

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016035.D
 Acq On : 04 May 2020 14:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

Quant Time: May 05 07:25:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	529586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	500305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251728	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	198672	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.46	113	152908	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	8.70	98	598796	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
62) 4-Bromofluorobenzene	11.12	95	228500	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	162652	46.175	ug/l	99
3) Chloromethane	1.31	50	183789	44.927	ug/l	99
4) Vinyl Chloride	1.39	62	198780	45.545	ug/l	99
5) Bromomethane	1.62	94	108006	49.087	ug/l	97
6) Chloroethane	1.70	64	127476	48.004	ug/l	97
7) Trichlorofluoromethane	1.91	101	272668	47.587	ug/l	98
8) Diethyl Ether	2.17	74	114585	47.462	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	154578	46.760	ug/l	99
10) Methyl Iodide	2.49	142	207694	46.773	ug/l	100
11) Tert butyl alcohol	3.02	59	261651	236.279	ug/l	100
12) 1,1-Dichloroethene	2.36	96	158692	45.873	ug/l	97
13) Acrolein	2.27	56	160415	231.492	ug/l	100
14) Allyl chloride	2.71	41	291402	45.941	ug/l	98
15) Acrylonitrile	3.12	53	523246	227.769	ug/l	99
16) Acetone	2.42	43	450095	230.352	ug/l	100
17) Carbon Disulfide	2.55	76	488275	46.988	ug/l	99
18) Methyl Acetate	2.75	43	218938	45.571	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	562409	47.160	ug/l	99
20) Methylene Chloride	2.84	84	176425	43.799	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	173152	44.916	ug/l	98
22) Diisopropyl ether	3.82	45	554559	46.343	ug/l	98
23) Vinyl Acetate	3.79	43	2522258	239.580	ug/l	99
24) 1,1-Dichloroethane	3.67	63	311355	46.513	ug/l	99
25) 2-Butanone	4.64	43	740690	235.244	ug/l	100
26) 2,2-Dichloropropane	4.55	77	287482	47.026	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	195705	46.436	ug/l	100
28) Bromochloromethane	4.98	49	136802	44.819	ug/l	98
29) Tetrahydrofuran	5.09	42	486910	233.388	ug/l	99
30) Chloroform	5.18	83	312403	46.873	ug/l	97
31) Cyclohexane	5.55	56	284880	46.828	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	282311	46.599	ug/l	99
36) 1,1-Dichloropropene	5.77	75	240136	46.064	ug/l	100
37) Ethyl Acetate	4.80	43	283757	46.964	ug/l	99
38) Carbon Tetrachloride	5.76	117	251707	47.504	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	291975	46.508	ug/l	100
40) Benzene	6.12	78	706078	46.291	ug/l	100
41) Methacrylonitrile	5.01	41	154744	47.424	ug/l	99
42) 1,2-Dichloroethane	6.17	62	255070	46.421	ug/l	100
43) Isopropyl Acetate	6.42	43	456429	47.346	ug/l	100
44) Trichloroethene	7.19	130	237307	43.793	ug/l	98
45) 1,2-Dichloropropane	7.49	63	180240	46.700	ug/l	99
46) Dibromomethane	7.64	93	121707	46.403	ug/l	99
47) Bromodichloromethane	7.88	83	253987	47.547	ug/l	98
48) Methyl methacrylate	7.75	41	217209	47.550	ug/l	99
49) 1,4-Dioxane	7.71	88	102919	939.413	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1409750	238.969	ug/l	100
52) Toluene	8.77	92	448841	47.209	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	302728	47.531	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	315685	47.453	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176997	47.318	ug/l	100
56) Ethyl methacrylate	9.16	69	296407	48.545	ug/l	99
57) 1,3-Dichloropropane	9.35	76	305187	46.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	786266	241.884	ug/l	99
59) 2-Hexanone	9.48	43	1106704	238.881	ug/l	100
60) Dibromochloromethane	9.57	129	201360	48.877	ug/l	100
61) 1,2-Dibromoethane	9.65	107	193908	47.858	ug/l	100
64) Tetrachloroethene	9.32	164	275084	44.788	ug/l	96
65) Chlorobenzene	10.12	112	481059	45.921	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	180433	46.600	ug/l	100
67) Ethyl Benzene	10.24	91	858448	45.927	ug/l	100
68) m/p-Xylenes	10.34	106	660513	94.318	ug/l	100
69) o-Xylene	10.68	106	315885	46.926	ug/l	99
70) Styrene	10.70	104	538763	47.177	ug/l	100
71) Bromoform	10.84	173	151702	48.089	ug/l #	99
73) Isopropylbenzene	11.01	105	852249	46.547	ug/l	99
74) N-amyl acetate	10.88	43	395276	46.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	177388	45.034	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	354677	62.090	ug/l	83
77) Bromobenzene	11.24	156	212180	44.897	ug/l	98
78) n-propylbenzene	11.35	91	977493	45.892	ug/l	99
79) 2-Chlorotoluene	11.41	91	572140	45.506	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	713885	46.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	114418	47.733	ug/l	99
82) 4-Chlorotoluene	11.49	91	673897	45.390	ug/l	100
83) tert-Butylbenzene	11.76	119	618865	46.453	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	717029	45.878	ug/l	99
85) sec-Butylbenzene	11.93	105	824759	45.851	ug/l	100
86) p-Isopropyltoluene	12.05	119	769776	46.092	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	374372	44.119	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	376555	43.721	ug/l	98
89) n-Butylbenzene	12.37	91	696645	45.660	ug/l	99
90) Hexachloroethane	12.58	117	133735	46.627	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	364577	44.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65985	43.829	ug/l	97

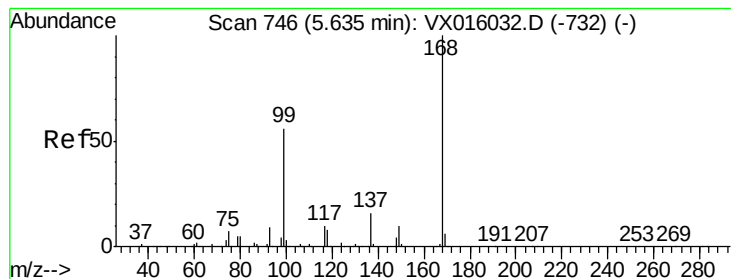
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
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Quant Title : SW846 8260
QLast Update : Tue May 05 07:11:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	271485	44.879	ug/l	98
94) Hexachlorobutadiene	13.77	225	124956	47.992	ug/l	98
95) Naphthalene	13.82	128	877364	44.792	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	263103	44.503	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: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

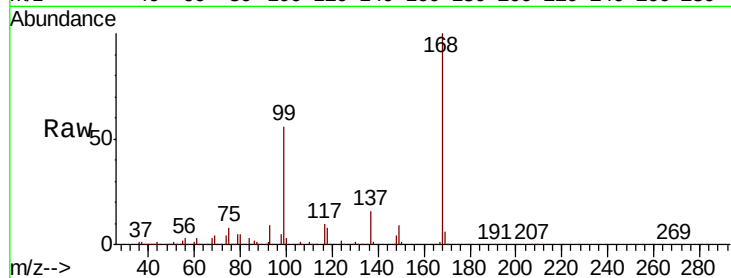
ICVVX050420

Tot Ion:168 Resp: 332790

Ion Ratio Lower Upper

168 100

99 56.1 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

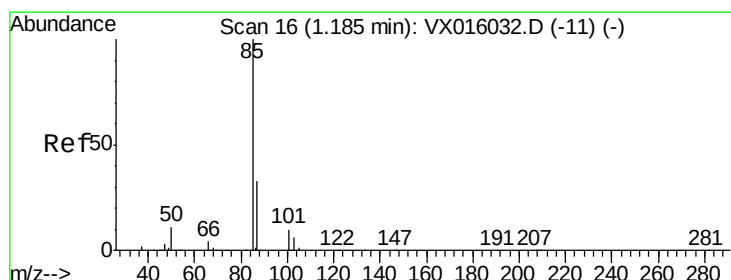
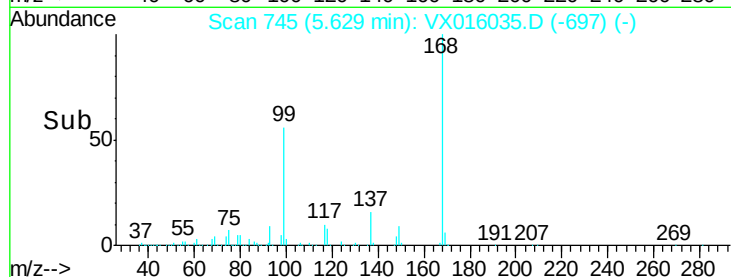
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 46.175 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016035.D

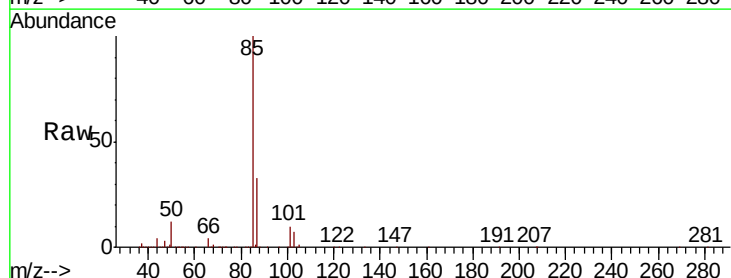
Acq: 04 May 2020 14:39

Tgt Ion: 85 Resp: 162652

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

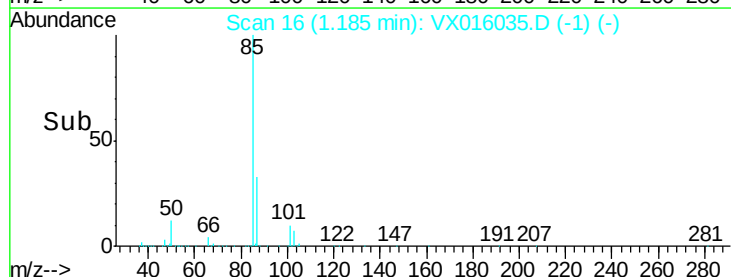
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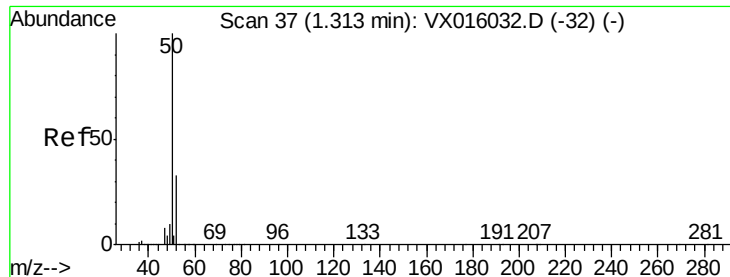
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.927 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

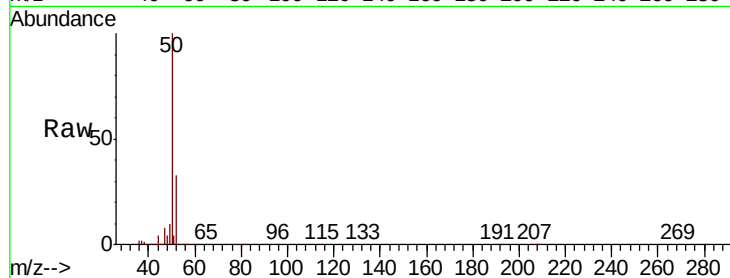
ICVVX050420

Tot Ion: 50 Resp: 183789

Ion Ratio Lower Upper

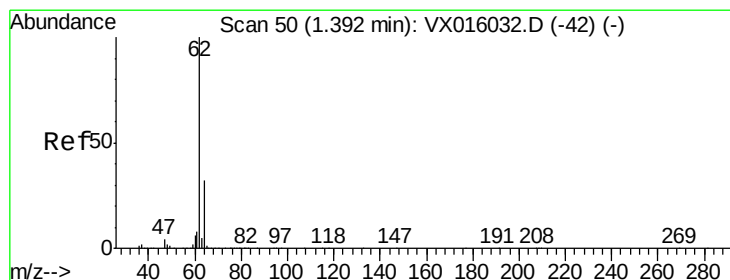
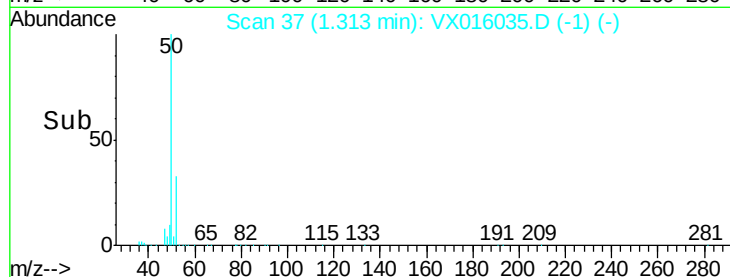
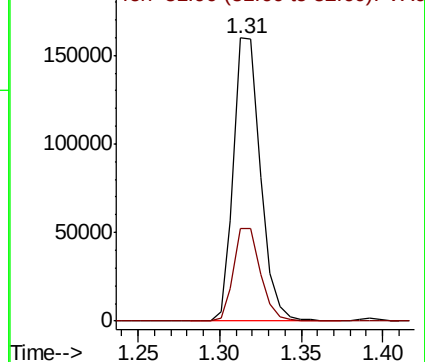
50 100

52 32.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.545 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016035.D

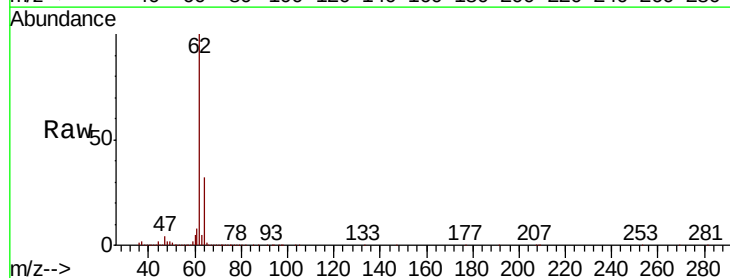
Acq: 04 May 2020 14:39

Tgt Ion: 62 Resp: 198780

Ion Ratio Lower Upper

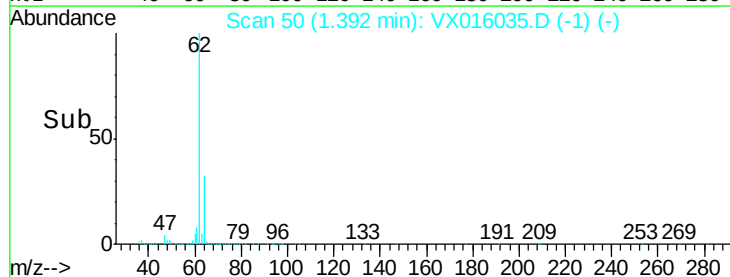
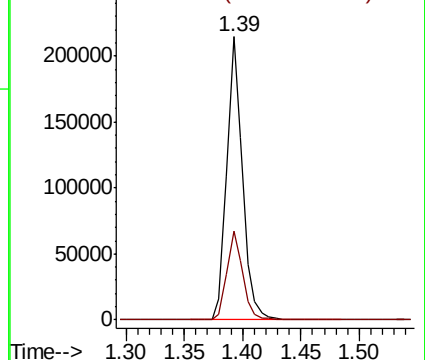
62 100

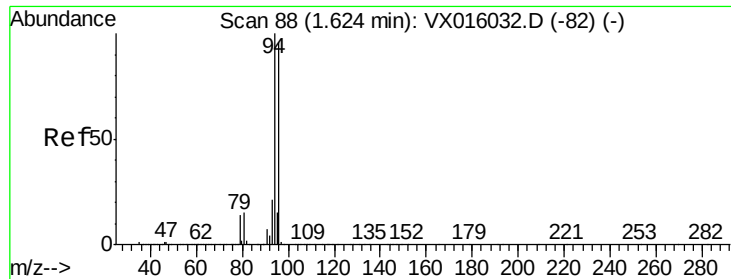
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.087 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

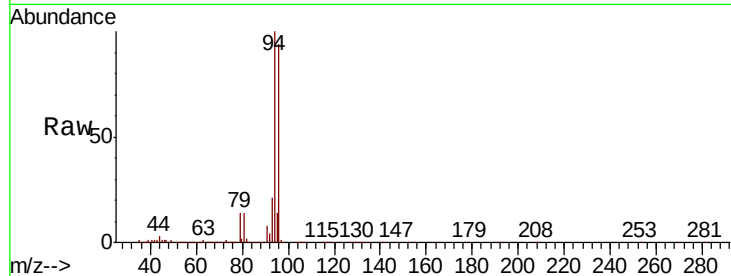
ICVX050420

Tot Ion: 94 Resp: 108006

Ion Ratio Lower Upper

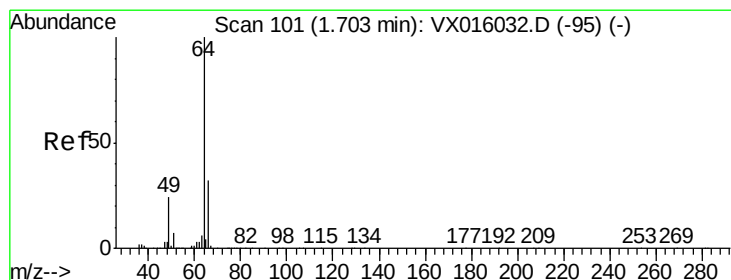
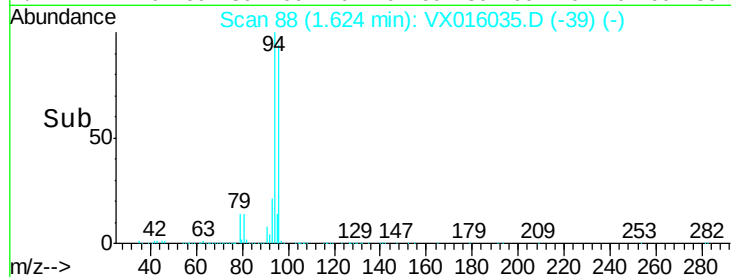
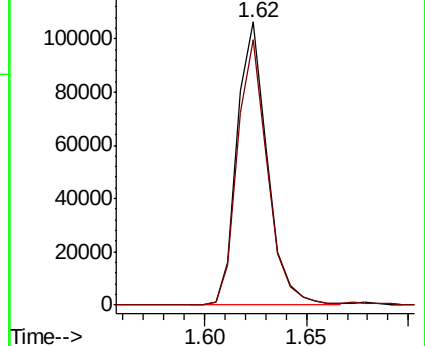
94 100

96 93.5 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.004 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016035.D

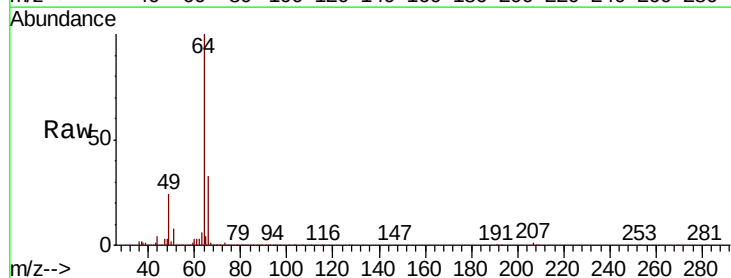
Acq: 04 May 2020 14:39

Tgt Ion: 64 Resp: 127476

Ion Ratio Lower Upper

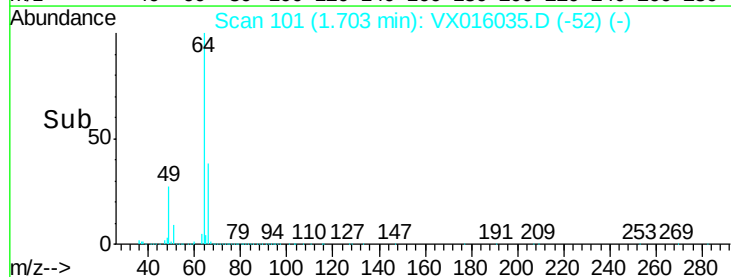
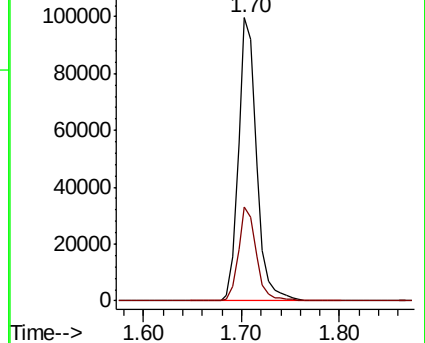
64 100

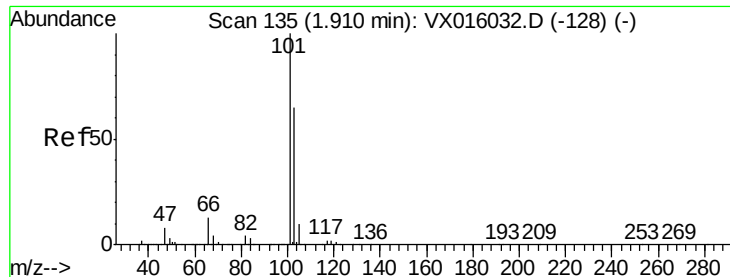
66 33.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



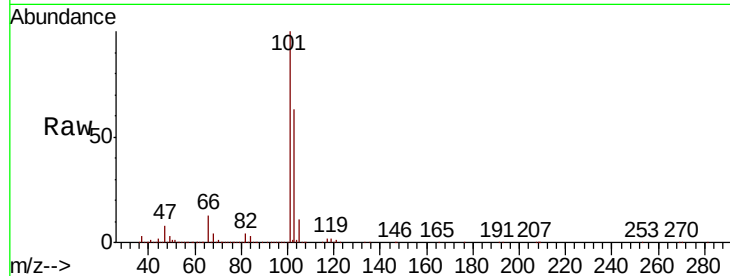


#7

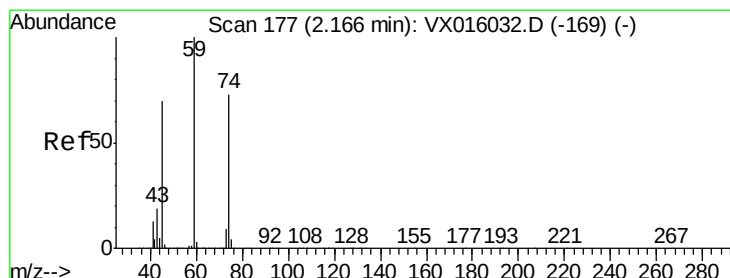
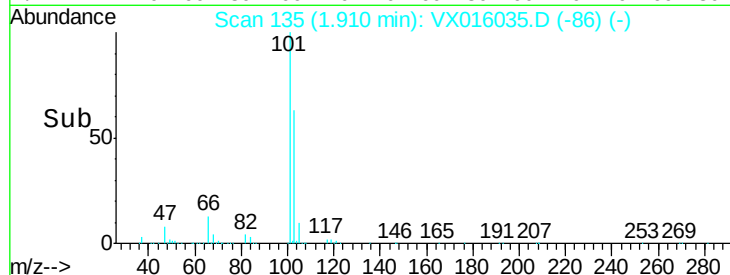
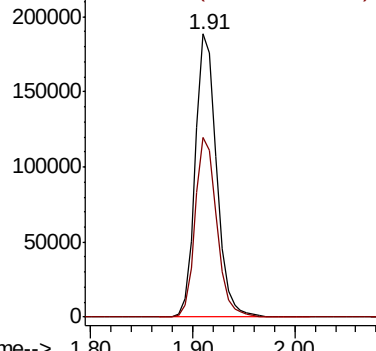
Trichlorofluoromethane
Concen: 47.587 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016035.D
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Instrument :
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ClientSampleId :
ICVVX050420

Tot Ion:101 Resp: 272668
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6



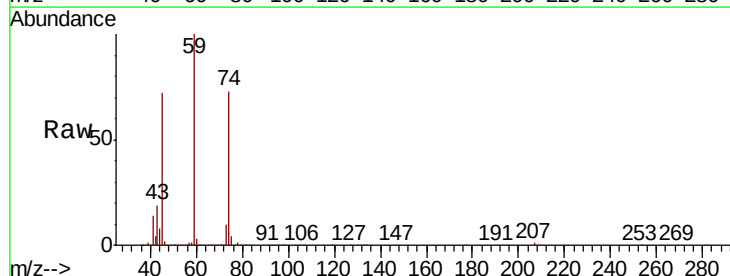
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



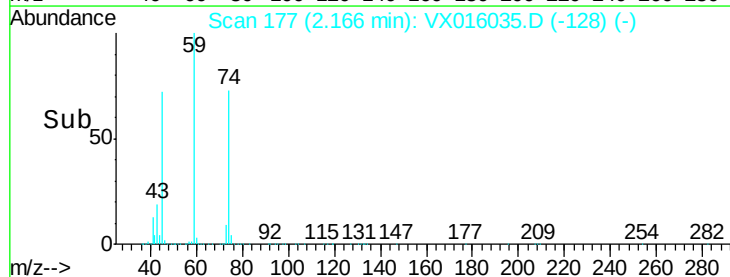
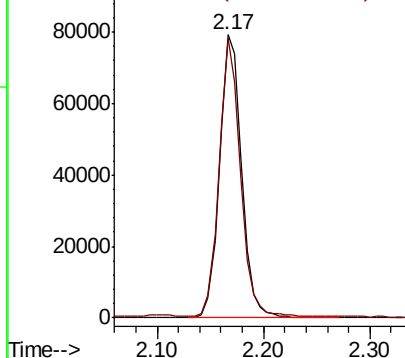
#8

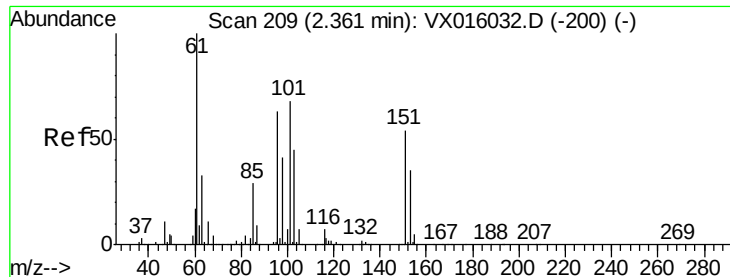
Diethyl Ether
Concen: 47.462 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 74 Resp: 114585
Ion Ratio Lower Upper
74 100
45 95.1 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.760 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016035.D

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Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

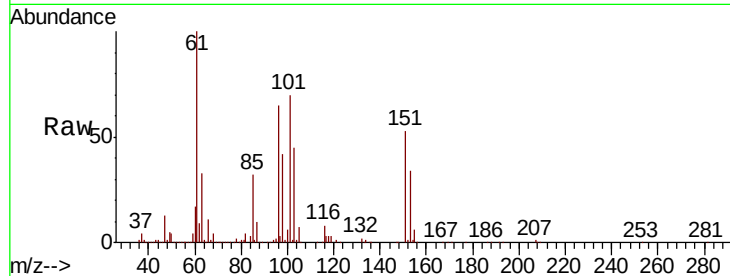
Tot Ion:101 Resp: 154578

Ion Ratio Lower Upper

101 100

85 44.1 34.2 51.4

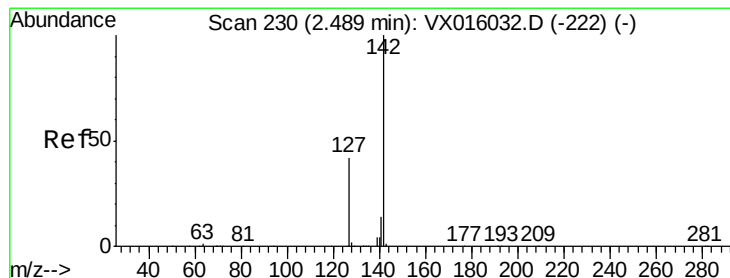
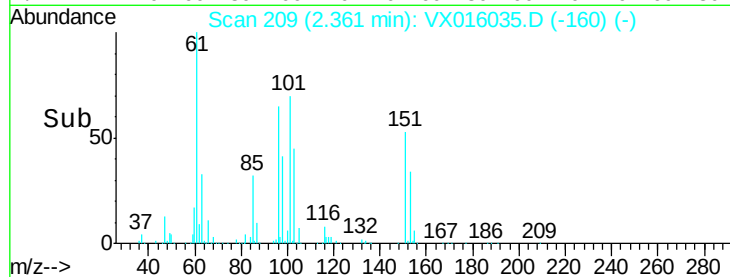
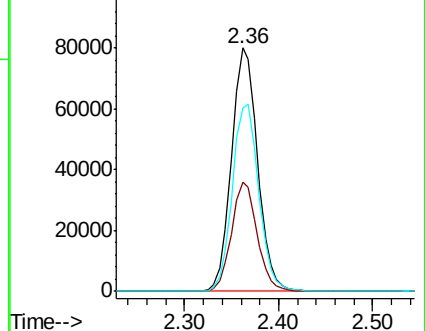
151 77.9 62.1 93.1



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: 46.773 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

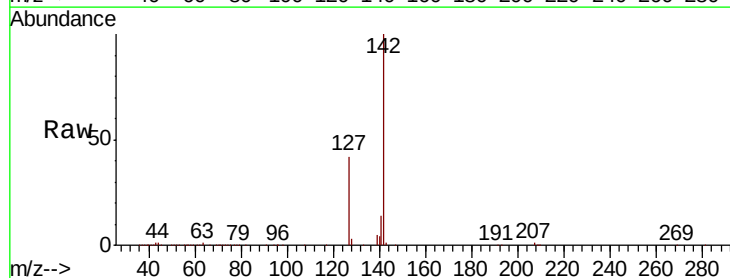
Tgt Ion:142 Resp: 207694

Ion Ratio Lower Upper

142 100

127 43.0 34.6 52.0

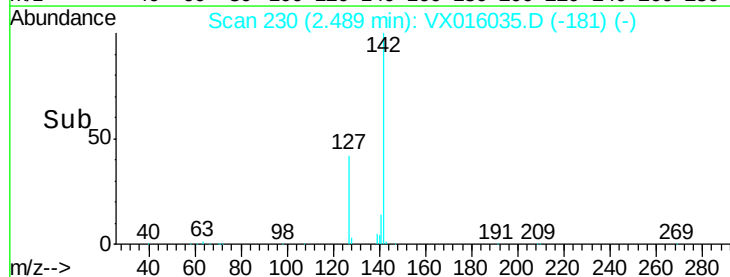
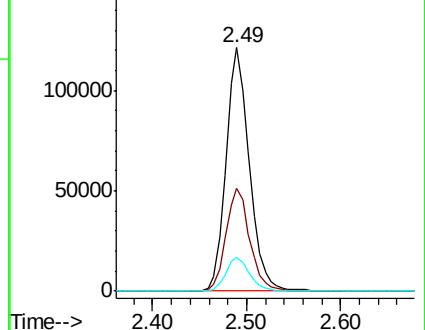
141 14.1 11.3 16.9

