

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013996.D
 Acq On : 13 Dec 2019 00:54
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Quant Time: Dec 13 02:09:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	89754	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	499369	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	451742	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	191065	29.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.07%
60) 4-Bromofluorobenzene	11.14	95	215265	29.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.37%
63) Toluene-d8	8.71	98	608662	30.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	85994	18.967	ug/l 96
3) Chloromethane	1.31	50	127990	20.029	ug/l 97
4) Vinyl Chloride	1.40	62	125299	19.128	ug/l 99
5) Bromomethane	1.63	94	100306	20.947	ug/l 98
6) Chloroethane	1.70	64	77391	19.127	ug/l 96
7) Trichlorofluoromethane	1.92	101	157154	19.280	ug/l 99
8) Diethyl Ether	2.18	74	70832	18.905	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92939	19.117	ug/l 97
10) 1,1-Dichloroethene	2.36	96	99411	19.779	ug/l 98
11) Methyl Iodide	2.50	142	100888	15.593	ug/l 98
12) Methyl Acetate	2.76	43	149508	19.215	ug/l 96
13) Acrolein	2.28	56	101472	107.525	ug/l 99
14) Acrylonitrile	3.13	53	296311	97.416	ug/l 100
15) Acetone	2.44	58	77950	87.237	ug/l 82
16) Carbon Disulfide	2.56	76	282582	20.755	ug/l 96
17) Allyl chloride	2.72	41	174342	19.304	ug/l 98
18) Methylene Chloride	2.84	84	122345	19.866	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	110756	20.124	ug/l 99
20) Diisopropyl ether	3.84	45	354331	19.120	ug/l 98
21) 1,1-Dichloroethane	3.69	63	192053	19.095	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	124876	19.572	ug/l 99
23) tert-Butyl Alcohol	3.05	59	117048	98.108	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	327047	19.263	ug/l 99
25) Chloroform	5.20	83	185607	19.356	ug/l 100
26) Cyclohexane	5.57	56	173443	19.339	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	143211	19.854	ug/l 99
30) 2-Butanone	4.66	43	409827	96.393	ug/l 100
31) 2,2-Dichloropropane	4.58	77	127431	19.098	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	156504	19.616	ug/l 98
33) Carbon Tetrachloride	5.78	117	130453	19.235	ug/l 98
34) Benzene	6.13	78	439924	19.559	ug/l 98
35) Methacrylonitrile	5.03	41	89352	19.540	ug/l 96
36) 1,2-Dichloroethane	6.18	62	153216	19.611	ug/l 99
37) Trichloroethene	7.21	130	118536	19.368	ug/l 95
38) Methylcyclohexane	7.45	83	170807	19.852	ug/l 98
39) 1,2-Dichloropropane	7.51	63	113704	19.464	ug/l 96
40) Dibromomethane	7.65	93	75813	20.315	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	136021	18.824	ug/l	98
42) Vinyl Acetate	3.80	43	1520472	101.292	ug/l	100
43) Ethyl Acetate	4.82	43	163138	19.997	ug/l	99
44) Isopropyl Acetate	6.44	43	263313	19.271	ug/l	100
45) 1,4-Dioxane	7.74	88	51987	406.289	ug/l	99
46) Methyl methacrylate	7.76	41	129080	19.449	ug/l	98
47) n-amyl Acetate	10.89	43	228738	18.827	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	150440	19.075	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	169795	19.144	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	110975	19.269	ug/l	98
51) Ethyl methacrylate	9.17	69	176552	19.272	ug/l	98
52) 1,3-Dichloropropane	9.37	76	189633	19.380	ug/l	99
53) Dibromochloromethane	9.57	129	108947	18.918	ug/l	99
54) 1,2-Dibromoethane	9.67	107	116396	19.629	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	403476	99.912	ug/l	99
56) Bromoform	10.85	173	82221	18.308	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	824152	97.506	ug/l	99
59) 2-Hexanone	9.49	43	618982	96.499	ug/l	98
61) Tetrachloroethene	9.33	164	112389	18.806	ug/l	97
62) Toluene	8.78	91	468845	19.514	ug/l	98
64) Chlorobenzene	10.14	112	295466	19.629	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	106965	19.191	ug/l	99
66) Ethyl Benzene	10.25	91	516434	19.641	ug/l	100
67) m/p-Xylenes	10.36	106	395717	39.370	ug/l	99
68) o-Xylene	10.70	106	192584	19.341	ug/l	99
69) Styrene	10.71	104	324968	19.192	ug/l	100
70) Isopropylbenzene	11.01	105	506002	19.665	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	176002	19.288	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	190040	23.397	ug/l	96
73) Bromobenzene	11.25	156	132124	19.235	ug/l	98
74) n-propylbenzene	11.35	91	568548	19.481	ug/l	98
75) 2-Chlorotoluene	11.42	91	343764	19.494	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	423786	19.415	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	49159	18.328	ug/l	96
78) 4-Chlorotoluene	11.51	91	386131	19.162	ug/l	97
79) tert-butylbenzene	11.76	119	414213	19.687	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	425043	19.474	ug/l	100
81) sec-Butylbenzene	11.94	105	481504	19.241	ug/l	98
82) p-Isopropyltoluene	12.06	119	439247	19.450	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	234658	19.600	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	229274	19.232	ug/l	100
85) n-Butylbenzene	12.39	91	358989	18.906	ug/l	99
86) Hexachloroethane	12.59	117	75250	18.368	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	234822	19.310	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	33568	18.456	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	149396	19.222	ug/l	99
90) Hexachlorobutadiene	13.78	225	71365	19.318	ug/l	99
91) Naphthalene	13.83	128	456562	19.544	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	149858	19.010	ug/l	99

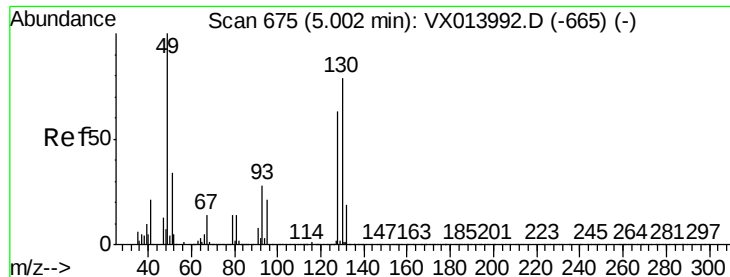
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

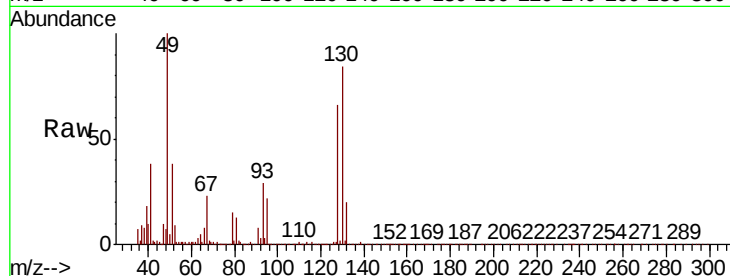
Tot Ion:128 Resp: 89754

Ion Ratio Lower Upper

128 100

49 160.0 0.0 405.0

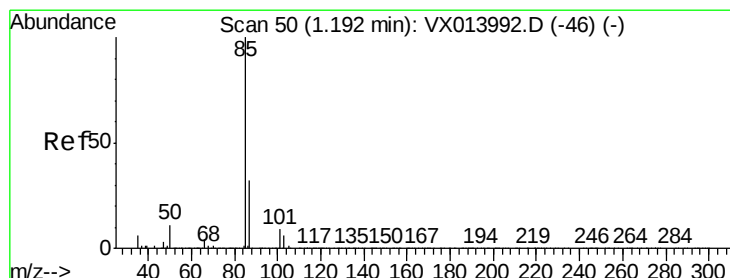
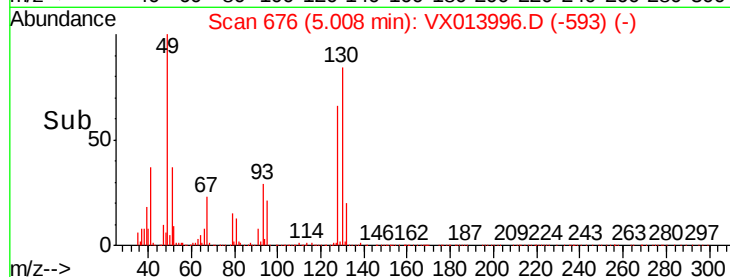
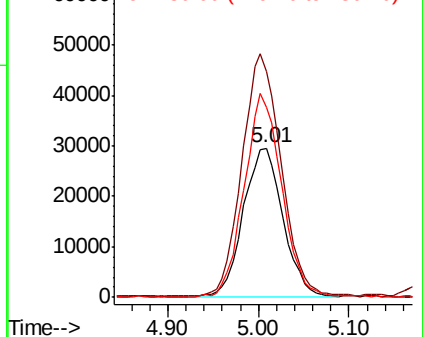
130 128.2 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.967 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013996.D

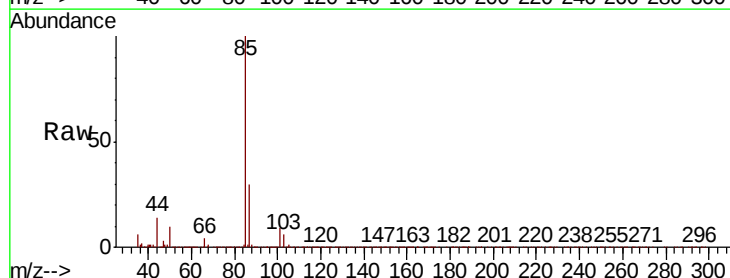
Acq: 13 Dec 2019 00:54

Tgt Ion: 85 Resp: 85994

Ion Ratio Lower Upper

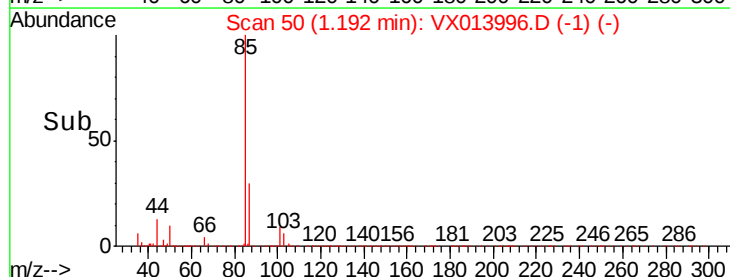
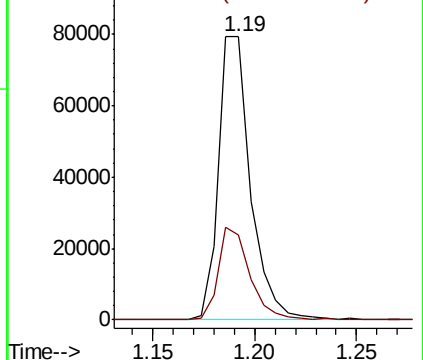
85 100

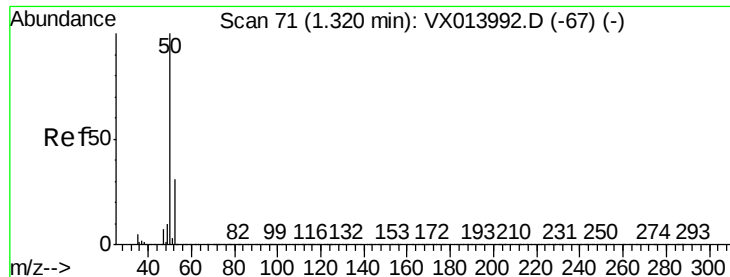
87 30.1 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

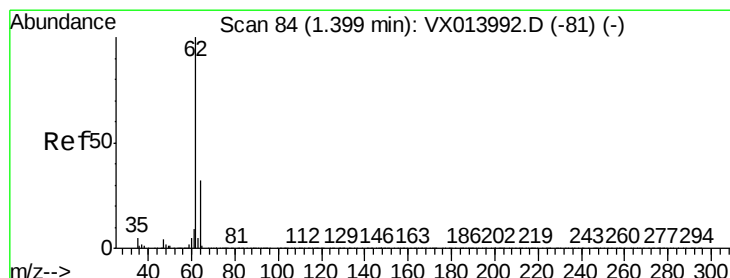
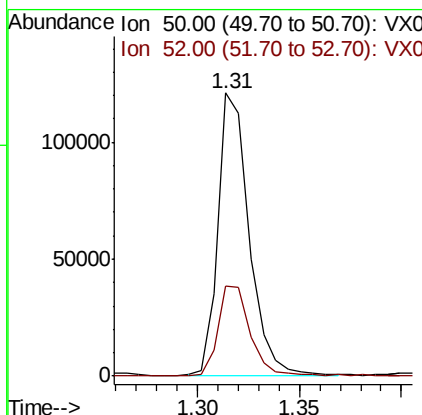
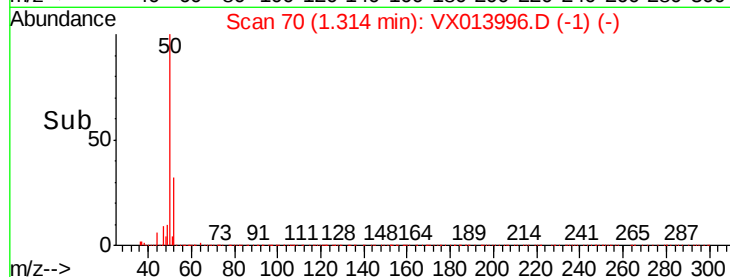
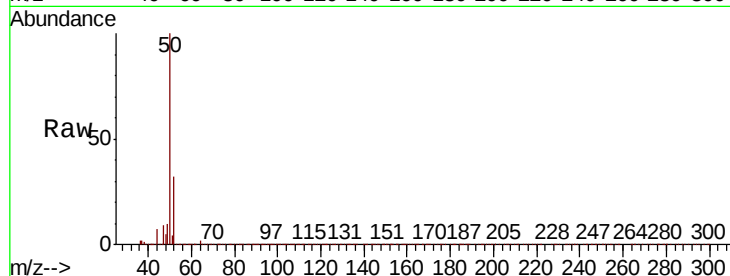




#3
Chloromethane
Concen: 20.029 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

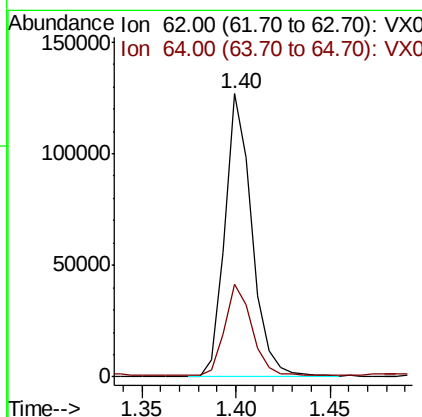
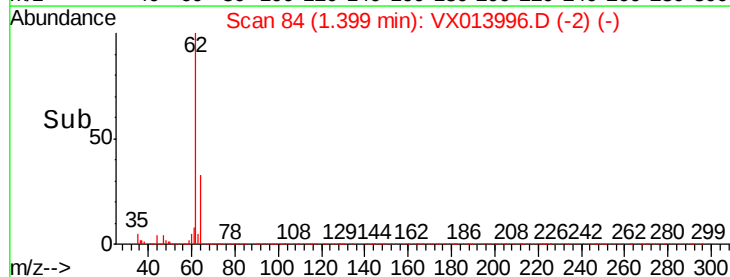
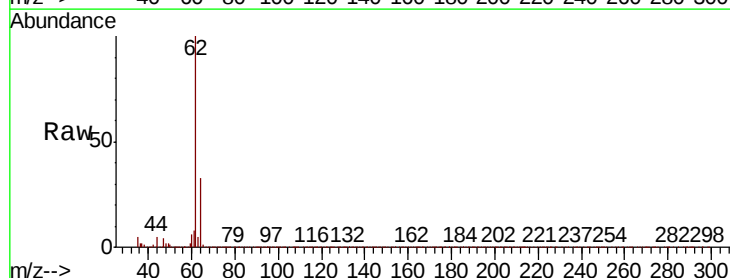
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

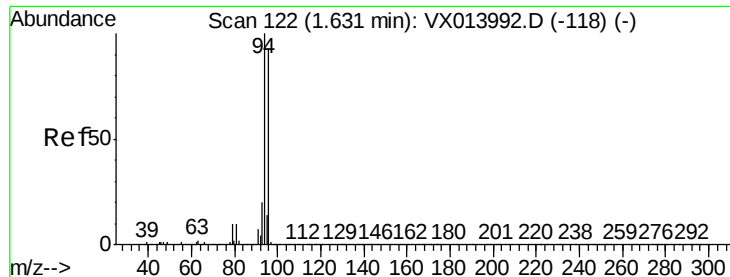
Tot Ion: 50 Resp: 127990
Ion Ratio Lower Upper
50 100
52 31.9 24.3 36.5



#4
Vinyl Chloride
Concen: 19.128 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 62 Resp: 125299
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8





#5

Bromomethane

Concen: 20.947 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

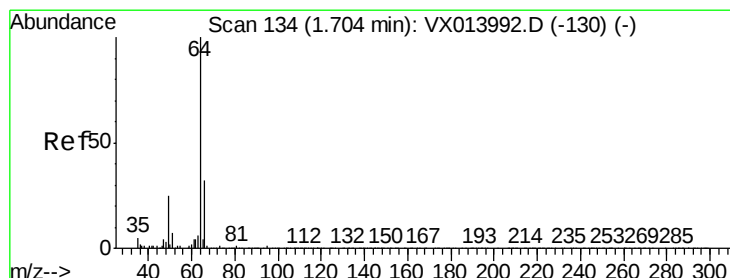
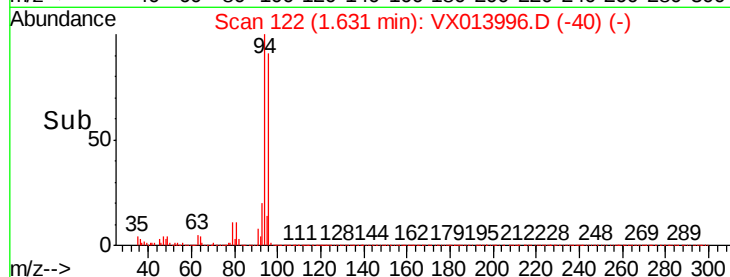
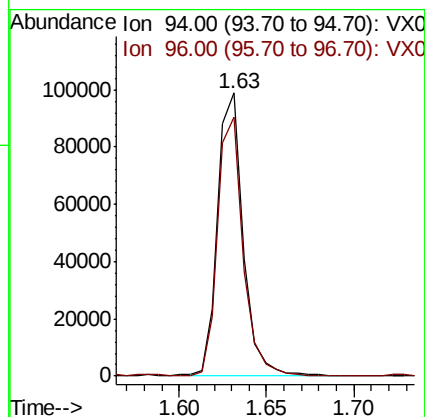
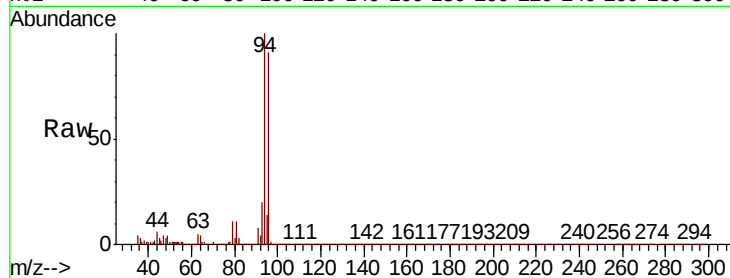
ICVVX121219

Tot Ion: 94 Resp: 100306

Ion Ratio Lower Upper

94 100

96 91.6 74.4 111.6



#6

Chloroethane

Concen: 19.127 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013996.D

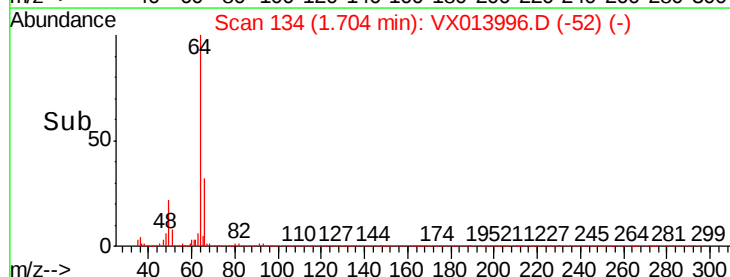
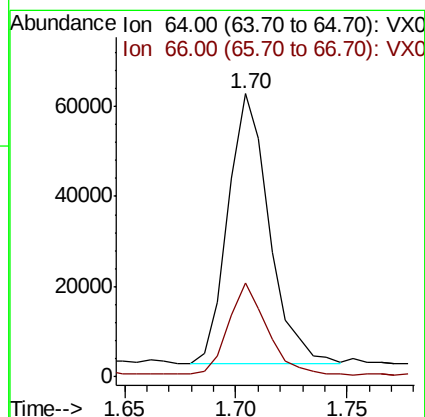
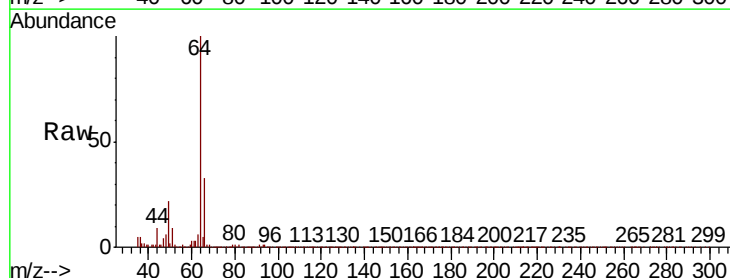
Acq: 13 Dec 2019 00:54

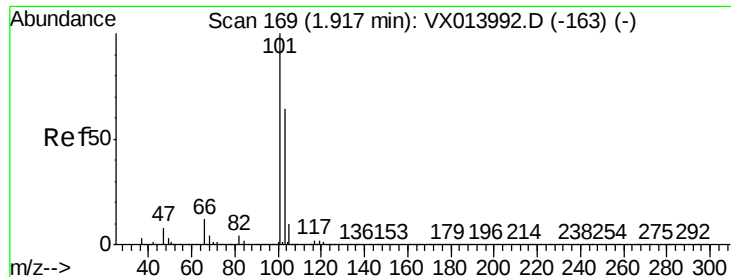
Tgt Ion: 64 Resp: 77391

Ion Ratio Lower Upper

64 100

66 33.9 25.2 37.8



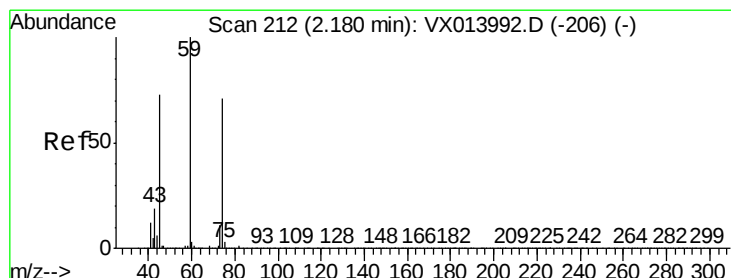
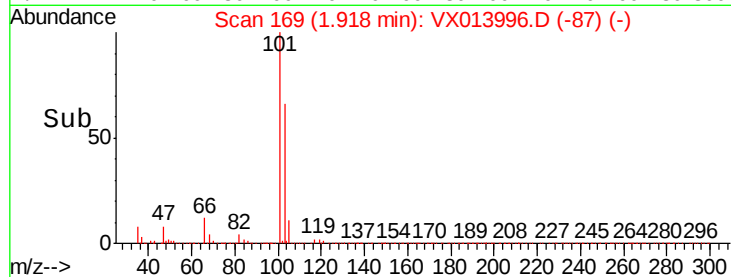
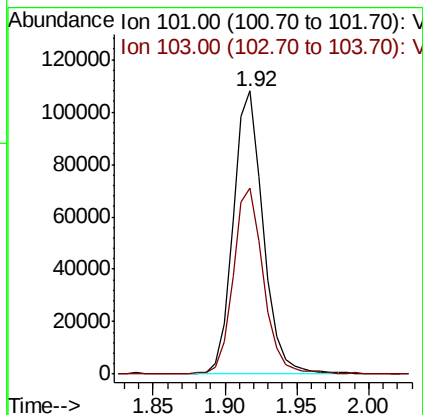
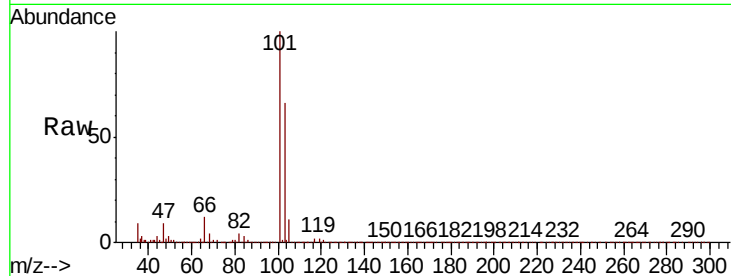


#7

Trichlorofluoromethane
Concen: 19.280 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
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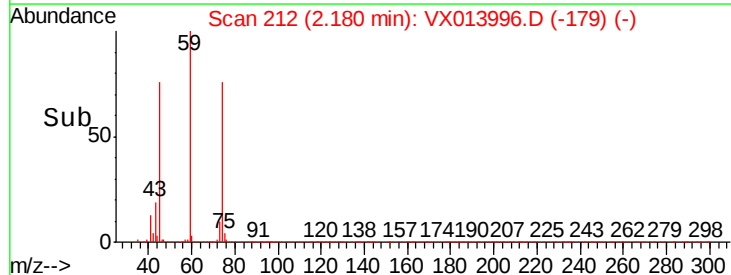
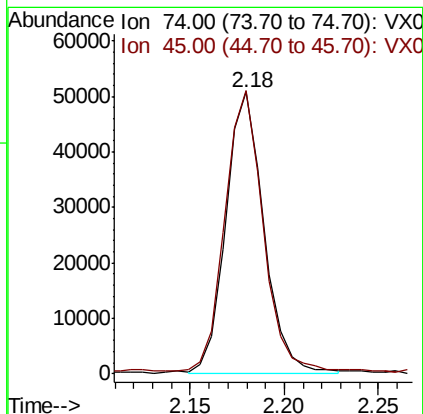
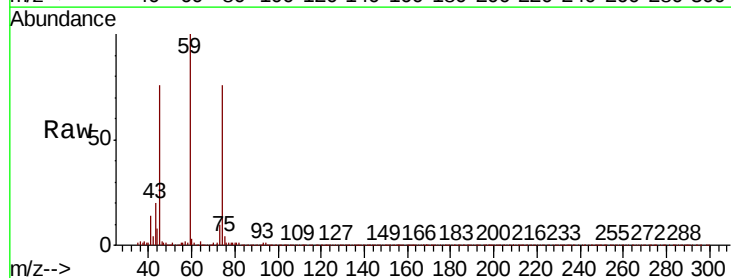
Tot Ion:101 Resp: 157154
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

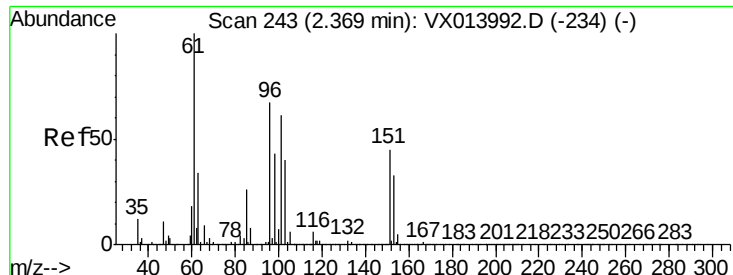


#8

Diethyl Ether
Concen: 18.905 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 74 Resp: 70832
Ion Ratio Lower Upper
74 100
45 100.3 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.117 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

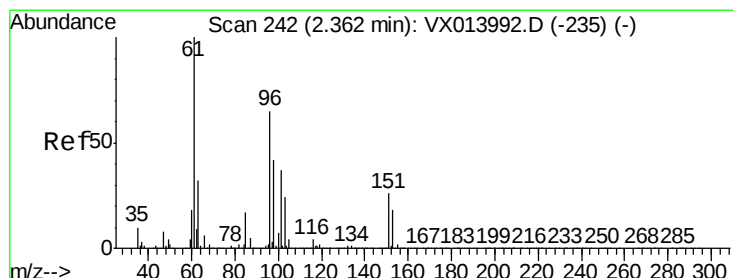
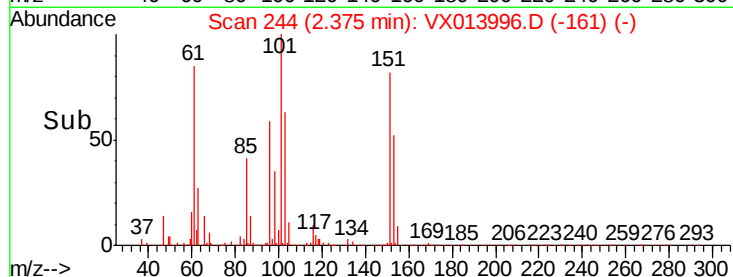
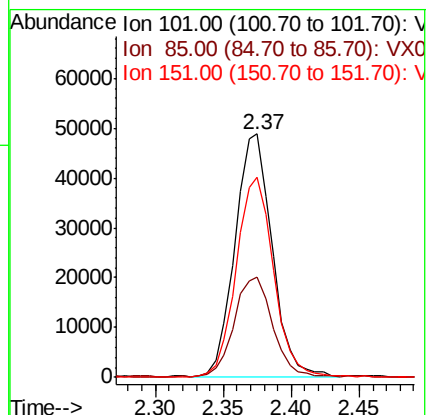
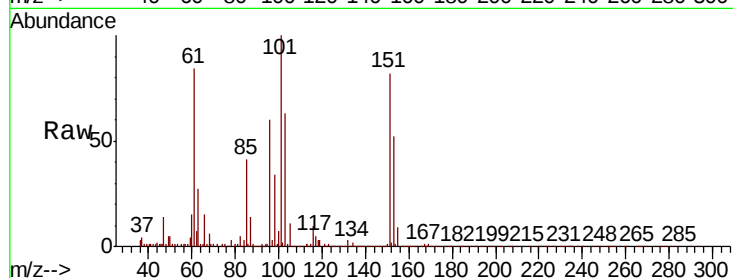
Tot Ion:101 Resp: 92939

