

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016164.D
 Acq On : 11 May 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 12 07:02:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	290358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	476471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	181933	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	144752	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	8.70	98	557242	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.12	95	216791	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	152489	49.616	ug/l	100
3) Chloromethane	1.31	50	165665	46.415	ug/l	99
4) Vinyl Chloride	1.39	62	182714	47.982	ug/l	100
5) Bromomethane	1.62	94	79429	41.374	ug/l	96
6) Chloroethane	1.70	64	113203	48.859	ug/l	99
7) Trichlorofluoromethane	1.92	101	242316	48.470	ug/l	98
8) Diethyl Ether	2.17	74	103038	48.916	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138789	48.119	ug/l	98
10) Methyl Iodide	2.49	142	162694	41.994	ug/l	100
11) Tert butyl alcohol	3.02	59	227614	235.580	ug/l	100
12) 1,1-Dichloroethene	2.36	96	144789	47.970	ug/l	96
13) Acrolein	2.27	56	111166	183.865	ug/l	99
14) Allyl chloride	2.71	41	269906	48.771	ug/l	97
15) Acrylonitrile	3.12	53	508978	253.936	ug/l	99
16) Acetone	2.42	43	415401	243.664	ug/l	98
17) Carbon Disulfide	2.55	76	421979	46.541	ug/l	99
18) Methyl Acetate	2.75	43	219901	52.461	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	538133	51.719	ug/l	100
20) Methylene Chloride	2.84	84	167799	47.745	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	160715	47.782	ug/l	99
22) Diisopropyl ether	3.82	45	528681	50.637	ug/l	99
23) Vinyl Acetate	3.79	43	2349057	255.736	ug/l	100
24) 1,1-Dichloroethane	3.67	63	297336	50.910	ug/l	98
25) 2-Butanone	4.64	43	706201	257.068	ug/l	100
26) 2,2-Dichloropropane	4.56	77	234957	44.051	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	185831	50.537	ug/l	97
28) Bromochloromethane	4.98	49	133573	50.156	ug/l	99
29) Tetrahydrofuran	5.09	42	458277	251.764	ug/l	99
30) Chloroform	5.18	83	295293	50.780	ug/l	98
31) Cyclohexane	5.55	56	256926	48.405	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	268161	50.732	ug/l	99
36) 1,1-Dichloropropene	5.78	75	221801	47.290	ug/l	99
37) Ethyl Acetate	4.79	43	268887	49.464	ug/l	100
38) Carbon Tetrachloride	5.76	117	233705	49.023	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	255705	45.271	ug/l	99
40) Benzene	6.12	78	672878	49.032	ug/l	98
41) Methacrylonitrile	5.01	41	142909	48.679	ug/l	99
42) 1,2-Dichloroethane	6.17	62	235020	47.541	ug/l	99
43) Isopropyl Acetate	6.42	43	429020	49.464	ug/l	100
44) Trichloroethene	7.19	130	204157	41.875	ug/l	100
45) 1,2-Dichloropropane	7.49	63	173851	50.066	ug/l	97
46) Dibromomethane	7.64	93	115556	48.969	ug/l	99
47) Bromodichloromethane	7.88	83	239530	49.839	ug/l	97
48) Methyl methacrylate	7.74	41	203691	49.561	ug/l	98
49) 1,4-Dioxane	7.71	88	82757	839.588	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1350416	254.429	ug/l	99
52) Toluene	8.77	92	423127	49.466	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	277420	48.413	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	292098	48.802	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	170634	50.702	ug/l	99
56) Ethyl methacrylate	9.16	69	284336	51.759	ug/l	97
57) 1,3-Dichloropropane	9.35	76	293910	50.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	704465	240.878	ug/l	100
59) 2-Hexanone	9.48	43	1052123	252.416	ug/l	99
60) Dibromochloromethane	9.57	129	194066	52.358	ug/l	99
61) 1,2-Dibromoethane	9.65	107	183259	50.272	ug/l	99
64) Tetrachloroethene	9.32	164	229083	42.147	ug/l	98
65) Chlorobenzene	10.12	112	456454	49.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	171879	50.161	ug/l	100
67) Ethyl Benzene	10.24	91	797715	48.226	ug/l	99
68) m/p-Xylenes	10.34	106	602711	97.252	ug/l	99
69) o-Xylene	10.68	106	295323	49.574	ug/l	98
70) Styrene	10.70	104	515389	50.996	ug/l	99
71) Bromoform	10.84	173	147202	52.728	ug/l #	99
73) Isopropylbenzene	11.00	105	767313	47.090	ug/l	100
74) N-amyl acetate	10.88	43	372561	49.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	211919	63.958	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	332613	65.427	ug/l	84
77) Bromobenzene	11.24	156	198563	47.211	ug/l	99
78) n-propylbenzene	11.34	91	890762	46.991	ug/l	100
79) 2-Chlorotoluene	11.40	91	529199	47.295	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	654398	47.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100696	47.203	ug/l	98
82) 4-Chlorotoluene	11.49	91	629743	47.660	ug/l	100
83) tert-Butylbenzene	11.76	119	572105	48.253	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	660823	47.510	ug/l	99
85) sec-Butylbenzene	11.93	105	737999	46.101	ug/l	99
86) p-Isopropyltoluene	12.05	119	693801	46.680	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	353132	46.761	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	355295	46.354	ug/l	100
89) n-Butylbenzene	12.37	91	612049	45.076	ug/l	100
90) Hexachloroethane	12.58	117	119706	46.896	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	338710	46.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64574	48.195	ug/l	97

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QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245975	45.689	ug/l	96
94) Hexachlorobutadiene	13.77	225	95209	41.164	ug/l	100
95) Naphthalene	13.82	128	819798	47.028	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	239112	45.446	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

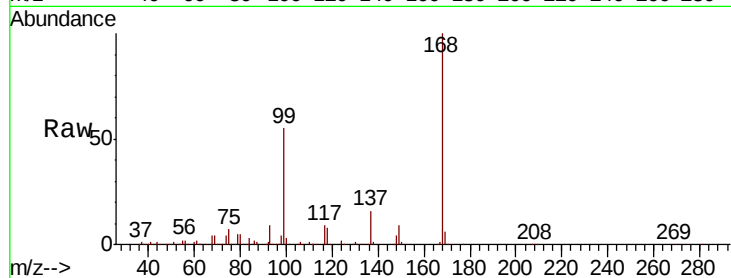
VSTDCCC050EC

Tot Ion:168 Resp: 290358

Ion Ratio Lower Upper

168 100

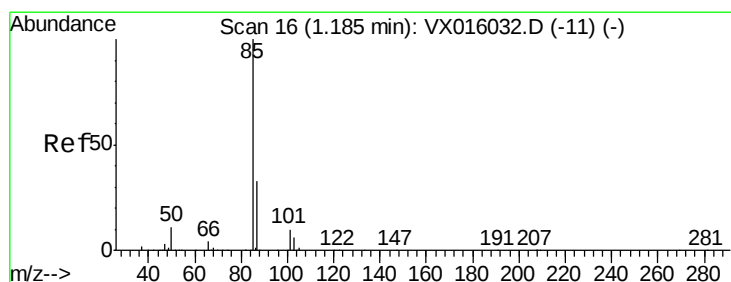
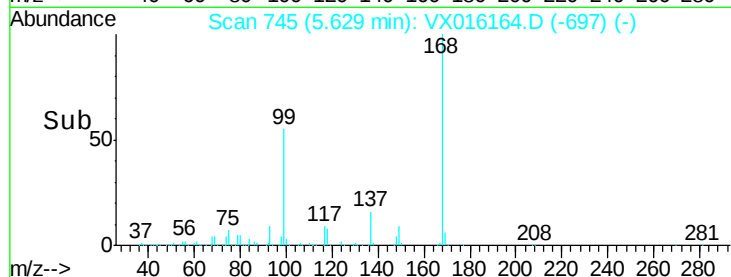
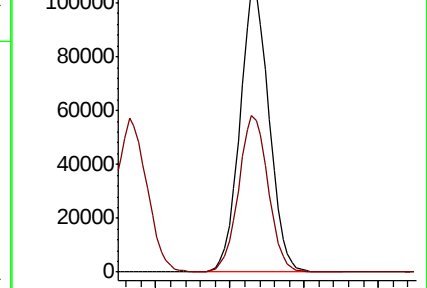
99 55.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63



#2

Dichlorodifluoromethane

Concen: 49.616 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016164.D

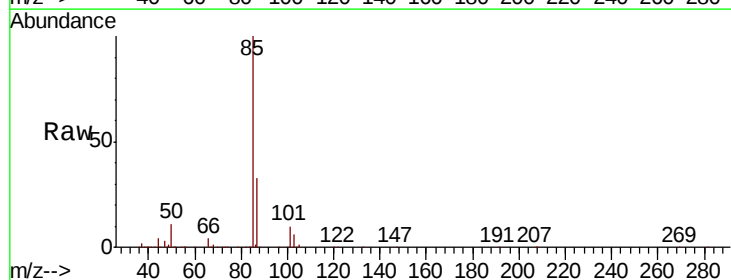
Acq: 11 May 2020 20:59

Tgt Ion: 85 Resp: 152489

Ion Ratio Lower Upper

85 100

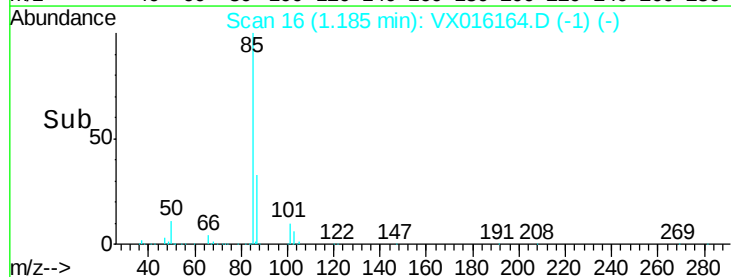
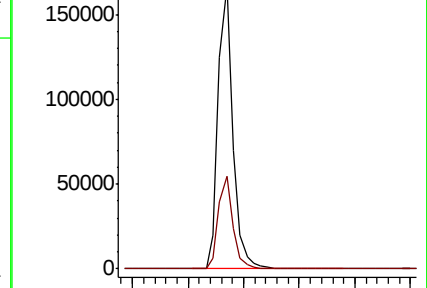
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18





#3

Chloromethane

Concen: 46.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

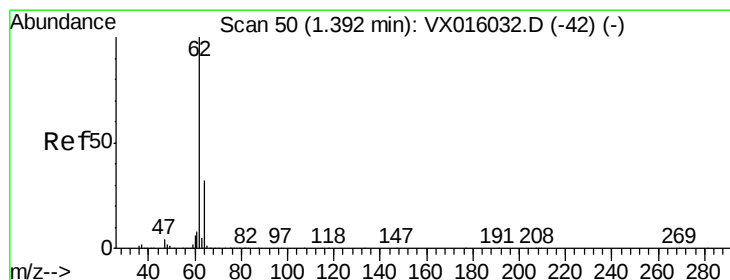
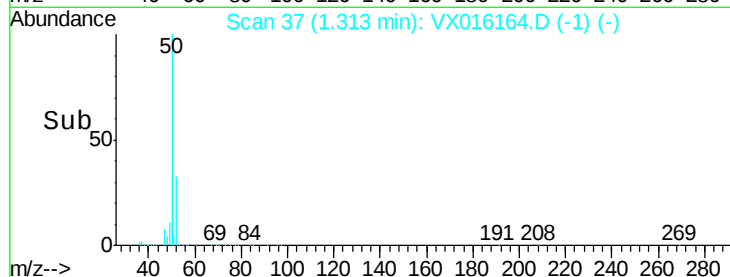
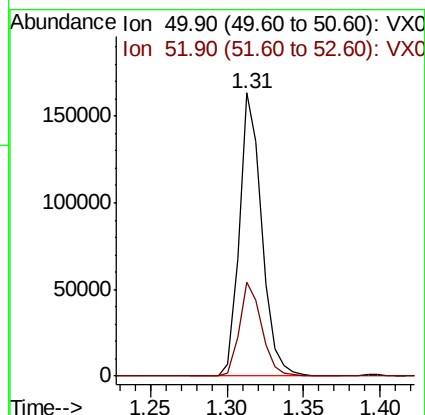
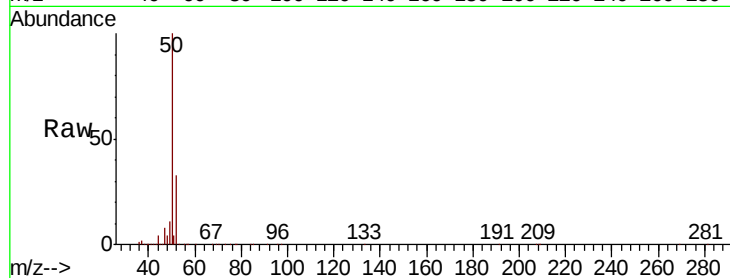
VSTDCCC050EC

Tot Ion: 50 Resp: 165665

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 47.982 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016164.D

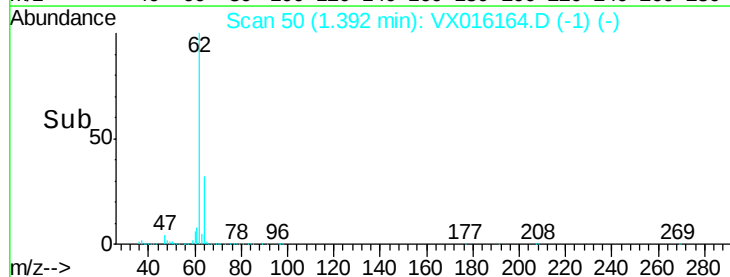
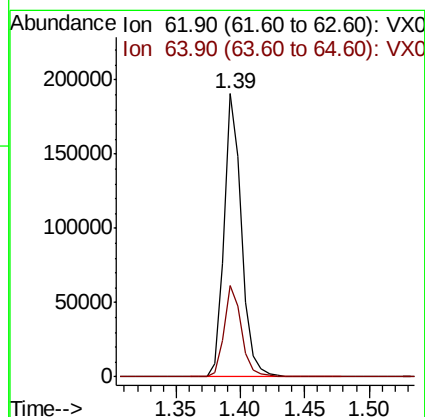
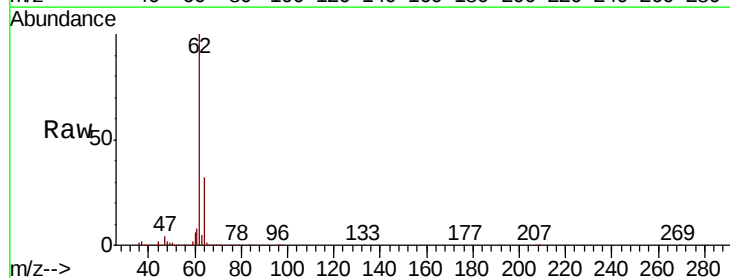
Acq: 11 May 2020 20:59

Tgt Ion: 62 Resp: 182714

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 41.374 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

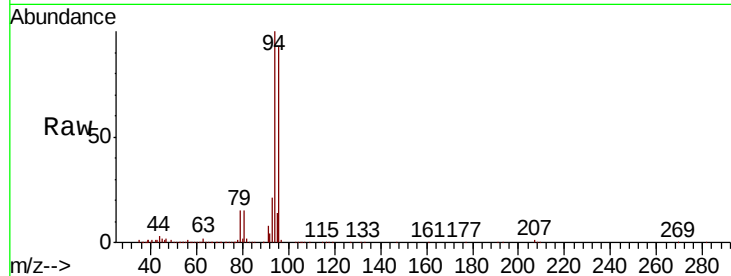
VSTDCCC050EC

Tot Ion: 94 Resp: 79429

Ion Ratio Lower Upper

94 100

96 92.4 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

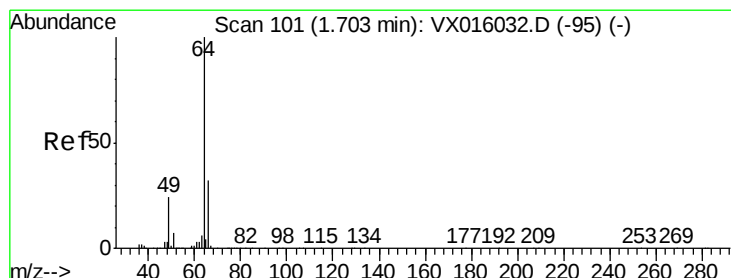
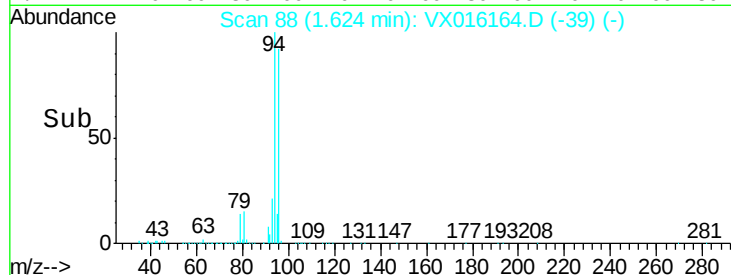
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 48.859 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016164.D

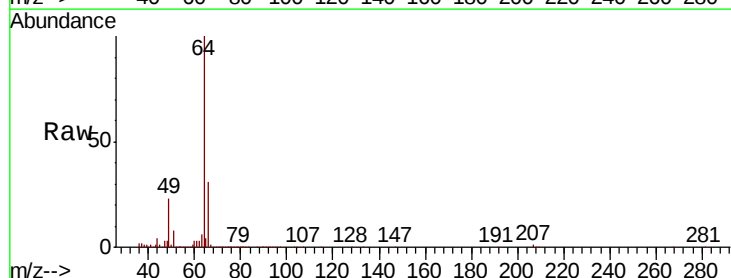
Acq: 11 May 2020 20:59

Tgt Ion: 64 Resp: 113203

Ion Ratio Lower Upper

64 100

66 31.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

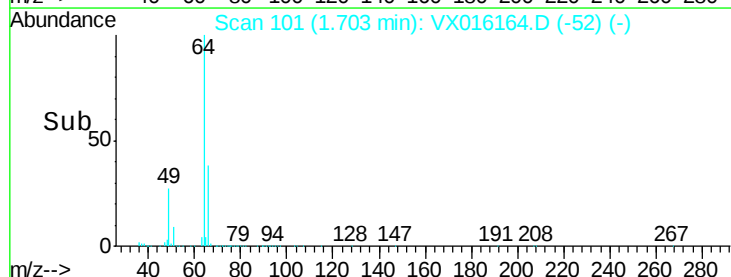
40000

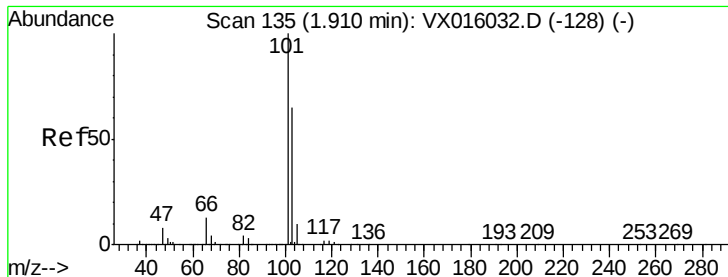
20000

0

1.65 1.70 1.75 1.80

Time-->



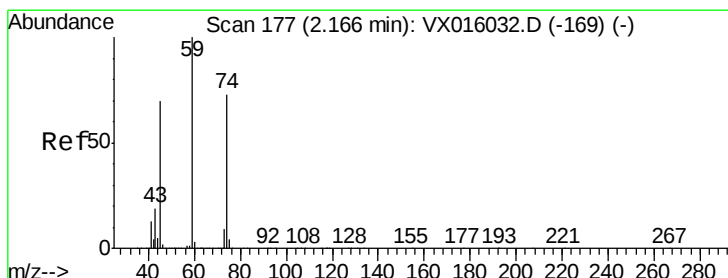
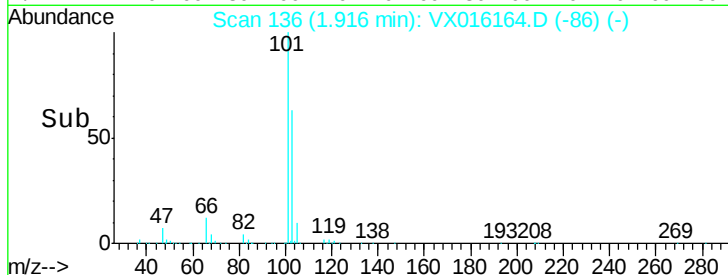
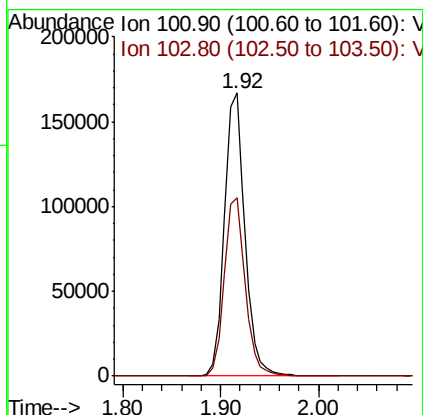
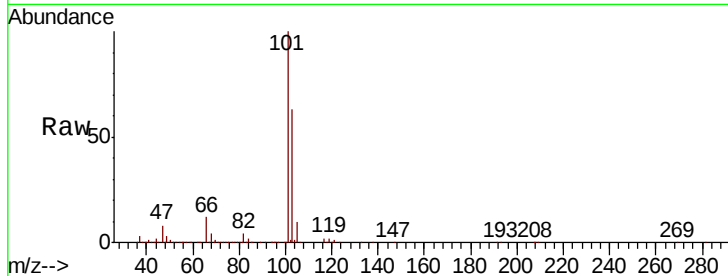


#7

Trichlorofluoromethane
Concen: 48.470 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

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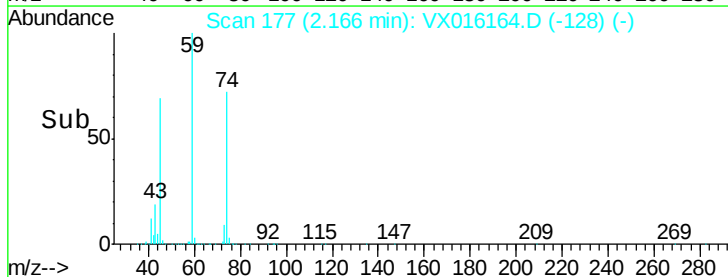
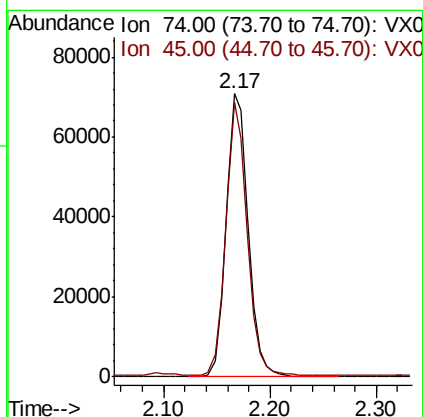
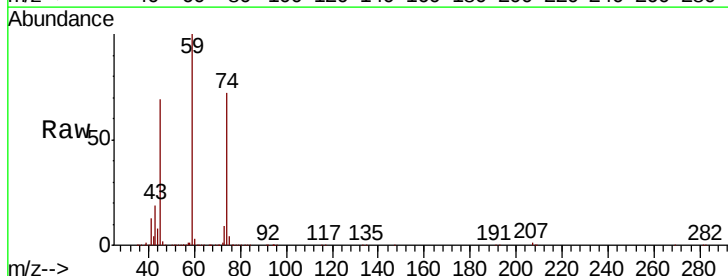
Tot Ion:101 Resp: 242316
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.6

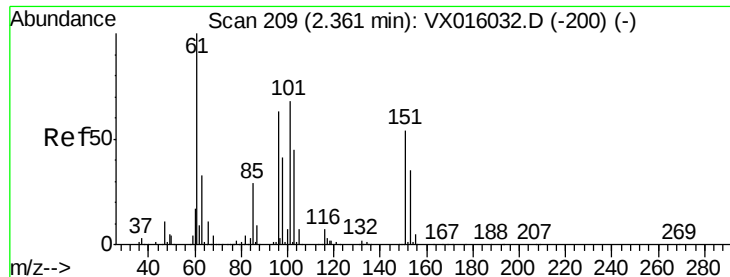


#8

Diethyl Ether
Concen: 48.916 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 74 Resp: 103038
Ion Ratio Lower Upper
74 100
45 93.1 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.119 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

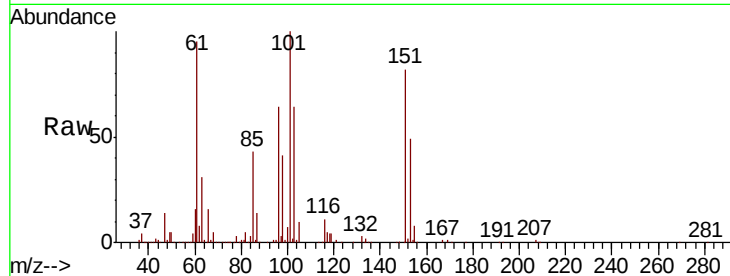
Tot Ion:101 Resp: 138789

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

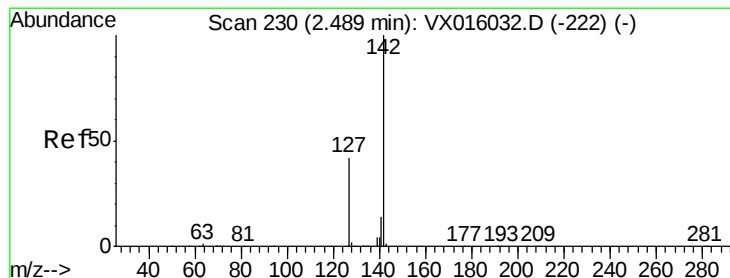
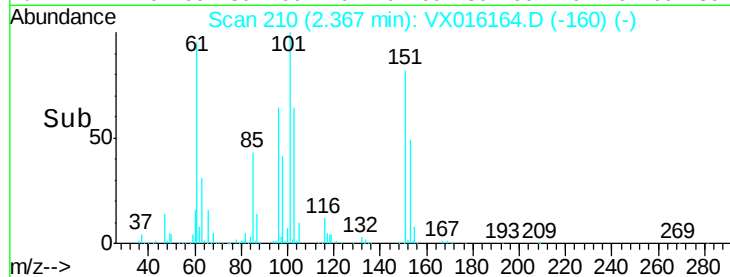
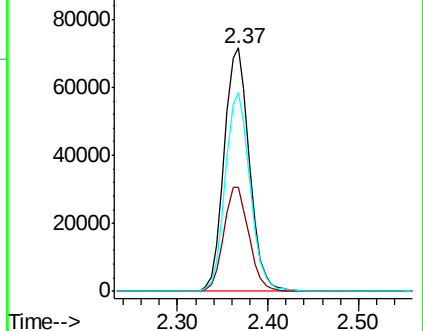
151 80.0 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.994 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

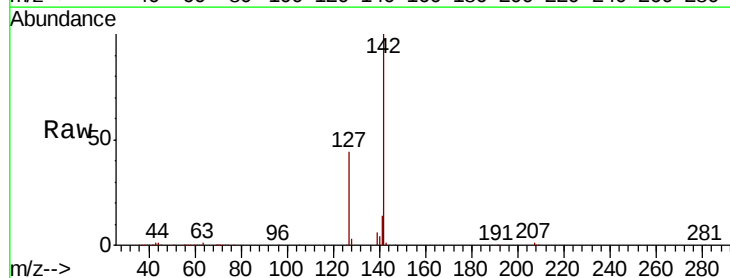
Tgt Ion:142 Resp: 162694

Ion Ratio Lower Upper

142 100

127 43.0 34.6 52.0

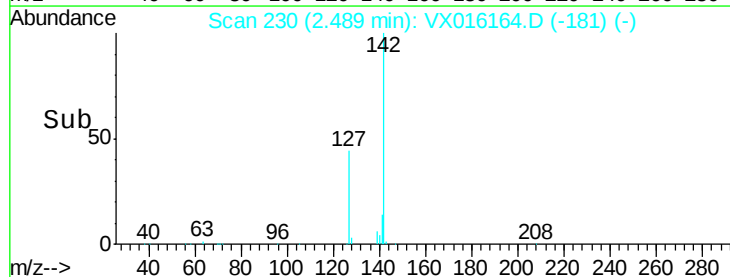
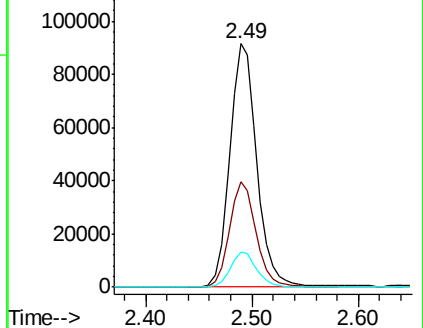
141 14.1 11.3 16.9



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

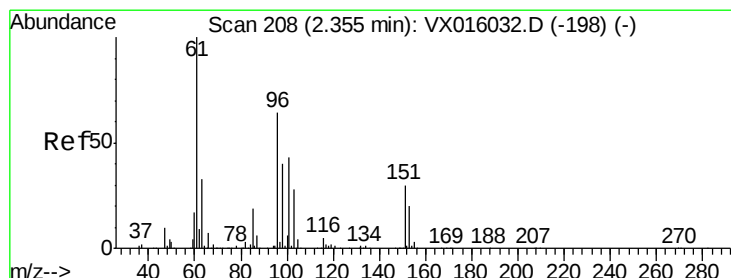
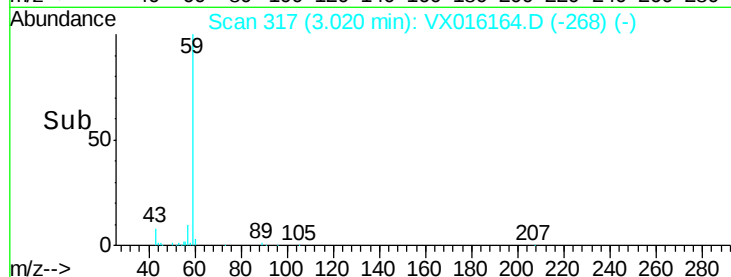
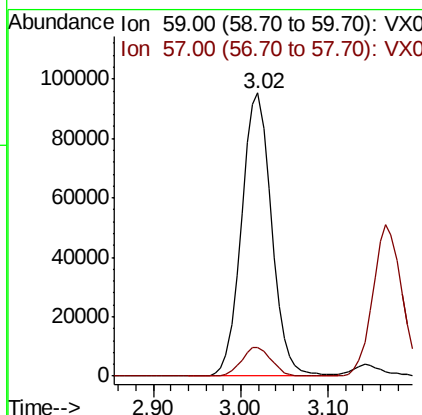
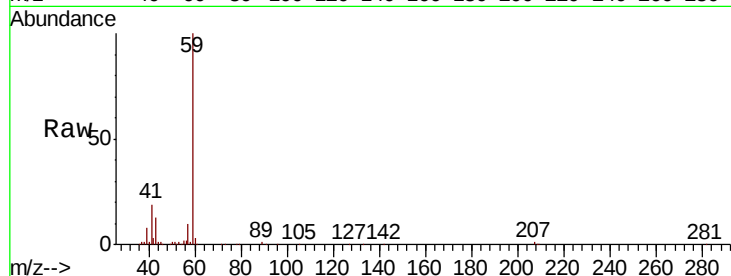