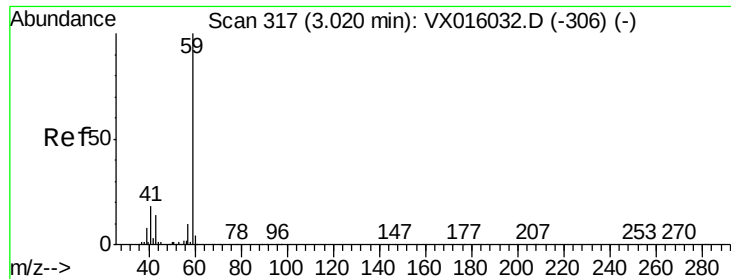


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

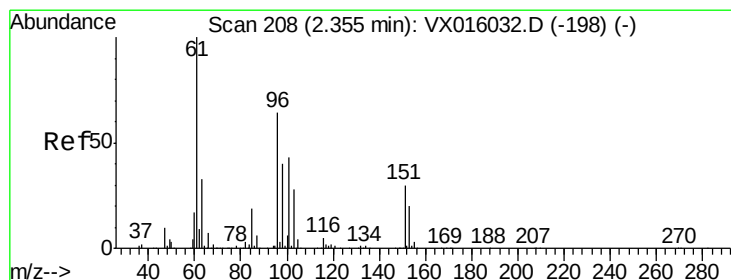
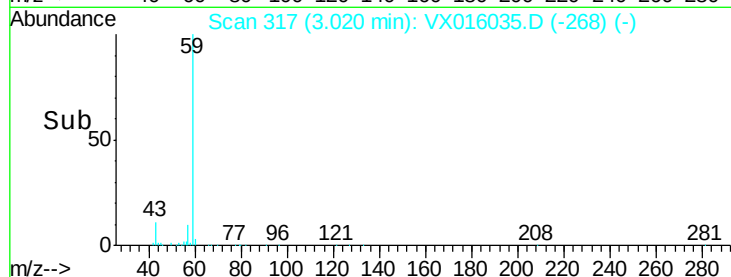
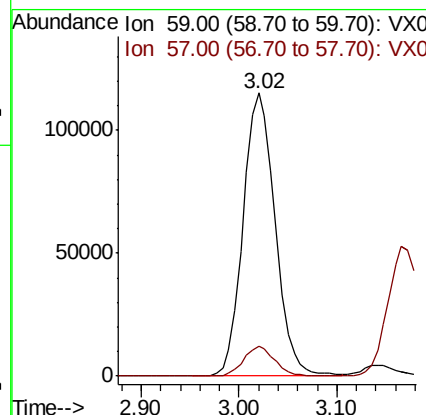
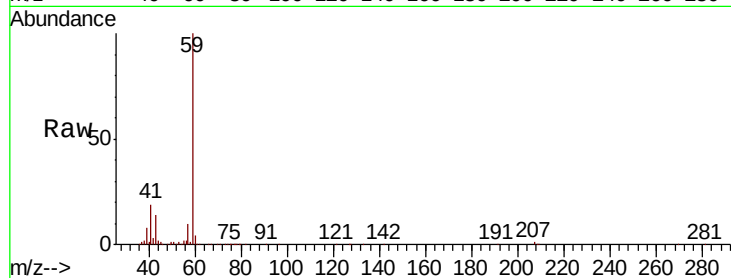




#11
Tert butyl alcohol
Concen: 236.279 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

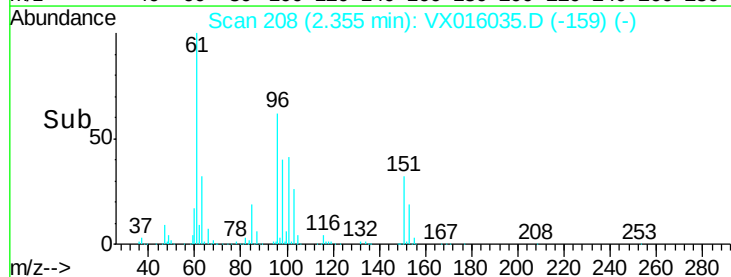
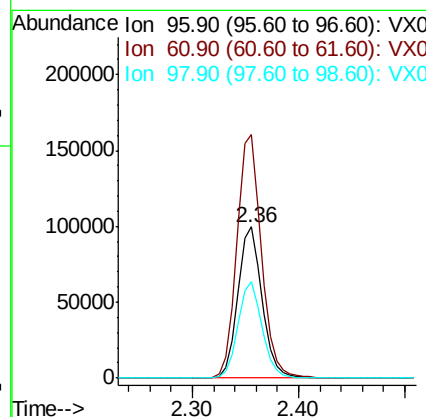
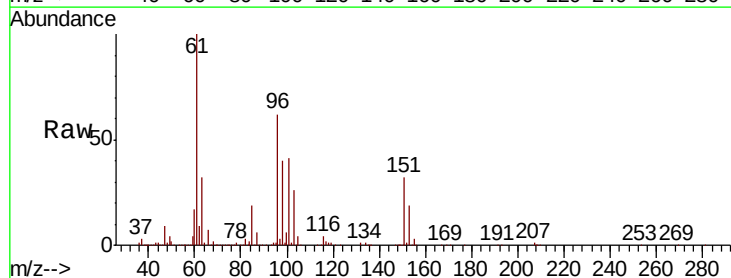
Instrument :
MSVOA_X
ClientSampled :
ICVVX050420

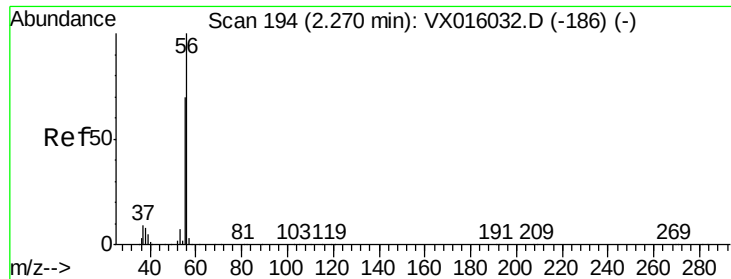
Tot Ion: 59 Resp: 261651
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.873 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 96 Resp: 158692
Ion Ratio Lower Upper
96 100
61 161.0 124.8 187.2
98 63.7 49.7 74.5

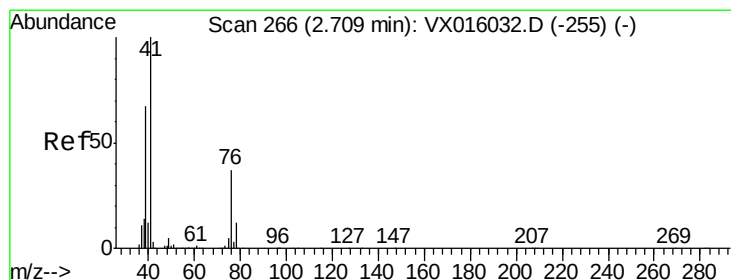
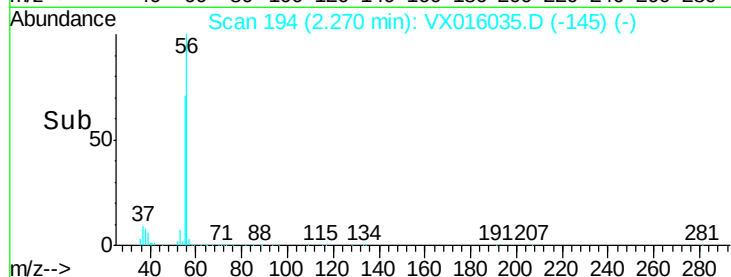
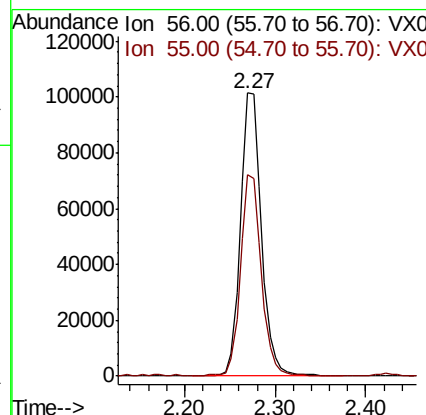
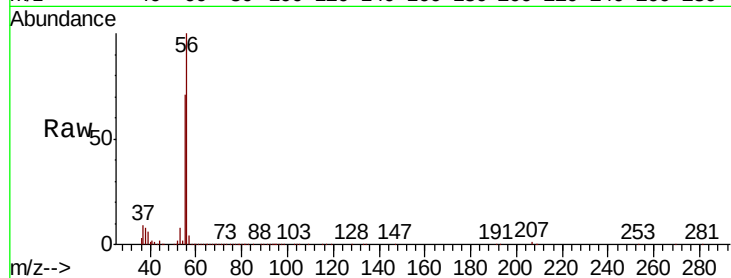




#13
Acrolein
Concen: 231.492 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

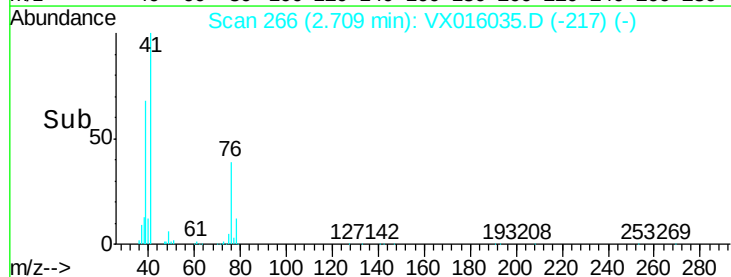
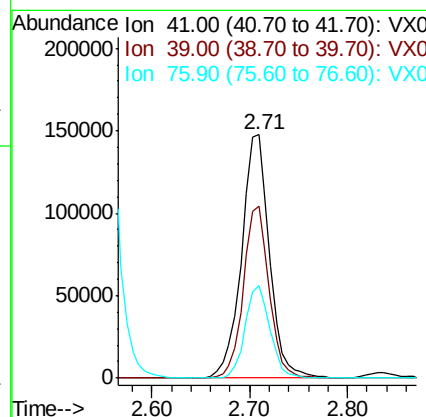
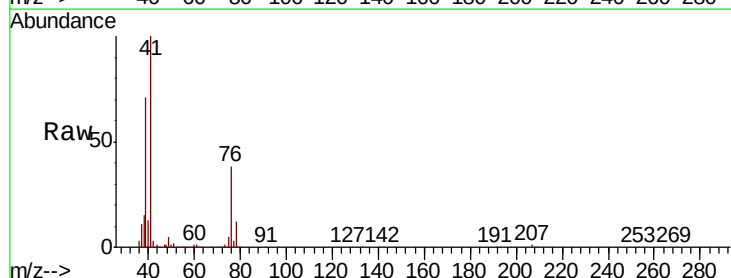
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

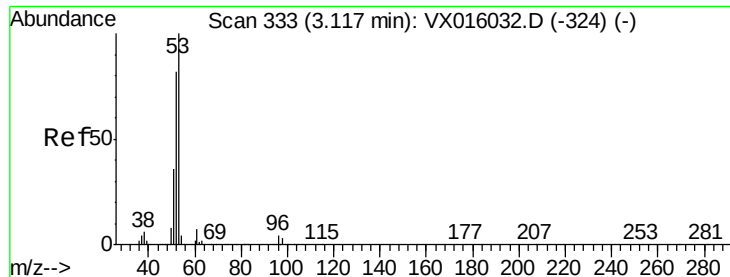
Tot Ion: 56 Resp: 160415
Ion Ratio Lower Upper
56 100
55 70.5 56.5 84.7



#14
Allyl chloride
Concen: 45.941 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 41 Resp: 291402
Ion Ratio Lower Upper
41 100
39 65.0 50.5 75.7
76 34.0 26.6 40.0





#15

Acrylonitrile

Concen: 227.769 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

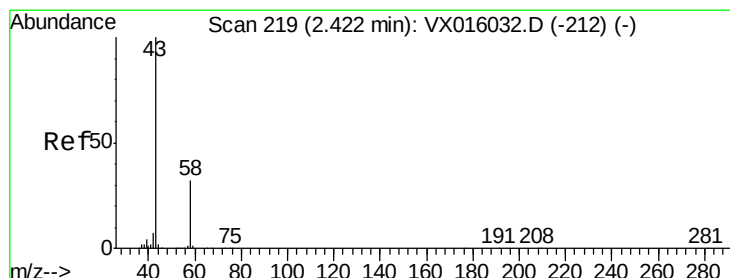
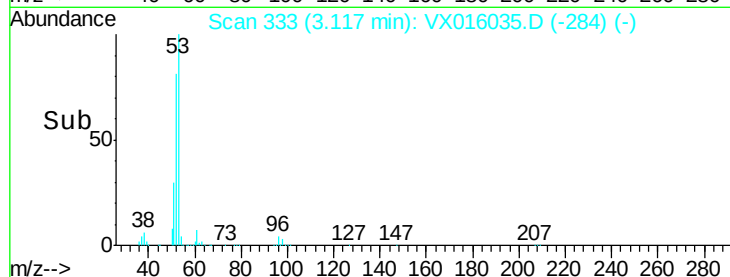
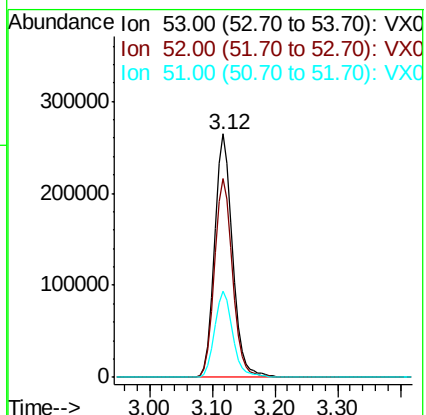
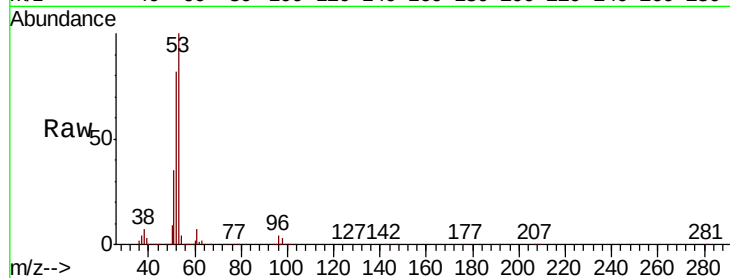
Tot Ion: 53 Resp: 523246

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

51 35.8 28.8 43.2



#16

Acetone

Concen: 230.352 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016035.D

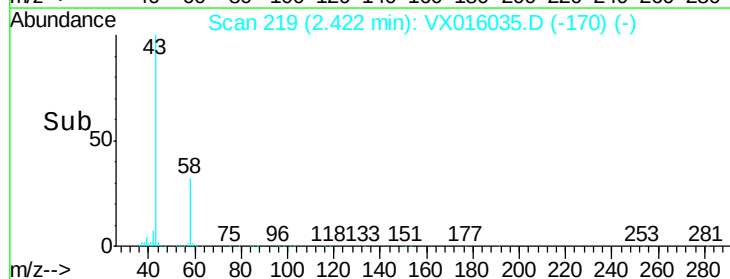
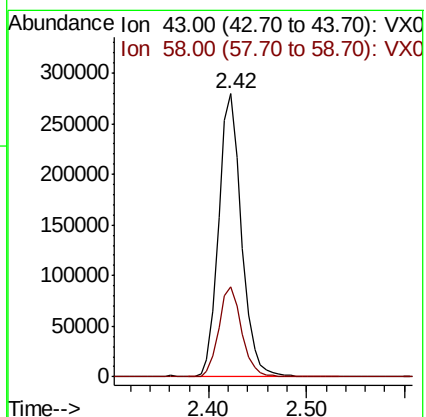
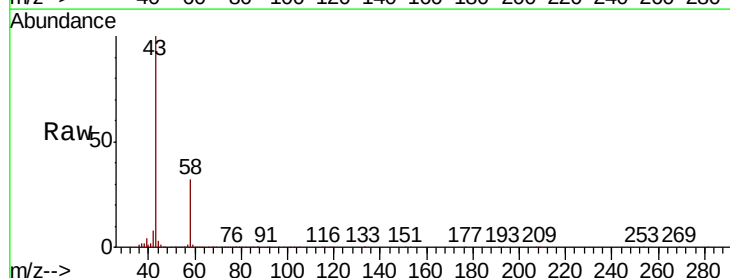
Acq: 04 May 2020 14:39

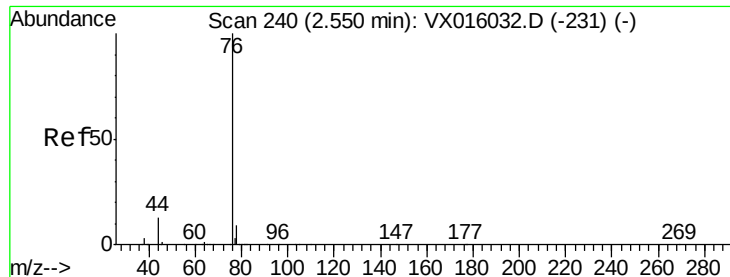
Tgt Ion: 43 Resp: 450095

Ion Ratio Lower Upper

43 100

58 31.8 25.4 38.0





#17

Carbon Disulfide

Concen: 46.988 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

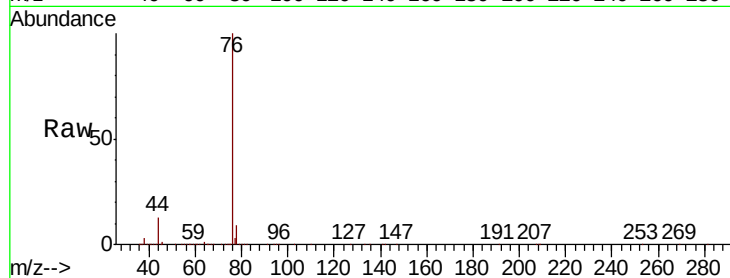
ICVVX050420

Tot Ion: 76 Resp: 488275

Ion Ratio Lower Upper

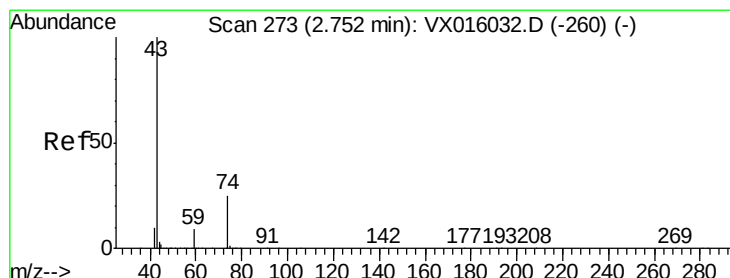
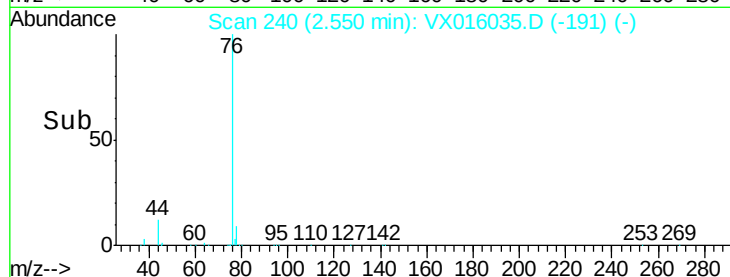
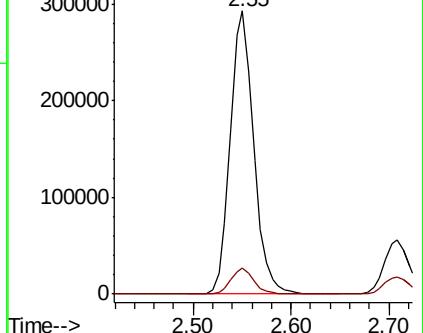
76 100

78 9.2 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: 45.571 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016035.D

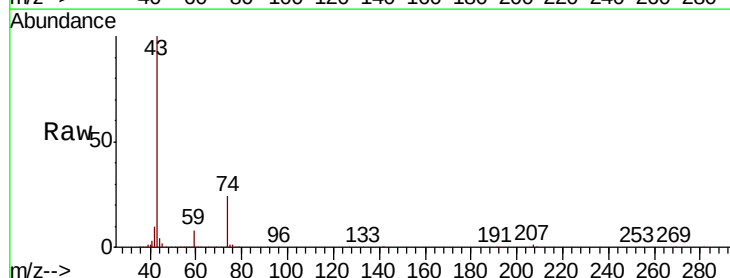
Acq: 04 May 2020 14:39

Tgt Ion: 43 Resp: 218938

Ion Ratio Lower Upper

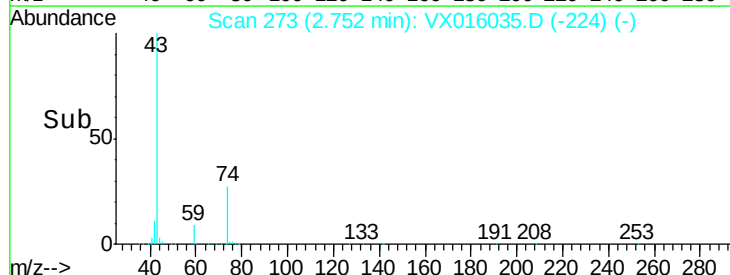
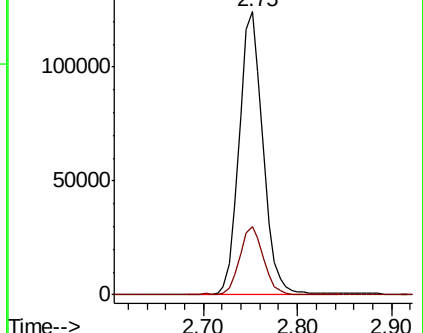
43 100

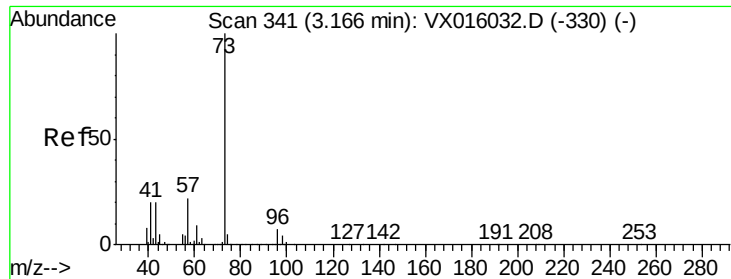
74 24.8 20.2 30.2



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: 47.160 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

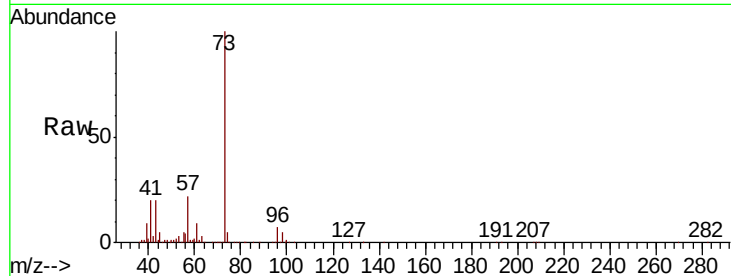
ICVVX050420

Tot Ion: 73 Resp: 562409

Ion Ratio Lower Upper

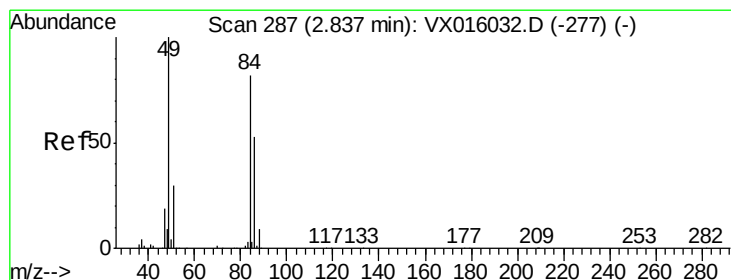
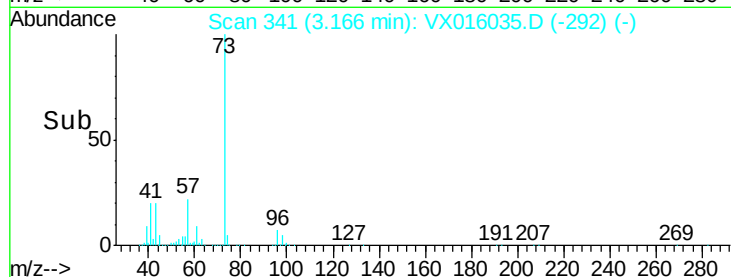
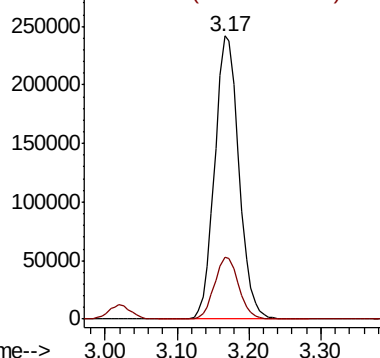
73 100

57 21.7 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 43.799 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion: 84 Resp: 176425

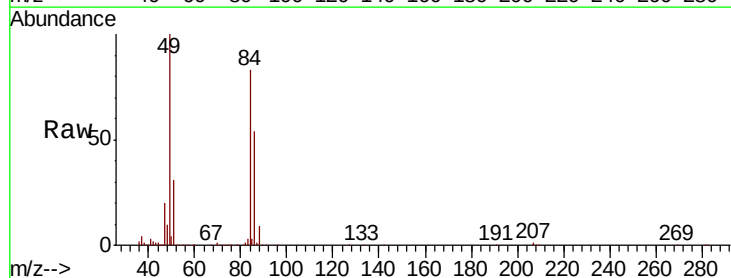
Ion Ratio Lower Upper

84 100

49 120.3 97.3 145.9

51 37.3 29.3 43.9

86 64.8 51.3 76.9

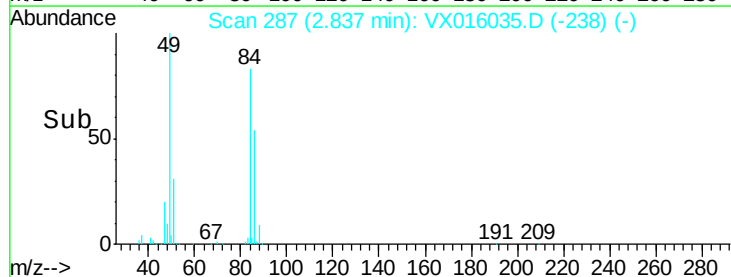
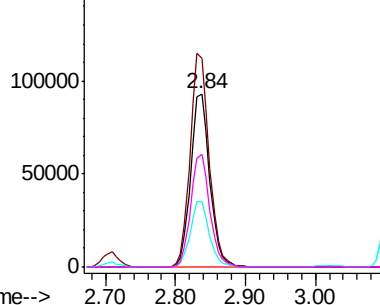


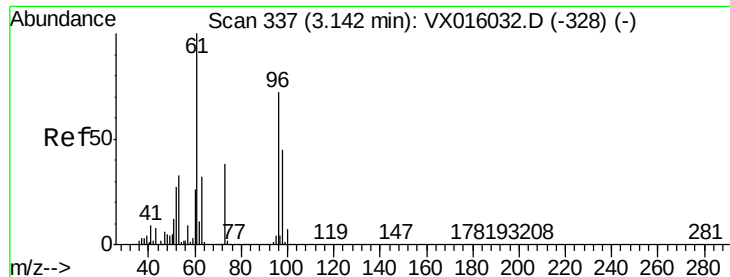
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 44.916 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

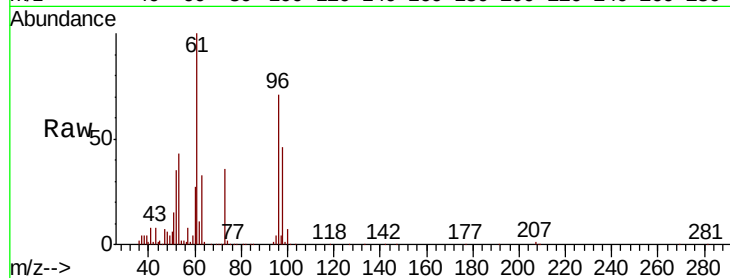
Tot Ion: 96 Resp: 173152

Ion Ratio Lower Upper

96 100

61 141.7 111.2 166.8

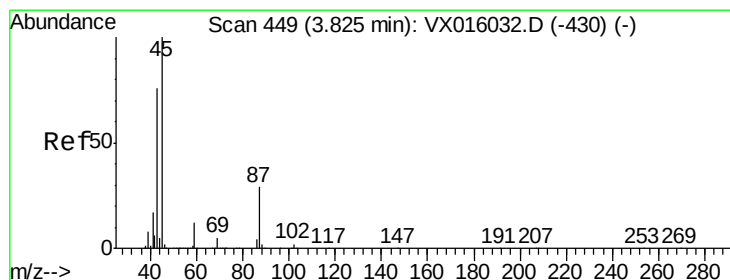
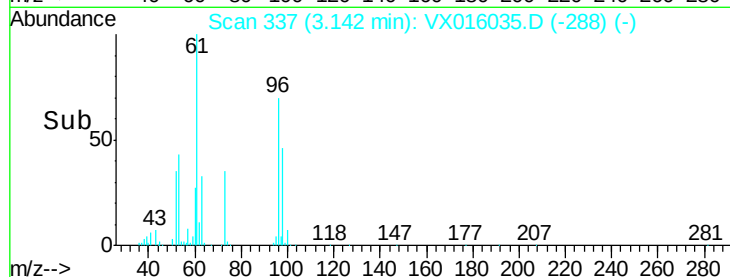
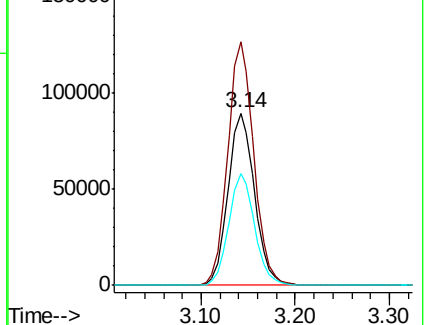
98 64.9 50.2 75.4



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: 46.343 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion: 45 Resp: 554559

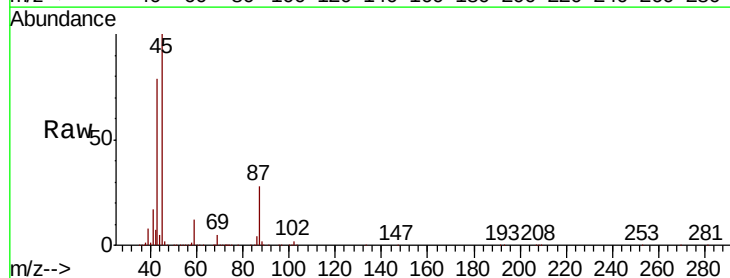
Ion Ratio Lower Upper

45 100

43 78.2 61.1 91.7

87 27.7 23.0 34.6

59 11.8 9.8 14.6

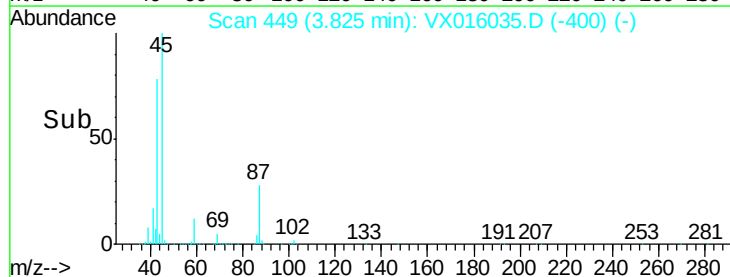
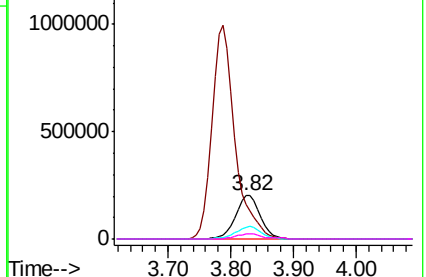


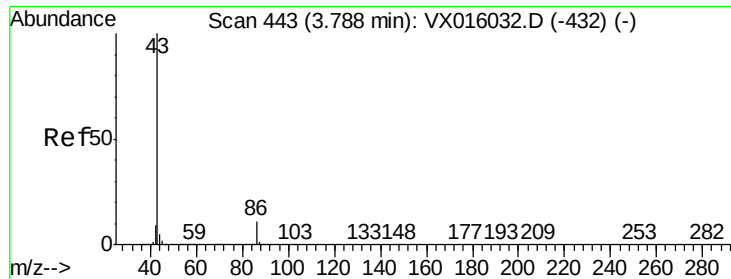
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 239.580 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