Ion Ratio Lower Upper

101 100

85 42.0 0.0 85.6

151 83.1 0.0 159.4



#10

1,1-Dichloroethene

Concen: 19.779 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

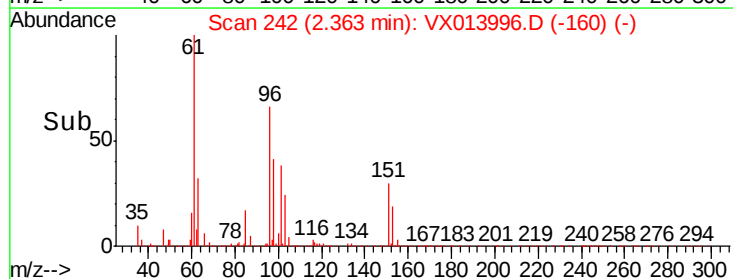
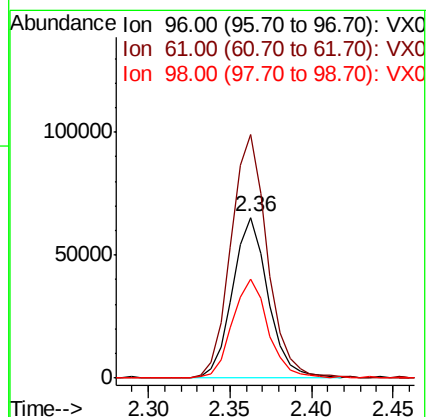
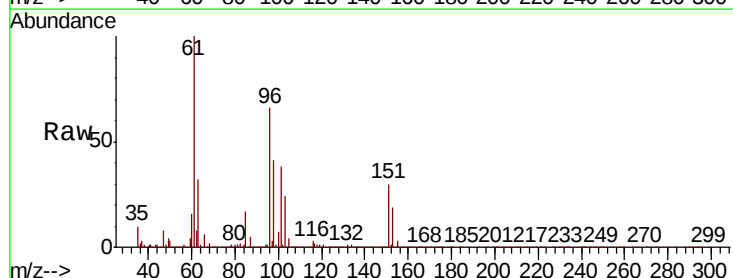
Tgt Ion: 96 Resp: 99411

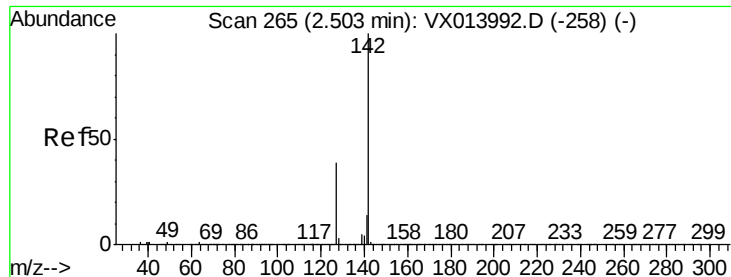
Ion Ratio Lower Upper

96 100

61 151.5 123.0 184.6

98 61.6 51.4 77.0

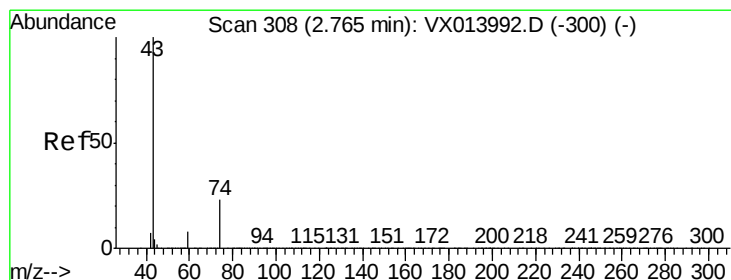
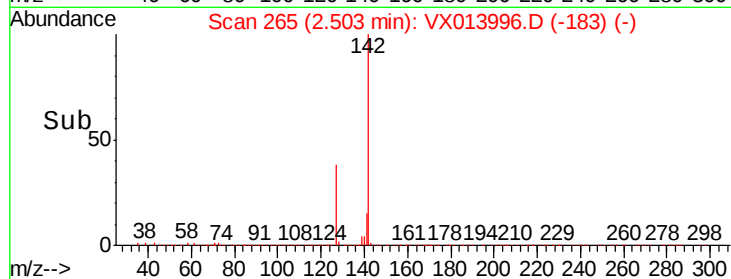
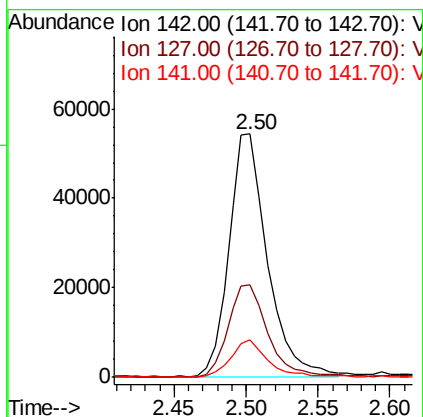
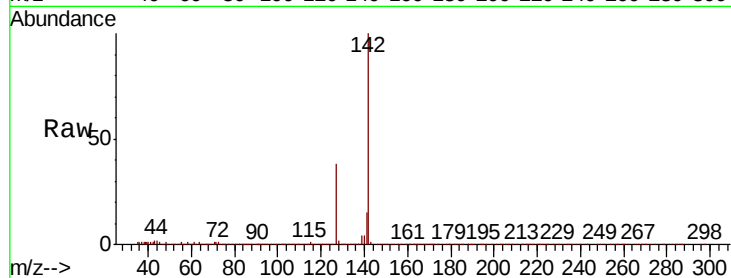




#11
Methyl Iodide
Concen: 15.593 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

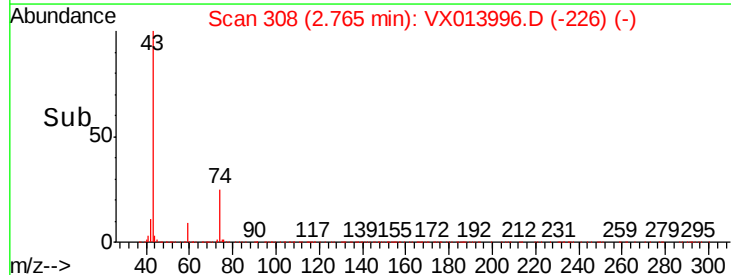
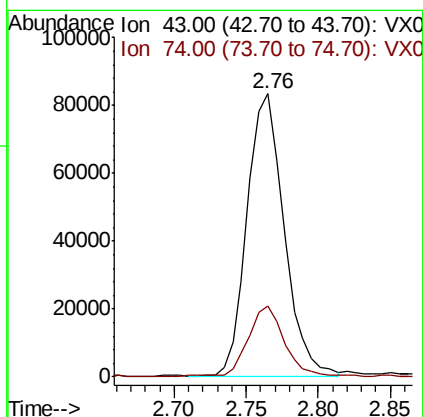
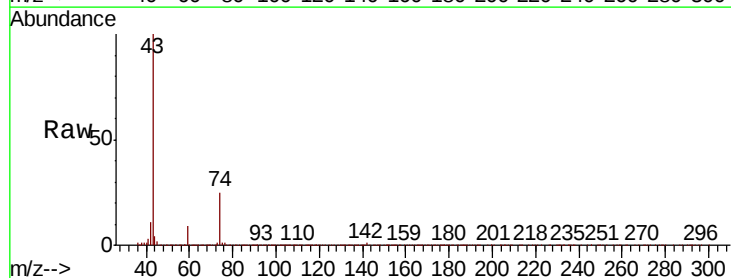
Instrument :
MSVOA_X
ClientSampleId :
ICVX121219

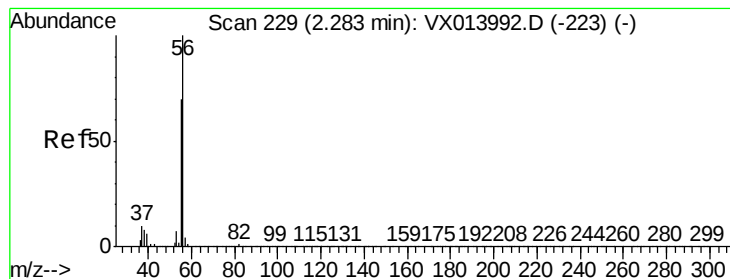
Tot Ion:142 Resp: 100888
Ion Ratio Lower Upper
142 100
127 37.6 19.5 58.5
141 15.0 7.0 20.9



#12
Methyl Acetate
Concen: 19.215 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 43 Resp: 149508
Ion Ratio Lower Upper
43 100
74 24.8 18.5 27.7





#13

Acrolein

Concen: 107.525 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

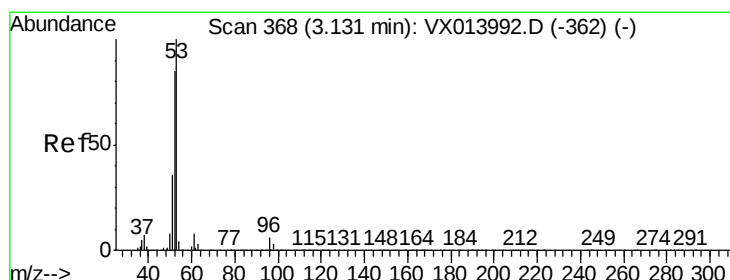
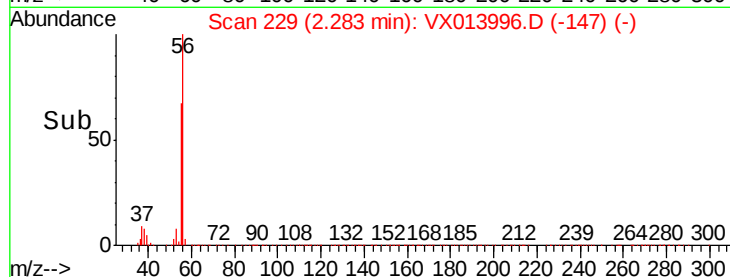
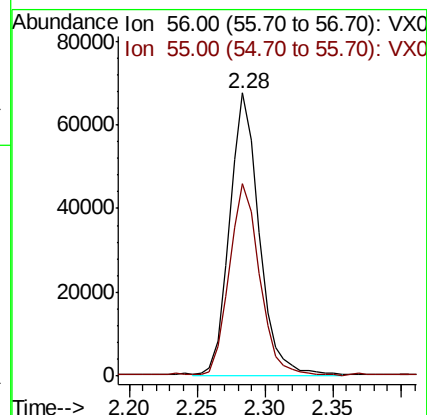
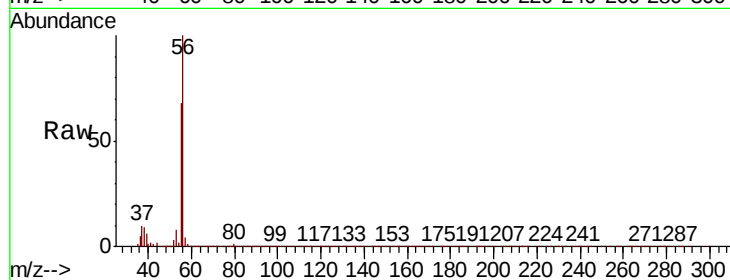
ICVX121219

Tot Ion: 56 Resp: 101472

Ion Ratio Lower Upper

56 100

55 68.1 54.9 82.3



#14

Acrylonitrile

Concen: 97.416 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

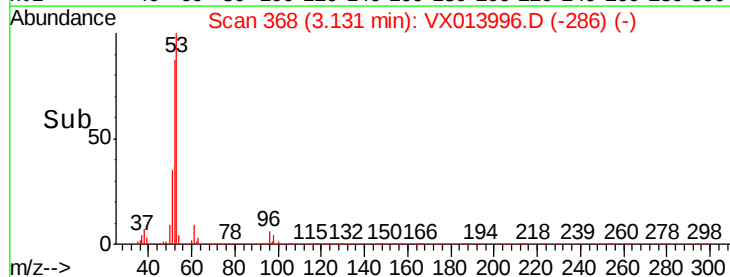
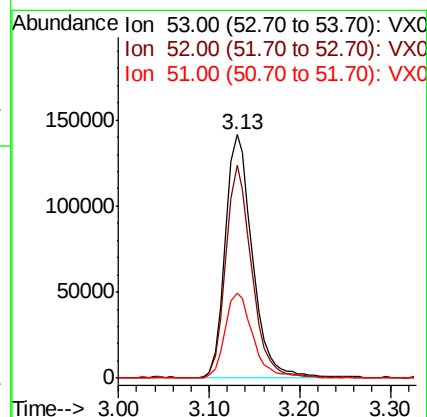
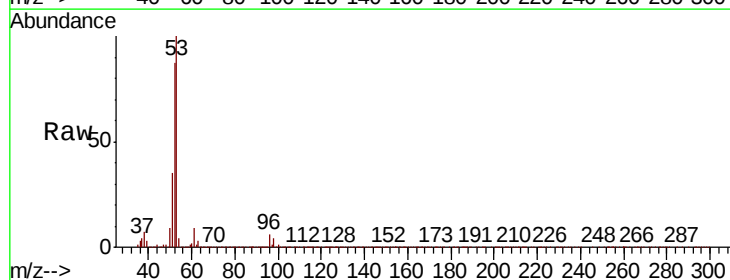
Tgt Ion: 53 Resp: 296311

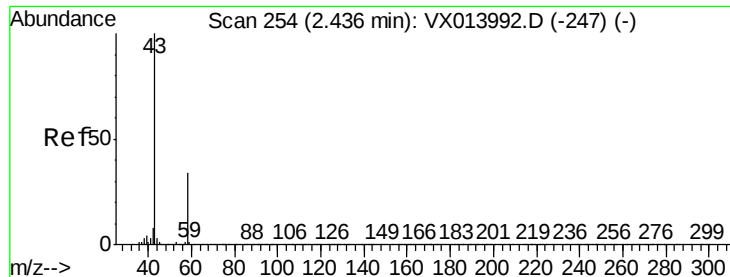
Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 87.237 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

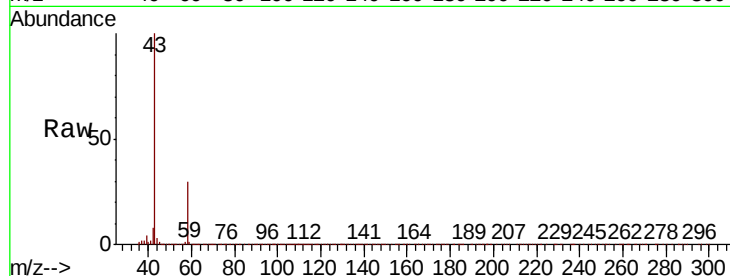
ICVVX121219

Tot Ion: 58 Resp: 77950

Ion Ratio Lower Upper

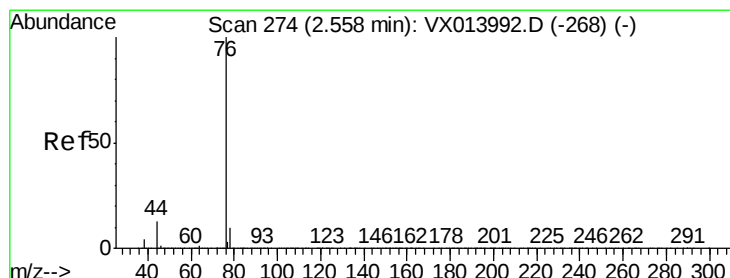
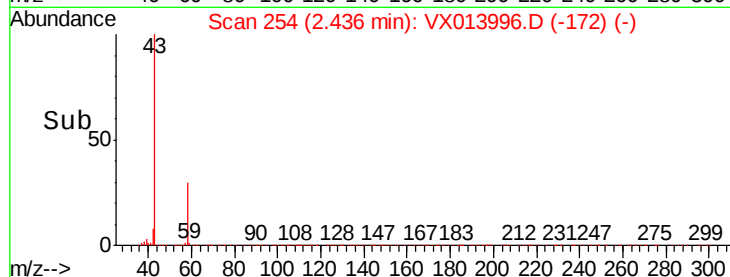
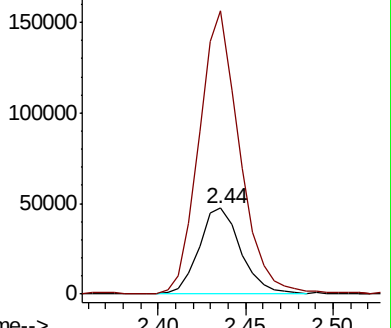
58 100

43 330.8 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.755 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013996.D

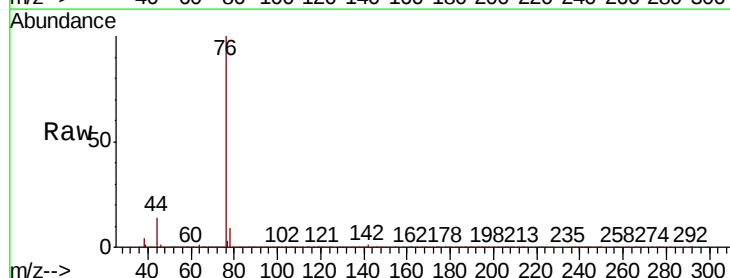
Acq: 13 Dec 2019 00:54

Tgt Ion: 76 Resp: 282582

Ion Ratio Lower Upper

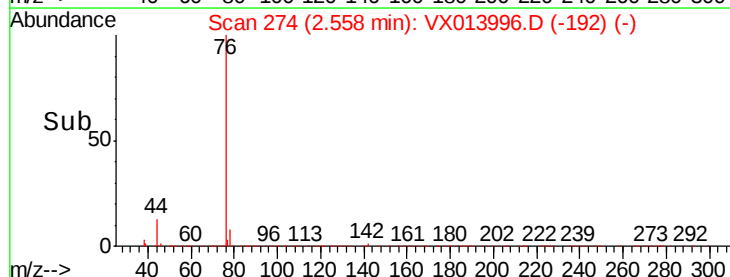
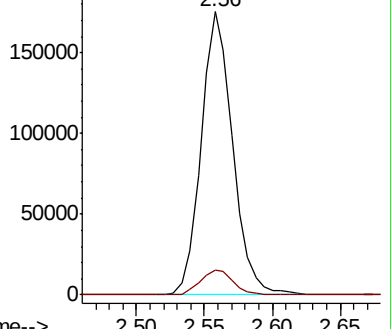
76 100

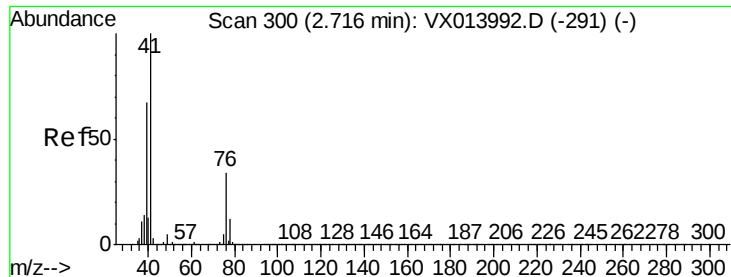
78 8.4 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

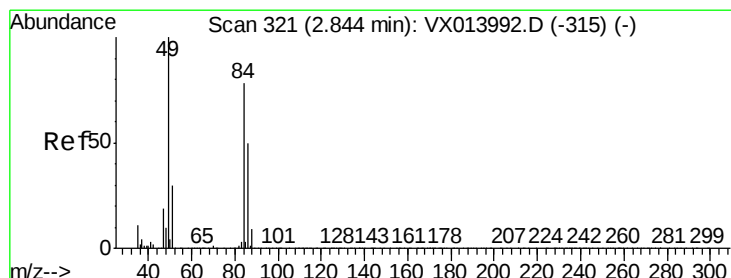
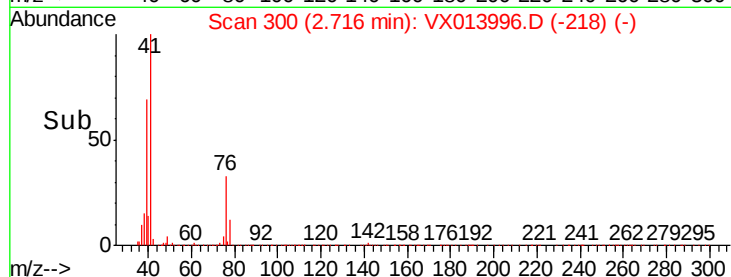
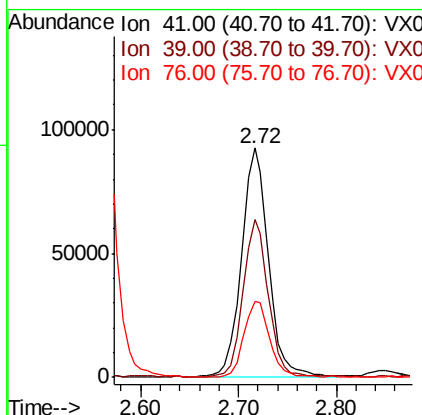
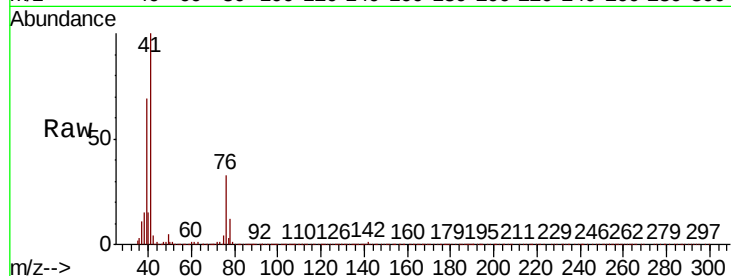




#17
Allvl chloride
Concen: 19.304 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

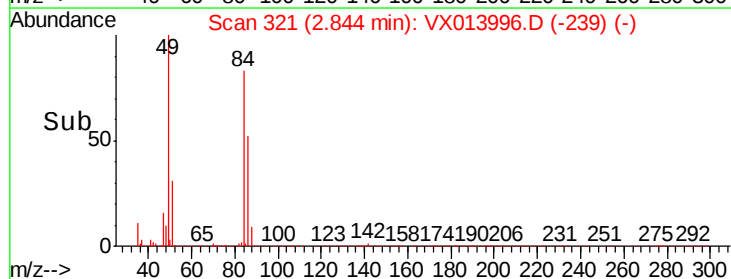
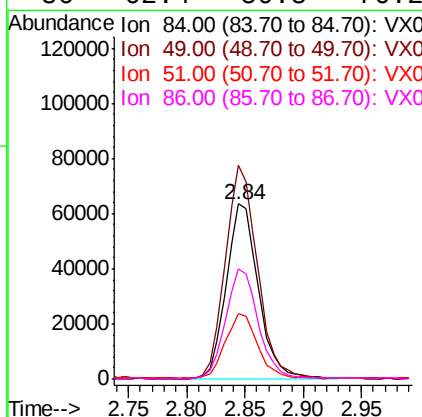
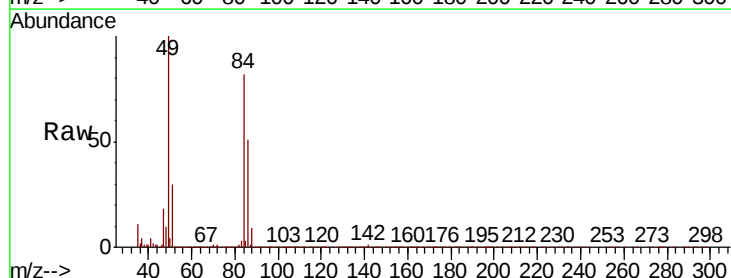
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

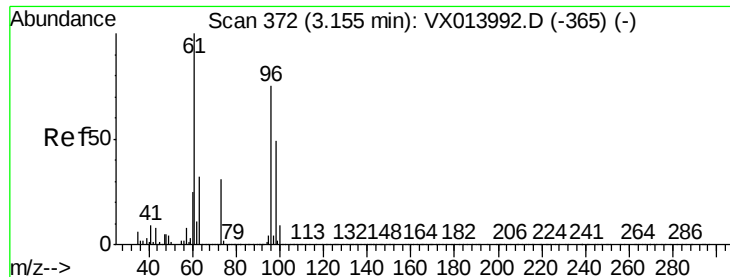
Tot Ion: 41 Resp: 174342
Ion Ratio Lower Upper
41 100
39 68.8 33.4 100.2
76 33.2 17.0 50.9



#18
Methylene Chloride
Concen: 19.866 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 84 Resp: 122345
Ion Ratio Lower Upper
84 100
49 121.6 102.2 153.2
51 36.6 31.4 47.0
86 62.4 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.124 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

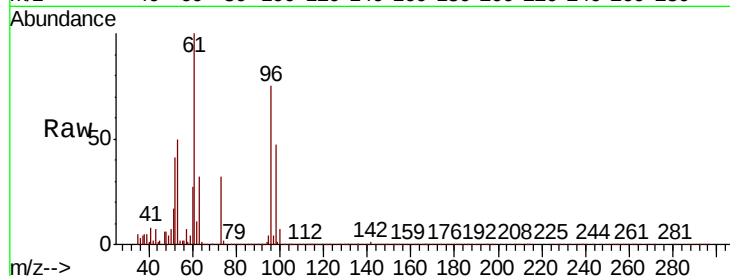
Tot Ion: 96 Resp: 110756

Ion Ratio Lower Upper

96 100

61 132.8 106.6 159.8

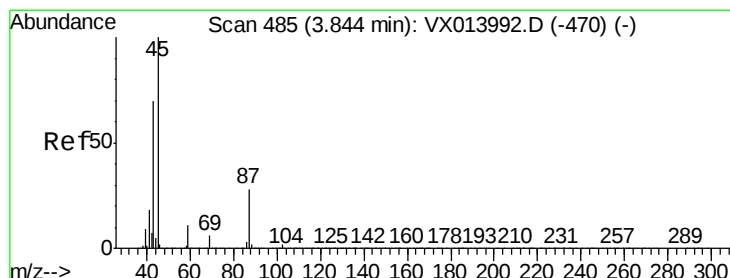
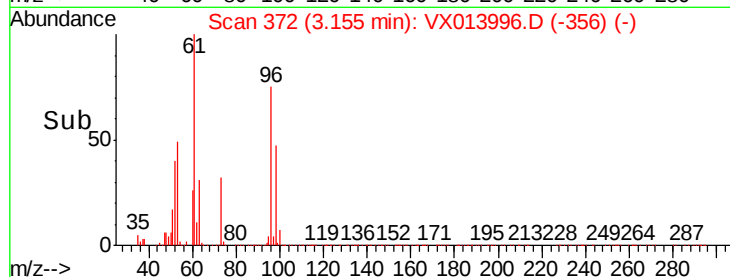
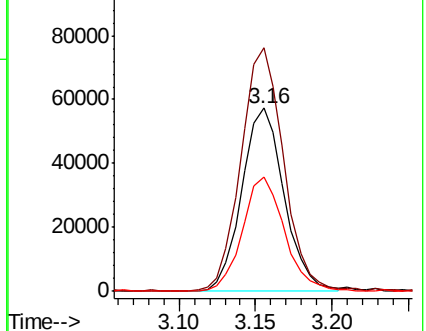
98 61.8 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.120 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion: 45 Resp: 354331

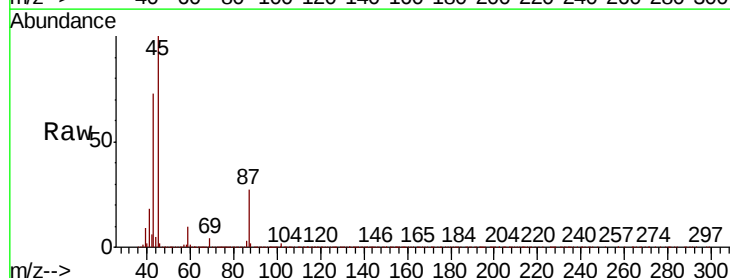
Ion Ratio Lower Upper

45 100

43 70.9 55.9 83.9

87 26.3 22.2 33.2

59 10.3 8.6 13.0

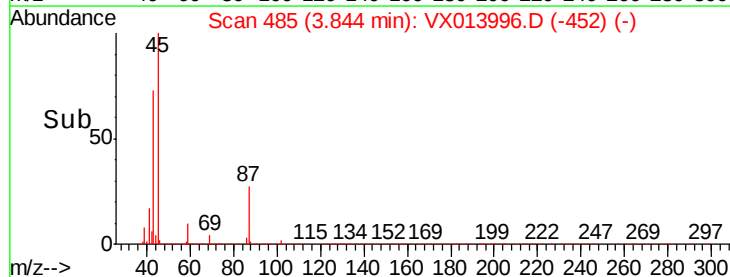
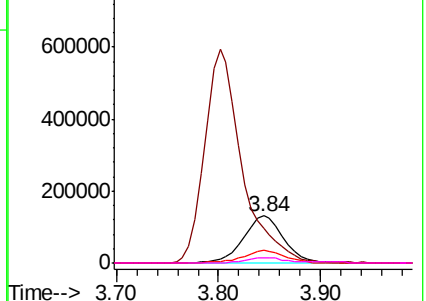


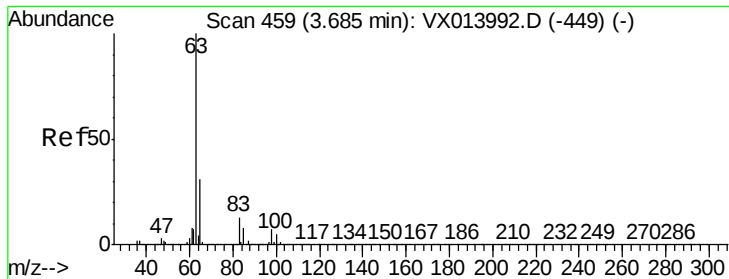
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

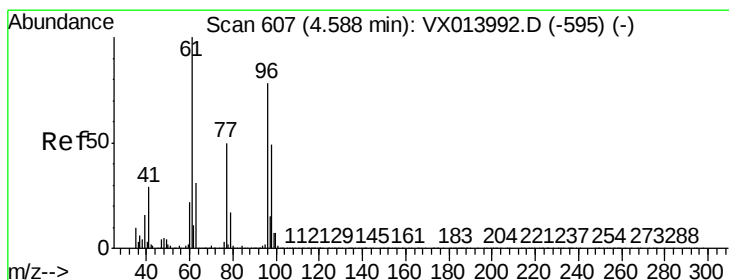
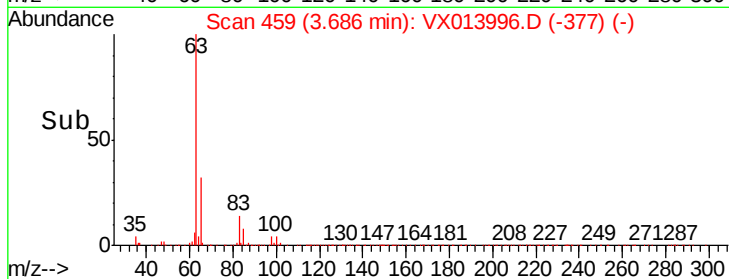
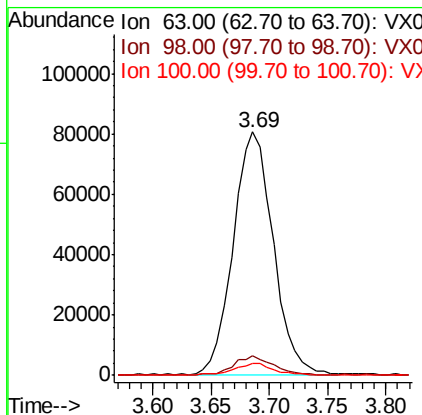
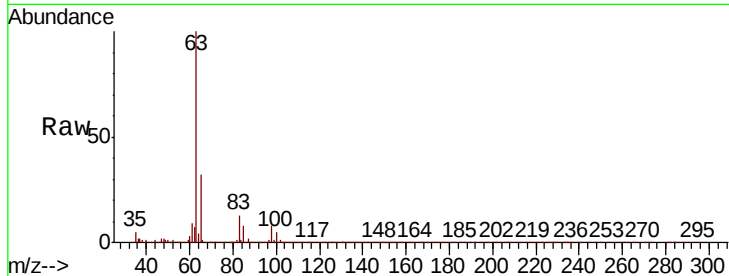




