

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016429.D
 Acq On : 26 May 2020 16:37
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Quant Time: May 26 17:56:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	256833	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	248338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	126419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	104350	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	5.46	113	84108	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.70	98	328180	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	11.12	95	123577	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	59479	48.477	ug/l	97
3) Chloromethane	1.31	50	81692	54.452	ug/l	99
4) Vinyl Chloride	1.39	62	115840	58.456	ug/l	99
5) Bromomethane	1.62	94	153504	61.493	ug/l	99
6) Chloroethane	1.70	64	82035	56.133	ug/l	100
7) Trichlorofluoromethane	1.91	101	190129	57.663	ug/l	97
8) Diethyl Ether	2.17	74	75608	56.257	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	73793	51.504	ug/l	98
10) Methyl Iodide	2.49	142	75063	46.767	ug/l	99
11) Tert butyl alcohol	3.01	59	117241	258.983	ug/l	100
12) 1,1-Dichloroethene	2.35	96	76083	51.928	ug/l	99
13) Acrolein	2.27	56	80709	360.158	ug/l	99
14) Allyl chloride	2.70	41	126625	52.903	ug/l	100
15) Acrylonitrile	3.11	53	243342	269.951	ug/l	99
16) Acetone	2.42	43	210133	269.394	ug/l	100
17) Carbon Disulfide	2.54	76	225841	52.088	ug/l	100
18) Methyl Acetate	2.75	43	101459	53.335	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	282276	55.278	ug/l	99
20) Methylene Chloride	2.83	84	86875	51.632	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	87648	52.641	ug/l	92
22) Diisopropyl ether	3.82	45	271015	56.208	ug/l	98
23) Vinyl Acetate	3.78	43	1214239	281.603	ug/l	100
24) 1,1-Dichloroethane	3.67	63	154991	54.195	ug/l	99
25) 2-Butanone	4.63	43	349721	275.936	ug/l	100
26) 2,2-Dichloropropane	4.54	77	138590	53.315	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	103285	54.447	ug/l	98
28) Bromochloromethane	4.98	49	73058	53.292	ug/l	98
29) Tetrahydrofuran	5.09	42	232592	283.163	ug/l	99
30) Chloroform	5.17	83	171520	57.073	ug/l	100
31) Cyclohexane	5.54	56	136818	56.369	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	156057	56.712	ug/l	100
36) 1,1-Dichloropropene	5.76	75	125653	55.186	ug/l	99
37) Ethyl Acetate	4.79	43	134921	53.620	ug/l	99
38) Carbon Tetrachloride	5.75	117	138476	56.115	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	142909	56.668	ug/l	98
40) Benzene	6.11	78	371751	54.703	ug/l	100
41) Methacrylonitrile	5.00	41	70456	52.366	ug/l	97
42) 1,2-Dichloroethane	6.16	62	136508	55.031	ug/l	100
43) Isopropyl Acetate	6.41	43	221773	54.943	ug/l	100
44) Trichloroethene	7.18	130	121016	54.326	ug/l	99
45) 1,2-Dichloropropane	7.49	63	93273	54.956	ug/l	98
46) Dibromomethane	7.63	93	67265	54.389	ug/l	98
47) Bromodichloromethane	7.87	83	138978	55.639	ug/l	97
48) Methyl methacrylate	7.74	41	101646	55.261	ug/l	99
49) 1,4-Dioxane	7.71	88	49507	1045.965	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	703523	275.787	ug/l	100
52) Toluene	8.76	92	251892	57.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	158576	55.783	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	158875	54.361	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	99335	55.866	ug/l	97
56) Ethyl methacrylate	9.16	69	154406	57.705	ug/l	99
57) 1,3-Dichloropropane	9.35	76	163785	55.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	412670	289.141	ug/l	100
59) 2-Hexanone	9.48	43	546578	278.263	ug/l	100
60) Dibromochloromethane	9.57	129	116682	57.066	ug/l	99
61) 1,2-Dibromoethane	9.65	107	112021	57.408	ug/l	100
64) Tetrachloroethene	9.32	164	136246	52.662	ug/l	93
65) Chlorobenzene	10.12	112	273977	55.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	105754	55.595	ug/l	99
67) Ethyl Benzene	10.24	91	479140	56.169	ug/l	99
68) m/p-Xylenes	10.34	106	379659	113.815	ug/l	99
69) o-Xylene	10.68	106	178754	56.390	ug/l	99
70) Styrene	10.70	104	304580	56.914	ug/l	99
71) Bromoform	10.84	173	89557	57.029	ug/l #	99
73) Isopropylbenzene	11.00	105	467937	54.825	ug/l	100
74) N-amyl acetate	10.88	43	192819	53.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	117784	54.631	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	187082	71.300	ug/l	83
77) Bromobenzene	11.24	156	124024	56.119	ug/l	98
78) n-propylbenzene	11.35	91	523153	54.214	ug/l	100
79) 2-Chlorotoluene	11.40	91	310918	54.160	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	388445	54.437	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	57406	52.613	ug/l	99
82) 4-Chlorotoluene	11.49	91	375799	54.430	ug/l	100
83) tert-Butylbenzene	11.76	119	340143	55.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	395726	55.029	ug/l	99
85) sec-Butylbenzene	11.93	105	433016	56.016	ug/l	99
86) p-Isopropyltoluene	12.05	119	404637	56.029	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	216009	55.058	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	214273	53.954	ug/l	99
89) n-Butylbenzene	12.37	91	343572	54.836	ug/l	99
90) Hexachloroethane	12.58	117	73236	55.957	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	210913	54.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35901	53.812	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration

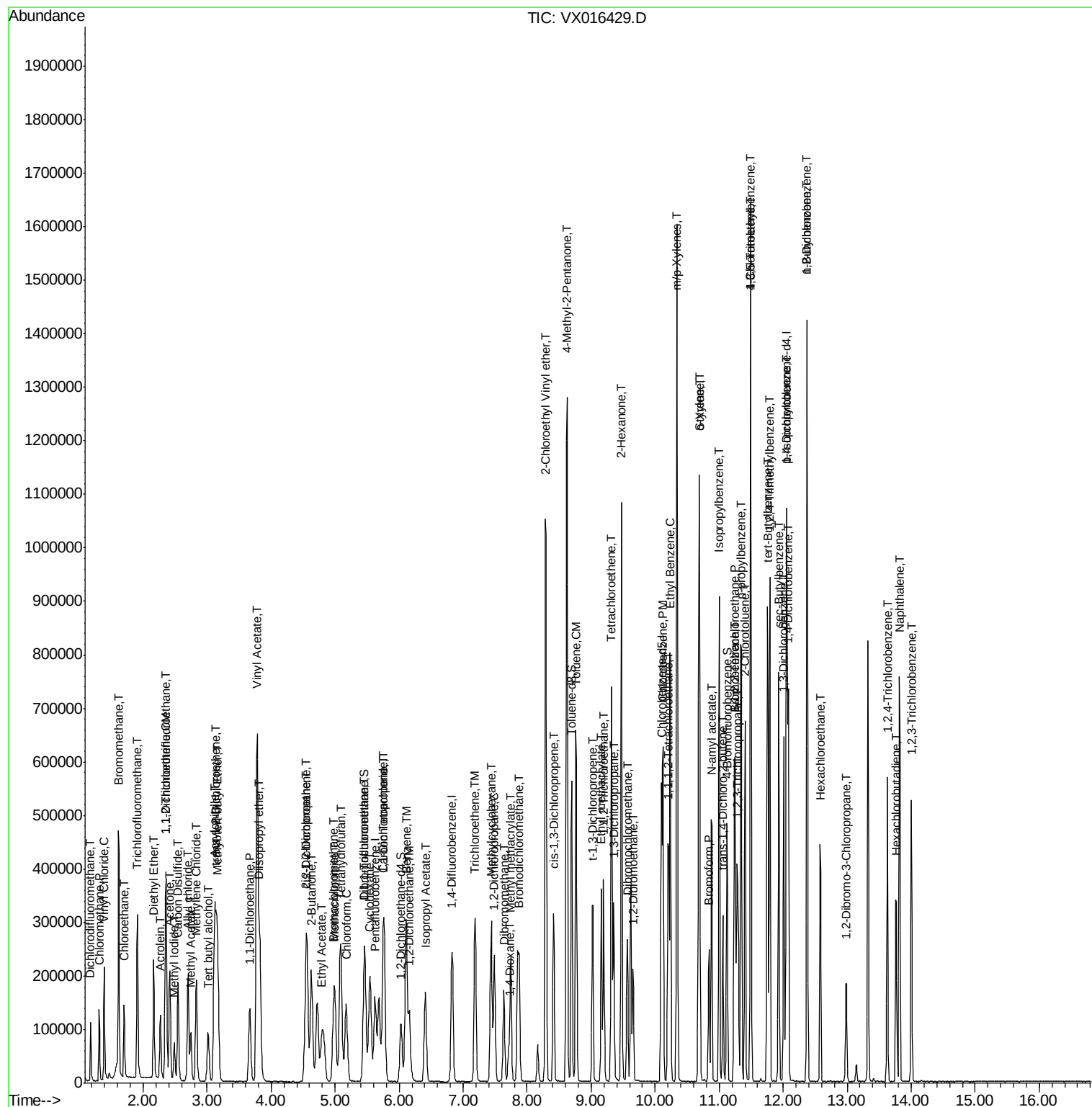
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	128907	53.569	ug/l	99
94) Hexachlorobutadiene	13.77	225	48430	55.813	ug/l	96
95) Naphthalene	13.82	128	468861	54.375	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127441	54.794	ug/l	100

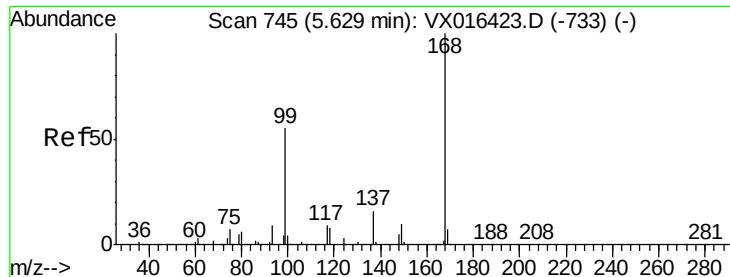
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016429.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

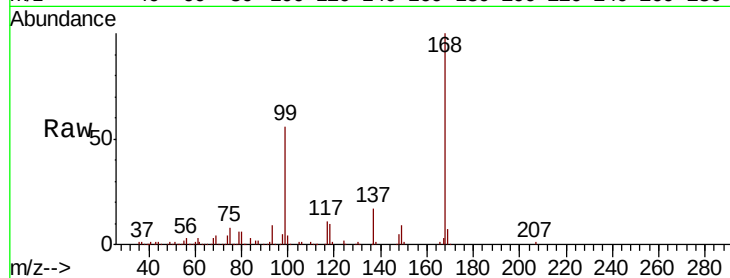
ICVVX052620

Tot Ion:168 Resp: 151186

Ion Ratio Lower Upper

168 100

99 55.5 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

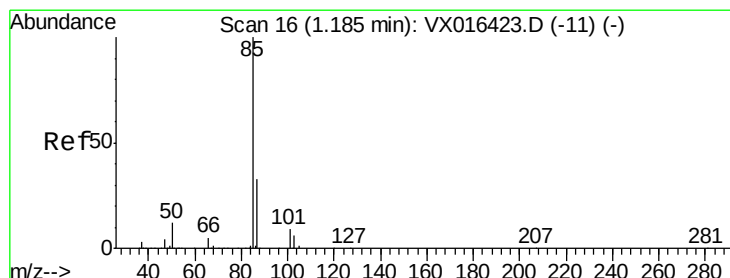
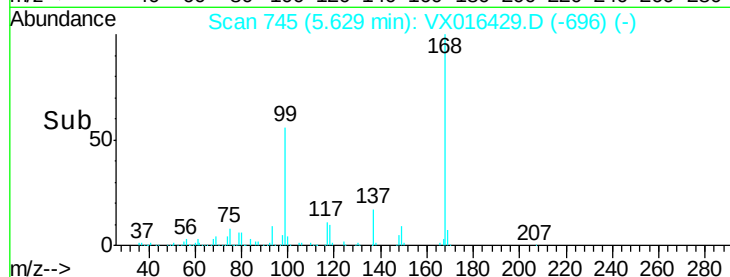
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.477 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016429.D

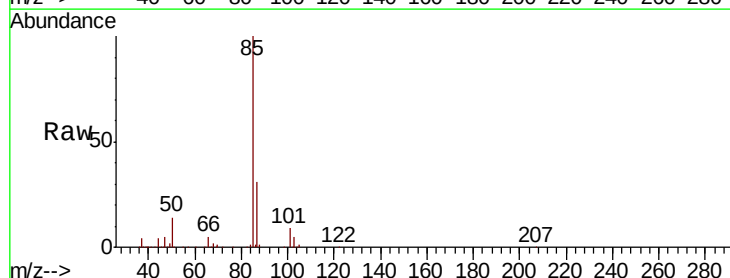
Acq: 26 May 2020 16:37

Tgt Ion: 85 Resp: 59479

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

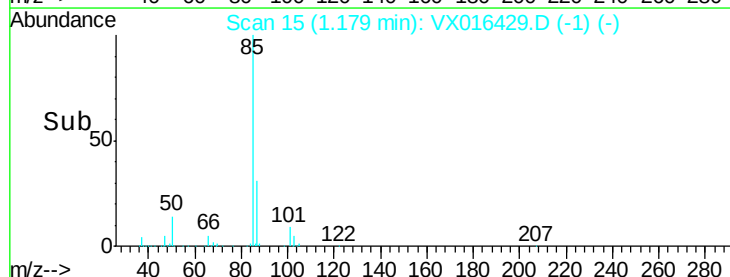
60000

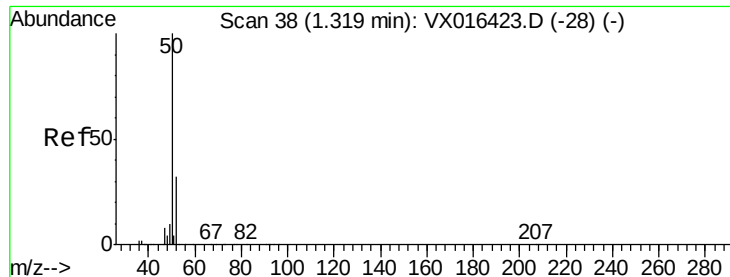
40000

20000

0

Time-->





#3

Chloromethane

Concen: 54.452 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

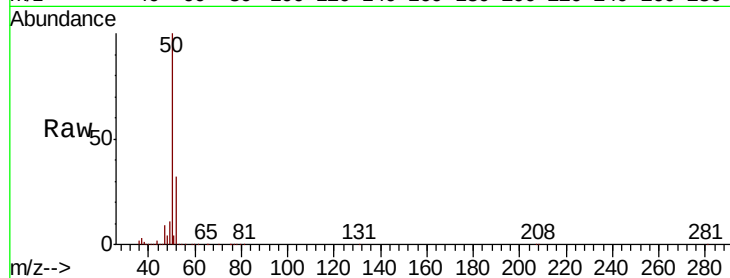
ICVVX052620

Tot Ion: 50 Resp: 81692

Ion Ratio Lower Upper

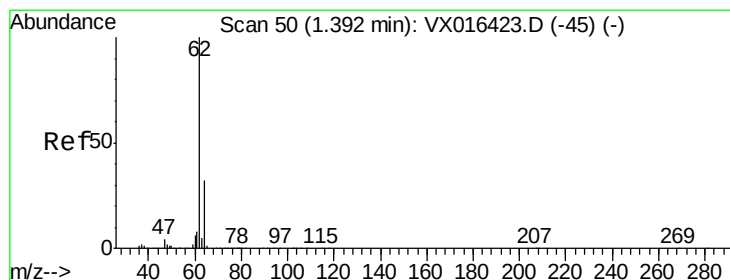
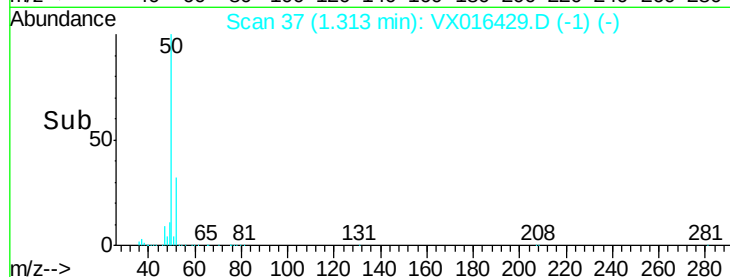
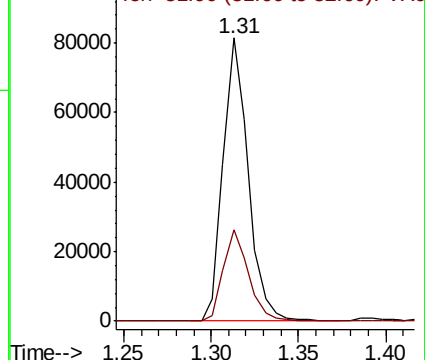
50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.456 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016429.D

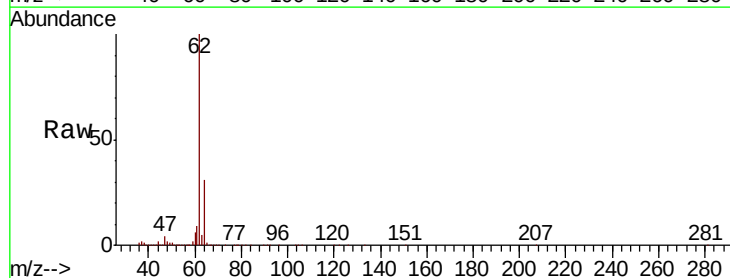
Acq: 26 May 2020 16:37

Tgt Ion: 62 Resp: 115840

Ion Ratio Lower Upper

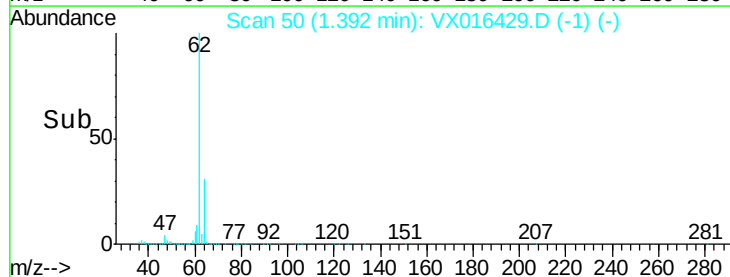
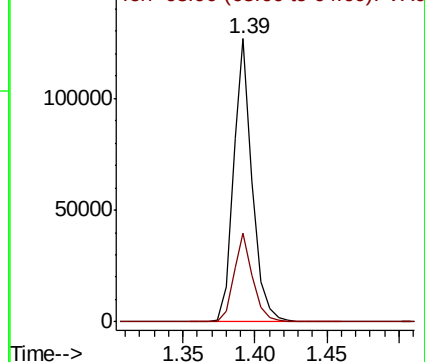
62 100

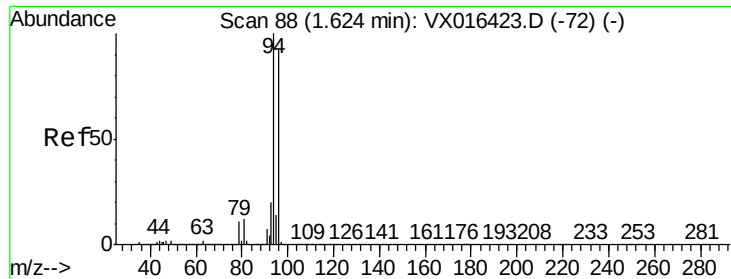
64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 61.493 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

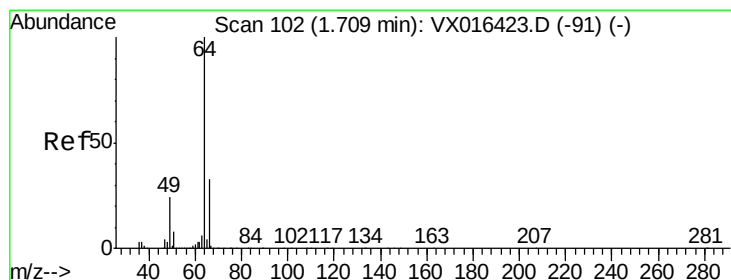
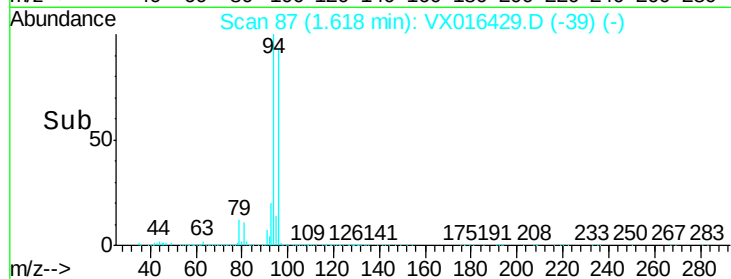
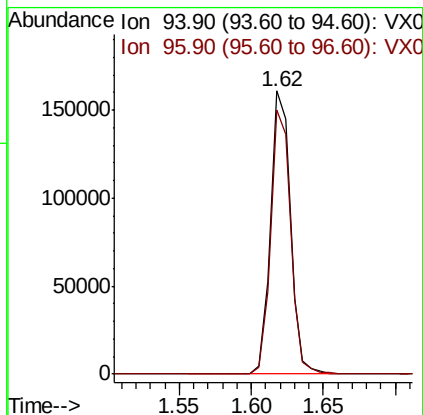
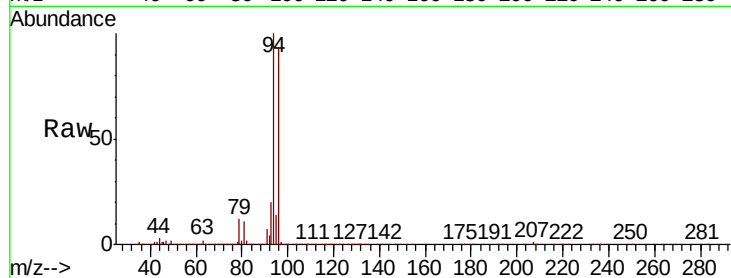
ICVVX052620

Tot Ion: 94 Resp: 153504

Ion Ratio Lower Upper

94 100

96 93.1 73.7 110.5



#6

Chloroethane

Concen: 56.133 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016429.D

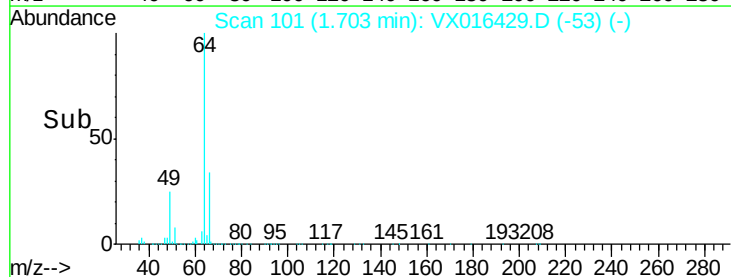
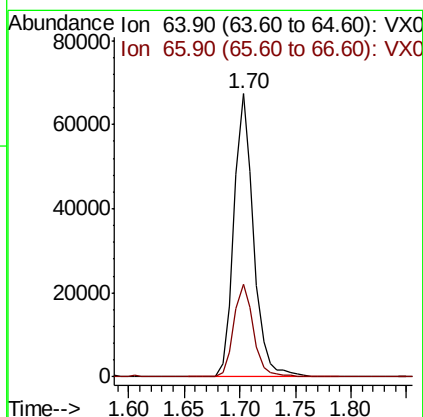
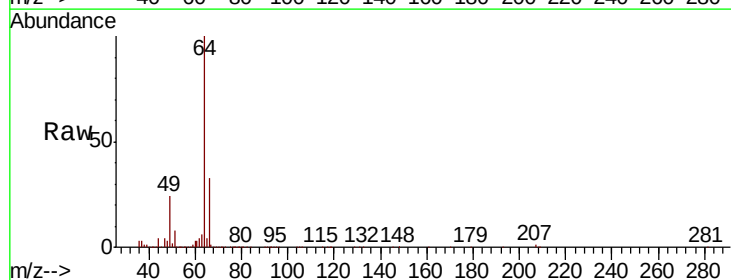
Acq: 26 May 2020 16:37

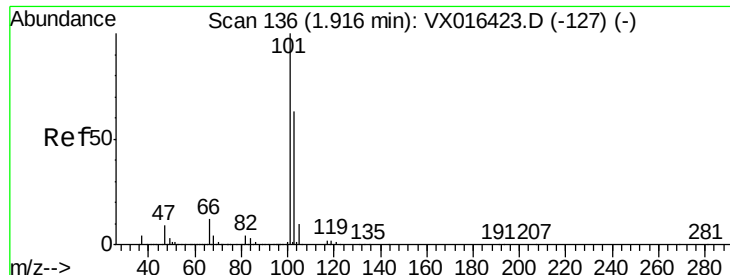
Tgt Ion: 64 Resp: 82035

Ion Ratio Lower Upper

64 100

66 32.6 26.0 39.0



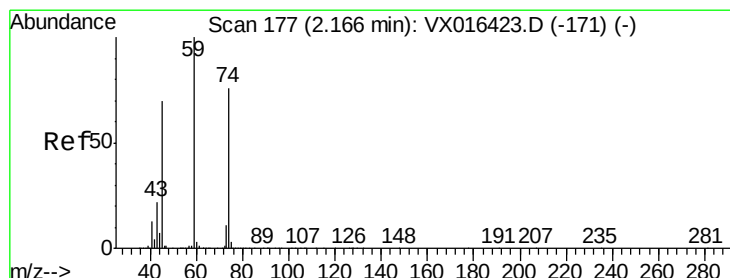
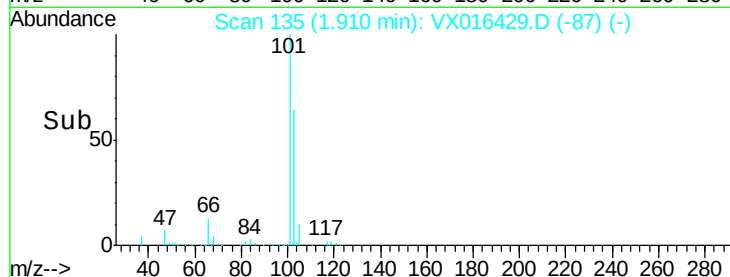
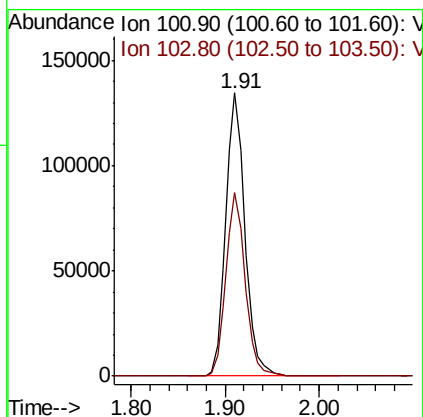
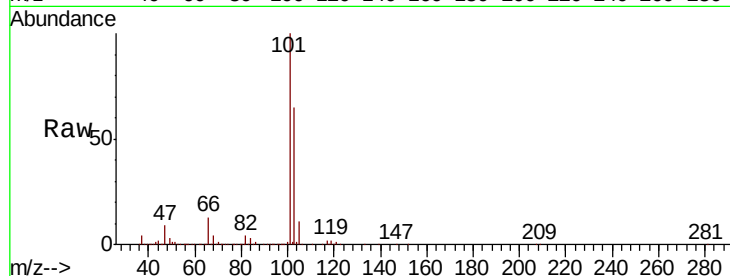


#7

Trichlorofluoromethane
Concen: 57.663 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
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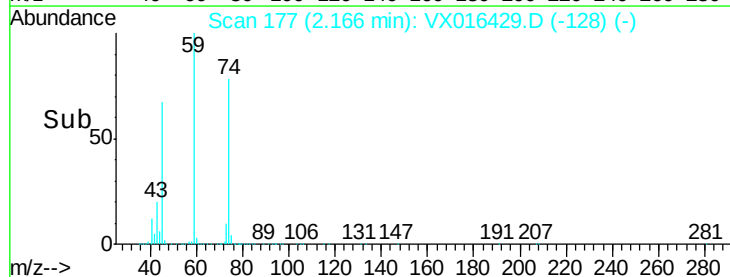
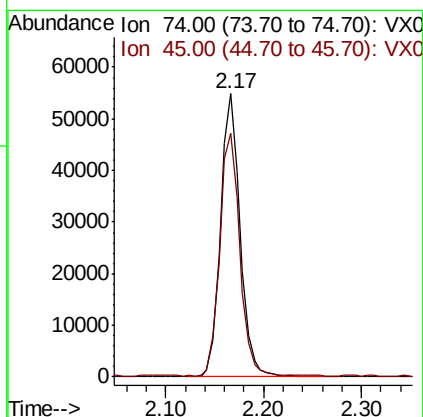
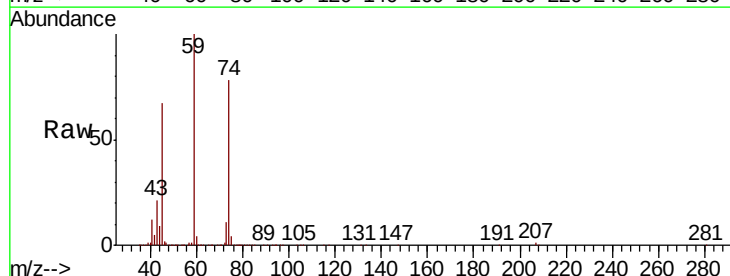
Tot Ion:101 Resp: 190129
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

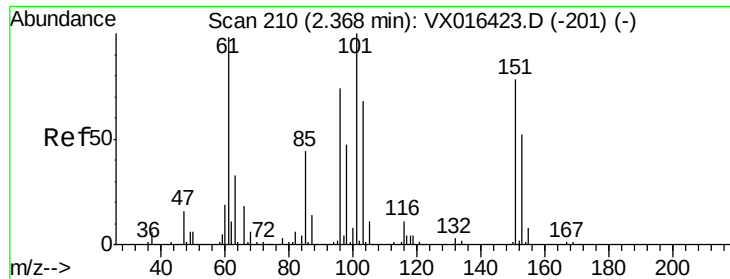


#8

Diethyl Ether
Concen: 56.257 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 74 Resp: 75608
Ion Ratio Lower Upper
74 100
45 88.4 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.504 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX052620

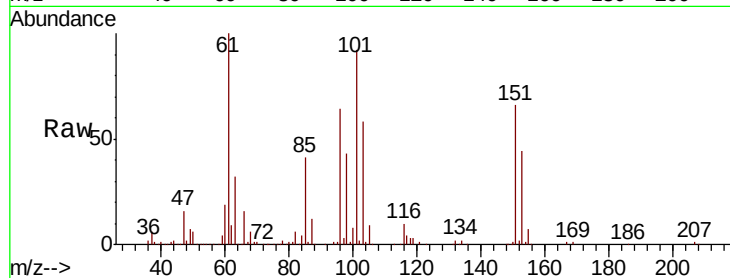
Tot Ion:101 Resp: 73793

Ion Ratio Lower Upper

101 100

85 46.0 36.2 54.4

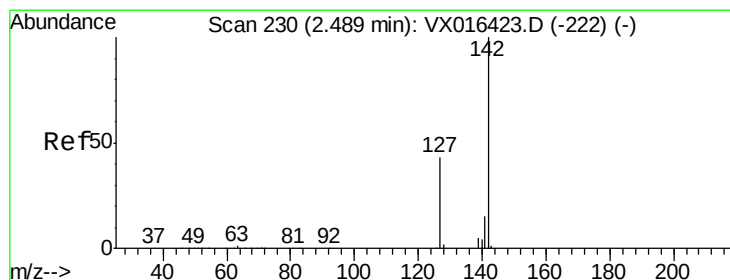
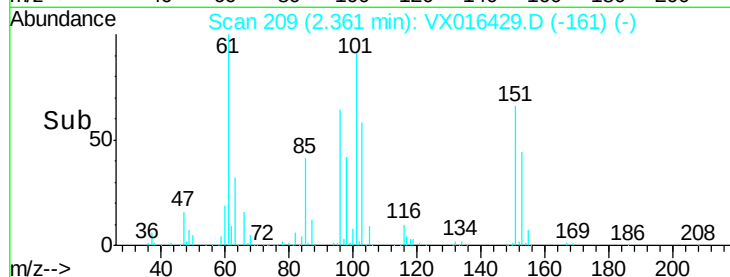
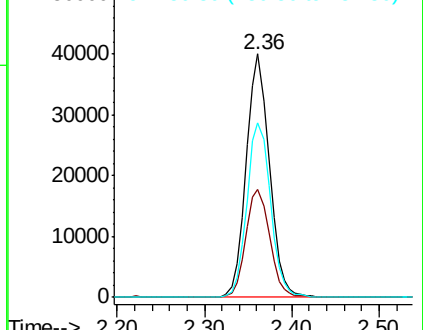
151 73.5 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.767 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

