

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007925.D
 Acq On : 08 Mar 2019 12:06
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Quant Time: Mar 09 03:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	46672	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	254080	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	223411	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	91526	29.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.47%
60) 4-Bromofluorobenzene	11.13	95	106580	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	8.71	98	307359	30.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	51750	18.677 ug/l	98
3) Chloromethane	1.33	50	56024	18.183 ug/l	97
4) Vinyl Chloride	1.41	62	54874	17.980 ug/l	100
5) Bromomethane	1.64	94	35918	23.606 ug/l	99
6) Chloroethane	1.73	64	32497	18.232 ug/l	97
7) Trichlorofluoromethane	1.93	101	67551	17.774 ug/l	97
8) Diethyl Ether	2.19	74	37032	18.921 ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54172	18.959 ug/l	98
10) 1,1-Dichloroethene	2.38	96	51949	19.182 ug/l	96
11) Methyl Iodide	2.51	142	69867	16.480 ug/l	93
12) Methyl Acetate	2.78	43	78704	18.375 ug/l	94
13) Acrolein	2.30	56	50469	100.436 ug/l	98
14) Acrylonitrile	3.15	53	176508	97.078 ug/l	100
15) Acetone	2.45	58	58107	88.518 ug/l	97
16) Carbon Disulfide	2.57	76	170689	20.088 ug/l	99
17) Allyl chloride	2.73	41	105586	19.016 ug/l	91
18) Methylene Chloride	2.86	84	58622	19.000 ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	55534	19.380 ug/l	96
20) Diisopropyl ether	3.87	45	195226	19.220 ug/l	91
21) 1,1-Dichloroethane	3.70	63	103681	18.768 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	63174	19.112 ug/l	92
23) tert-Butyl Alcohol	3.07	59	73472	100.164 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	179709	19.300 ug/l	96
25) Chloroform	5.21	83	97834	18.763 ug/l	99
26) Cyclohexane	5.58	56	98152	19.227 ug/l	# 90
29) 1,1-Dichloropropene	5.80	75	78213	19.414 ug/l	96
30) 2-Butanone	4.70	43	258134	95.001 ug/l	97
31) 2,2-Dichloropropane	4.58	77	70051	18.826 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	81517	18.712 ug/l	98
33) Carbon Tetrachloride	5.78	117	71630	18.538 ug/l	99
34) Benzene	6.14	78	234725	19.012 ug/l	98
35) Methacrylonitrile	5.06	41	49414	18.662 ug/l	95
36) 1,2-Dichloroethane	6.20	62	75999	18.921 ug/l	99
37) Trichloroethene	7.21	130	63092	18.862 ug/l	95
38) Methylcyclohexane	7.46	83	96063	18.755 ug/l	95
39) 1,2-Dichloropropane	7.51	63	60863	18.903 ug/l	99
40) Dibromomethane	7.66	93	38931	19.062 ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	71692	18.571	ug/l	99
42) Vinyl Acetate	3.82	43	858342	97.588	ug/l	97
43) Ethyl Acetate	4.85	43	89745	18.962	ug/l #	82
44) Isopropyl Acetate	6.46	43	137559	19.049	ug/l	99
45) 1,4-Dioxane	7.75	88	30155	399.120	ug/l	92
46) Methyl methacrylate	7.77	41	72192	19.008	ug/l	90
47) n-amyl Acetate	10.90	43	119495	19.204	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	76760	18.360	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	87919	18.571	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	58355	18.745	ug/l	97
51) Ethyl methacrylate	9.18	69	90726	19.217	ug/l	92
52) 1,3-Dichloropropane	9.37	76	97868	19.027	ug/l	99
53) Dibromochloromethane	9.59	129	59247	18.502	ug/l	99
54) 1,2-Dibromoethane	9.67	107	61813	18.993	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	219628	100.022	ug/l	99
56) Bromoform	10.86	173	47119	18.448	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	459522	99.902	ug/l	99
59) 2-Hexanone	9.49	43	360482	99.282	ug/l	100
61) Tetrachloroethene	9.34	164	62288	19.113	ug/l	98
62) Toluene	8.79	91	251813	19.303	ug/l	99
64) Chlorobenzene	10.14	112	160808	19.341	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	56903	19.115	ug/l	99
66) Ethyl Benzene	10.25	91	266859	19.045	ug/l	97
67) m/p-Xylenes	10.36	106	205839	38.310	ug/l	96
68) o-Xylene	10.70	106	100343	19.233	ug/l	98
69) Styrene	10.71	104	166357	19.351	ug/l	99
70) Isopropylbenzene	11.02	105	269002	19.295	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	90108	19.570	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	102823	23.691	ug/l	91
73) Bromobenzene	11.26	156	72776	19.635	ug/l	97
74) n-propylbenzene	11.36	91	299546	19.048	ug/l	99
75) 2-Chlorotoluene	11.42	91	180424	19.141	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	221502	19.171	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	23889	17.815	ug/l	95
78) 4-Chlorotoluene	11.51	91	201257	18.885	ug/l	97
79) tert-butylbenzene	12.06	119	236256	19.054	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	225106	19.196	ug/l	98
81) sec-Butylbenzene	11.94	105	264562	19.050	ug/l	99
82) p-Isopropyltoluene	12.06	119	236256	19.054	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	126062	19.104	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	124672	18.883	ug/l	98
85) n-Butylbenzene	12.39	91	197896	18.663	ug/l	99
86) Hexachloroethane	12.60	117	36930	18.280	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	125486	19.242	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17929	19.063	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	89782	19.156	ug/l	99
90) Hexachlorobutadiene	13.78	225	48318	18.692	ug/l	97
91) Naphthalene	13.83	128	264365	19.677	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	90323	19.388	ug/l	98

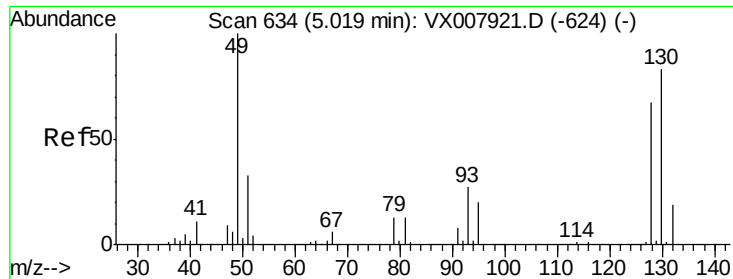
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

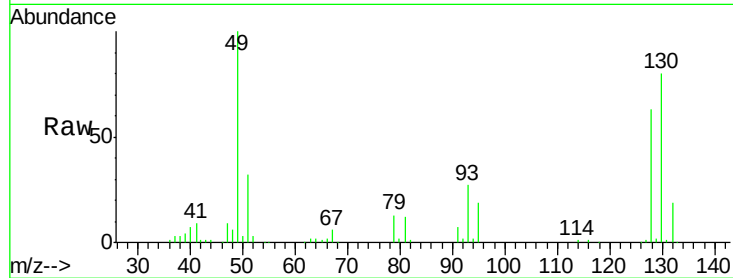
Tot Ion:128 Resp: 46672

Ion Ratio Lower Upper

128 100

49 157.3 0.0 350.8

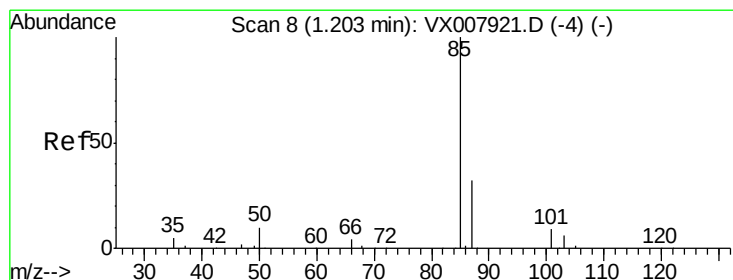
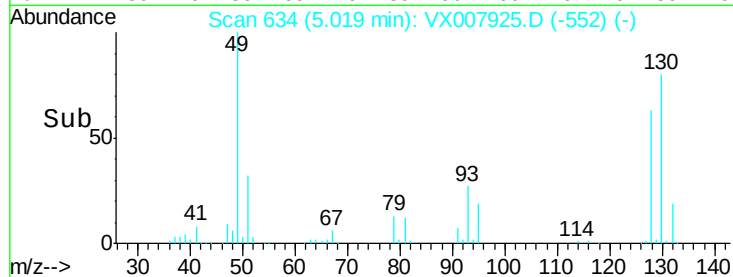
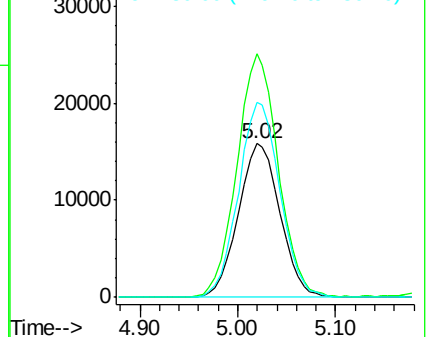
130 126.4 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.677 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007925.D

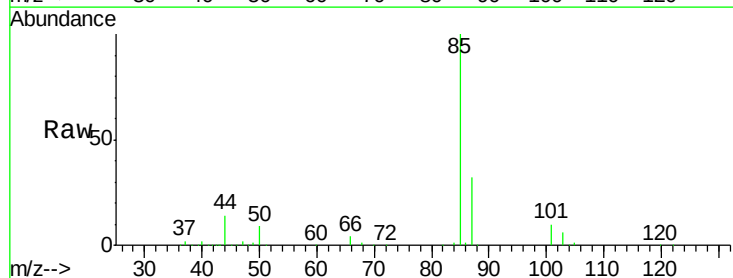
Acq: 08 Mar 2019 12:06

Tgt Ion: 85 Resp: 51750

Ion Ratio Lower Upper

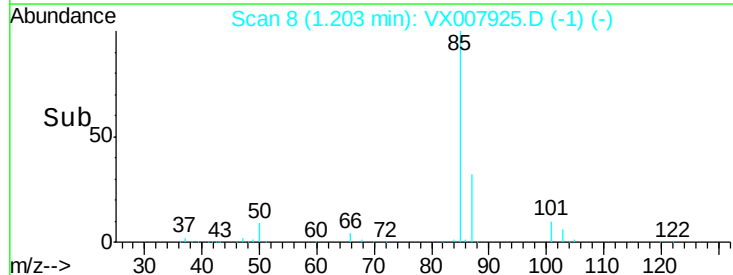
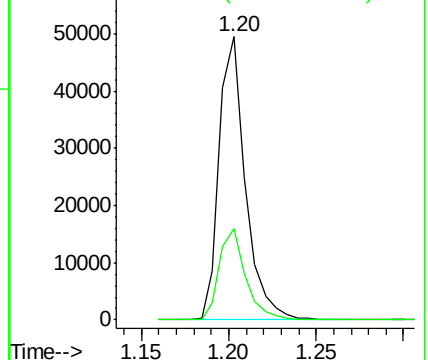
85 100

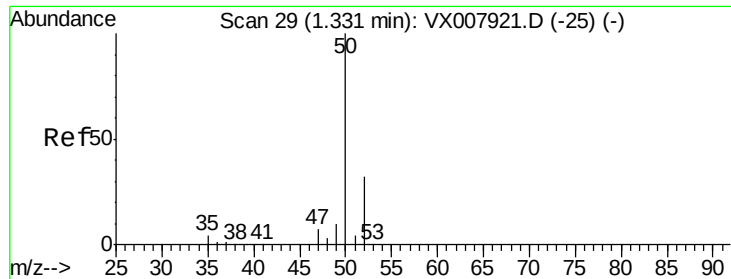
87 32.3 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.183 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

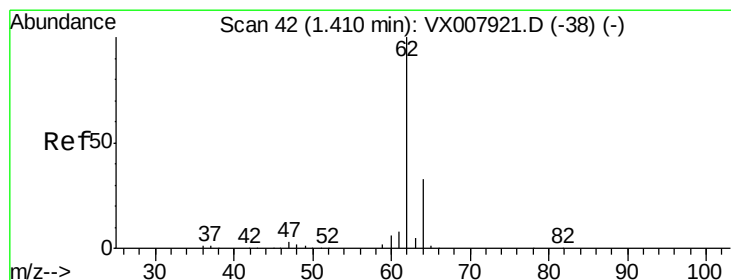
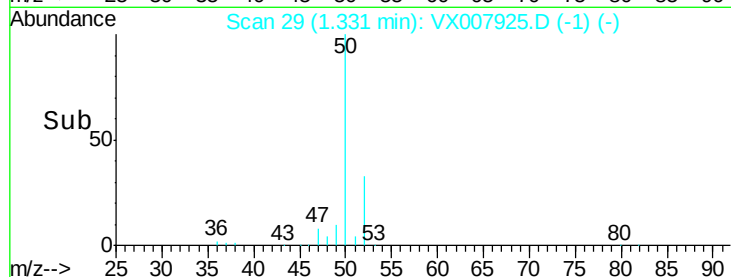
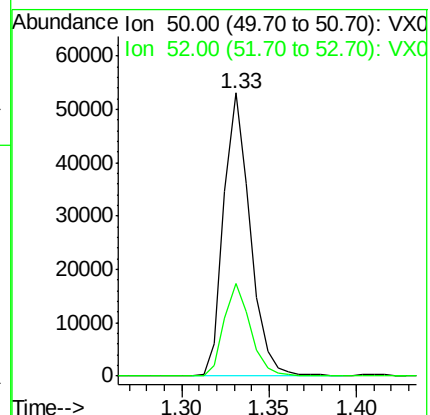
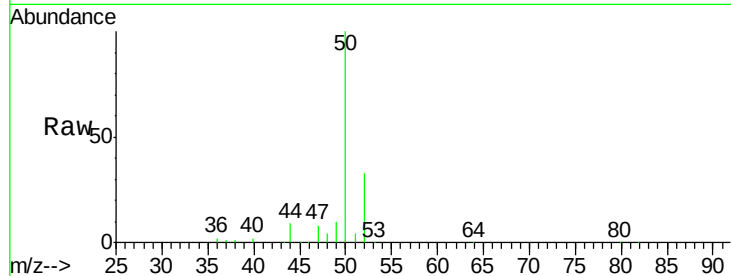
ICVVX030819

Tot Ion: 50 Resp: 56024

Ion Ratio Lower Upper

50 100

52 32.6 27.5 41.3



#4

Vinyl Chloride

Concen: 17.980 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007925.D

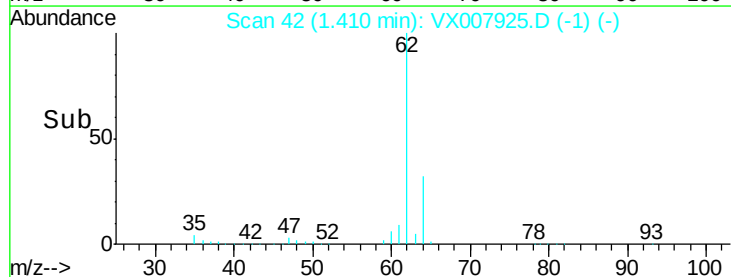
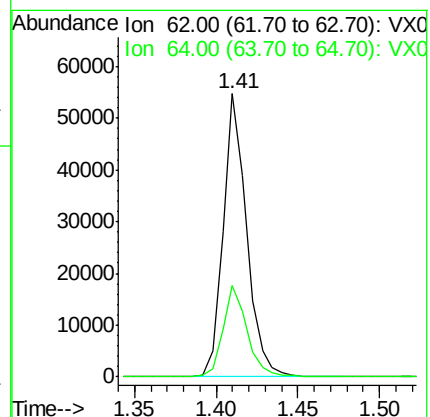
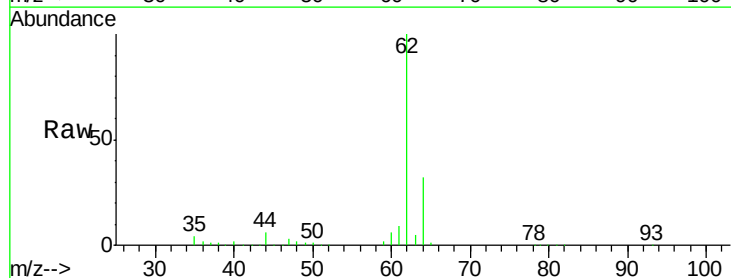
Acq: 08 Mar 2019 12:06

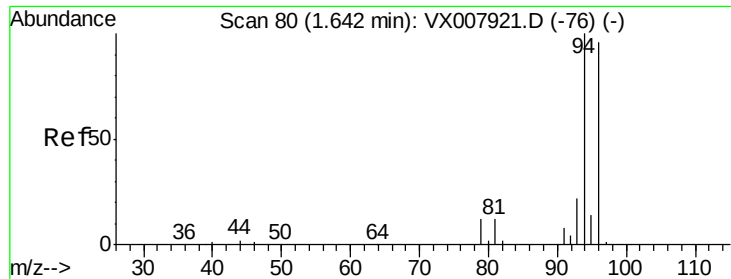
Tgt Ion: 62 Resp: 54874

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 23.606 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

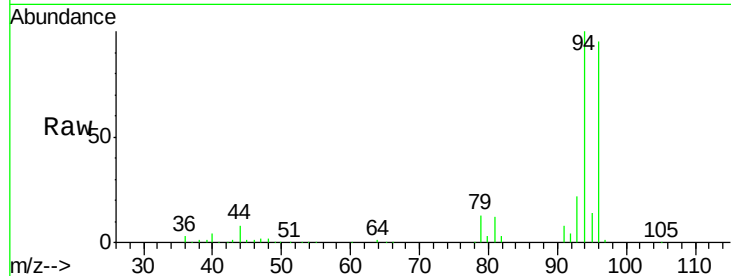
ICVVX030819

Tot Ion: 94 Resp: 35918

Ion Ratio Lower Upper

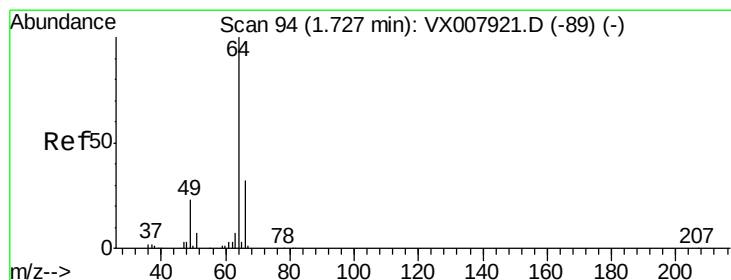
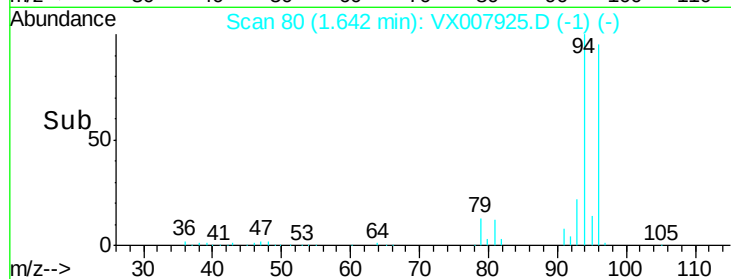
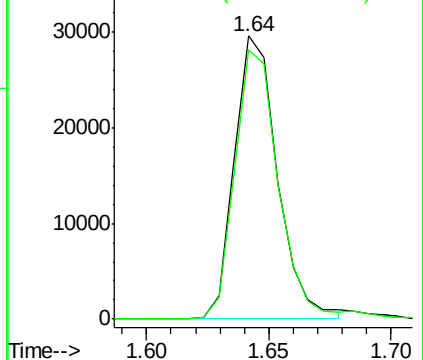
94 100

96 95.2 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.232 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007925.D

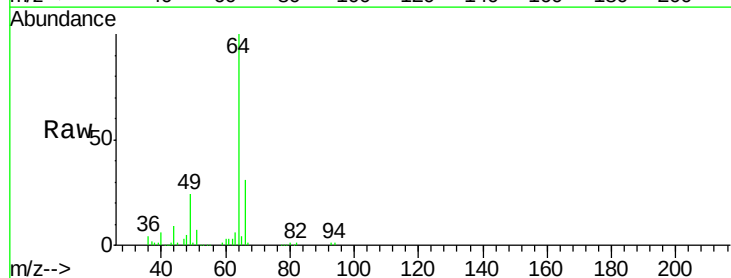
Acq: 08 Mar 2019 12:06

Tgt Ion: 64 Resp: 32497

Ion Ratio Lower Upper

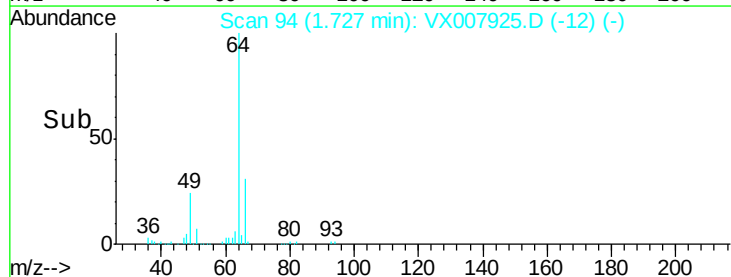
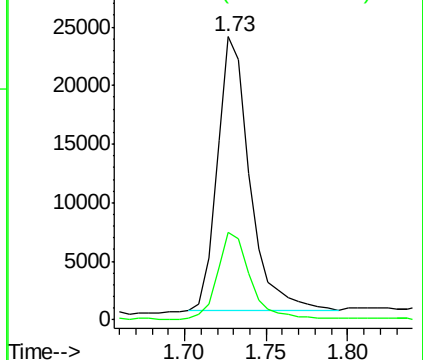
64 100

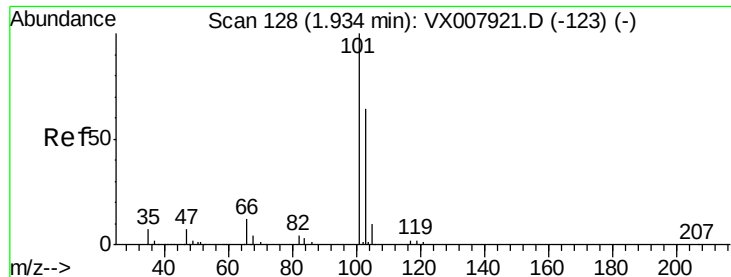
66 31.4 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



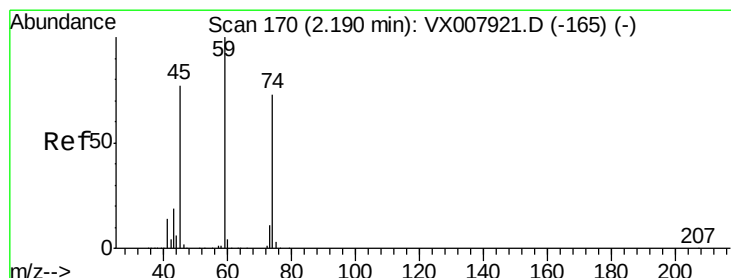
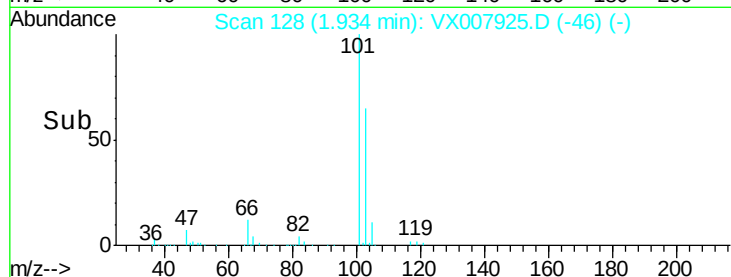
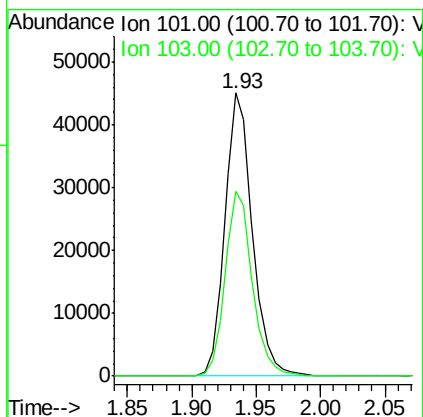
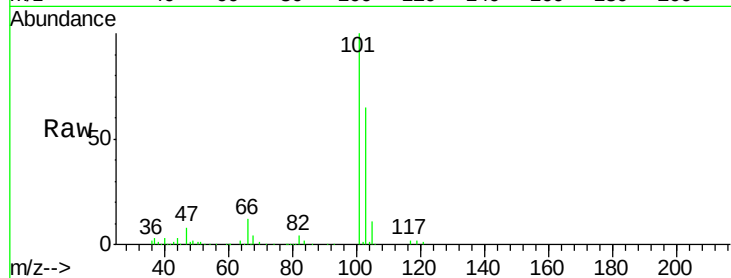


#7

Trichlorofluoromethane
Concen: 17.774 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
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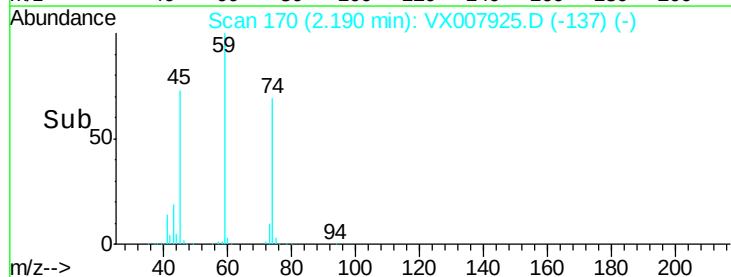
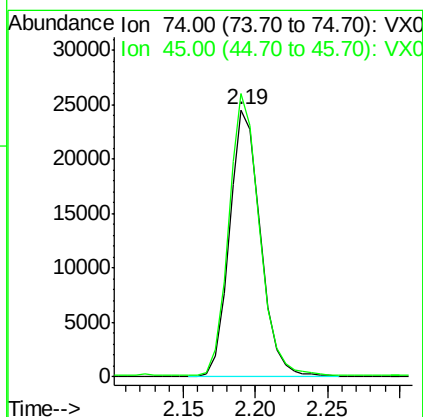
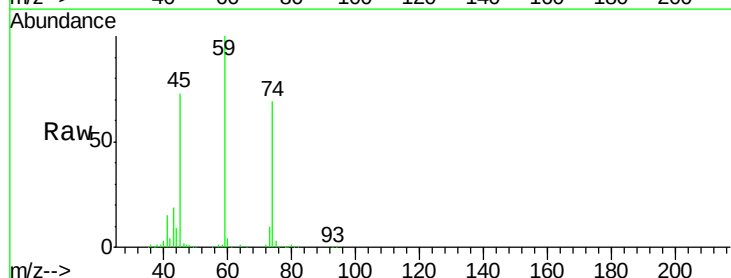
Tot Ion:101 Resp: 67551
Ion Ratio Lower Upper
101 100
103 65.3 50.4 75.6

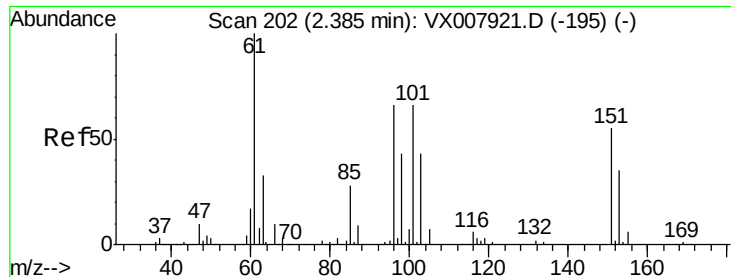


#8

Diethyl Ether
Concen: 18.921 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 74 Resp: 37032
Ion Ratio Lower Upper
74 100
45 104.4 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.959 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

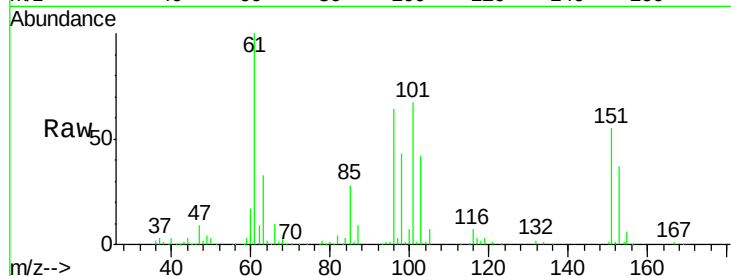
Tot Ion:101 Resp: 54172

Ion Ratio Lower Upper

101 100

85 43.6 0.0 86.8

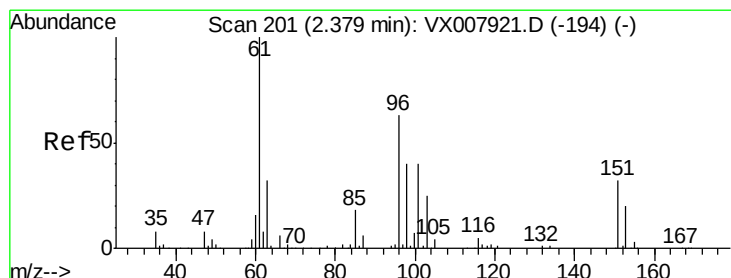
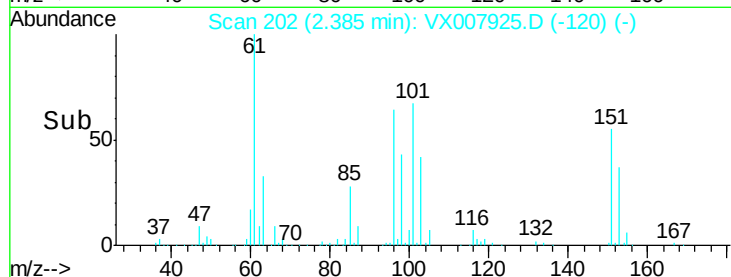
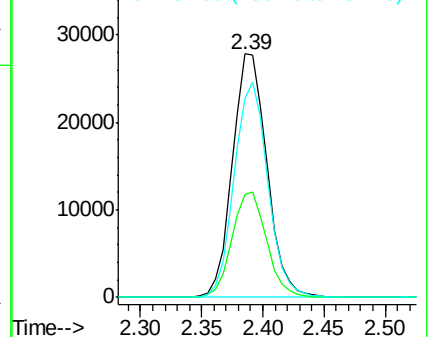
151 86.6 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.182 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

