

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008352.D
 Acq On : 23 Mar 2019 15:31
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Quant Time: Mar 25 07:53:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154543	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.50	113	114191	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.71	98	462541	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	170378	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114318	46.450	ug/l	98
3) Chloromethane	1.32	50	164665	45.134	ug/l	98
4) Vinyl Chloride	1.40	62	162566	45.653	ug/l	99
5) Bromomethane	1.64	94	104336	46.530	ug/l	99
6) Chloroethane	1.71	64	92264	44.241	ug/l	98
7) Trichlorofluoromethane	1.92	101	184120	45.468	ug/l	99
8) Diethyl Ether	2.18	74	85997	44.353	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112645	46.958	ug/l	89
10) Methyl Iodide	2.51	142	147323	48.408	ug/l	98
11) Tert butyl alcohol	3.05	59	169297	229.222	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114763	46.347	ug/l	91
13) Acrolein	2.29	56	139590	221.176	ug/l	99
14) Allyl chloride	2.73	41	252672	46.126	ug/l	95
15) Acrylonitrile	3.14	53	428056	226.322	ug/l	99
16) Acetone	2.45	43	365590	220.581	ug/l	98
17) Carbon Disulfide	2.57	76	358648	45.296	ug/l	100
18) Methyl Acetate	2.77	43	183449	44.220	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	414472	46.474	ug/l	99
20) Methylene Chloride	2.85	84	133016	44.581	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	122337	45.627	ug/l	90
22) Diisopropyl ether	3.85	45	495943	46.499	ug/l #	87
23) Vinyl Acetate	3.81	43	2230962	236.909	ug/l	97
24) 1,1-Dichloroethane	3.70	63	251237	46.201	ug/l	99
25) 2-Butanone	4.67	43	617146	226.137	ug/l	97
26) 2,2-Dichloropropane	4.58	77	165491	47.236	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	140469	45.741	ug/l	90
28) Bromochloromethane	5.01	49	128892	47.480	ug/l #	79
29) Tetrahydrofuran	5.13	42	409130	225.779	ug/l	95
30) Chloroform	5.21	83	225732	46.041	ug/l	100
31) Cyclohexane	5.58	56	244409	46.871	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	182761	47.117	ug/l	96
36) 1,1-Dichloropropene	5.80	75	183370	48.809	ug/l	96
37) Ethyl Acetate	4.83	43	236321	46.478	ug/l	98
38) Carbon Tetrachloride	5.78	117	153136	47.551	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227125	49.322	ug/l	92
40) Benzene	6.14	78	537418	46.972	ug/l	99
41) Methacrylonitrile	5.04	41	134771	48.629	ug/l	96
42) 1,2-Dichloroethane	6.19	62	190729	45.936	ug/l	96
43) Isopropyl Acetate	6.45	43	379959	47.990	ug/l	97
44) Trichloroethene	7.21	130	124072	46.697	ug/l	88
45) 1,2-Dichloropropane	7.51	63	153278	47.322	ug/l	100
46) Dibromomethane	7.66	93	88154	45.861	ug/l #	85
47) Bromodichloromethane	7.90	83	175091	47.755	ug/l	99
48) Methyl methacrylate	7.77	41	191520	47.938	ug/l	94
49) 1,4-Dioxane	7.74	88	73579	912.817	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1224262	235.670	ug/l	97
52) Toluene	8.78	92	323399	48.205	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200298	50.811	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222820	49.855	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	130161	46.708	ug/l	96
56) Ethyl methacrylate	9.18	69	242513	49.157	ug/l	91
57) 1,3-Dichloropropane	9.37	76	232439	46.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	659676	247.999	ug/l	92
59) 2-Hexanone	9.49	43	954286	239.299	ug/l	96
60) Dibromochloromethane	9.58	129	128695	49.754	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135641	47.960	ug/l	99
64) Tetrachloroethene	9.34	164	103389	48.424	ug/l	96
65) Chlorobenzene	10.13	112	327997	47.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	116525	49.072	ug/l	97
67) Ethyl Benzene	10.25	91	628070	48.986	ug/l	97
68) m/p-Xylenes	10.36	106	455137	98.799	ug/l	93
69) o-Xylene	10.69	106	219368	48.699	ug/l	94
70) Styrene	10.71	104	388422	49.721	ug/l	97
71) Bromoform	10.85	173	91912	50.247	ug/l #	100
73) Isopropylbenzene	11.02	105	584575	46.579	ug/l	98
74) N-amyl acetate	10.90	43	352957	48.035	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	222698	44.548	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	257825	61.939	ug/l	90
77) Bromobenzene	11.26	156	136801	46.068	ug/l	80
78) n-propylbenzene	11.36	91	706596	48.037	ug/l	95
79) 2-Chlorotoluene	11.42	91	413094	46.104	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	506881	47.478	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	72860	49.881	ug/l	95
82) 4-Chlorotoluene	11.51	91	486620	47.133	ug/l	94
83) tert-Butylbenzene	11.77	119	479933	47.207	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	510734	47.937	ug/l	97
85) sec-Butylbenzene	11.94	105	587931	48.252	ug/l	96
86) p-Isopropyltoluene	12.06	119	525314	48.913	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	252461	47.336	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	253063	46.633	ug/l	97
89) n-Butylbenzene	12.38	91	512761	50.011	ug/l	97
90) Hexachloroethane	12.60	117	85681	48.297	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	253788	46.984	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50452	47.353	ug/l	78

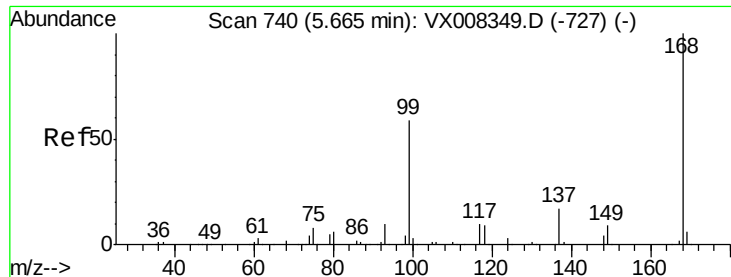
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032319\
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180356	49.514	ug/l	98
94) Hexachlorobutadiene	13.78	225	86748	50.394	ug/l	100
95) Naphthalene	13.83	128	619281	48.414	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	181274	49.319	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

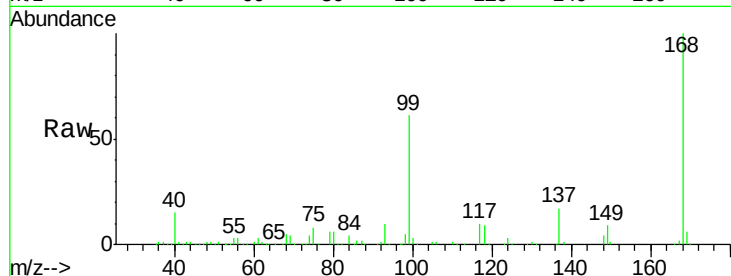
ICVVX032319

Tot Ion:168 Resp: 217404

Ion Ratio Lower Upper

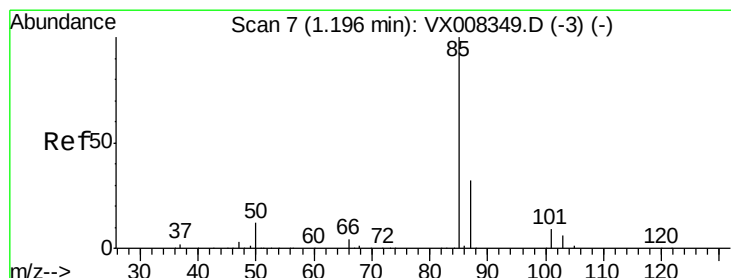
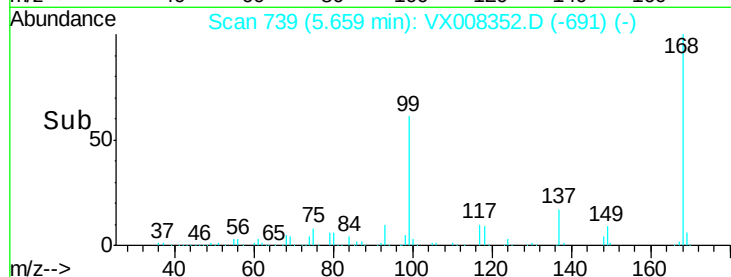
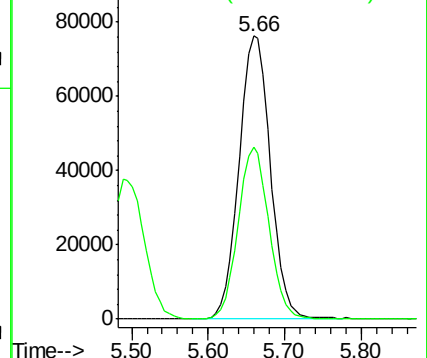
168 100

99 60.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.450 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008352.D

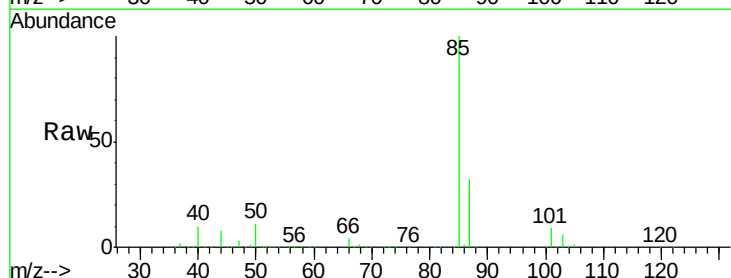
Acq: 23 Mar 2019 15:31

Tgt Ion: 85 Resp: 114318

Ion Ratio Lower Upper

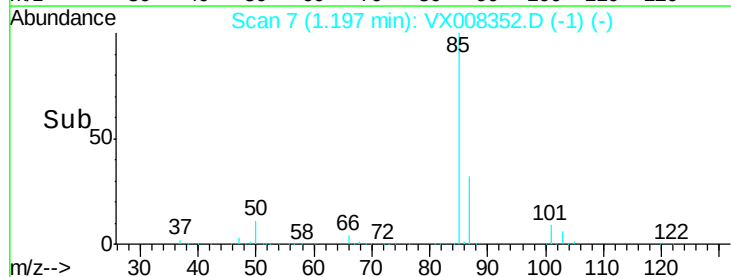
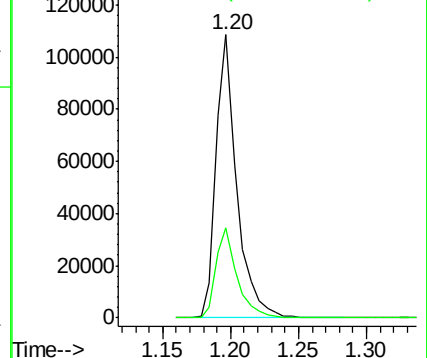
85 100

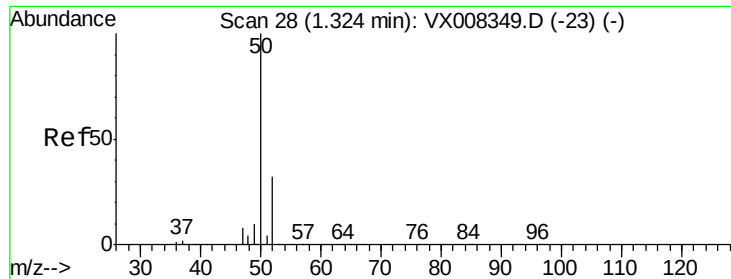
87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.134 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

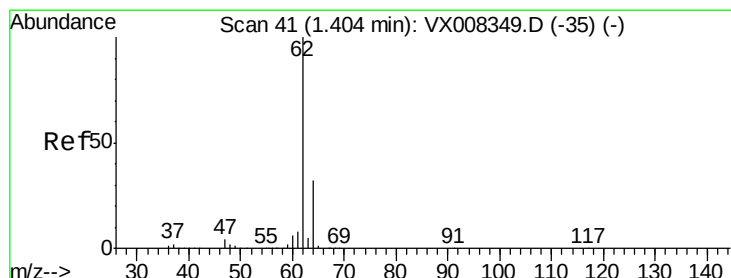
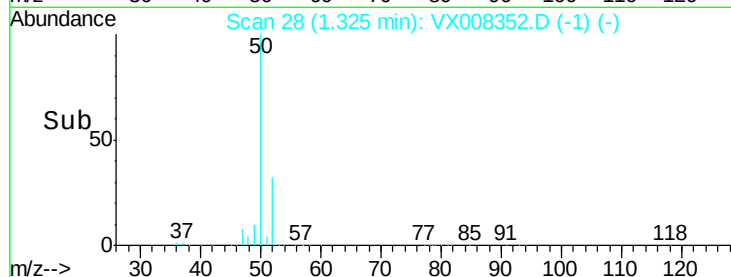
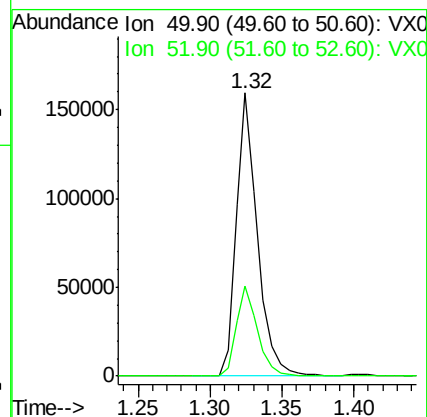
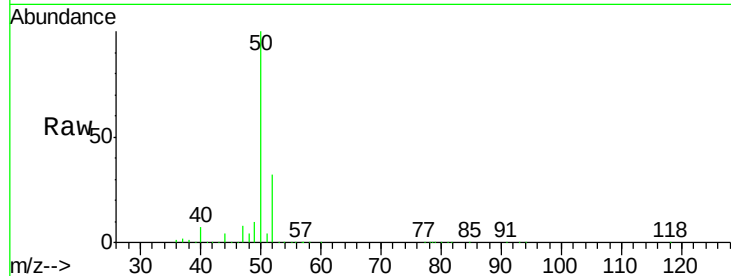
ICVVX032319

Tot Ion: 50 Resp: 164665

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 45.653 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008352.D

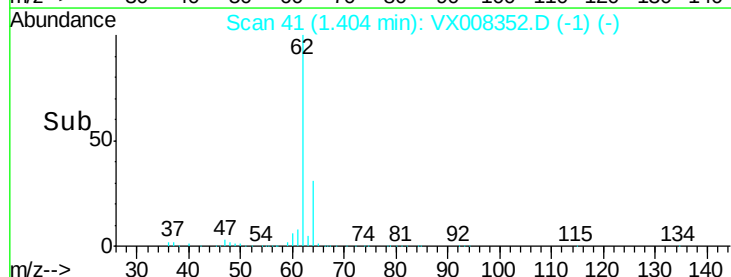
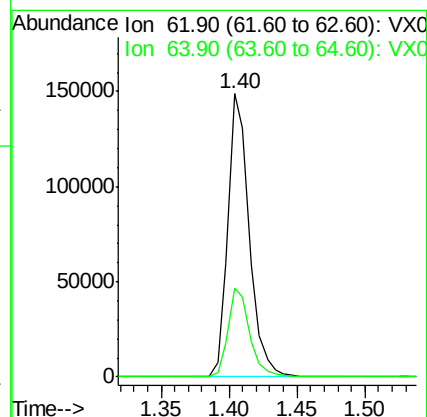
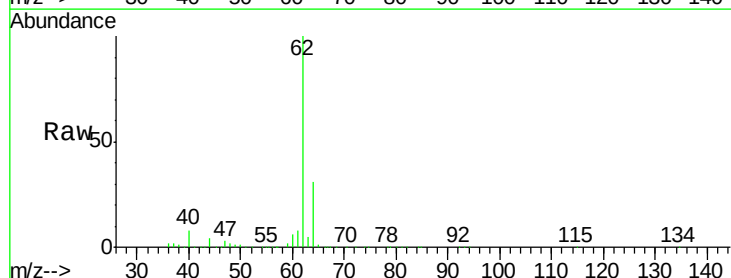
Acq: 23 Mar 2019 15:31

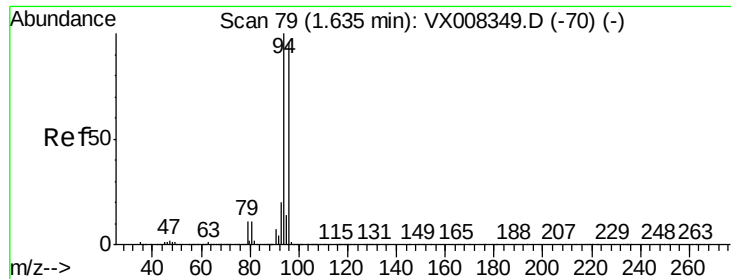
Tgt Ion: 62 Resp: 162566

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 46.530 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