#11
Tert butyl alcohol
Concen: 235.580 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

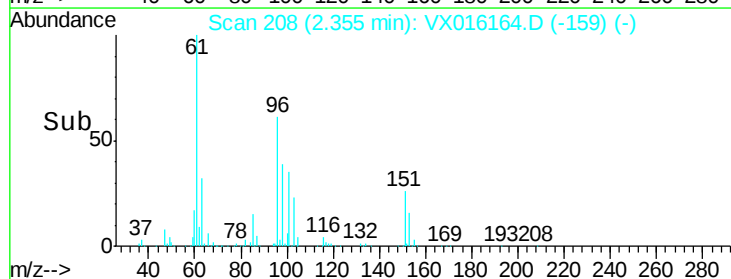
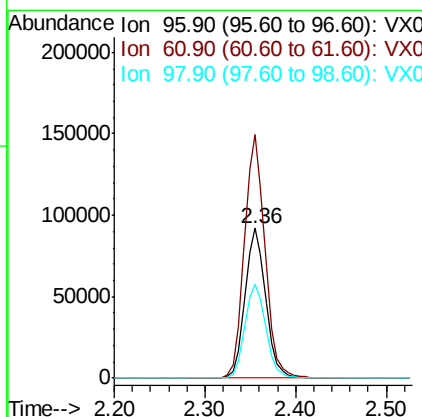
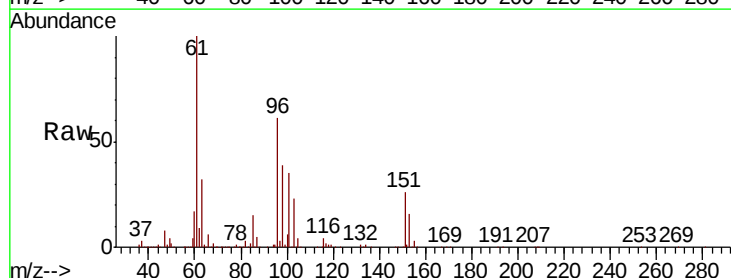
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

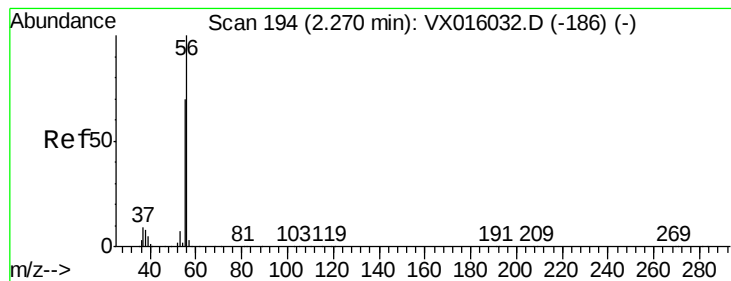
Tot Ion: 59 Resp: 227614
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.970 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 96 Resp: 144789
Ion Ratio Lower Upper
96 100
61 162.9 124.8 187.2
98 62.9 49.7 74.5





#13

Acrolein

Concen: 183.865 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

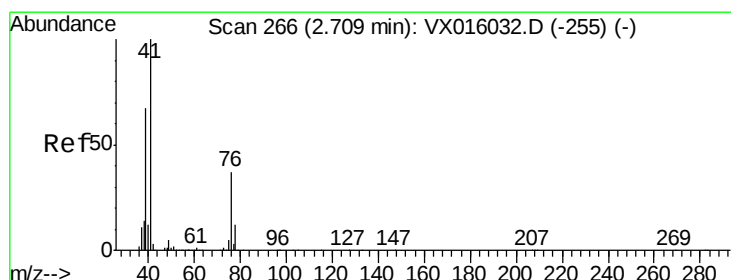
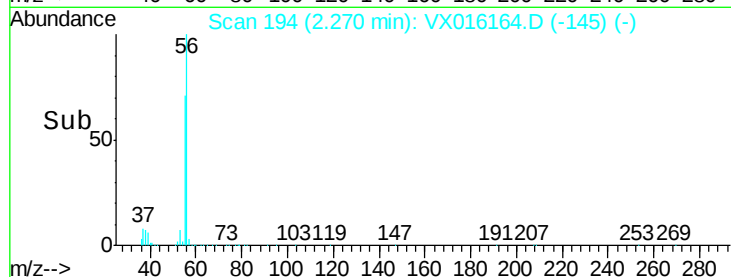
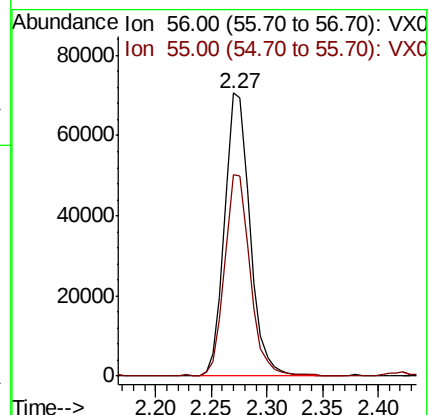
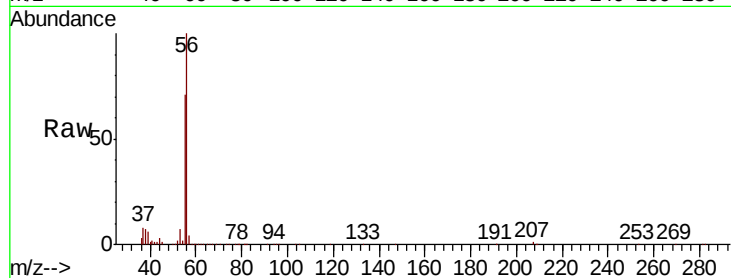
VSTDCCC050EC

Tot Ion: 56 Resp: 111166

Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



#14

Allyl chloride

Concen: 48.771 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

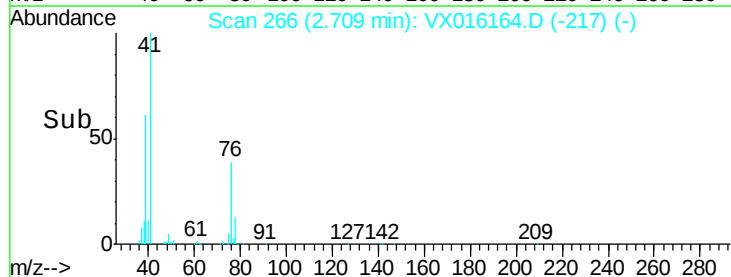
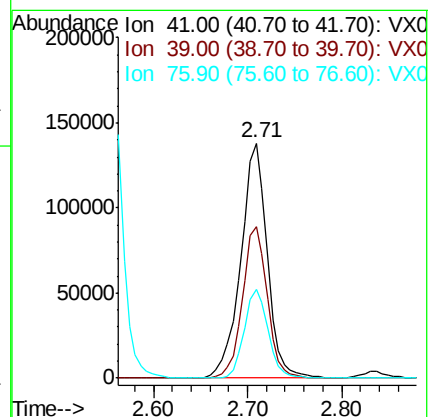
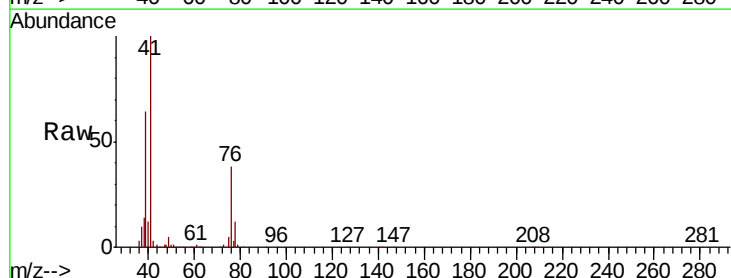
Tgt Ion: 41 Resp: 269906

Ion Ratio Lower Upper

41 100

39 60.6 50.5 75.7

76 33.9 26.6 40.0





#15

Acrylonitrile

Concen: 253.936 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

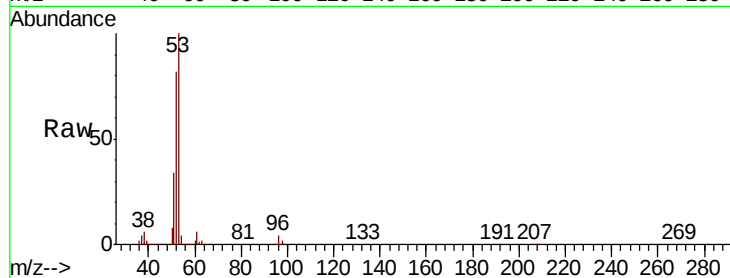
Tot Ion: 53 Resp: 508978

Ion Ratio Lower Upper

53 100

52 81.8 66.1 99.1

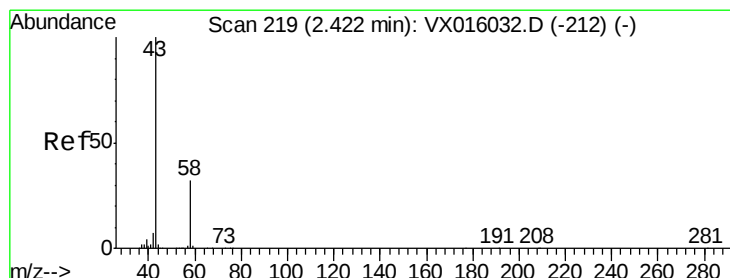
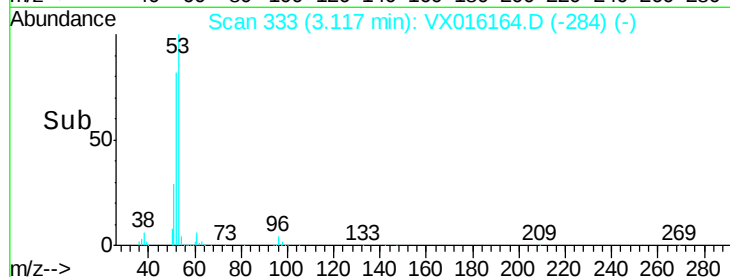
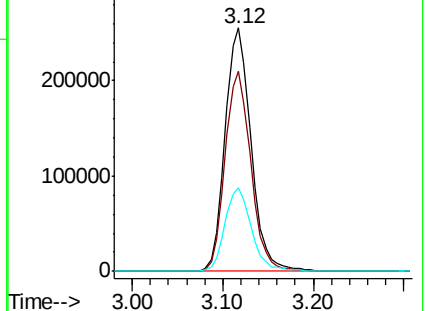
51 35.0 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.664 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016164.D

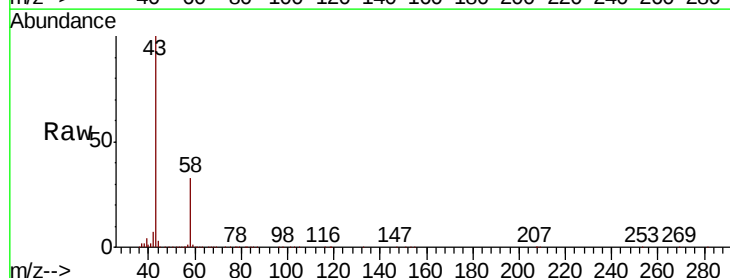
Acq: 11 May 2020 20:59

Tgt Ion: 43 Resp: 415401

Ion Ratio Lower Upper

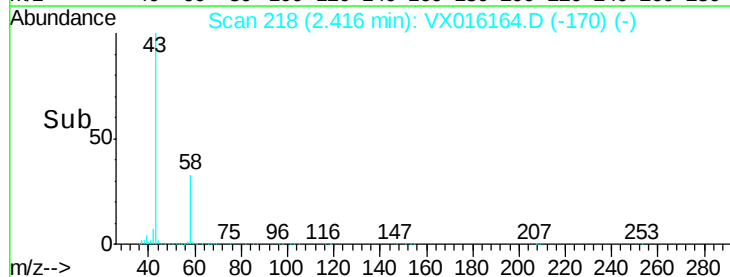
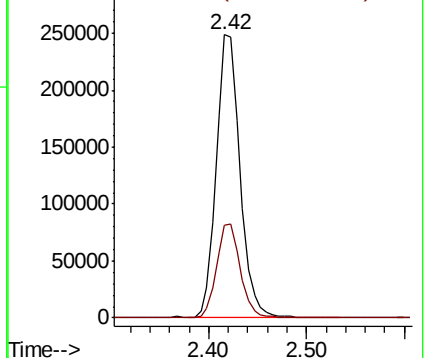
43 100

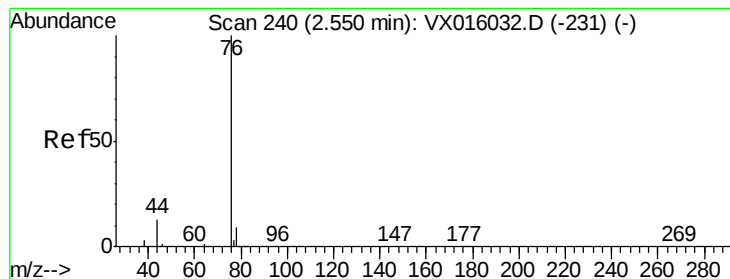
58 32.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.541 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

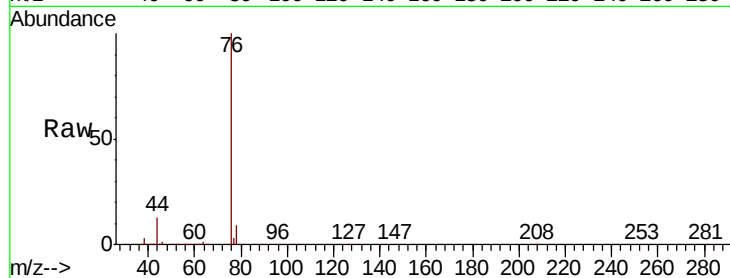
VSTDCCC050EC

Tot Ion: 76 Resp: 421979

Ion Ratio Lower Upper

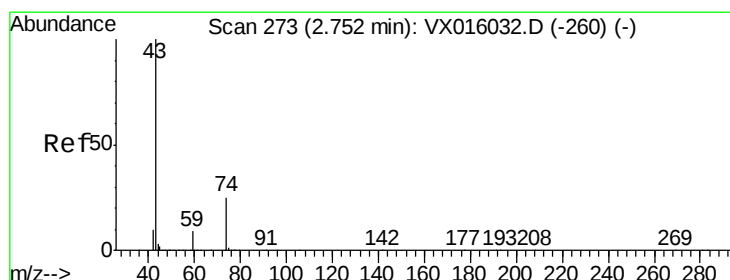
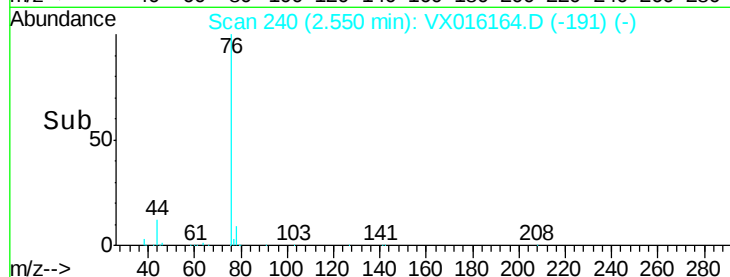
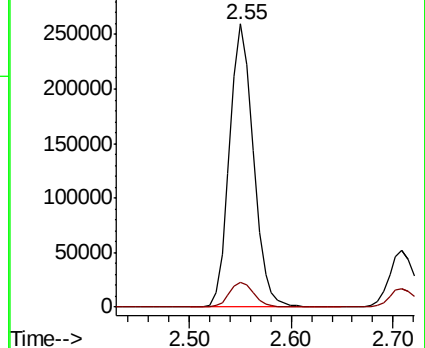
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.461 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016164.D

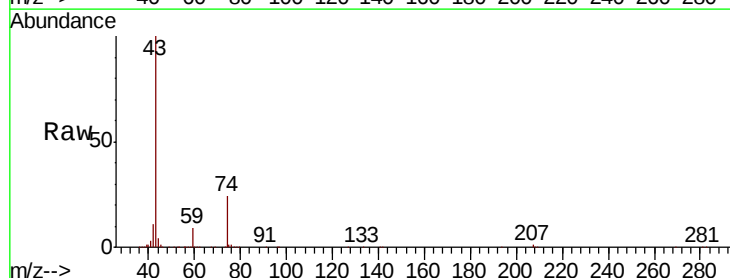
Acq: 11 May 2020 20:59

Tgt Ion: 43 Resp: 219901

Ion Ratio Lower Upper

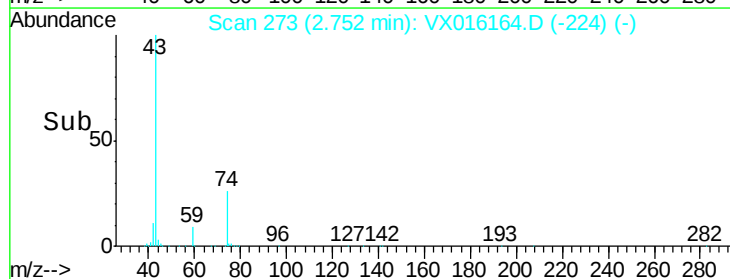
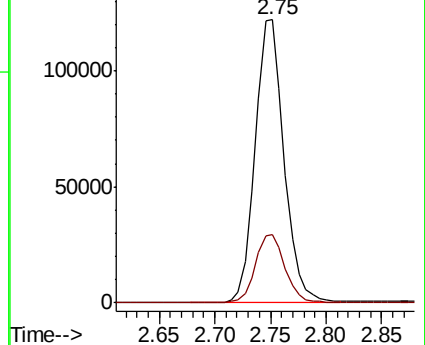
43 100

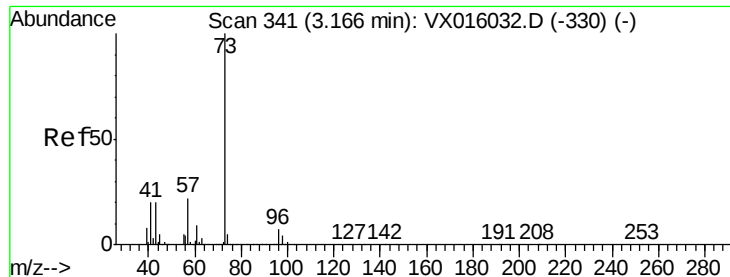
74 25.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

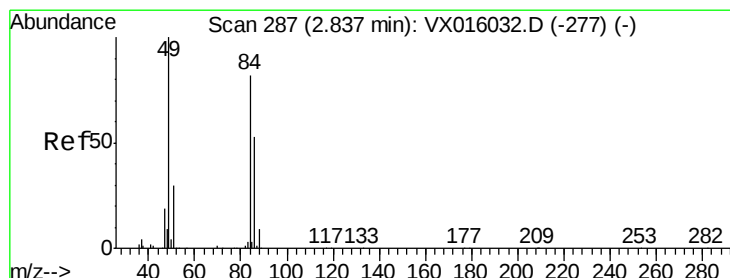
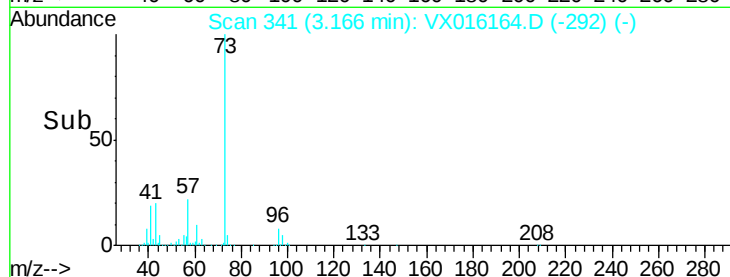
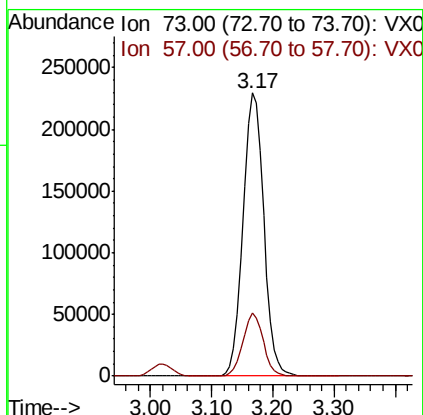
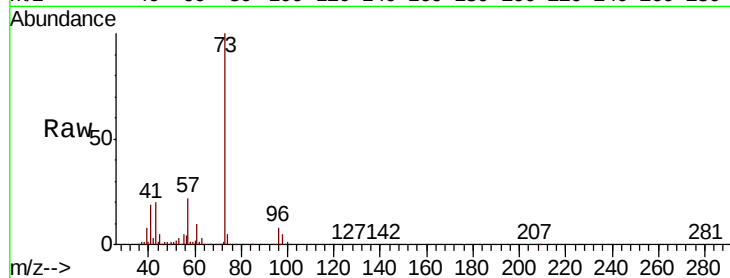




#19
Methyl tert-butyl Ether
Concen: 51.719 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

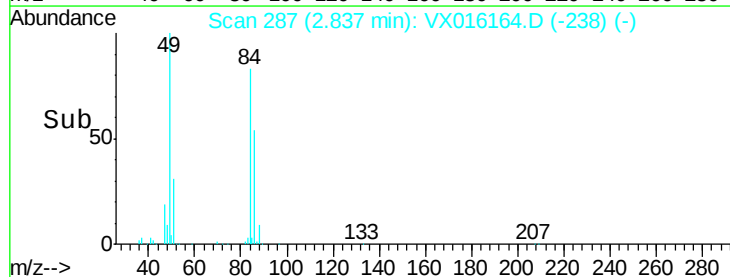
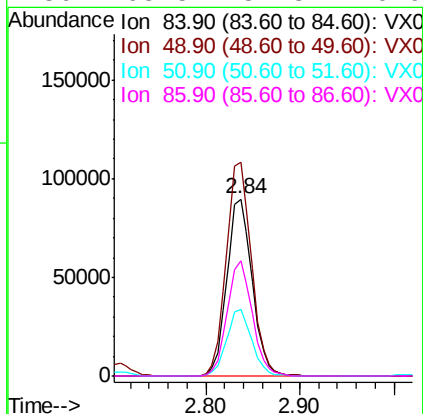
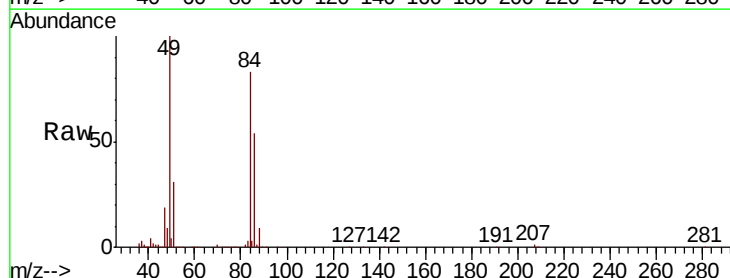
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 538133
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 47.745 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 84 Resp: 167799
Ion Ratio Lower Upper
84 100
49 120.9 97.3 145.9
51 37.6 29.3 43.9
86 65.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.782 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

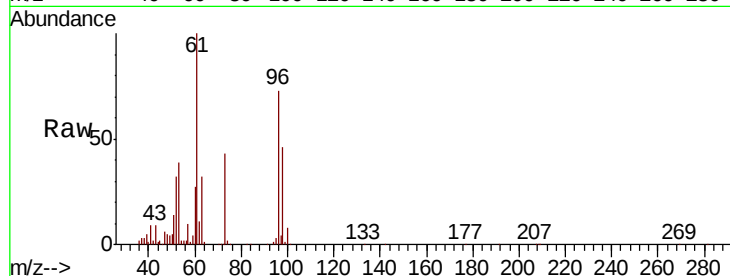
Tot Ion: 96 Resp: 160715

Ion Ratio Lower Upper

96 100

61 137.6 111.2 166.8

98 62.8 50.2 75.4

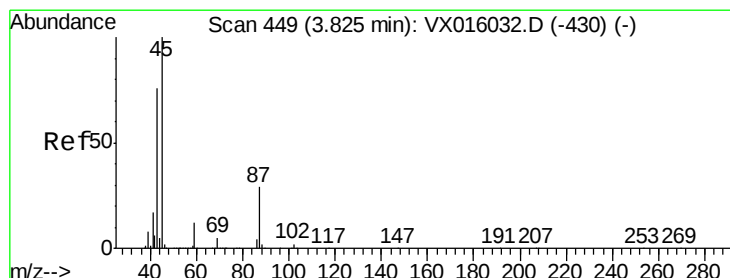
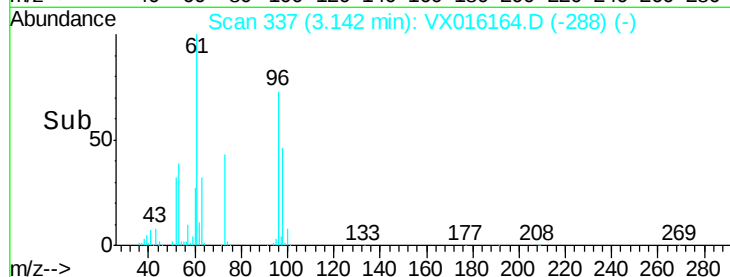
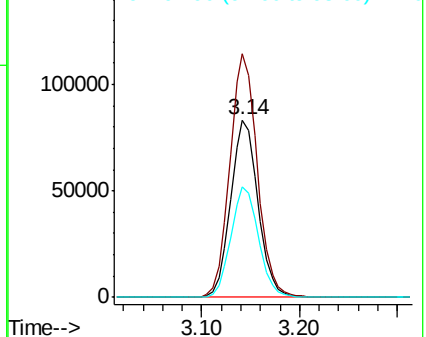


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.637 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion: 45 Resp: 528681

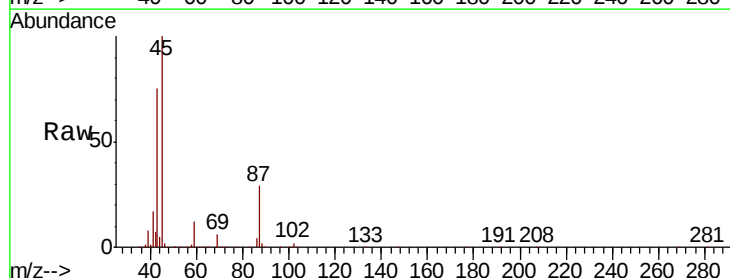
Ion Ratio Lower Upper

45 100

43 75.1 61.1 91.7

87 28.9 23.0 34.6

59 12.1 9.8 14.6



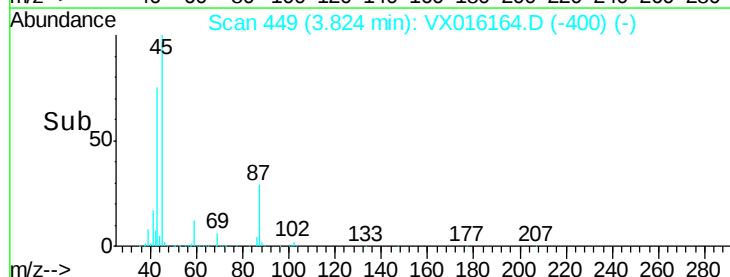
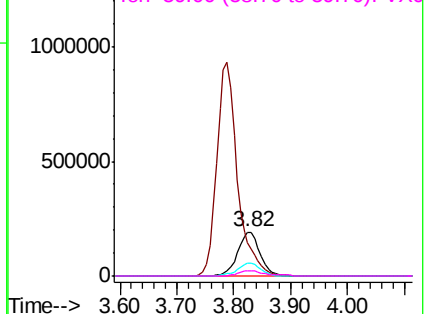
Abundance

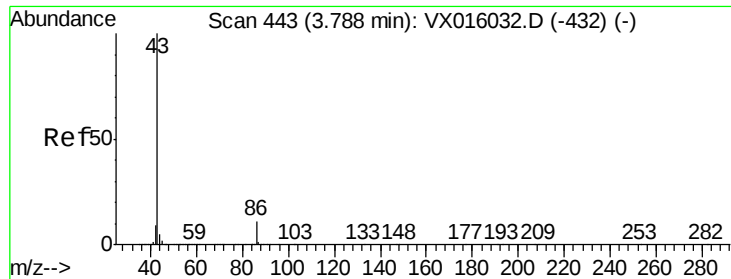
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.736 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