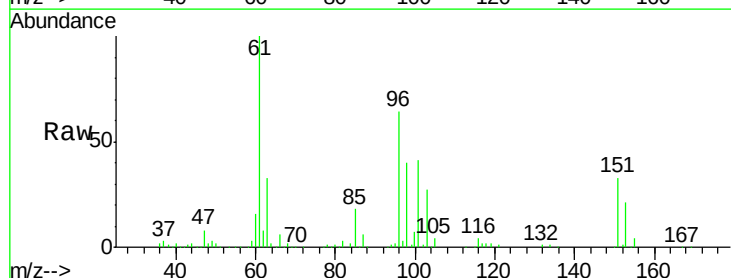
Tgt Ion: 96 Resp: 51949

Ion Ratio Lower Upper

96 100

61 156.6 120.2 180.2

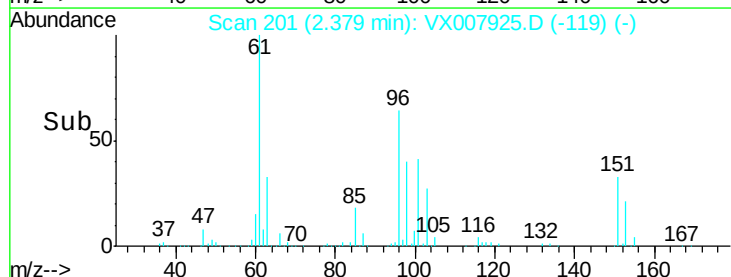
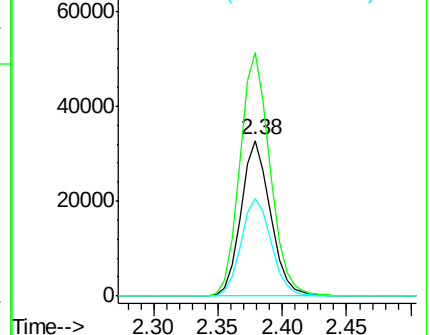
98 63.0 49.0 73.4

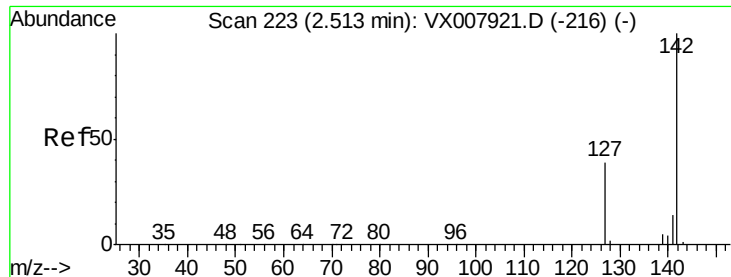


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

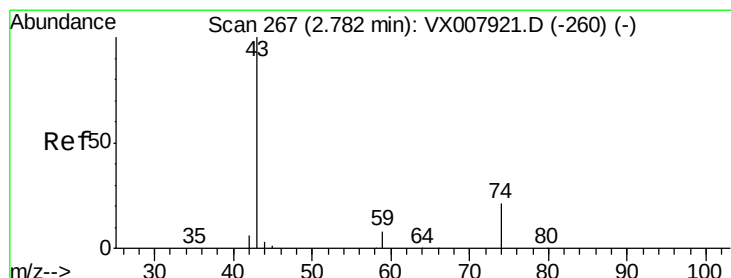
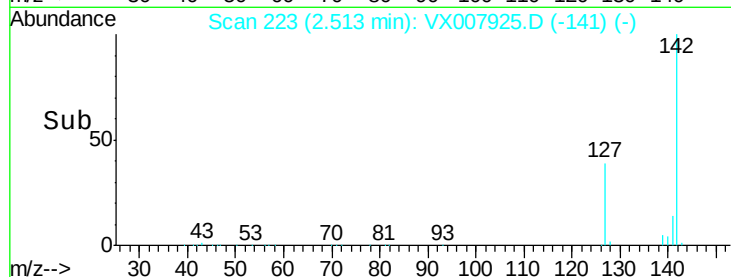
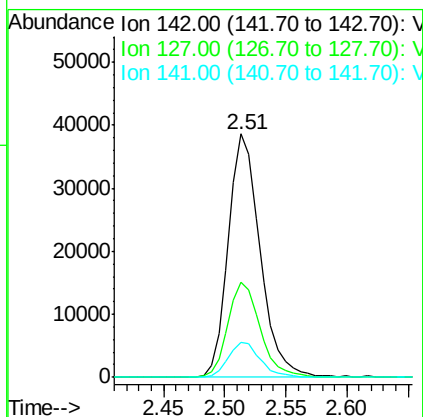
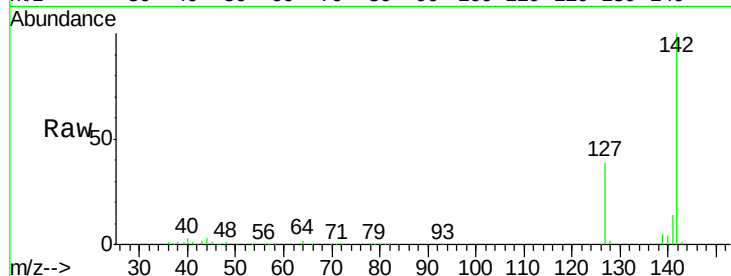




#11
Methvl Iodide
Concen: 16.480 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

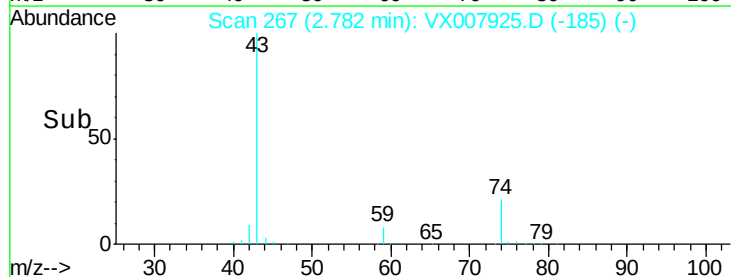
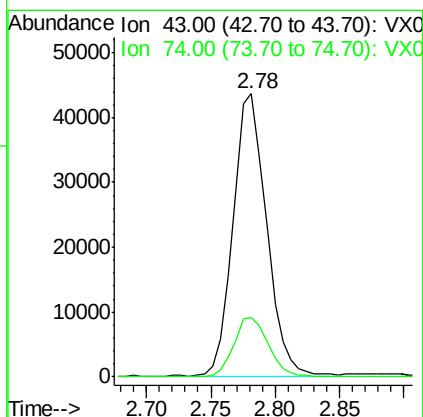
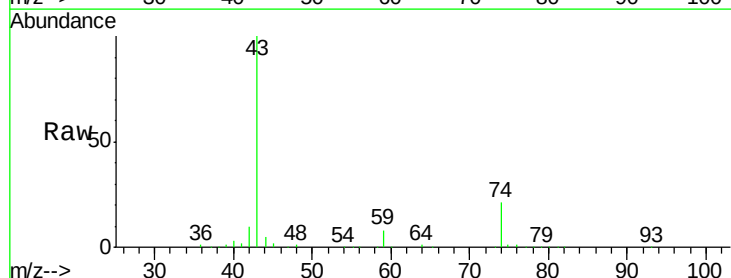
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

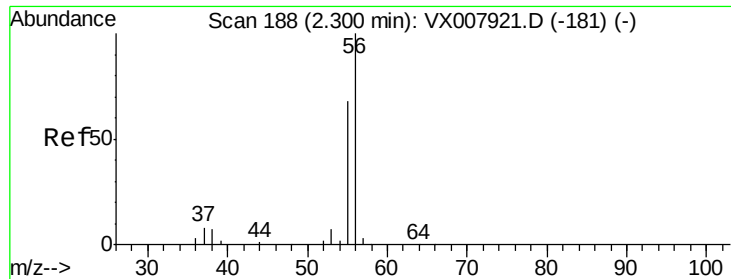
Tot Ion:142 Resp: 69867
Ion Ratio Lower Upper
142 100
127 38.9 22.1 66.5
141 14.3 7.4 22.3



#12
Methyl Acetate
Concen: 18.375 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 43 Resp: 78704
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.0





#13

Acrolein

Concen: 100.436 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

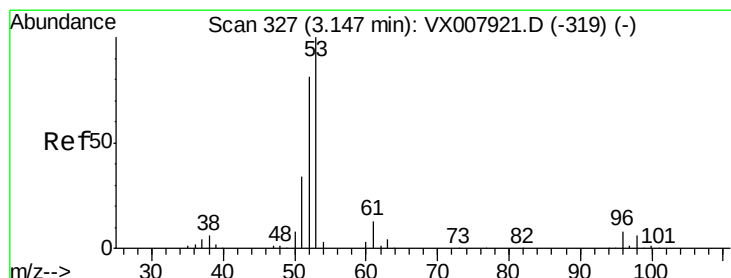
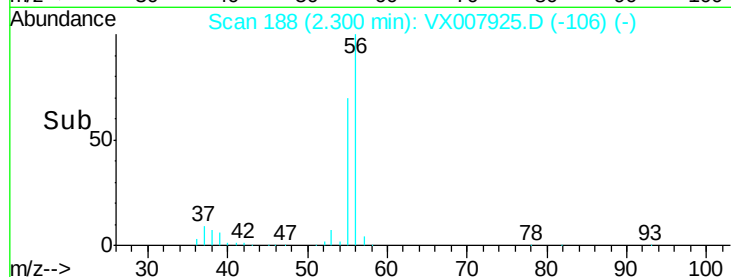
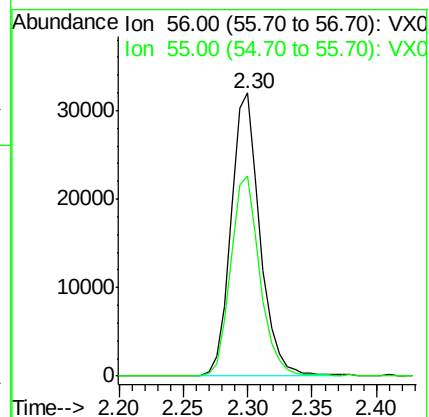
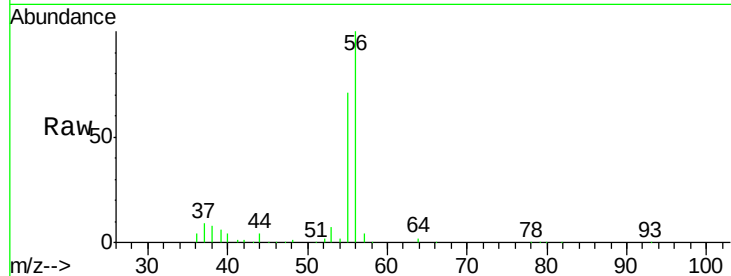
ICVVX030819

Tot Ion: 56 Resp: 50469

Ion Ratio Lower Upper

56 100

55 71.1 58.6 87.8



#14

Acrylonitrile

Concen: 97.078 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

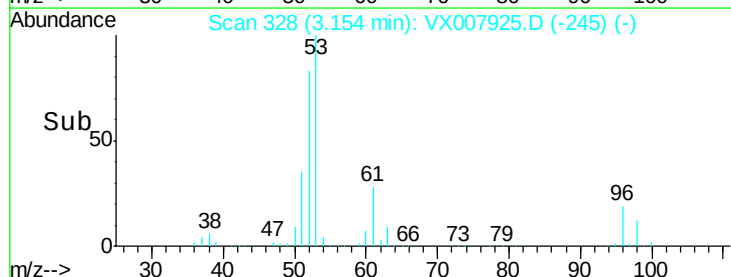
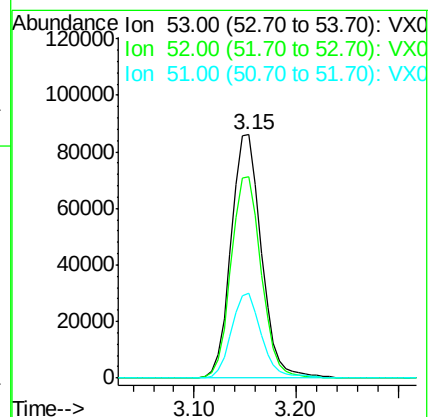
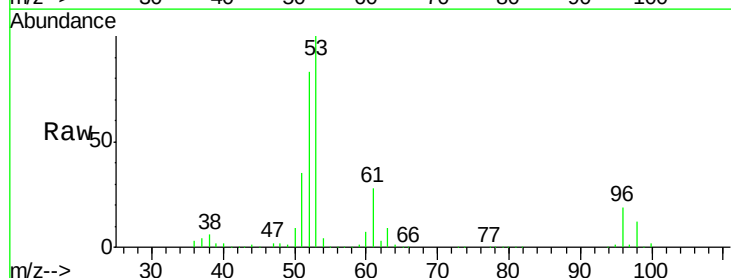
Tgt Ion: 53 Resp: 176508

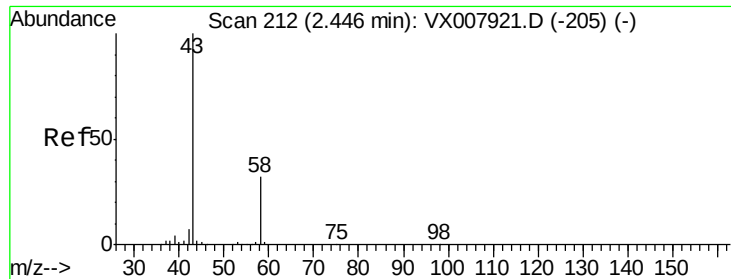
Ion Ratio Lower Upper

53 100

52 82.9 41.3 124.1

51 34.9 17.5 52.6





#15

Acetone

Concen: 88.518 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

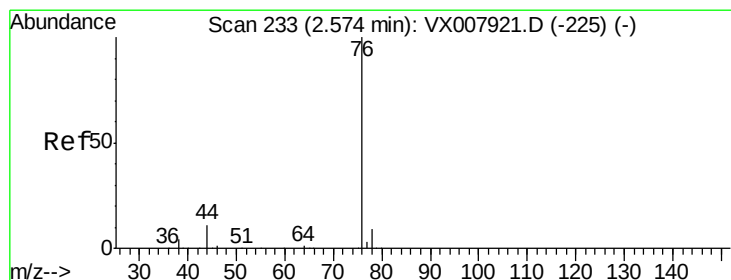
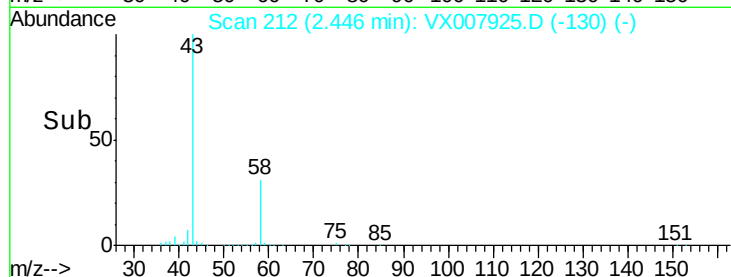
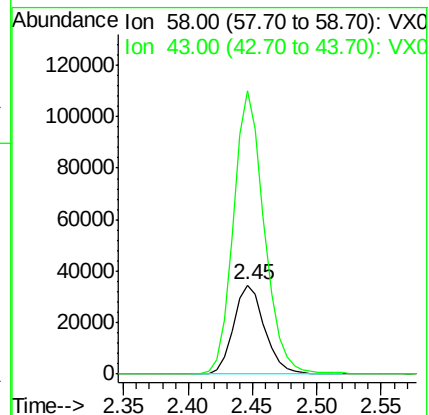
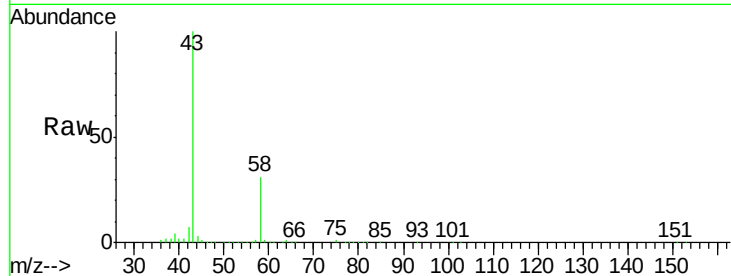
ICVVX030819

Tot Ion: 58 Resp: 58107

Ion Ratio Lower Upper

58 100

43 317.5 249.8 374.6



#16

Carbon Disulfide

Concen: 20.088 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007925.D

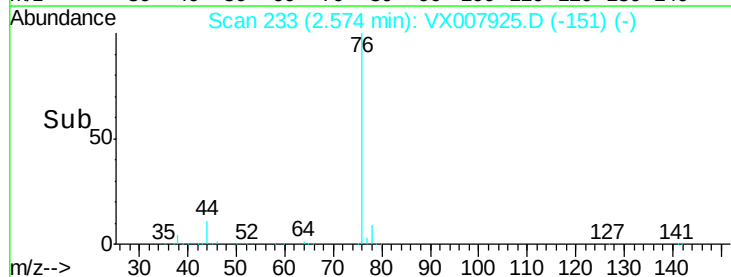
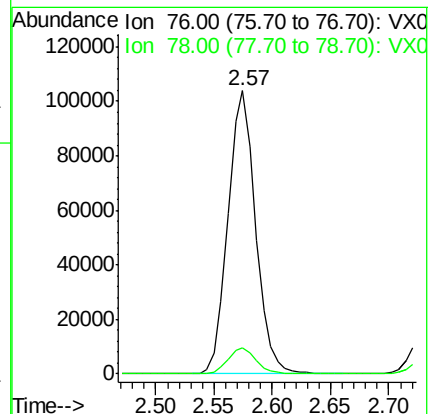
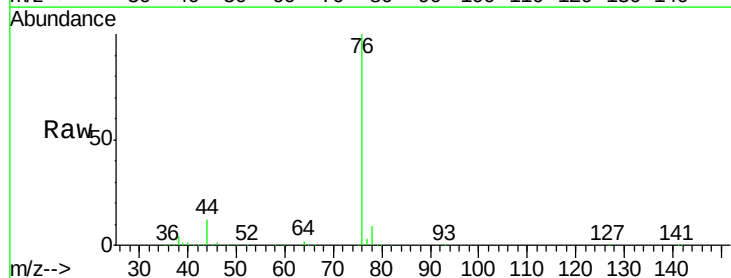
Acq: 08 Mar 2019 12:06

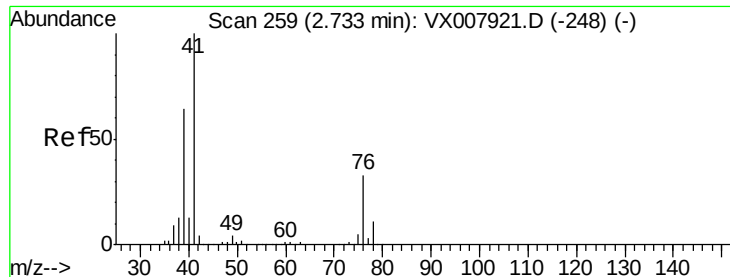
Tgt Ion: 76 Resp: 170689

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

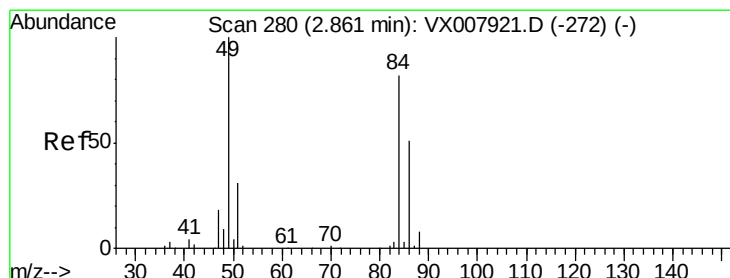
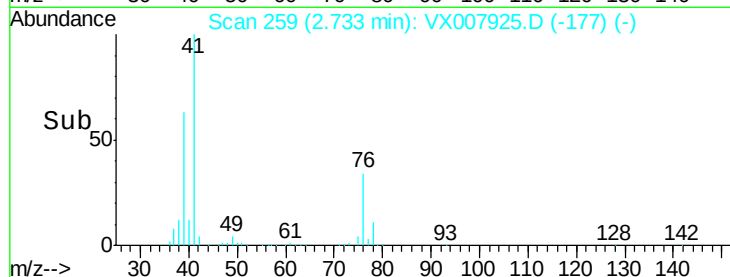
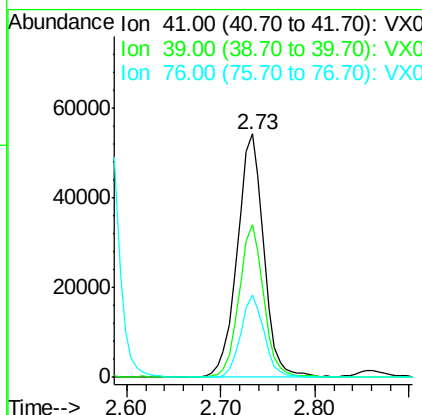
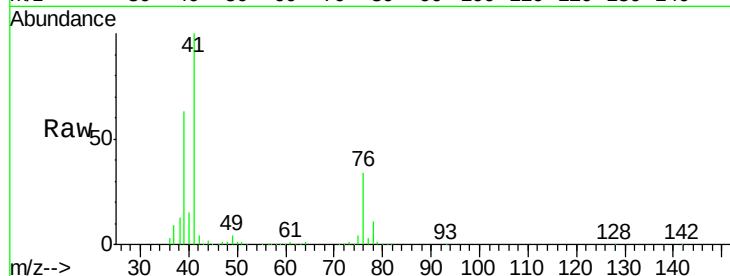




#17
Allvl chloride
Concen: 19.016 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

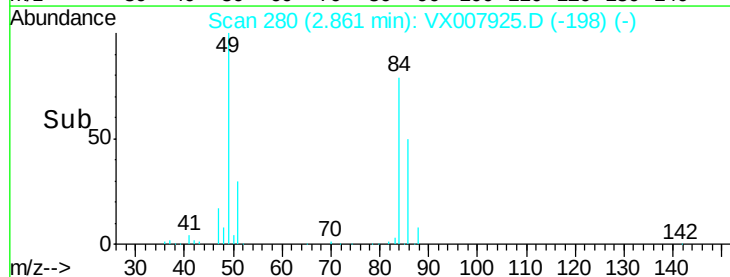
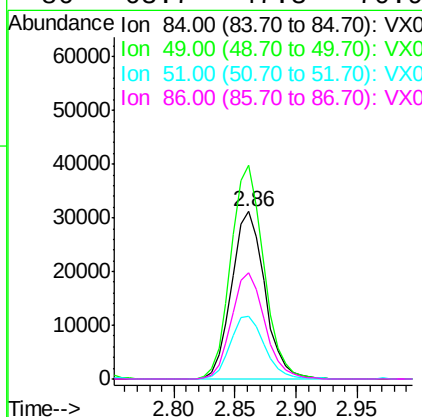
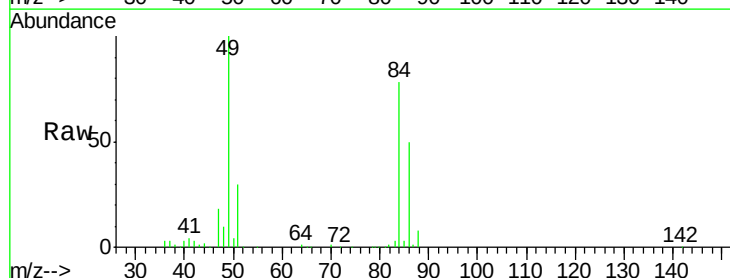
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

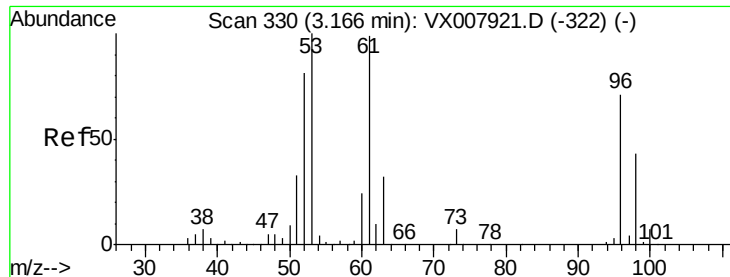
Tot Ion: 41 Resp: 105586
Ion Ratio Lower Upper
41 100
39 62.7 35.8 107.4
76 33.8 18.3 54.9



#18
Methylene Chloride
Concen: 19.000 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 84 Resp: 58622
Ion Ratio Lower Upper
84 100
49 127.4 96.1 144.1
51 37.6 29.1 43.7
86 63.7 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 19.380 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

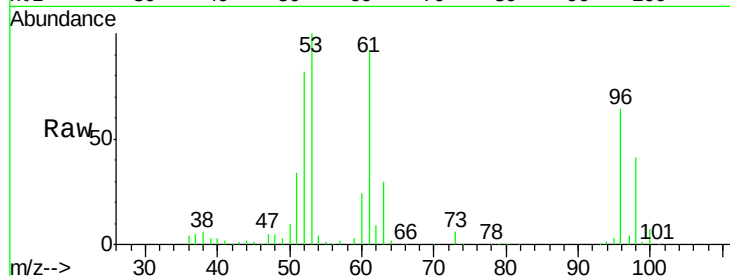
Tot Ion: 96 Resp: 55534

Ion Ratio Lower Upper

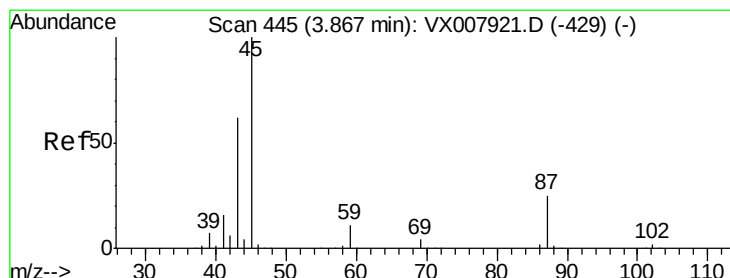
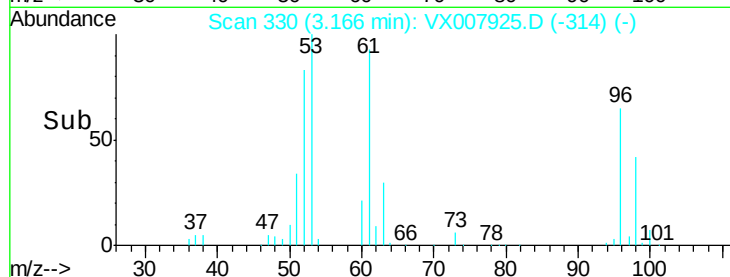
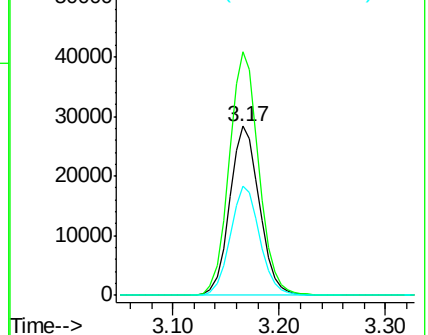
96 100

61 144.0 109.9 164.9

98 64.6 50.4 75.6



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.220 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion: 45 Resp: 195226

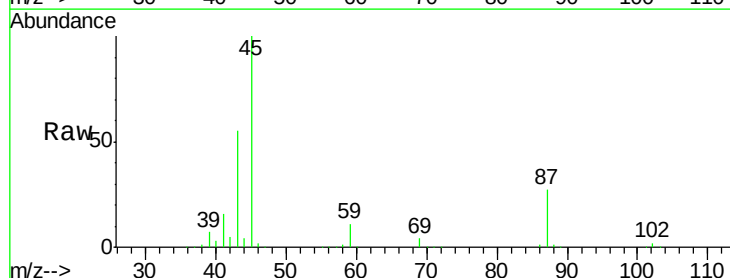
Ion Ratio Lower Upper

45 100

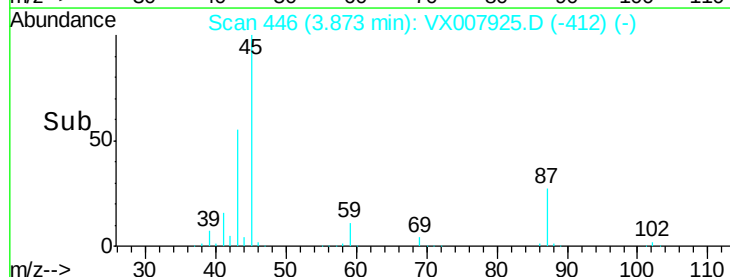
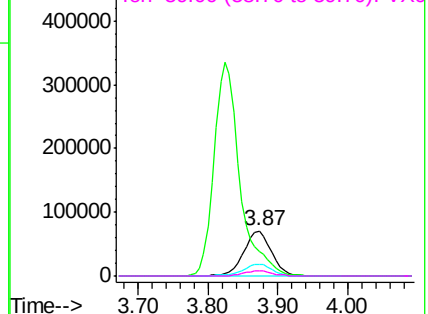
43 54.8 50.6 76.0

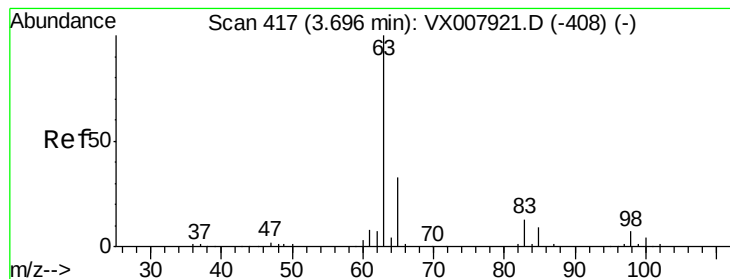
87 26.8 24.5 36.7

59 11.3 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.768 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

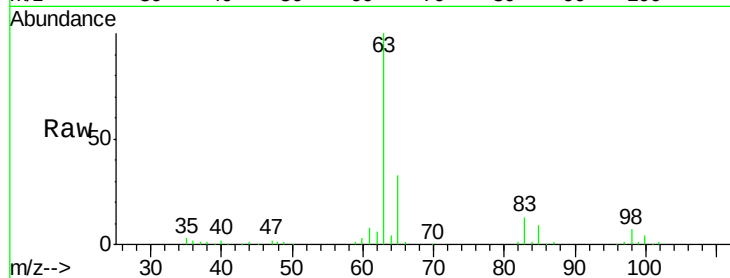
Tot Ion: 63 Resp: 103681

Ion Ratio Lower Upper

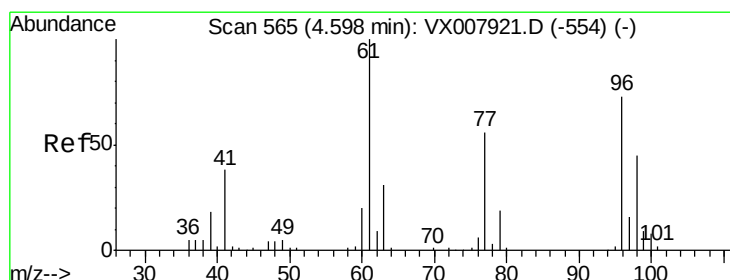
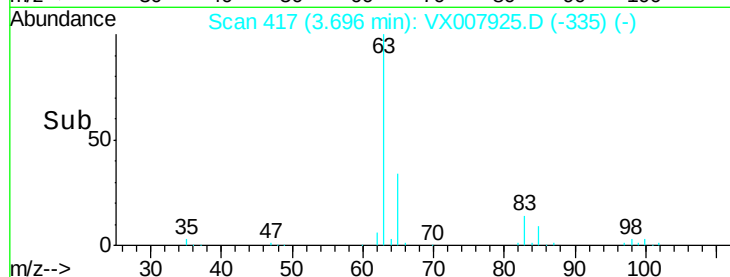
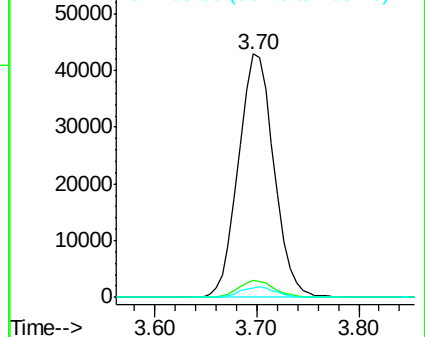
63 100

