

Data File : VX012024.D
Acq On : 03 Sep 2019 15:44
Operator : SY/SP
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Quant Time: Sep 03 16:41:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	253370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	100011	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	5.48	113	83612	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.71	98	310455	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	11.13	95	133849	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	63723	50.421	ug/l	99
3) Chloromethane	1.31	50	68518	52.937	ug/l	98
4) Vinyl Chloride	1.39	62	64308	52.809	ug/l	98
5) Bromomethane	1.62	94	40360	66.812	ug/l	97
6) Chloroethane	1.71	64	40586	53.613	ug/l	99
7) Trichlorofluoromethane	1.92	101	101073	53.439	ug/l	97
8) Diethyl Ether	2.17	74	35689	54.603	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72864	52.012	ug/l #	84
10) Methyl Iodide	2.50	142	63777	45.670	ug/l	94
11) Tert butyl alcohol	3.03	59	38727	213.216	ug/l	96
12) 1,1-Dichloroethene	2.36	96	70851	52.501	ug/l	90
13) Acrolein	2.28	56	10654	230.759	ug/l	96
14) Allyl chloride	2.71	41	133596	54.710	ug/l	99
15) Acrylonitrile	3.12	53	100360	244.352	ug/l	99
16) Acetone	2.43	43	122031	269.984	ug/l	100
17) Carbon Disulfide	2.56	76	226133	57.336	ug/l	100
18) Methyl Acetate	2.76	43	49472	46.462	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	224299	51.052	ug/l	100
20) Methylene Chloride	2.84	84	87106	47.991	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	84904	53.613	ug/l	93
22) Diisopropyl ether	3.84	45	261171	52.473	ug/l	97
23) Vinyl Acetate	3.80	43	848390	263.498	ug/l	99
24) 1,1-Dichloroethane	3.68	63	151723	52.560	ug/l	98
25) 2-Butanone	4.65	43	149505	259.849	ug/l	98
26) 2,2-Dichloropropane	4.56	77	143571	53.870	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	97790	52.679	ug/l	92
28) Bromochloromethane	5.00	49	57281	49.711	ug/l #	80
29) Tetrahydrofuran	5.11	42	83127	239.800	ug/l	97
30) Chloroform	5.19	83	162802	52.560	ug/l	97
31) Cyclohexane	5.56	56	120837	52.121	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	141795	52.561	ug/l	97
36) 1,1-Dichloropropene	5.78	75	115009	51.538	ug/l	97
37) Ethyl Acetate	4.81	43	60107	49.532	ug/l	98
38) Carbon Tetrachloride	5.77	117	121220	51.551	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	132733	51.249	ug/l	97
40) Benzene	6.12	78	340329	53.124	ug/l	98
41) Methacrylonitrile	5.02	41	36043	49.806	ug/l	98
42) 1,2-Dichloroethane	6.17	62	120987	52.479	ug/l	98
43) Isopropyl Acetate	6.43	43	122123	49.494	ug/l	99
44) Trichloroethene	7.20	130	89963	52.064	ug/l	83
45) 1,2-Dichloropropane	7.50	63	87423	52.818	ug/l	95
46) Dibromomethane	7.65	93	50831	52.608	ug/l #	73
47) Bromodichloromethane	7.89	83	127783	52.029	ug/l	97
48) Methyl methacrylate	7.76	41	61062	49.218	ug/l	98
49) 1,4-Dioxane	7.73	88	15368	908.665	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	298979	238.223	ug/l	100
52) Toluene	8.78	92	221361	53.106	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	133899	52.660	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149810	52.982	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	68954	49.917	ug/l	98
56) Ethyl methacrylate	9.17	69	100170	50.625	ug/l	97
57) 1,3-Dichloropropane	9.36	76	121852	51.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	202351	226.837	ug/l	94
59) 2-Hexanone	9.48	43	230643	251.857	ug/l	98
60) Dibromochloromethane	9.57	129	84541	51.351	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68352	51.207	ug/l	98
64) Tetrachloroethene	9.33	164	72322	49.931	ug/l #	89
65) Chlorobenzene	10.14	112	235976	51.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	86020	51.320	ug/l	97
67) Ethyl Benzene	10.25	91	433567	51.888	ug/l	96
68) m/p-Xylenes	10.36	106	320100	103.976	ug/l	91
69) o-Xylene	10.70	106	155756	52.175	ug/l	92
70) Styrene	10.71	104	271230	52.308	ug/l	96
71) Bromoform	10.85	173	46478	50.486	ug/l	97
73) Isopropylbenzene	11.01	105	417426	50.912	ug/l	96
74) N-amyl acetate	10.89	43	119473	49.284	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	81329	47.581	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	91731	67.184	ug/l	77
77) Bromobenzene	11.25	156	93501	50.990	ug/l #	68
78) n-propylbenzene	11.35	91	499568	50.434	ug/l	95
79) 2-Chlorotoluene	11.42	91	304403	50.726	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	366451	51.002	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	27981	48.450	ug/l	96
82) 4-Chlorotoluene	11.51	91	364833	51.008	ug/l	91
83) tert-Butylbenzene	11.76	119	349219	50.994	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	385352	52.183	ug/l	93
85) sec-Butylbenzene	11.94	105	433279	50.938	ug/l	94
86) p-Isopropyltoluene	12.06	119	400015	51.710	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	187487	51.025	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	186845	50.856	ug/l	95
89) n-Butylbenzene	12.39	91	385224	51.263	ug/l	96
90) Hexachloroethane	12.59	117	76019	49.217	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	167994	50.765	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17179	48.029	ug/l	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090319\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121330	51.511	ug/l	95
94) Hexachlorobutadiene	13.78	225	59946	50.488	ug/l	99
95) Naphthalene	13.83	128	262825	51.557	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108228	52.228	ug/l	95

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

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Sample : VSTDICV050

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```
ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

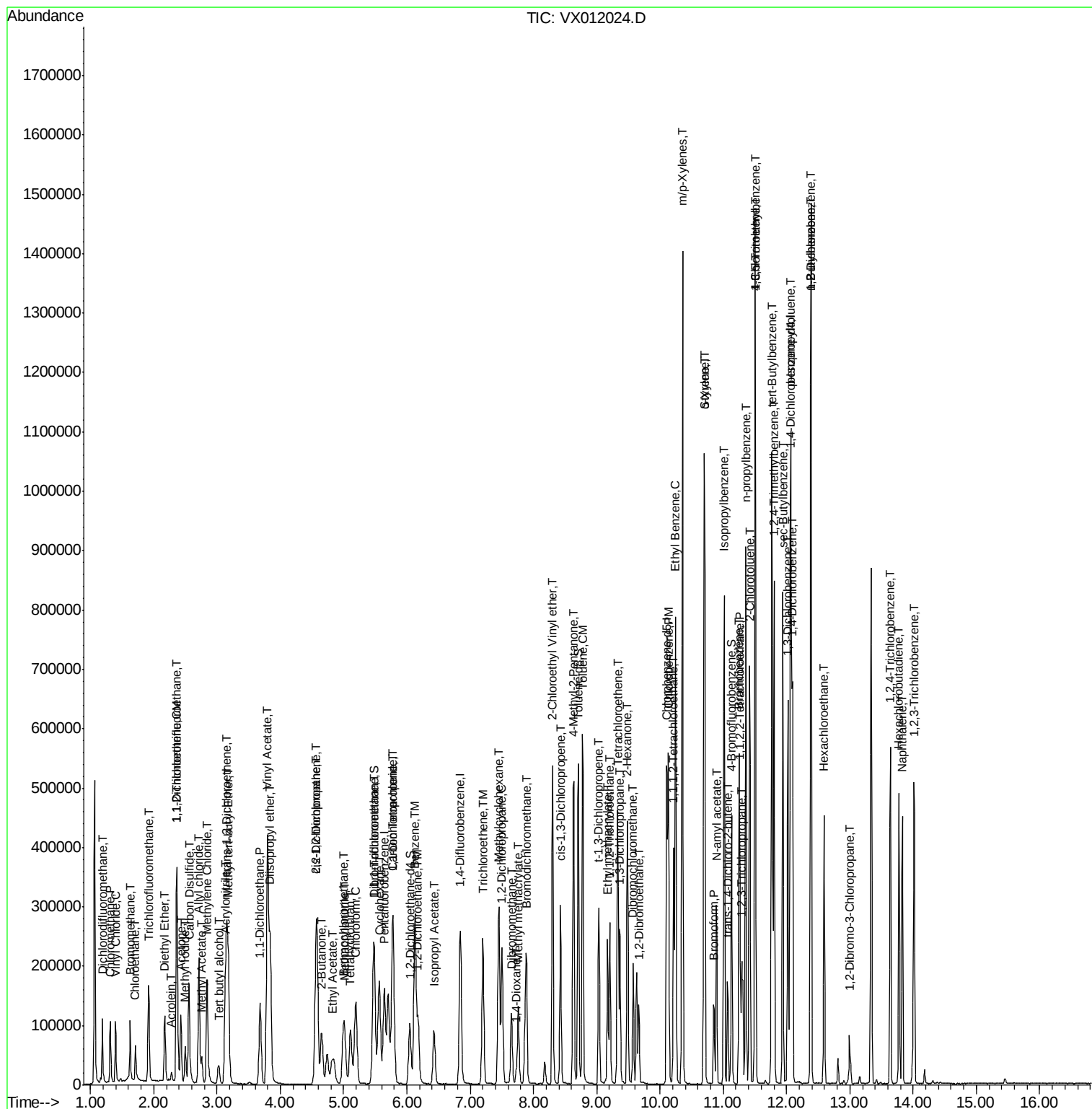
Quant Time: Sep 03 16:41:30 2019

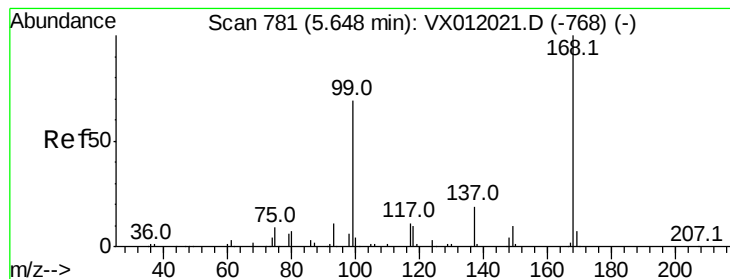
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\82X090319S.M

Quant Title : SW846 8260

QLast Update : Tue Sep 03 15:26:48 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

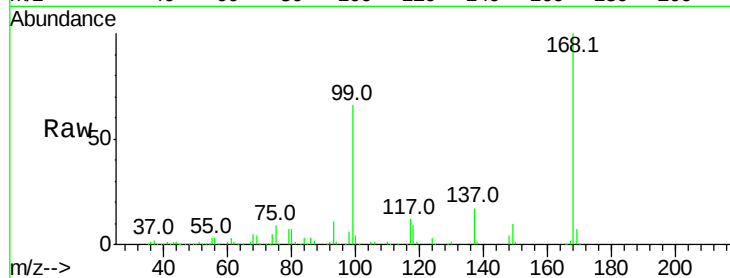
ICVVX090319

Tgt Ion:168 Resp: 137050

Ion Ratio Lower Upper

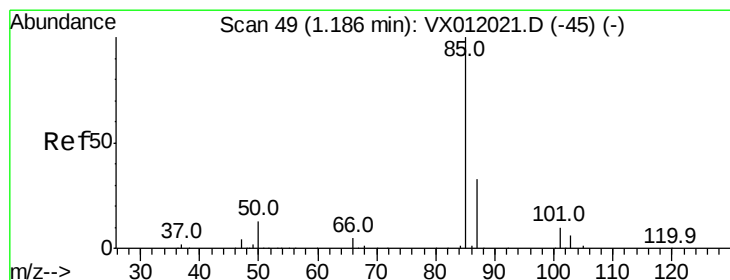
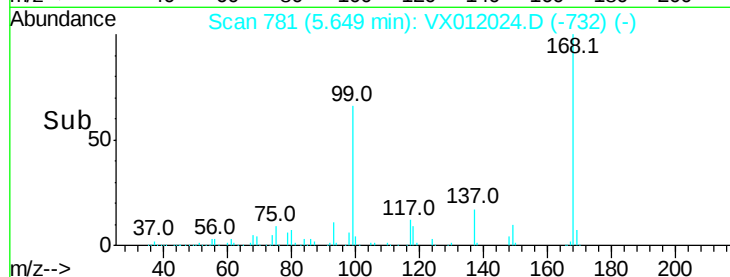
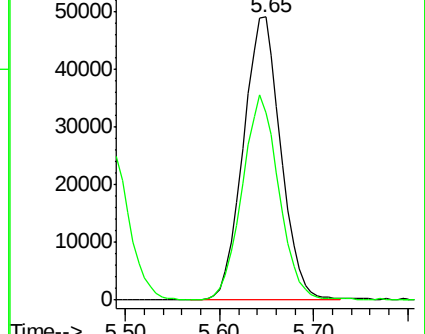
168 100

99 65.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.421 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012024.D

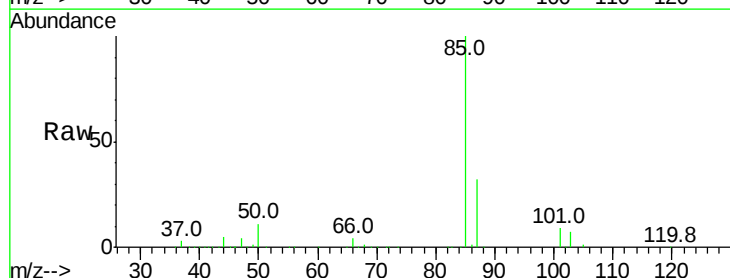
Acq: 03 Sep 2019 15:44

Tgt Ion: 85 Resp: 63723

Ion Ratio Lower Upper

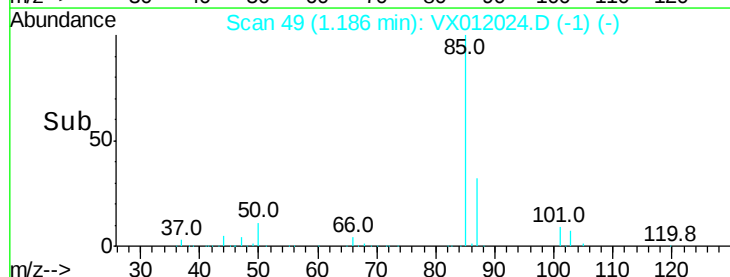
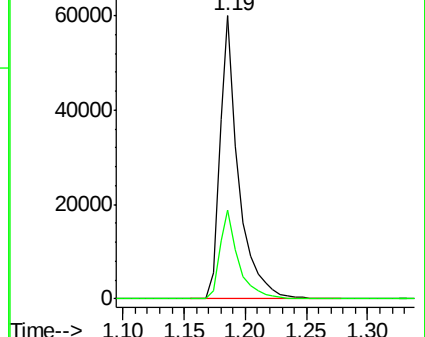
85 100

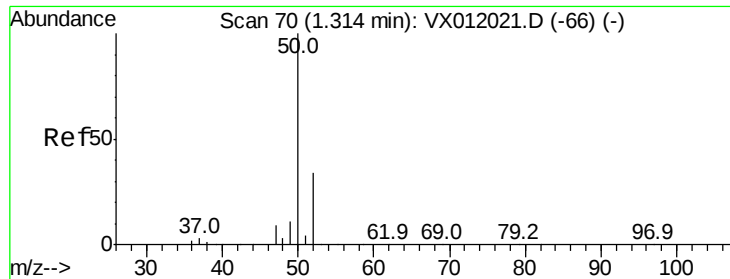
87 31.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.937 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

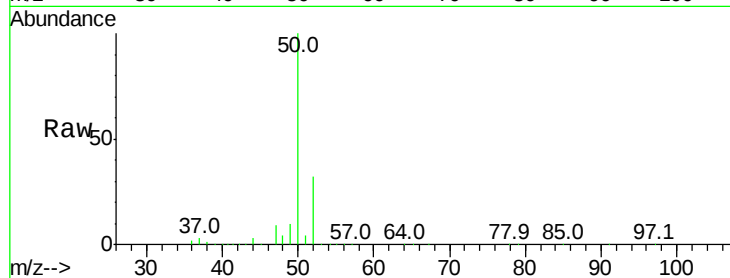
ICVVX090319

Tgt Ion: 50 Resp: 68518

Ion Ratio Lower Upper

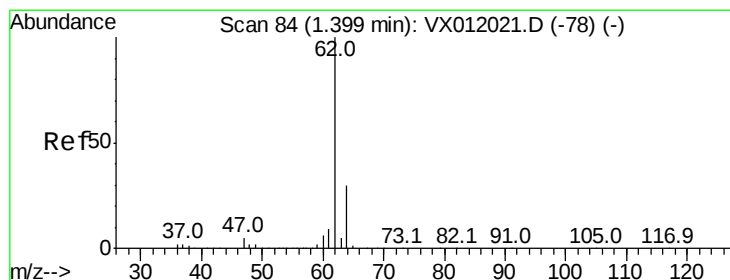
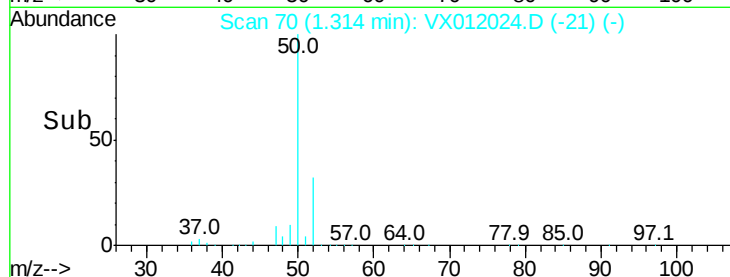
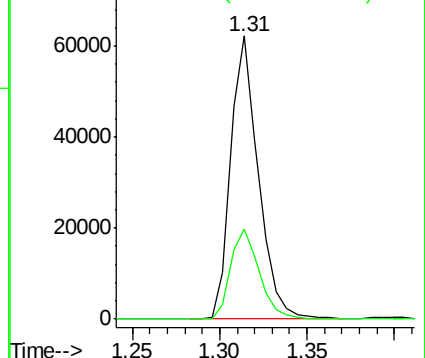
50 100

52 31.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.809 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012024.D

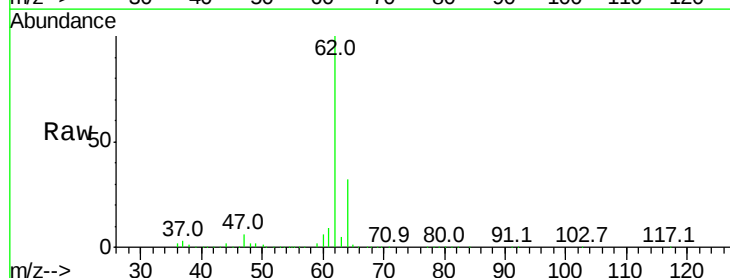
Acq: 03 Sep 2019 15:44

Tgt Ion: 62 Resp: 64308

Ion Ratio Lower Upper

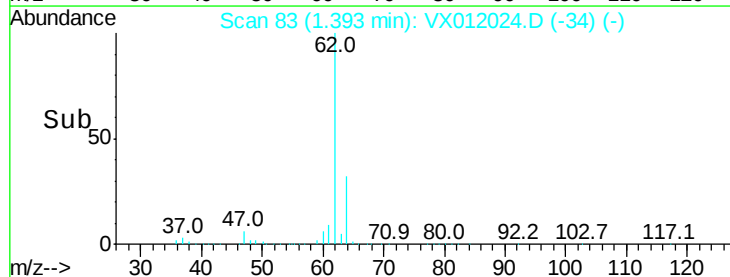
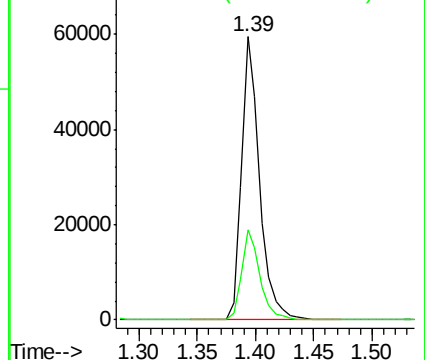
62 100

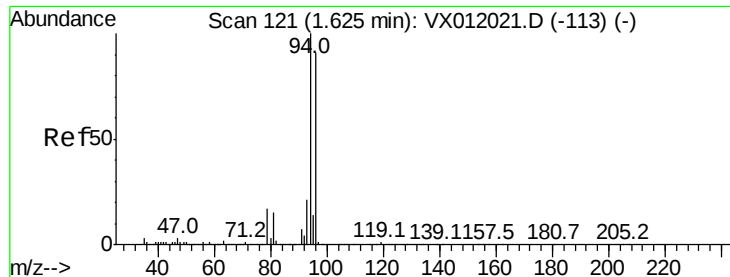
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 66.812 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

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ClientSampleId :

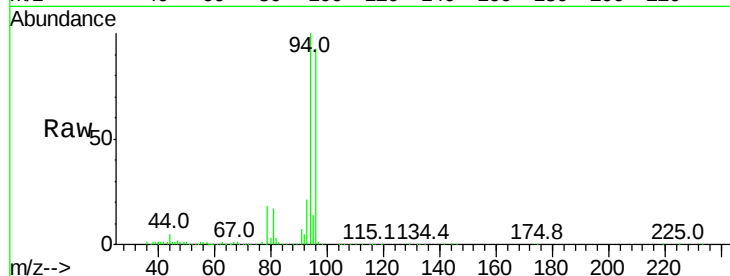
ICVVX090319

Tgt Ion: 94 Resp: 40360

Ion Ratio Lower Upper

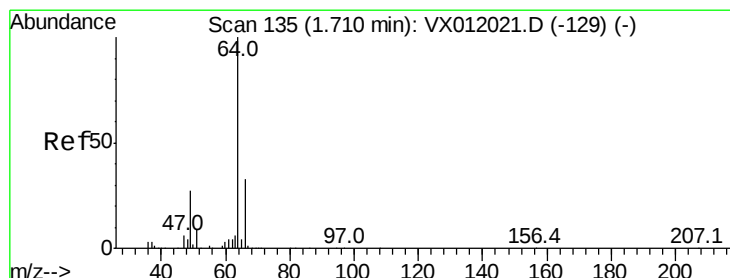
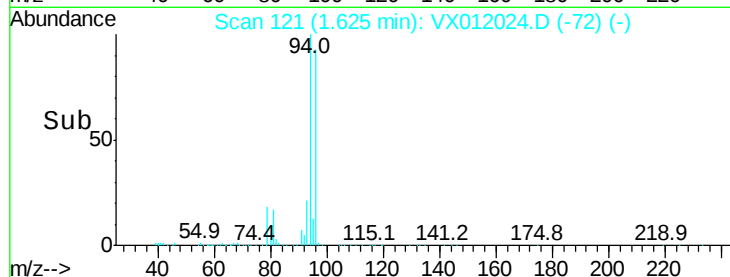
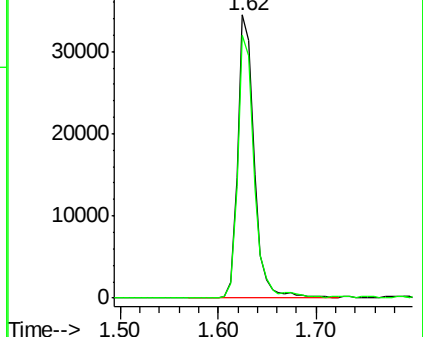
94 100

96 92.7 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.613 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012024.D

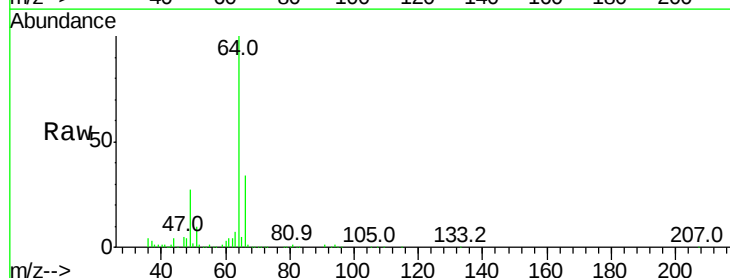
Acq: 03 Sep 2019 15:44

Tgt Ion: 64 Resp: 40586

Ion Ratio Lower Upper

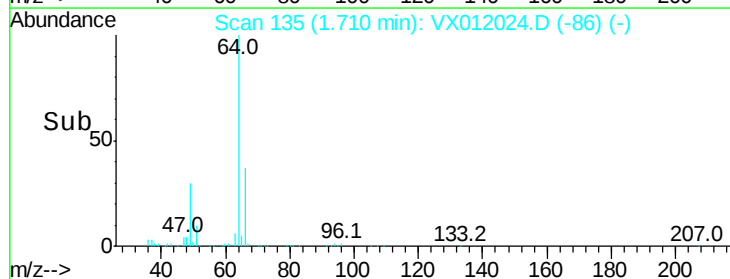
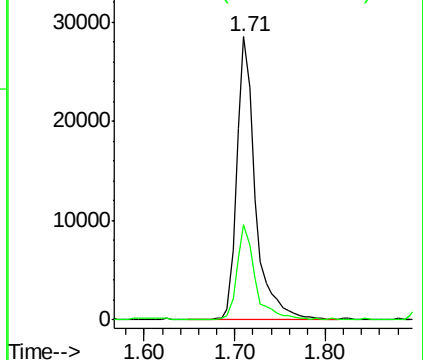
64 100

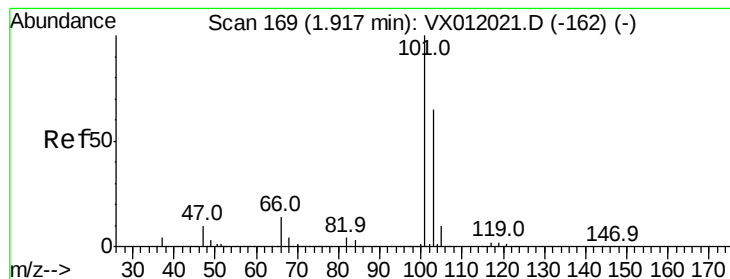
66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



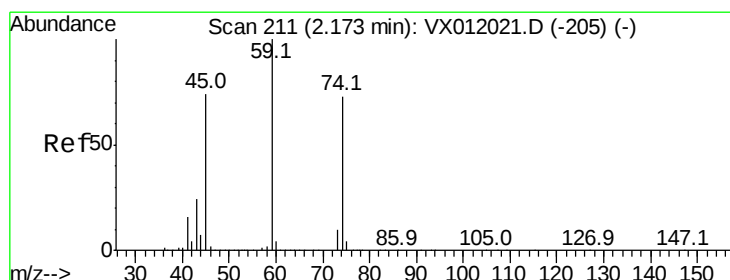
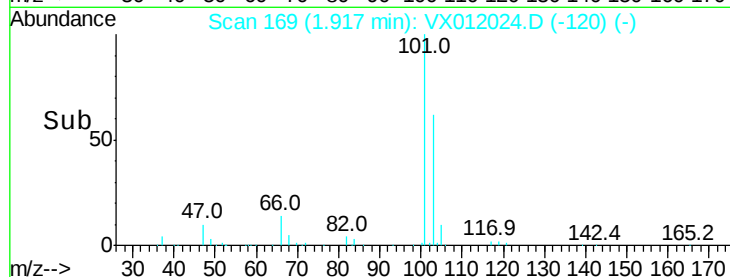
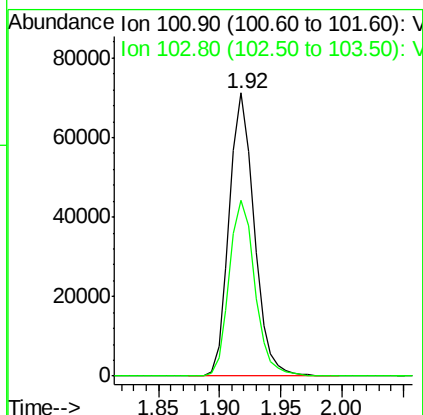
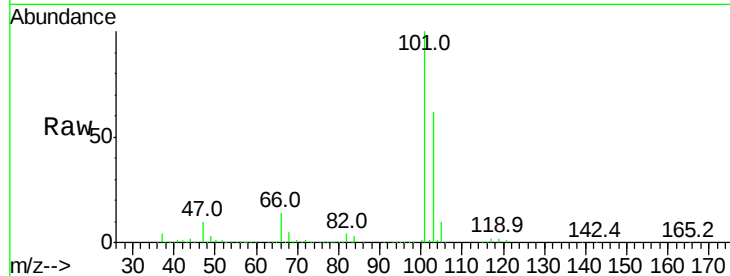


#7

Trichlorofluoromethane
Concen: 53.439 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
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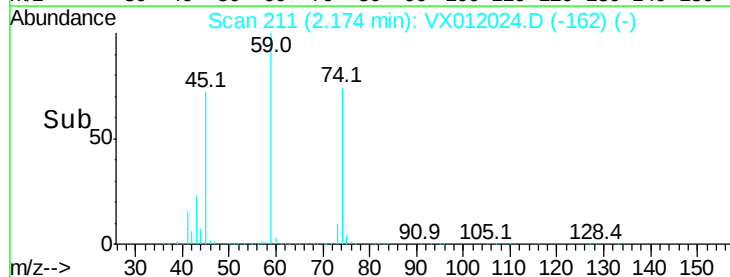
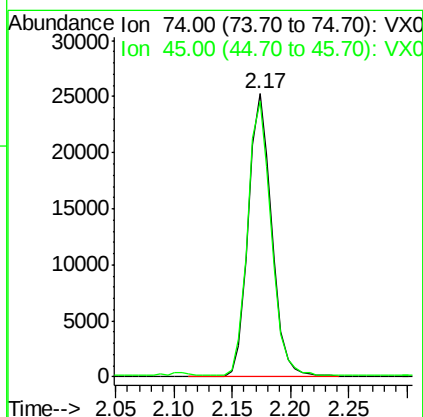
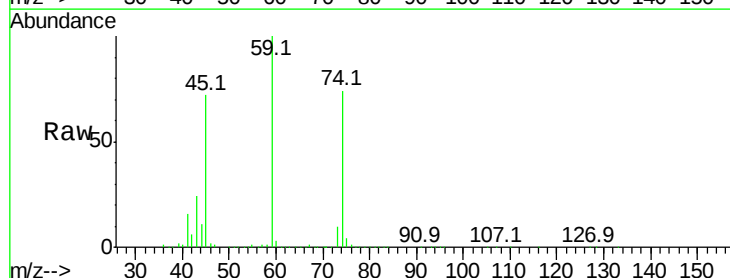
Tgt Ion:101 Resp: 101073
Ion Ratio Lower Upper
101 100
103 62.0 51.6 77.4

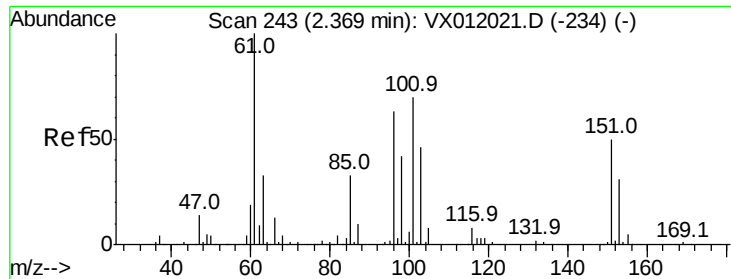


#8

Diethyl Ether
Concen: 54.603 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 74 Resp: 35689
Ion Ratio Lower Upper
74 100
45 96.9 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.012 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012024.D

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MSVOA_X

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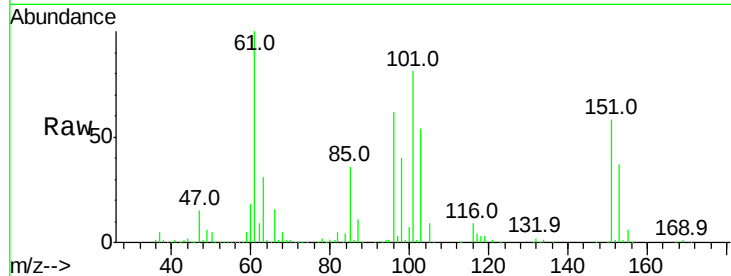
Tgt Ion:101 Resp: 72864