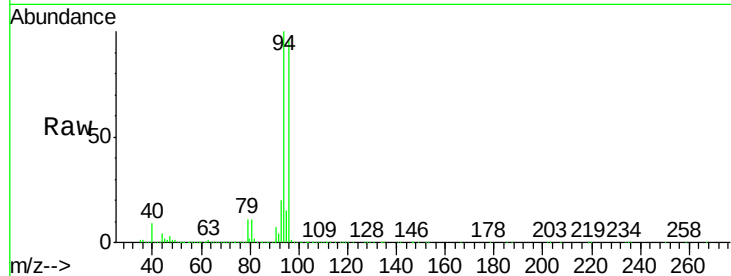
ICVVX032319

Tot Ion: 94 Resp: 104336

Ion Ratio Lower Upper

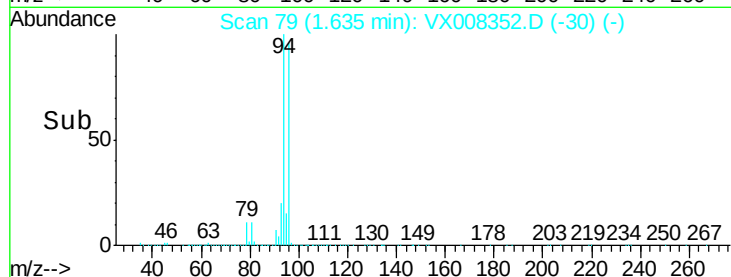
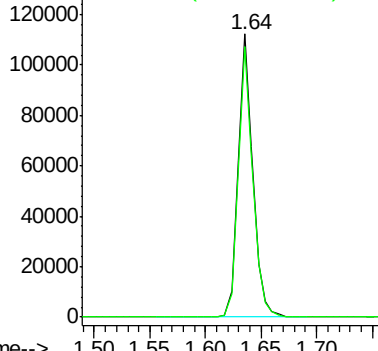
94 100

96 95.7 75.5 113.3

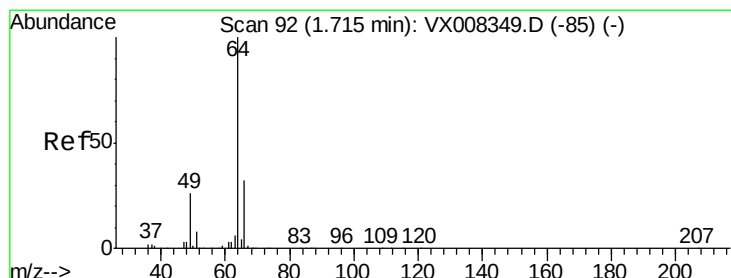


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 44.241 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008352.D

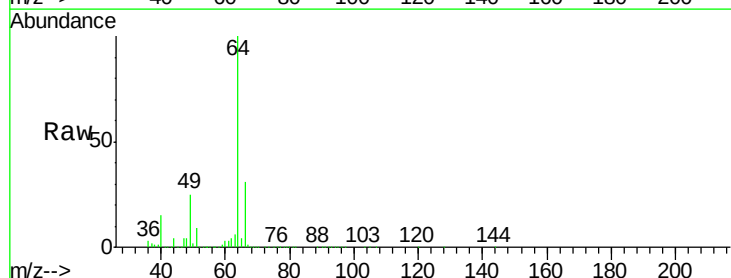
Acq: 23 Mar 2019 15:31

Tgt Ion: 64 Resp: 92264

Ion Ratio Lower Upper

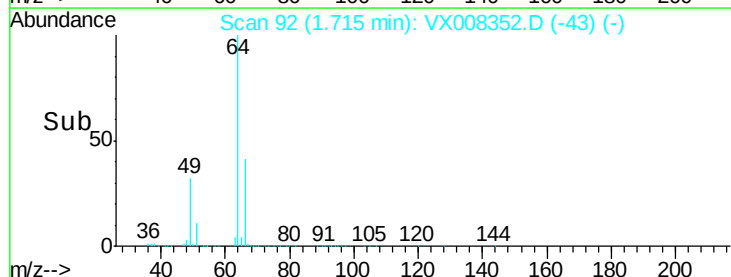
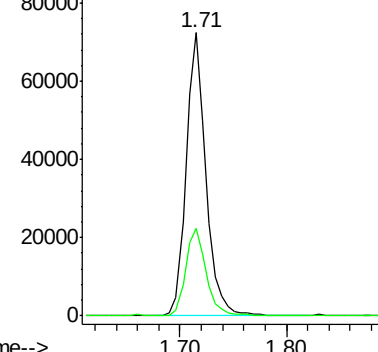
64 100

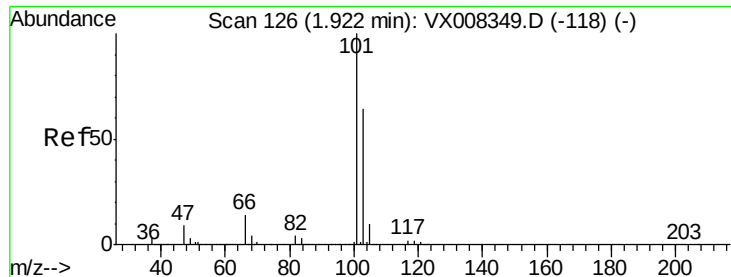
66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



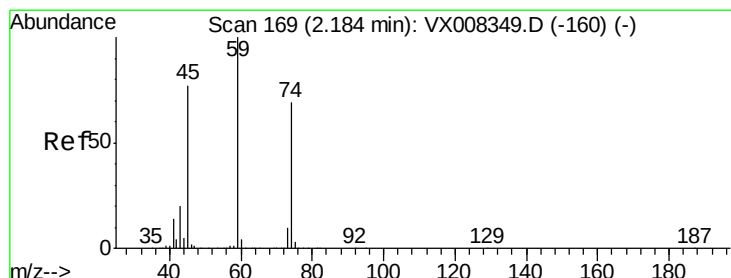
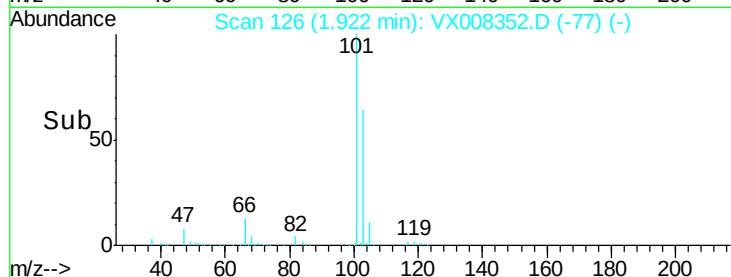
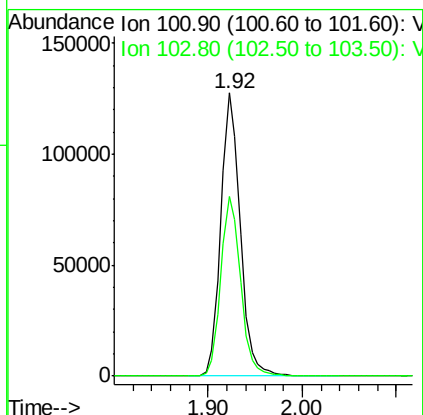
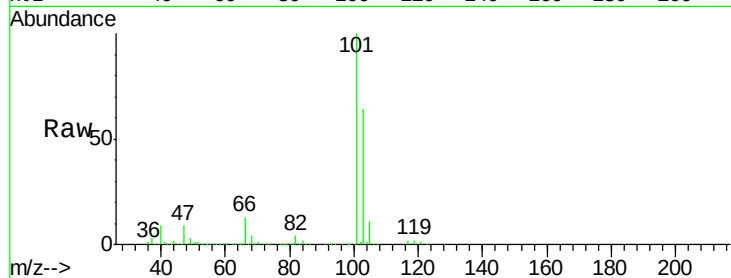


#7

Trichlorofluoromethane
Concen: 45.468 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
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ICVVX032319

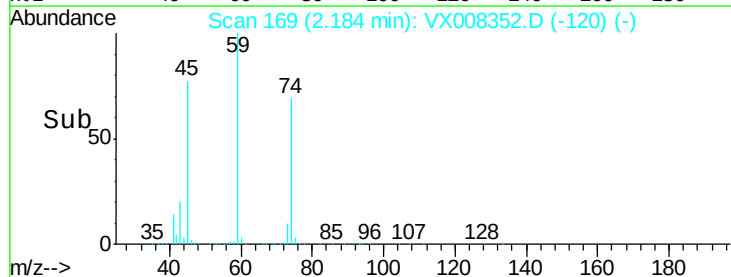
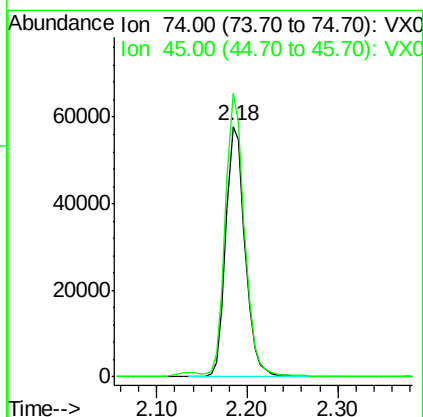
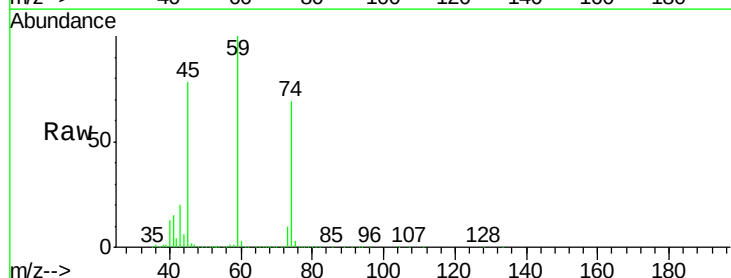
Tot Ion:101 Resp: 184120
Ion Ratio Lower Upper
101 100
103 63.6 50.4 75.6

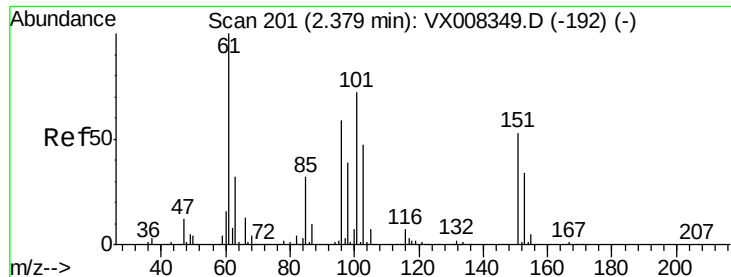


#8

Diethyl Ether
Concen: 44.353 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 74 Resp: 85997
Ion Ratio Lower Upper
74 100
45 112.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.958 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

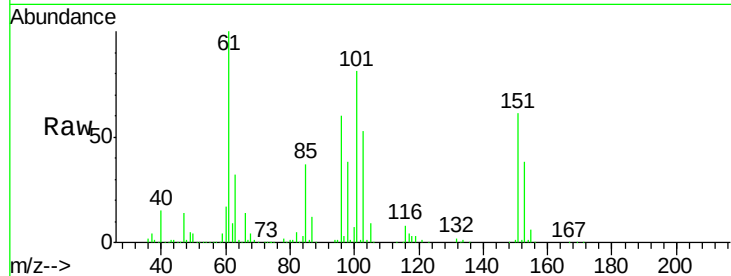
Tot Ion:101 Resp: 112645

Ion Ratio Lower Upper

101 100

85 44.6 33.8 50.6

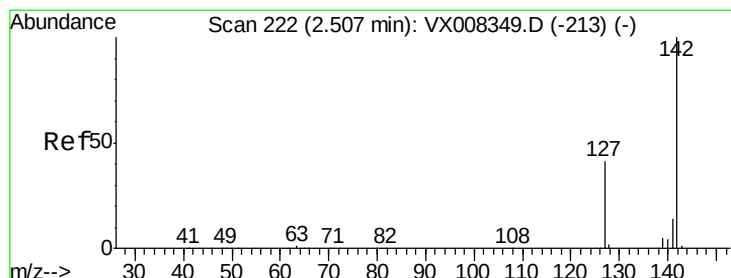
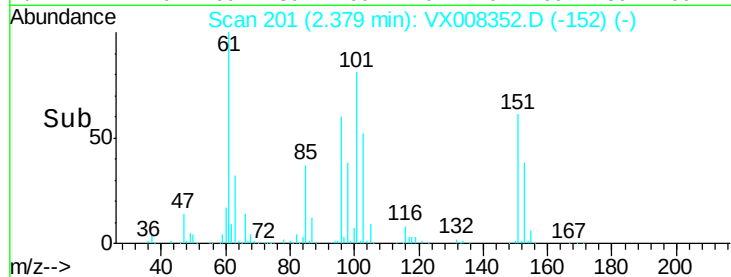
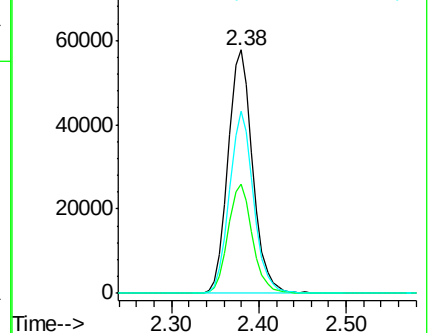
151 73.5 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.408 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

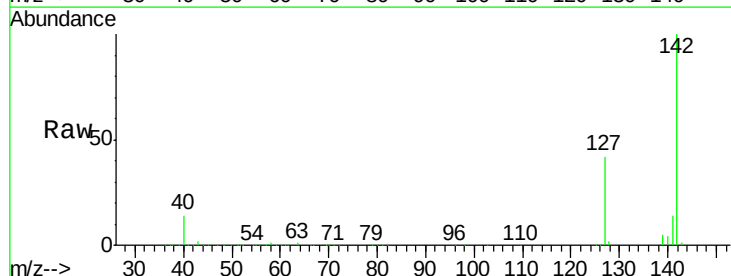
Tgt Ion:142 Resp: 147323

Ion Ratio Lower Upper

142 100

127 42.0 32.1 48.1

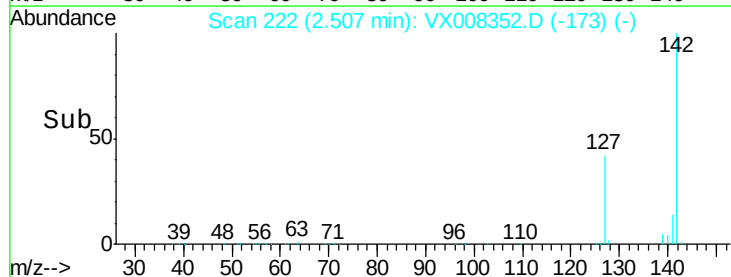
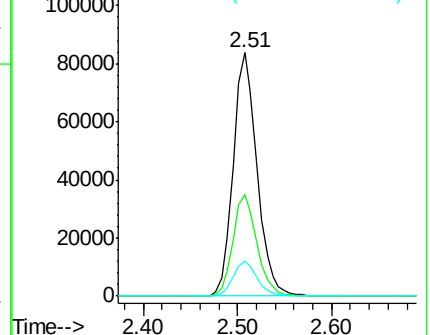
141 14.5 11.4 17.2

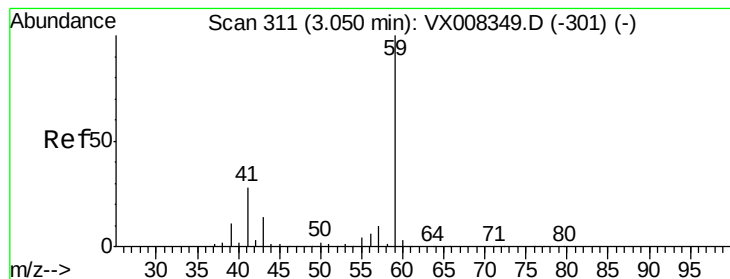


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



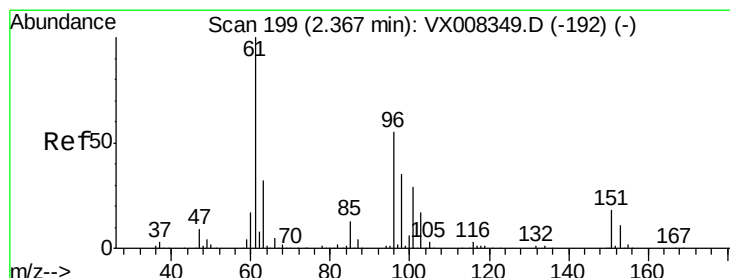
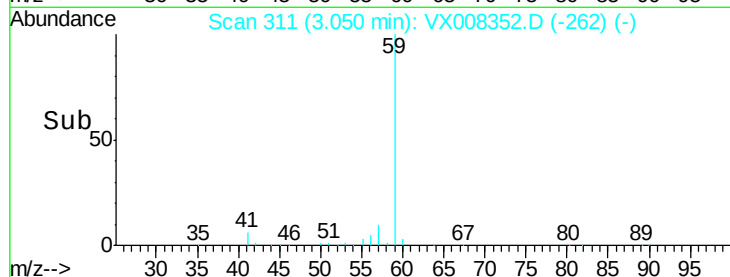
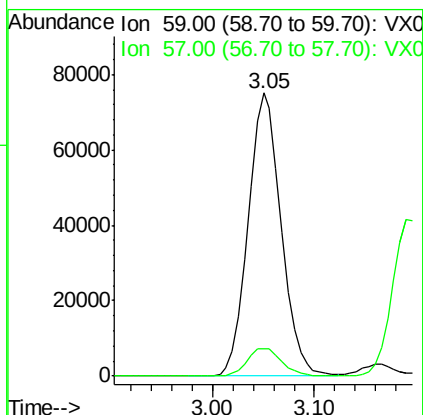
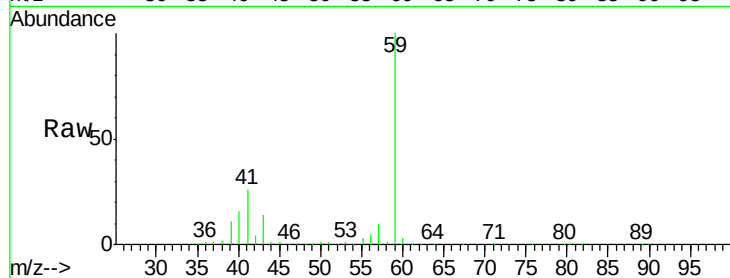