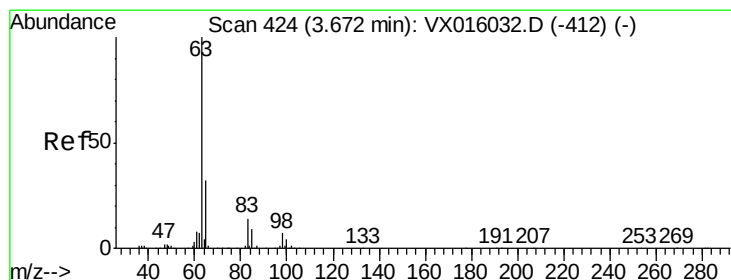
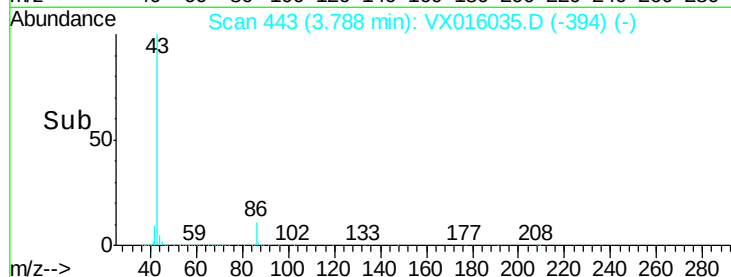
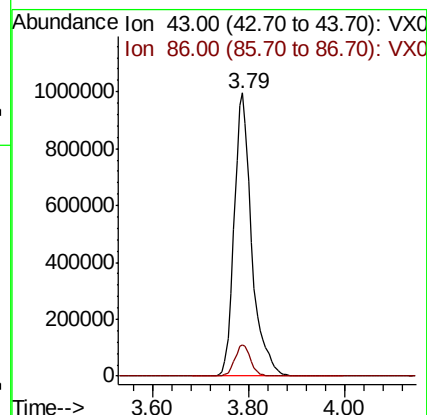
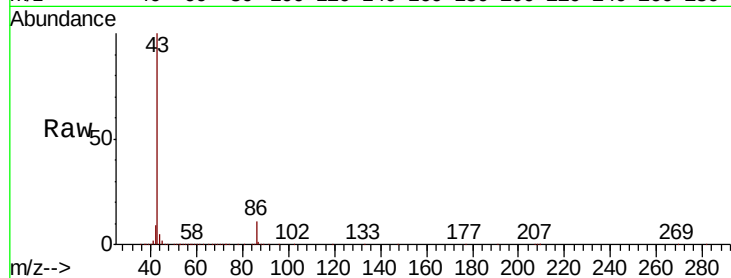
ICVVX050420

Tot Ion: 43 Resp: 2522258

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 46.513 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

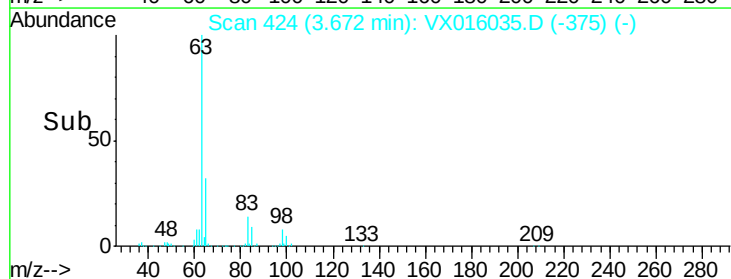
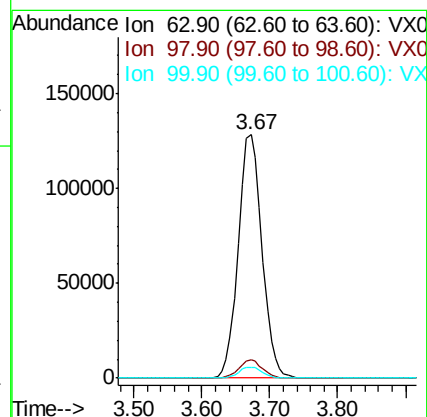
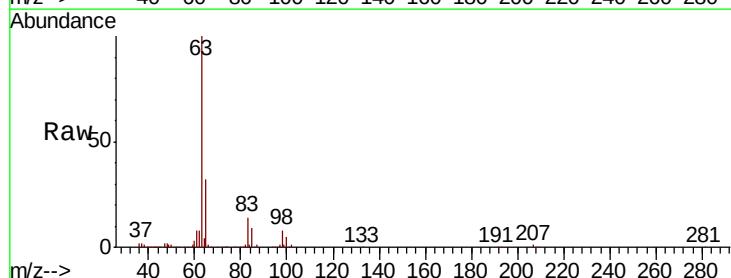
Tgt Ion: 63 Resp: 311355

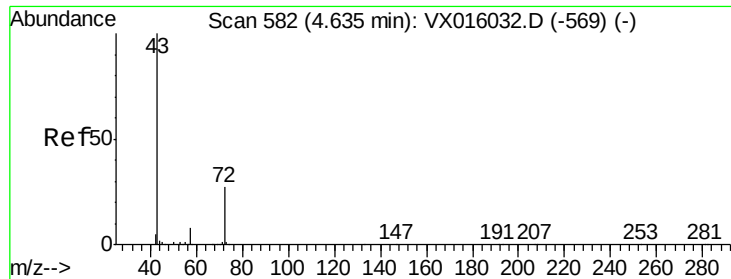
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 4.6 2.1 6.5

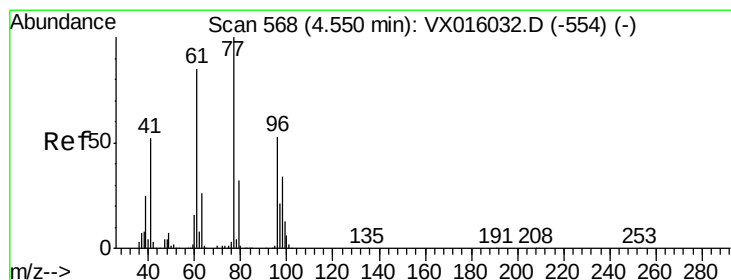
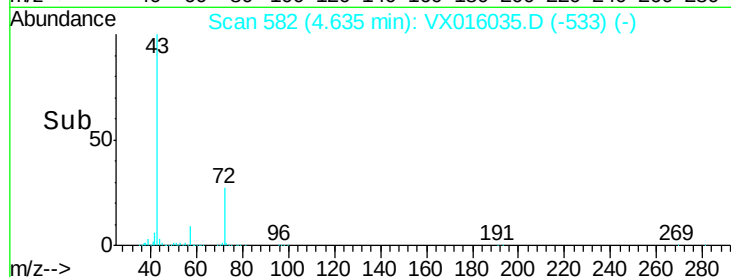
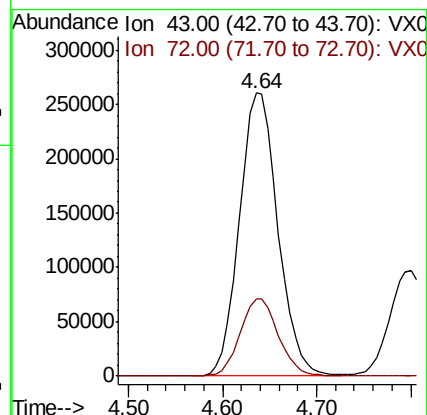
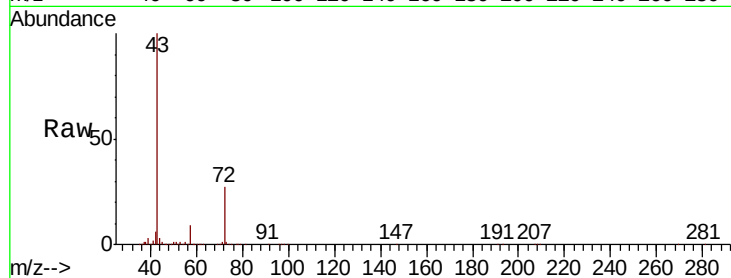




#25
2-Butanone
Concen: 235.244 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

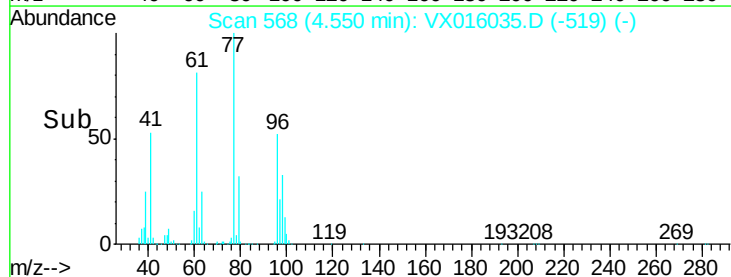
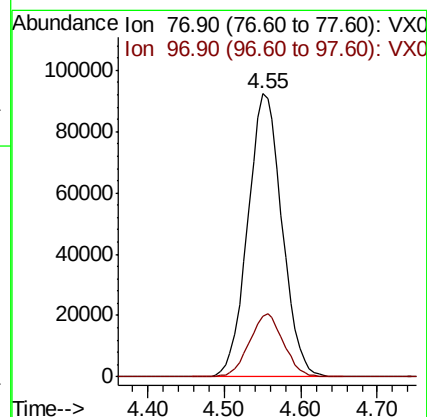
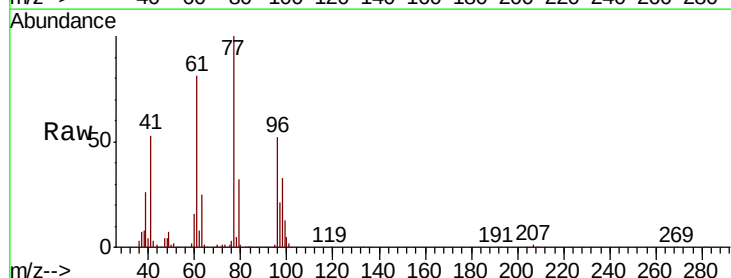
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

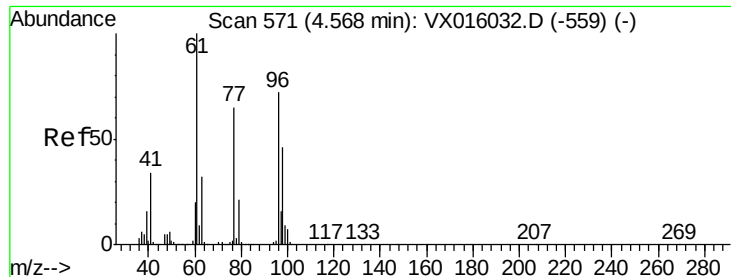
Tot Ion: 43 Resp: 740690
Ion Ratio Lower Upper
43 100
72 27.1 21.8 32.8



#26
2,2-Dichloropropane
Concen: 47.026 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 77 Resp: 287482
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6



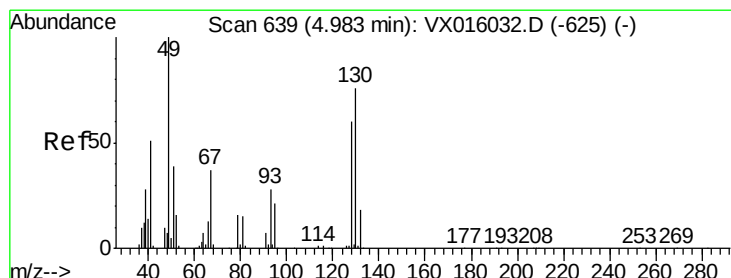
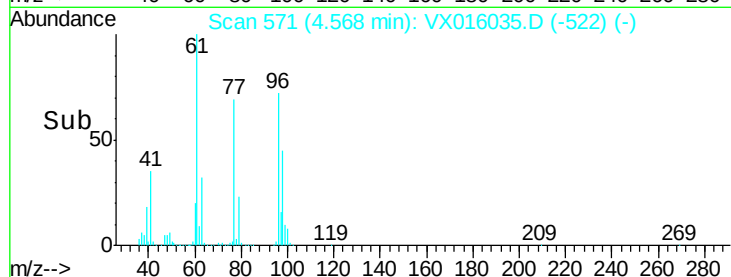
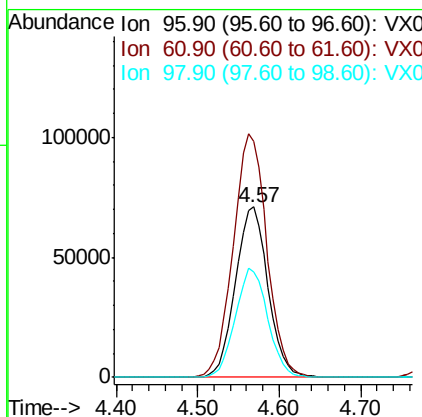
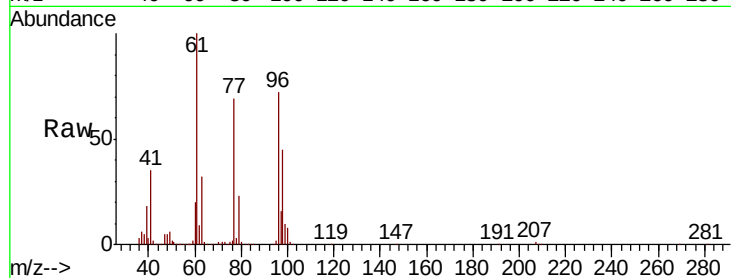


#27

cis-1,2-Dichloroethene
 Concen: 46.436 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

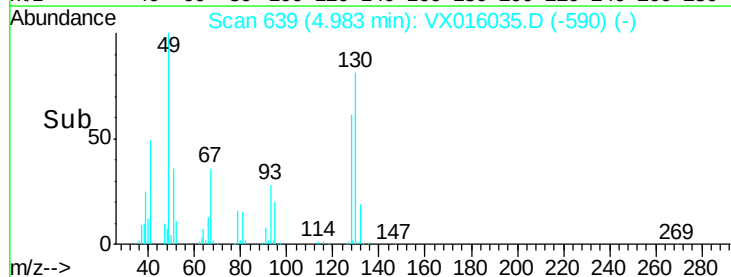
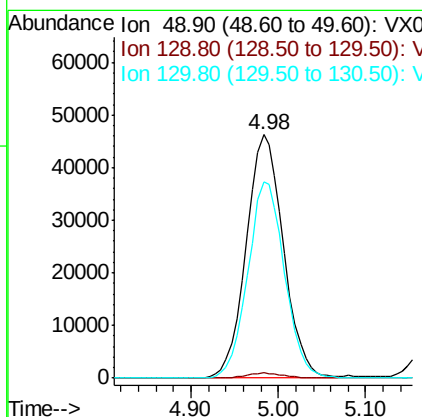
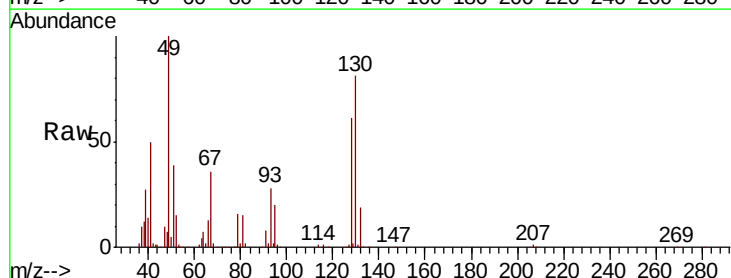
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	296.2
98	64.0	0.0	129.4

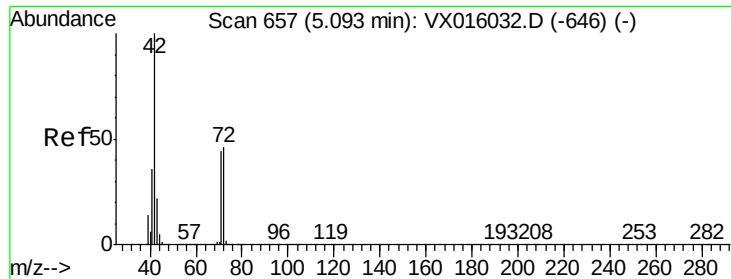


#28

Bromochloromethane
 Concen: 44.819 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.8	62.4	93.6

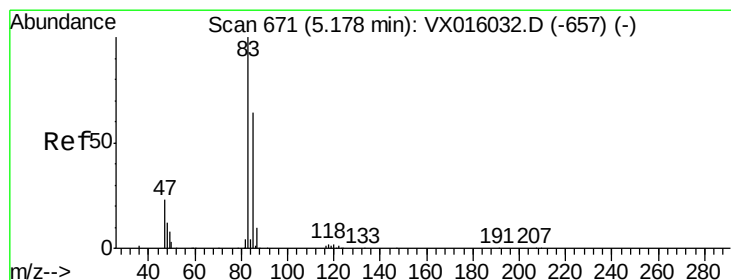
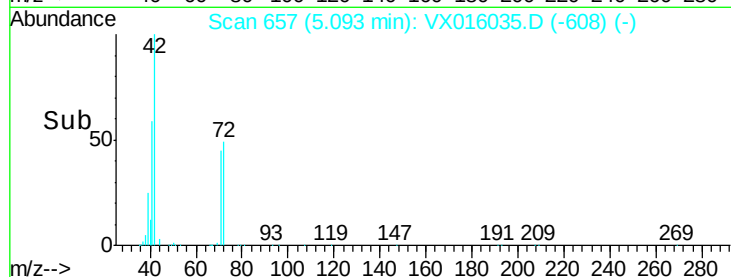
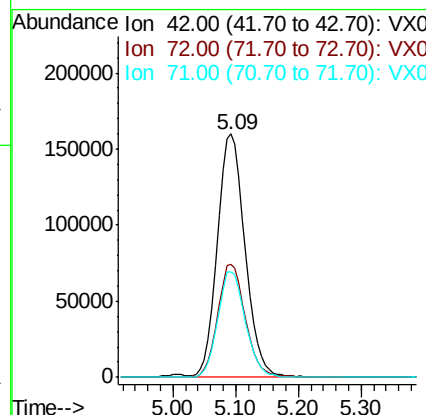
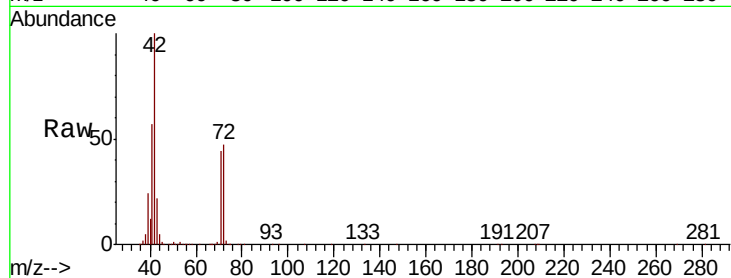




#29
Tetrahydrofuran
Concen: 233.388 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

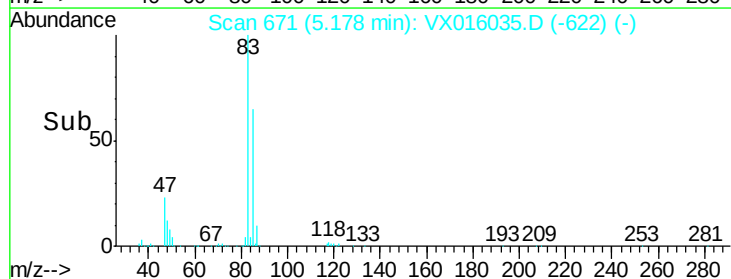
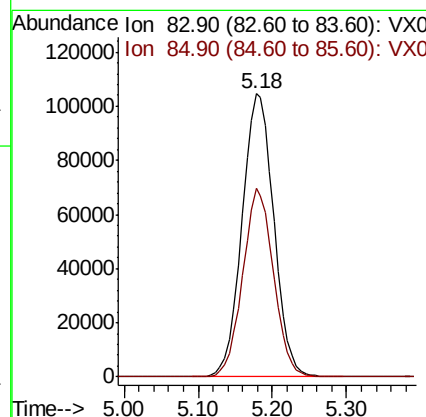
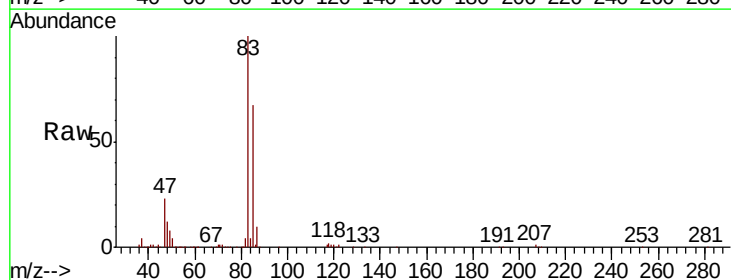
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

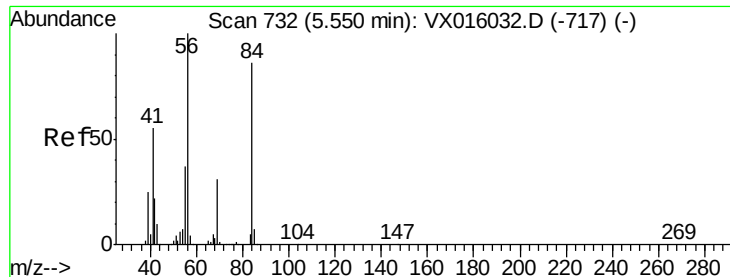
Tot Ion: 42 Resp: 486910
Ion Ratio Lower Upper
42 100
72 46.7 37.1 55.7
71 43.7 34.5 51.7



#30
Chloroform
Concen: 46.873 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 83 Resp: 312403
Ion Ratio Lower Upper
83 100
85 66.7 51.6 77.4

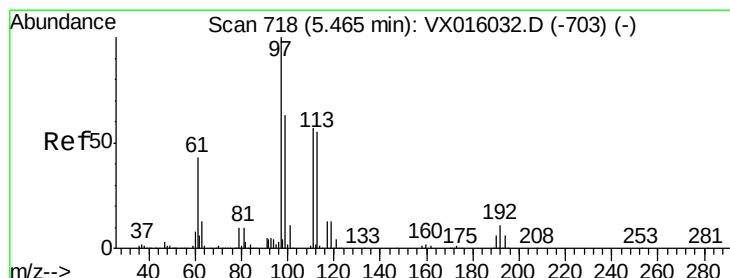
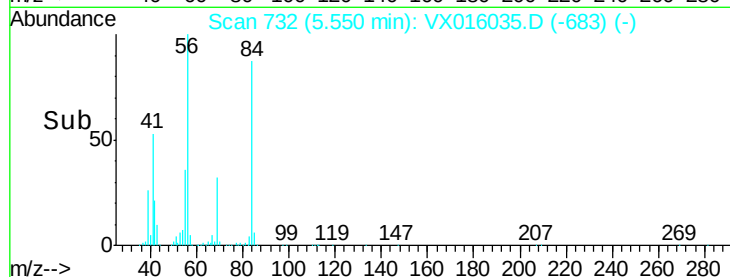
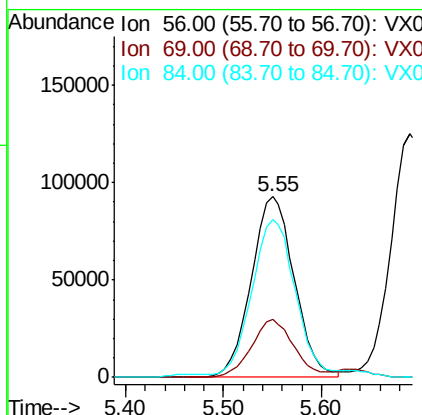
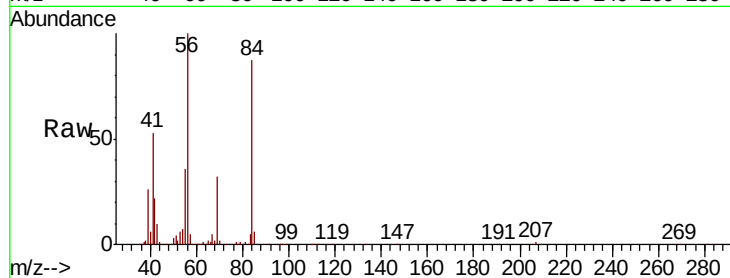




#31
Cyclohexane
Concen: 46.828 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

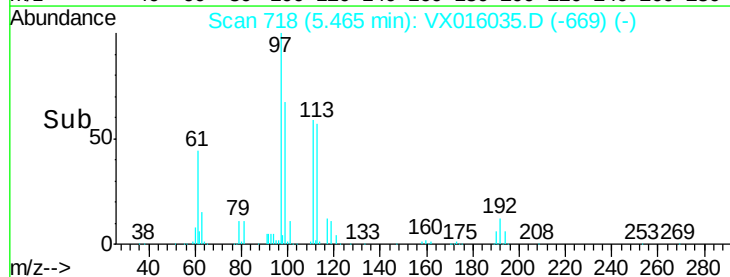
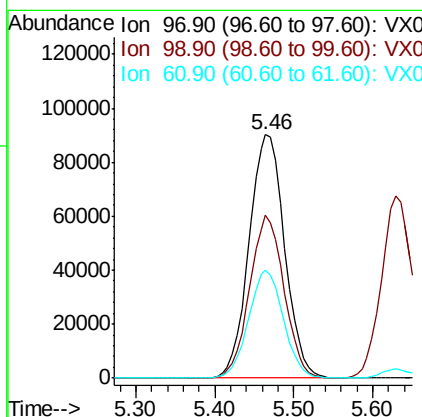
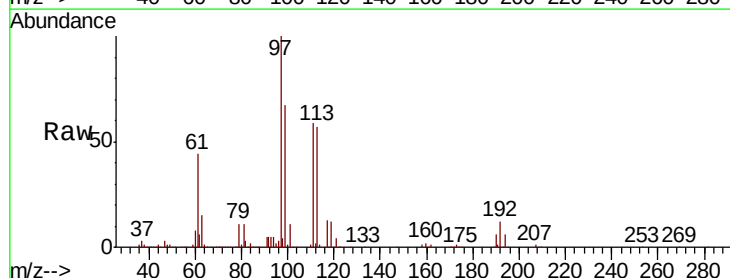
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

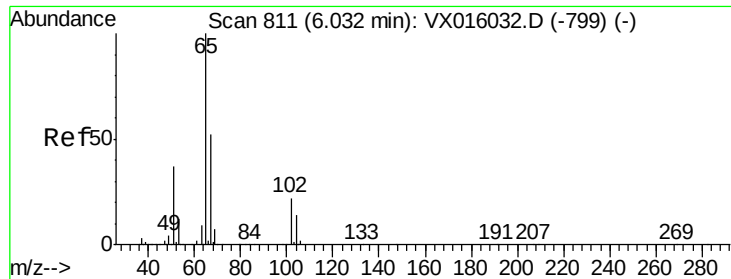
Tot Ion: 56 Resp: 284880
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.6
84 85.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 46.599 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 97 Resp: 282311
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 43.7 34.5 51.7

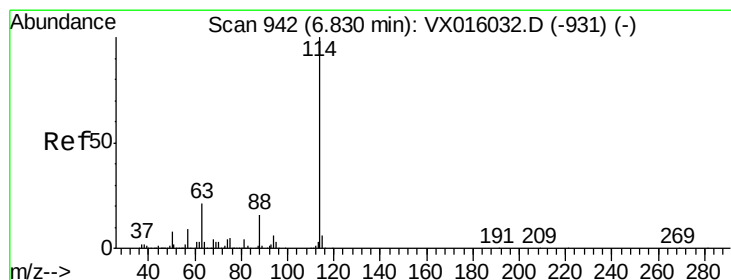
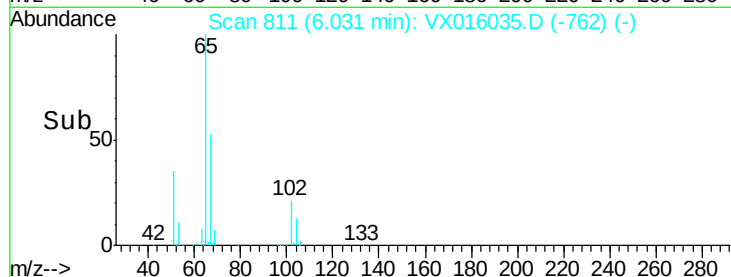
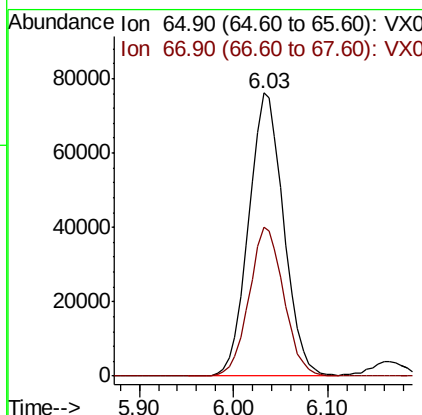
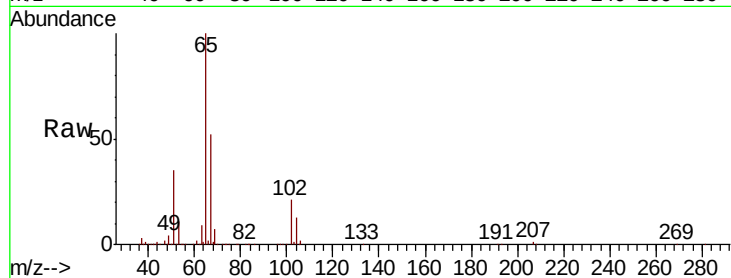




#33
 1,2-Dichloroethane-d4
 Concen: 45.367 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

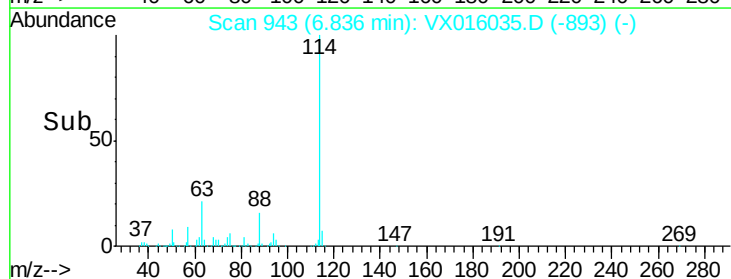
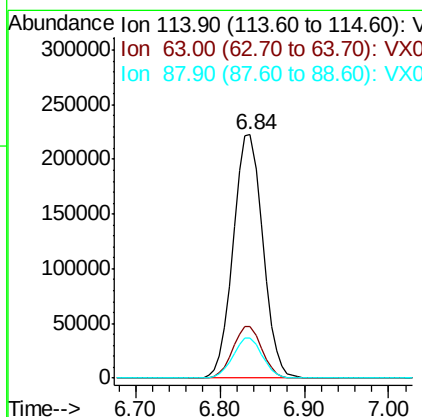
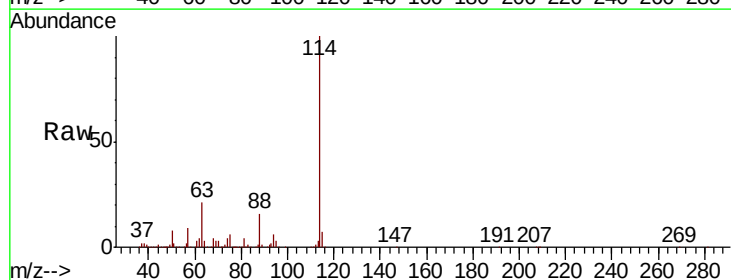
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

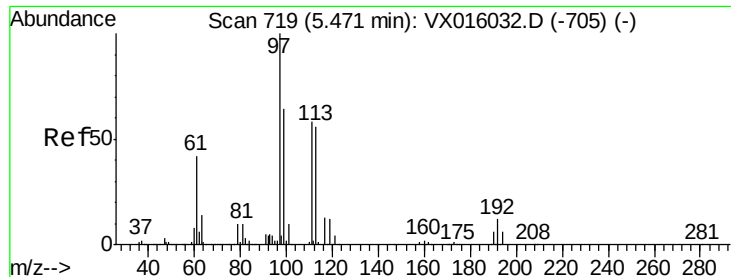
Tot Ion: 65 Resp: 198672
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion: 114 Resp: 529586
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.574 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