98 7.1 3.8 11.4

100 4.0 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.112 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

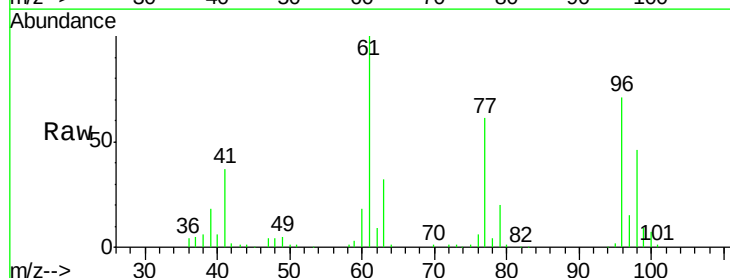
Tgt Ion: 96 Resp: 63174

Ion Ratio Lower Upper

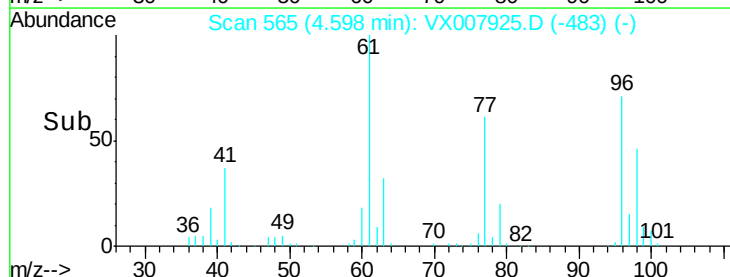
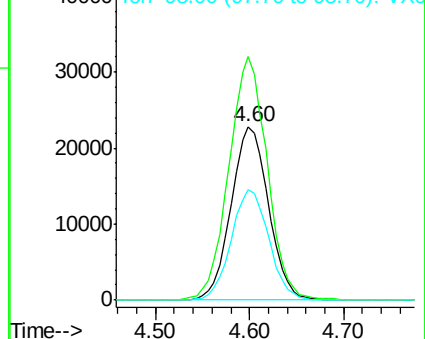
96 100

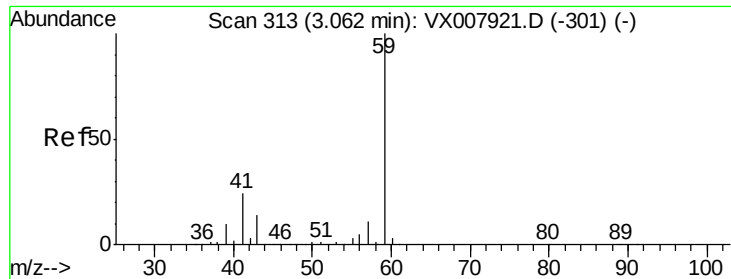
61 143.3 103.5 155.3

98 64.1 52.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

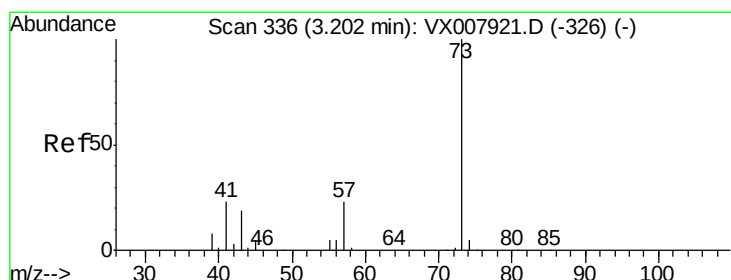
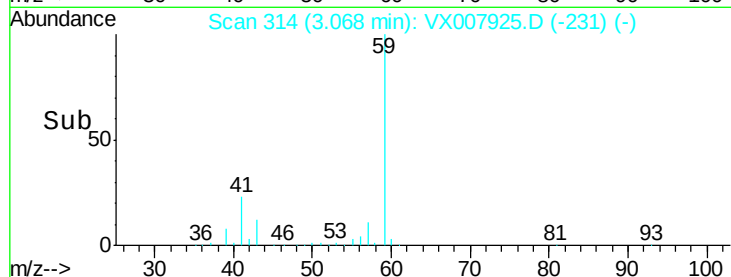
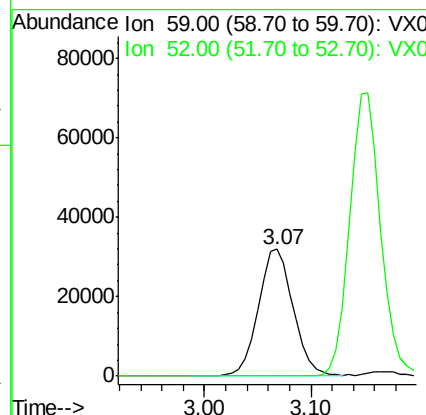
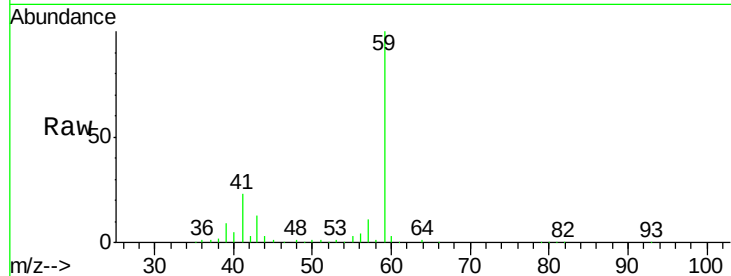




#23
tert-Butyl Alcohol
Concen: 100.164 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.01 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

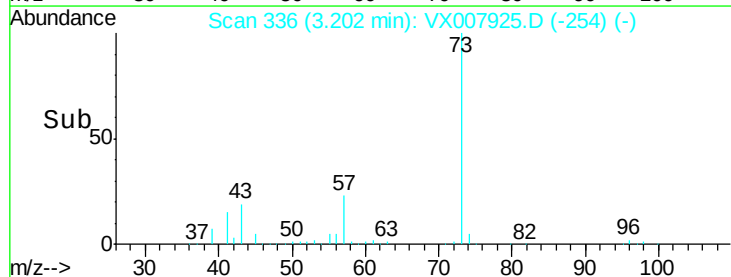
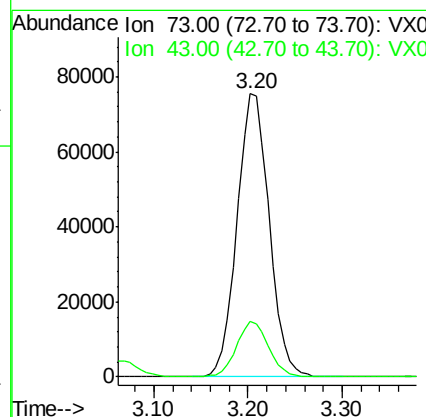
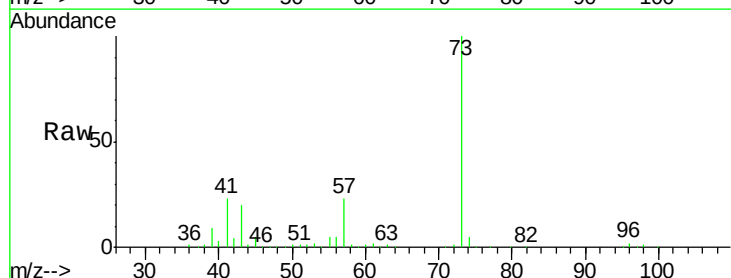
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

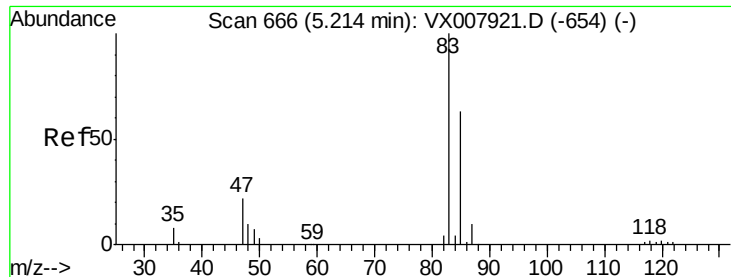
Tot Ion: 59 Resp: 73472
Ion Ratio Lower Upper
59 100
52 0.4 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 19.300 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 73 Resp: 179709
Ion Ratio Lower Upper
73 100
43 19.3 17.1 25.7





#25

Chloroform

Concen: 18.763 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

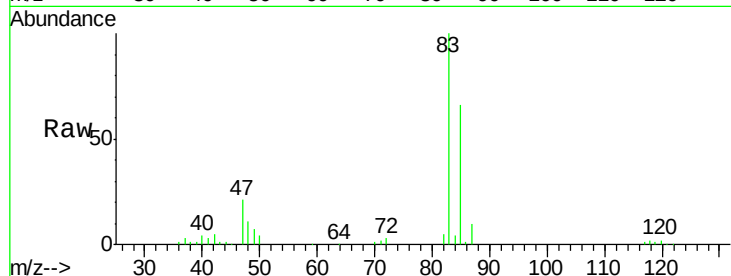
ICVVX030819

Tot Ion: 83 Resp: 97834

Ion Ratio Lower Upper

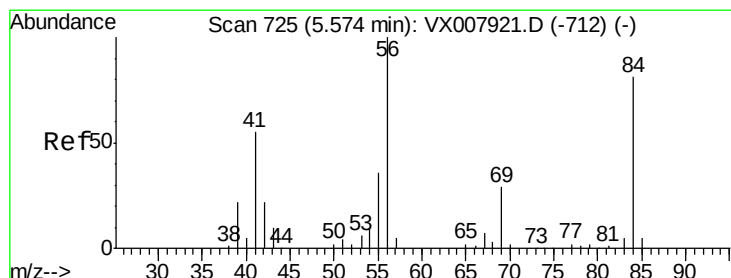
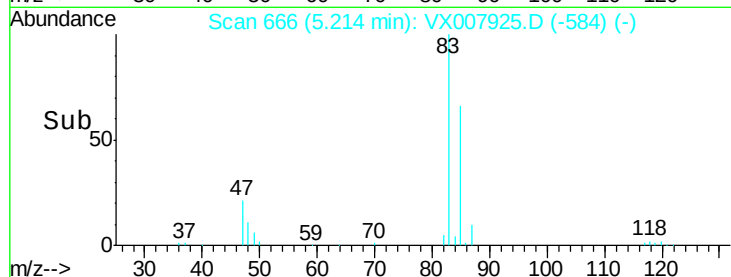
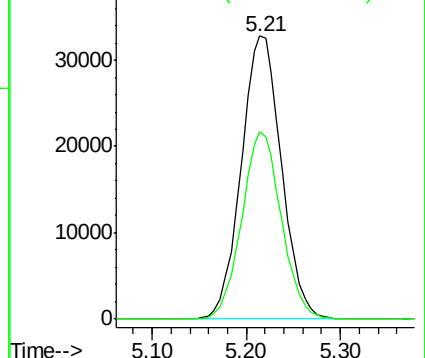
83 100

85 66.1 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.227 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

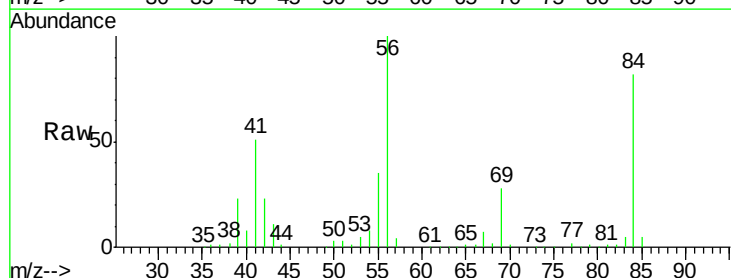
Tgt Ion: 56 Resp: 98152

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

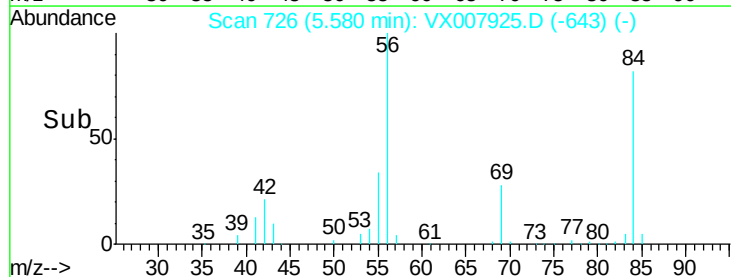
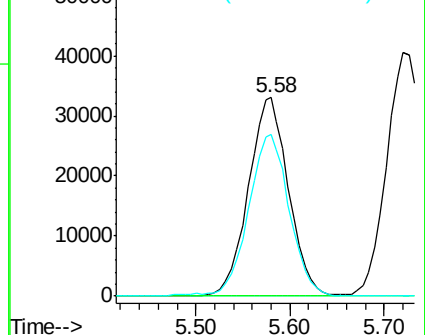
84 82.7 73.9 110.9

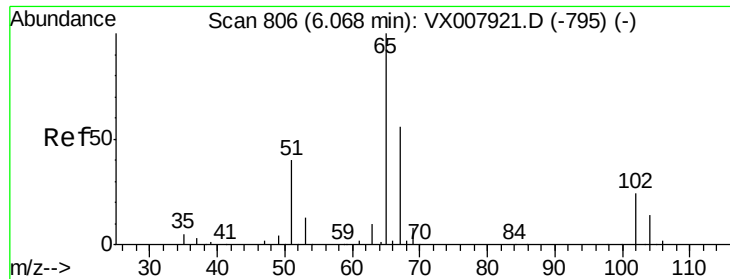


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

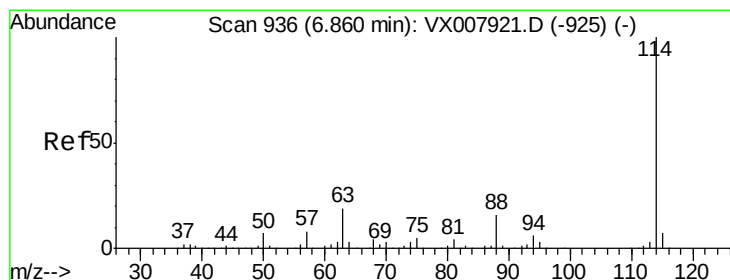
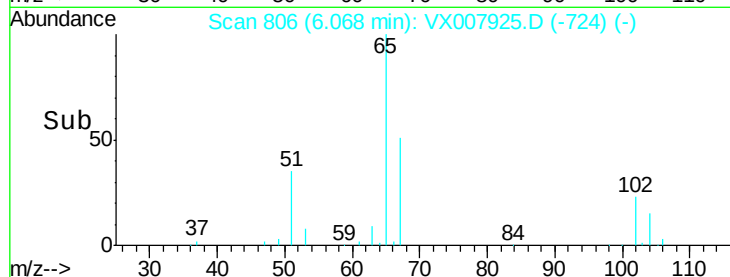
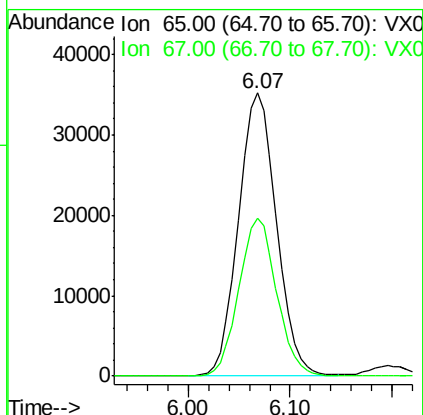
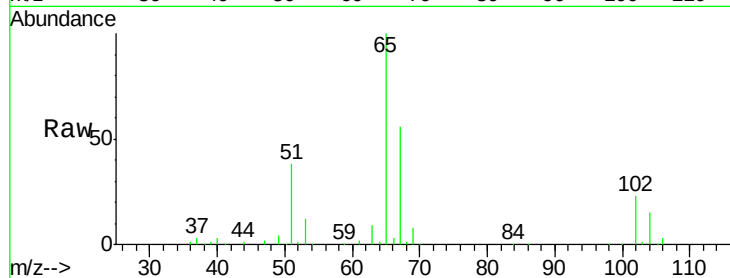




#27
 1,2-Dichloroethane-d4
 Concen: 29.835 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

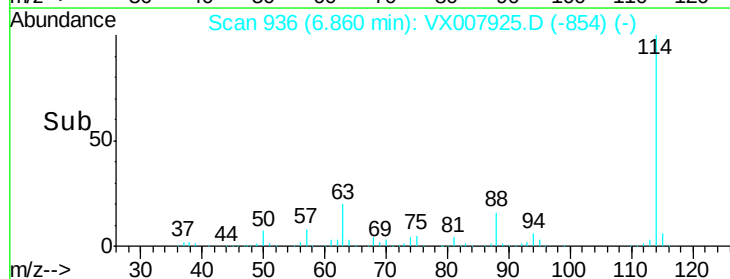
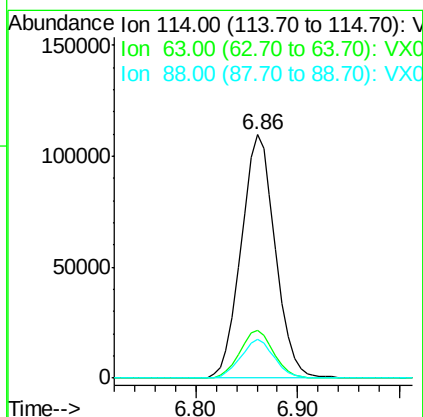
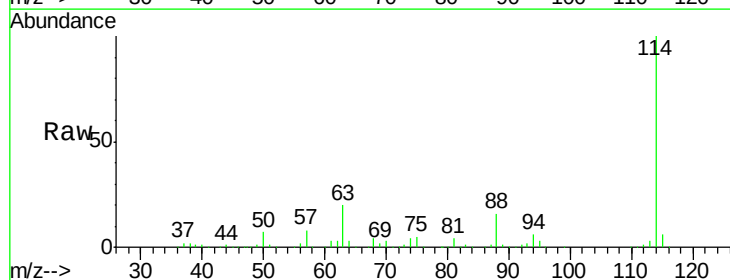
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

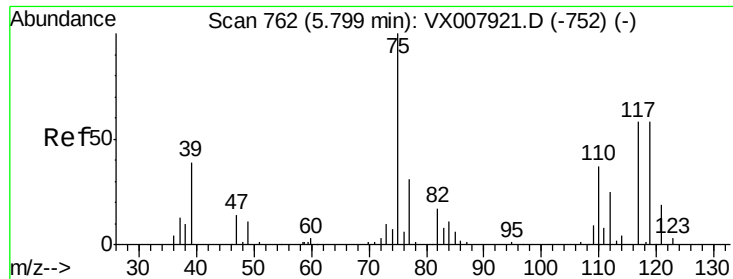
Tot Ion: 65 Resp: 91526
 Ion Ratio Lower Upper
 65 100
 67 55.1 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion: 114 Resp: 254080
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.2 21.4
 88 15.7 11.9 17.9

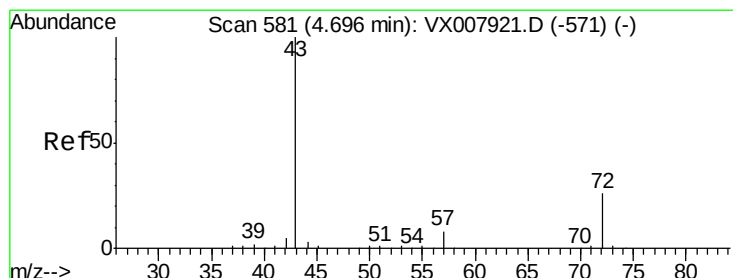
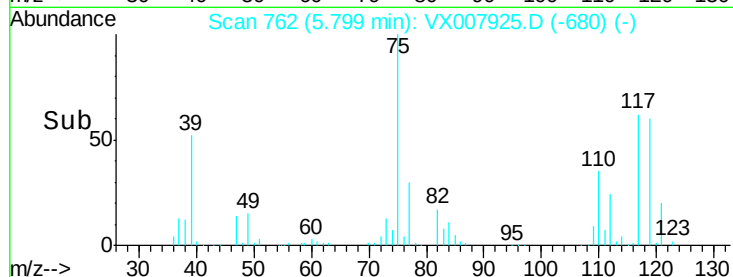
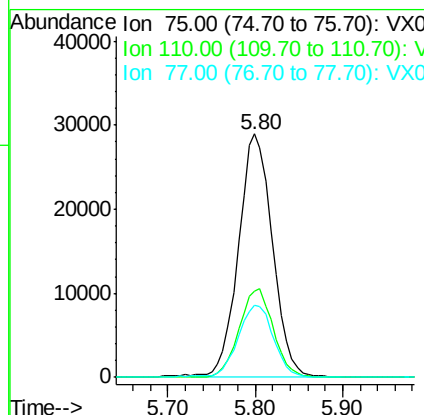
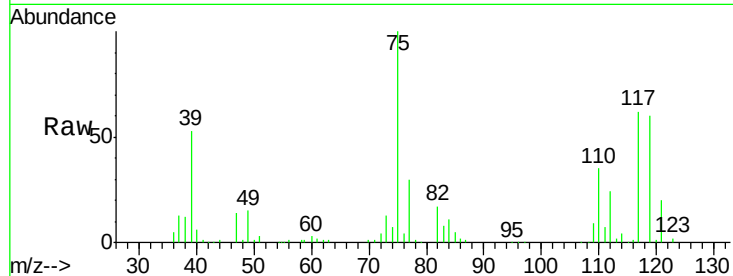




#29
 1,1-Dichloropropene
 Concen: 19.414 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

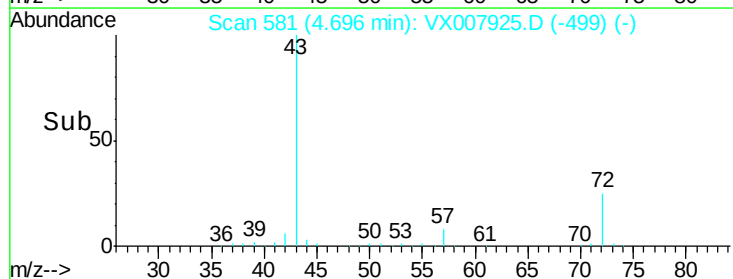
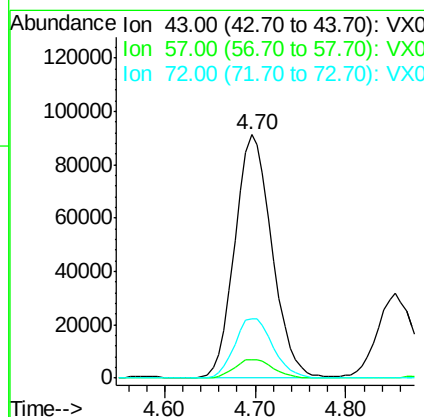
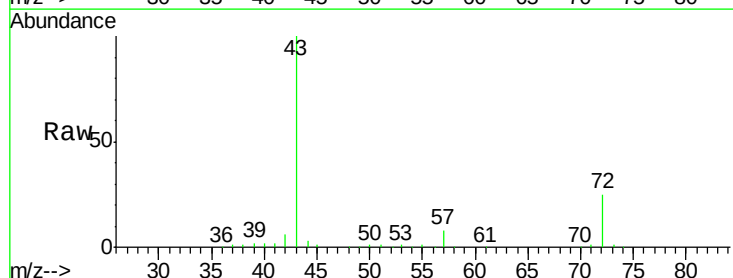
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

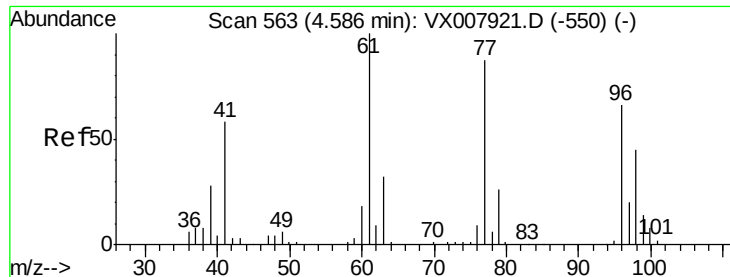
Tot Ion: 75 Resp: 78213
 Ion Ratio Lower Upper
 75 100
 110 36.3 0.0 80.8
 77 30.8 0.0 62.4



#30
 2-Butanone
 Concen: 95.001 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion: 43 Resp: 258134
 Ion Ratio Lower Upper
 43 100
 57 7.9 7.0 10.6
 72 25.5 21.5 32.3





#31

2,2-Dichloropropane

Concen: 18.826 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

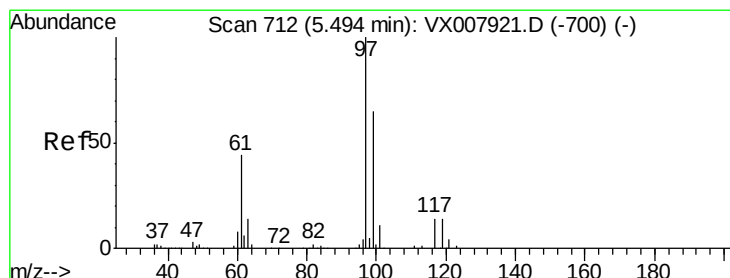
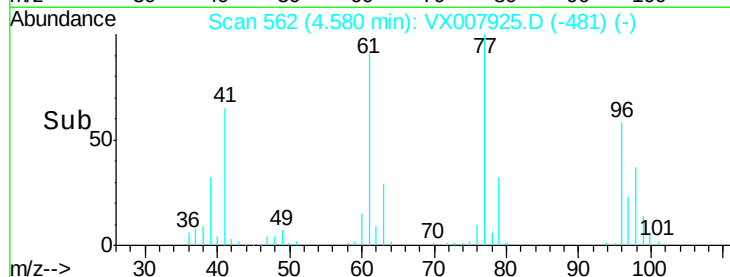
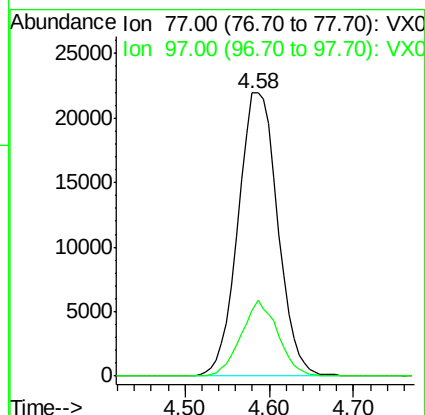
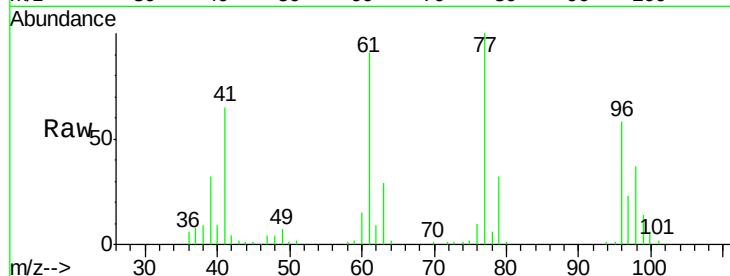
ICVVX030819

Tot Ion: 77 Resp: 70051

Ion Ratio Lower Upper

77 100

97 24.8 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 18.712 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

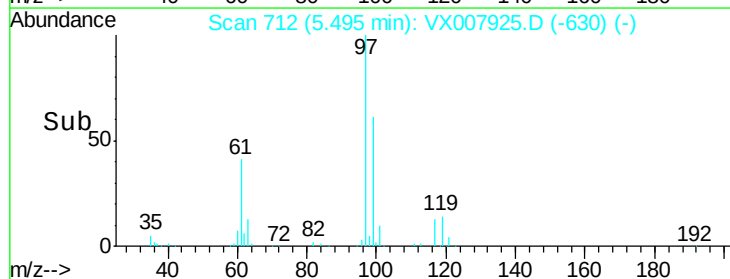
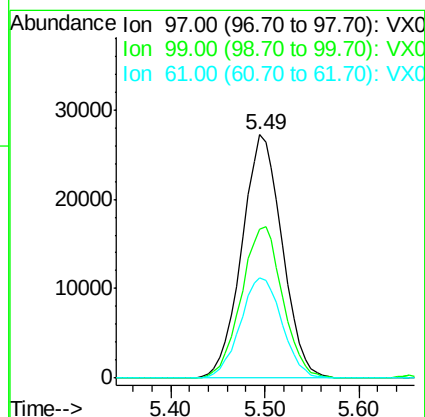
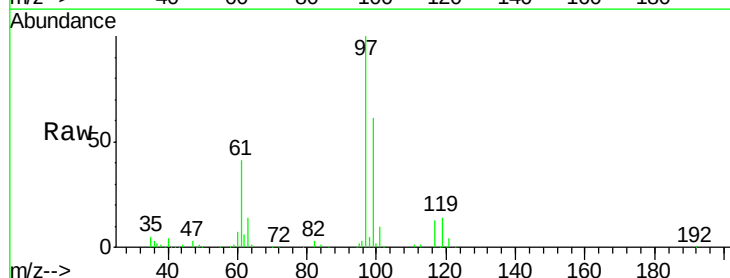
Tgt Ion: 97 Resp: 81517

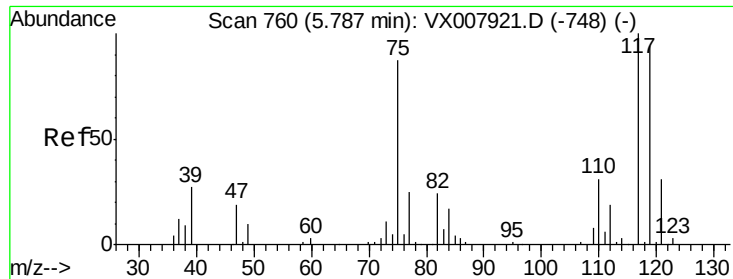
Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 42.7 32.8 49.2