Ion Ratio Lower Upper

101 100

85 45.3 34.5 51.7

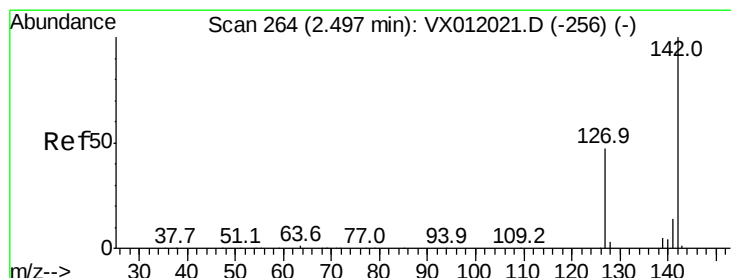
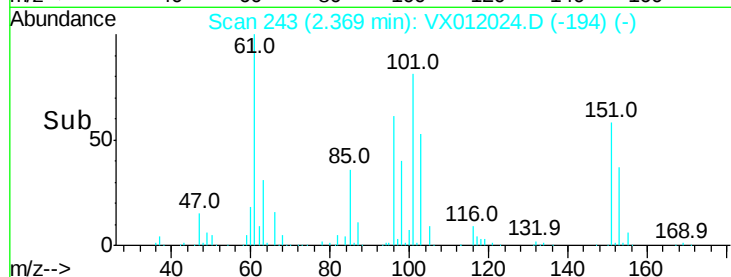
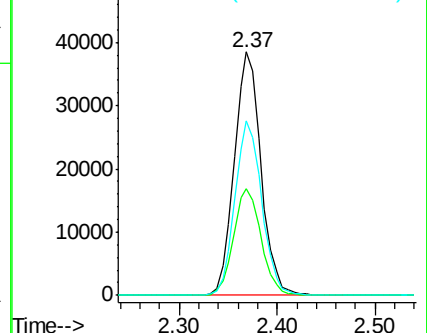
151 72.2 75.0 112.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.670 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

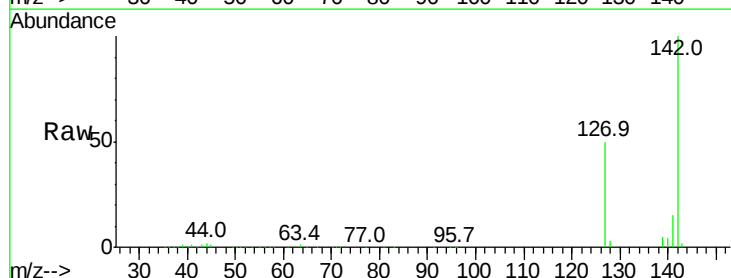
Tgt Ion:142 Resp: 63777

Ion Ratio Lower Upper

142 100

127 48.9 35.4 53.2

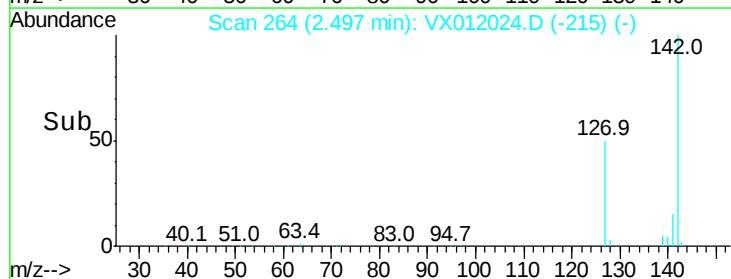
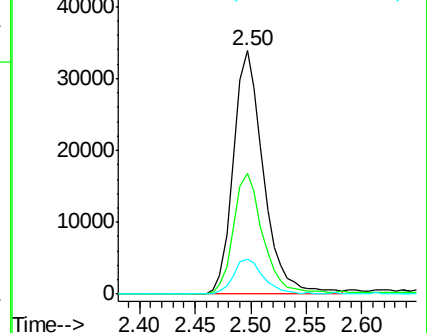
141 14.7 11.4 17.2

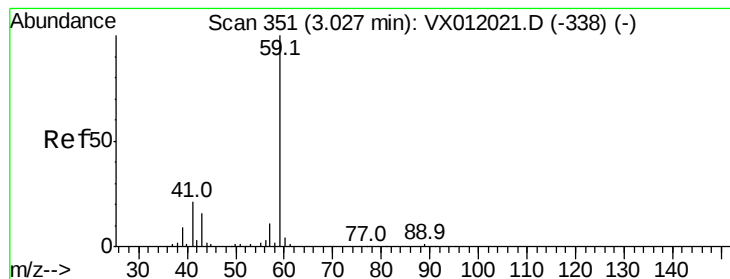


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



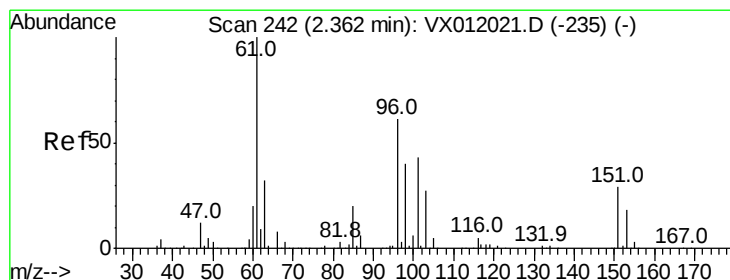
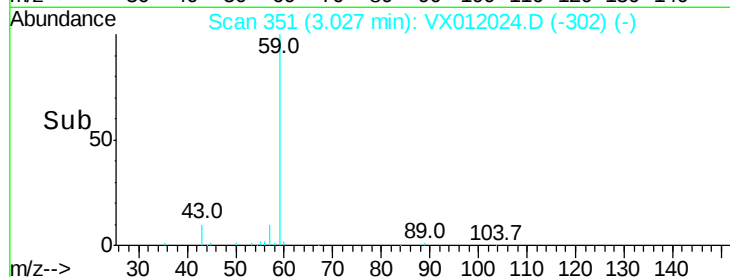
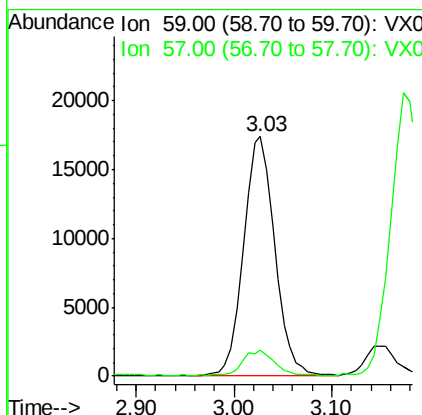
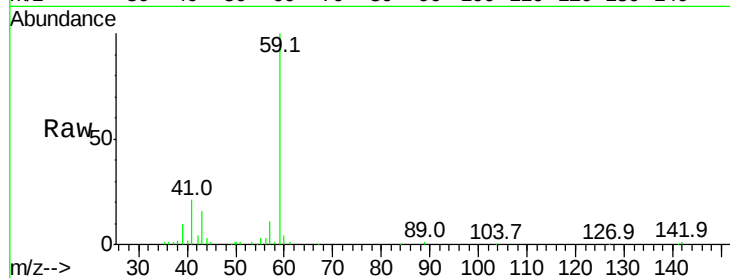


#11

Tert butyl alcohol
 Concen: 213.216 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

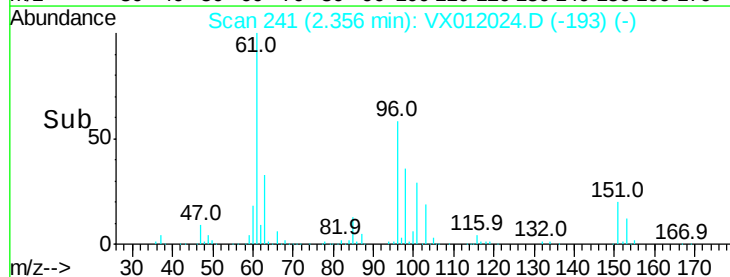
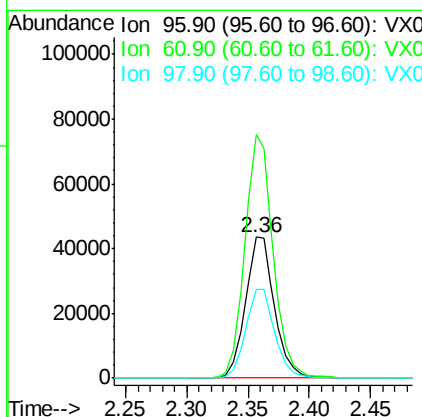
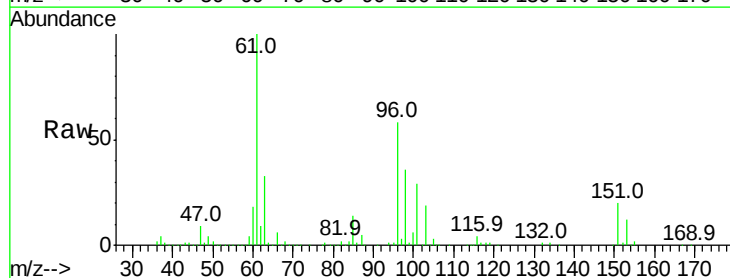
Tgt Ion: 59 Resp: 38727
 Ion Ratio Lower Upper
 59 100
 57 11.4 7.9 11.9

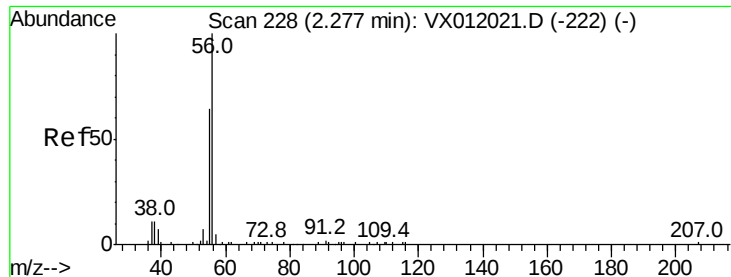


#12

1,1-Dichloroethene
 Concen: 52.501 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion: 96 Resp: 70851
 Ion Ratio Lower Upper
 96 100
 61 172.9 124.1 186.1
 98 62.9 50.2 75.2





#13

Acrolein

Concen: 230.759 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

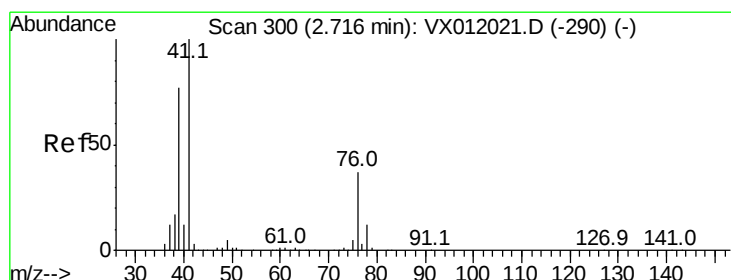
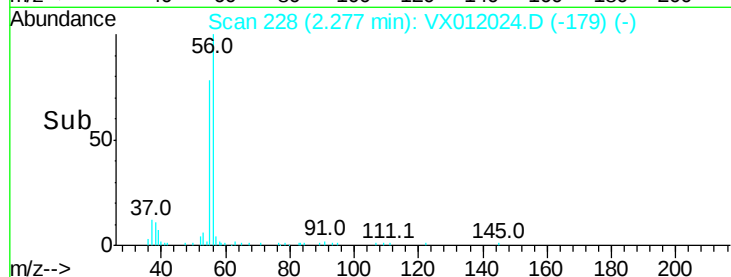
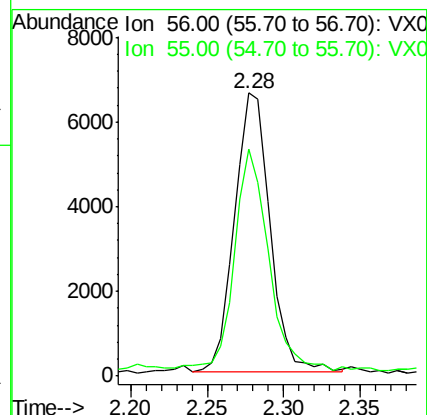
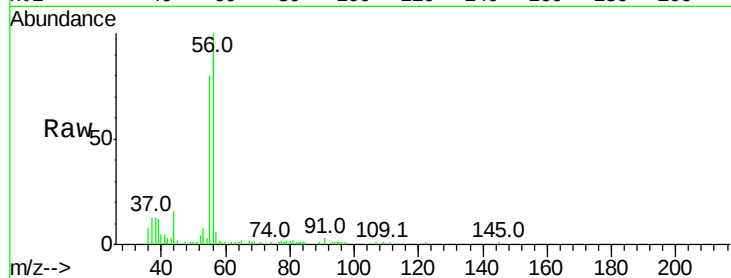
ICVVX090319

Tgt Ion: 56 Resp: 10654

Ion Ratio Lower Upper

56 100

55 77.2 59.2 88.8



#14

Allyl chloride

Concen: 54.710 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

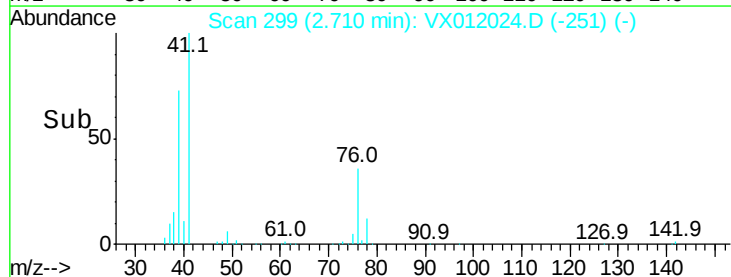
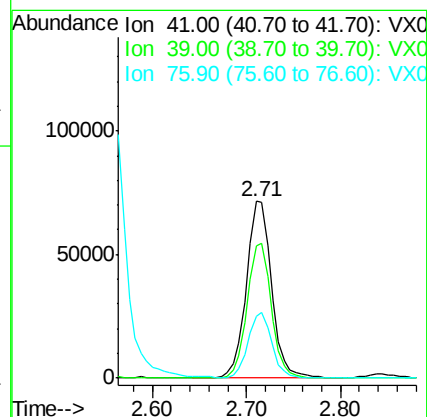
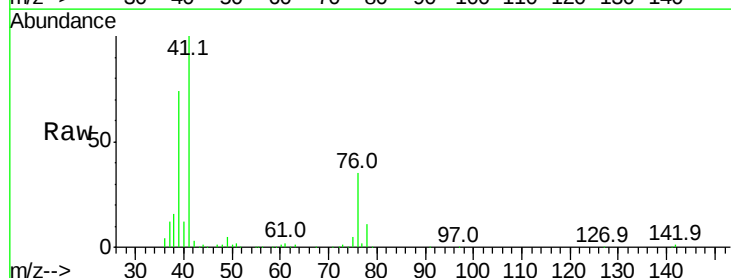
Tgt Ion: 41 Resp: 133596

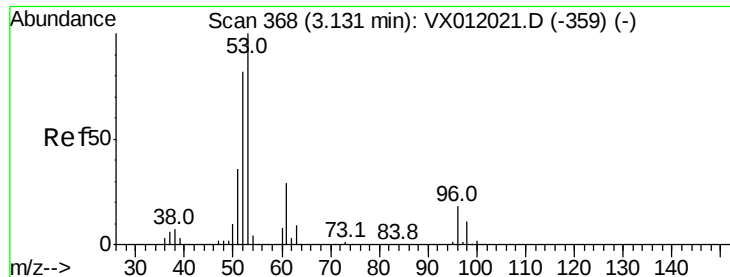
Ion Ratio Lower Upper

41 100

39 72.9 57.9 86.9

76 35.1 28.5 42.7





#15

Acrylonitrile

Concen: 244.352 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

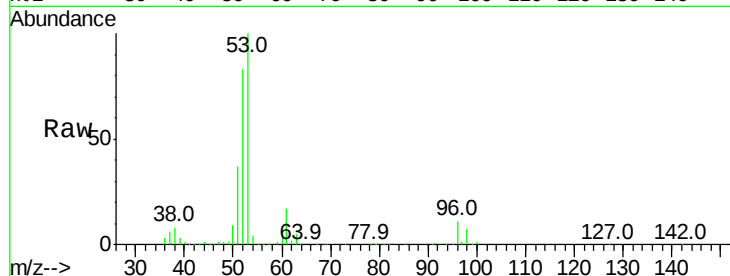
Tgt Ion: 53 Resp: 100360

Ion Ratio Lower Upper

53 100

52 82.3 65.6 98.4

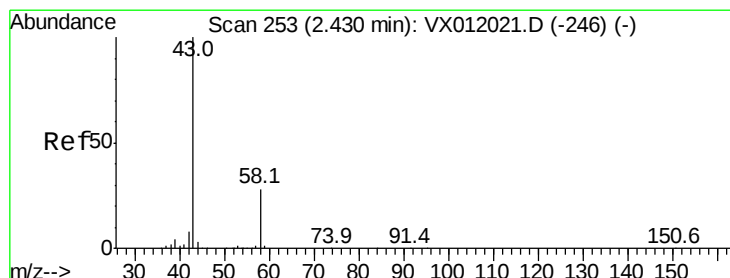
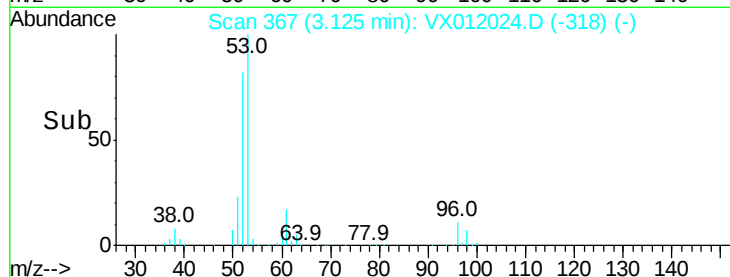
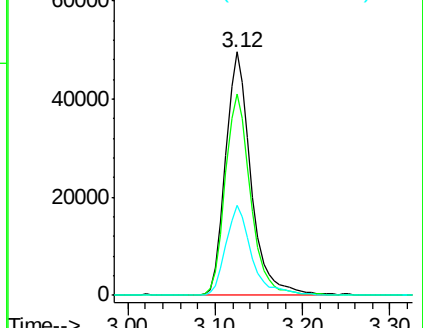
51 37.8 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 269.984 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012024.D

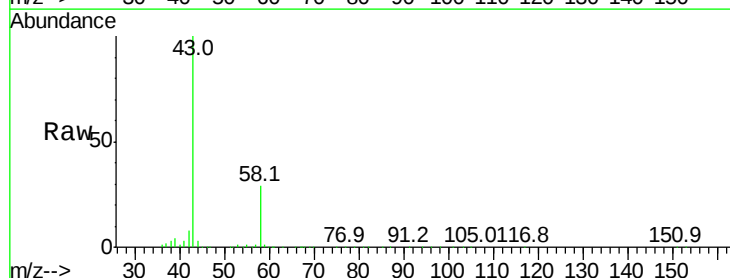
Acq: 03 Sep 2019 15:44

Tgt Ion: 43 Resp: 122031

Ion Ratio Lower Upper

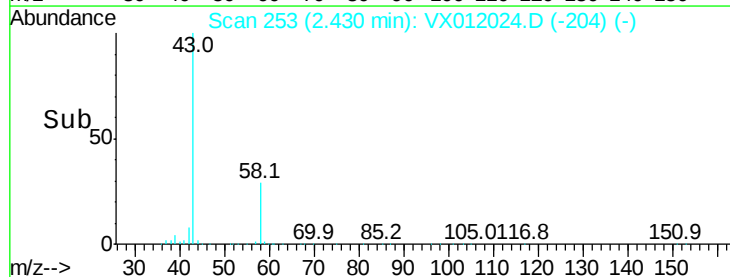
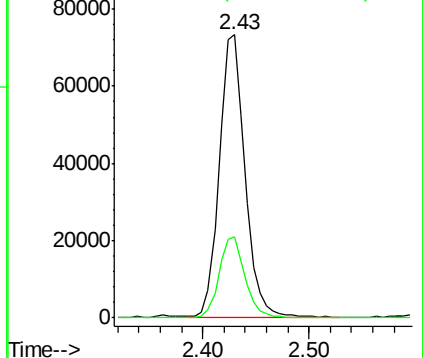
43 100

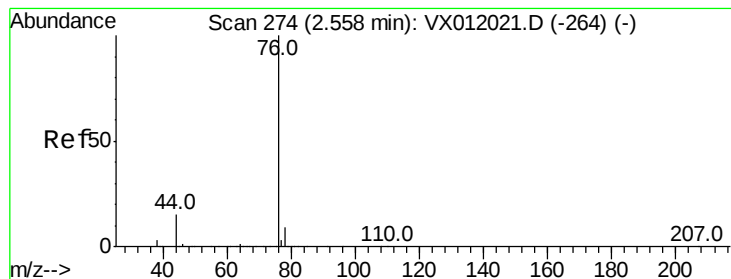
58 28.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 57.336 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

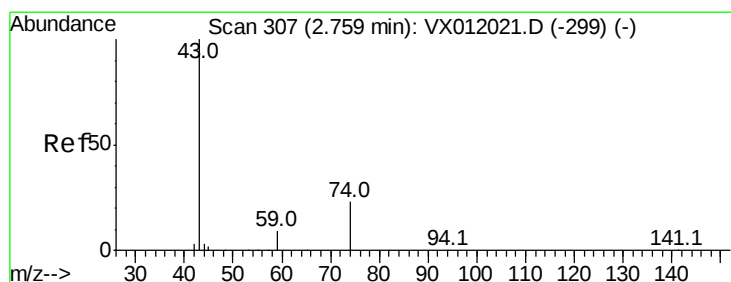
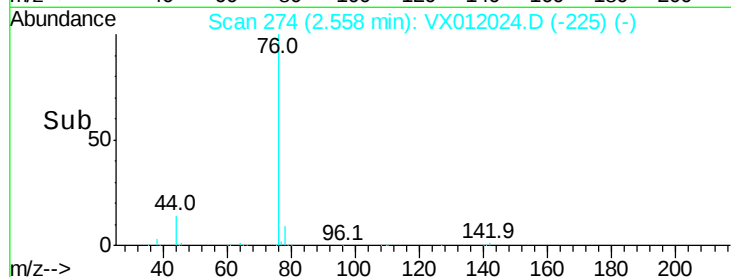
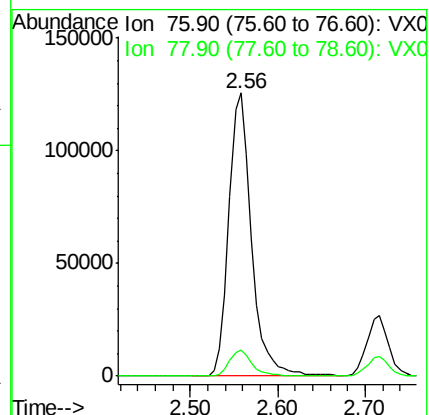
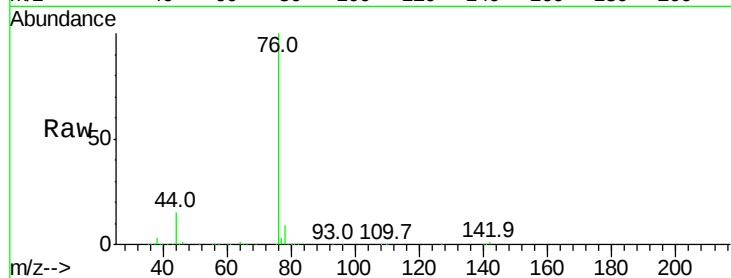
ICVVX090319

Tgt Ion: 76 Resp: 226133

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 46.462 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012024.D

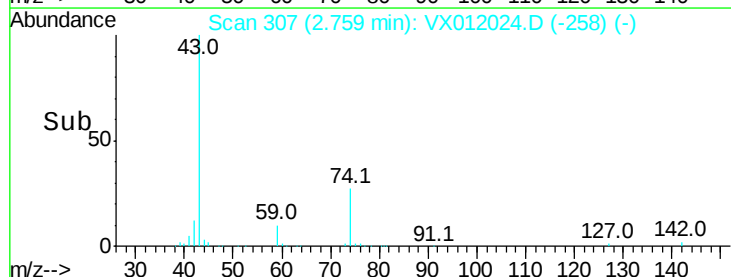
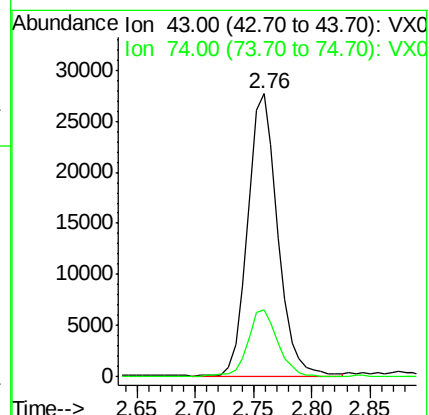
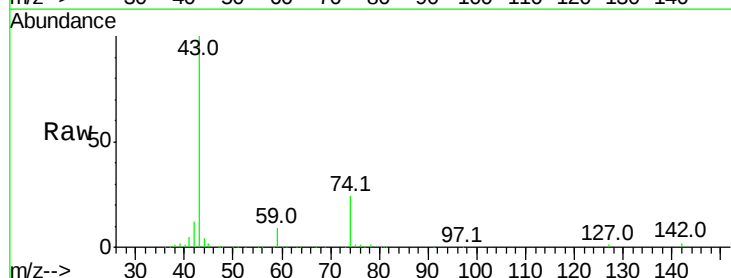
Acq: 03 Sep 2019 15:44

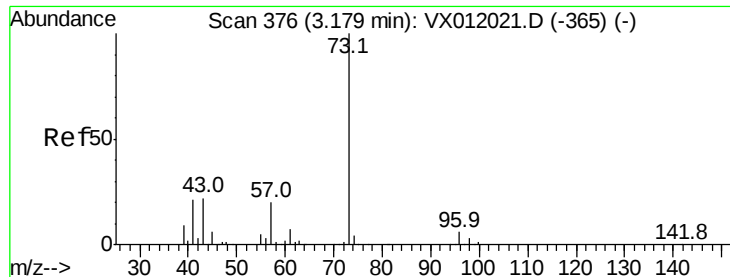
Tgt Ion: 43 Resp: 49472

Ion Ratio Lower Upper

43 100

74 24.5 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 51.052 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

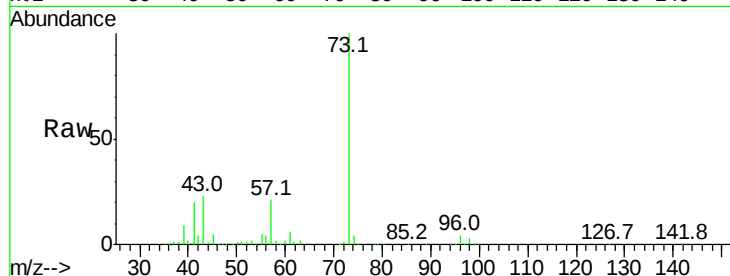
ICVVX090319

Tgt Ion: 73 Resp: 224299

Ion Ratio Lower Upper

73 100

57 20.9 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

100000

80000

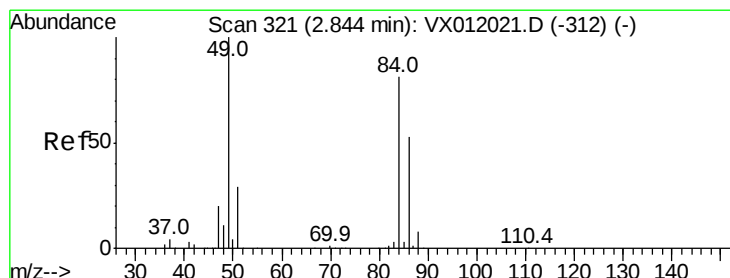
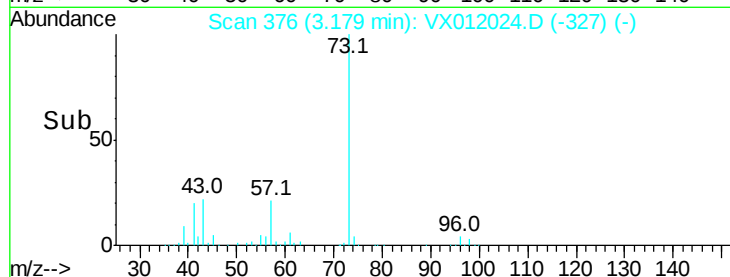
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 47.991 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion: 84 Resp: 87106

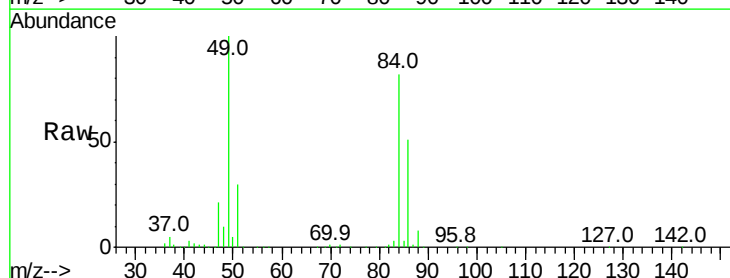
Ion Ratio Lower Upper

84 100

49 122.3 95.8 143.8

51 36.6 28.6 43.0

86 62.9 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

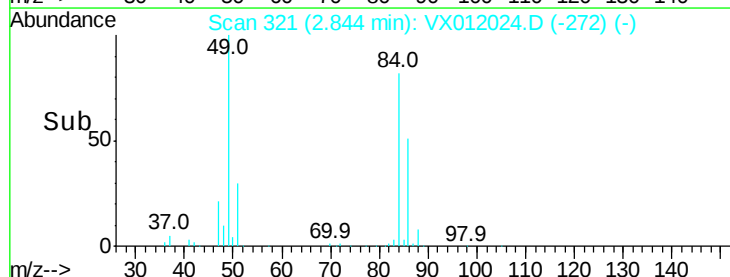
60000

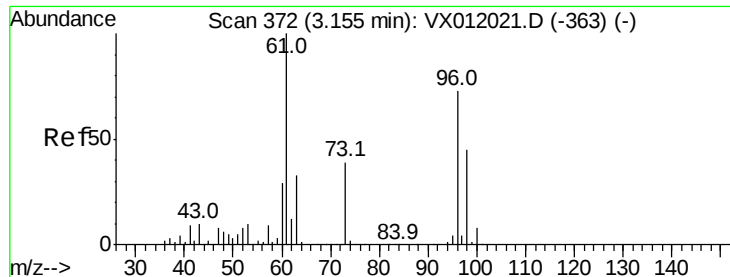
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 53.613 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

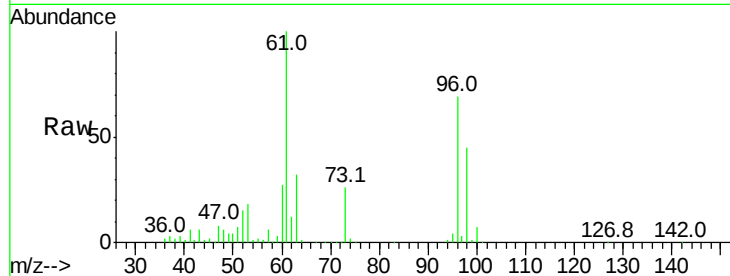
Tgt Ion: 96 Resp: 84904

Ion Ratio Lower Upper

96 100

61 144.5 107.0 160.6

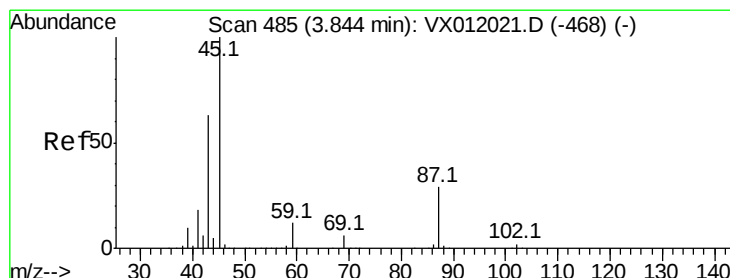
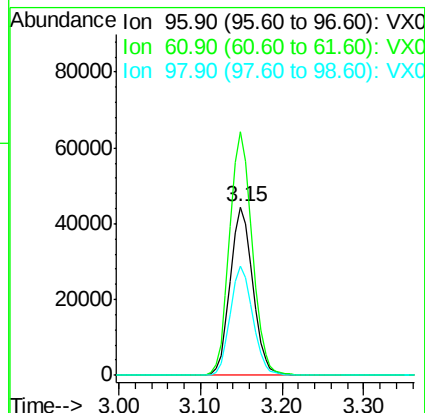
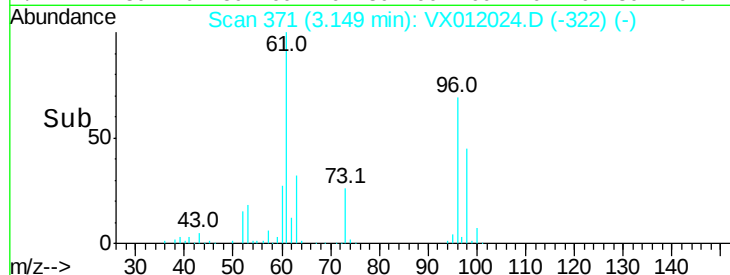
98 64.6 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.473 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion: 45 Resp: 261171

