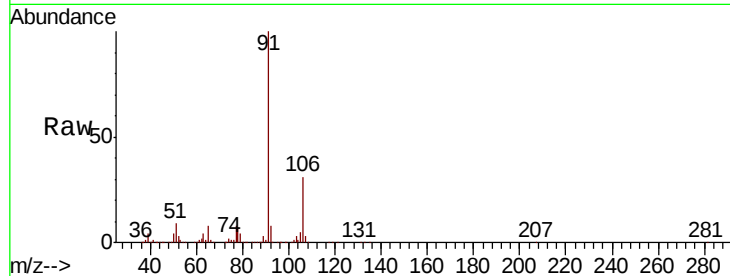
VSTDCCC050EC

Tot Ion: 91 Resp: 663391

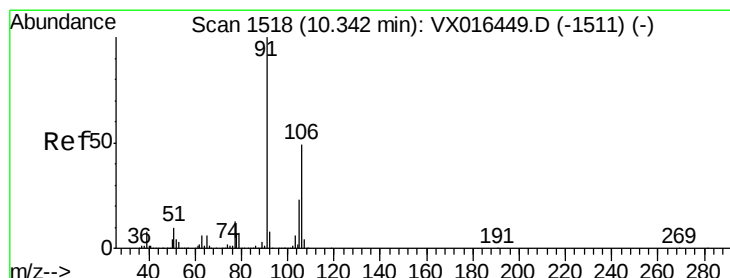
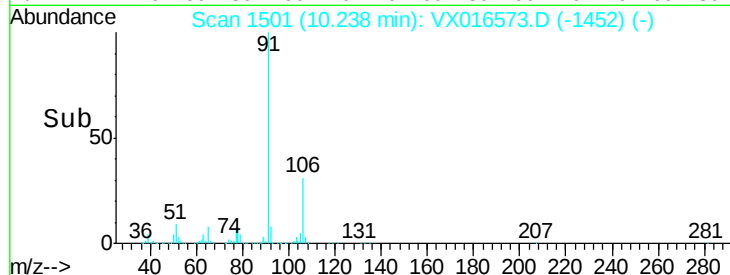
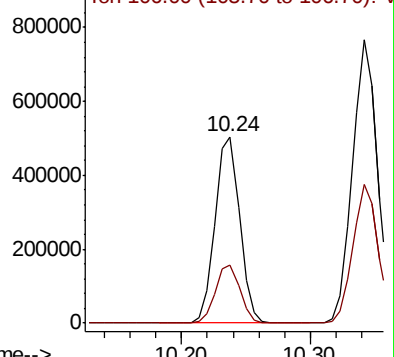
Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1490) (-)



#68

m/p-Xylenes

Concen: 102.177 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016573.D

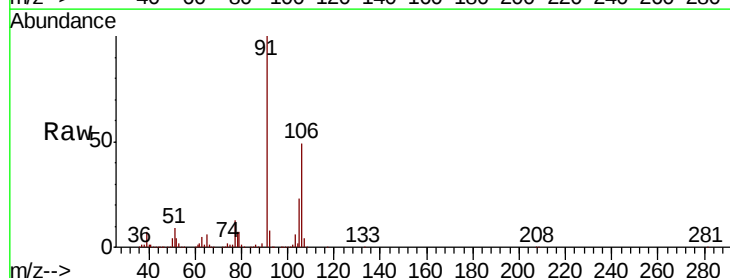
Acq: 03 Jun 2020 17:51

Tgt Ion: 106 Resp: 503668

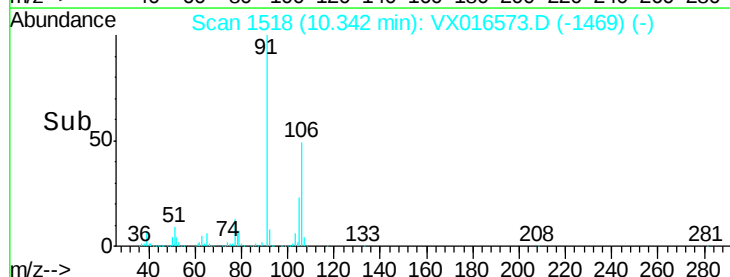
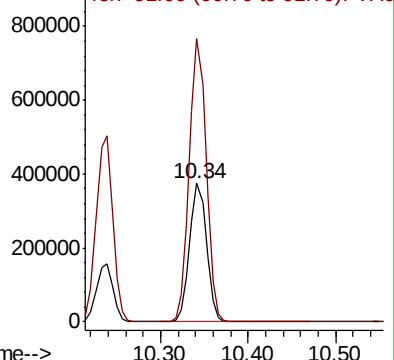
Ion Ratio Lower Upper

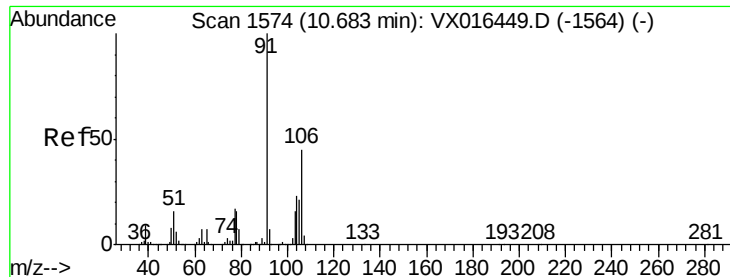
106 100

91 203.5 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VX016449.D (-1511) (-)

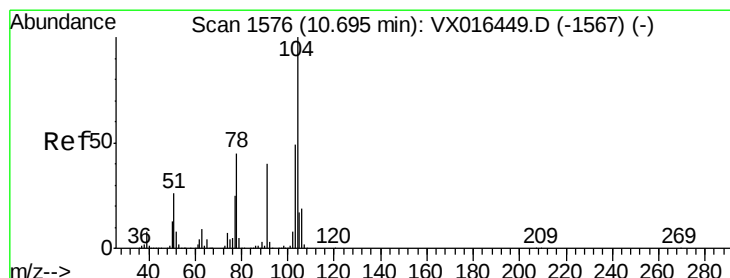
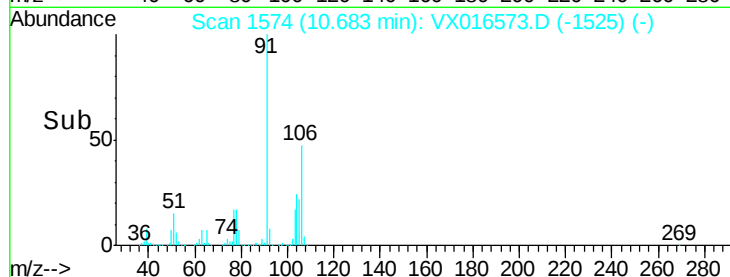
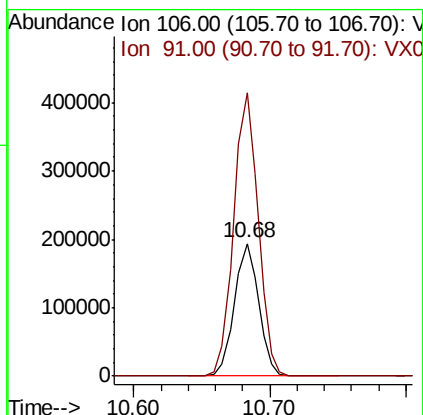
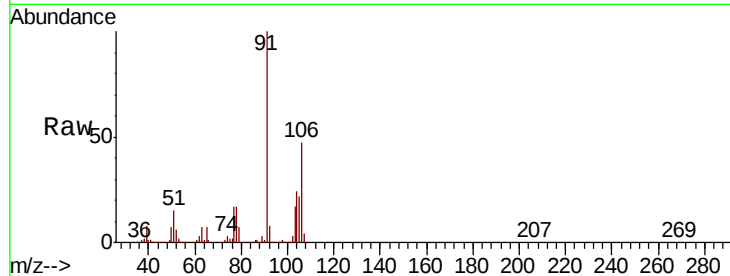




#69
o-Xylene
Concen: 50.650 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

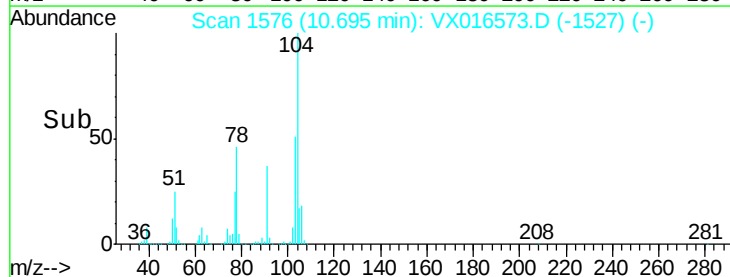
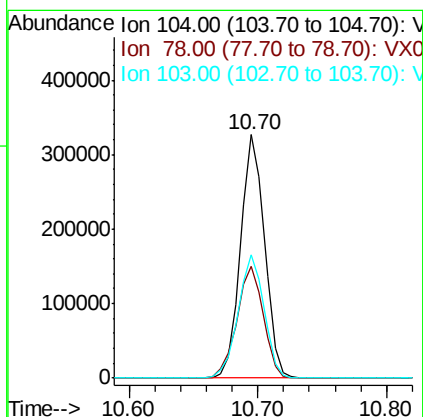
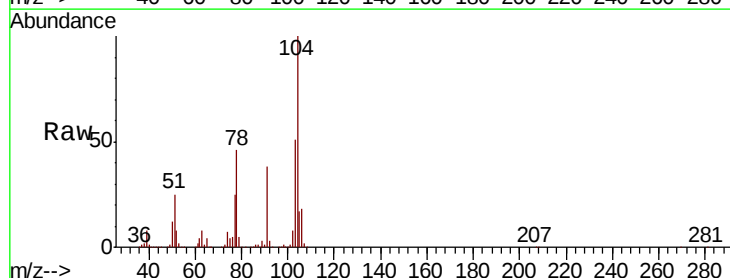
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