#21
 1,1-Dichloroethane
 Concen: 19.095 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

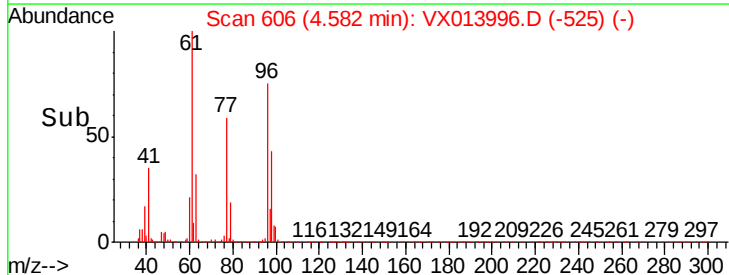
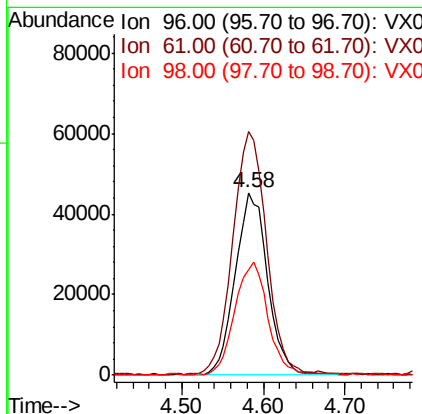
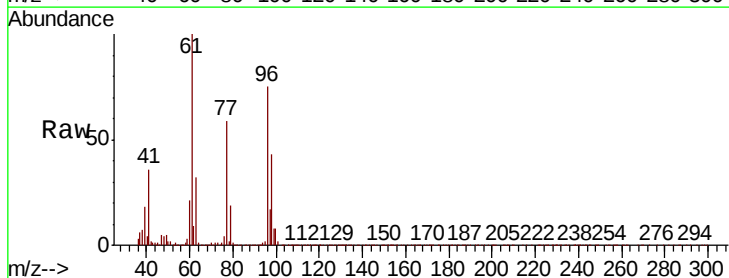
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

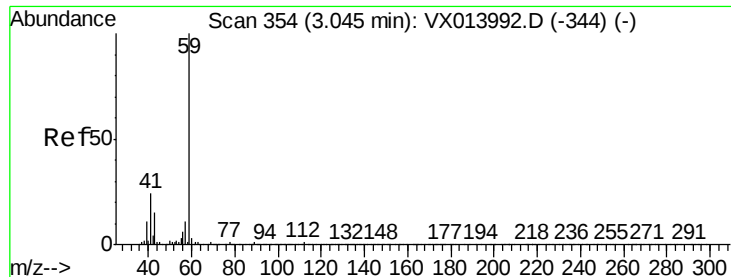
Tot Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.4	10.1
100	4.6	2.5	7.4



#22
 cis-1,2-Dichloroethene
 Concen: 19.572 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.9	112.4	168.6
98	62.1	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 98.108 ug/l

RT: 3.05 min Scan# 354

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

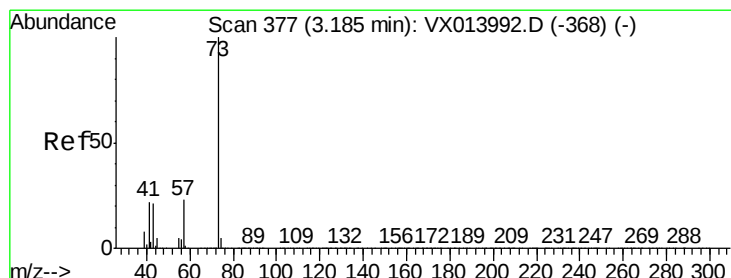
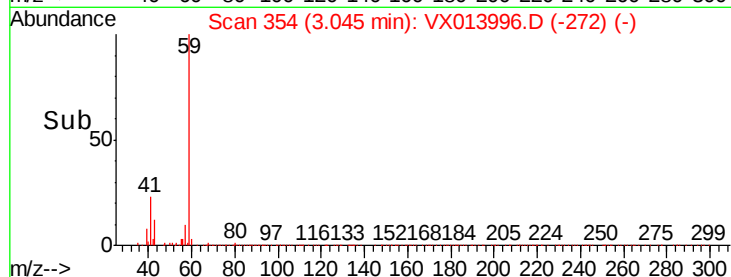
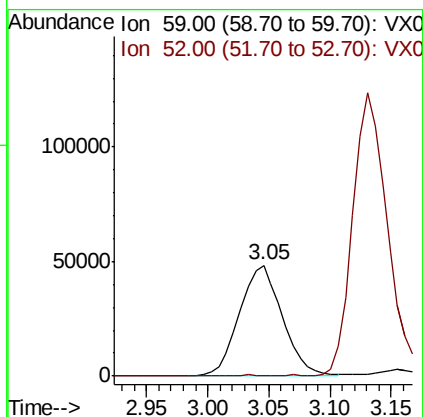
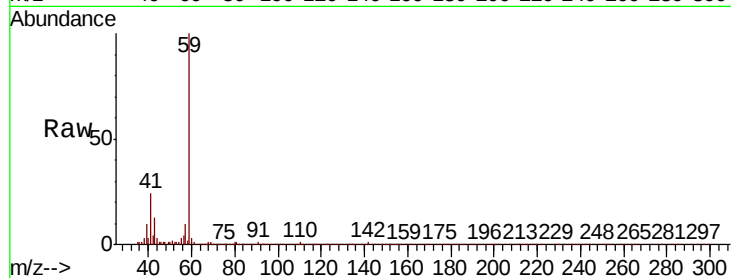
ICVX121219

Tot Ion: 59 Resp: 117048

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.263 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX013996.D

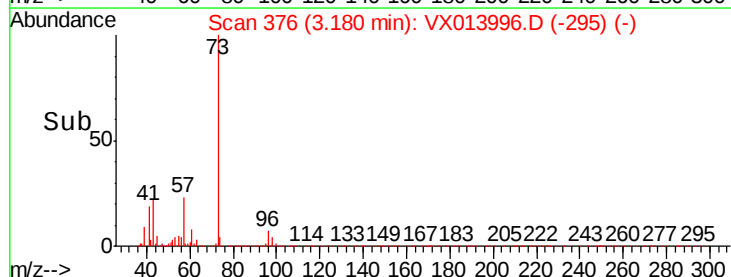
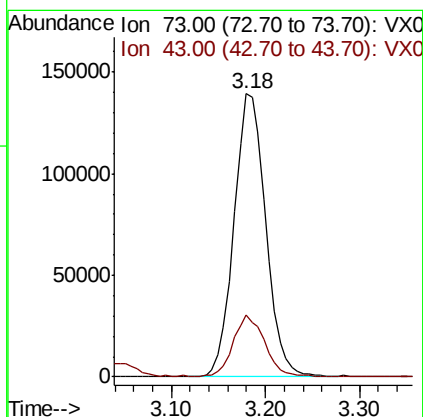
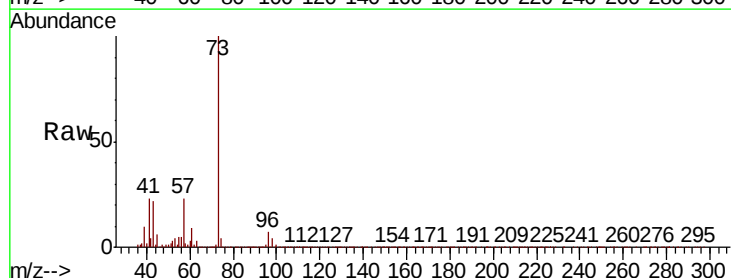
Acq: 13 Dec 2019 00:54

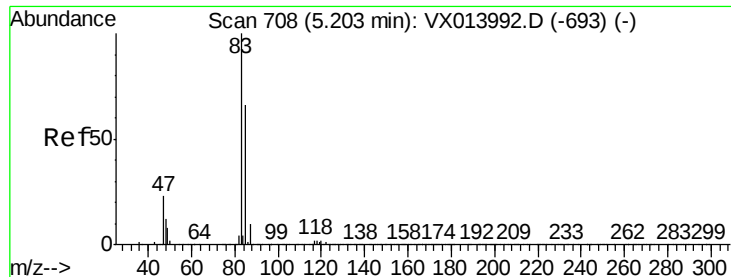
Tgt Ion: 73 Resp: 327047

Ion Ratio Lower Upper

73 100

43 21.1 16.6 25.0

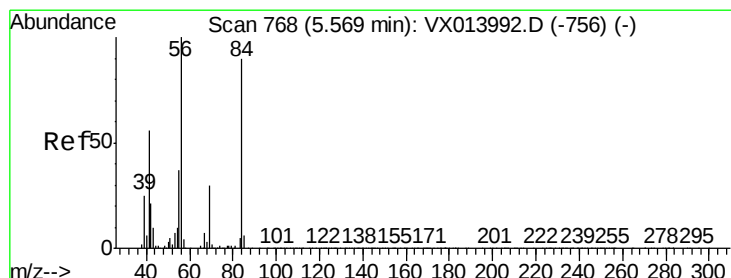
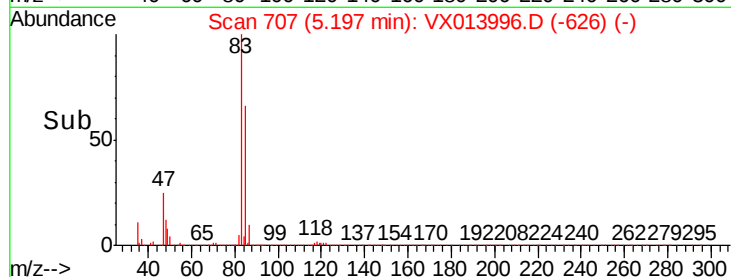
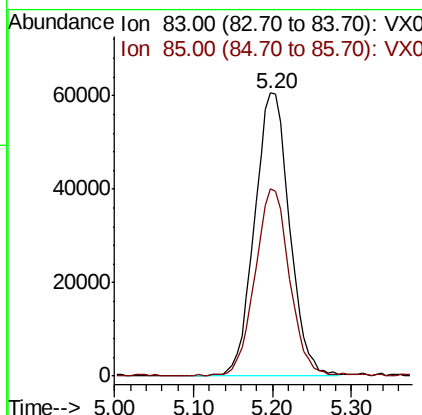
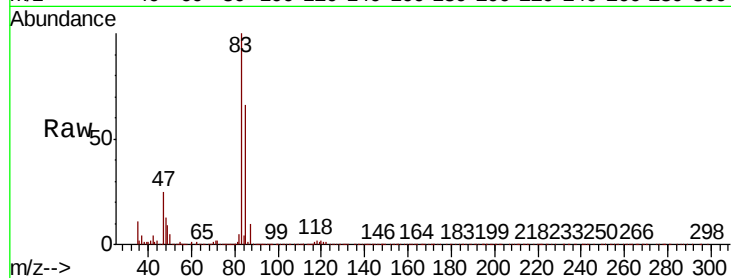




#25
Chloroform
Concen: 19.356 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

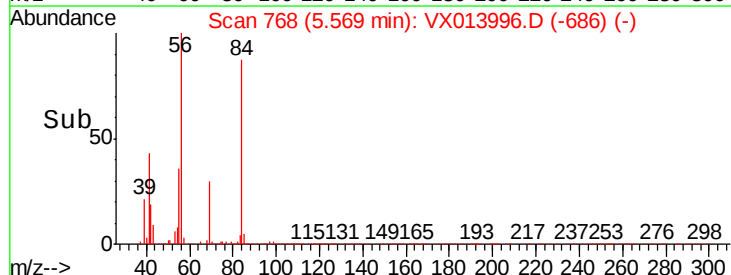
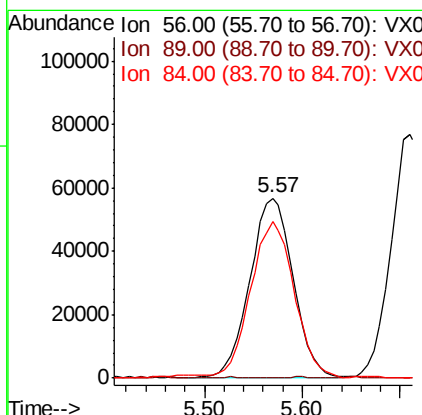
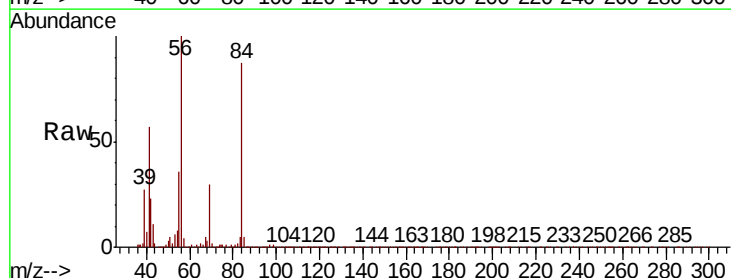
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

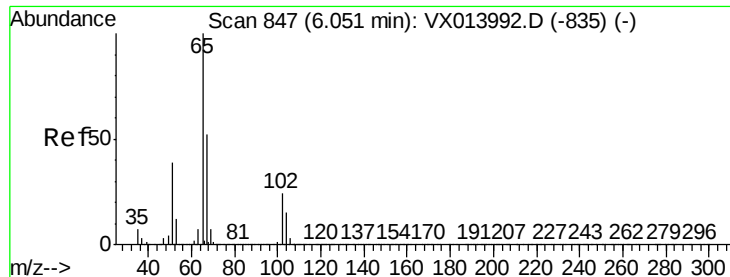
Tot Ion: 83 Resp: 185607
Ion Ratio Lower Upper
83 100
85 65.8 52.7 79.1



#26
Cyclohexane
Concen: 19.339 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 56 Resp: 173443
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 87.8 70.8 106.2



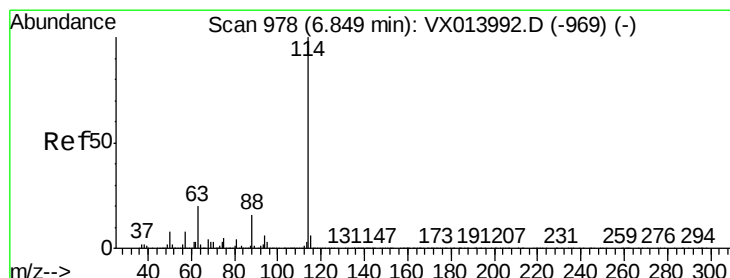
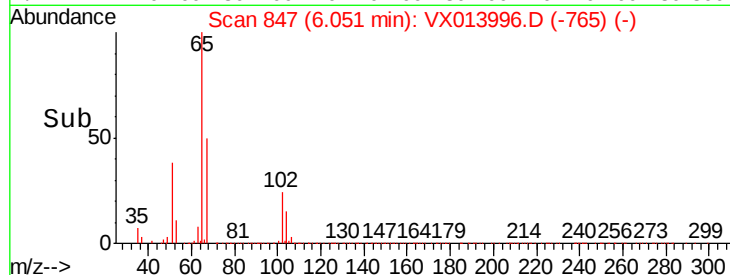
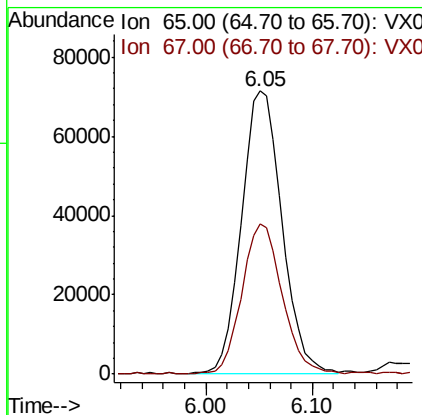
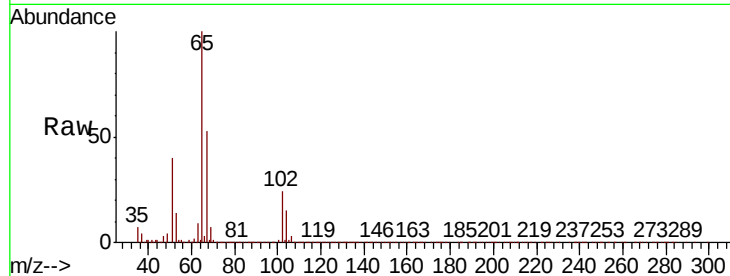


#27

1,2-Dichloroethane-d4
Concen: 29.724 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

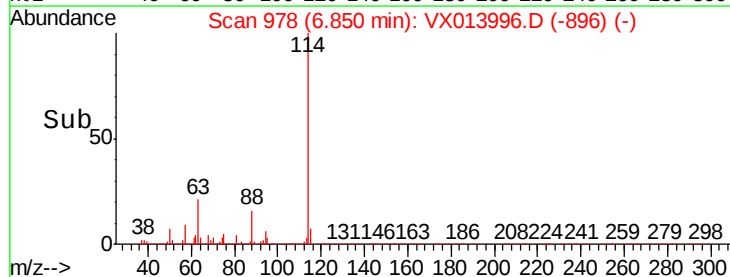
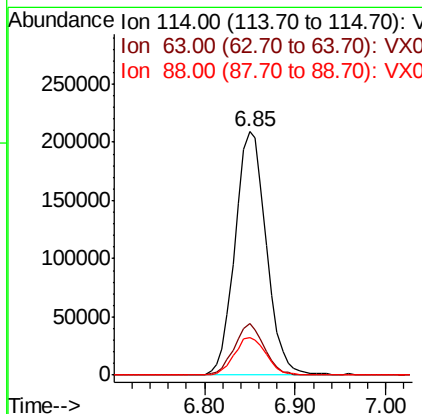
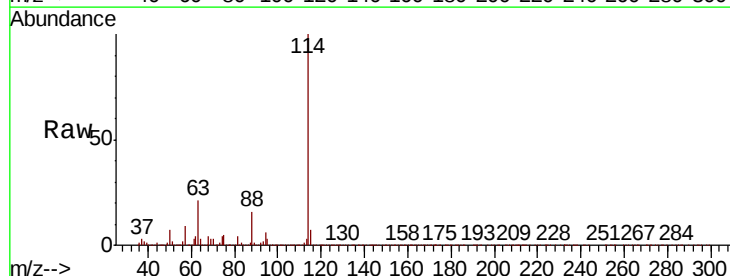
Tot Ion: 65 Resp: 191065
Ion Ratio Lower Upper
65 100
67 52.8 43.1 64.7

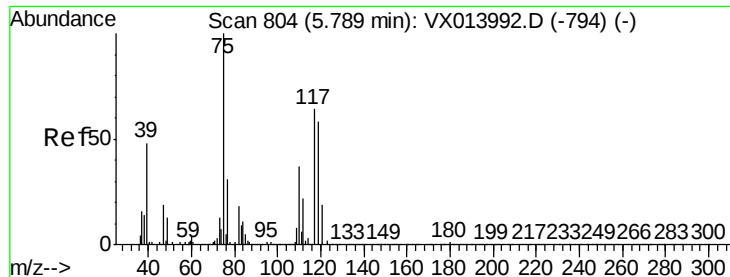


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 114 Resp: 499369
Ion Ratio Lower Upper
114 100
63 20.2 16.1 24.1
88 15.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.854 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

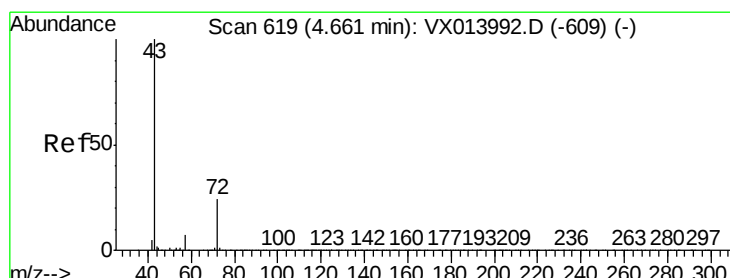
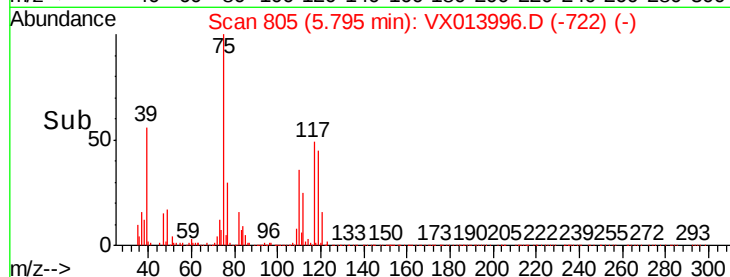
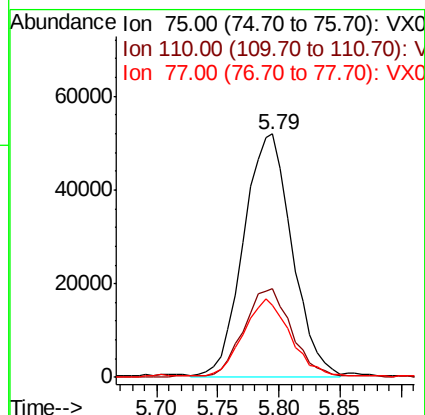
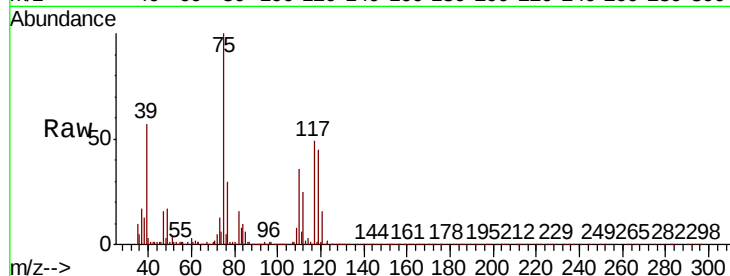
Tot Ion: 75 Resp: 143211

Ion Ratio Lower Upper

75 100

110 35.8 0.0 73.8

77 31.5 0.0 62.4



#30

2-Butanone

Concen: 96.393 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

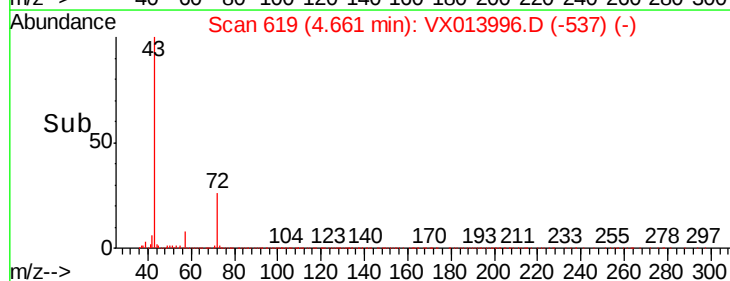
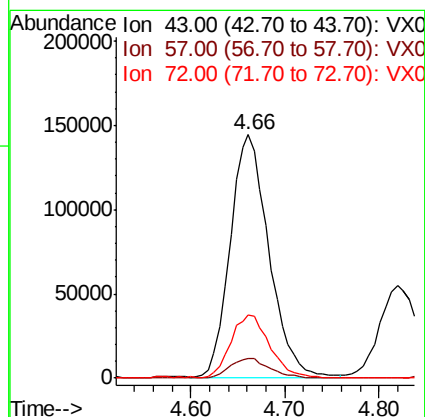
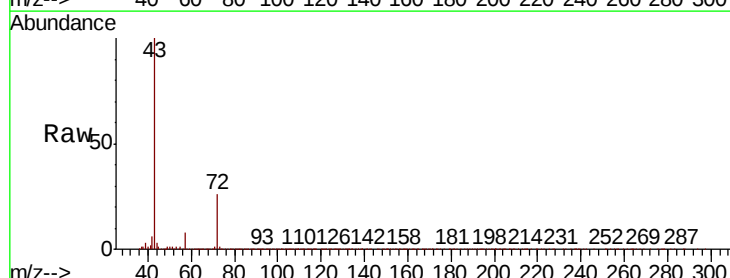
Tgt Ion: 43 Resp: 409827

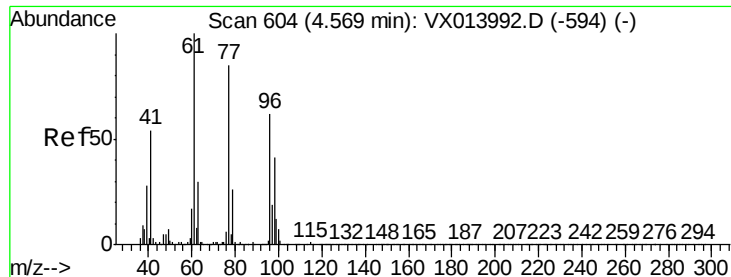
Ion Ratio Lower Upper

43 100

57 8.1 6.2 9.2

72 25.4 20.3 30.5





#31

2,2-Dichloropropane

Concen: 19.098 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

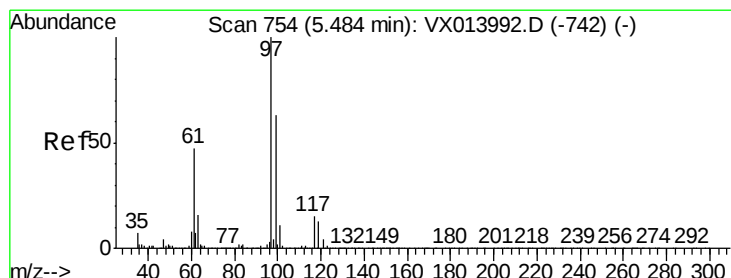
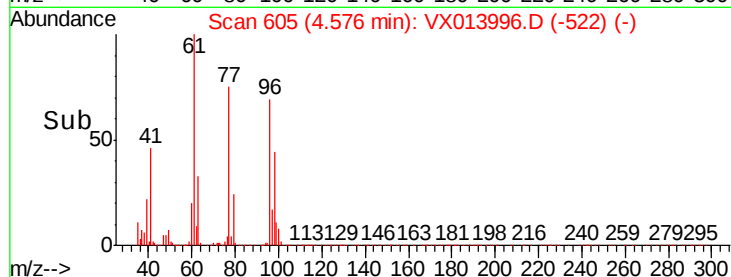
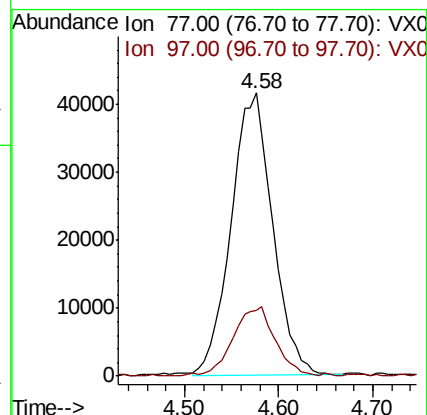
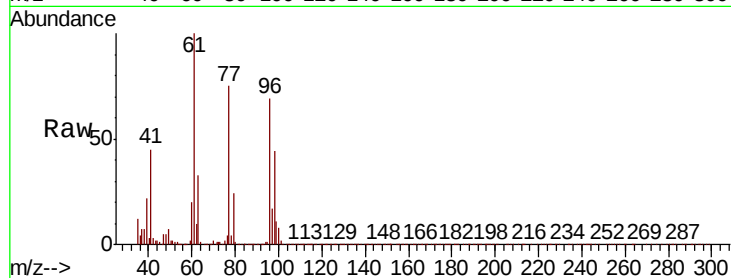
ICVX121219

Tot Ion: 77 Resp: 127431

Ion Ratio Lower Upper

77 100

97 24.8 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.616 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

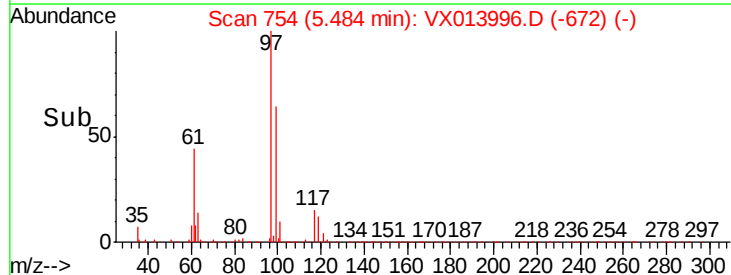
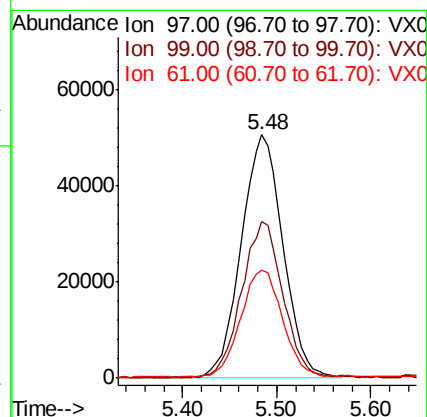
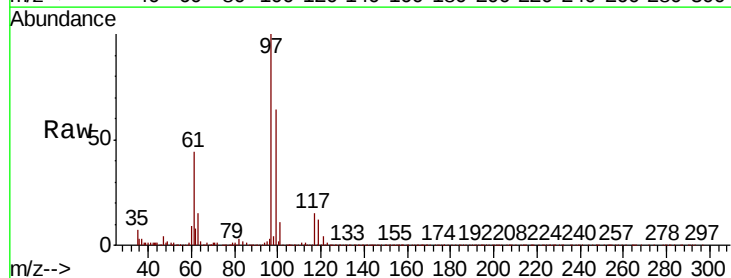
Tgt Ion: 97 Resp: 156504

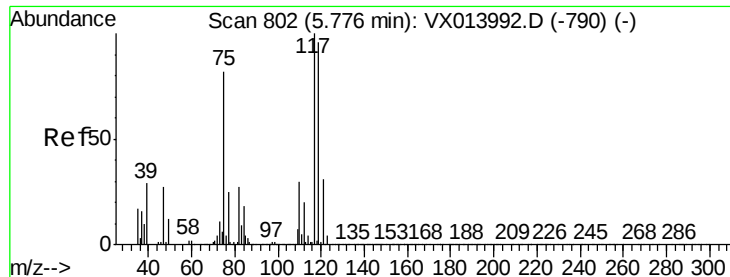
Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 43.9 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.235 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