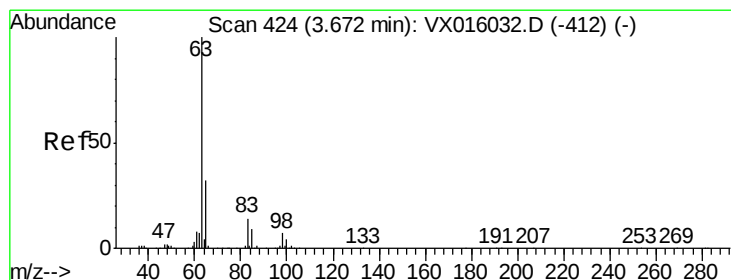
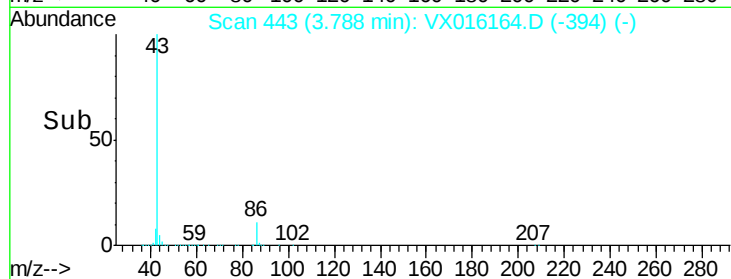
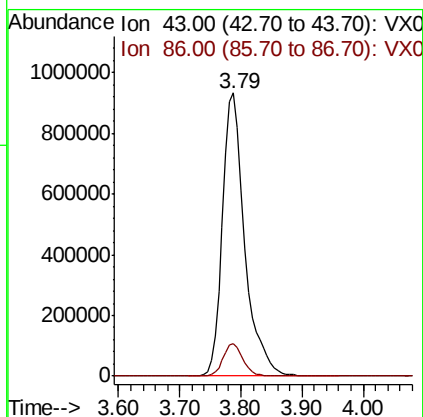
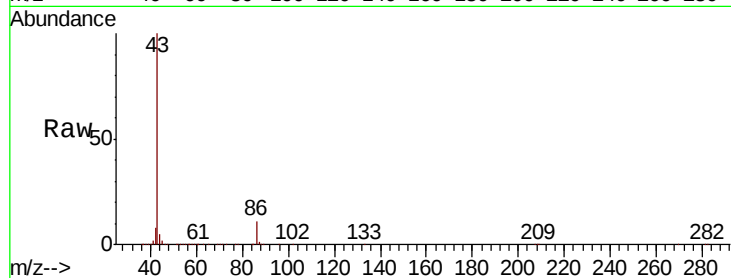
VSTDCCC050EC

Tot Ion: 43 Resp: 2349057

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.4



#24

1,1-Dichloroethane

Concen: 50.910 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

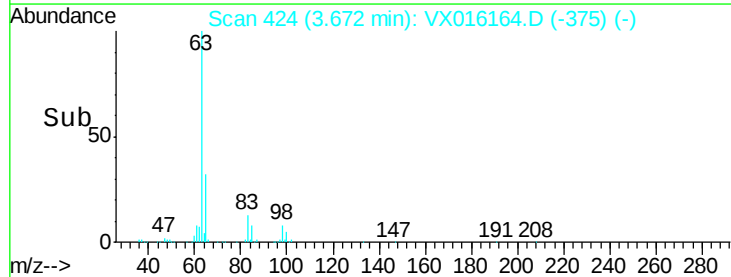
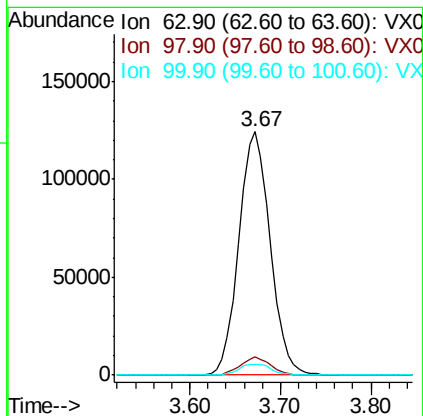
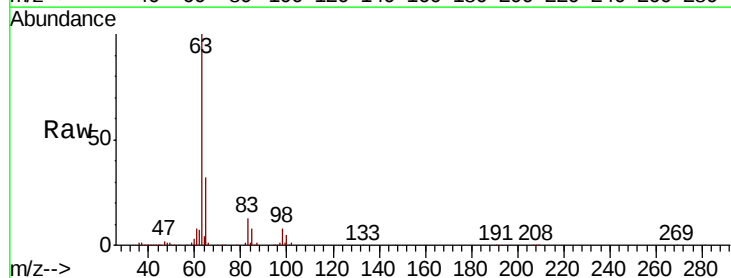
Tgt Ion: 63 Resp: 297336

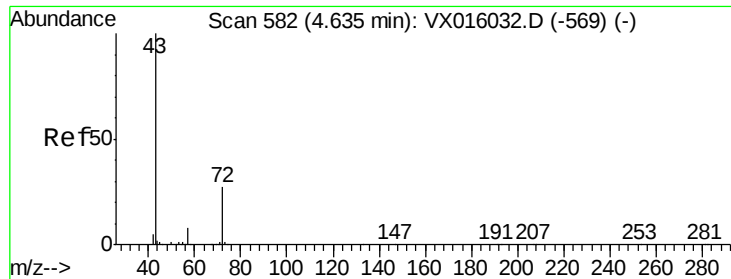
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.6 2.1 6.5

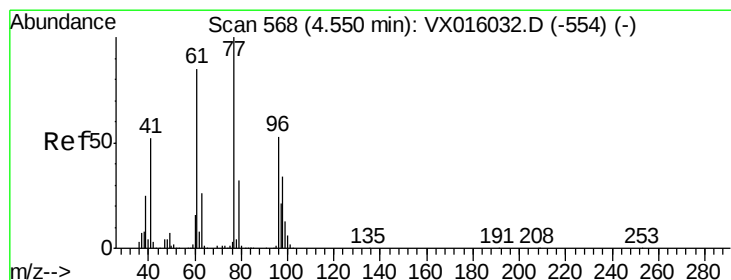
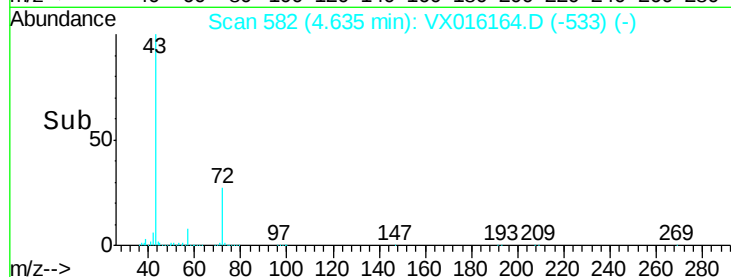
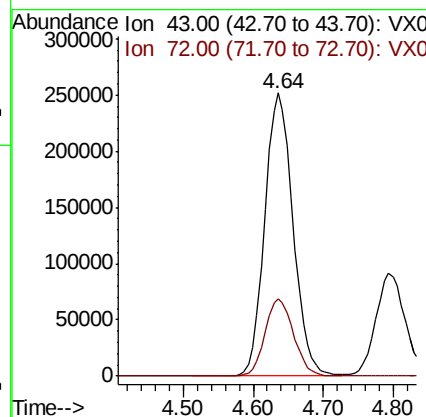
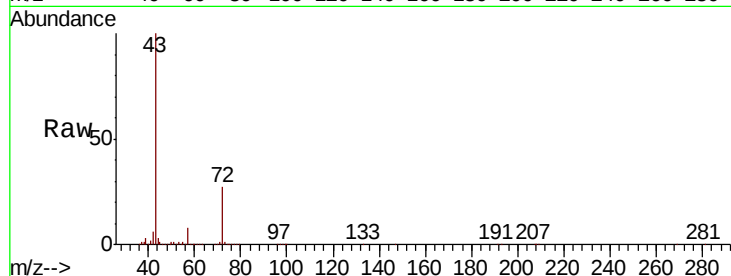




#25
2-Butanone
Concen: 257.068 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

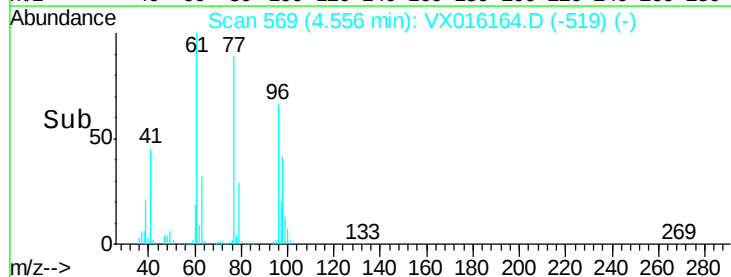
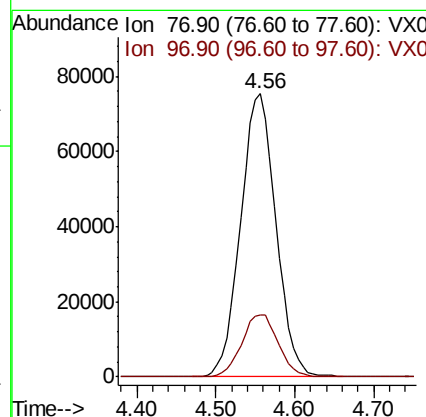
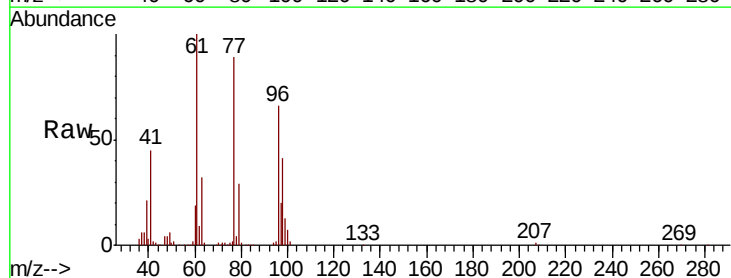
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

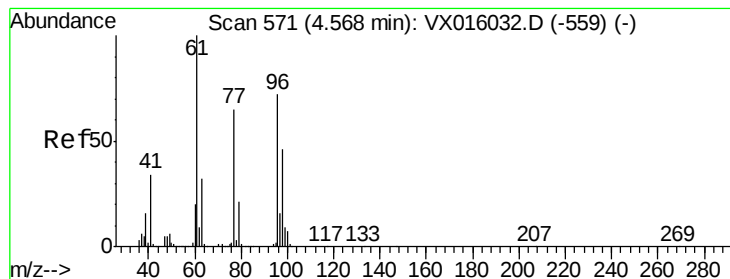
Tot Ion: 43 Resp: 706201
Ion Ratio Lower Upper
43 100
72 27.3 21.8 32.8



#26
2,2-Dichloropropane
Concen: 44.051 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 77 Resp: 234957
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



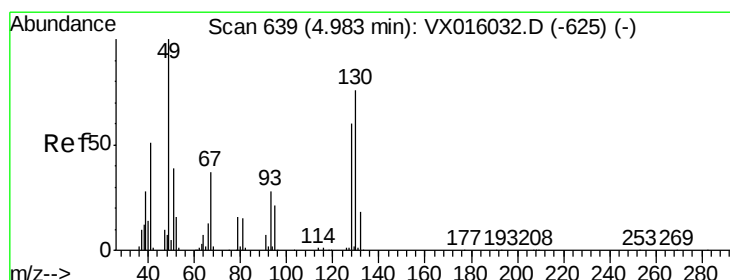
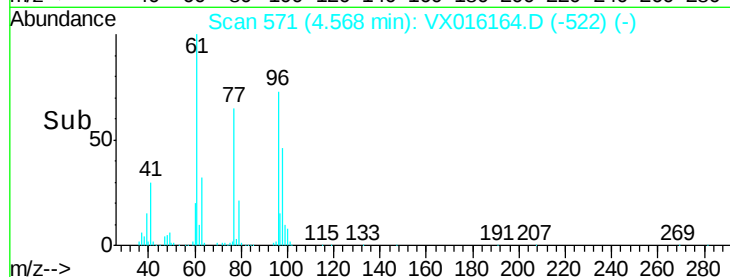
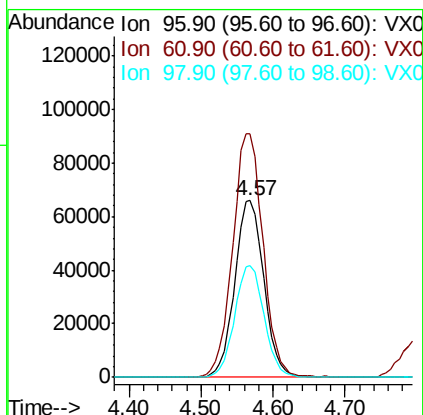
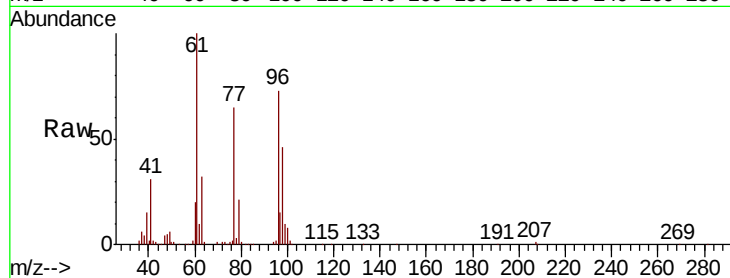


#27

cis-1,2-Dichloroethene
Concen: 50.537 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

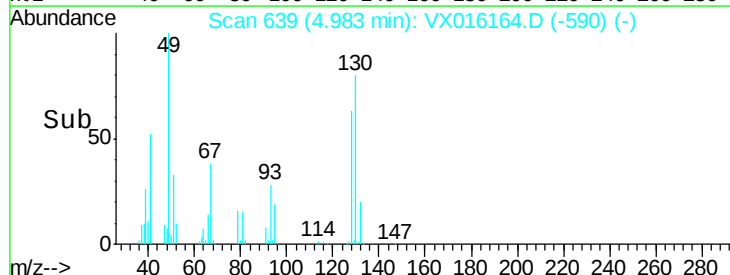
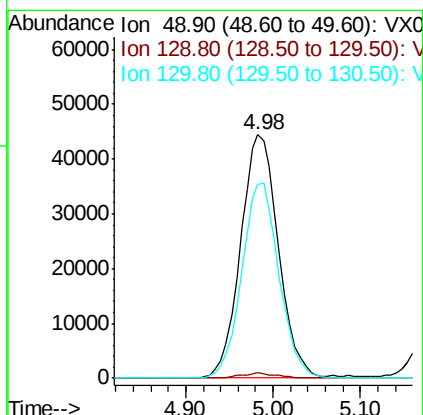
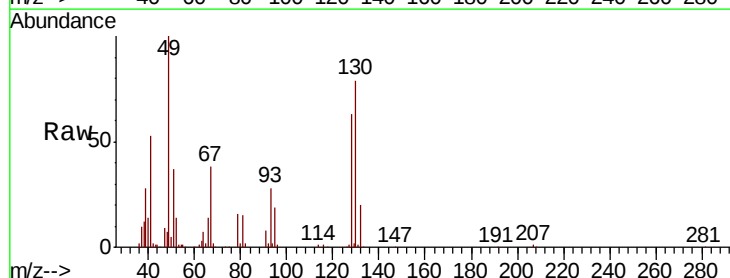
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	296.2
98	63.8	0.0	129.4

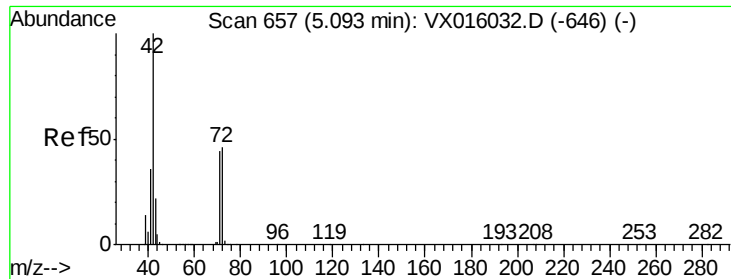


#28

Bromochloromethane
Concen: 50.156 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	78.9	62.4	93.6

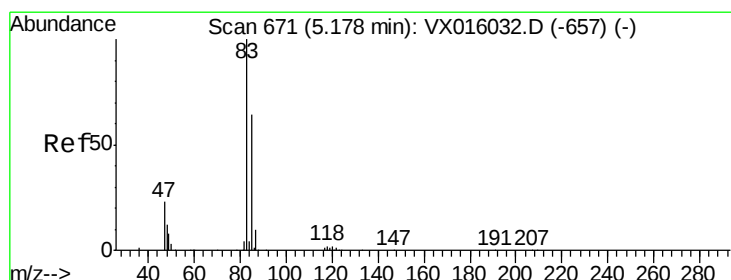
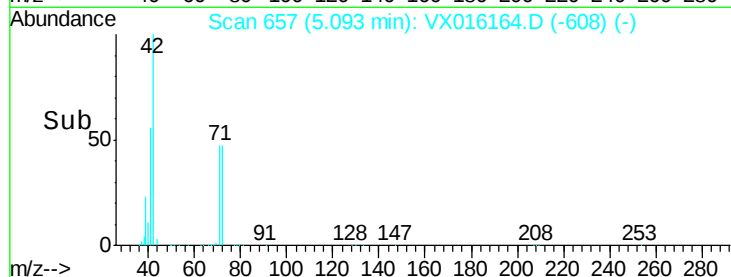
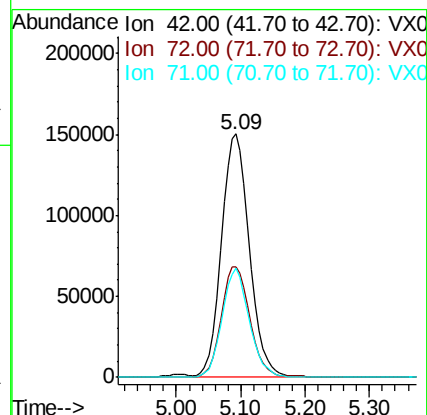
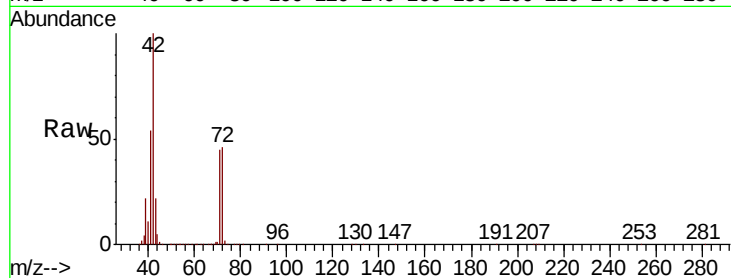




#29
Tetrahydrofuran
Concen: 251.764 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

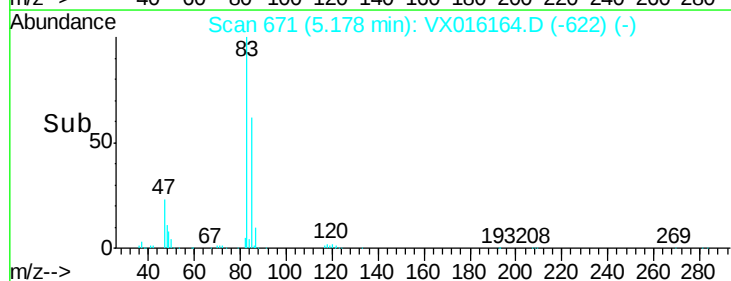
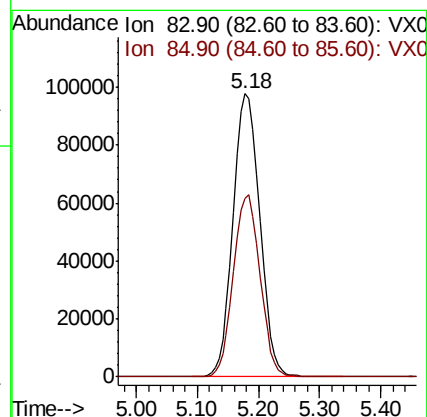
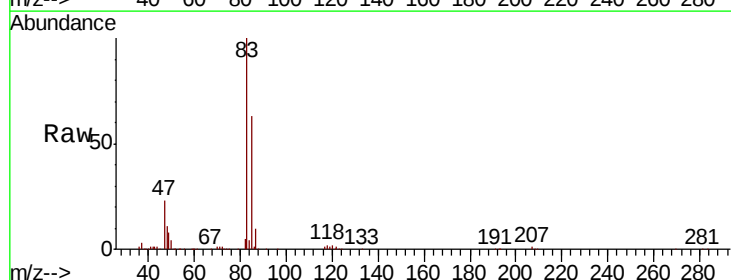
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

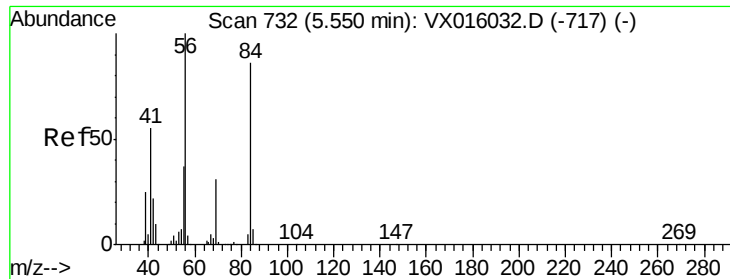
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.1	55.7
71	43.7	34.5	51.7



#30
Chloroform
Concen: 50.780 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.6	77.4

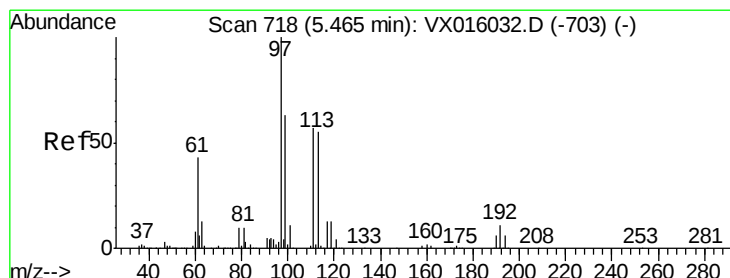
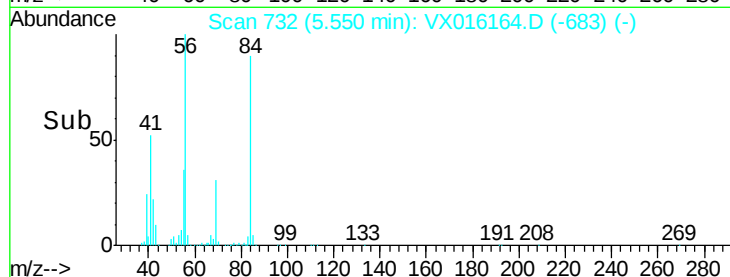
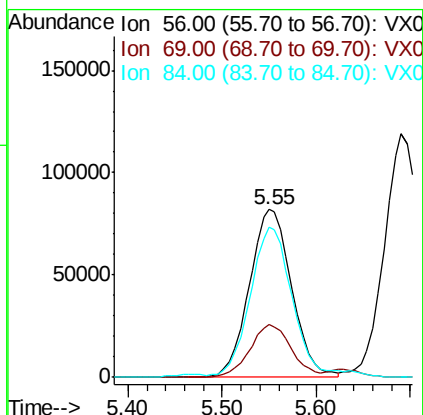
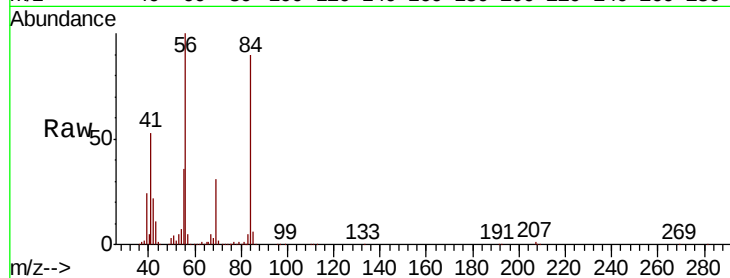




#31
Cyclohexane
Concen: 48.405 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

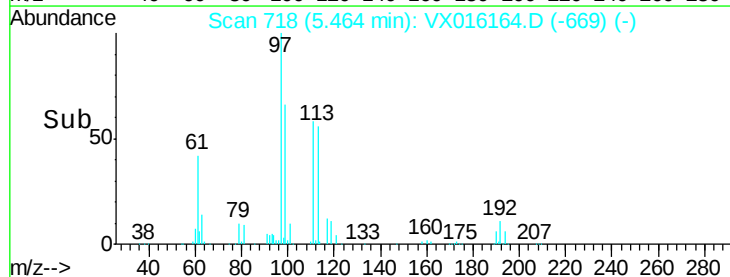
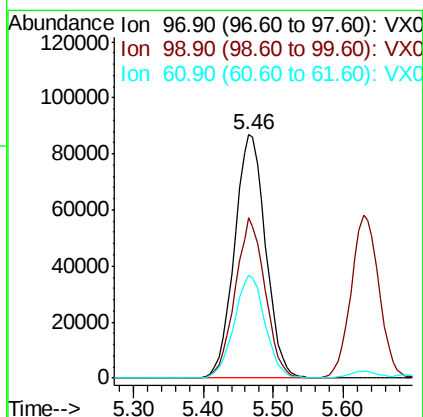
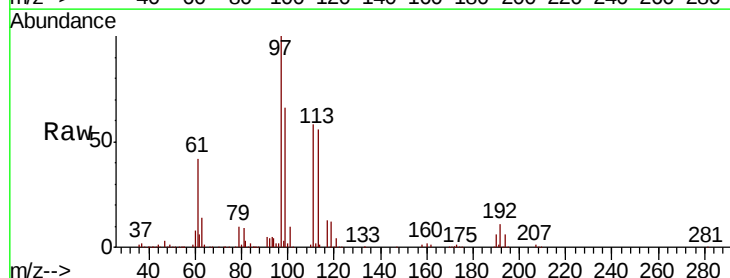
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 256926
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 88.0 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.732 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 97 Resp: 268161
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.4
61 41.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.616 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

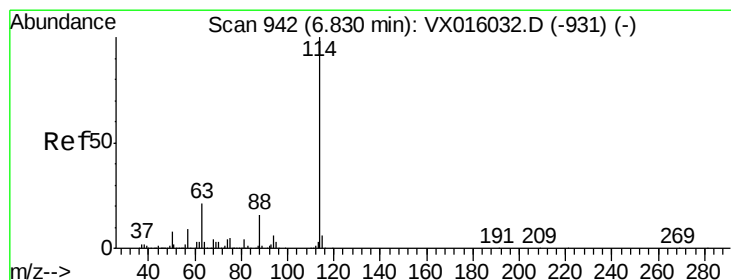
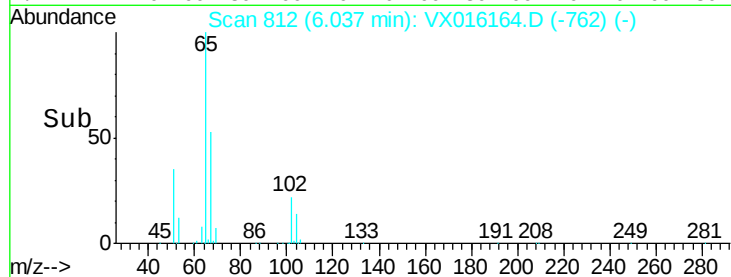
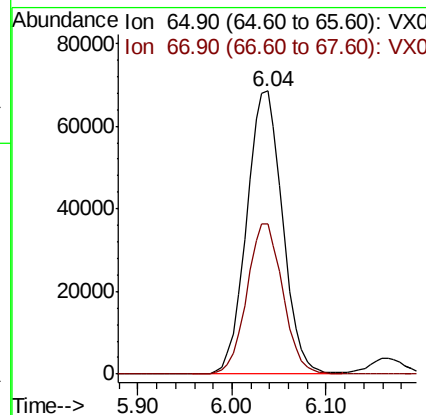
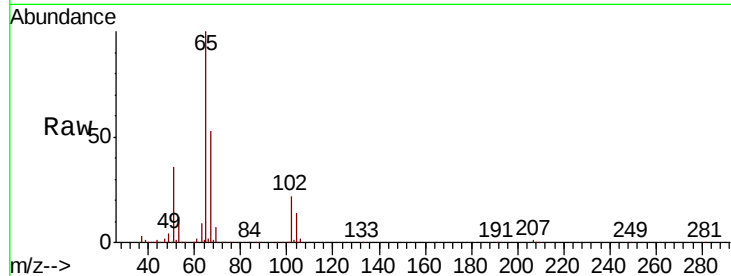
VSTDCCC050EC

Tot Ion: 65 Resp: 181933

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

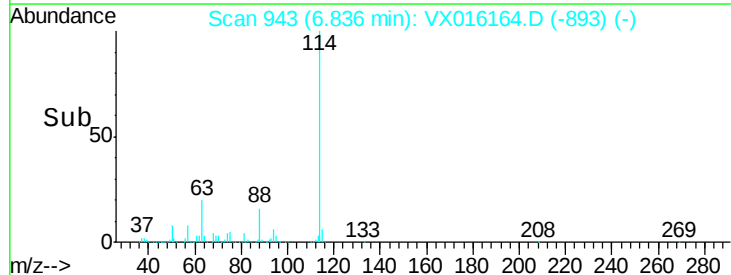
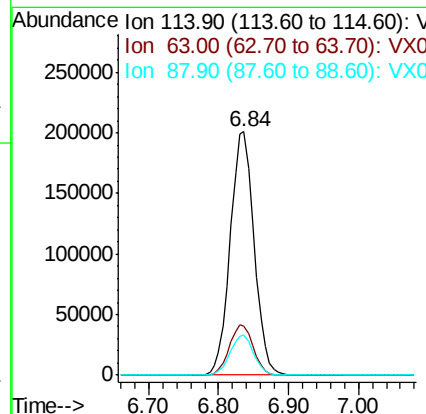
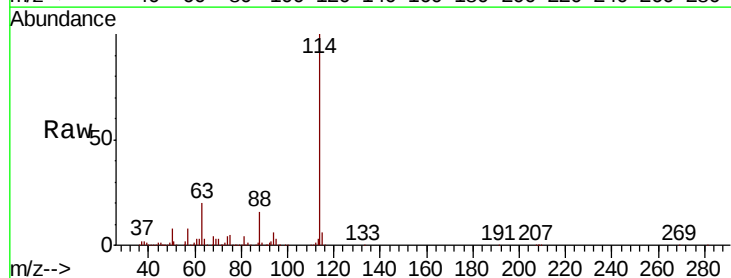
Tgt Ion: 114 Resp: 476471

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 16.2 0.0 31.4

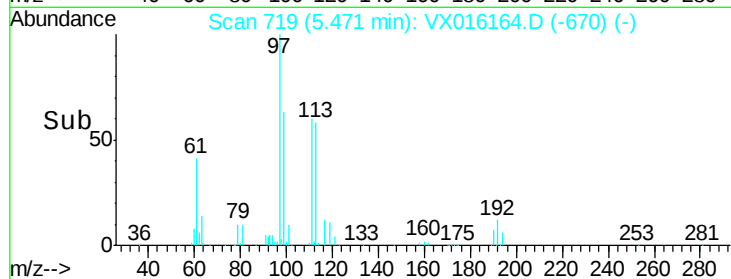
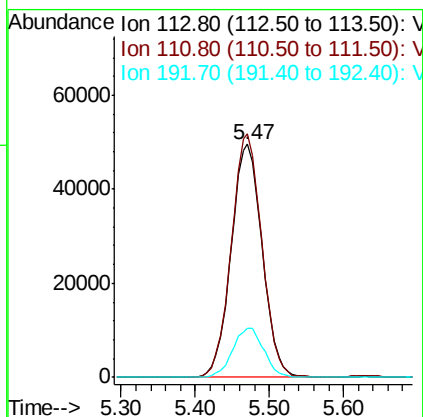
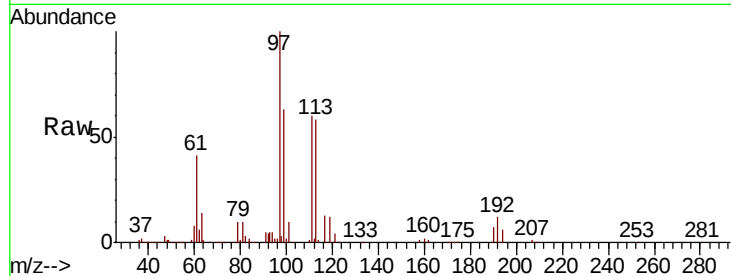