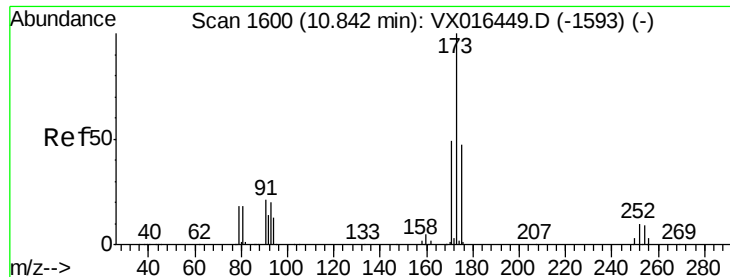
Tot Ion:106 Resp: 241794
Ion Ratio Lower Upper
106 100
91 214.9 109.6 328.8



#70
Styrene
Concen: 51.431 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion:104 Resp: 422022
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 54.9 43.1 64.7





#71

Bromoform

Concen: 53.741 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

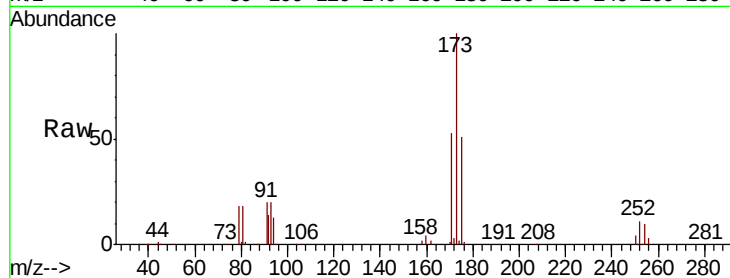
Tot Ion:173 Resp: 129462

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.7

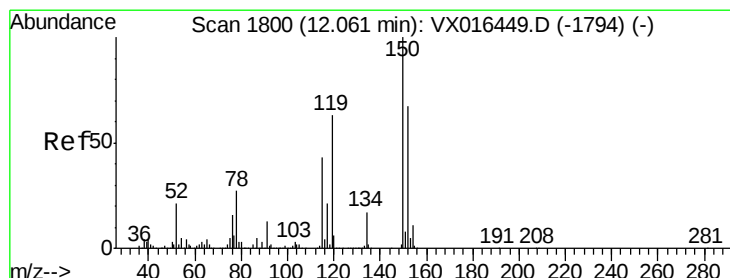
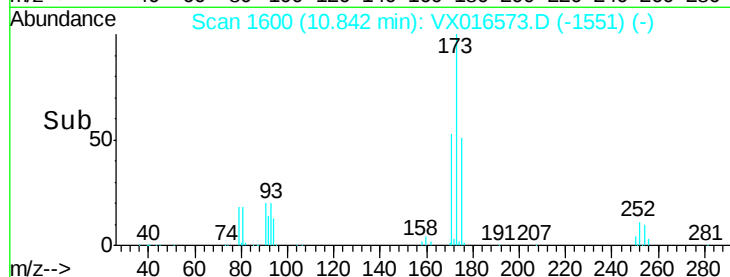
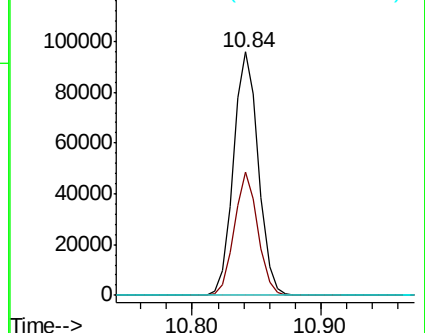
254 0.0 0.1 0.1#



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: VX016573.D

Acq: 03 Jun 2020 17:51

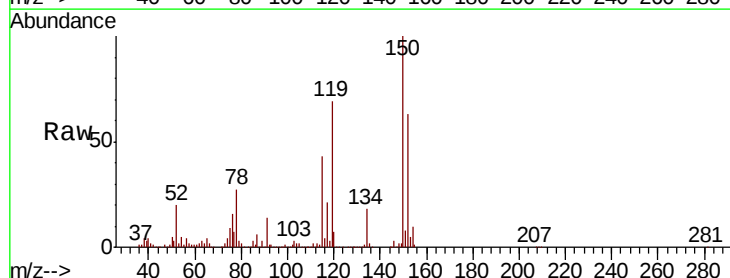
Tgt Ion:152 Resp: 186933

Ion Ratio Lower Upper

152 100

115 81.0 39.9 119.6

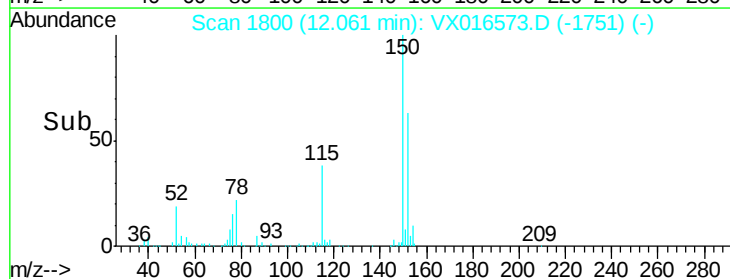
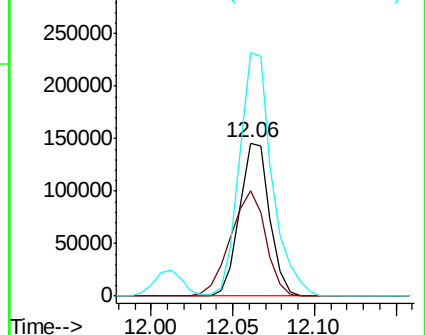
150 173.6 0.0 341.0

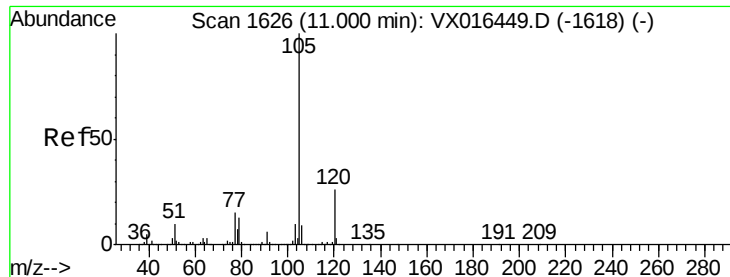


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.188 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

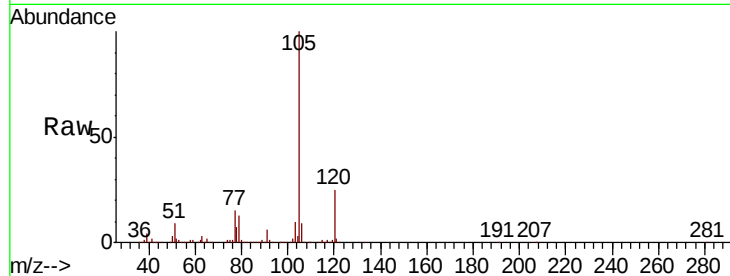
VSTDCCC050EC

Tot Ion:105 Resp: 650049

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

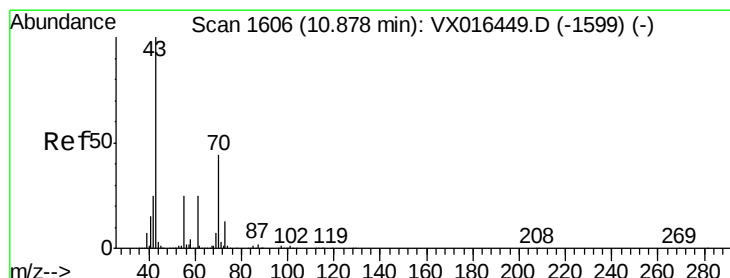
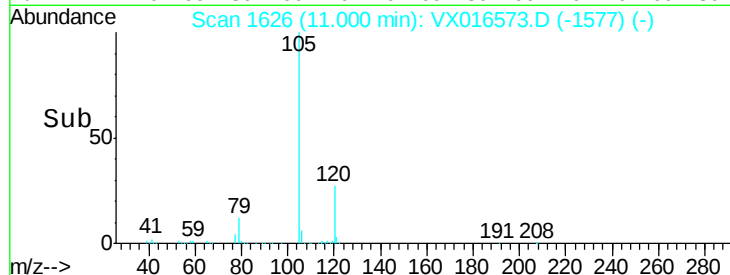
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 46.874 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion: 43 Resp: 279263