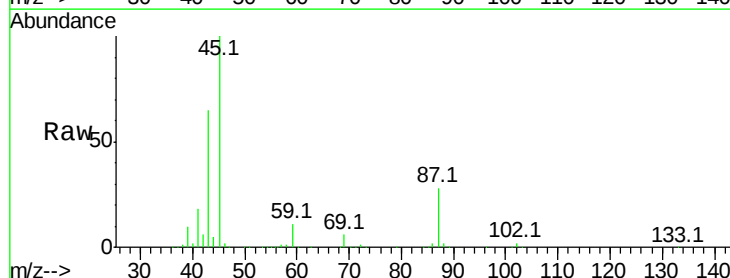
Ion Ratio Lower Upper

45 100

43 64.7 54.2 81.4

87 28.2 23.4 35.0

59 11.4 9.0 13.6

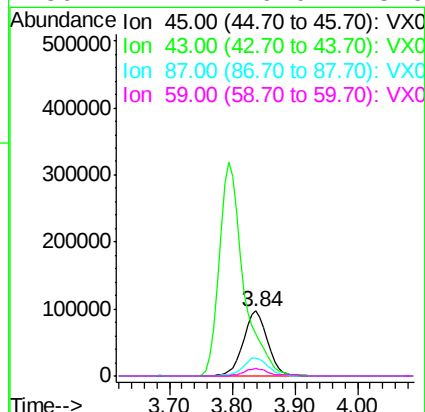
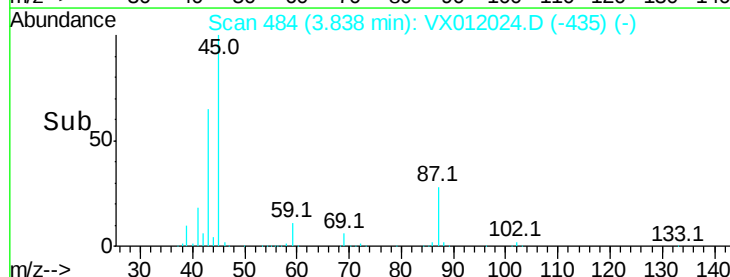


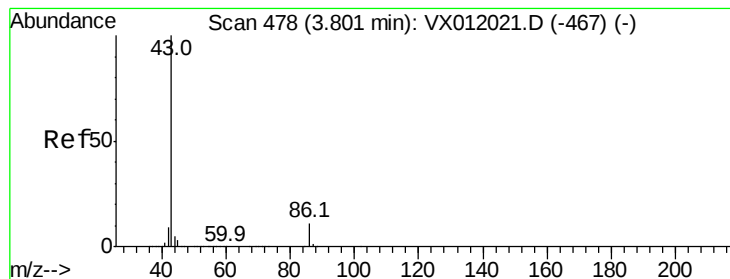
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 263.498 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

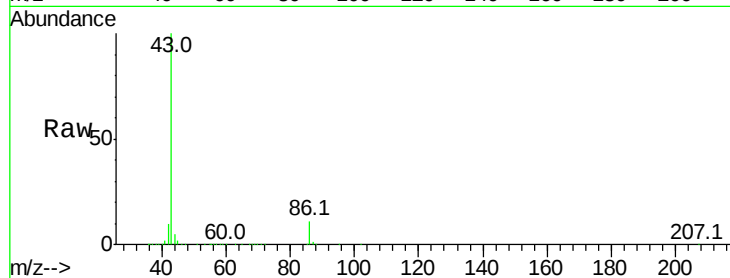
ICVVX090319

Tgt Ion: 43 Resp: 848390

Ion Ratio Lower Upper

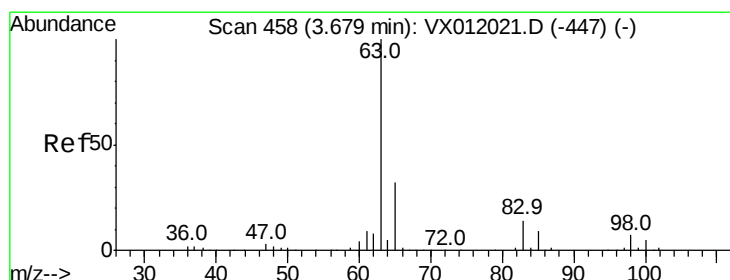
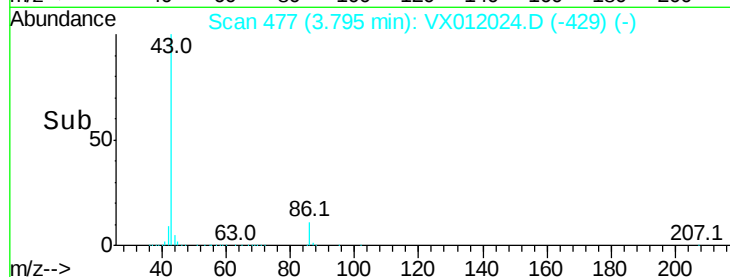
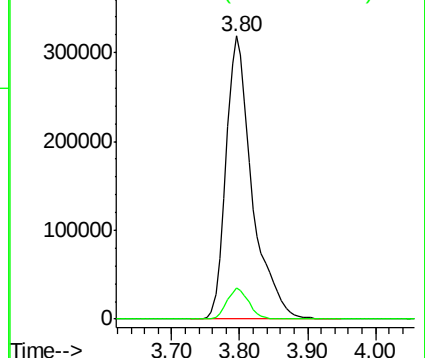
43 100

86 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.560 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

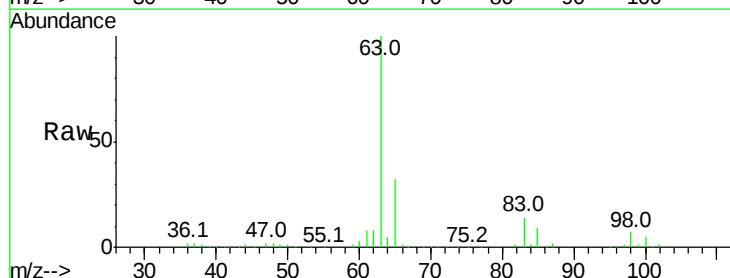
Tgt Ion: 63 Resp: 151723

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

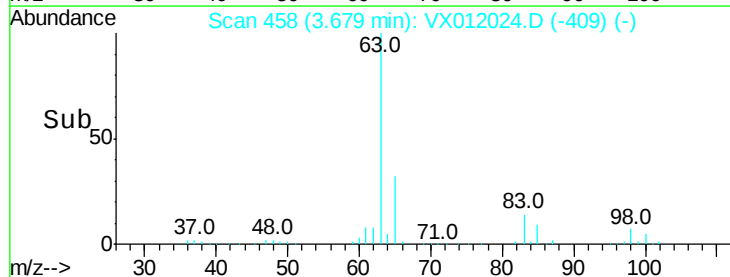
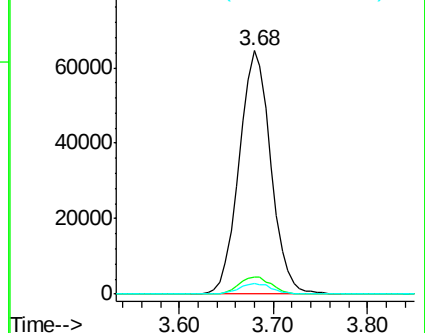
100 4.5 2.5 7.4

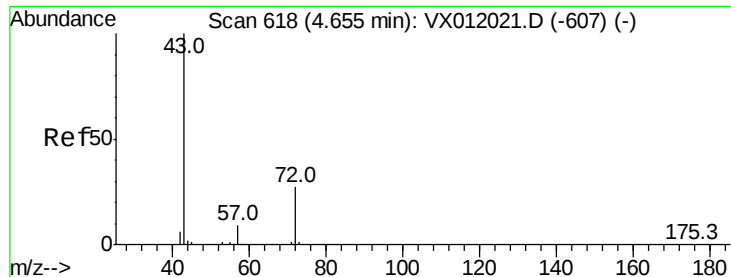


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.849 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

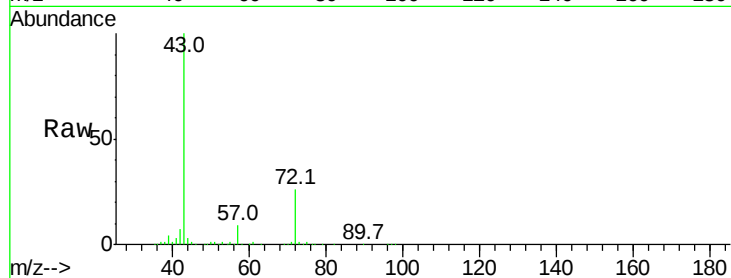
ICVVX090319

Tgt Ion: 43 Resp: 149505

Ion Ratio Lower Upper

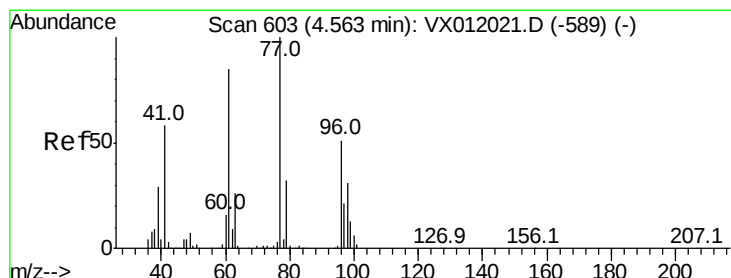
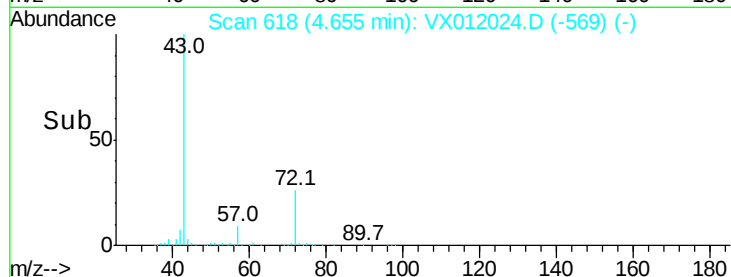
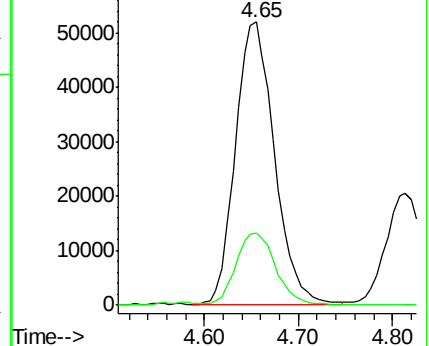
43 100

72 25.5 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.870 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012024.D

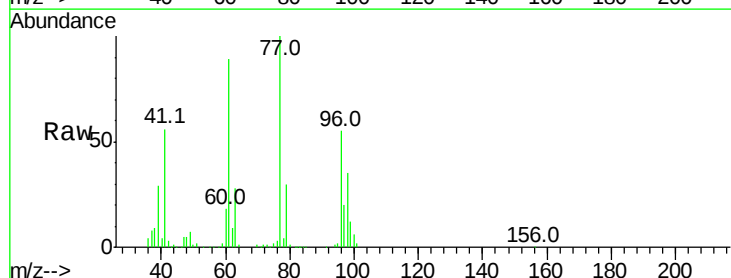
Acq: 03 Sep 2019 15:44

Tgt Ion: 77 Resp: 143571

Ion Ratio Lower Upper

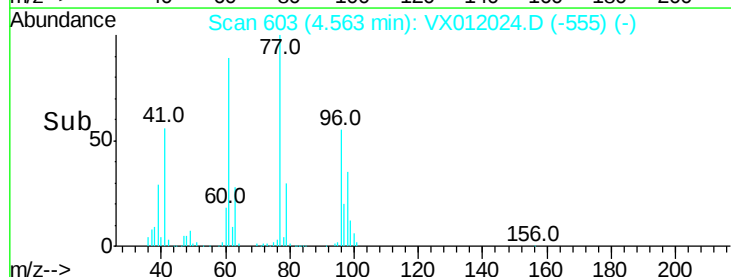
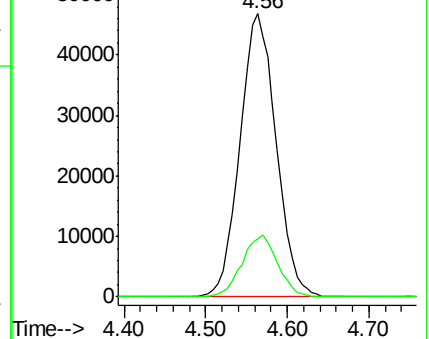
77 100

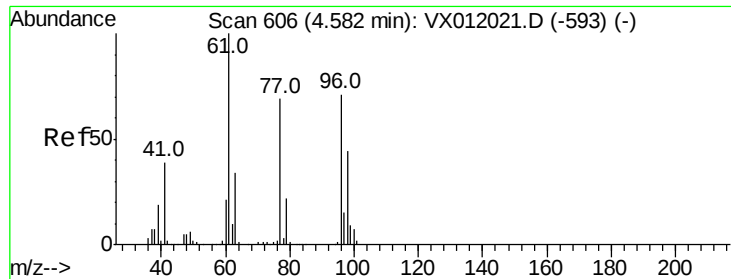
97 21.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



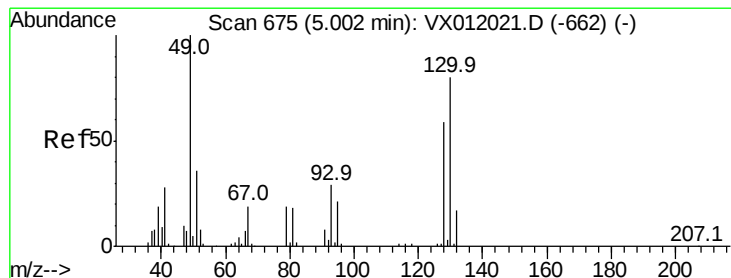
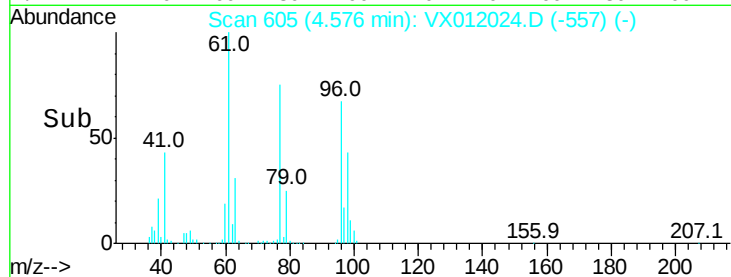
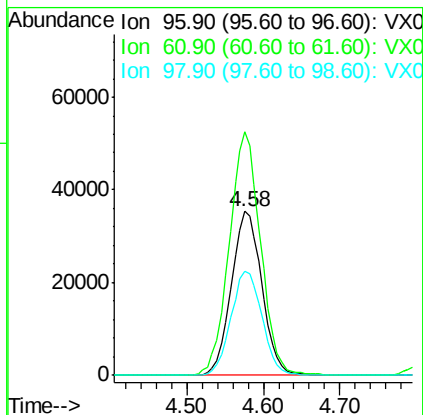
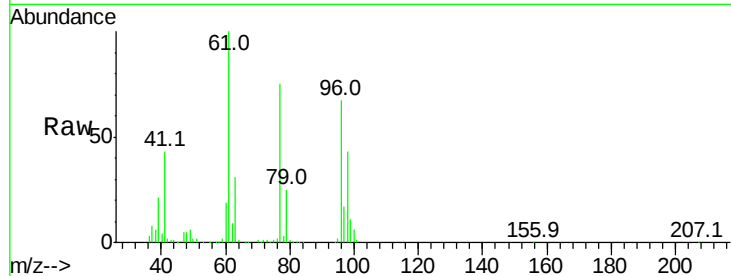


#27

cis-1,2-Dichloroethene
Concen: 52.679 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

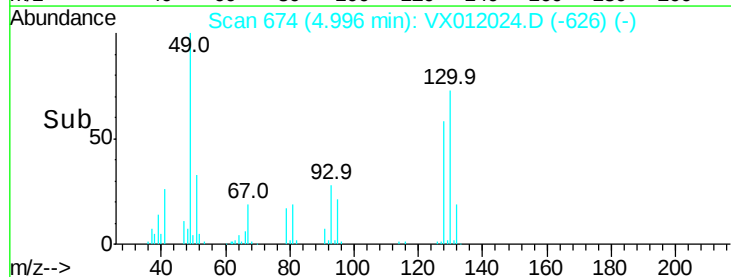
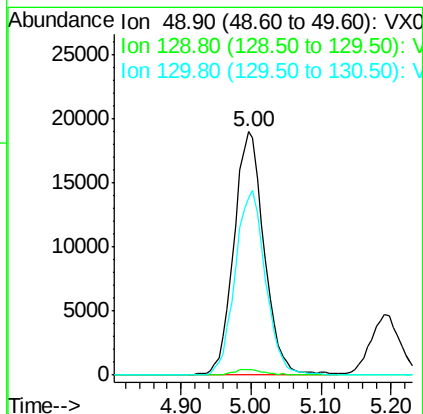
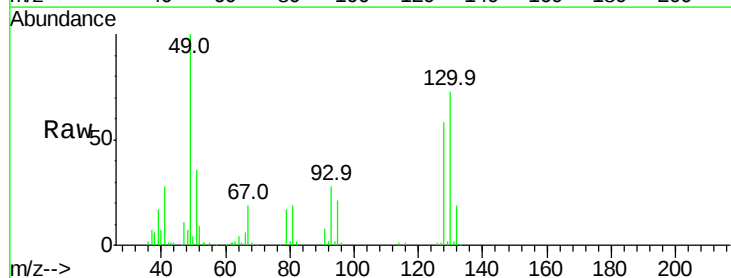
Tgt Ion: 96 Resp: 97790
Ion Ratio Lower Upper
96 100
61 152.0 0.0 277.0
98 64.9 0.0 128.4

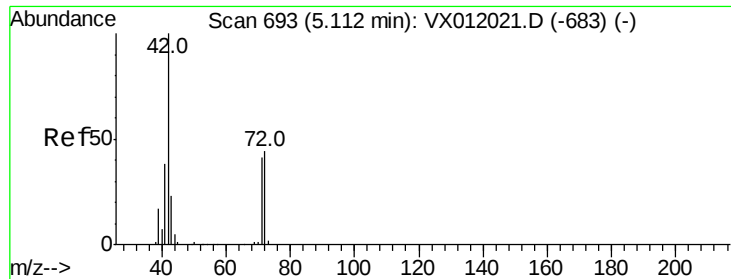


#28

Bromochloromethane
Concen: 49.711 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 49 Resp: 57281
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.6
130 75.8 76.7 115.1#

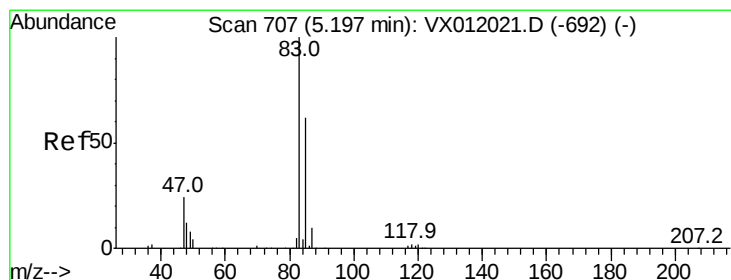
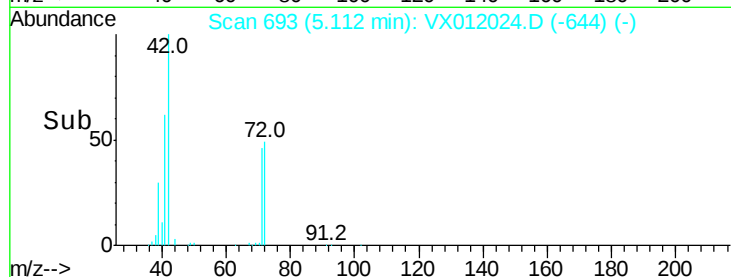
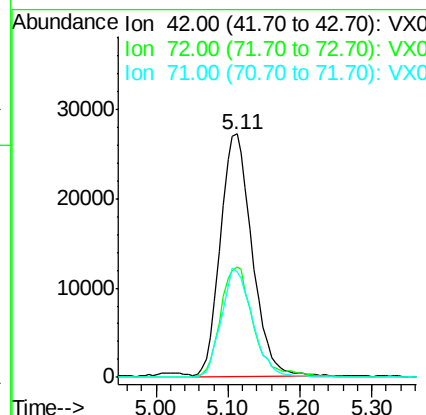
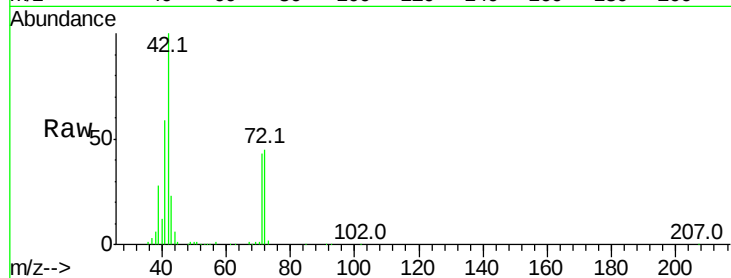




#29
Tetrahydrofuran
Concen: 239.800 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

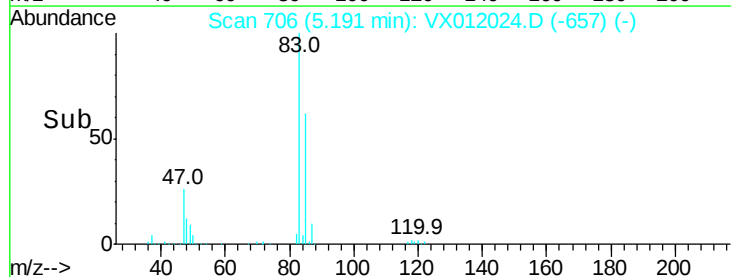
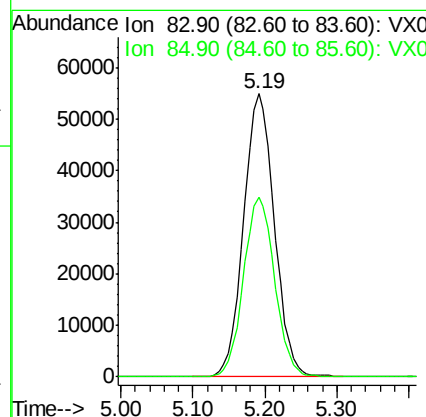
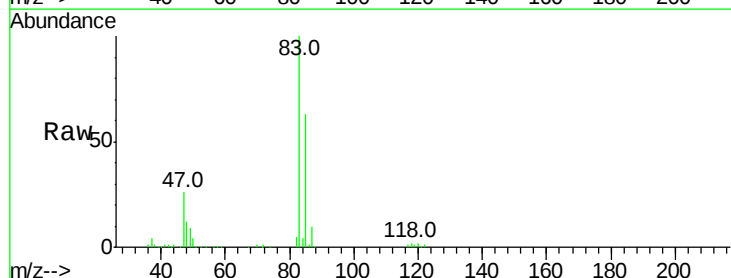
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

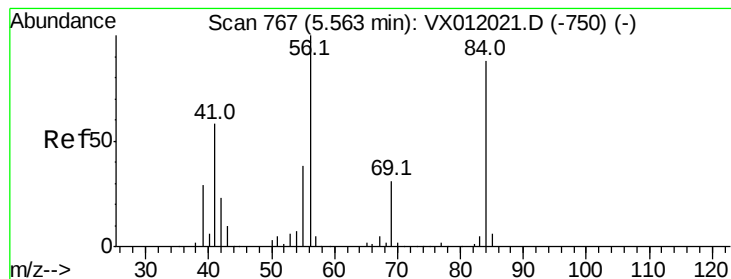
Tgt Ion: 42 Resp: 83127
Ion Ratio Lower Upper
42 100
72 47.6 37.0 55.4
71 44.1 33.8 50.8



#30
Chloroform
Concen: 52.560 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 83 Resp: 162802
Ion Ratio Lower Upper
83 100
85 63.4 52.6 78.8





#31

Cyclohexane

Concen: 52.121 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

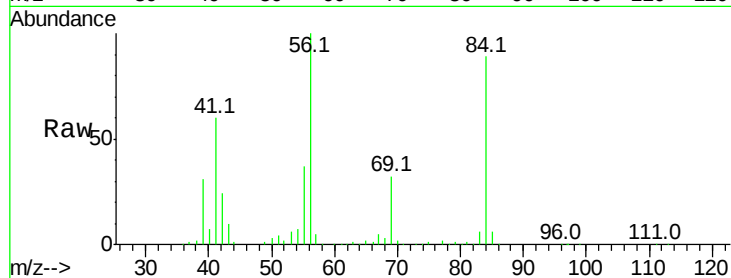
Tgt Ion: 56 Resp: 120837

Ion Ratio Lower Upper

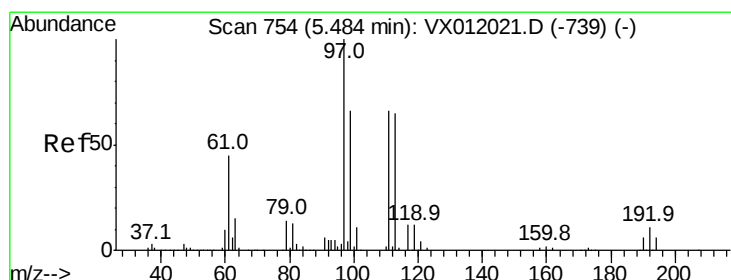
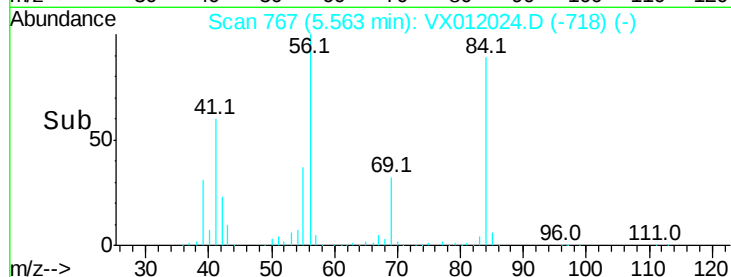
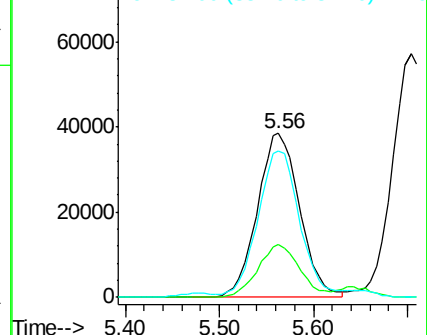
56 100

69 32.0 25.7 38.5

84 86.4 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.561 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

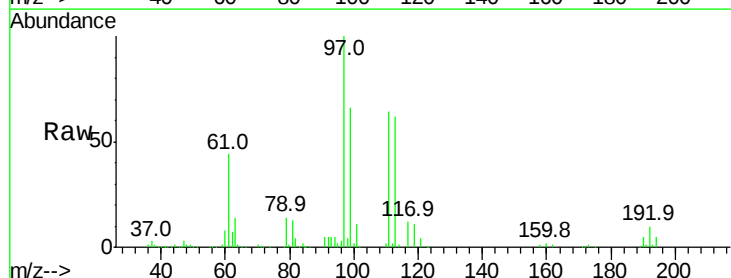
Tgt Ion: 97 Resp: 141795

Ion Ratio Lower Upper

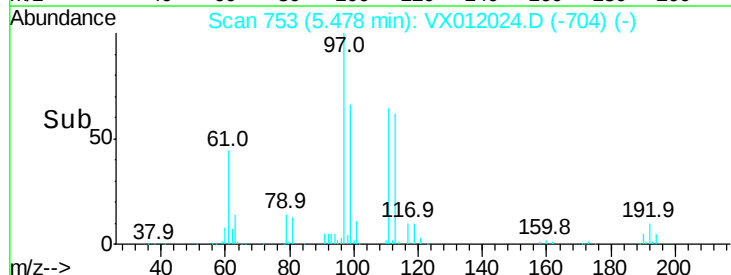
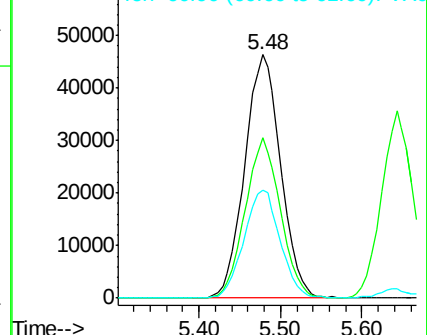
97 100

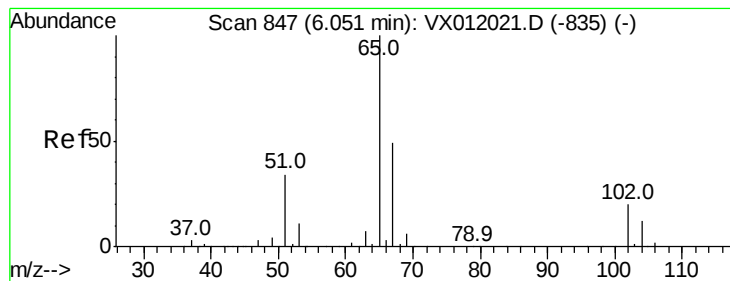
99 64.4 52.1 78.1

61 44.8 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.887 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

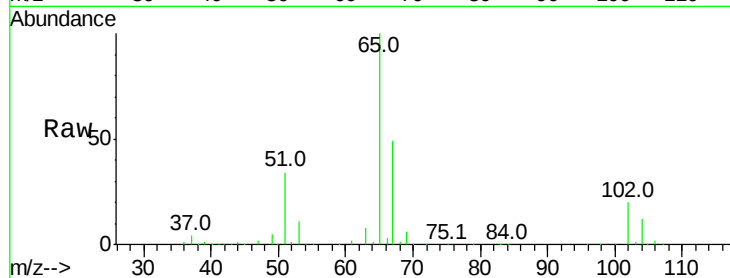
ICVVX090319

Tgt Ion: 65 Resp: 100011

Ion Ratio Lower Upper

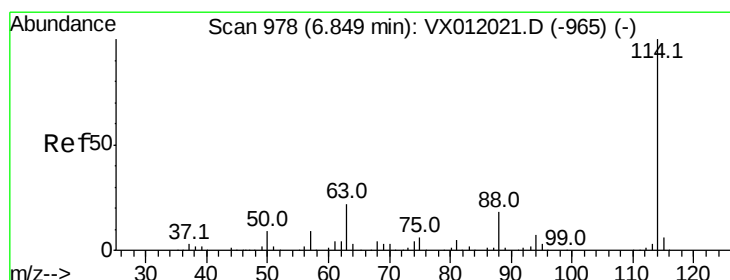
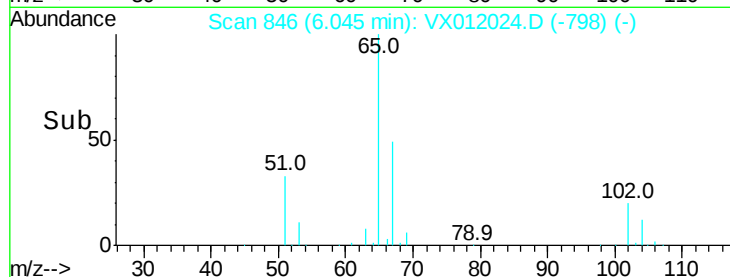
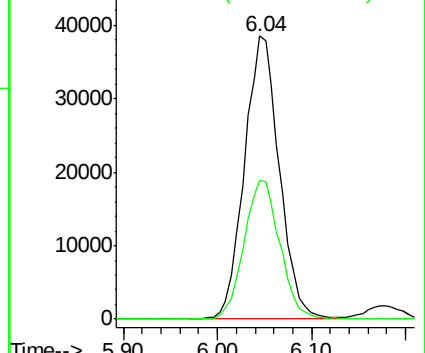
65 100

67 50.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

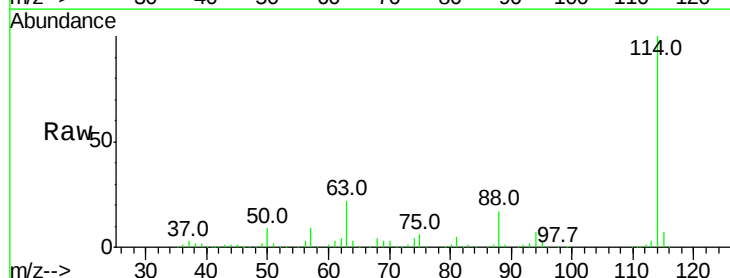
Tgt Ion: 114 Resp: 253370

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.4

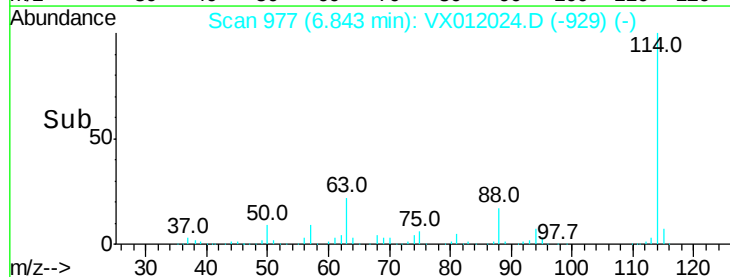
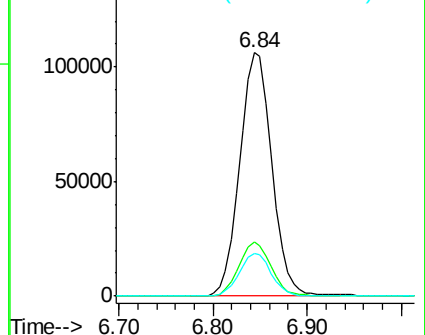
88 17.4 0.0 29.6