#33

Carbon Tetrachloride

Concen: 18.538 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

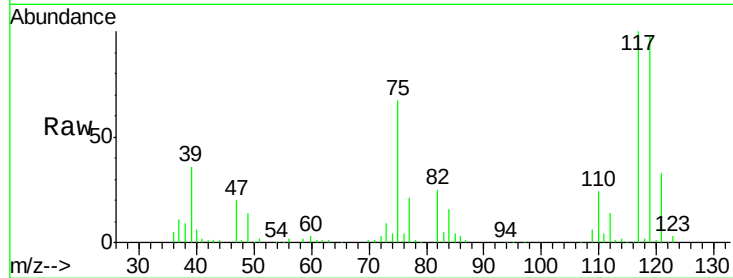
Tot Ion:117 Resp: 71630

Ion Ratio Lower Upper

117 100

119 97.5 78.1 117.1

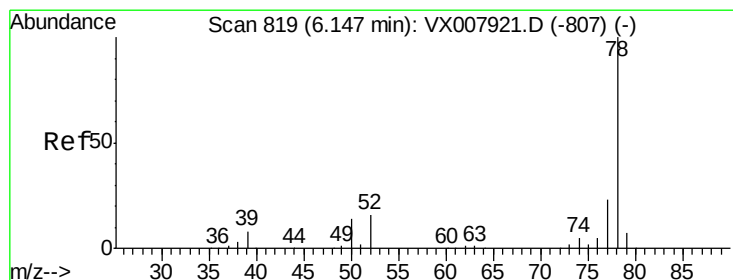
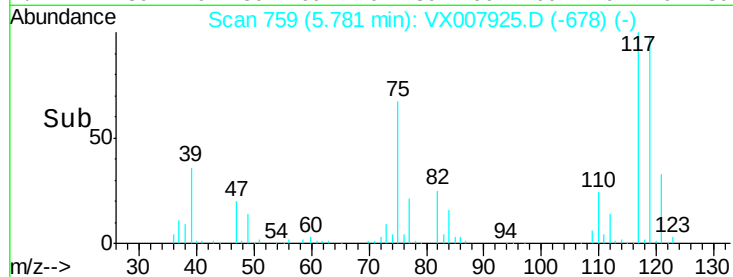
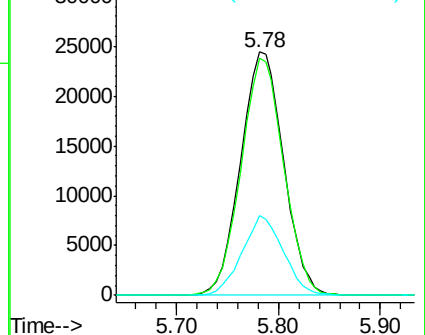
121 32.6 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.012 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

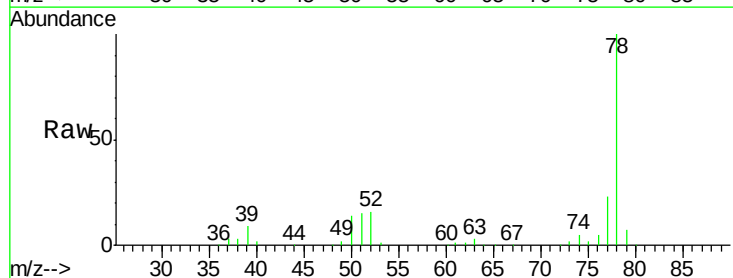
Tgt Ion: 78 Resp: 234725

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

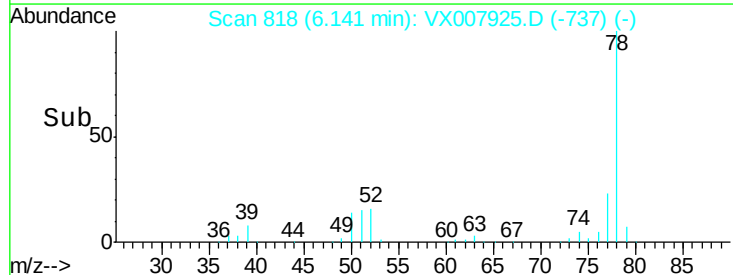
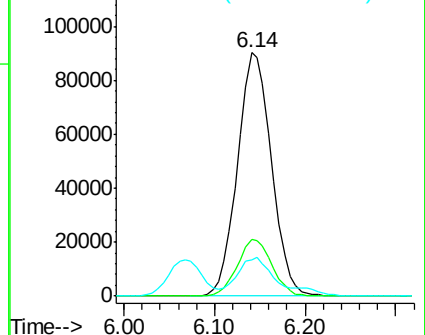
51 14.8 10.8 16.2

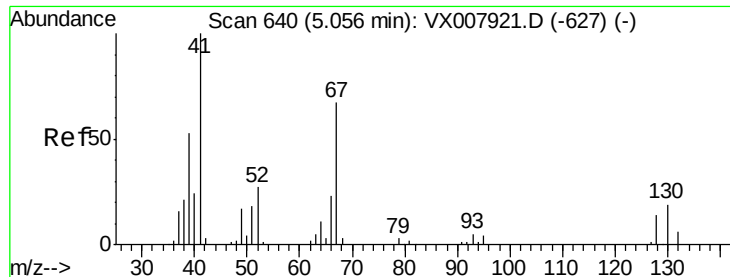


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

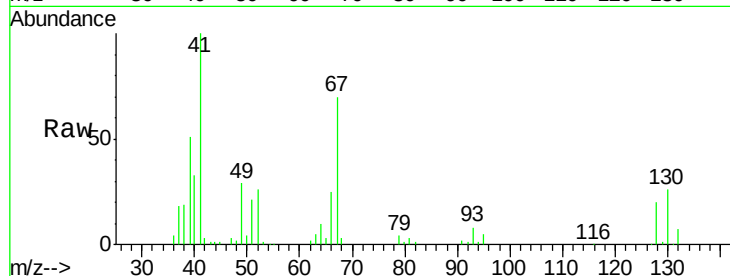




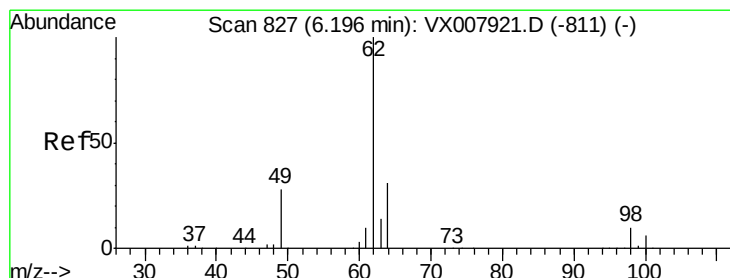
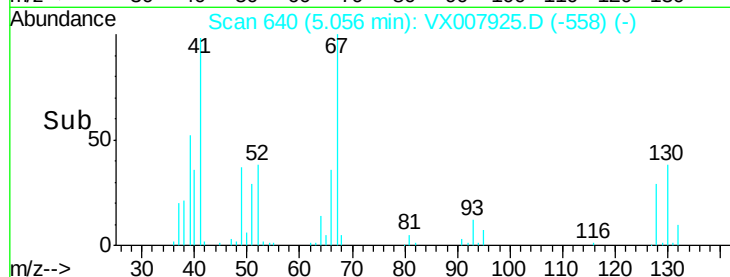
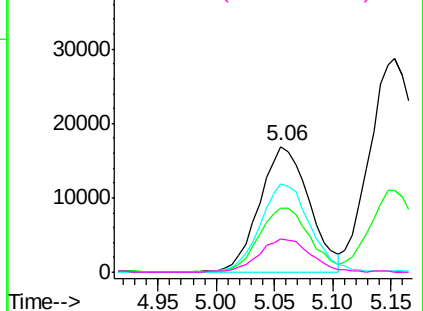
#35
Methacrylonitrile
Concen: 18.662 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion: 41 Resp: 49414
Ion Ratio Lower Upper
41 100
39 51.1 27.4 82.0
67 70.2 37.9 113.6
52 26.4 13.3 39.9

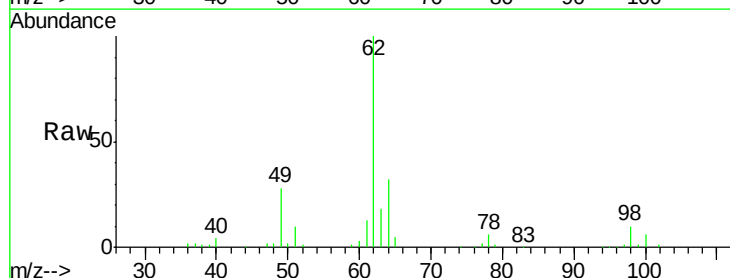


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

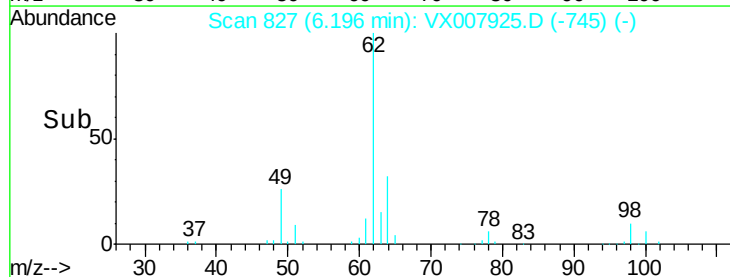
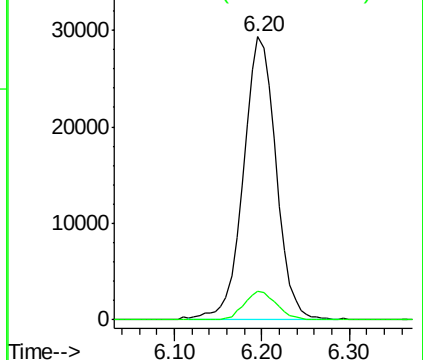


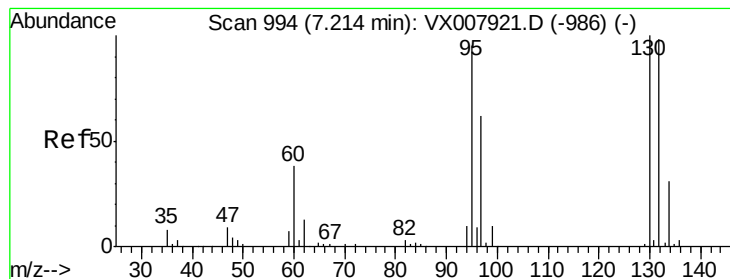
#36
1,2-Dichloroethane
Concen: 18.921 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 62 Resp: 75999
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8



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





#37

Trichloroethene

Concen: 18.862 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

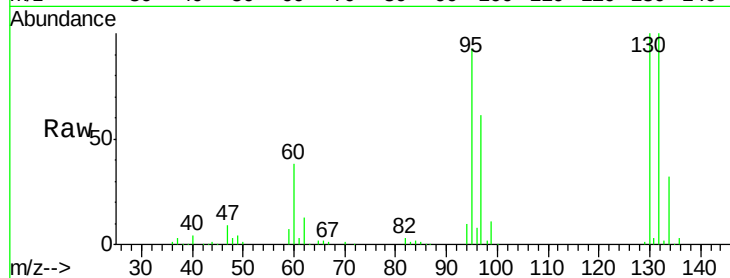
ICVVX030819

Tot Ion:130 Resp: 63092

Ion Ratio Lower Upper

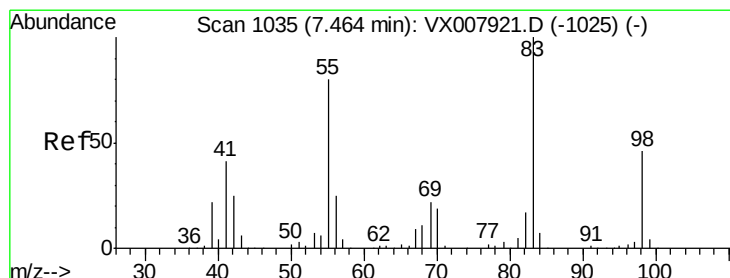
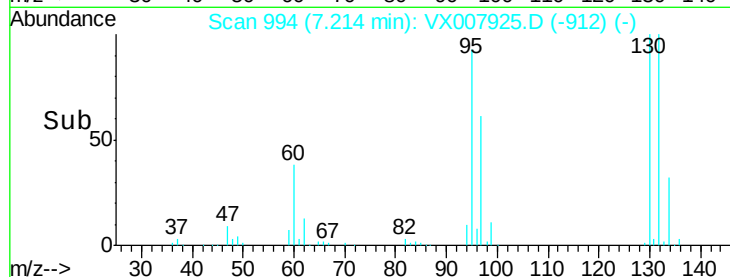
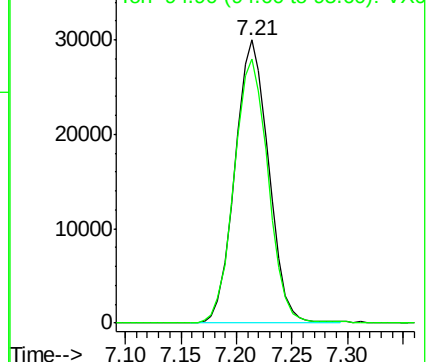
130 100

95 93.5 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.755 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

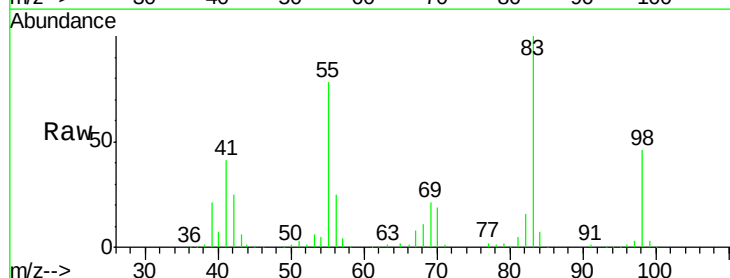
Tgt Ion: 83 Resp: 96063

Ion Ratio Lower Upper

83 100

55 78.2 36.0 108.0

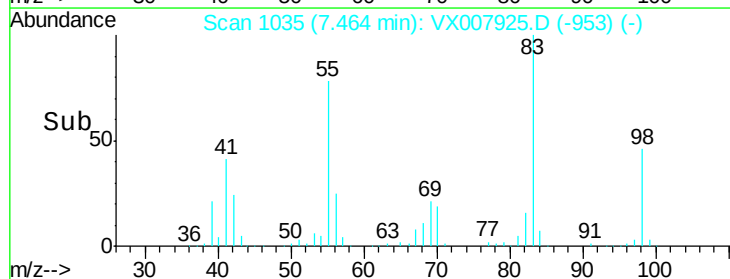
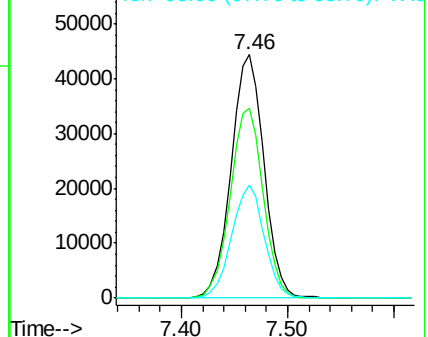
98 46.2 23.8 71.4

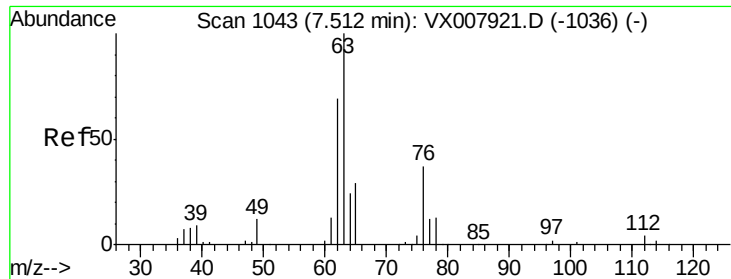


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

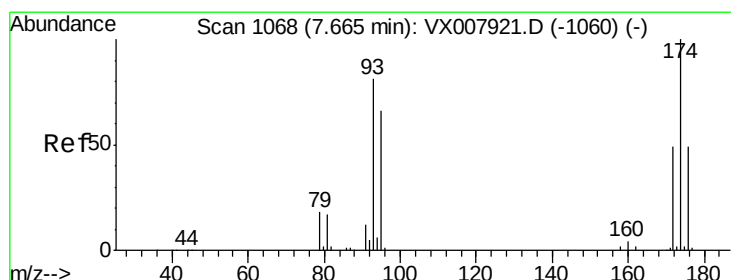
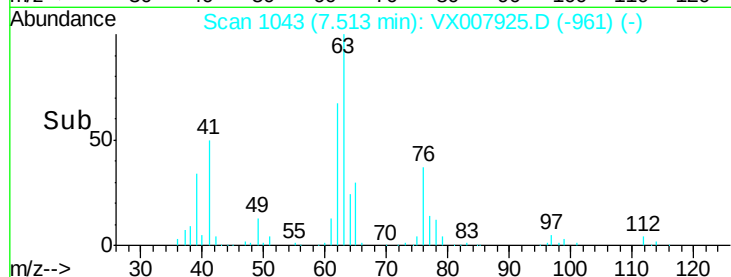
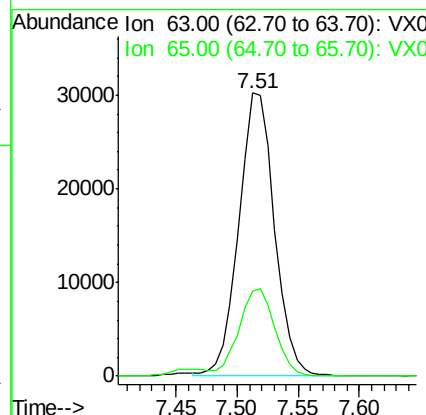
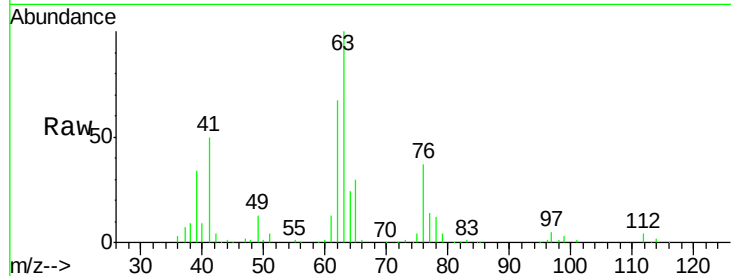




#39
 1,2-Dichloropropane
 Concen: 18.903 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

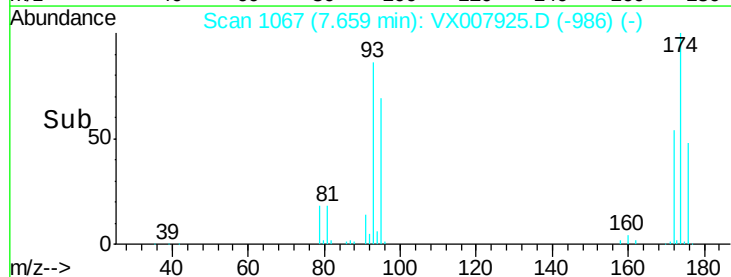
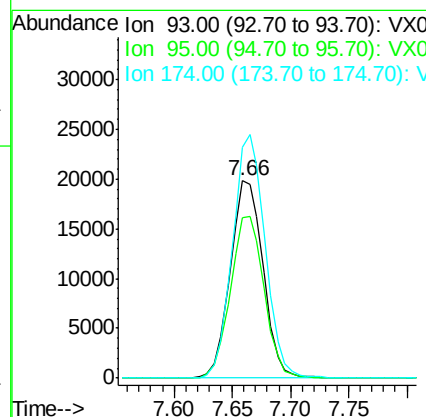
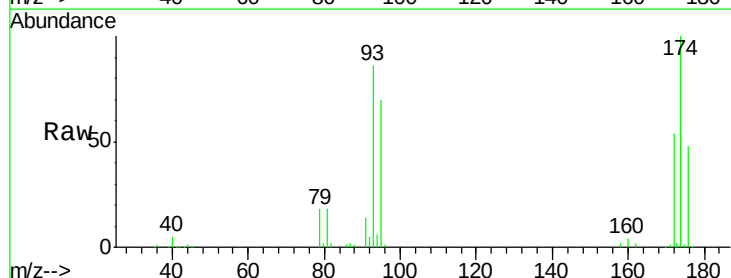
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

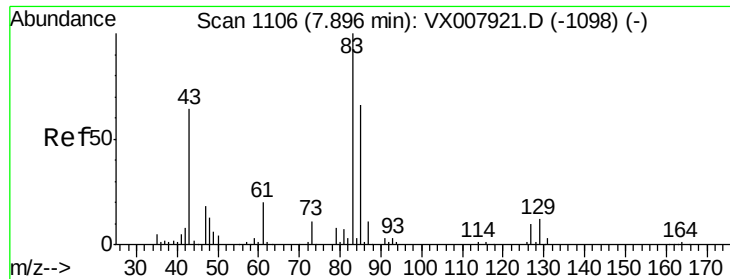
Tot Ion: 63 Resp: 60863
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0



#40
 Dibromomethane
 Concen: 19.062 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion: 93 Resp: 38931
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 158.8
 174 122.1 0.0 224.2





#41

Bromodichloromethane

Concen: 18.571 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

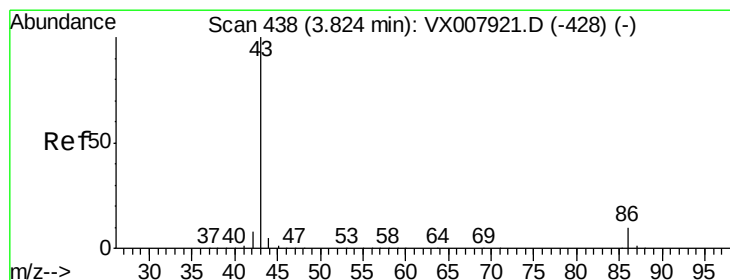
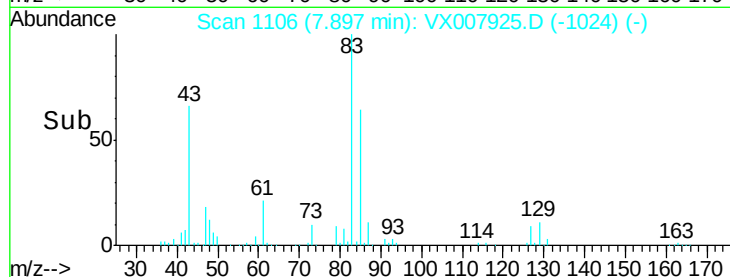
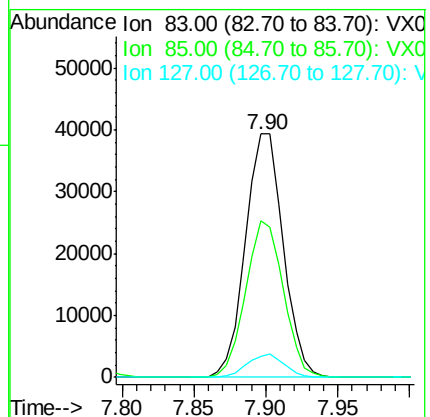
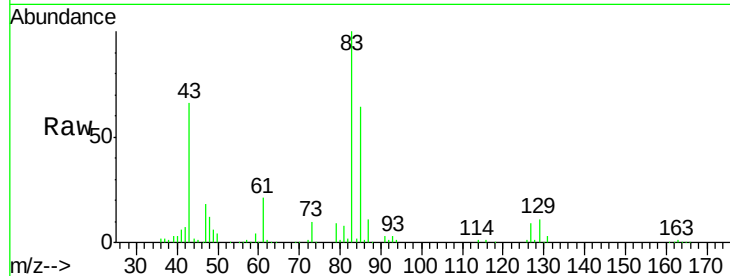
Tot Ion: 83 Resp: 71692

Ion Ratio Lower Upper

83 100

85 64.3 51.1 76.7

127 8.7 7.2 10.8



#42

Vinyl Acetate

Concen: 97.588 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007925.D

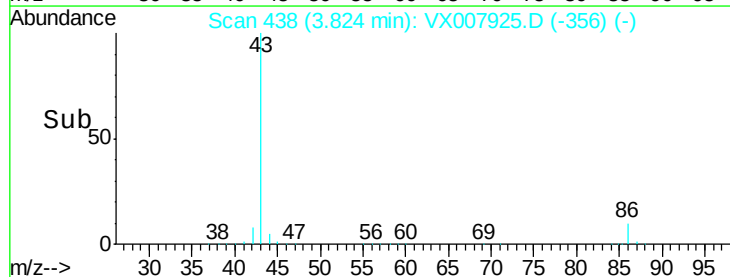
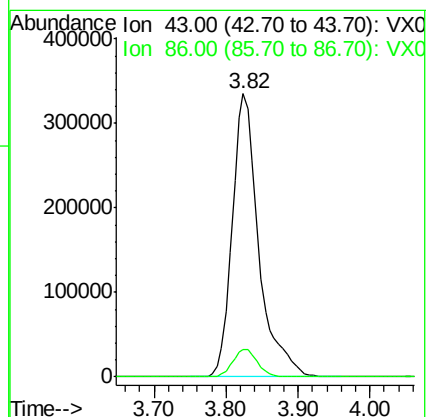
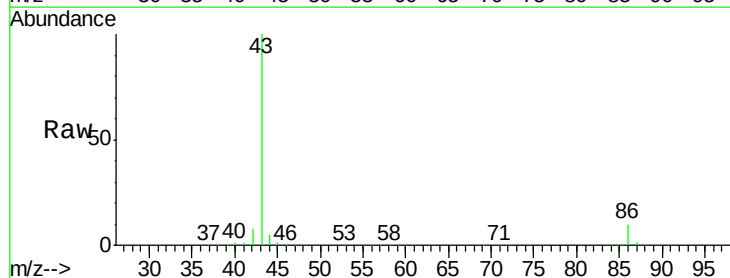
Acq: 08 Mar 2019 12:06

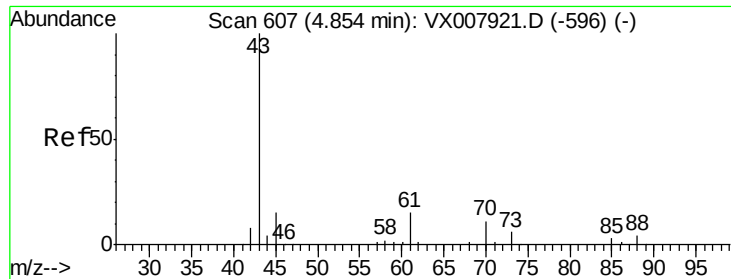
Tgt Ion: 43 Resp: 858342

Ion Ratio Lower Upper

43 100

86 9.0 8.2 12.2

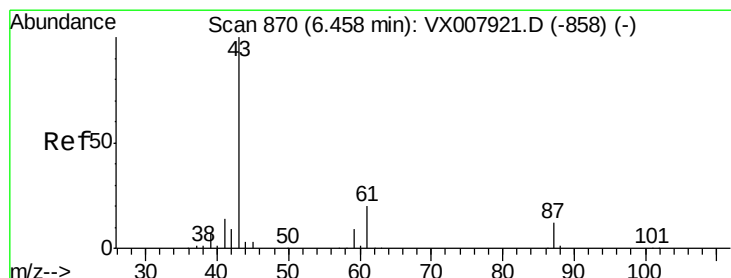
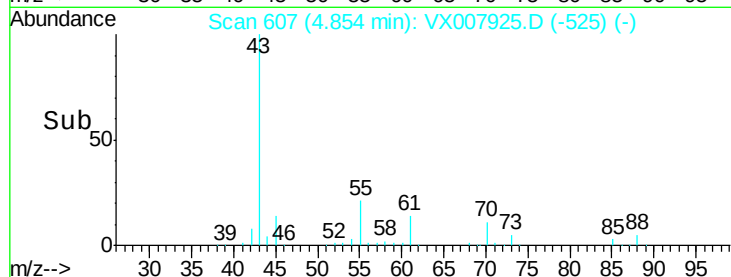
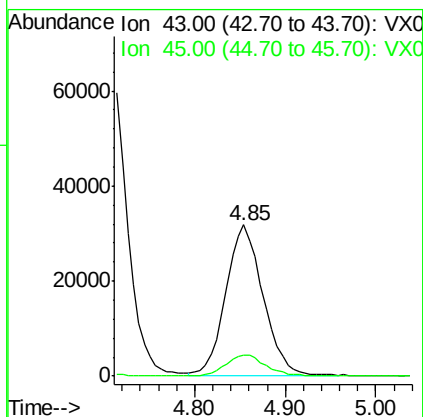
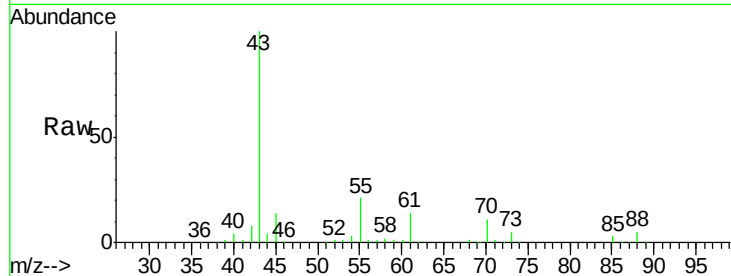




#43
Ethyl Acetate
Concen: 18.962 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

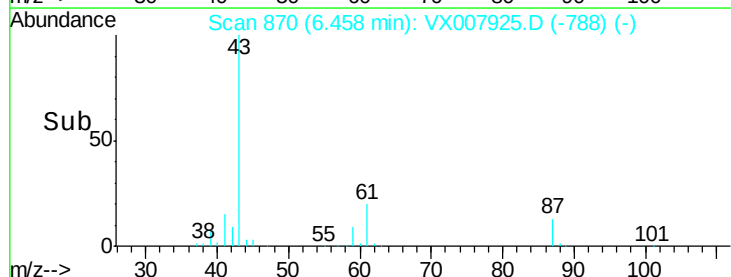
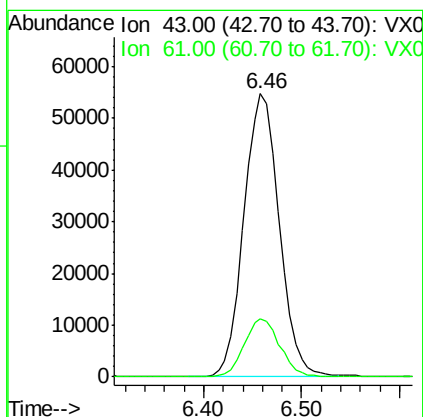
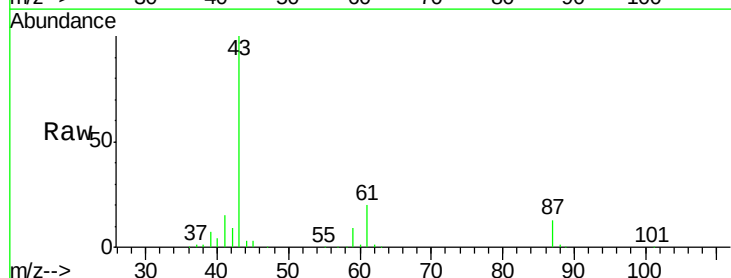
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

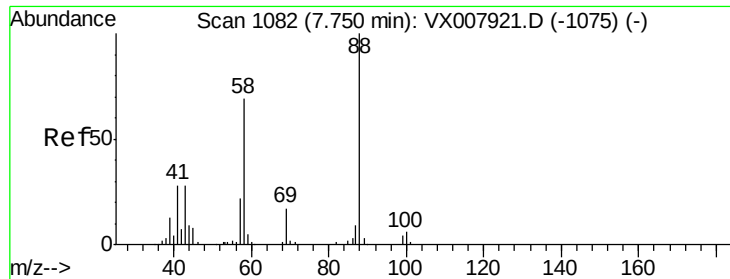
Tot Ion: 43 Resp: 89745
Ion Ratio Lower Upper
43 100
45 15.0 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.049 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 43 Resp: 137559
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1