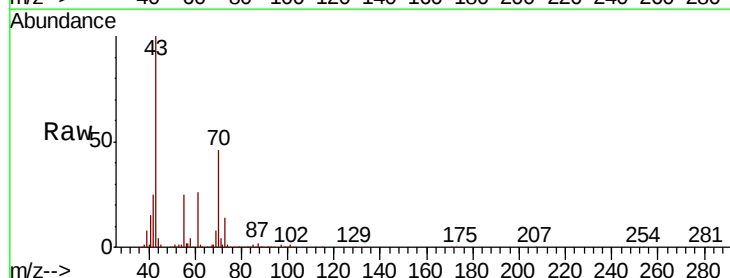
Ion Ratio Lower Upper

43 100

70 47.2 36.1 54.1

55 25.7 20.2 30.4

61 27.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

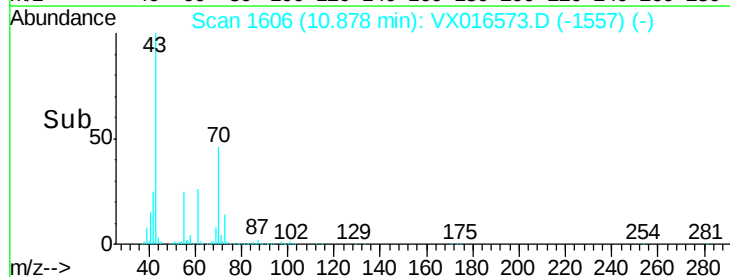
0

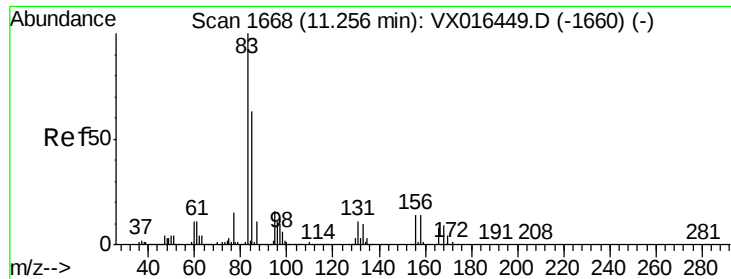
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.571 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

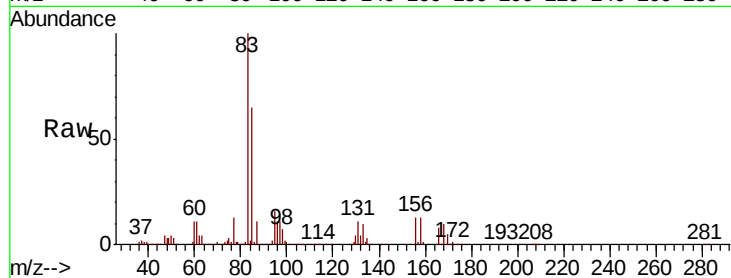
Tot Ion: 83 Resp: 183636

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

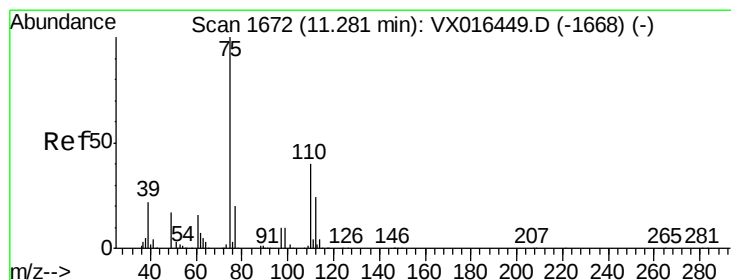
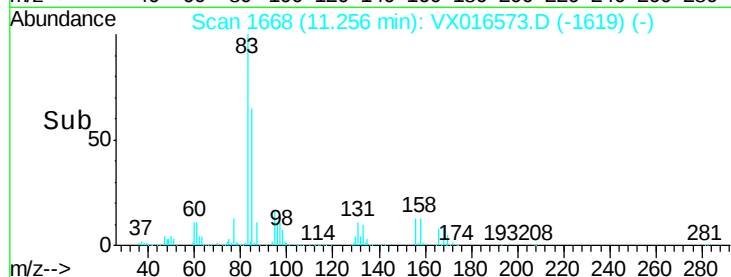
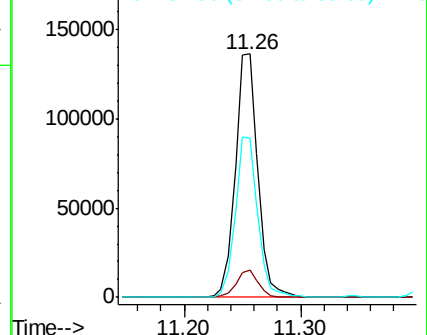
85 65.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.531 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016573.D

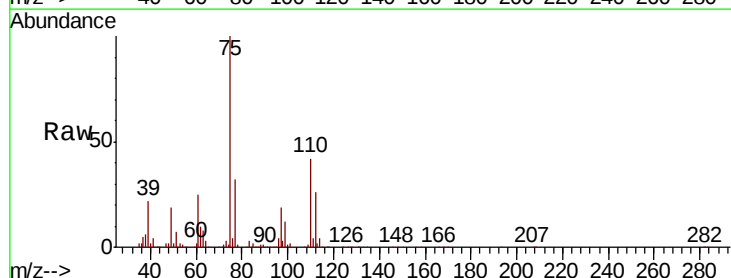
Acq: 03 Jun 2020 17:51

Tgt Ion: 75 Resp: 265152

Ion Ratio Lower Upper

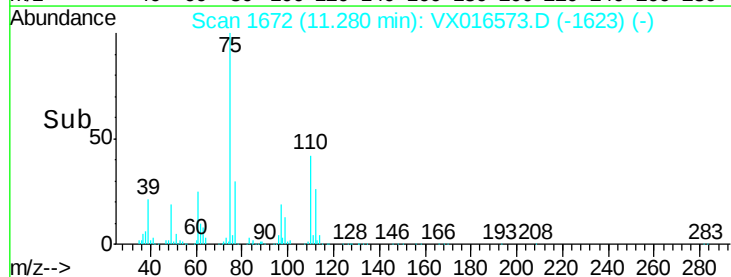
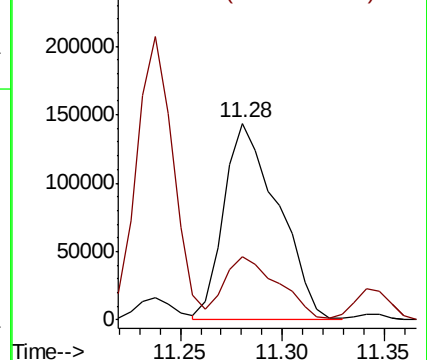
75 100

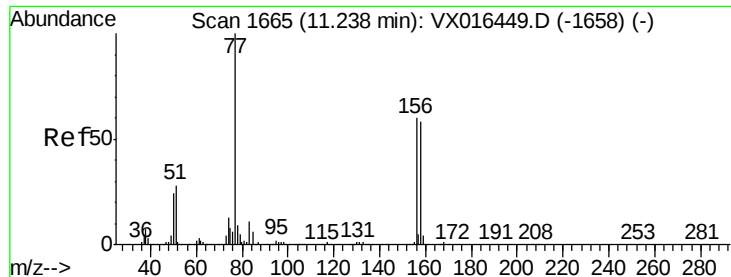
77 32.0 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.699 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

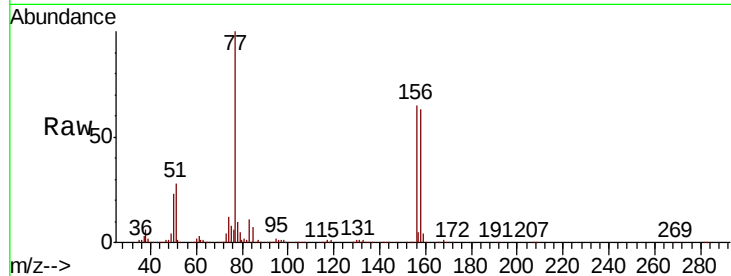
Tot Ion:156 Resp: 168832

Ion Ratio Lower Upper

156 100

77 154.0 79.6 238.8

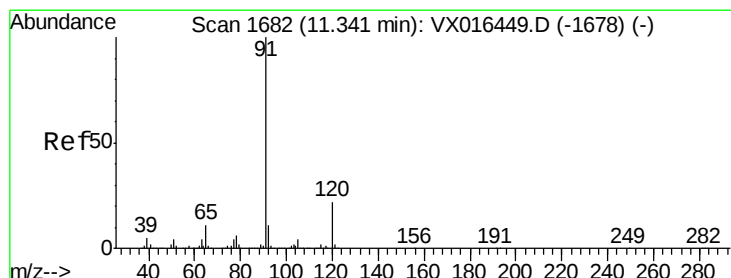
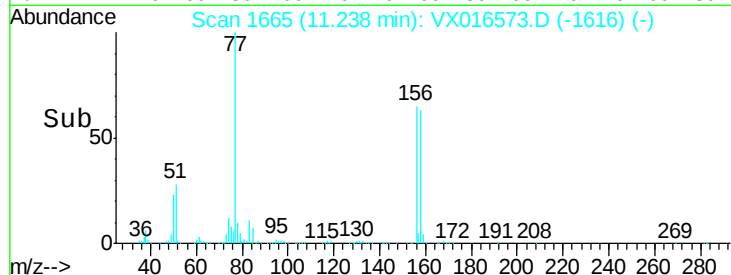
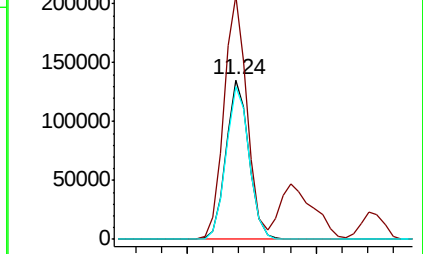
158 97.5 48.1 144.4



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: 50.327 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016573.D