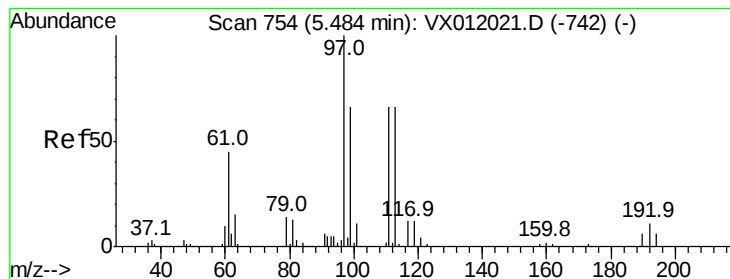


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.661 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

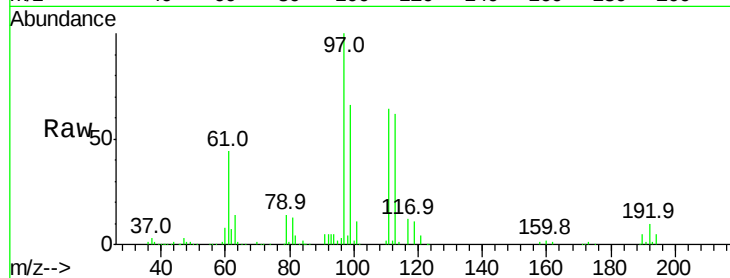
Tgt Ion:113 Resp: 83612

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

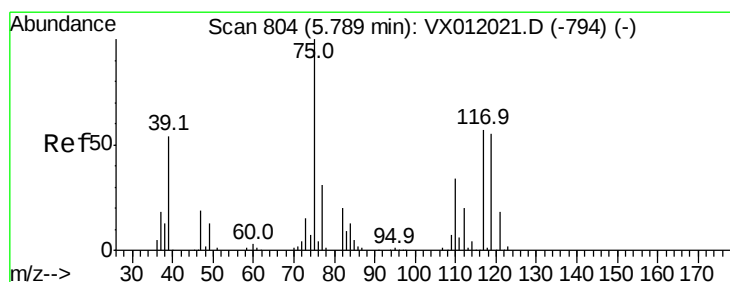
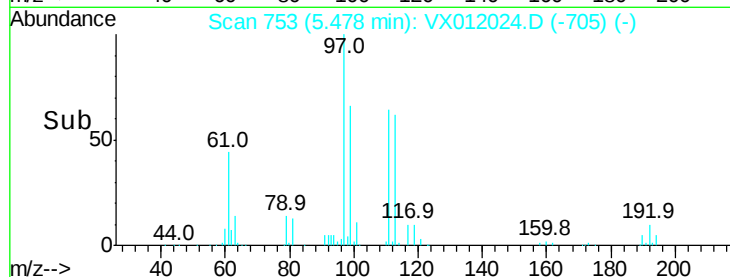
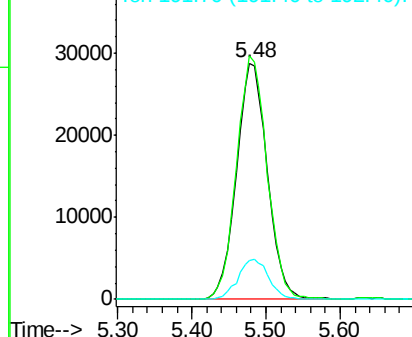
192 16.9 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.538 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

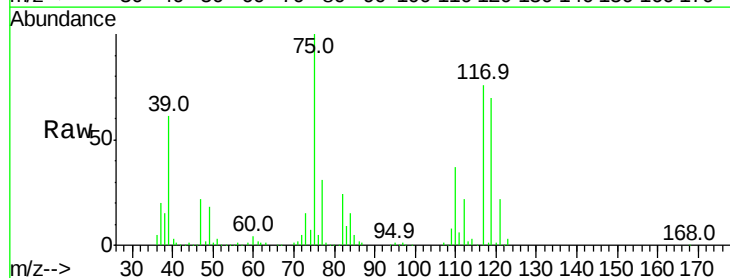
Tgt Ion: 75 Resp: 115009

Ion Ratio Lower Upper

75 100

110 35.8 19.5 58.5

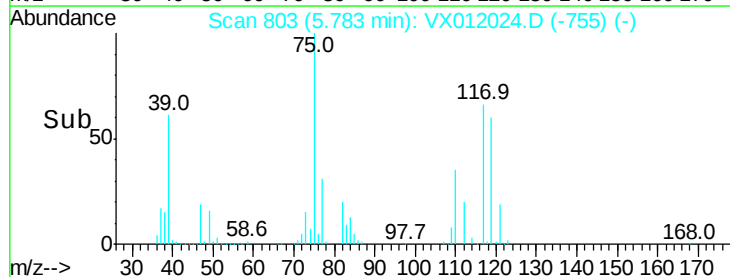
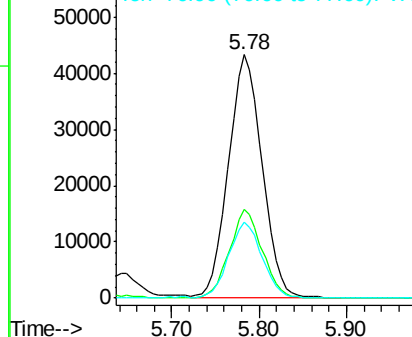
77 30.6 24.6 37.0

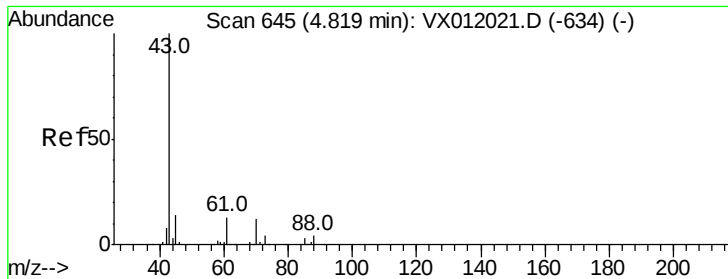


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

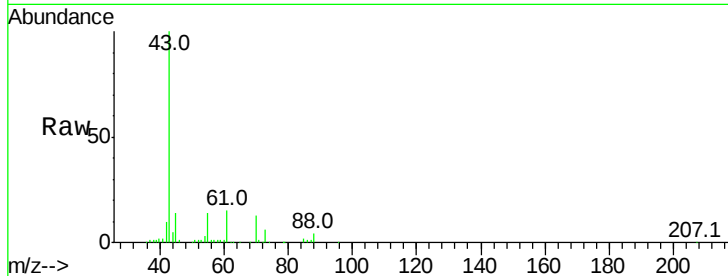




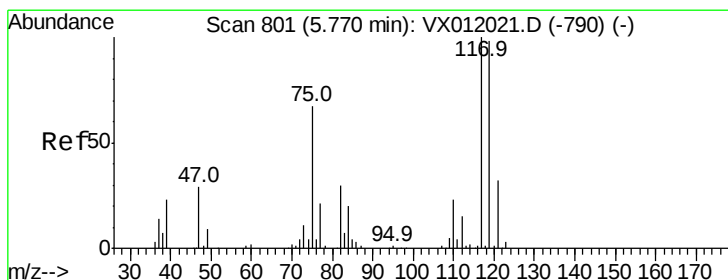
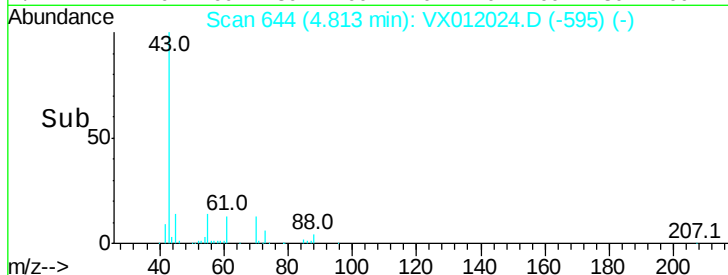
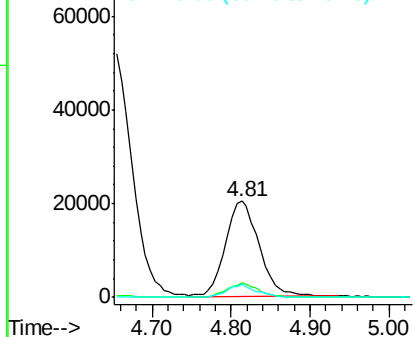
#37
Ethyl Acetate
Concen: 49.532 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tgt Ion: 43 Resp: 60107
Ion Ratio Lower Upper
43 100
61 14.3 10.9 16.3
70 12.3 9.4 14.0

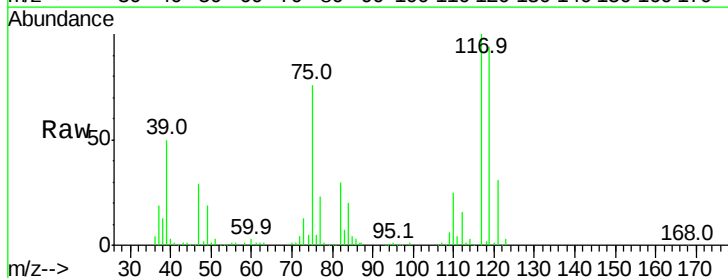


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

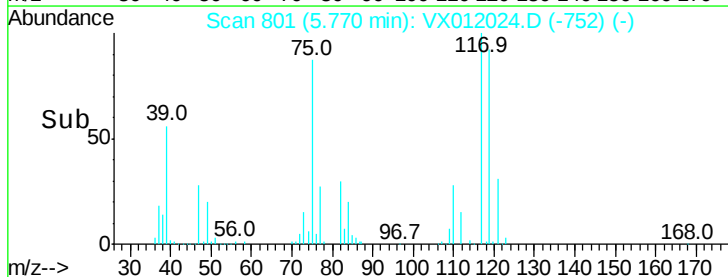
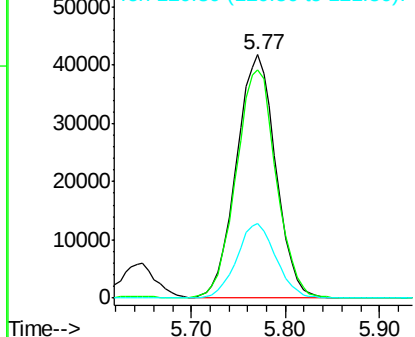


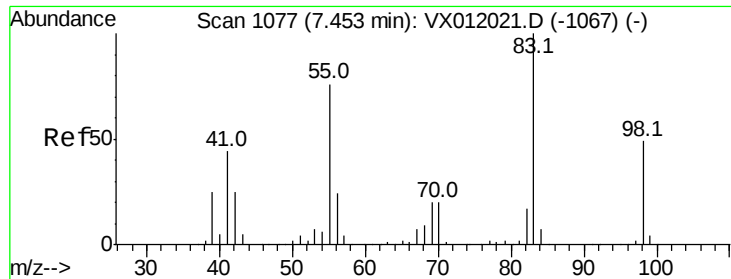
#38
Carbon Tetrachloride
Concen: 51.551 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 117 Resp: 121220
Ion Ratio Lower Upper
117 100
119 93.9 78.3 117.5
121 30.8 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

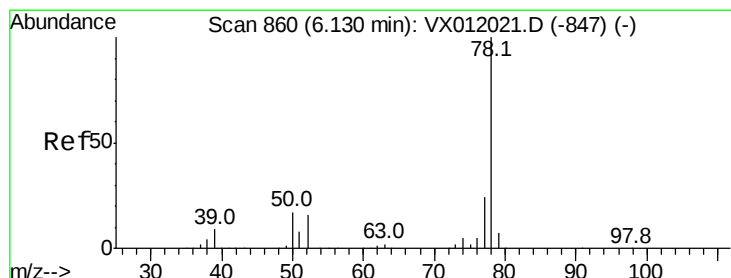
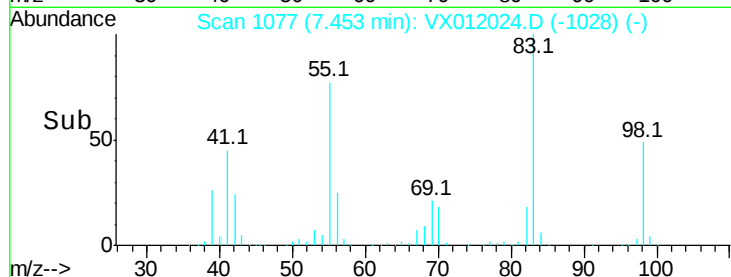
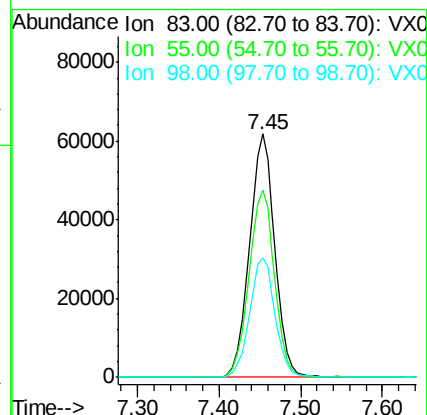
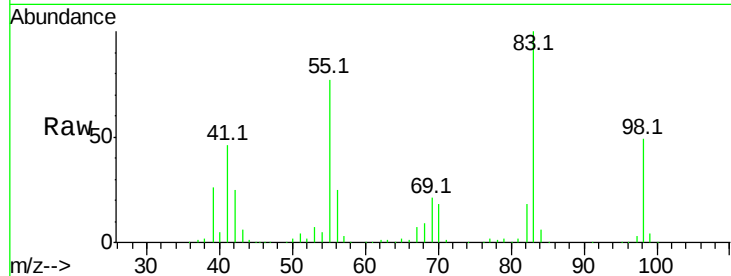




#39
Methylcyclohexane
Concen: 51.249 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

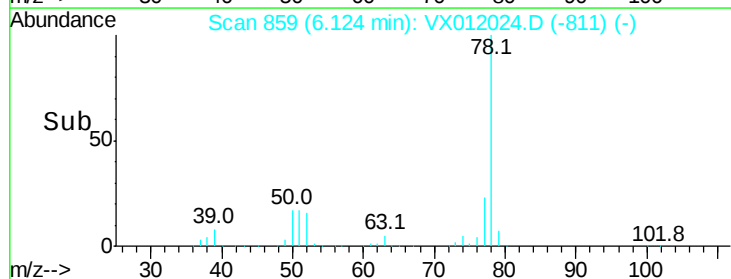
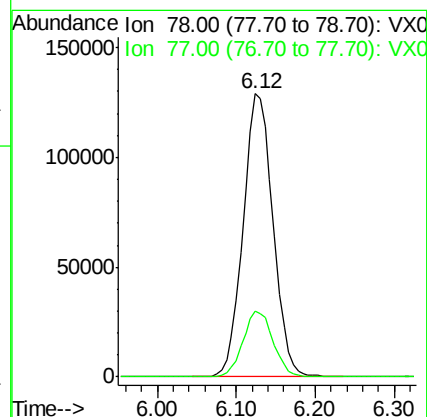
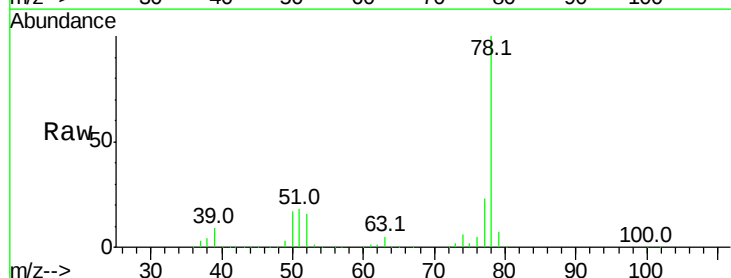
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

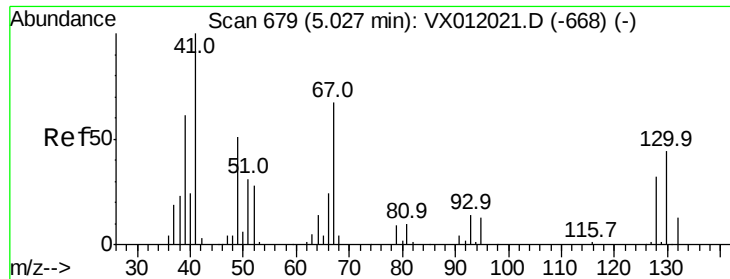
Tgt Ion: 83 Resp: 132733
Ion Ratio Lower Upper
83 100
55 77.1 59.6 89.4
98 49.1 41.4 62.0



#40
Benzene
Concen: 53.124 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 78 Resp: 340329
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



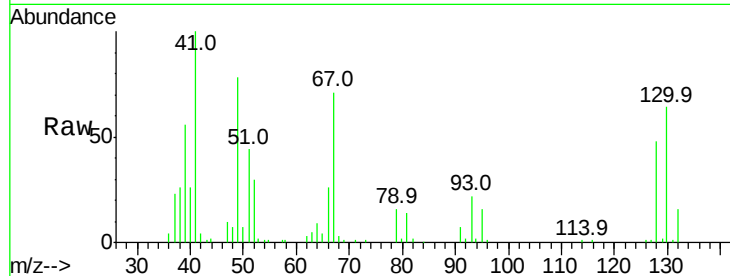


#41
Methacrylonitrile
Concen: 49.806 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

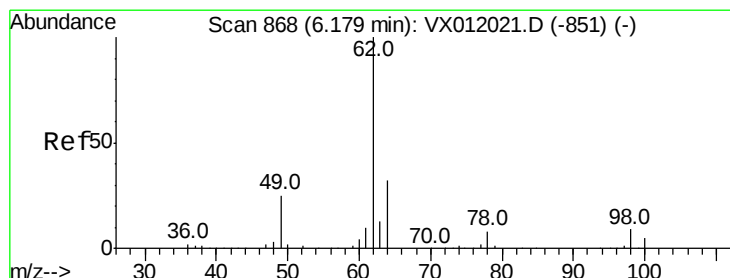
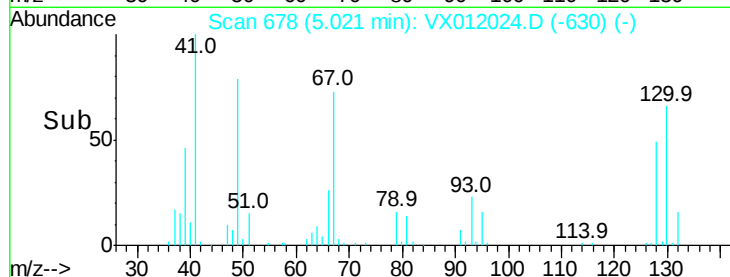
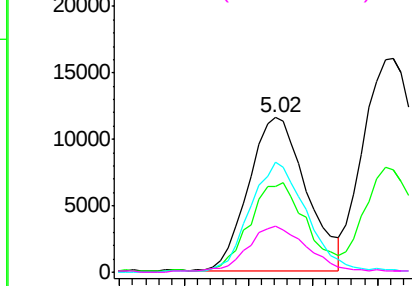
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tgt Ion: 41 Resp: 36043

Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.7	70.1
67	71.1	57.0	85.6
52	32.3	23.5	35.3



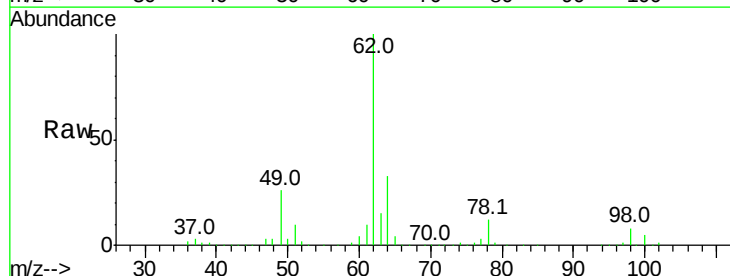
Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



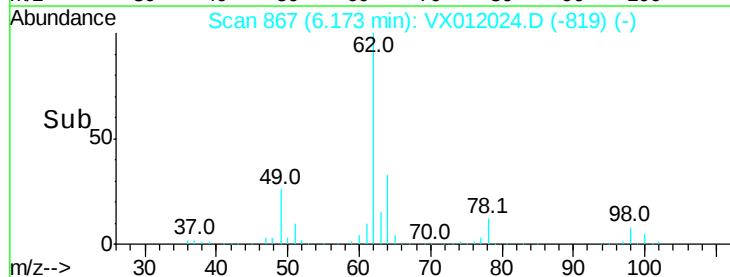
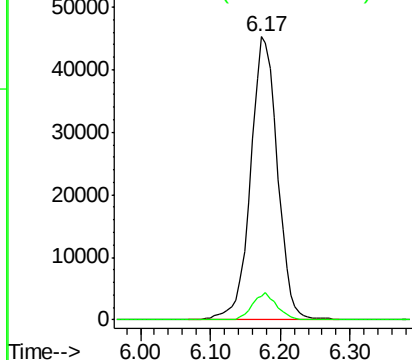
#42
1,2-Dichloroethane
Concen: 52.479 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

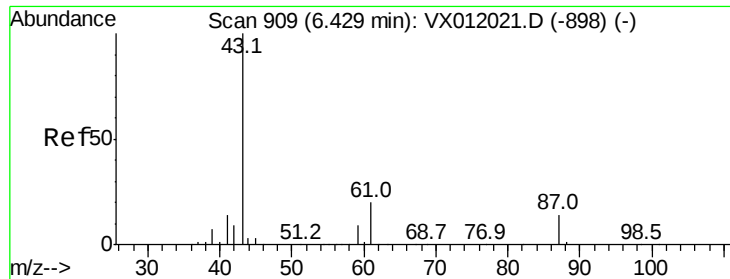
Tgt Ion: 62 Resp: 120987

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 49.494 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

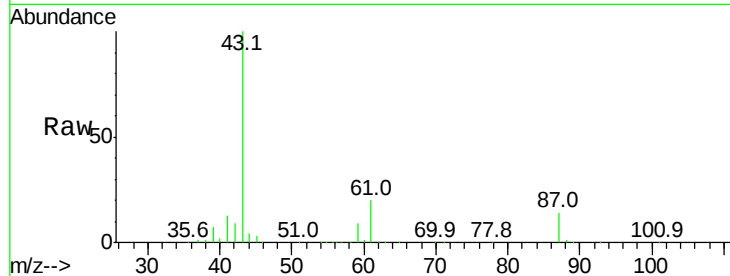
Tgt Ion: 43 Resp: 122123

Ion Ratio Lower Upper

43 100

61 19.8 16.1 24.1

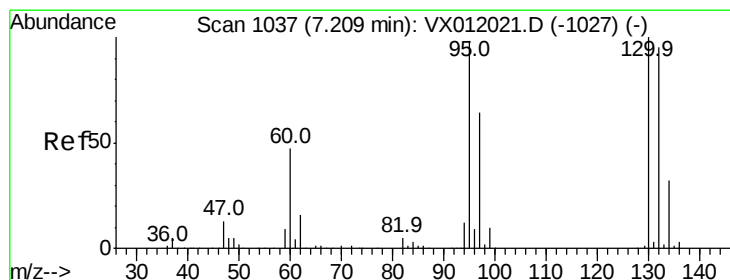
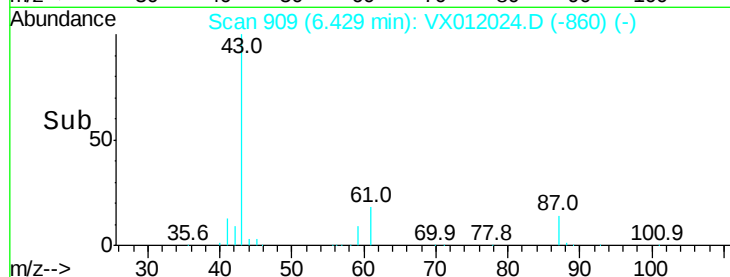
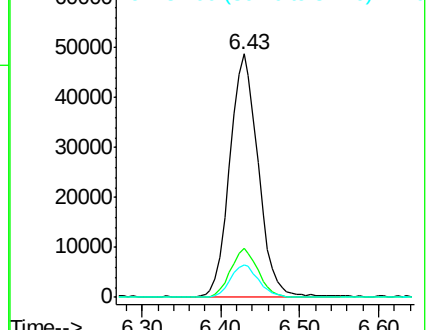
87 13.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.064 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012024.D

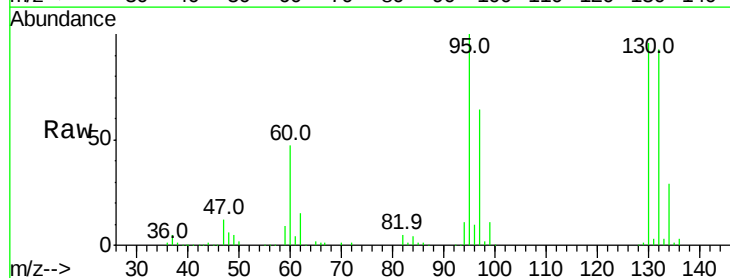
Acq: 03 Sep 2019 15:44

Tgt Ion: 130 Resp: 89963

Ion Ratio Lower Upper

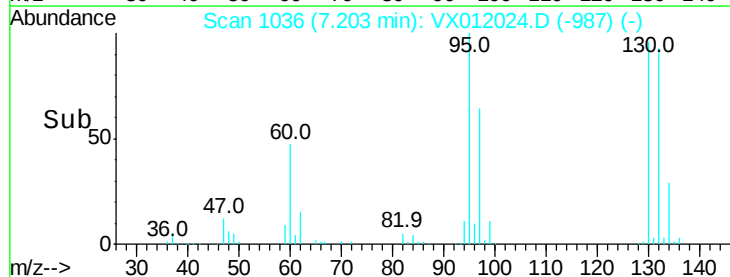
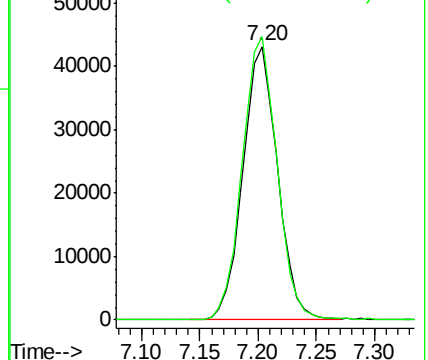
130 100

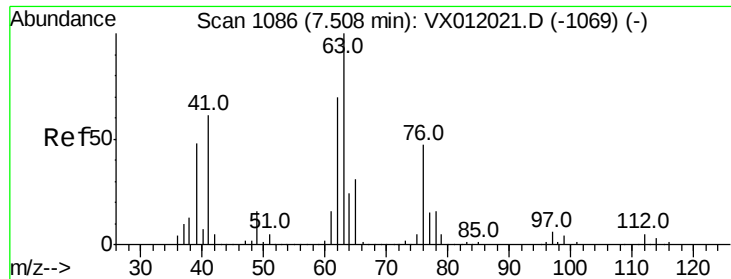
95 103.6 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

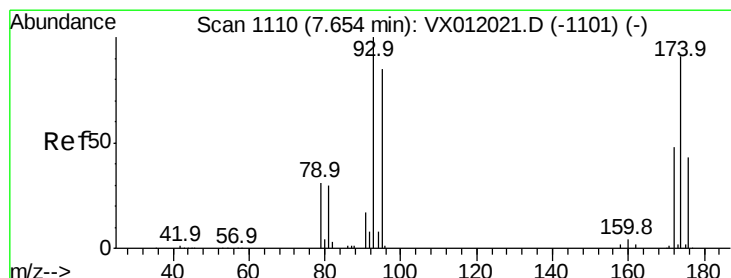
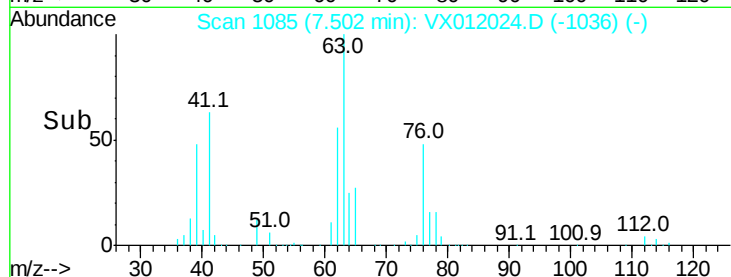
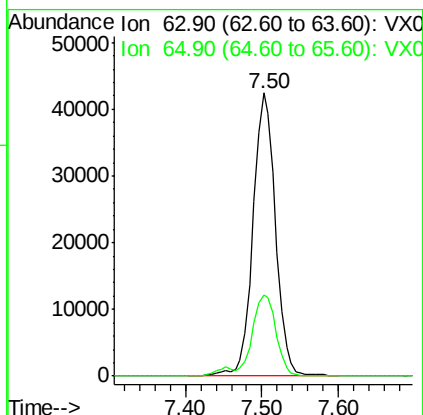
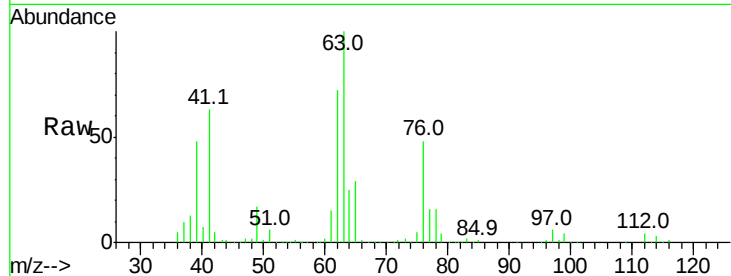




#45
 1,2-Dichloropropane
 Concen: 52.818 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

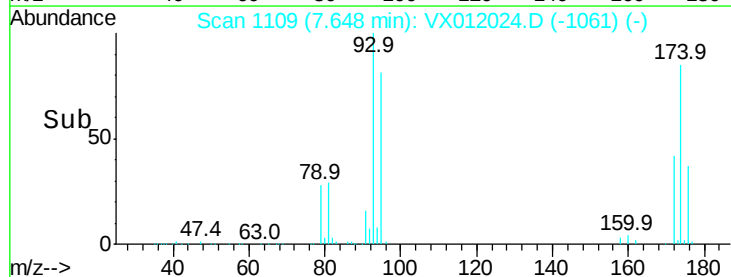
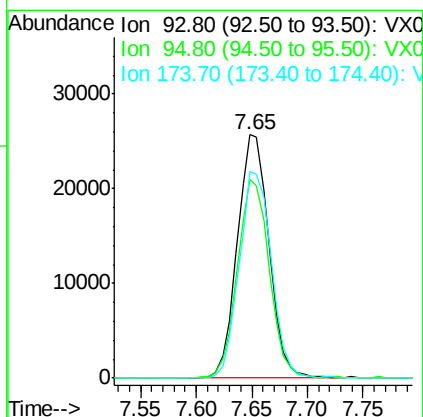
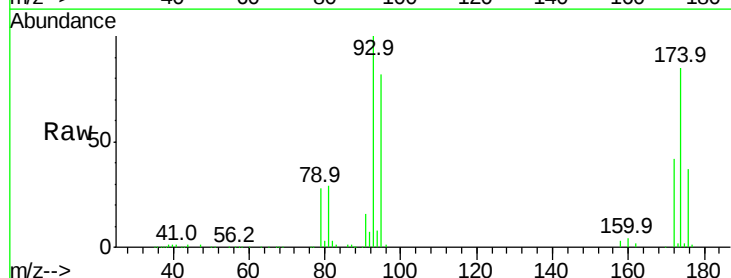
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

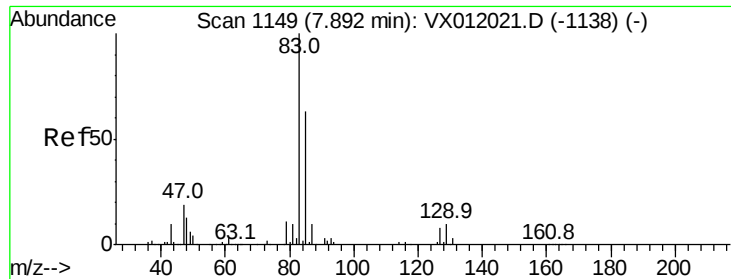
Tgt Ion: 63 Resp: 87423
 Ion Ratio Lower Upper
 63 100
 65 28.4 25.0 37.6