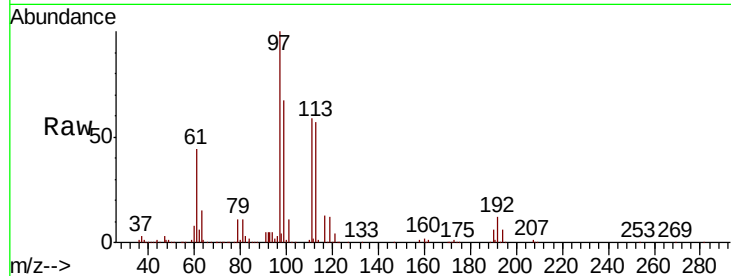
Tot Ion:113 Resp: 152908

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

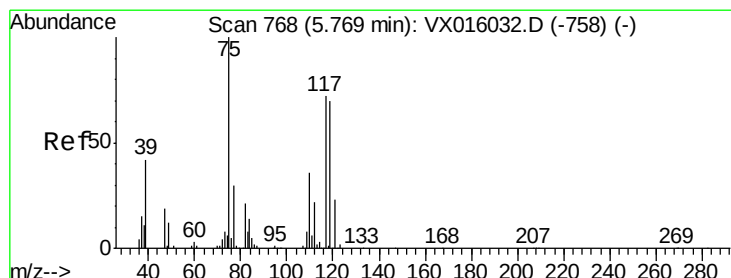
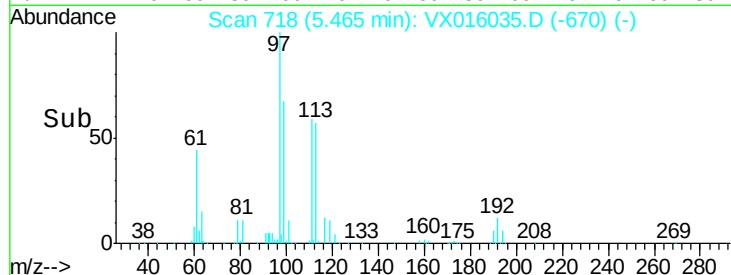
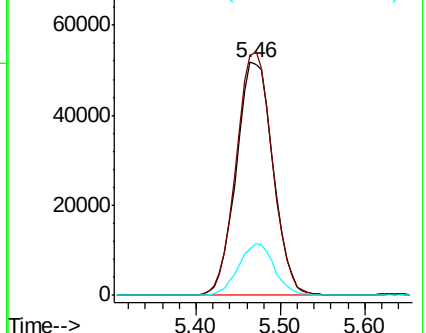
192 21.4 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.064 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

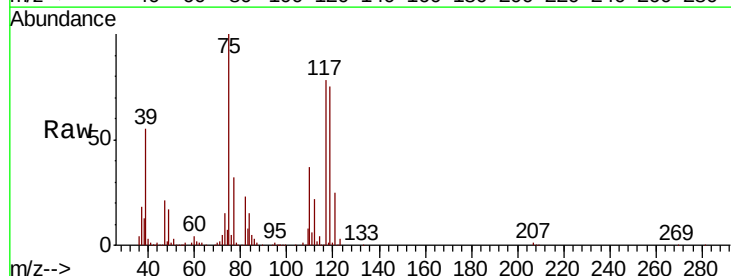
Tgt Ion: 75 Resp: 240136

Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.1

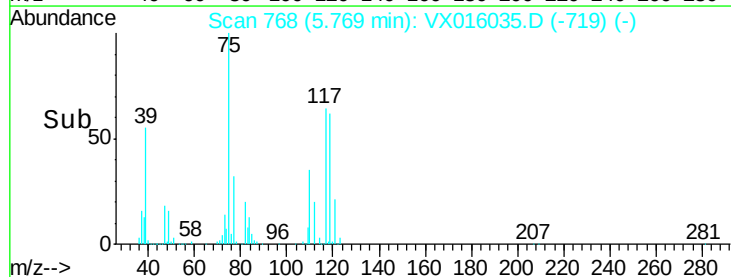
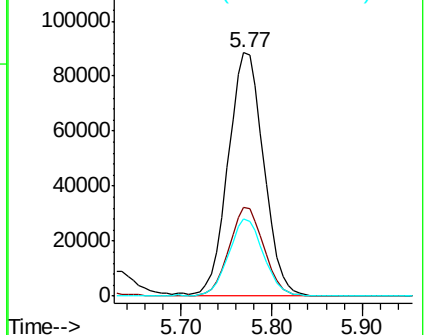
77 31.3 25.0 37.6

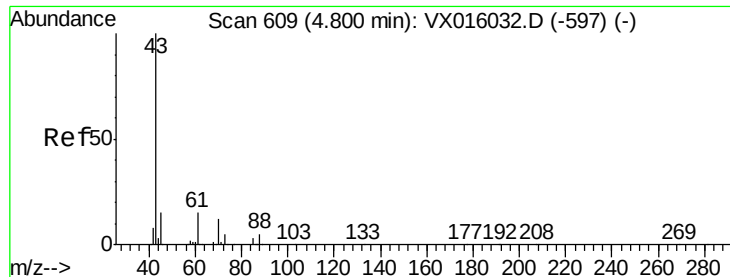


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

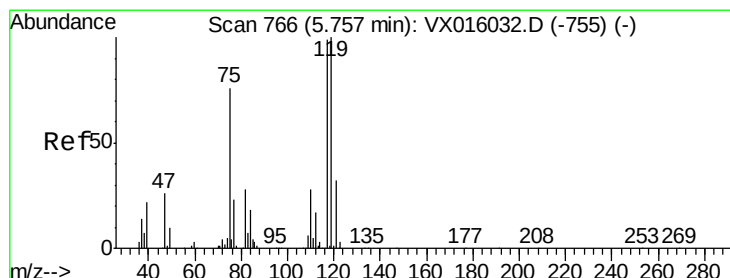
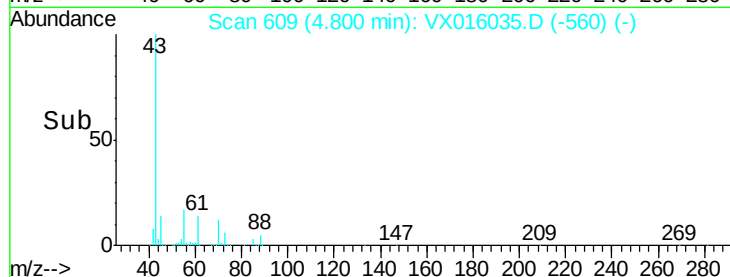
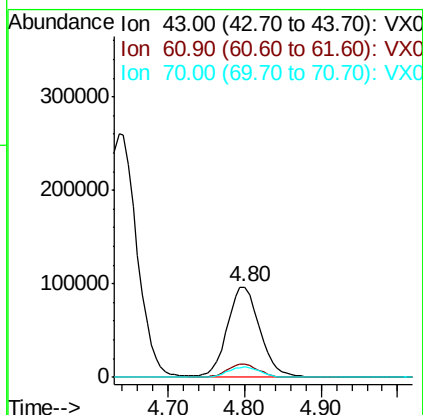
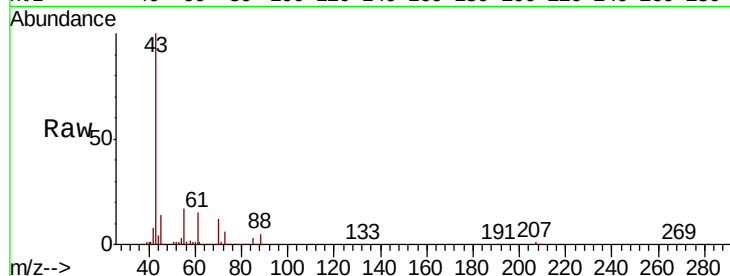




#37
Ethyl Acetate
Concen: 46.964 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

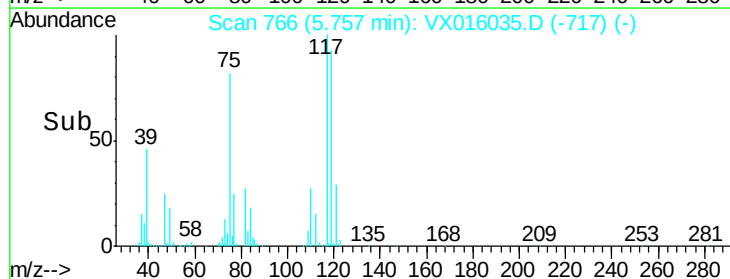
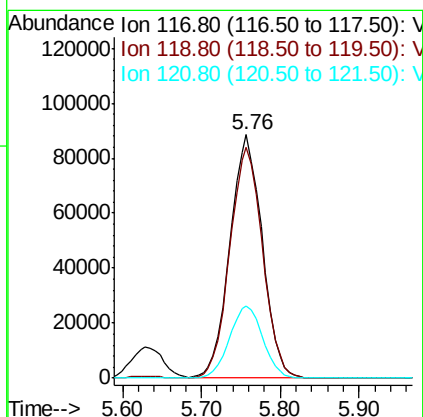
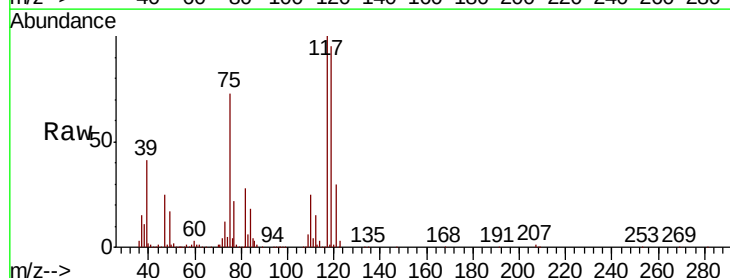
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

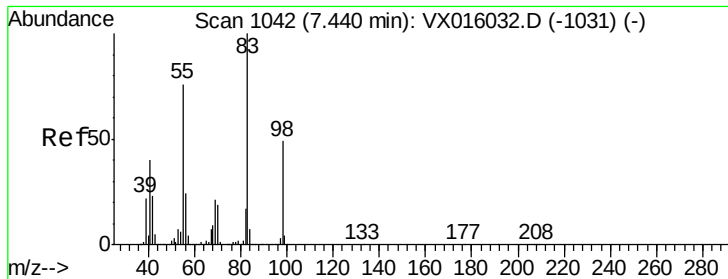
Tot Ion	43	Resp	283757
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.7	17.5
70	11.6	9.3	13.9



#38
Carbon Tetrachloride
Concen: 47.504 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	117	Resp	251707
Ion Ratio	Lower	Upper	
117	100		
119	94.6	80.3	120.5
121	29.8	25.7	38.5

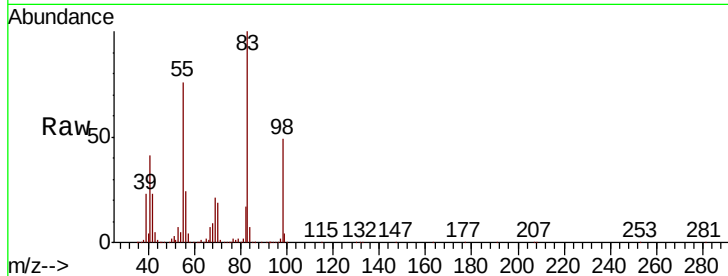




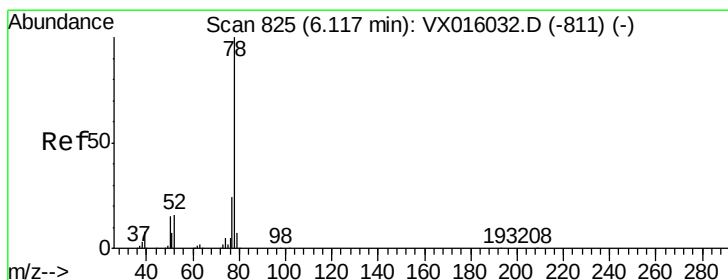
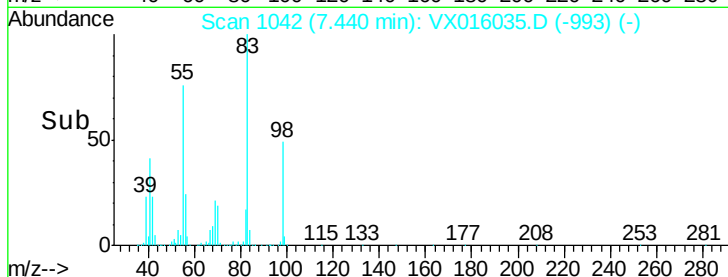
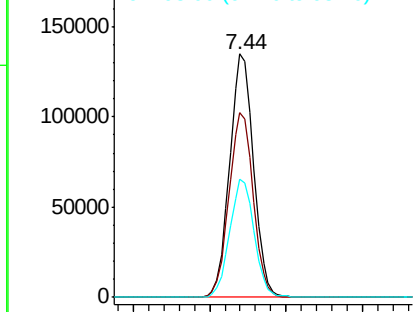
#39
Methylvlcyclohexane
Concen: 46.508 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion: 83 Resp: 291975
Ion Ratio Lower Upper
83 100
55 76.0 61.1 91.7
98 48.7 39.0 58.4

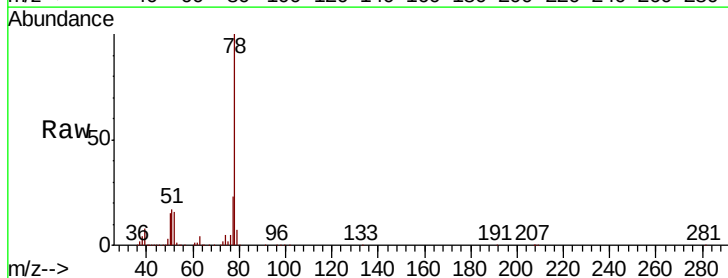


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

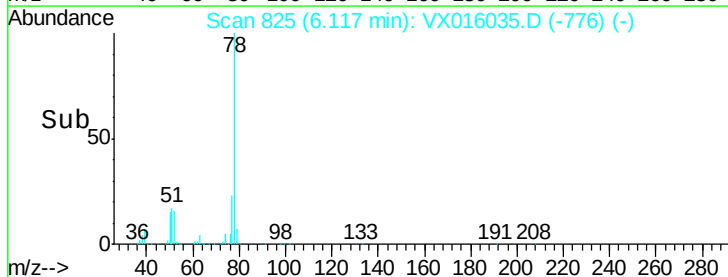
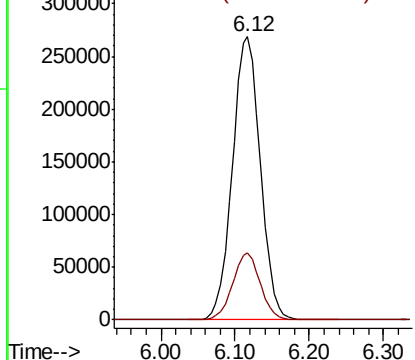


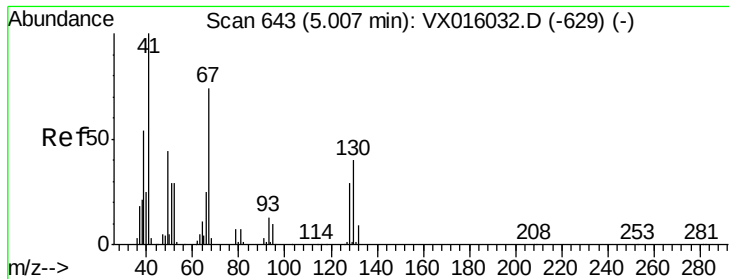
#40
Benzene
Concen: 46.291 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 78 Resp: 706078
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

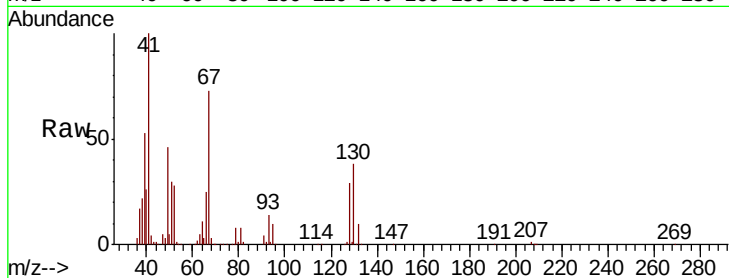




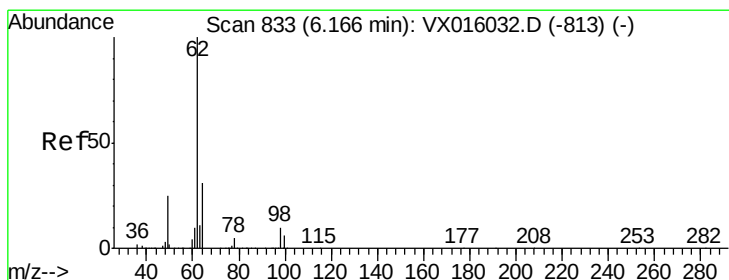
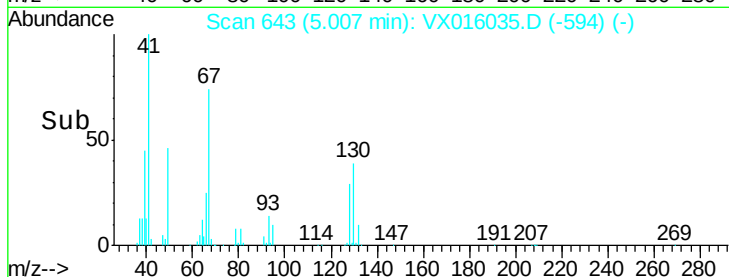
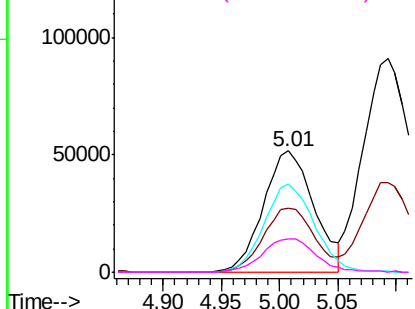
#41
Methacrylonitrile
Concen: 47.424 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion:	41	Resp:	154744
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	72.9	59.3	88.9
52	30.2	23.5	35.3

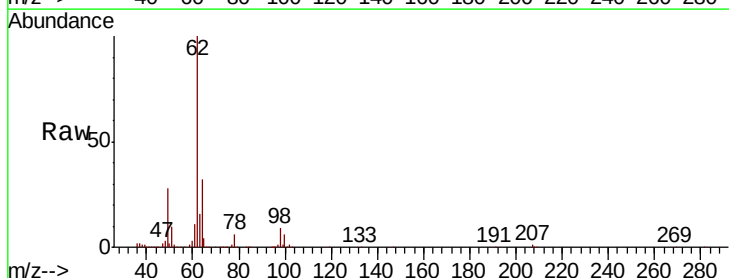


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

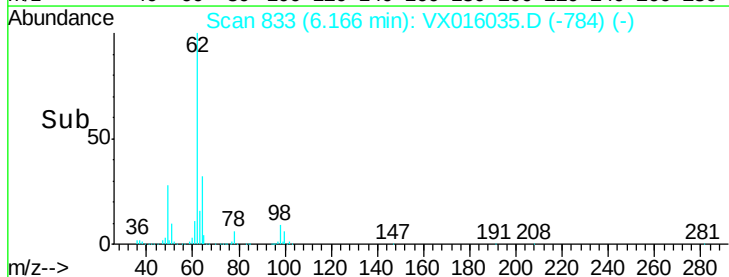
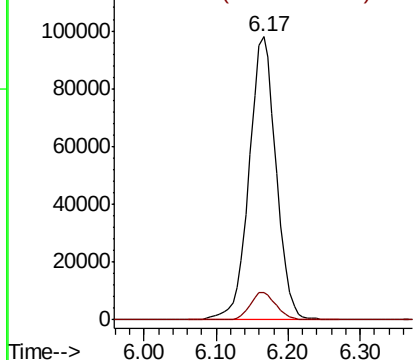


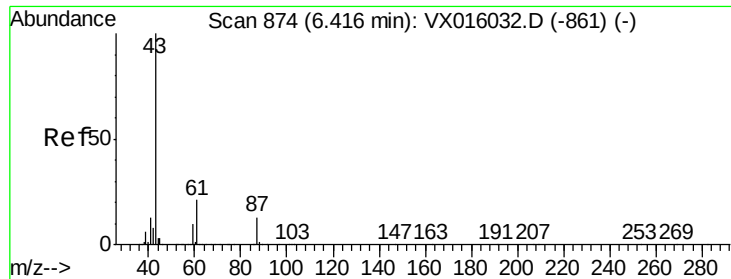
#42
1,2-Dichloroethane
Concen: 46.421 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion:	62	Resp:	255070
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.346 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

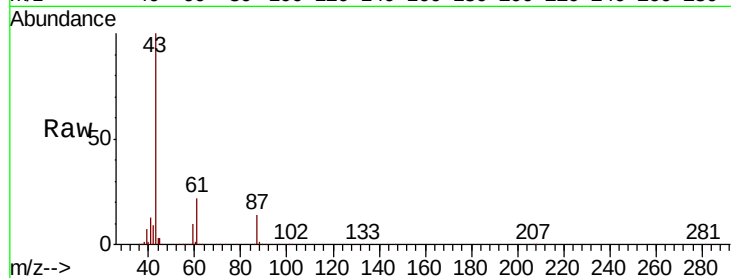
Tot Ion: 43 Resp: 456429

Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

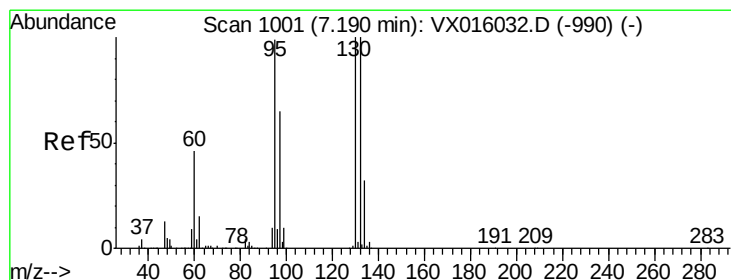
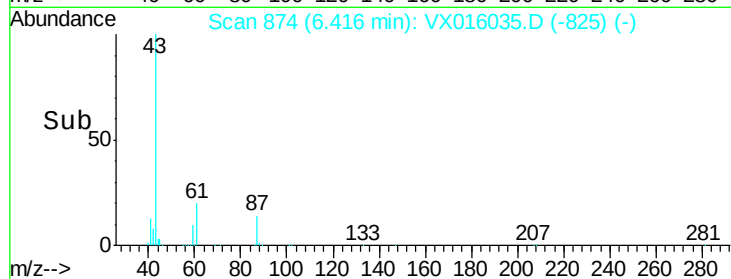
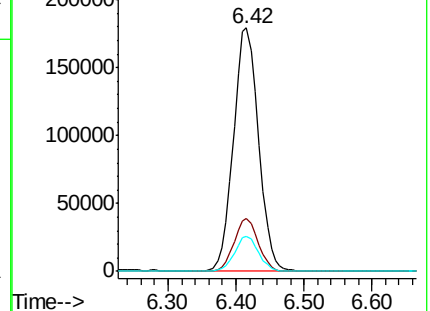
87 13.8 11.0 16.6



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: 43.793 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016035.D

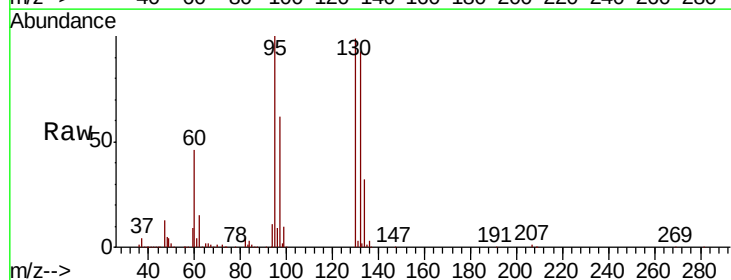
Acq: 04 May 2020 14:39

Tgt Ion:130 Resp: 237307

Ion Ratio Lower Upper

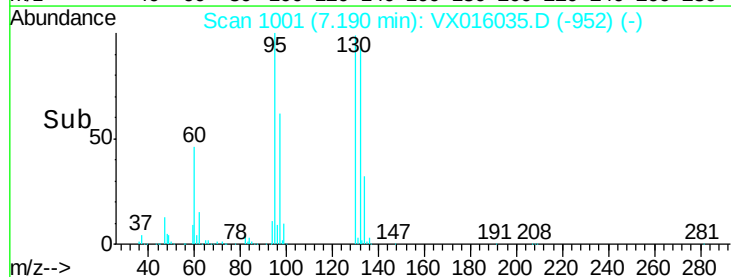
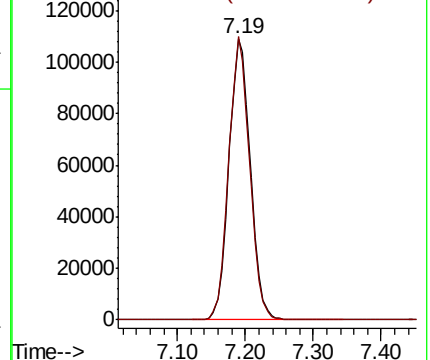
130 100

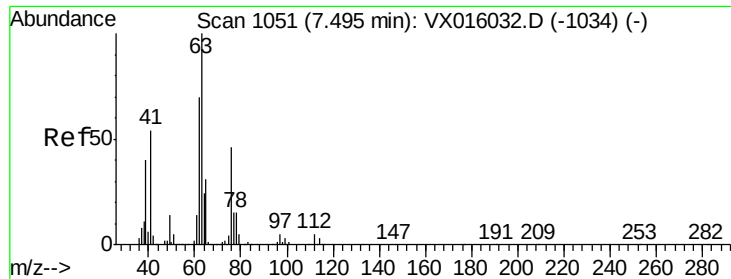
95 100.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.700 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

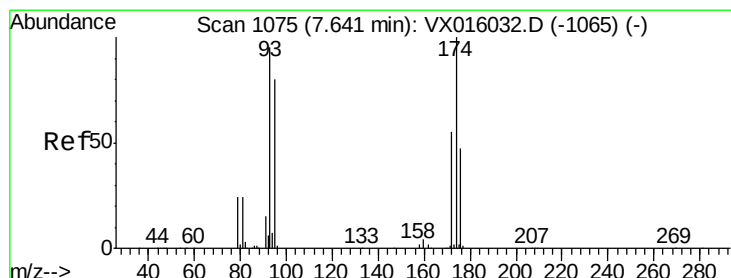
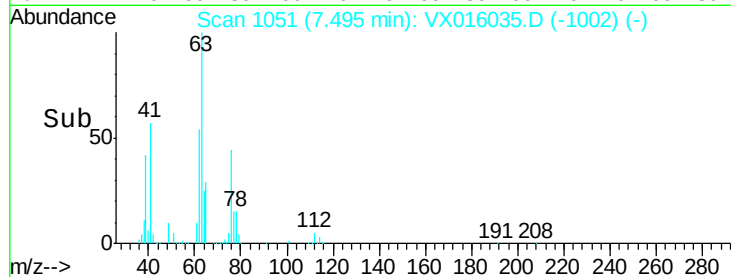
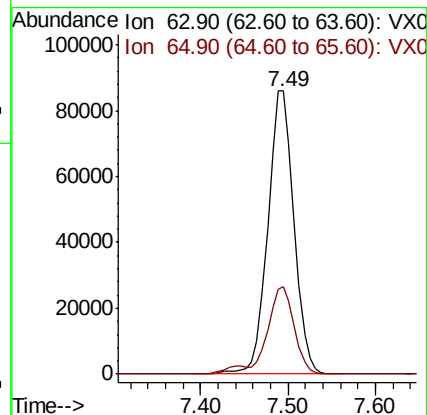
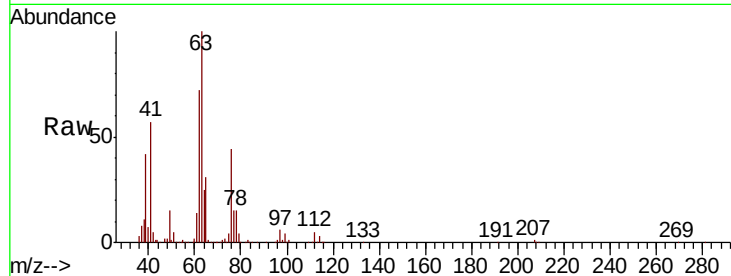
ICVVX050420

Tot Ion: 63 Resp: 180240

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 46.403 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

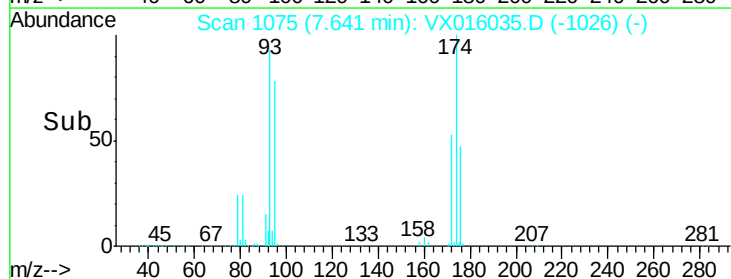
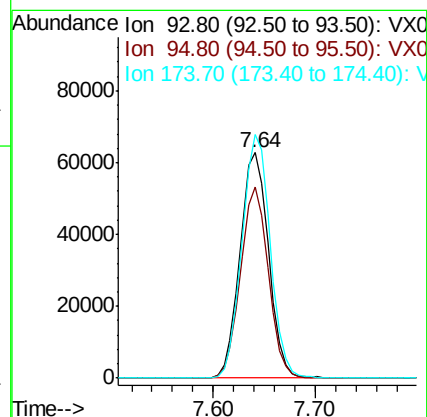
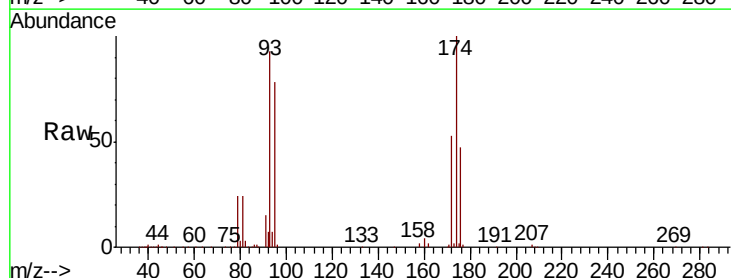
Tgt Ion: 93 Resp: 121707

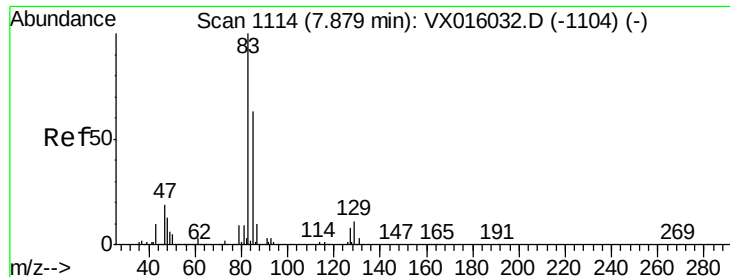
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 107.0 84.2 126.4