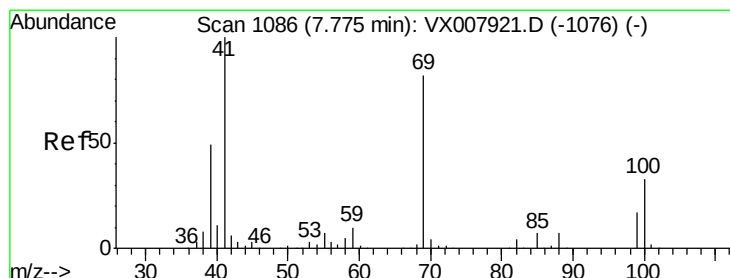
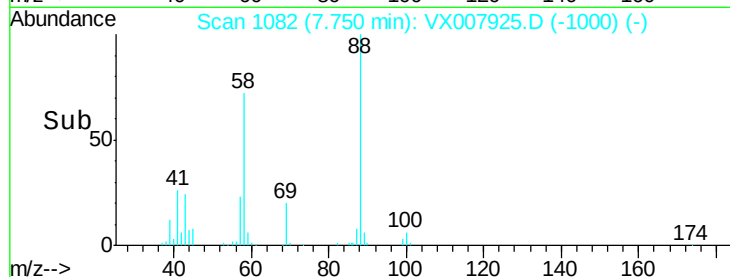
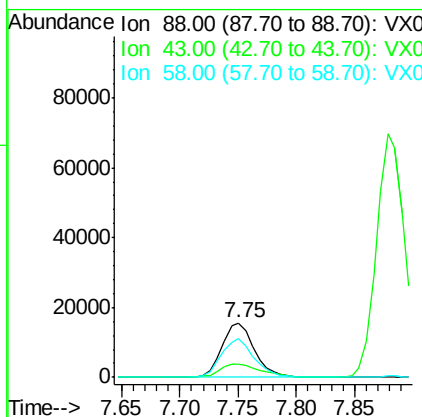
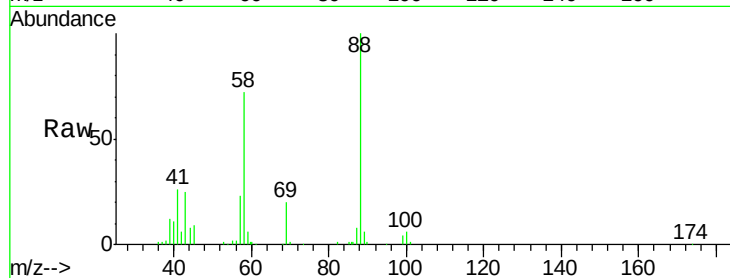




#45
 1,4-Dioxane
 Concen: 399.120 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

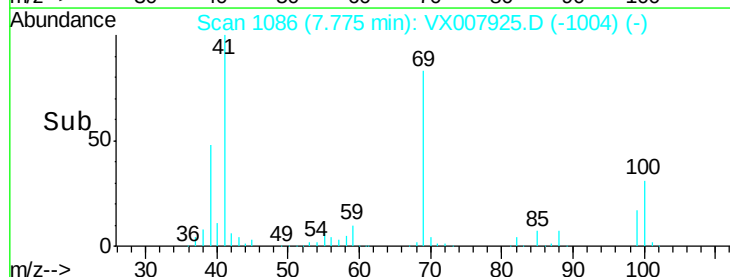
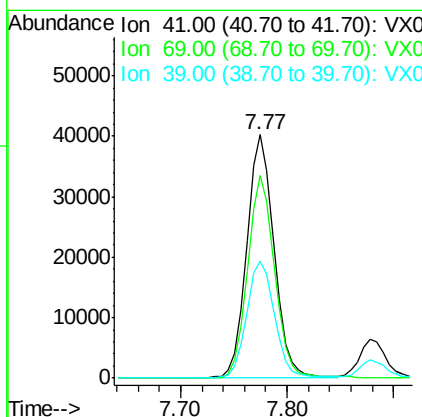
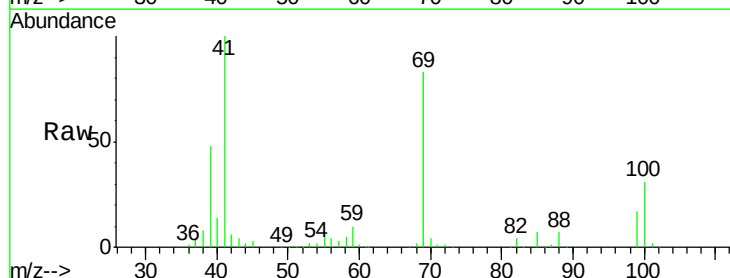
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

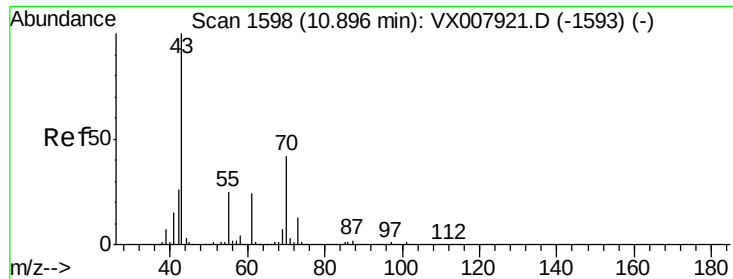
Tot Ion	88	Resp	30155
Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.6	35.4
58	72.9	51.6	77.4



#46
 Methyl methacrylate
 Concen: 19.008 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	41	Resp	72192
Ion	Ratio	Lower	Upper
41	100		
69	83.3	44.2	132.6
39	48.2	29.9	89.8





#47

n-amvl Acetate

Concen: 19.204 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

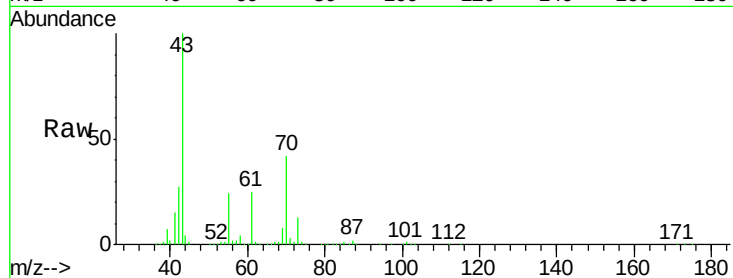
ICVVX030819

Tot Ion: 43 Resp: 119495

Ion Ratio Lower Upper

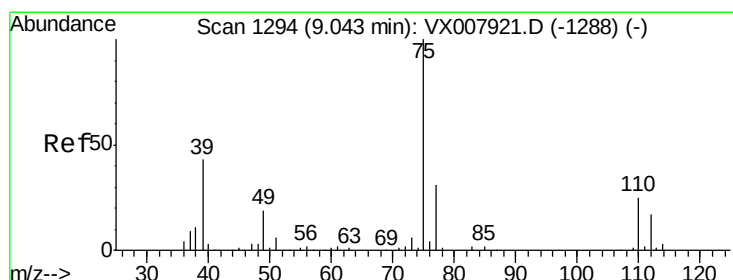
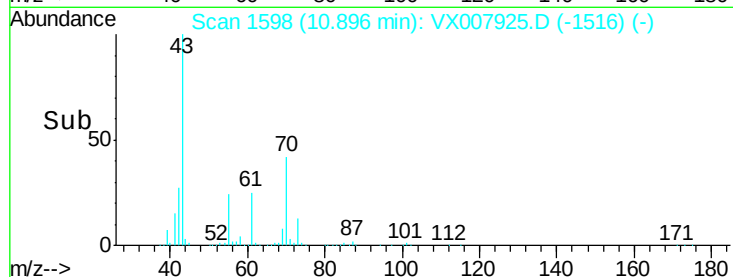
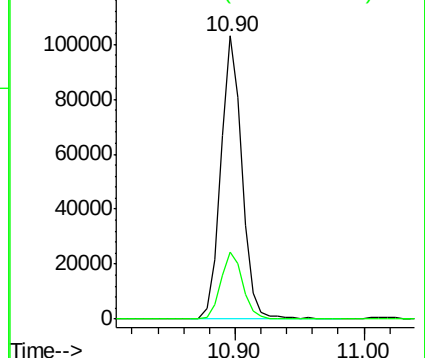
43 100

55 25.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.360 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007925.D

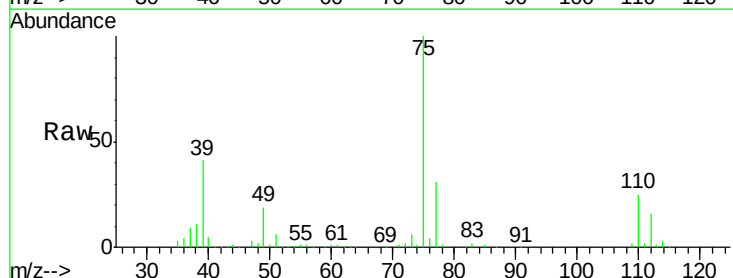
Acq: 08 Mar 2019 12:06

Tgt Ion: 75 Resp: 76760

Ion Ratio Lower Upper

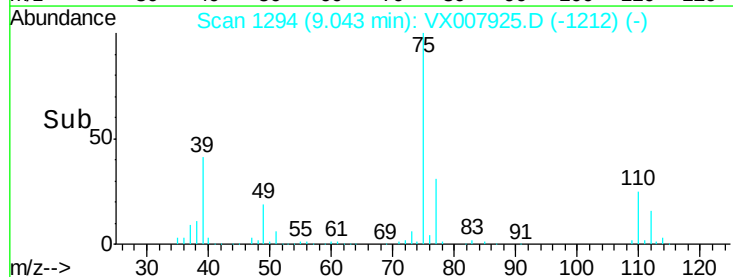
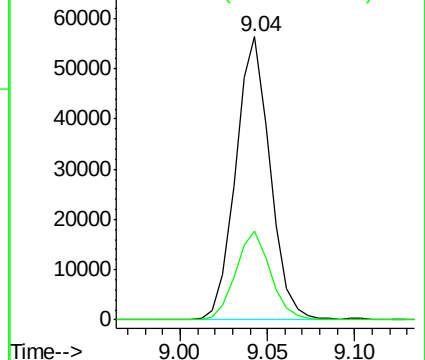
75 100

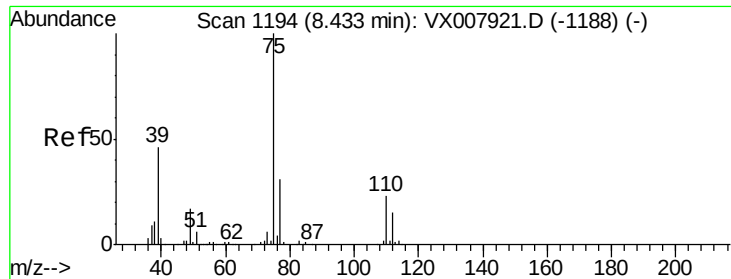
77 31.3 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



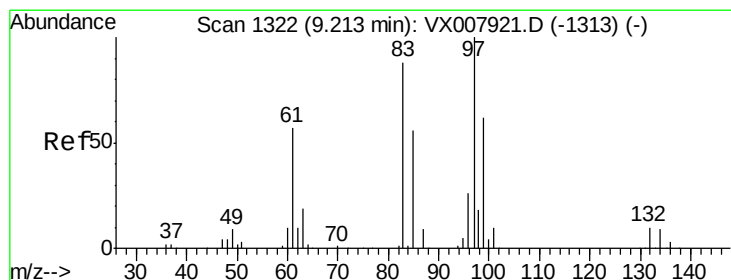
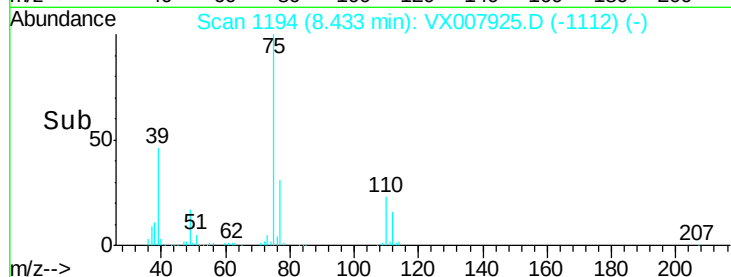
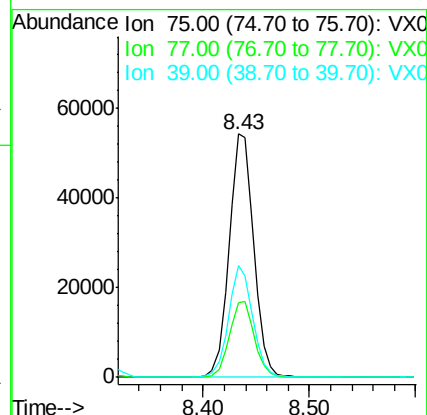
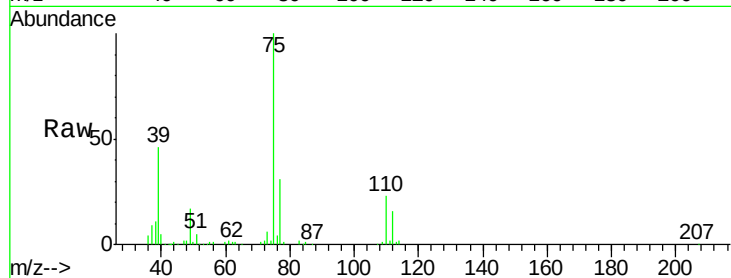


#49

cis-1,3-Dichloropropene
 Concen: 18.571 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

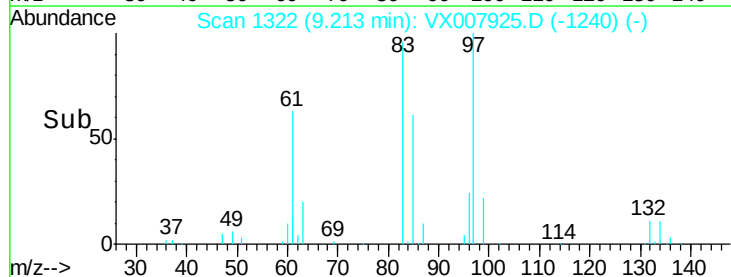
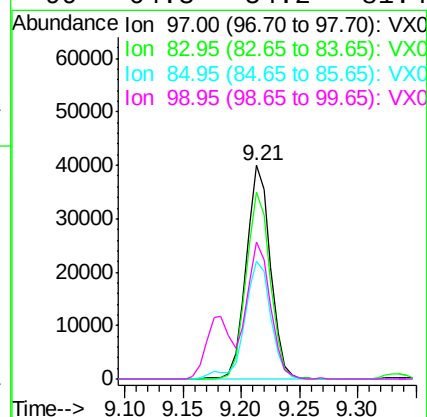
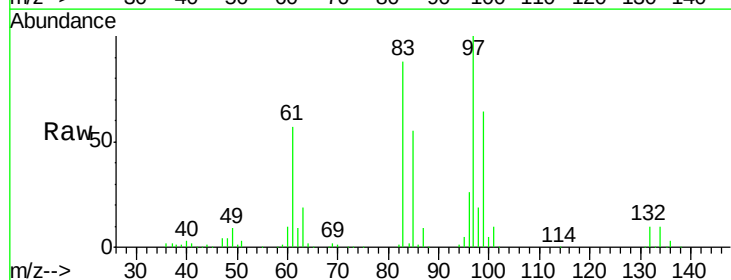
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4
39	45.8	38.5	57.7

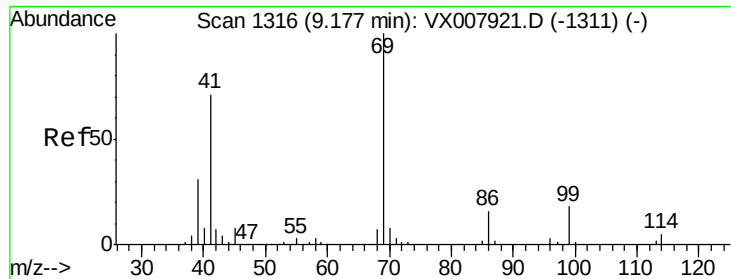


#50

1,1,2-Trichloroethane
 Concen: 18.745 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.0	108.0
85	55.2	45.0	67.6
99	64.3	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.217 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

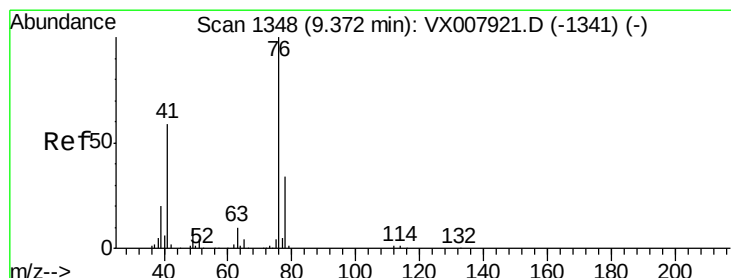
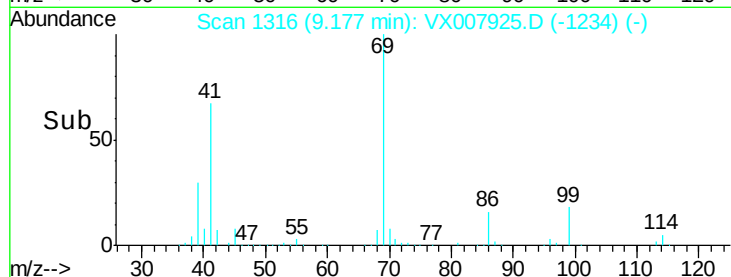
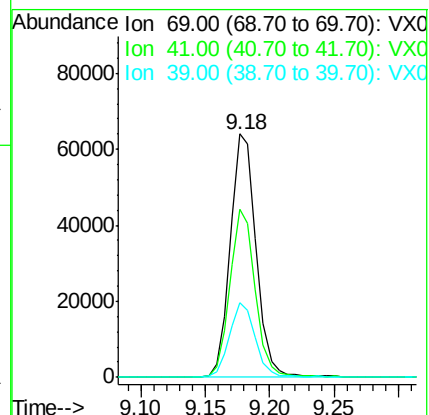
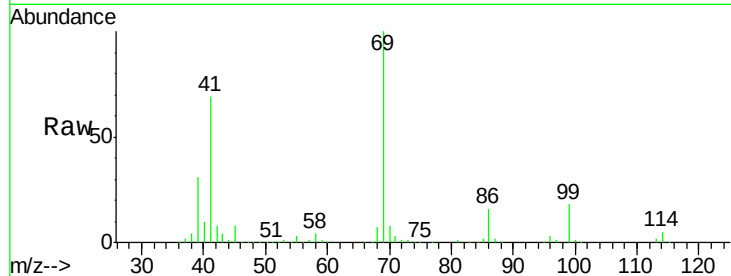
Tot Ion: 69 Resp: 90726

Ion Ratio Lower Upper

69 100

41 68.7 32.1 96.5

39 30.7 18.8 56.3



#52

1,3-Dichloropropane

Concen: 19.027 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007925.D

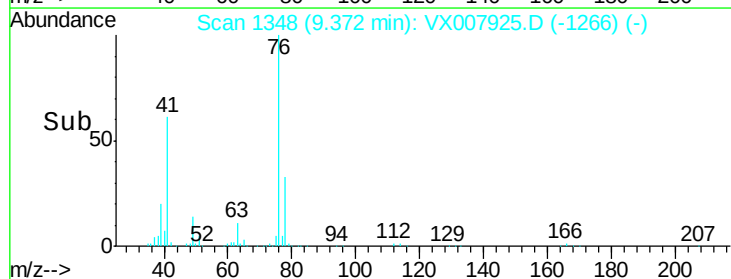
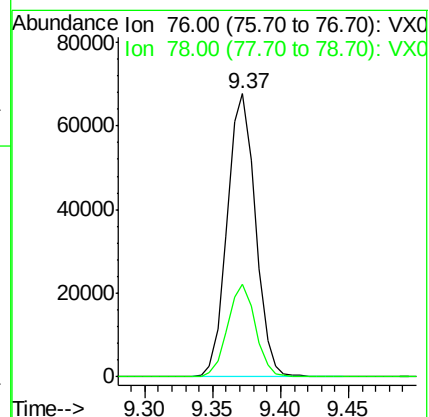
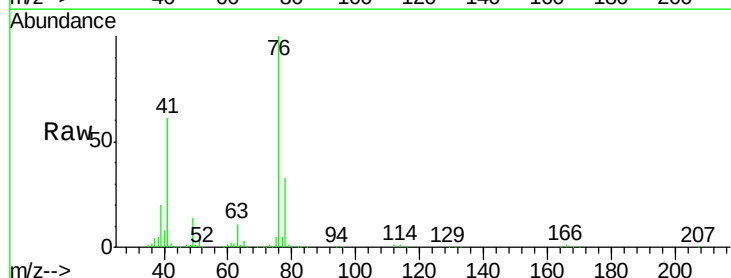
Acq: 08 Mar 2019 12:06

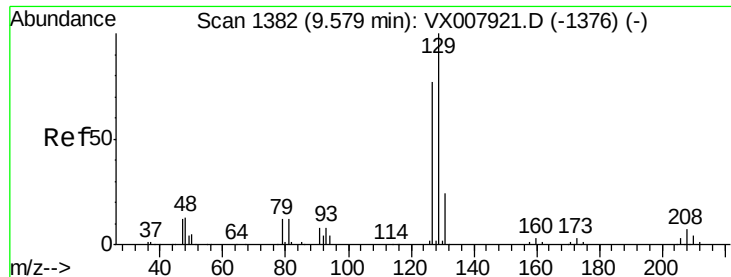
Tgt Ion: 76 Resp: 97868

Ion Ratio Lower Upper

76 100

78 32.2 0.0 65.2





#53

Dibromochloromethane

Concen: 18.502 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

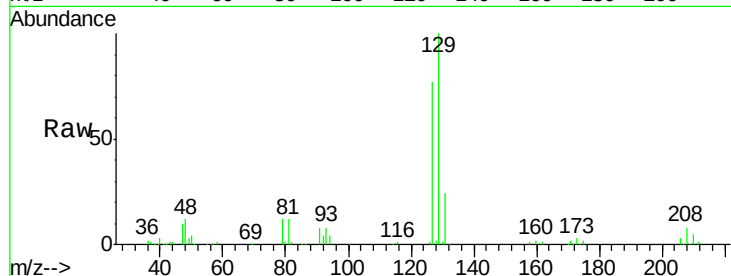
ICVVX030819

Tot Ion:129 Resp: 59247

Ion Ratio Lower Upper

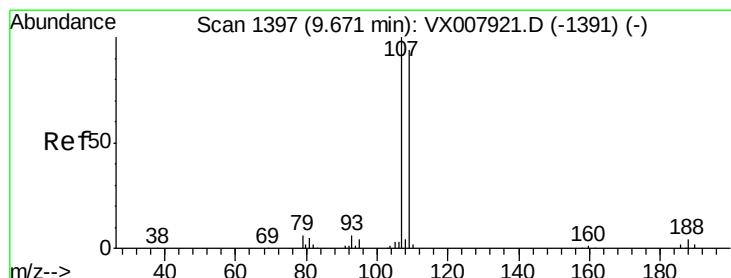
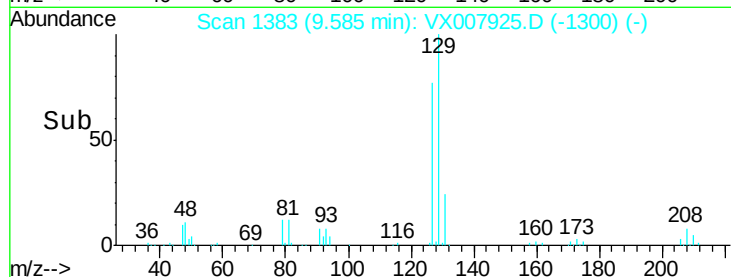
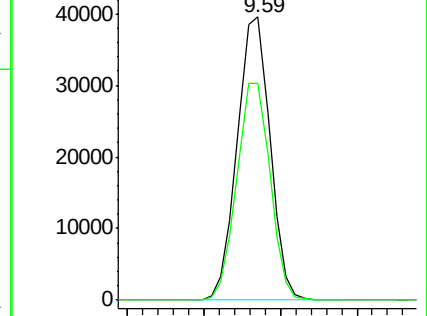
129 100

127 77.8 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.993 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007925.D

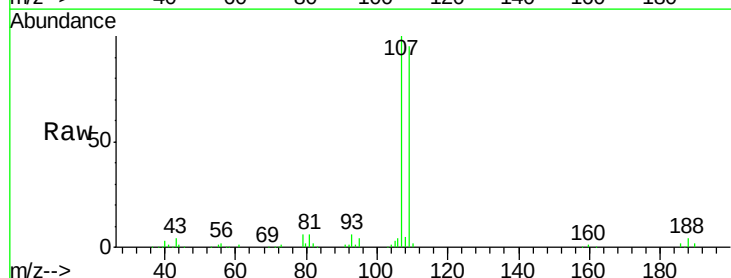
Acq: 08 Mar 2019 12:06

Tgt Ion:107 Resp: 61813

Ion Ratio Lower Upper

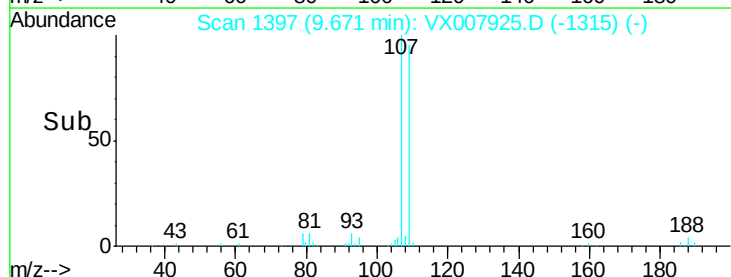
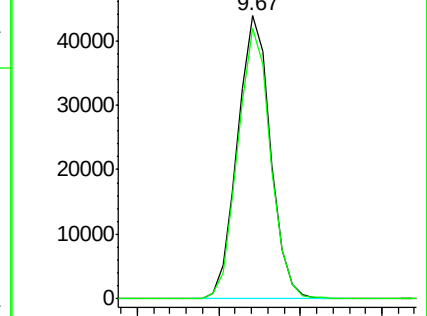
107 100

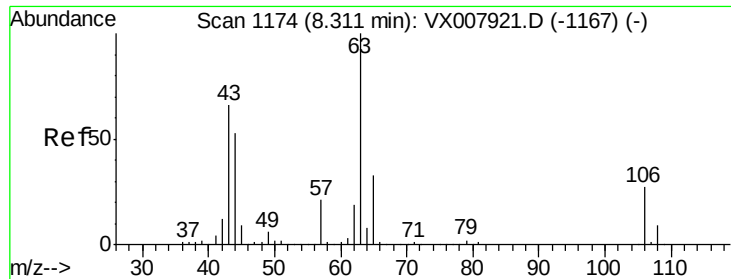
109 94.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

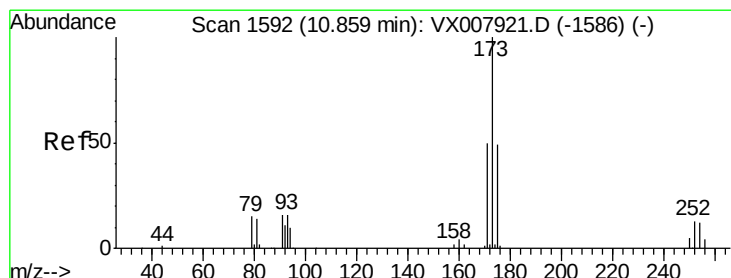
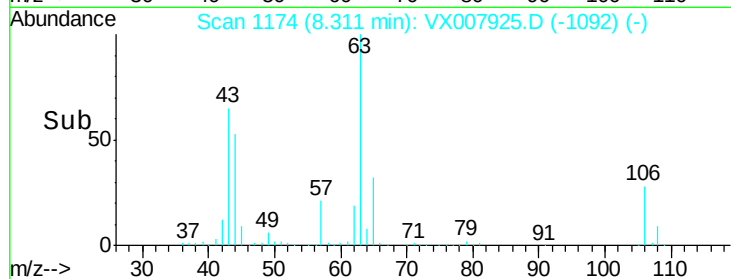
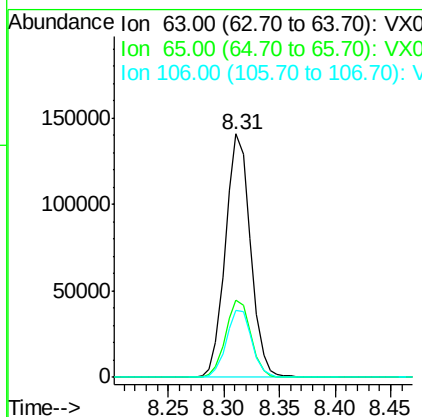
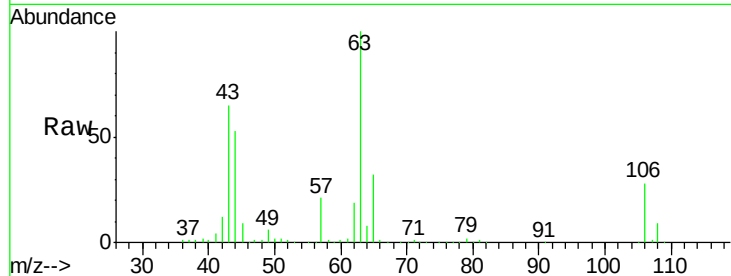




#55
2-Chloroethyl vinyl ether
Concen: 100.022 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

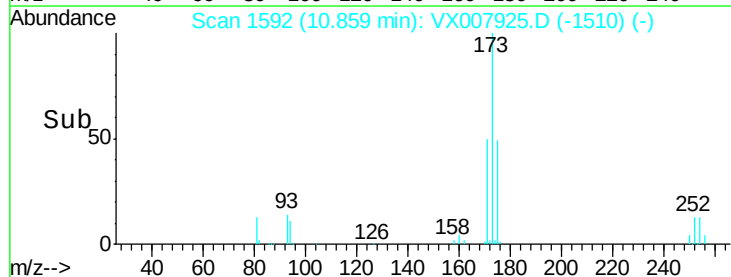
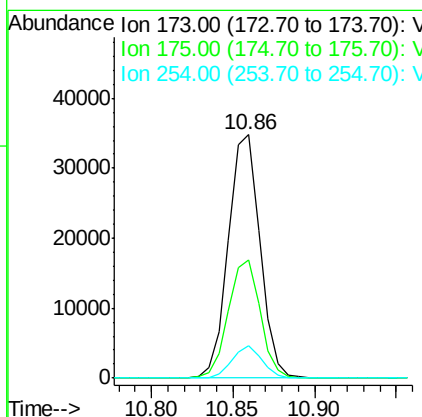
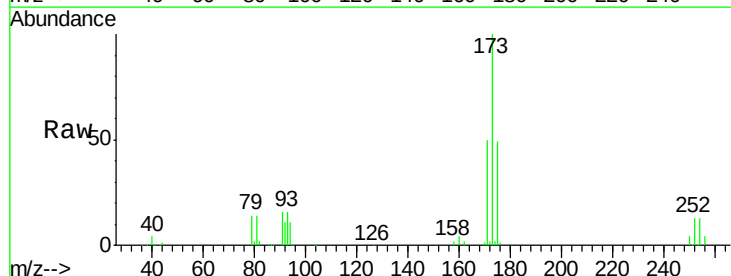
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