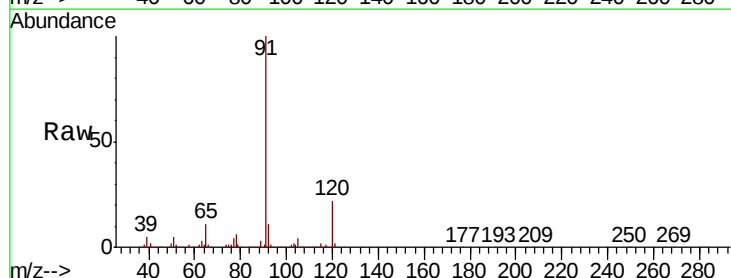
Acq: 03 Jun 2020 17:51

Tgt Ion: 91 Resp: 728253

Ion Ratio Lower Upper

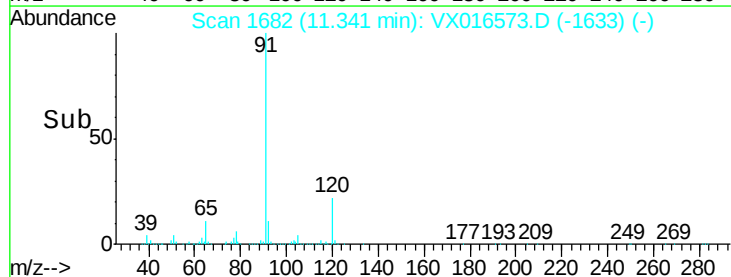
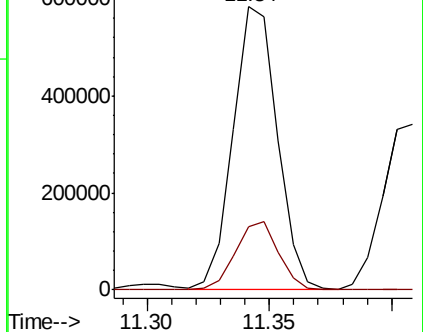
91 100

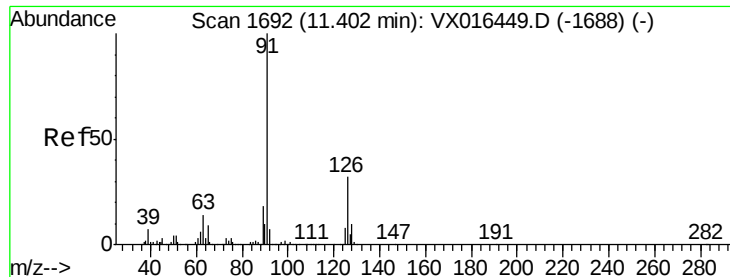
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

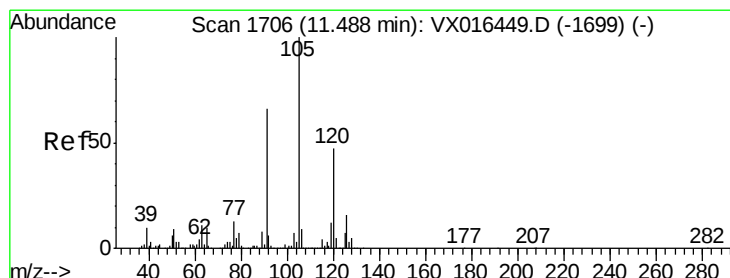
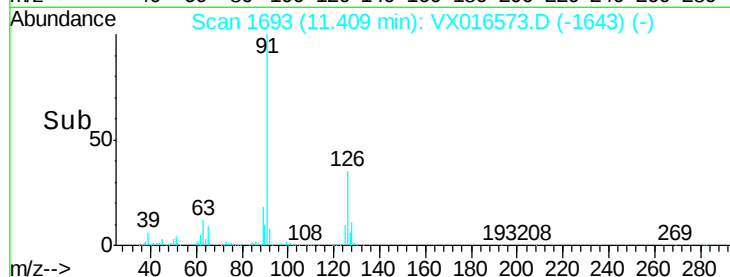
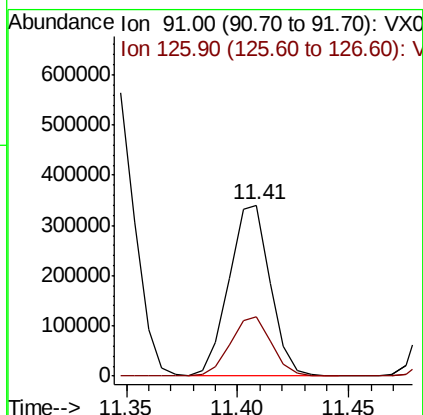
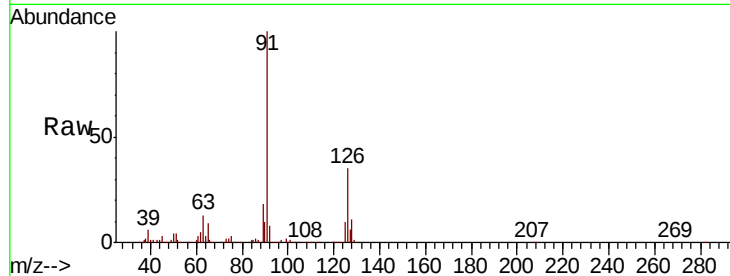




#79
 2-Chlorotoluene
 Concen: 49.561 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

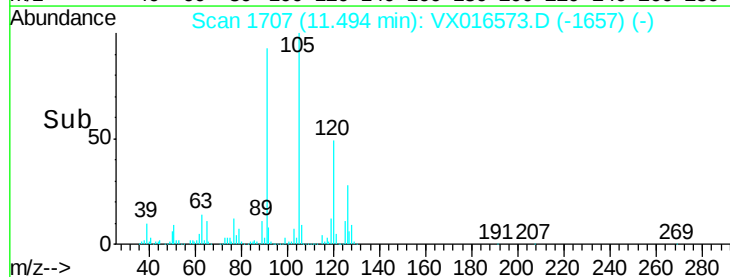
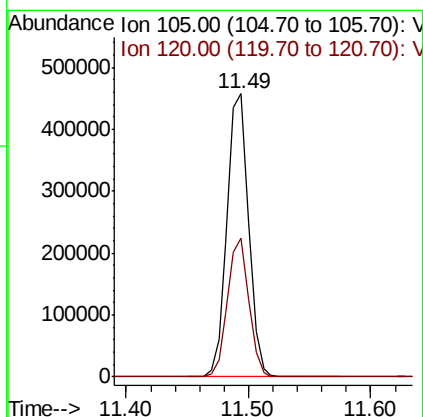
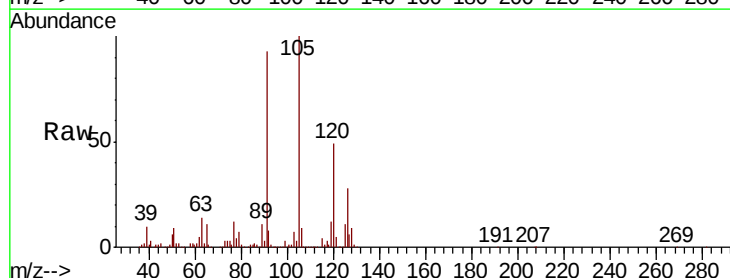
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

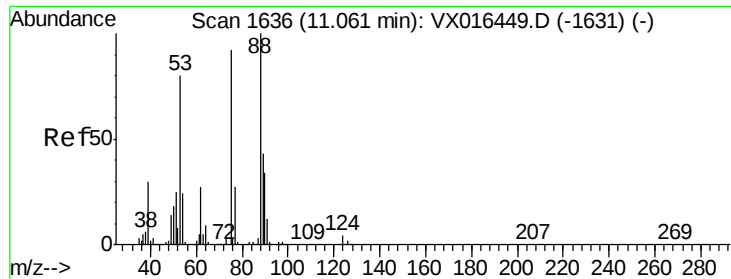
Tot Ion: 91 Resp: 437758
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.471 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion: 105 Resp: 556653
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8

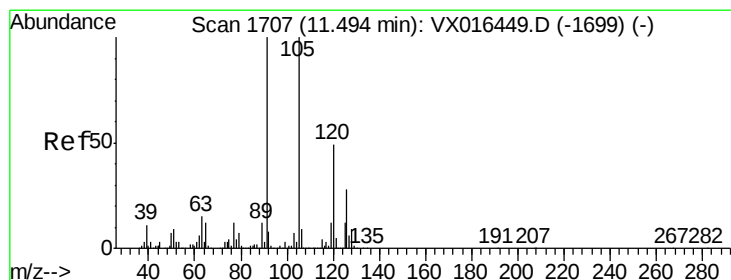
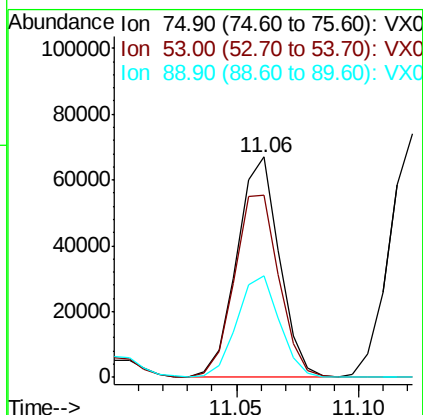
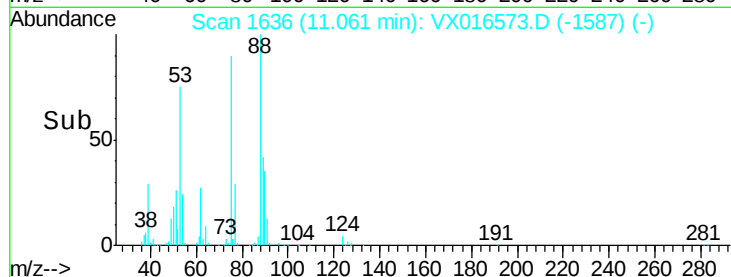
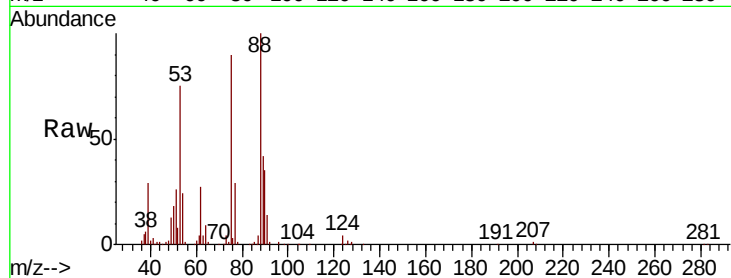