#47

Bromodichloromethane

Concen: 47.547 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

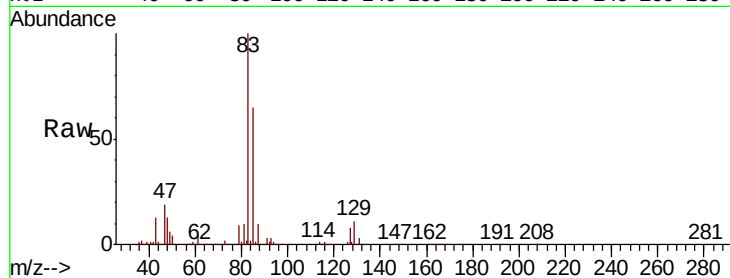
Tot Ion: 83 Resp: 253987

Ion Ratio Lower Upper

83 100

85 64.5 50.5 75.7

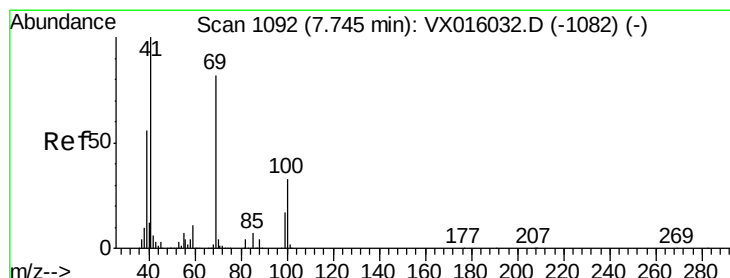
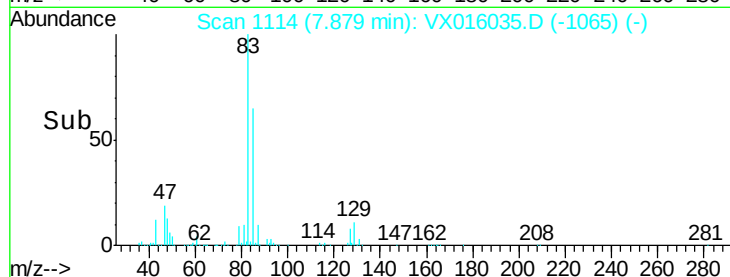
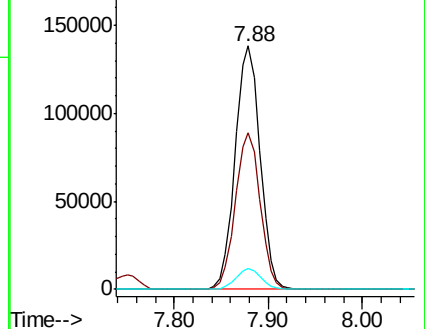
127 8.4 6.7 10.1



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: 47.550 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

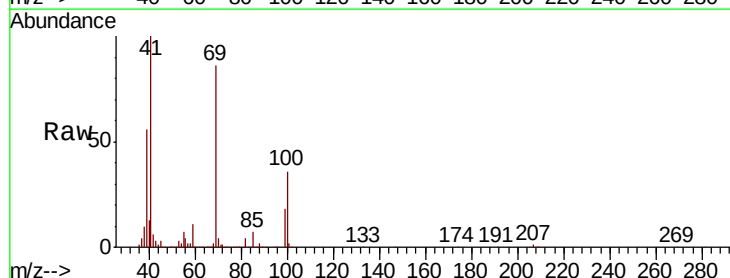
Tgt Ion: 41 Resp: 217209

Ion Ratio Lower Upper

41 100

69 85.1 67.8 101.6

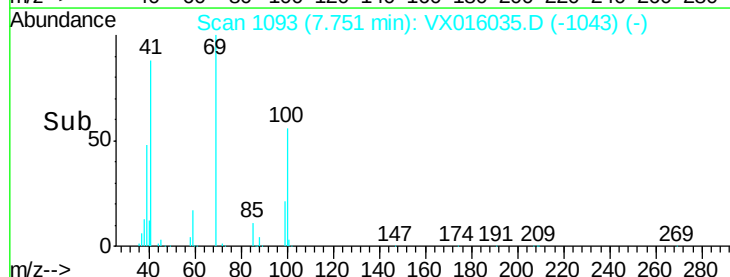
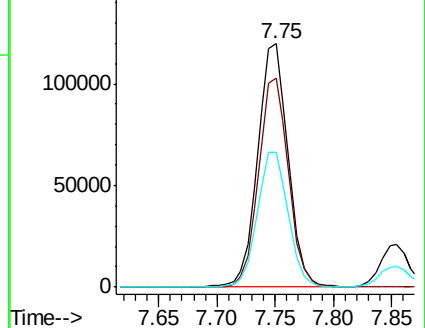
39 56.5 44.6 67.0

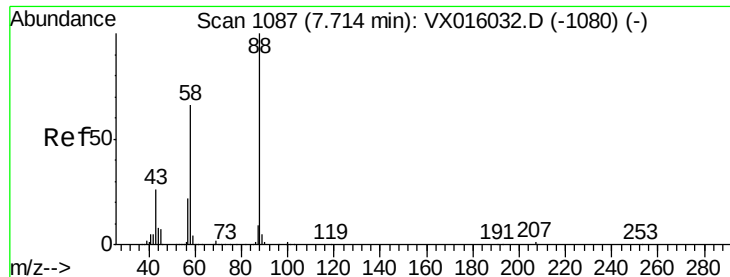


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 939.413 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

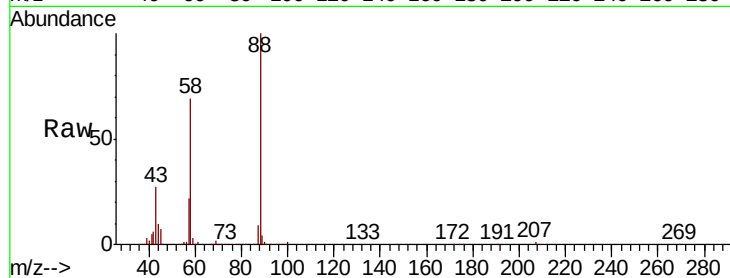
Tot Ion: 88 Resp: 102919

Ion Ratio Lower Upper

88 100

43 30.9 25.3 37.9

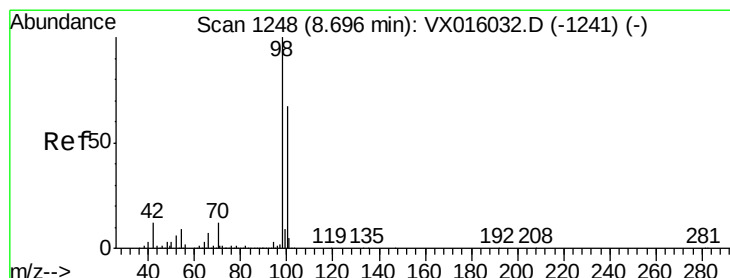
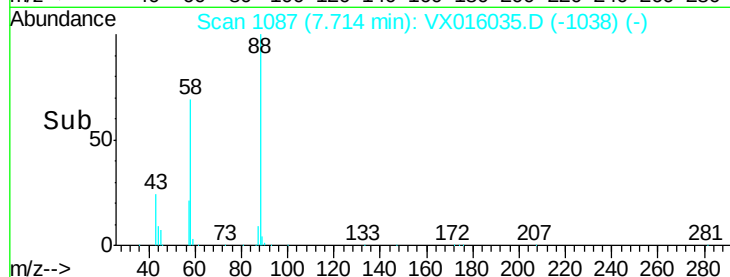
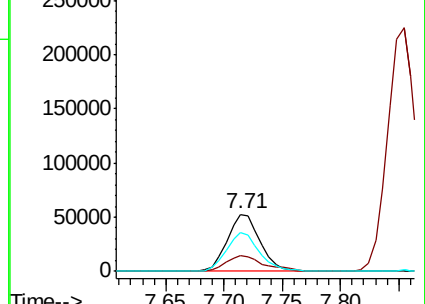
58 69.2 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.319 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016035.D

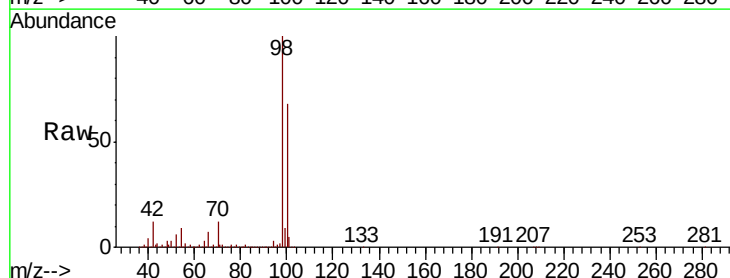
Acq: 04 May 2020 14:39

Tgt Ion: 98 Resp: 598796

Ion Ratio Lower Upper

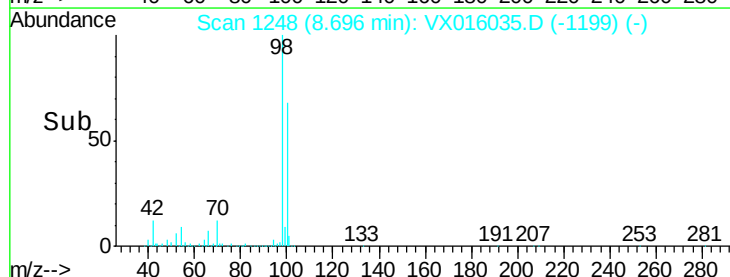
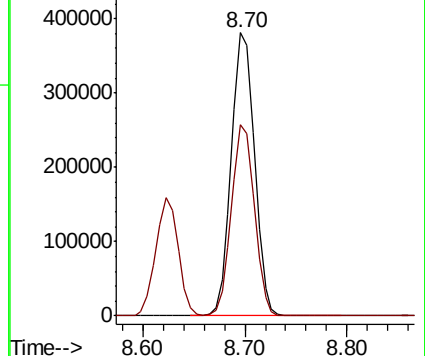
98 100

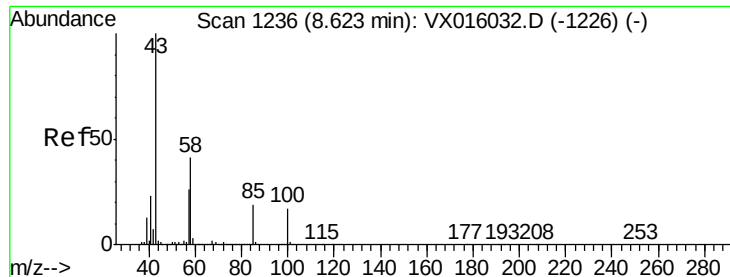
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

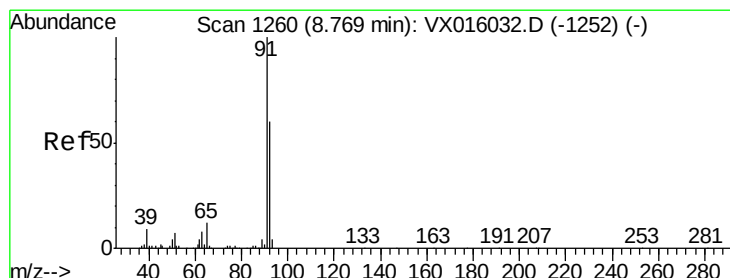
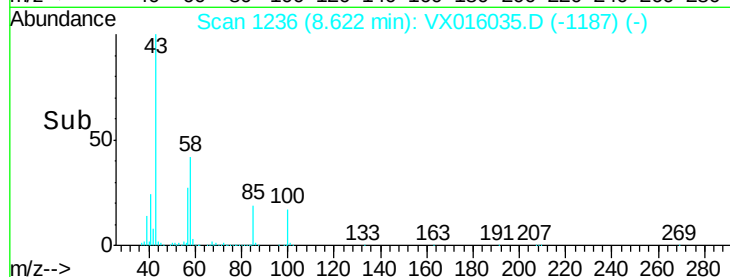
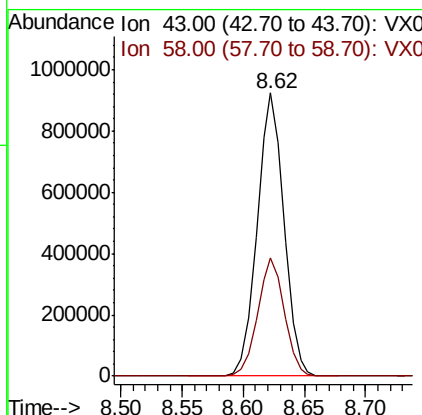
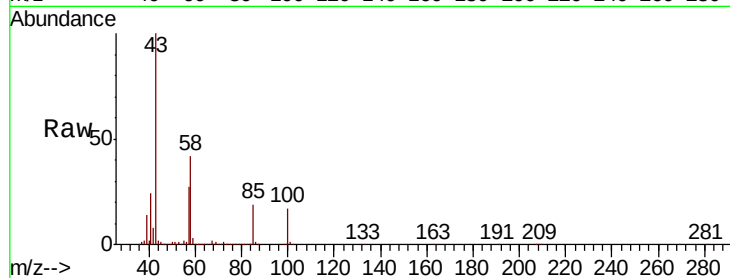




#51
 4-Methyl-2-Pentanone
 Concen: 238.969 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

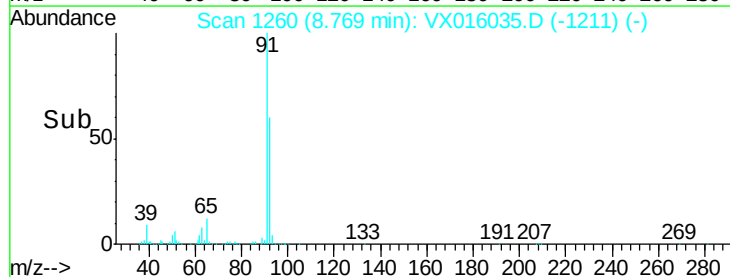
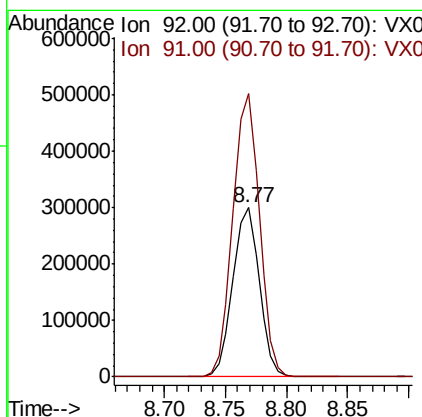
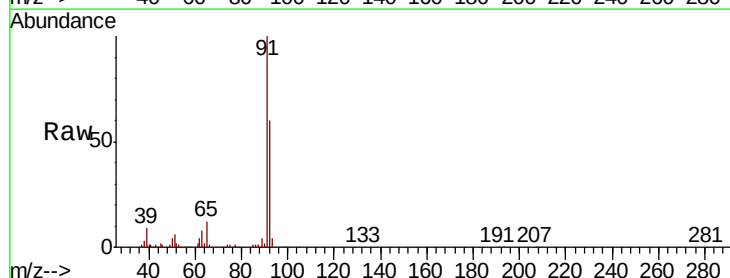
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

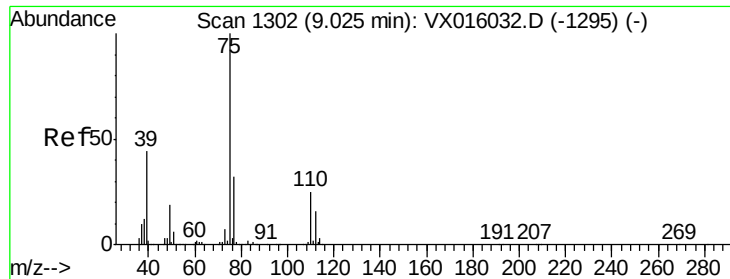
Tot Ion: 43 Resp: 1409750
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.0 49.4



#52
 Toluene
 Concen: 47.209 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion: 92 Resp: 448841
 Ion Ratio Lower Upper
 92 100
 91 168.2 134.5 201.7

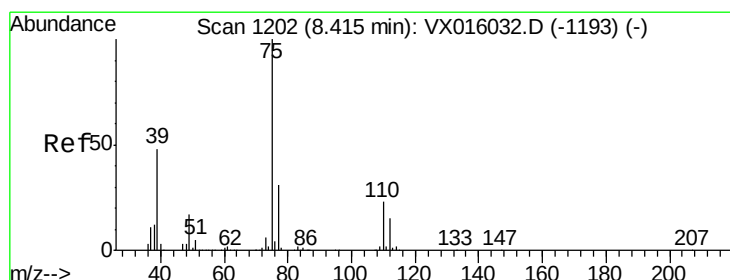
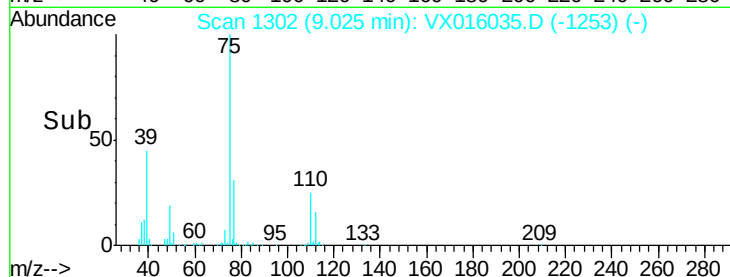
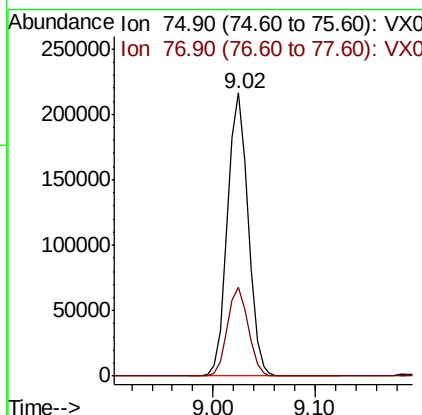
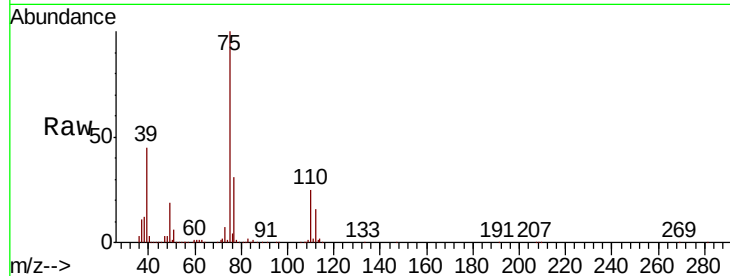




#53
t-1,3-Dichloropropene
Concen: 47.531 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

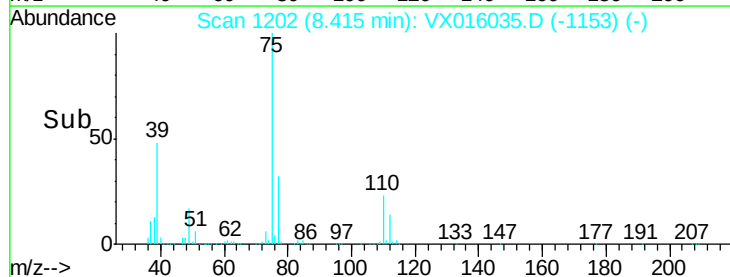
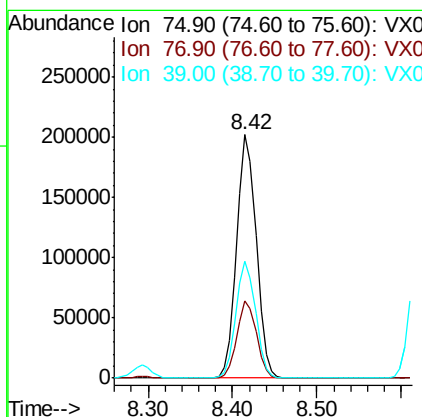
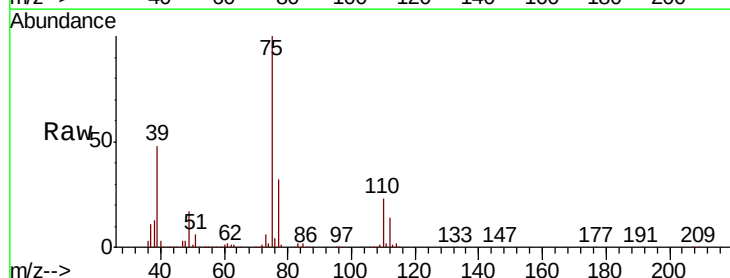
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

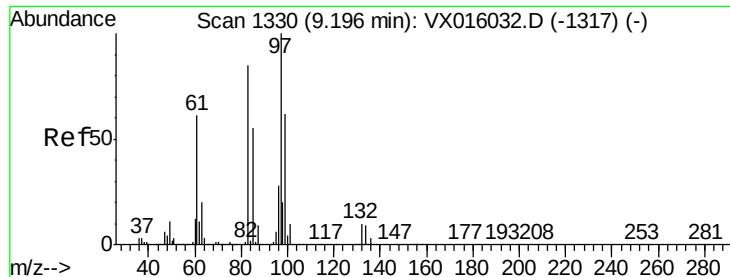
Tot Ion: 75 Resp: 302728
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 47.453 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 75 Resp: 315685
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 48.0 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 47.318 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 97 Resp: 176997

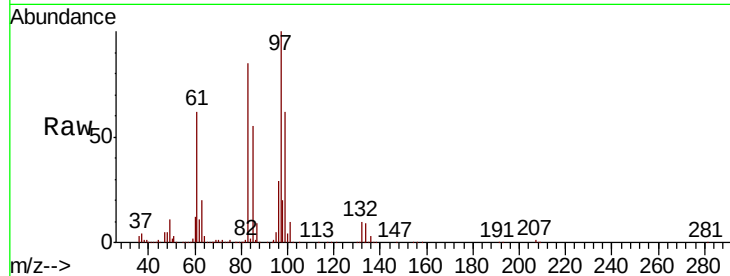
Ion Ratio Lower Upper

97 100

83 84.9 67.8 101.8

85 55.0 43.8 65.8

99 62.5 49.4 74.0

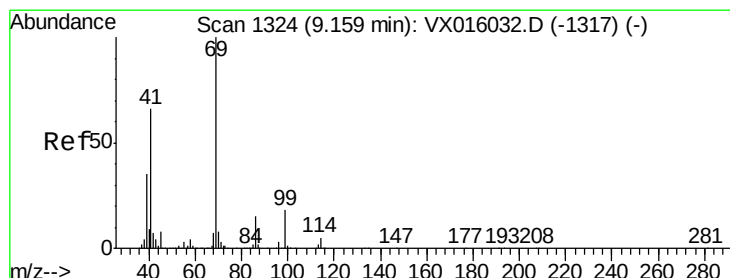
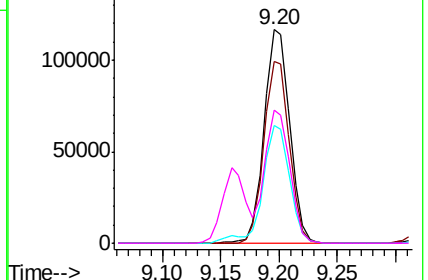
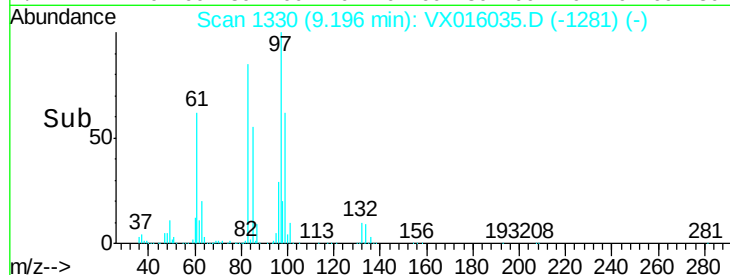


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.545 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

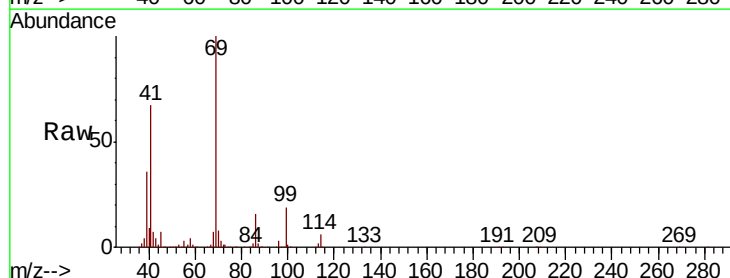
Tgt Ion: 69 Resp: 296407

Ion Ratio Lower Upper

69 100

41 65.1 52.2 78.4

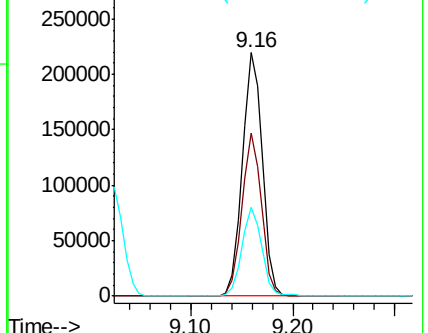
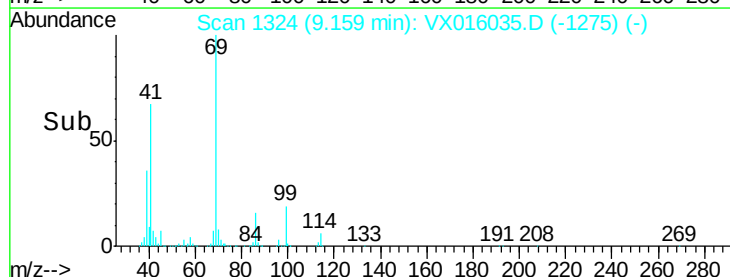
39 36.0 28.2 42.4

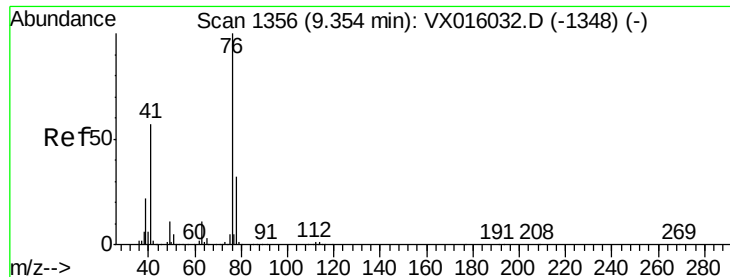


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.758 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

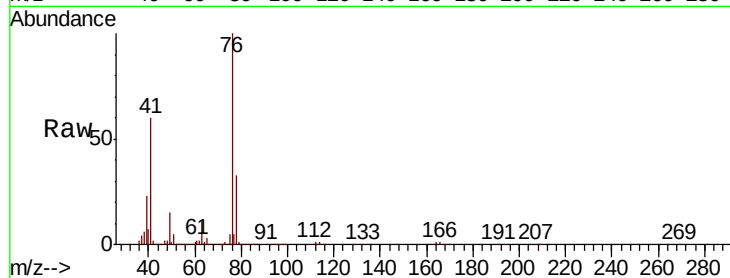
ICVVX050420

Tot Ion: 76 Resp: 305187

Ion Ratio Lower Upper

76 100

78 32.7 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

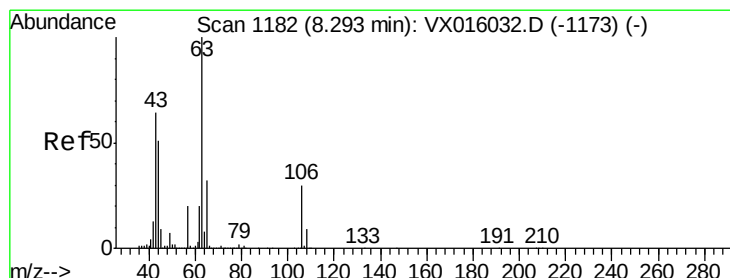
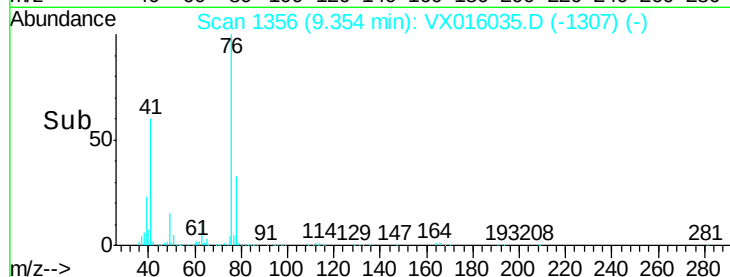
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 241.884 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016035.D

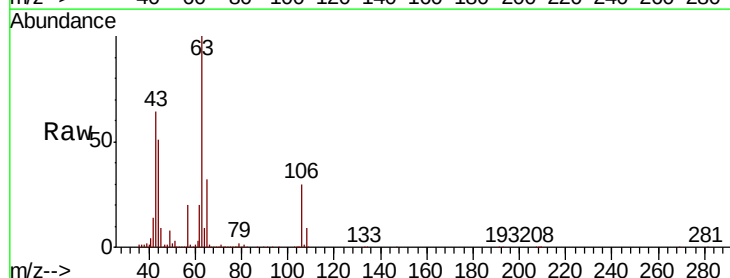
Acq: 04 May 2020 14:39

Tgt Ion: 63 Resp: 786266

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

600000

500000

400000

300000

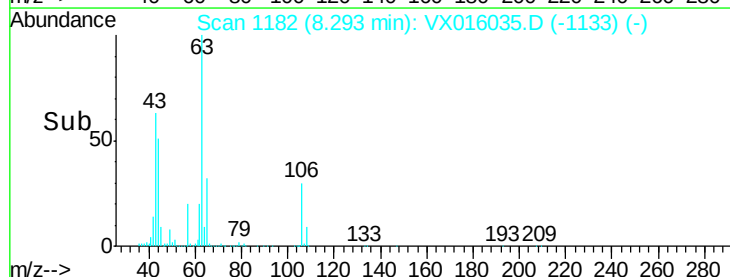
200000

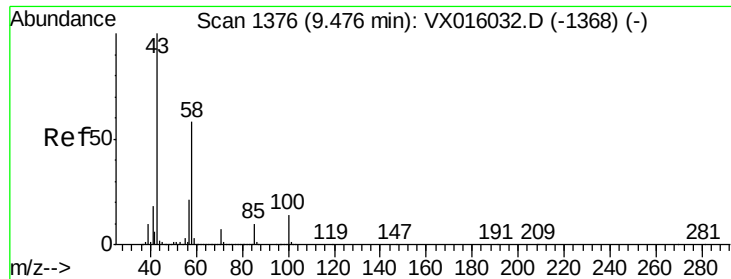
100000

0

8.20 8.30 8.40

Time-->

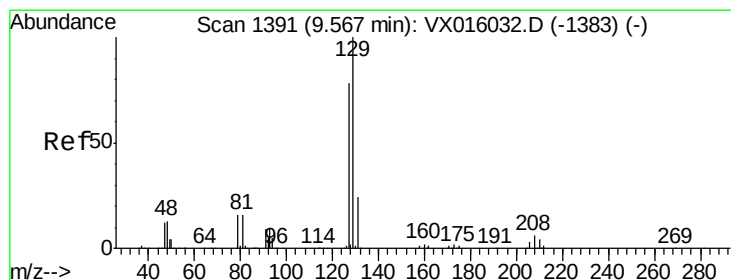
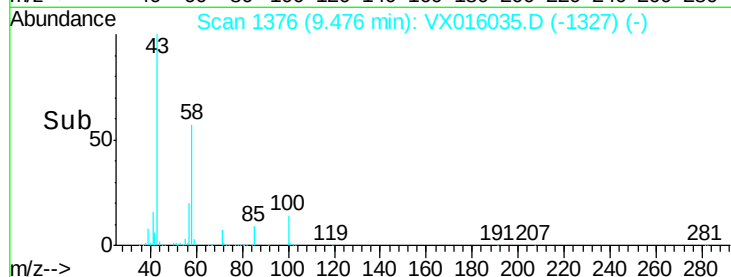
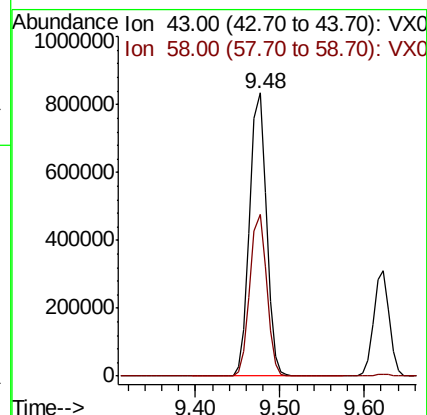
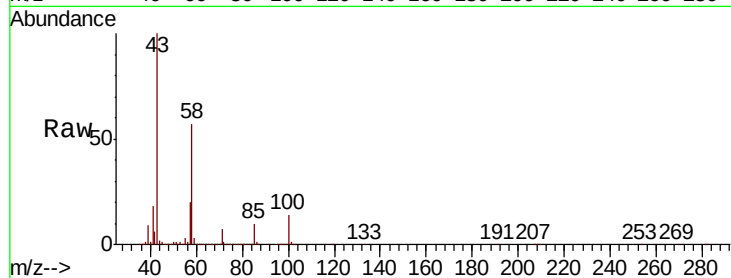