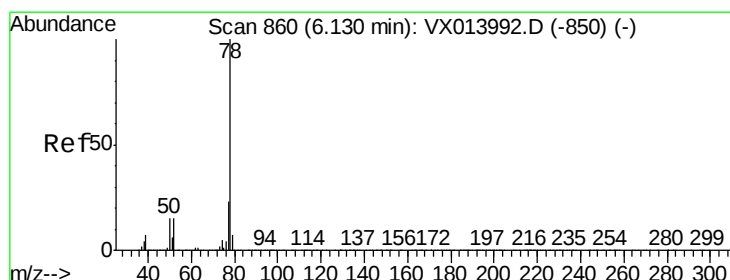
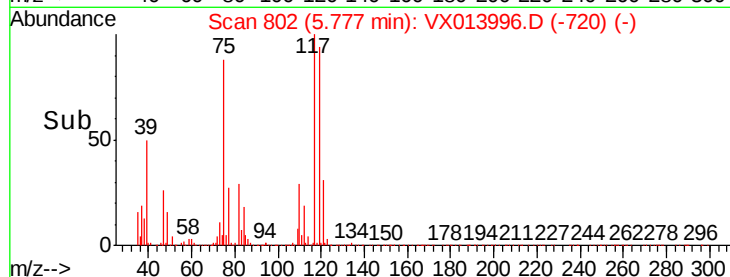
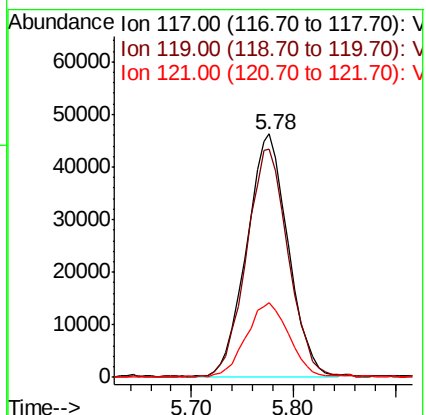
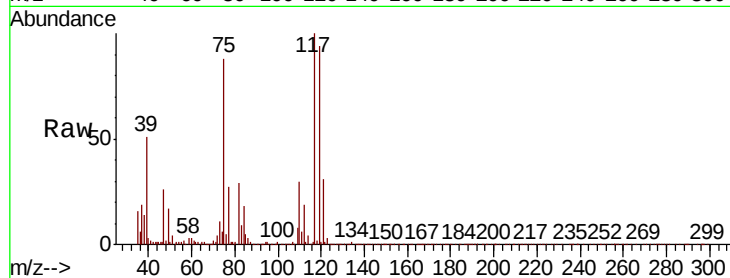
Tot Ion:117 Resp: 130453

Ion Ratio Lower Upper

117 100

119 94.0 77.2 115.8

121 30.3 24.8 37.2



#34

Benzene

Concen: 19.559 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

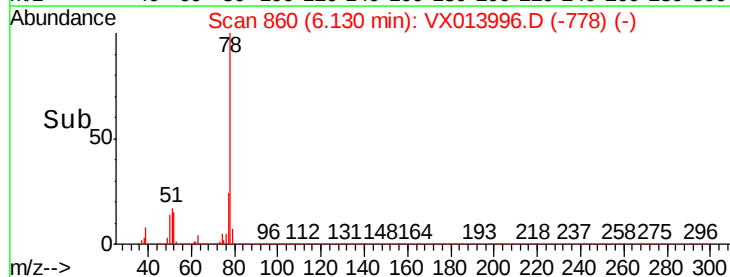
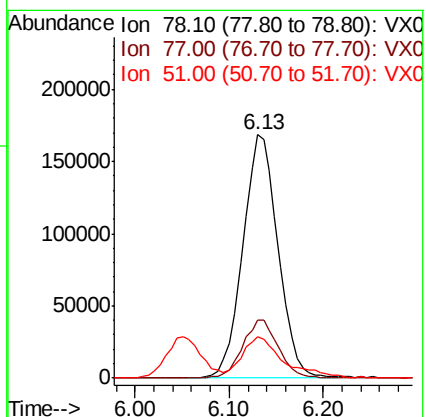
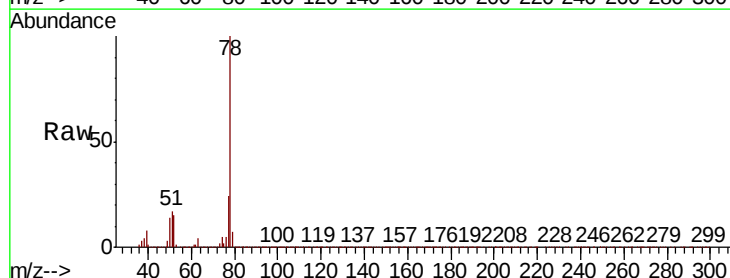
Tgt Ion: 78 Resp: 439924

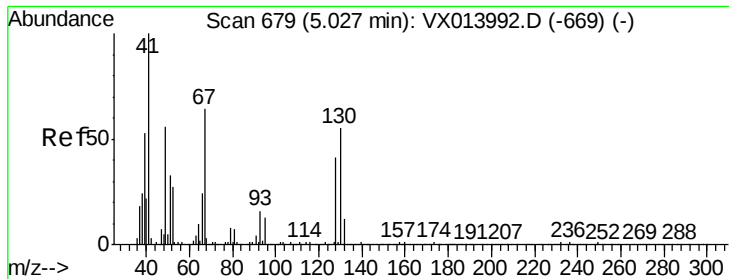
Ion Ratio Lower Upper

78 100

77 24.0 18.2 27.2

51 16.2 12.4 18.6

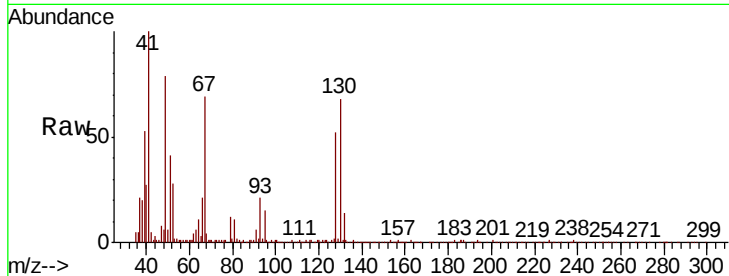




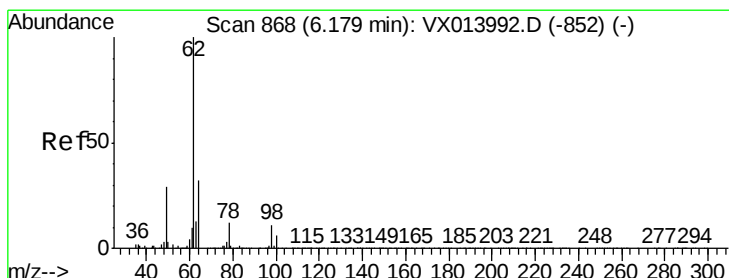
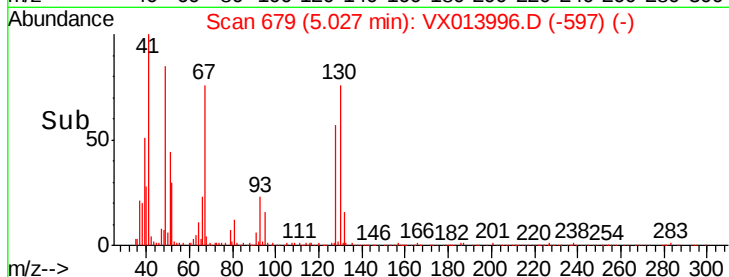
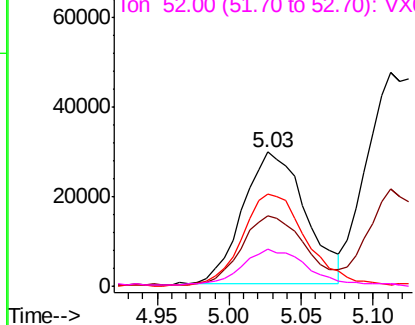
#35
Methacrylonitrile
Concen: 19.540 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVX121219

Tot Ion:	41	Resp:	89352
Ion	Ratio	Lower	Upper
41	100		
39	52.7	26.7	80.1
67	69.4	31.5	94.5
52	26.5	12.8	38.4

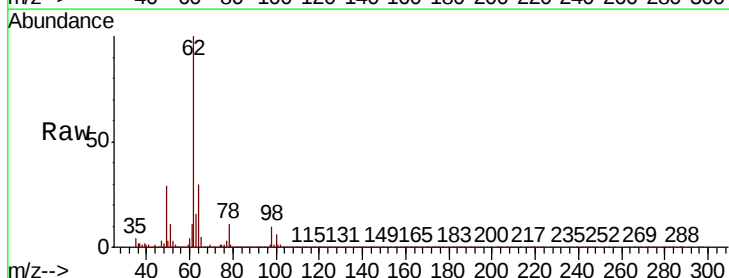


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

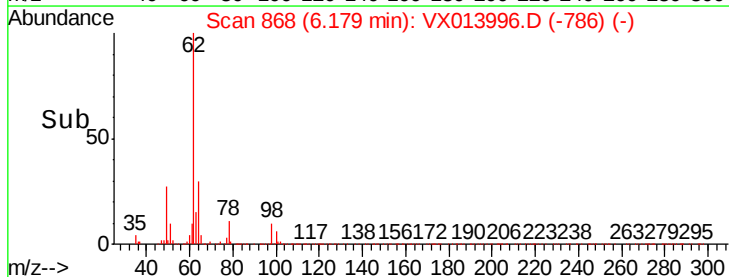
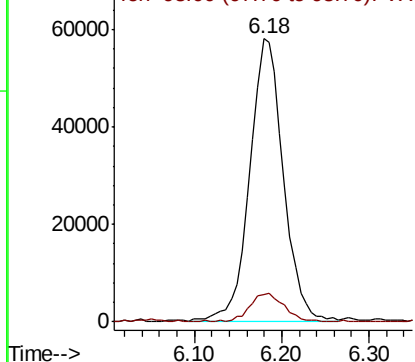


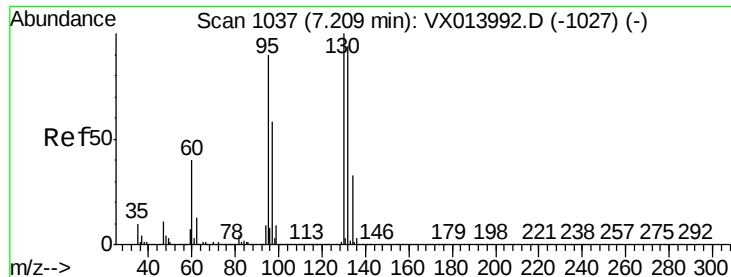
#36
1,2-Dichloroethane
Concen: 19.611 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion:	62	Resp:	153216
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.368 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

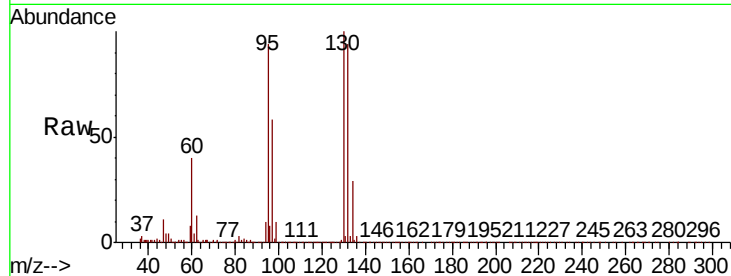
ICVVX121219

Tot Ion:130 Resp: 118536

Ion Ratio Lower Upper

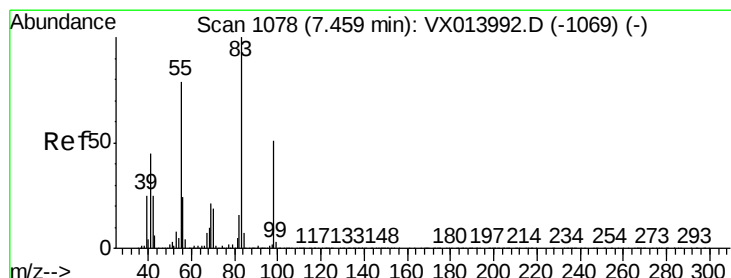
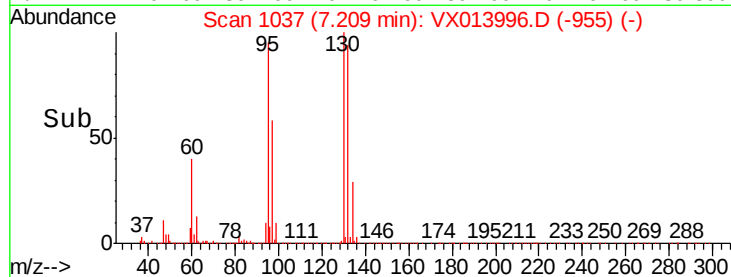
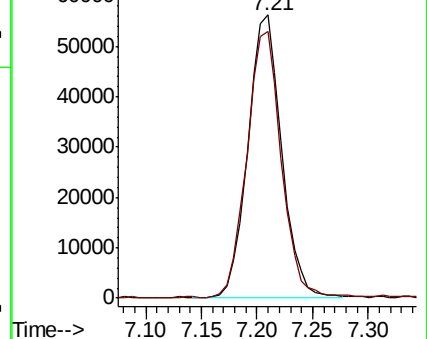
130 100

95 93.9 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.852 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

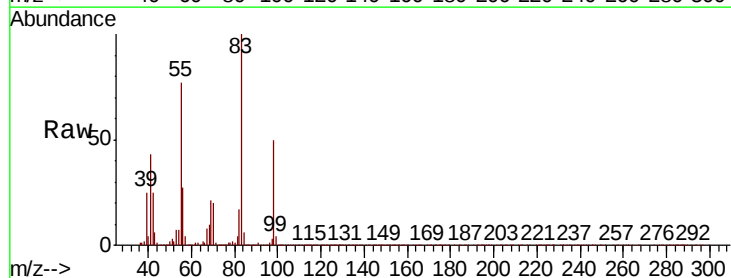
Tgt Ion: 83 Resp: 170807

Ion Ratio Lower Upper

83 100

55 76.5 39.4 118.1

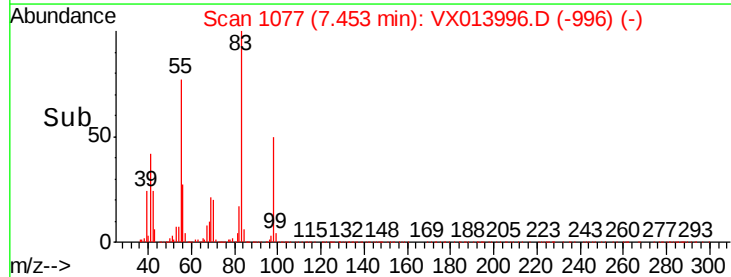
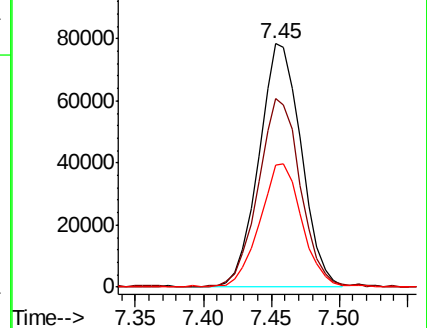
98 51.0 25.1 75.3

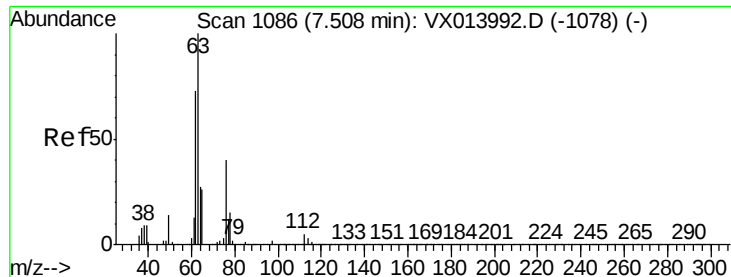


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.464 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

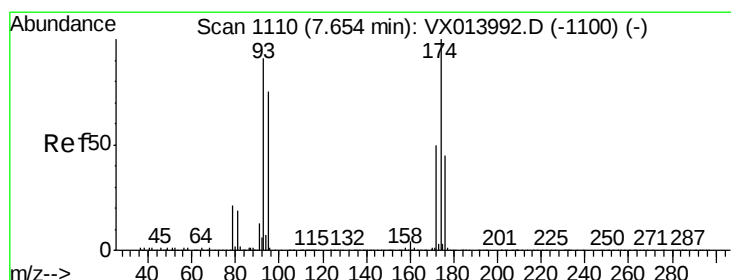
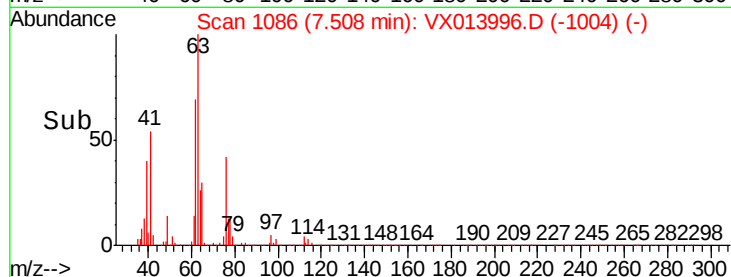
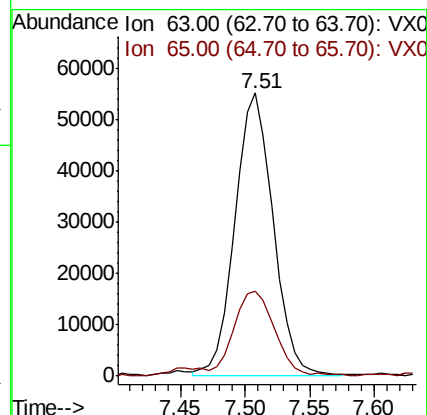
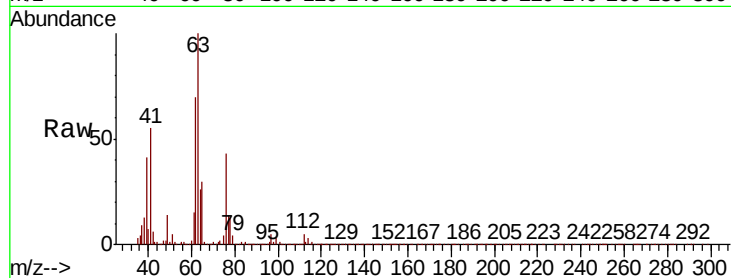
ICVX121219

Tot Ion: 63 Resp: 113704

Ion Ratio Lower Upper

63 100

65 29.8 22.1 33.1



#40

Dibromomethane

Concen: 20.315 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

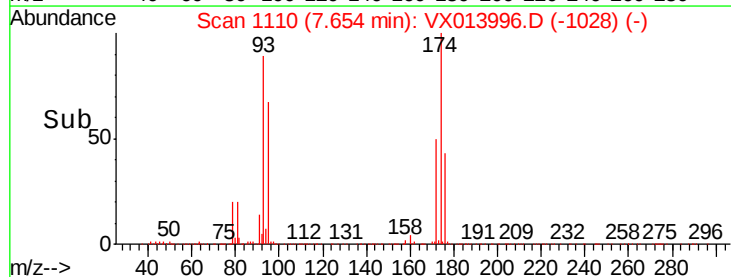
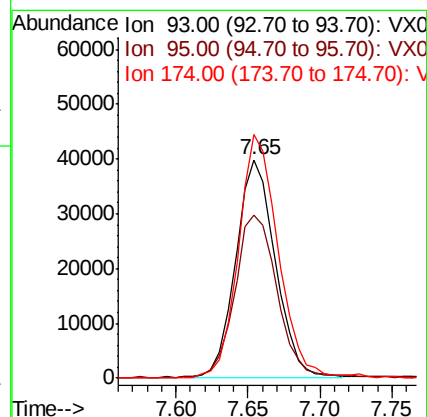
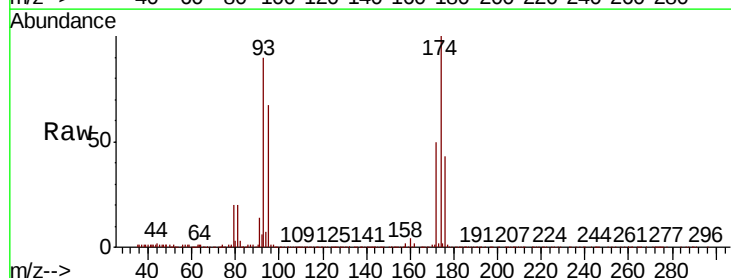
Tgt Ion: 93 Resp: 75813

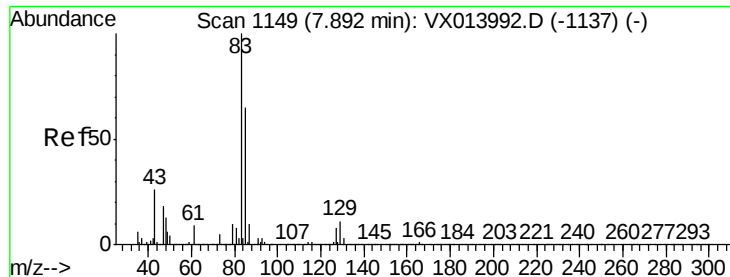
Ion Ratio Lower Upper

93 100

95 79.3 0.0 164.4

174 111.8 0.0 228.8





#41

Bromodichloromethane

Concen: 18.824 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

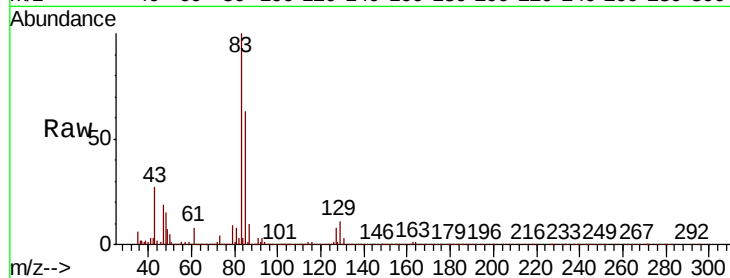
Tot Ion: 83 Resp: 136021

Ion Ratio Lower Upper

83 100

85 62.9 51.6 77.4

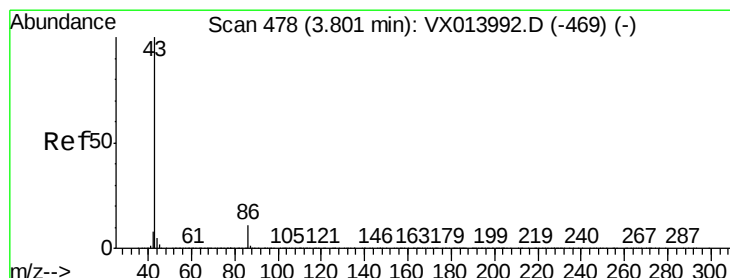
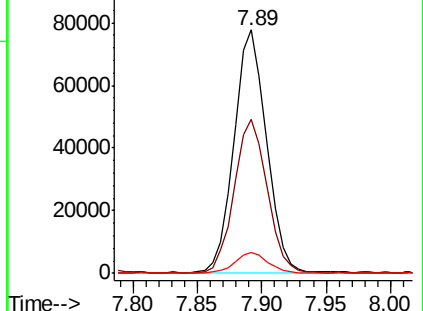
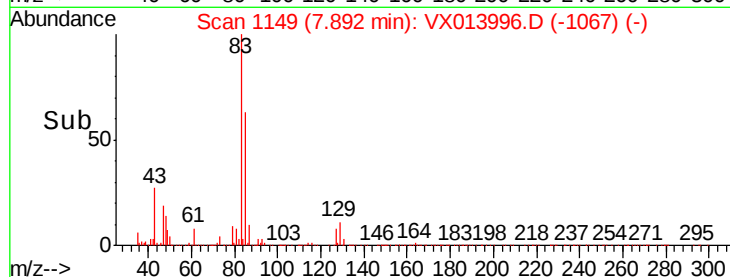
127 8.4 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 101.292 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013996.D

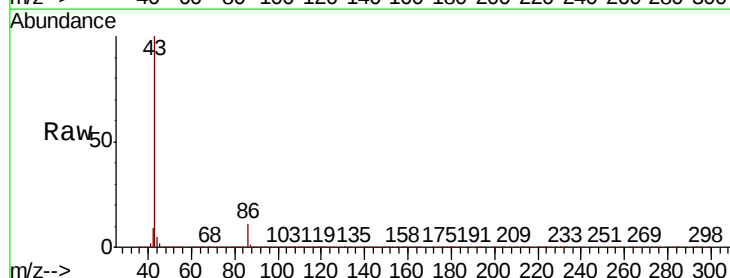
Acq: 13 Dec 2019 00:54

Tgt Ion: 43 Resp: 1520472

Ion Ratio Lower Upper

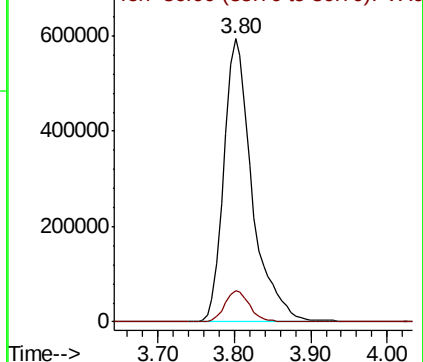
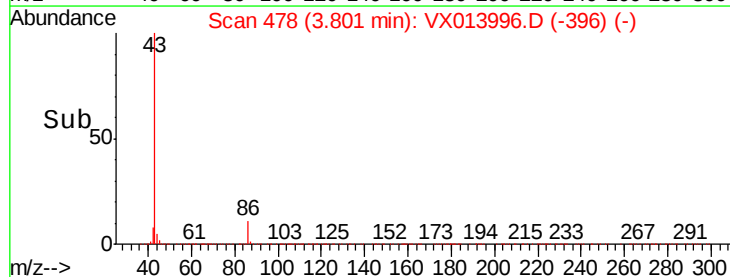
43 100

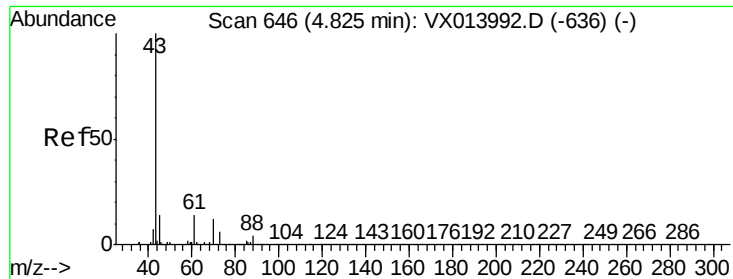
86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

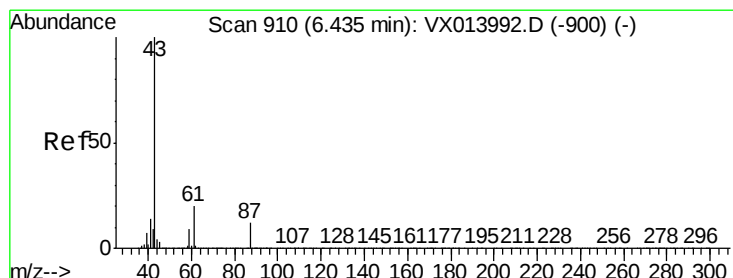
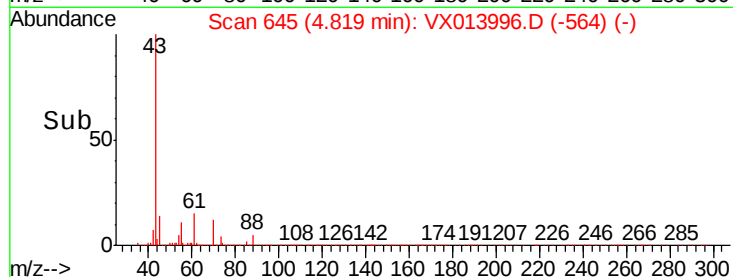
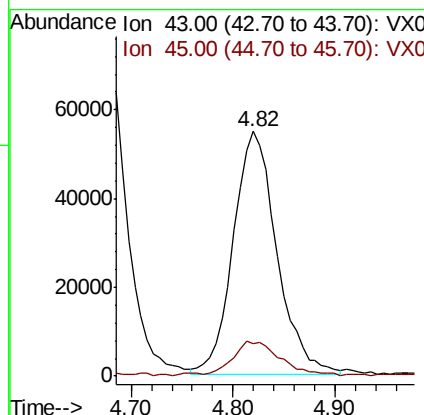
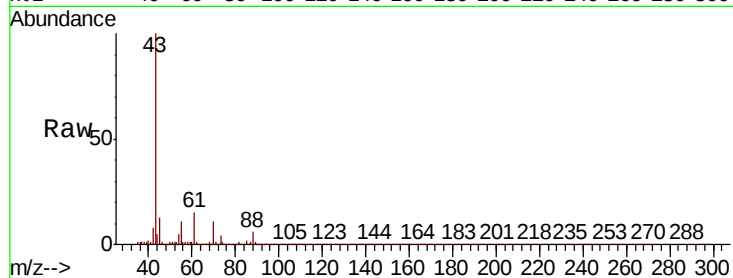




#43
Ethyl Acetate
Concen: 19.997 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

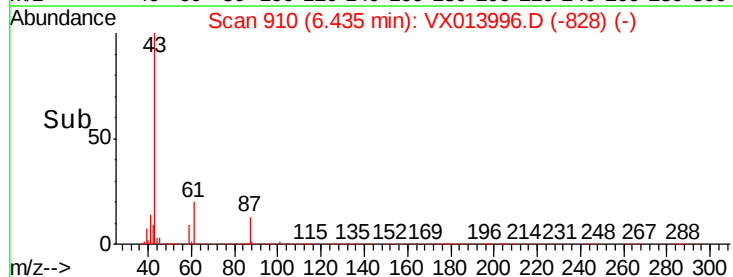
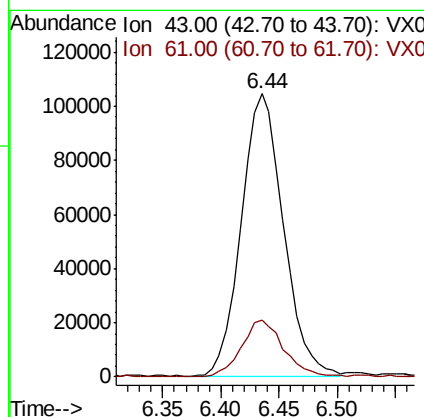
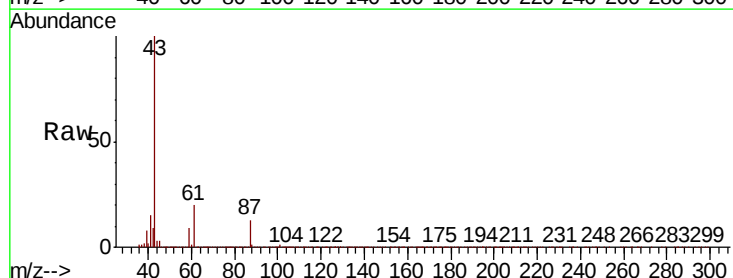
Instrument :
MSVOA_X
ClientSampleId :
ICVX121219

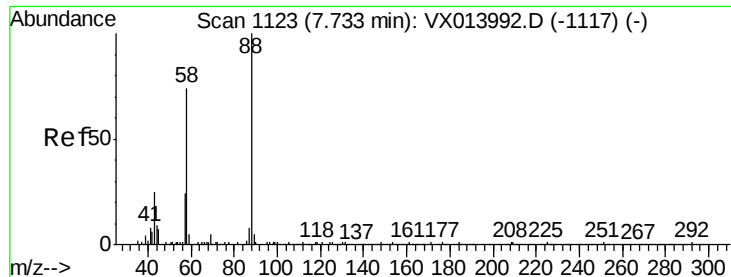
Tot Ion: 43 Resp: 163138
Ion Ratio Lower Upper
43 100
45 14.2 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.271 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 43 Resp: 263313
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9