#11

Tert butyl alcohol
 Concen: 229.222 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

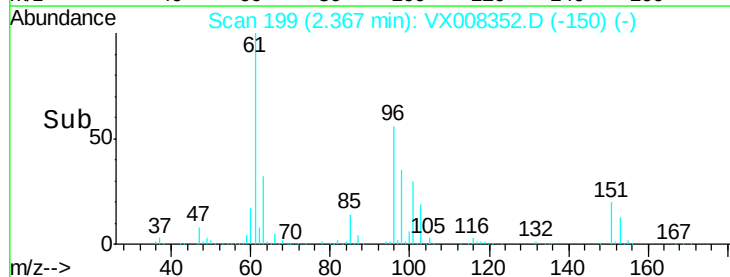
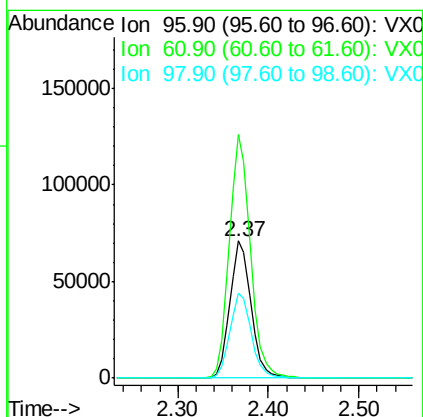
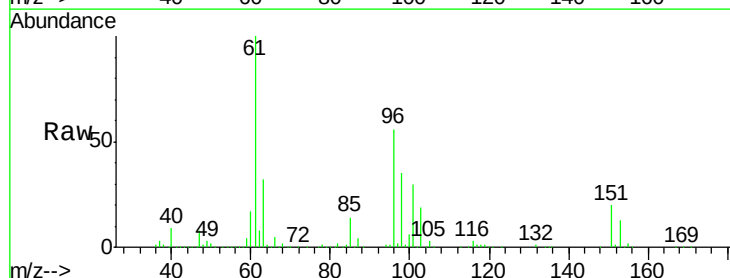
Tot Ion: 59 Resp: 169297
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

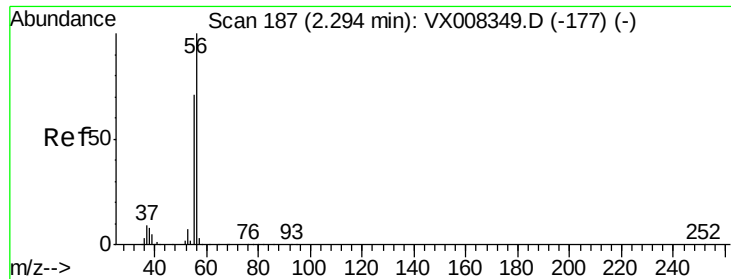


#12

1,1-Dichloroethene
 Concen: 46.347 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion: 96 Resp: 114763
 Ion Ratio Lower Upper
 96 100
 61 177.4 129.8 194.6
 98 62.1 51.0 76.6





#13

Acrolein

Concen: 221.176 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

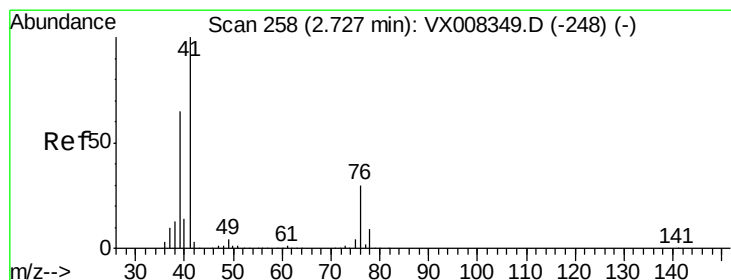
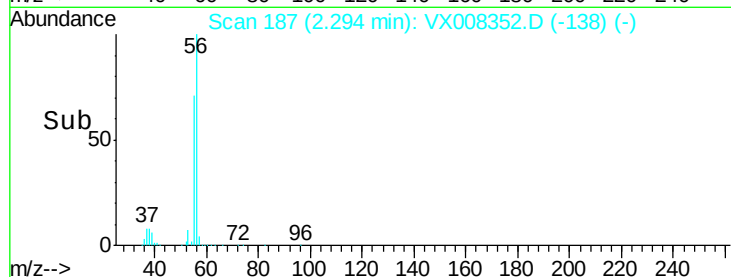
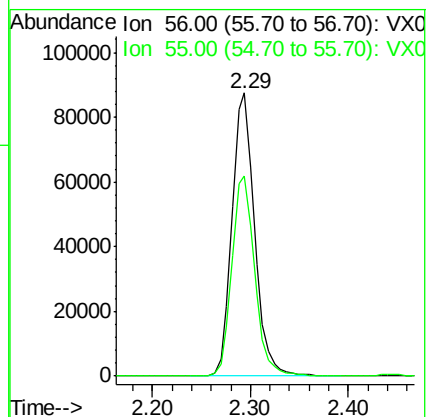
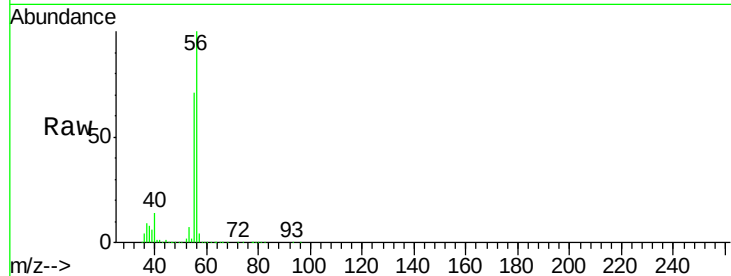
ICVVX032319

Tot Ion: 56 Resp: 139590

Ion Ratio Lower Upper

56 100

55 71.6 57.8 86.6



#14

Allyl chloride

Concen: 46.126 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

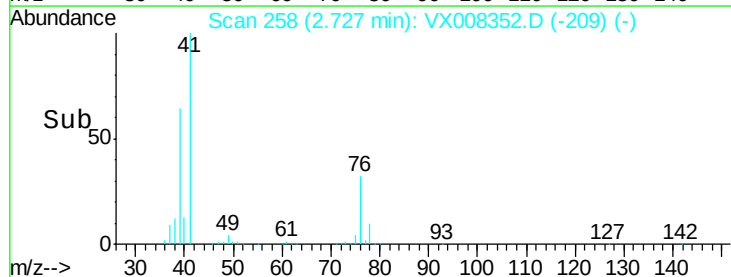
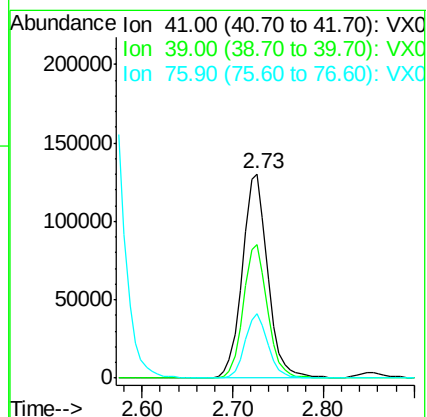
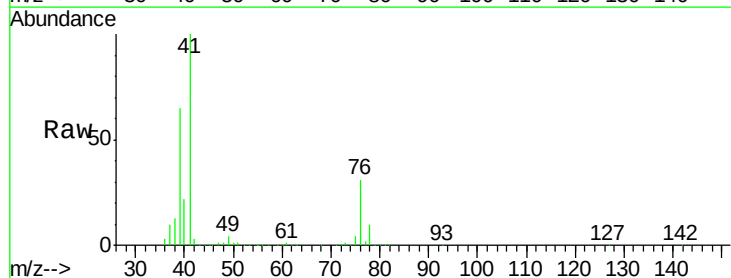
Tgt Ion: 41 Resp: 252672

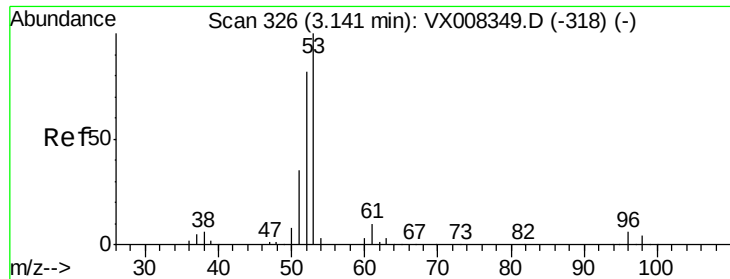
Ion Ratio Lower Upper

41 100

39 61.9 46.1 69.1

76 28.4 24.0 36.0





#15

Acrylonitrile

Concen: 226.322 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

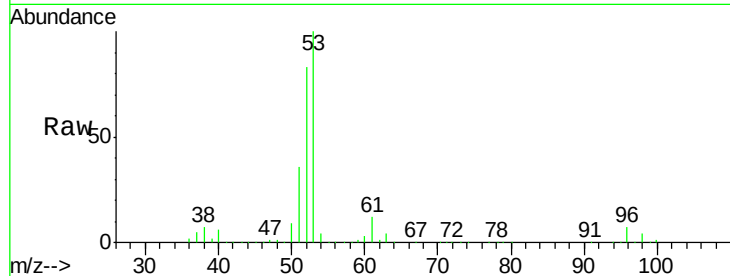
Tot Ion: 53 Resp: 428056

Ion Ratio Lower Upper

53 100

52 83.4 66.0 99.0

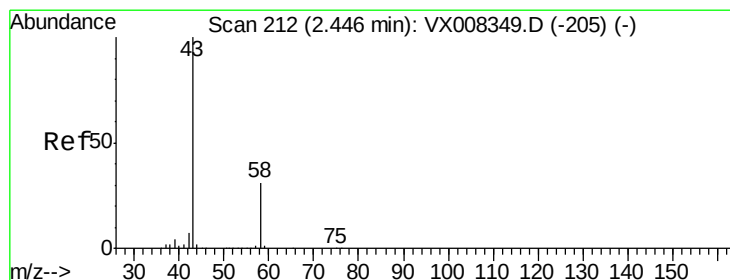
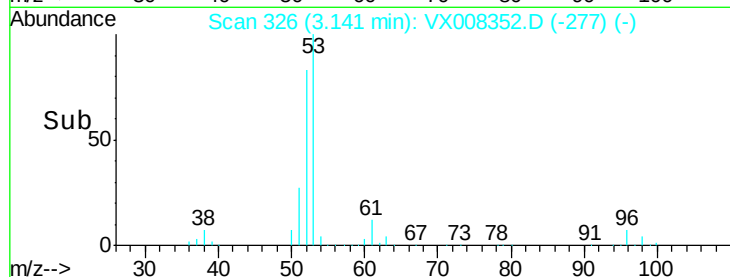
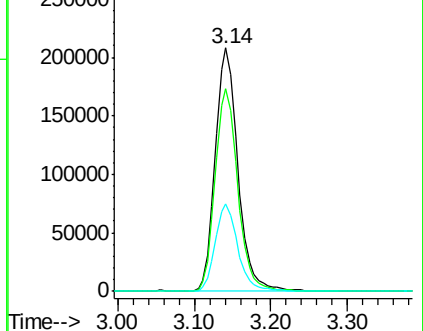
51 35.7 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 220.581 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008352.D

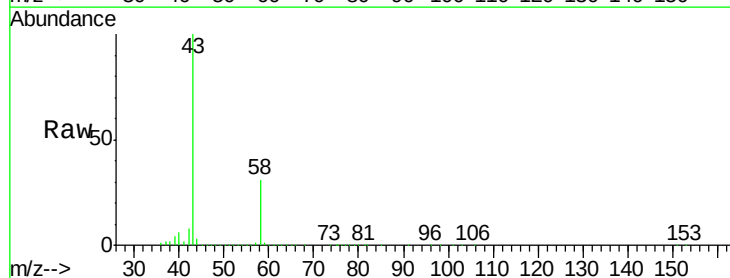
Acq: 23 Mar 2019 15:31

Tgt Ion: 43 Resp: 365590

Ion Ratio Lower Upper

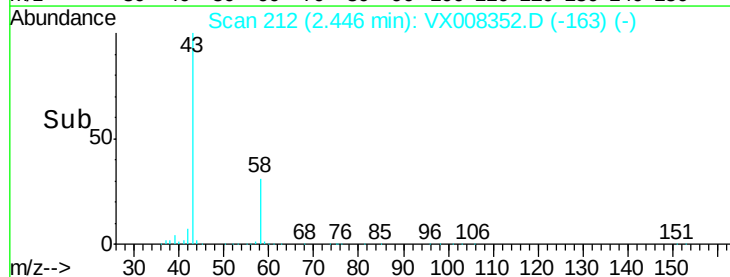
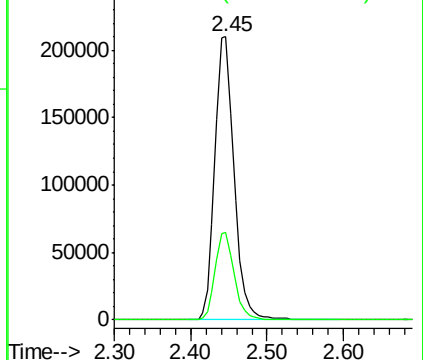
43 100

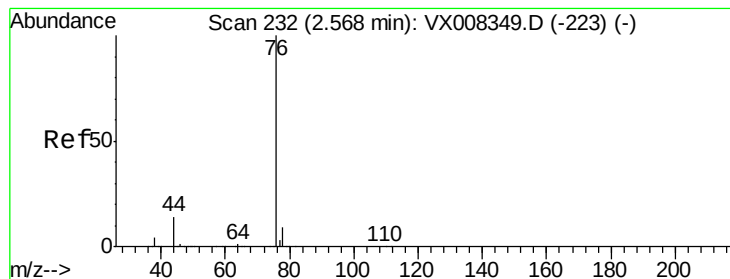
58 30.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.296 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

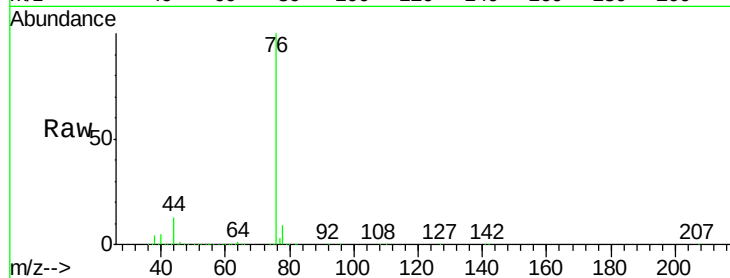
ICVVX032319

Tot Ion: 76 Resp: 358648

Ion Ratio Lower Upper

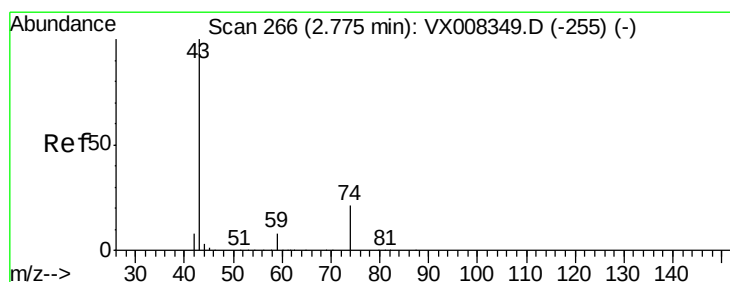
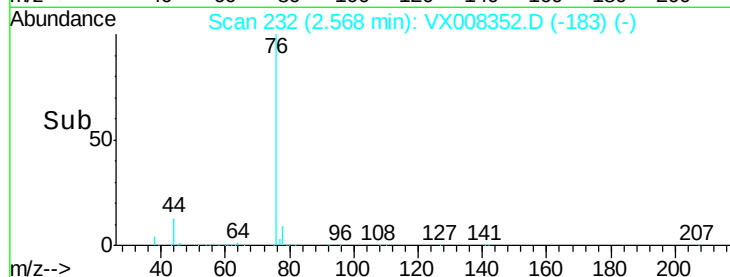
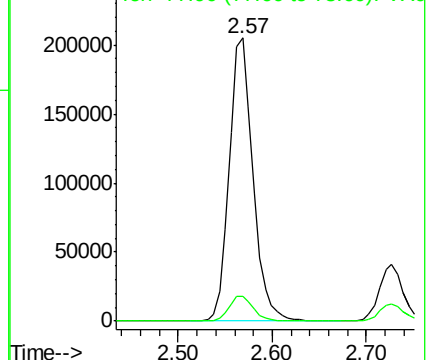
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.220 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008352.D