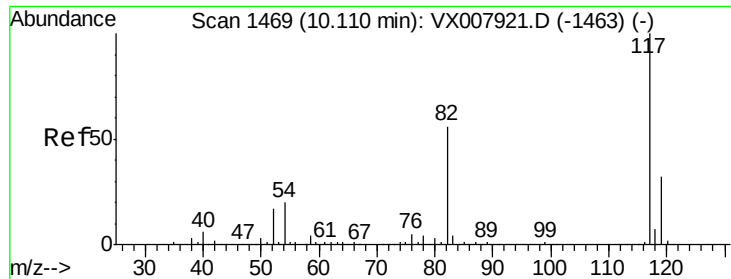
Tot Ion: 63 Resp: 219628
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 28.0 23.7 35.5



#56
Bromoform
Concen: 18.448 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 173 Resp: 47119
Ion Ratio Lower Upper
173 100
175 48.6 38.5 57.7
254 12.4 7.4 11.2#

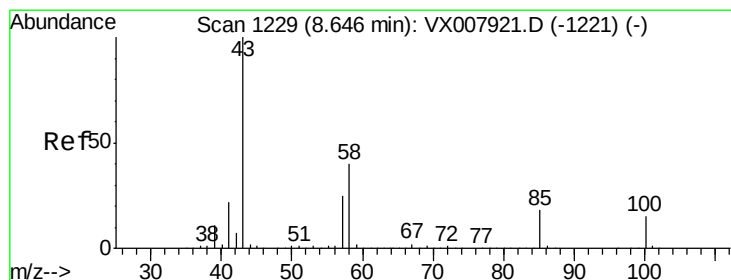
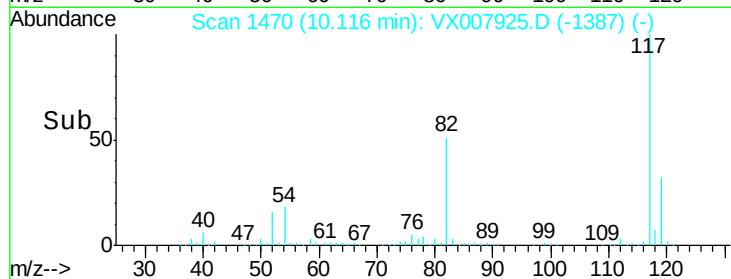
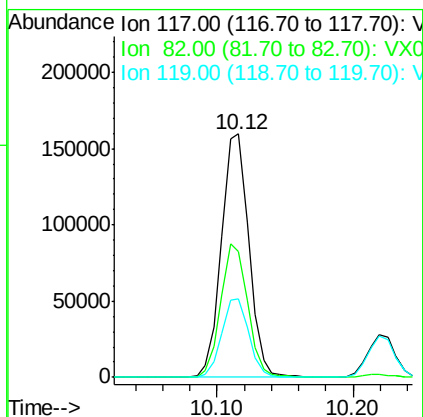
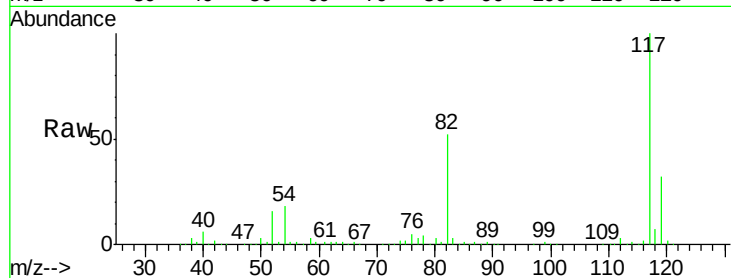




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

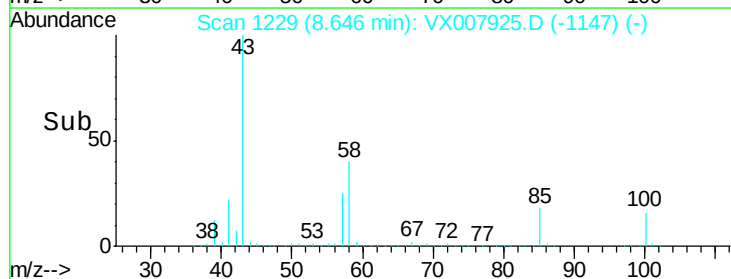
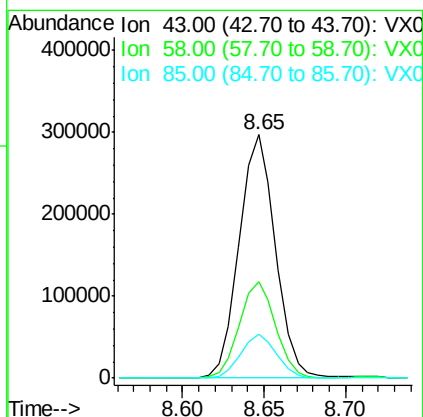
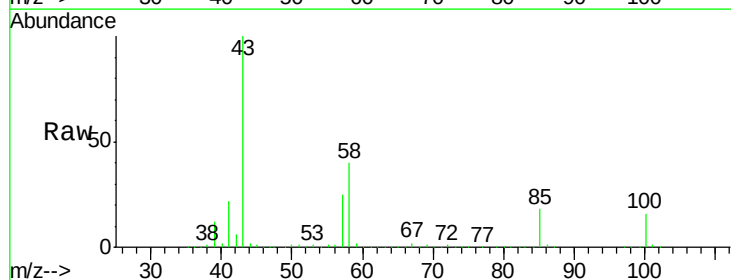
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

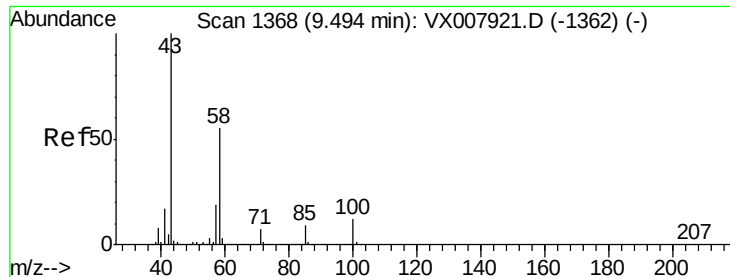
Tot Ion:117 Resp: 223411
Ion Ratio Lower Upper
117 100
82 53.9 40.4 60.6
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 99.902 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 43 Resp: 459522
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.0
85 17.9 15.0 22.6

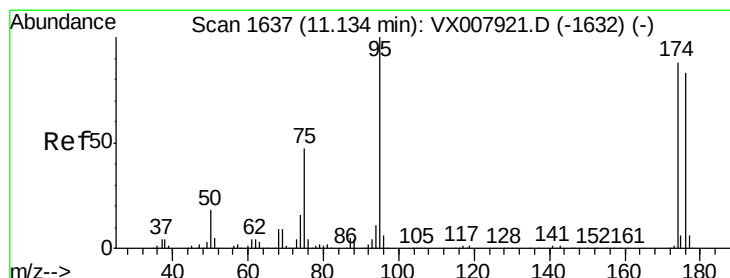
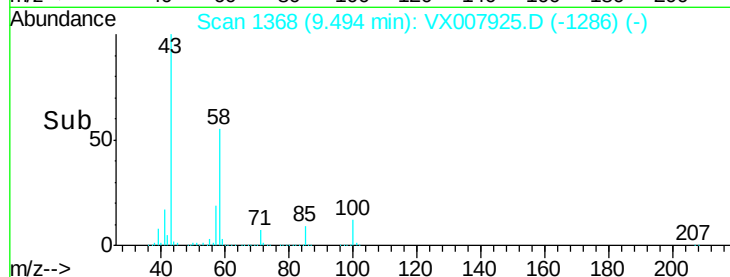
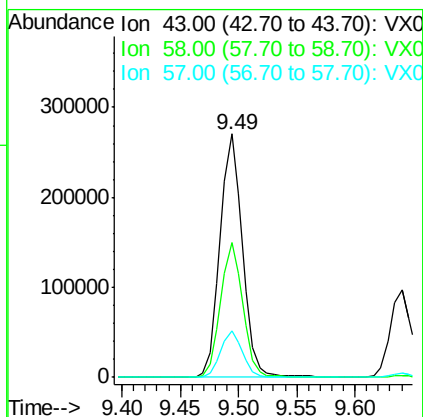
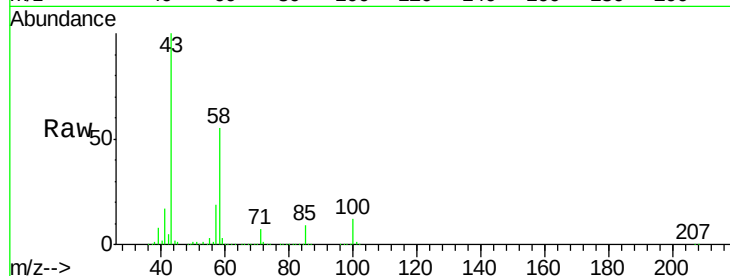




#59
2-Hexanone
Concen: 99.282 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

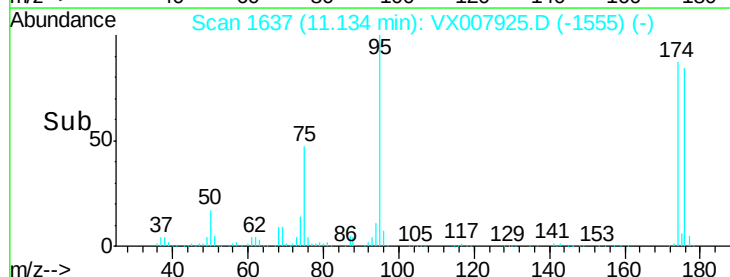
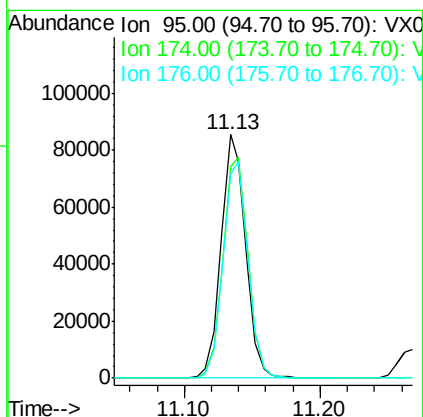
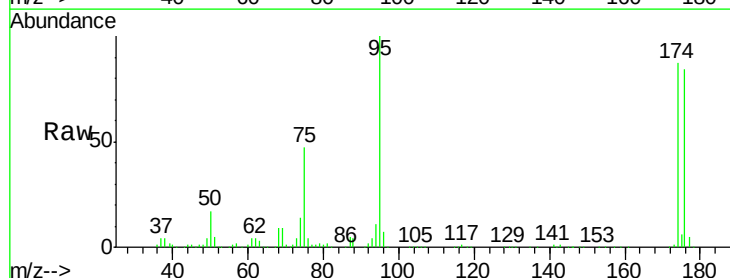
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

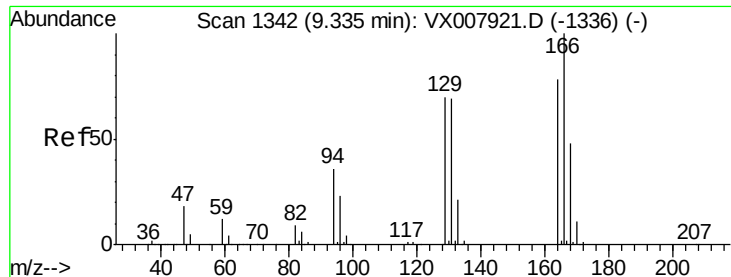
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.9	65.9
57	18.8	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 29.889 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.9	74.9	112.3
176	90.3	70.7	106.1





#61

Tetrachloroethene

Concen: 19.113 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion:164 Resp: 62288

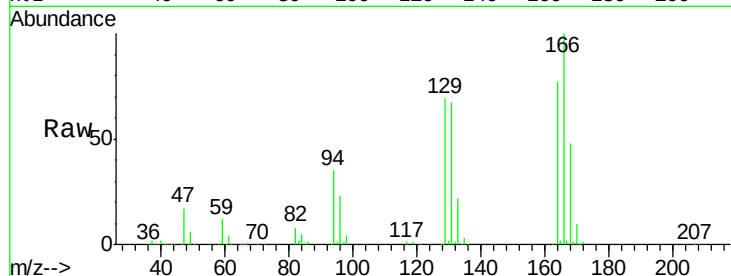
Ion Ratio Lower Upper

164 100

166 130.2 103.9 155.9

129 90.5 74.7 112.1

131 87.2 71.7 107.5

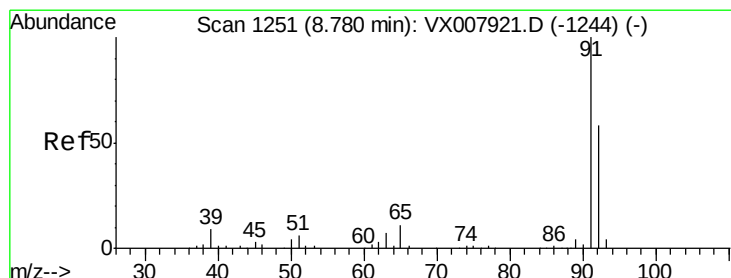
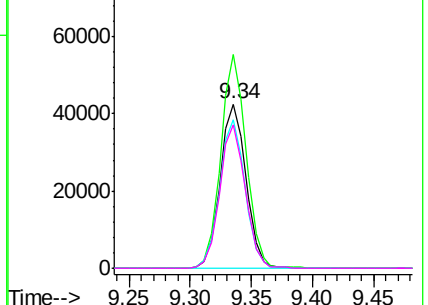
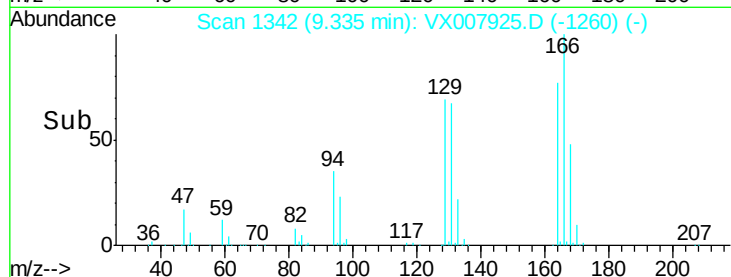


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.303 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007925.D

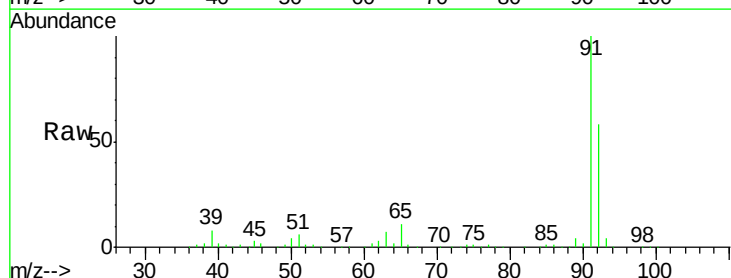
Acq: 08 Mar 2019 12:06

Tgt Ion: 91 Resp: 251813

Ion Ratio Lower Upper

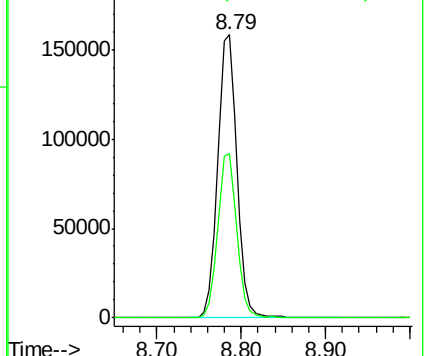
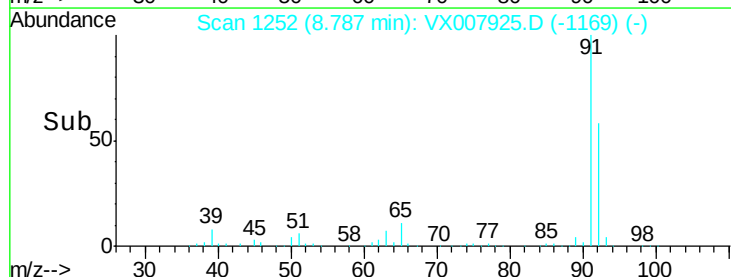
91 100

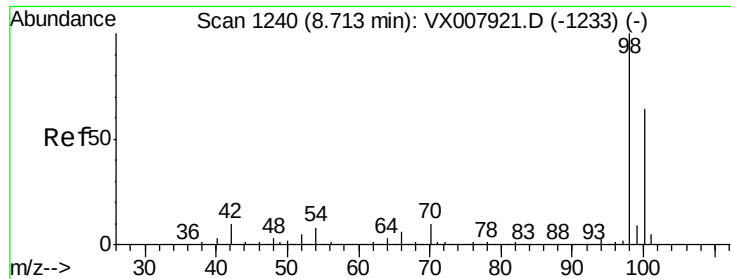
92 57.4 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

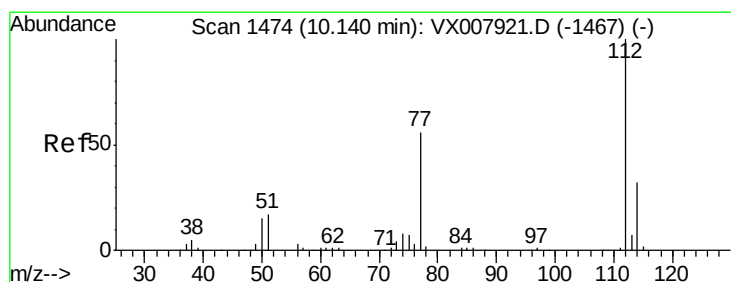
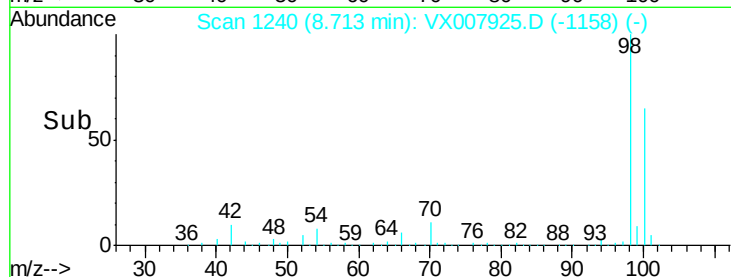
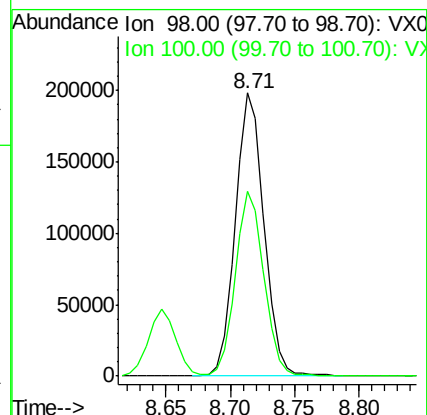
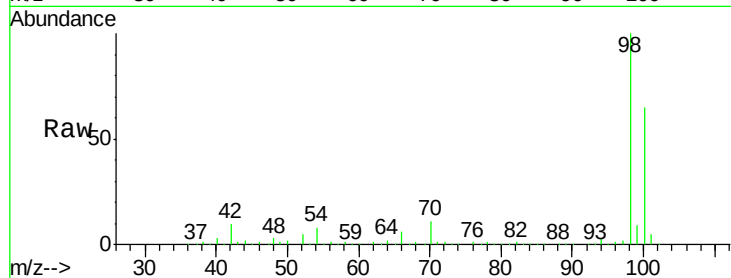




#63
Toluene-d8
Concen: 30.062 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

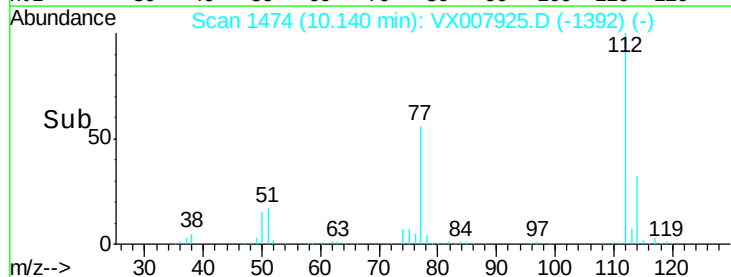
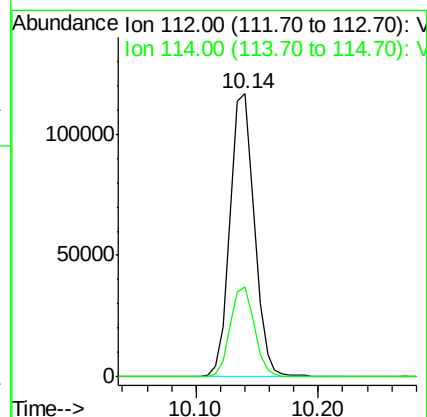
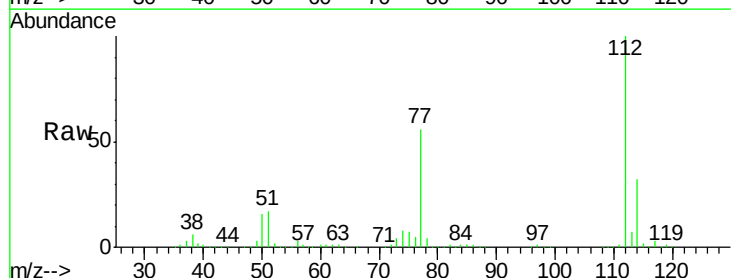
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

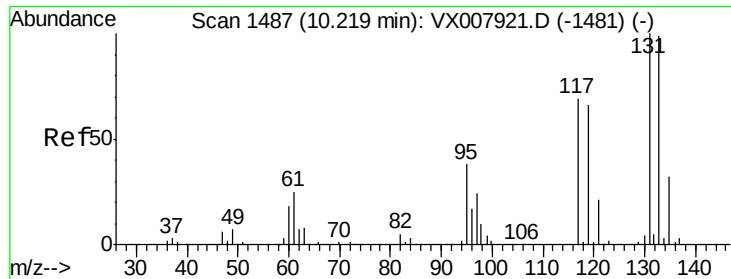
Tot Ion: 98 Resp: 307359
Ion Ratio Lower Upper
98 100
100 65.5 50.9 76.3



#64
Chlorobenzene
Concen: 19.341 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 112 Resp: 160808
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.115 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

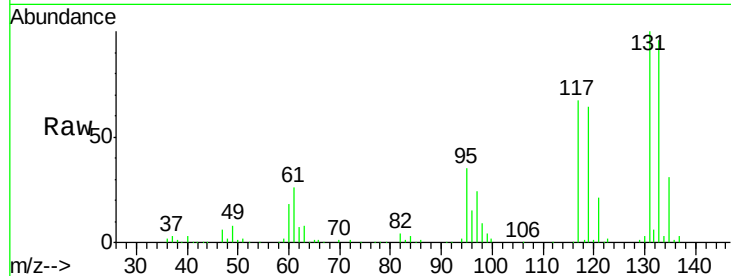
Tot Ion:131 Resp: 56903

Ion Ratio Lower Upper

131 100

133 94.7 0.0 191.6

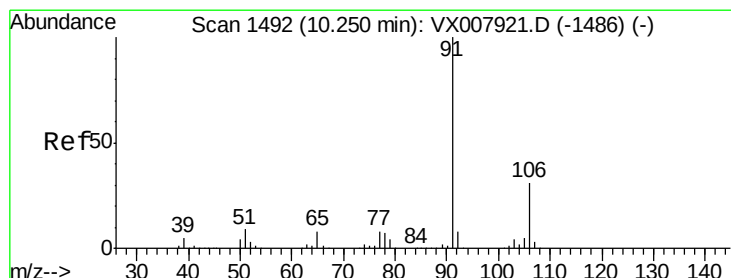
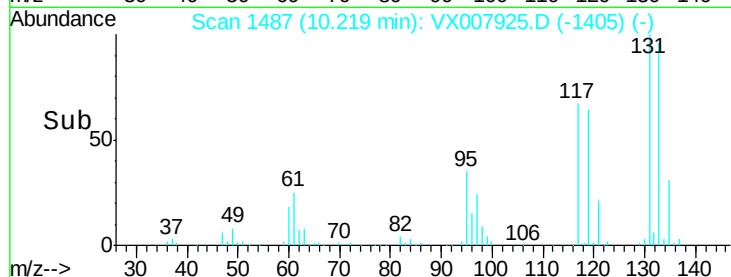
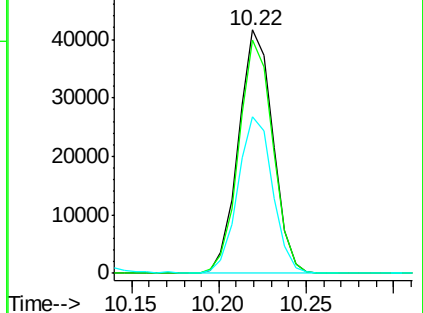
119 64.9 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.045 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007925.D

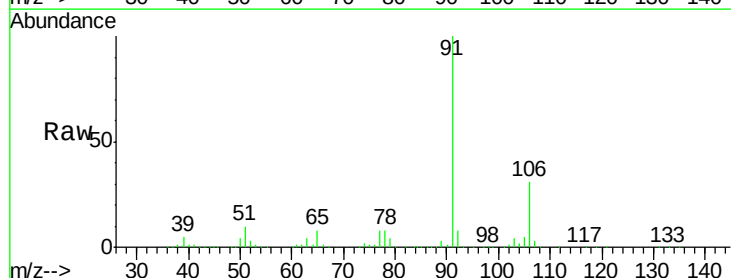
Acq: 08 Mar 2019 12:06

Tgt Ion: 91 Resp: 266859

Ion Ratio Lower Upper

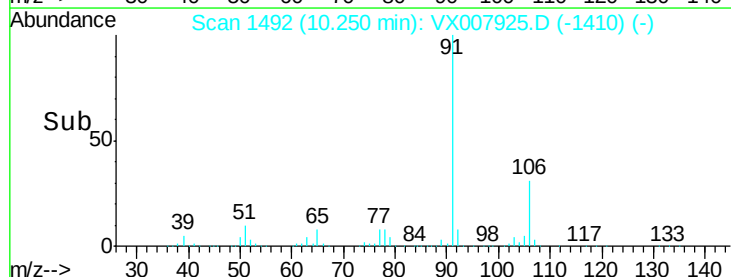
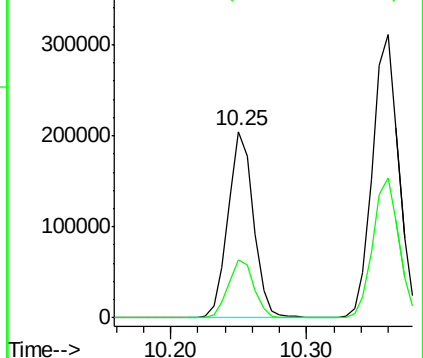
91 100

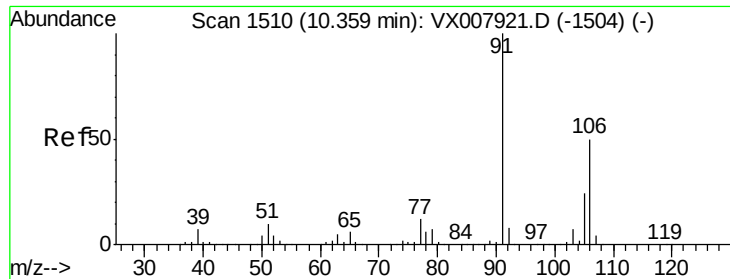
106 30.9 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.310 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

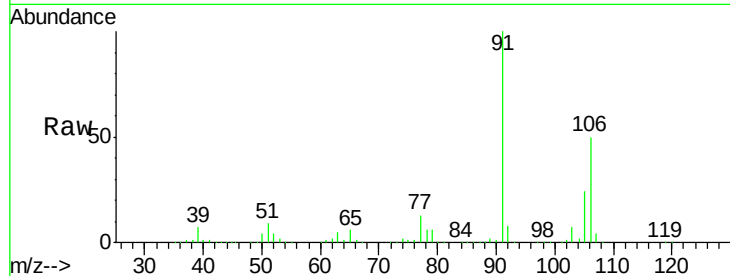
ICVVX030819

Tot Ion:106 Resp: 205839

Ion Ratio Lower Upper

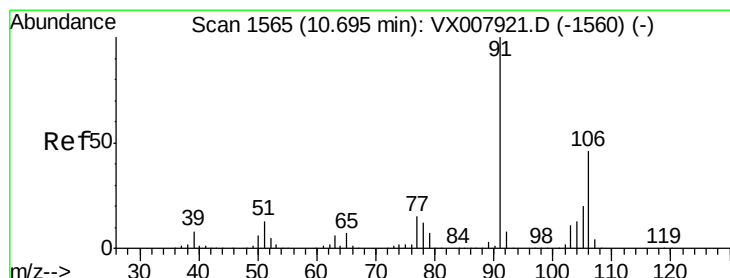
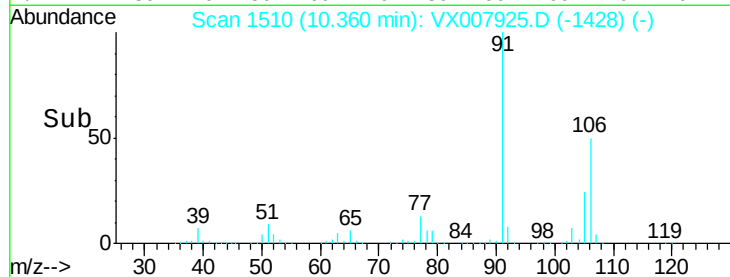
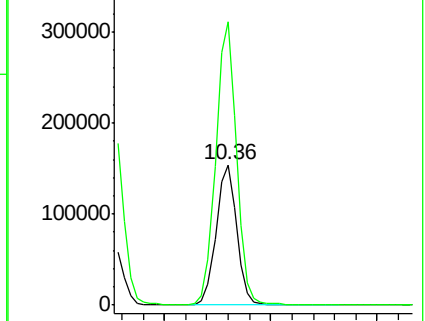
106 100

91 201.9 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.233 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007925.D