#46
 Dibromomethane
 Concen: 52.608 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion: 93 Resp: 50831
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.2 99.2
 174 86.6 110.2 165.4#





#47

Bromodichloromethane

Concen: 52.029 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

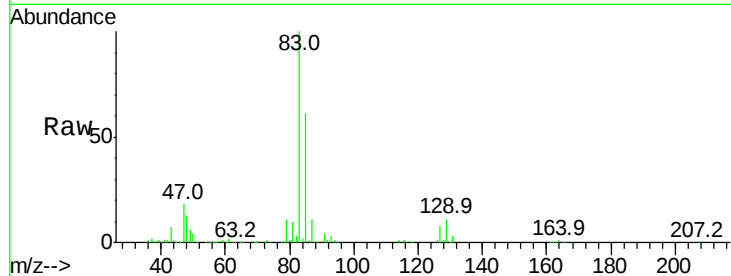
Tgt Ion: 83 Resp: 127783

Ion Ratio Lower Upper

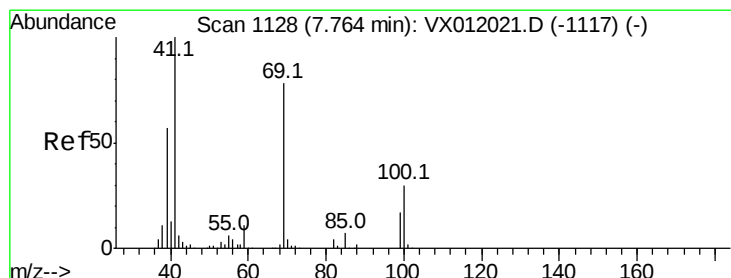
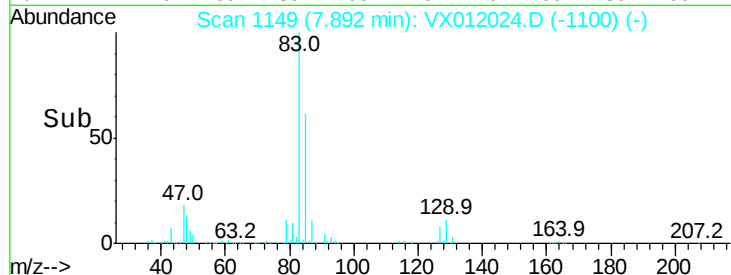
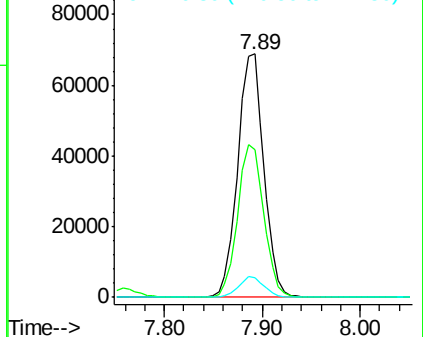
83 100

85 60.7 50.3 75.5

127 8.2 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.218 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

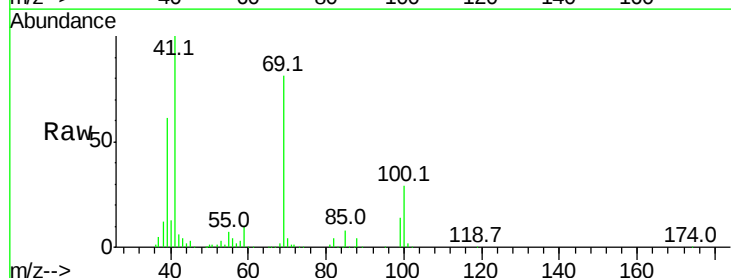
Tgt Ion: 41 Resp: 61062

Ion Ratio Lower Upper

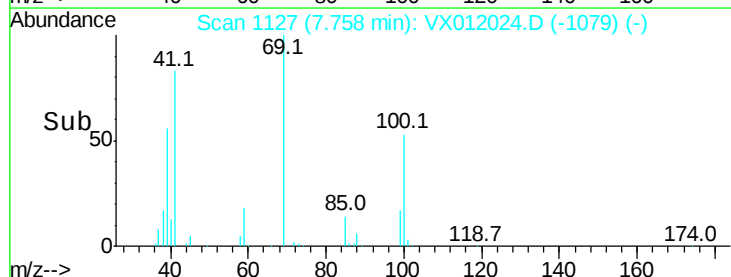
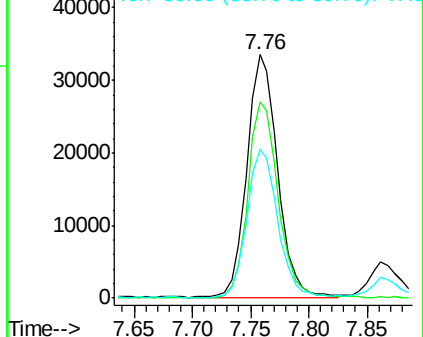
41 100

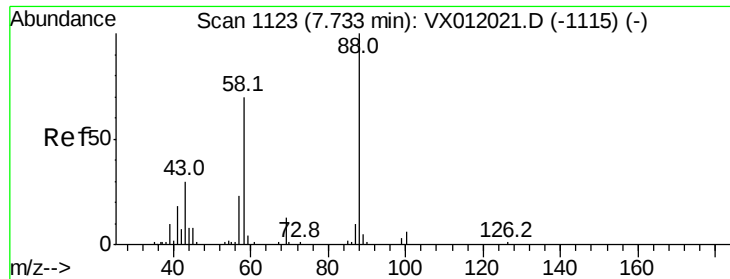
69 80.9 66.3 99.5

39 61.8 48.1 72.1



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

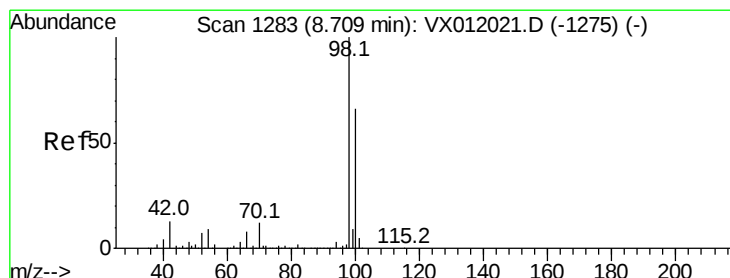
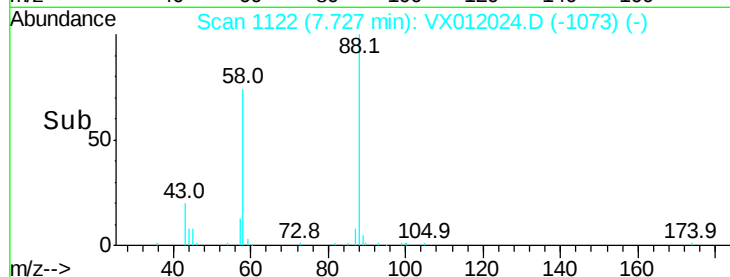
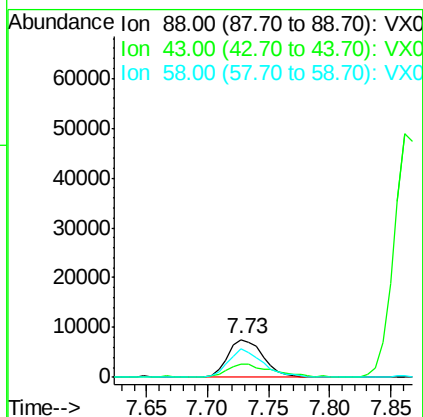
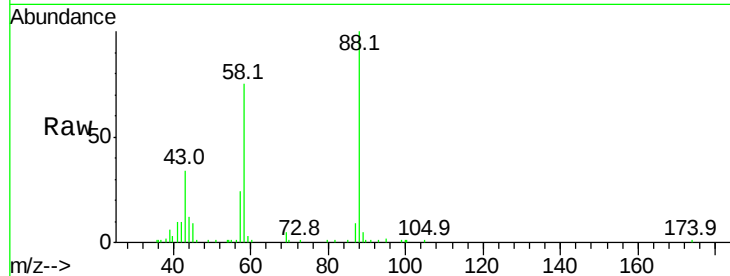




#49
1,4-Dioxane
Concen: 908.665 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

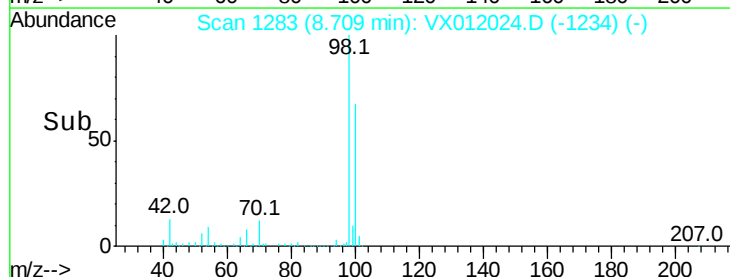
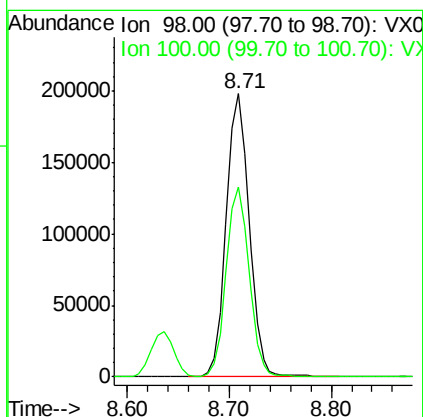
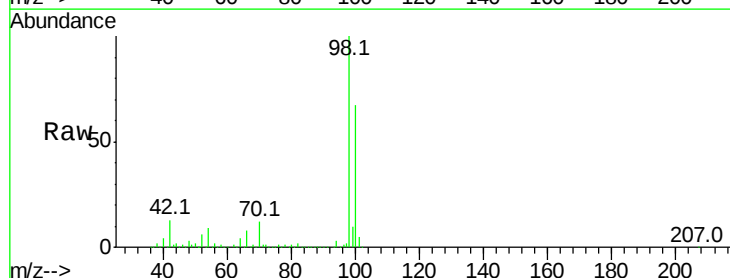
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

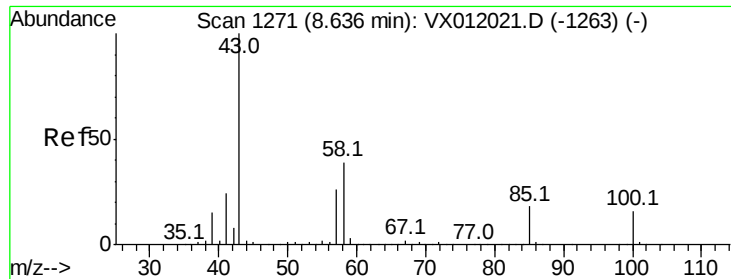
Tgt Ion: 88 Resp: 15368
Ion Ratio Lower Upper
88 100
43 40.6 29.8 44.6
58 75.2 55.4 83.2



#50
Toluene-d8
Concen: 54.297 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 98 Resp: 310455
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 238.223 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

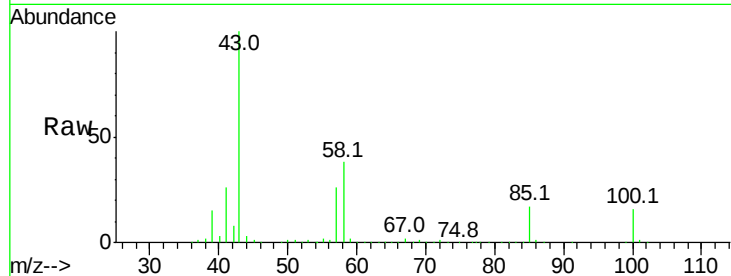
ICVX090319

Tgt Ion: 43 Resp: 298979

Ion Ratio Lower Upper

43 100

58 39.3 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

200000

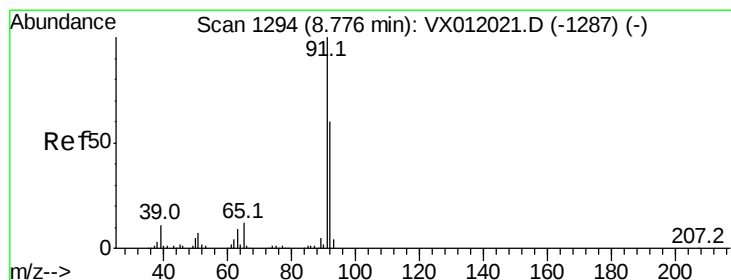
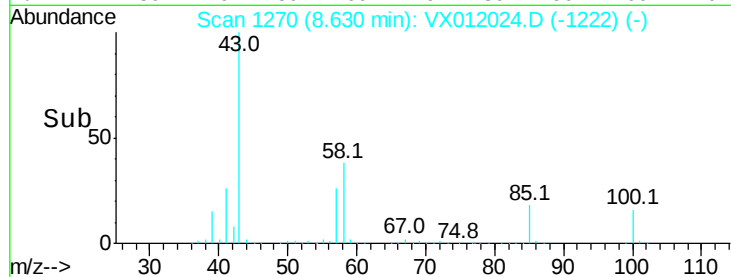
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 53.106 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012024.D

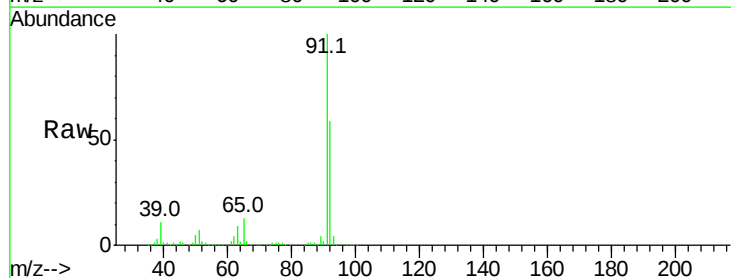
Acq: 03 Sep 2019 15:44

Tgt Ion: 92 Resp: 221361

Ion Ratio Lower Upper

92 100

91 168.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

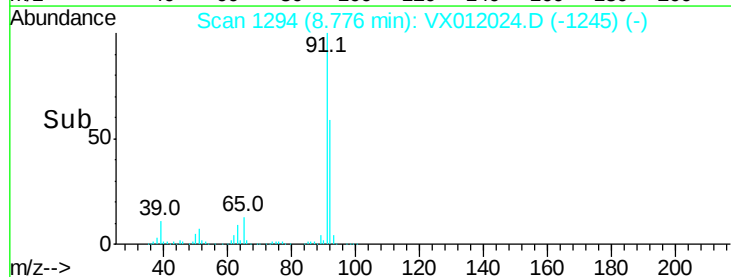
150000

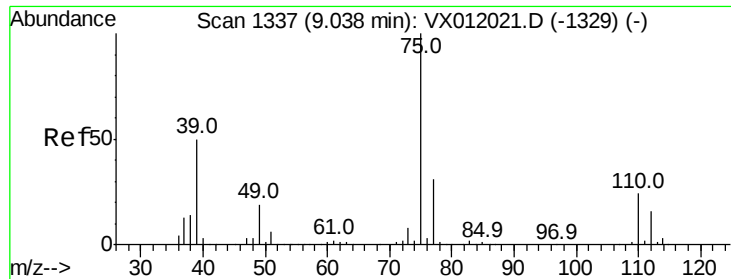
100000

50000

0

Time-->

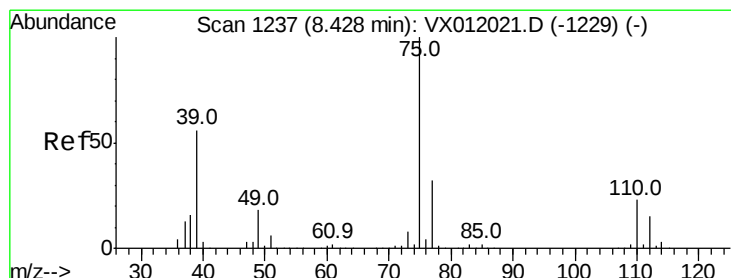
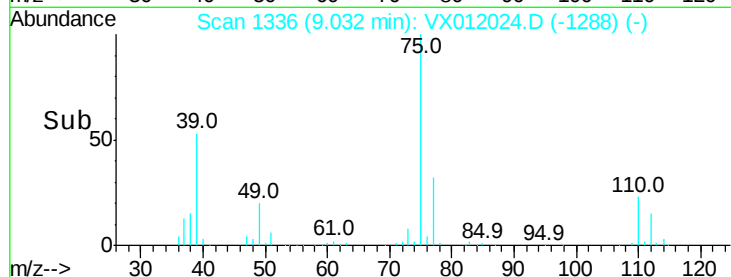
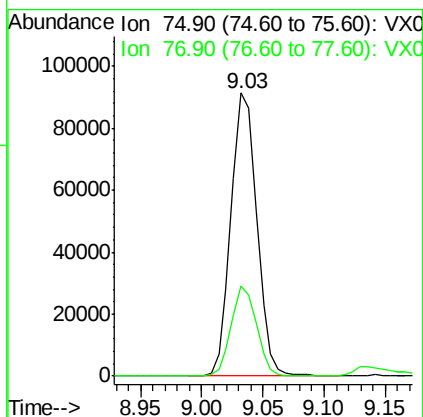
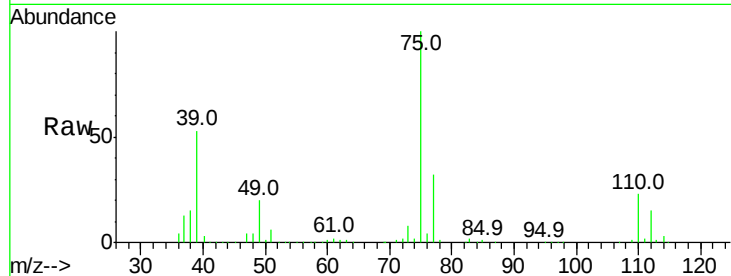




#53
 t-1,3-Dichloropropene
 Concen: 52.660 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

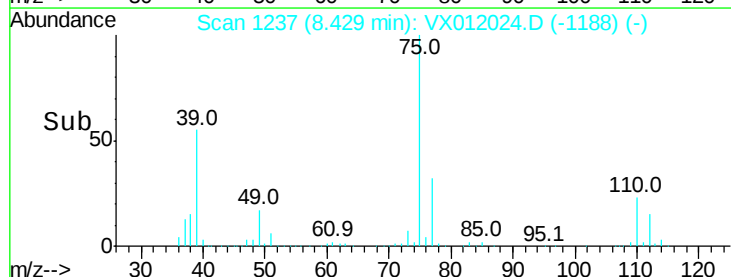
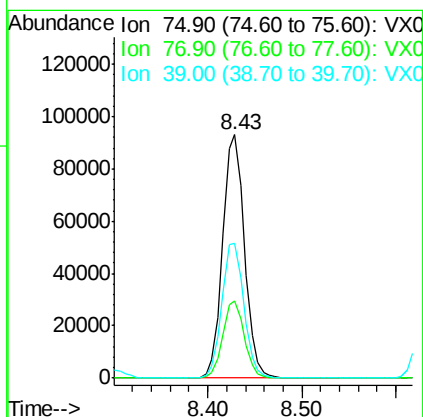
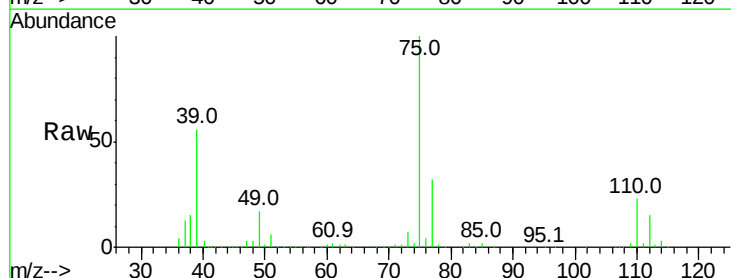
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

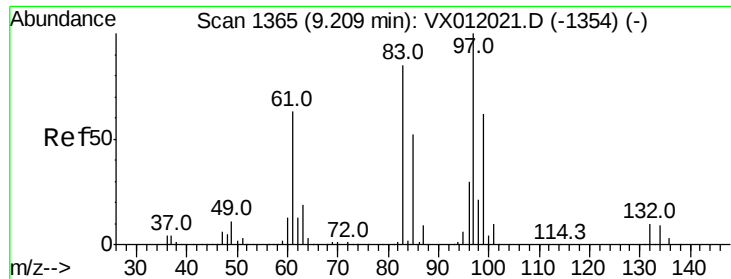
Tgt Ion: 75 Resp: 133899
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.982 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion: 75 Resp: 149810
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 55.4 43.0 64.4

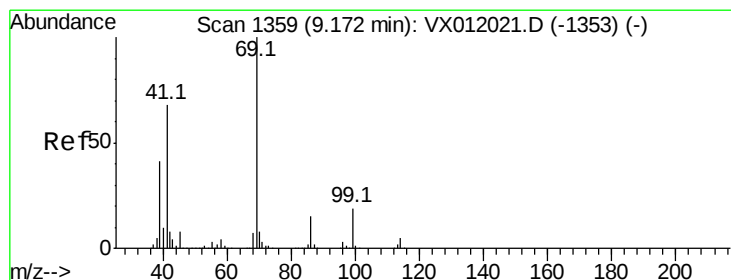
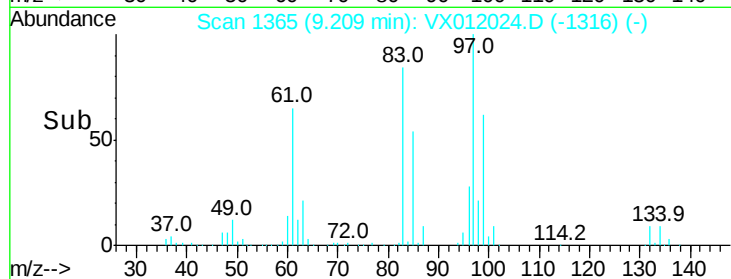
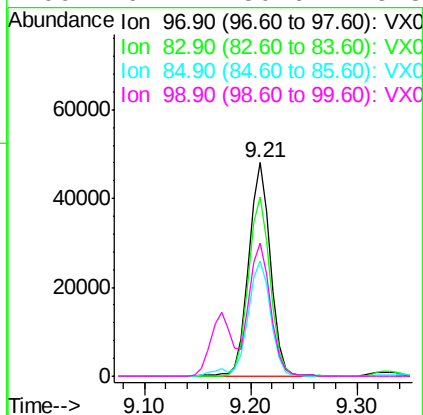
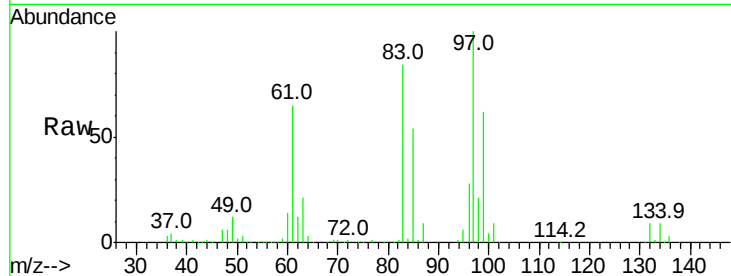




#55
 1,1,2-Trichloroethane
 Concen: 49.917 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

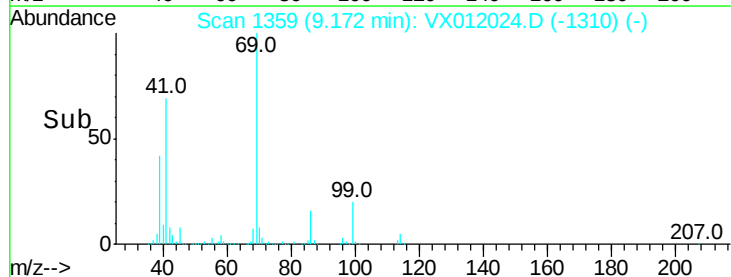
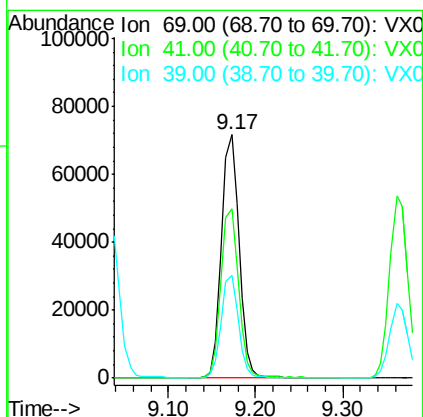
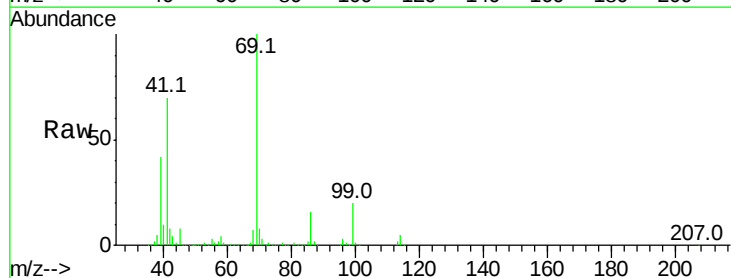
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

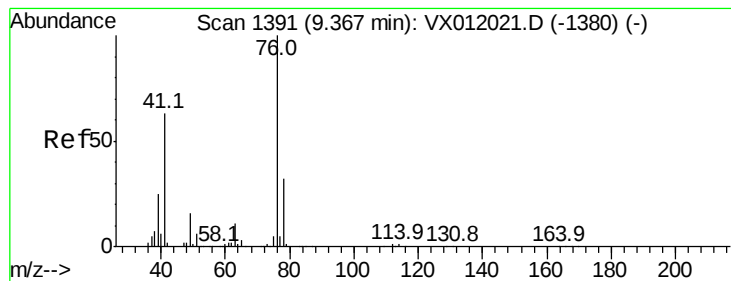
Tgt Ion:	97	Resp:	68954
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.0	99.0
85	53.9	41.0	61.6
99	62.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 50.625 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion:	69	Resp:	100170
Ion	Ratio	Lower	Upper
69	100		
41	69.0	53.9	80.9
39	41.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.119 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

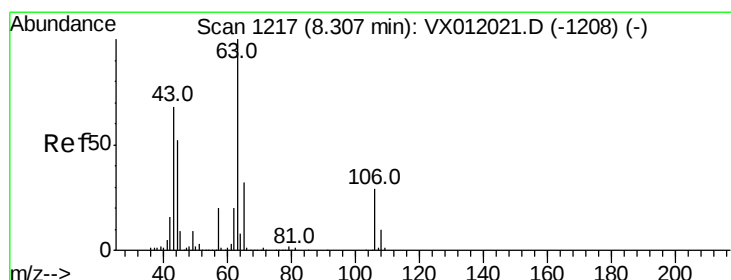
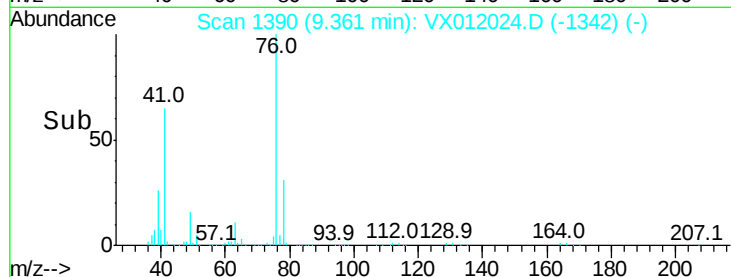
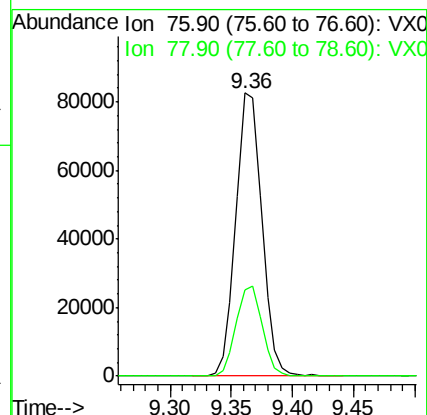
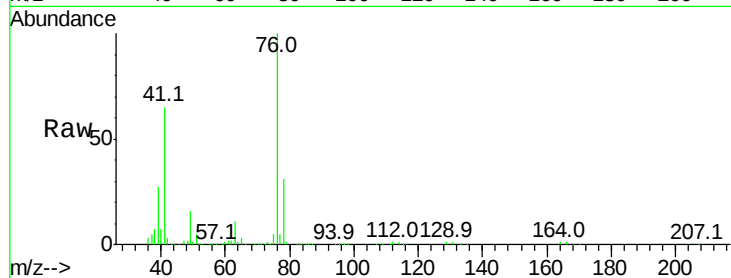
ICVVX090319

Tgt Ion: 76 Resp: 121852

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 226.837 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012024.D

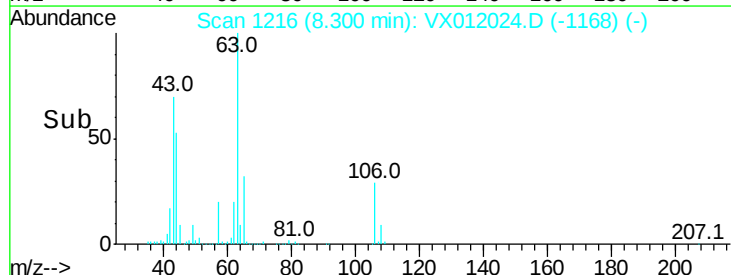
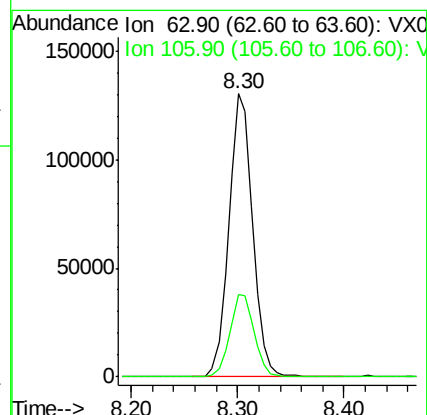
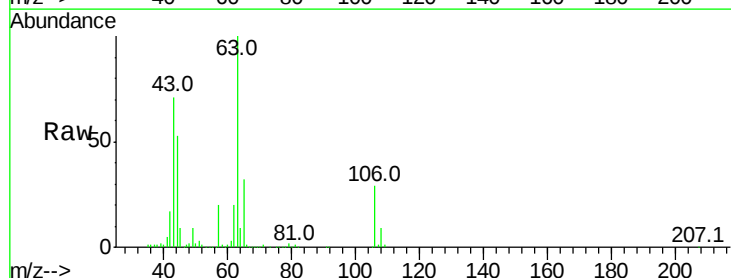
Acq: 03 Sep 2019 15:44

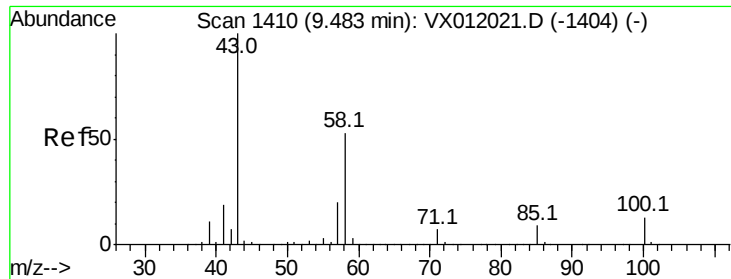
Tgt Ion: 63 Resp: 202351

Ion Ratio Lower Upper

63 100

106 29.7 26.5 39.7

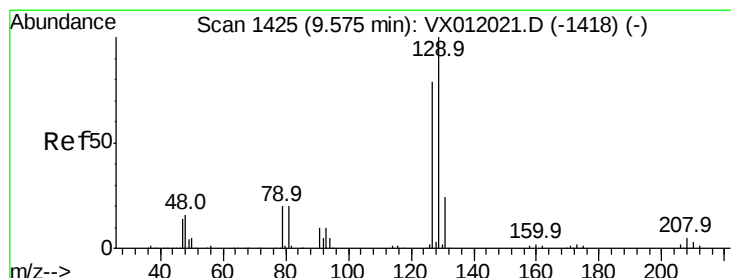
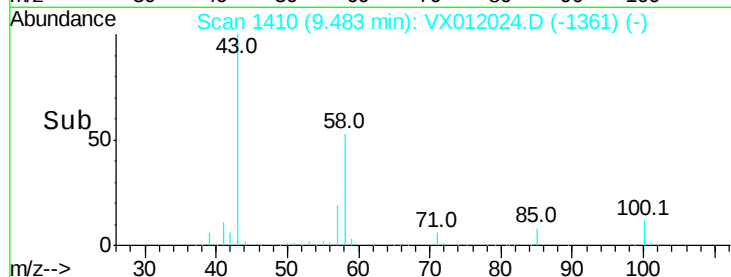
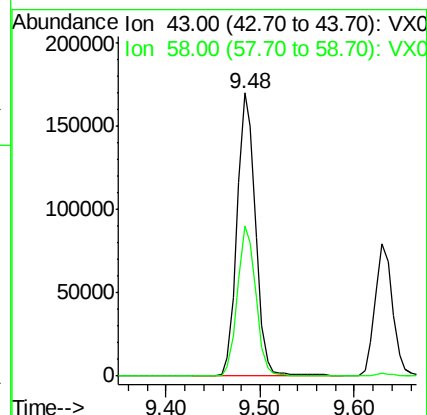
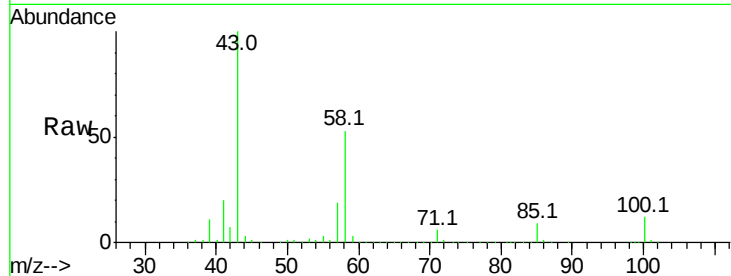