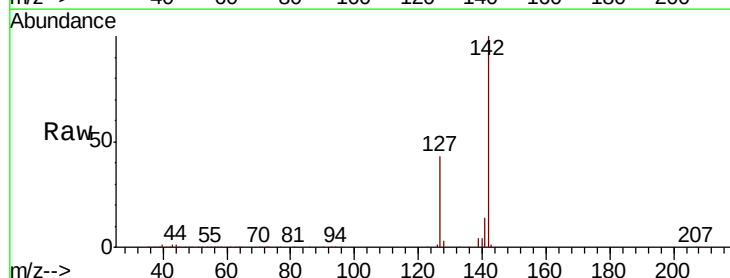
Tgt Ion:142 Resp: 75063

Ion Ratio Lower Upper

142 100

127 44.9 36.2 54.4

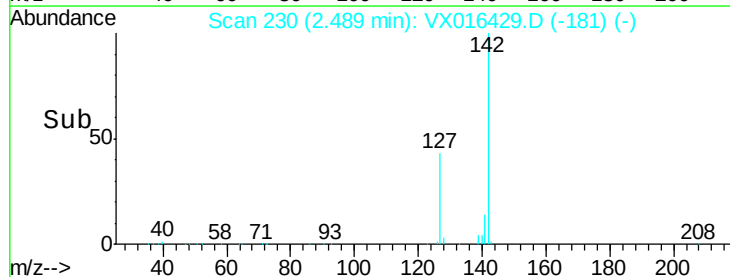
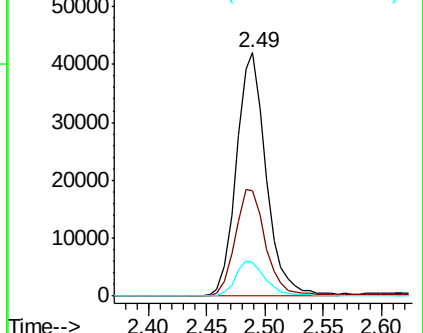
141 14.5 12.2 18.2

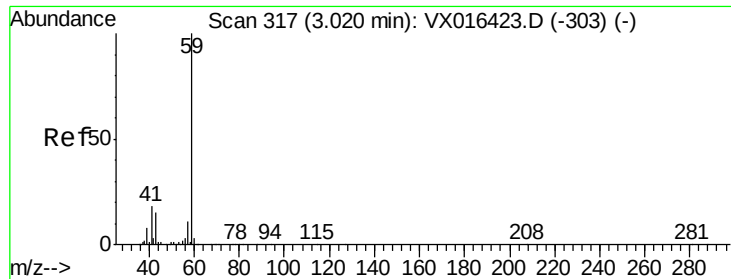


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



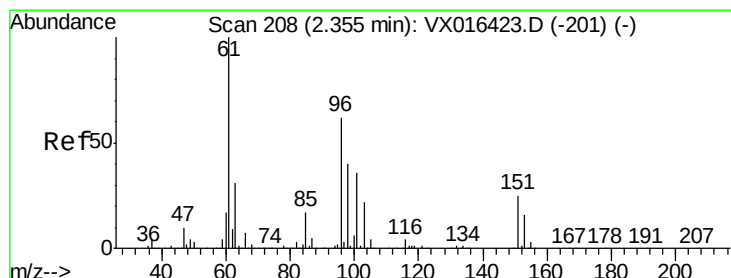
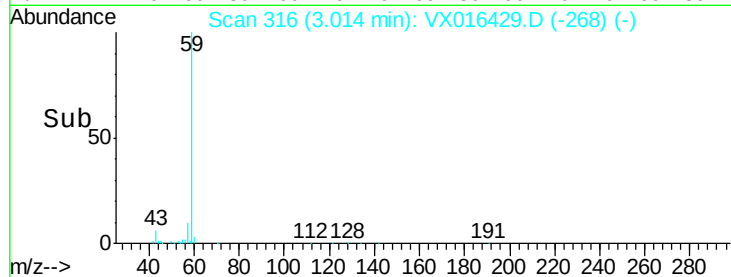
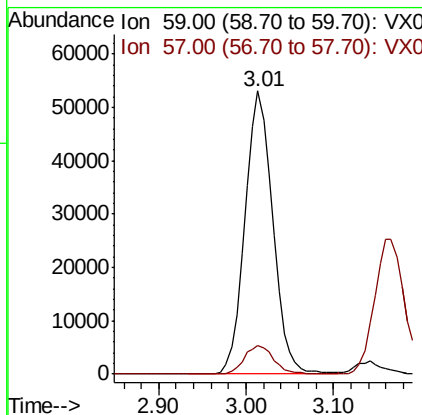
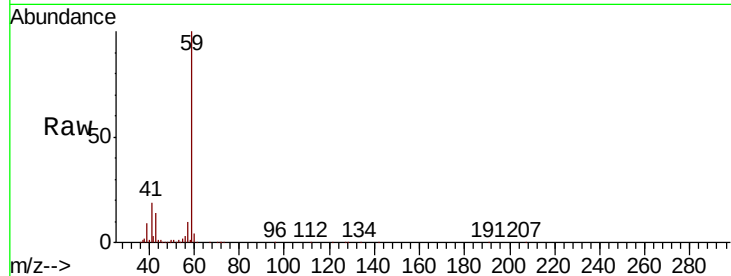


#11

Tert butyl alcohol
 Concen: 258.983 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

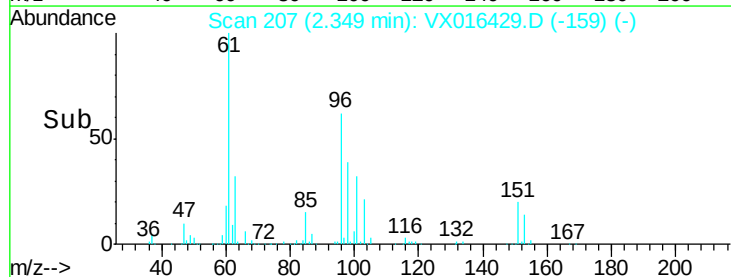
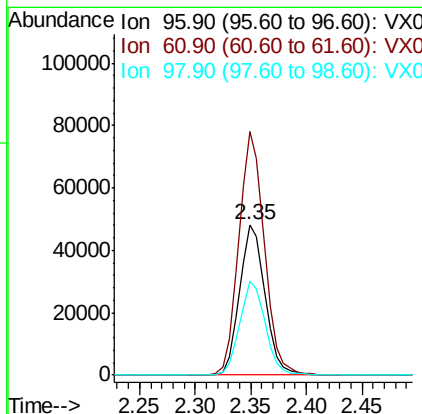
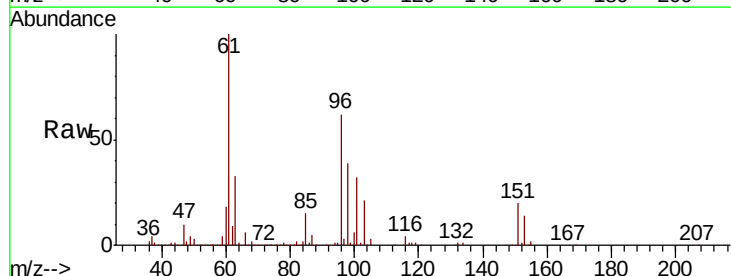
Tot Ion: 59 Resp: 117241
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

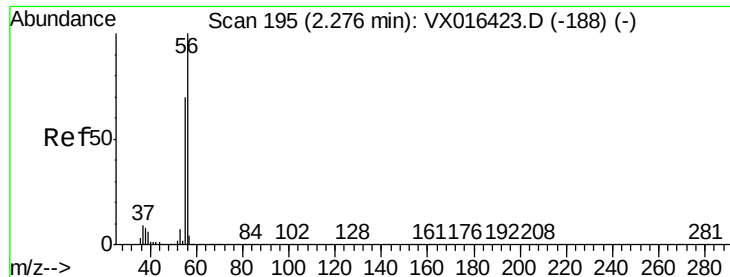


#12

1,1-Dichloroethene
 Concen: 51.928 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion: 96 Resp: 76083
 Ion Ratio Lower Upper
 96 100
 61 162.3 128.2 192.4
 98 63.0 50.8 76.2





#13

Acrolein

Concen: 360.158 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

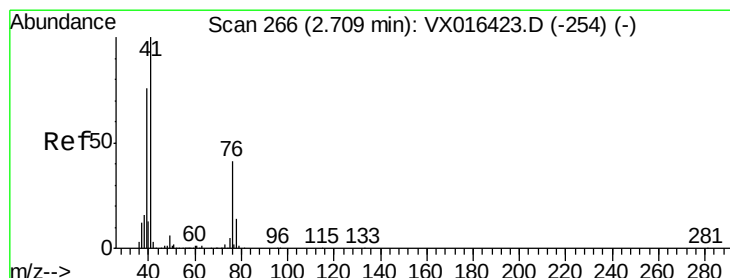
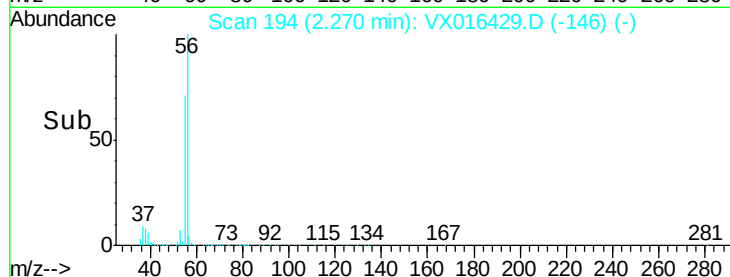
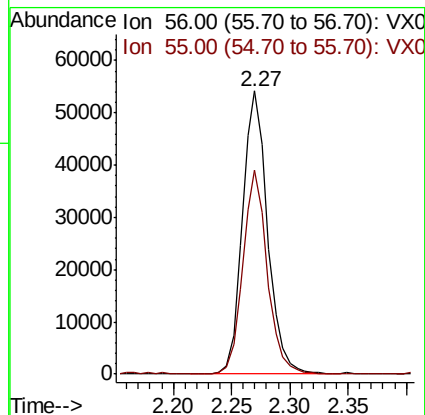
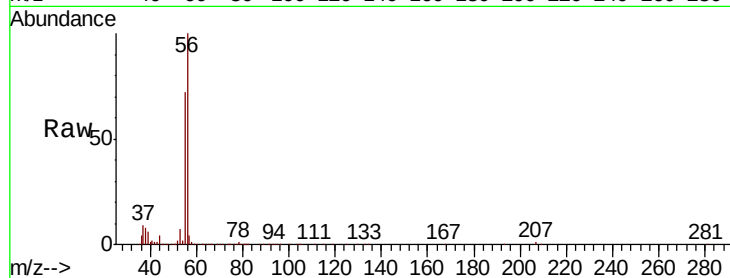
ICVVX052620

Tot Ion: 56 Resp: 80709

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Allyl chloride

Concen: 52.903 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

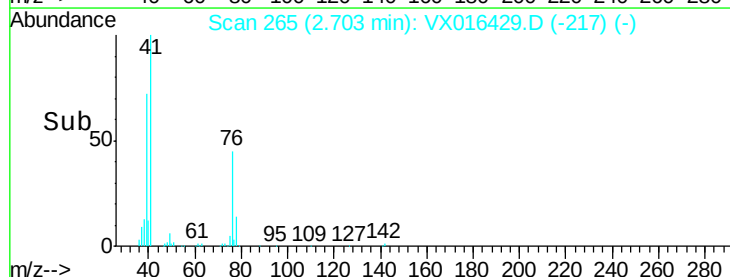
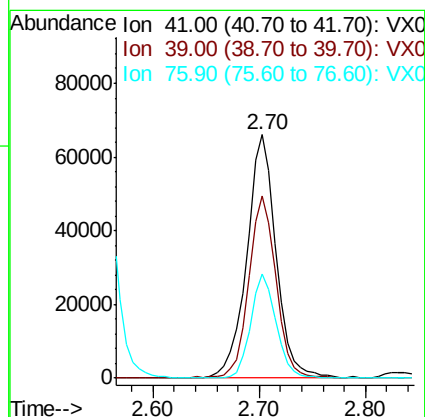
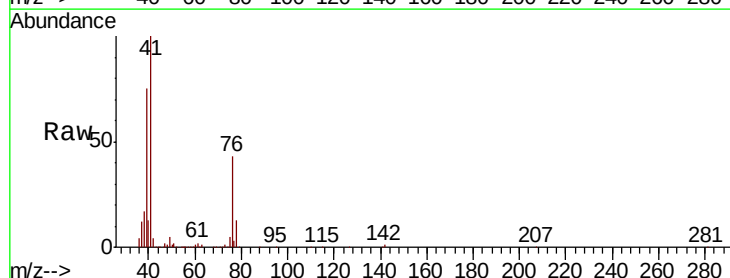
Tgt Ion: 41 Resp: 126625

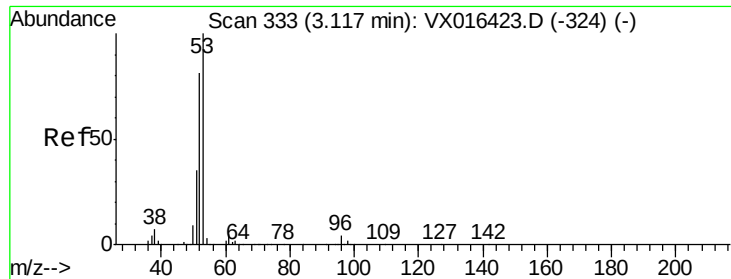
Ion Ratio Lower Upper

41 100

39 70.0 55.8 83.8

76 37.5 29.6 44.4





#15

Acrylonitrile

Concen: 269.951 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

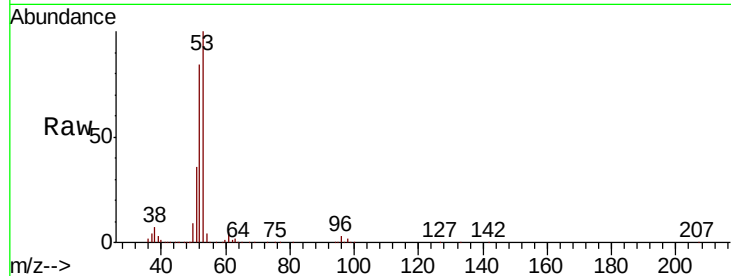
Tot Ion: 53 Resp: 243342

Ion Ratio Lower Upper

53 100

52 82.1 65.4 98.2

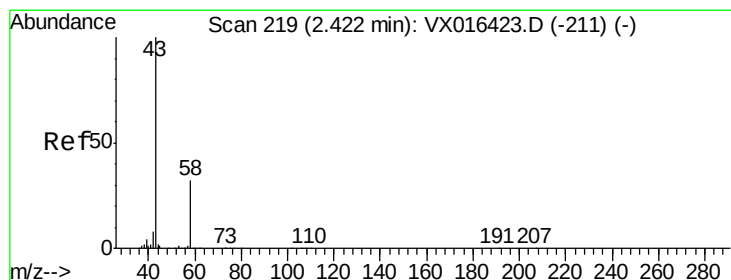
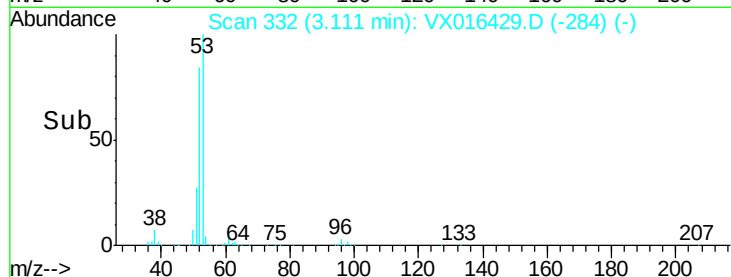
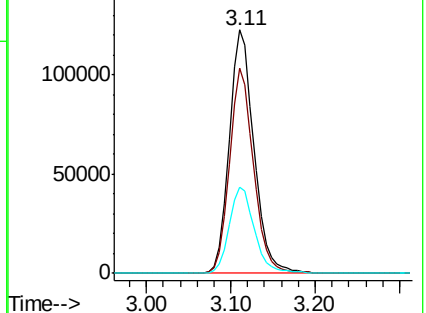
51 36.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 269.394 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016429.D

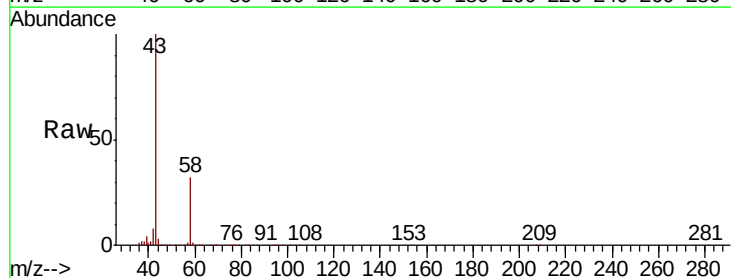
Acq: 26 May 2020 16:37

Tgt Ion: 43 Resp: 210133

Ion Ratio Lower Upper

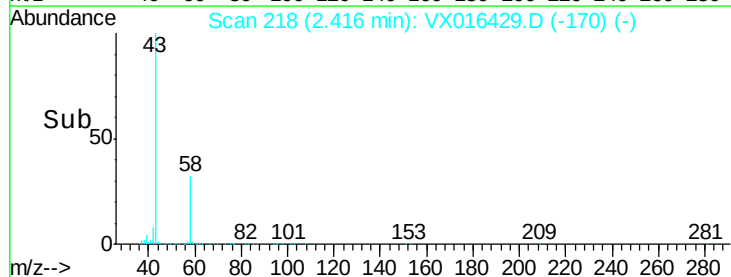
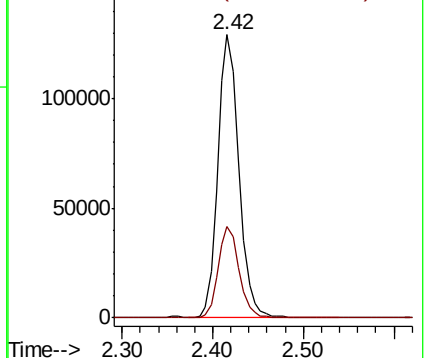
43 100

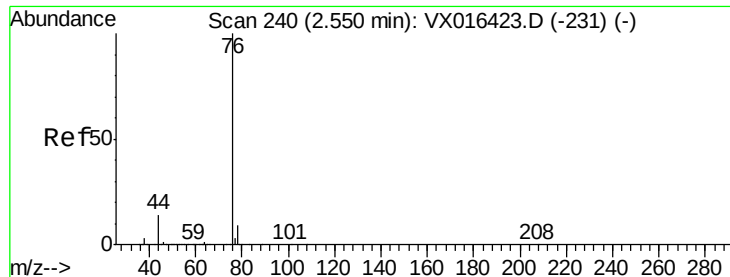
58 32.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 52.088 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

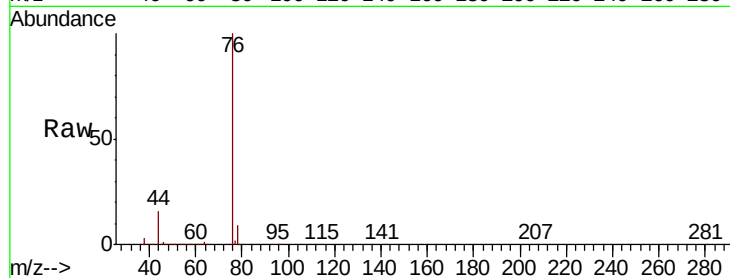
ICVVX052620

Tot Ion: 76 Resp: 225841

Ion Ratio Lower Upper

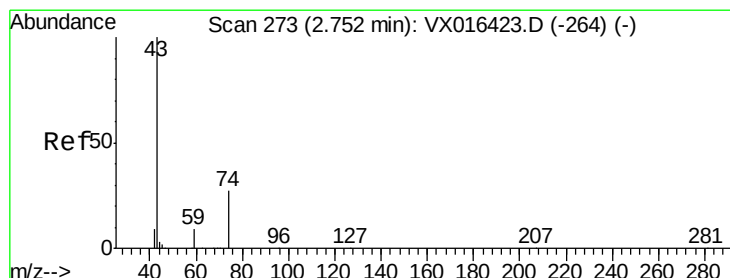
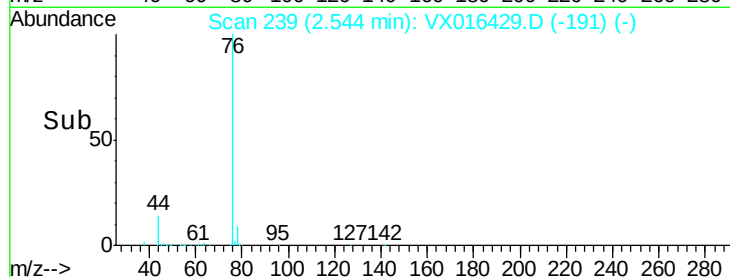
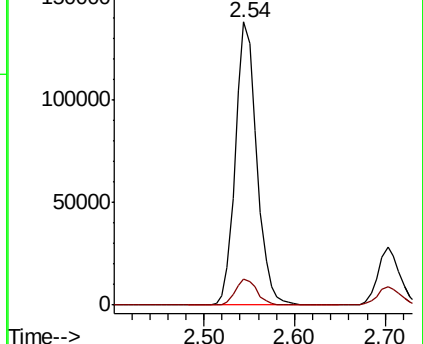
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.335 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016429.D

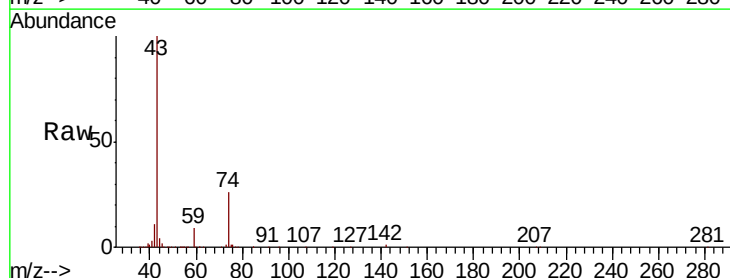
Acq: 26 May 2020 16:37

Tgt Ion: 43 Resp: 101459

Ion Ratio Lower Upper

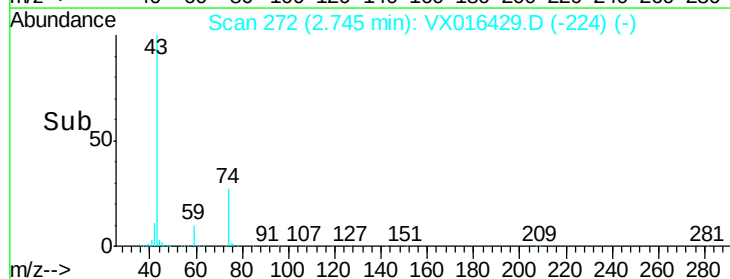
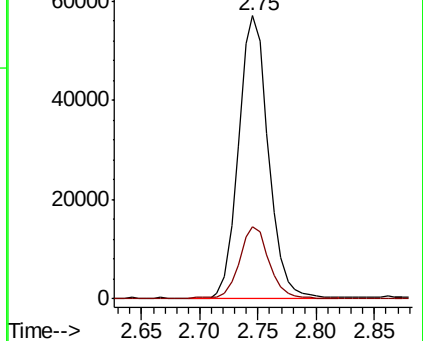
43 100

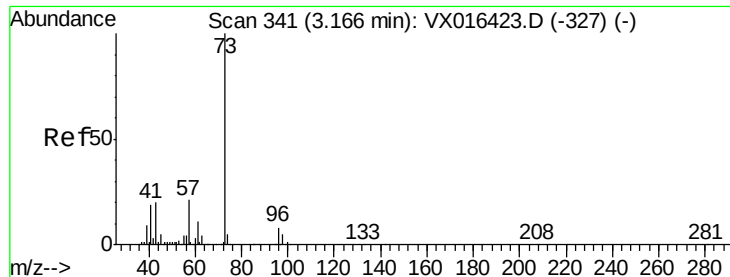
74 26.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

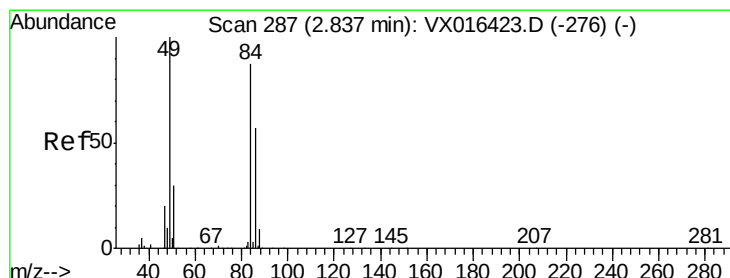
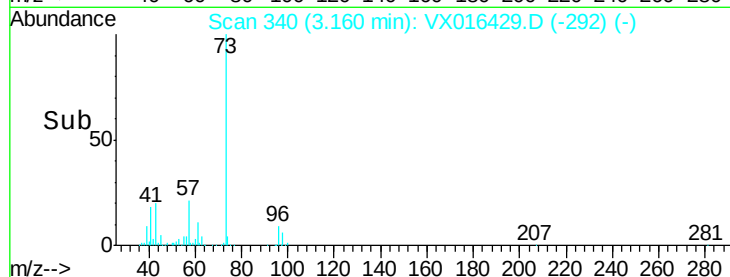
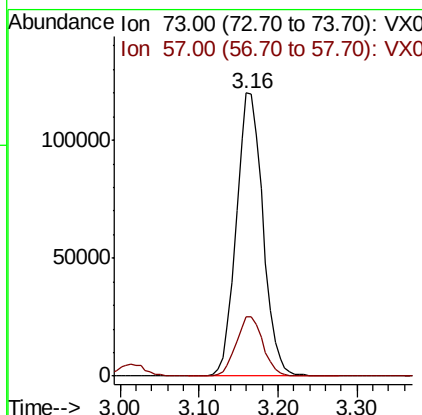
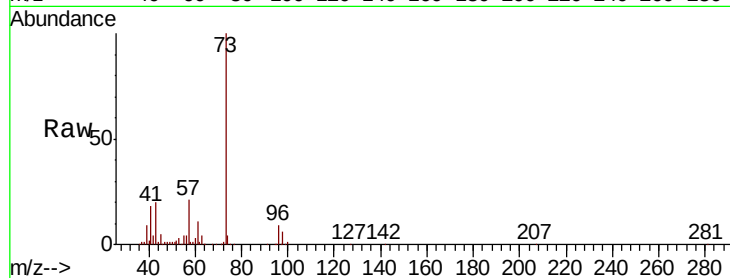




#19
Methyl tert-butyl Ether
Concen: 55.278 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

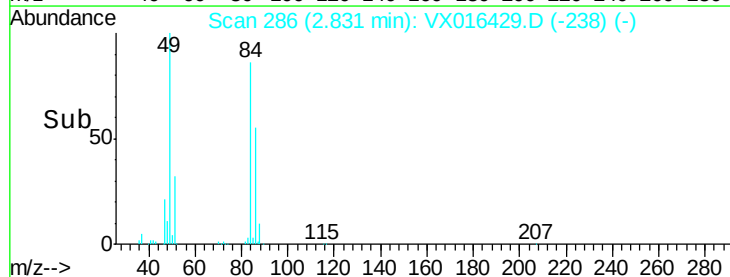
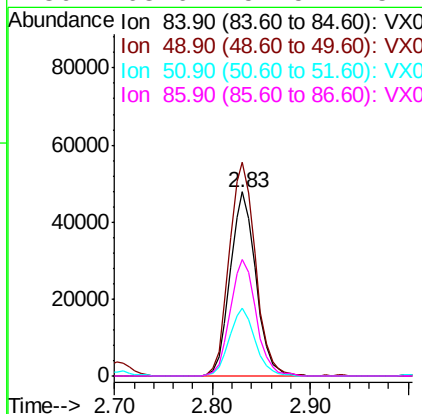
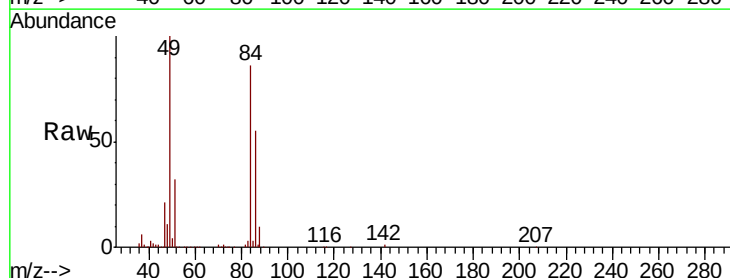
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

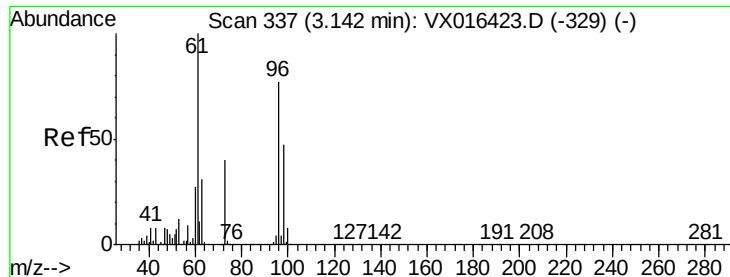
Tot Ion: 73 Resp: 282276
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 51.632 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 84 Resp: 86875
Ion Ratio Lower Upper
84 100
49 116.1 92.2 138.4
51 36.8 27.8 41.8
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 52.641 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

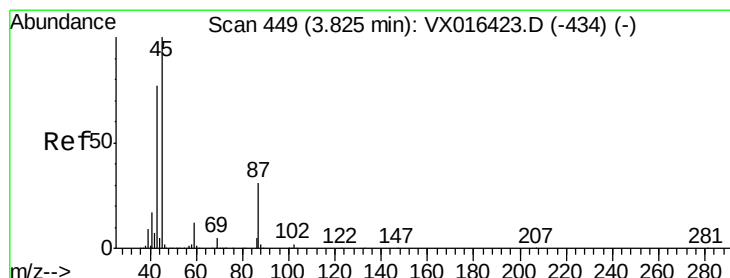
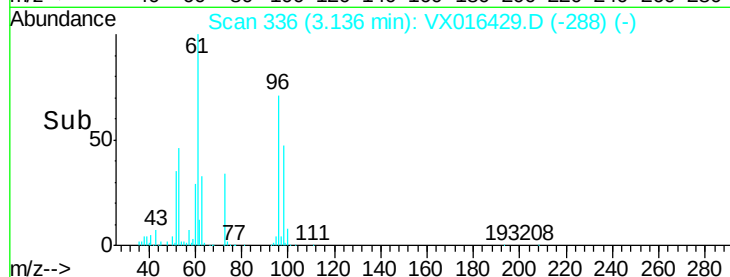
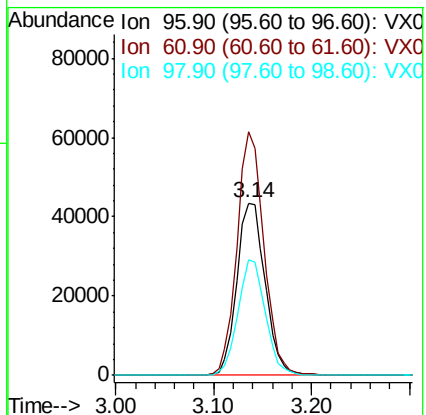
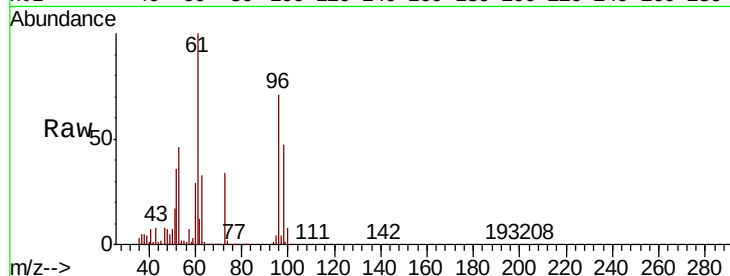
Tot Ion: 96 Resp: 87648