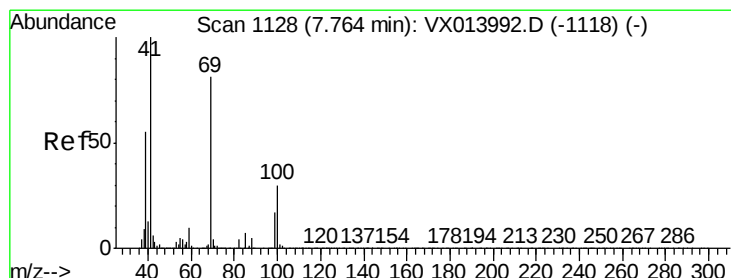
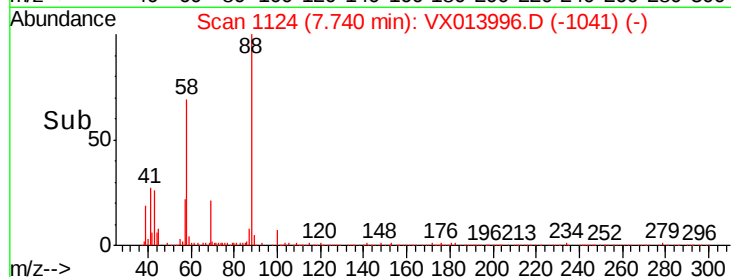
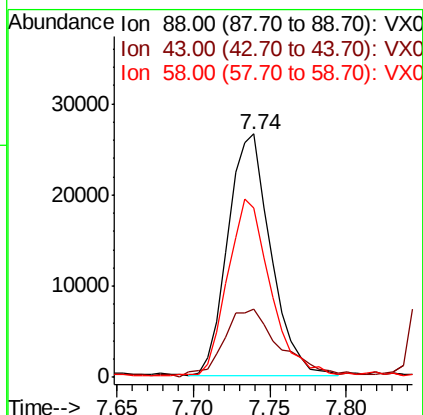
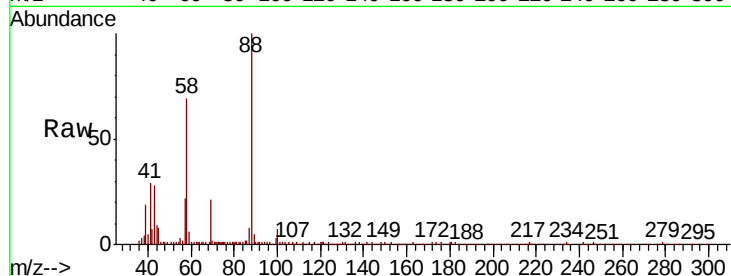




#45
1,4-Dioxane
Concen: 406.289 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

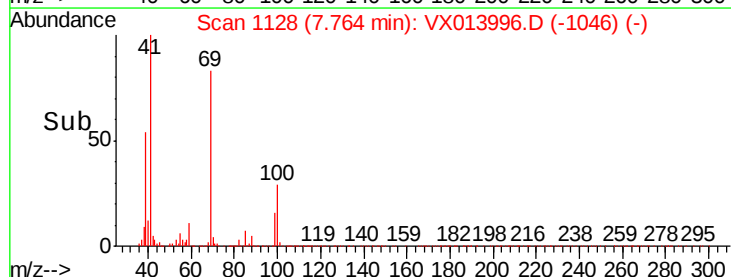
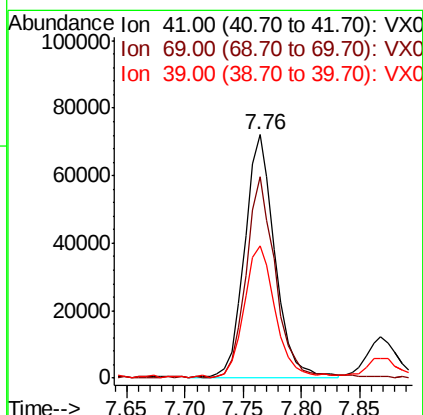
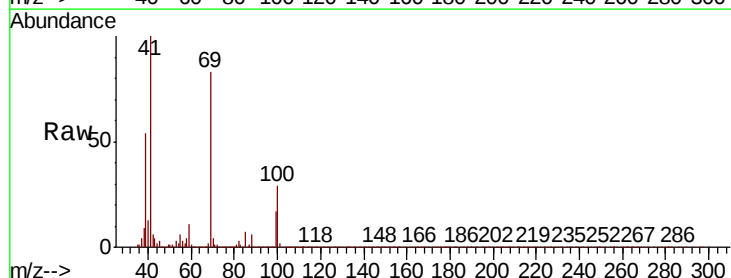
Instrument :
MSVOA_X
ClientSampleId :
ICVX121219

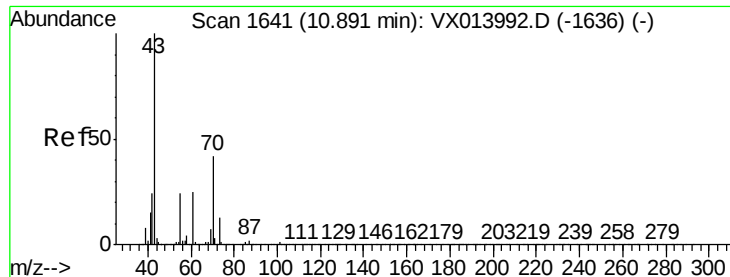
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	71.4	56.5	84.7



#46
Methyl methacrylate
Concen: 19.449 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.9	40.6	122.0
39	54.2	27.8	83.3





#47

n-amvl Acetate

Concen: 18.827 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

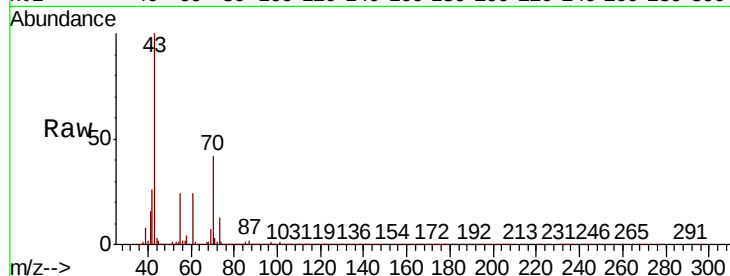
ICVVX121219

Tot Ion: 43 Resp: 228738

Ion Ratio Lower Upper

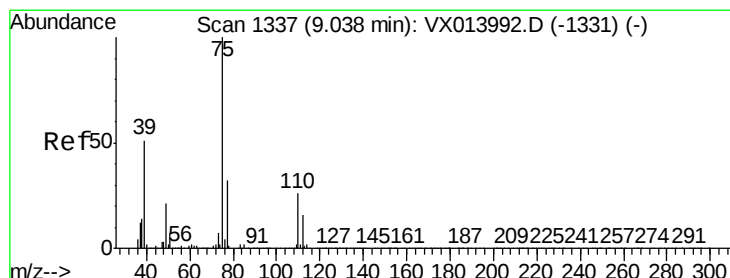
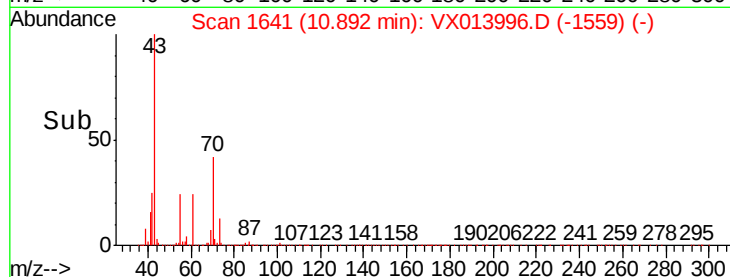
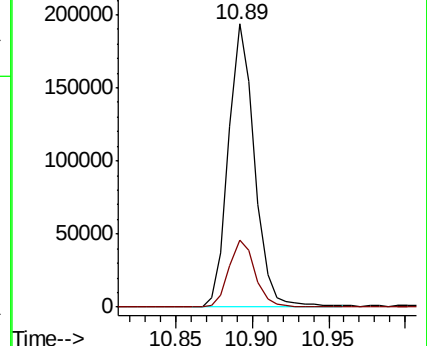
43 100

55 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.075 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013996.D

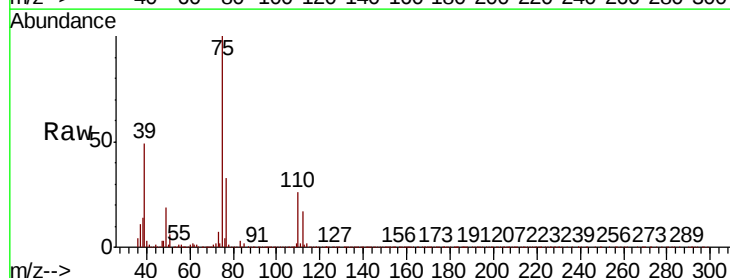
Acq: 13 Dec 2019 00:54

Tgt Ion: 75 Resp: 150440

Ion Ratio Lower Upper

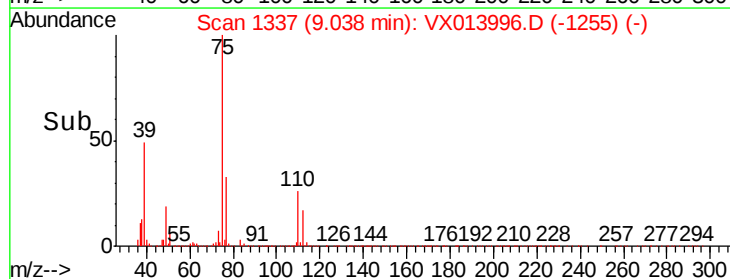
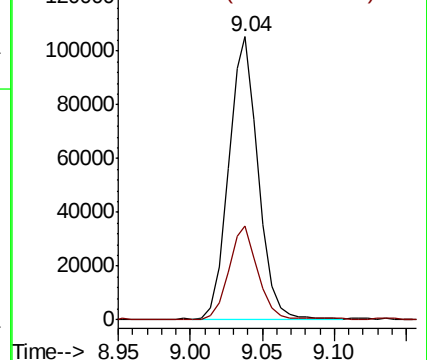
75 100

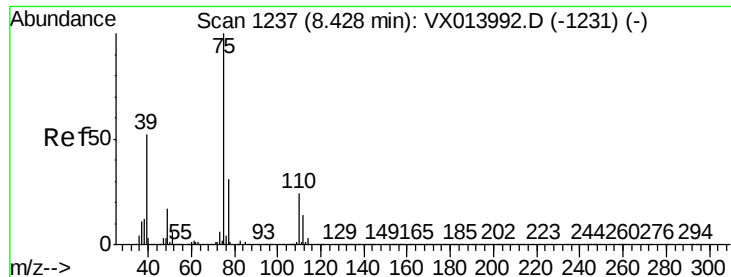
77 32.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



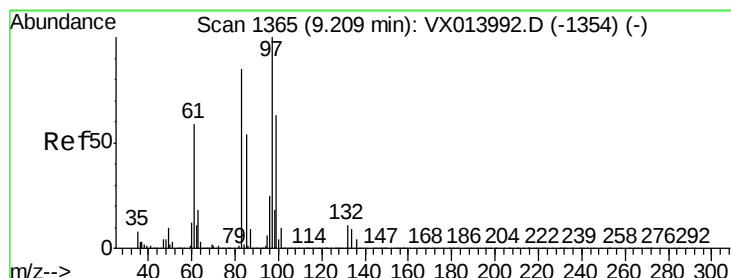
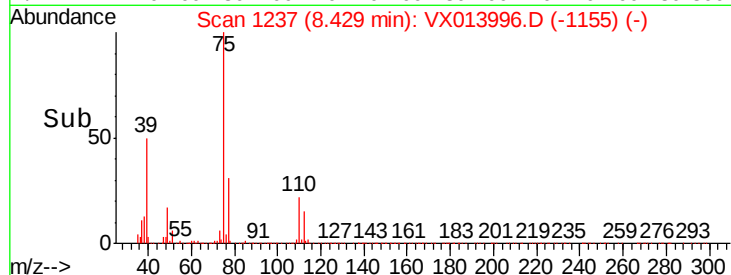
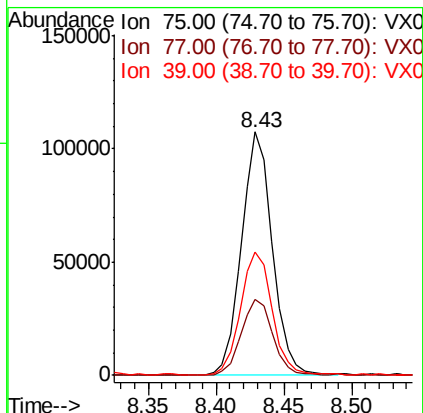
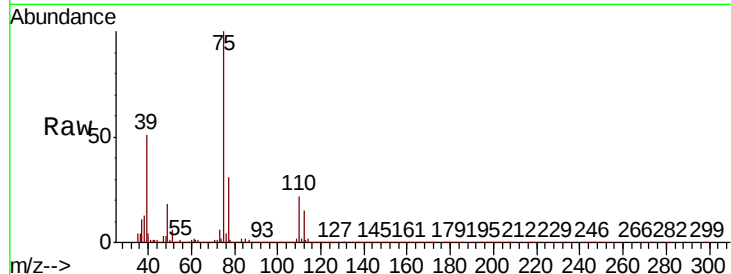


#49

cis-1,3-Dichloropropene
Concen: 19.144 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

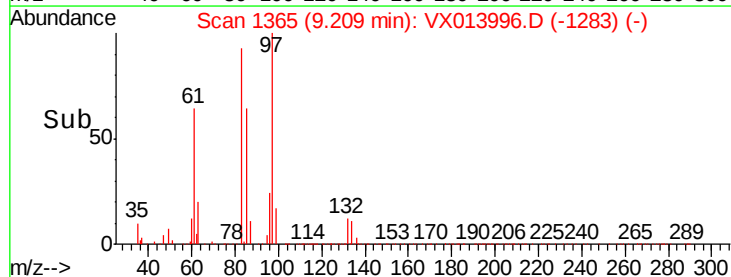
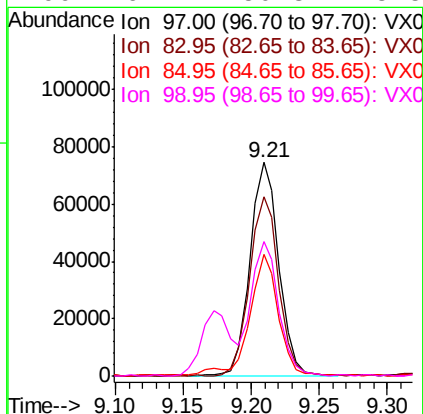
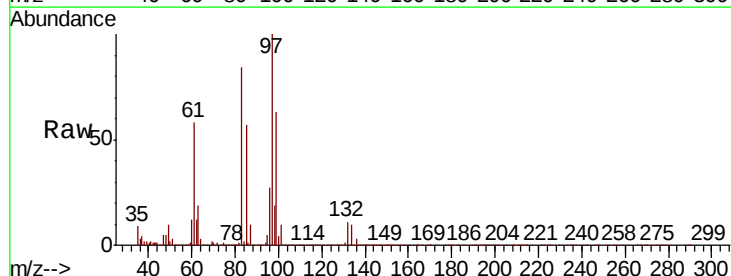
Tot Ion:	75	Resp:	169795
Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2
39	50.5	41.1	61.7

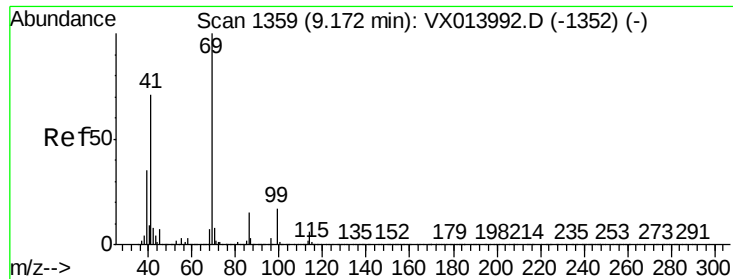


#50

1,1,2-Trichloroethane
Concen: 19.269 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion:	97	Resp:	110975
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.1	102.1
85	57.0	42.7	64.1
99	62.4	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.272 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

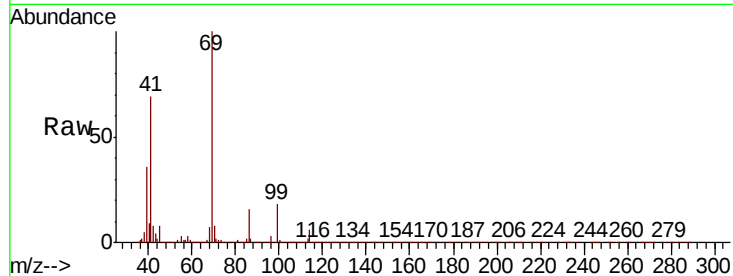
Tot Ion: 69 Resp: 176552

Ion Ratio Lower Upper

69 100

41 68.8 35.4 106.1

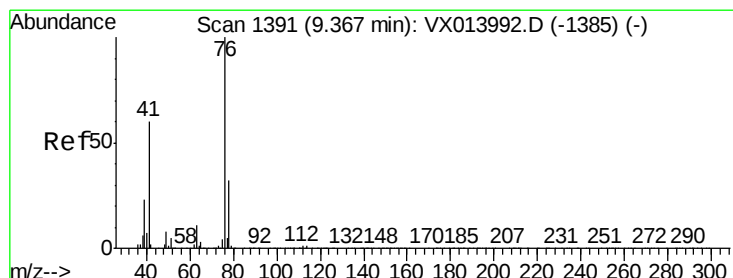
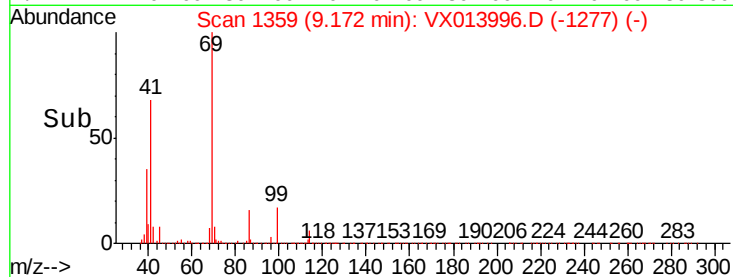
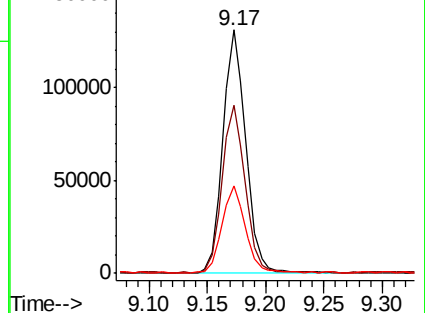
39 35.8 17.8 53.3



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



#52

1,3-Dichloropropane

Concen: 19.380 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013996.D

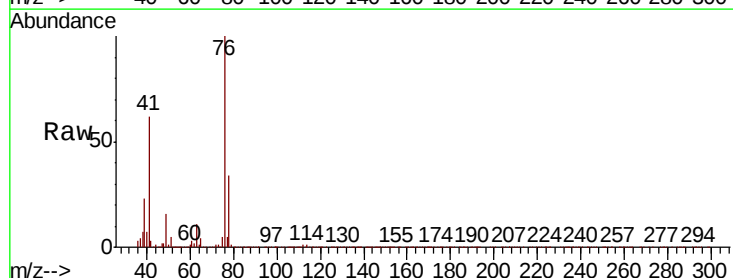
Acq: 13 Dec 2019 00:54

Tgt Ion: 76 Resp: 189633

Ion Ratio Lower Upper

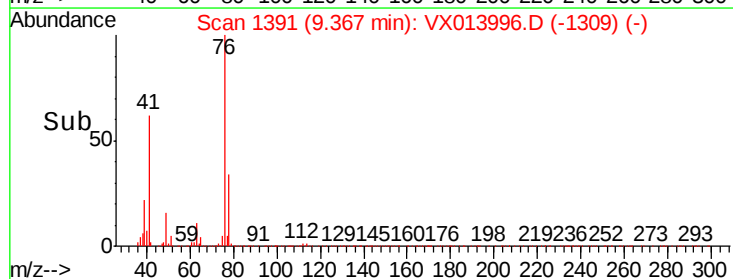
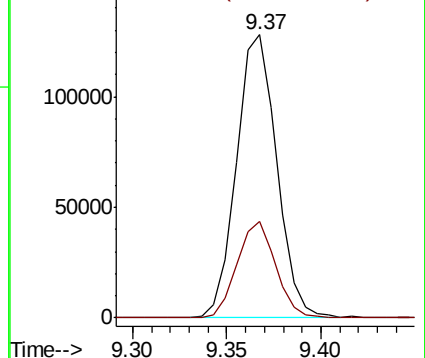
76 100

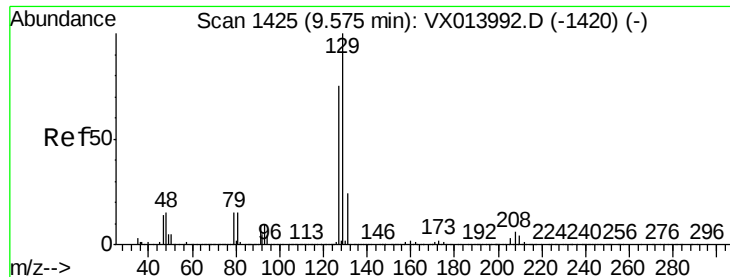
78 32.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.918 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

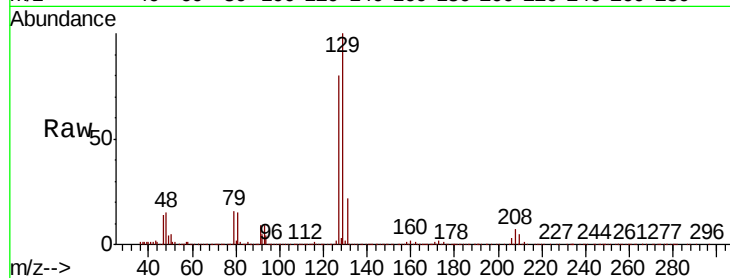
ICVX121219

Tot Ion:129 Resp: 108947

Ion Ratio Lower Upper

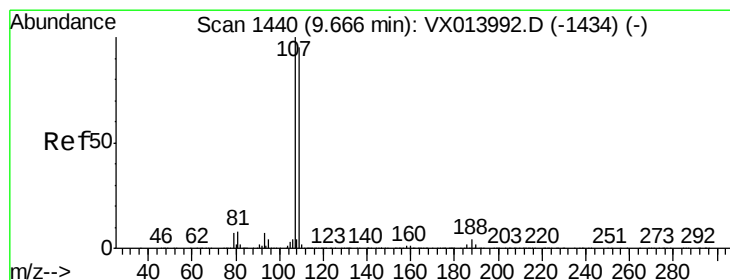
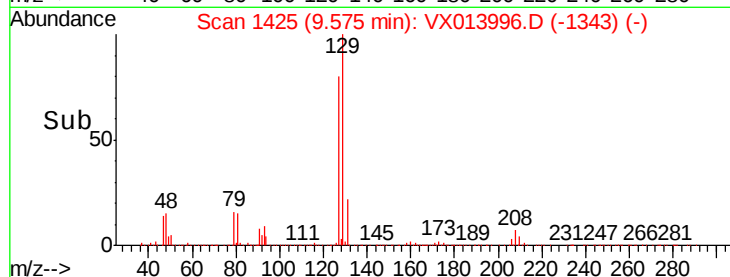
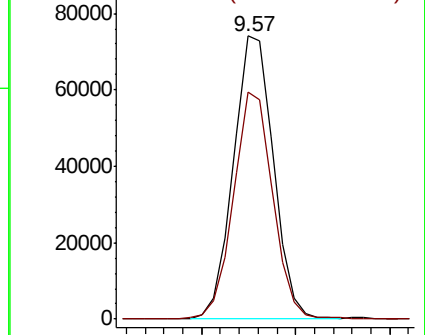
129 100

127 79.2 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.629 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013996.D

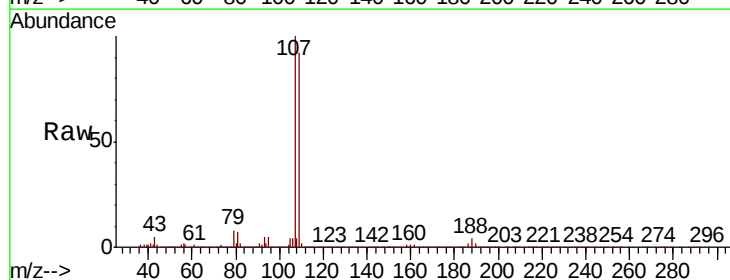
Acq: 13 Dec 2019 00:54

Tgt Ion:107 Resp: 116396

Ion Ratio Lower Upper

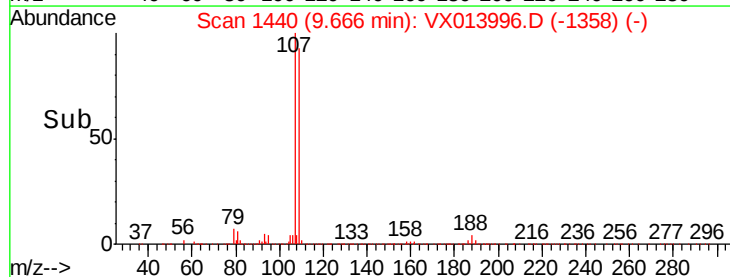
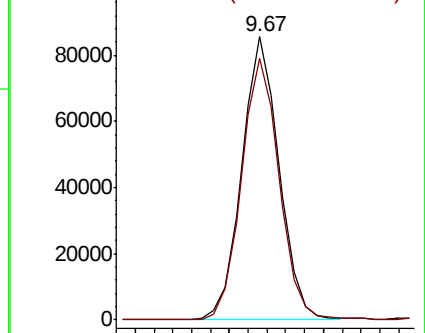
107 100

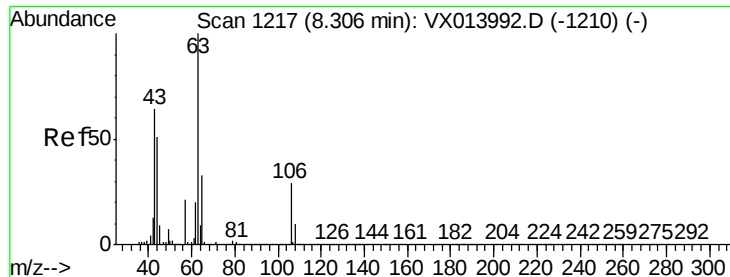
109 93.1 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 99.912 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

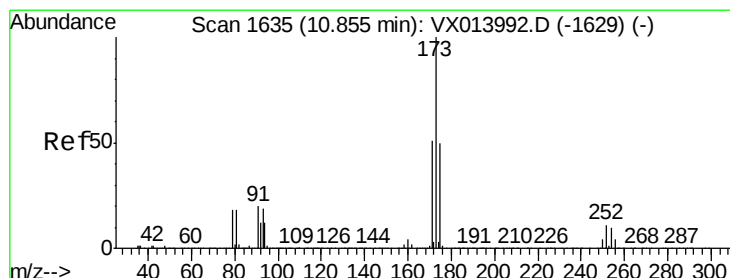
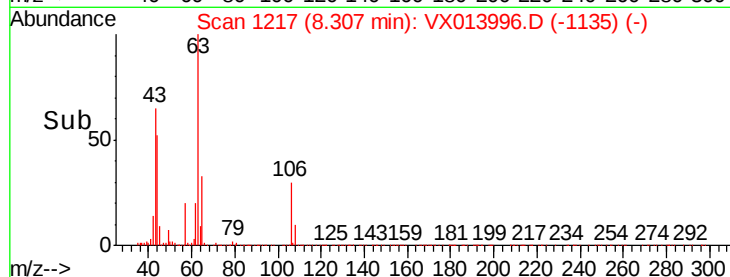
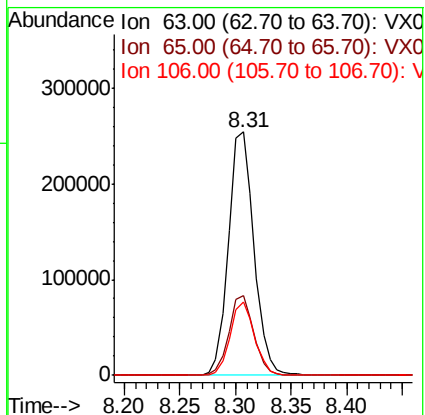
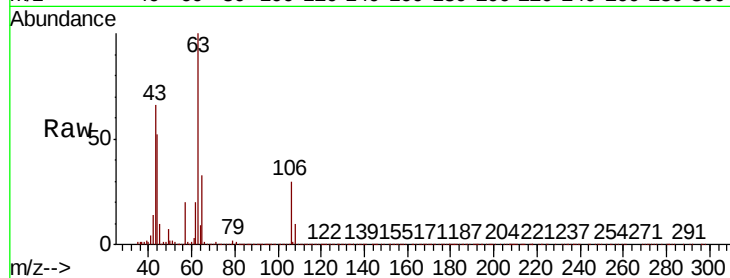
Tot Ion: 63 Resp: 403476

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.6

106 28.8 22.9 34.3



#56

Bromoform

Concen: 18.308 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

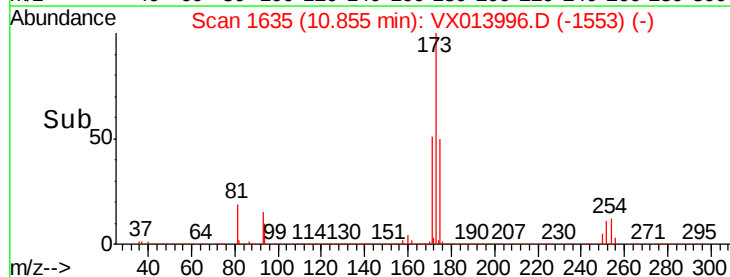
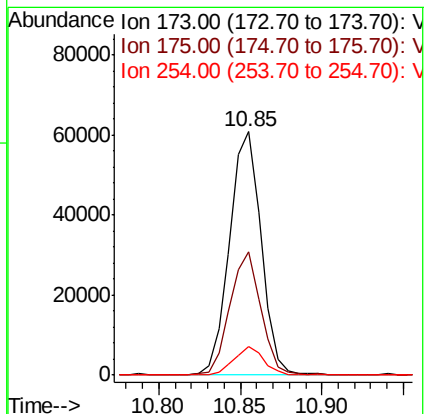
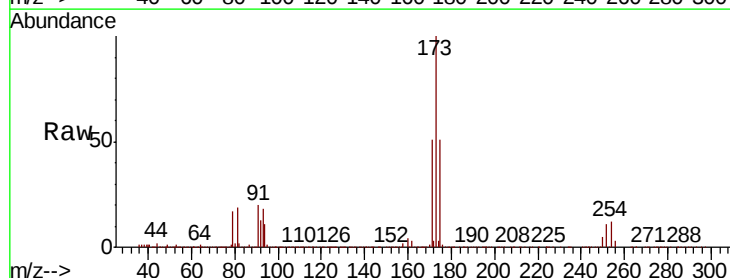
Tgt Ion: 173 Resp: 82221