#59
2-Hexanone
Concen: 251.857 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

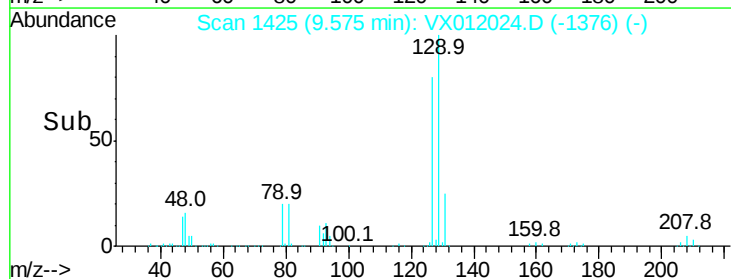
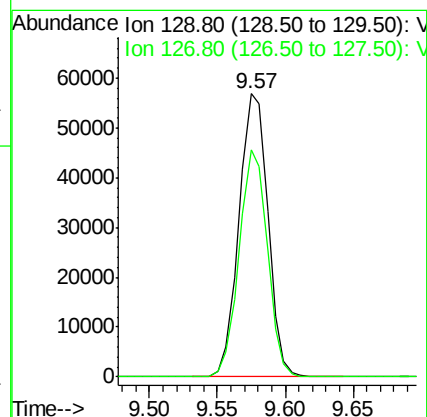
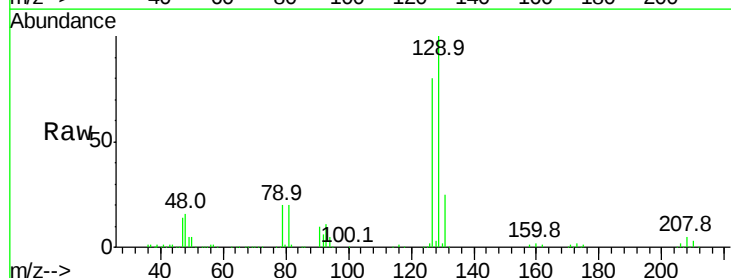
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

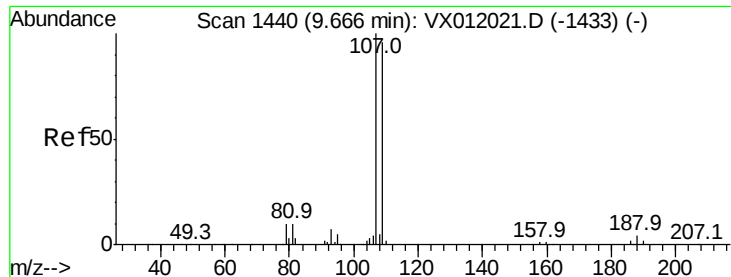
Tgt Ion: 43 Resp: 230643
Ion Ratio Lower Upper
43 100
58 53.3 27.2 81.6



#60
Dibromochloromethane
Concen: 51.351 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 129 Resp: 84541
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.207 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

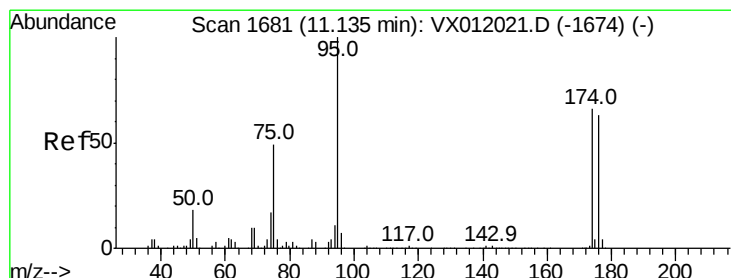
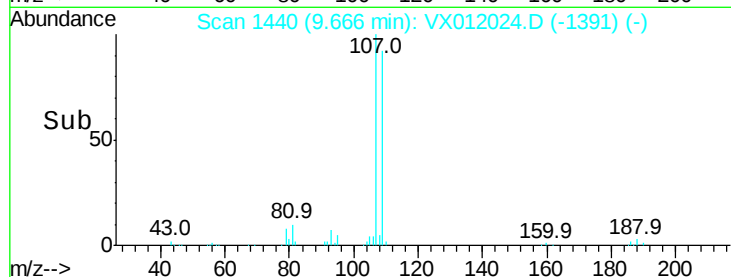
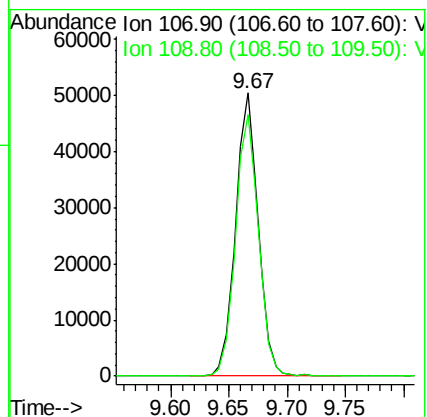
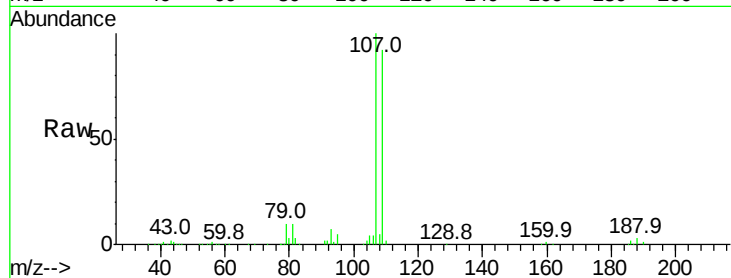
ICVVX090319

Tgt Ion:107 Resp: 68352

Ion Ratio Lower Upper

107 100

109 94.0 76.9 115.3



#62

4-Bromofluorobenzene

Concen: 50.337 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

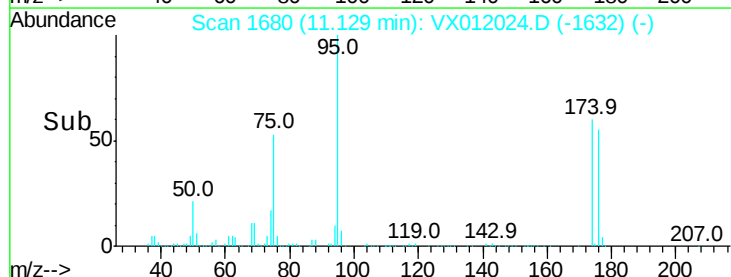
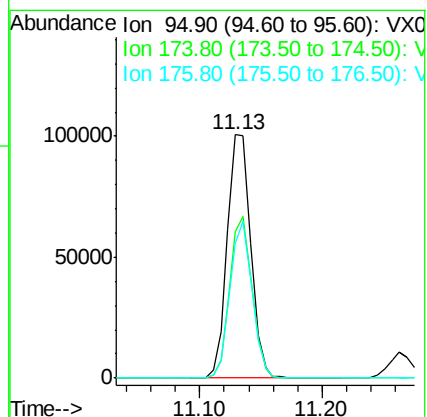
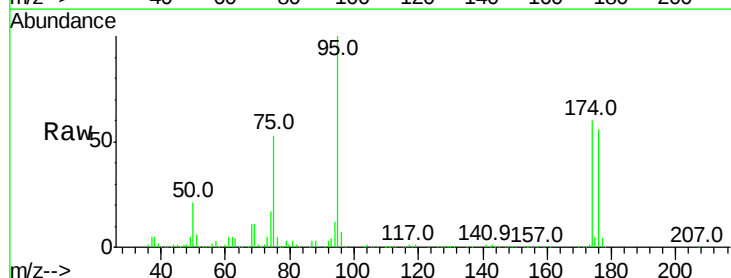
Tgt Ion: 95 Resp: 133849

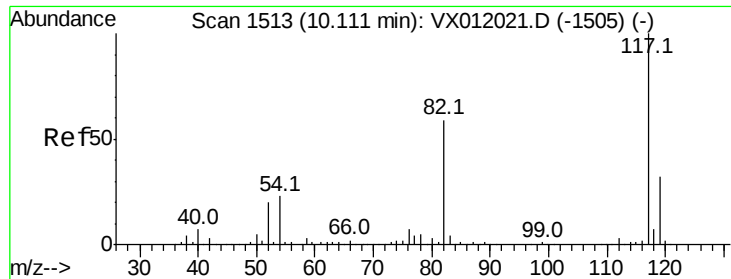
Ion Ratio Lower Upper

95 100

174 63.0 0.0 205.4

176 60.5 0.0 201.8

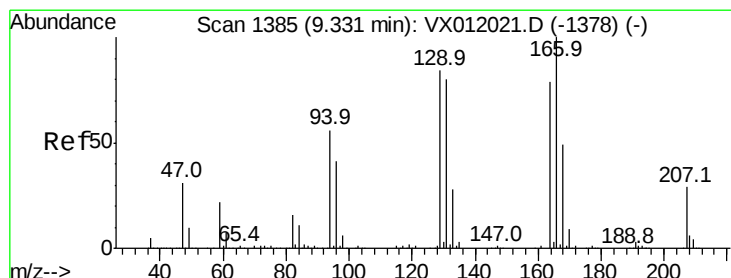
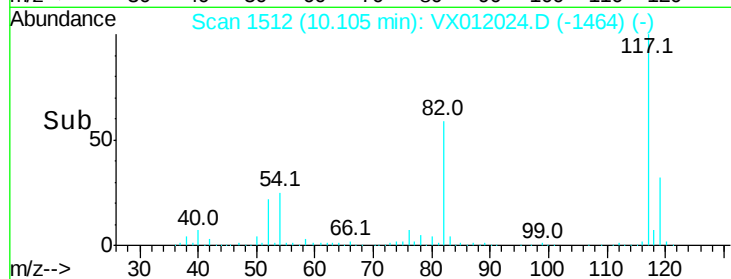
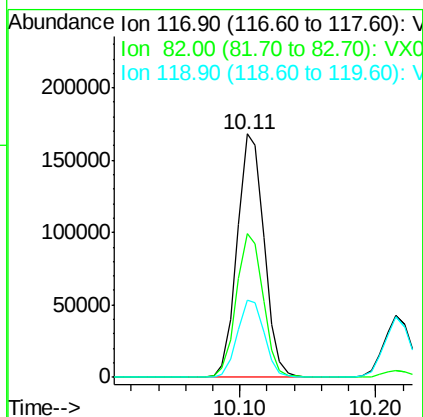
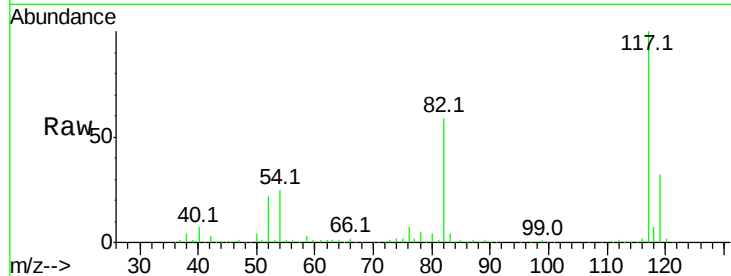




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

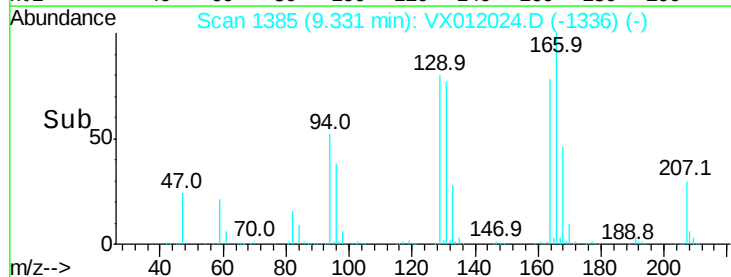
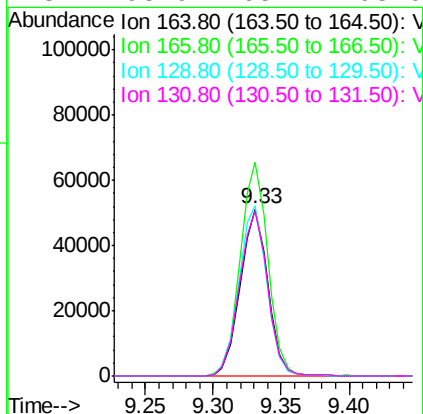
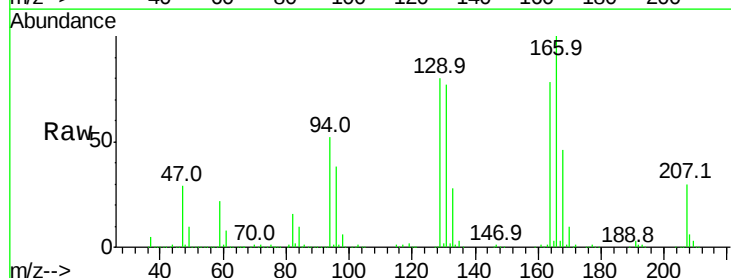
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

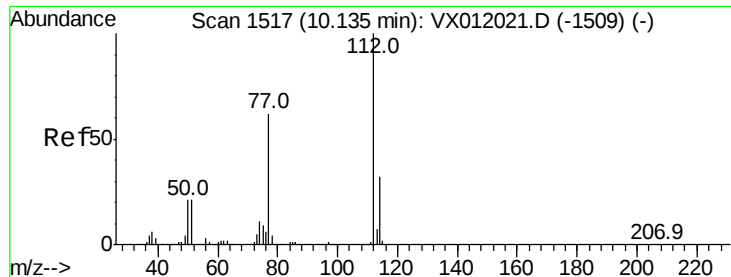
Tgt Ion:117 Resp: 232330
Ion Ratio Lower Upper
117 100
82 59.1 39.4 59.0#
119 31.8 26.1 39.1



#64
Tetrachloroethene
Concen: 49.931 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion:164 Resp: 72322
Ion Ratio Lower Upper
164 100
166 128.3 104.3 156.5
129 102.1 68.3 102.5
131 98.9 65.4 98.0#





#65

Chlorobenzene

Concen: 51.478 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

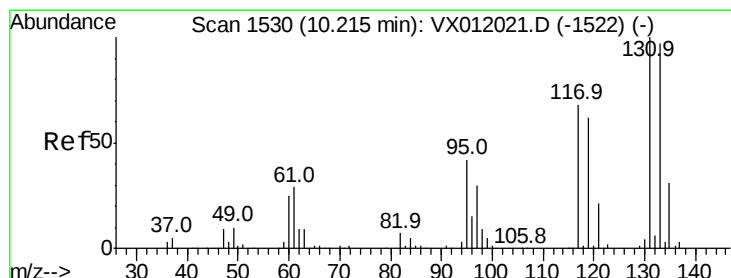
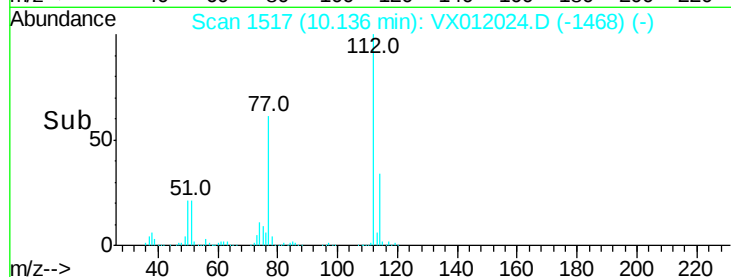
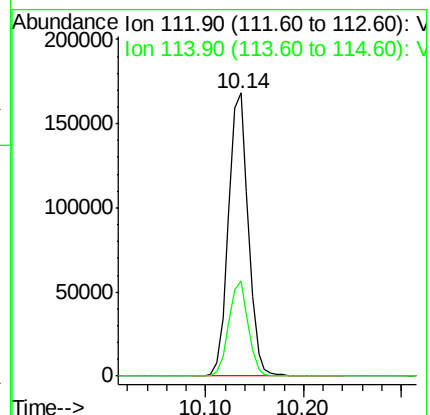
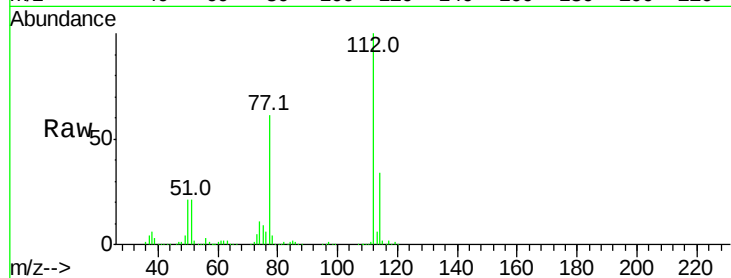
ICVVX090319

Tgt Ion:112 Resp: 235976

Ion Ratio Lower Upper

112 100

114 33.7 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.320 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

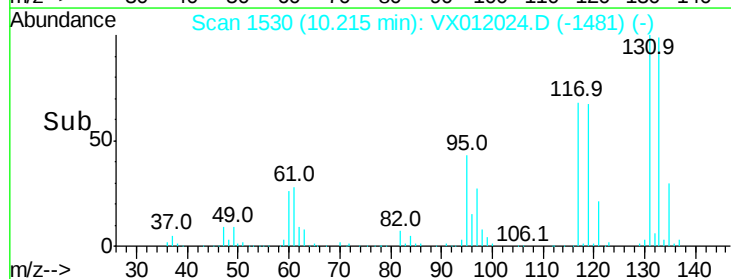
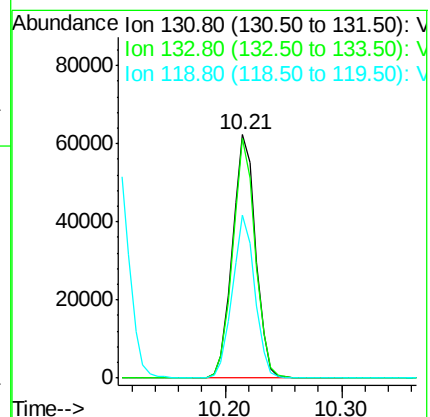
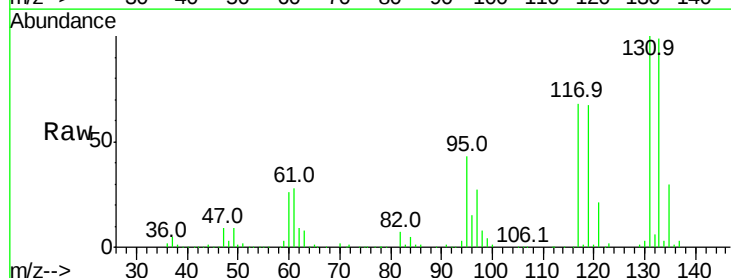
Tgt Ion:131 Resp: 86020

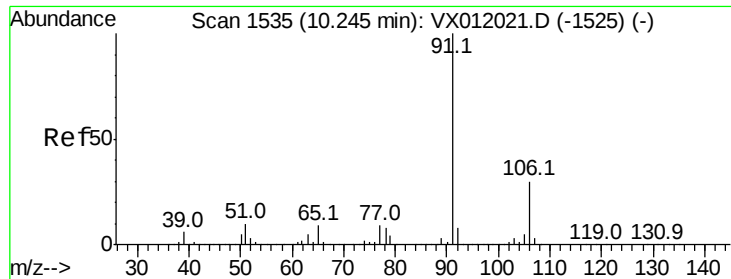
Ion Ratio Lower Upper

131 100

133 95.9 48.4 145.0

119 65.2 30.5 91.5

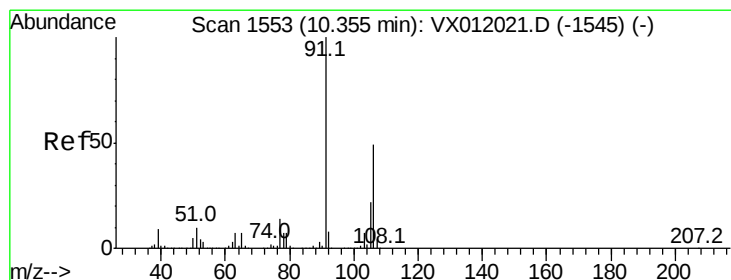
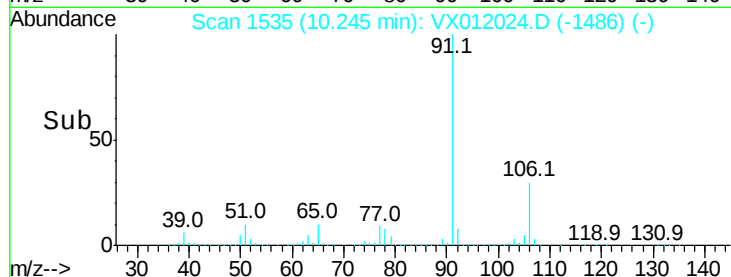
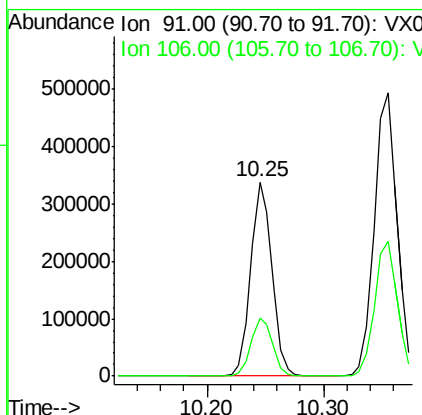
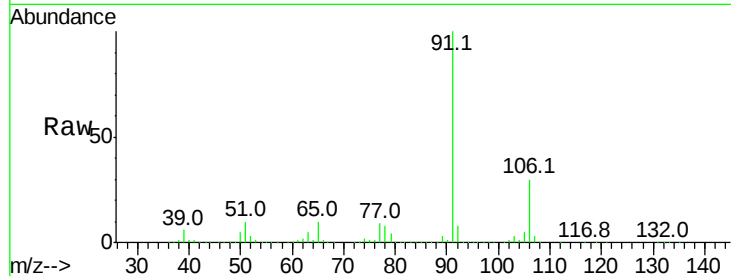




#67
Ethyl Benzene
Concen: 51.888 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

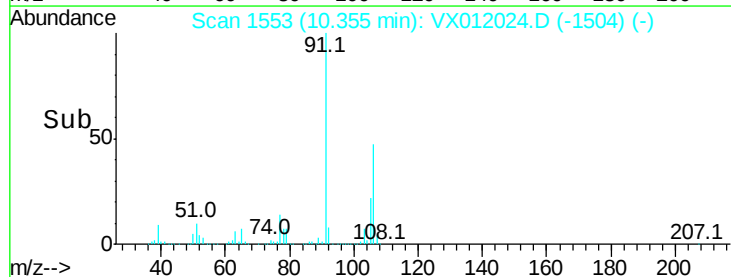
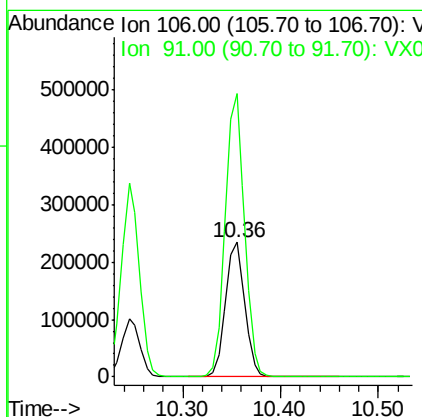
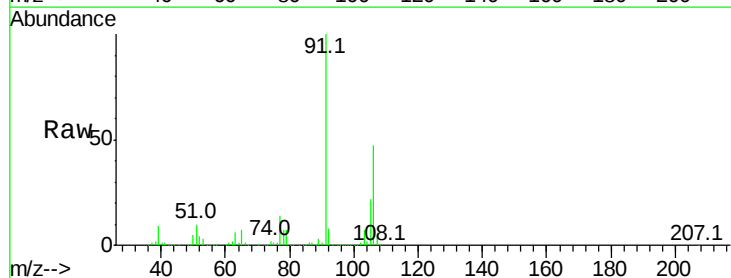
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

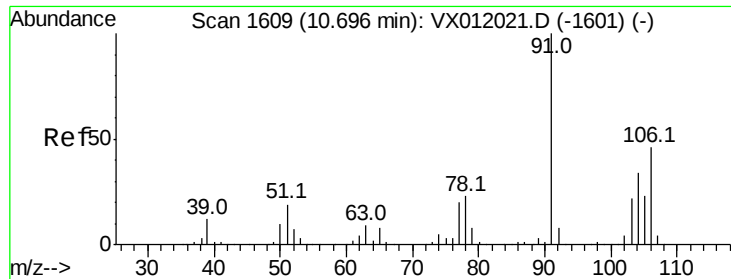
Tgt Ion: 91 Resp: 433567
Ion Ratio Lower Upper
91 100
106 30.0 25.8 38.8



#68
m/p-Xylenes
Concen: 103.976 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion: 106 Resp: 320100
Ion Ratio Lower Upper
106 100
91 210.5 157.5 236.3

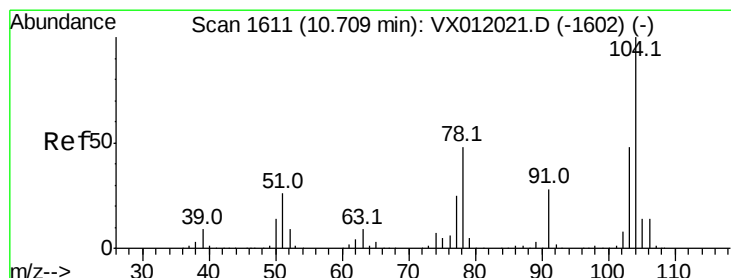
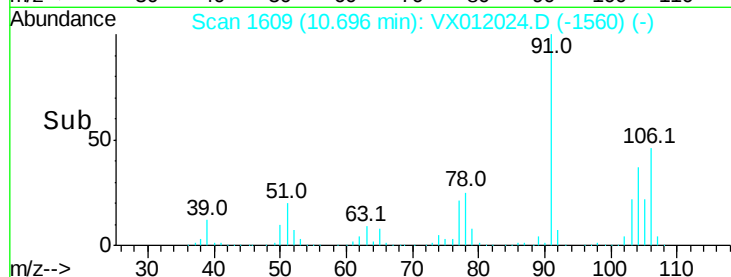
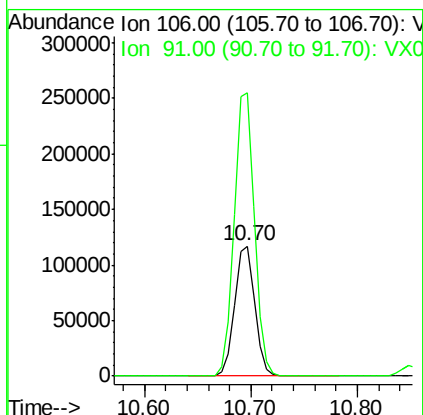
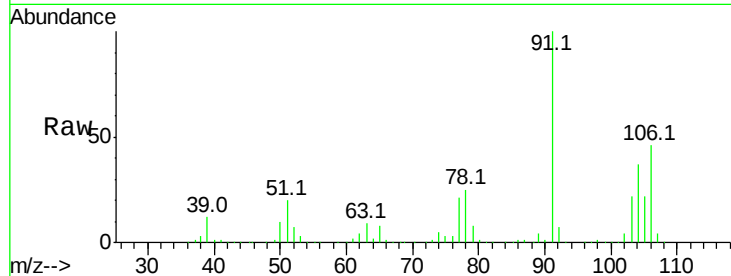




#69
o-Xylene
Concen: 52.175 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

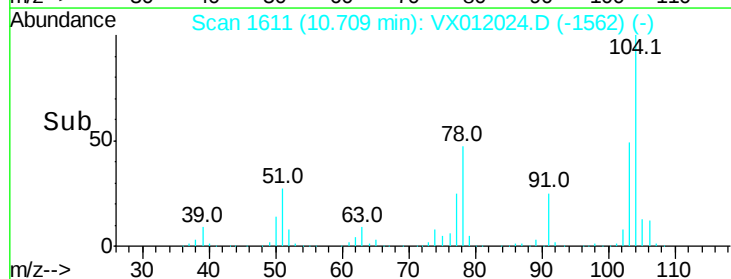
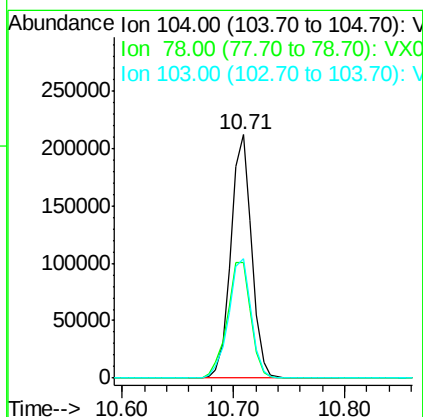
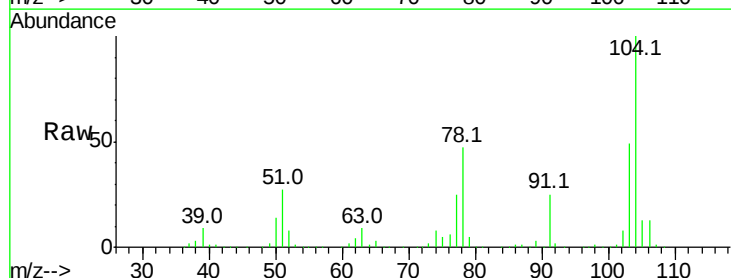
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

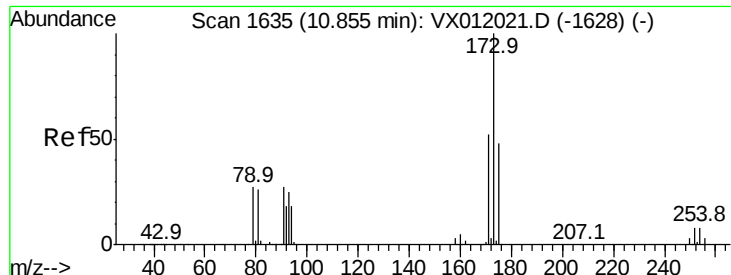
Tgt Ion:106 Resp: 155756
Ion Ratio Lower Upper
106 100
91 219.4 103.5 310.3



#70
Styrene
Concen: 52.308 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion:104 Resp: 271230
Ion Ratio Lower Upper
104 100
78 54.8 39.1 58.7
103 53.9 43.4 65.2





#71

Bromoform

Concen: 50.486 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX090319

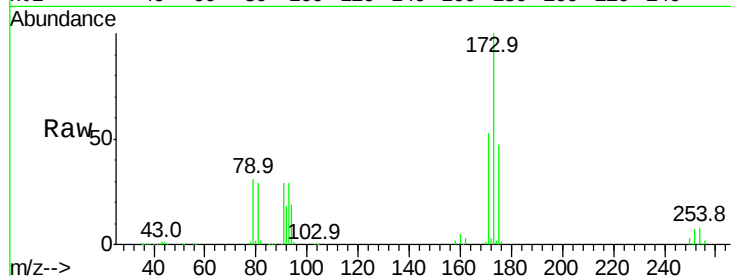
Tgt Ion:173 Resp: 46478

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.7

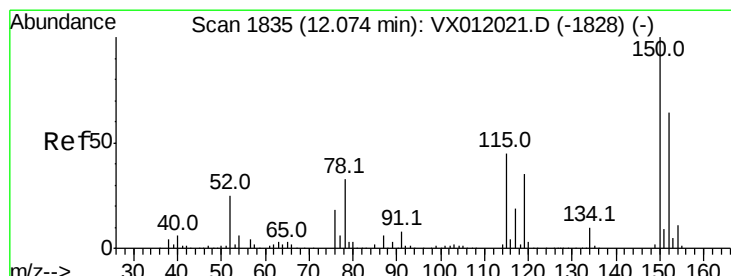
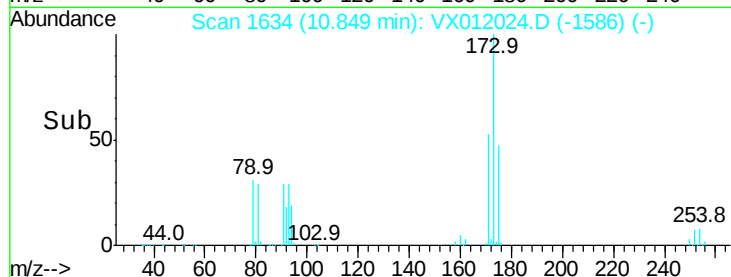
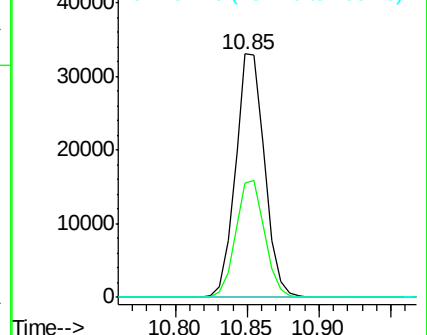
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