#81
trans-1,4-Dichloro-2-butene
Concen: 48.351 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

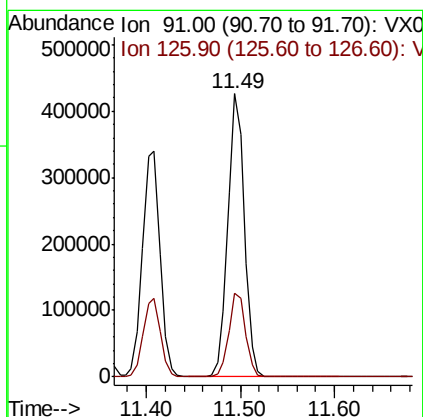
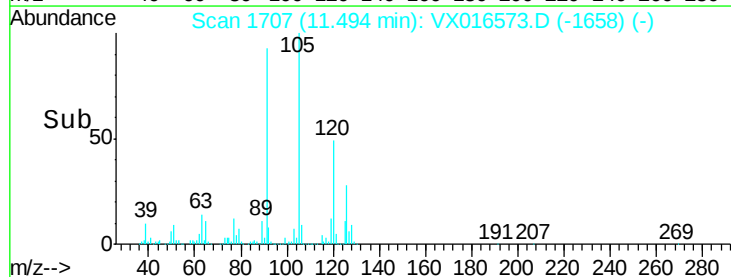
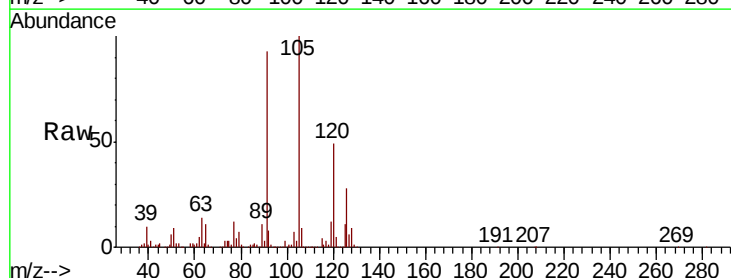
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

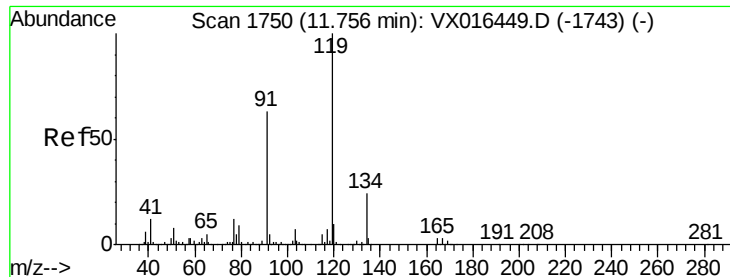
Tot Ion: 75 Resp: 80765
Ion Ratio Lower Upper
75 100
53 87.0 71.3 106.9
89 46.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 49.924 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 91 Resp: 520733
Ion Ratio Lower Upper
91 100
126 29.8 14.7 44.1





#83

tert-Butylbenzene

Concen: 54.377 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

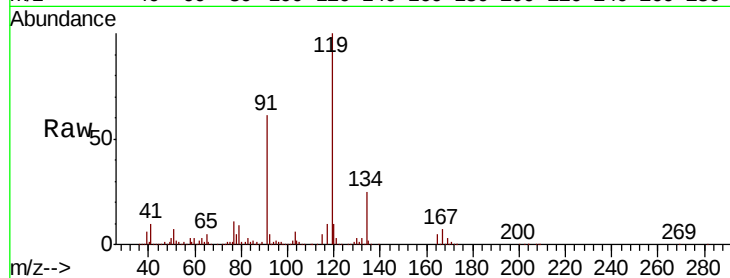
Tot Ion:119 Resp: 502493

Ion Ratio Lower Upper

119 100

91 60.0 31.3 93.8

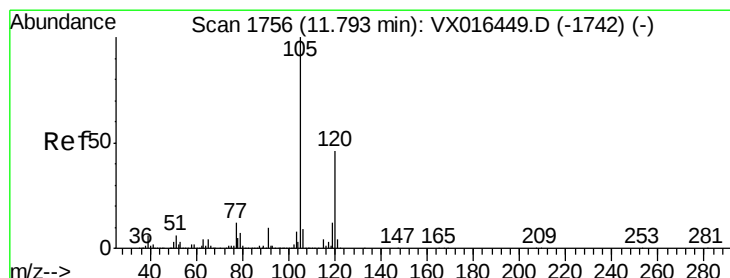
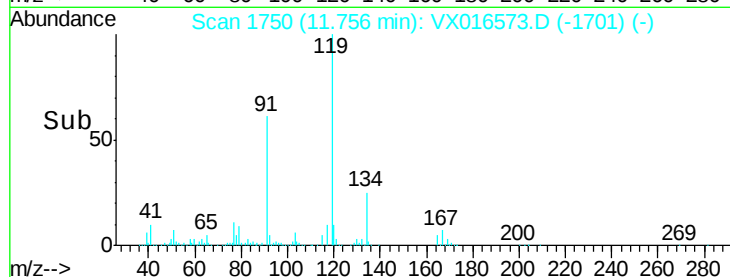
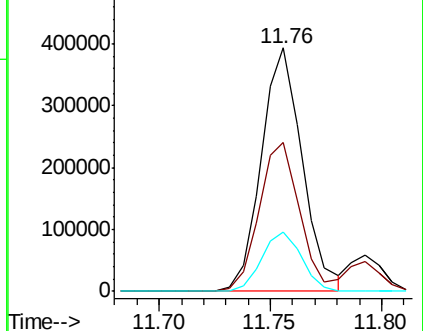
134 23.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.484 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016573.D

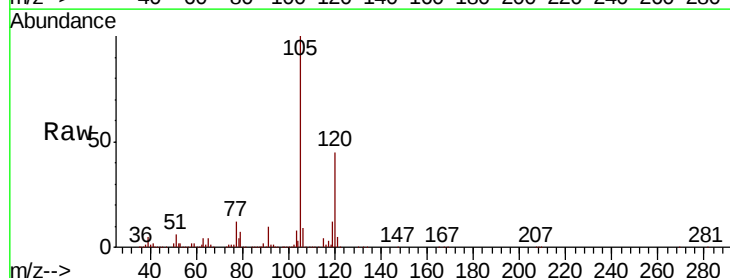
Acq: 03 Jun 2020 17:51

Tgt Ion:105 Resp: 563100

Ion Ratio Lower Upper

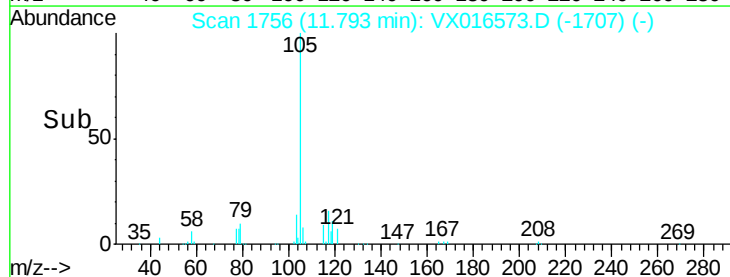
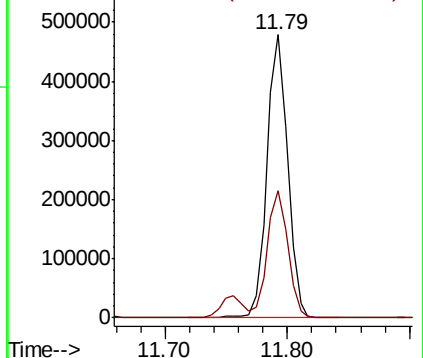
105 100

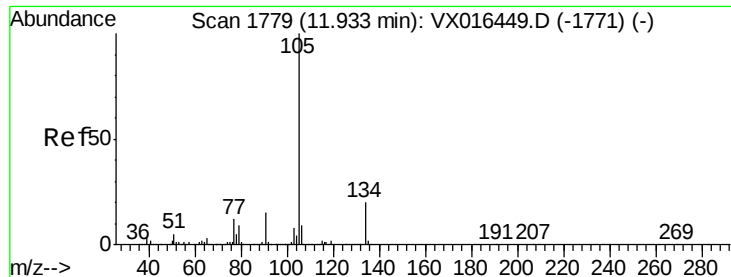
120 44.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.921 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