#35
 Dibromofluoromethane
 Concen: 47.953 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

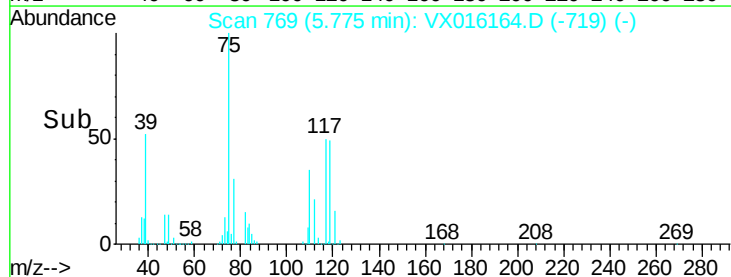
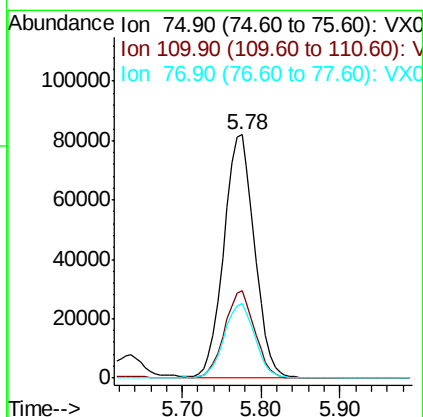
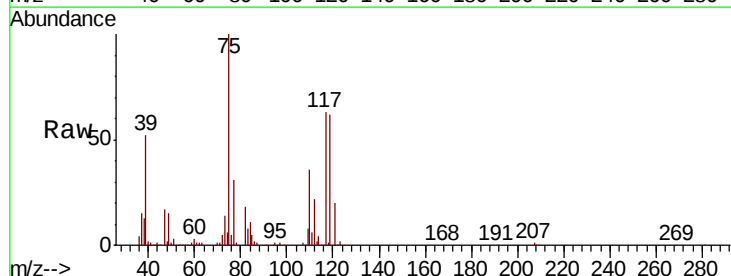
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

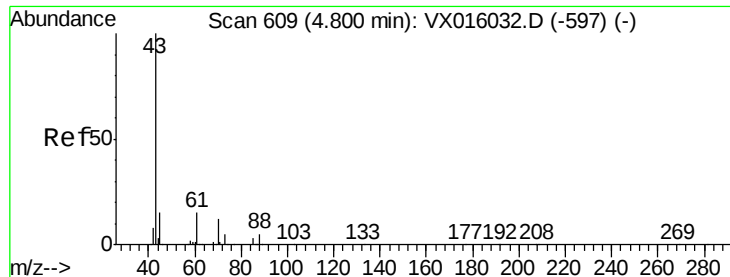
Tot Ion:113 Resp: 144752
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.6 122.4
 192 21.0 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 47.290 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion: 75 Resp: 221801
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.1 54.1
 77 31.3 25.0 37.6

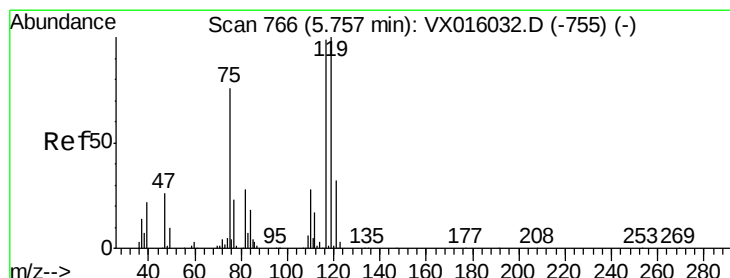
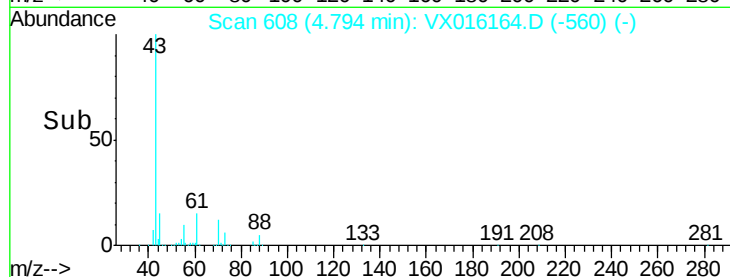
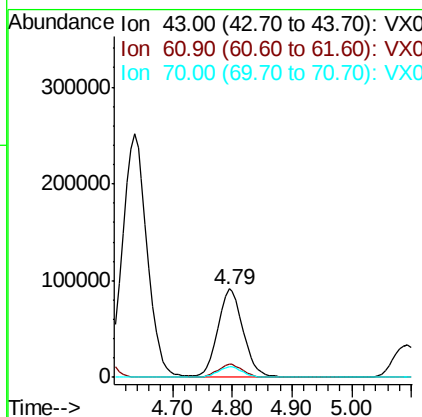
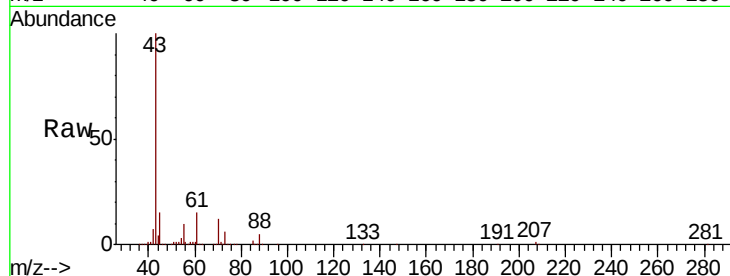




#37
Ethyl Acetate
Concen: 49.464 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

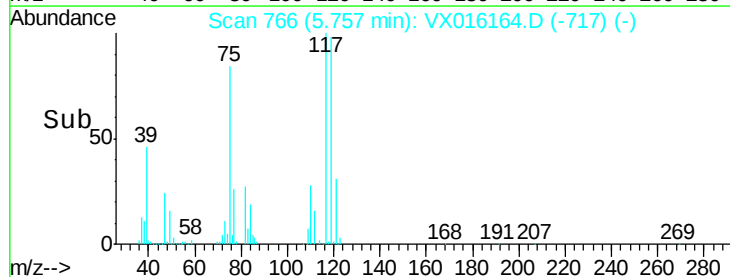
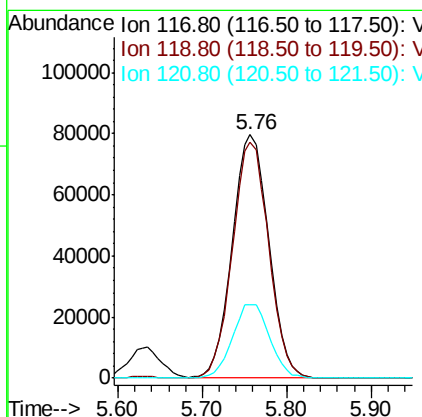
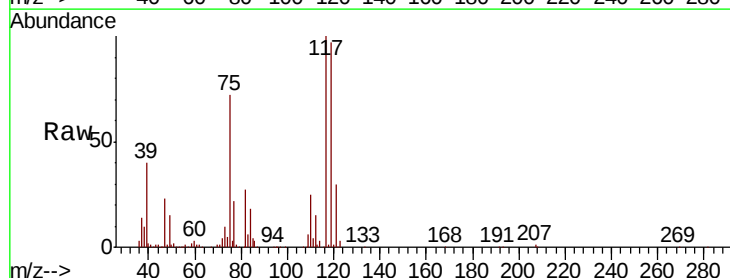
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

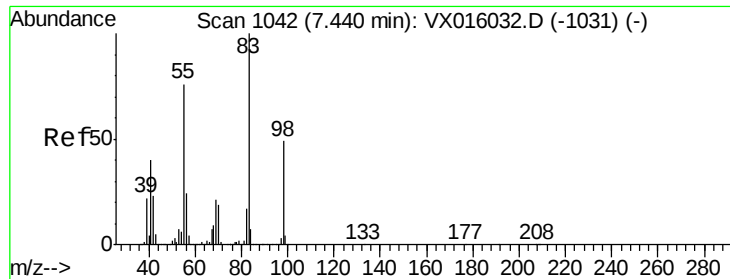
Tot Ion	43	Resp	268887
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.7	17.5
70	11.8	9.3	13.9



#38
Carbon Tetrachloride
Concen: 49.023 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	117	Resp	233705
Ion Ratio	Lower	Upper	
117	100		
119	96.9	80.3	120.5
121	30.4	25.7	38.5

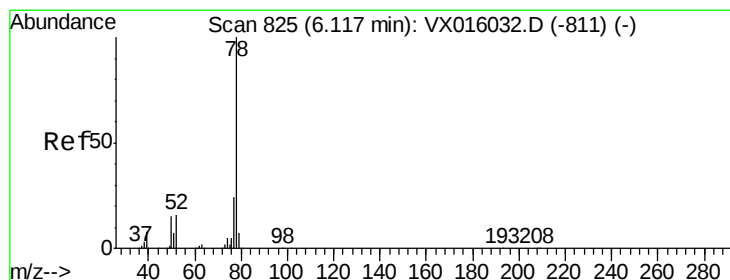
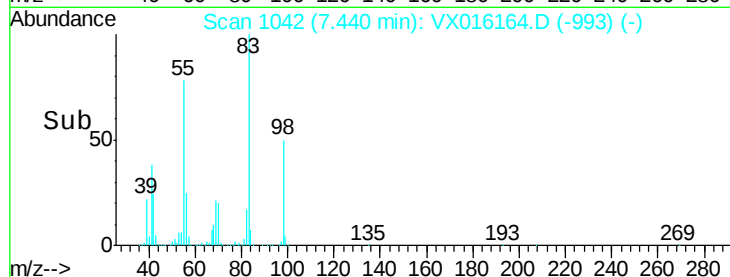
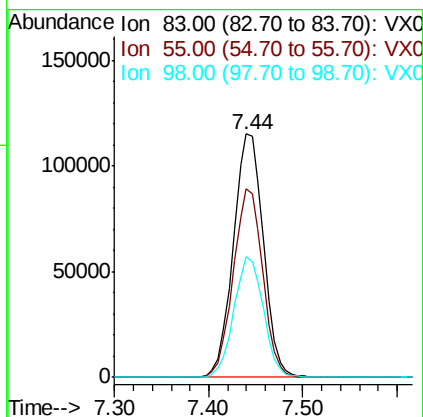
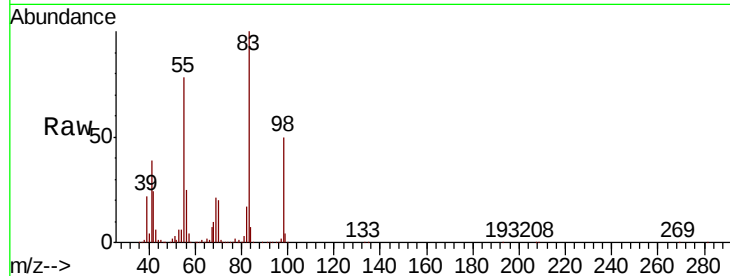




#39
Methvlcvclohexane
Concen: 45.271 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

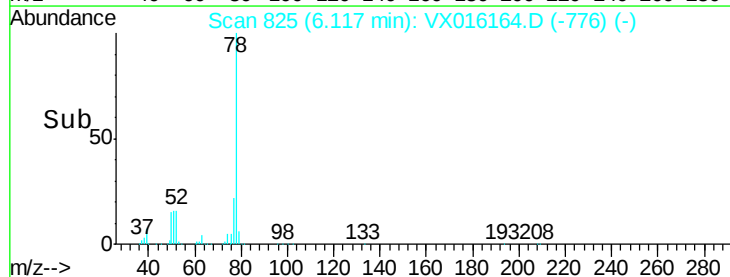
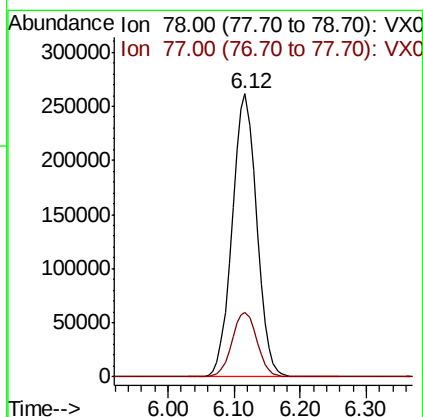
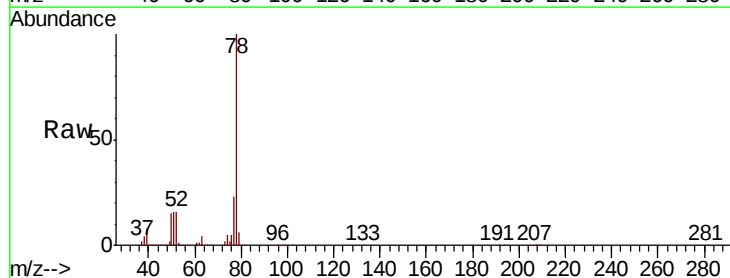
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 255705
Ion Ratio Lower Upper
83 100
55 77.6 61.1 91.7
98 49.5 39.0 58.4



#40
Benzene
Concen: 49.032 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 78 Resp: 672878
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4

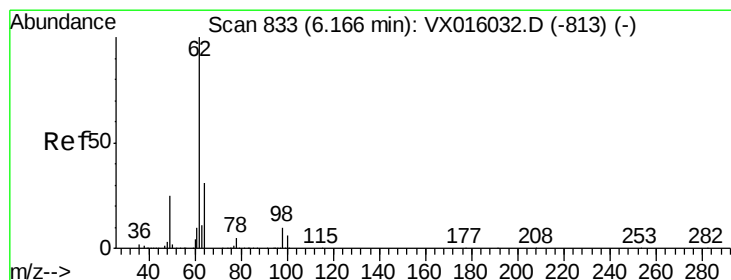
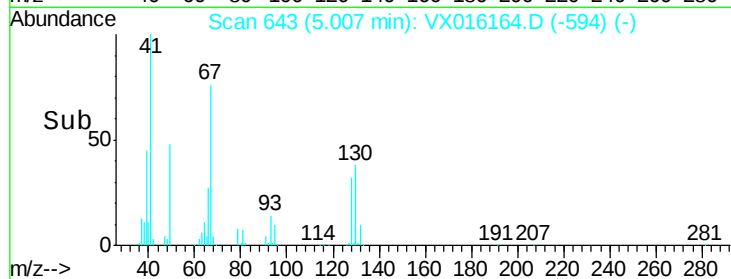
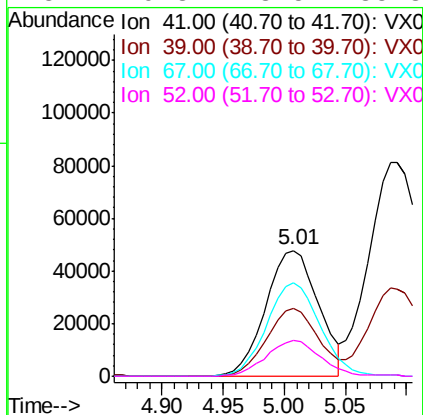
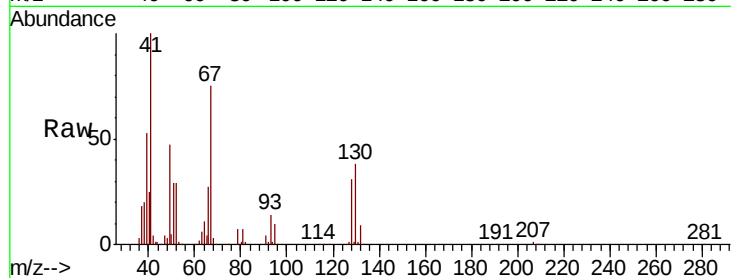




#41
Methacrylonitrile
Concen: 48.679 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

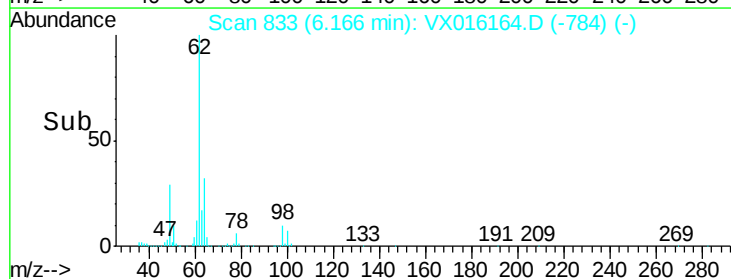
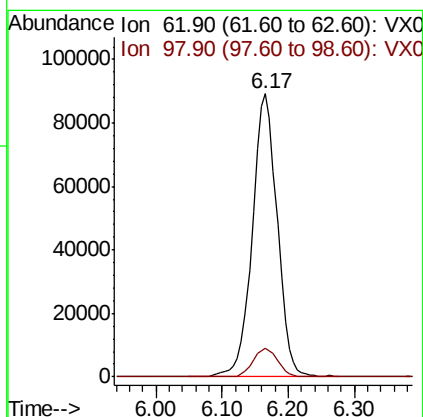
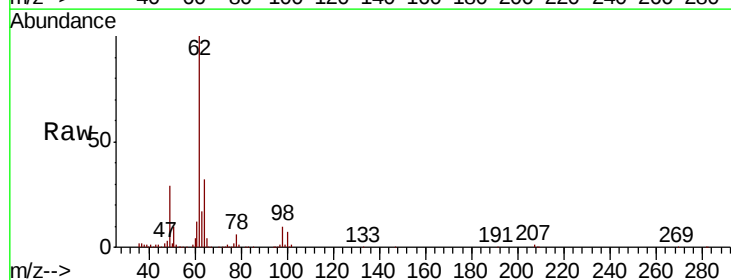
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	142909
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.2	64.8
67	76.3	59.3	88.9
52	29.3	23.5	35.3



#42
1,2-Dichloroethane
Concen: 47.541 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion:	62	Resp:	235020
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 49.464 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

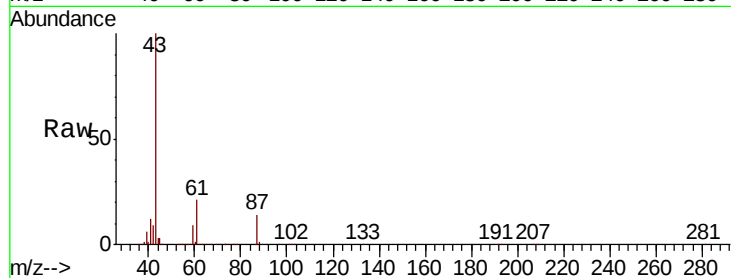
Tot Ion: 43 Resp: 429020

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

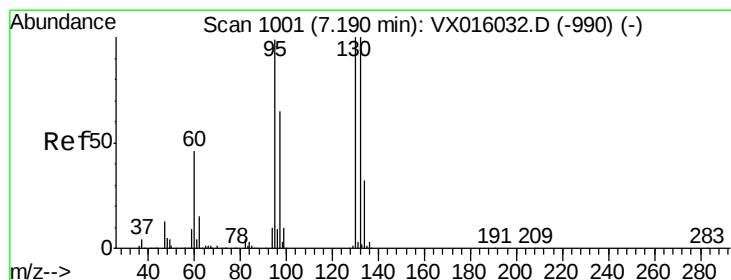
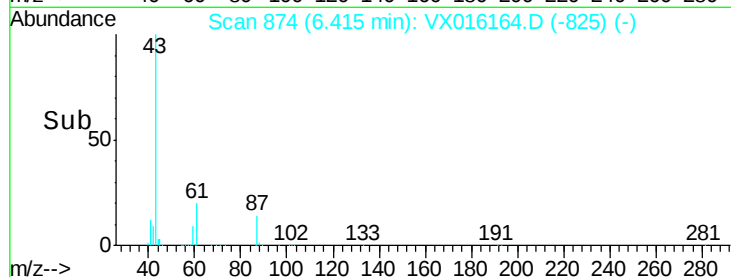
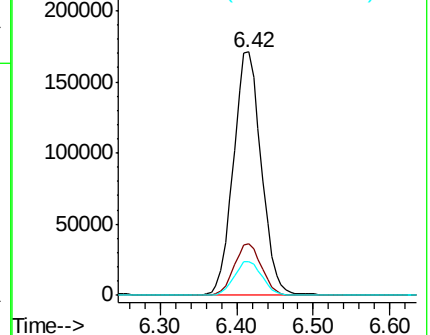
87 14.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 41.875 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016164.D

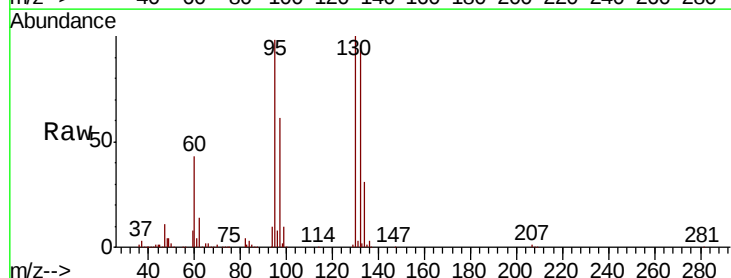
Acq: 11 May 2020 20:59

Tgt Ion:130 Resp: 204157

Ion Ratio Lower Upper

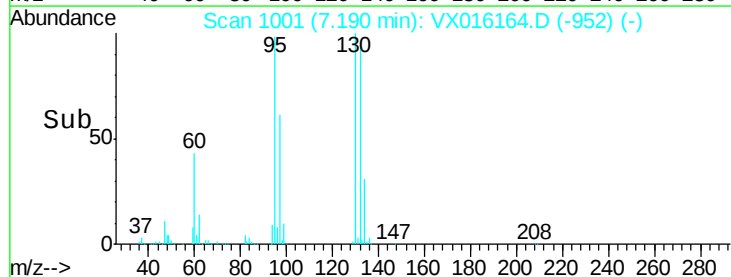
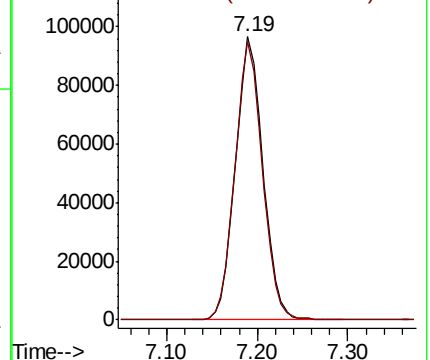
130 100

95 98.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.066 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

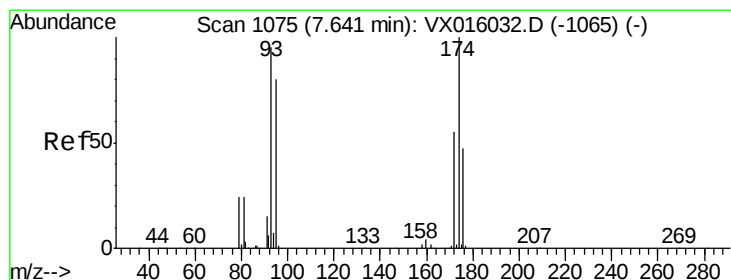
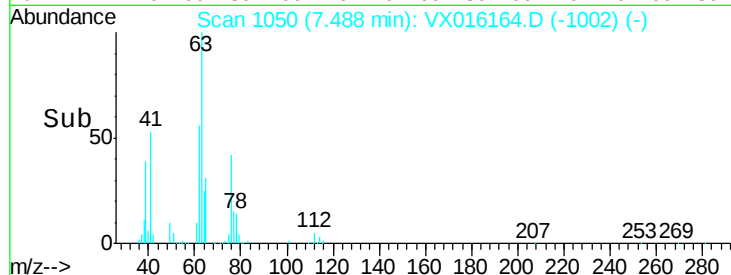
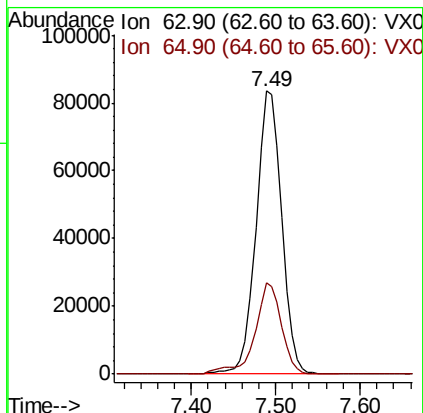
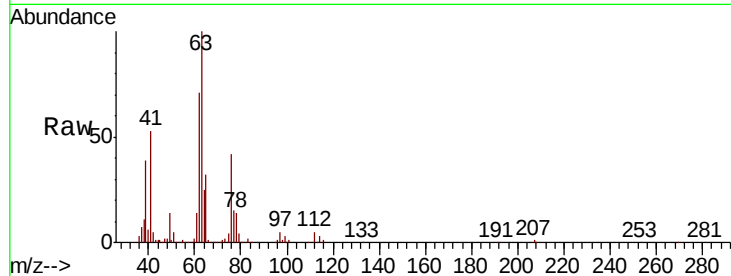
VSTDCCC050EC

Tot Ion: 63 Resp: 173851

Ion Ratio Lower Upper

63 100

65 32.1 24.4 36.6



#46

Dibromomethane

Concen: 48.969 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

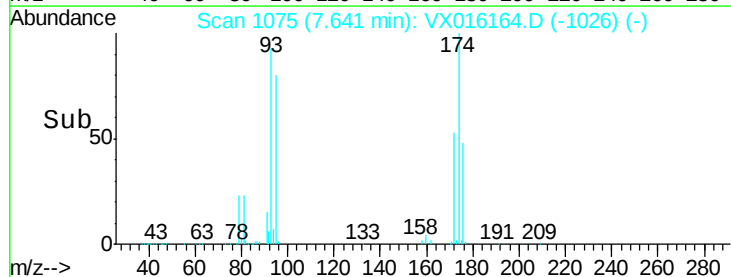
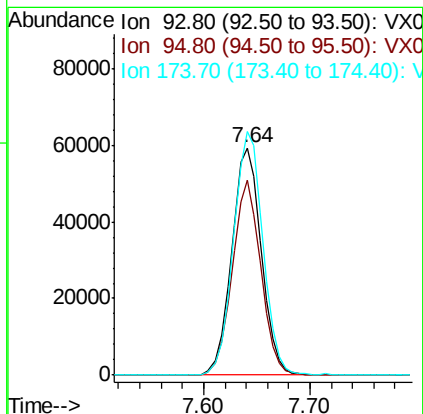
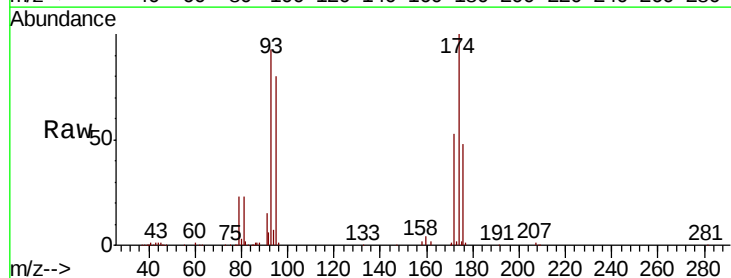
Tgt Ion: 93 Resp: 115556

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 106.6 84.2 126.4





#47

Bromodichloromethane

Concen: 49.839 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

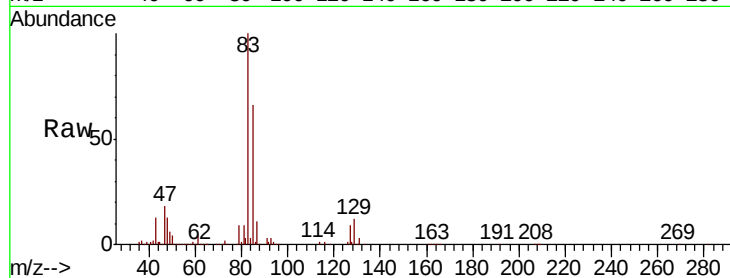
Tot Ion: 83 Resp: 239530

Ion Ratio Lower Upper

83 100

85 66.0 50.5 75.7

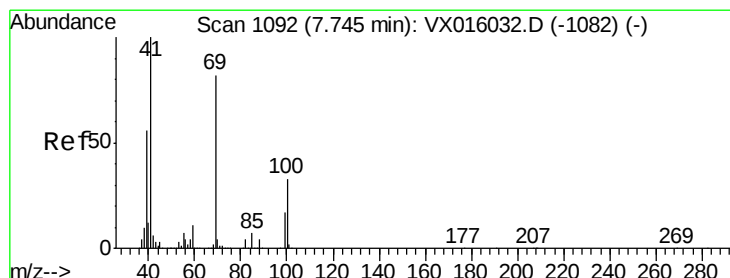
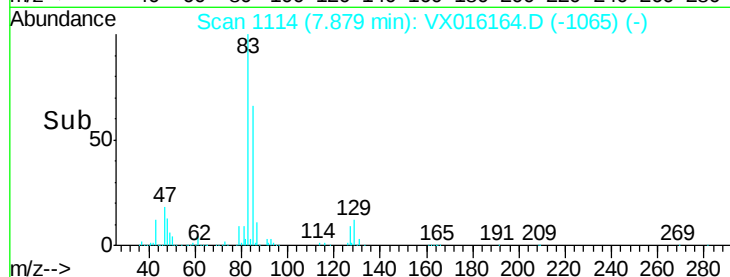
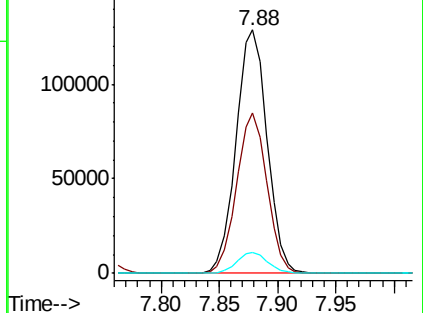
127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.561 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