Ion Ratio Lower Upper

96 100

61 141.2 104.3 156.5

98 66.8 49.4 74.0



#22

Diisopropyl ether

Concen: 56.208 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion: 45 Resp: 271015

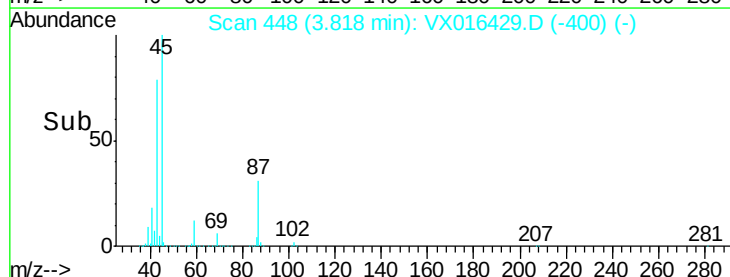
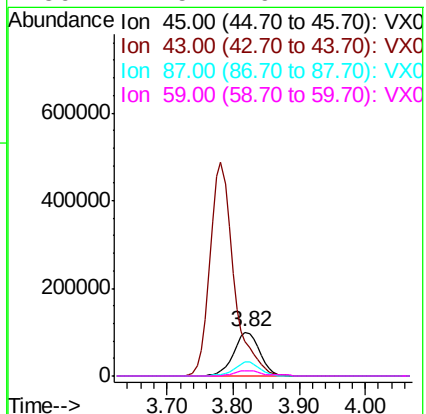
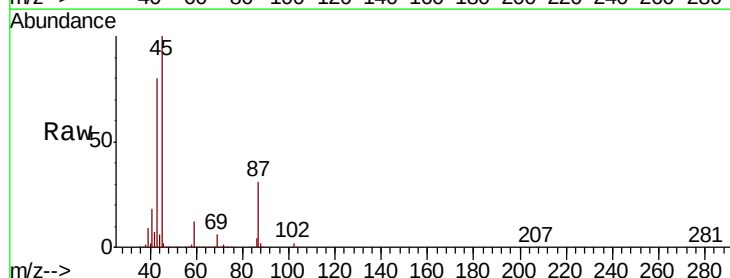
Ion Ratio Lower Upper

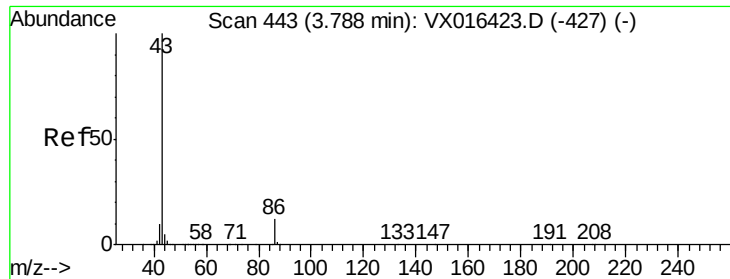
45 100

43 79.2 61.4 92.2

87 31.3 24.4 36.6

59 11.5 9.4 14.2

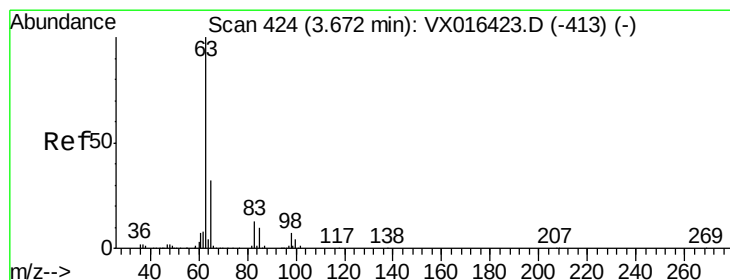
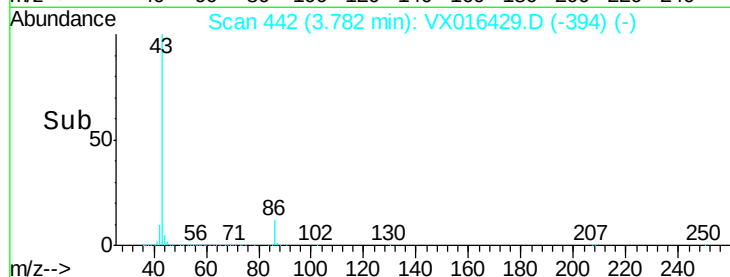
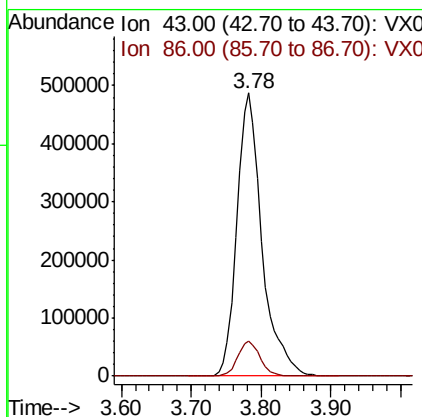
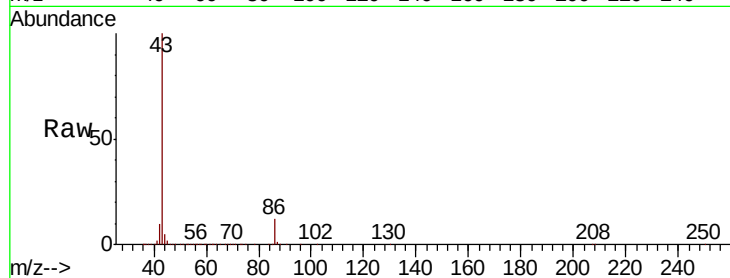




#23
 Vinyl Acetate
 Concen: 281.603 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

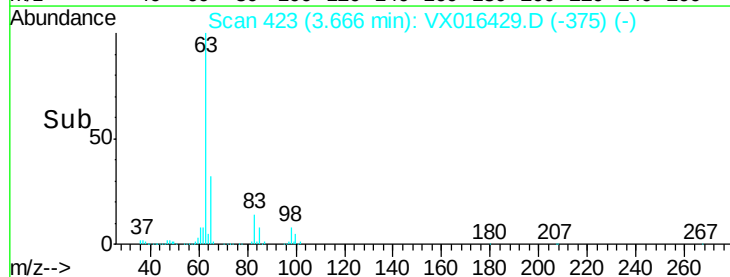
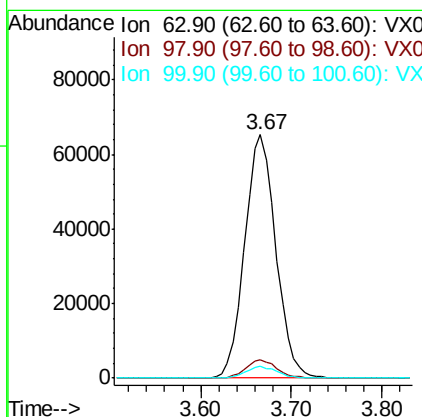
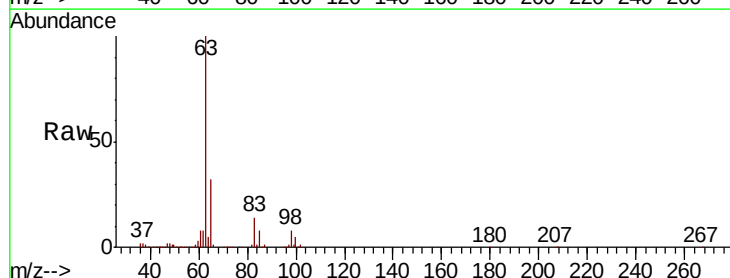
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

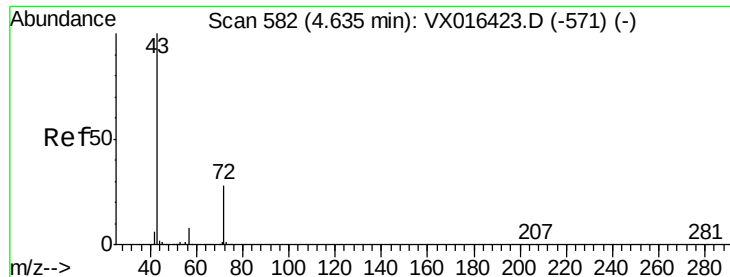
Tot Ion: 43 Resp: 1214239
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 54.195 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion: 63 Resp: 154991
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.7 2.1 6.5

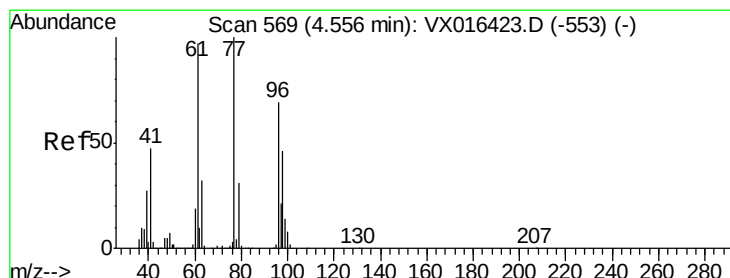
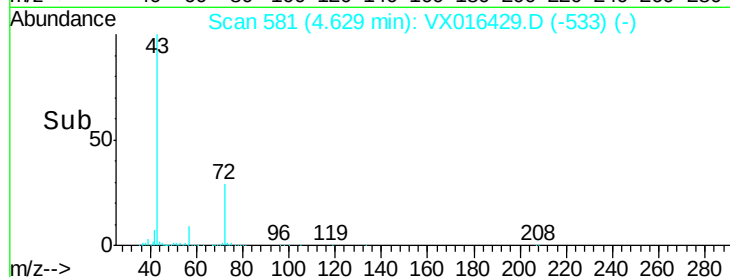
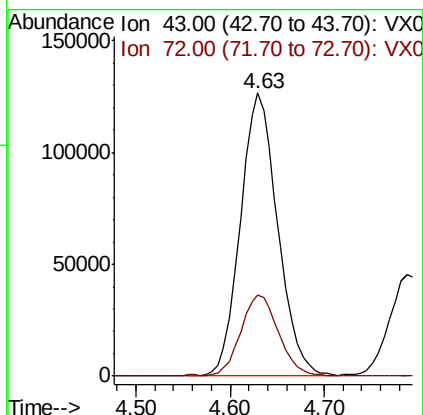
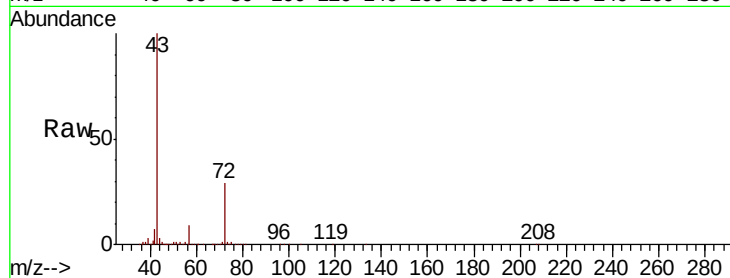




#25
2-Butanone
Concen: 275.936 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

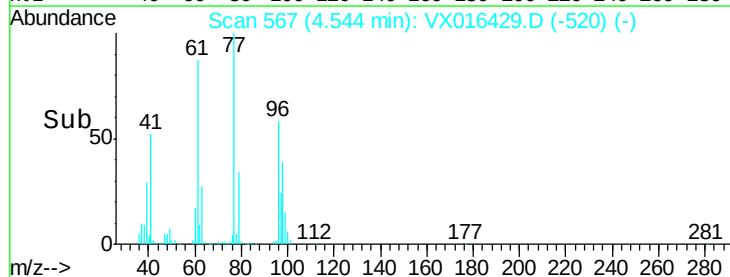
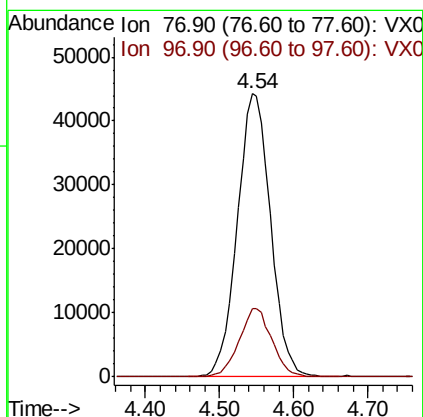
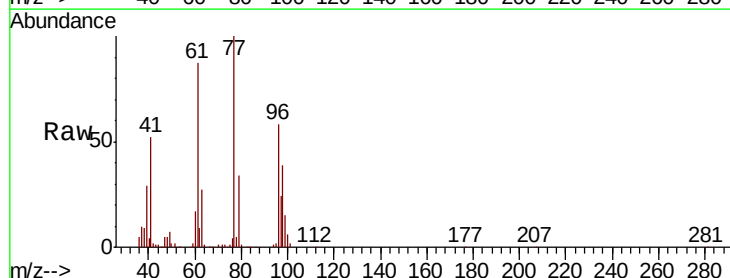
Instrument :
MSVOA_X
ClientSampled :
ICVVX052620

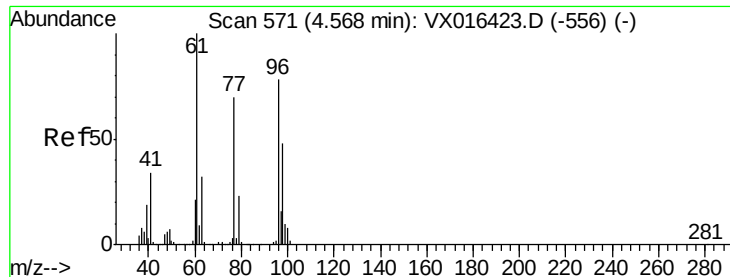
Tot Ion: 43 Resp: 349721
Ion Ratio Lower Upper
43 100
72 28.4 22.7 34.1



#26
2,2-Dichloropropane
Concen: 53.315 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 77 Resp: 138590
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 54.447 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

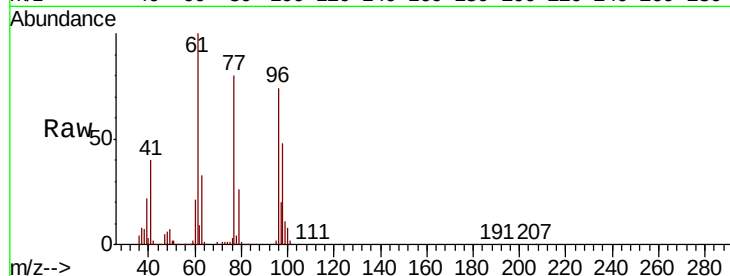
Tot Ion: 96 Resp: 103285

Ion Ratio Lower Upper

96 100

61 138.0 0.0 271.0

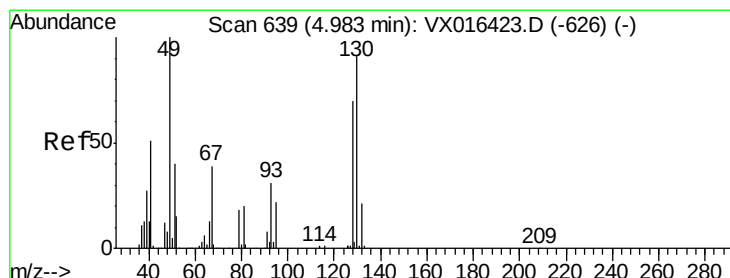
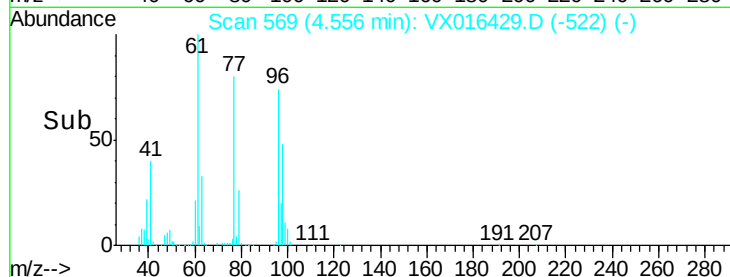
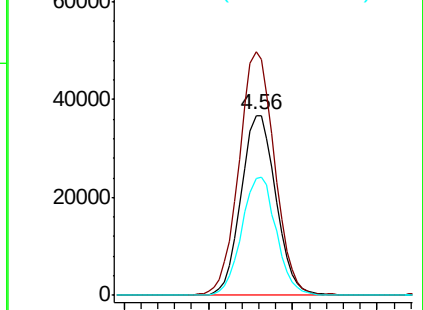
98 64.9 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 53.292 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

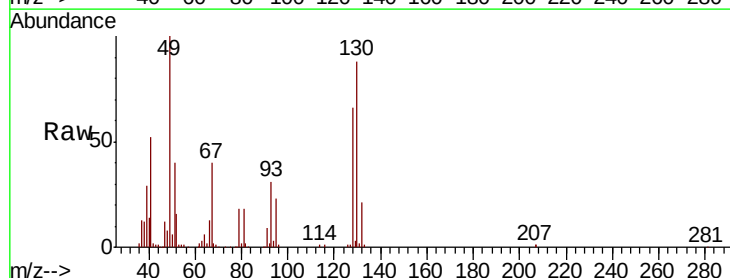
Tgt Ion: 49 Resp: 73058

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

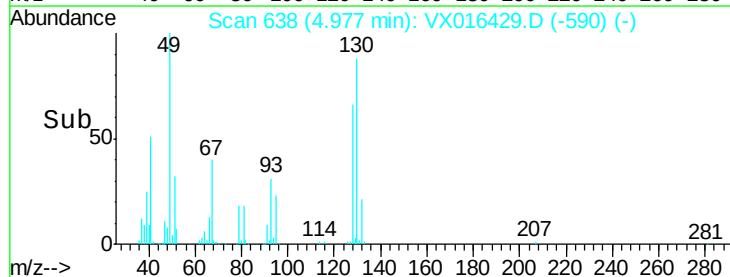
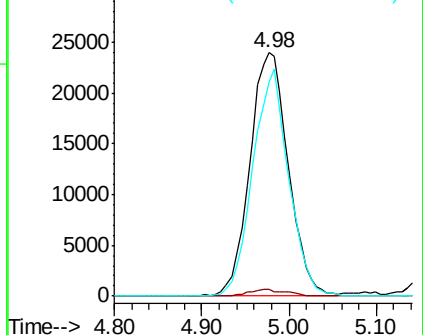
130 87.1 71.2 106.8

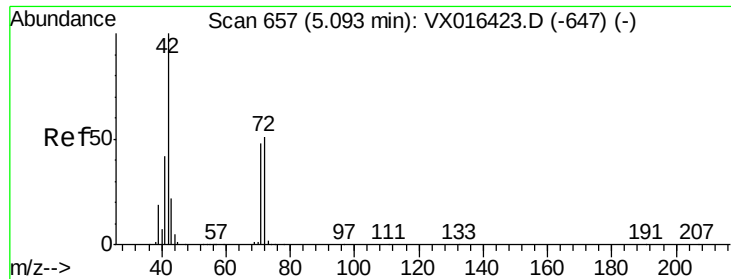


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 283.163 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

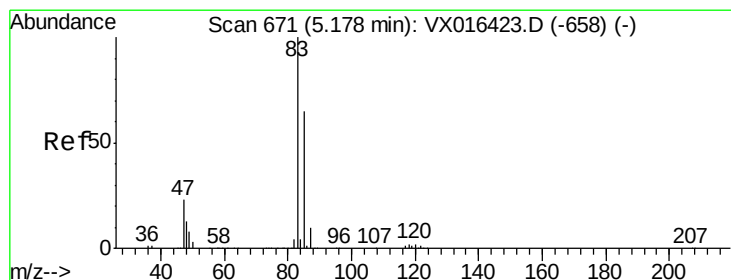
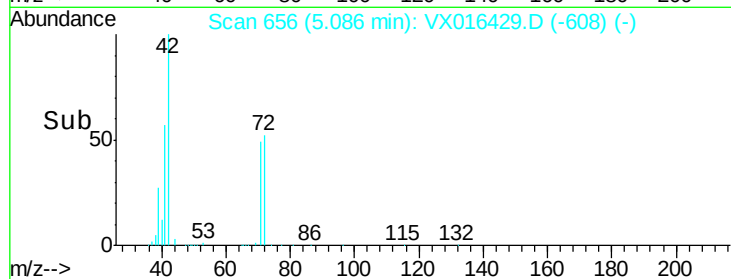
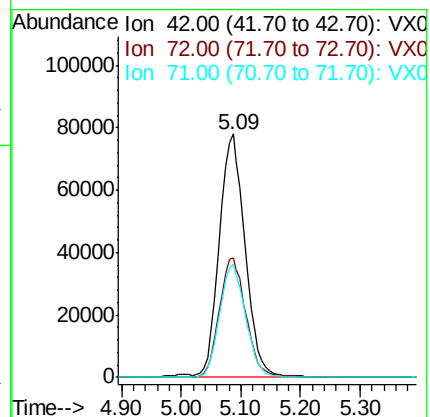
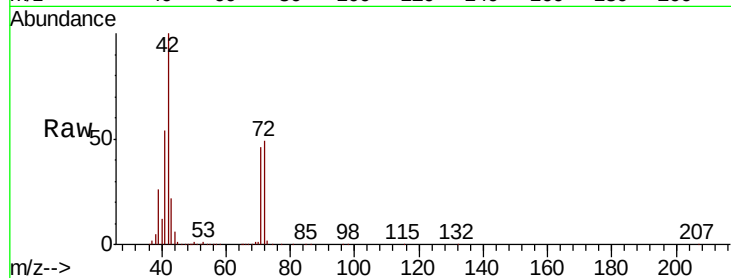
Tot Ion: 42 Resp: 232592

Ion Ratio Lower Upper

42 100

72 50.8 40.2 60.4

71 46.9 37.7 56.5



#30

Chloroform

Concen: 57.073 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016429.D

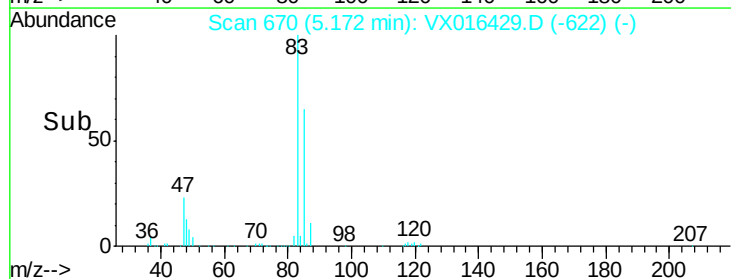
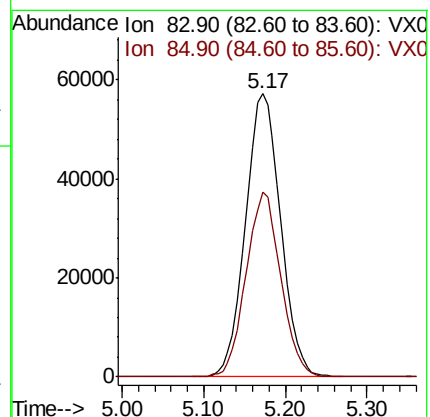
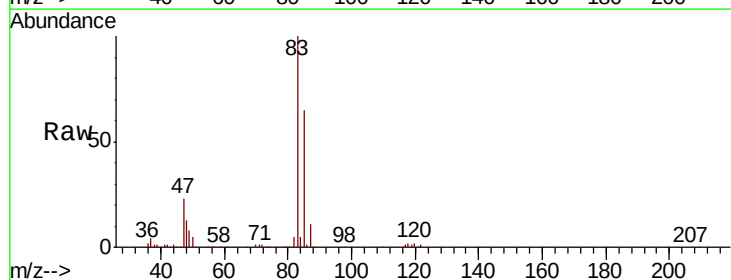
Acq: 26 May 2020 16:37

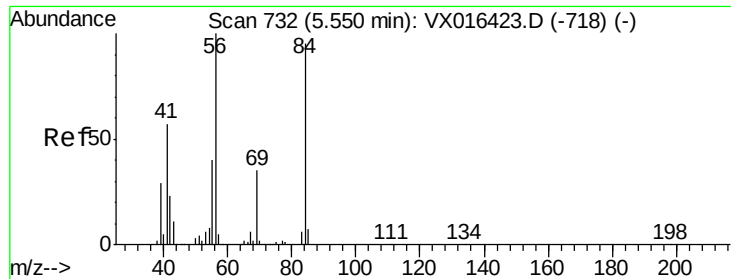
Tgt Ion: 83 Resp: 171520

Ion Ratio Lower Upper

83 100

85 65.3 52.1 78.1





#31

Cyclohexane

Concen: 56.369 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

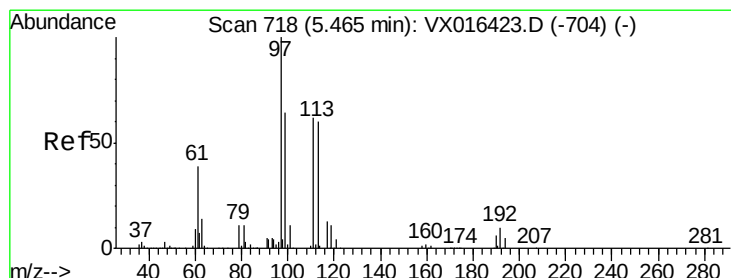
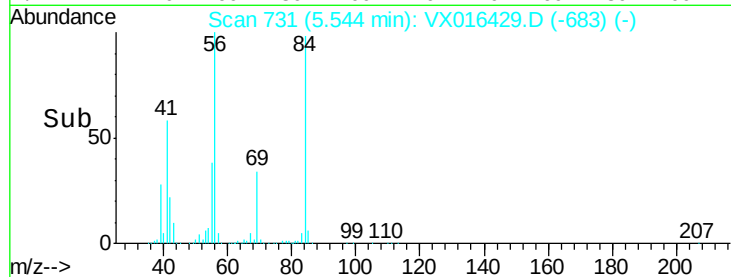
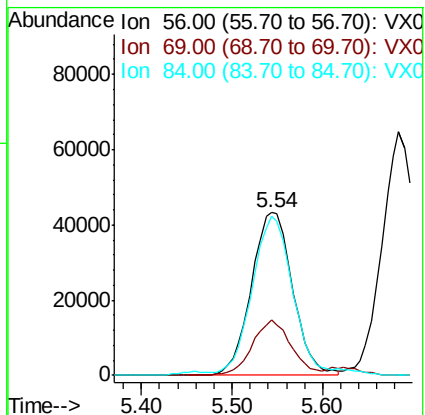
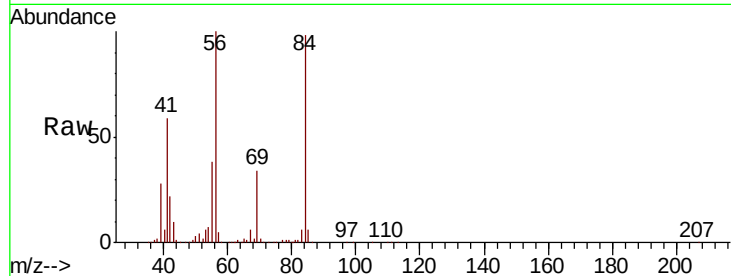
Tot Ion: 56 Resp: 136818

Ion Ratio Lower Upper

56 100

69 33.8 27.7 41.5

84 95.8 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 56.712 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

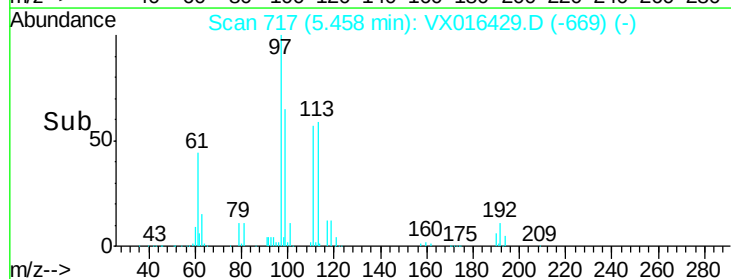
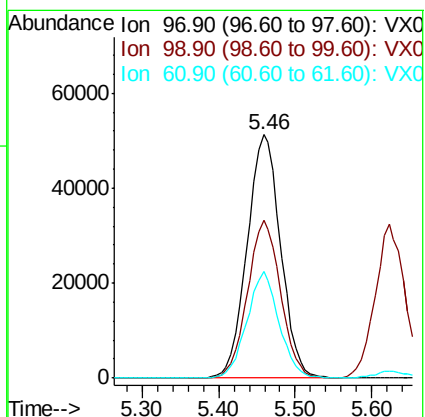
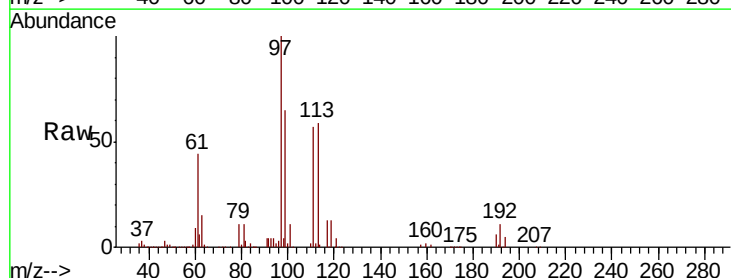
Tgt Ion: 97 Resp: 156057

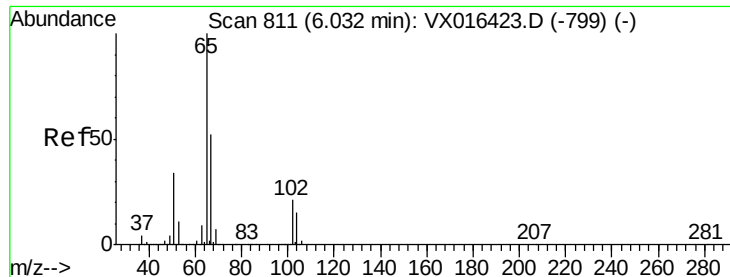
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 41.7 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 53.286 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

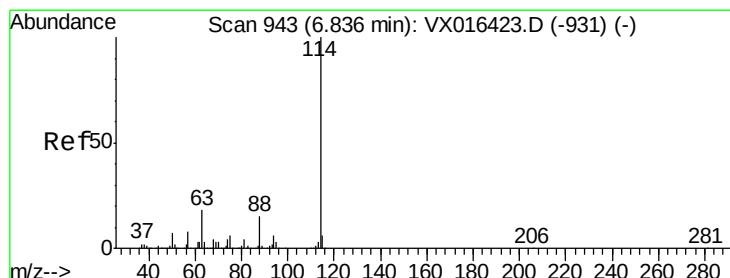
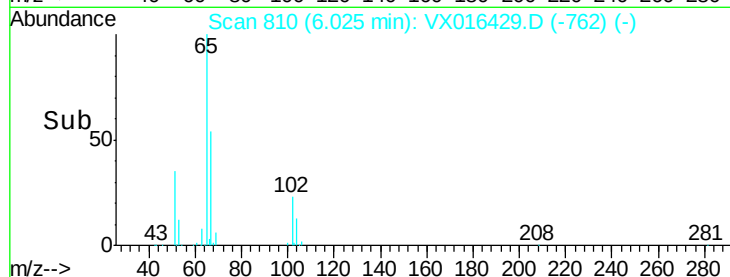
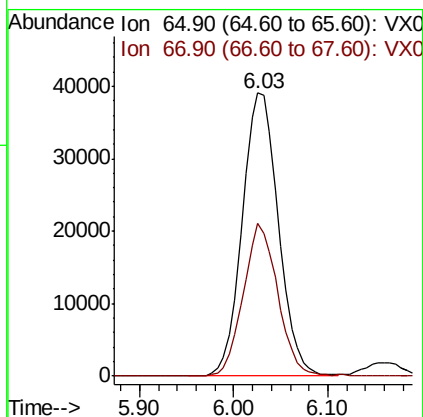
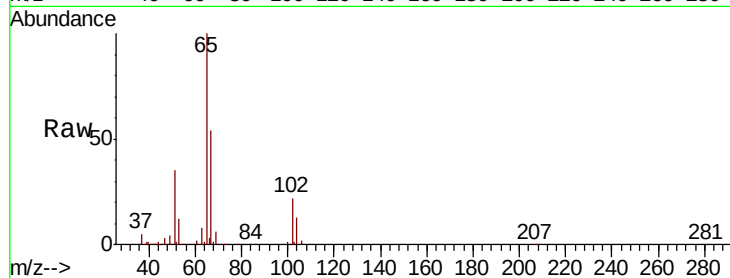
ICVVX052620