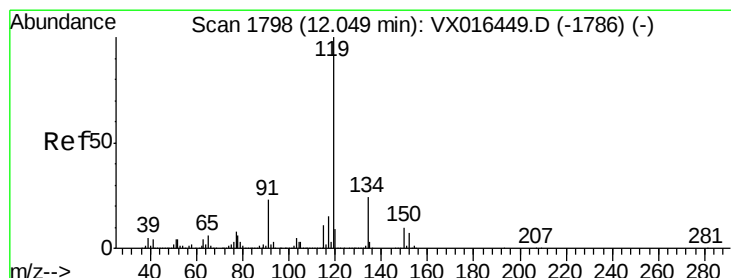
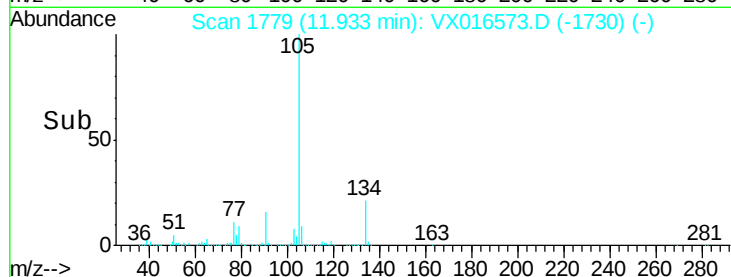
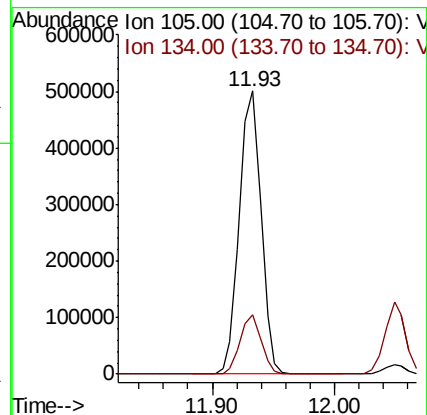
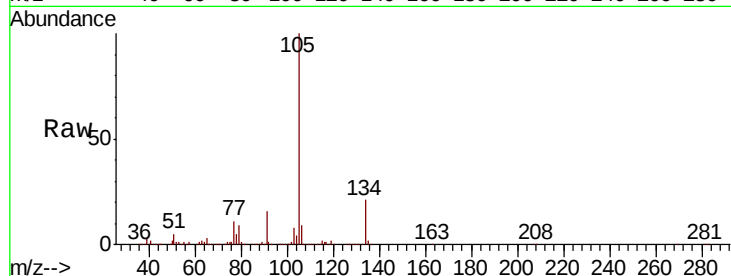
VSTDCCC050EC

Tot Ion:105 Resp: 613481

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



#86

p-Isopropyltoluene

Concen: 53.682 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

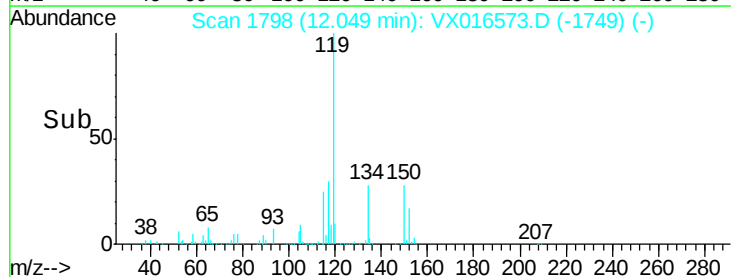
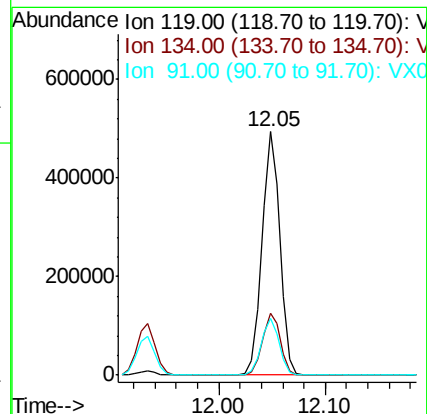
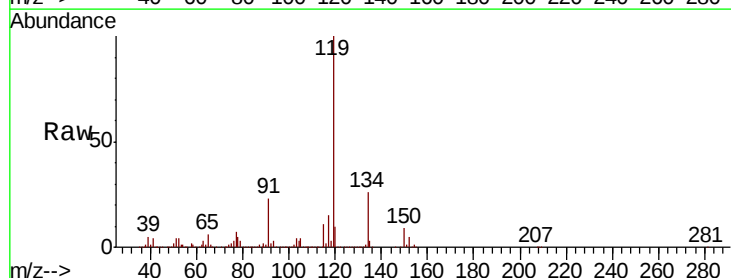
Tgt Ion:119 Resp: 582928

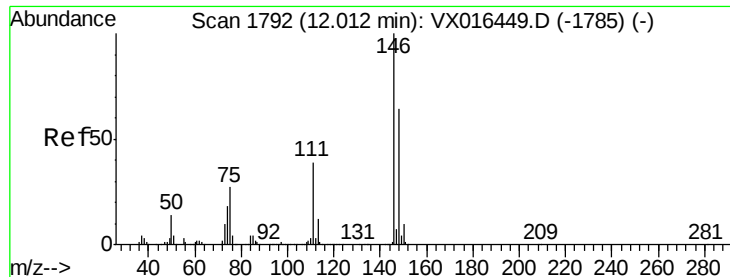
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.827 ug/l

RT: 12.01 min Scan# 1792

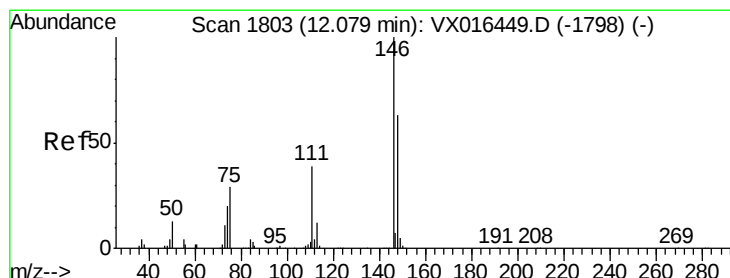
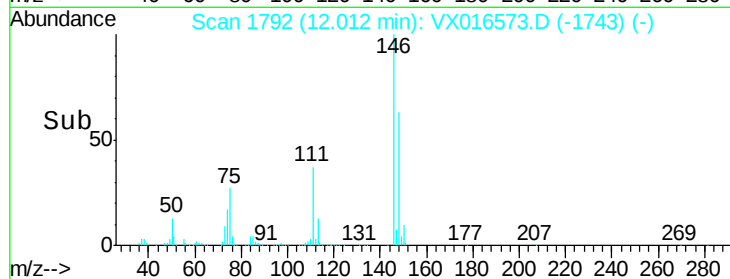
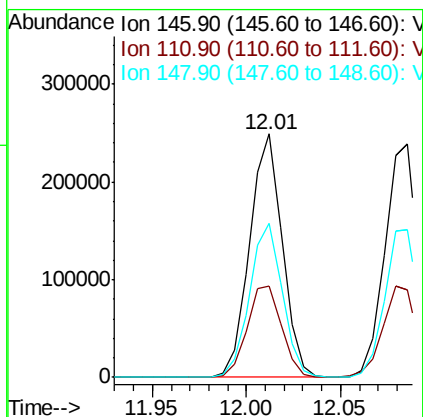
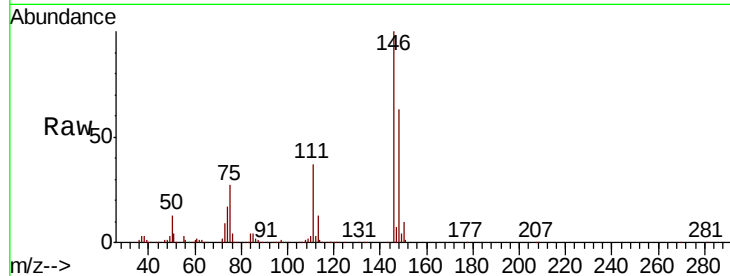
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.3	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 49.558 ug/l

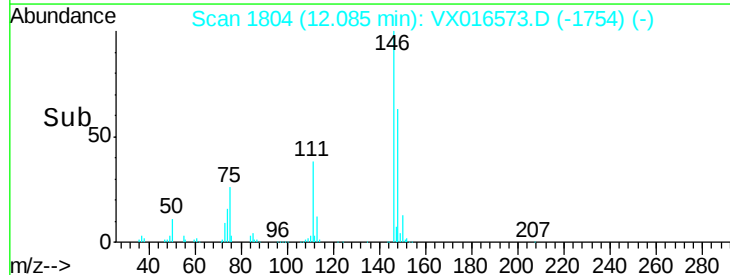
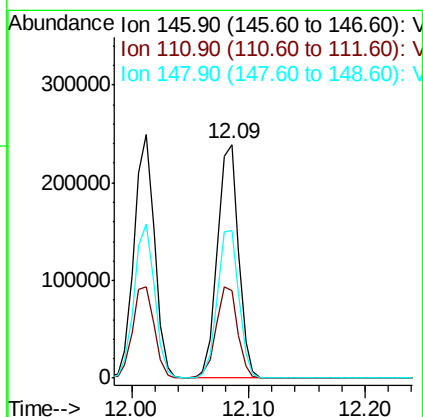
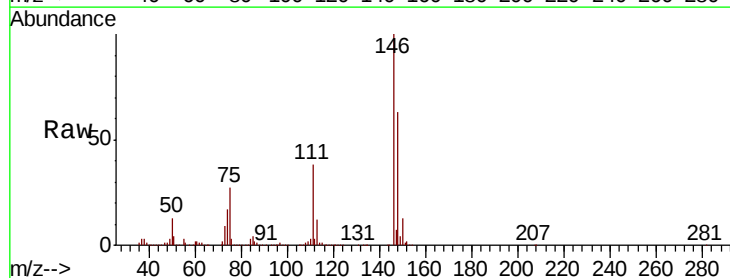
RT: 12.09 min Scan# 1804