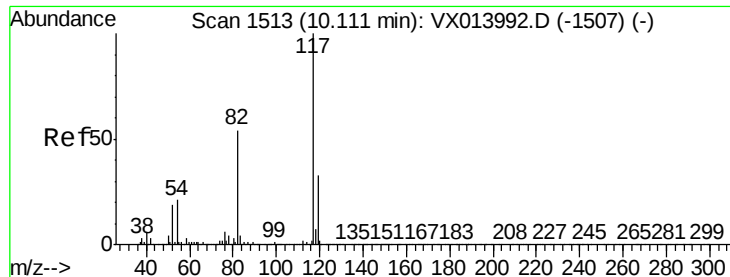
Ion Ratio Lower Upper

173 100

175 49.2 39.5 59.3

254 11.3 8.2 12.4

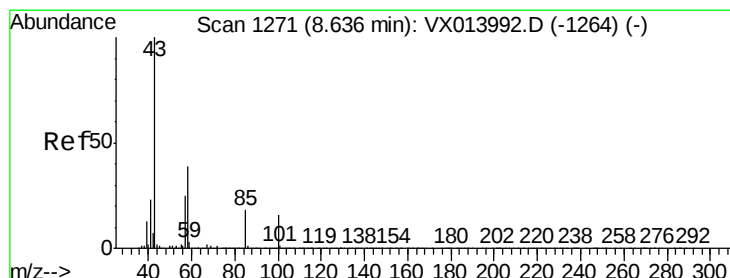
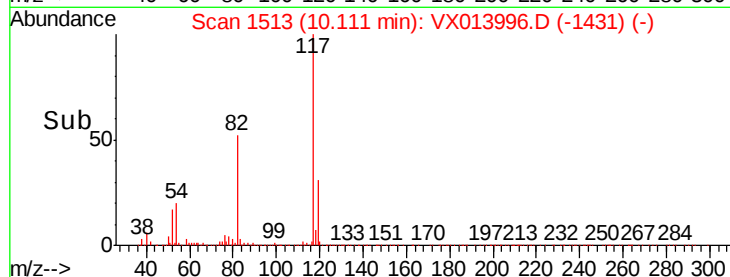
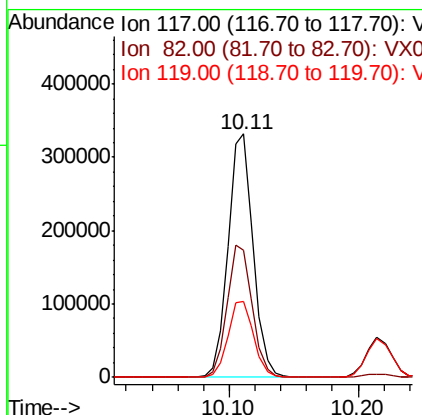
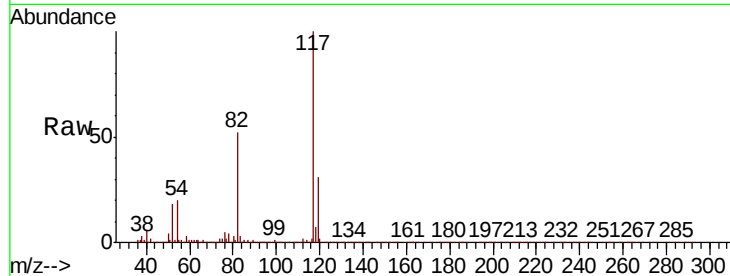




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

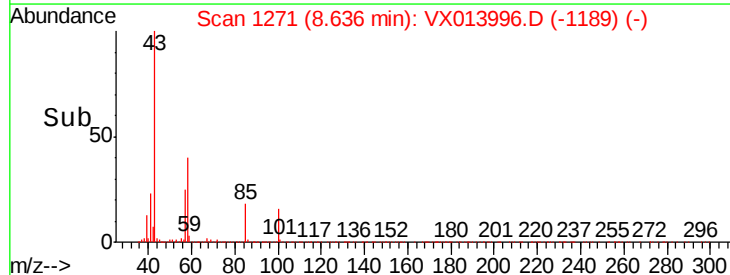
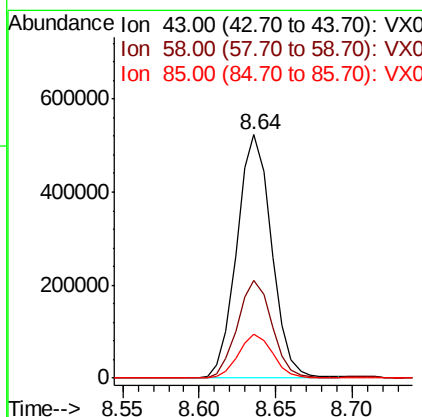
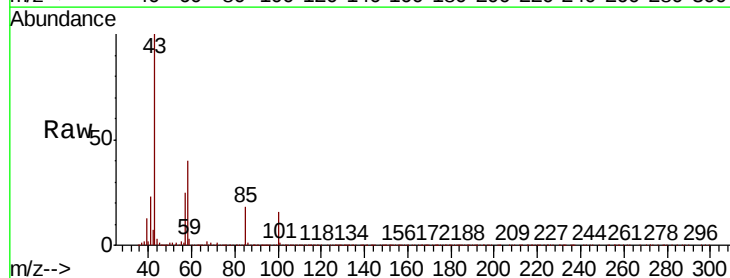
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

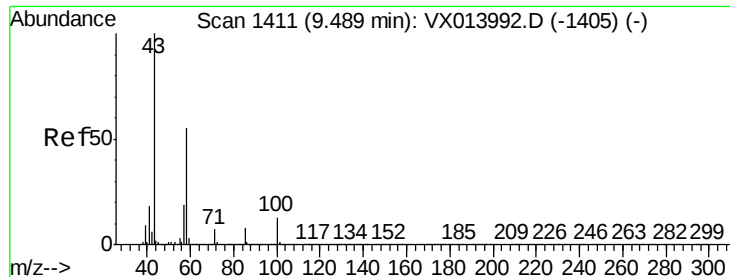
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	31.9	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 97.506 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.2	46.8
85	17.7	14.2	21.2

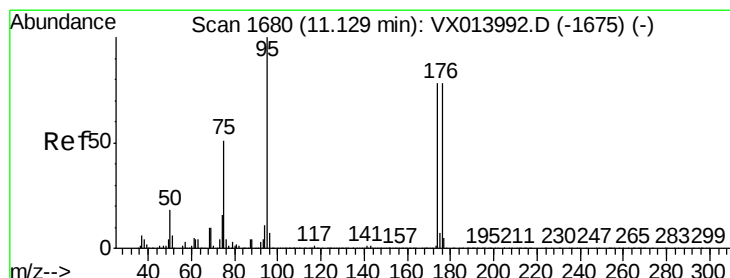
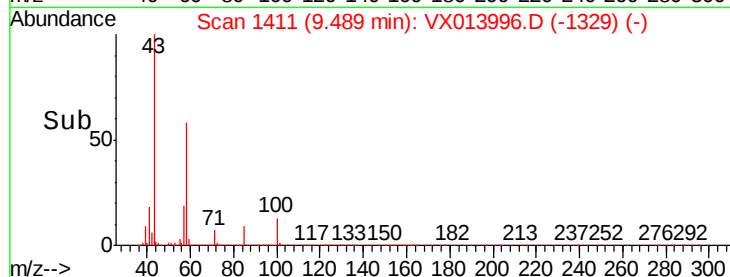
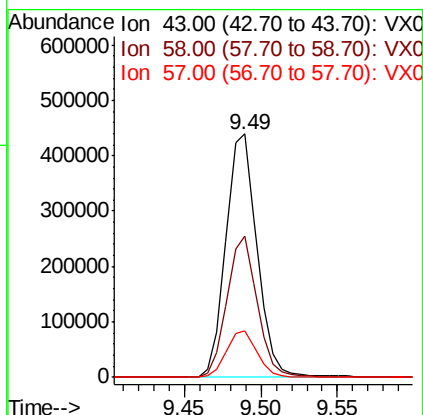
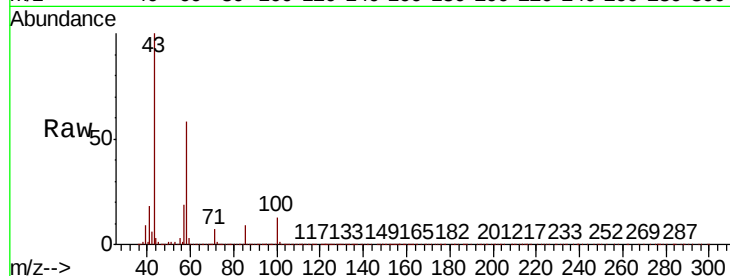




#59
2-Hexanone
Concen: 96.499 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

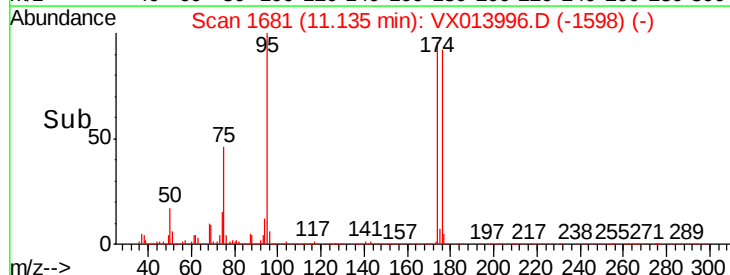
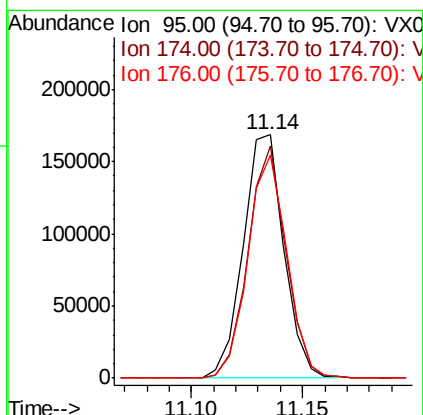
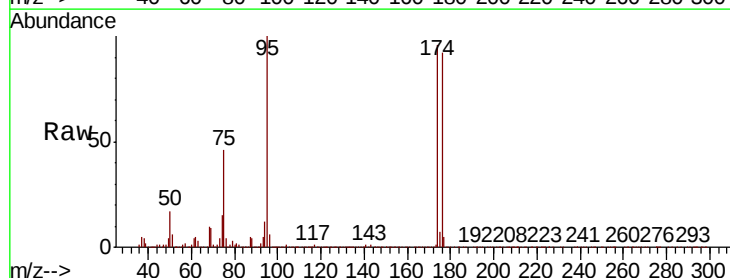
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

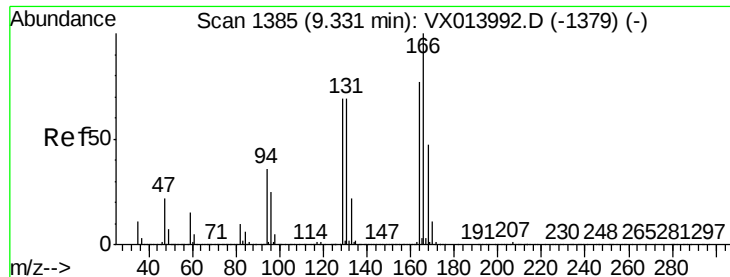
Tot Ion: 43 Resp: 618982
Ion Ratio Lower Upper
43 100
58 56.6 43.8 65.6
57 19.0 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.510 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 95 Resp: 215265
Ion Ratio Lower Upper
95 100
174 89.1 70.2 105.2
176 87.9 68.3 102.5





#61

Tetrachloroethene

Concen: 18.806 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

Tot Ion:164 Resp: 112389

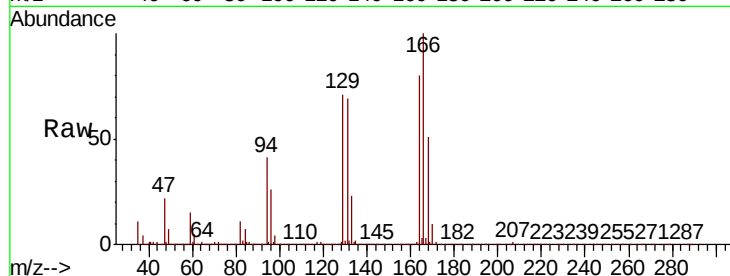
Ion Ratio Lower Upper

164 100

166 125.4 104.2 156.2

129 89.3 71.6 107.4

131 86.1 71.7 107.5

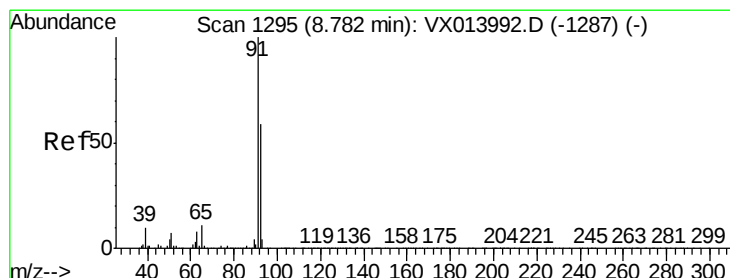
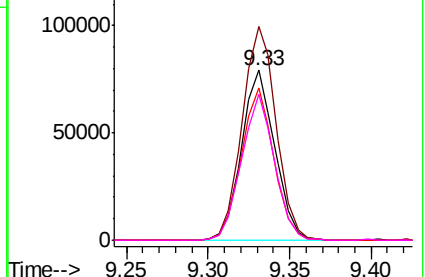
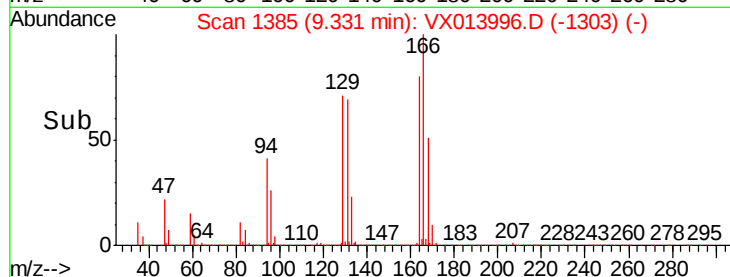


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.514 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013996.D

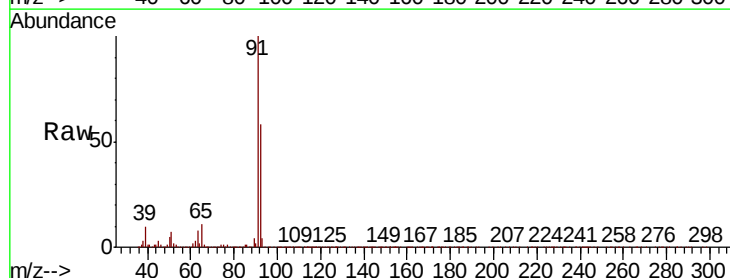
Acq: 13 Dec 2019 00:54

Tgt Ion: 91 Resp: 468845

Ion Ratio Lower Upper

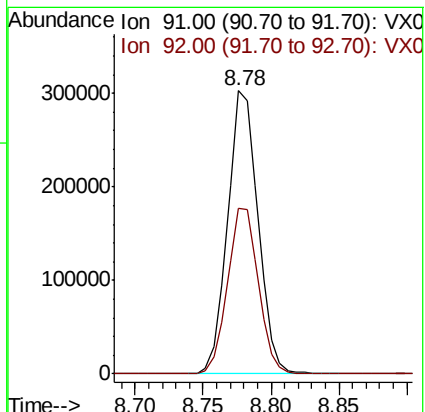
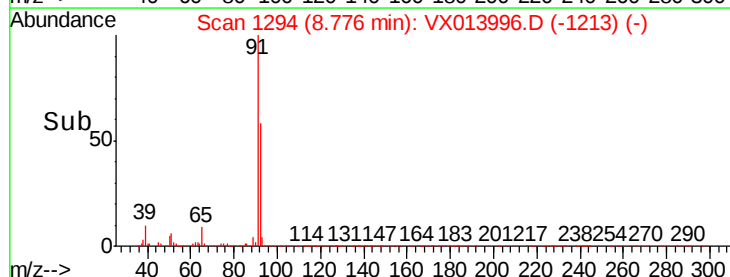
91 100

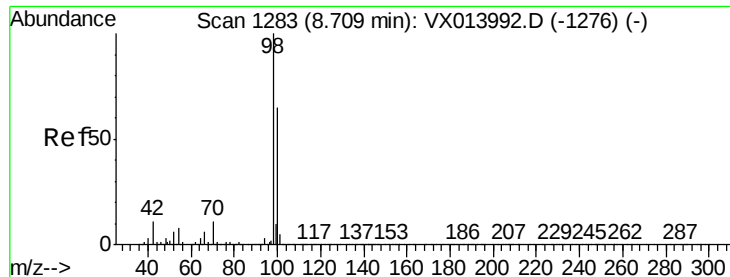
92 59.5 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.143 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

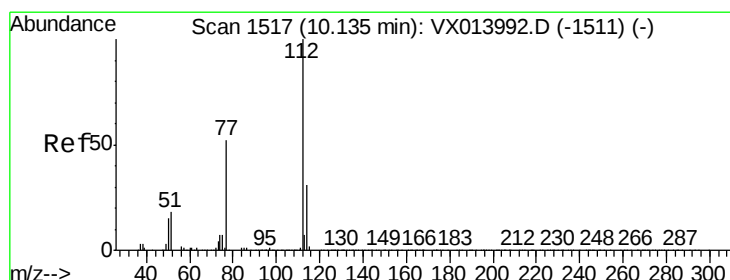
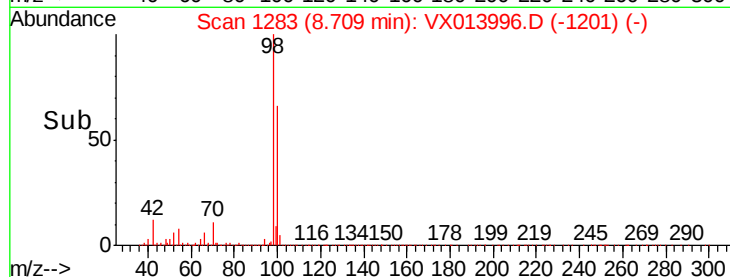
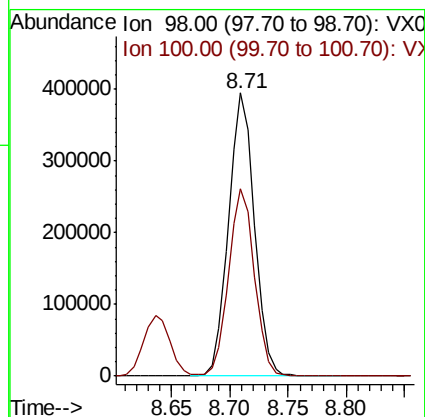
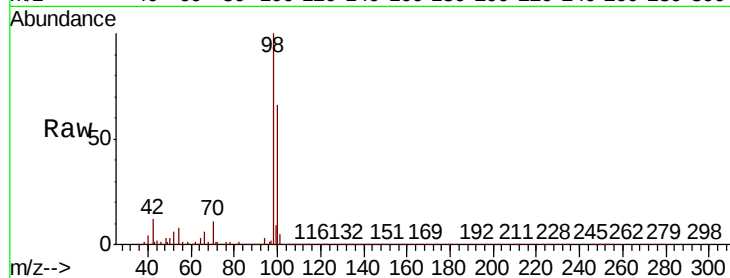
ICVX121219

Tot Ion: 98 Resp: 608662

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2



#64

Chlorobenzene

Concen: 19.629 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013996.D

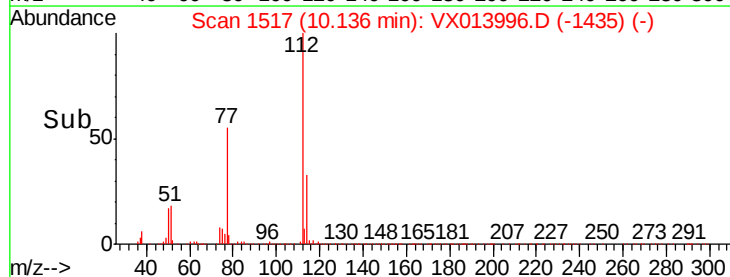
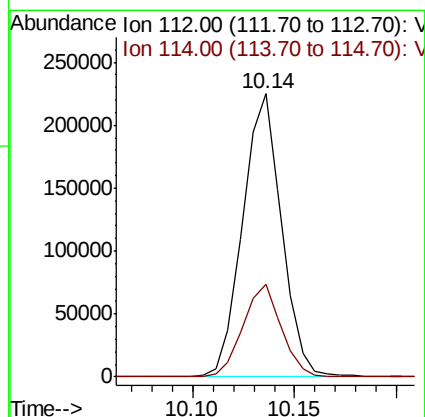
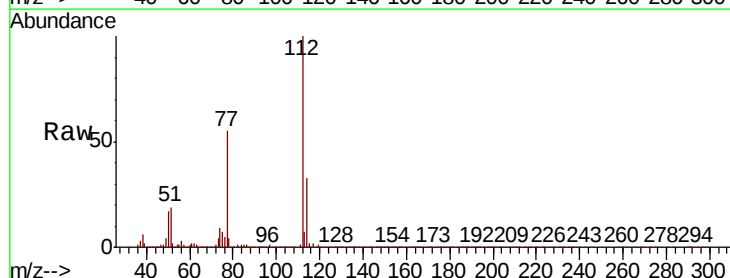
Acq: 13 Dec 2019 00:54

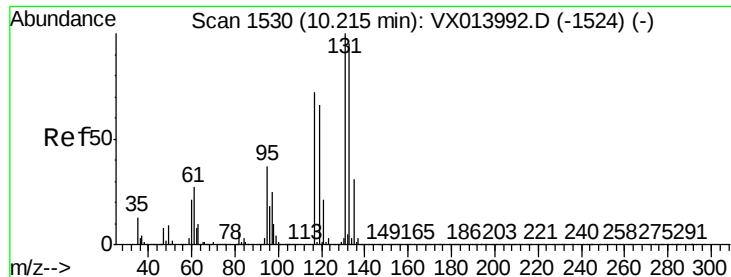
Tgt Ion: 112 Resp: 295466

Ion Ratio Lower Upper

112 100

114 32.5 24.4 36.6

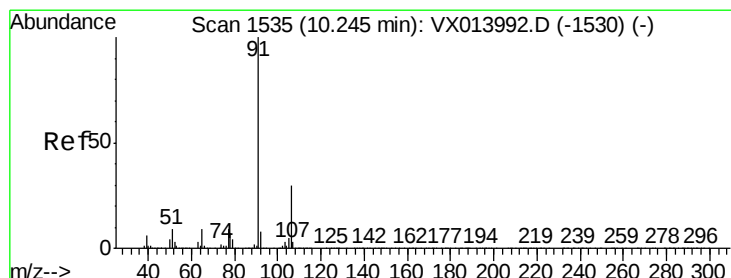
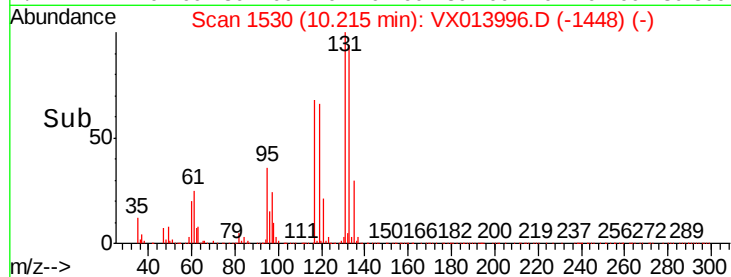
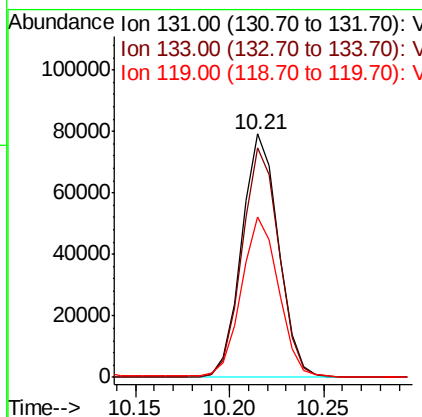
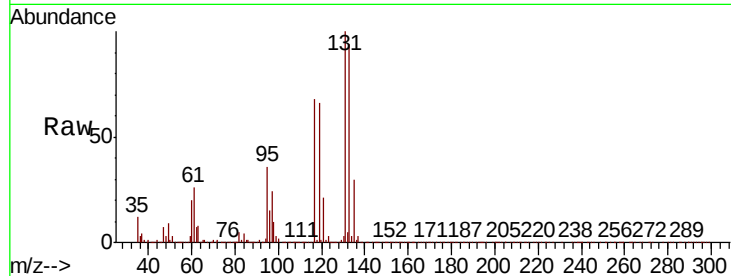




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.191 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

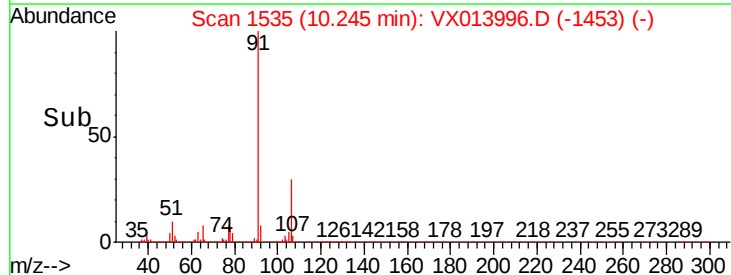
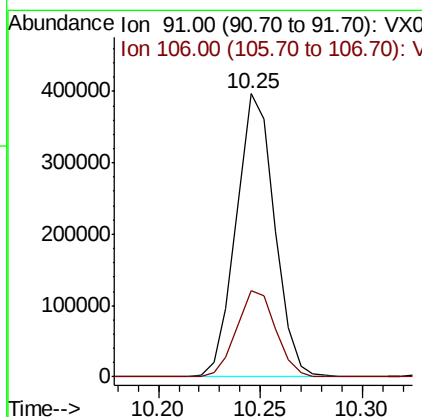
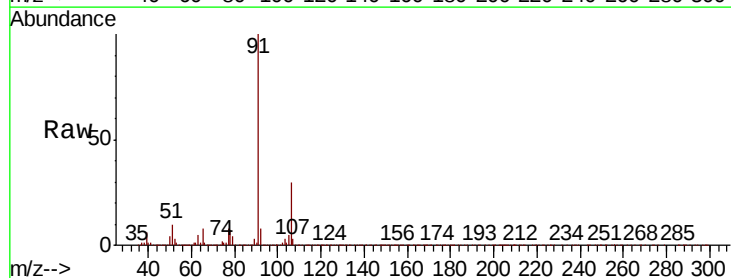
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

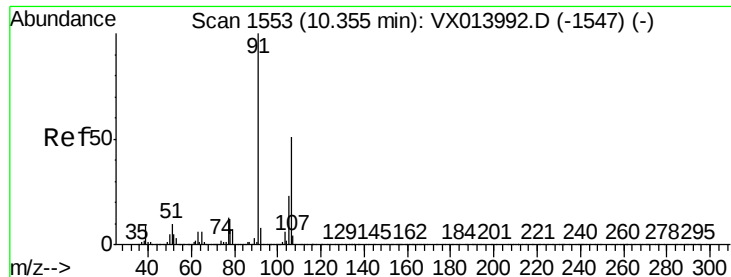
Tot Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	189.8
119	67.1	0.0	132.2



#66
 Ethyl Benzene
 Concen: 19.641 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.2

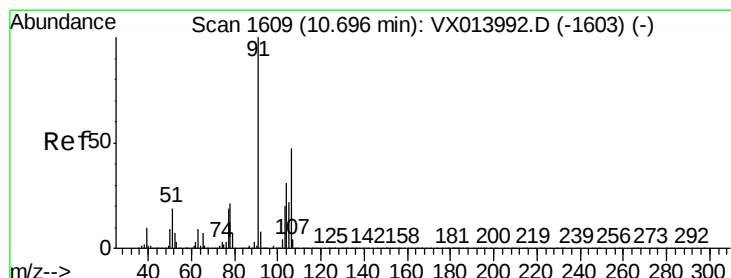
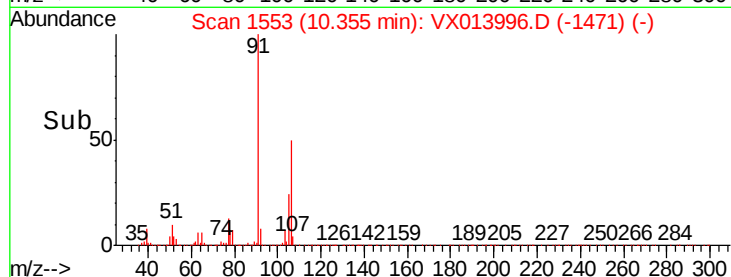
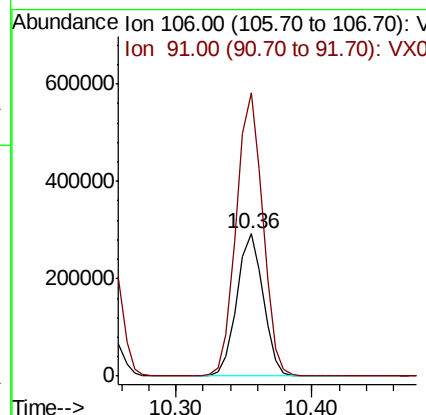
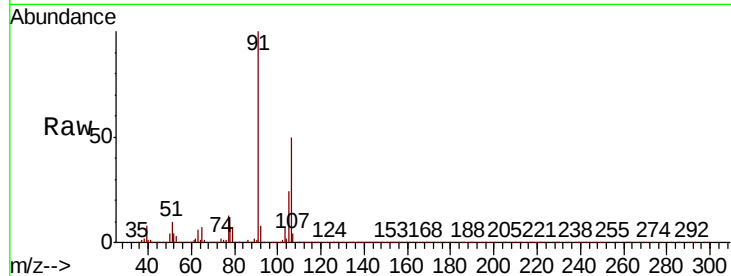




#67
m/p-Xvlenes
Concen: 39.370 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

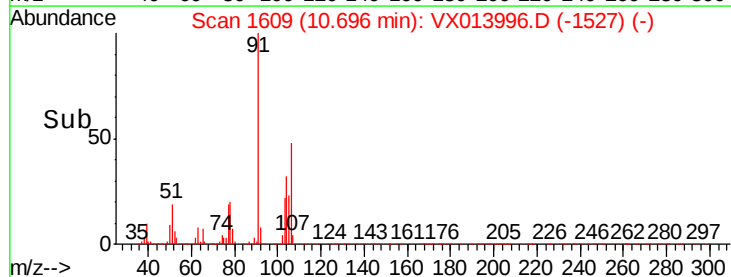
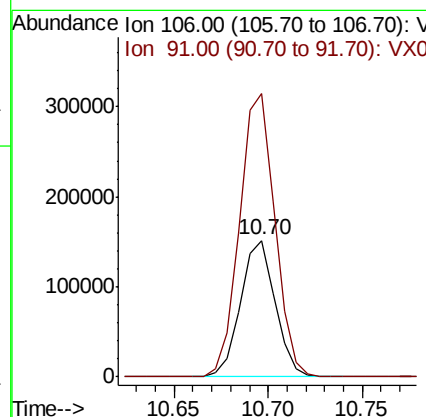
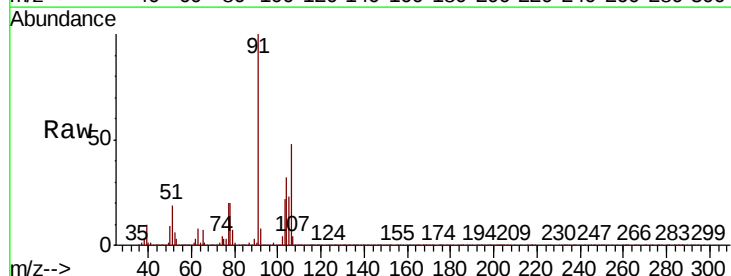
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