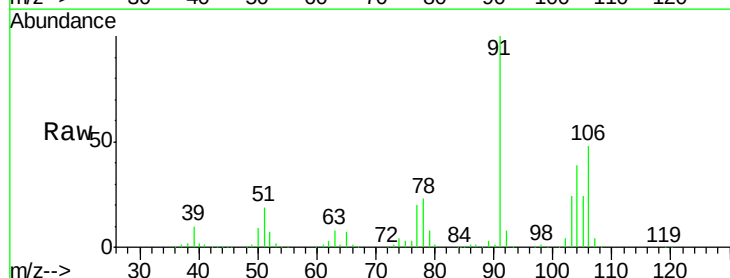
Acq: 08 Mar 2019 12:06

Tgt Ion:106 Resp: 100343

Ion Ratio Lower Upper

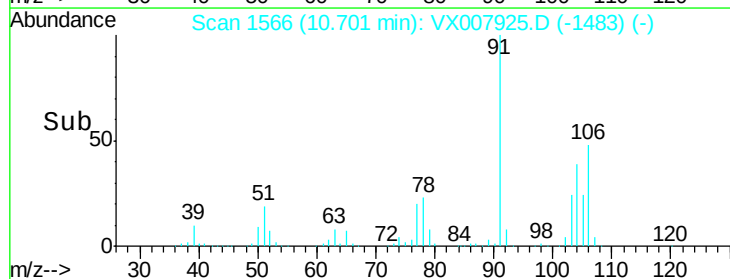
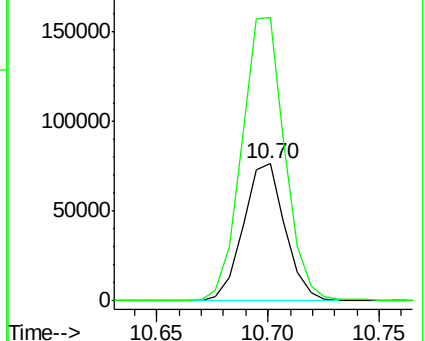
106 100

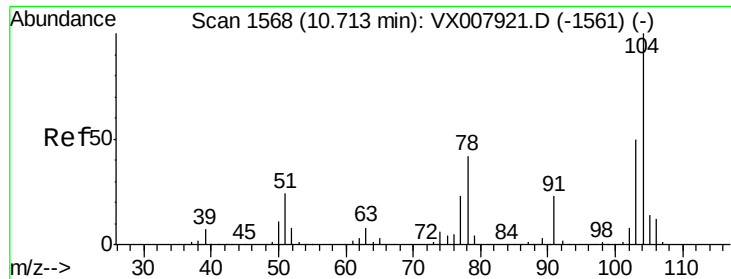
91 211.6 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 19.351 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

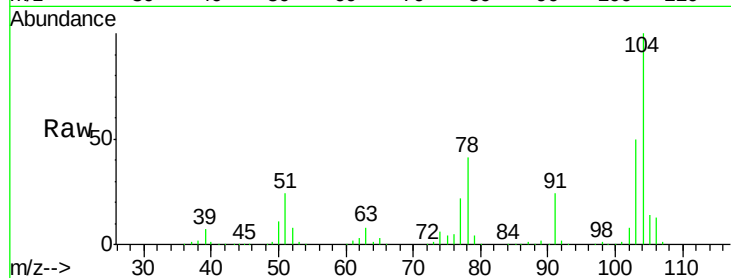
Tot Ion:104 Resp: 166357

Ion Ratio Lower Upper

104 100

78 47.9 38.2 57.2

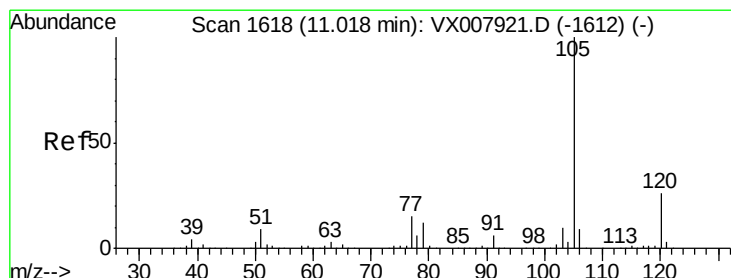
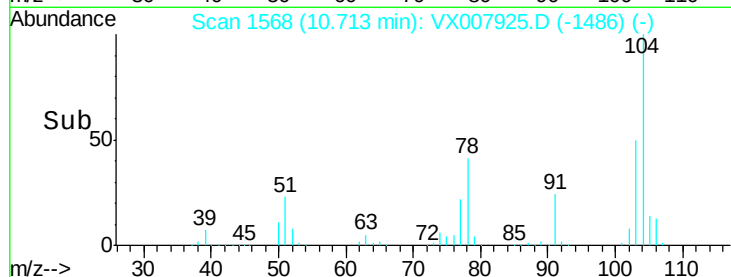
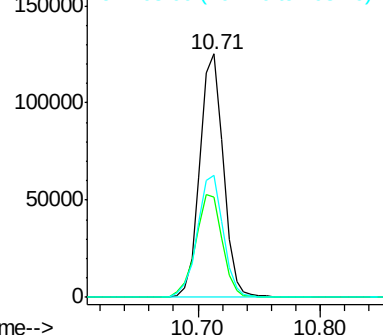
103 55.1 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.295 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007925.D

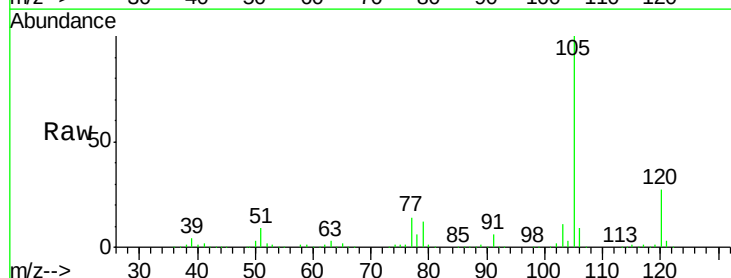
Acq: 08 Mar 2019 12:06

Tgt Ion:105 Resp: 269002

Ion Ratio Lower Upper

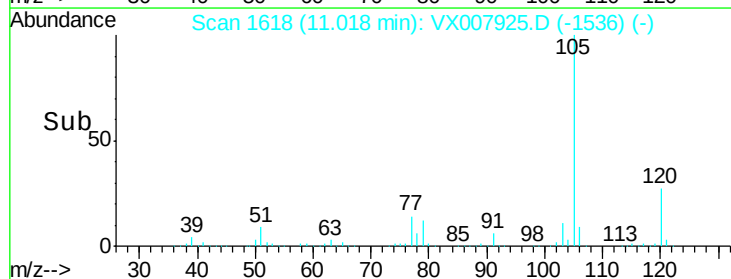
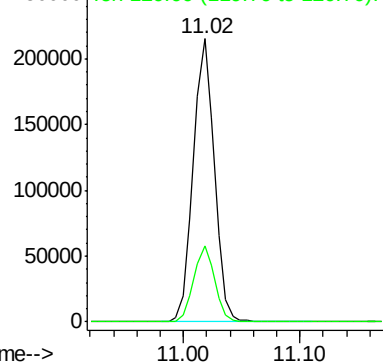
105 100

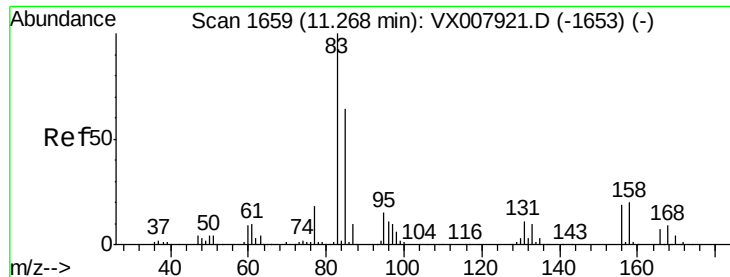
120 26.5 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

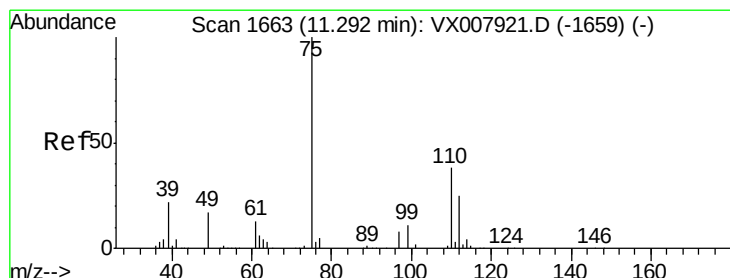
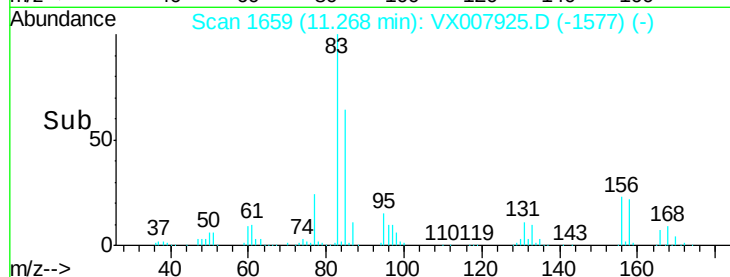
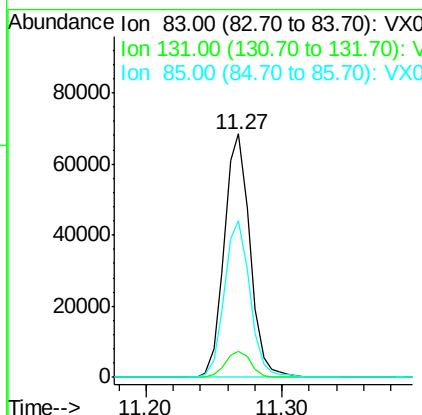
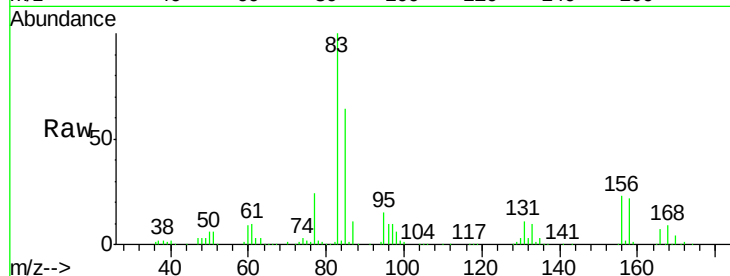




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.570 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

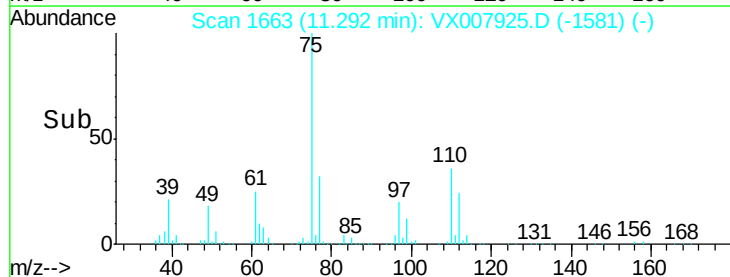
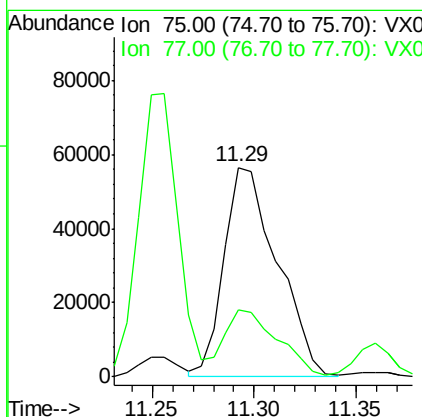
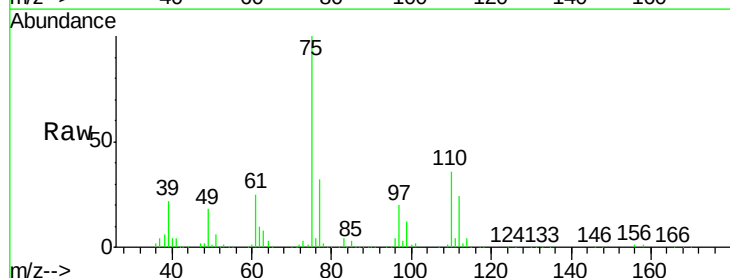
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

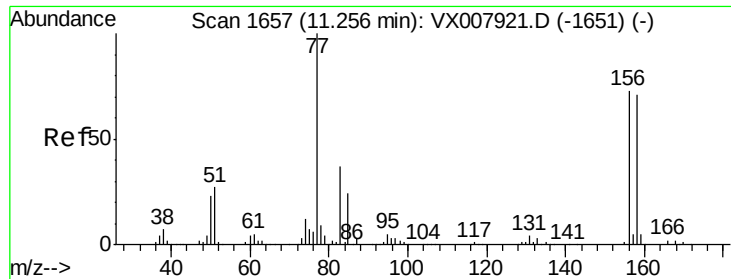
Tot Ion: 83 Resp: 90108
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 64.1 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 23.691 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion: 75 Resp: 102823
 Ion Ratio Lower Upper
 75 100
 77 32.7 0.0 76.4





#73

Bromobenzene

Concen: 19.635 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVX030819

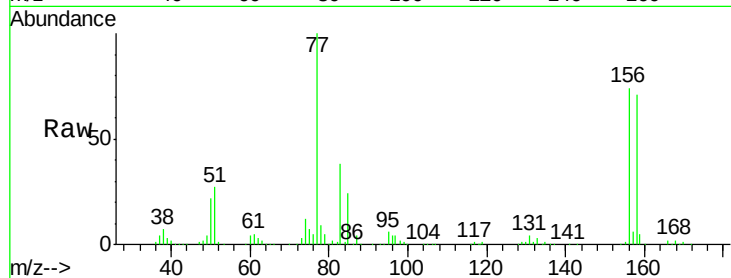
Tot Ion:156 Resp: 72776

Ion Ratio Lower Upper

156 100

77 140.7 0.0 271.4

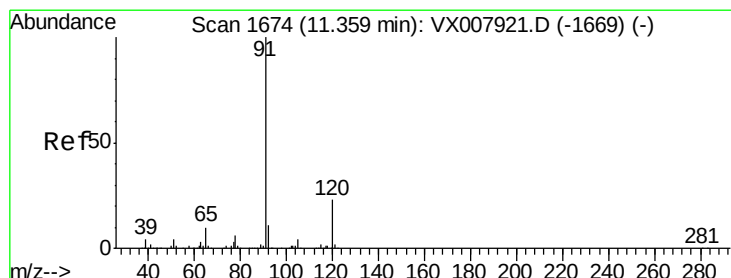
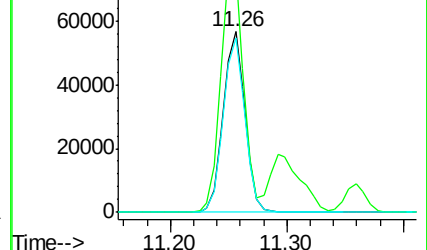
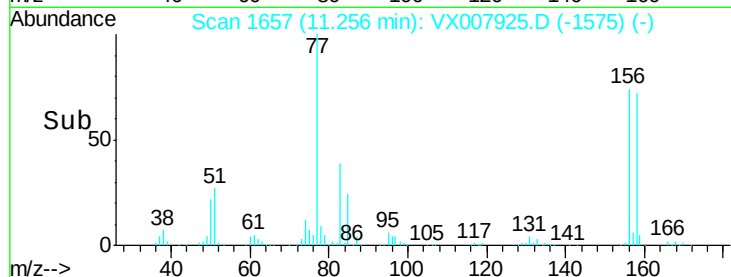
158 96.1 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.048 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007925.D

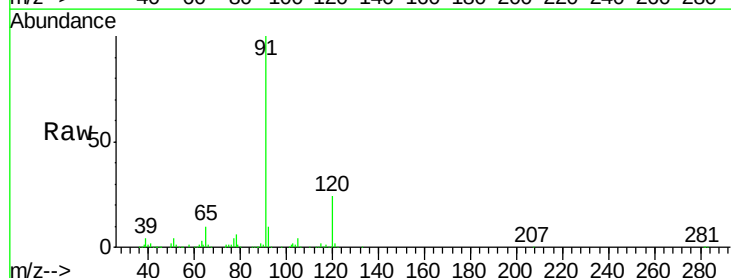
Acq: 08 Mar 2019 12:06

Tgt Ion: 91 Resp: 299546

Ion Ratio Lower Upper

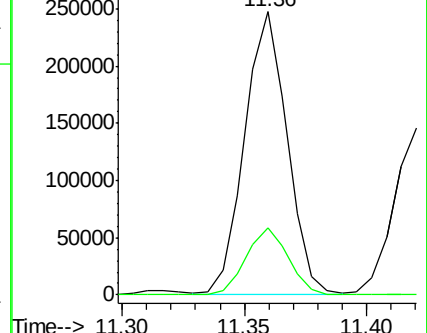
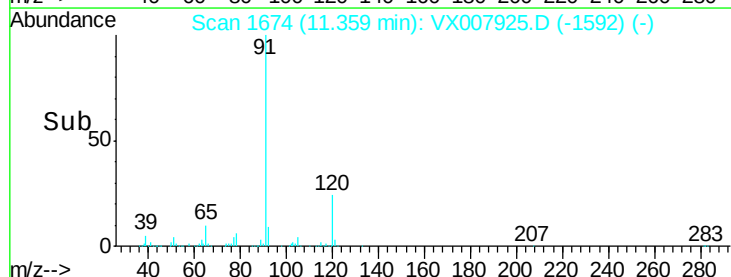
91 100

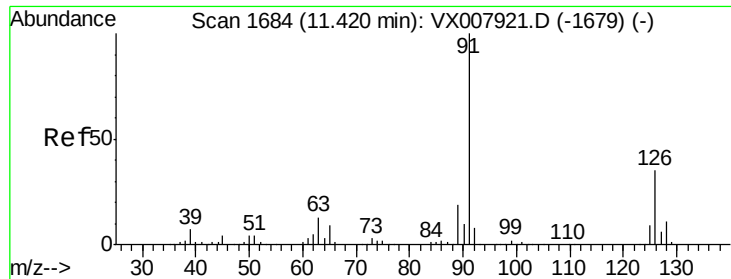
120 23.6 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.141 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

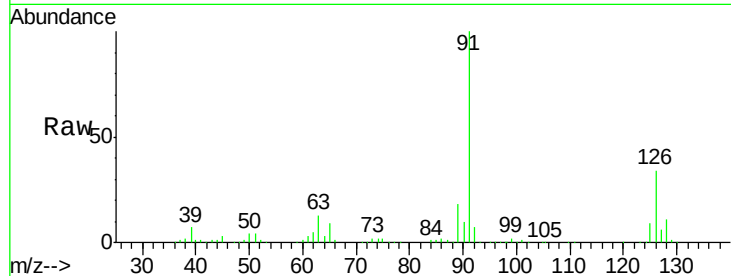
ICVVX030819

Tot Ion: 91 Resp: 180424

Ion Ratio Lower Upper

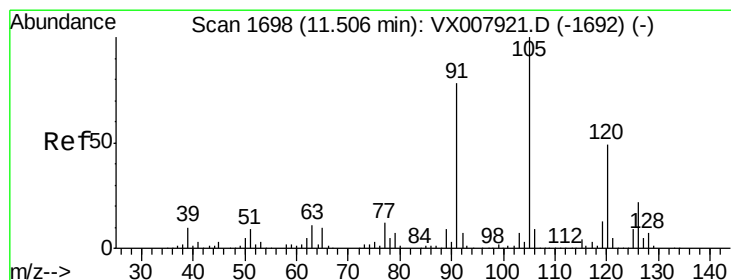
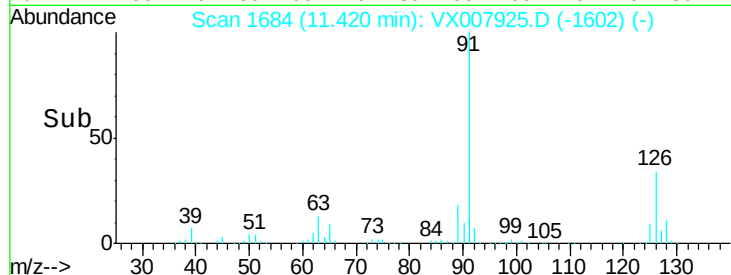
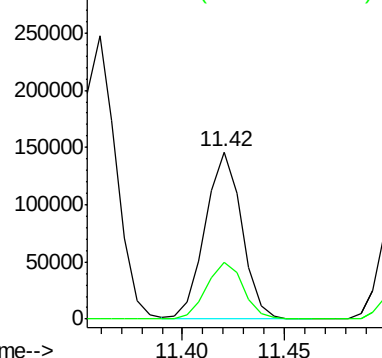
91 100

126 34.8 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.171 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007925.D

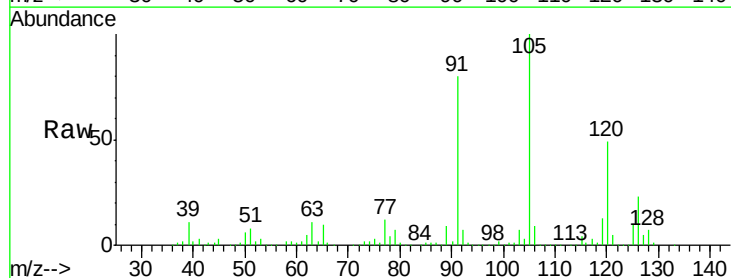
Acq: 08 Mar 2019 12:06

Tgt Ion: 105 Resp: 221502

Ion Ratio Lower Upper

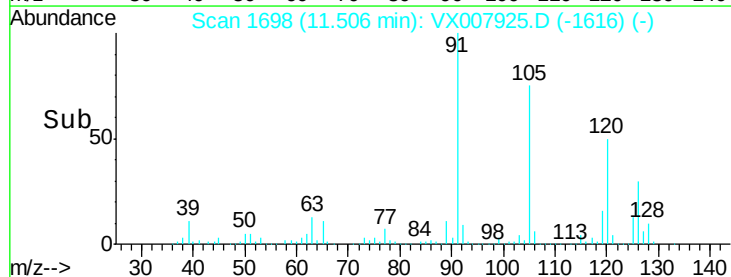
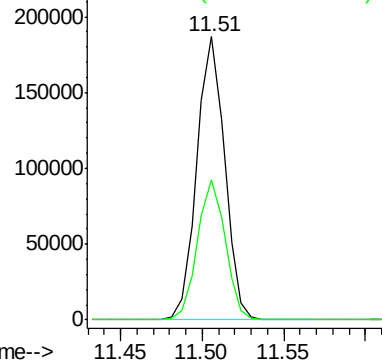
105 100

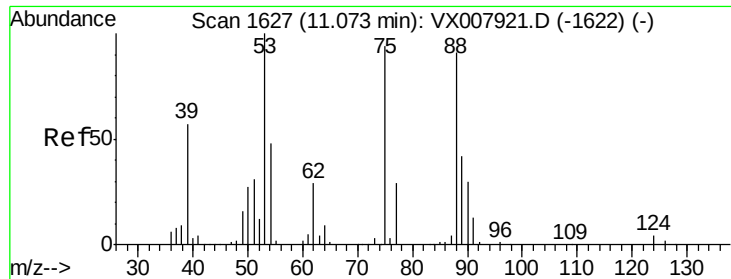
120 49.8 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.815 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVX030819

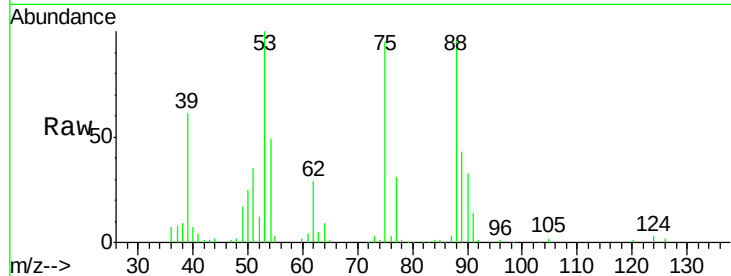
Tot Ion: 75 Resp: 23889

Ion Ratio Lower Upper

75 100

53 105.4 55.5 166.7

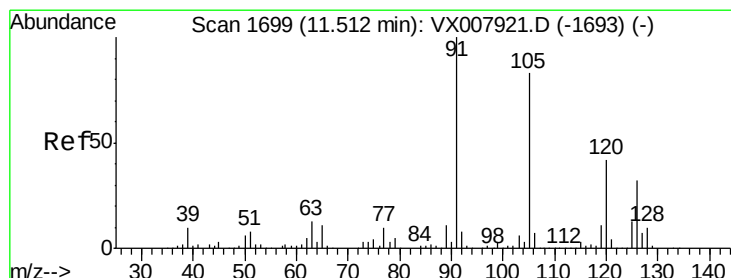
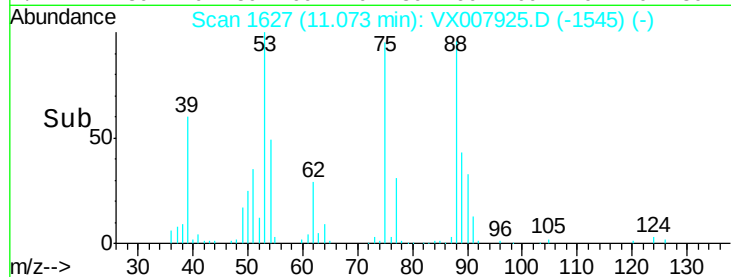
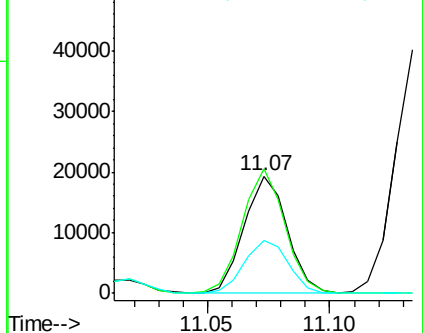
89 45.1 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.885 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007925.D

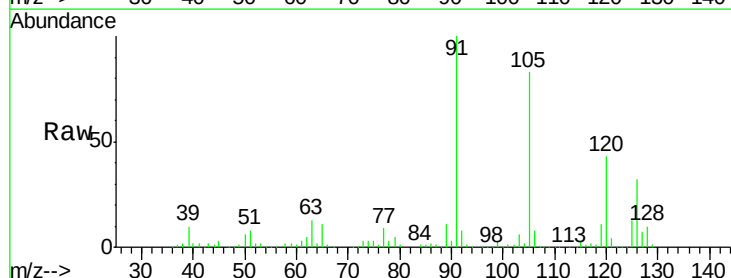
Acq: 08 Mar 2019 12:06

Tgt Ion: 91 Resp: 201257

Ion Ratio Lower Upper

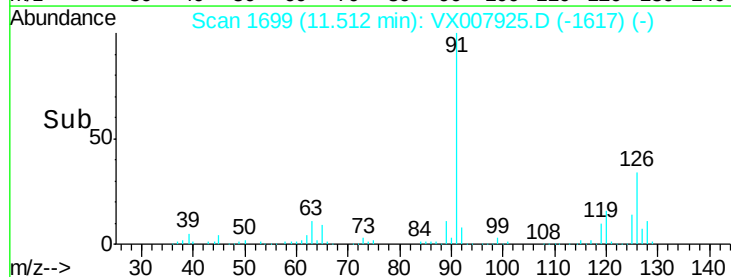
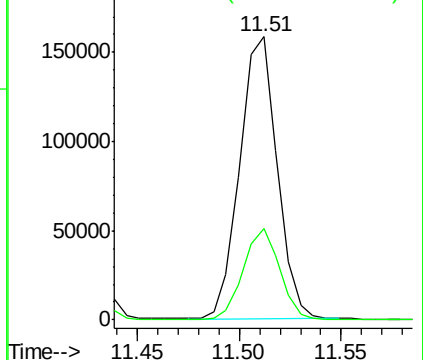
91 100

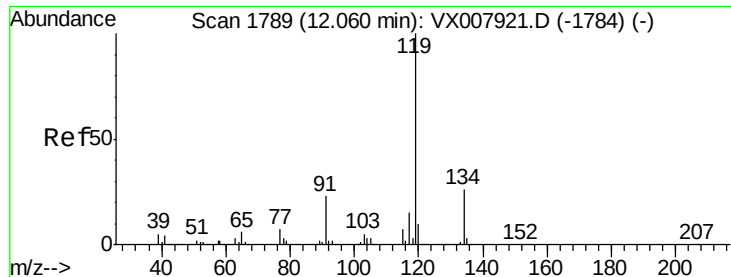
126 31.4 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.054 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVX030819

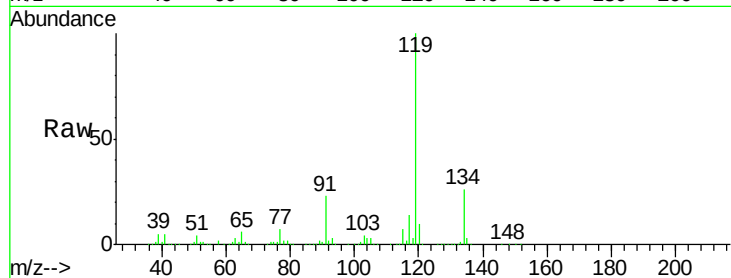
Tot Ion:119 Resp: 236256

Ion Ratio Lower Upper

119 100

91 22.2 0.0 45.0

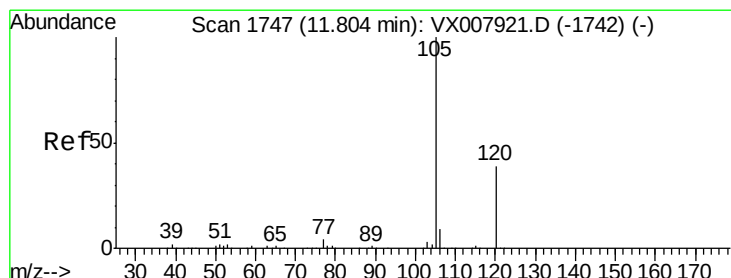
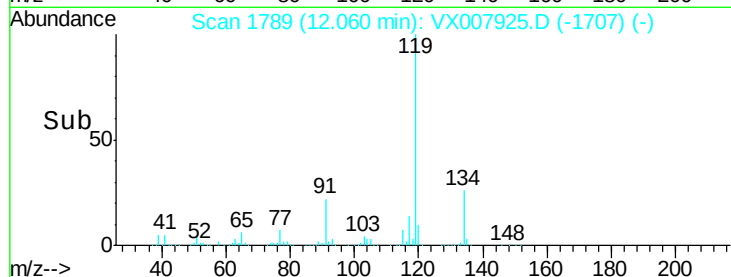
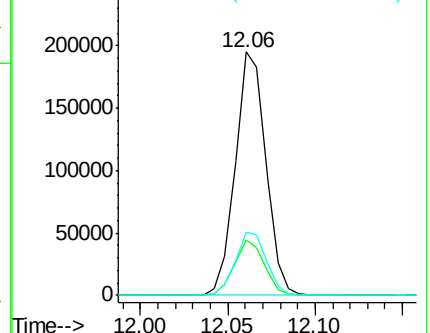
134 26.5 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.196 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007925.D