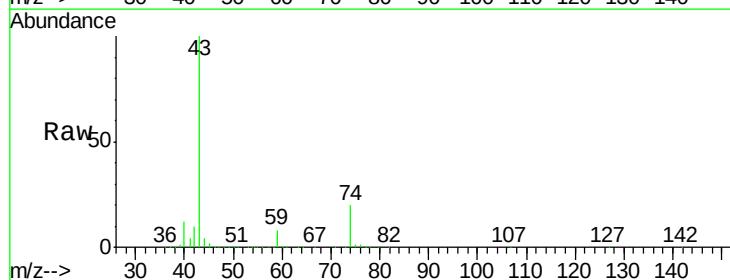
Acq: 23 Mar 2019 15:31

Tgt Ion: 43 Resp: 183449

Ion Ratio Lower Upper

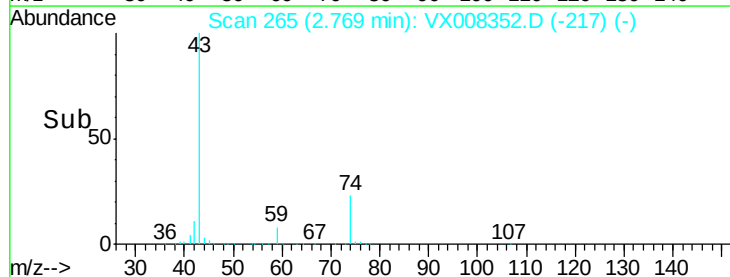
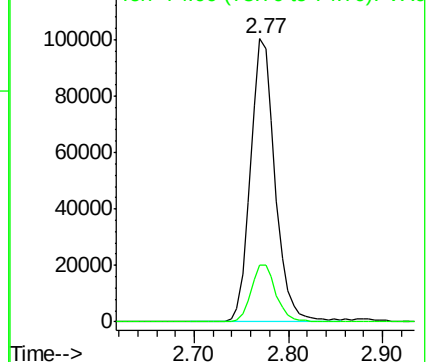
43 100

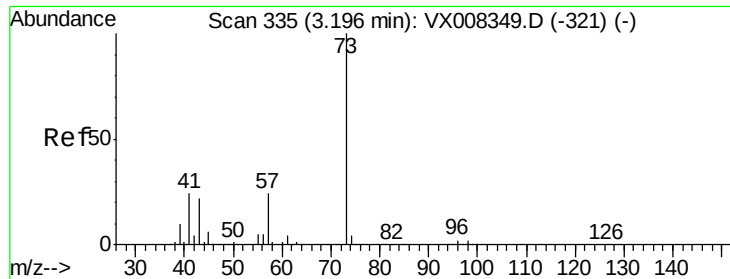
74 21.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

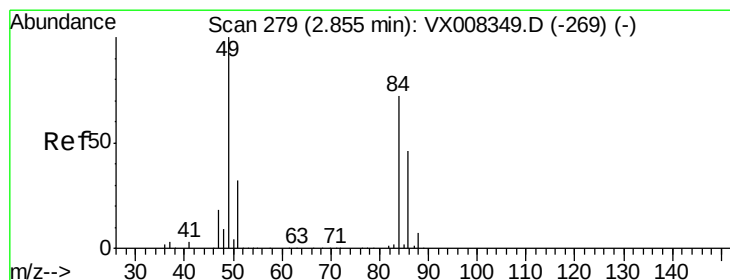
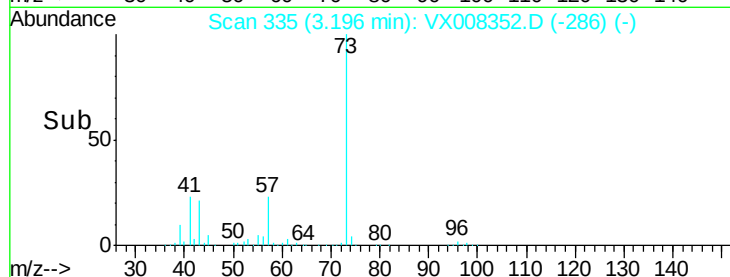
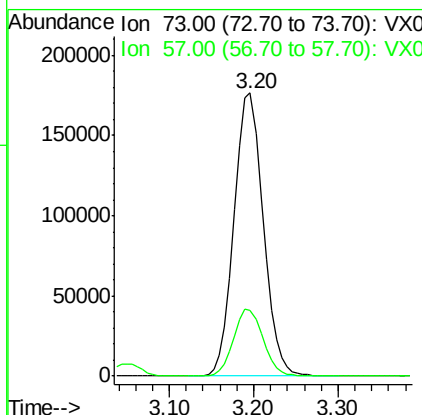
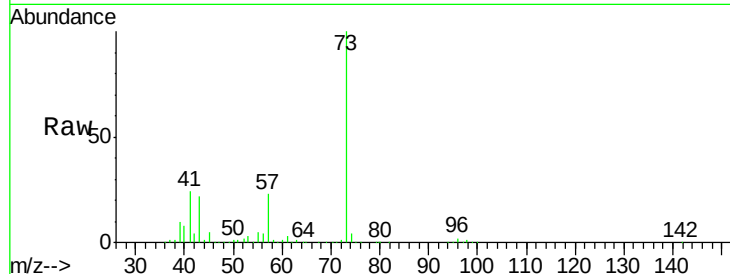




#19
Methvl tert-butyl Ether
Concen: 46.474 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

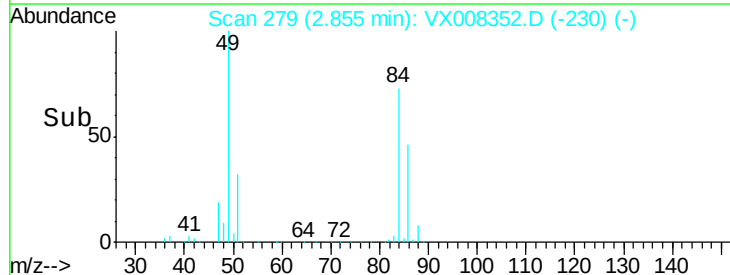
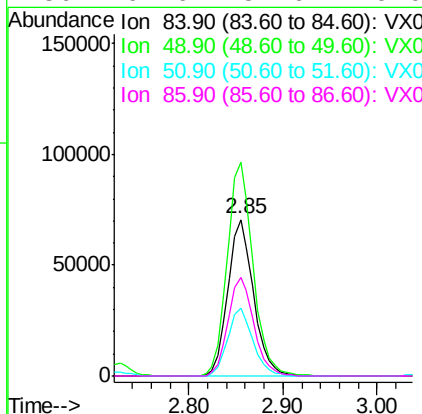
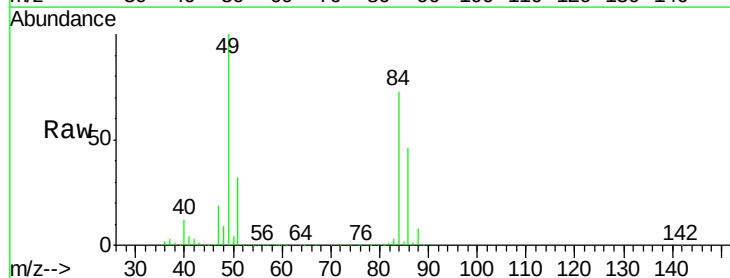
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

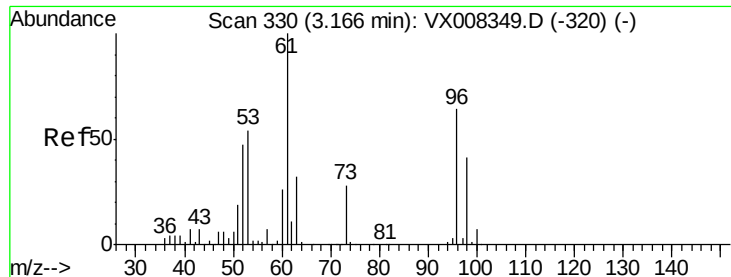
Tot Ion: 73 Resp: 414472
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4



#20
Methylene Chloride
Concen: 44.581 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 84 Resp: 133016
Ion Ratio Lower Upper
84 100
49 136.2 99.3 148.9
51 42.9 31.3 46.9
86 62.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.627 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

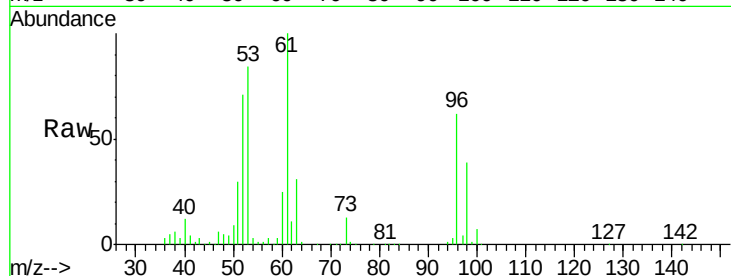
Tot Ion: 96 Resp: 122337

Ion Ratio Lower Upper

96 100

61 160.2 114.4 171.6

98 63.0 51.1 76.7

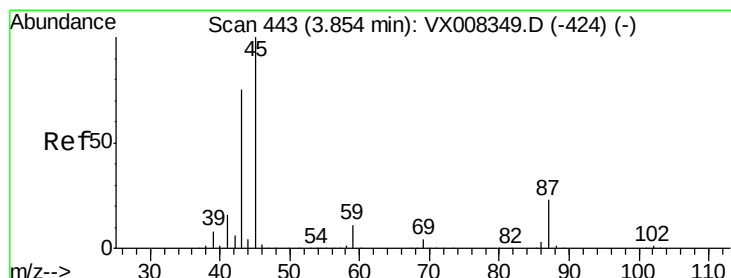
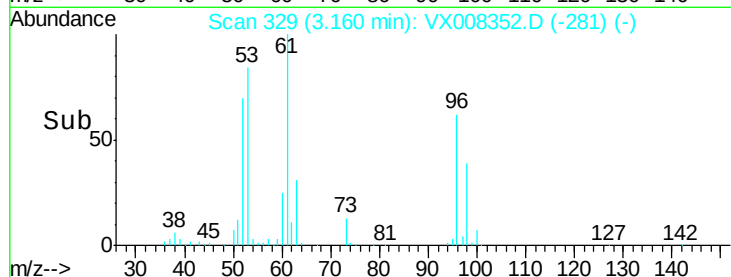
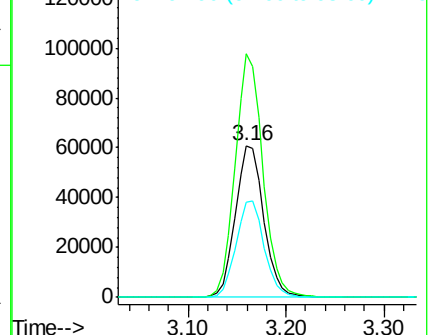


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.499 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion: 45 Resp: 495943

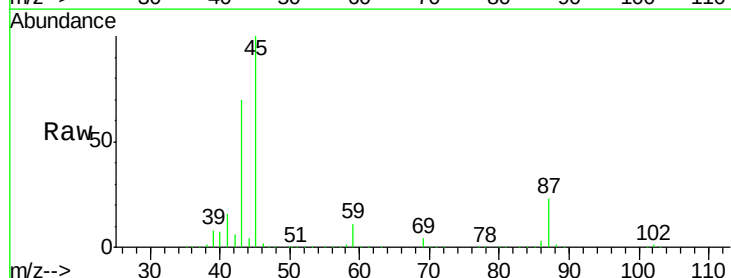
Ion Ratio Lower Upper

45 100

43 69.2 45.3 67.9#

87 22.7 21.4 32.0

59 11.1 9.5 14.3



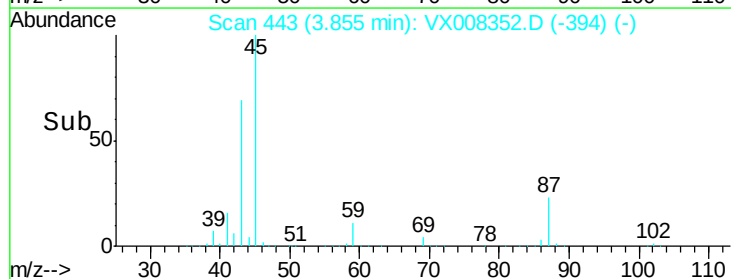
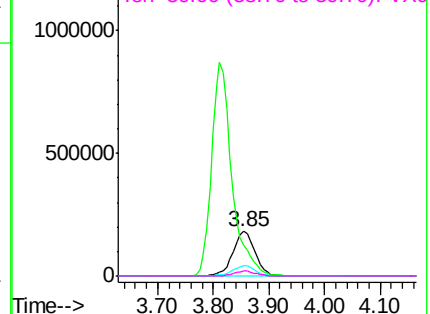
Abundance

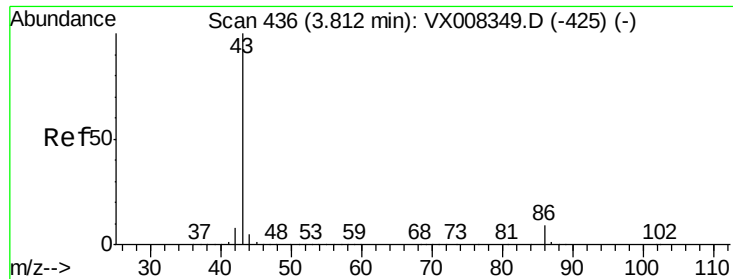
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 236.909 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

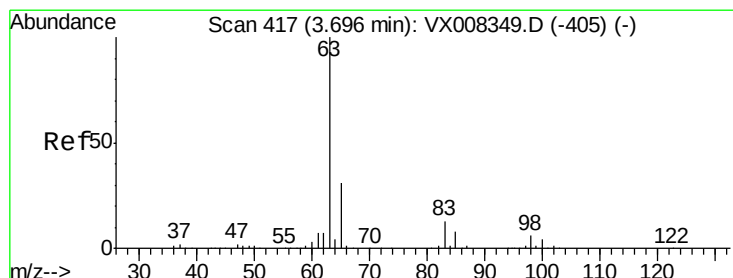
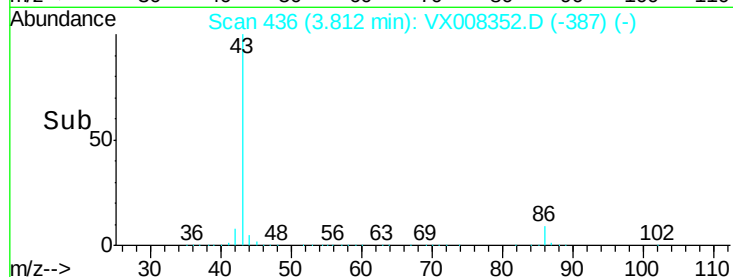
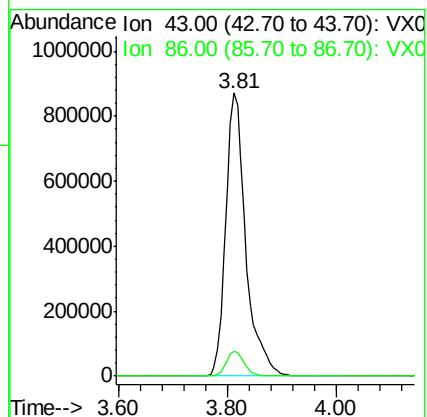
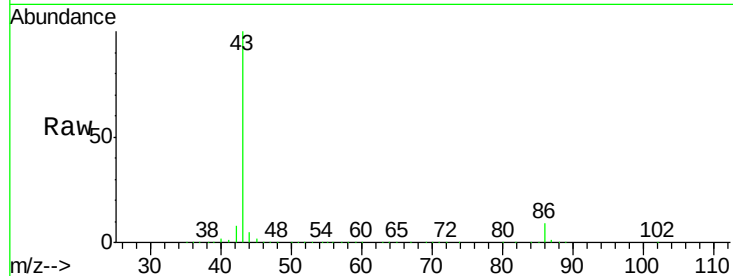
ICVVX032319

Tot Ion: 43 Resp: 2230962

Ion Ratio Lower Upper

43 100

86 8.7 7.9 11.9



#24

1,1-Dichloroethane

Concen: 46.201 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

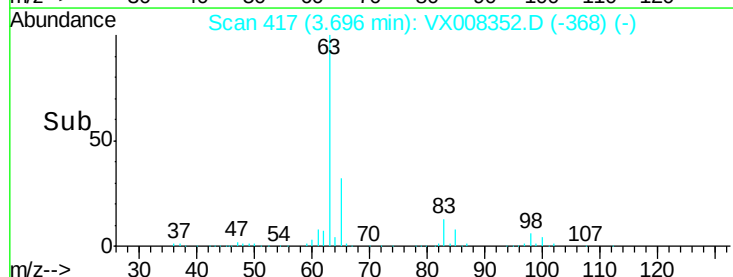
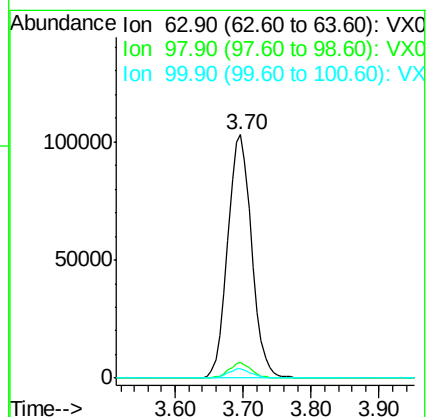
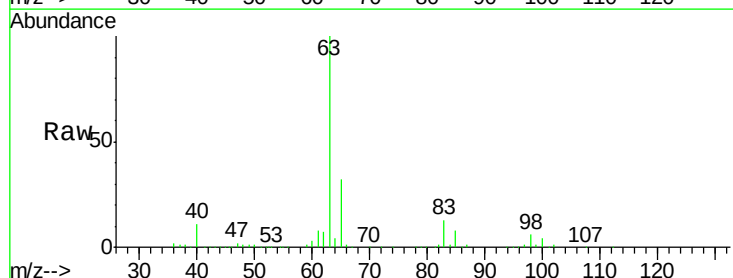
Tgt Ion: 63 Resp: 251237