Tot Ion: 65 Resp: 104350

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

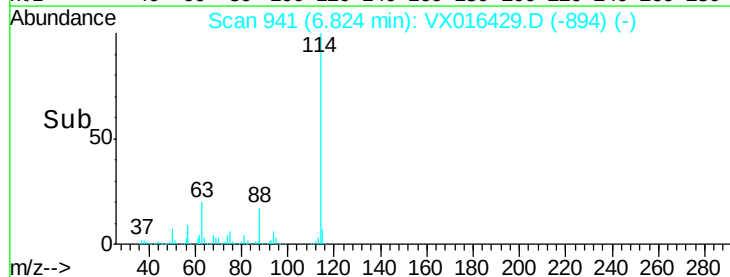
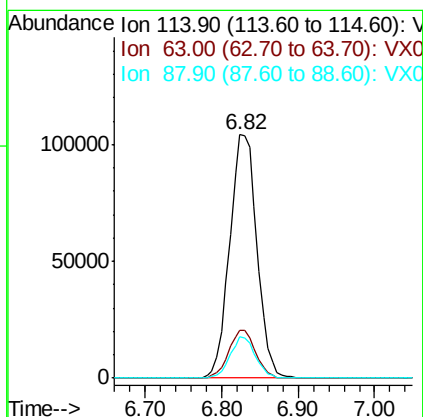
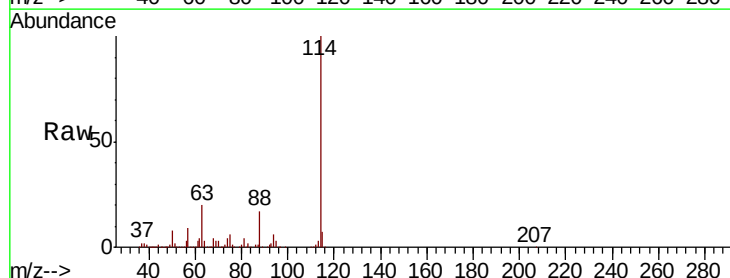
Tgt Ion: 114 Resp: 256833

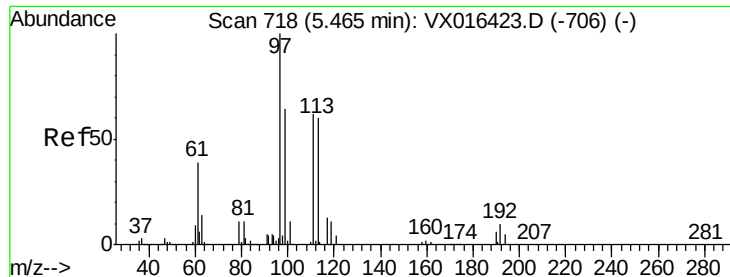
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 17.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.200 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

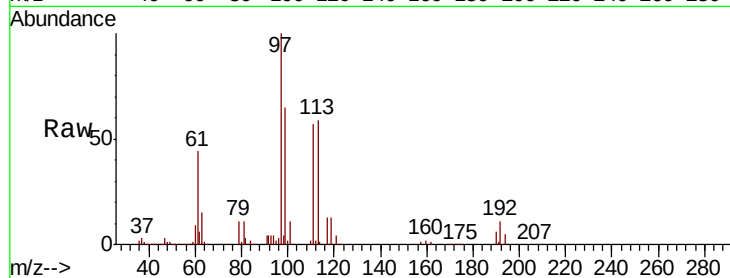
Tot Ion:113 Resp: 84108

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

192 20.2 16.5 24.7

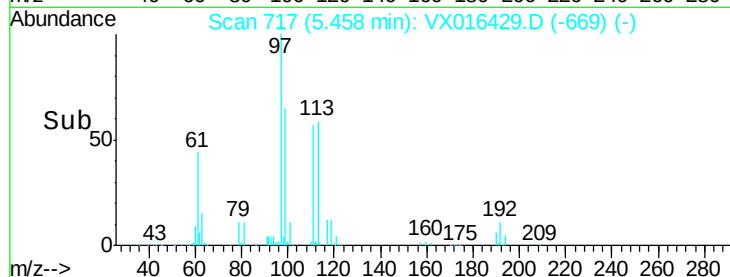


Abundance Ion 112.80 (112.50 to 113.50): V

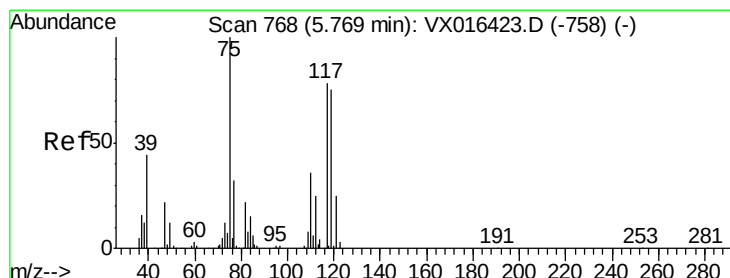
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#36

1,1-Dichloropropene

Concen: 55.186 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

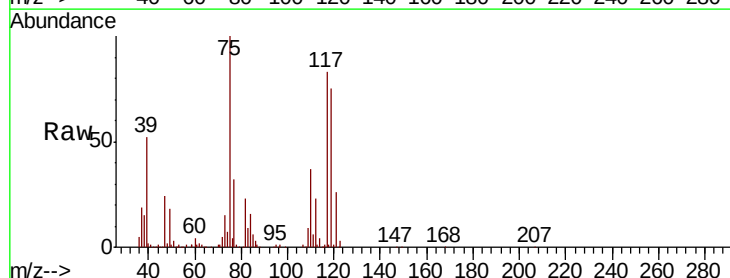
Tgt Ion: 75 Resp: 125653

Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

77 31.8 24.9 37.3

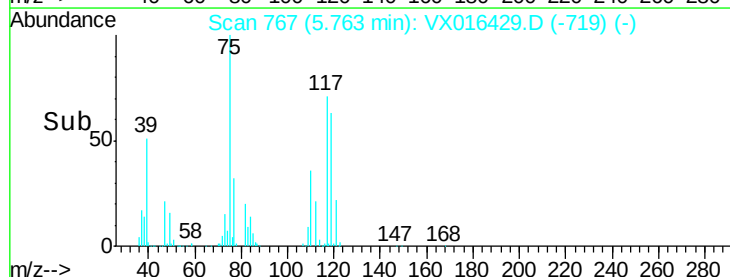


Abundance Ion 74.90 (74.60 to 75.60): VX0

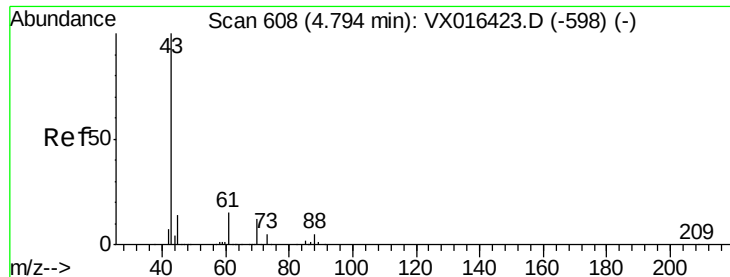
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

Time-->



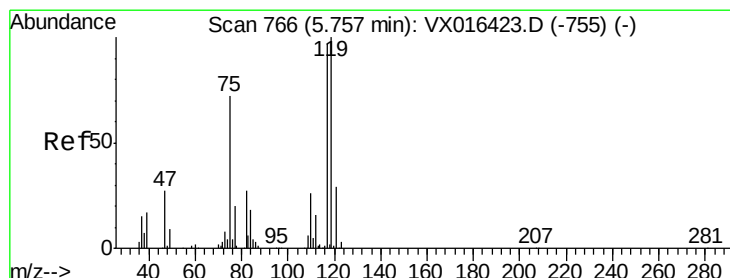
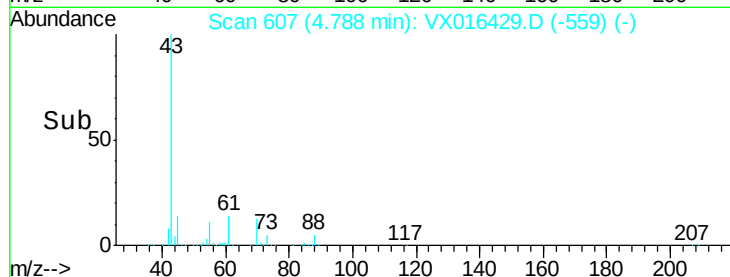
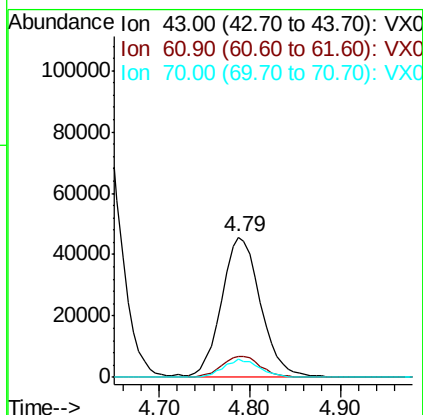
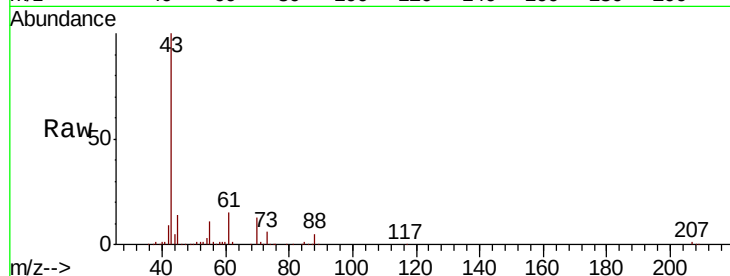
Time-->



#37
Ethyl Acetate
Concen: 53.620 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

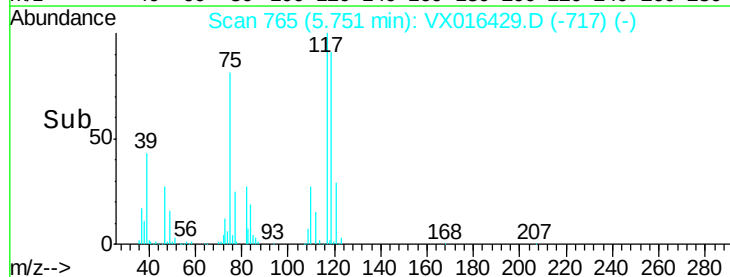
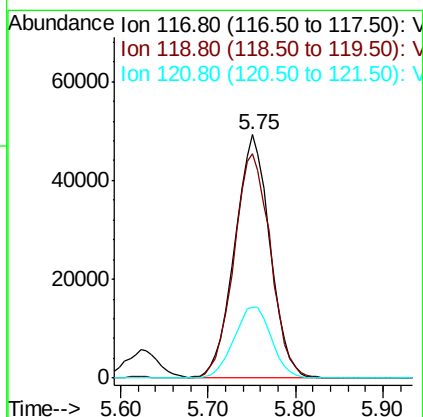
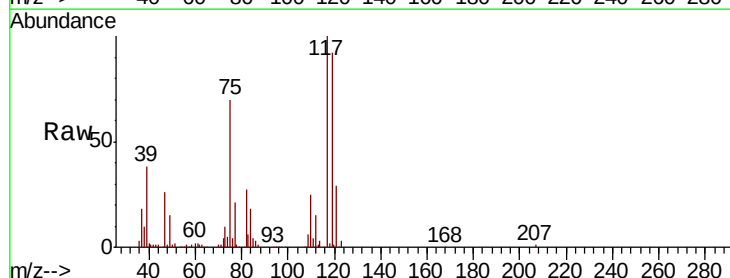
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

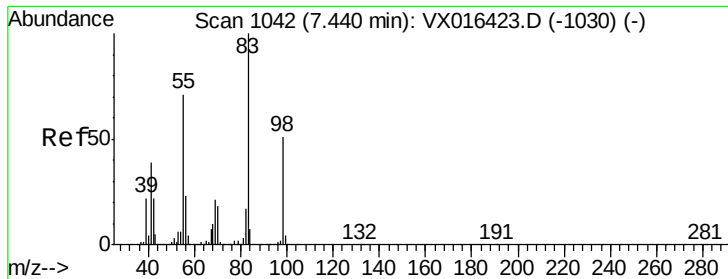
Tot Ion: 43 Resp: 134921
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.8
70 12.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 56.115 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 117 Resp: 138476
Ion Ratio Lower Upper
117 100
119 92.2 82.2 123.4
121 29.4 24.1 36.1

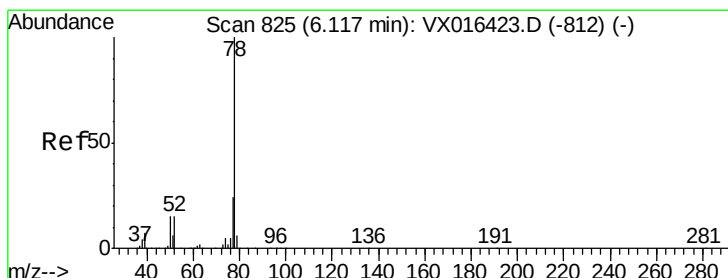
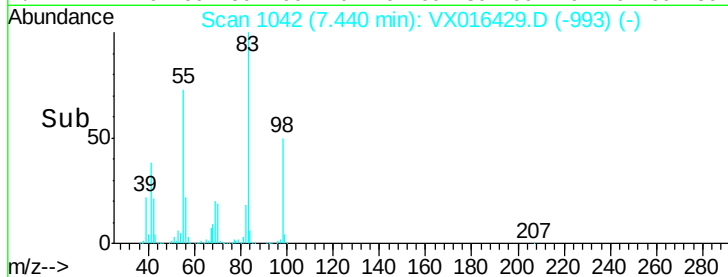
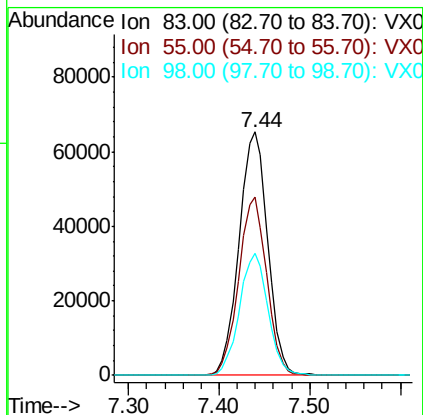
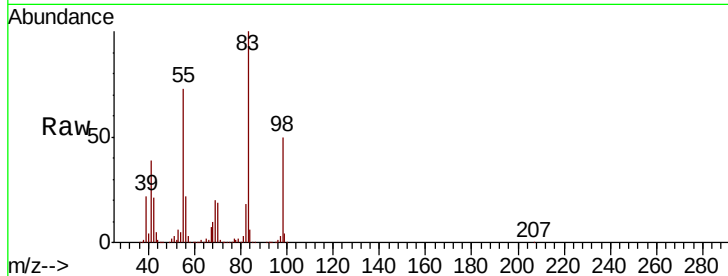




#39
Methylvlcyclohexane
Concen: 56.668 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

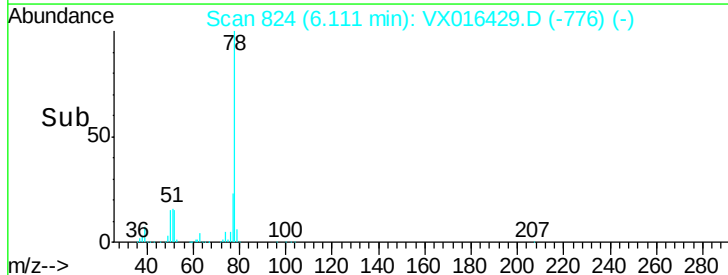
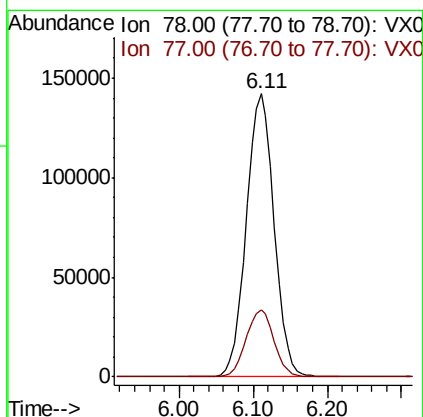
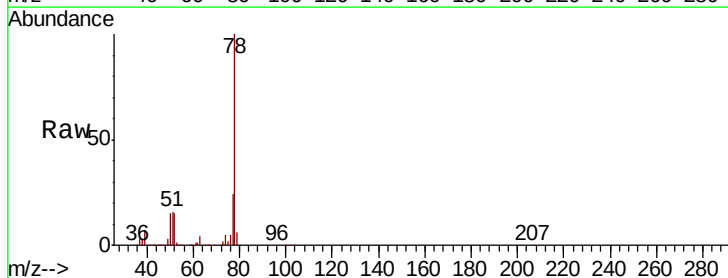
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

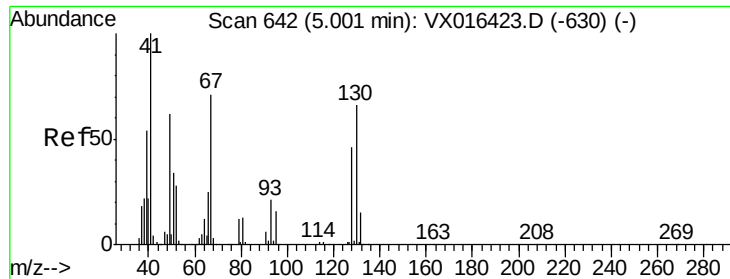
Tot Ion: 83 Resp: 142909
Ion Ratio Lower Upper
83 100
55 73.1 56.8 85.2
98 50.1 40.6 61.0



#40
Benzene
Concen: 54.703 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 78 Resp: 371751
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

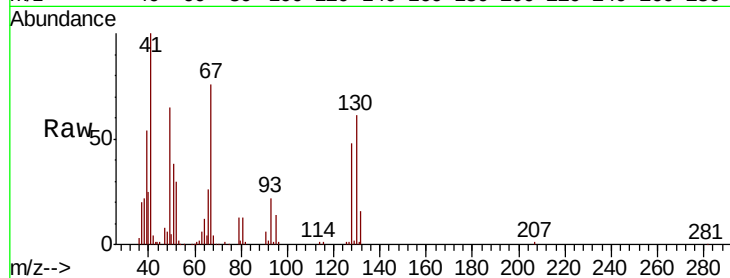




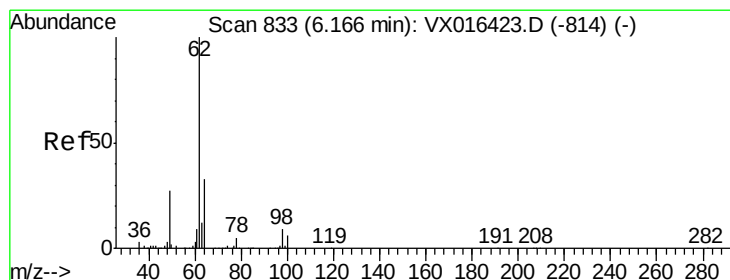
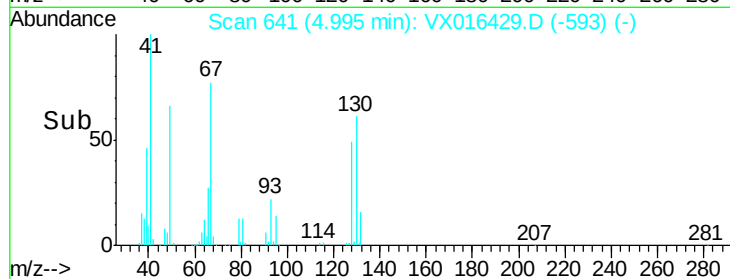
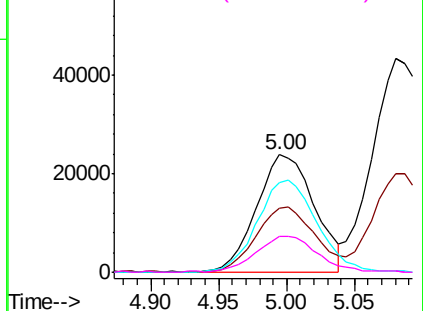
#41
Methacrylonitrile
Concen: 52.366 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion:	41	Resp:	70456
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.4	66.6
67	81.6	62.2	93.4
52	32.3	25.2	37.8

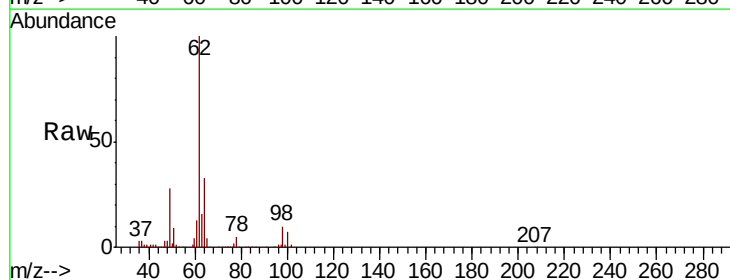


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

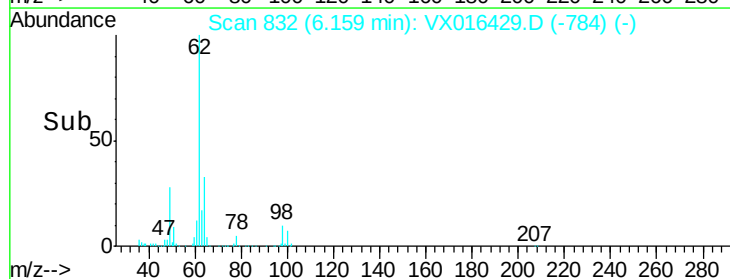
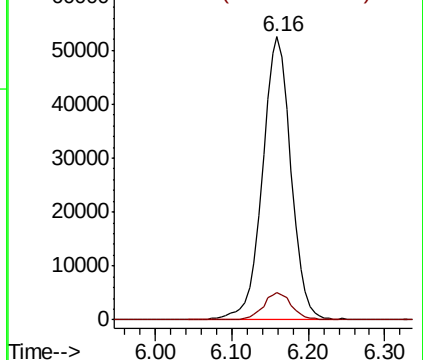


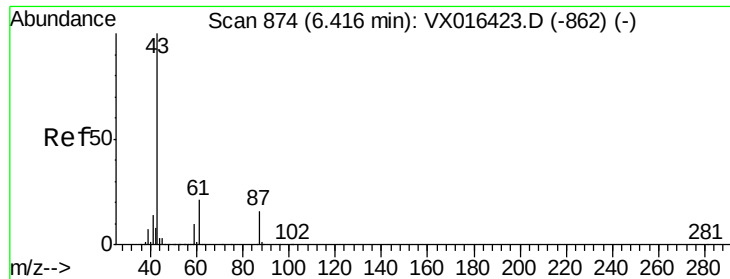
#42
1,2-Dichloroethane
Concen: 55.031 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion:	62	Resp:	136508
Ion	Ratio	Lower	Upper
62	100		
98	9.6	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: 54.943 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

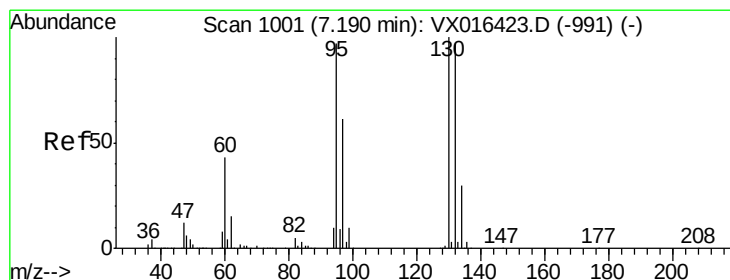
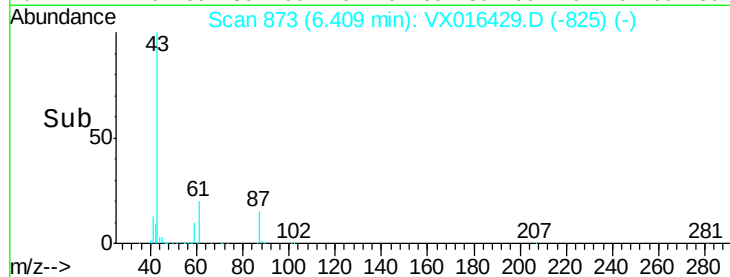
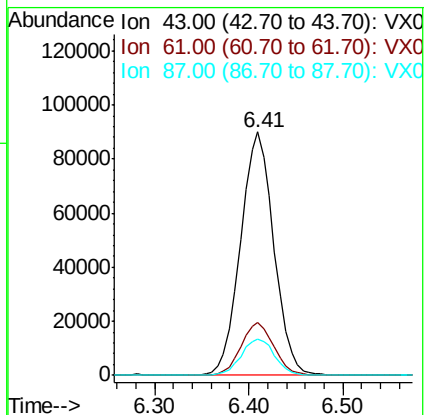
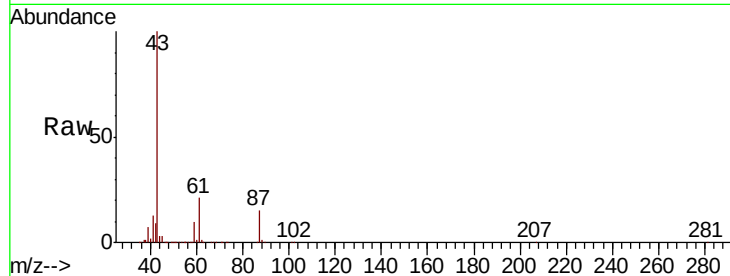
Tot Ion: 43 Resp: 221773

Ion Ratio Lower Upper

43 100

61 21.4 17.2 25.8

87 15.1 12.3 18.5



#44

Trichloroethene

Concen: 54.326 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016429.D

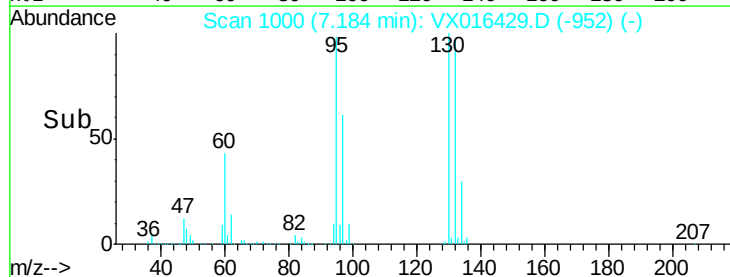
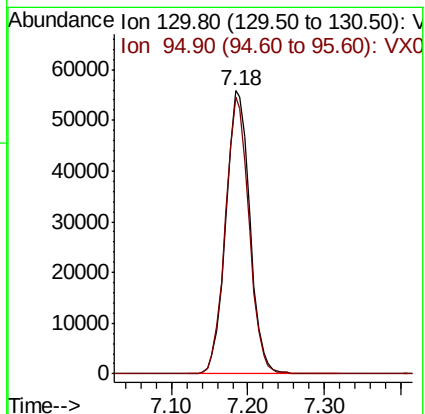
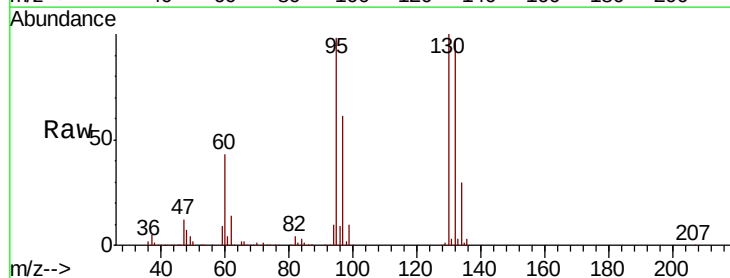
Acq: 26 May 2020 16:37

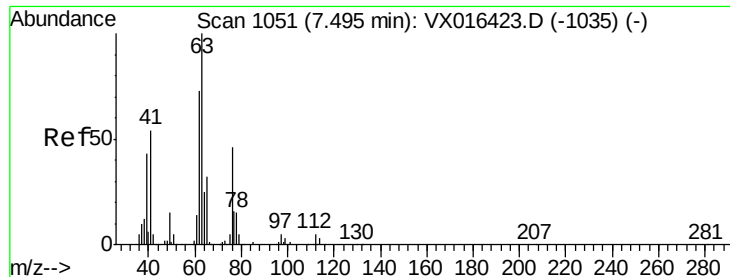
Tgt Ion: 130 Resp: 121016

Ion Ratio Lower Upper

130 100

95 97.9 0.0 194.0





#45

1,2-Dichloropropane

Concen: 54.956 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

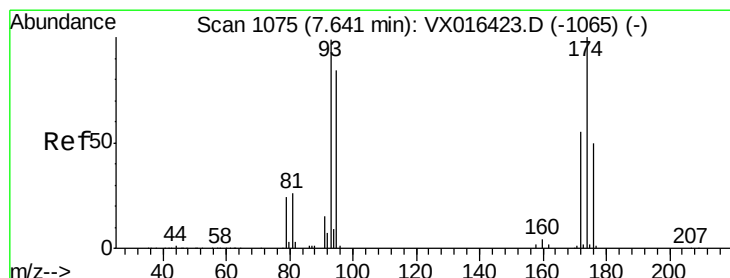
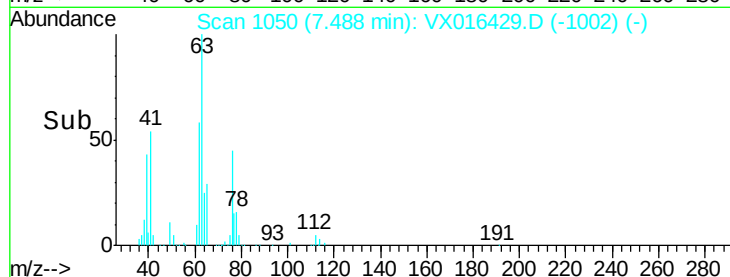
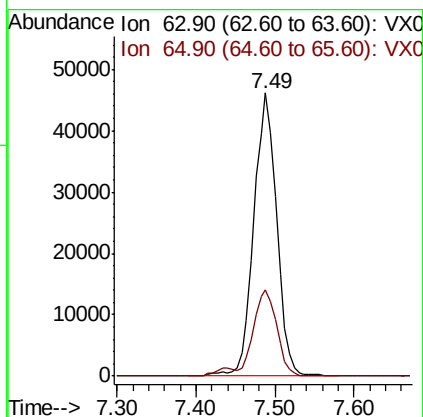
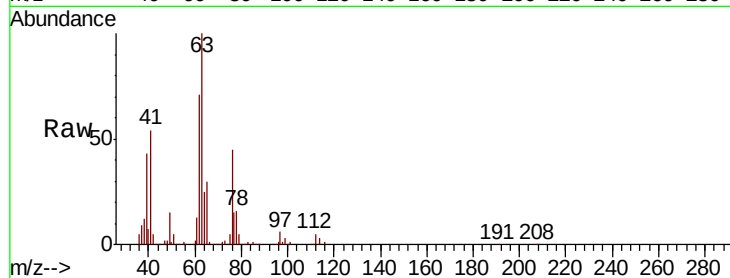
ICVVX052620

Tot Ion: 63 Resp: 93273

Ion Ratio Lower Upper

63 100

65 30.5 25.3 37.9



#46

Dibromomethane

Concen: 54.389 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

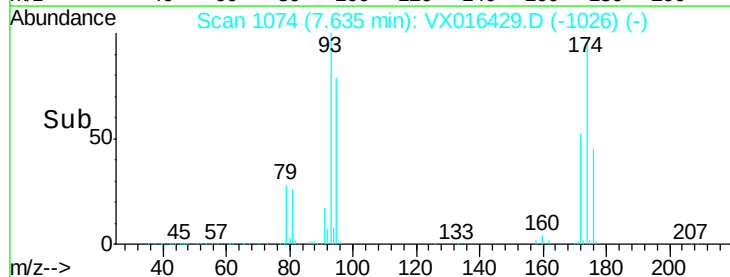
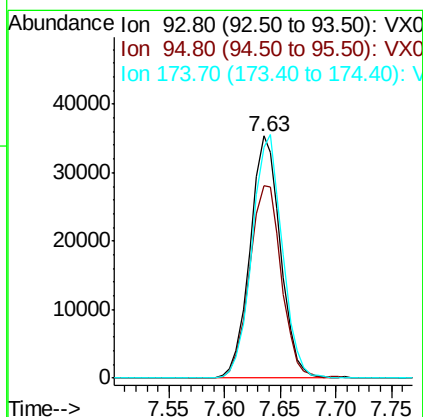
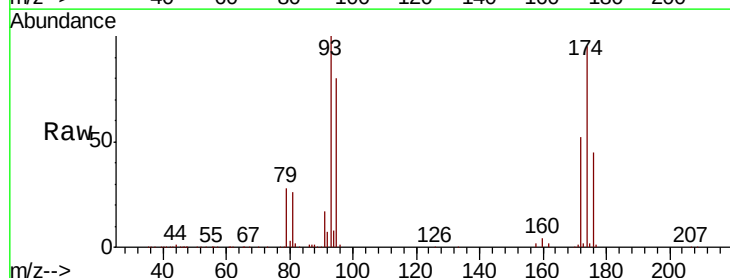
Tgt Ion: 93 Resp: 67265