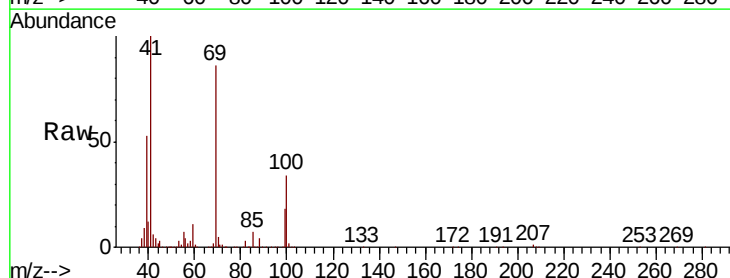
Tgt Ion: 41 Resp: 203691

Ion Ratio Lower Upper

41 100

69 86.5 67.8 101.6

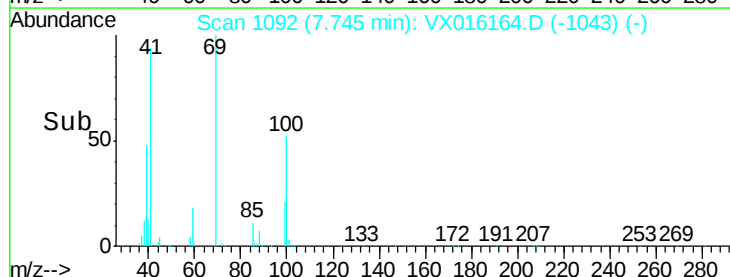
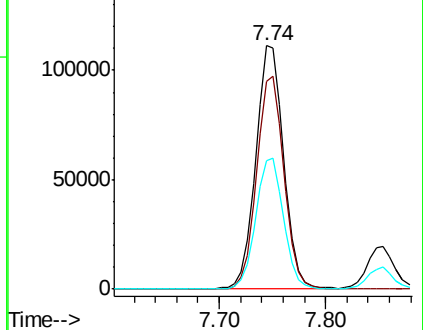
39 53.8 44.6 67.0

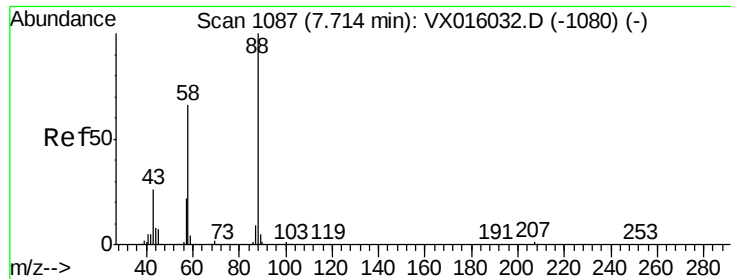


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

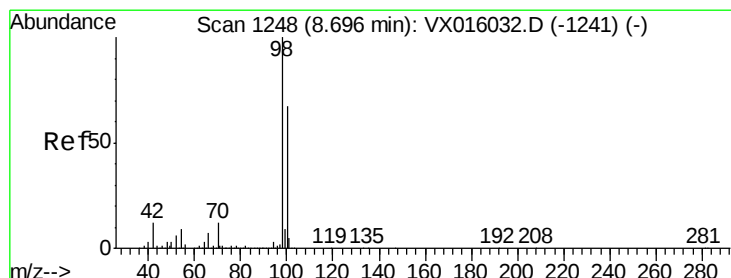
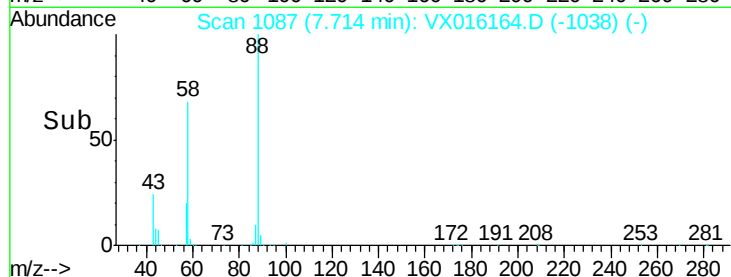
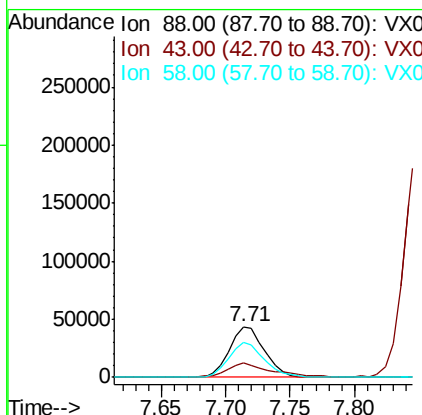
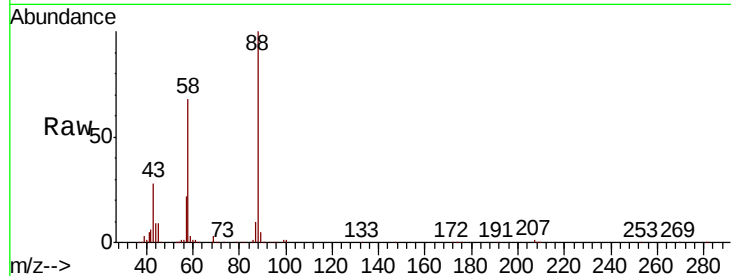




#49
1,4-Dioxane
Concen: 839.588 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

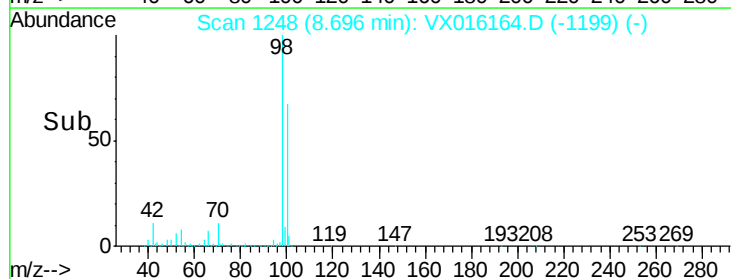
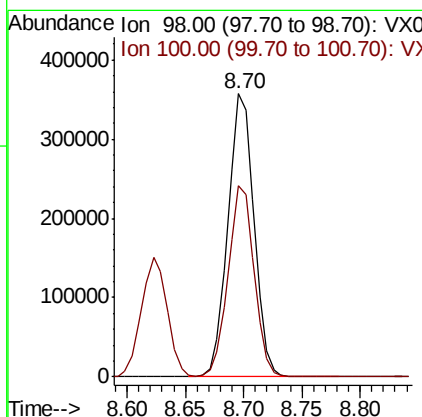
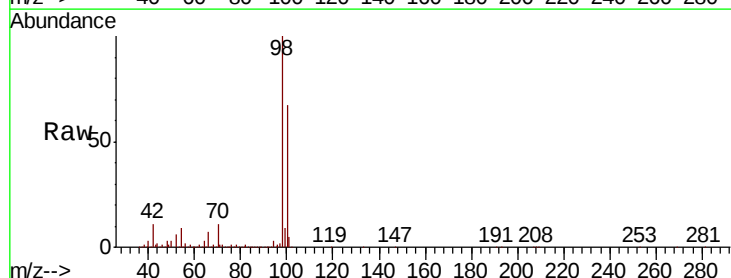
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

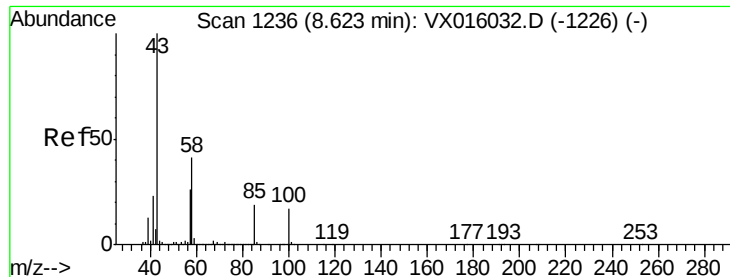
Tot Ion	88	Resp	82757
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	70.1	55.9	83.9



#50
Toluene-d8
Concen: 47.910 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	98	Resp	557242
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 254.429 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

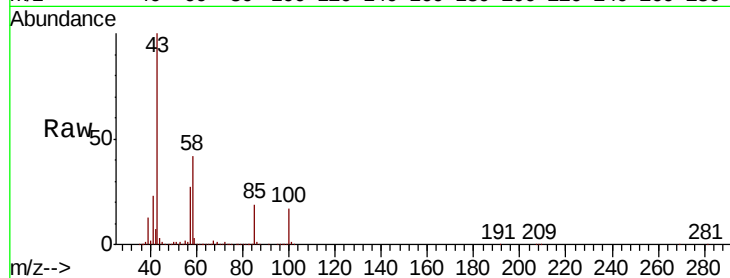
VSTDCCC050EC

Tot Ion: 43 Resp: 1350416

Ion Ratio Lower Upper

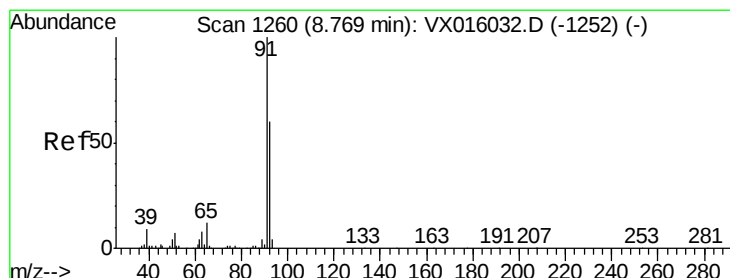
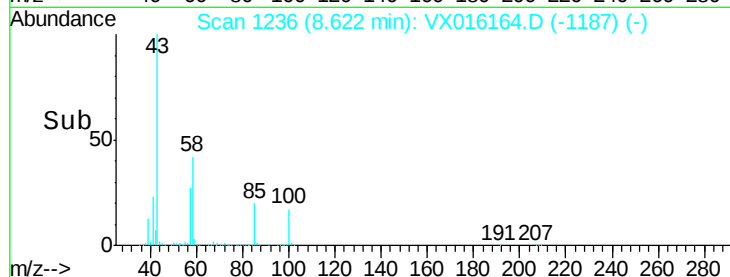
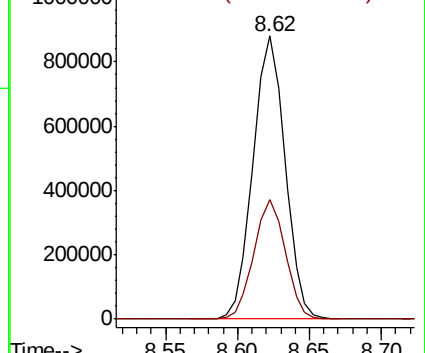
43 100

58 41.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.466 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016164.D

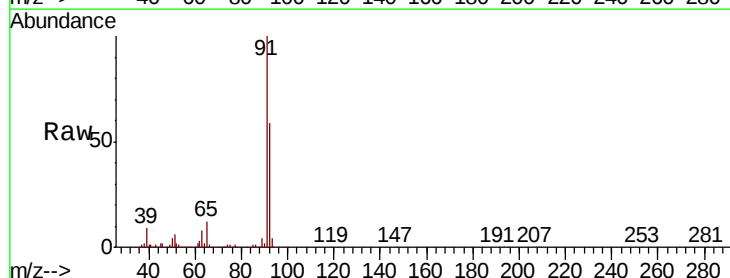
Acq: 11 May 2020 20:59

Tgt Ion: 92 Resp: 423127

Ion Ratio Lower Upper

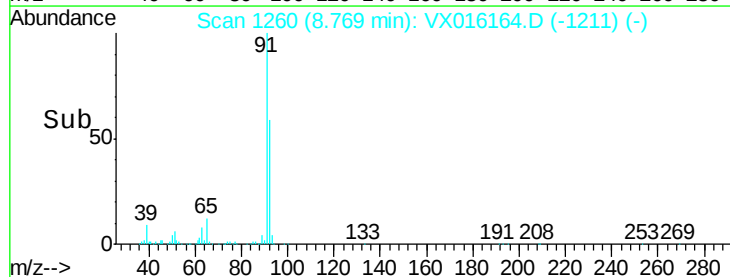
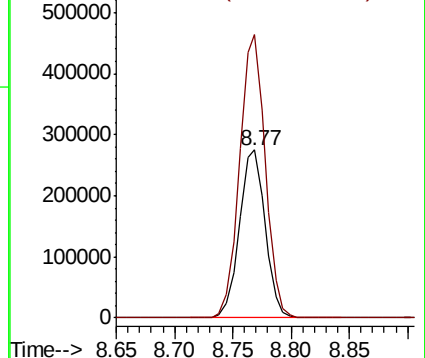
92 100

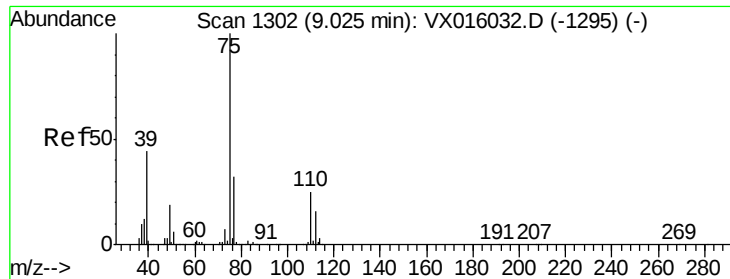
91 168.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.413 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

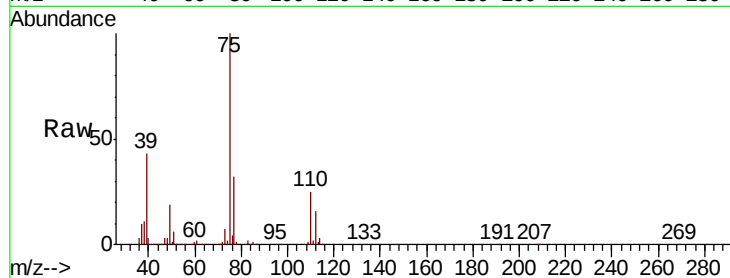
VSTDCCC050EC

Tot Ion: 75 Resp: 277420

Ion Ratio Lower Upper

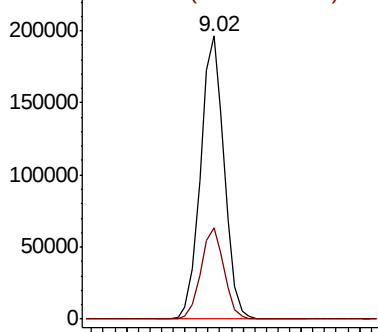
75 100

77 32.3 25.7 38.5

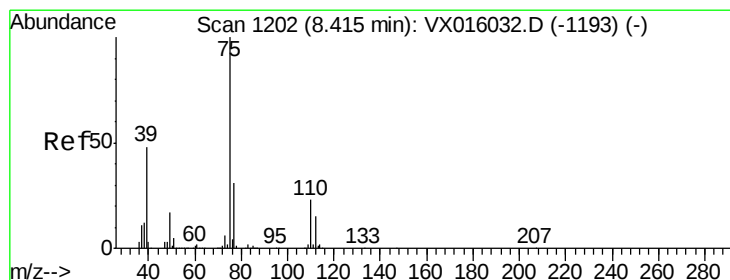
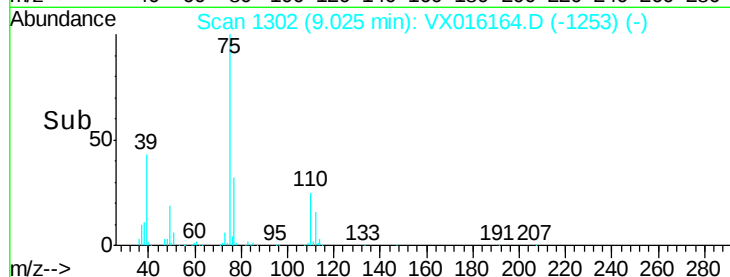


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 48.802 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

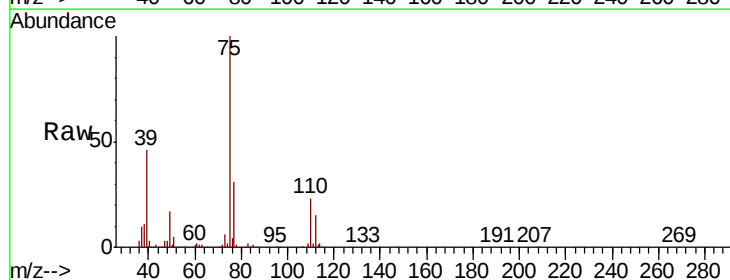
Tgt Ion: 75 Resp: 292098

Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

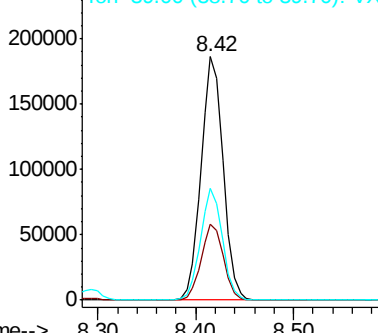
39 45.6 38.7 58.1



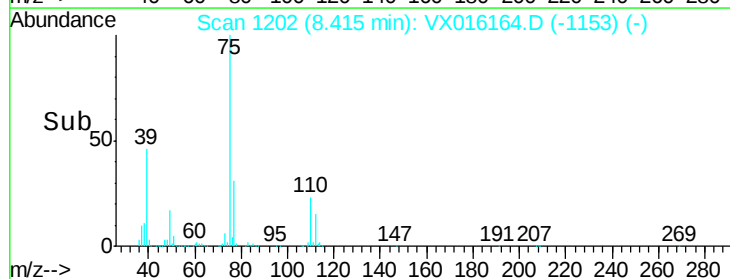
Abundance Ion 74.90 (74.60 to 75.60): VX0

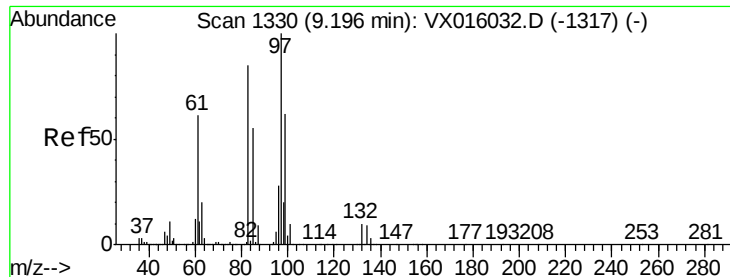
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time--> 8.30 8.40 8.50

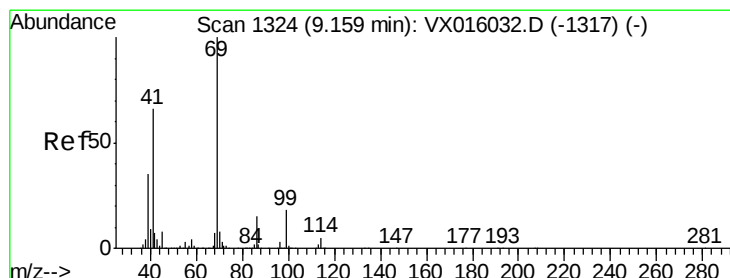
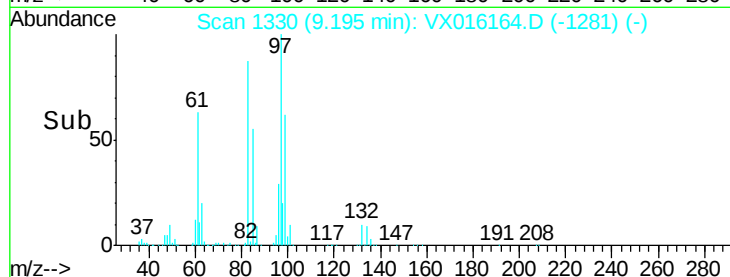
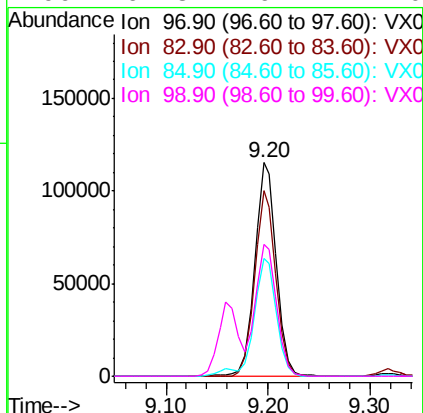
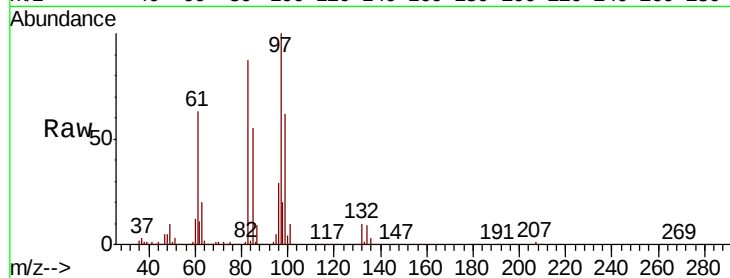




#55
 1,1,2-Trichloroethane
 Concen: 50.702 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

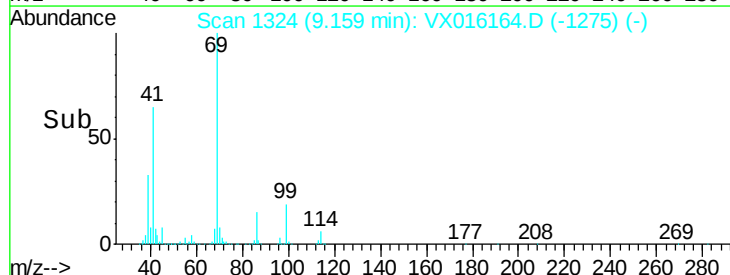
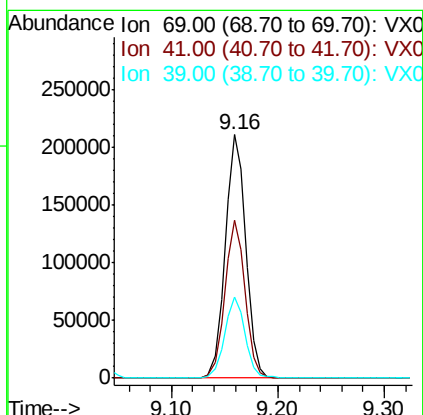
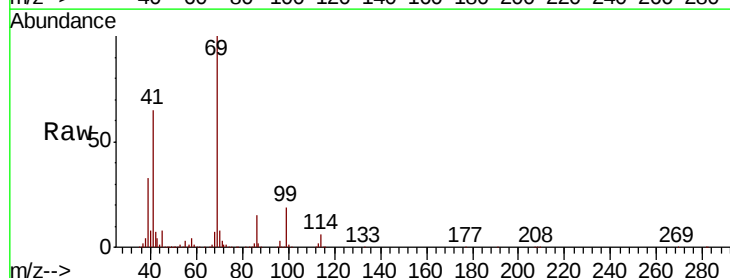
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

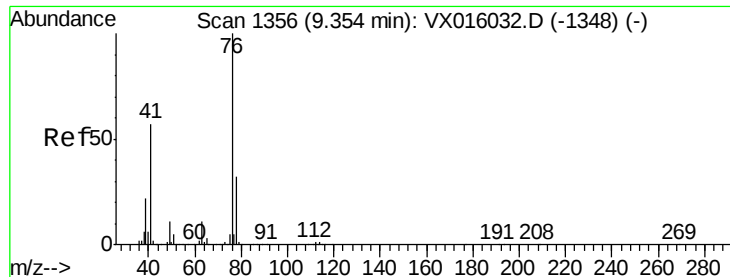
Tot Ion:	97	Resp:	170634
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.8	101.8
85	55.3	43.8	65.8
99	61.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 51.759 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion:	69	Resp:	284336
Ion	Ratio	Lower	Upper
69	100		
41	63.5	52.2	78.4
39	33.2	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.050 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

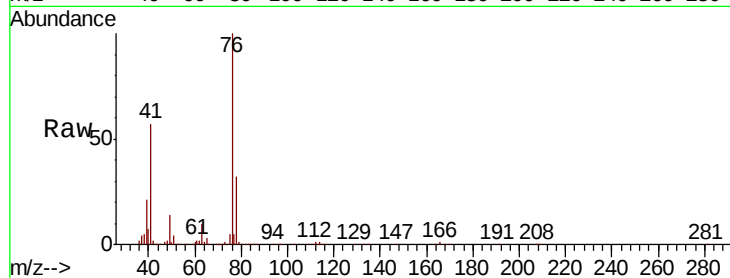
VSTDCCC050EC

Tot Ion: 76 Resp: 293910

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

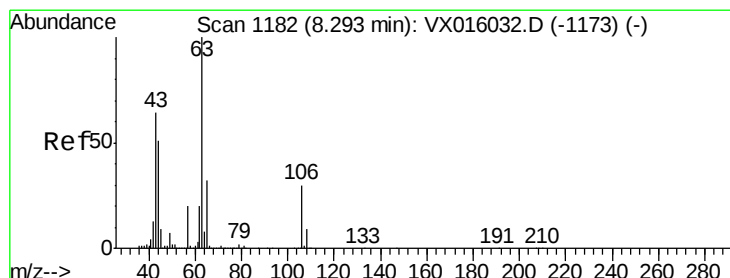
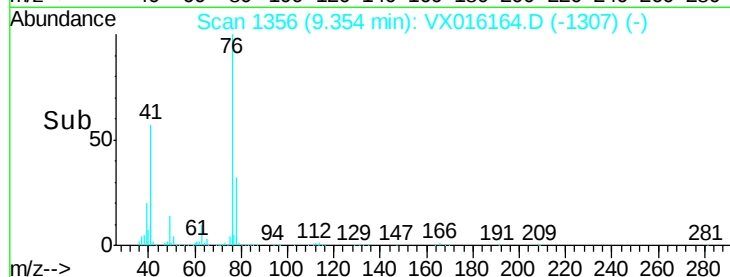
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.878 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016164.D

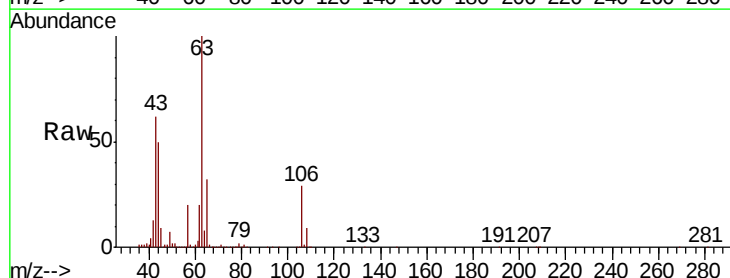
Acq: 11 May 2020 20:59

Tgt Ion: 63 Resp: 704465

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

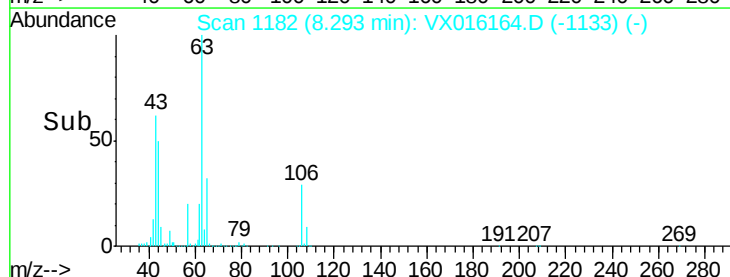
200000

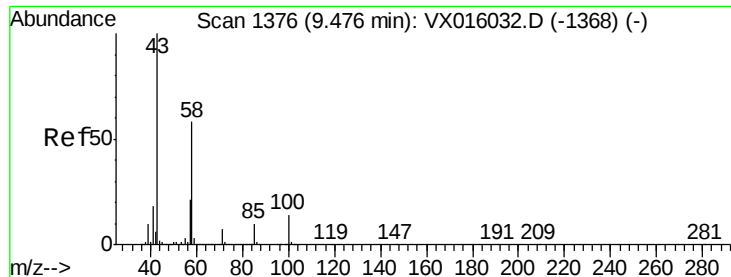
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

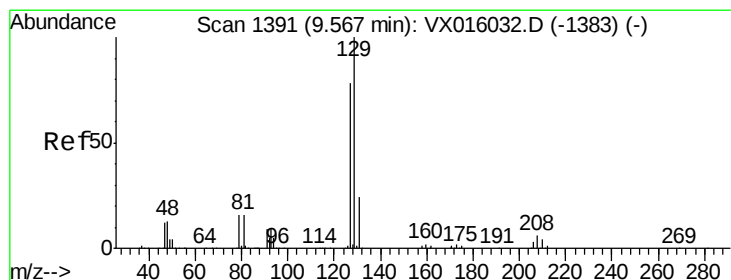
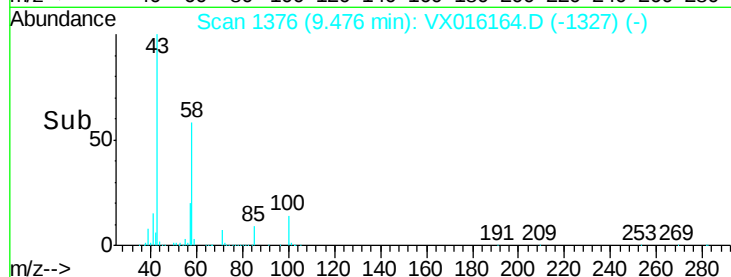
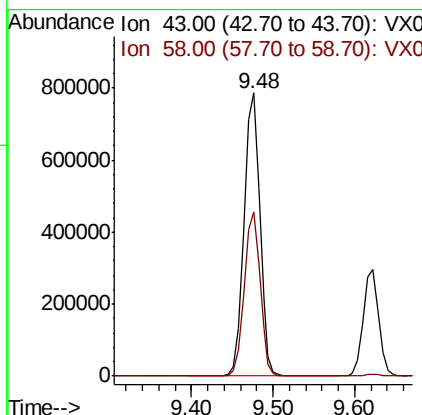
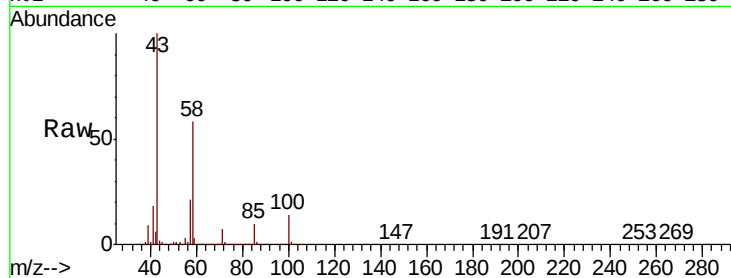