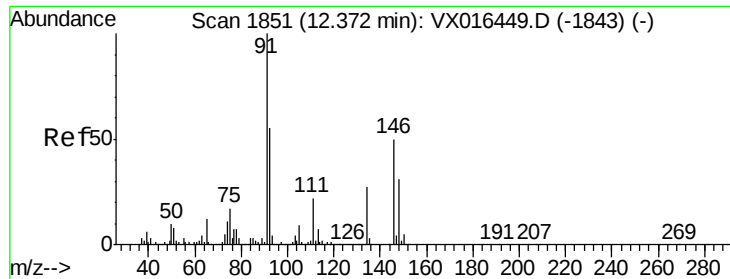
Delta R.T. 0.01 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	64.4	31.4	94.3

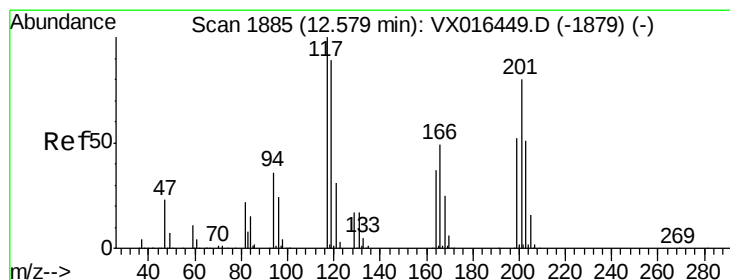
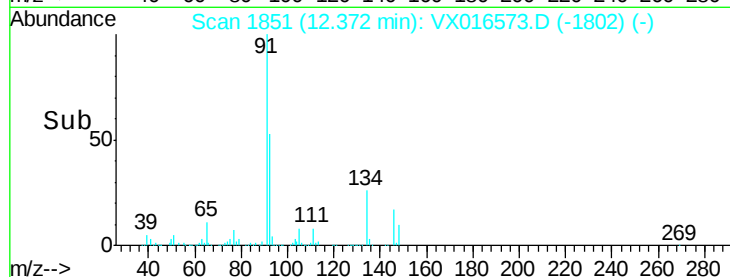
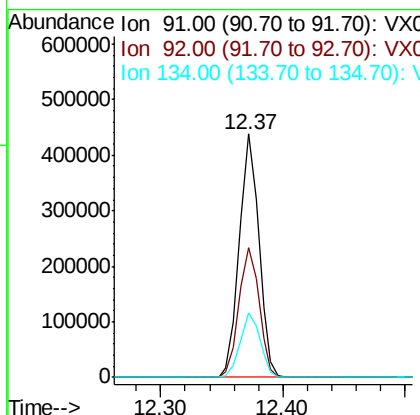
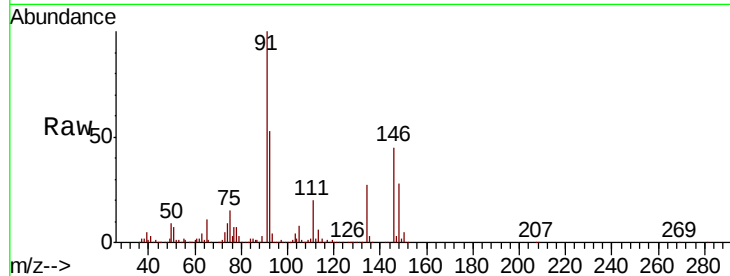




#89
n-Butylbenzene
Concen: 53.530 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

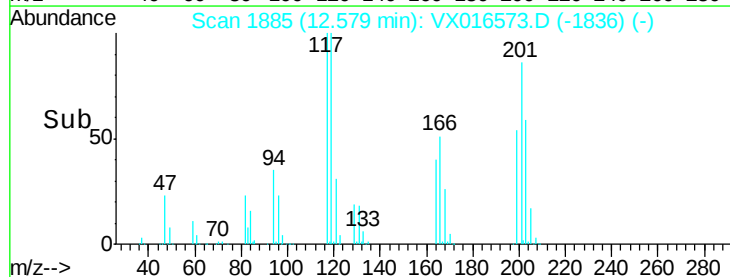
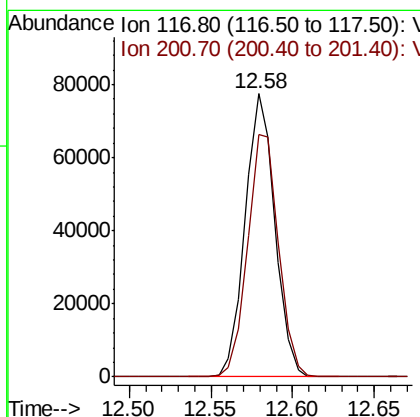
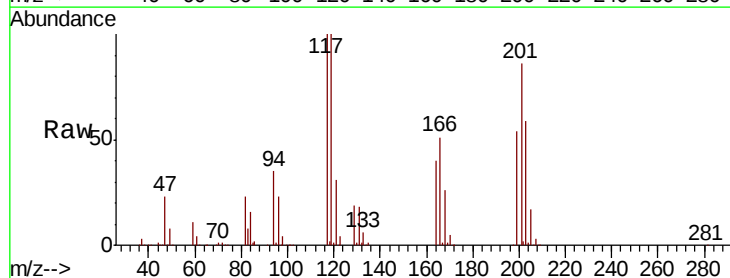
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

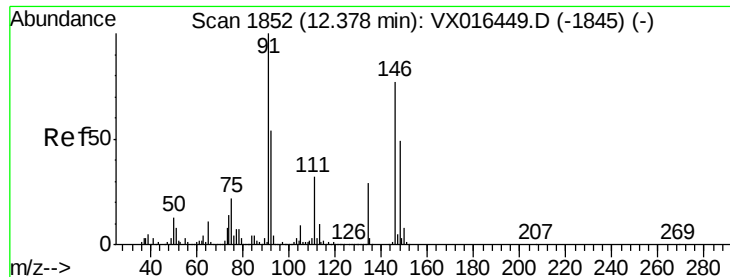
Tot Ion: 91 Resp: 484167
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.5
134 27.0 13.1 39.3



#90
Hexachloroethane
Concen: 52.639 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 117 Resp: 98733
Ion Ratio Lower Upper
117 100
201 88.8 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 49.635 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

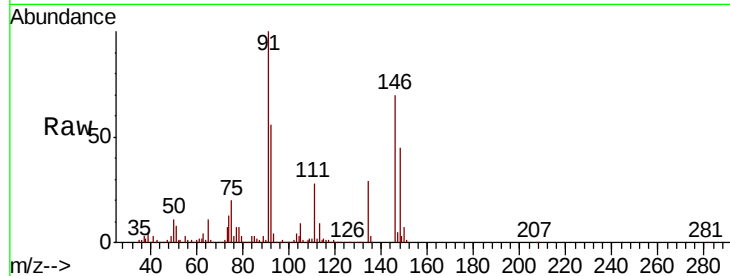
Tot Ion:146 Resp: 283021

Ion Ratio Lower Upper

146 100

111 42.1 21.4 64.3

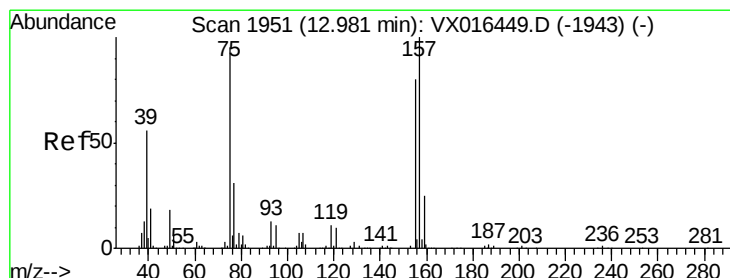
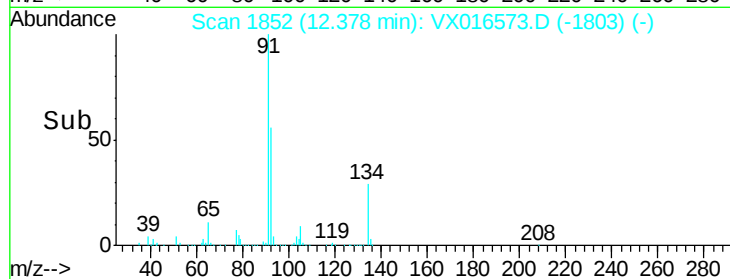
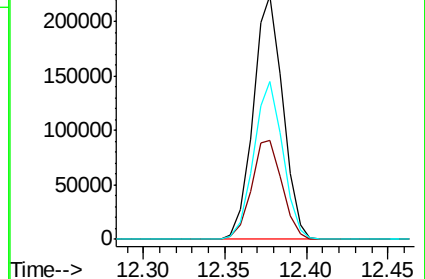
148 63.8 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.737 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

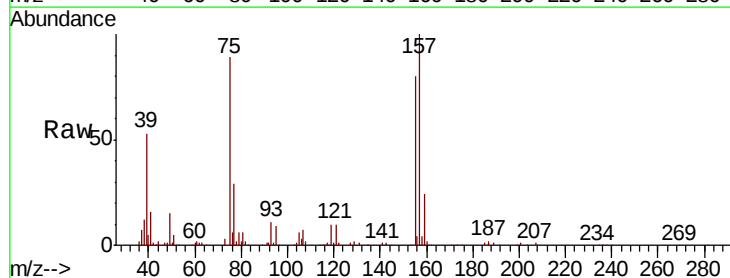
Tgt Ion: 75 Resp: 51244

Ion Ratio Lower Upper

75 100

155 92.9 44.1 132.4

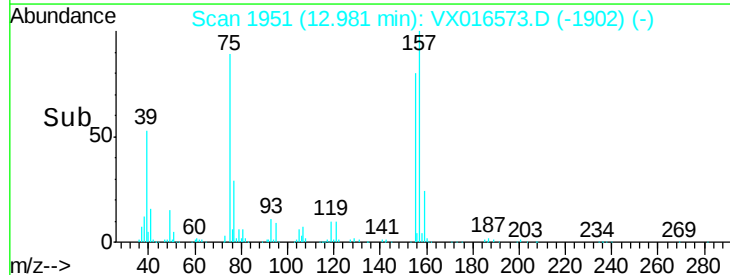
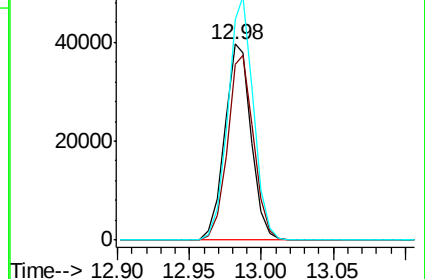
157 119.4 57.8 173.3