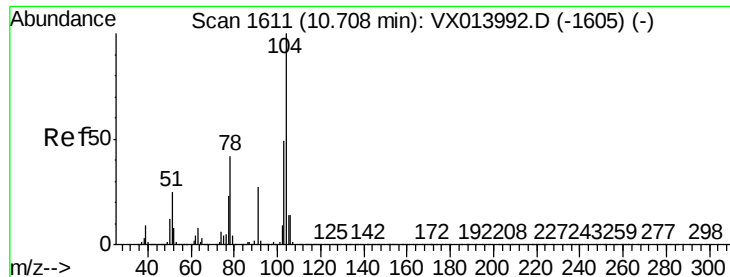
Tot Ion:106 Resp: 395717
Ion Ratio Lower Upper
106 100
91 200.2 159.3 238.9



#68
o-Xylene
Concen: 19.341 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion:106 Resp: 192584
Ion Ratio Lower Upper
106 100
91 211.9 104.8 314.6

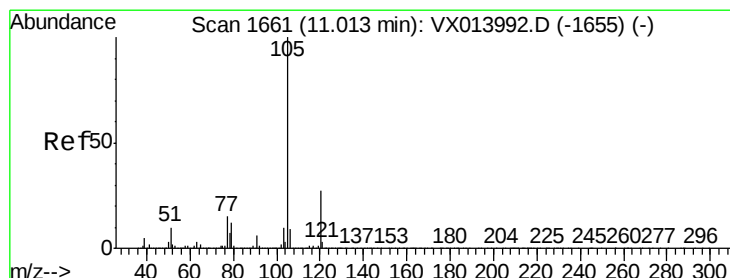
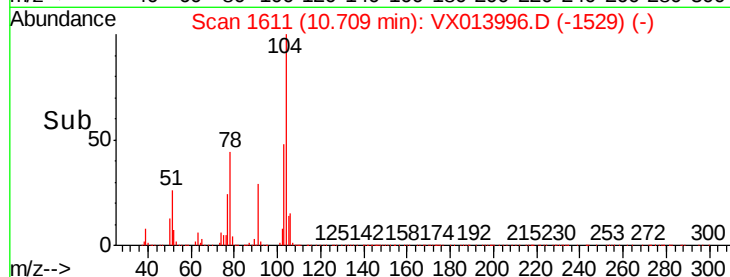
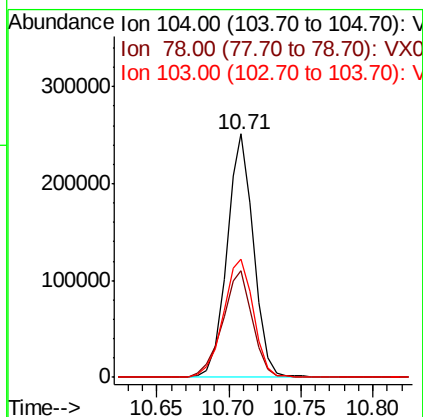
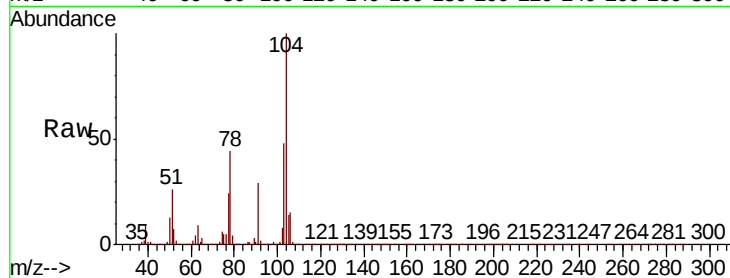




#69
Stvrene
Concen: 19.192 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

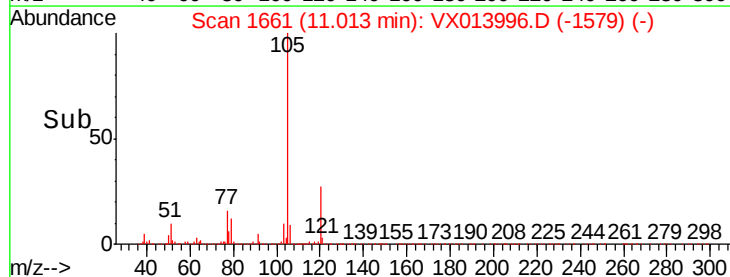
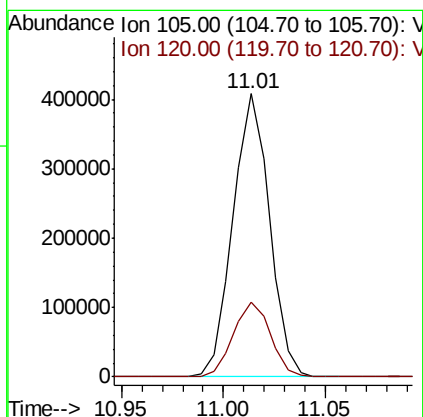
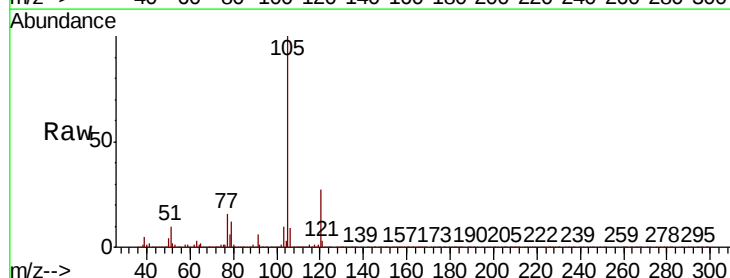
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

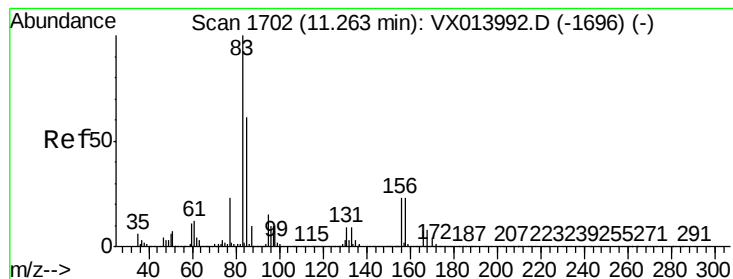
Tot Ion:104 Resp: 324968
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 55.3 44.2 66.2



#70
Isopropylbenzene
Concen: 19.665 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion:105 Resp: 506002
Ion Ratio Lower Upper
105 100
120 26.8 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 19.288 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

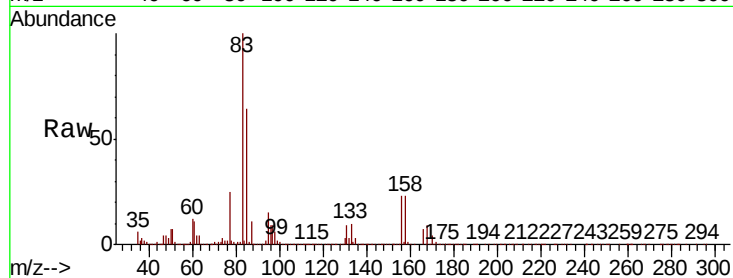
Tot Ion: 83 Resp: 176002

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

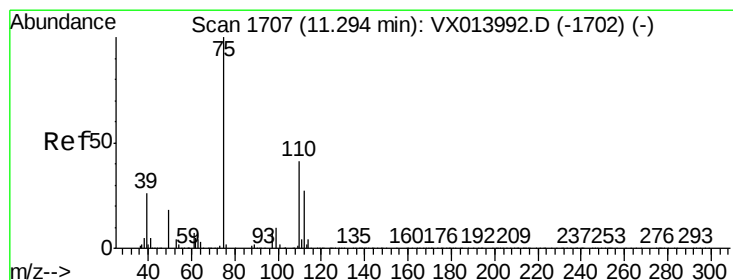
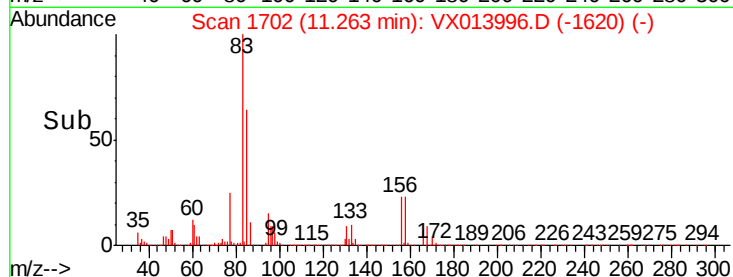
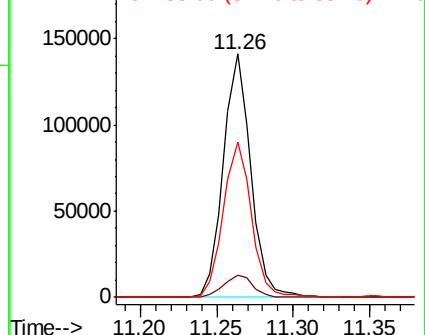
85 65.1 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.397 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013996.D

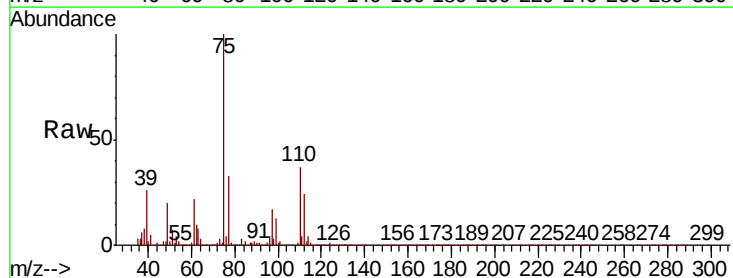
Acq: 13 Dec 2019 00:54

Tgt Ion: 75 Resp: 190040

Ion Ratio Lower Upper

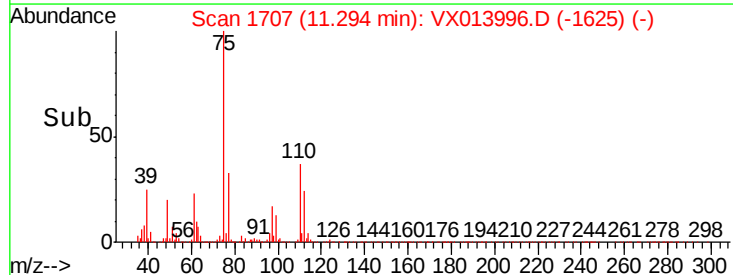
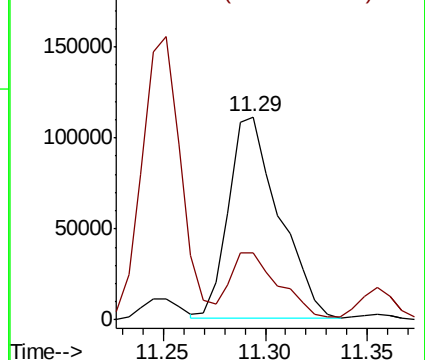
75 100

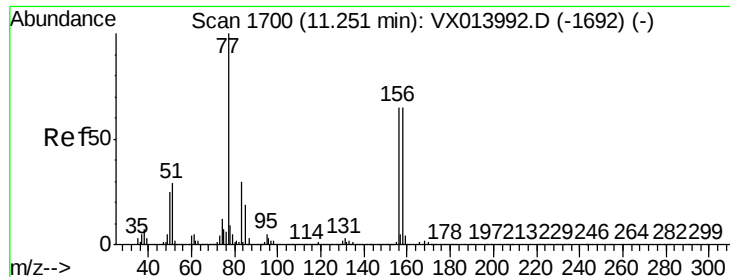
77 32.2 0.0 68.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.235 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

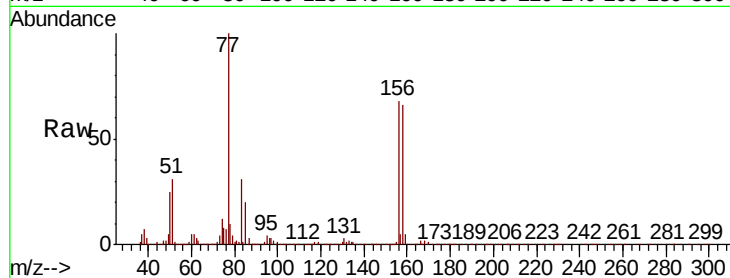
Tot Ion:156 Resp: 132124

Ion Ratio Lower Upper

156 100

77 156.2 0.0 304.6

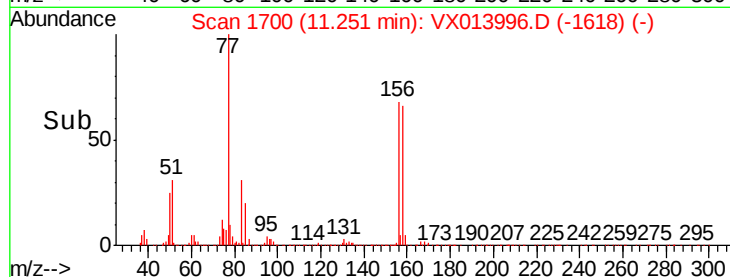
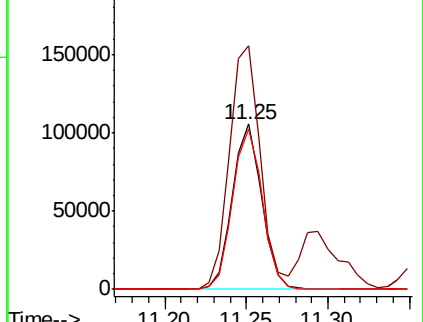
158 98.8 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.481 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013996.D

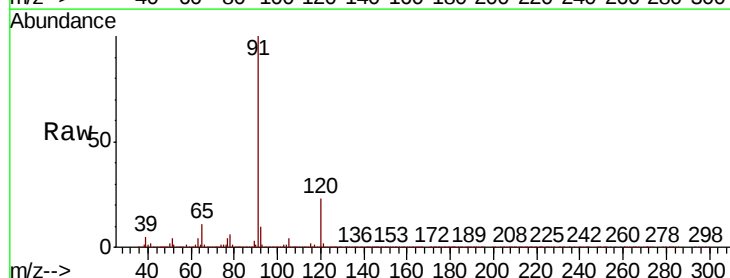
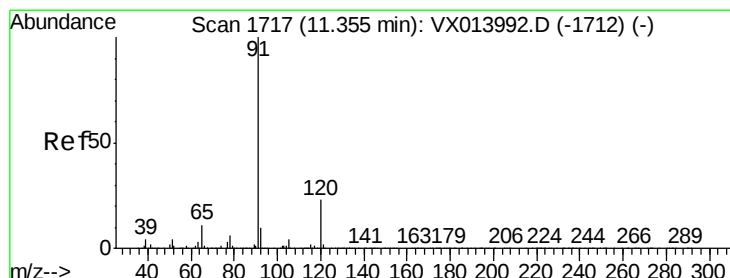
Acq: 13 Dec 2019 00:54

Tgt Ion: 91 Resp: 568548

Ion Ratio Lower Upper

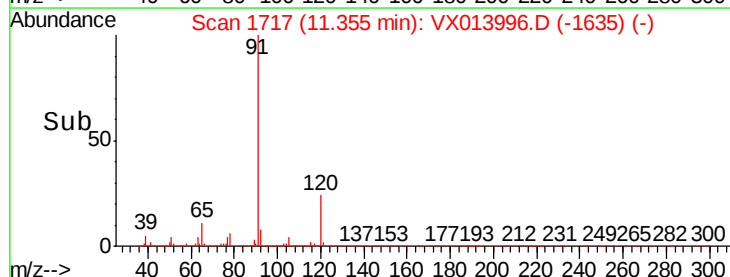
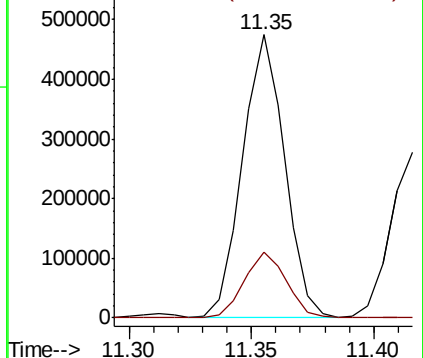
91 100

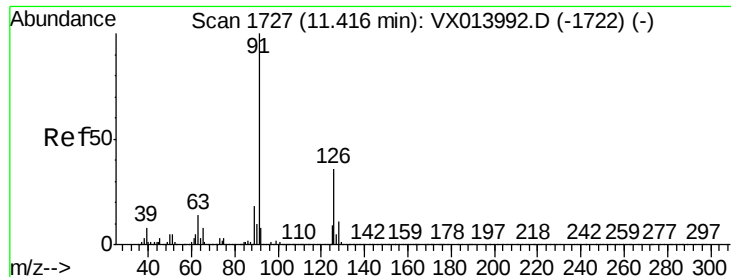
120 23.2 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.494 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

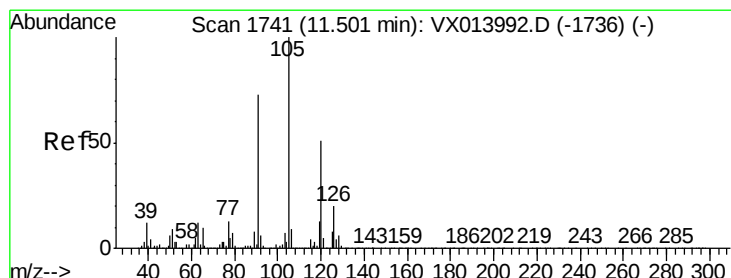
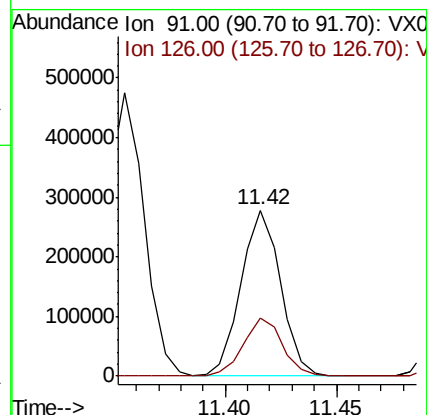
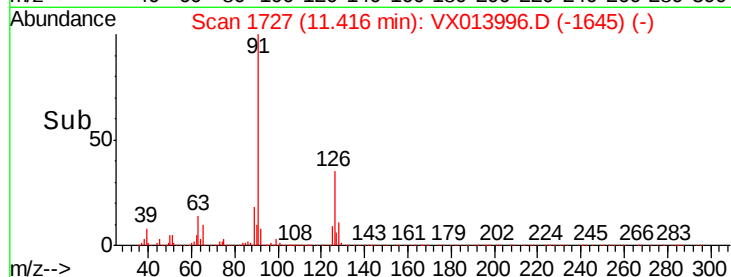
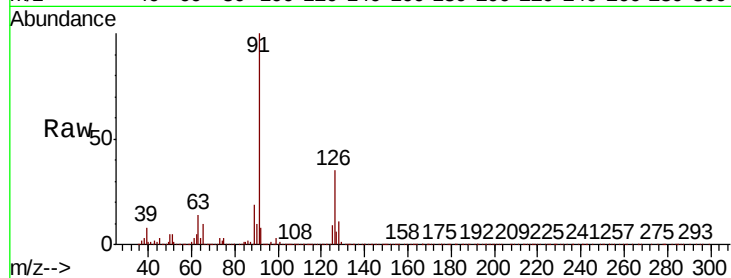
ICVX121219

Tot Ion: 91 Resp: 343764

Ion Ratio Lower Upper

91 100

126 34.3 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 19.415 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013996.D

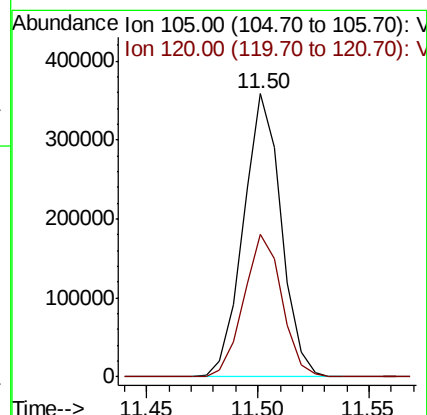
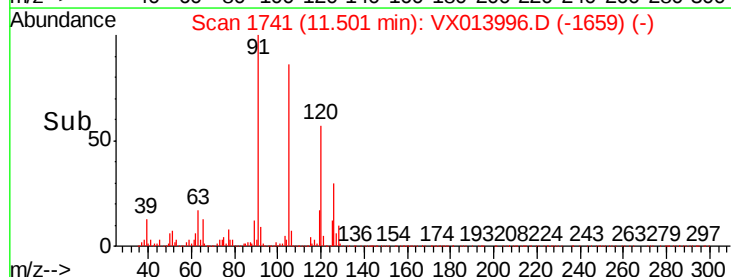
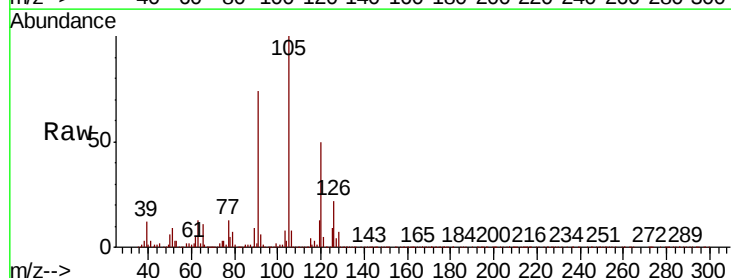
Acq: 13 Dec 2019 00:54

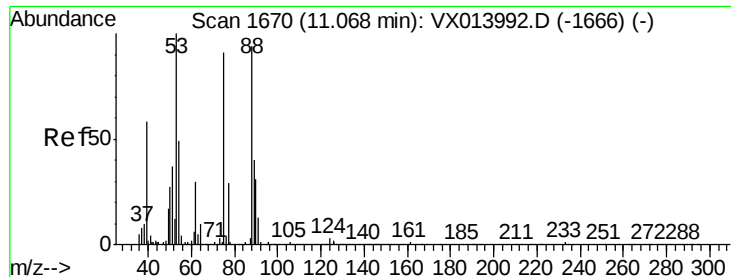
Tgt Ion: 105 Resp: 423786

Ion Ratio Lower Upper

105 100

120 50.5 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.328 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

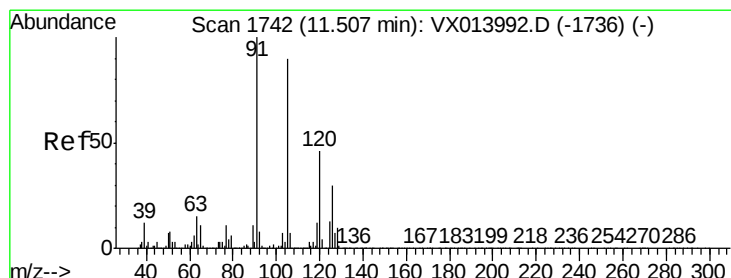
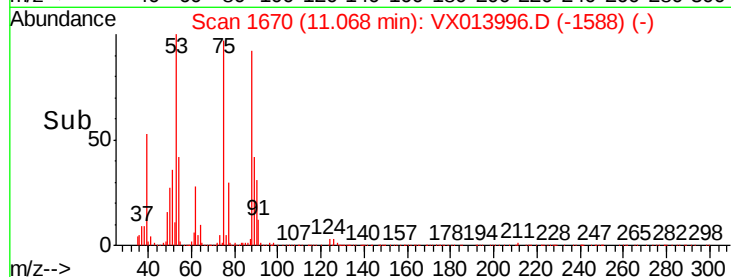
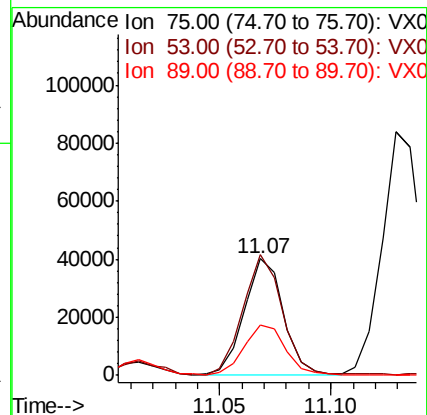
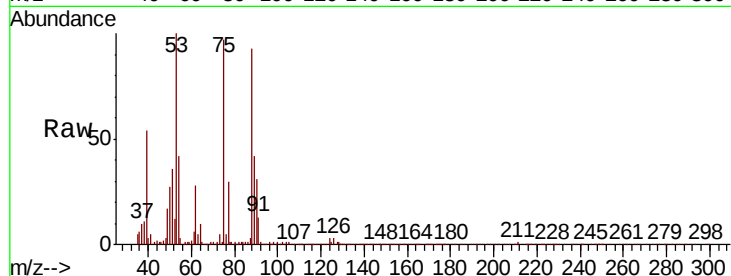
Tot Ion: 75 Resp: 49159

Ion Ratio Lower Upper

75 100

53 103.4 54.4 163.1

89 43.0 21.9 65.5



#78

4-Chlorotoluene

Concen: 19.162 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013996.D

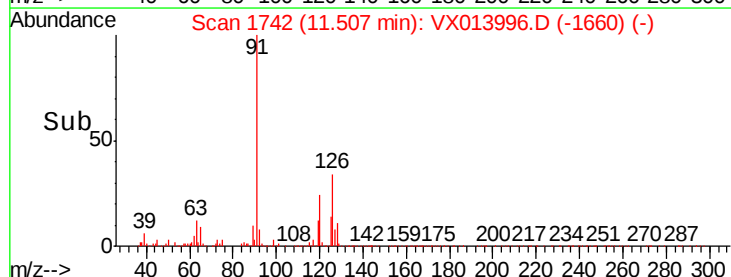
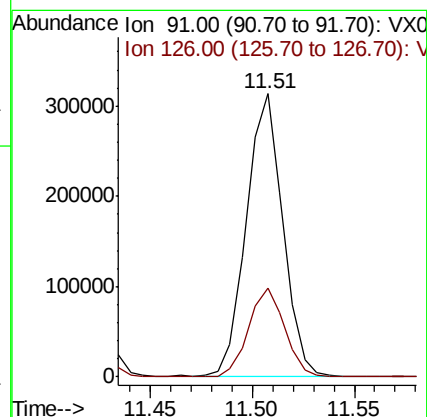
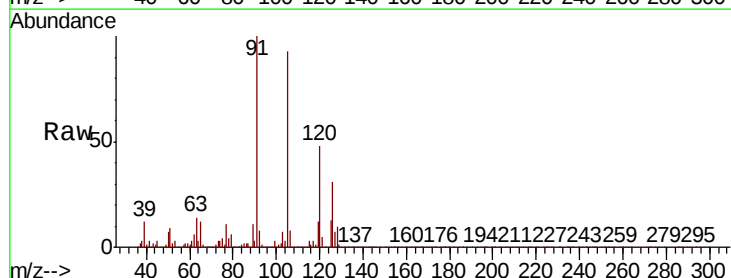
Acq: 13 Dec 2019 00:54

Tgt Ion: 91 Resp: 386131

Ion Ratio Lower Upper

91 100

126 31.2 0.0 59.6





#79

tert-butylbenzene

Concen: 19.687 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

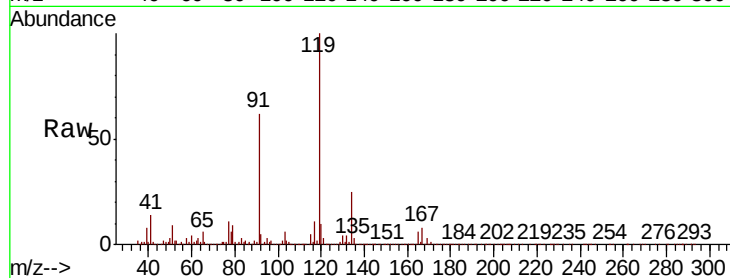
Tot Ion:119 Resp: 414213

Ion Ratio Lower Upper

119 100

91 56.1 0.0 112.6

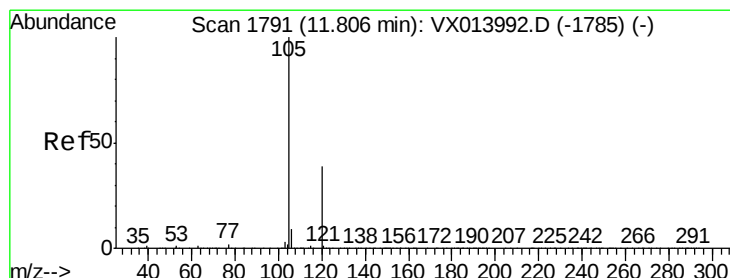
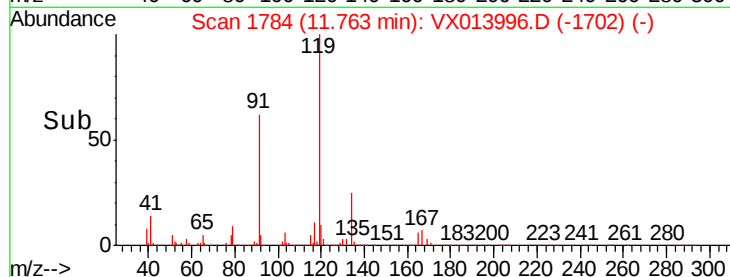
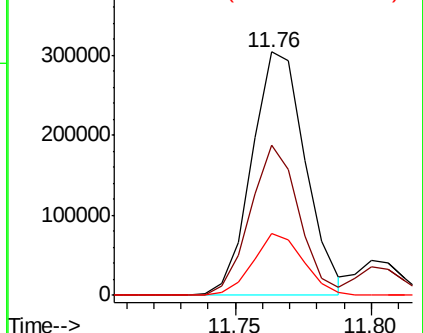
134 24.1 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.474 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013996.D