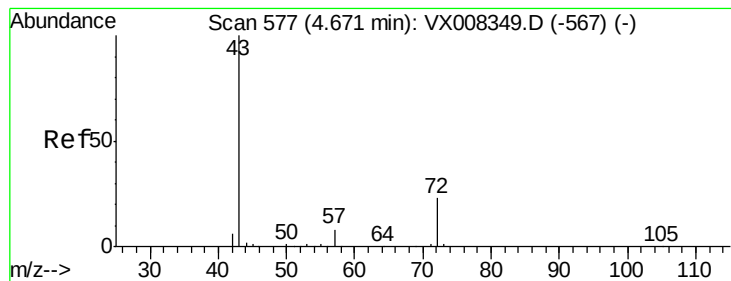
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 226.137 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

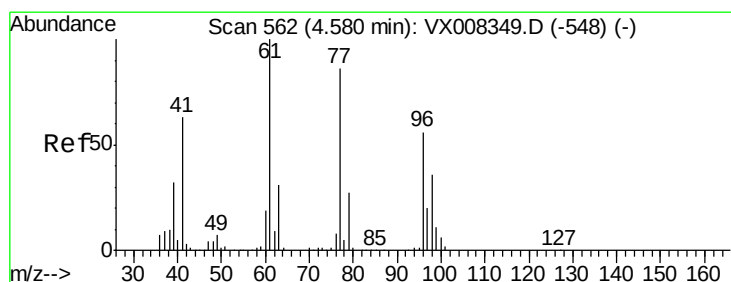
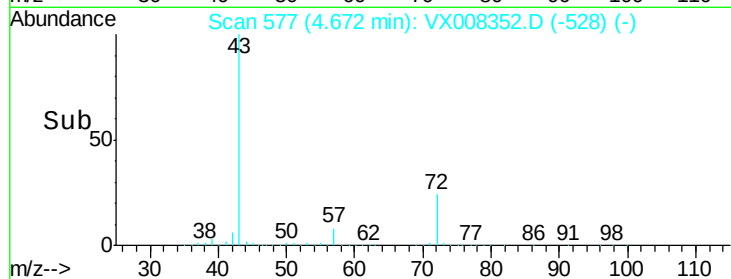
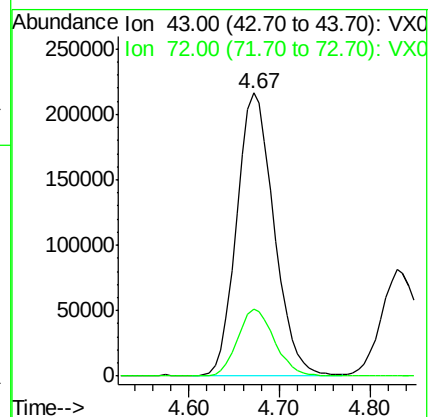
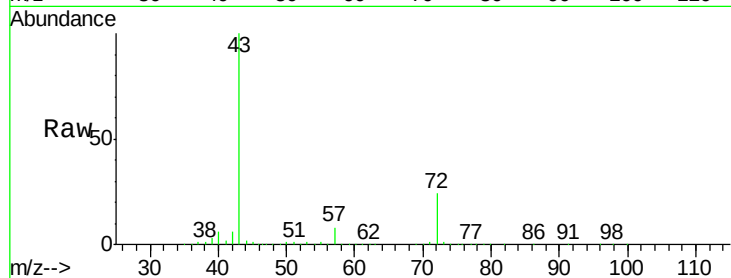
ICVVX032319

Tot Ion: 43 Resp: 617146

Ion Ratio Lower Upper

43 100

72 23.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 47.236 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008352.D

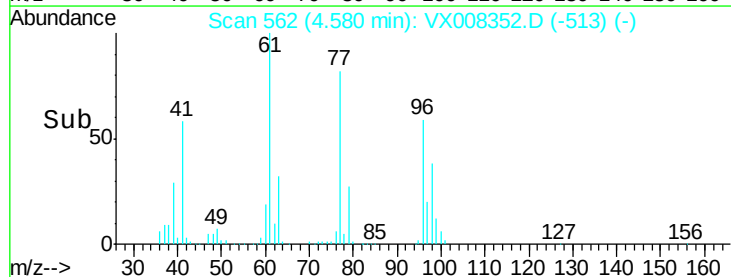
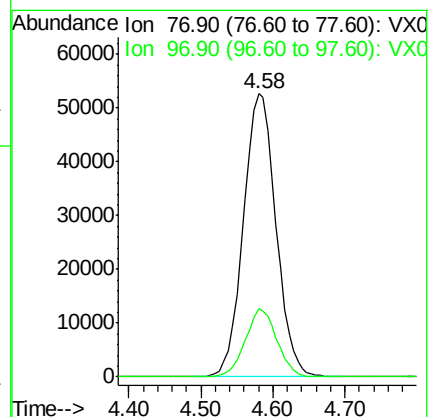
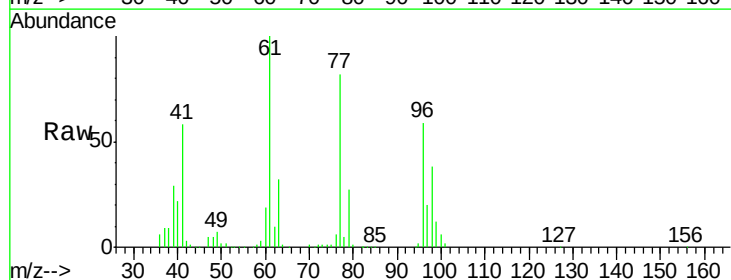
Acq: 23 Mar 2019 15:31

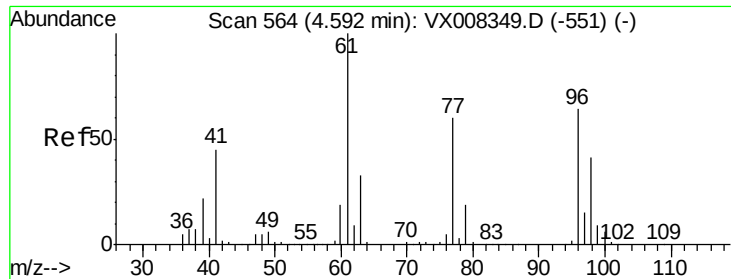
Tgt Ion: 77 Resp: 165491

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6



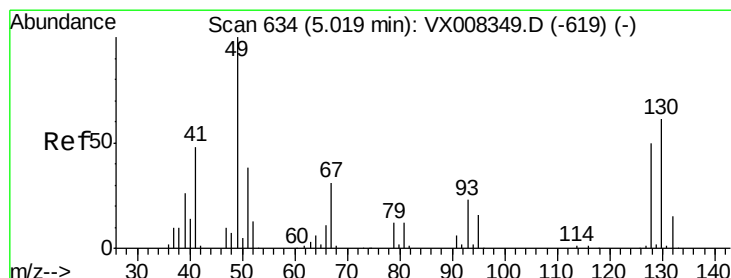
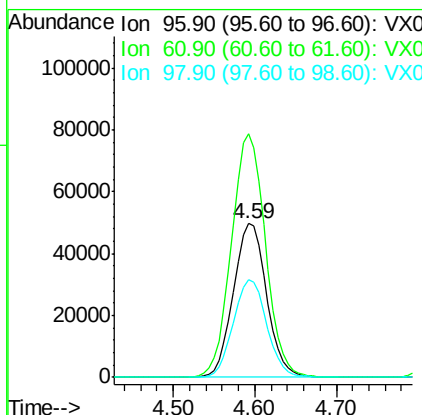
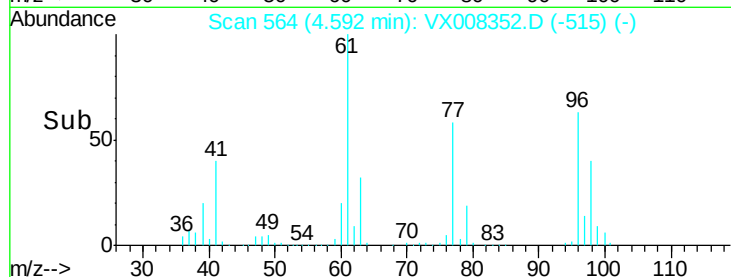
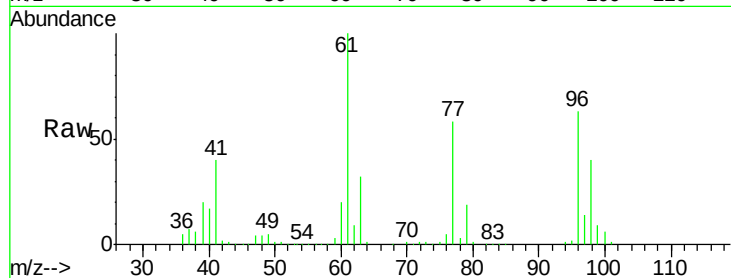


#27

cis-1,2-Dichloroethene
Concen: 45.741 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampled :
ICVVX032319

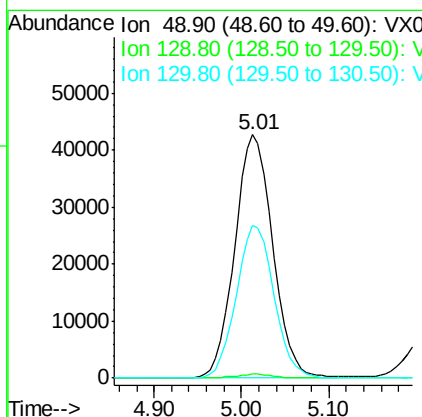
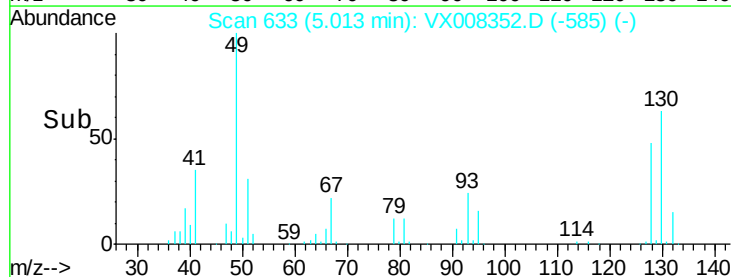
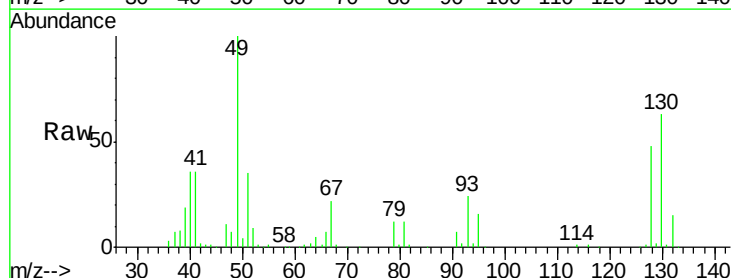
Tot Ion: 96 Resp: 140469
Ion Ratio Lower Upper
96 100
61 162.2 0.0 288.0
98 64.3 0.0 129.0

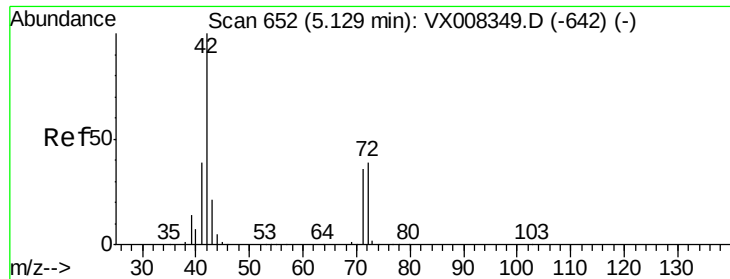


#28

Bromochloromethane
Concen: 47.480 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 49 Resp: 128892
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 62.5 65.0 97.4#

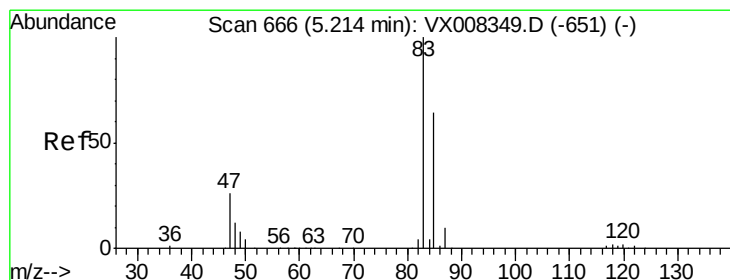
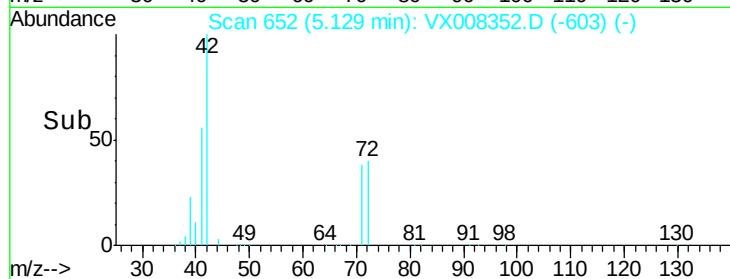
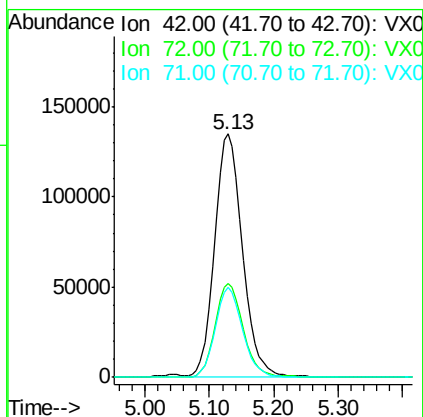
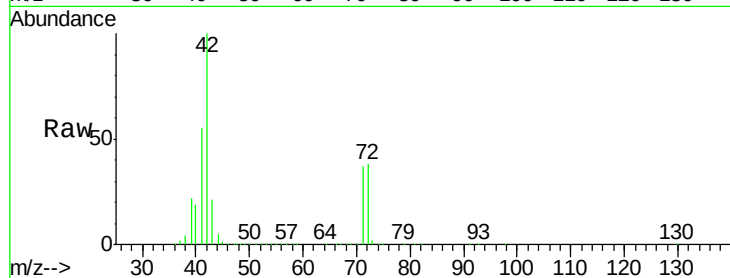




#29
Tetrahydrofuran
Concen: 225.779 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

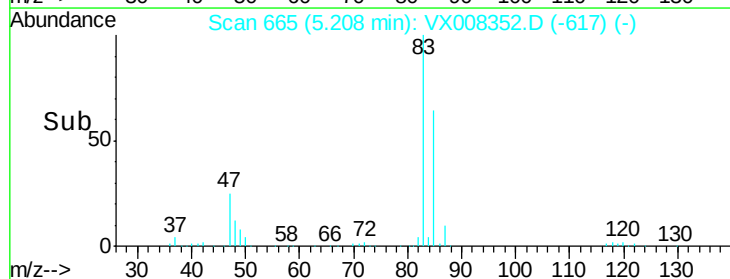
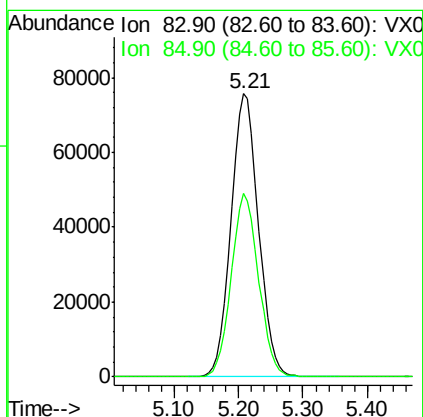
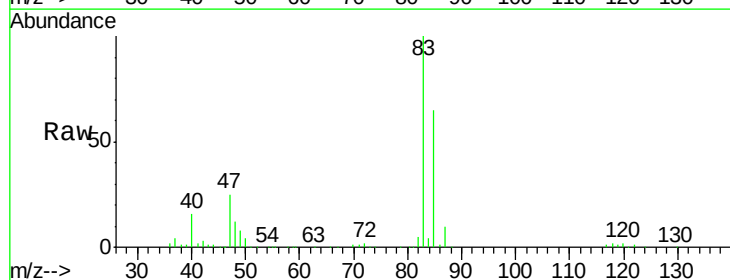
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

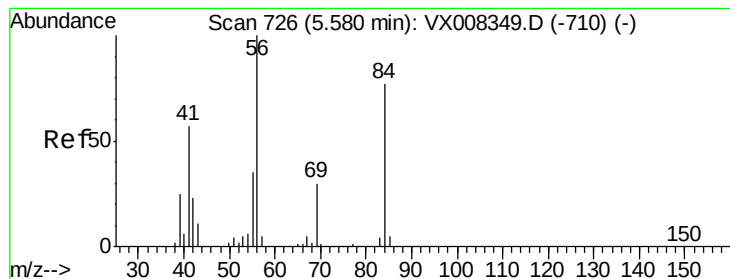
Tot Ion: 42 Resp: 409130
Ion Ratio Lower Upper
42 100
72 39.3 33.8 50.6
71 36.5 31.5 47.3



#30
Chloroform
Concen: 46.041 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 83 Resp: 225732
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.6





#31

Cyclohexane

Concen: 46.871 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampled :