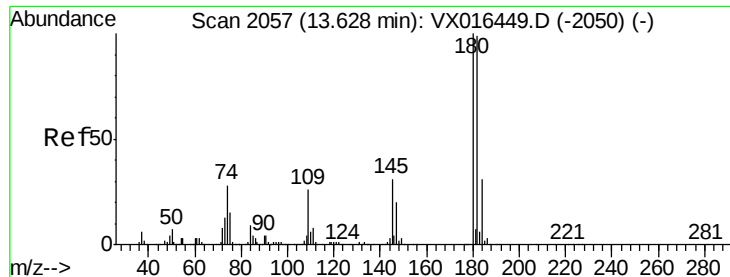


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

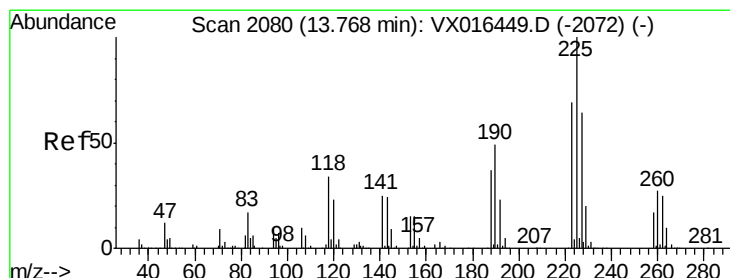
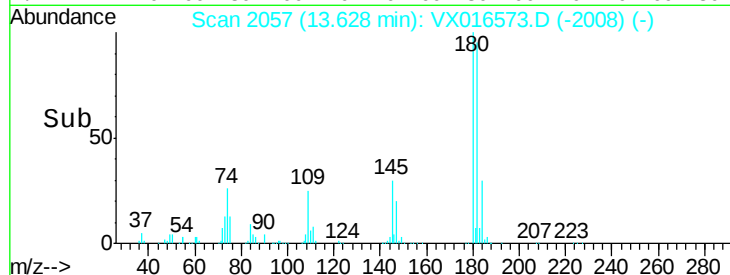
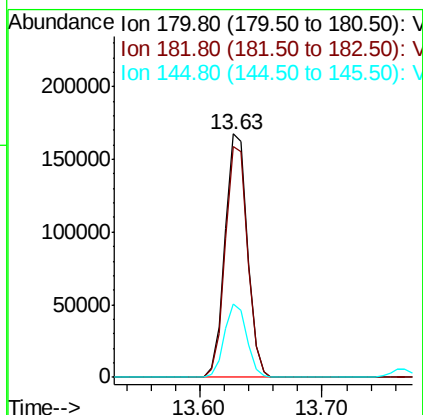
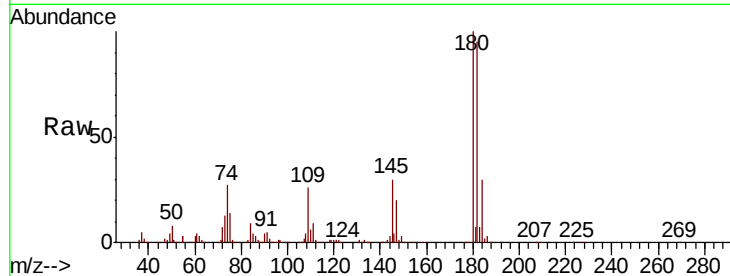




#93
 1,2,4-Trichlorobenzene
 Concen: 55.725 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

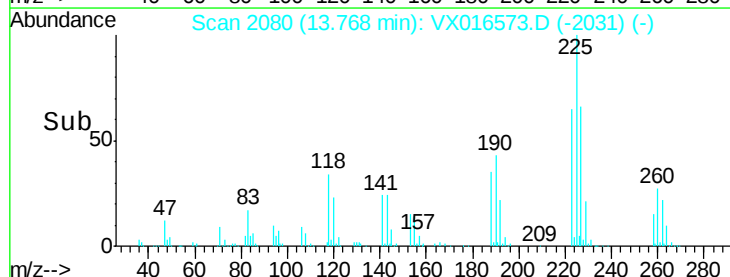
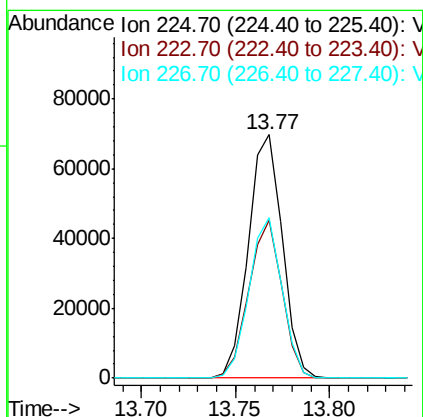
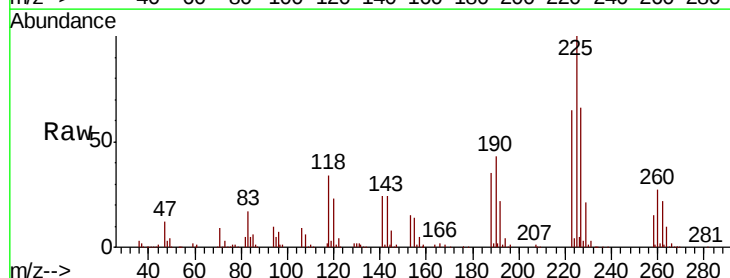
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

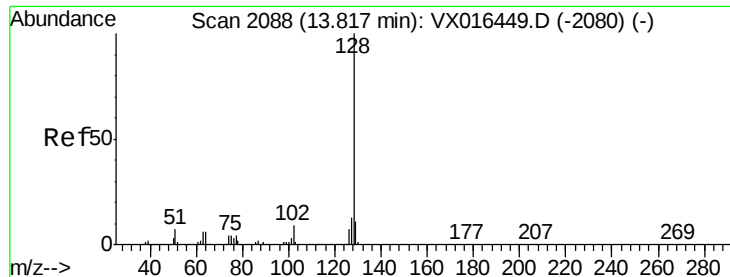
Tot Ion:180 Resp: 211030
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.8
 145 30.1 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 58.777 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion:225 Resp: 87393
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.3 96.8
 227 63.9 31.6 94.7

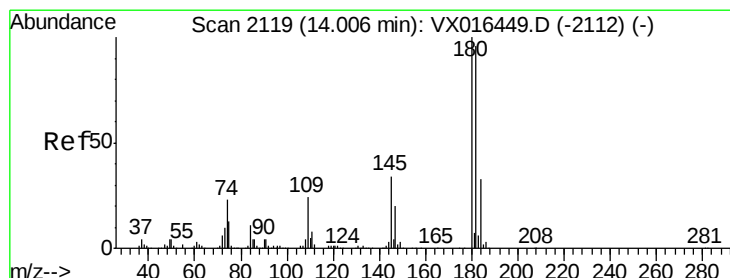
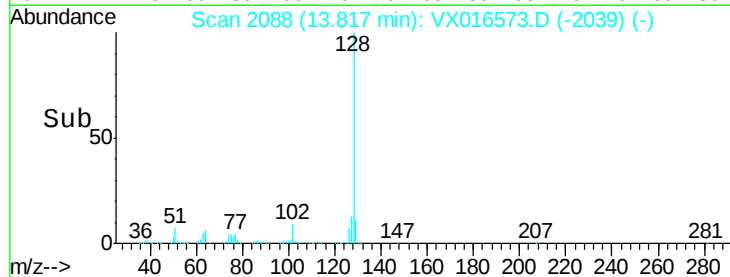
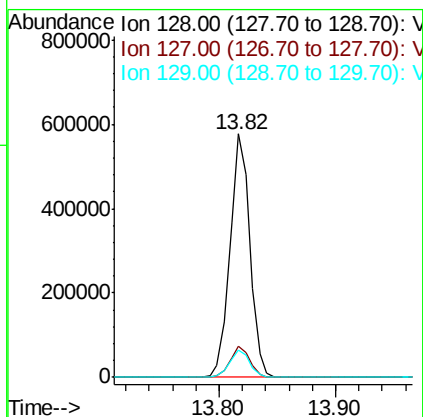
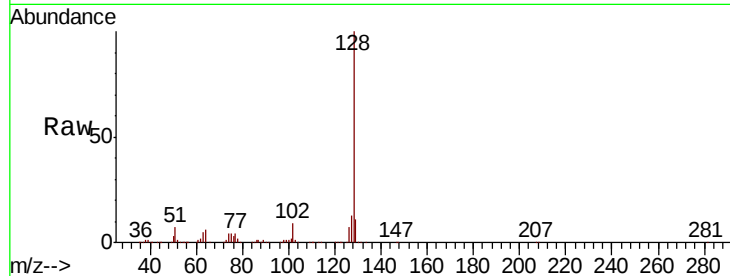




#95
Naphthalene
Concen: 52.639 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 683369
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.935 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion:180 Resp: 203812
Ion Ratio Lower Upper
180 100
182 94.5 48.6 145.8
145 32.1 16.6 49.8