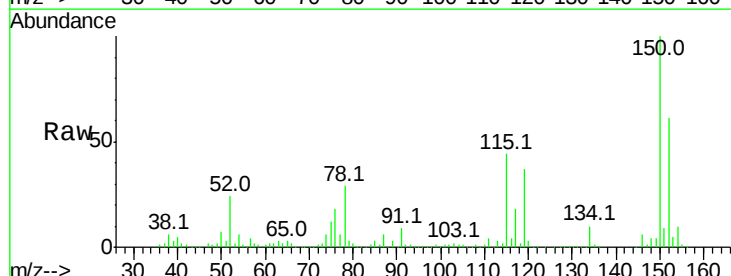
Tgt Ion:152 Resp: 111746

Ion Ratio Lower Upper

152 100

115 94.8 36.4 109.3

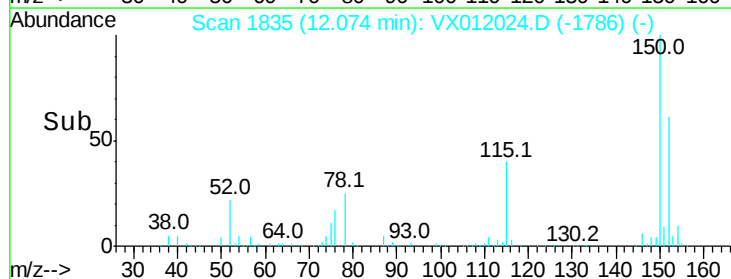
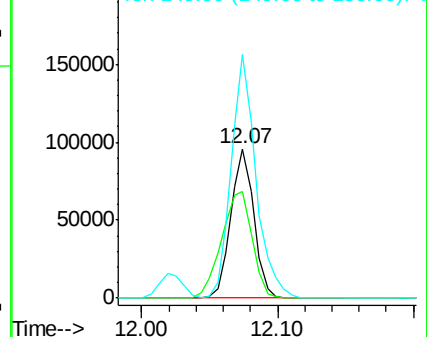
150 176.7 0.0 341.2

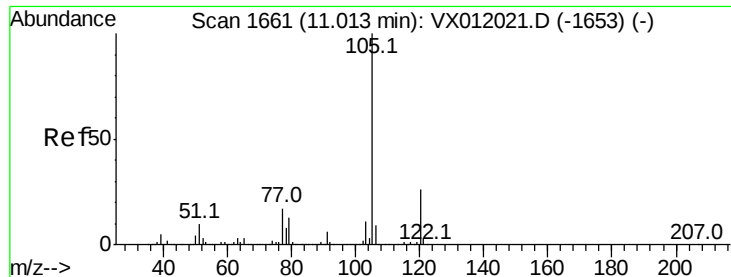


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.912 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

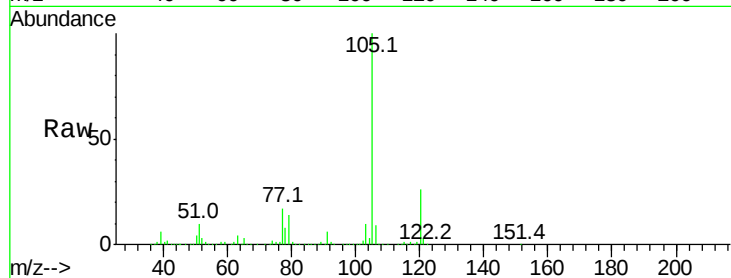
ICVVX090319

Tgt Ion:105 Resp: 417426

Ion Ratio Lower Upper

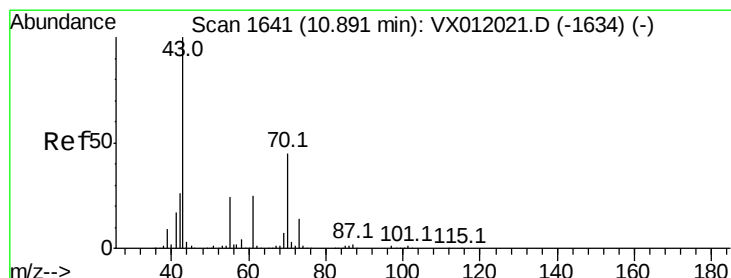
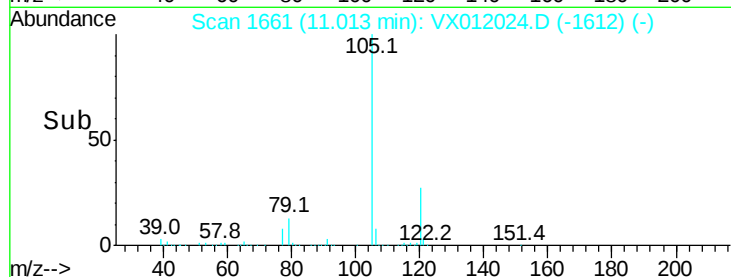
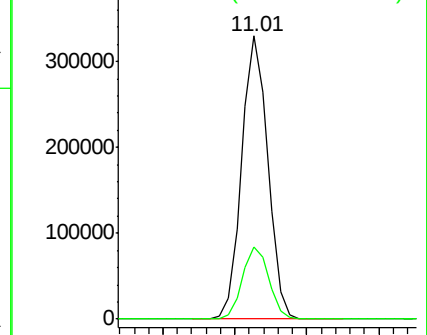
105 100

120 25.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.284 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Tgt Ion: 43 Resp: 119473

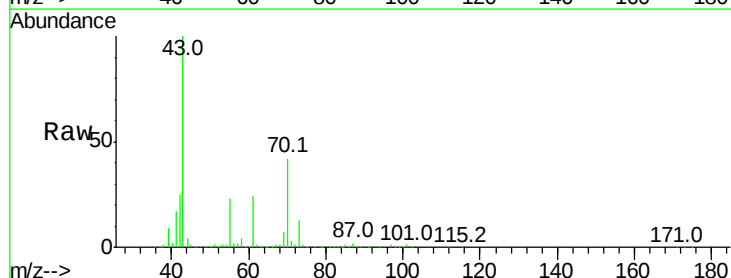
Ion Ratio Lower Upper

43 100

70 42.4 34.4 51.6

55 23.1 18.5 27.7

61 24.3 19.5 29.3

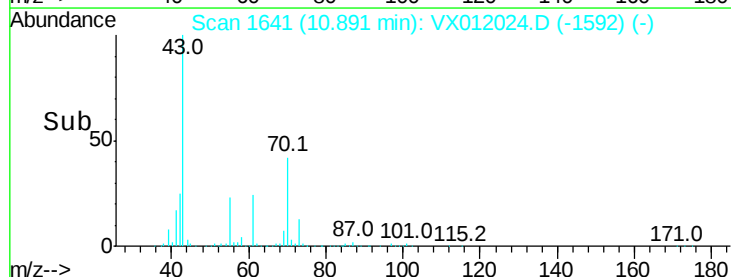
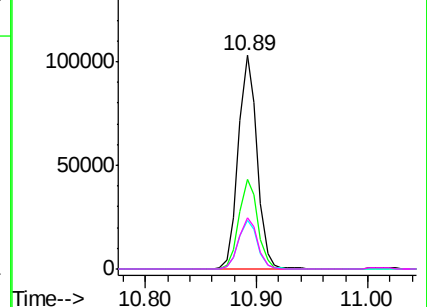


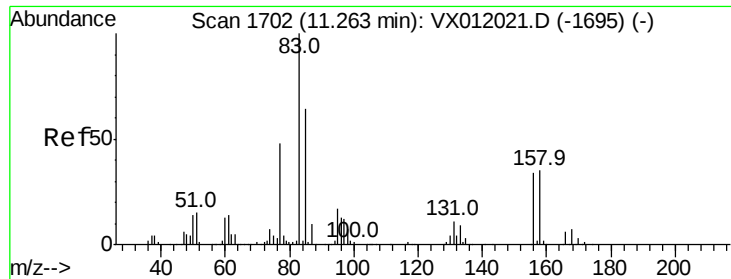
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.581 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

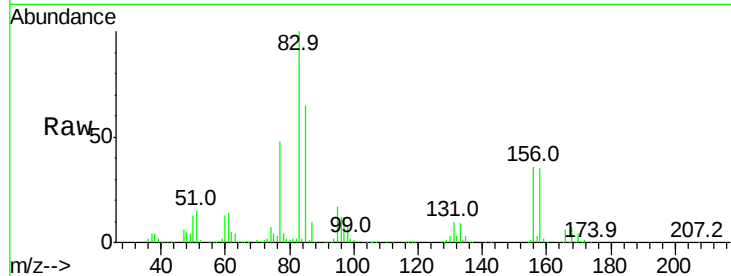
Tgt Ion: 83 Resp: 81329

Ion Ratio Lower Upper

83 100

131 10.6 6.3 19.1

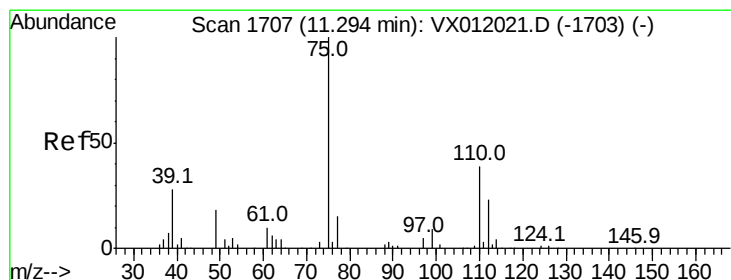
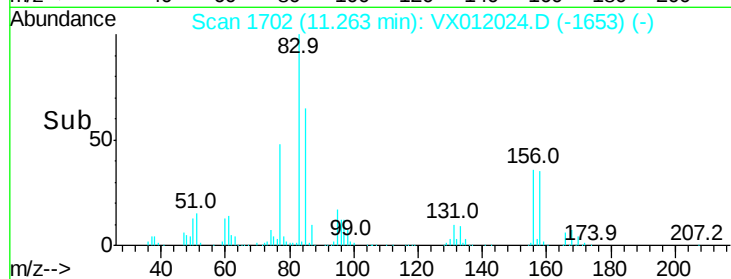
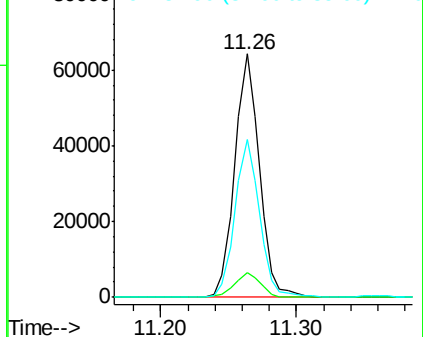
85 64.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.184 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012024.D

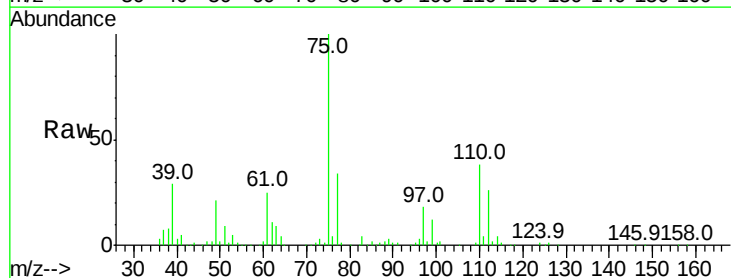
Acq: 03 Sep 2019 15:44

Tgt Ion: 75 Resp: 91731

Ion Ratio Lower Upper

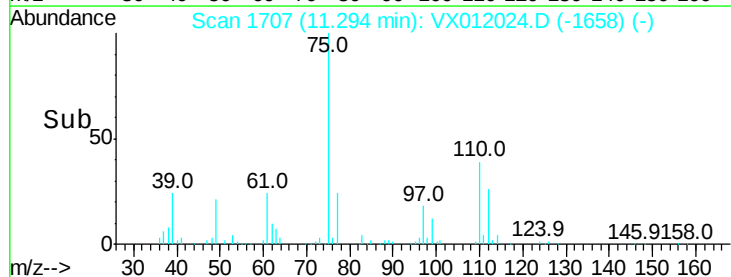
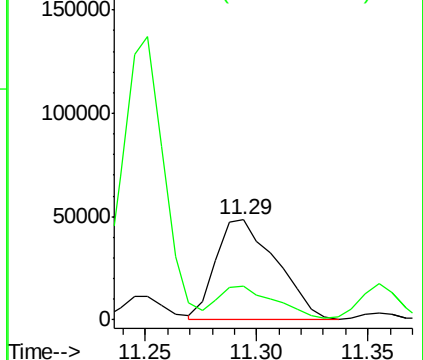
75 100

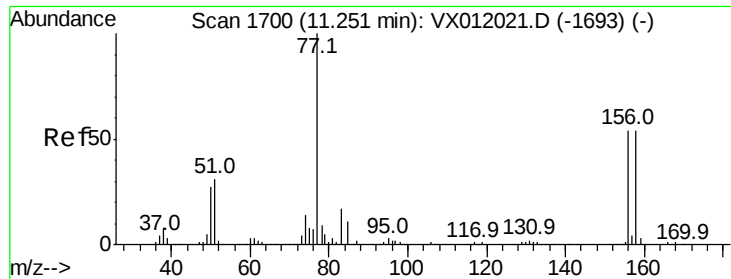
77 31.7 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.990 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

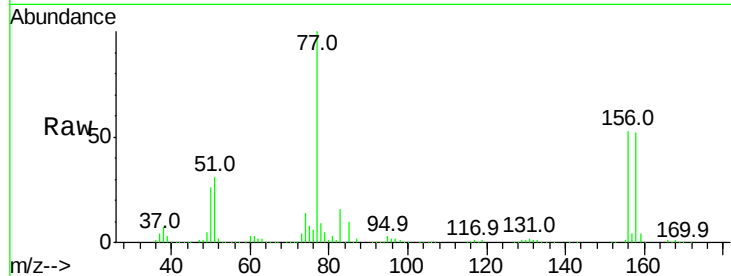
Tgt Ion:156 Resp: 93501

Ion Ratio Lower Upper

156 100

77 190.9 63.4 190.2#

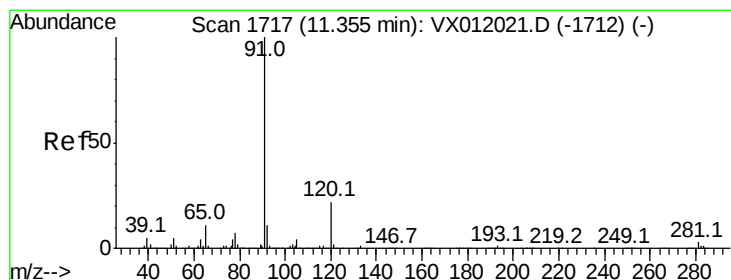
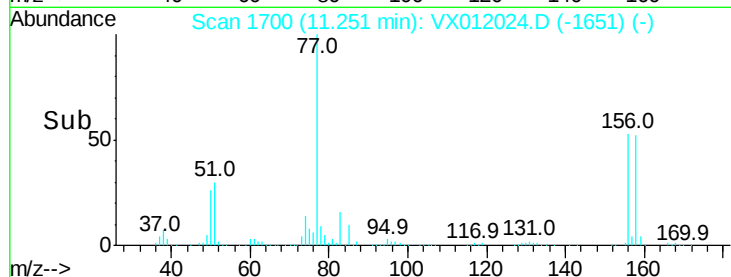
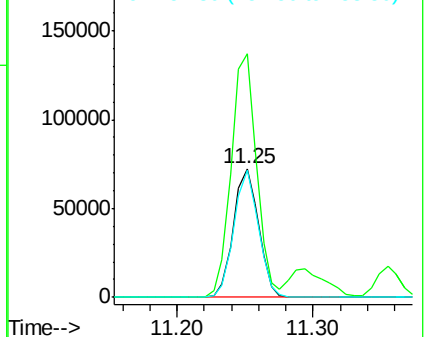
158 96.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.434 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012024.D

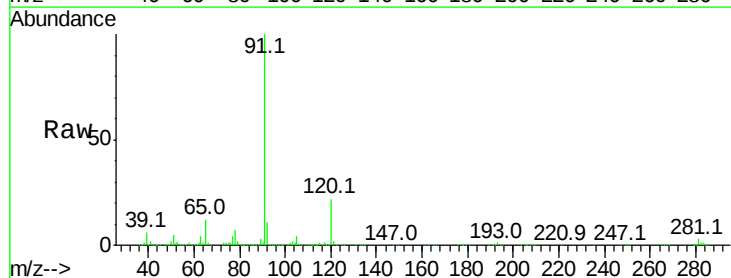
Acq: 03 Sep 2019 15:44

Tgt Ion: 91 Resp: 499568

Ion Ratio Lower Upper

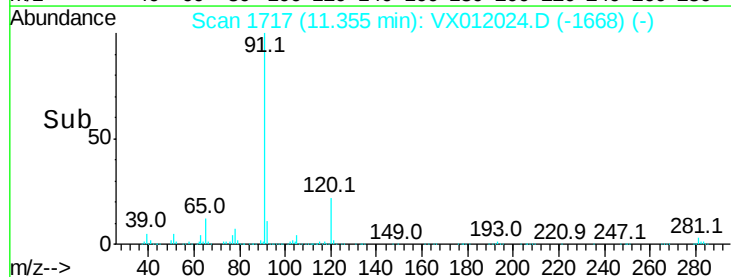
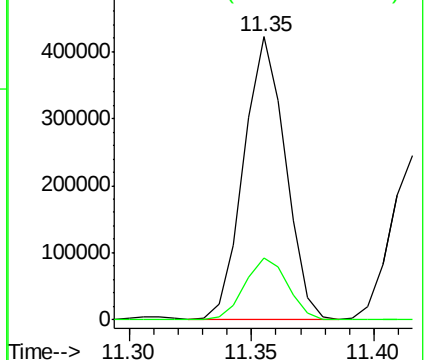
91 100

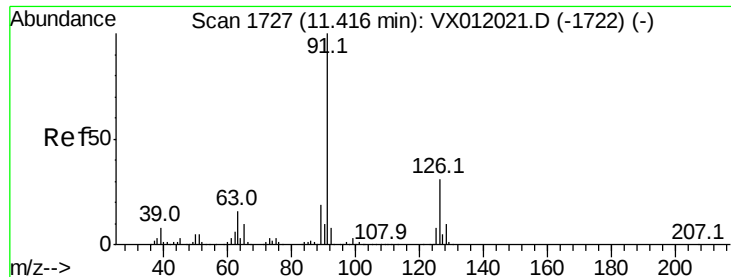
120 22.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.726 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

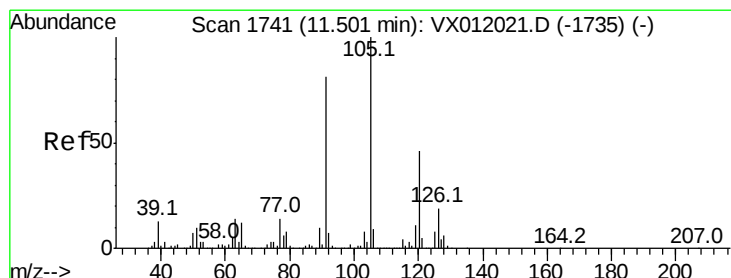
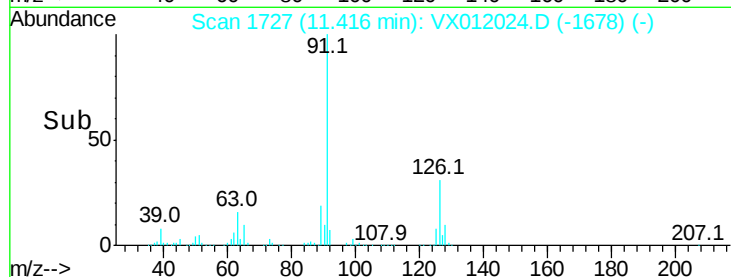
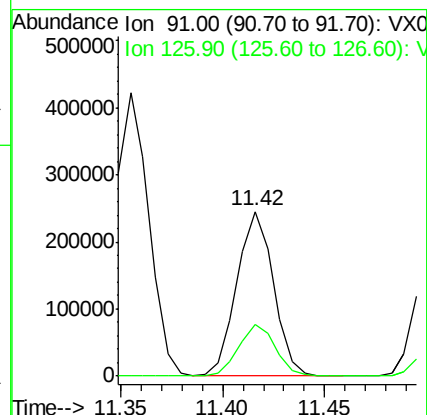
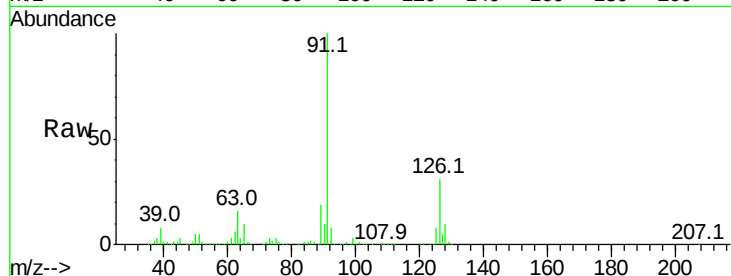
ICVVX090319

Tgt Ion: 91 Resp: 304403

Ion Ratio Lower Upper

91 100

126 31.3 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 51.002 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012024.D

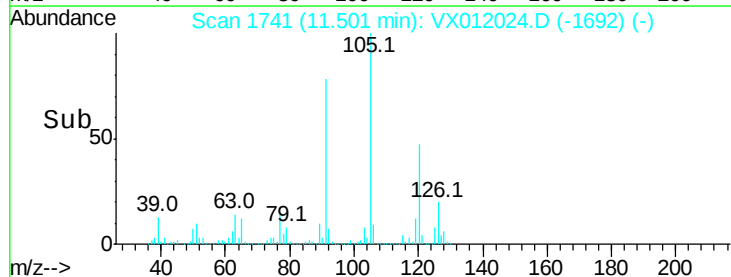
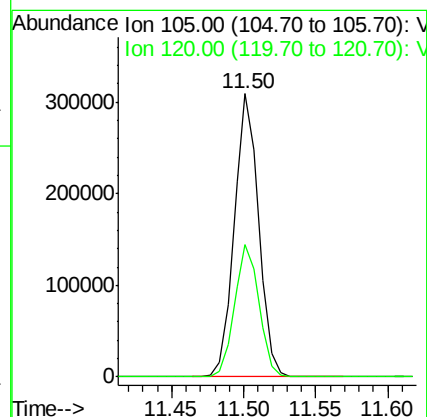
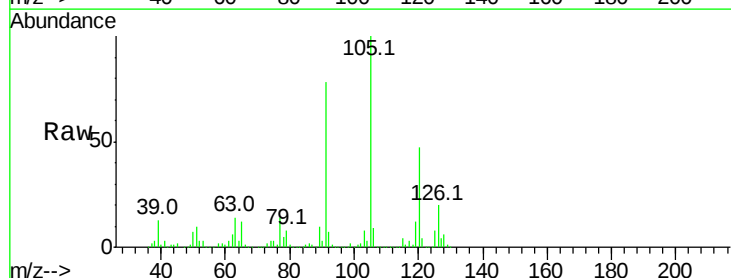
Acq: 03 Sep 2019 15:44

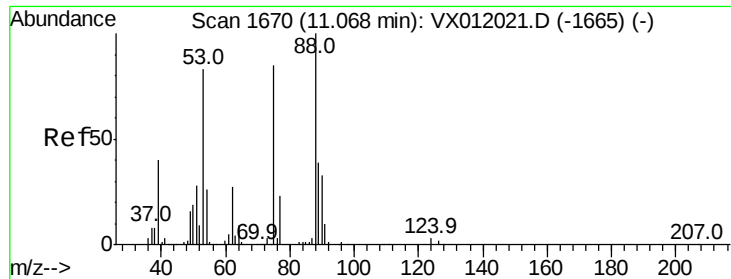
Tgt Ion: 105 Resp: 366451

Ion Ratio Lower Upper

105 100

120 47.2 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.450 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

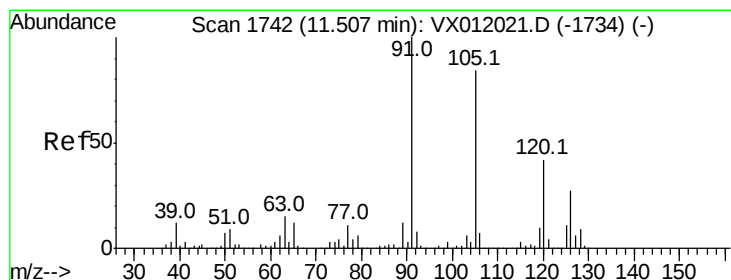
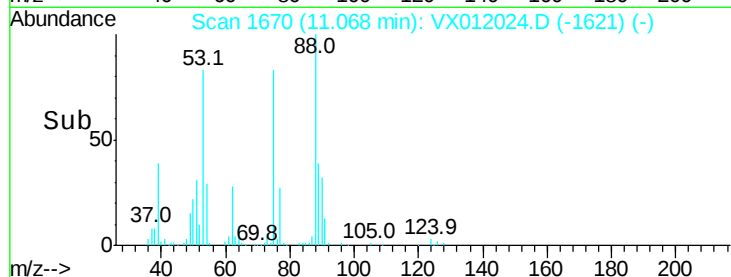
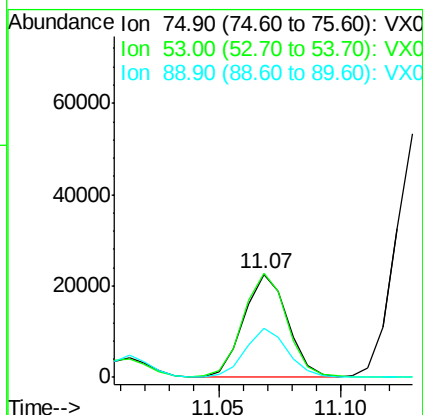
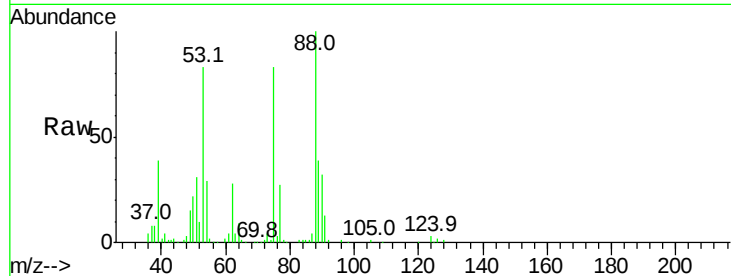
Tgt Ion: 75 Resp: 27981

Ion Ratio Lower Upper

75 100

53 103.1 78.6 117.8

89 46.9 38.8 58.2



#82

4-Chlorotoluene

Concen: 51.008 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012024.D

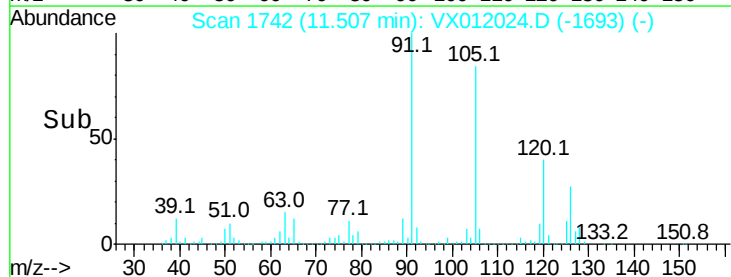
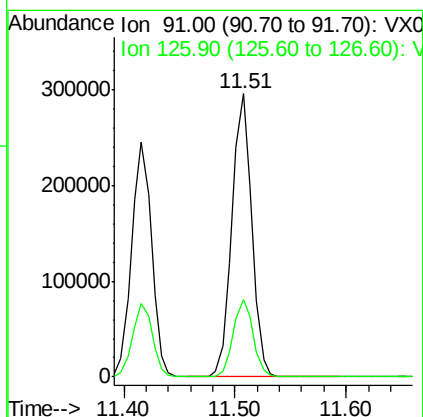
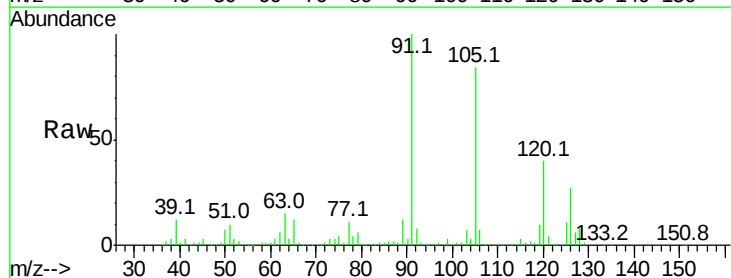
Acq: 03 Sep 2019 15:44

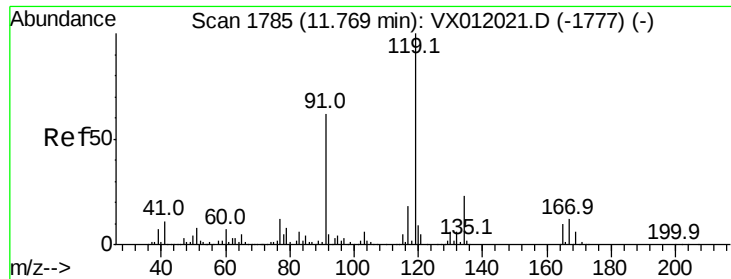
Tgt Ion: 91 Resp: 364833

Ion Ratio Lower Upper

91 100

126 27.5 16.2 48.6

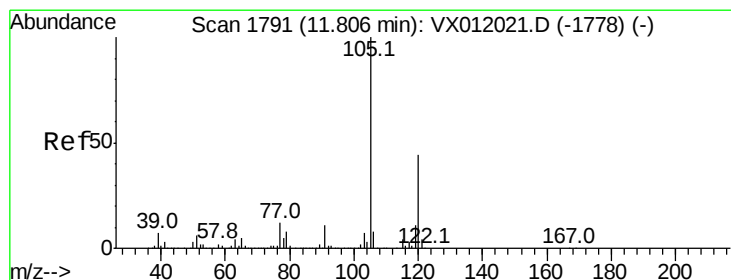
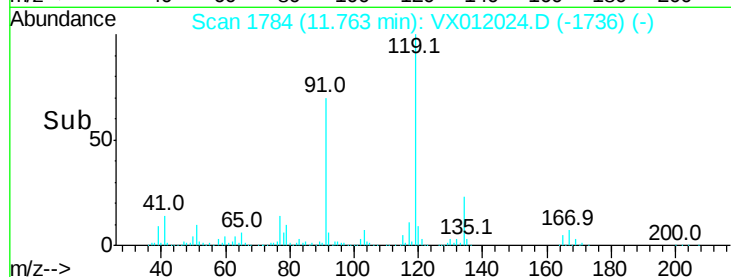
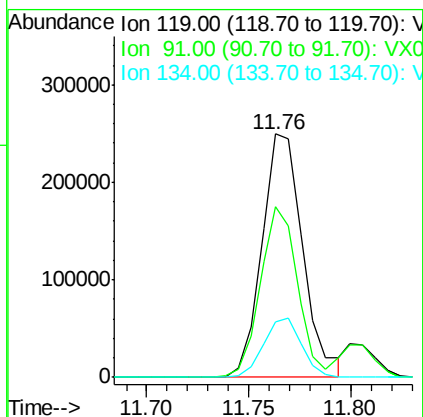
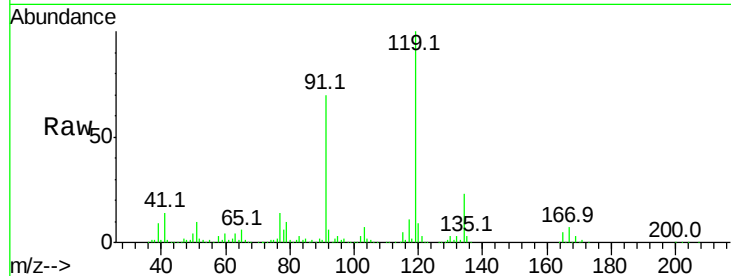