ICVX032319

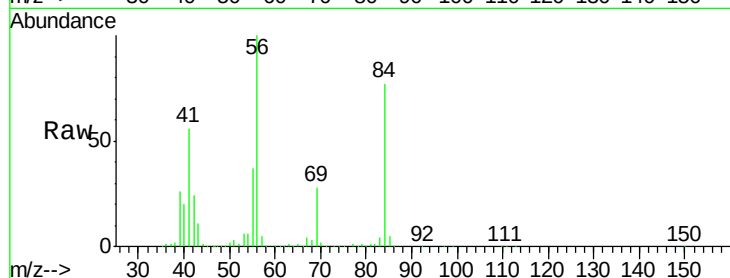
Tot Ion: 56 Resp: 244409

Ion Ratio Lower Upper

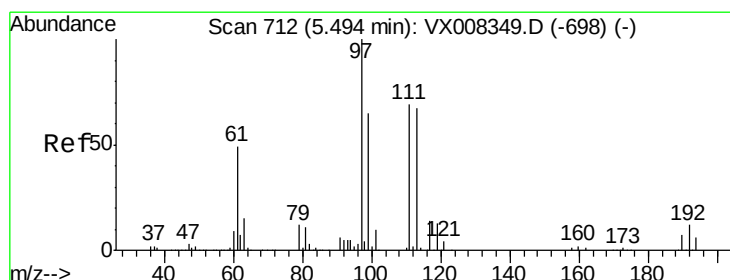
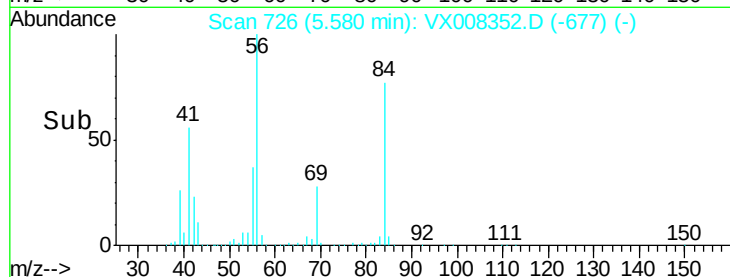
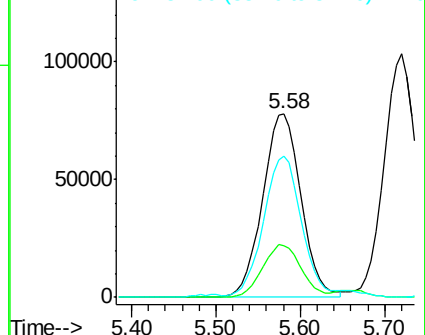
56 100

69 28.0 24.0 36.0

84 75.8 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 47.117 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

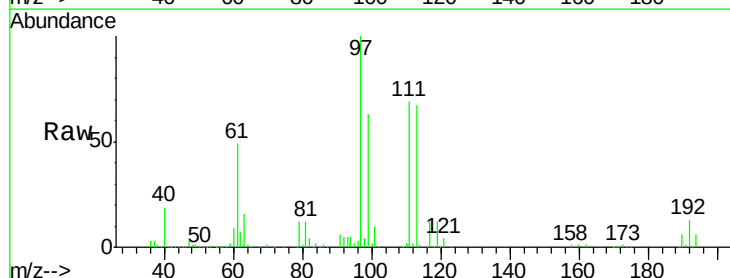
Tgt Ion: 97 Resp: 182761

Ion Ratio Lower Upper

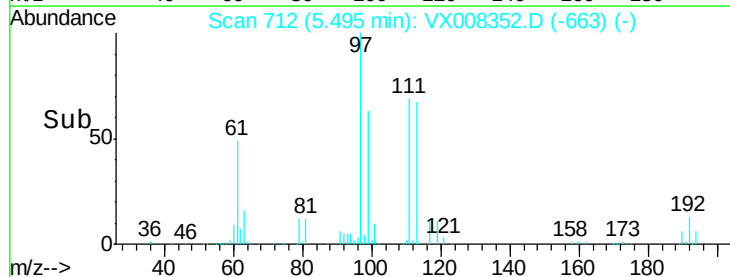
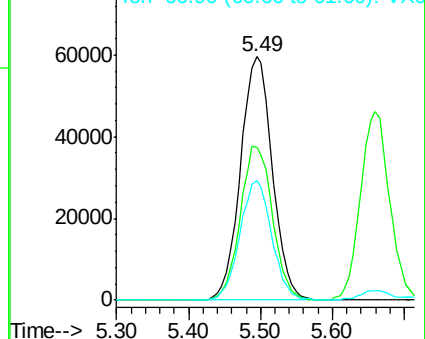
97 100

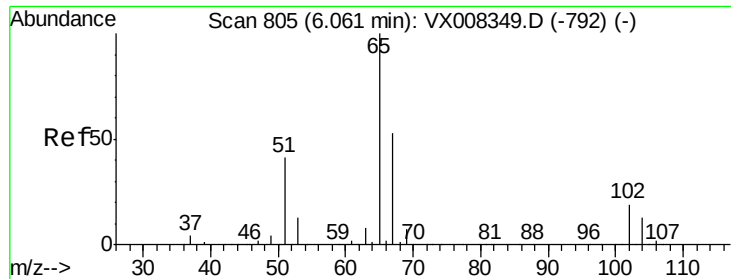
99 64.1 52.2 78.2

61 49.2 34.9 52.3



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

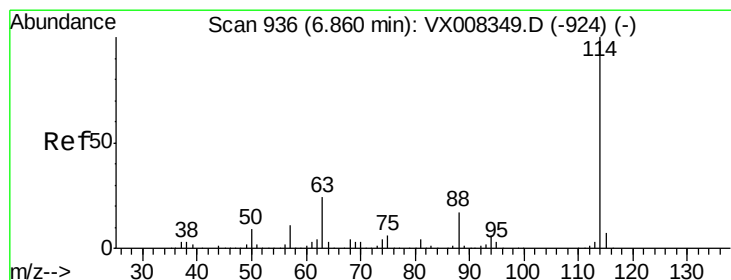
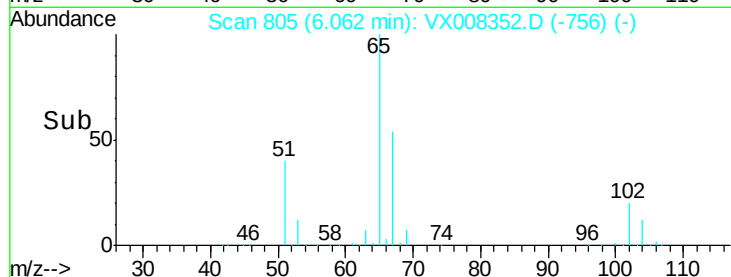
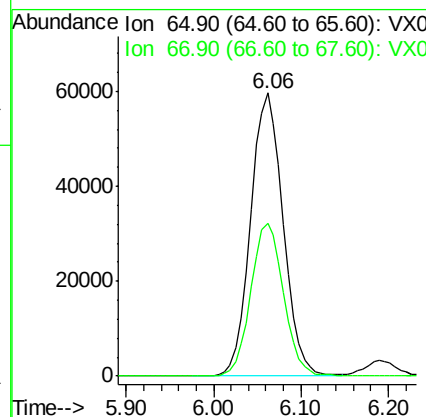
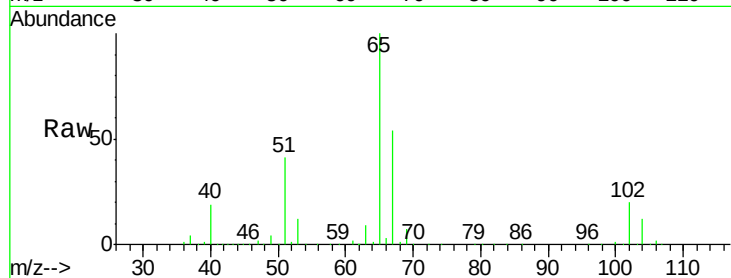




#33
 1,2-Dichloroethane-d4
 Concen: 46.607 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

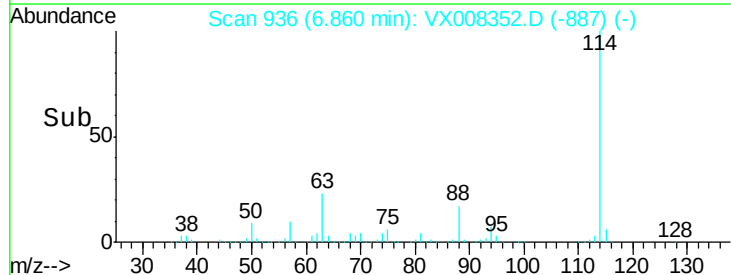
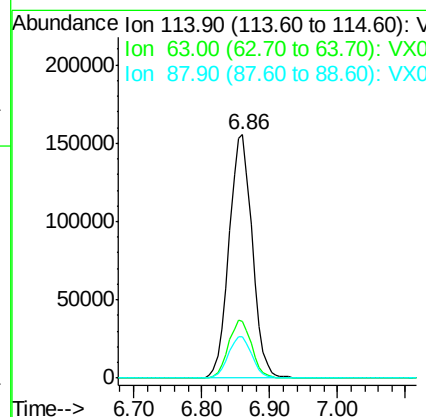
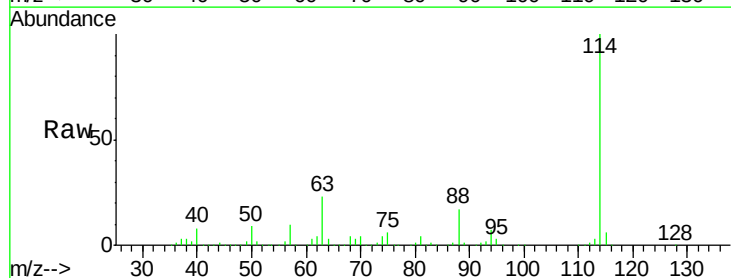
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

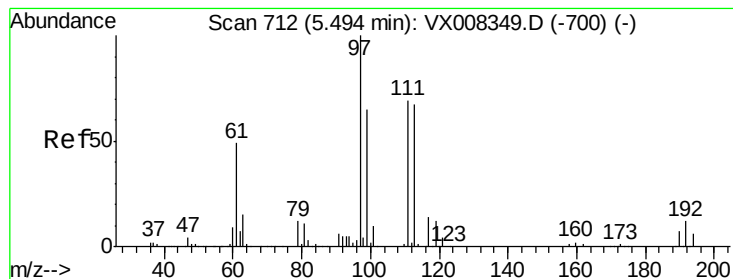
Tot Ion: 65 Resp: 154543
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion: 114 Resp: 367655
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 39.8
 88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.939 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

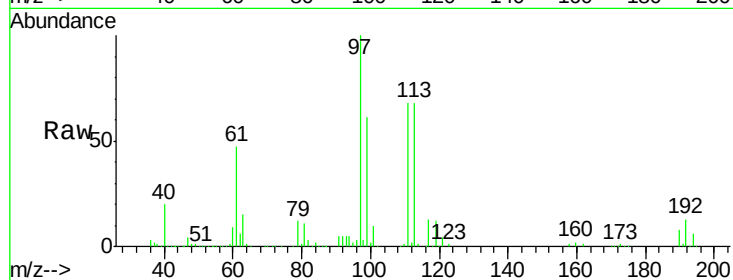
Tot Ion:113 Resp: 114191

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

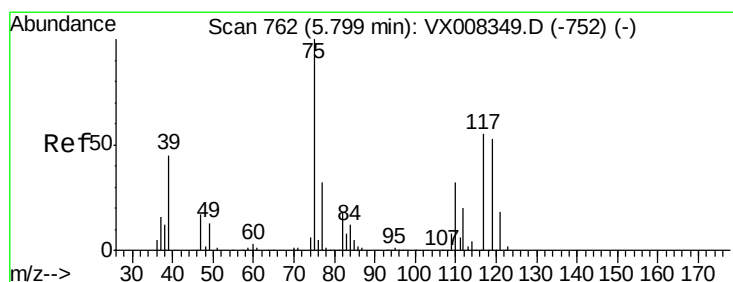
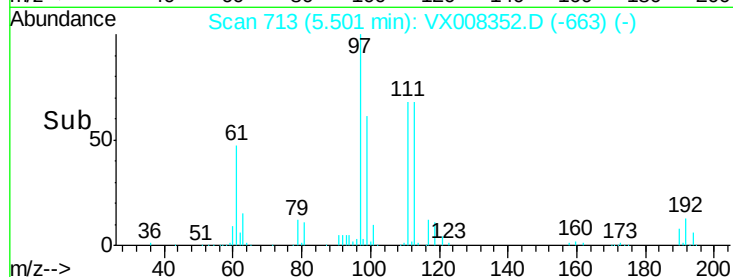
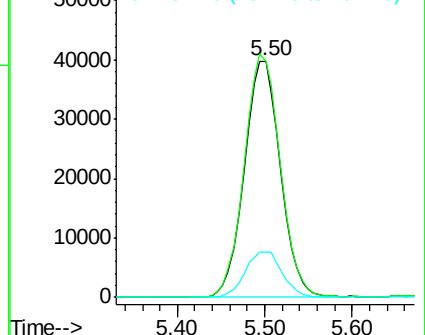
192 19.8 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.809 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

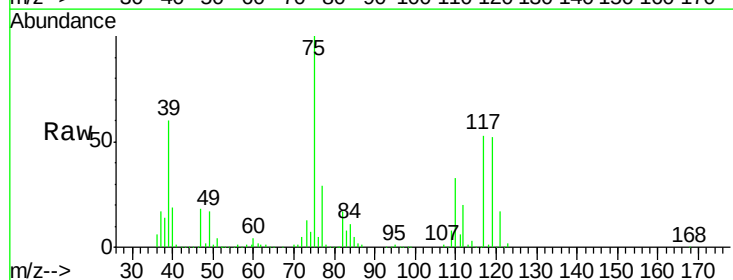
Tgt Ion: 75 Resp: 183370

Ion Ratio Lower Upper

75 100

110 33.0 18.4 55.0

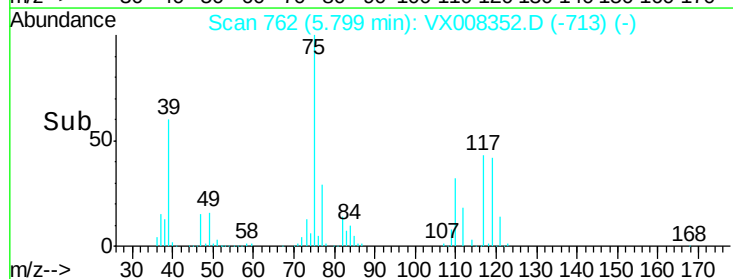
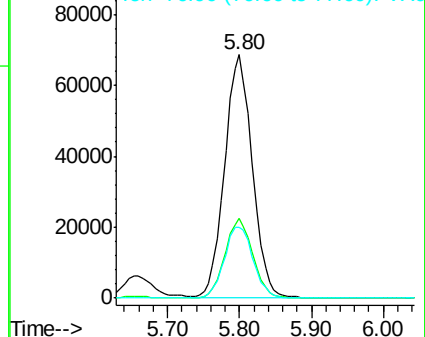
77 30.7 25.0 37.4

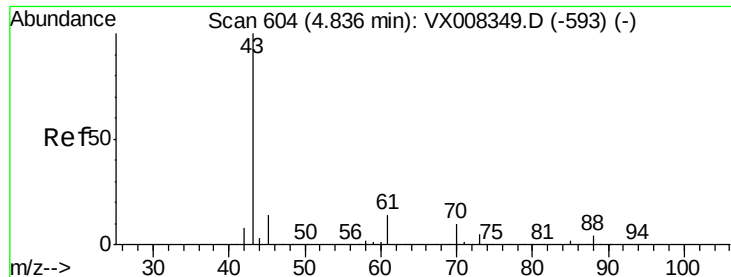


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

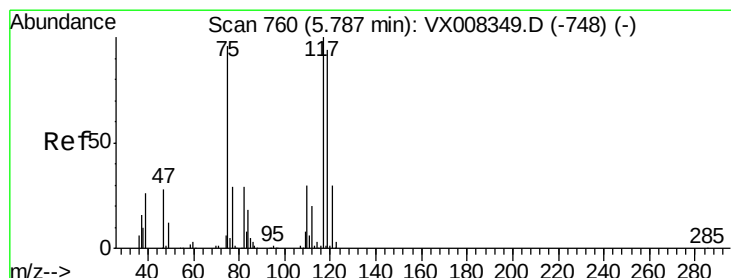
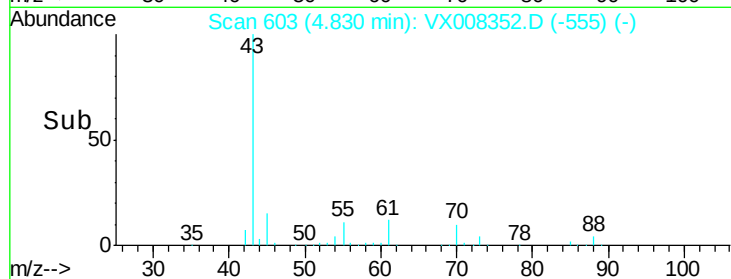
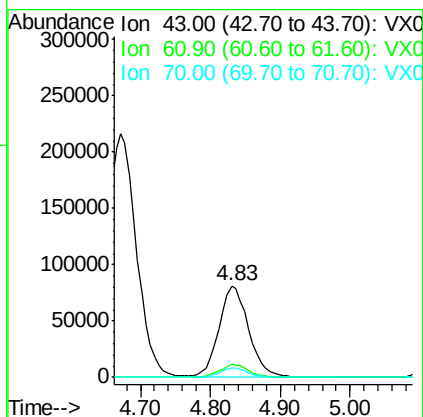
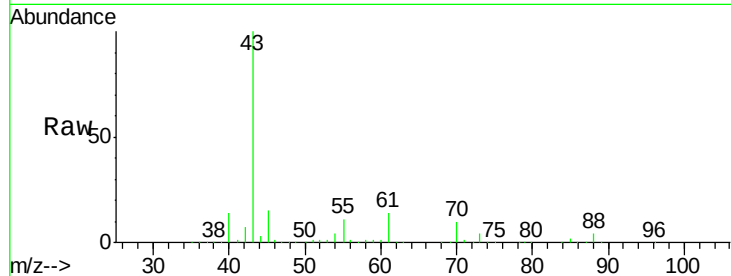