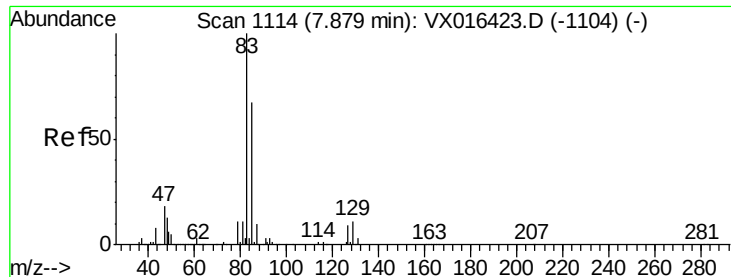
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.4

174 100.1 81.4 122.0





#47

Bromodichloromethane

Concen: 55.639 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

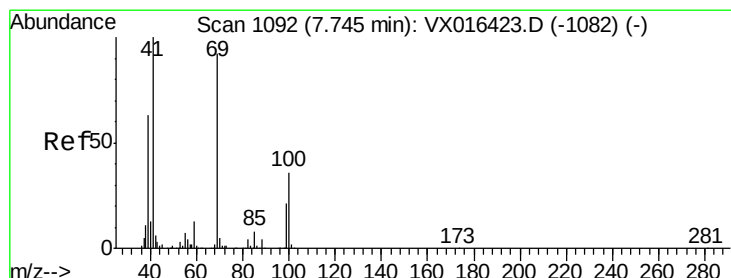
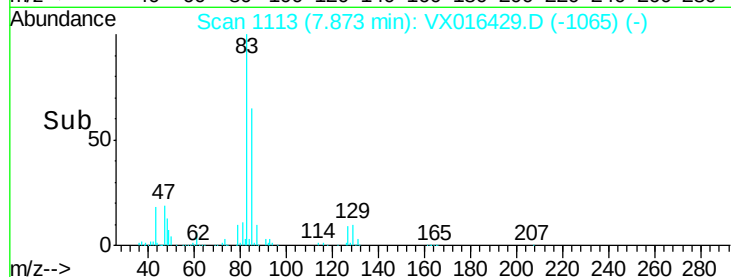
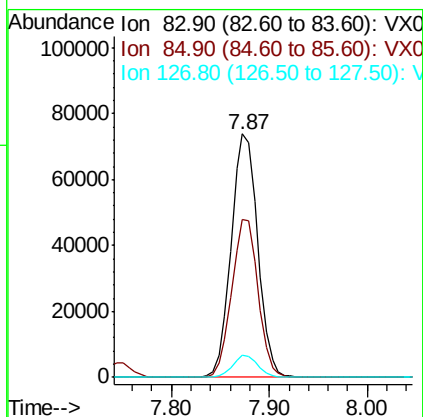
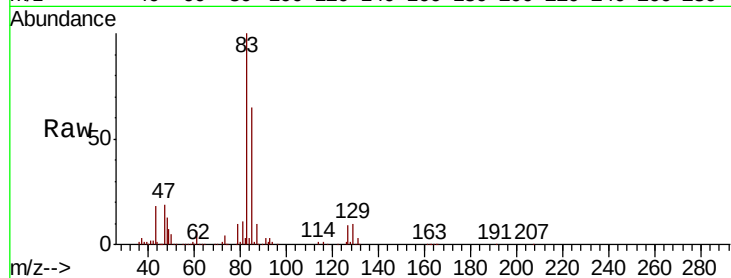
Tot Ion: 83 Resp: 138978

Ion Ratio Lower Upper

83 100

85 65.1 53.8 80.8

127 8.9 7.4 11.2



#48

Methyl methacrylate

Concen: 55.261 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

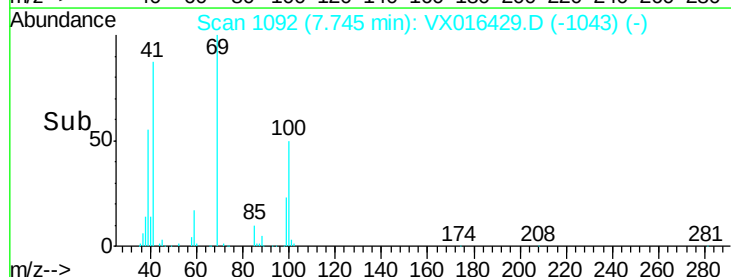
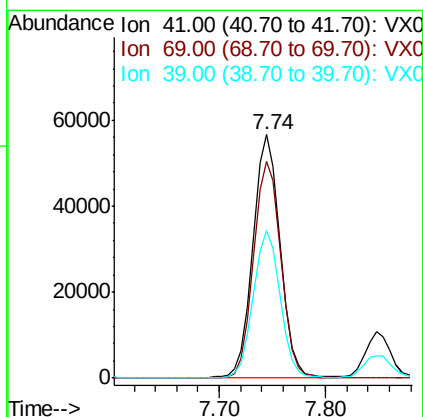
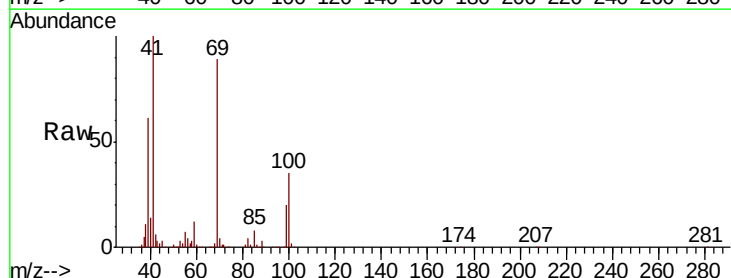
Tgt Ion: 41 Resp: 101646

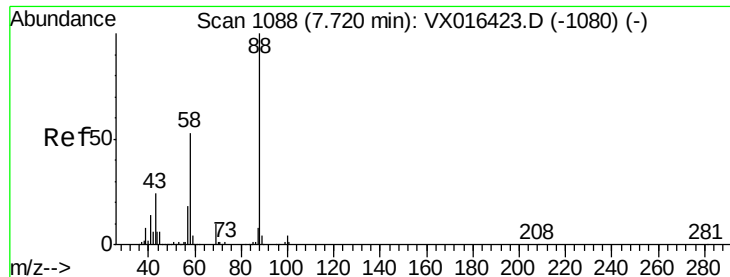
Ion Ratio Lower Upper

41 100

69 89.7 71.8 107.8

39 59.8 48.6 73.0





#49

1,4-Dioxane

Concen: 1045.965 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

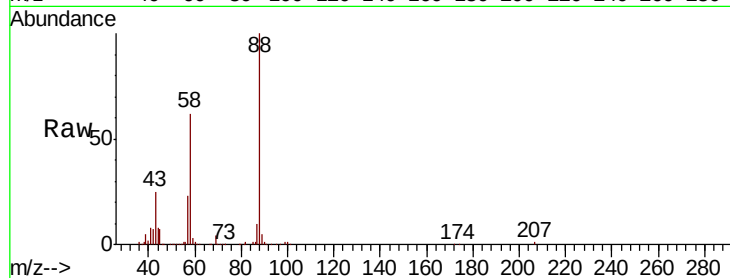
Tot Ion: 88 Resp: 49507

Ion Ratio Lower Upper

88 100

43 29.9 23.0 34.6

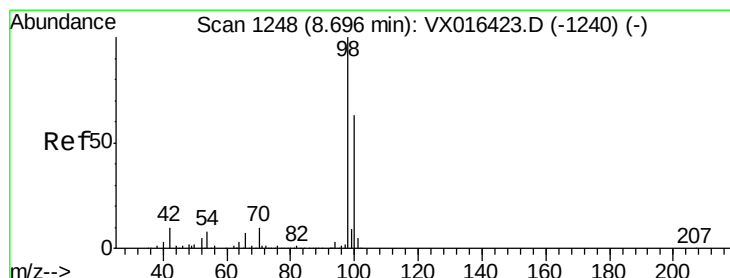
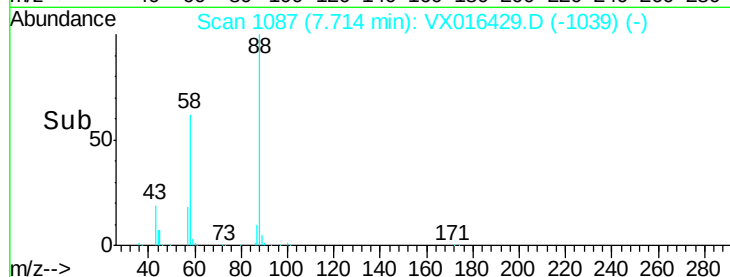
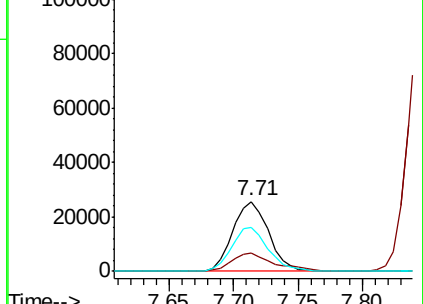
58 65.7 51.7 77.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 54.235 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016429.D

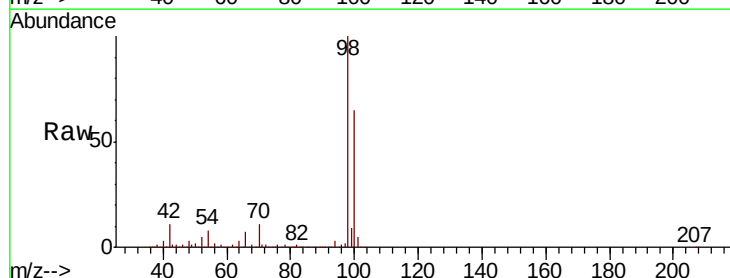
Acq: 26 May 2020 16:37

Tgt Ion: 98 Resp: 328180

Ion Ratio Lower Upper

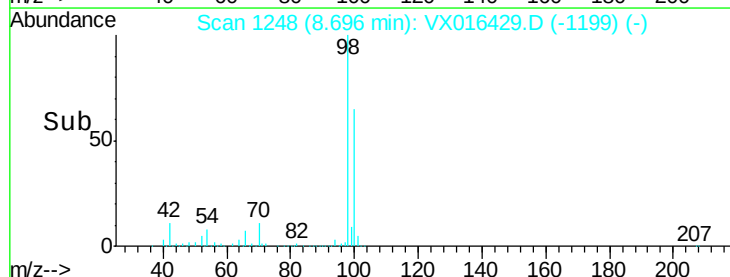
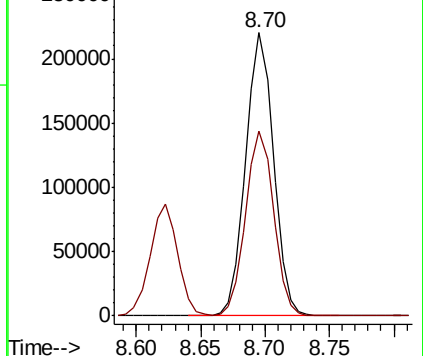
98 100

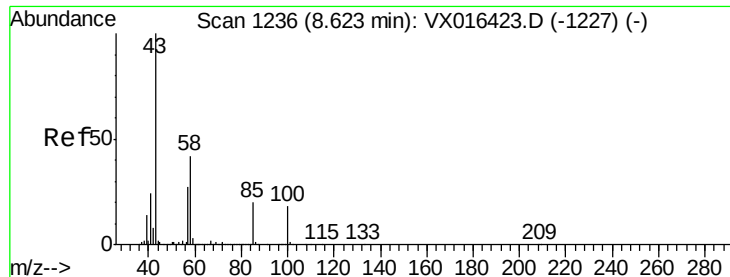
100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

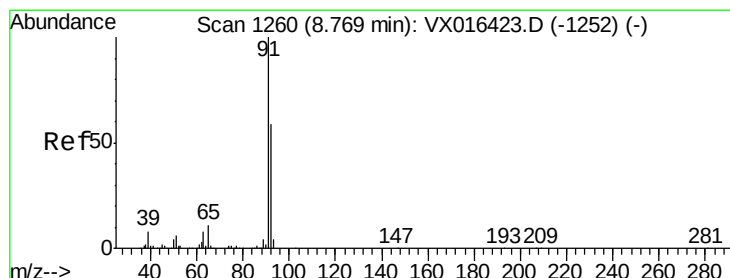
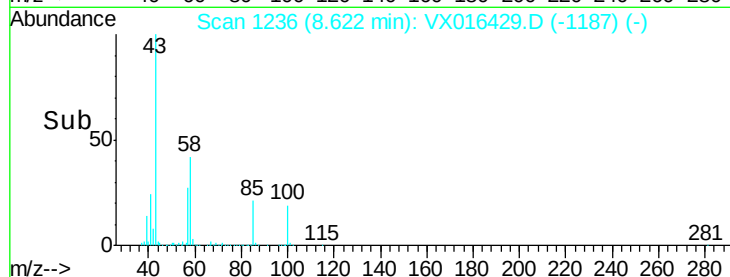
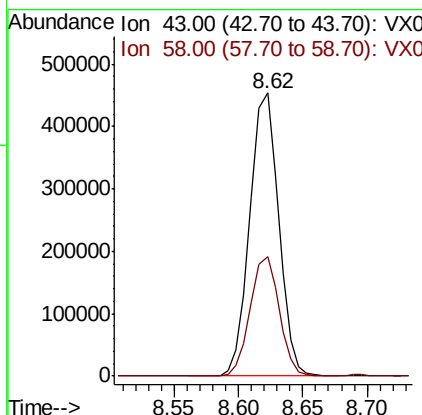
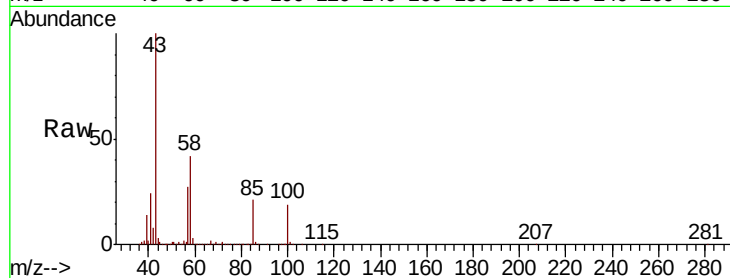




#51
 4-Methyl-2-Pentanone
 Concen: 275.787 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

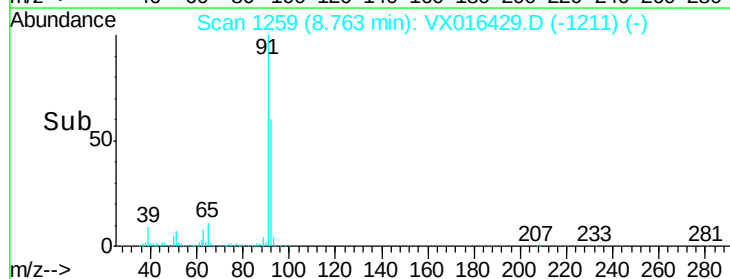
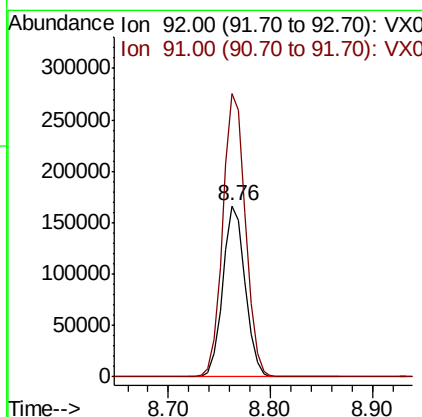
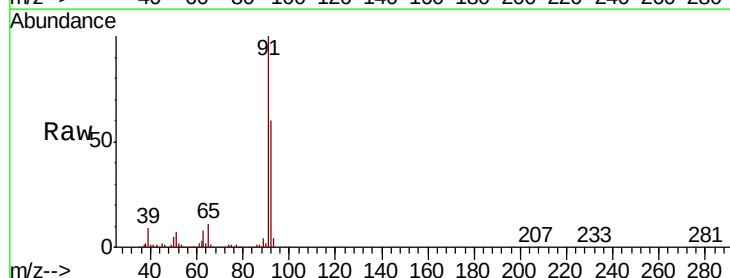
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

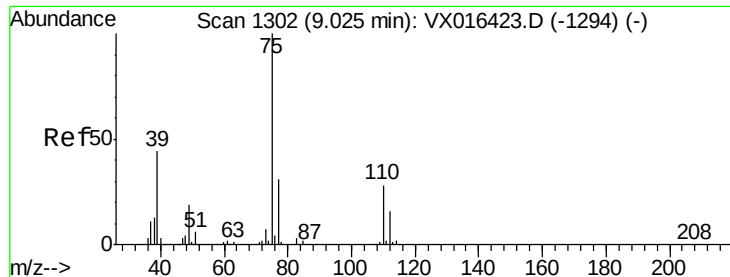
Tot Ion: 43 Resp: 703523
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.8 50.6



#52
 Toluene
 Concen: 57.767 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion: 92 Resp: 251892
 Ion Ratio Lower Upper
 92 100
 91 168.2 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 55.783 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

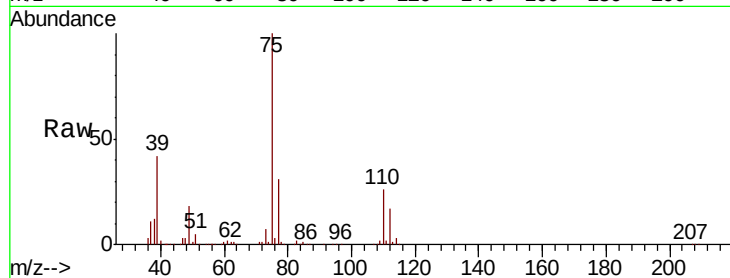
ICVVX052620

Tot Ion: 75 Resp: 158576

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

120000

100000

80000

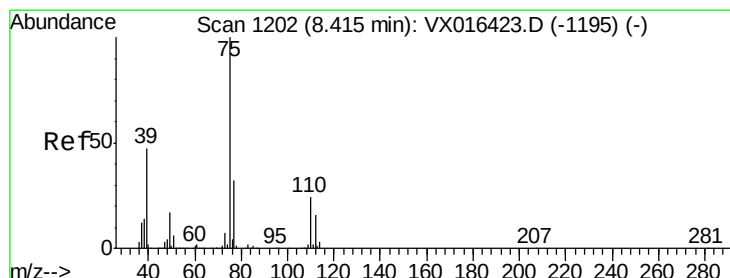
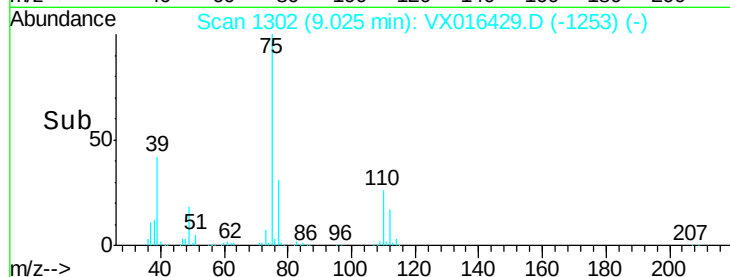
60000

40000

20000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 54.361 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

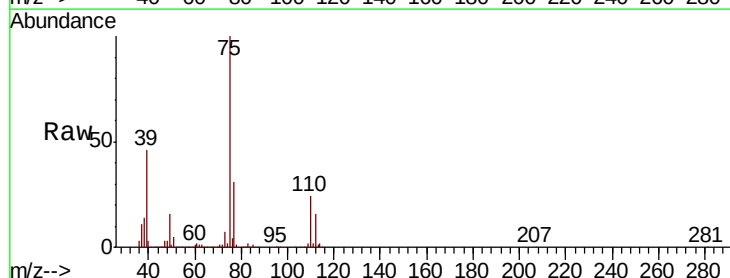
Tgt Ion: 75 Resp: 158875

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 46.0 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

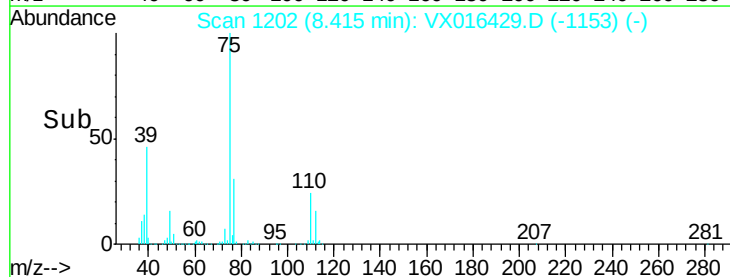
8.42

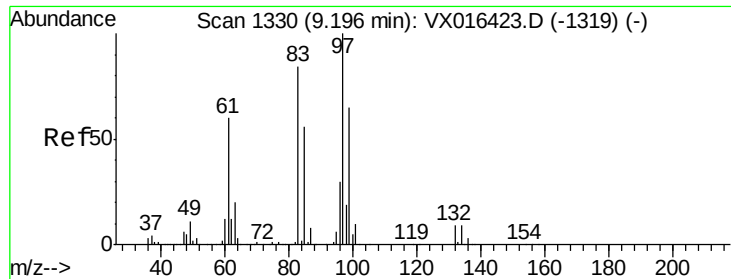
100000

50000

0

Time--> 8.30 8.40 8.50

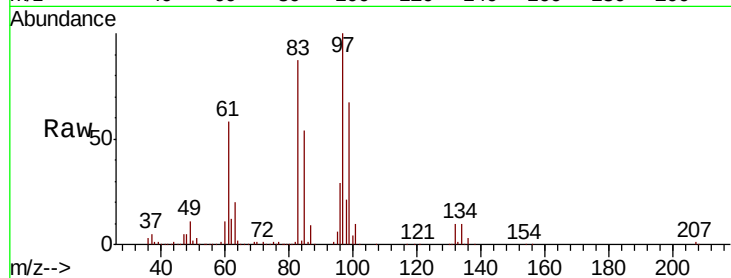




#55
 1,1,2-Trichloroethane
 Concen: 55.866 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Tot Ion:	97	Resp:	99335
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.9	100.3
85	54.4	45.2	67.8
99	67.0	51.9	77.9



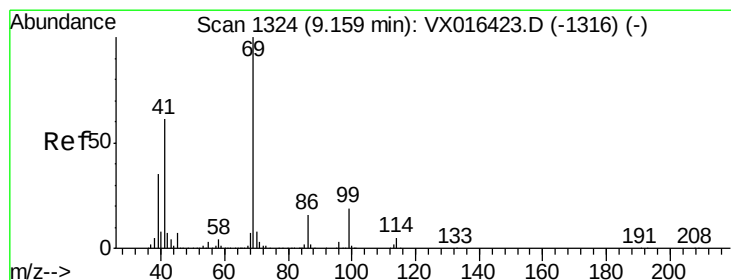
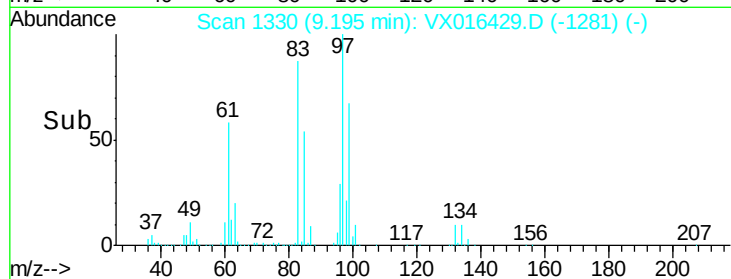
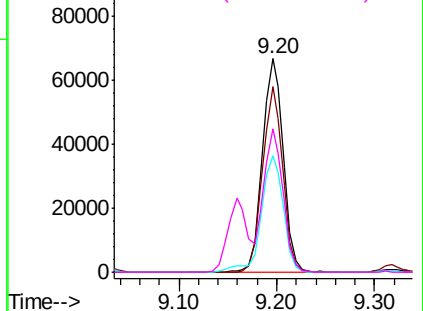
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

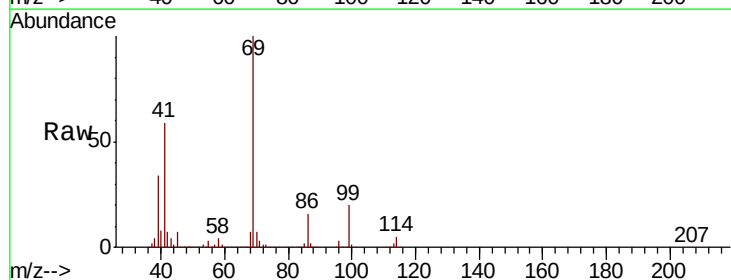
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 57.705 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion:	69	Resp:	154406
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.9	71.9
39	35.2	28.7	43.1

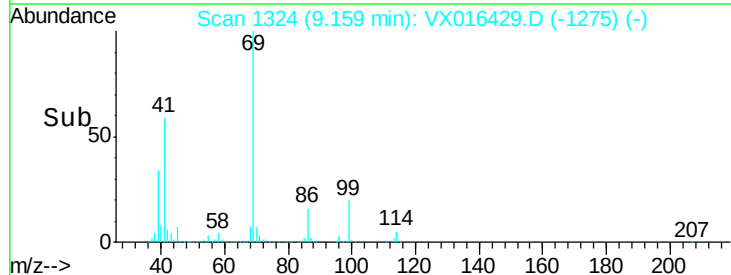
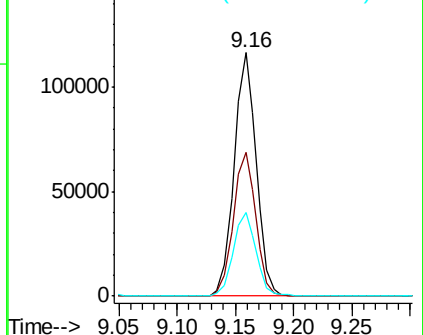


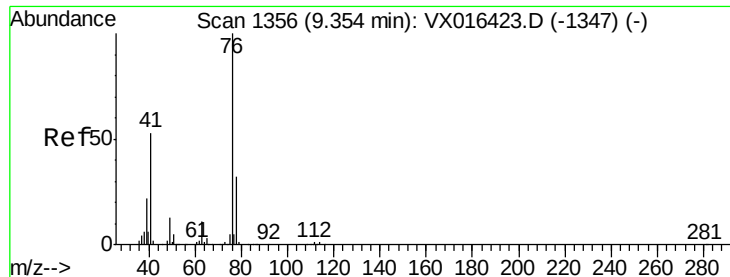
Abundance

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: 55.556 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

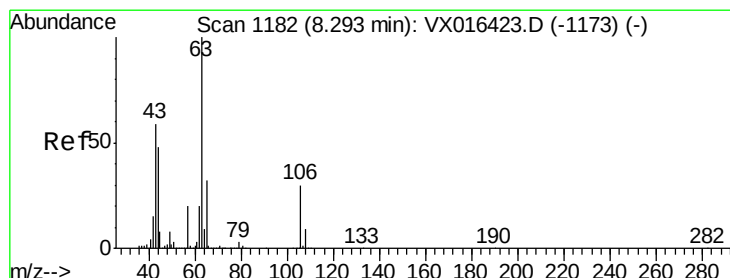
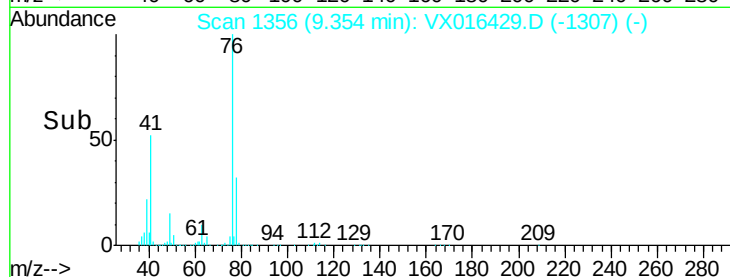
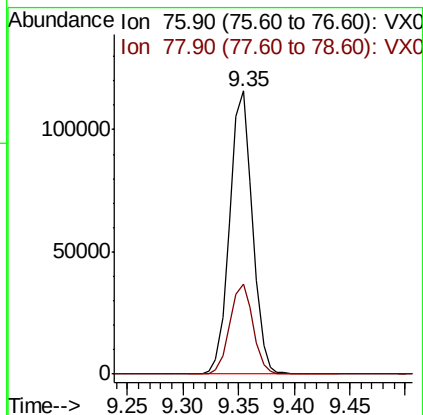
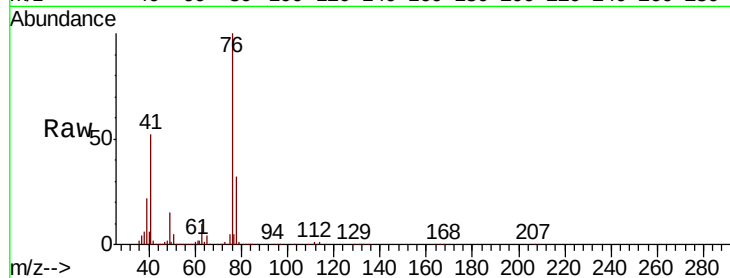
ICVVX052620

Tot Ion: 76 Resp: 163785

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 289.141 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016429.D

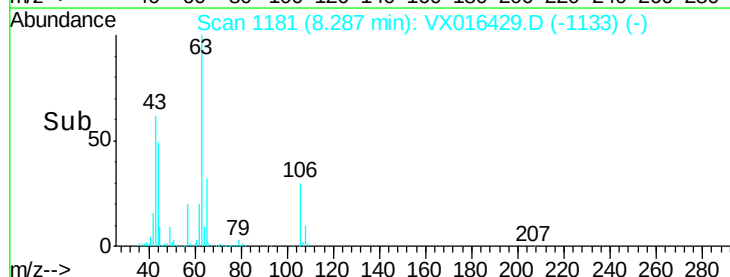
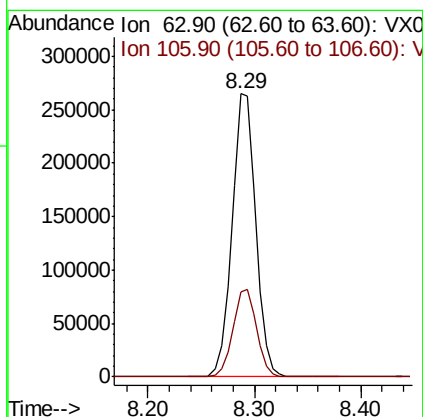
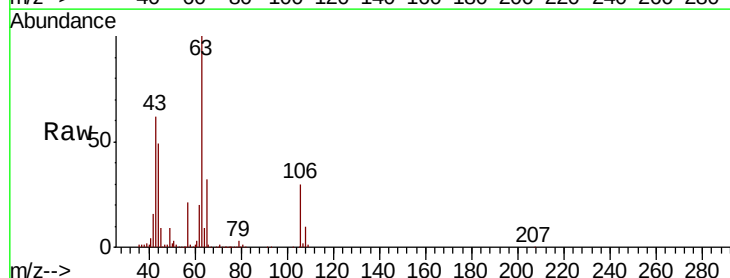
Acq: 26 May 2020 16:37