#59
2-Hexanone
Concen: 238.881 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

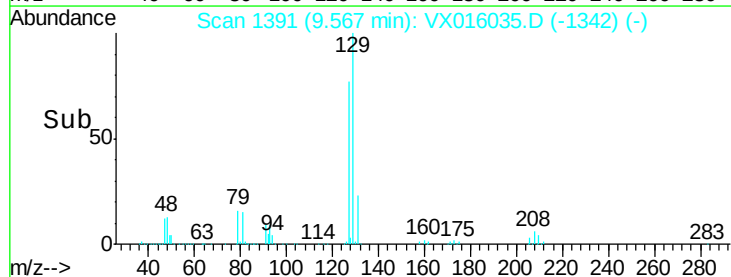
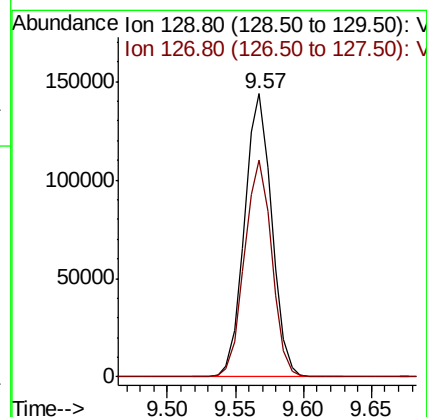
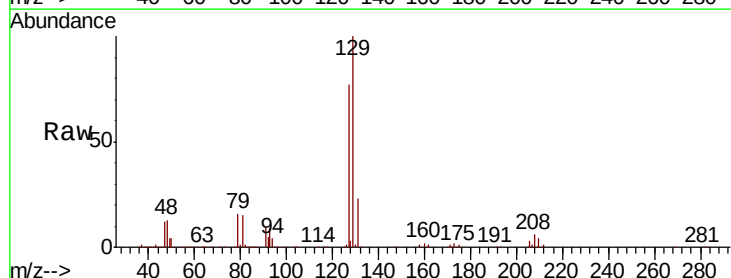
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

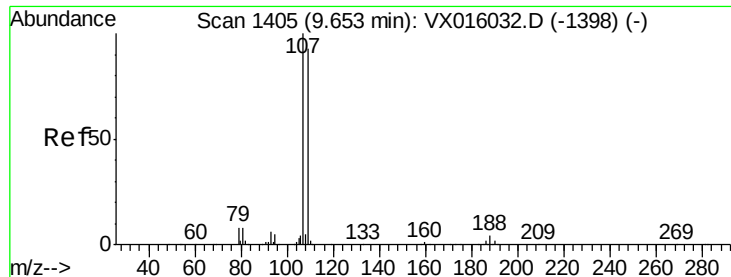
Tot Ion: 43 Resp: 1106704
Ion Ratio Lower Upper
43 100
58 57.2 28.6 85.9



#60
Dibromochloromethane
Concen: 48.877 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 129 Resp: 201360
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 47.858 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

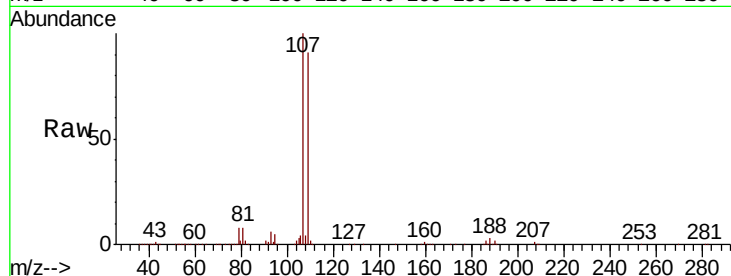
ICVVX050420

Tot Ion: 107 Resp: 193908

Ion Ratio Lower Upper

107 100

109 93.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

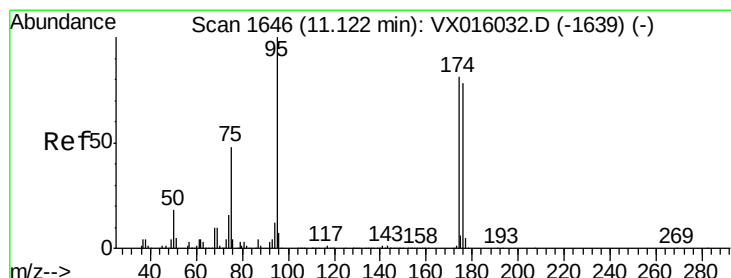
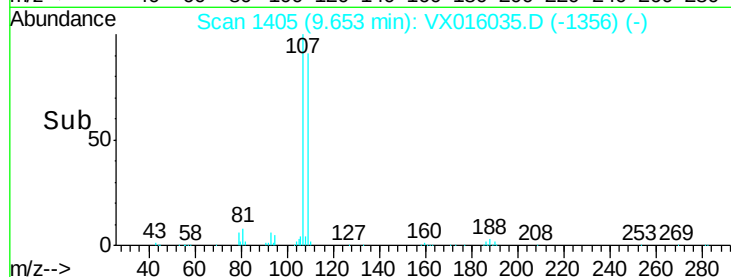
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.471 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

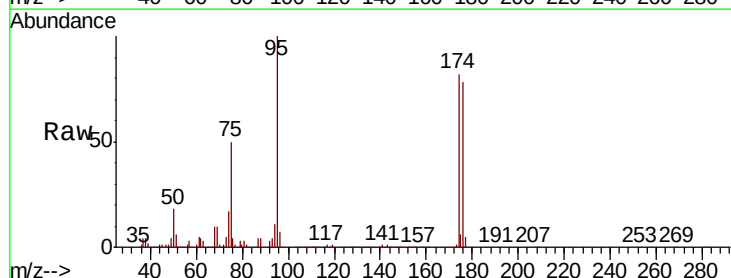
Tgt Ion: 95 Resp: 228500

Ion Ratio Lower Upper

95 100

174 82.1 0.0 159.4

176 77.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

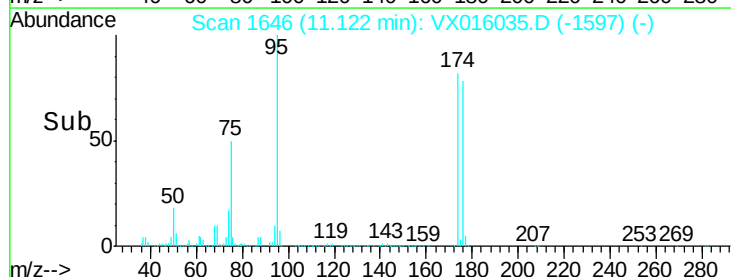
150000

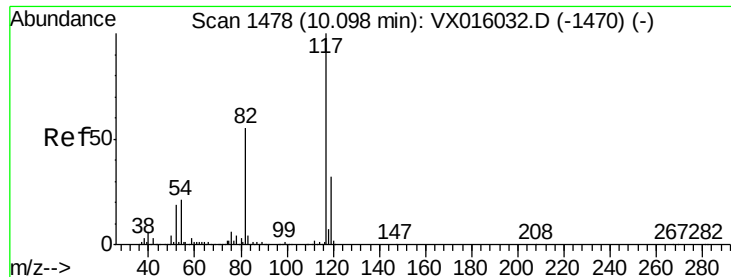
100000

50000

0

Time-->

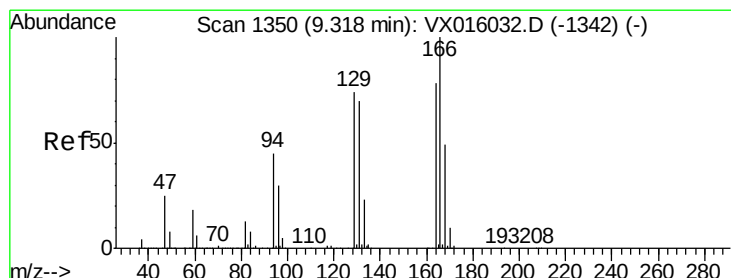
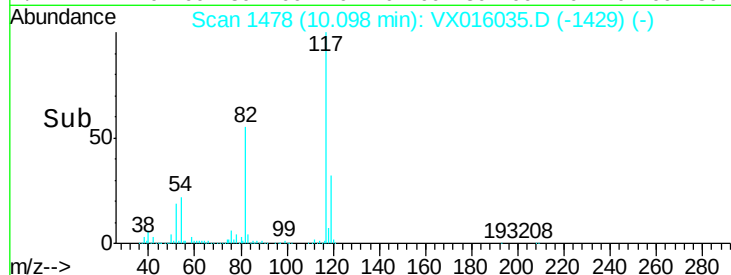
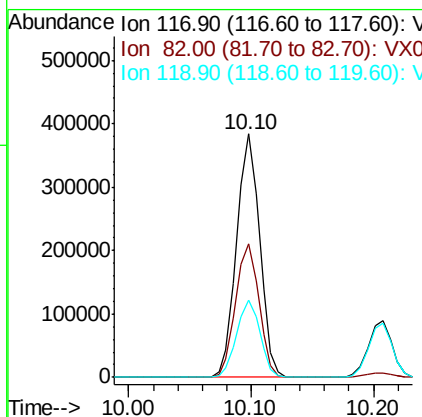
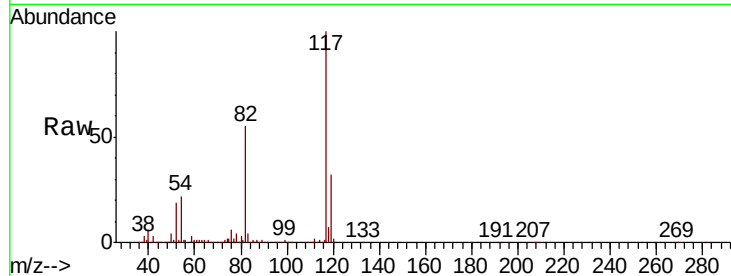




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

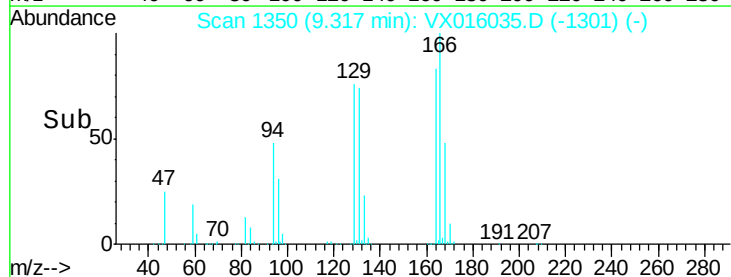
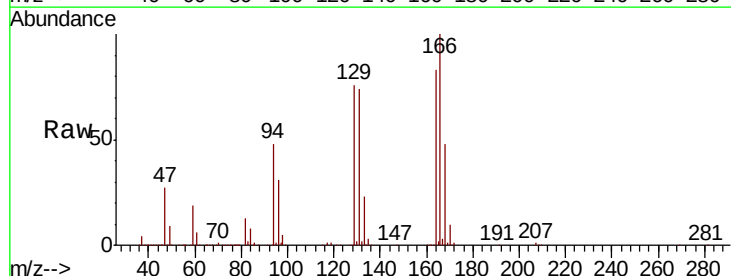
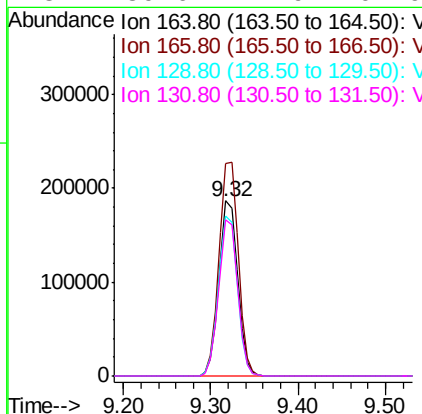
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

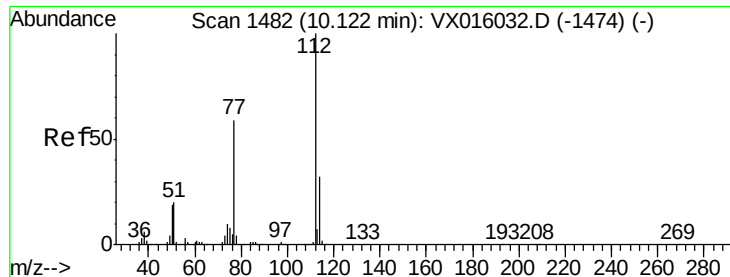
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.4	66.6
119	31.7	25.5	38.3



#64
Tetrachloroethene
Concen: 44.788 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.2	102.9	154.3
129	91.5	76.1	114.1
131	89.6	71.9	107.9





#65

Chlorobenzene

Concen: 45.921 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

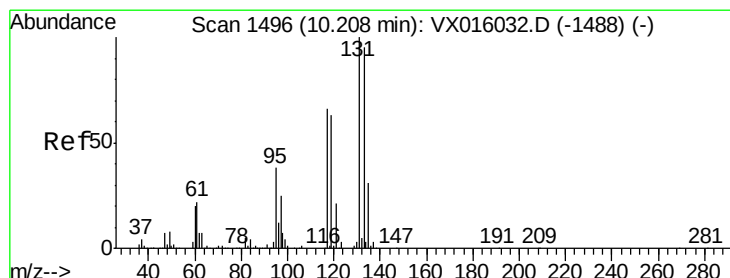
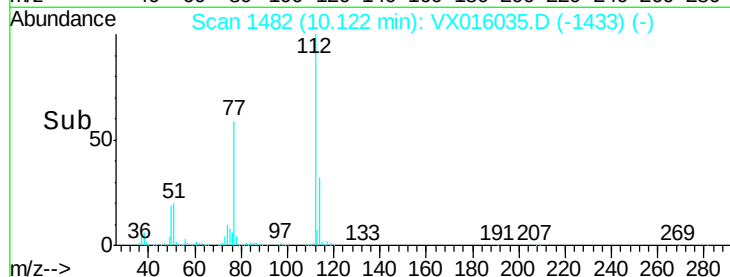
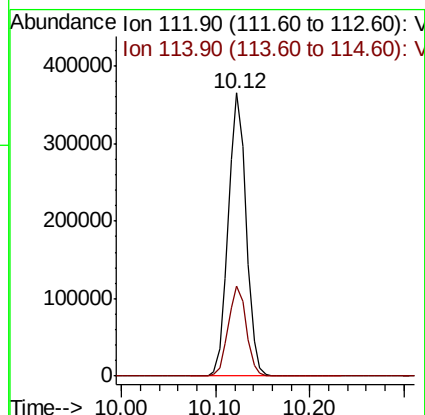
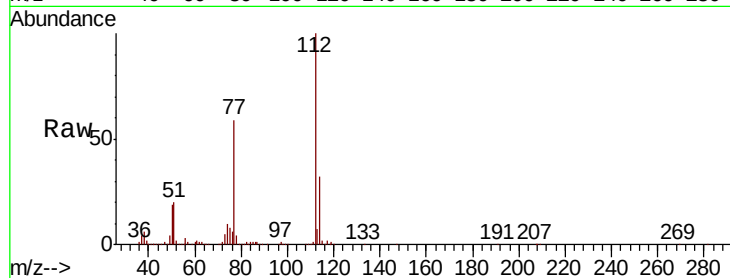
ICVVX050420

Tot Ion:112 Resp: 481059

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 46.600 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

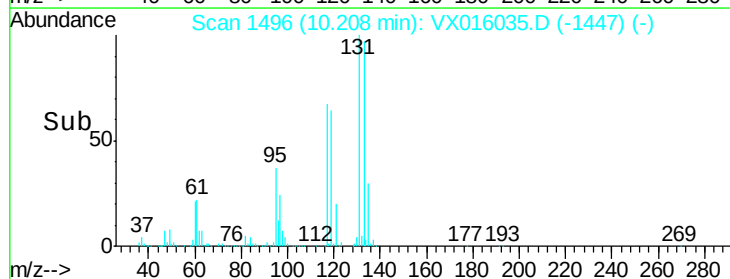
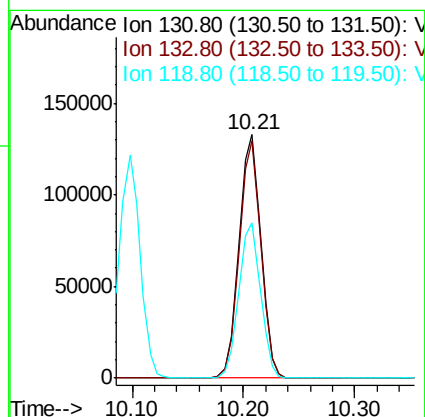
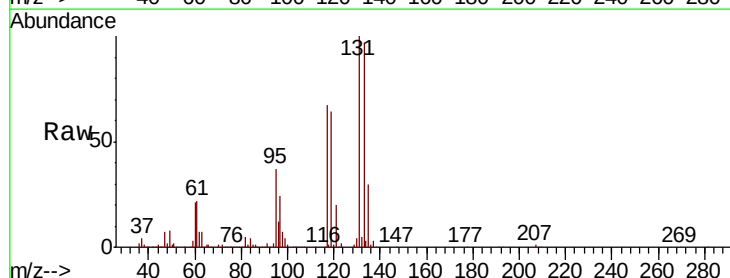
Tgt Ion:131 Resp: 180433

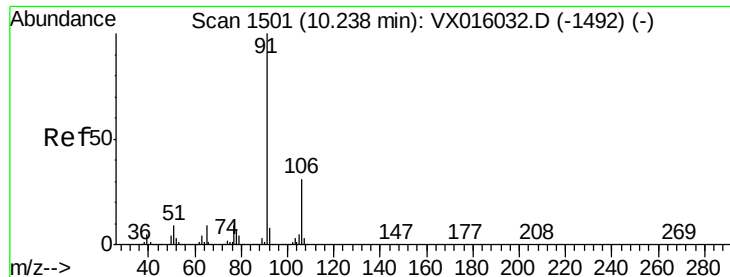
Ion Ratio Lower Upper

131 100

133 96.4 48.3 144.8

119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 45.927 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

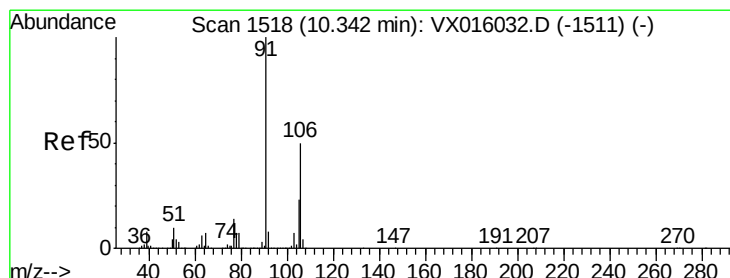
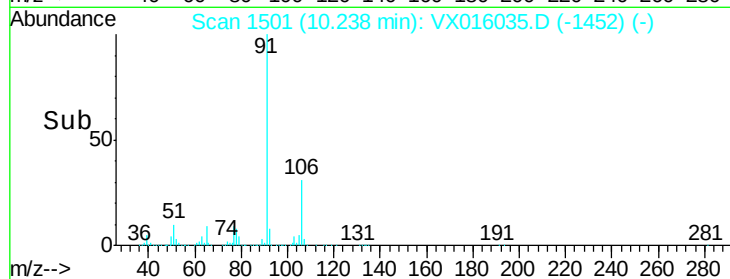
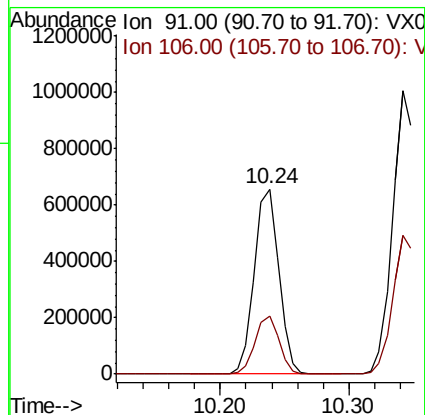
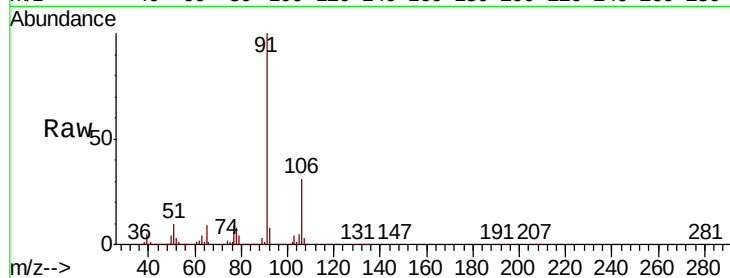
ICVVX050420

Tot Ion: 91 Resp: 858448

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 94.318 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016035.D

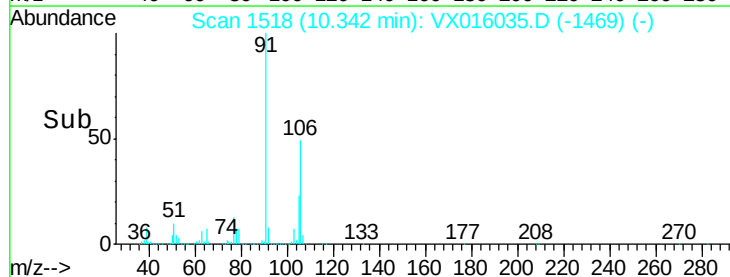
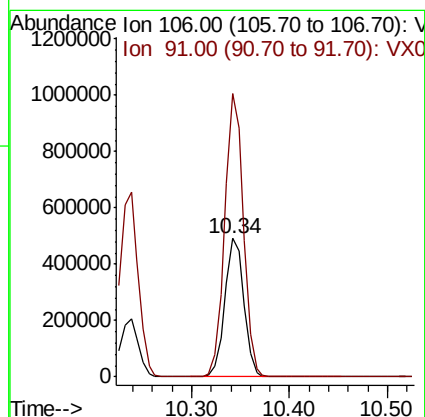
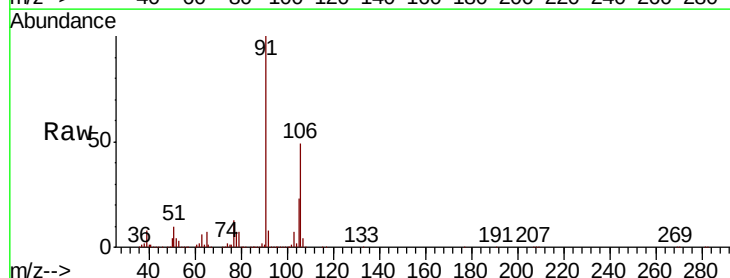
Acq: 04 May 2020 14:39

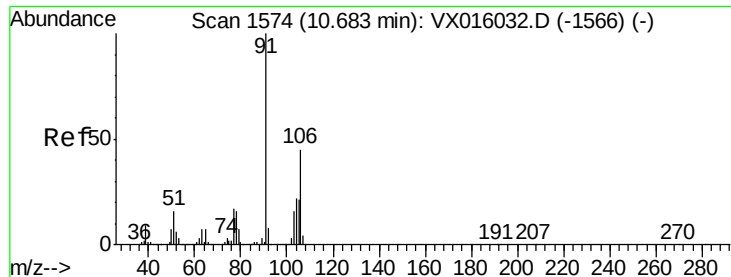
Tgt Ion: 106 Resp: 660513

Ion Ratio Lower Upper

106 100

91 201.5 161.7 242.5

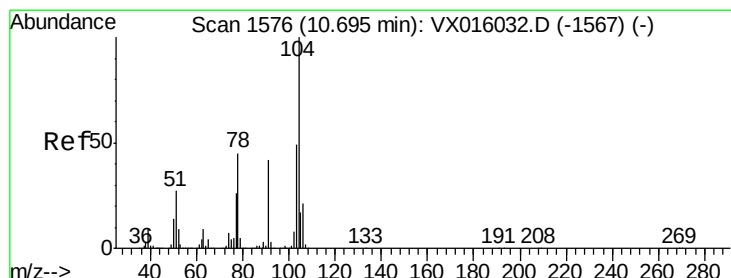
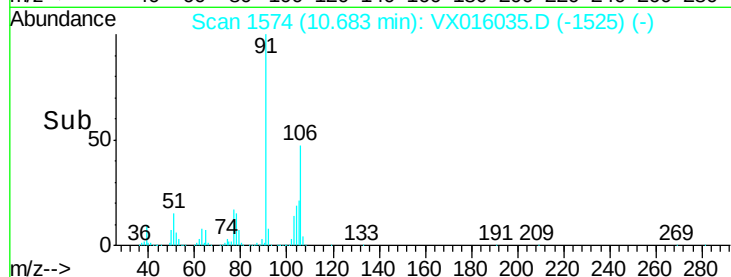
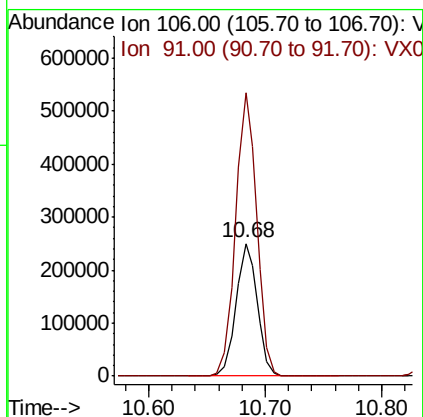
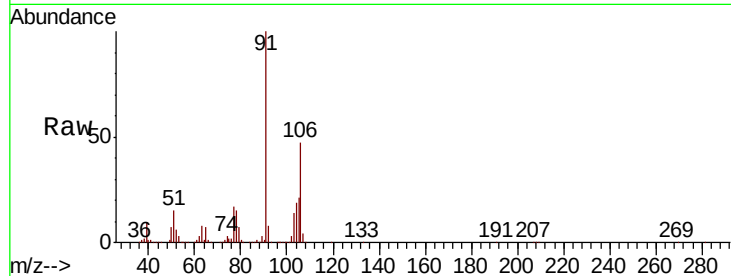




#69
o-Xylene
Concen: 46.926 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

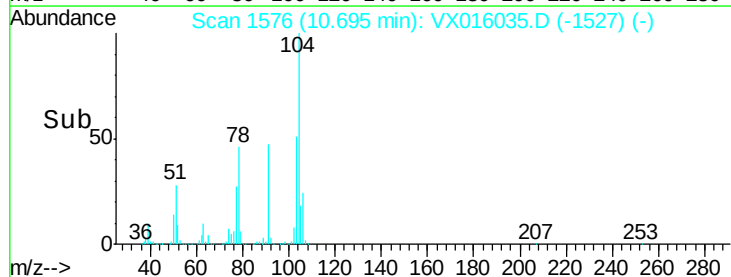
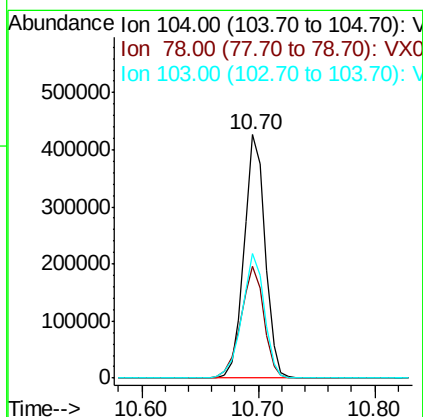
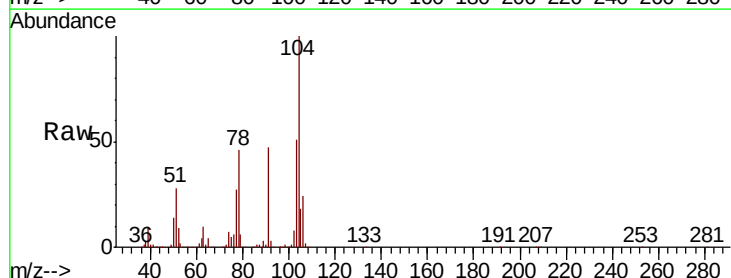
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

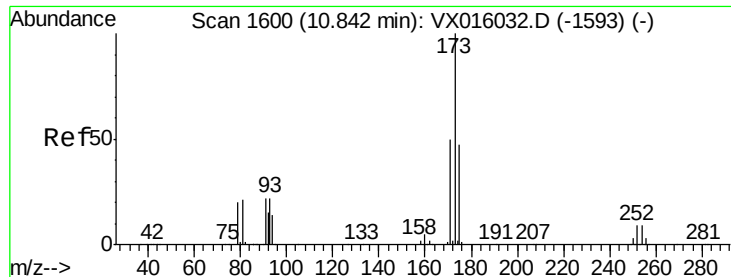
Tot Ion:106 Resp: 315885
Ion Ratio Lower Upper
106 100
91 213.6 107.5 322.6



#70
Styrene
Concen: 47.177 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion:104 Resp: 538763
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.2
103 54.2 43.0 64.6





#71

Bromoform

Concen: 48.089 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

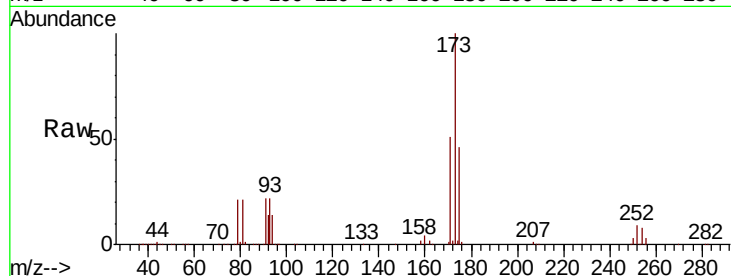
Tot Ion:173 Resp: 151702

Ion Ratio Lower Upper

173 100

175 47.5 24.0 72.0

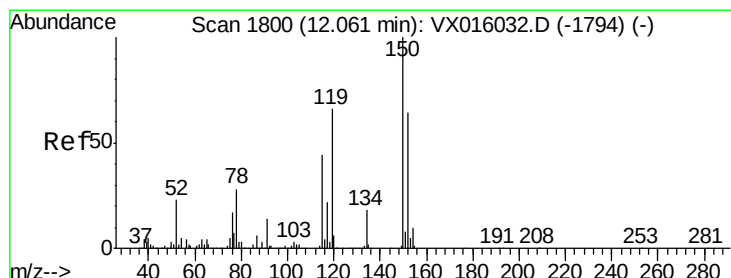
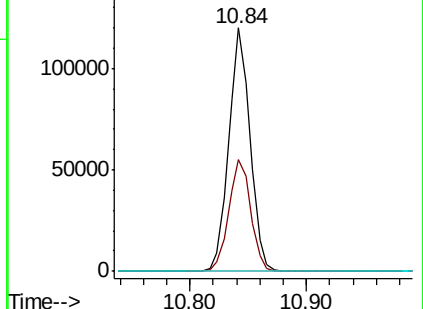
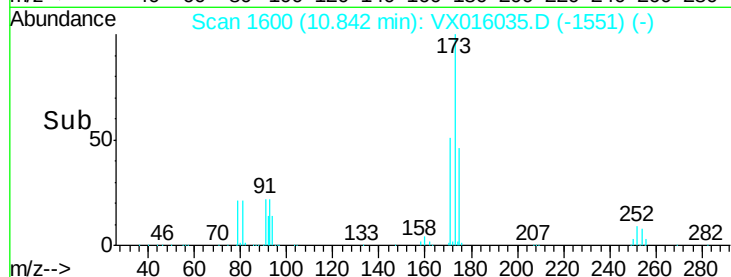
254 0.2 0.1 0.1#