#59
2-Hexanone
Concen: 252.416 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

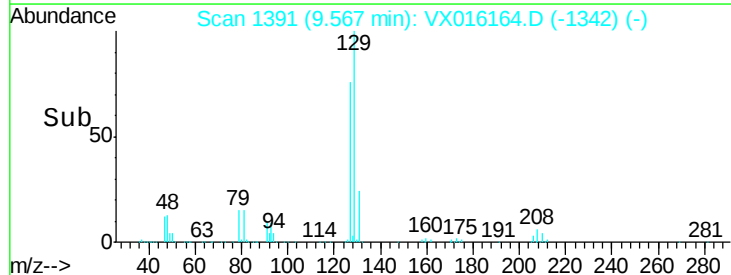
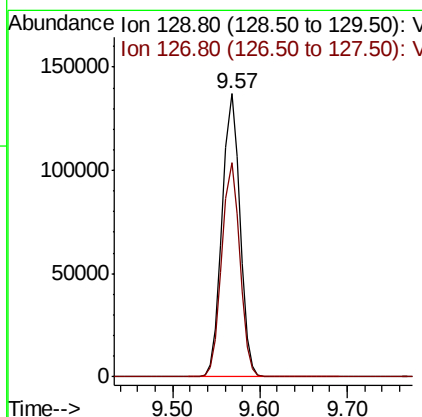
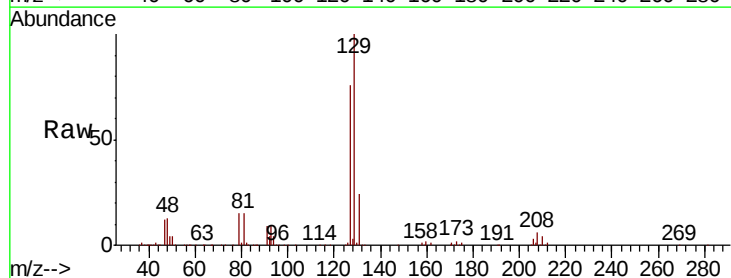
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

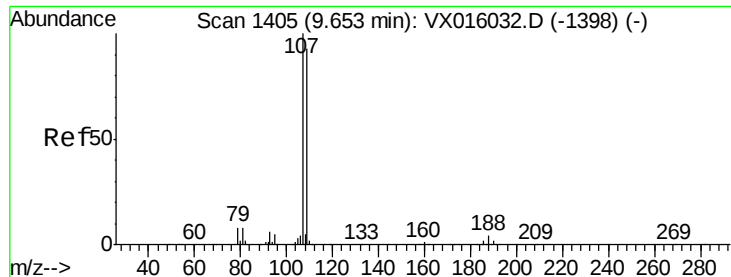
Tot Ion: 43 Resp: 1052123
Ion Ratio Lower Upper
43 100
58 58.1 28.6 85.9



#60
Dibromochloromethane
Concen: 52.358 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 129 Resp: 194066
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.272 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

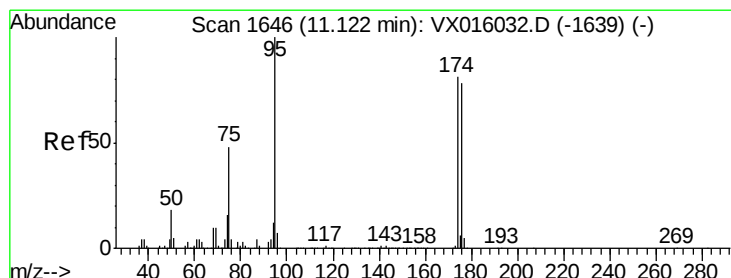
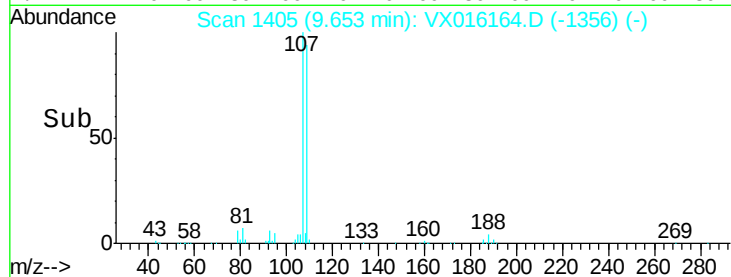
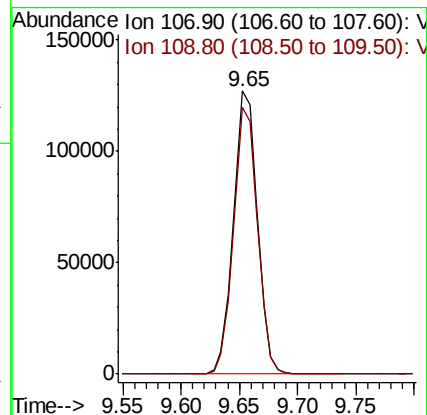
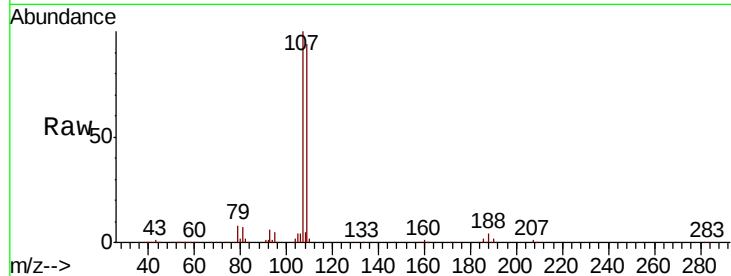
VSTDCCC050EC

Tot Ion: 107 Resp: 183259

Ion Ratio Lower Upper

107 100

109 94.3 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 49.004 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

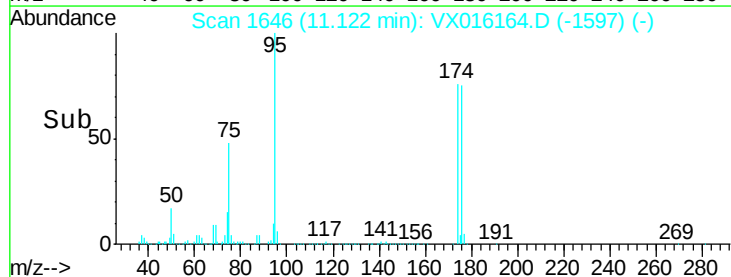
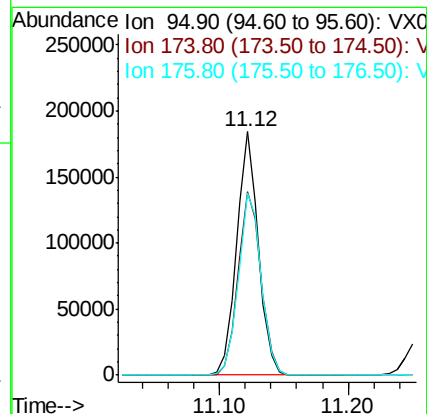
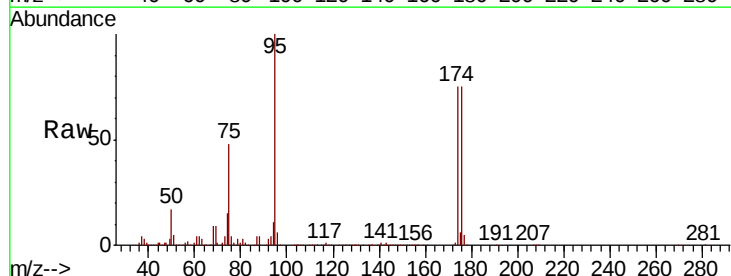
Tgt Ion: 95 Resp: 216791

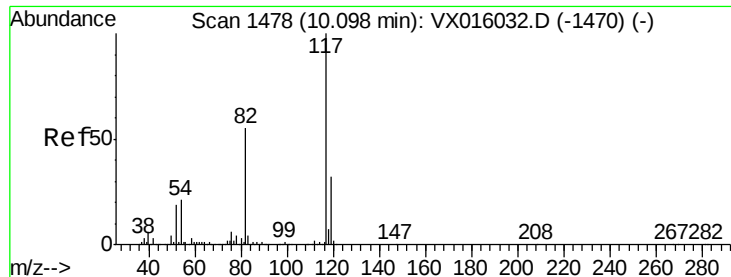
Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.4

176 78.0 0.0 157.6

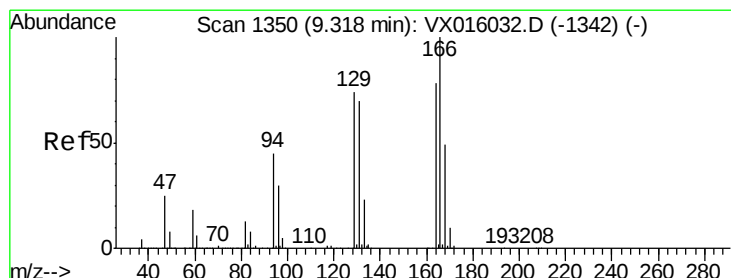
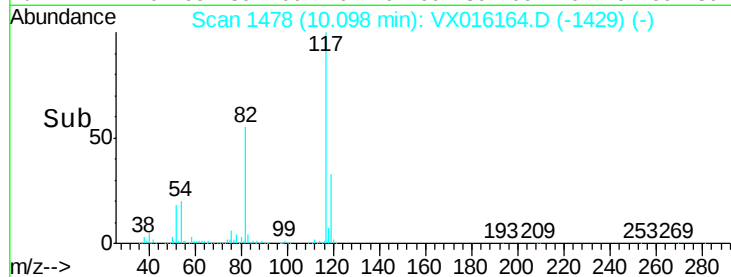
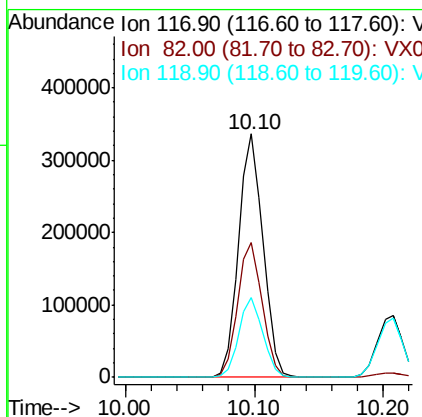
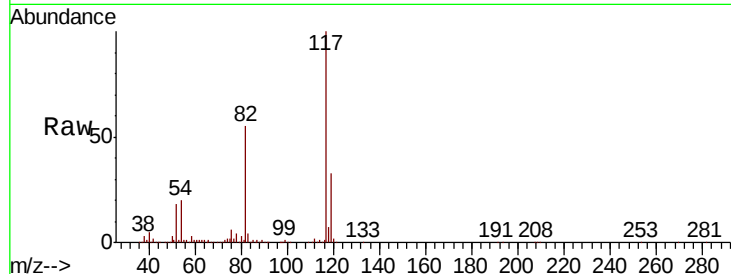




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

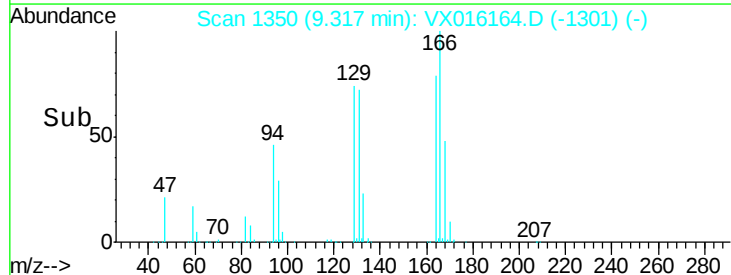
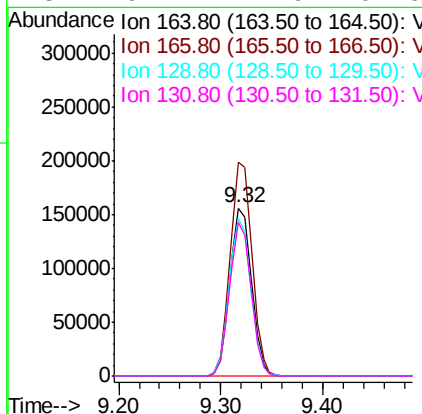
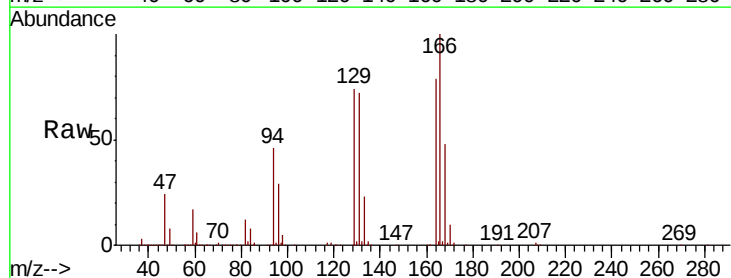
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

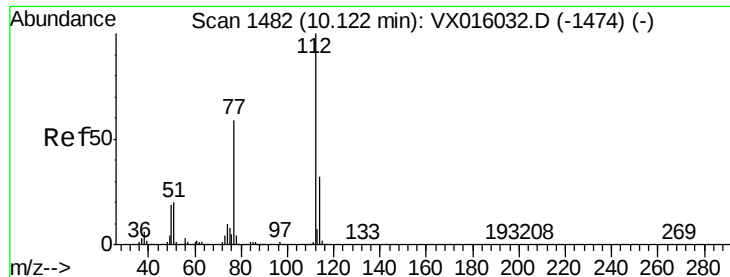
Tot Ion:117 Resp: 442751
Ion Ratio Lower Upper
117 100
82 55.3 44.4 66.6
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 42.147 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion:164 Resp: 229083
Ion Ratio Lower Upper
164 100
166 127.0 102.9 154.3
129 93.6 76.1 114.1
131 91.7 71.9 107.9

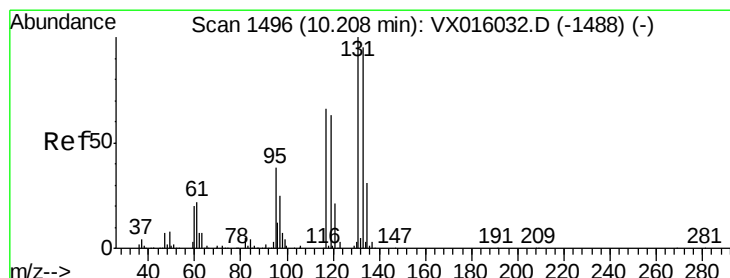
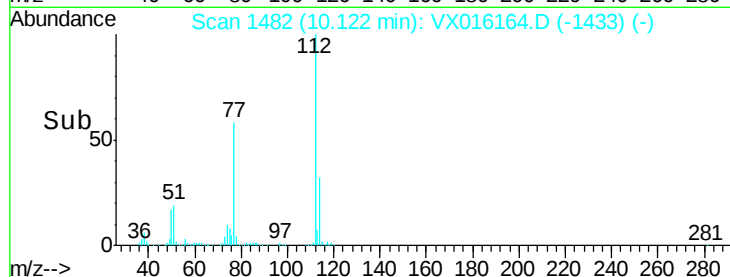
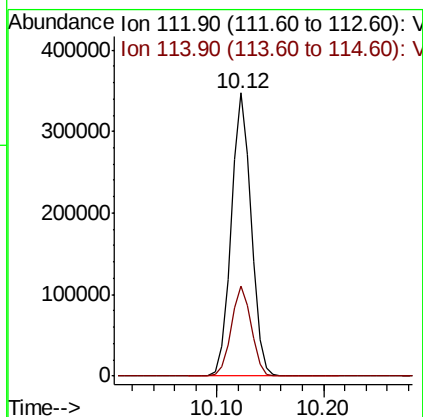
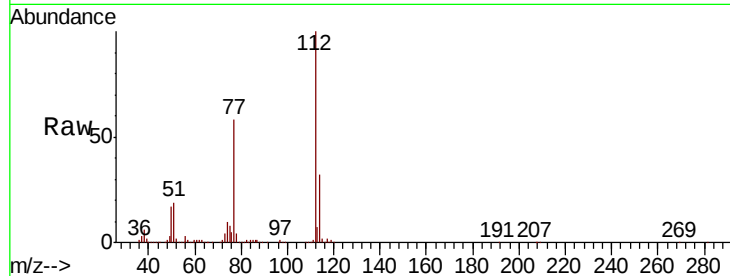




#65
Chlorobenzene
Concen: 49.236 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

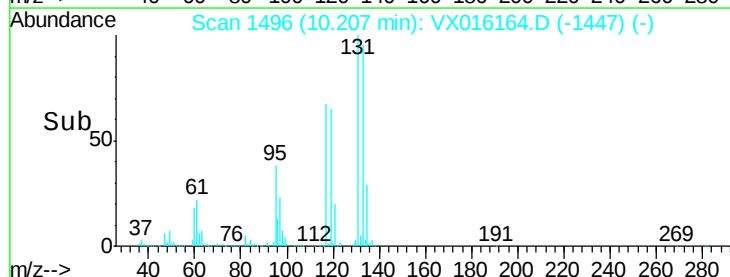
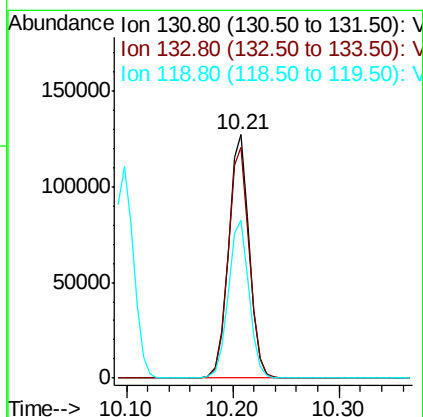
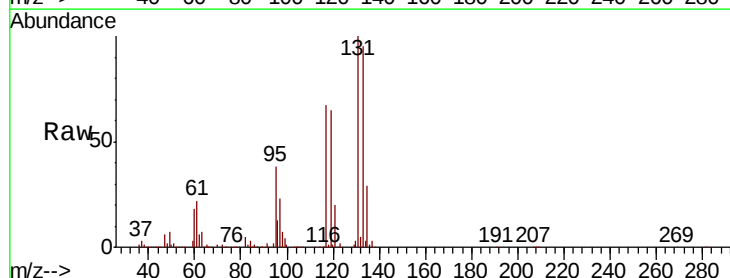
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

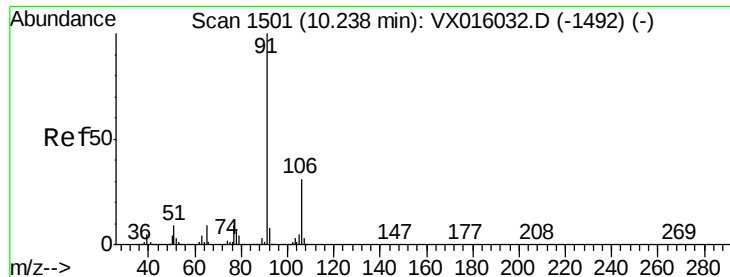
Tot Ion:112 Resp: 456454
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.161 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion:131 Resp: 171879
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.8
119 65.0 32.3 96.9

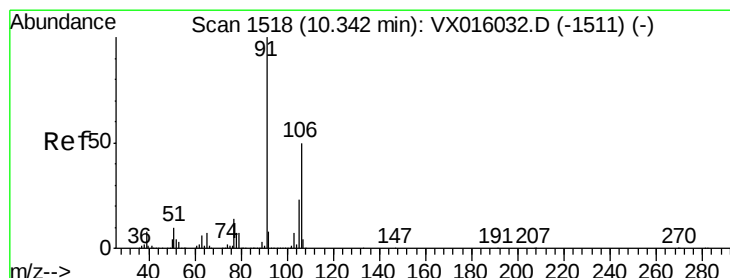
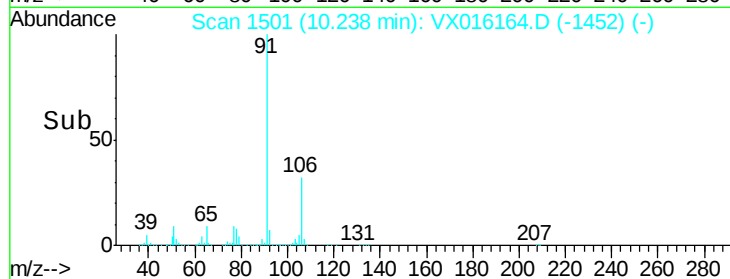
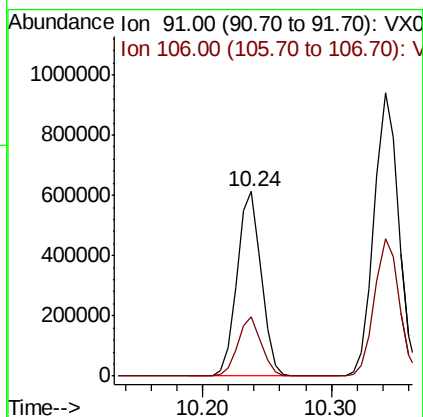
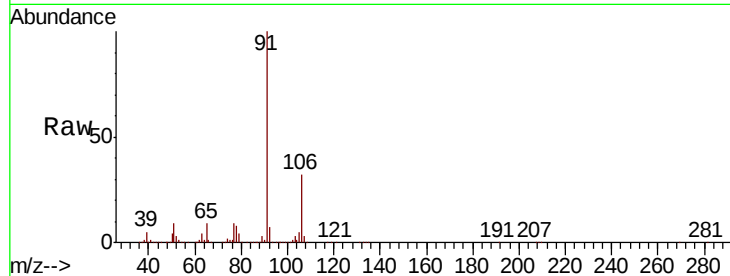




#67
Ethyl Benzene
Concen: 48.226 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

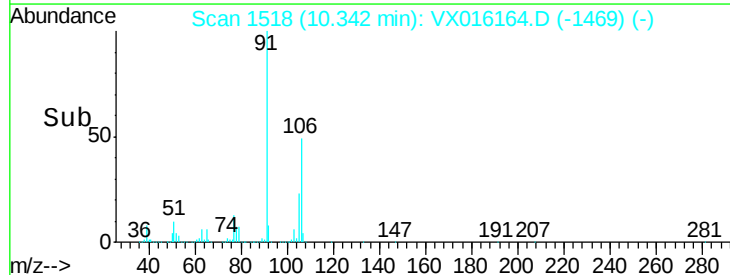
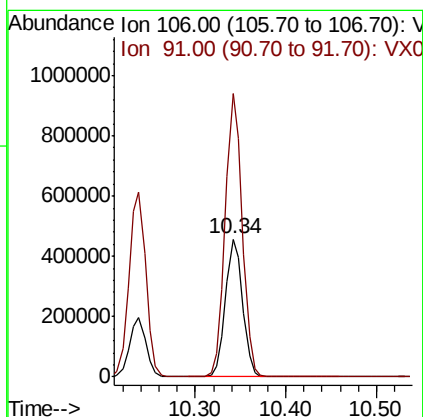
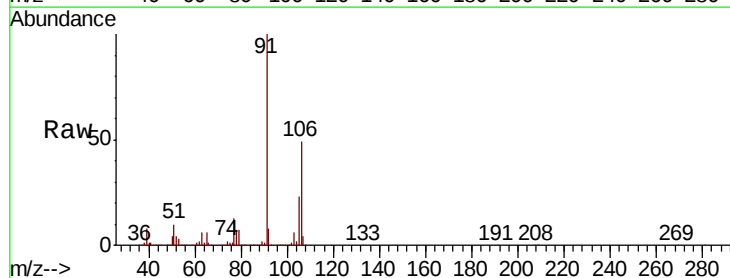
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

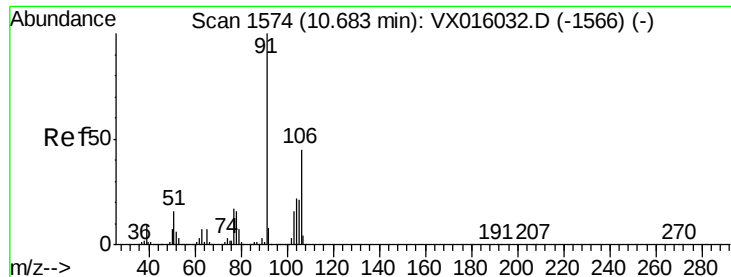
Tot Ion: 91 Resp: 797715
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 97.252 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 106 Resp: 602711
Ion Ratio Lower Upper
106 100
91 203.4 161.7 242.5

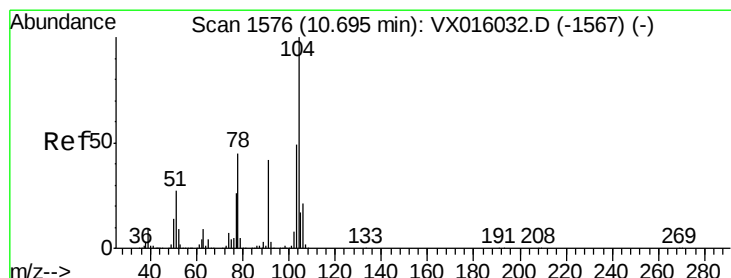
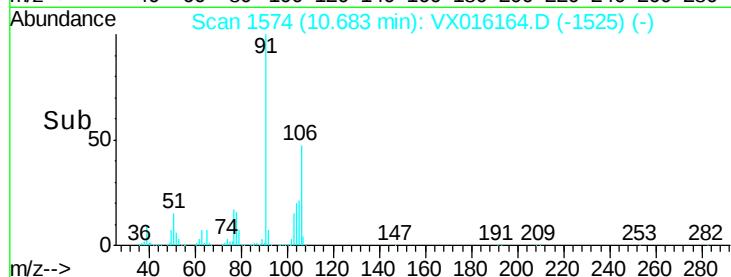
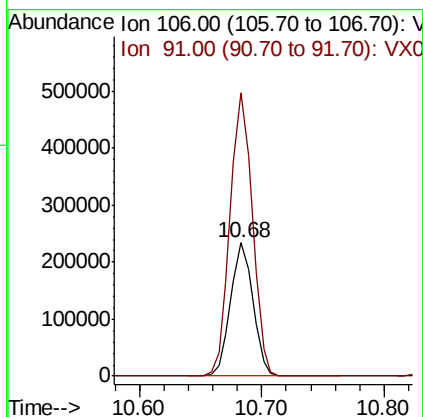
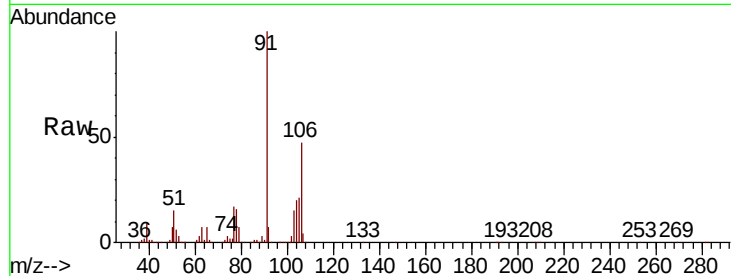




#69
o-Xylene
Concen: 49.574 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

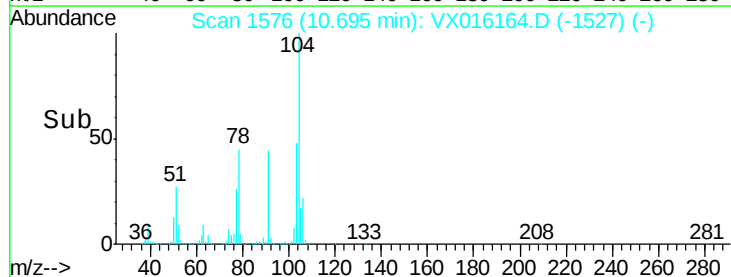
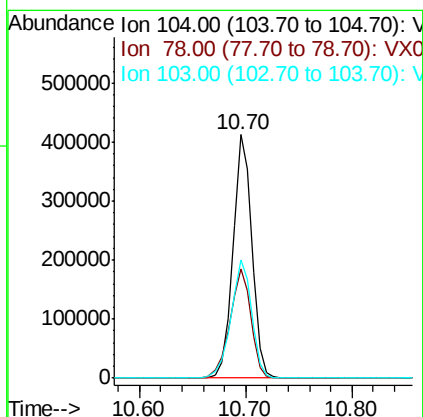
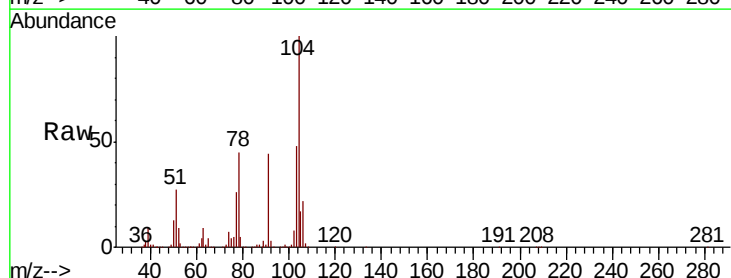
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

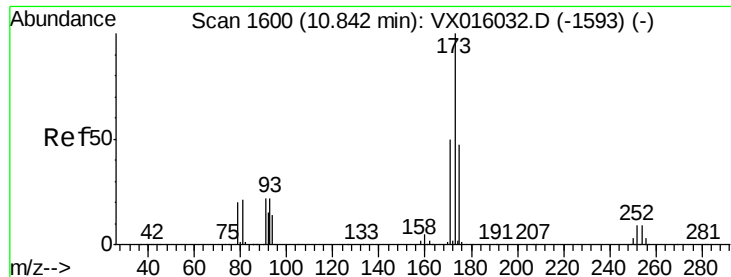
Tot Ion:106 Resp: 295323
Ion Ratio Lower Upper
106 100
91 212.5 107.5 322.6



#70
Styrene
Concen: 50.996 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion:104 Resp: 515389
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 53.0 43.0 64.6