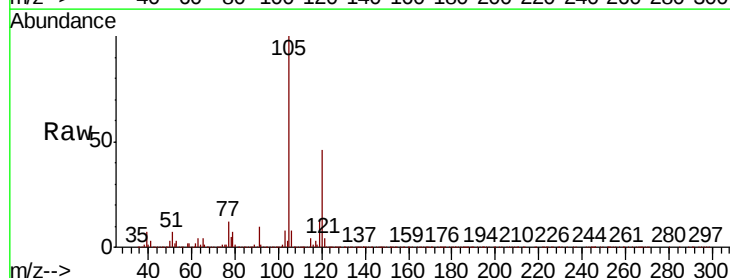
Acq: 13 Dec 2019 00:54

Tgt Ion:105 Resp: 425043

Ion Ratio Lower Upper

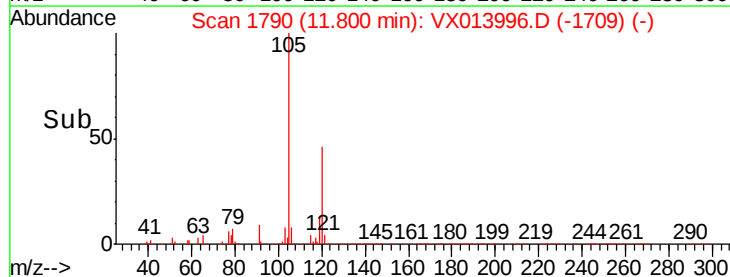
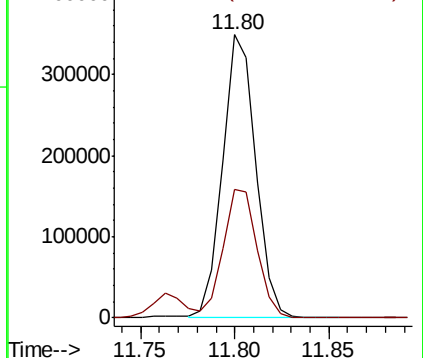
105 100

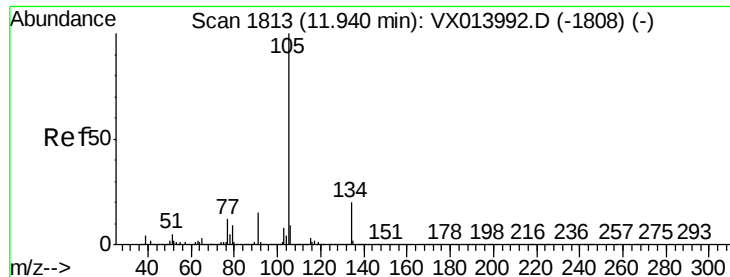
120 46.3 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

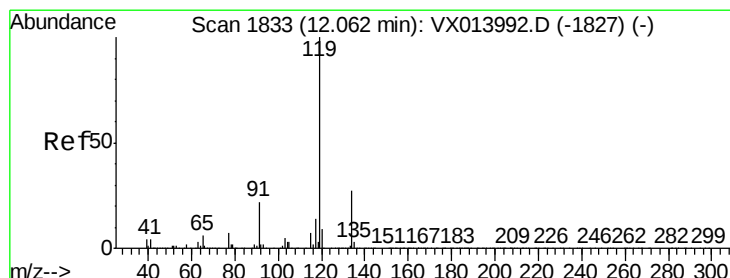
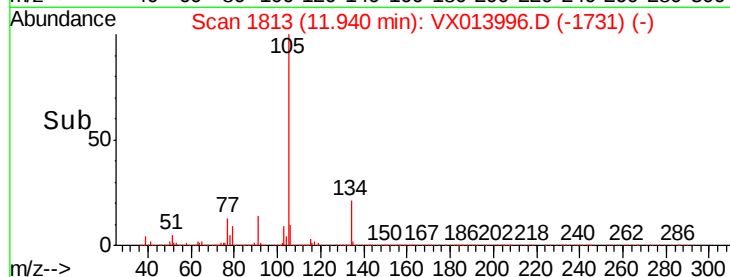
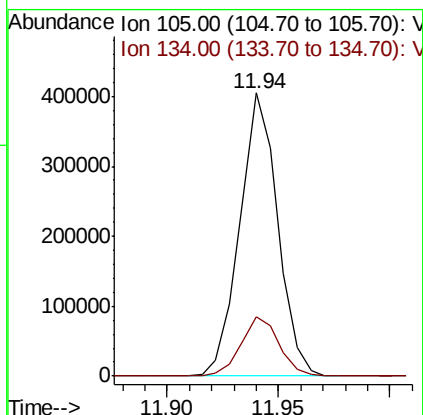
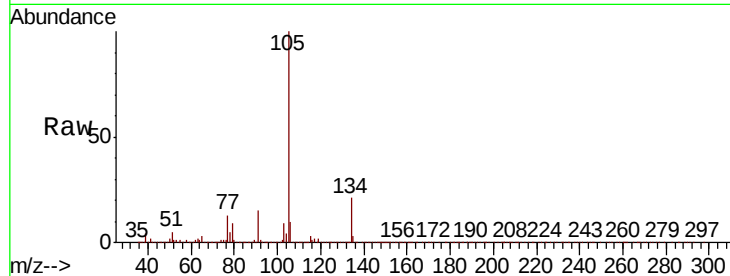




#81
 sec-Butylbenzene
 Concen: 19.241 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

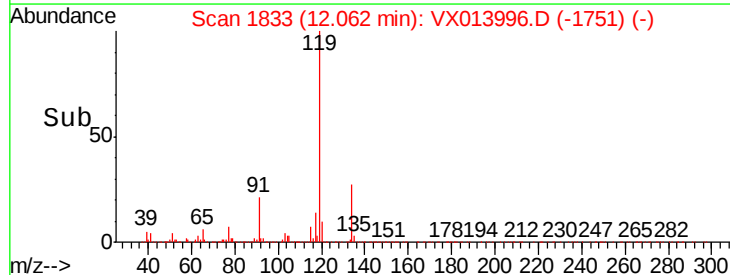
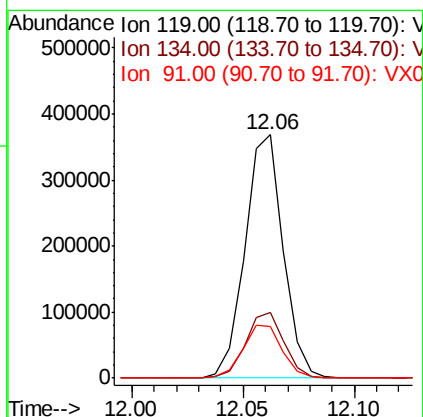
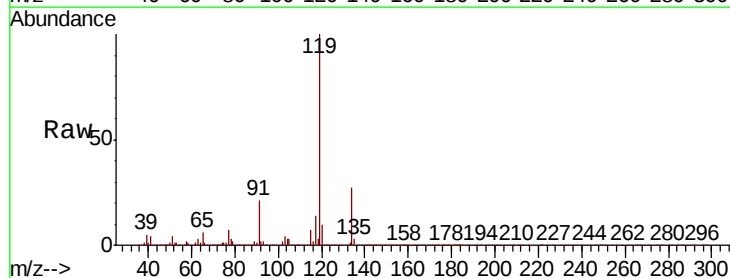
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

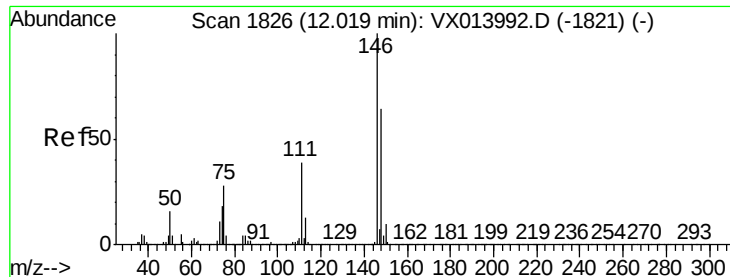
Tot Ion:105 Resp: 481504
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 19.450 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion:119 Resp: 439247
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.8
 91 22.2 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 19.600 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

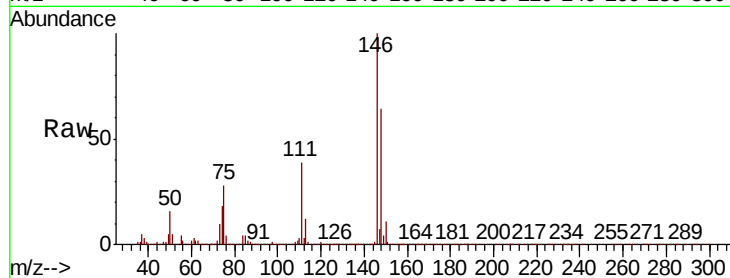
Tot Ion:146 Resp: 234658

Ion Ratio Lower Upper

146 100

111 37.8 19.3 57.9

148 64.2 32.2 96.6

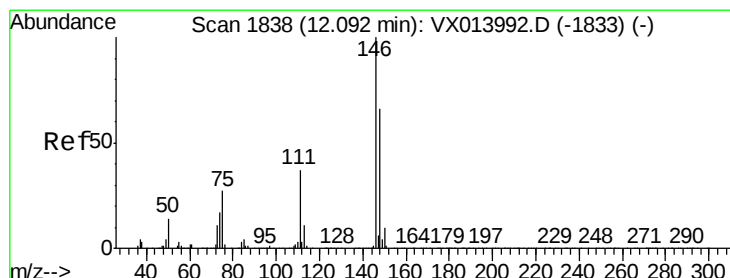
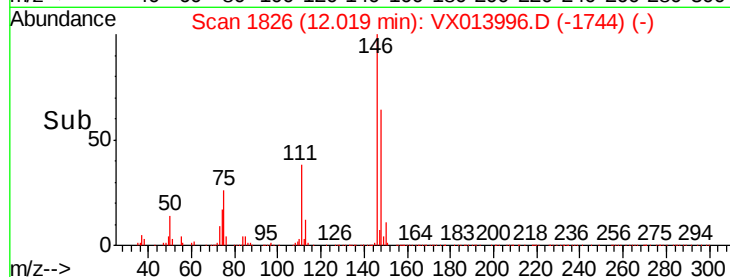
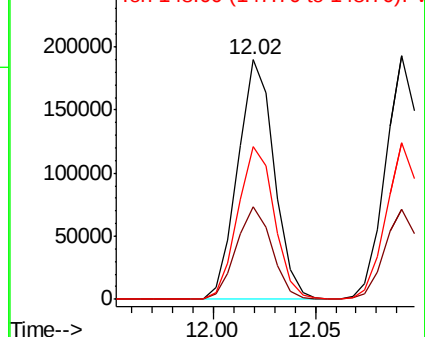


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.232 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

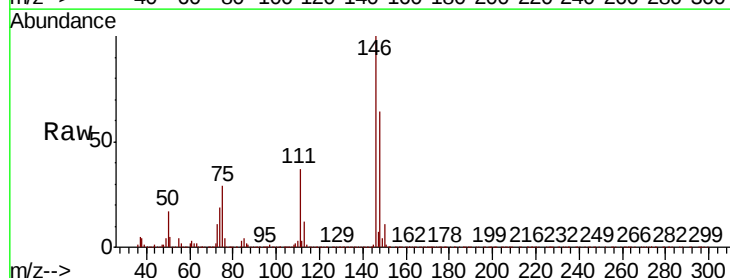
Tgt Ion:146 Resp: 229274

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.4

148 64.1 32.0 96.0

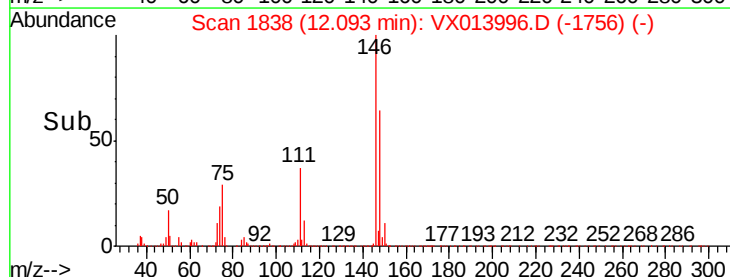
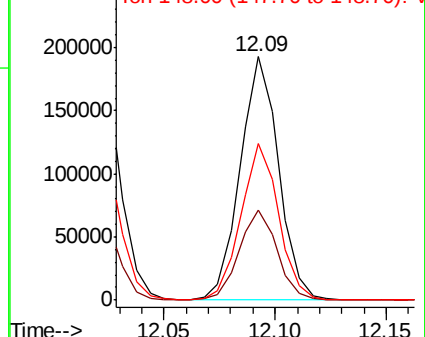


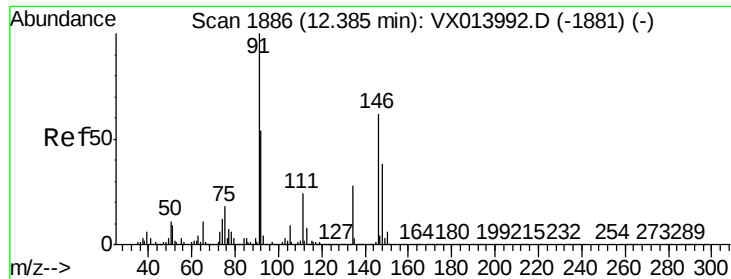
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

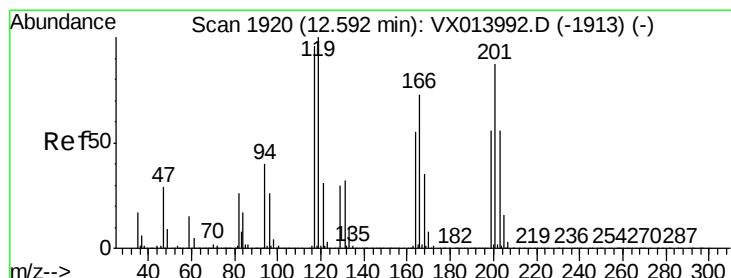
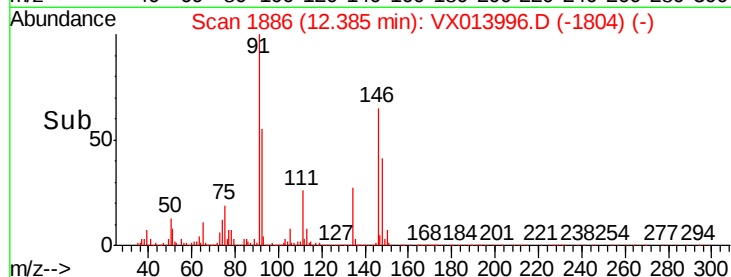
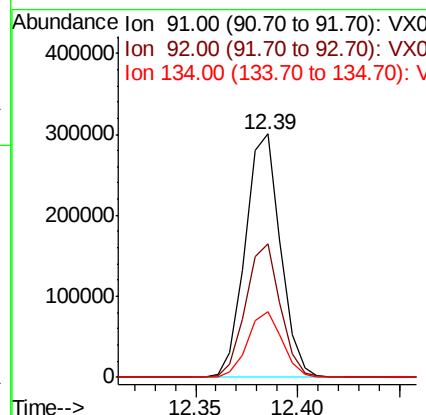
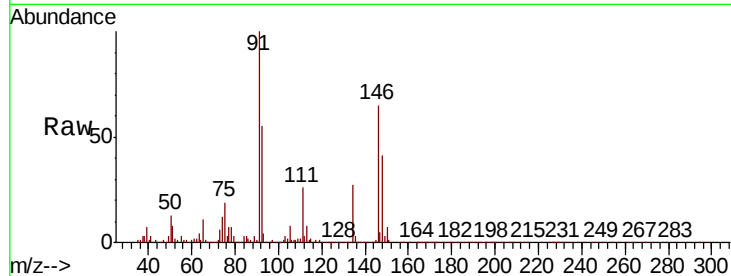




#85
n-Butylbenzene
Concen: 18.906 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

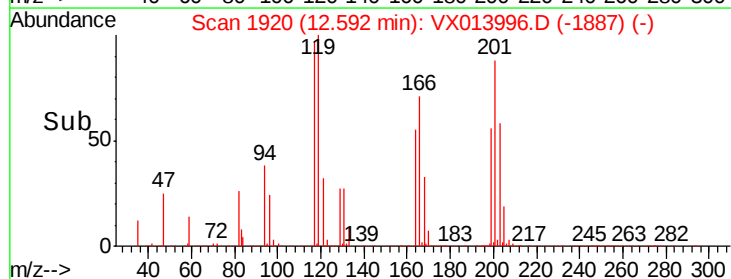
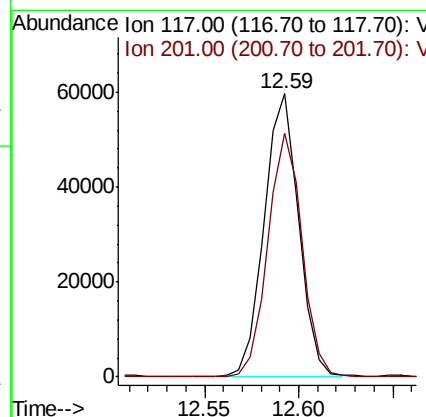
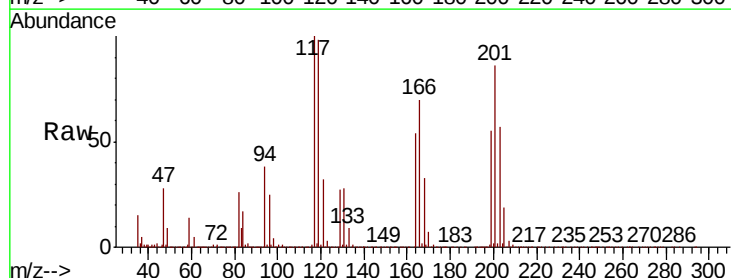
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

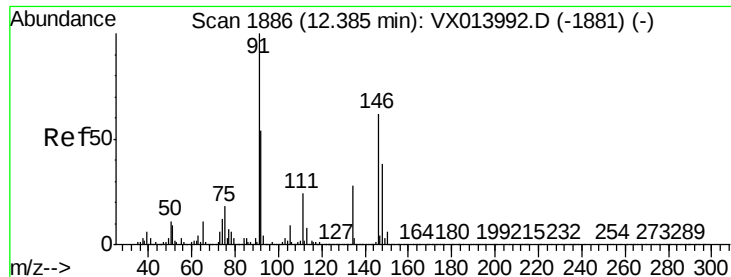
Tot Ion: 91 Resp: 358989
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.0
134 26.5 0.0 54.0



#86
Hexachloroethane
Concen: 18.368 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion: 117 Resp: 75250
Ion Ratio Lower Upper
117 100
201 85.3 44.8 134.3

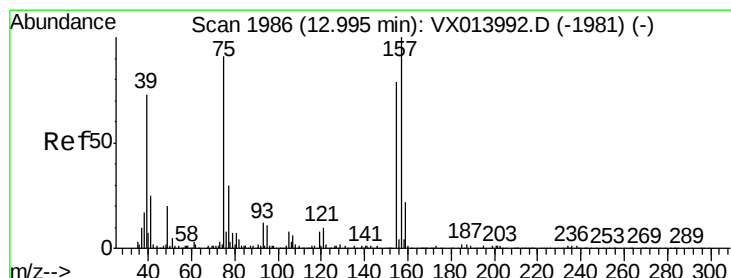
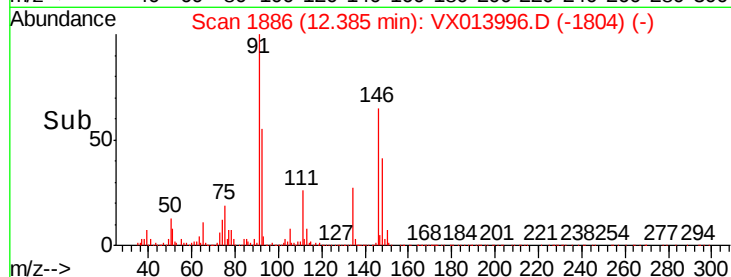
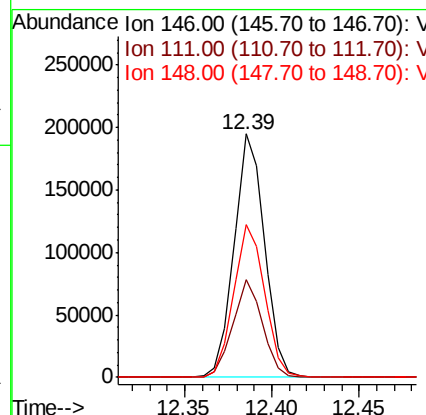
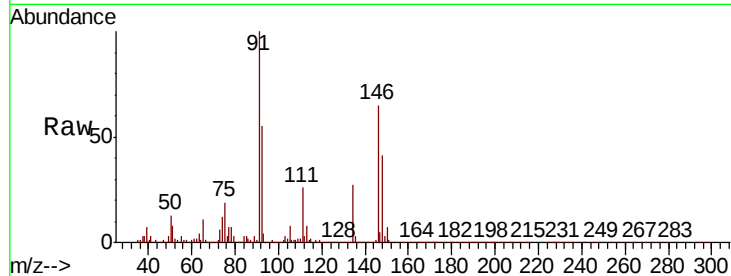




#87
 1,2-Dichlorobenzene
 Concen: 19.310 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

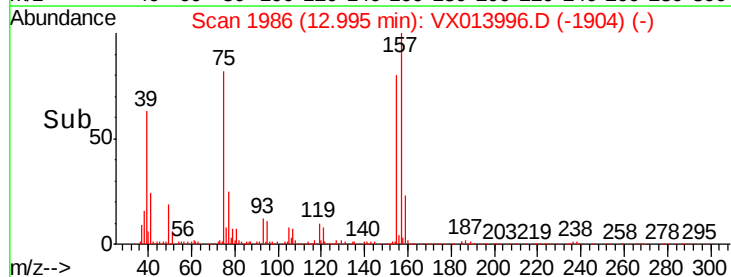
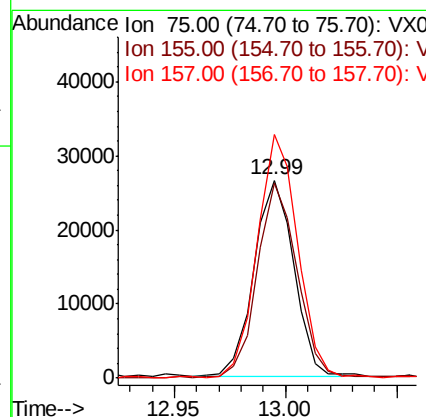
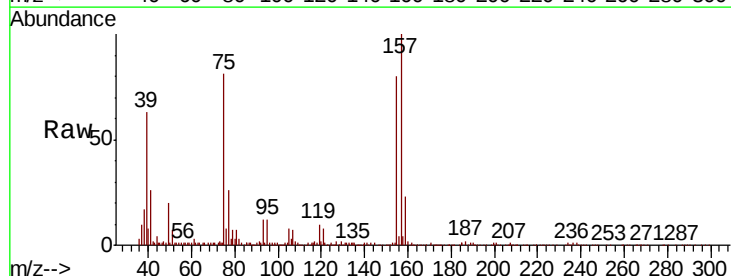
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

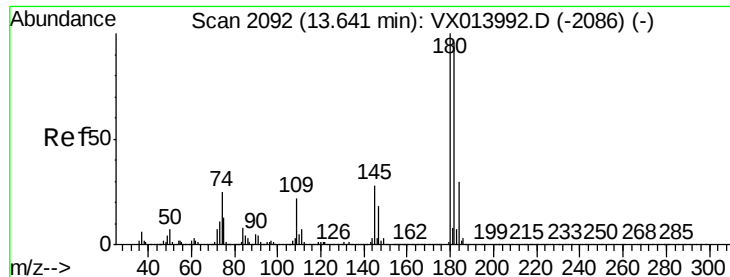
Tot Ion:146 Resp: 234822
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.1 60.2
 148 64.4 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.456 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion: 75 Resp: 33568
 Ion Ratio Lower Upper
 75 100
 155 97.9 73.8 110.6
 157 124.4 95.0 142.4

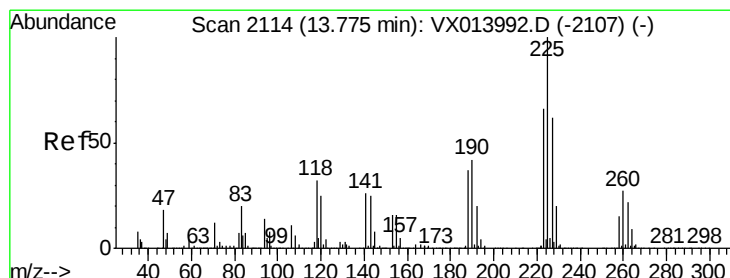
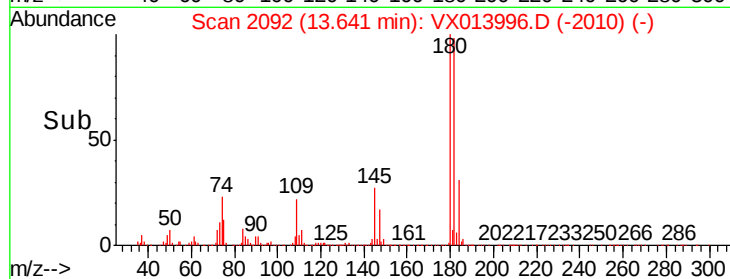
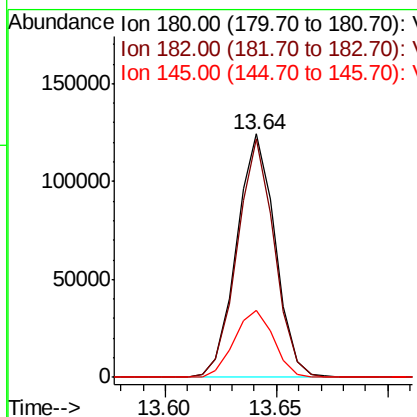
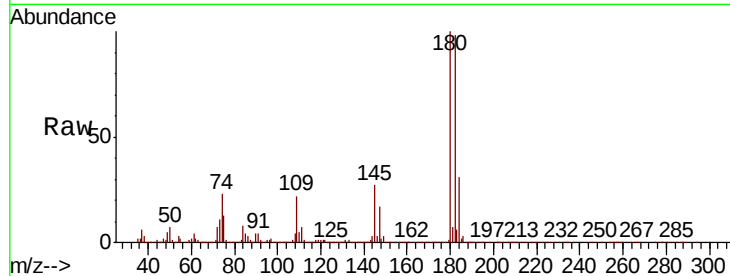




#89
 1,2,4-Trichlorobenzene
 Concen: 19.222 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

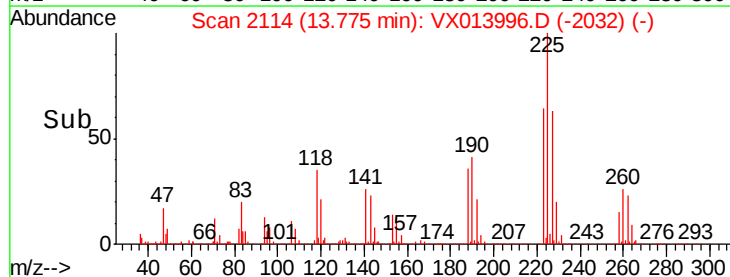
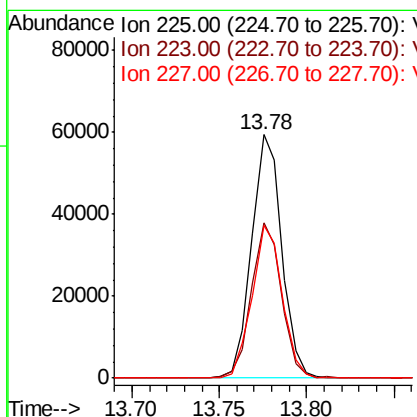
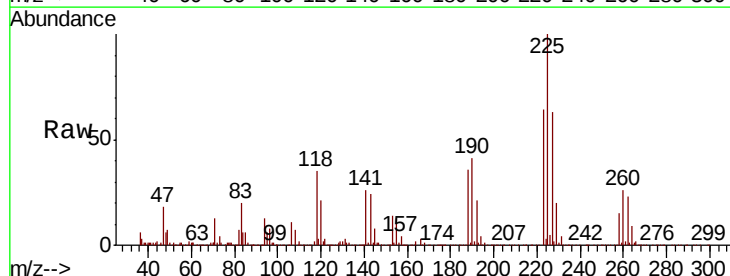
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

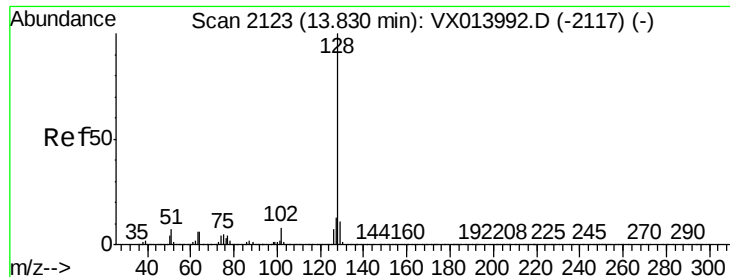
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	27.9	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 19.318 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	127.4
227	62.6	0.0	122.8

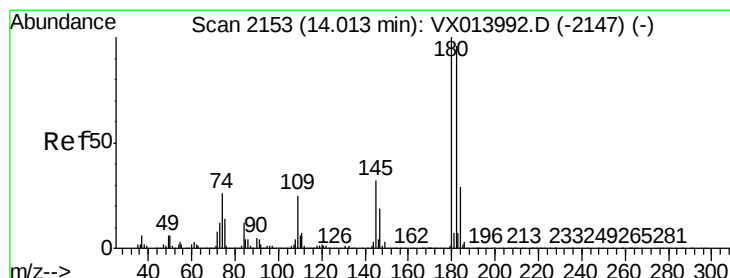
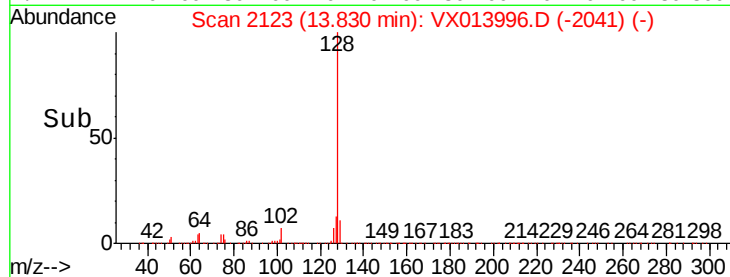
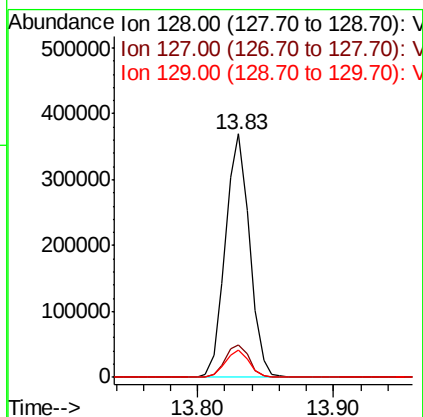
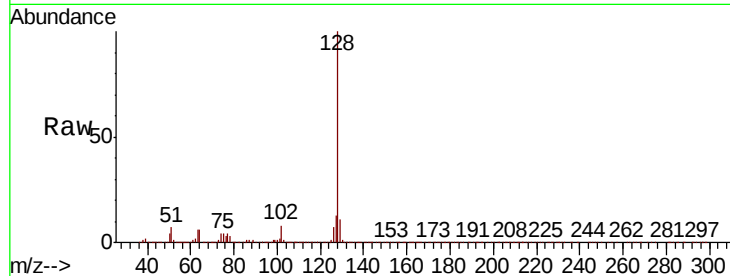




#91
Naphthalene
Concen: 19.544 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion:128 Resp: 456562
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.010 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion:180 Resp: 149858
Ion Ratio Lower Upper
180 100
182 97.9 0.0 192.8
145 30.4 0.0 60.0