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: VX016035.D

Acq: 04 May 2020 14:39

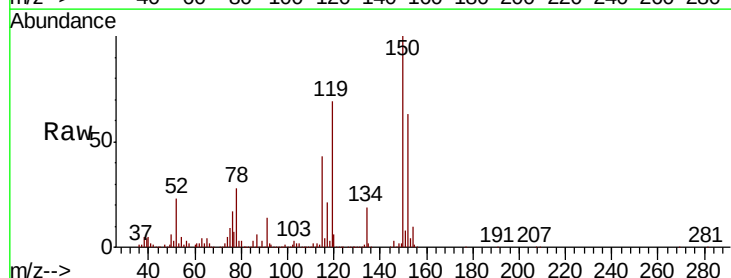
Tgt Ion:152 Resp: 251728

Ion Ratio Lower Upper

152 100

115 81.4 41.3 124.1

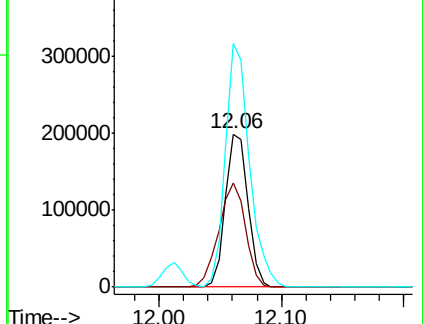
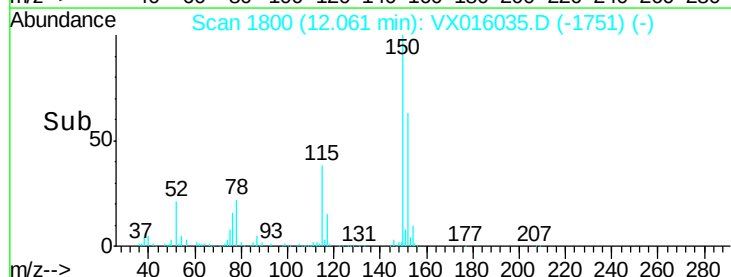
150 170.9 0.0 352.2

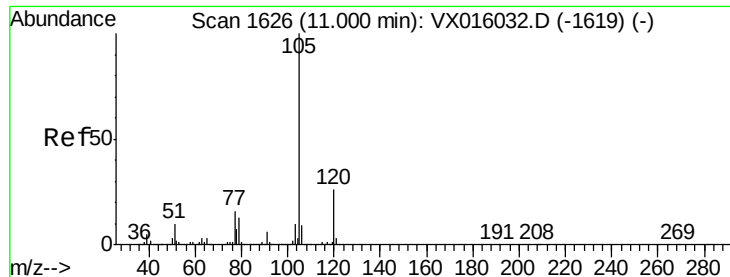


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.547 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

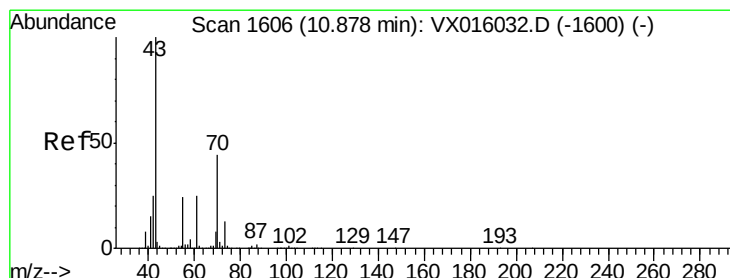
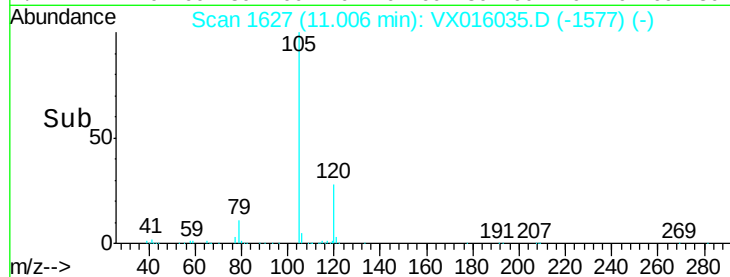
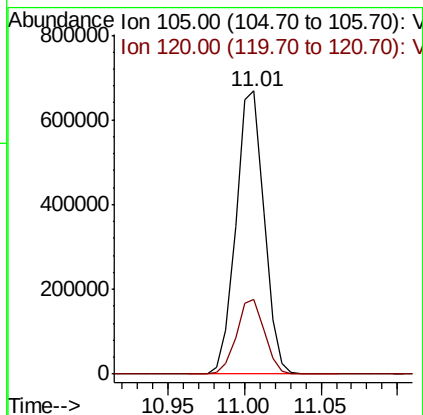
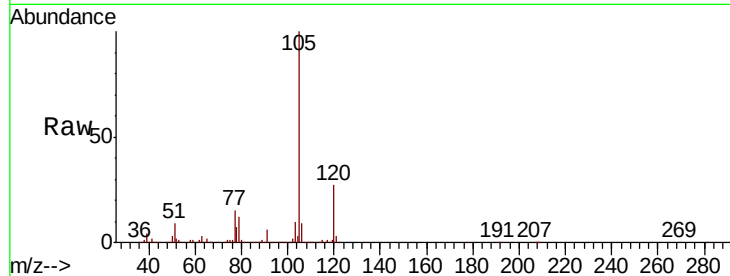
ICVVX050420

Tot Ion:105 Resp: 852249

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



#74

N-ethyl acetate

Concen: 46.284 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion: 43 Resp: 395276

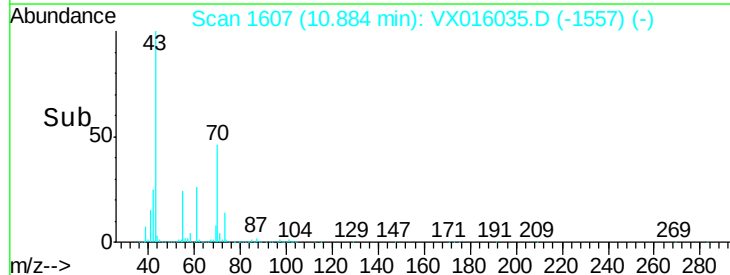
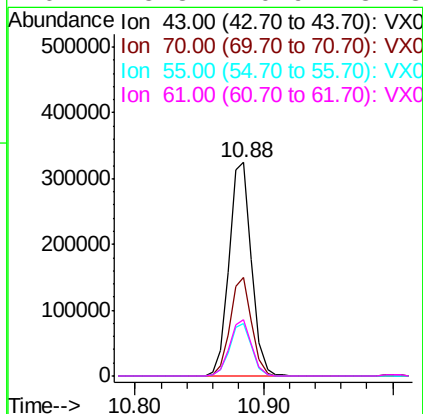
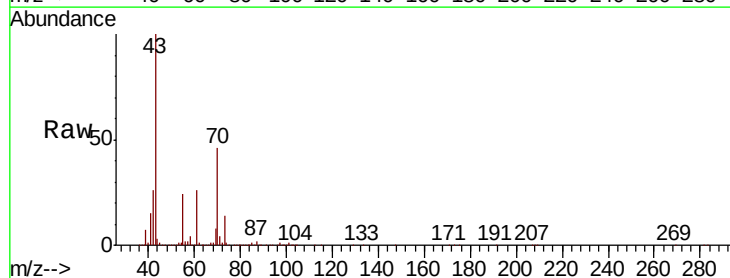
Ion Ratio Lower Upper

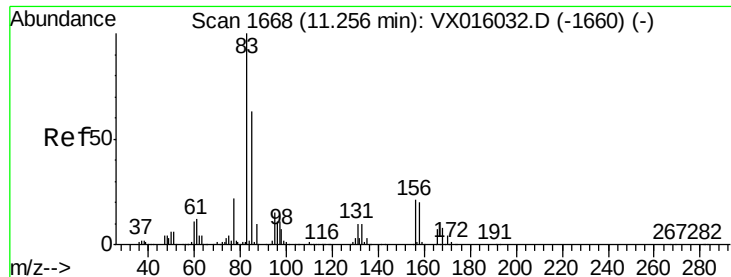
43 100

70 44.7 36.5 54.7

55 24.5 19.7 29.5

61 25.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.034 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

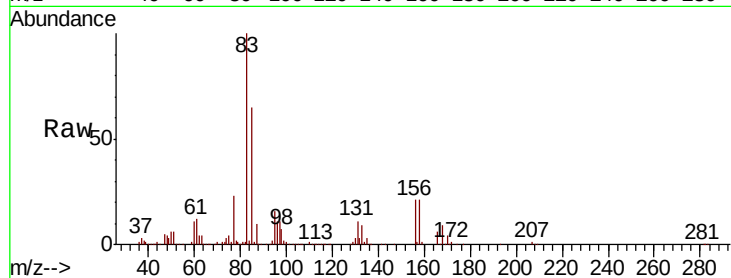
Tot Ion: 83 Resp: 177388

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

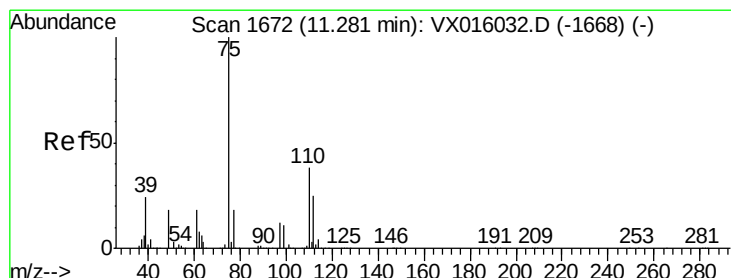
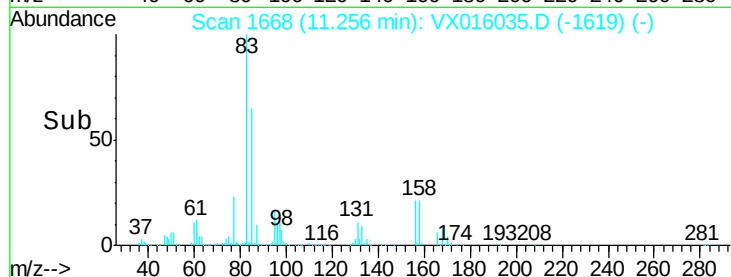
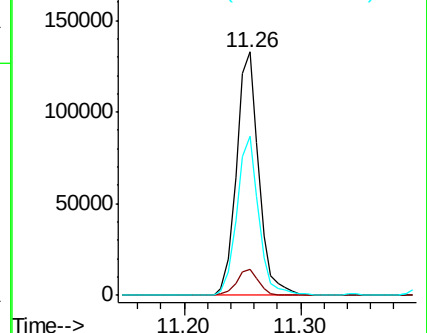
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.090 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016035.D

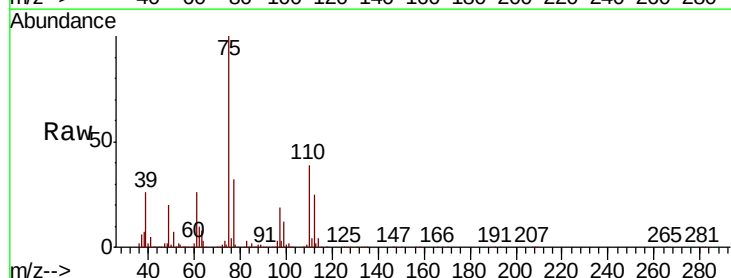
Acq: 04 May 2020 14:39

Tgt Ion: 75 Resp: 354677

Ion Ratio Lower Upper

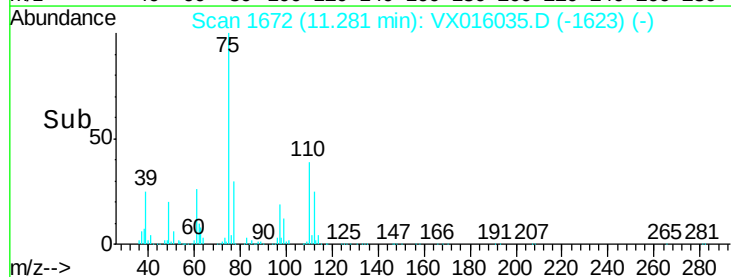
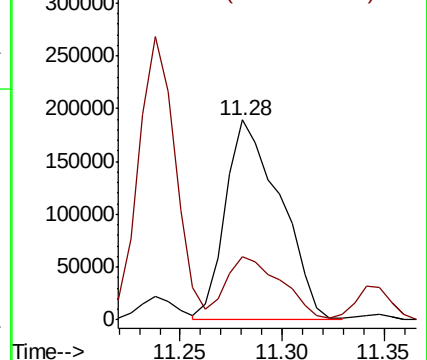
75 100

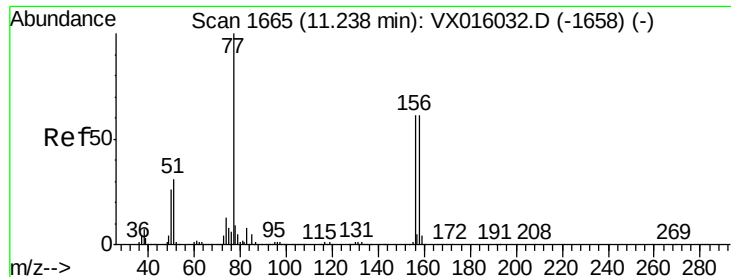
77 31.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.897 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

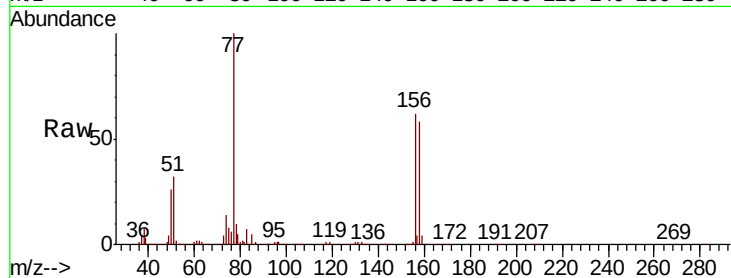
Tot Ion:156 Resp: 212180

Ion Ratio Lower Upper

156 100

77 158.9 80.1 240.3

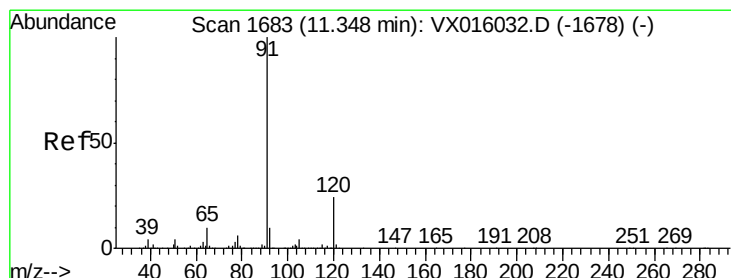
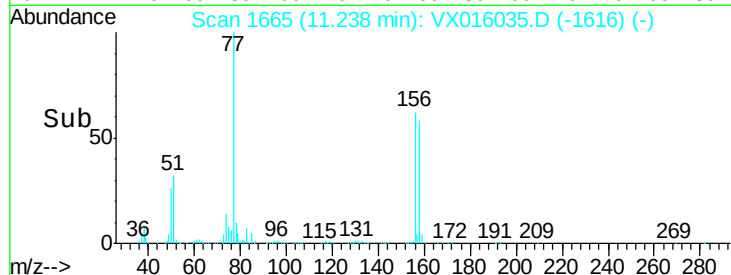
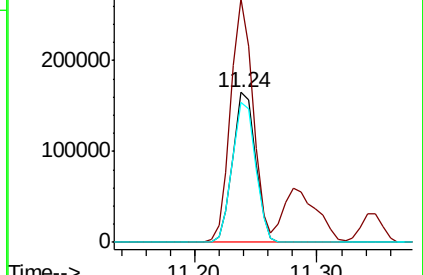
158 95.4 49.4 148.2



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



#78

n-propylbenzene

Concen: 45.892 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016035.D

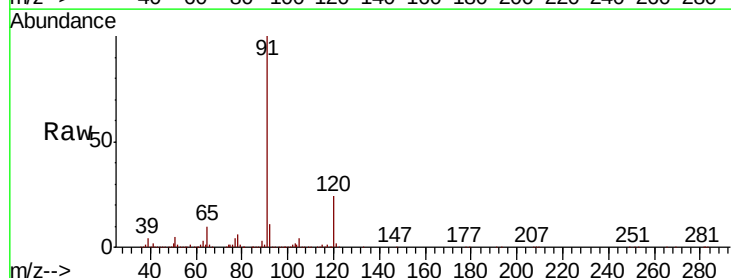
Acq: 04 May 2020 14:39

Tgt Ion: 91 Resp: 977493

Ion Ratio Lower Upper

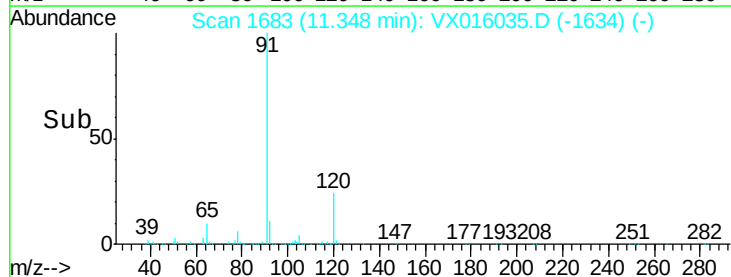
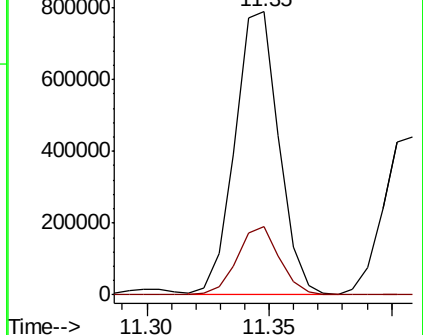
91 100

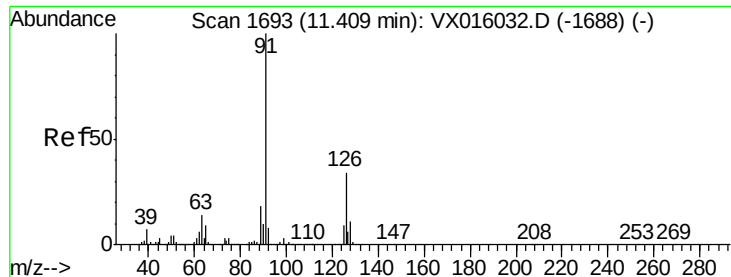
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.506 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

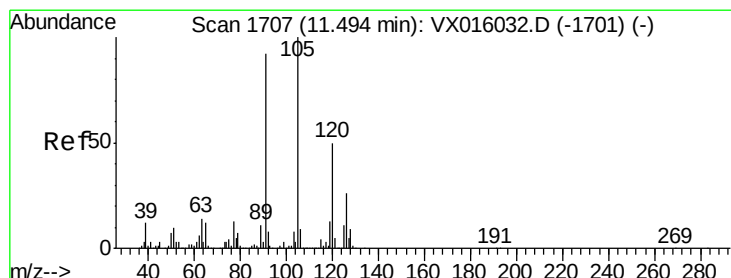
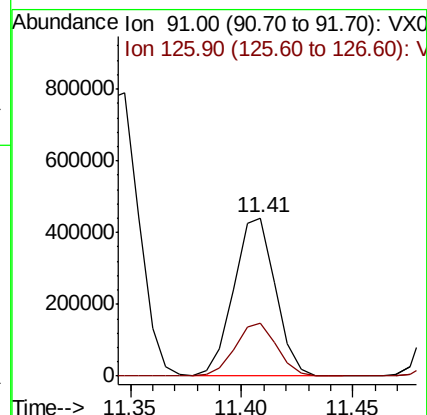
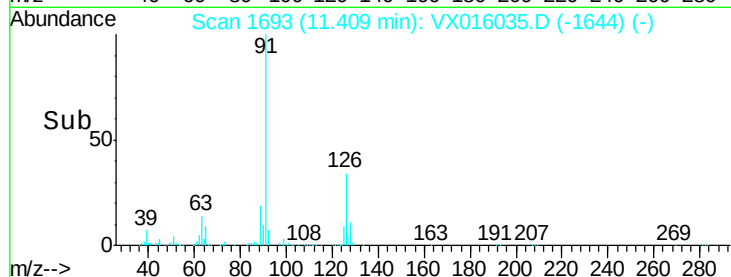
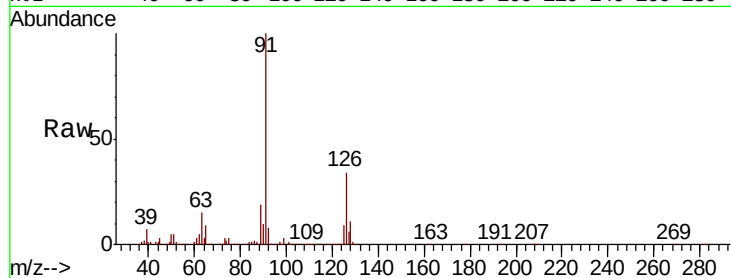
ICVVX050420

Tot Ion: 91 Resp: 572140

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 46.179 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016035.D

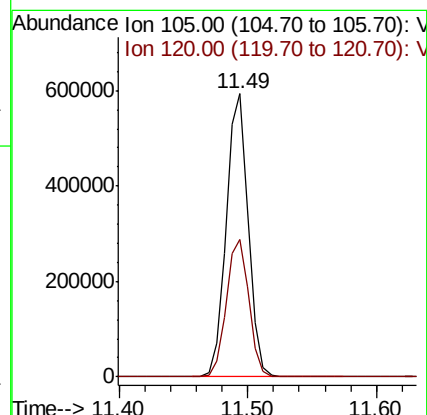
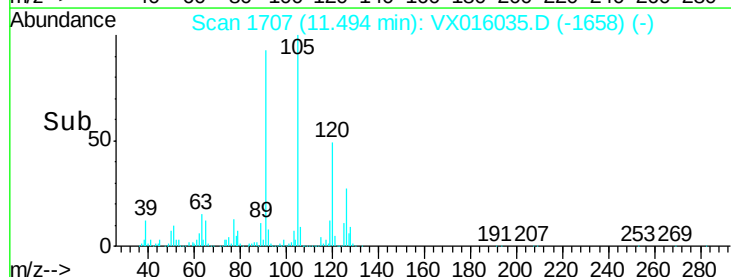
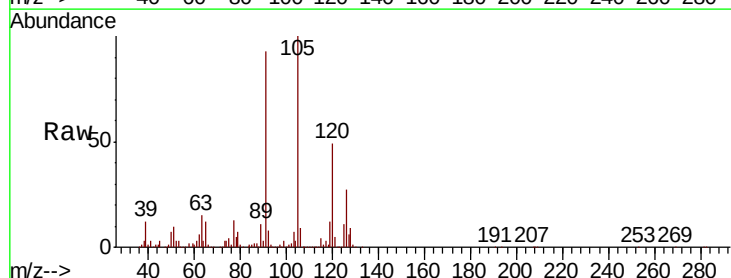
Acq: 04 May 2020 14:39

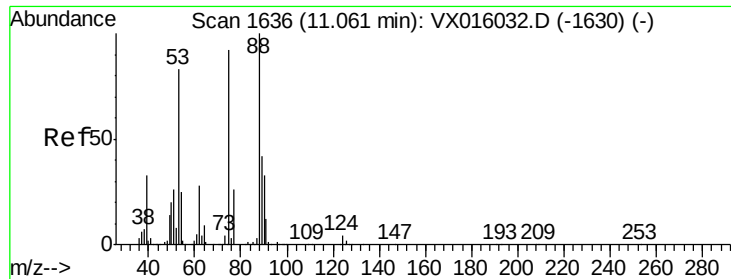
Tgt Ion: 105 Resp: 713885

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.733 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

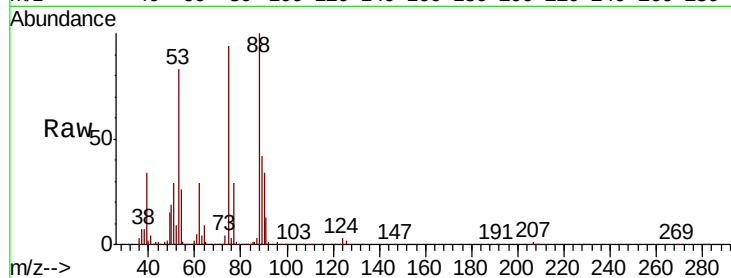
Tot Ion: 75 Resp: 114418

Ion Ratio Lower Upper

75 100

53 90.2 73.1 109.7

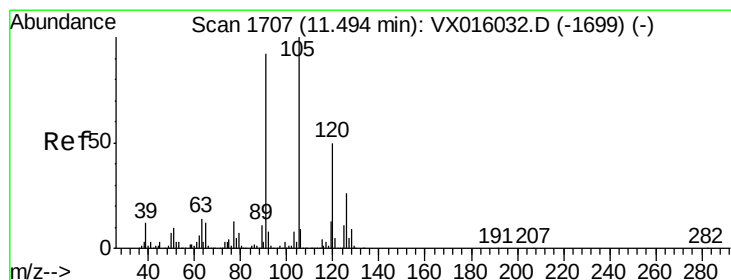
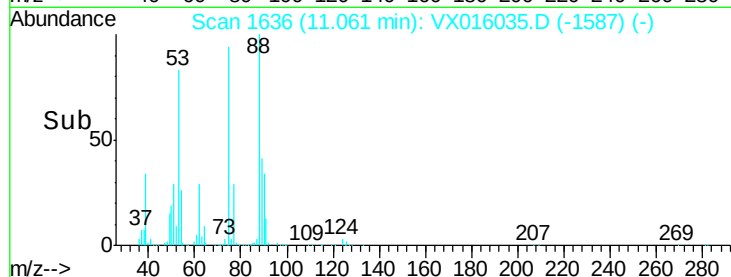
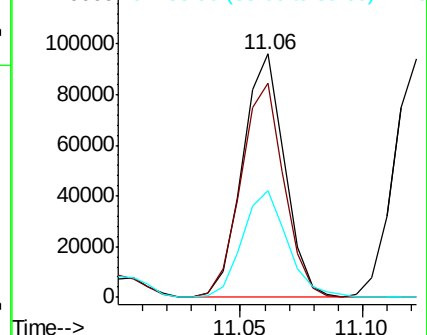
89 47.1 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.390 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016035.D

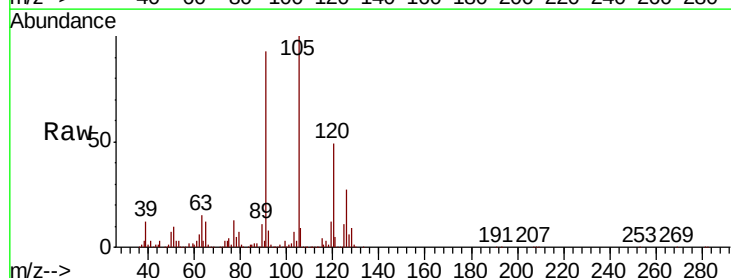
Acq: 04 May 2020 14:39

Tgt Ion: 91 Resp: 673897

Ion Ratio Lower Upper

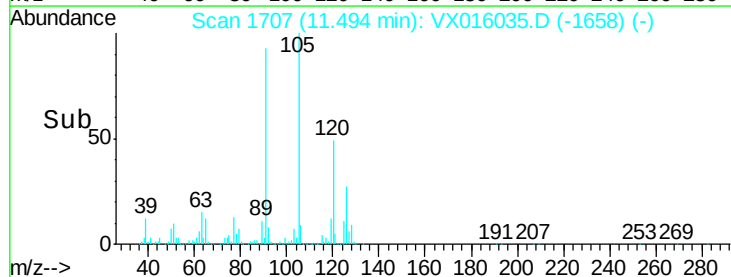
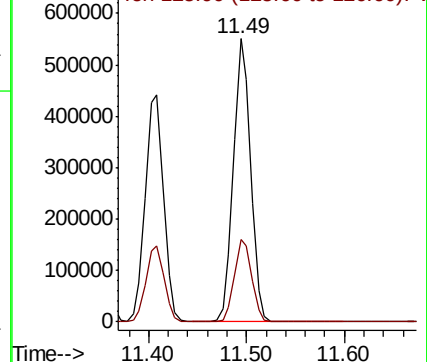
91 100

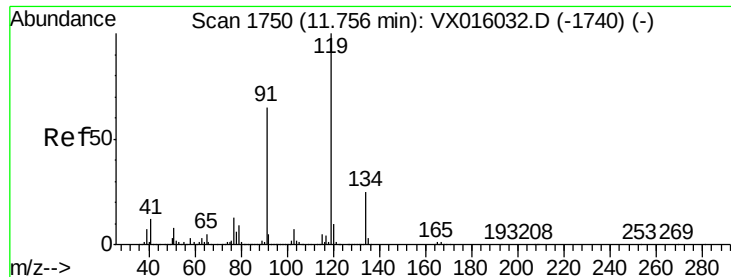
126 29.5 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.453 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

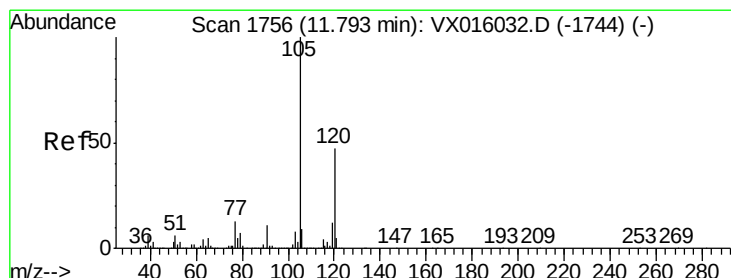
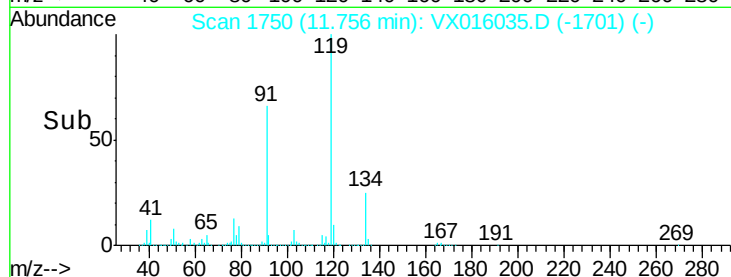
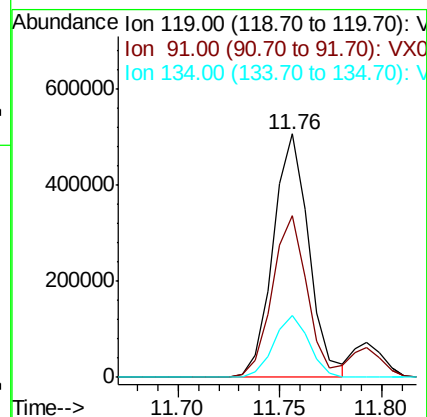
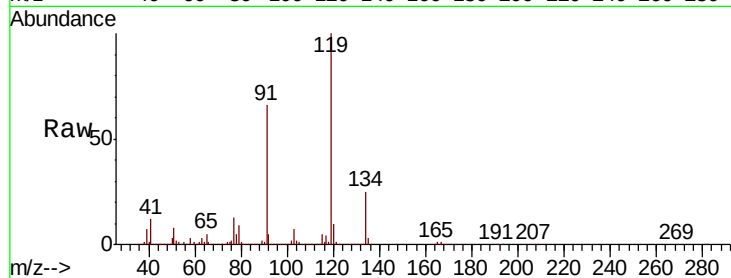
Tot Ion:119 Resp: 618865

Ion Ratio Lower Upper

119 100

91 65.9 32.8 98.4

134 24.8 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 45.878 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016035.D