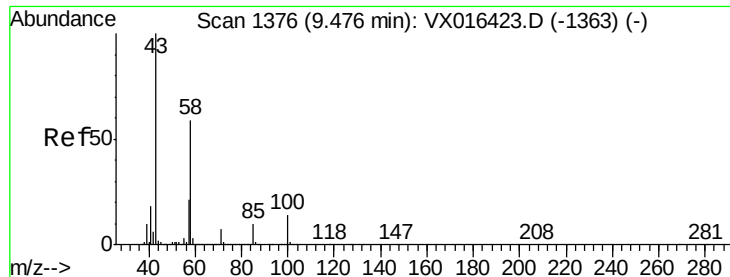
Tgt Ion: 63 Resp: 412670

Ion Ratio Lower Upper

63 100

106 30.9 24.6 36.8

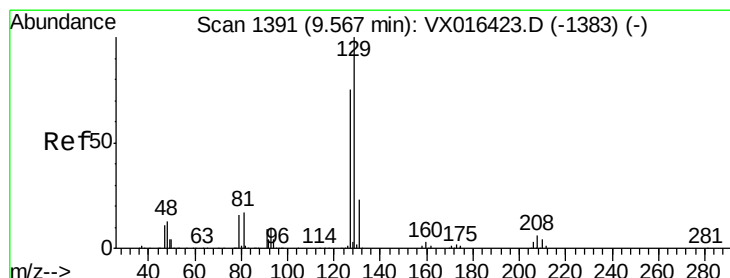
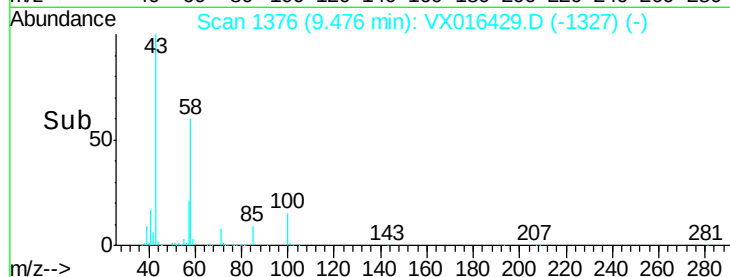
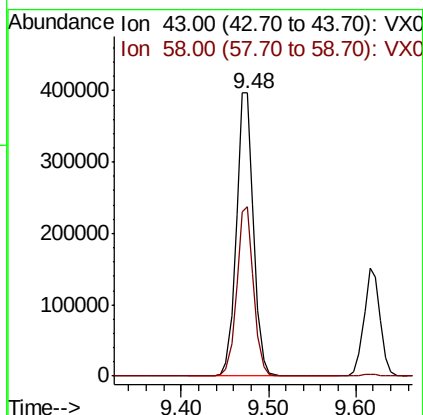
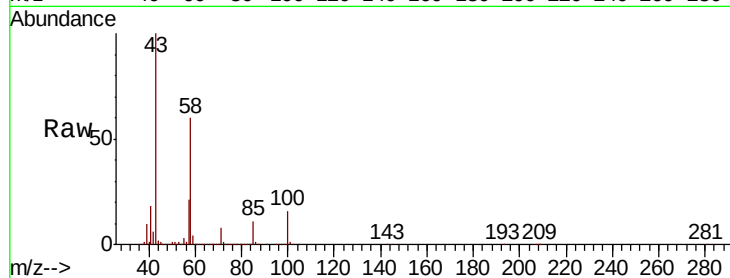




#59
2-Hexanone
Concen: 278.263 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

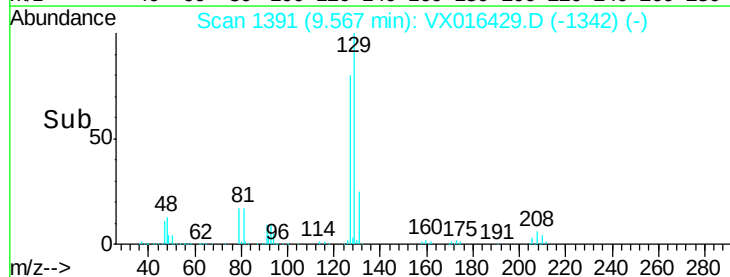
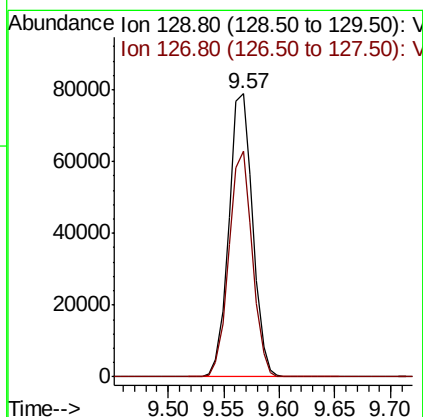
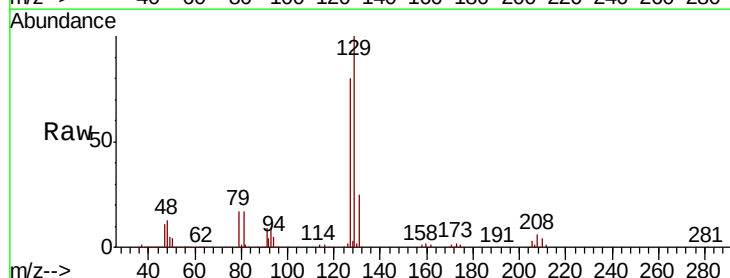
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

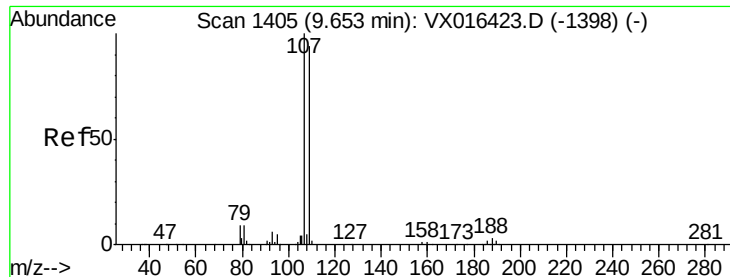
Tot Ion: 43 Resp: 546578
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.3



#60
Dibromochloromethane
Concen: 57.066 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 129 Resp: 116682
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 57.408 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

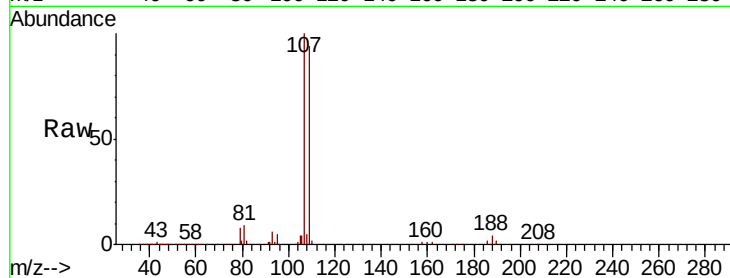
ICVVX052620

Tot Ion:107 Resp: 112021

Ion Ratio Lower Upper

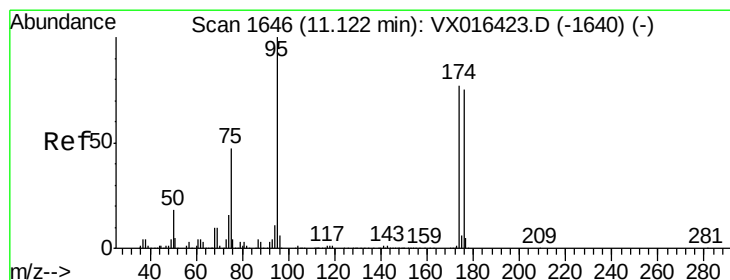
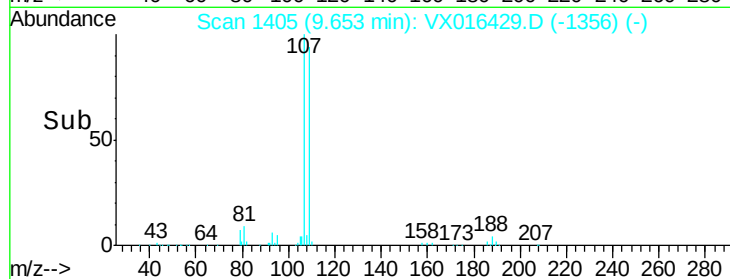
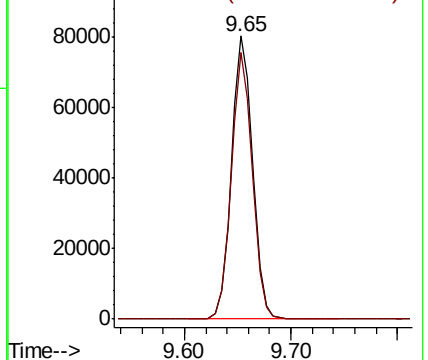
107 100

109 93.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.030 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

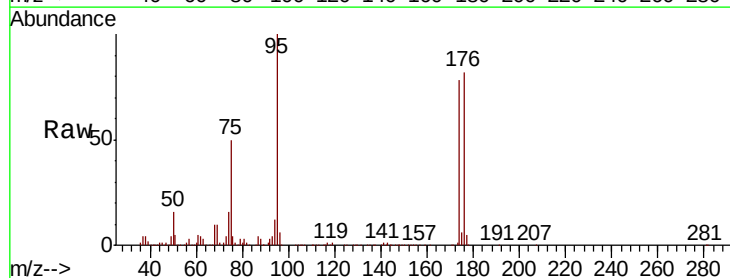
Tgt Ion: 95 Resp: 123577

Ion Ratio Lower Upper

95 100

174 81.5 0.0 162.6

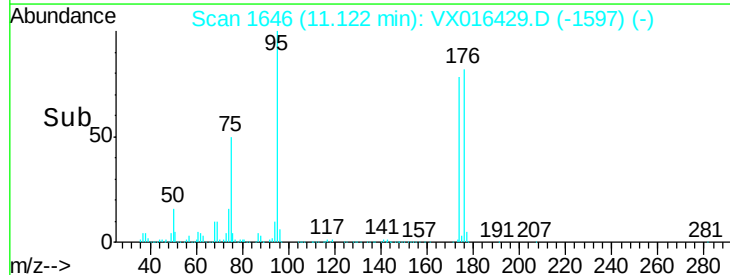
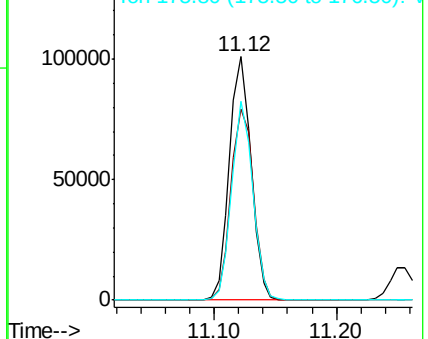
176 79.2 0.0 158.2

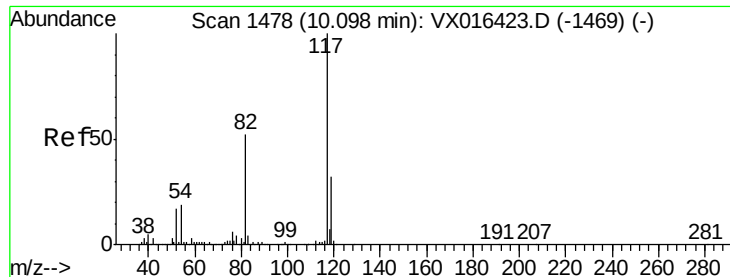


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

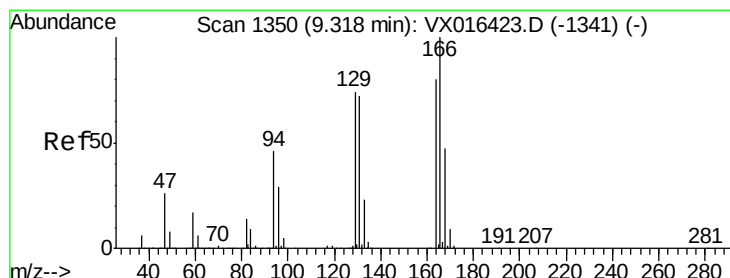
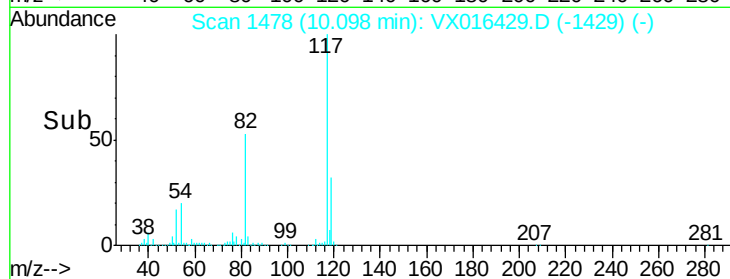
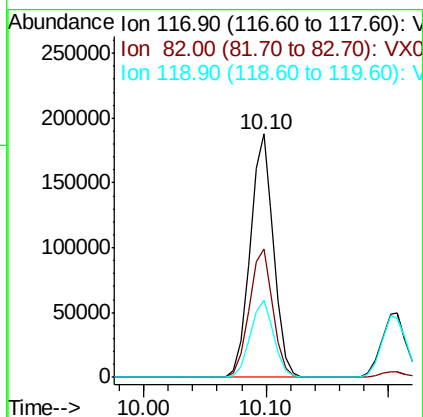
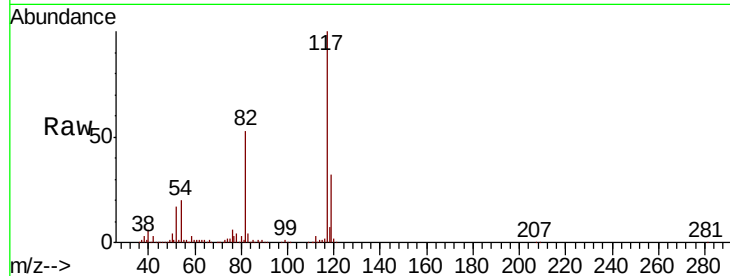




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

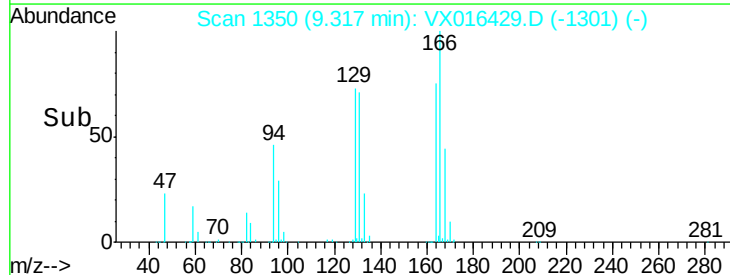
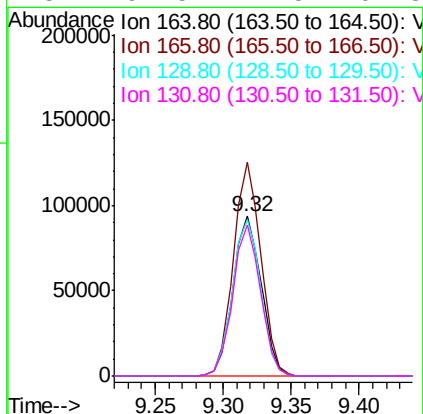
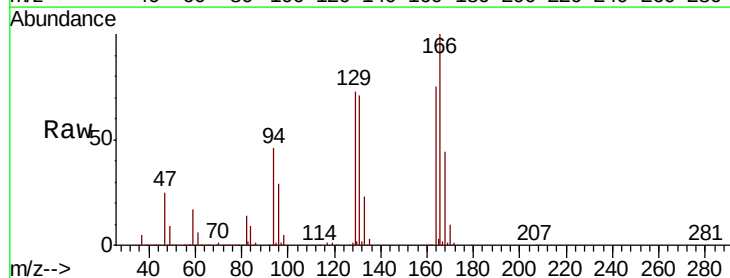
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

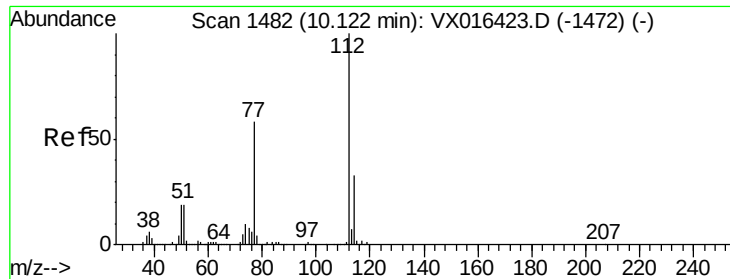
Tot Ion:117 Resp: 248338
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 52.662 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion:164 Resp: 136246
Ion Ratio Lower Upper
164 100
166 133.8 99.5 149.3
129 97.5 73.4 110.0
131 94.5 71.5 107.3

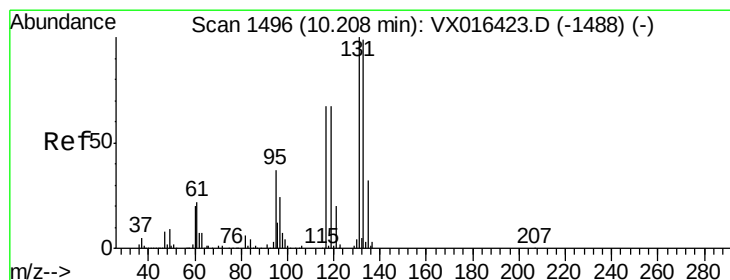
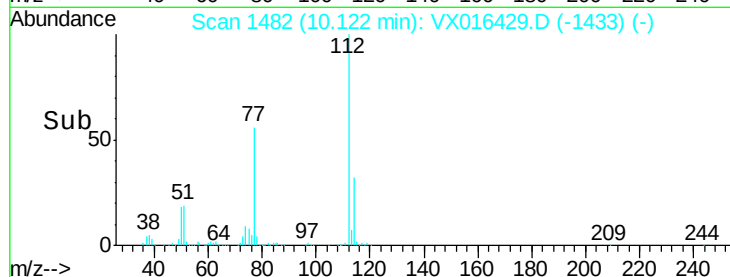
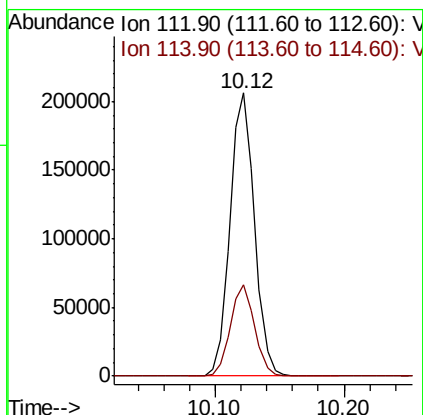
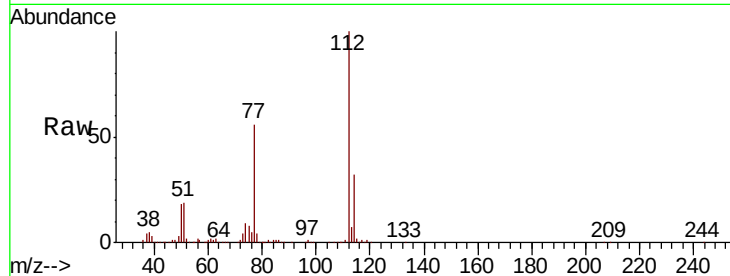




#65
Chlorobenzene
Concen: 55.926 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

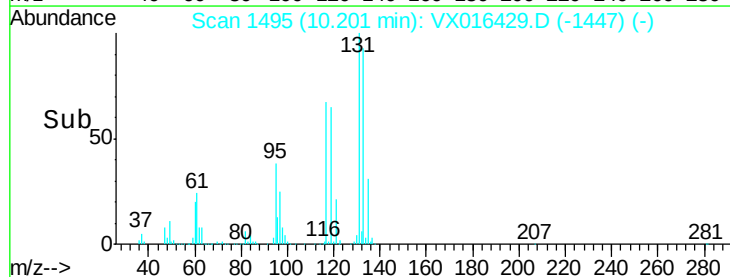
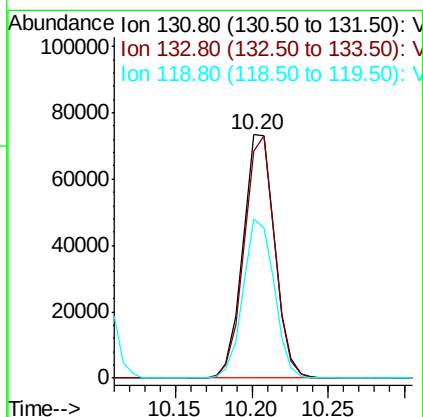
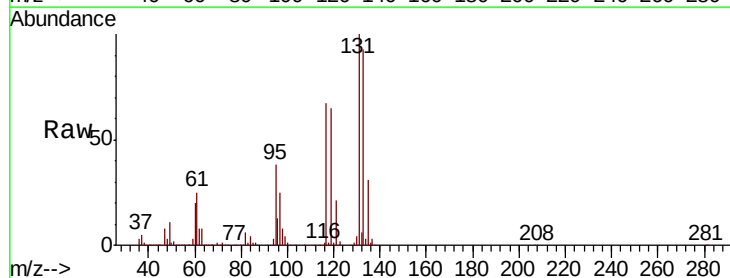
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

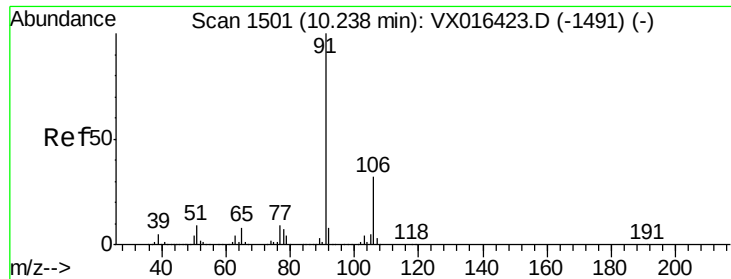
Tot Ion:112 Resp: 273977
Ion Ratio Lower Upper
112 100
114 32.5 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.595 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion:131 Resp: 105754
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 64.1 33.0 98.9





#67

Ethyl Benzene

Concen: 56.169 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

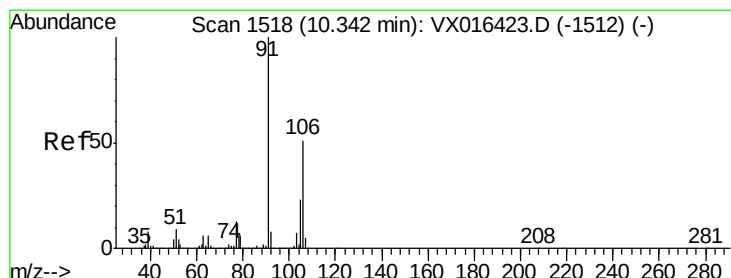
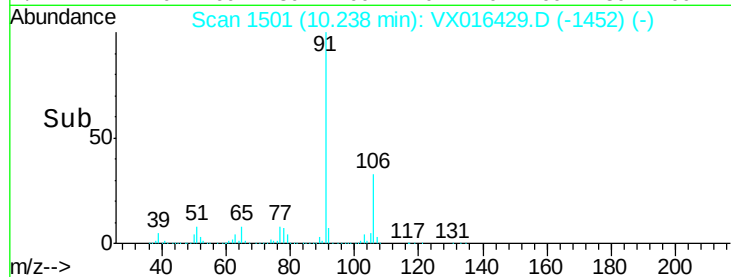
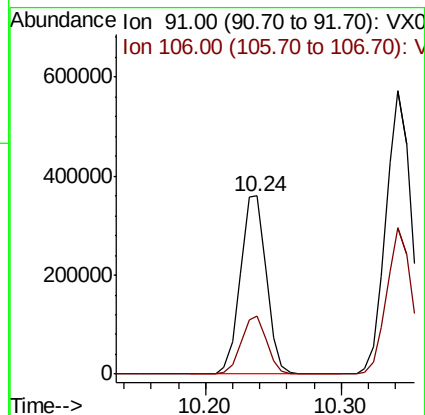
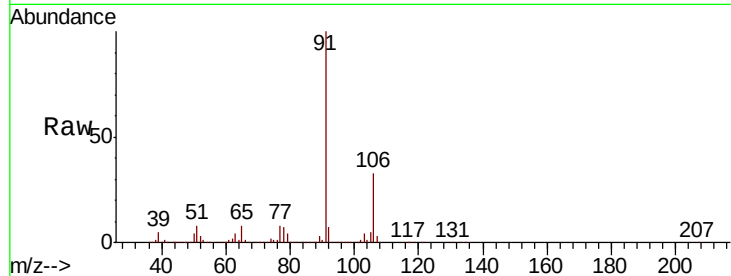
ICVVX052620

Tot Ion: 91 Resp: 479140

Ion Ratio Lower Upper

91 100

106 32.9 25.8 38.8



#68

m/p-Xylenes

Concen: 113.815 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016429.D

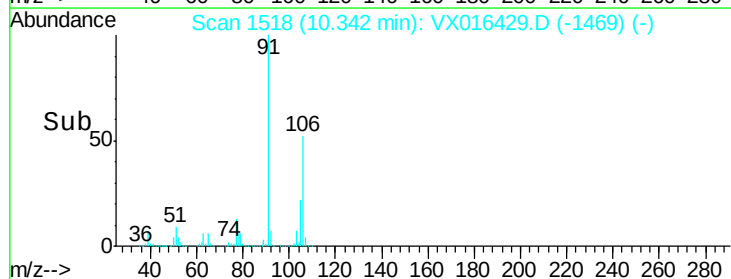
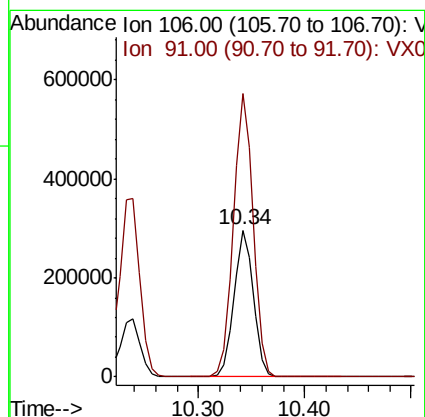
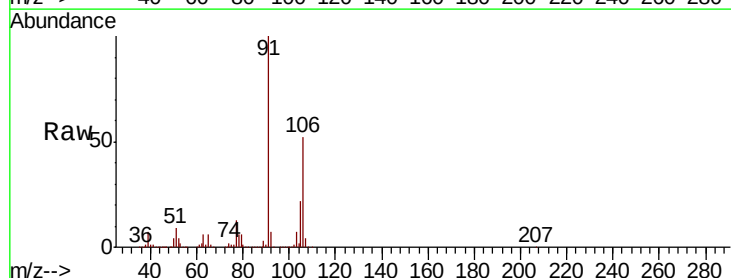
Acq: 26 May 2020 16:37

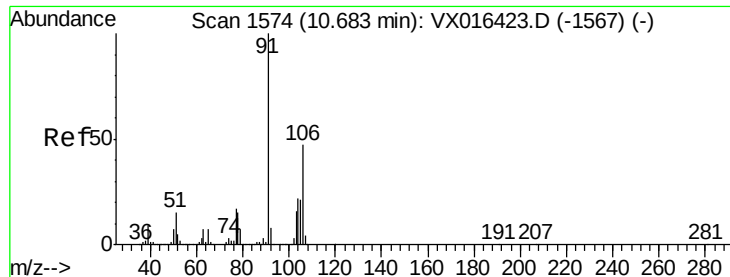
Tgt Ion:106 Resp: 379659

Ion Ratio Lower Upper

106 100

91 196.1 158.2 237.4

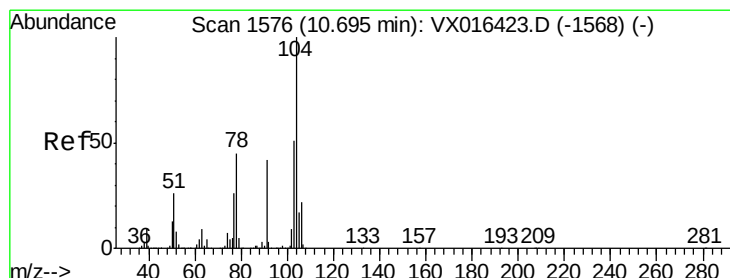
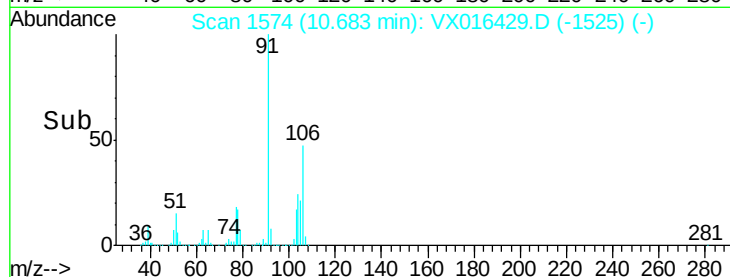
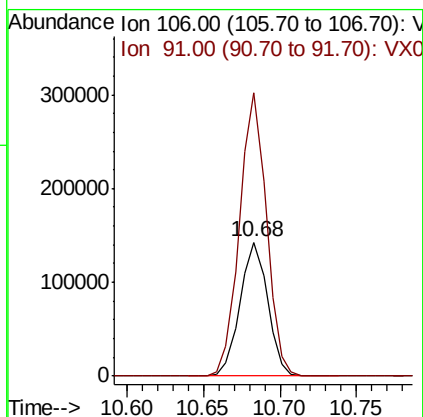
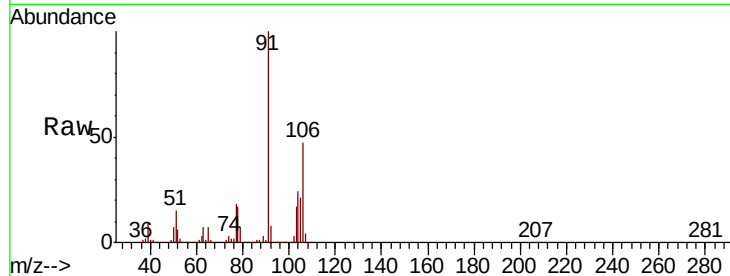




#69
o-Xylene
Concen: 56.390 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

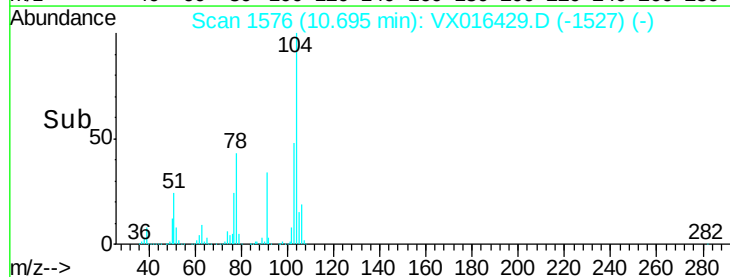
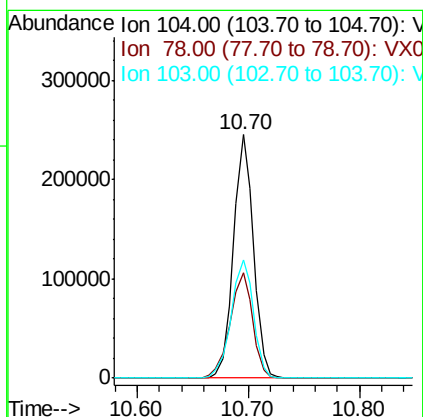
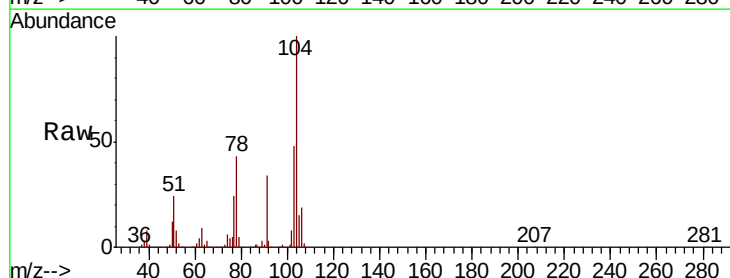
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

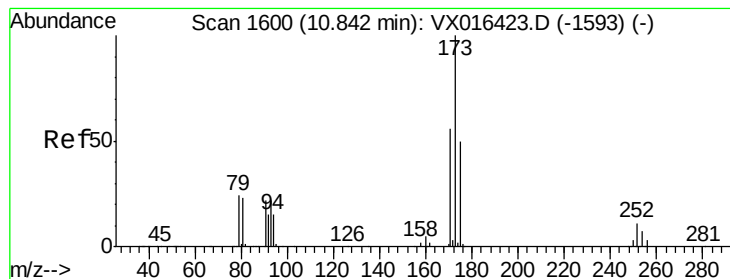
Tot Ion:106 Resp: 178754
Ion Ratio Lower Upper
106 100
91 206.7 104.0 312.0



#70
Styrene
Concen: 56.914 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion:104 Resp: 304580
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 54.3 43.8 65.6