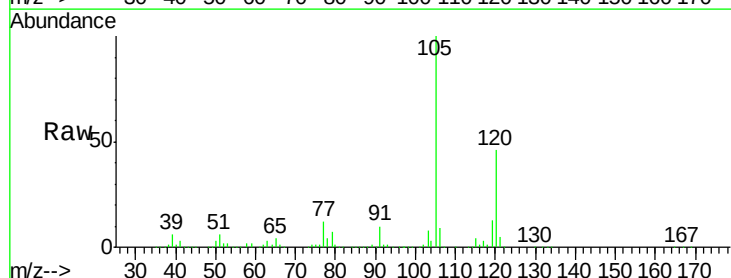
Acq: 08 Mar 2019 12:06

Tgt Ion:105 Resp: 225106

Ion Ratio Lower Upper

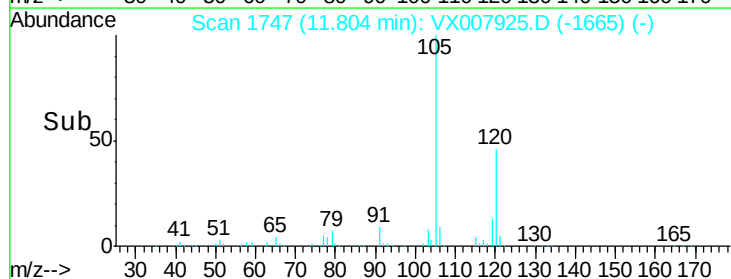
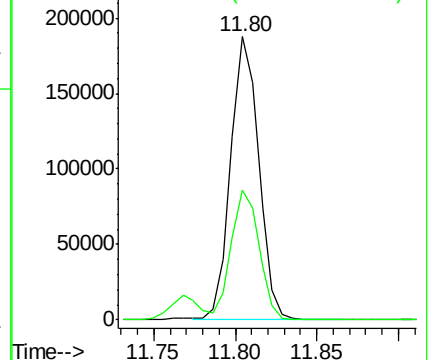
105 100

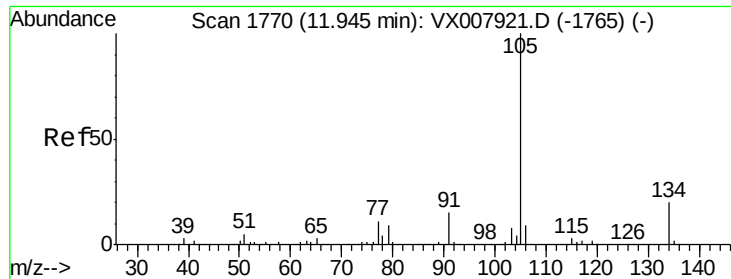
120 45.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.050 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

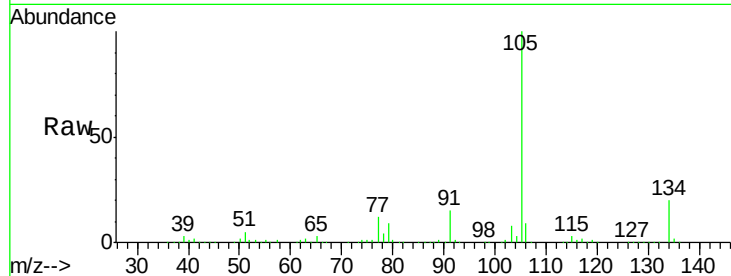
ICVX030819

Tot Ion:105 Resp: 264562

Ion Ratio Lower Upper

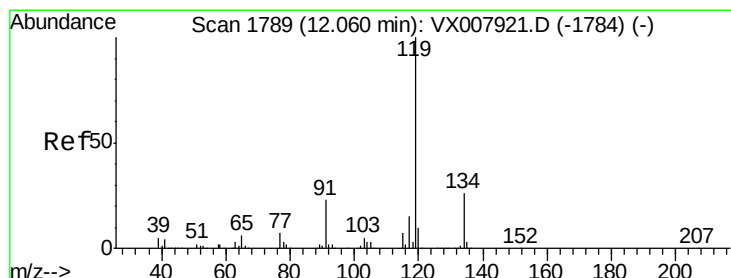
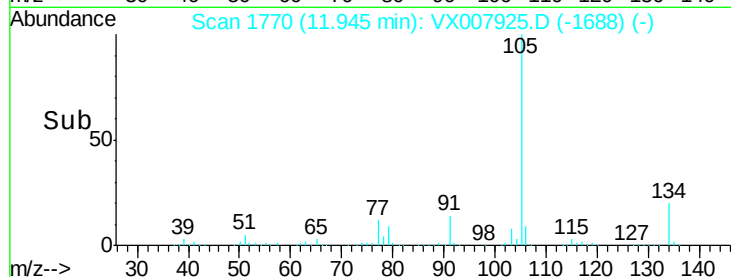
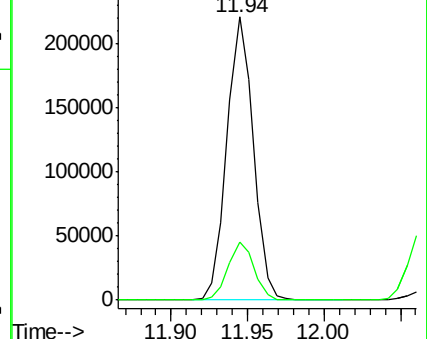
105 100

134 20.3 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.054 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

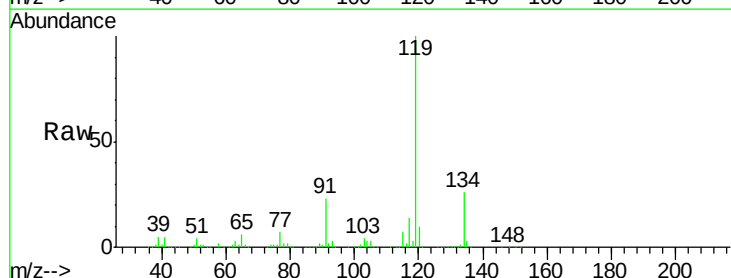
Tgt Ion:119 Resp: 236256

Ion Ratio Lower Upper

119 100

134 26.5 0.0 55.4

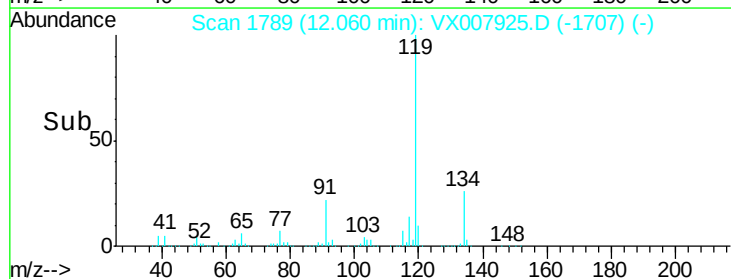
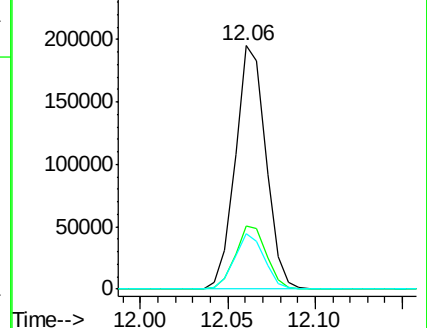
91 22.2 0.0 45.0

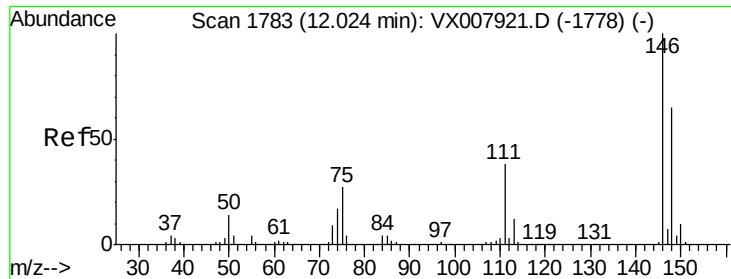


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.104 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

ICVVX030819

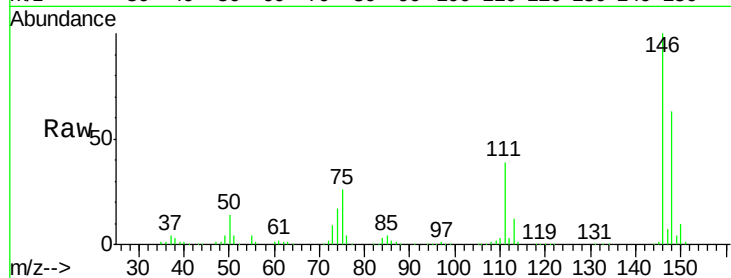
Tot Ion:146 Resp: 126062

Ion Ratio Lower Upper

146 100

111 38.2 18.8 56.3

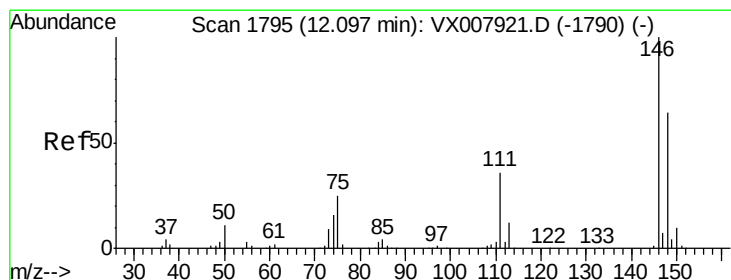
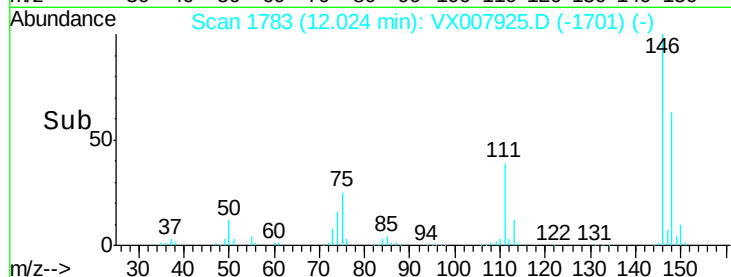
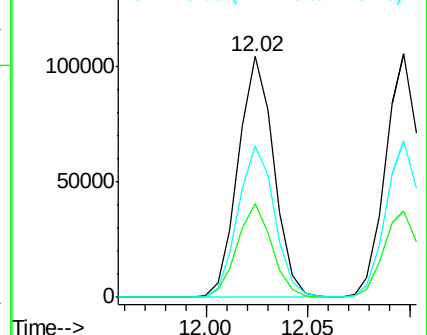
148 64.2 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.883 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

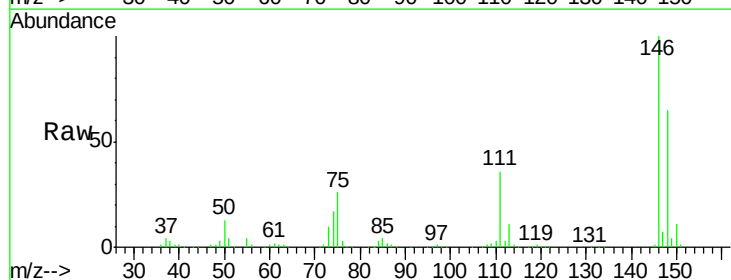
Tgt Ion:146 Resp: 124672

Ion Ratio Lower Upper

146 100

111 36.7 17.6 52.8

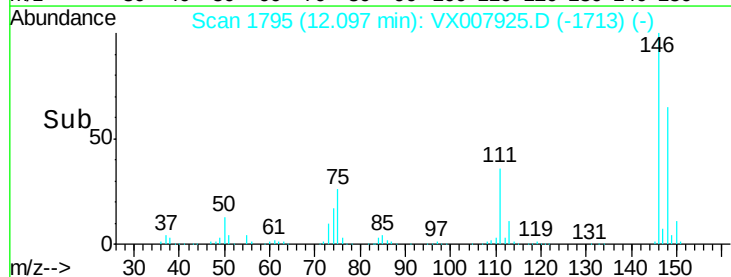
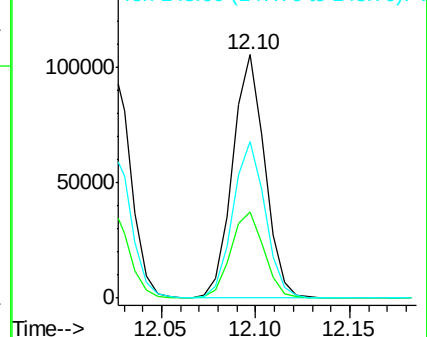
148 64.6 31.4 94.2

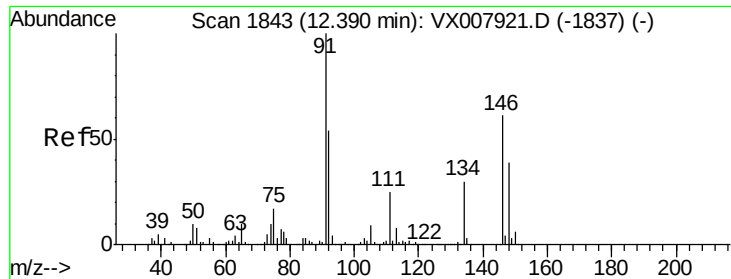


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.663 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

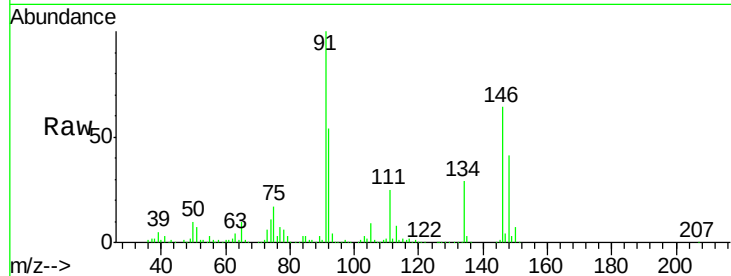
Tot Ion: 91 Resp: 197896

Ion Ratio Lower Upper

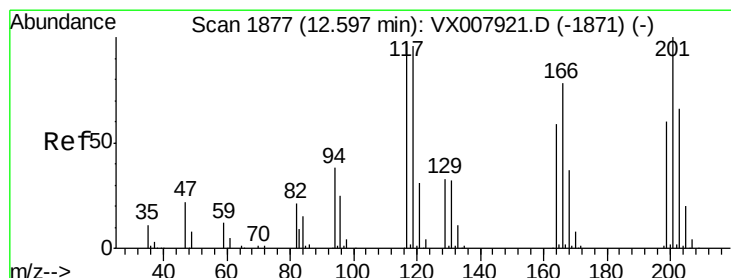
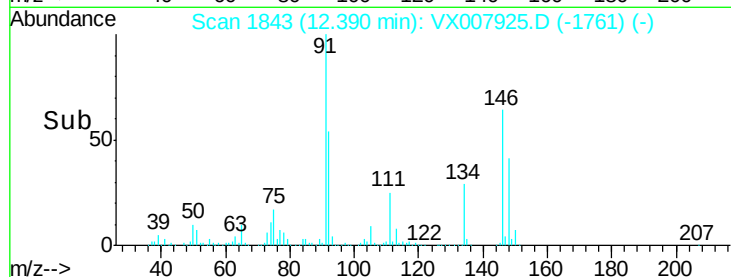
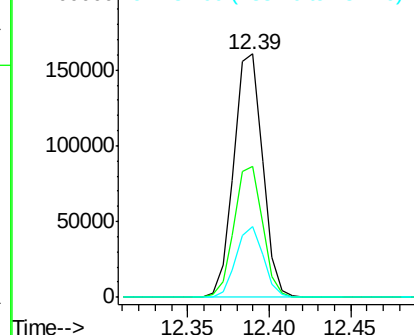
91 100

92 53.5 0.0 105.2

134 27.4 0.0 56.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 18.280 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007925.D

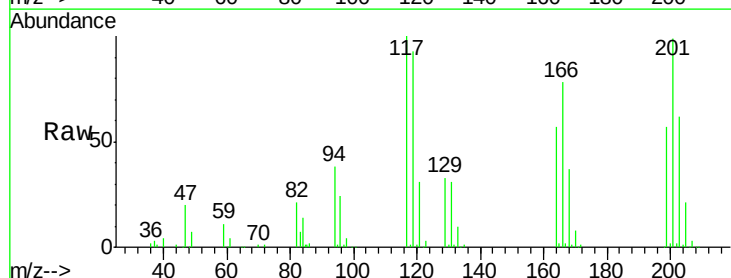
Acq: 08 Mar 2019 12:06

Tgt Ion: 117 Resp: 36930

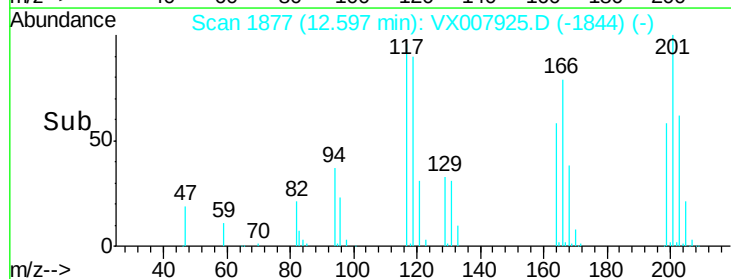
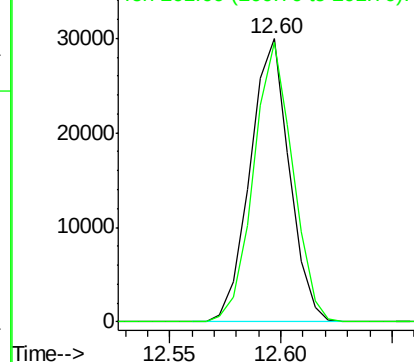
Ion Ratio Lower Upper

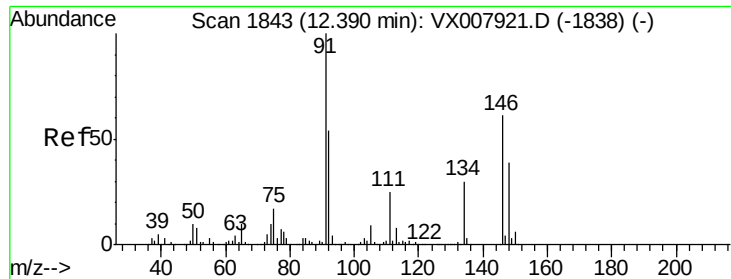
117 100

201 98.2 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

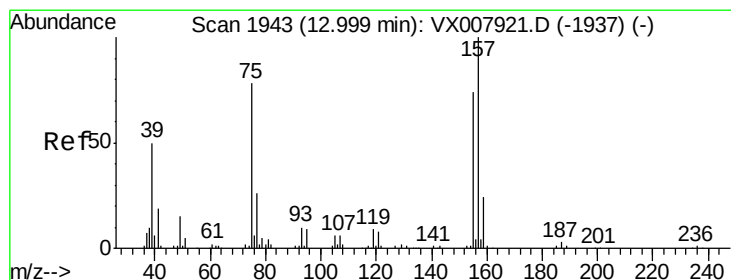
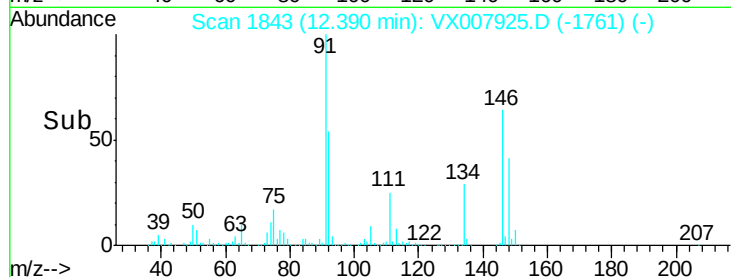
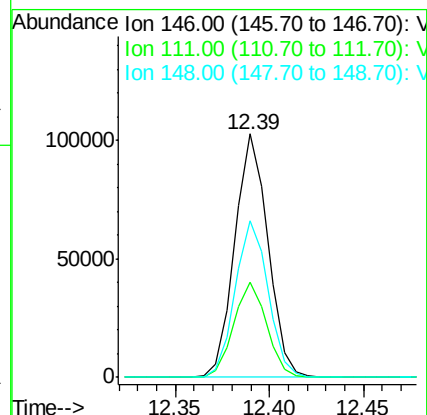
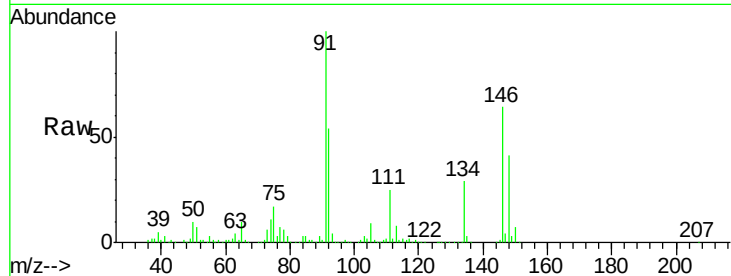




#87
 1,2-Dichlorobenzene
 Concen: 19.242 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

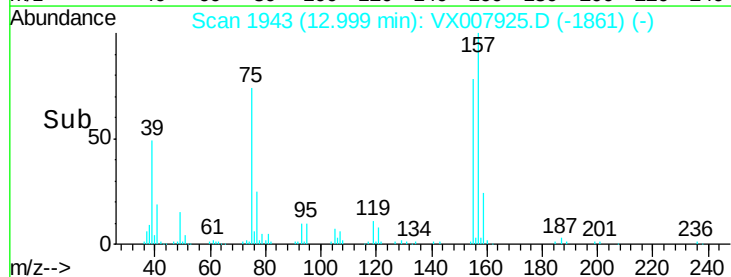
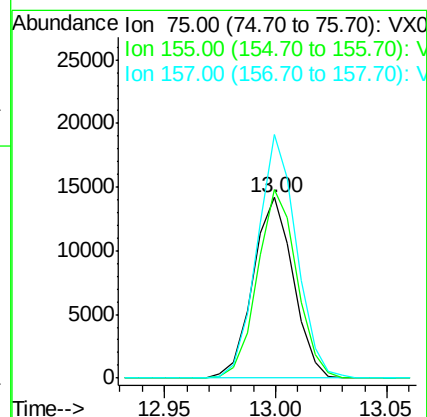
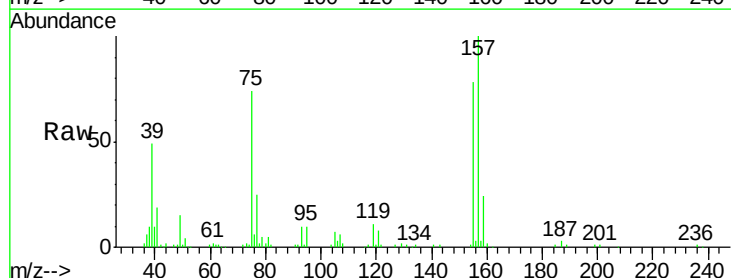
Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX030819

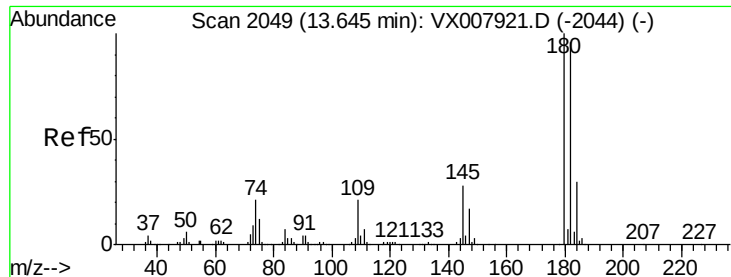
Tot Ion:146 Resp: 125486
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.8
 148 63.9 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.063 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion: 75 Resp: 17929
 Ion Ratio Lower Upper
 75 100
 155 101.8 81.0 121.6
 157 130.5 103.2 154.8

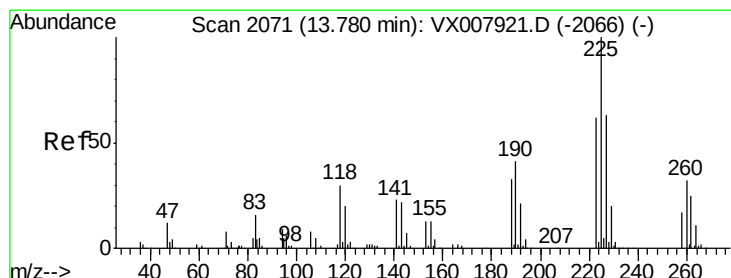
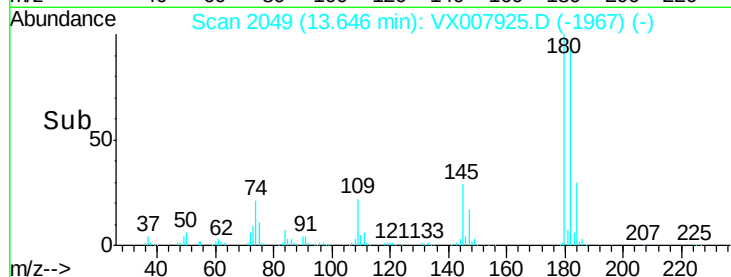
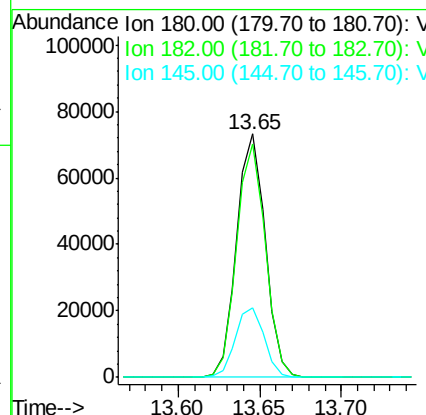
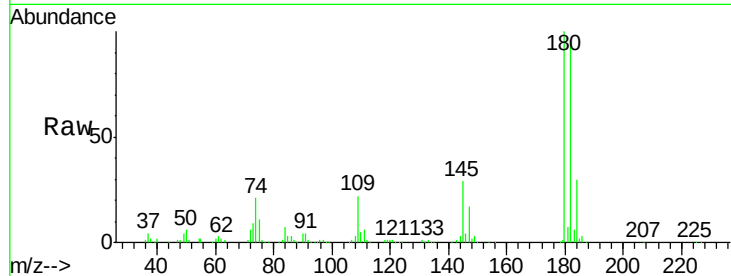




#89
 1,2,4-Trichlorobenzene
 Concen: 19.156 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

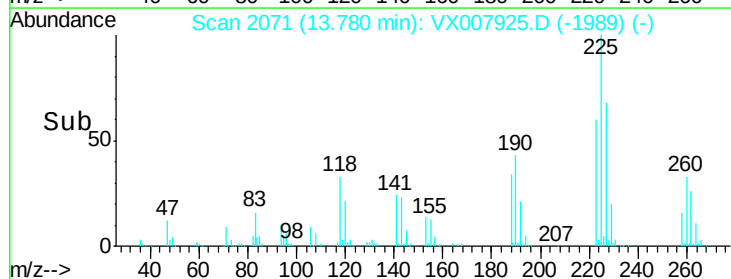
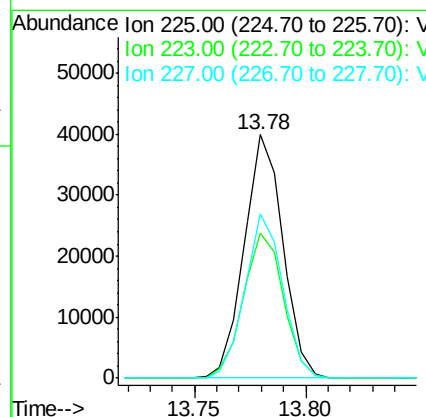
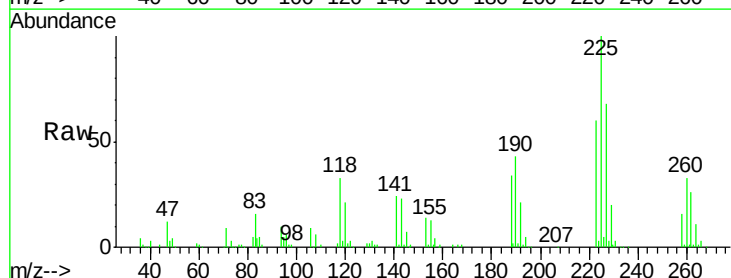
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

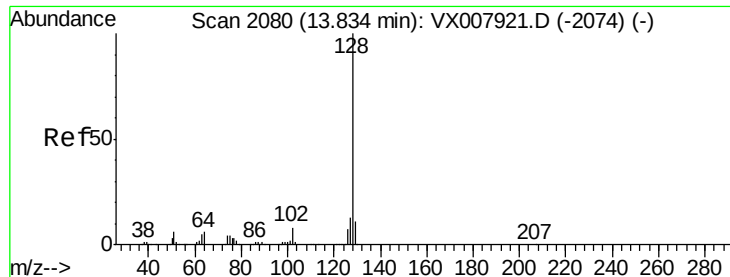
Tot Ion:180 Resp: 89782
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.6 113.4
 145 28.8 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 18.692 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion:225 Resp: 48318
 Ion Ratio Lower Upper
 225 100
 223 62.1 0.0 123.8
 227 66.3 0.0 124.4

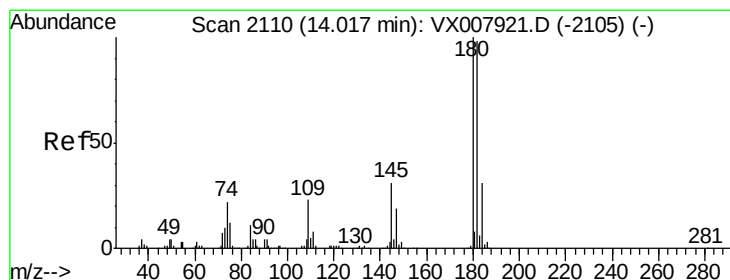
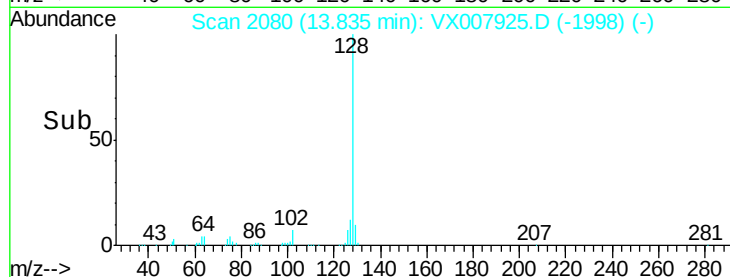
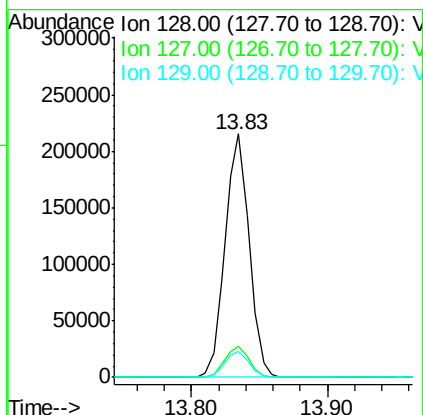
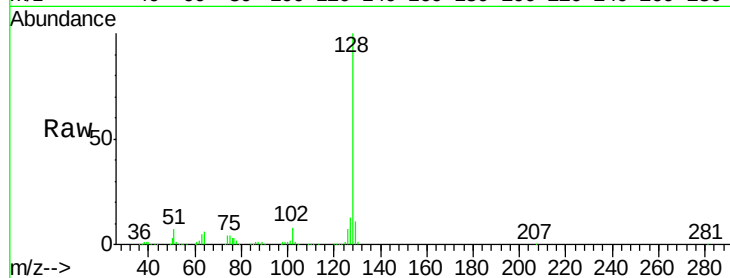




#91
Naphthalene
Concen: 19.677 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion:128 Resp: 264365
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.388 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion:180 Resp: 90323
Ion Ratio Lower Upper
180 100
182 94.7 0.0 193.0
145 29.9 0.0 63.0