#71

Bromoform

Concen: 52.728 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

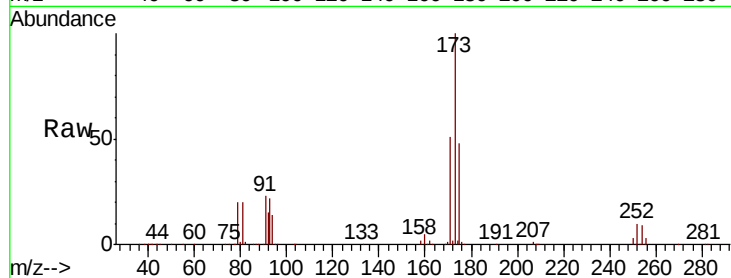
Tot Ion:173 Resp: 147202

Ion Ratio Lower Upper

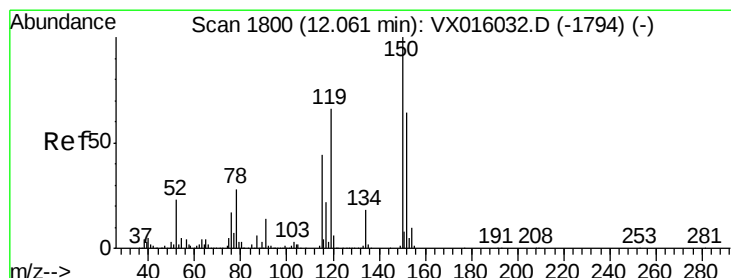
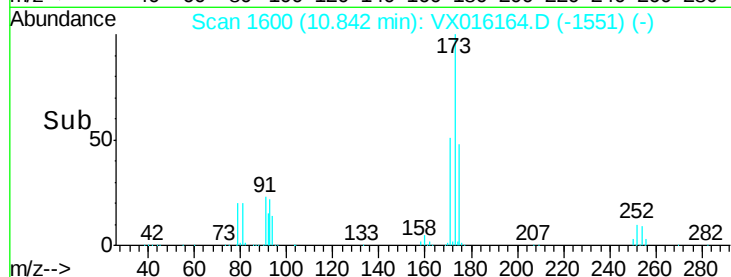
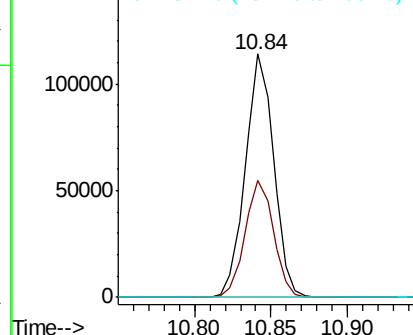
173 100

175 48.4 24.0 72.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

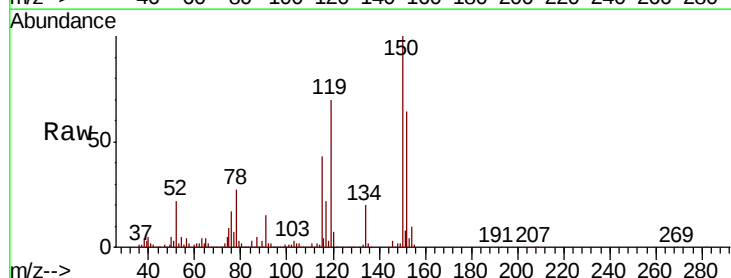
Tgt Ion:152 Resp: 224027

Ion Ratio Lower Upper

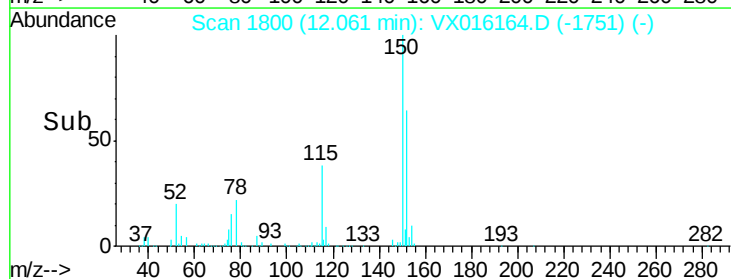
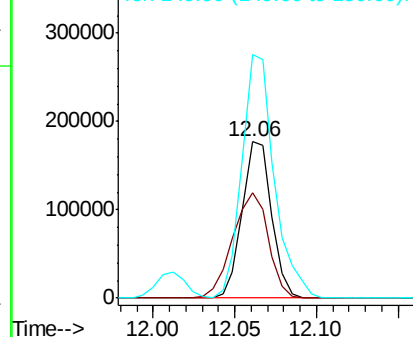
152 100

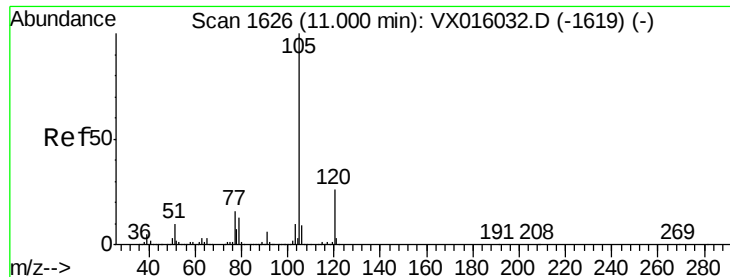
115 80.9 41.3 124.1

150 171.0 0.0 352.2



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





#73

Isopropylbenzene

Concen: 47.090 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

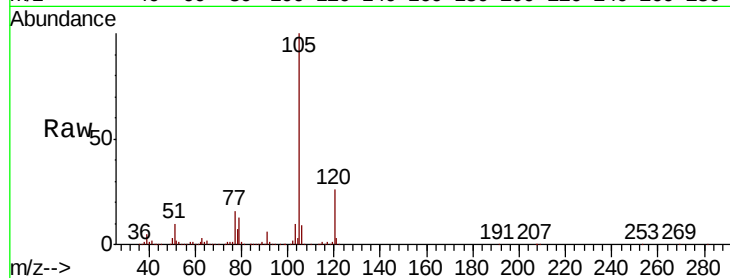
VSTDCCC050EC

Tot Ion:105 Resp: 767313

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

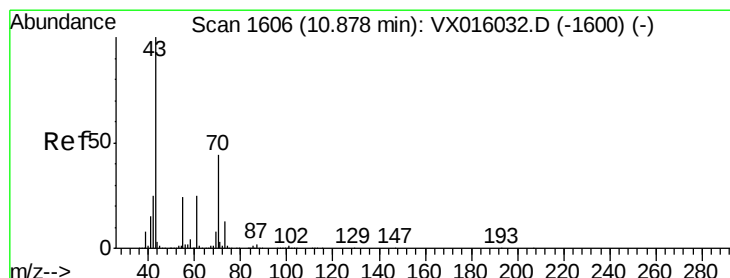
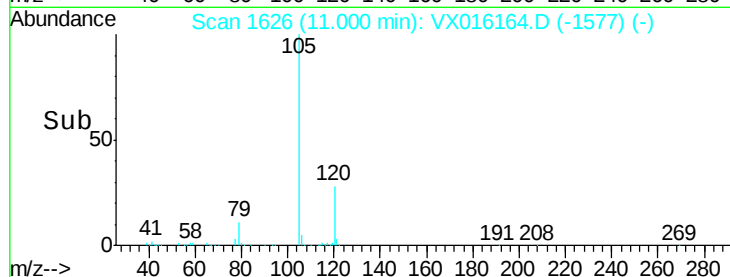
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 49.018 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion: 43 Resp: 372561

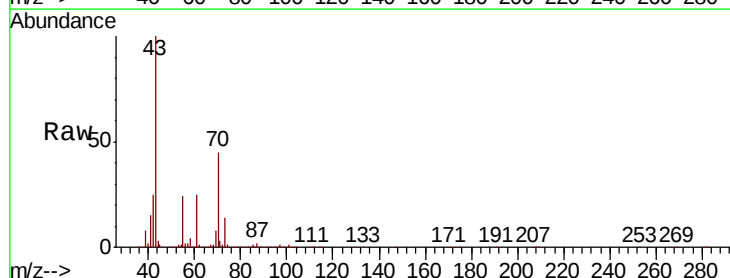
Ion Ratio Lower Upper

43 100

70 46.2 36.5 54.7

55 25.1 19.7 29.5

61 26.0 20.9 31.3



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

10.88

400000

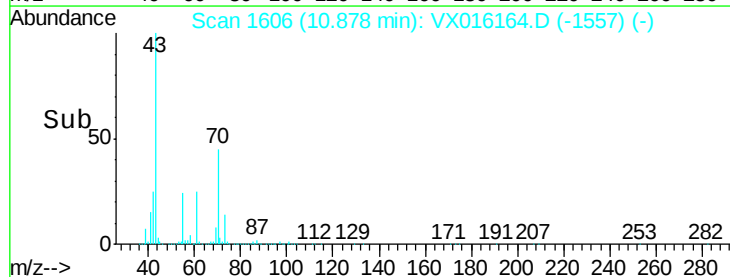
300000

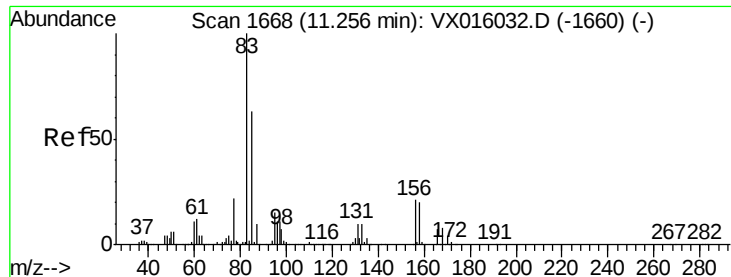
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 63.958 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

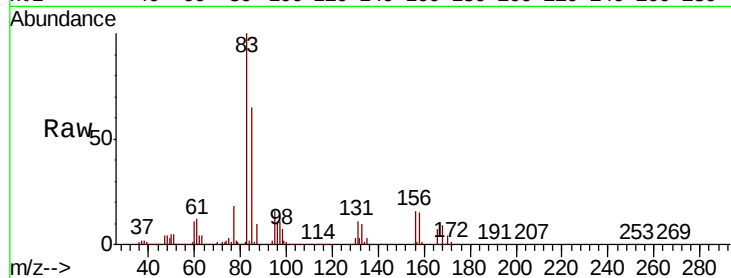
Tot Ion: 83 Resp: 211919

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.8	32.0	96.0

83 100

131 10.3 5.1 15.4

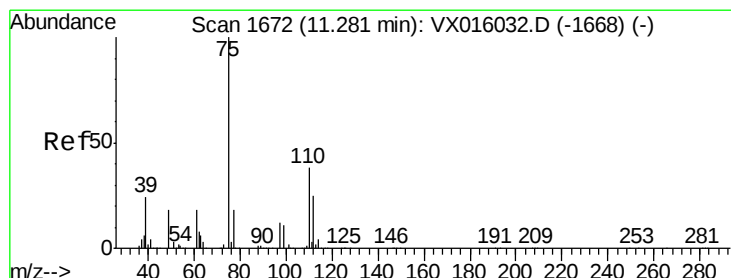
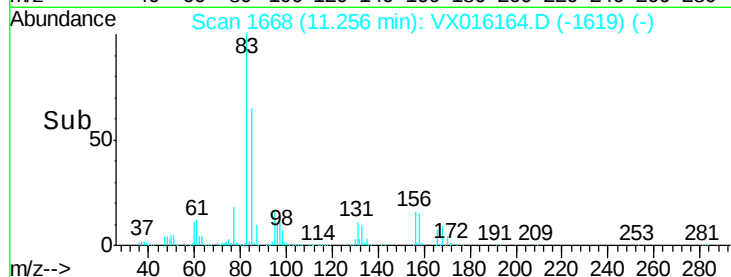
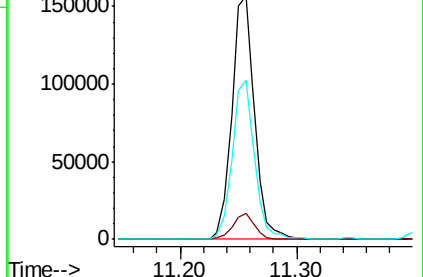
85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.427 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016164.D

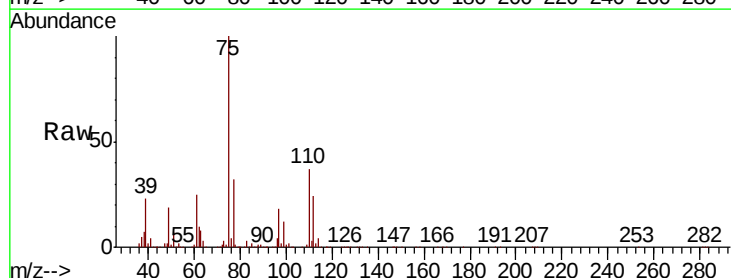
Acq: 11 May 2020 20:59

Tgt Ion: 75 Resp: 332613

Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.2	63.6

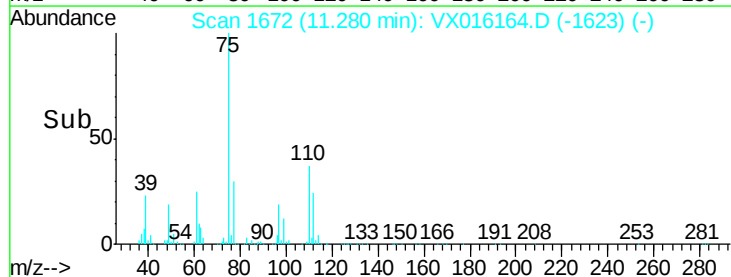
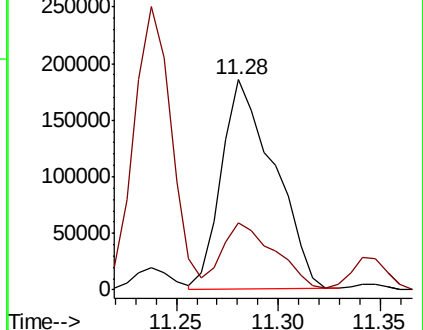
75 100

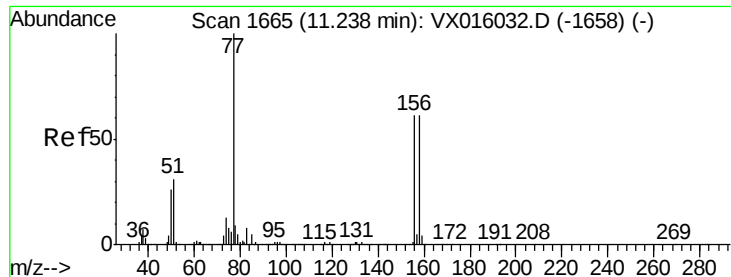
77 32.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.211 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

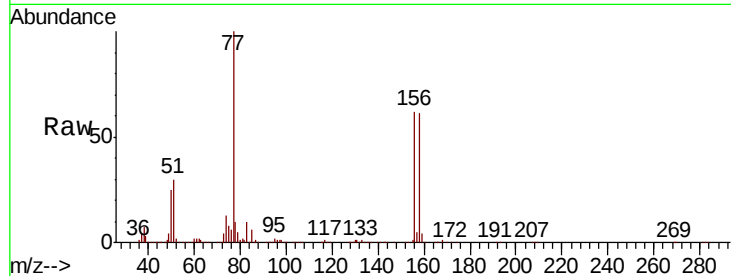
Tot Ion:156 Resp: 198563

Ion Ratio Lower Upper

156 100

77 161.8 80.1 240.3

158 97.7 49.4 148.2



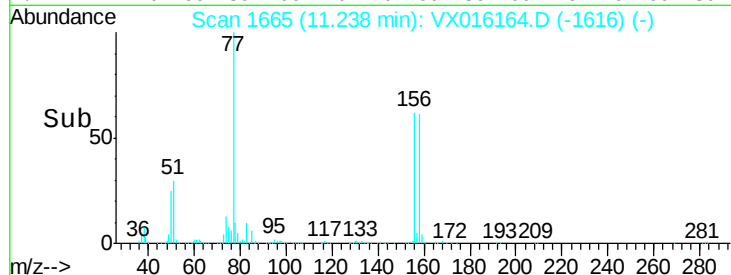
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

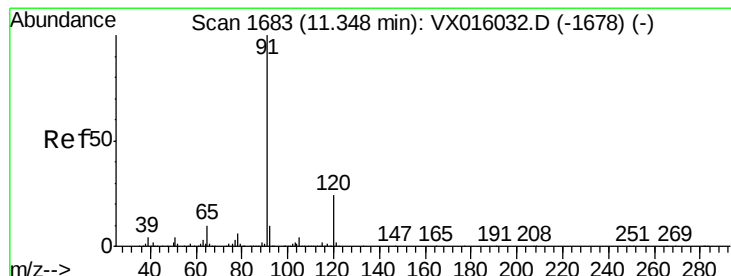
Time-->

11.15 11.20 11.25 11.30



Time-->

11.15 11.20 11.25 11.30



#78

n-propylbenzene

Concen: 46.991 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016164.D

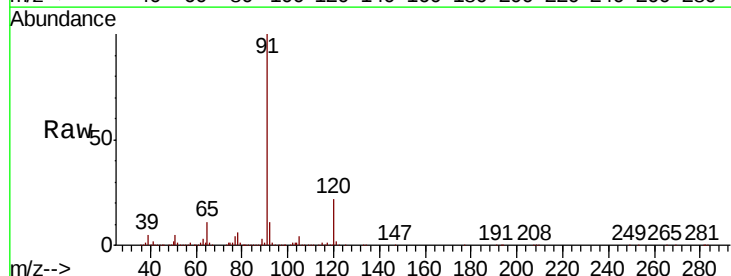
Acq: 11 May 2020 20:59

Tgt Ion: 91 Resp: 890762

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5

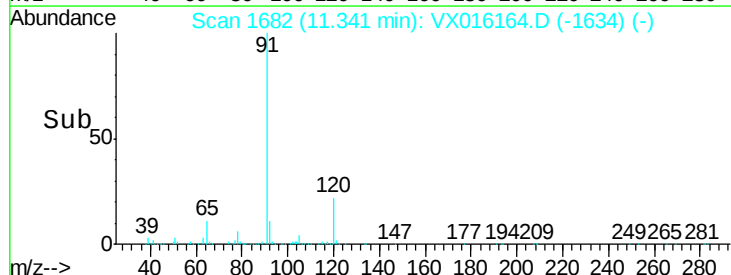


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

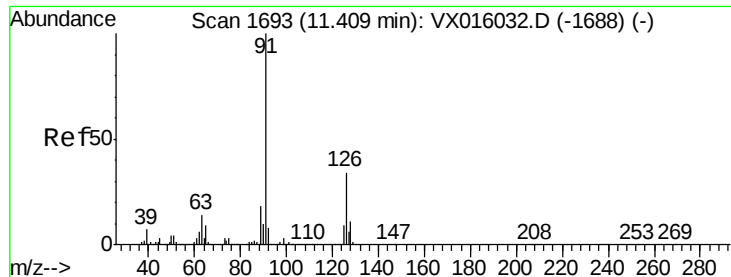
Time-->

11.30 11.35



Time-->

11.30 11.35



#79

2-Chlorotoluene

Concen: 47.295 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

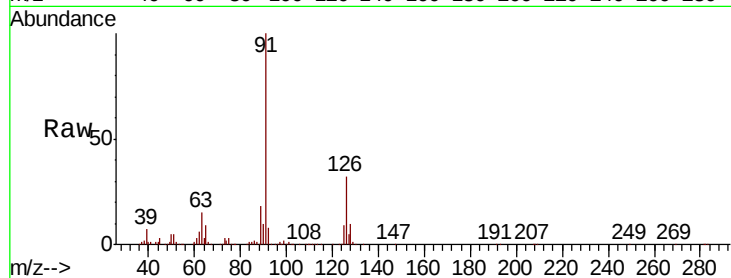
VSTDCCC050EC

Tot Ion: 91 Resp: 529199

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016164.D (-1644) (-)

Ion 125.90 (125.60 to 126.60): VX016164.D (-1644) (-)

800000

600000

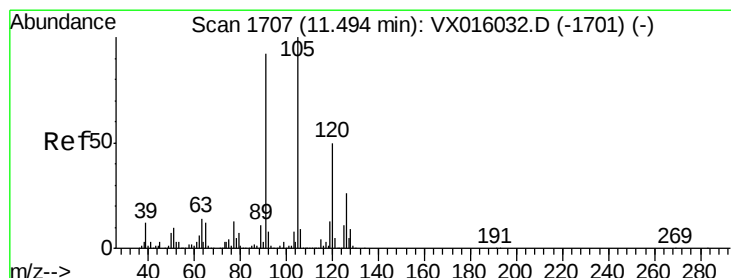
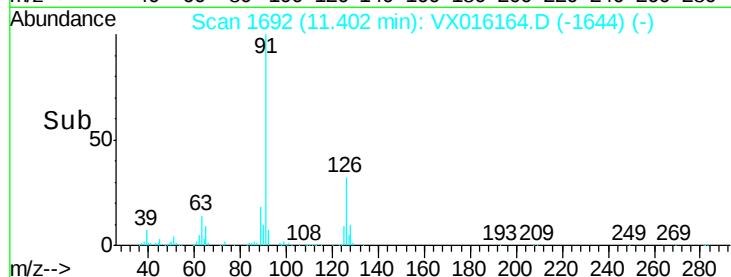
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.565 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016164.D

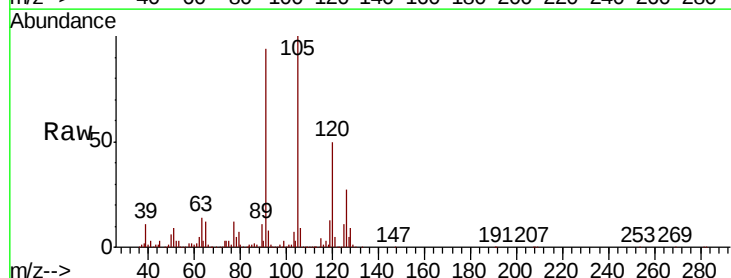
Acq: 11 May 2020 20:59

Tgt Ion: 105 Resp: 654398

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016164.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX016164.D (-1658) (-)

600000

500000

400000

300000

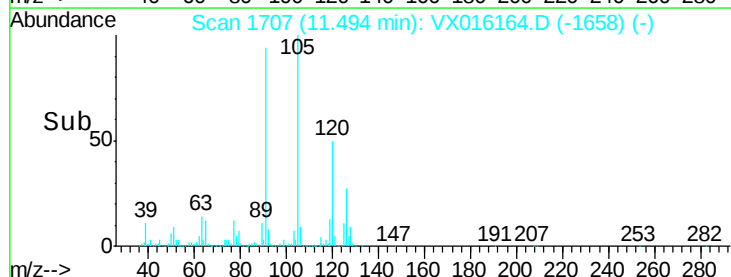
200000

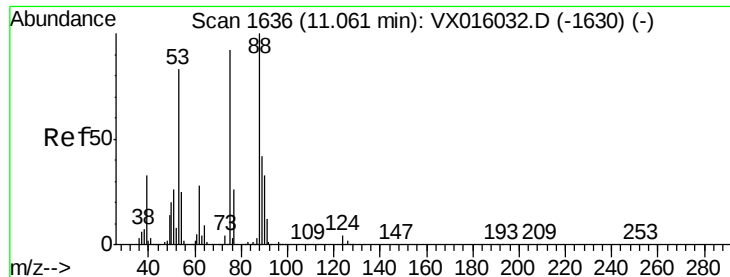
100000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.203 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

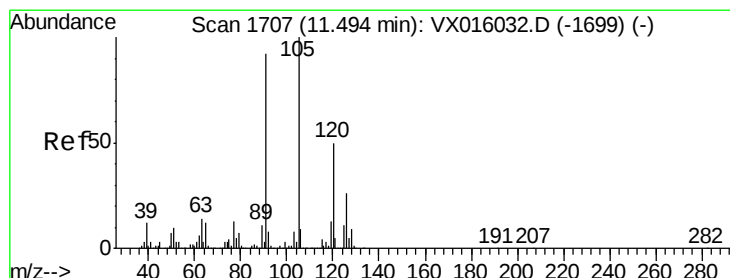
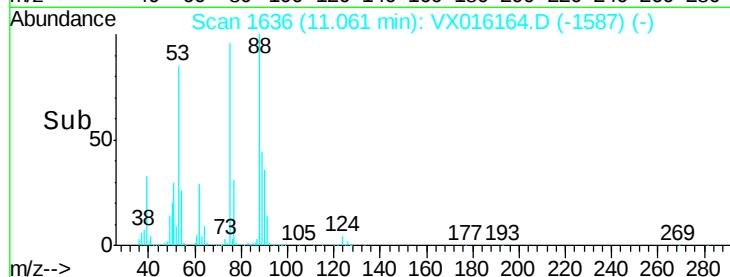
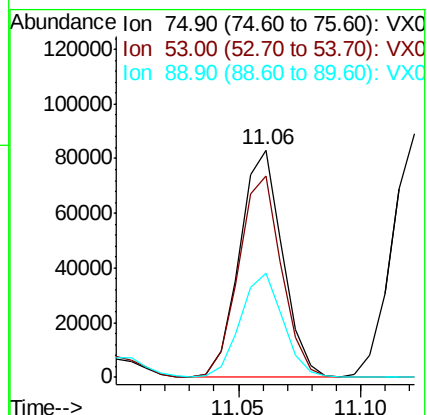
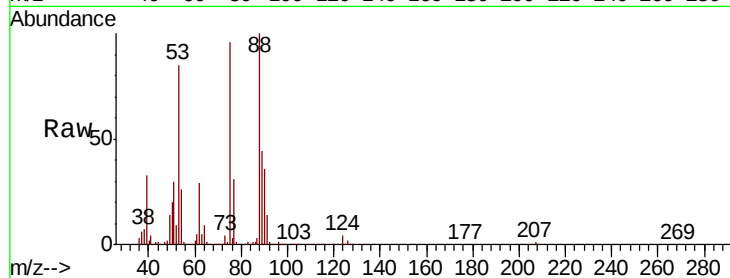
Tot Ion: 75 Resp: 100696

Ion Ratio Lower Upper

75 100

53 89.3 73.1 109.7

89 45.4 36.7 55.1



#82

4-Chlorotoluene

Concen: 47.660 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016164.D

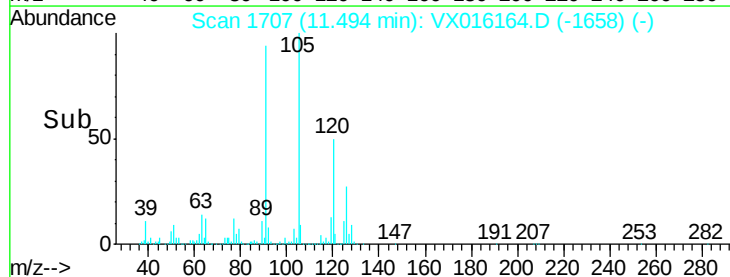
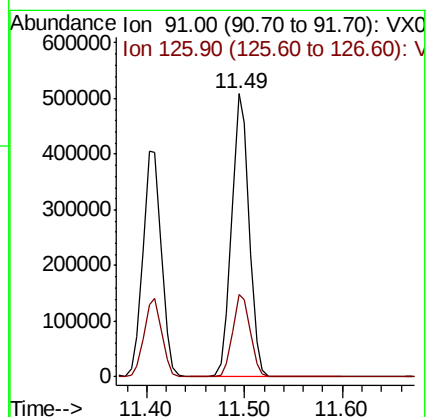
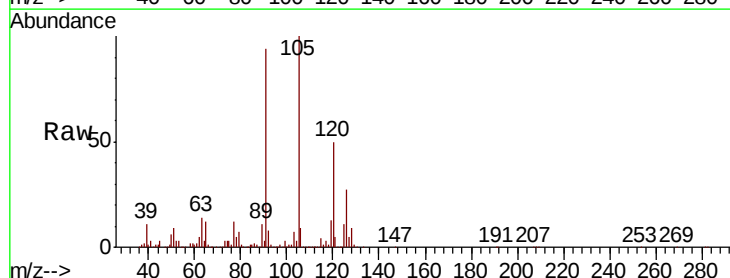
Acq: 11 May 2020 20:59

Tgt Ion: 91 Resp: 629743

Ion Ratio Lower Upper

91 100

126 29.3 14.8 44.3

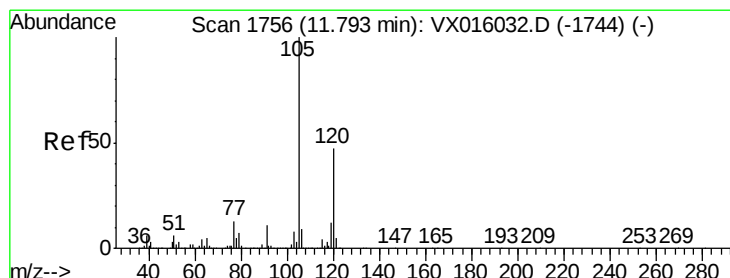
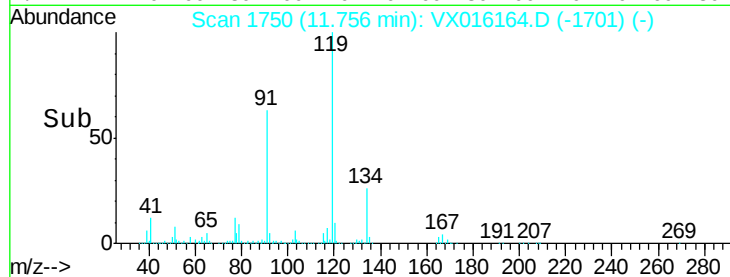
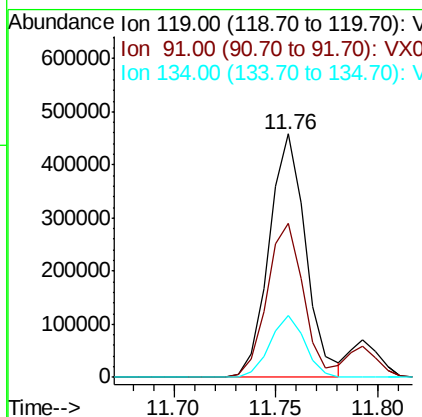
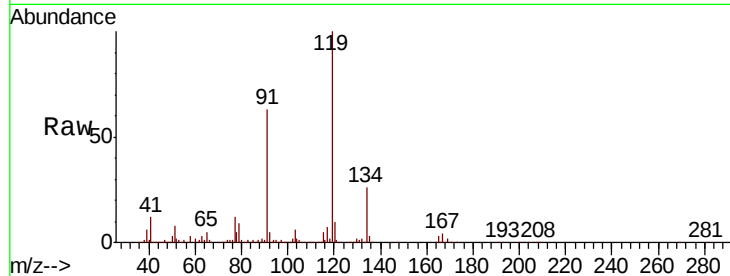