#71

Bromoform

Concen: 57.029 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

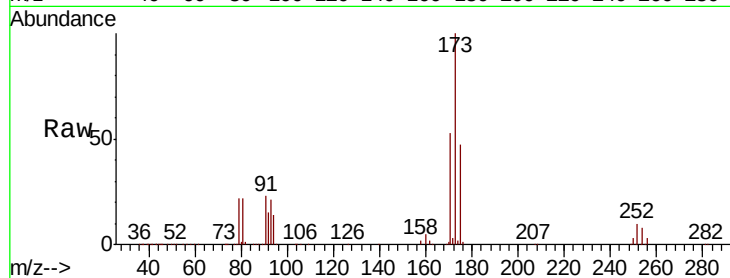
Tot Ion:173 Resp: 89557

Ion Ratio Lower Upper

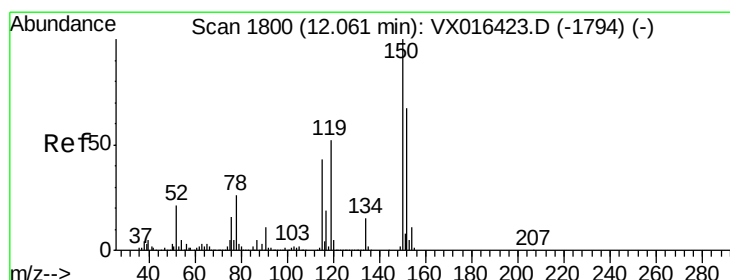
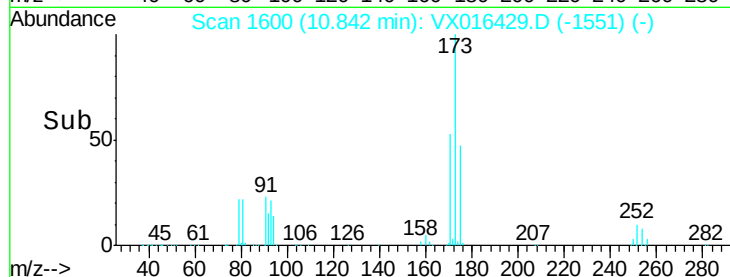
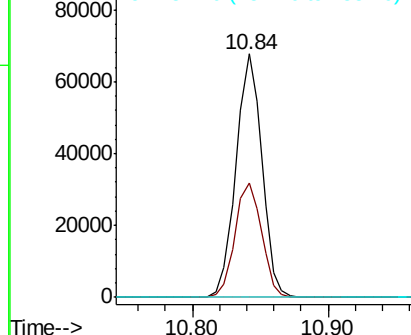
173 100

175 48.5 24.5 73.5

254 0.1 0.2 0.2#



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: VX016429.D

Acq: 26 May 2020 16:37

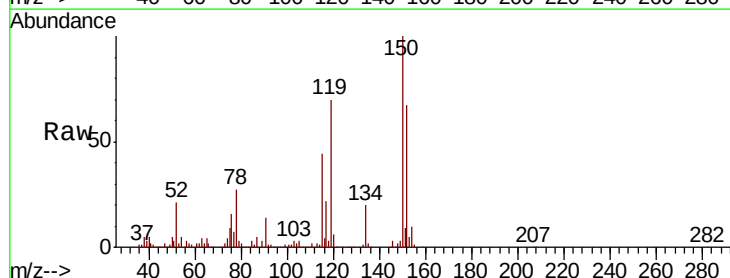
Tgt Ion:152 Resp: 126419

Ion Ratio Lower Upper

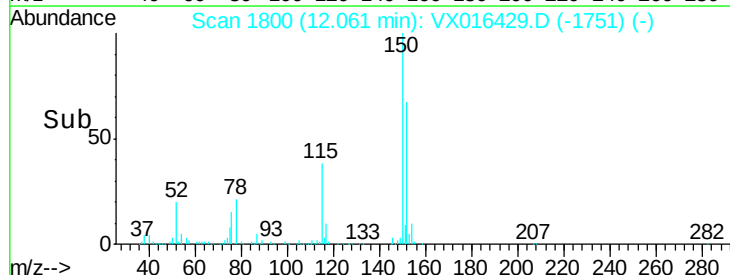
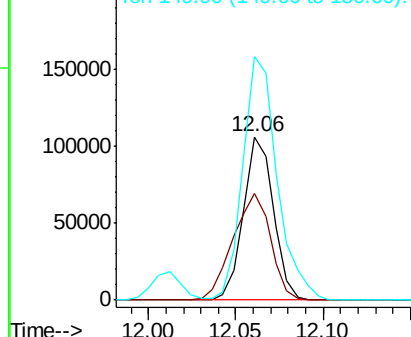
152 100

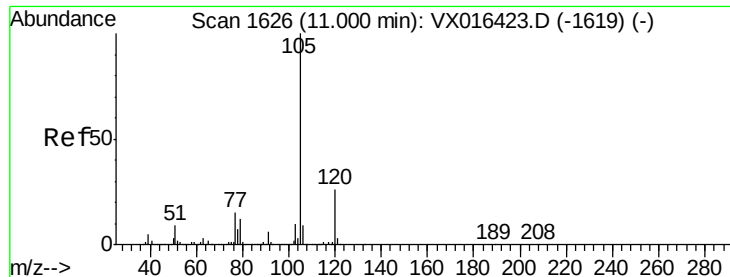
115 81.7 40.4 121.2

150 171.2 0.0 345.8



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: 54.825 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

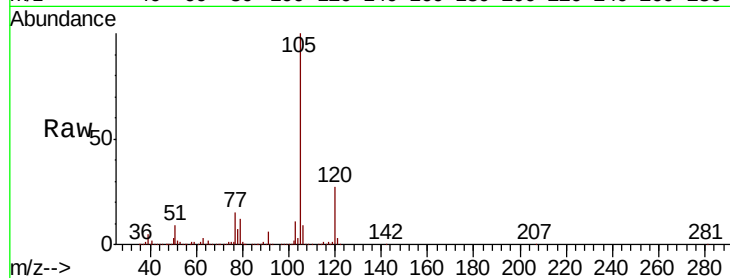
ICVVX052620

Tot Ion:105 Resp: 467937

Ion Ratio Lower Upper

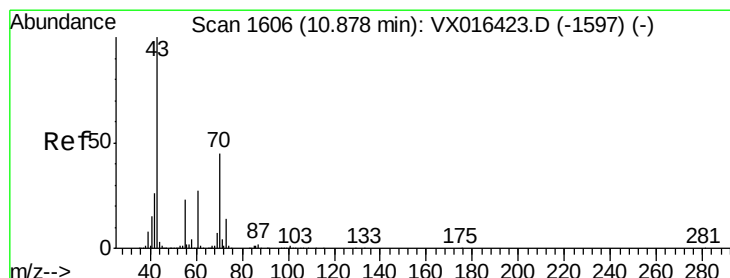
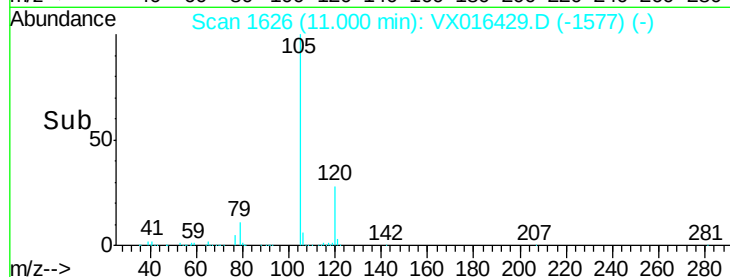
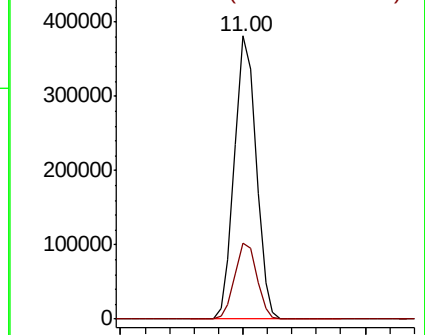
105 100

120 27.2 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.110 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion: 43 Resp: 192819

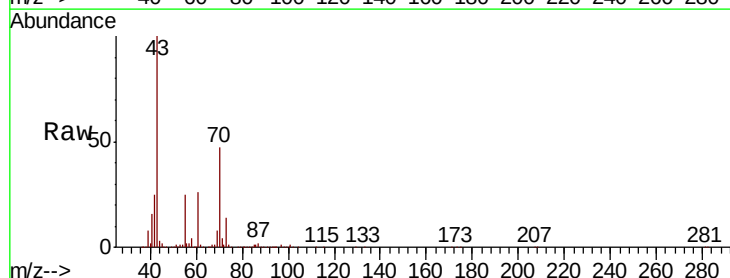
Ion Ratio Lower Upper

43 100

70 48.3 38.0 57.0

55 25.4 20.0 30.0

61 26.3 21.4 32.2

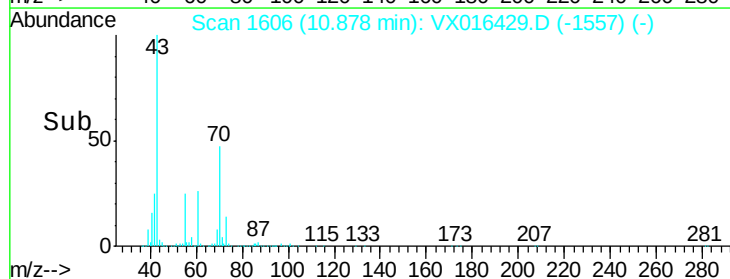
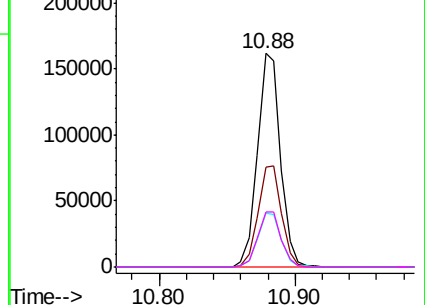


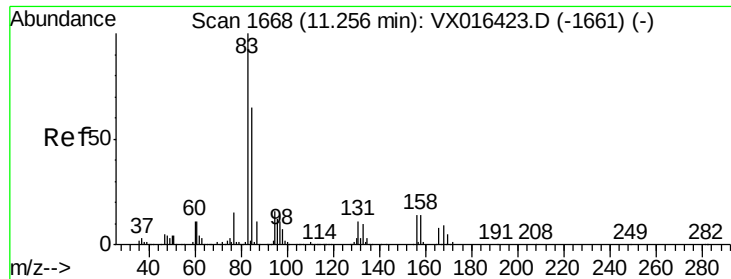
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.631 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

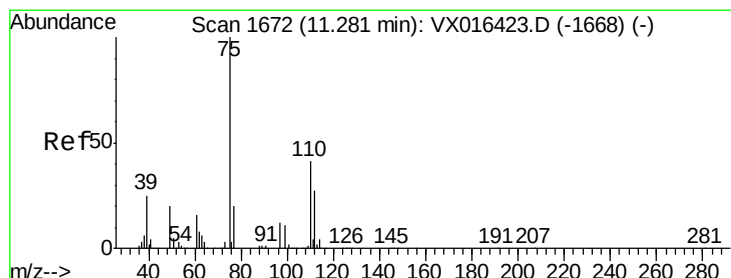
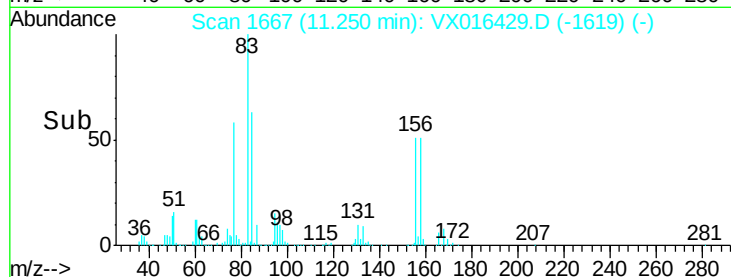
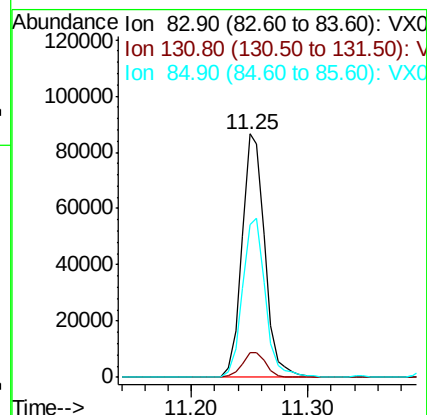
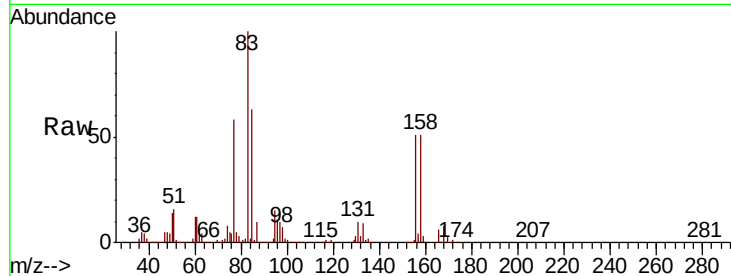
Tot Ion: 83 Resp: 117784

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 65.4 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 71.300 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016429.D

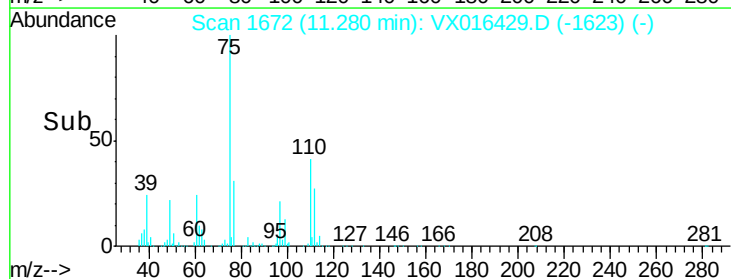
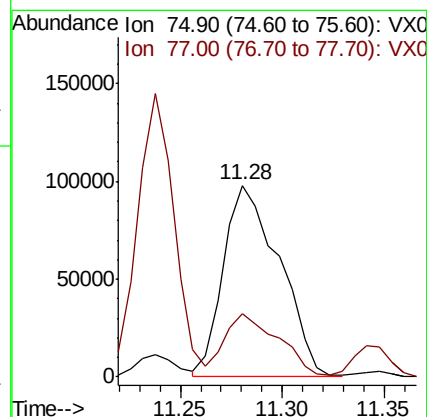
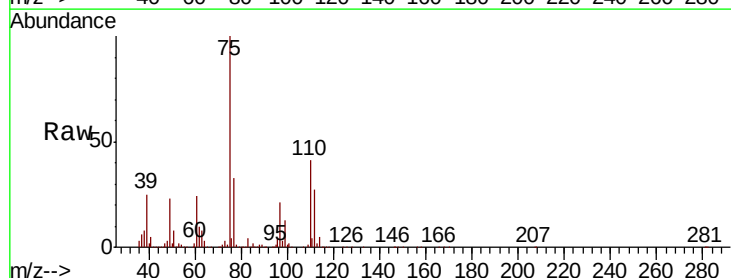
Acq: 26 May 2020 16:37

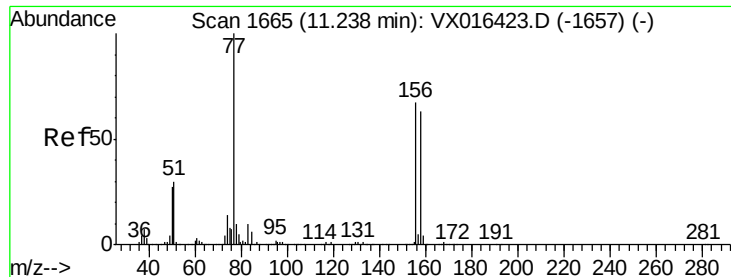
Tgt Ion: 75 Resp: 187082

Ion Ratio Lower Upper

75 100

77 31.9 21.4 64.3





#77

Bromobenzene

Concen: 56.119 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX052620

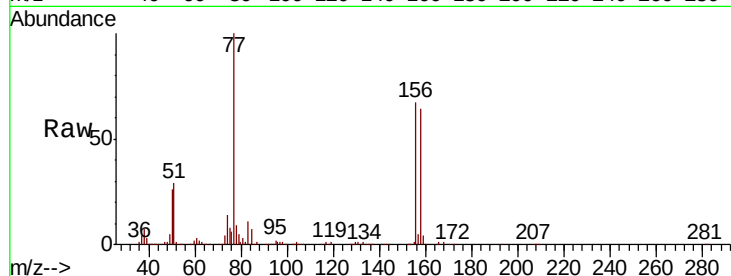
Tot Ion:156 Resp: 124024

Ion Ratio Lower Upper

156 100

77 146.3 74.6 223.8

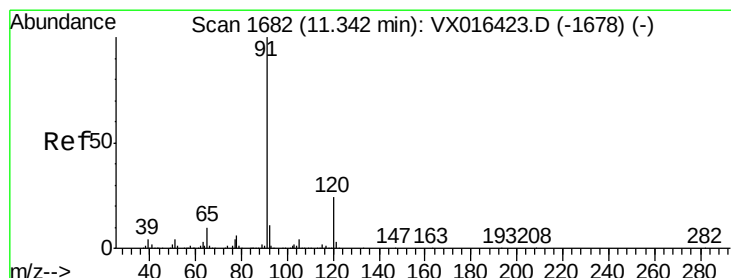
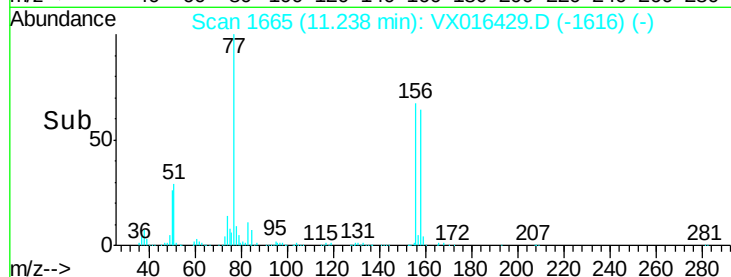
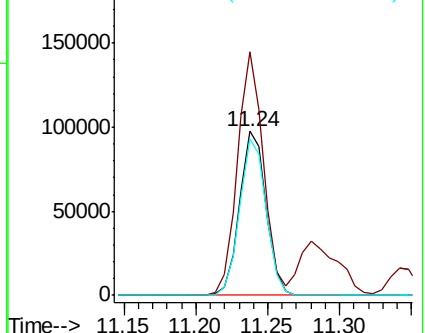
158 95.6 48.7 146.1



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: 54.214 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016429.D

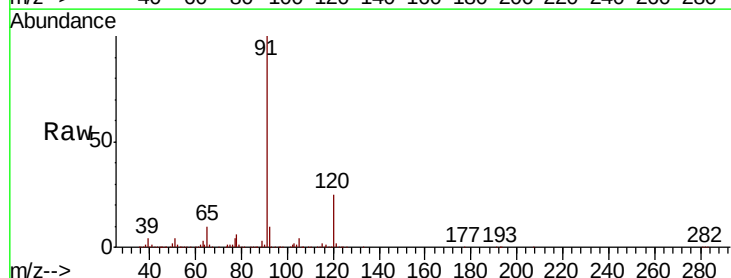
Acq: 26 May 2020 16:37

Tgt Ion: 91 Resp: 523153

Ion Ratio Lower Upper

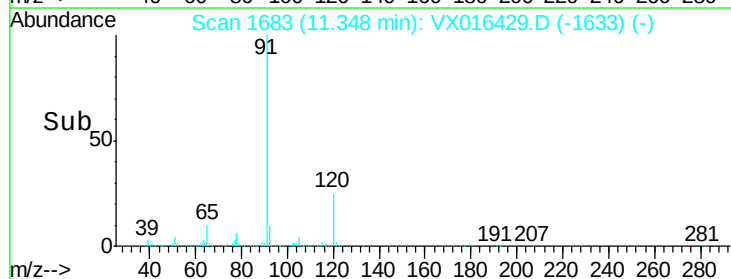
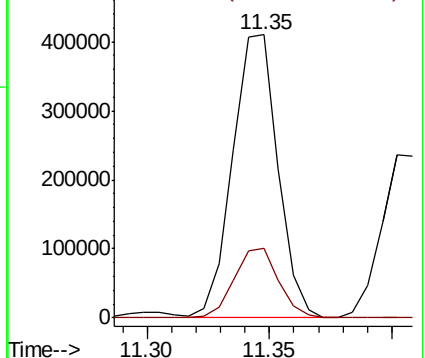
91 100

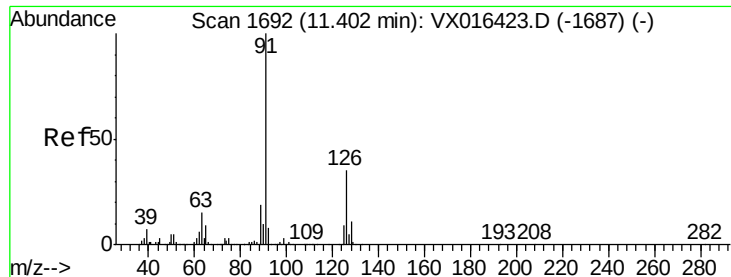
120 24.4 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.160 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

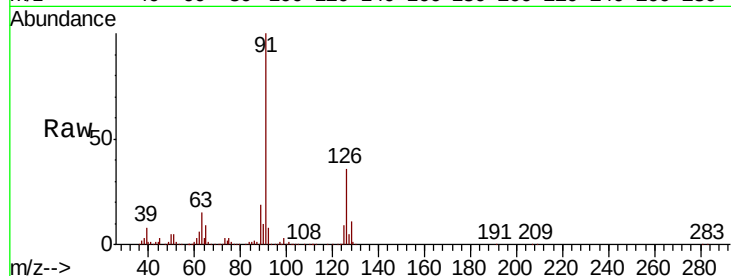
ICVVX052620

Tot Ion: 91 Resp: 310918

Ion Ratio Lower Upper

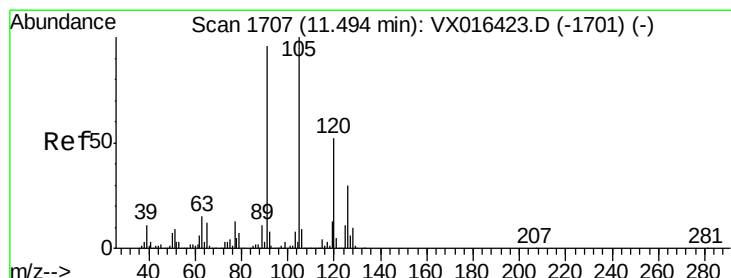
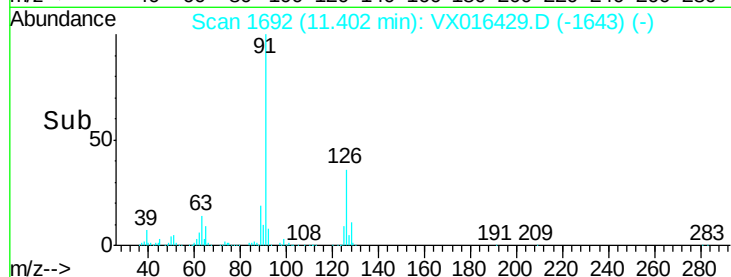
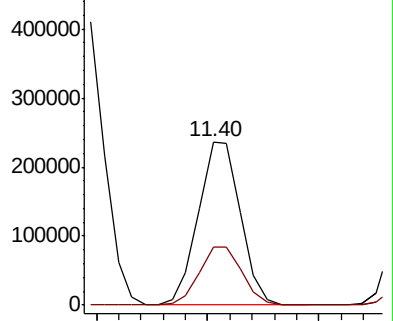
91 100

126 36.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX016423.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016423.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.437 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016429.D

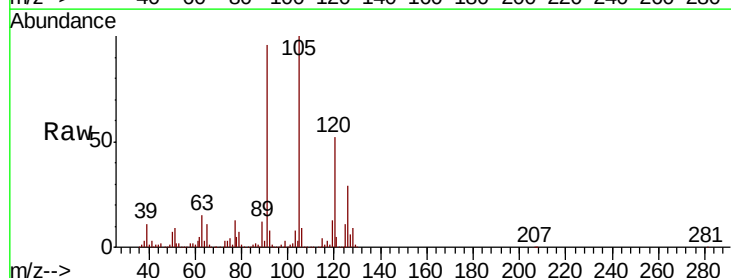
Acq: 26 May 2020 16:37

Tgt Ion: 105 Resp: 388445

Ion Ratio Lower Upper

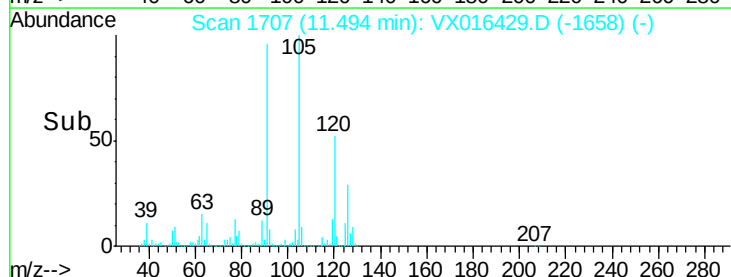
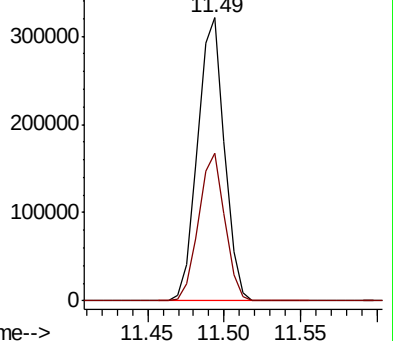
105 100

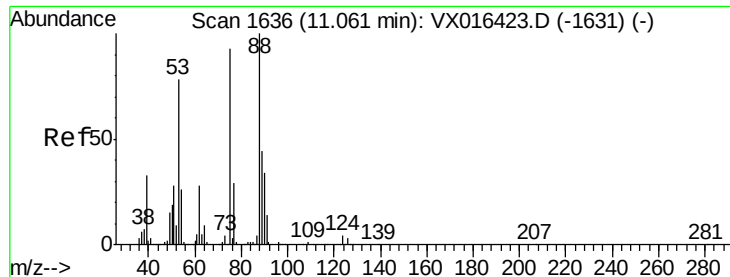
120 51.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX016423.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016423.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.613 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

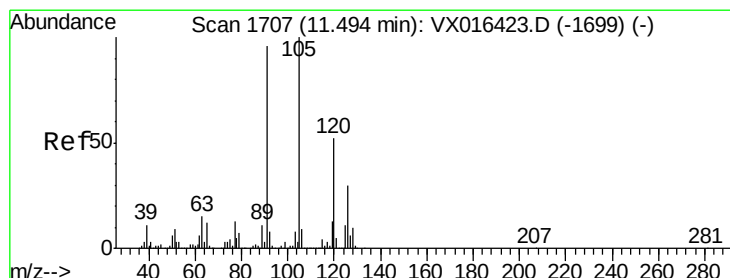
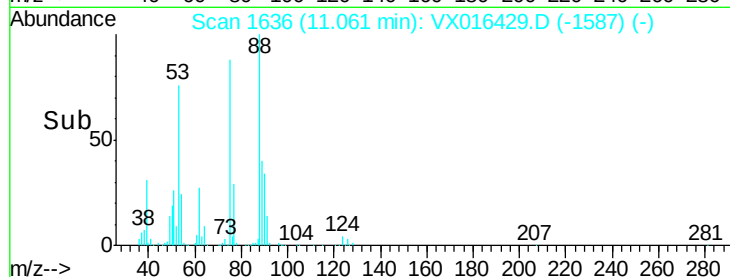
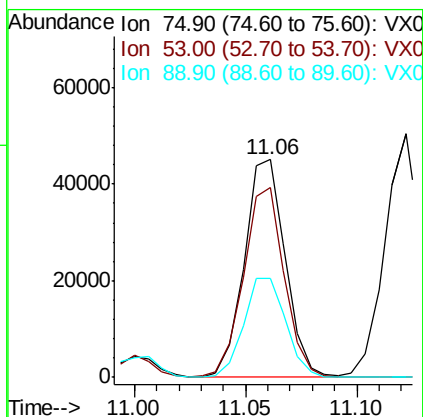
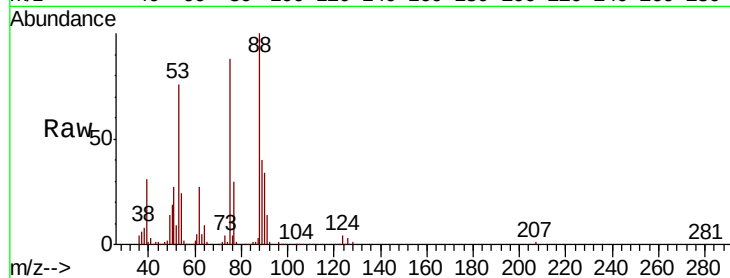
Tot Ion: 75 Resp: 57406

Ion Ratio Lower Upper

75 100

53 87.1 69.4 104.2

89 47.1 37.0 55.6



#82

4-Chlorotoluene

Concen: 54.430 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016429.D

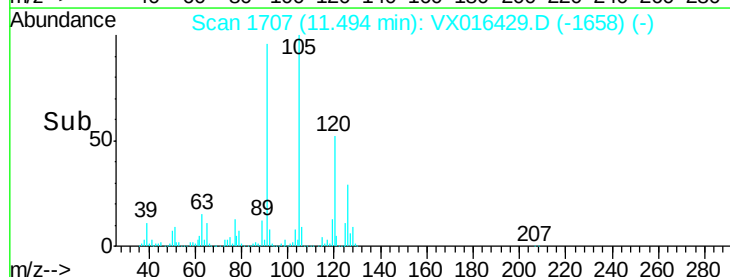
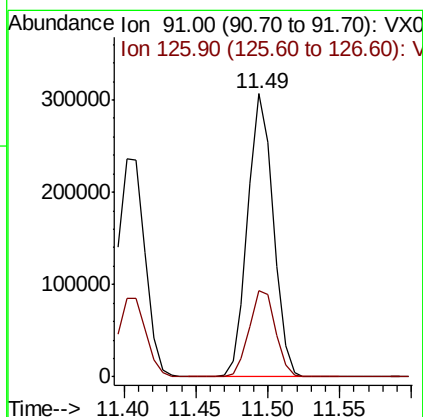
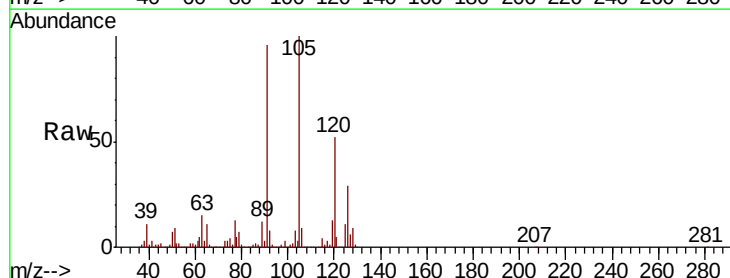
Acq: 26 May 2020 16:37