#83
 tert-Butylbenzene
 Concen: 50.994 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

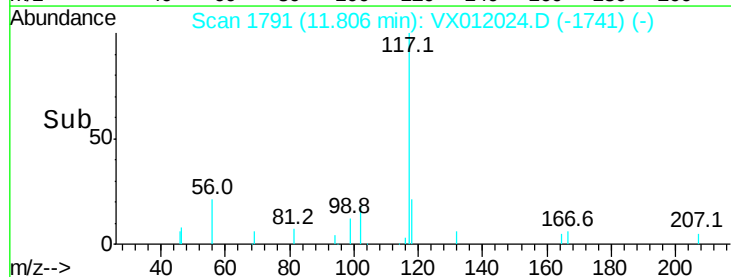
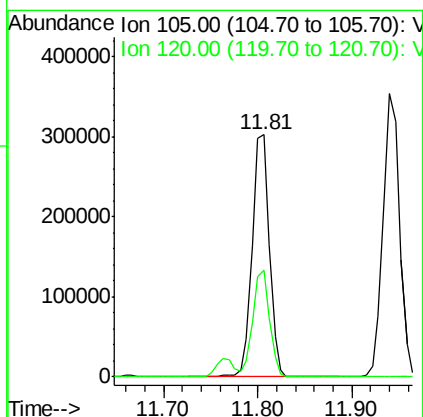
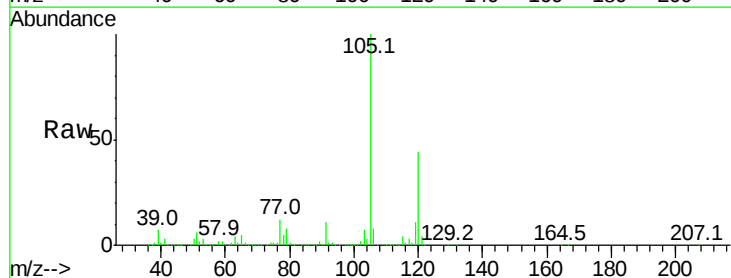
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

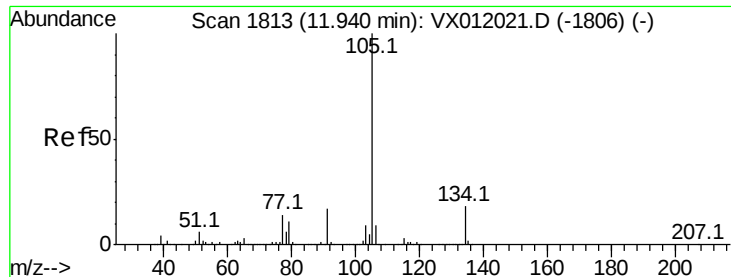
Tgt Ion:119 Resp: 349219
 Ion Ratio Lower Upper
 119 100
 91 63.5 27.1 81.2
 134 22.6 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.183 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion:105 Resp: 385352
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.6 70.8

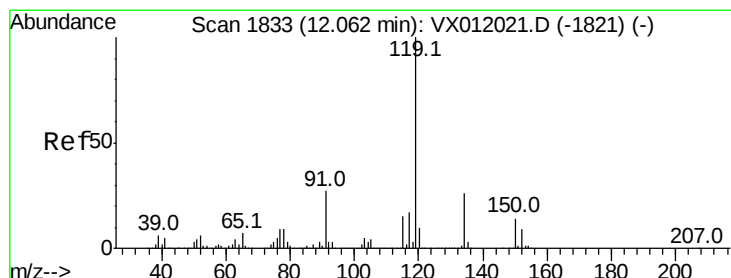
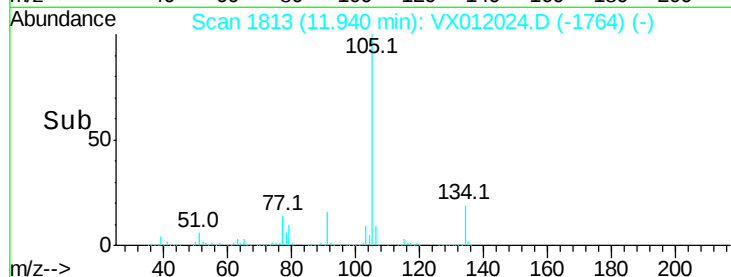
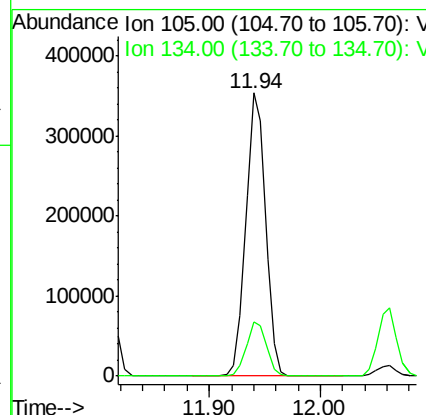
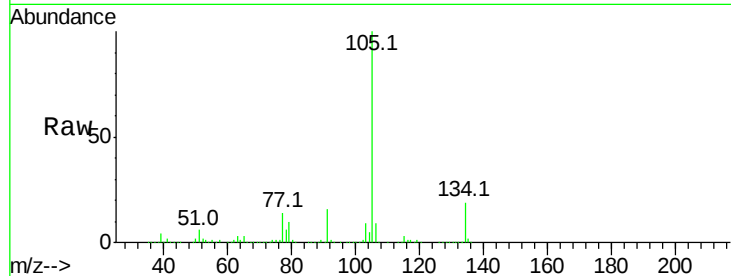




#85
 sec-Butylbenzene
 Concen: 50.938 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

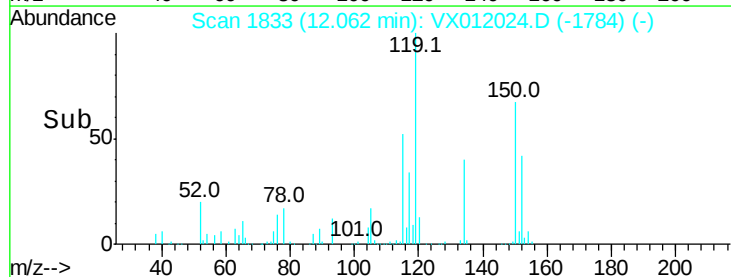
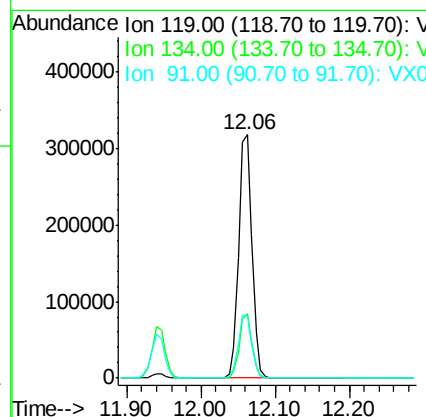
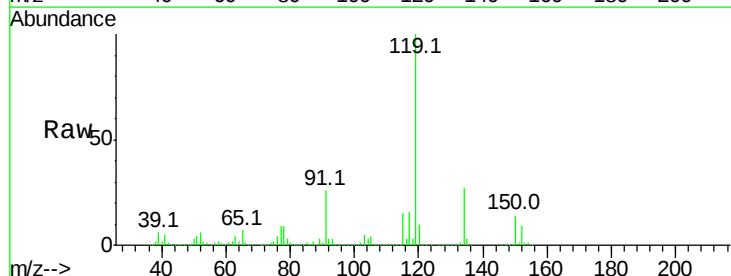
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

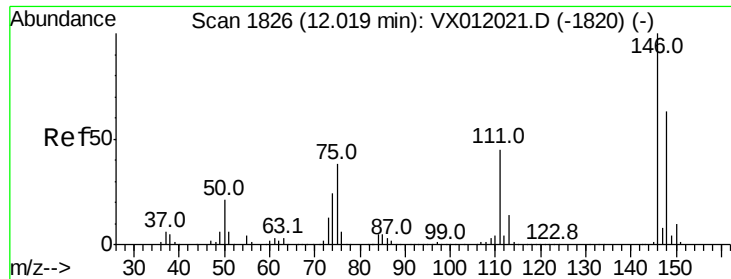
Tgt Ion:105 Resp: 433279
 Ion Ratio Lower Upper
 105 100
 134 19.3 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 51.710 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion:119 Resp: 400015
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.7 41.1
 91 26.0 11.4 34.1

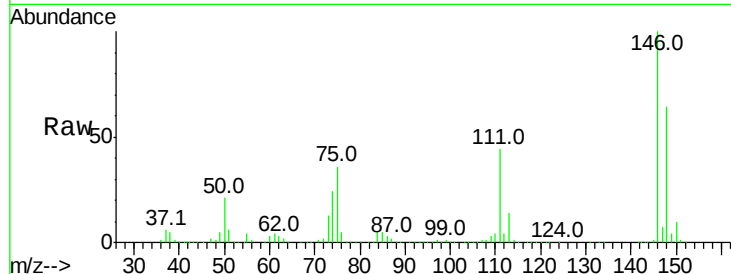




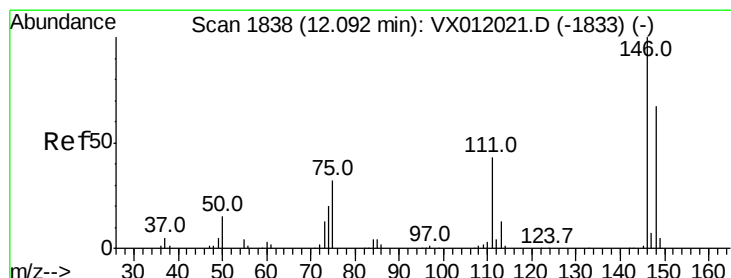
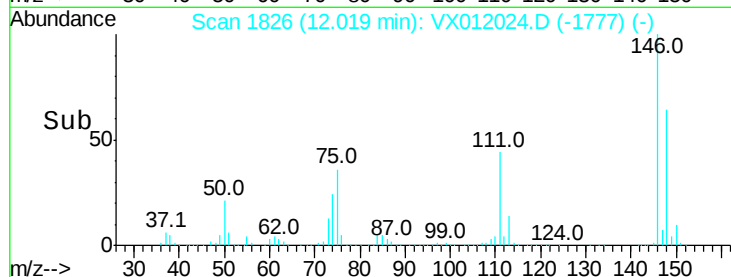
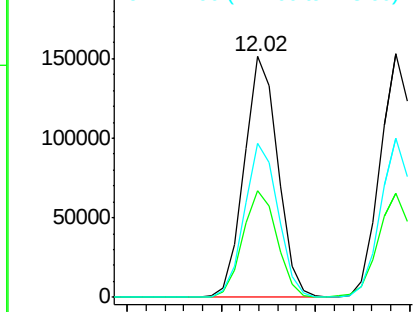
#87
 1,3-Dichlorobenzene
 Concen: 51.025 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

Tgt Ion:146 Resp: 187487
 Ion Ratio Lower Upper
 146 100
 111 45.0 18.1 54.1
 148 64.0 32.6 97.8

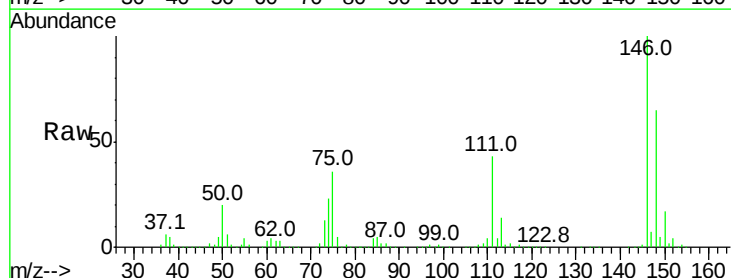


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

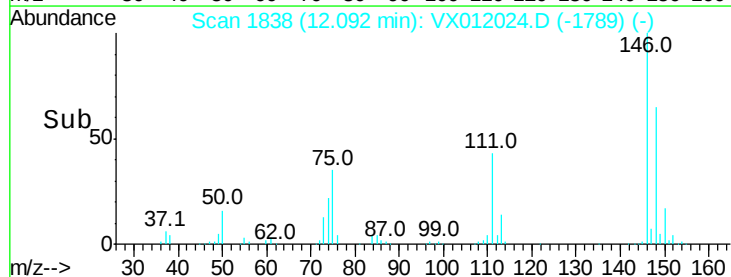
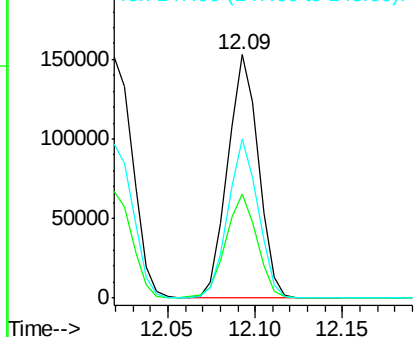


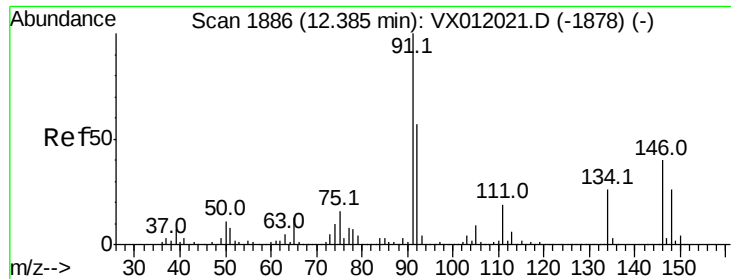
#88
 1,4-Dichlorobenzene
 Concen: 50.856 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion:146 Resp: 186845
 Ion Ratio Lower Upper
 146 100
 111 43.8 17.7 53.1
 148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.263 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012024.D

Acq: 03 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090319

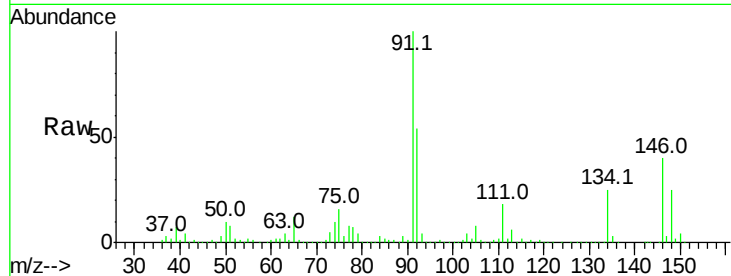
Tgt Ion: 91 Resp: 385224

Ion Ratio Lower Upper

91 100

92 54.9 27.6 82.8

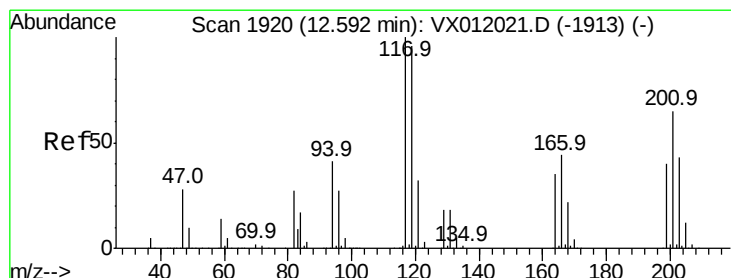
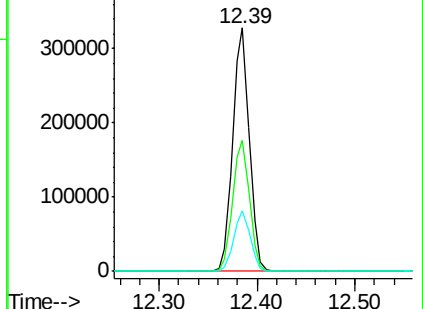
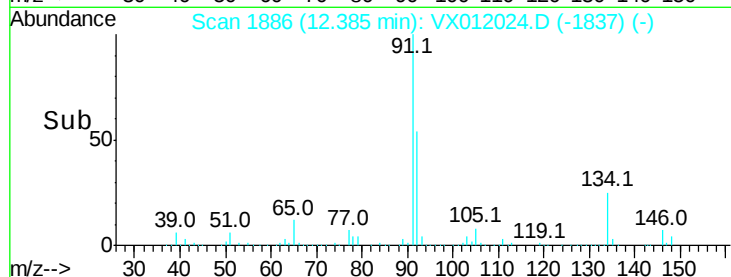
134 24.6 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX012021.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012021.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012021.D (-1878) (-)



#90

Hexachloroethane

Concen: 49.217 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012024.D

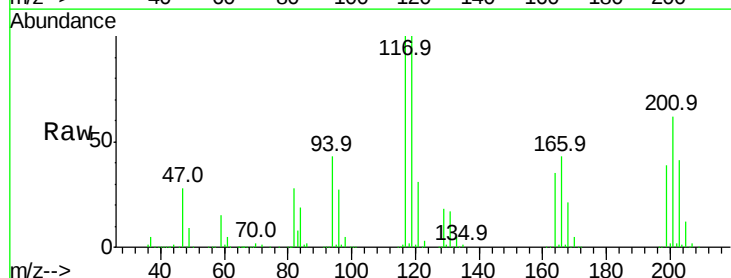
Acq: 03 Sep 2019 15:44

Tgt Ion: 117 Resp: 76019

Ion Ratio Lower Upper

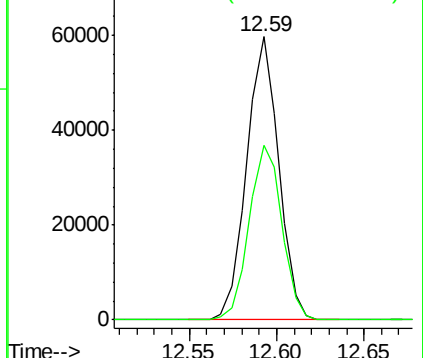
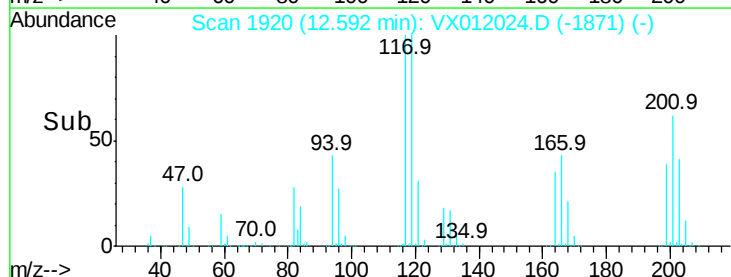
117 100

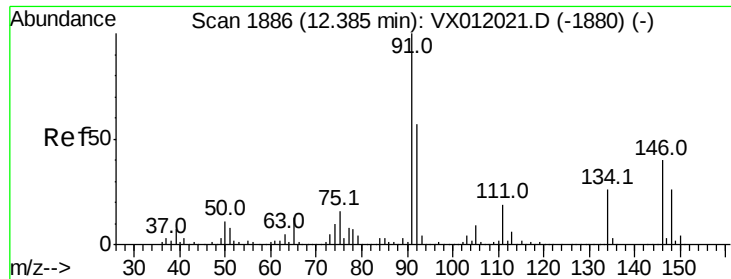
201 63.0 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): VX012021.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012021.D (-1913) (-)

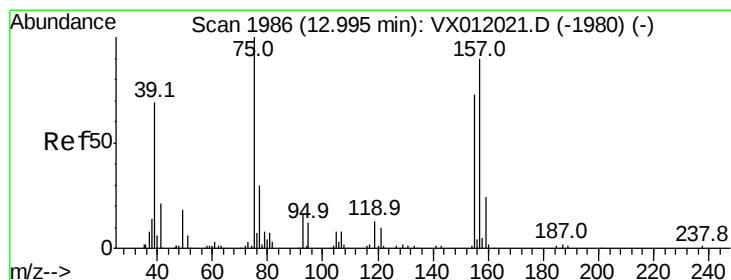
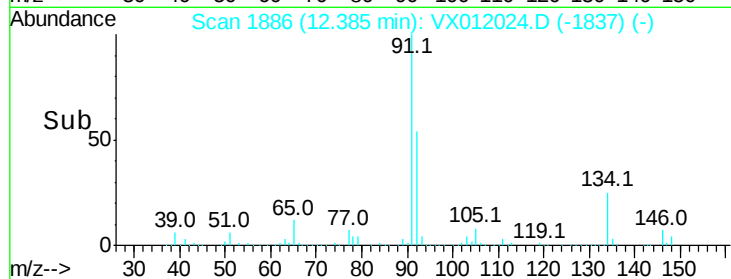
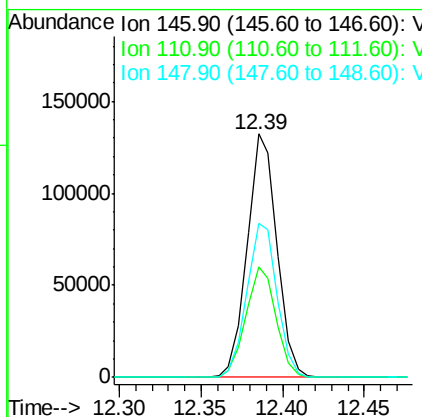
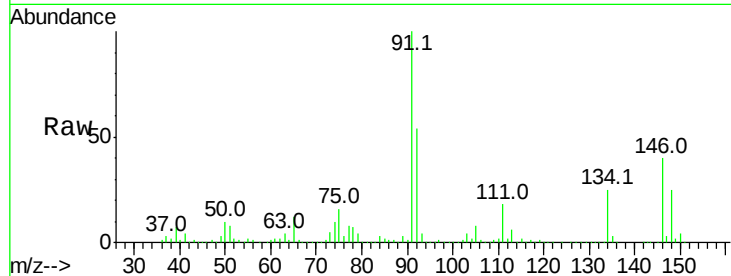




#91
 1,2-Dichlorobenzene
 Concen: 50.765 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

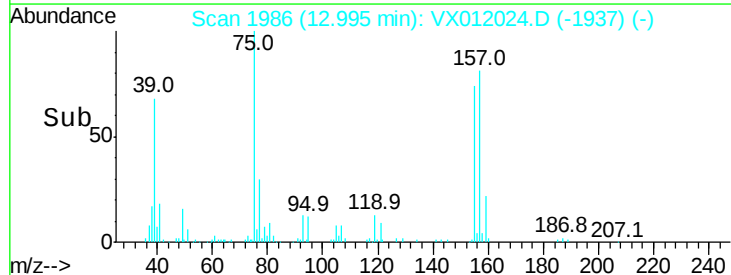
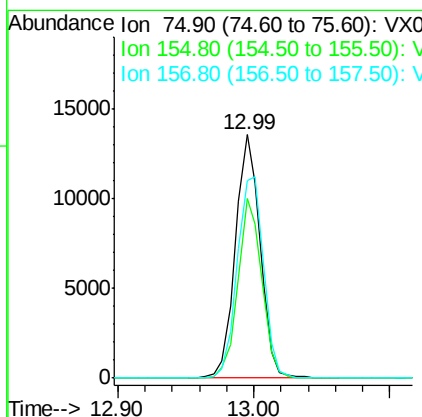
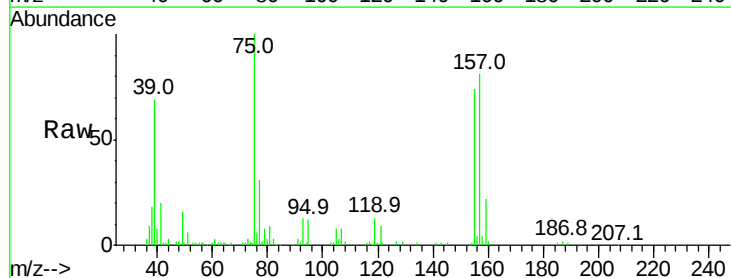
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

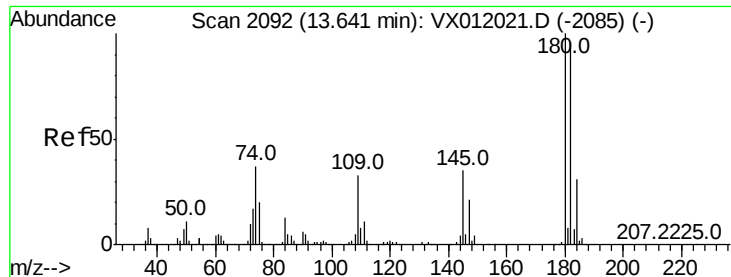
Tgt Ion:146 Resp: 167994
 Ion Ratio Lower Upper
 146 100
 111 45.9 18.6 56.0
 148 64.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.029 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion: 75 Resp: 17179
 Ion Ratio Lower Upper
 75 100
 155 70.9 51.7 155.2
 157 87.8 66.9 200.7

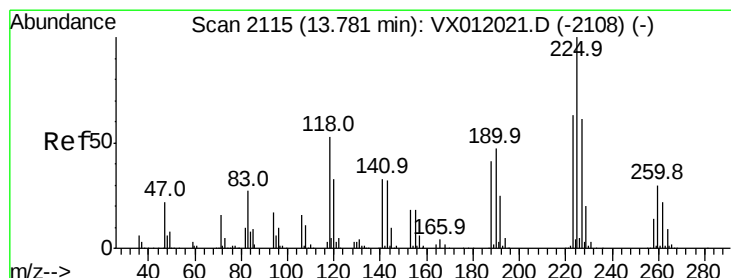
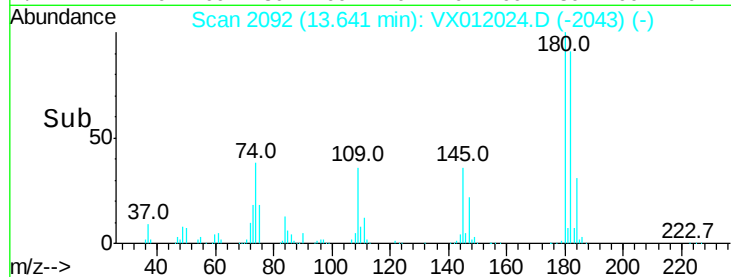
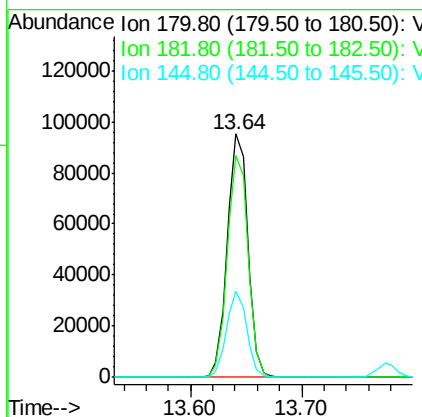
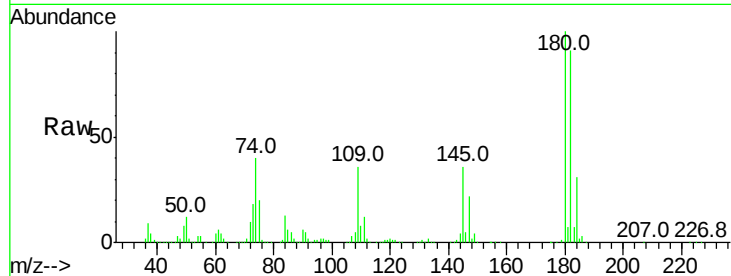




#93
 1,2,4-Trichlorobenzene
 Concen: 51.511 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

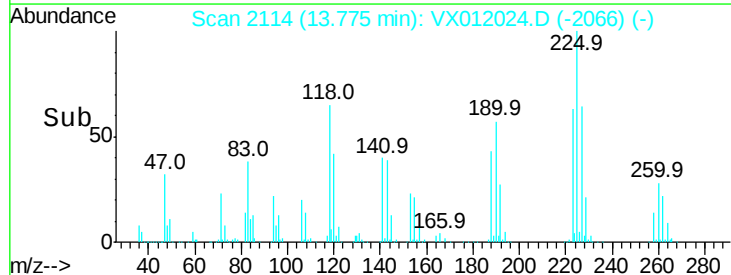
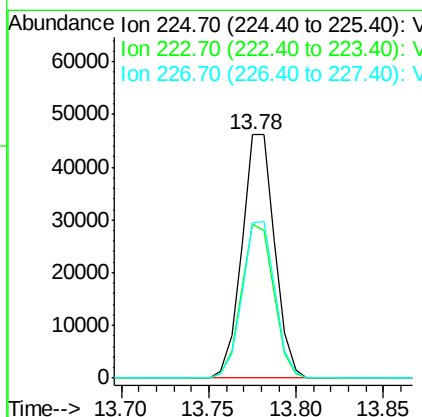
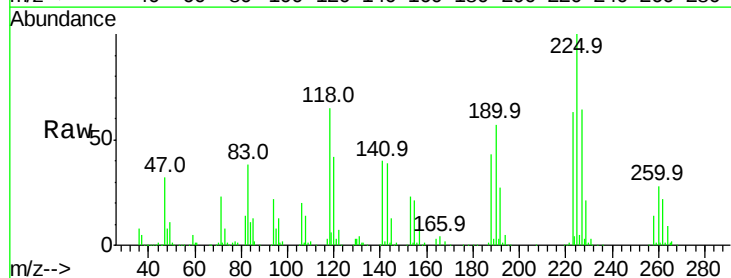
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090319

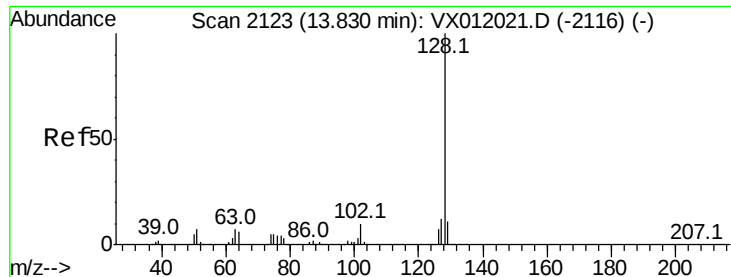
Tgt Ion:180 Resp: 121330
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.3 142.0
 145 34.9 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 50.488 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012024.D
 Acq: 03 Sep 2019 15:44

Tgt Ion:225 Resp: 59946
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.8 32.5 97.5

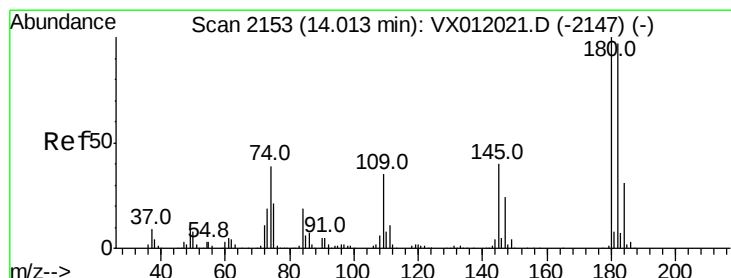
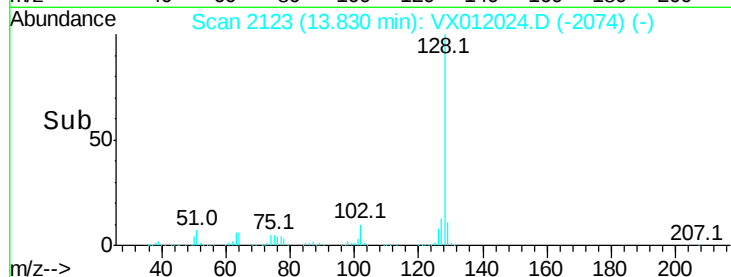
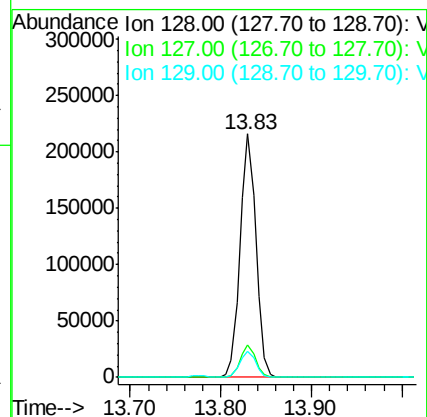
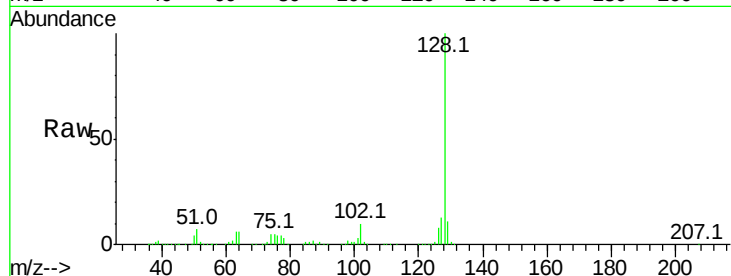




#95
Naphthalene
Concen: 51.557 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090319

Tgt Ion:128 Resp: 262825
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.228 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012024.D
Acq: 03 Sep 2019 15:44

Tgt Ion:180 Resp: 108228
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.6
145 37.3 14.1 42.4