#37
Ethyl Acetate
Concen: 46.478 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

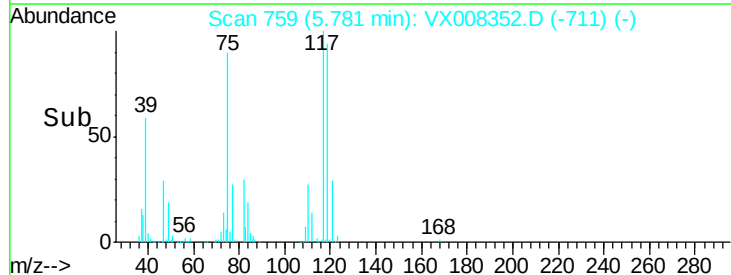
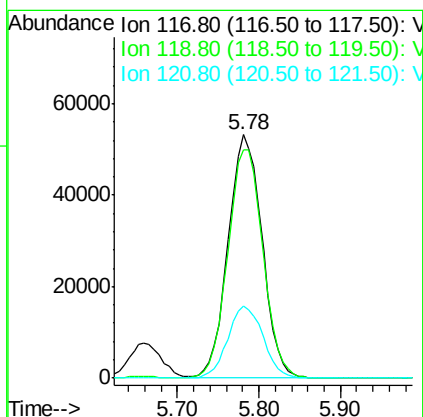
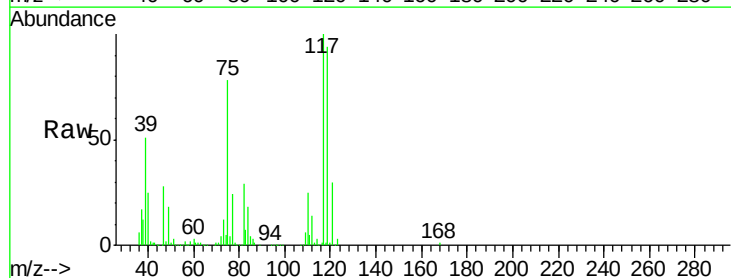
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

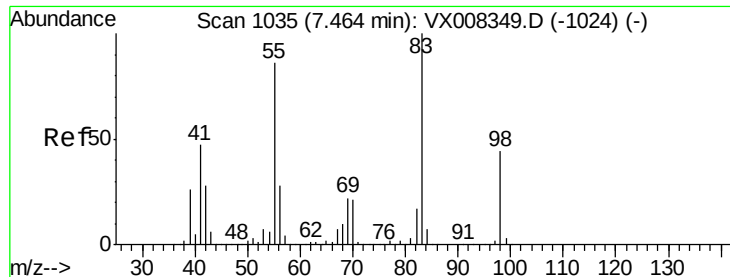
Tot Ion: 43 Resp: 236321
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 10.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.551 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 117 Resp: 153136
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.2
121 29.6 24.6 36.8

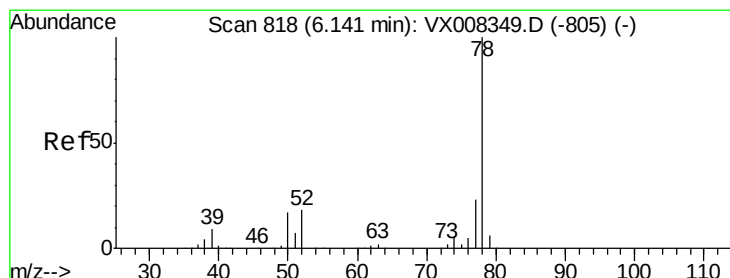
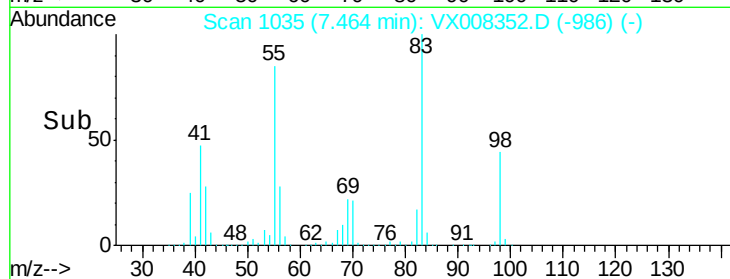
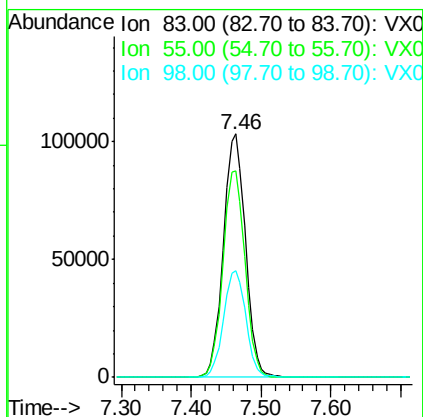
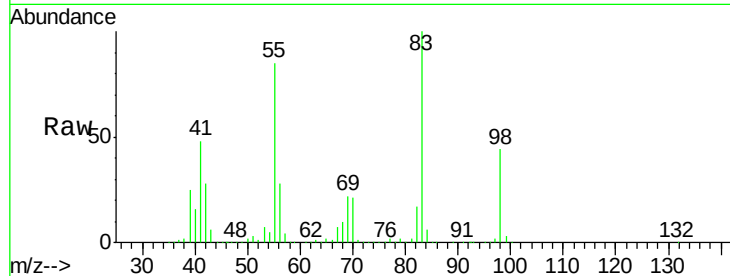




#39
Methylvlcyclohexane
Concen: 49.322 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

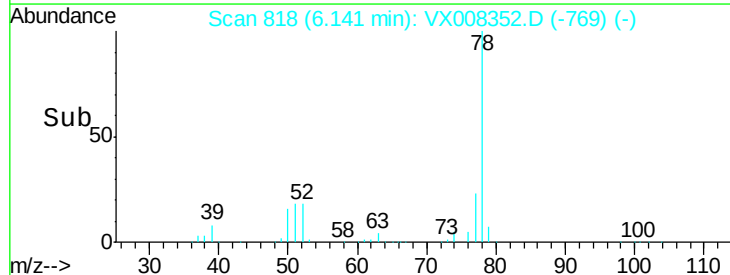
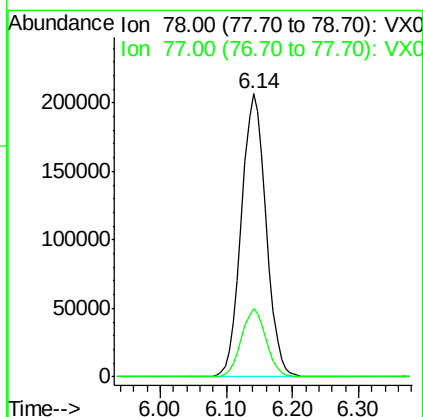
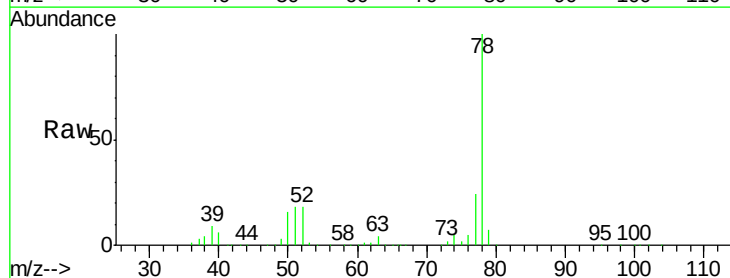
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

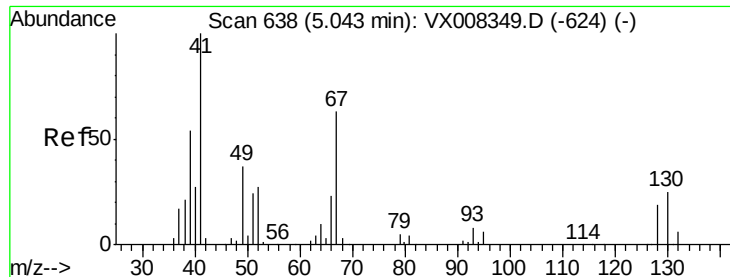
Tot Ion: 83 Resp: 227125
Ion Ratio Lower Upper
83 100
55 84.6 60.4 90.6
98 43.9 36.5 54.7



#40
Benzene
Concen: 46.972 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 78 Resp: 537418
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 48.629 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 41 Resp: 134771

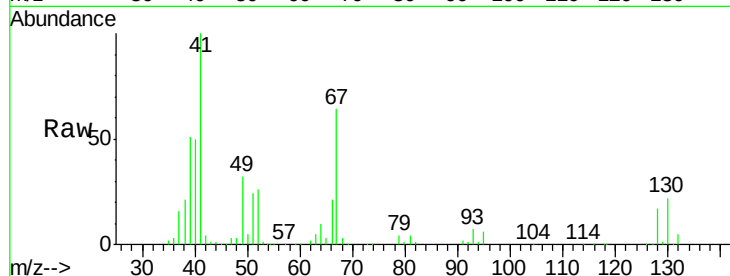
Ion Ratio Lower Upper

41 100

39 52.7 41.6 62.4

67 64.4 55.8 83.6

52 26.7 21.7 32.5

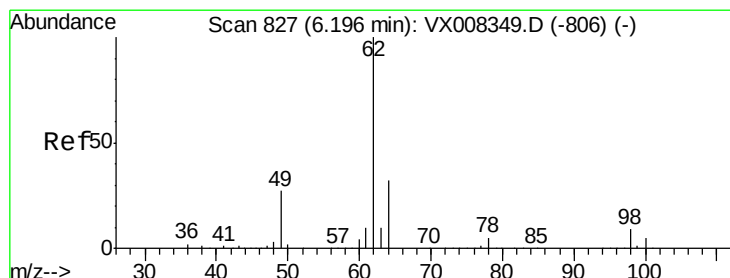
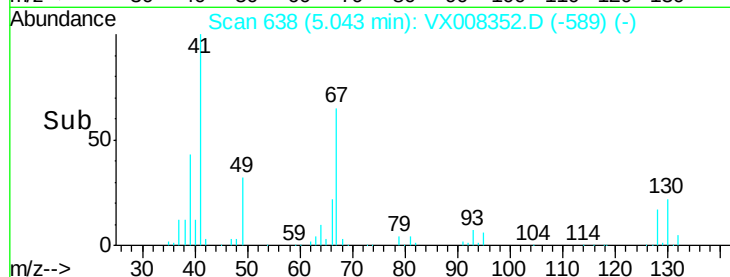
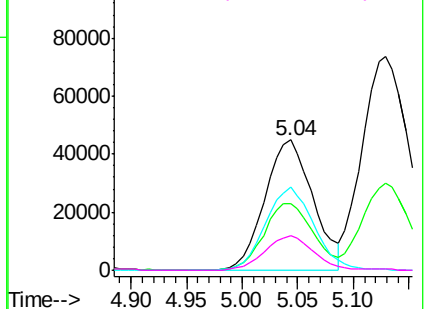


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.936 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008352.D

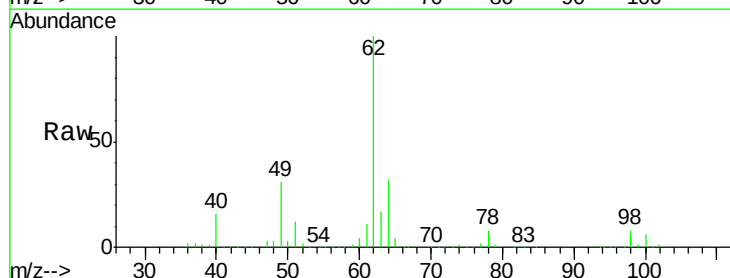
Acq: 23 Mar 2019 15:31

Tgt Ion: 62 Resp: 190729

Ion Ratio Lower Upper

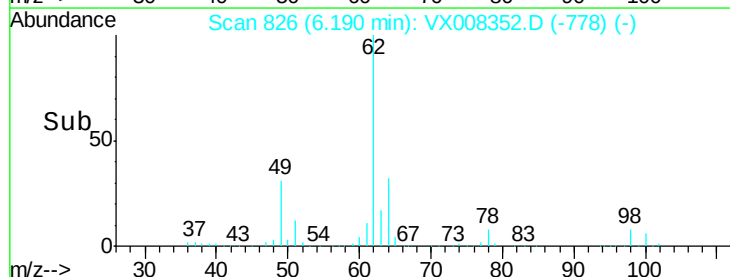
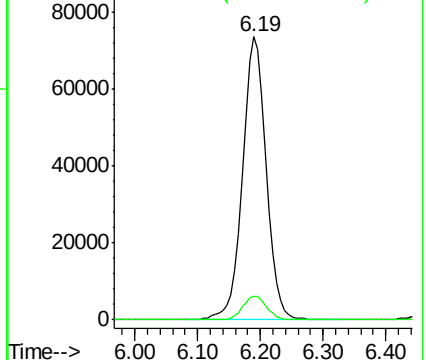
62 100

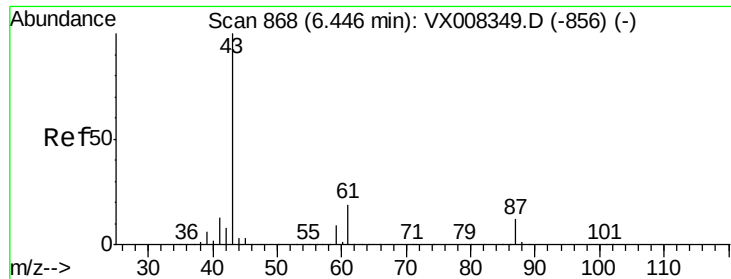
98 8.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.990 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

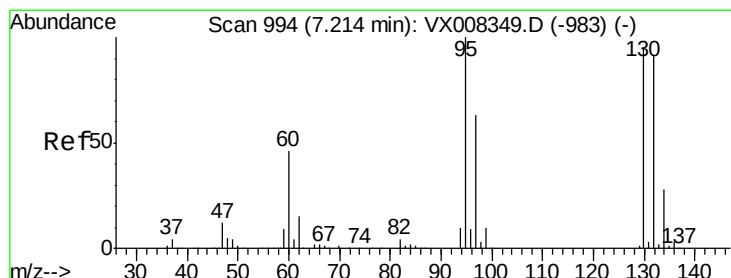
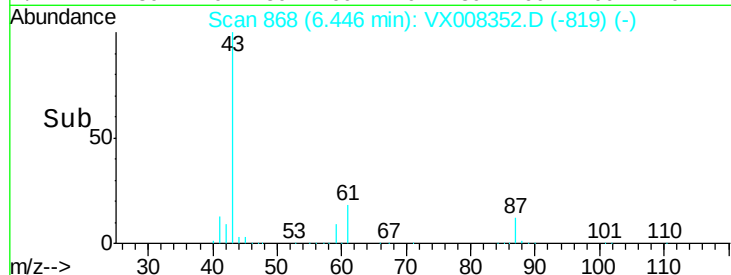
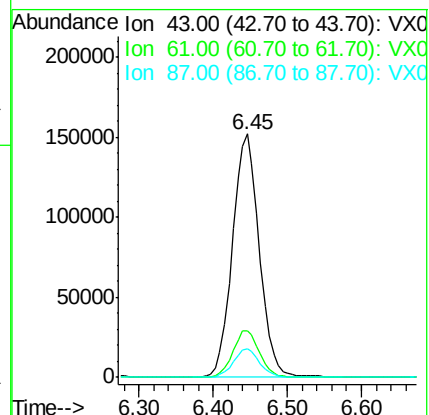
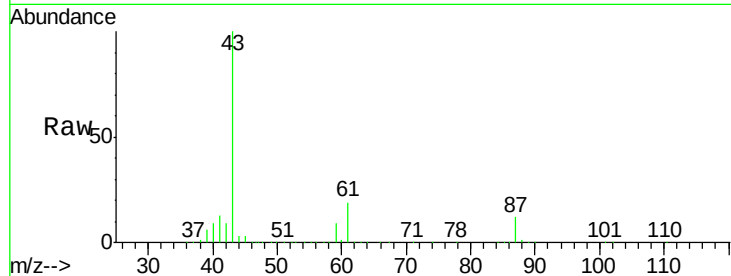
Tot Ion: 43 Resp: 379959