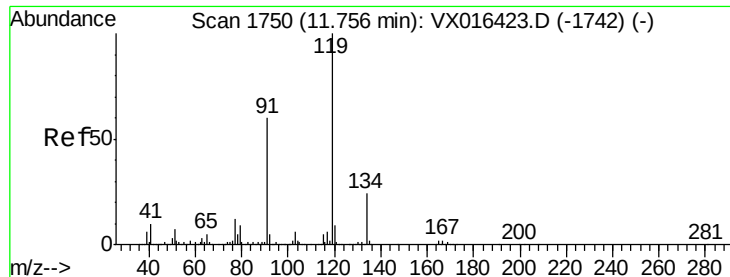
Tgt Ion: 91 Resp: 375799

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0

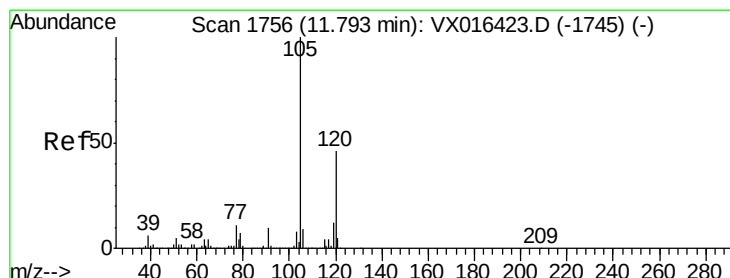
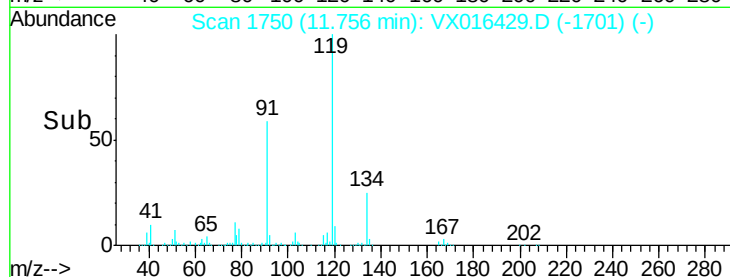
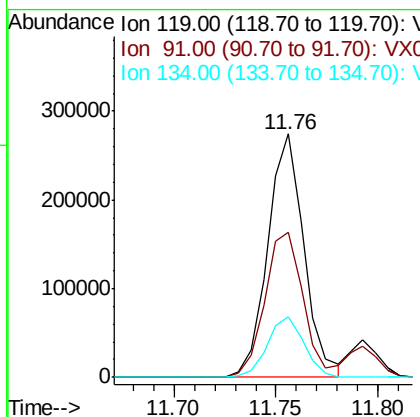
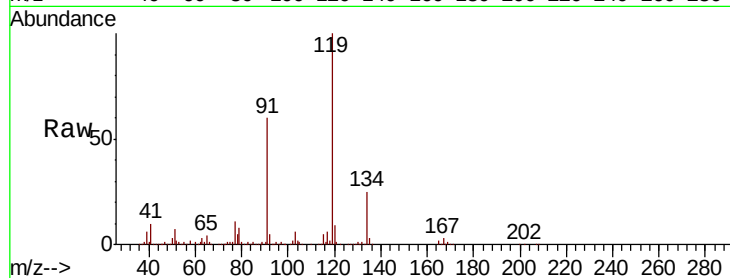




#83
 tert-Butylbenzene
 Concen: 55.744 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

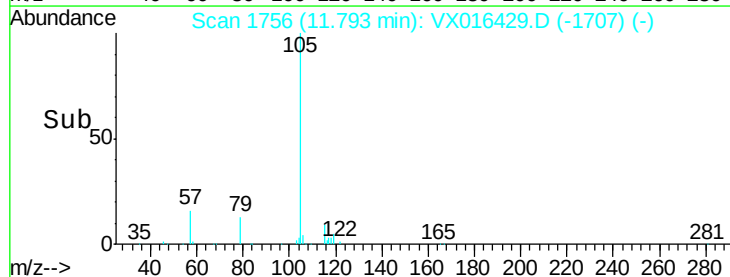
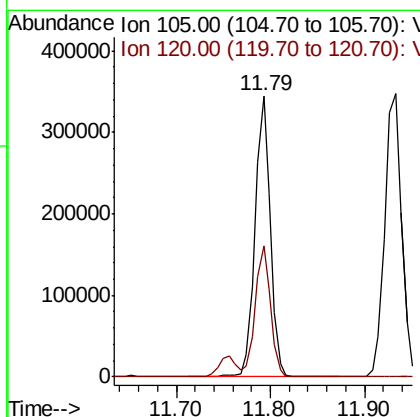
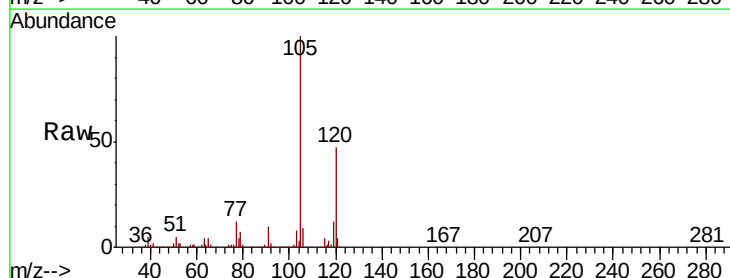
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

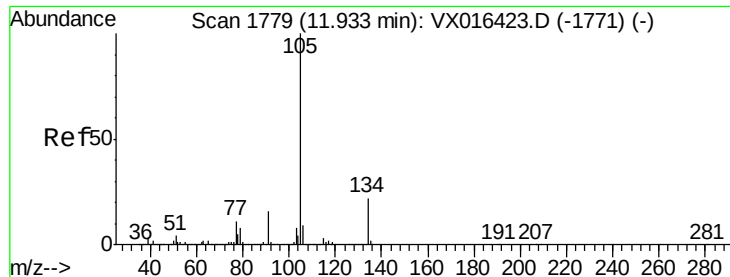
Tot Ion:119 Resp: 340143
 Ion Ratio Lower Upper
 119 100
 91 62.0 30.8 92.3
 134 25.0 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 55.029 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion:105 Resp: 395726
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.016 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

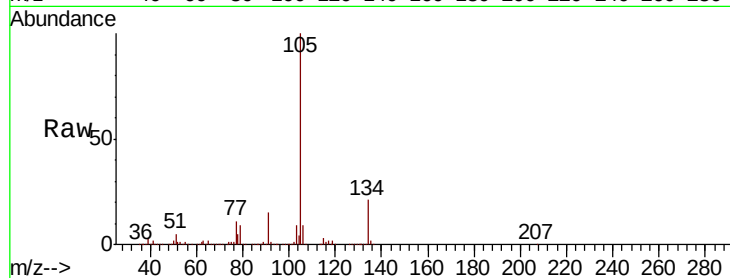
ICVVX052620

Tot Ion:105 Resp: 433016

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

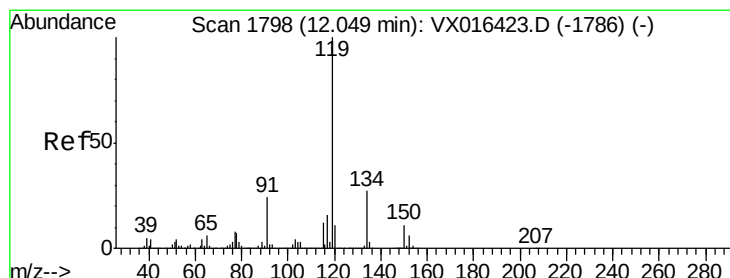
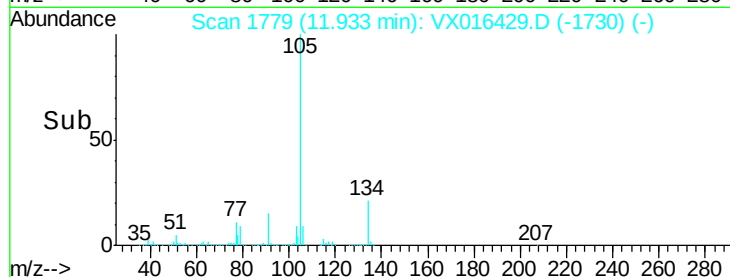
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 56.029 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

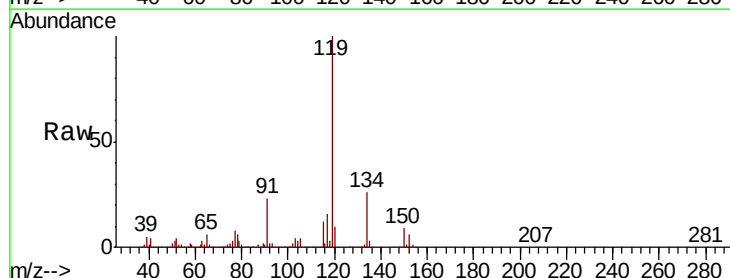
Tgt Ion:119 Resp: 404637

Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.3

91 23.1 11.9 35.5



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

12.05

400000

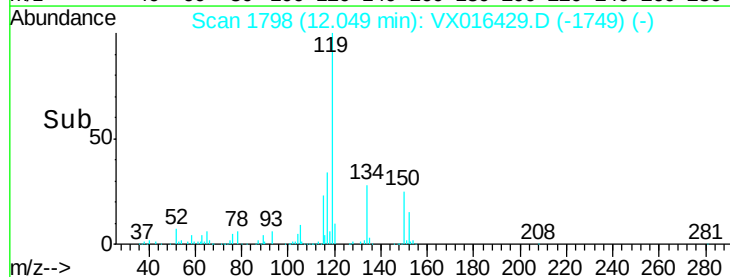
300000

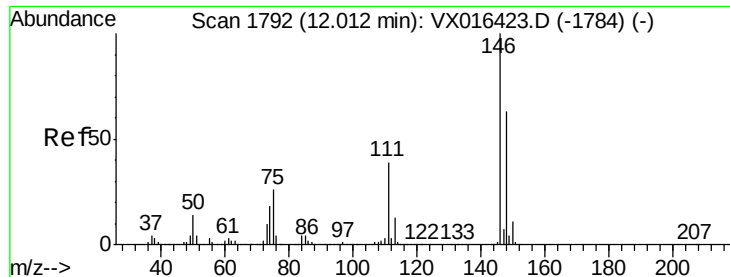
200000

100000

0

Time-->

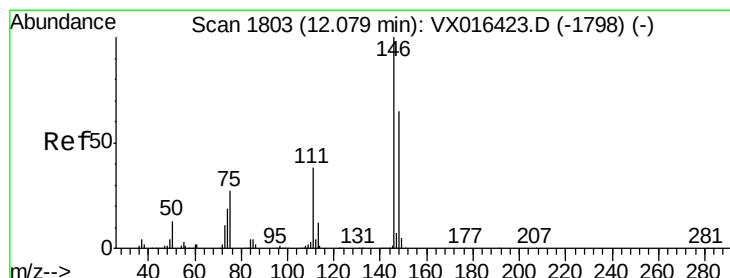
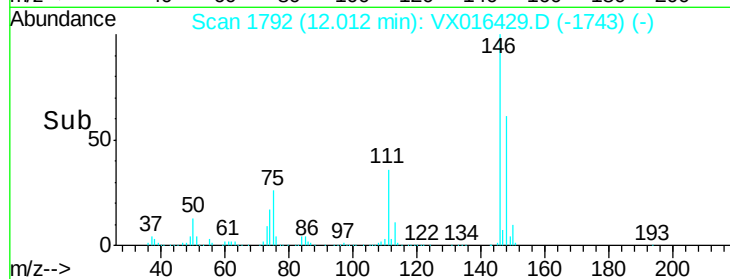
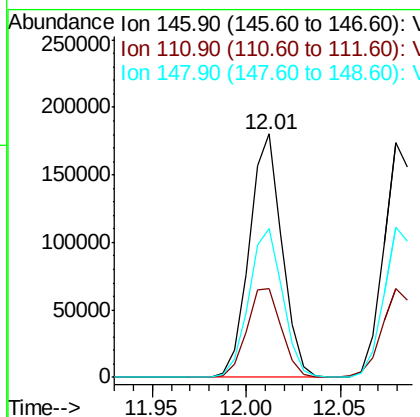
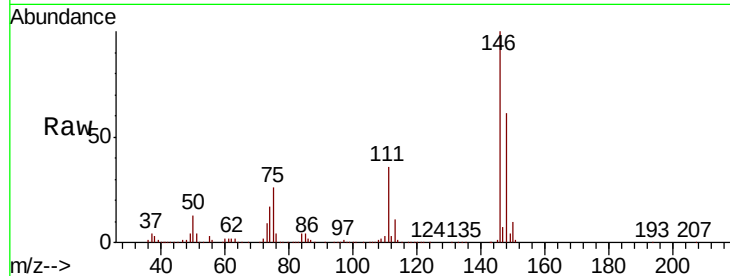




#87
 1,3-Dichlorobenzene
 Concen: 55.058 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

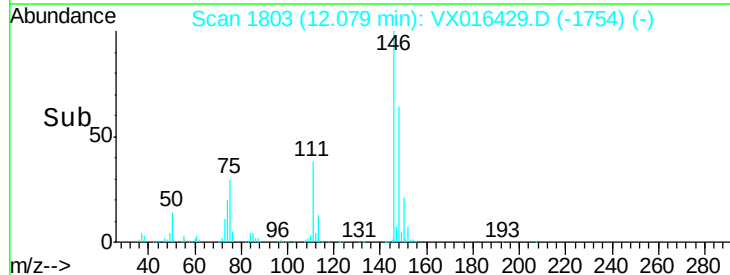
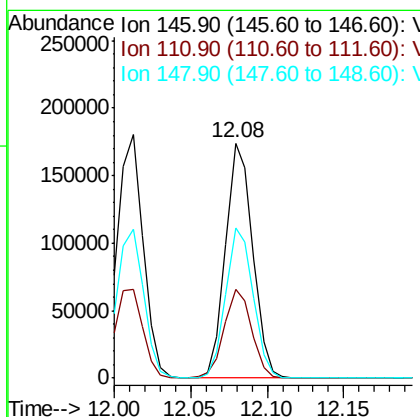
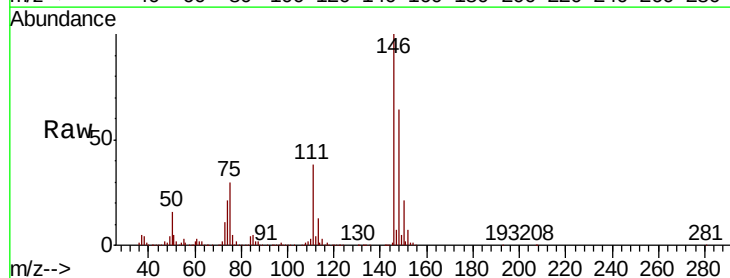
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

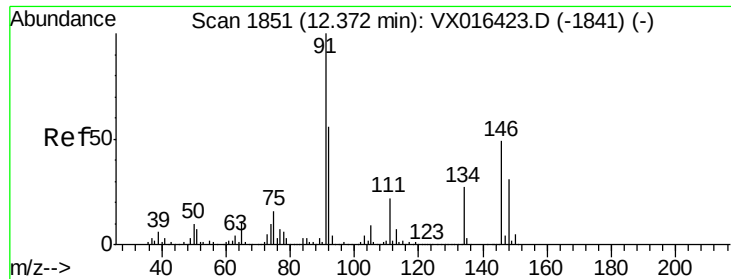
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	62.9	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 53.954 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	64.4	33.1	99.2





#89

n-Butylbenzene

Concen: 54.836 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

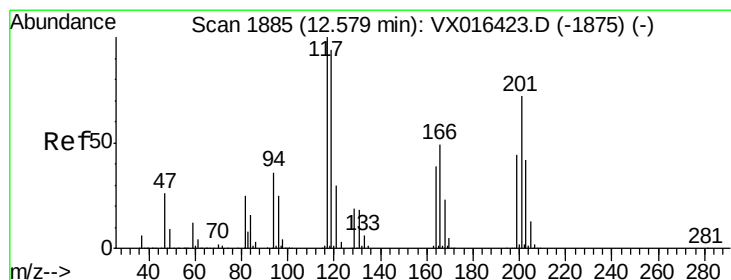
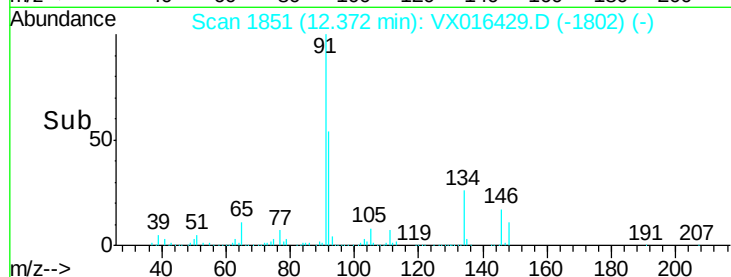
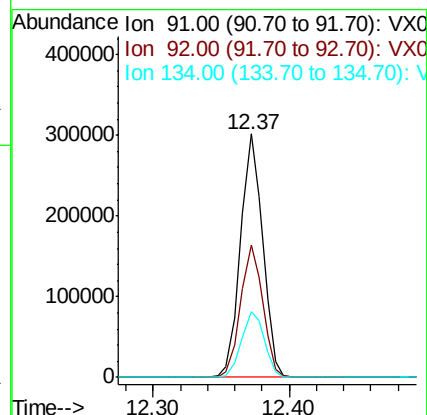
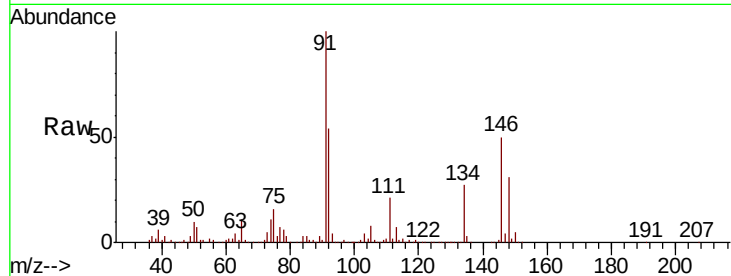
Tot Ion: 91 Resp: 343572

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.8

134 27.8 13.7 41.1



#90

Hexachloroethane

Concen: 55.957 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016429.D

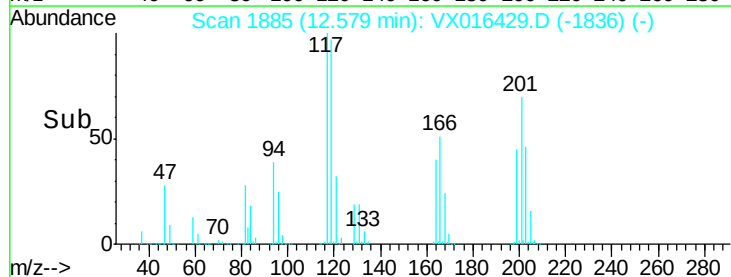
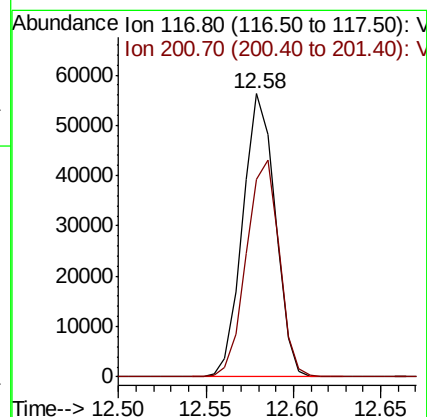
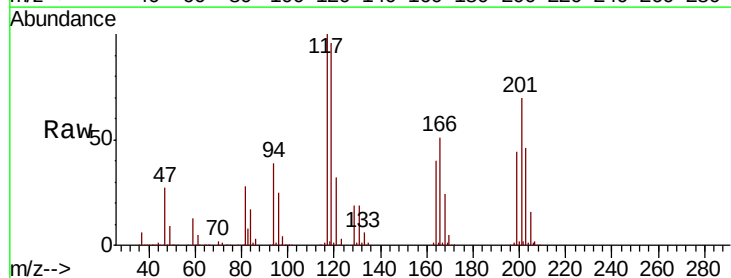
Acq: 26 May 2020 16:37

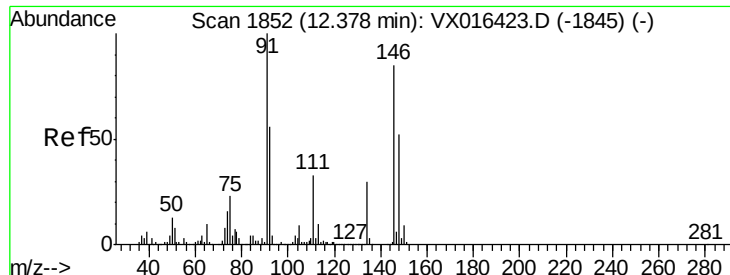
Tgt Ion: 117 Resp: 73236

Ion Ratio Lower Upper

117 100

201 77.2 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 54.554 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVX052620

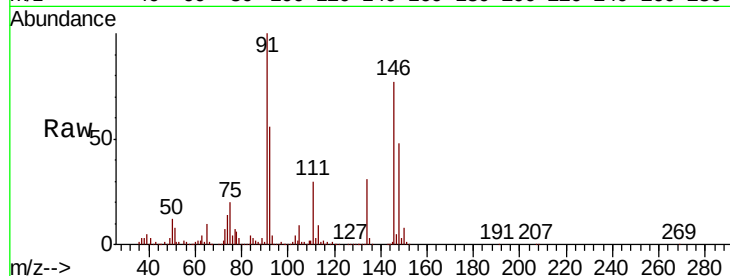
Tot Ion:146 Resp: 210913

Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.3

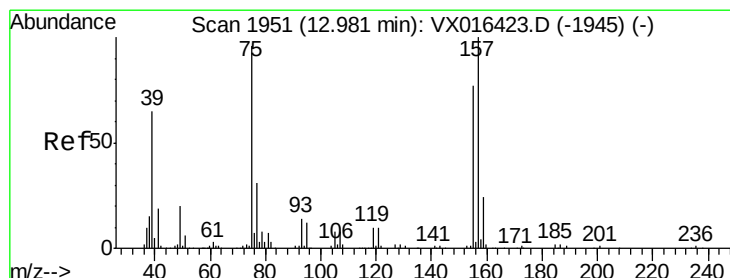
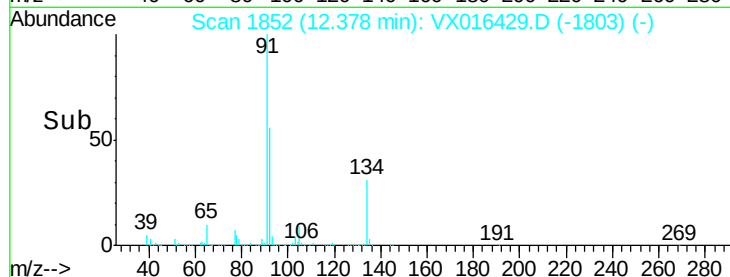
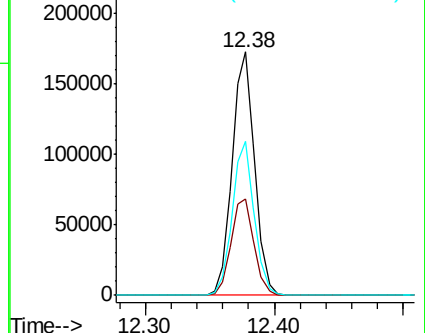
148 61.9 31.6 94.8



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: 53.812 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

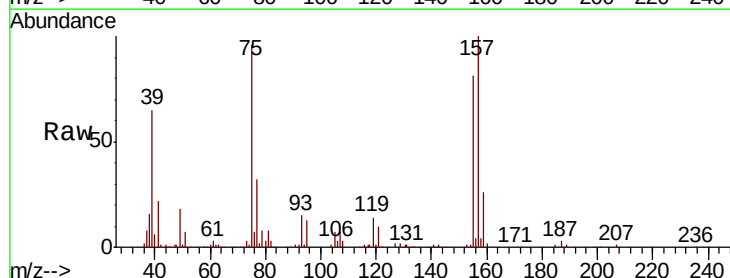
Tgt Ion: 75 Resp: 35901

Ion Ratio Lower Upper

75 100

155 92.7 44.8 134.4

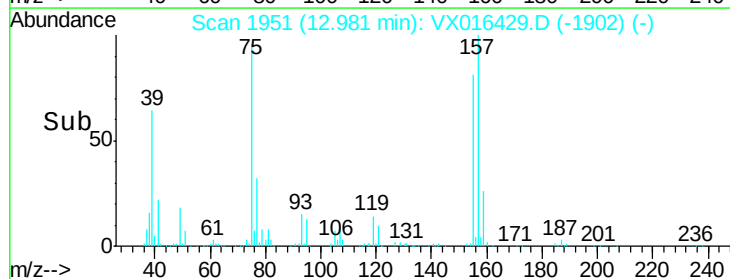
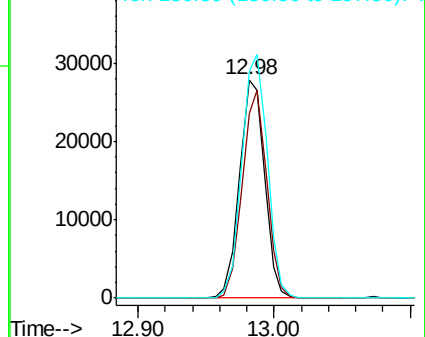
157 113.2 57.8 173.4

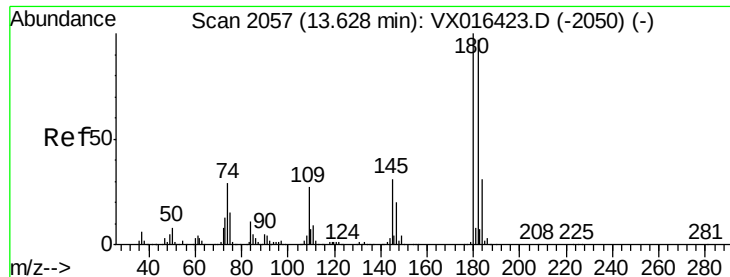


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

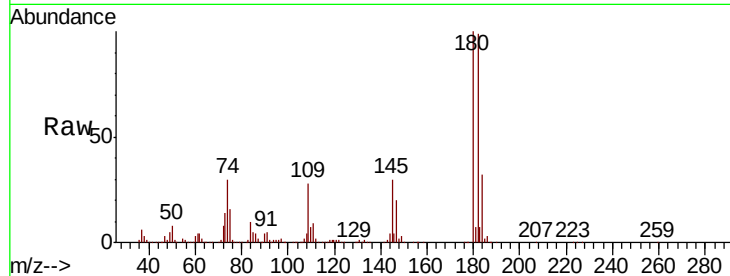




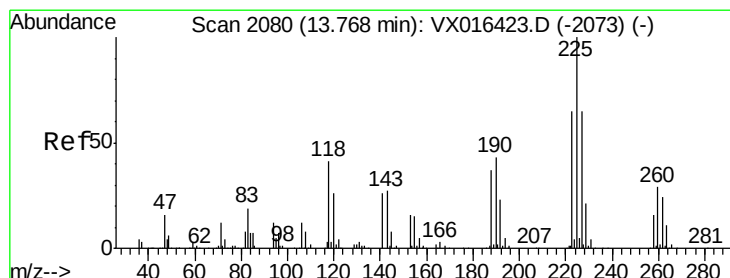
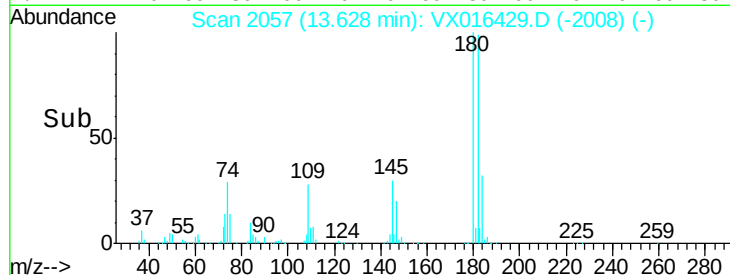
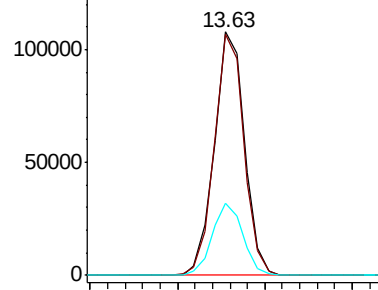
#93
 1,2,4-Trichlorobenzene
 Concen: 53.569 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.6	145.8
145	30.2	15.5	46.5

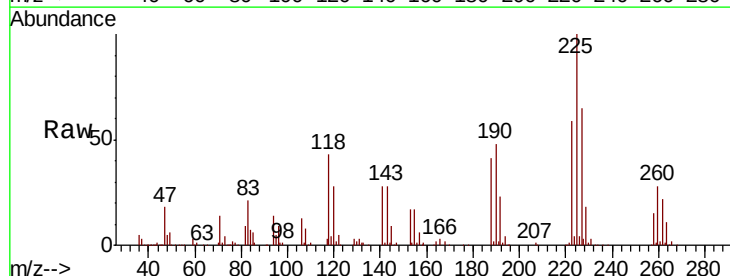


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

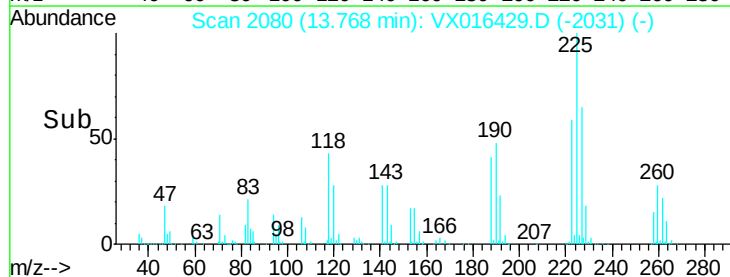
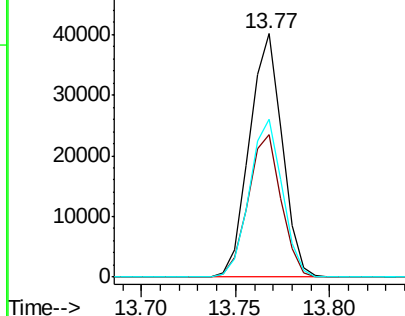


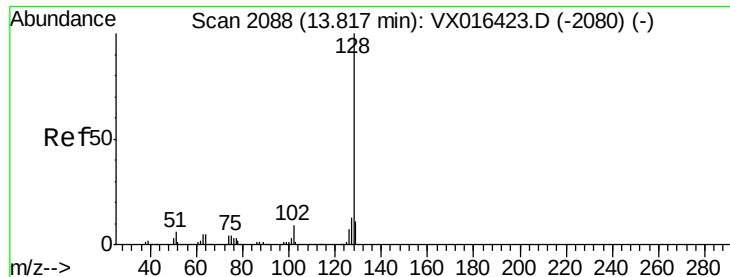
#94
 Hexachlorobutadiene
 Concen: 55.813 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.9	32.6	98.0
227	64.9	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

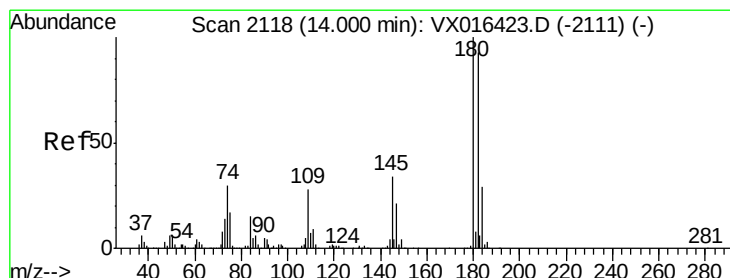
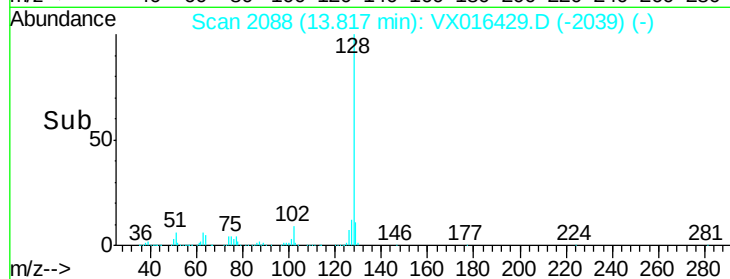
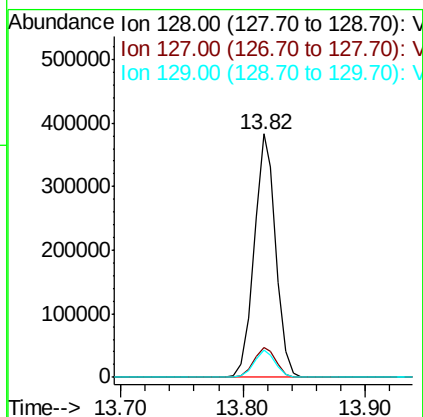
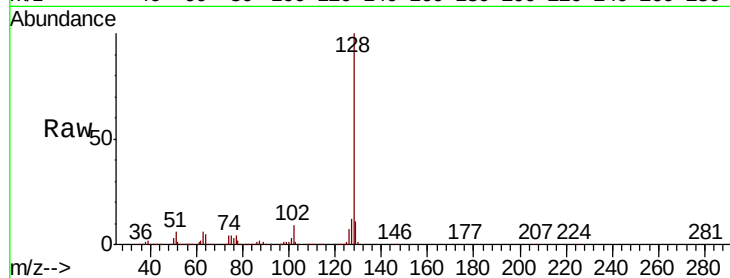




#95
Naphthalene
Concen: 54.375 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion:128 Resp: 468861
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.794 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion:180 Resp: 127441
Ion Ratio Lower Upper
180 100
182 96.1 48.2 144.6
145 32.6 16.3 48.9