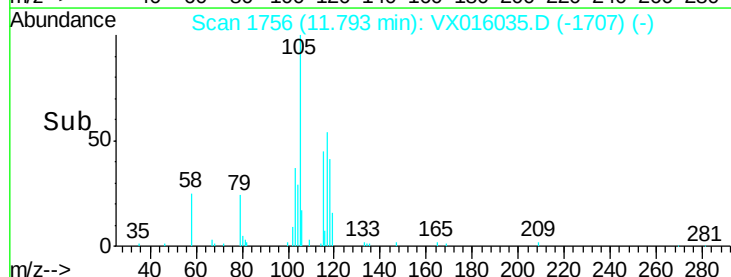
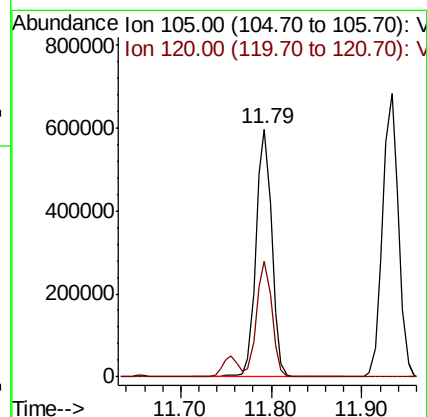
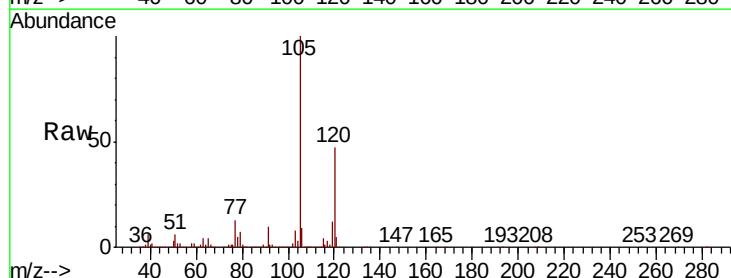
Acq: 04 May 2020 14:39

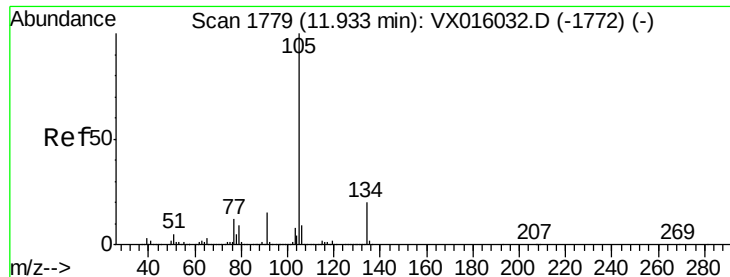
Tgt Ion:105 Resp: 717029

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 45.851 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

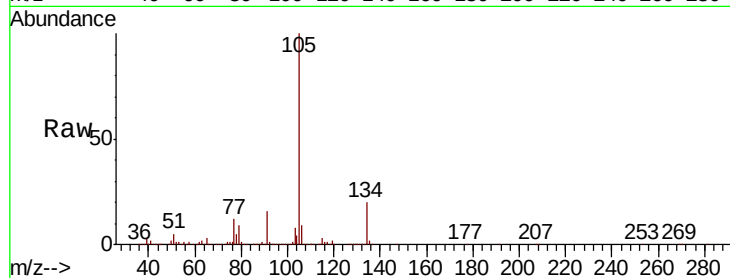
ICVX050420

Tot Ion:105 Resp: 824759

Ion Ratio Lower Upper

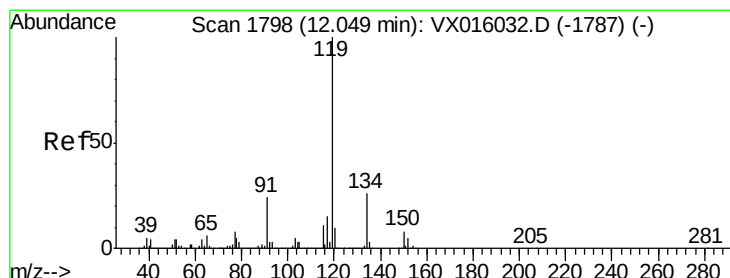
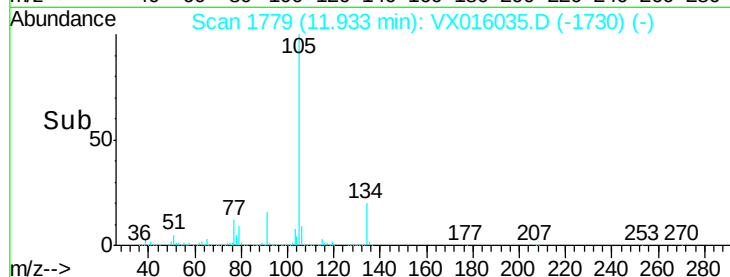
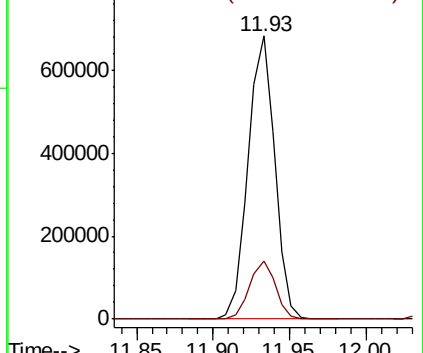
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.092 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

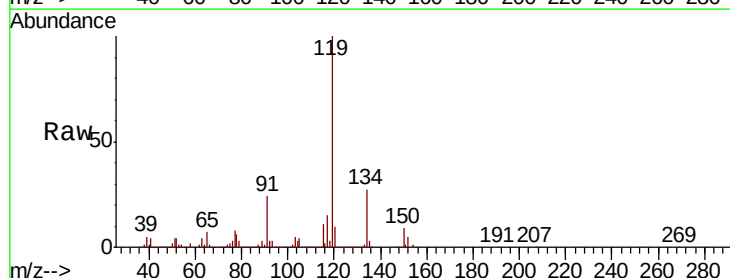
Tgt Ion:119 Resp: 769776

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

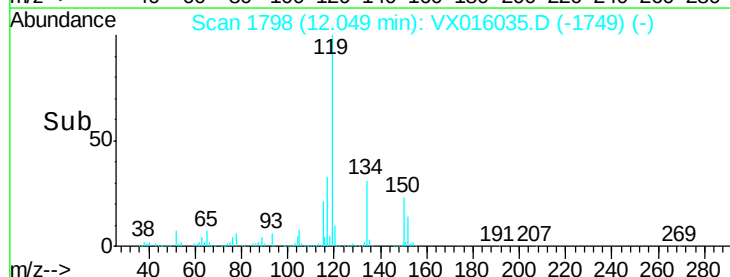
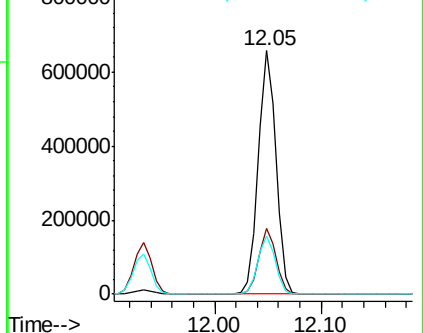
91 23.7 11.8 35.4

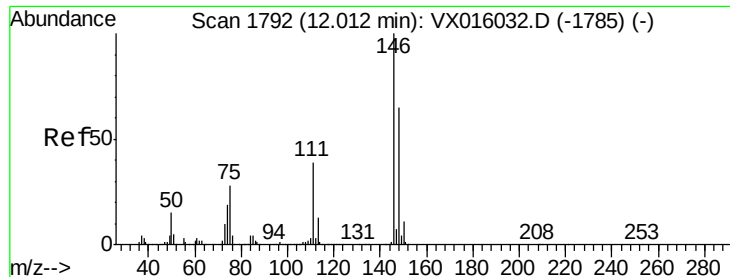


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 44.119 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

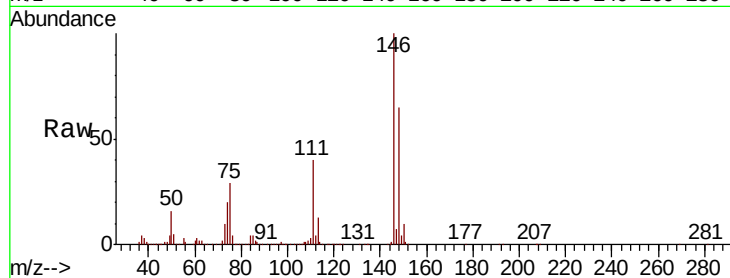
Tot Ion:146 Resp: 374372

Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.6

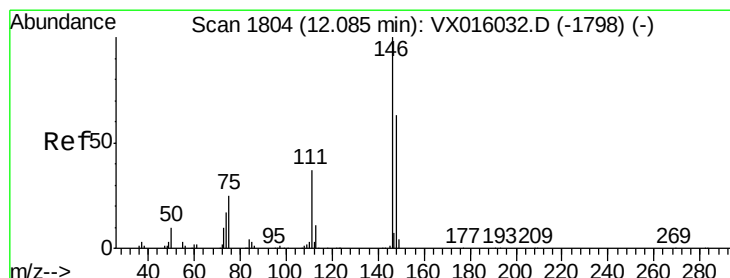
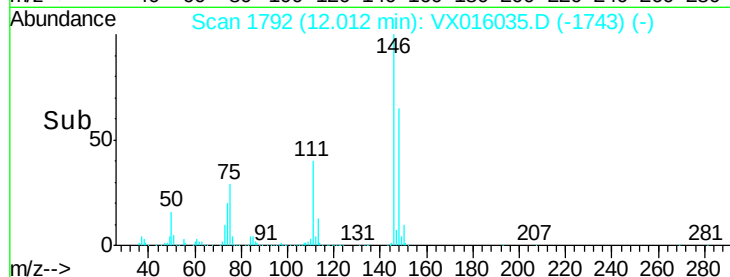
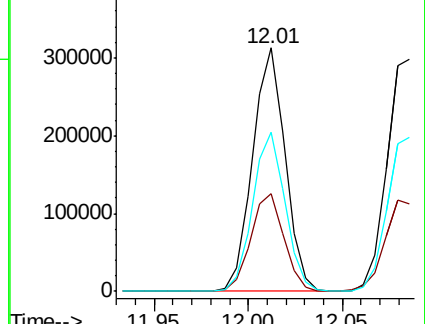
148 65.0 32.1 96.3



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: 43.721 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

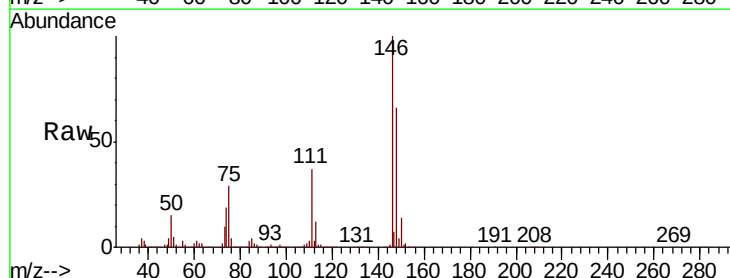
Tgt Ion:146 Resp: 376555

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

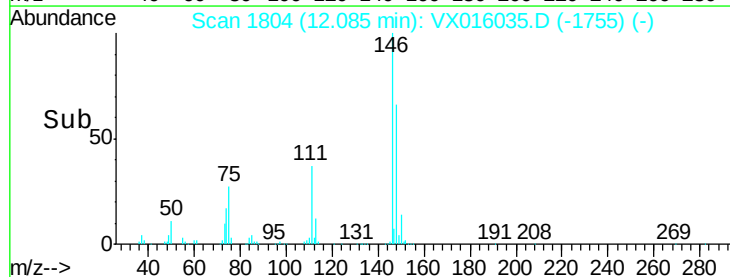
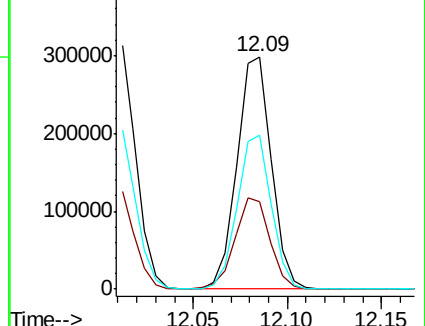
148 65.9 31.8 95.3

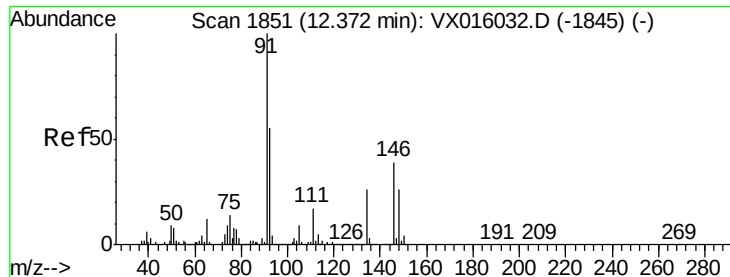


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 45.660 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVX050420

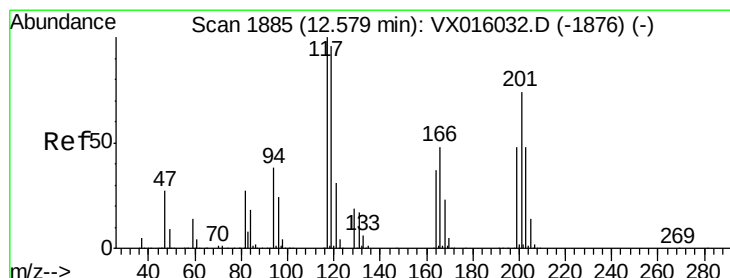
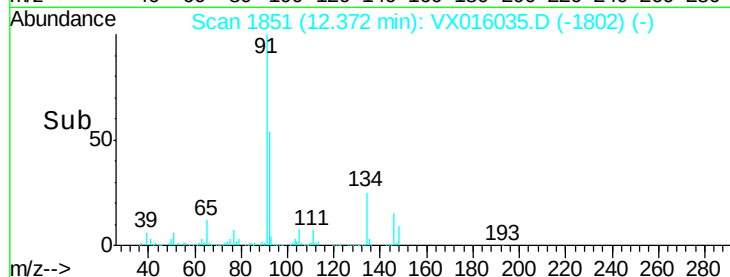
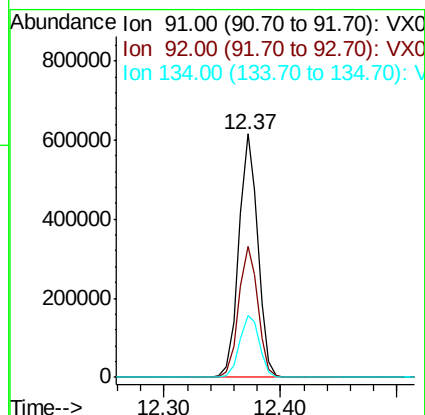
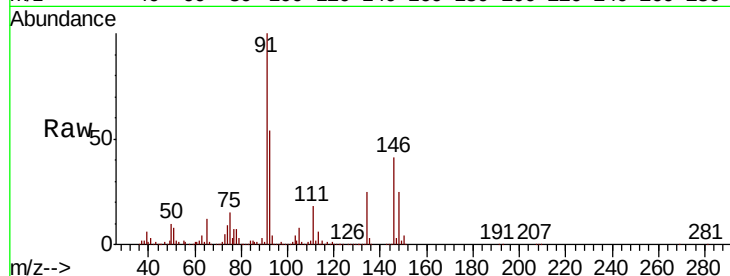
Tot Ion: 91 Resp: 696645

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 26.5 13.4 40.1



#90

Hexachloroethane

Concen: 46.627 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016035.D

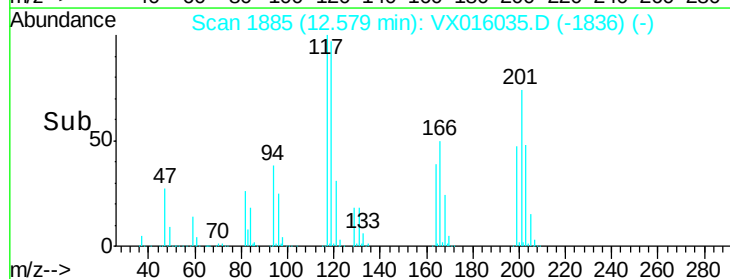
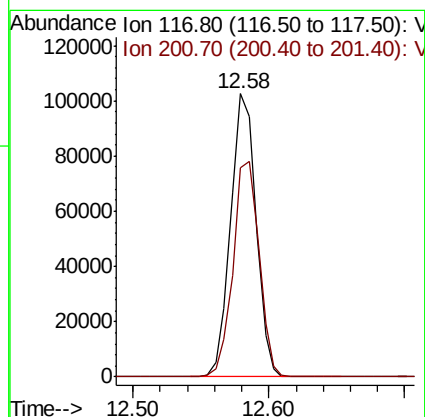
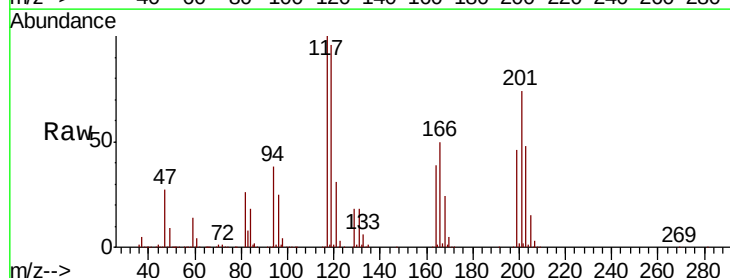
Acq: 04 May 2020 14:39

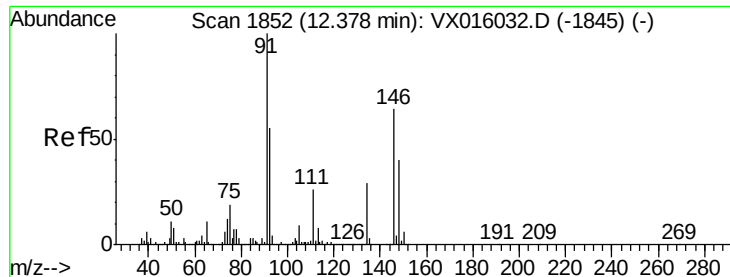
Tgt Ion: 117 Resp: 133735

Ion Ratio Lower Upper

117 100

201 77.8 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 44.620 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

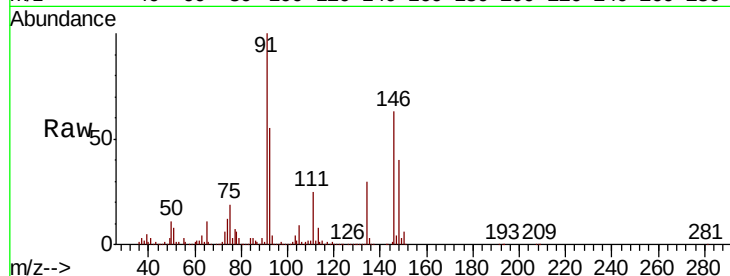
Tot Ion:146 Resp: 364577

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.1

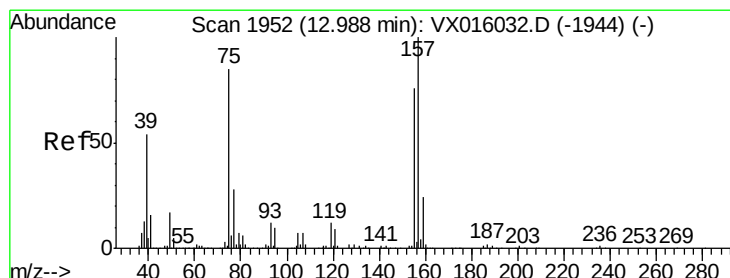
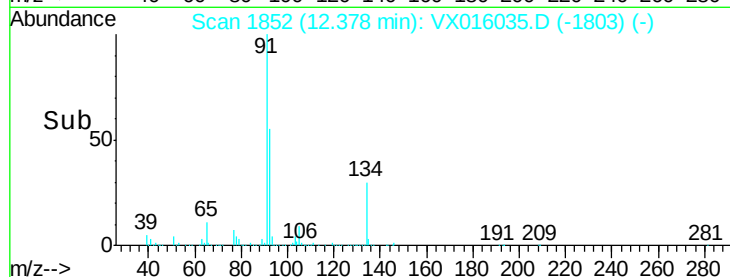
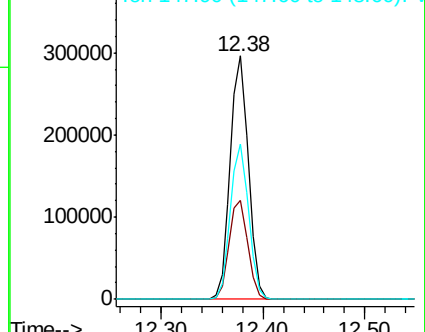
148 63.7 32.4 97.0



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: 43.829 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

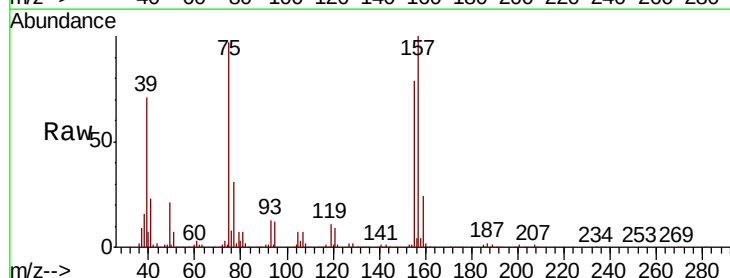
Tgt Ion: 75 Resp: 65985

Ion Ratio Lower Upper

75 100

155 89.6 42.5 127.5

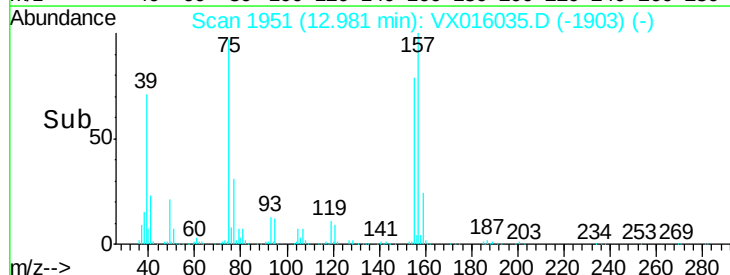
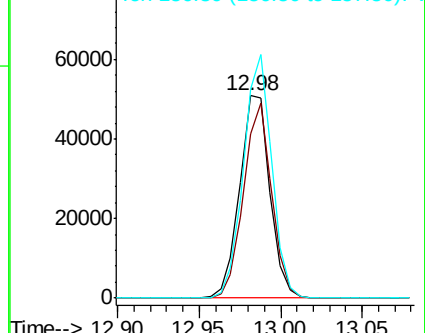
157 112.3 55.3 165.8

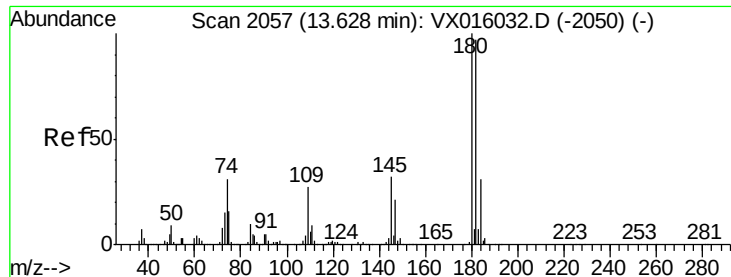


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

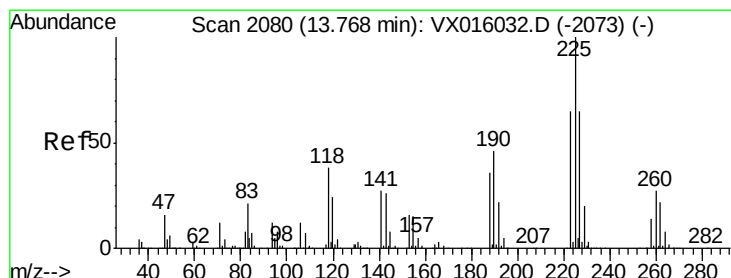
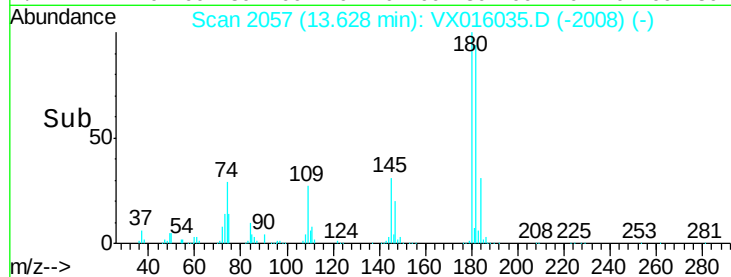
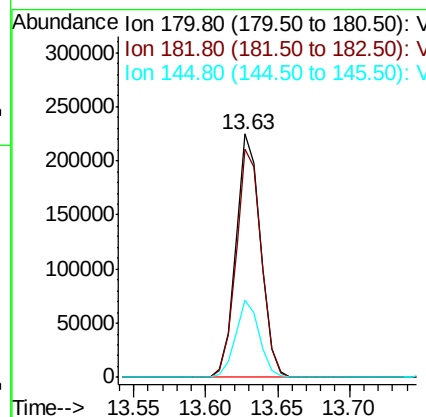
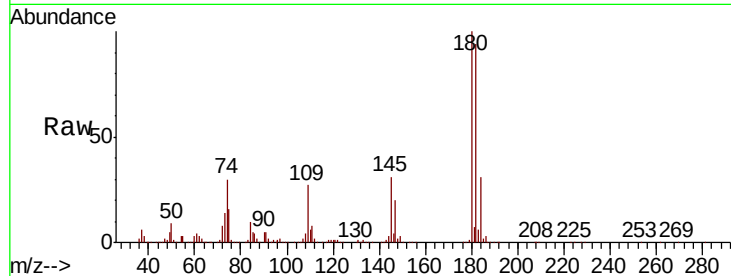




#93
 1,2,4-Trichlorobenzene
 Concen: 44.879 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

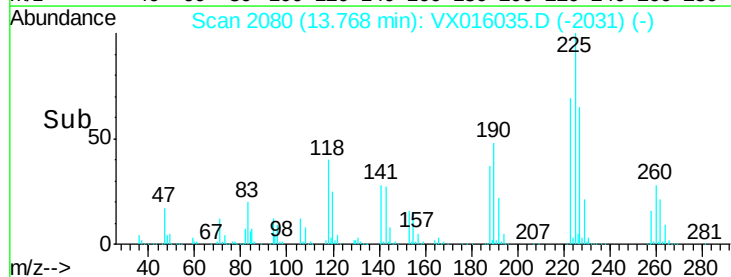
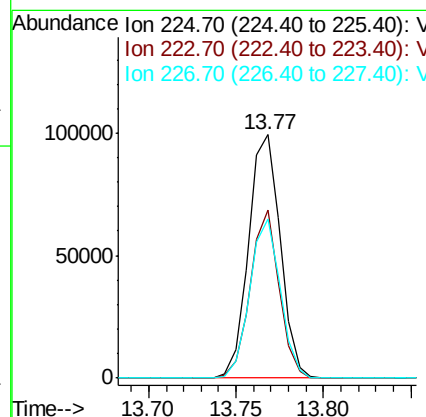
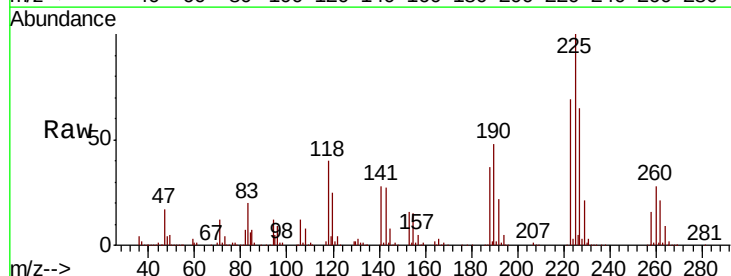
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

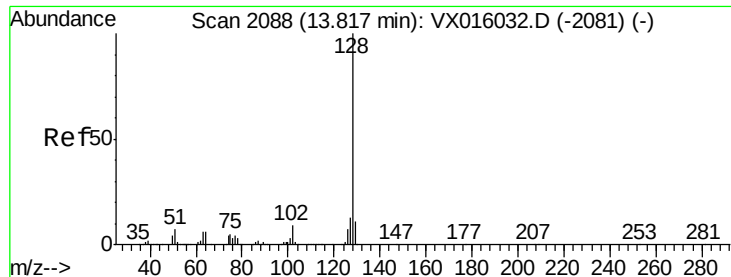
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.7	146.1
145	30.7	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 47.992 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.3	96.9
227	62.8	31.8	95.4





#95

Naphthalene

Concen: 44.792 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

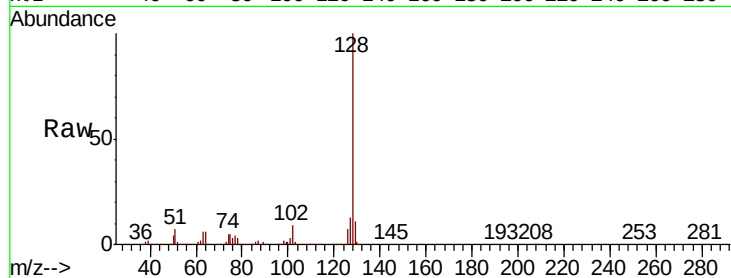
Tot Ion:128 Resp: 877364

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

800000

600000

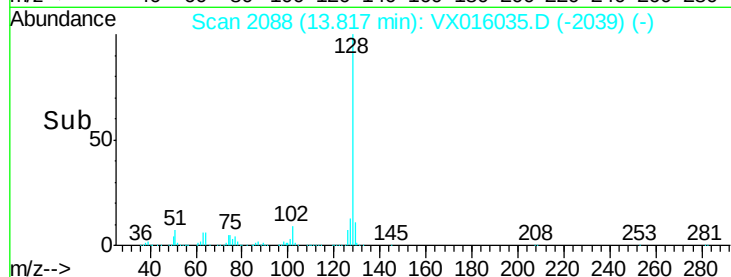
400000

200000

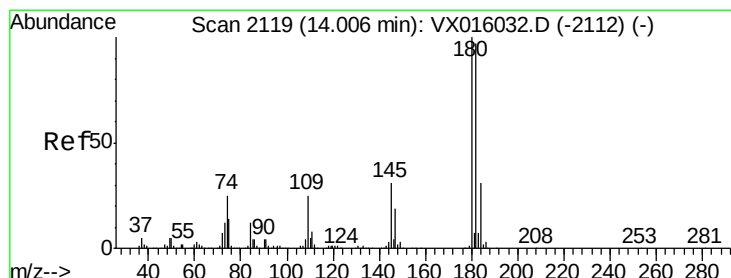
0

13.82

13.70 13.80 13.90



Time--> 13.70 13.80 13.90



#96

1,2,3-Trichlorobenzene

Concen: 44.503 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

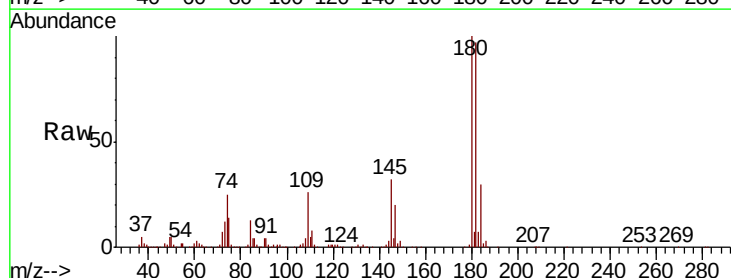
Tgt Ion:180 Resp: 263103

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.0

145 32.8 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

250000

200000

150000

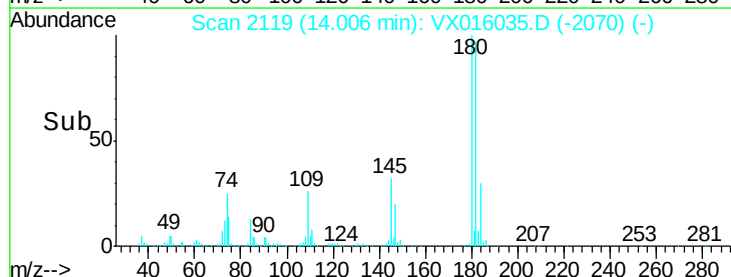
100000

50000

0

14.01

13.90 14.00 14.10



Time--> 13.90 14.00 14.10