#83
tert-Butylbenzene
Concen: 48.253 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

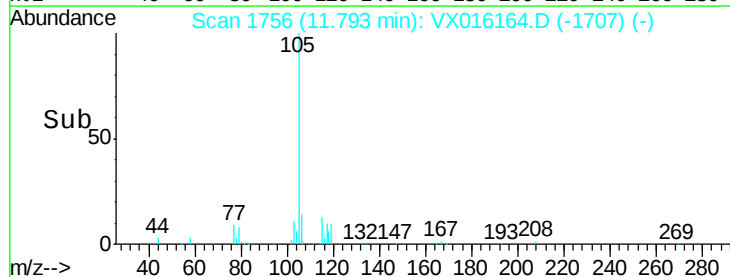
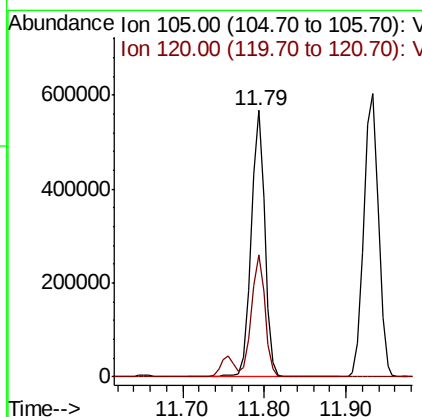
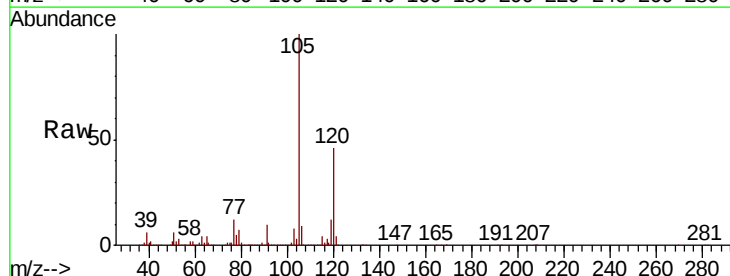
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

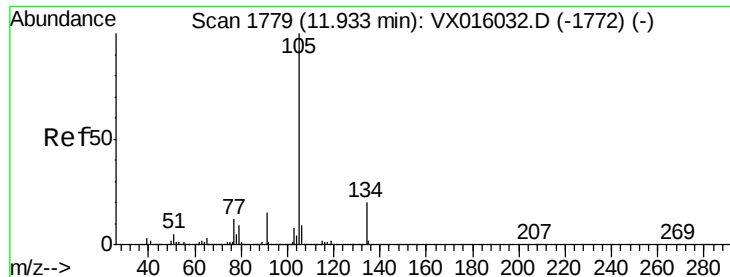
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	32.8	98.4
134	24.3	12.4	37.0



#84
1,2,4-Trimethylbenzene
Concen: 47.510 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.0	69.0

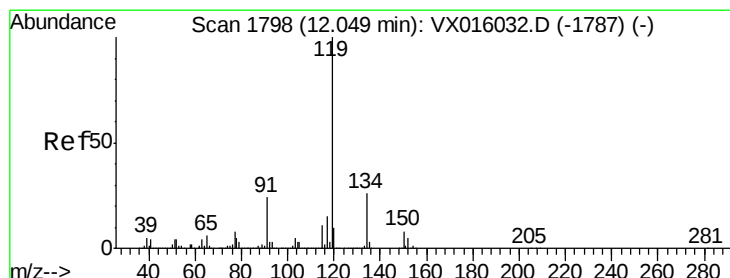
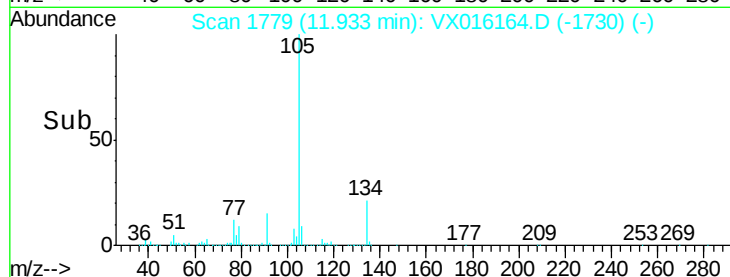
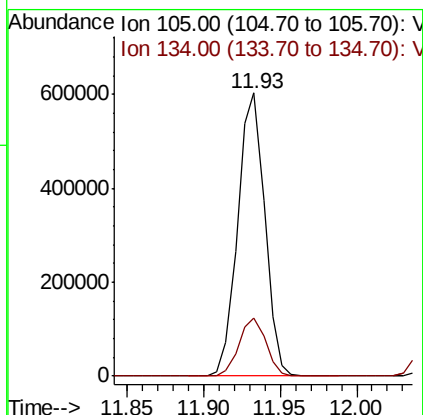
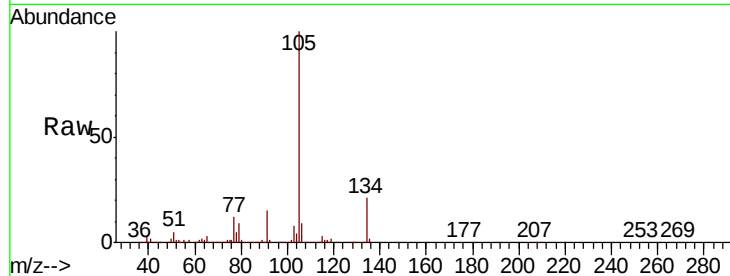




#85
 sec-Butylbenzene
 Concen: 46.101 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

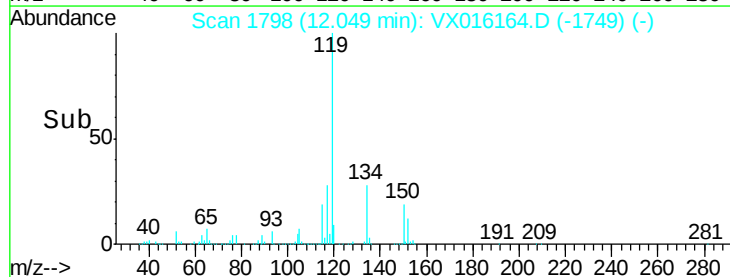
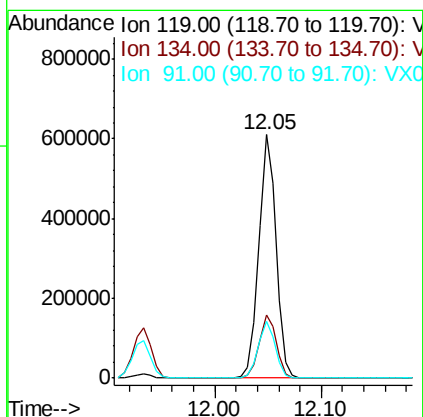
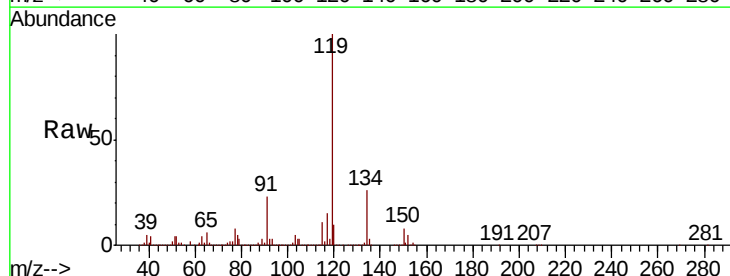
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

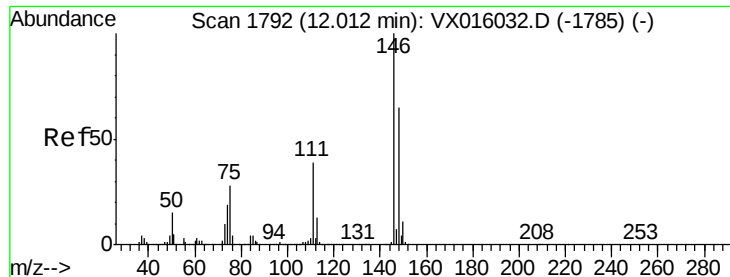
Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.3



#86
 p-Isopropyltoluene
 Concen: 46.680 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.1	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 46.761 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

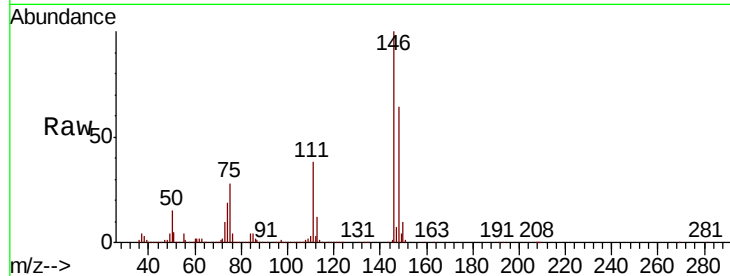
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146	Resp:	353132
Ion	Ratio	Lower Upper
146	100	
111	39.8	20.2 60.6
148	63.6	32.1 96.3

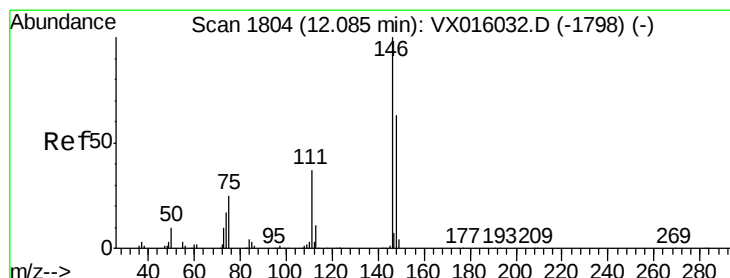
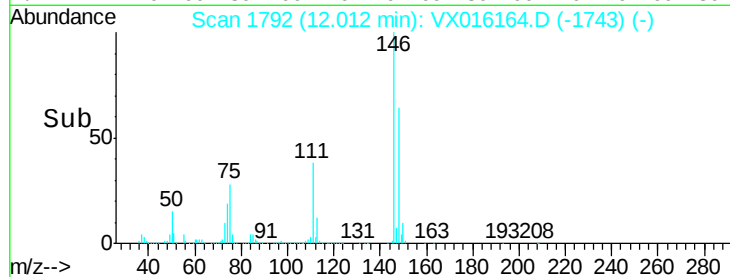
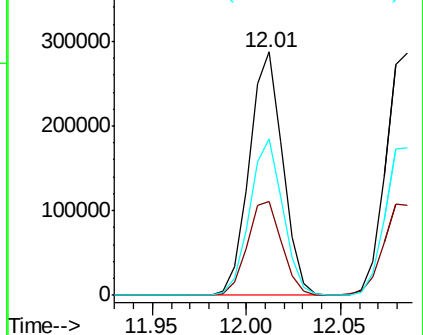


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.354 ug/l

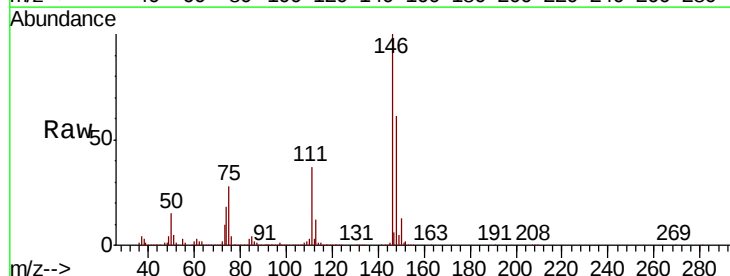
RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:146	Resp:	355295
Ion	Ratio	Lower Upper
146	100	
111	38.9	19.6 58.7
148	63.0	31.8 95.3

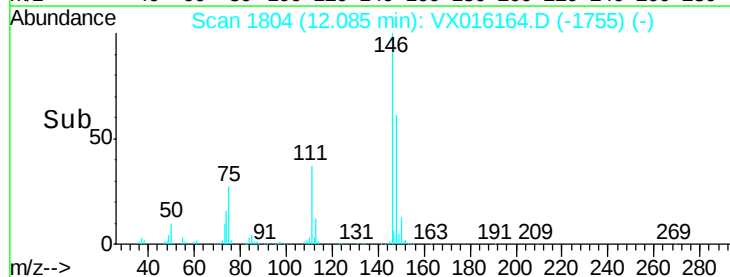
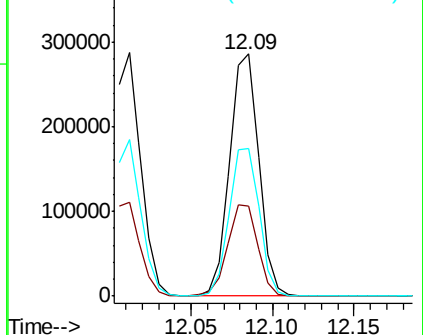


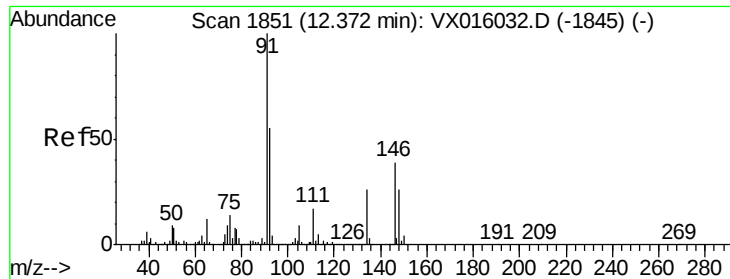
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

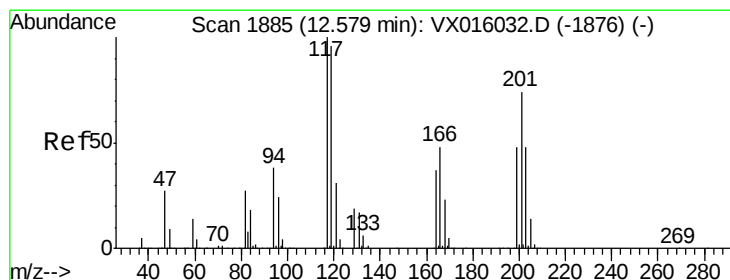
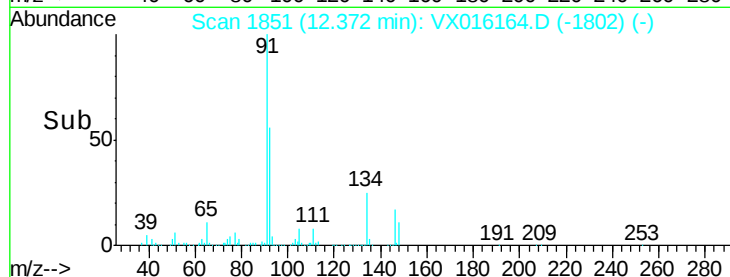
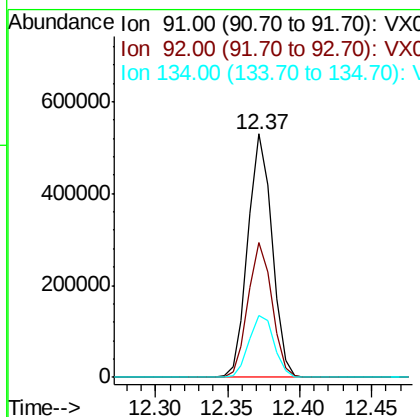
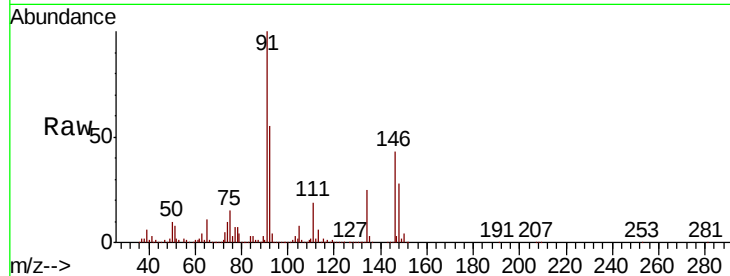




#89
n-Butylbenzene
Concen: 45.076 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

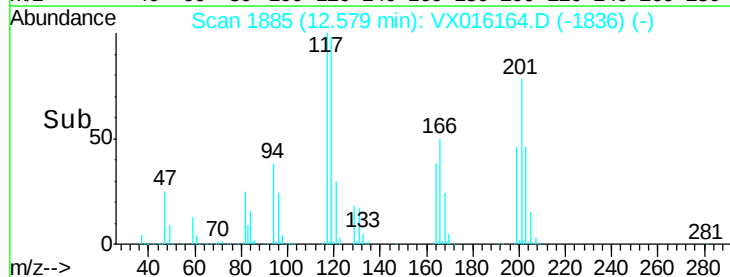
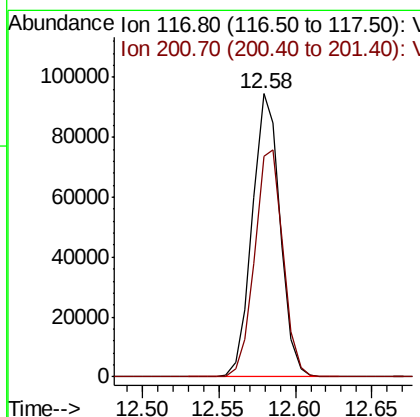
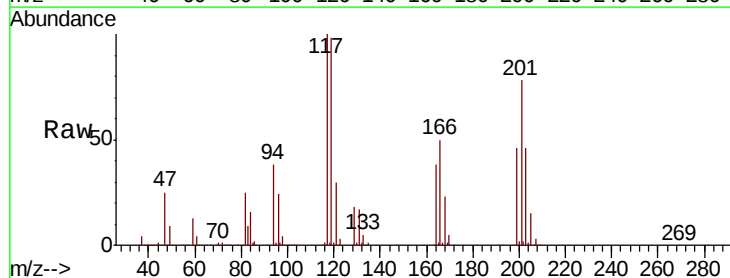
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

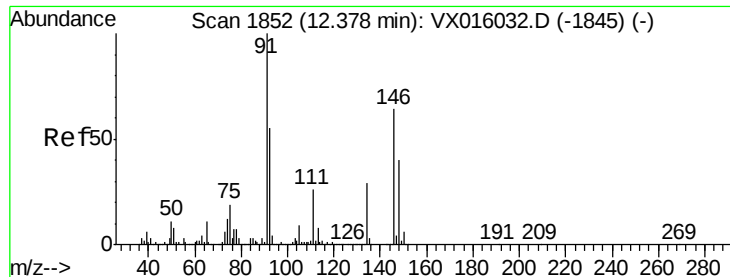
Tot Ion: 91 Resp: 612049
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.7
134 26.4 13.4 40.1



#90
Hexachloroethane
Concen: 46.896 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 117 Resp: 119706
Ion Ratio Lower Upper
117 100
201 82.0 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 46.580 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

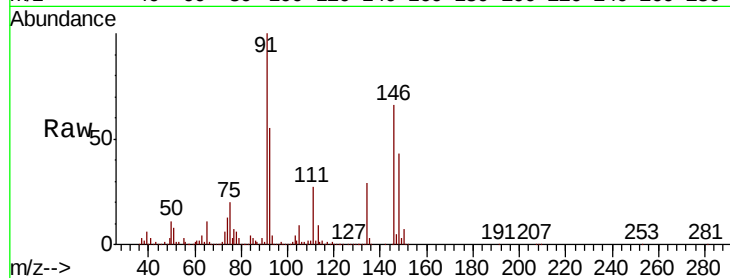
Tot Ion:146 Resp: 338710

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.1

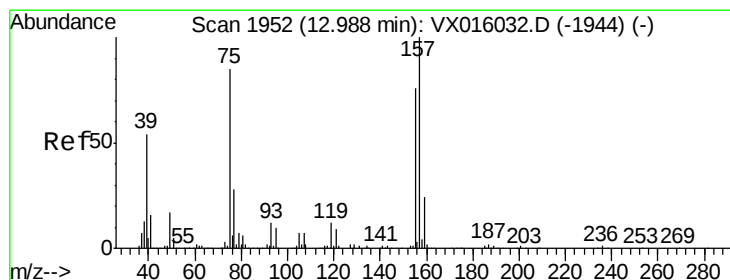
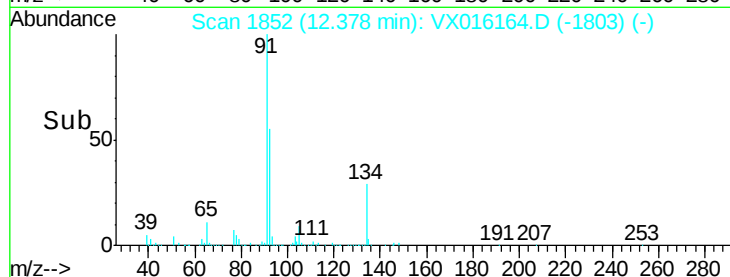
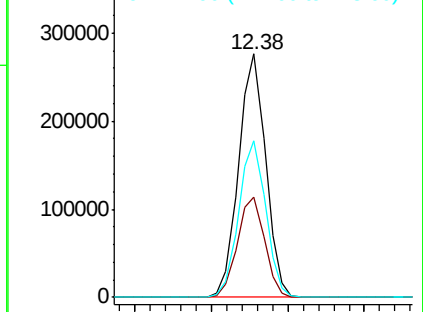
148 64.4 32.4 97.0



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: 48.195 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

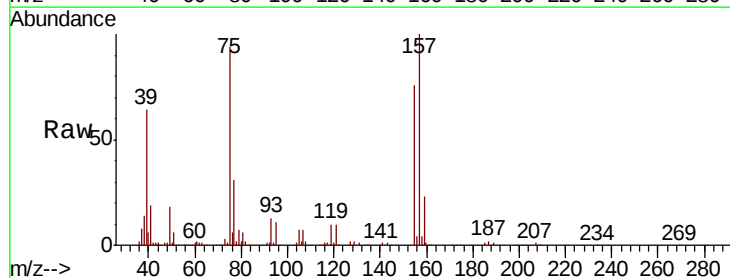
Tgt Ion: 75 Resp: 64574

Ion Ratio Lower Upper

75 100

155 87.9 42.5 127.5

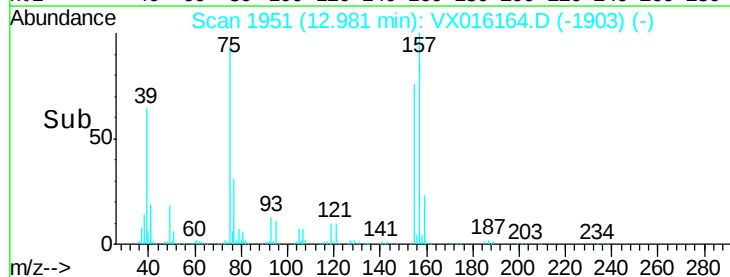
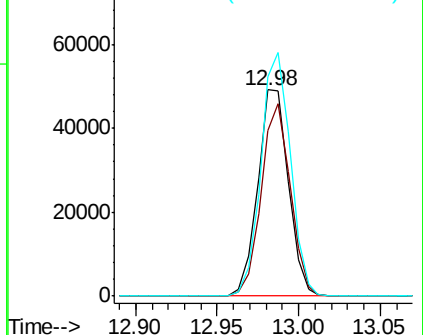
157 112.7 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

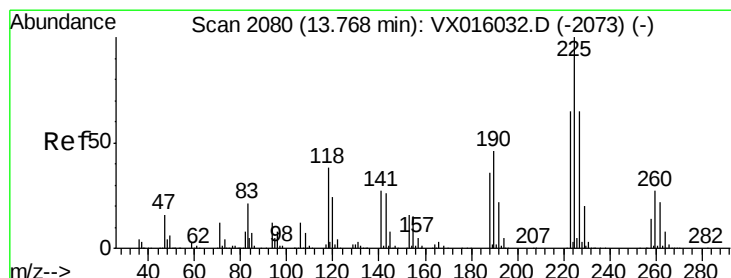
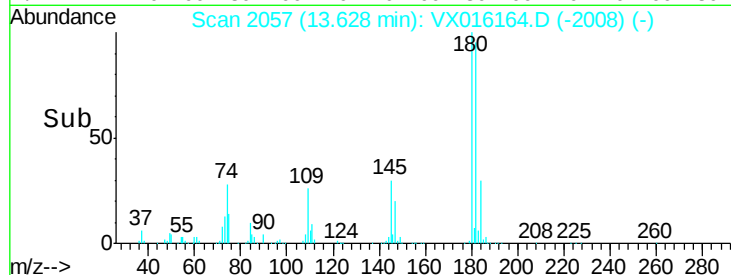
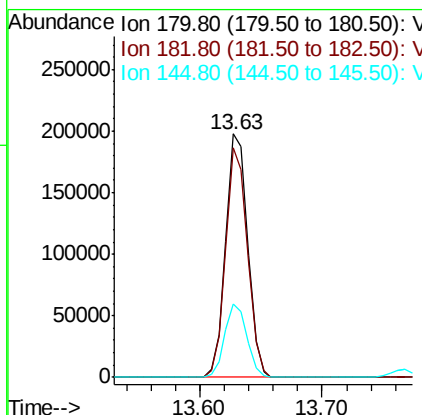
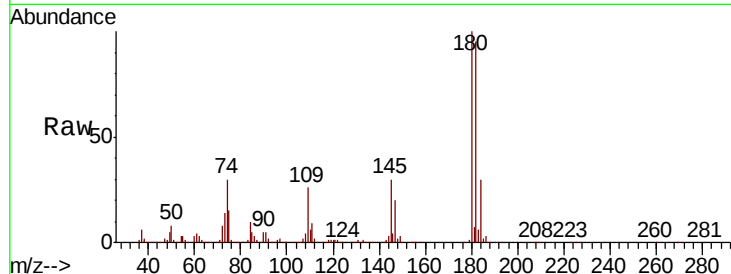




#93
 1,2,4-Trichlorobenzene
 Concen: 45.689 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

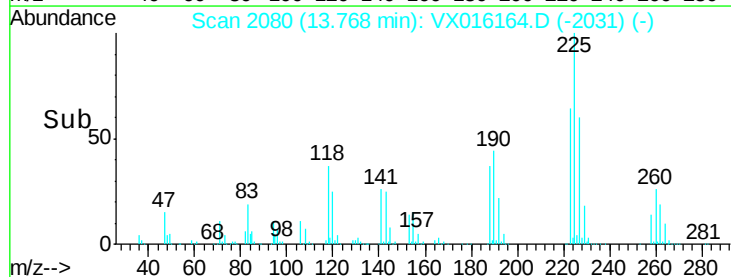
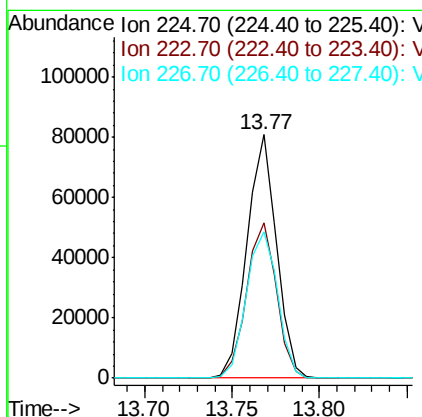
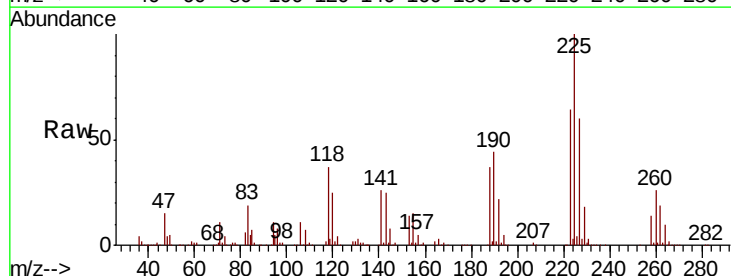
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.7	146.1
145	30.2	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 41.164 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.3	96.9
227	63.7	31.8	95.4

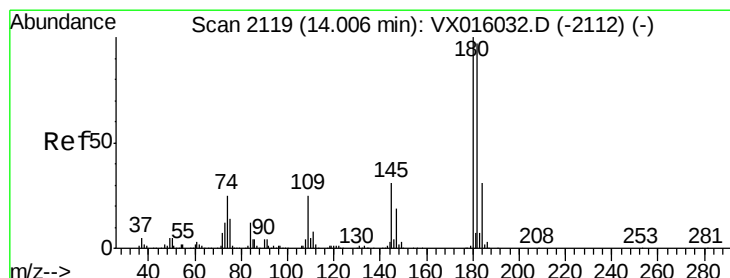
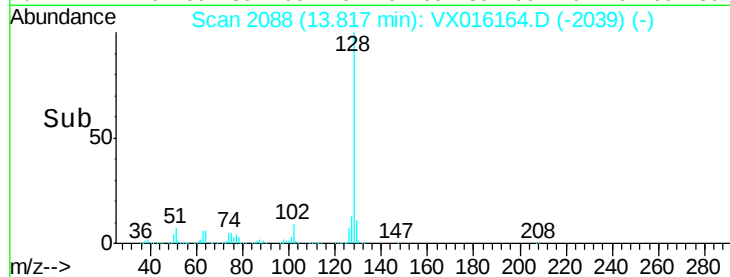
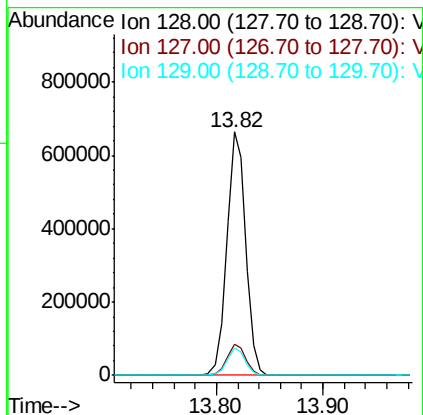
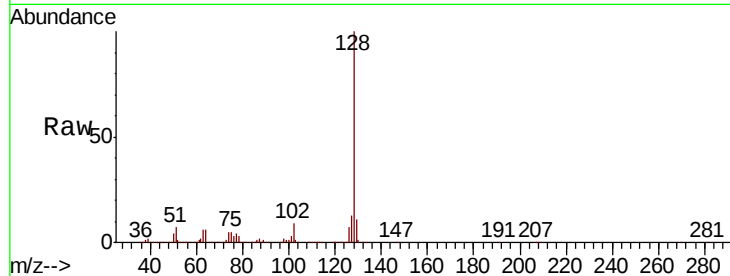




#95
Naphthalene
Concen: 47.028 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 819798
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.446 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion:180 Resp: 239112
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.0
145 32.9 16.4 49.1