Ion Ratio Lower Upper

43 100

61 19.5 16.3 24.5

87 11.5 10.5 15.7



#44

Trichloroethene

Concen: 46.697 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008352.D

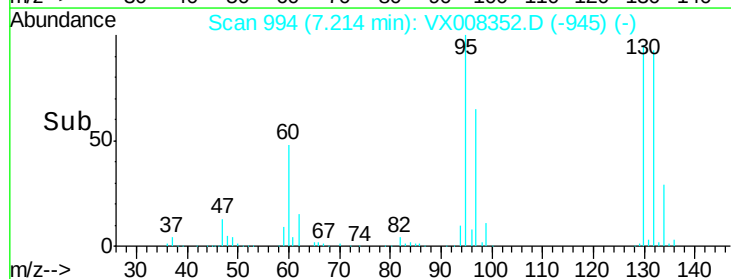
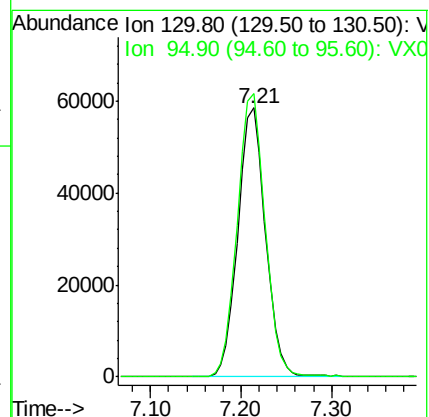
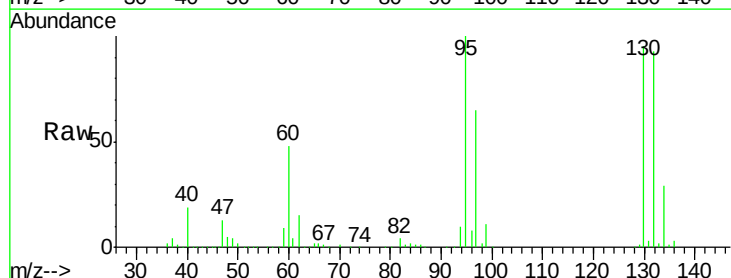
Acq: 23 Mar 2019 15:31

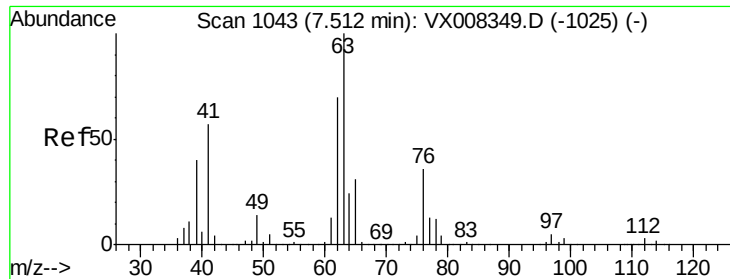
Tgt Ion: 130 Resp: 124072

Ion Ratio Lower Upper

130 100

95 105.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 47.322 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

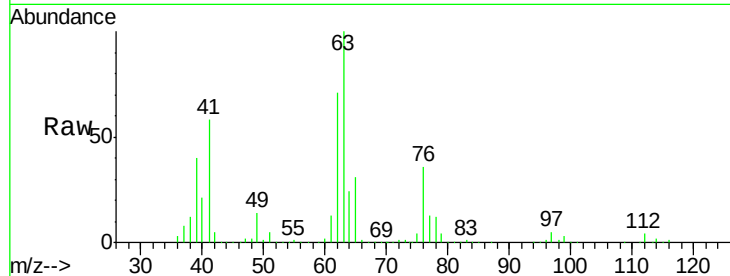
ICVVX032319

Tot Ion: 63 Resp: 153278

Ion Ratio Lower Upper

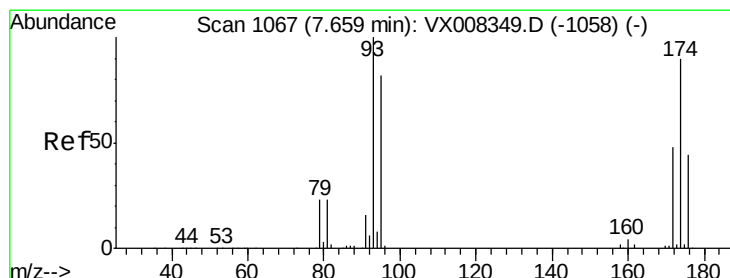
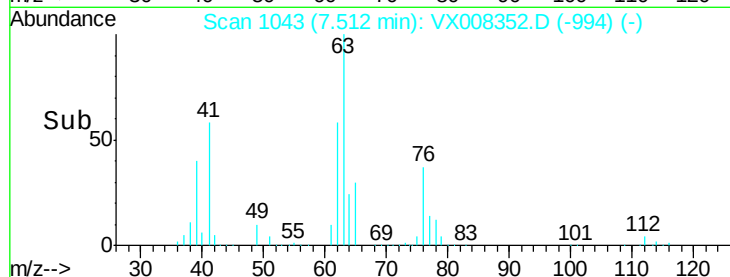
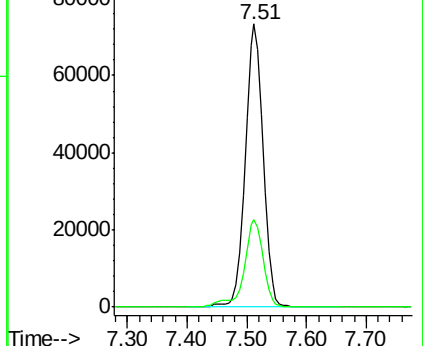
63 100

65 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.861 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

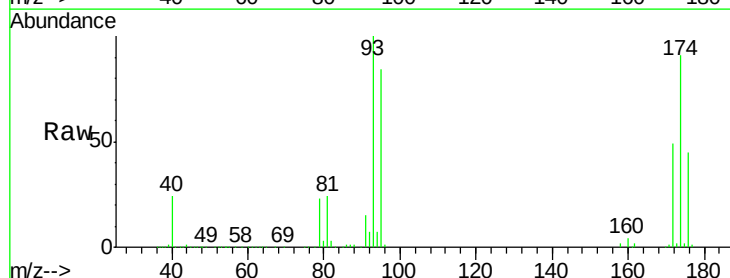
Tgt Ion: 93 Resp: 88154

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

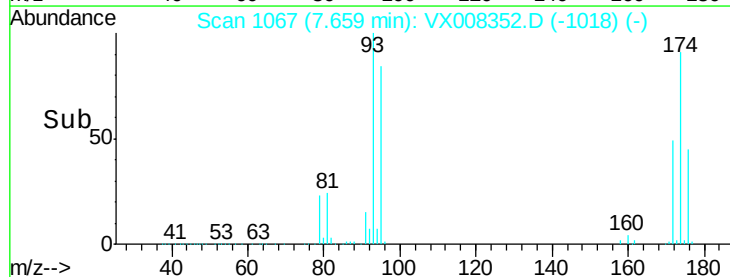
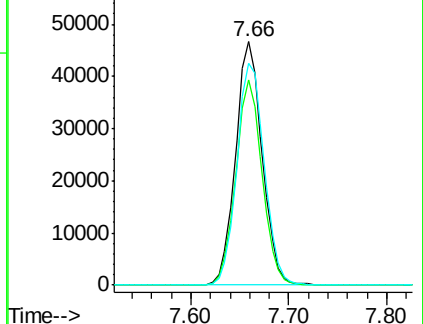
174 93.7 97.3 145.9#

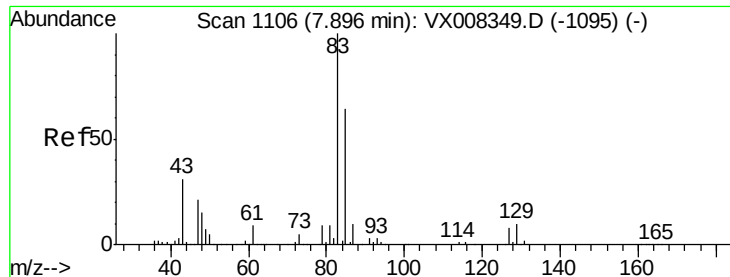


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.755 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

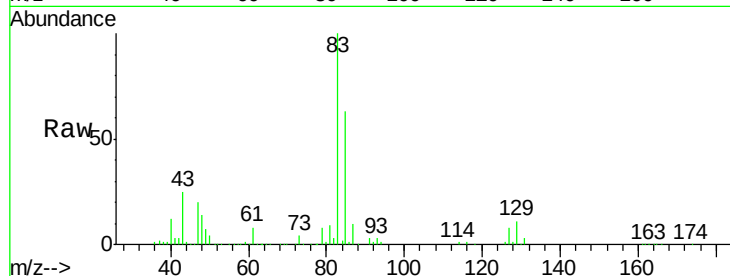
Tot Ion: 83 Resp: 175091

Ion Ratio Lower Upper

83 100

85 63.3 50.9 76.3

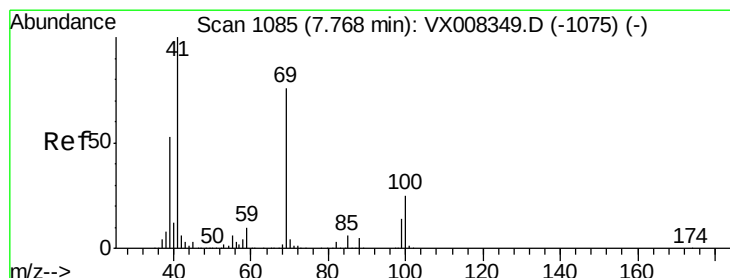
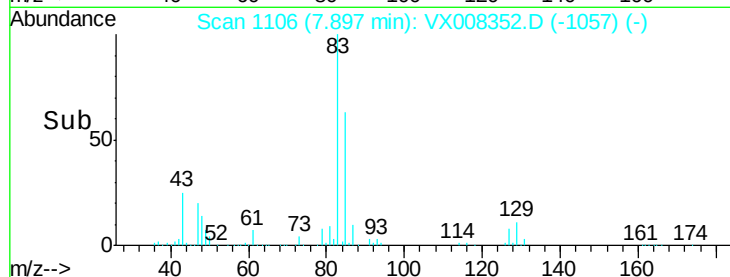
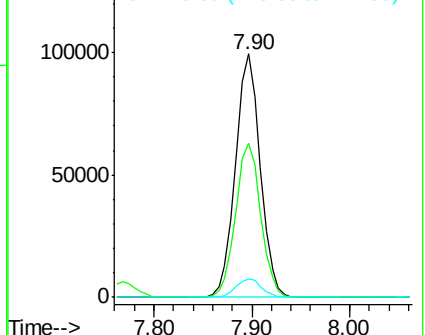
127 7.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.938 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

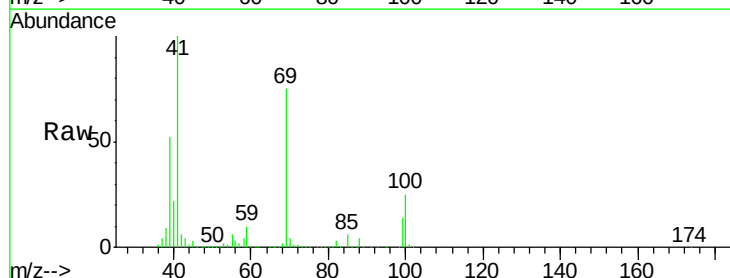
Tgt Ion: 41 Resp: 191520

Ion Ratio Lower Upper

41 100

69 75.5 65.2 97.8

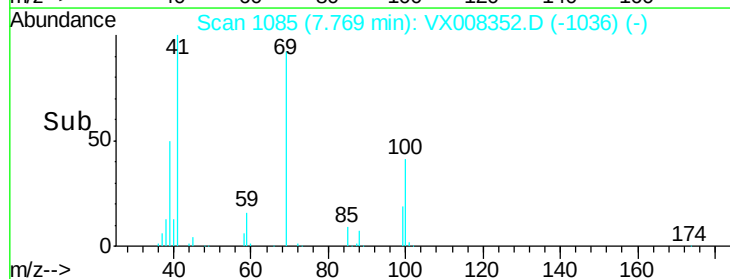
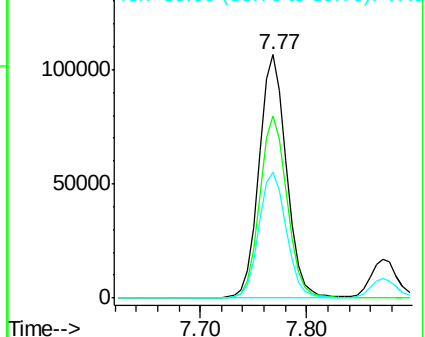
39 52.3 39.4 59.2

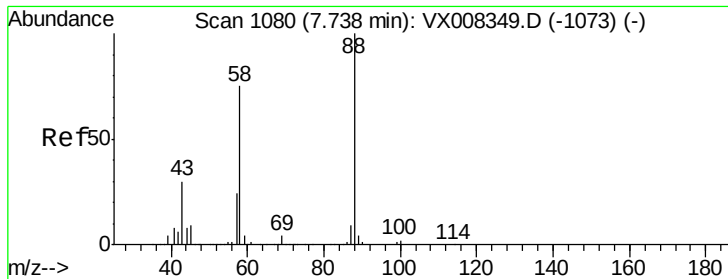


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 912.817 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

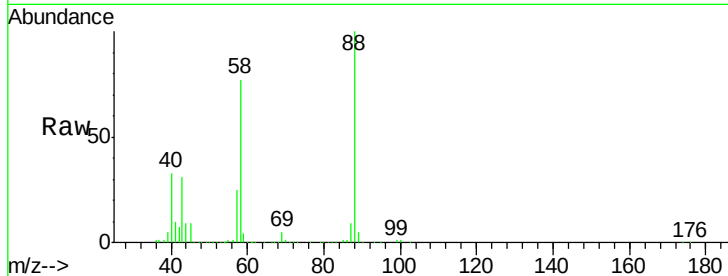
Tot Ion: 88 Resp: 73579

Ion Ratio Lower Upper

88 100

43 35.7 25.1 37.7

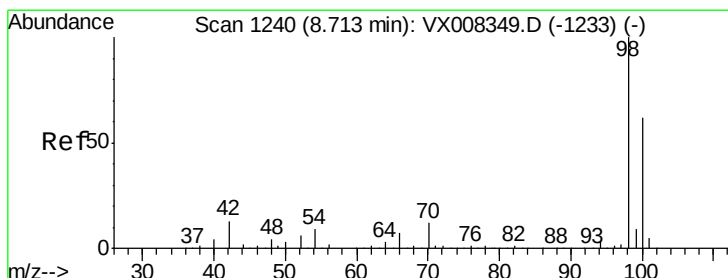
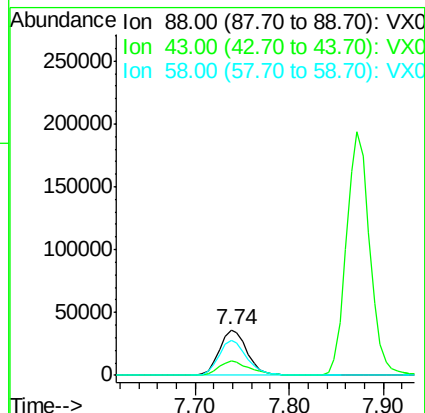
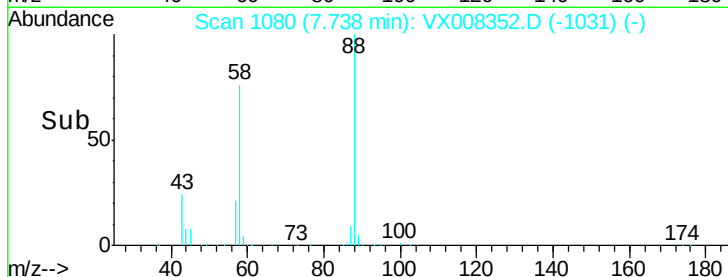
58 79.2 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.094 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008352.D

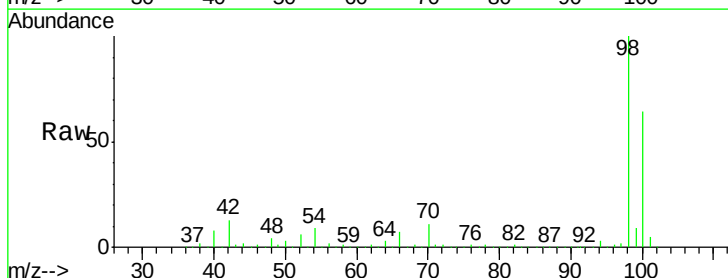
Acq: 23 Mar 2019 15:31

Tgt Ion: 98 Resp: 462541

Ion Ratio Lower Upper

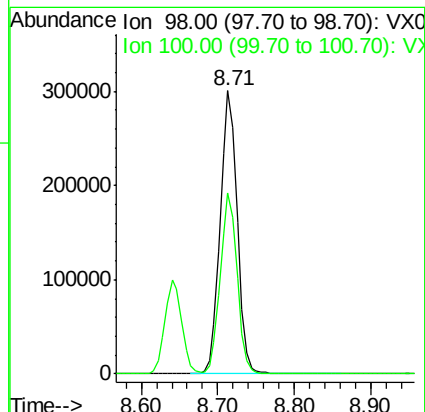
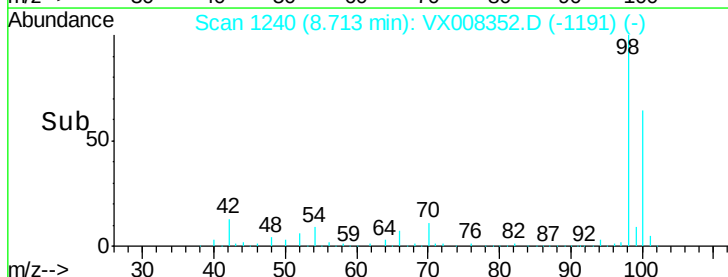
98 100

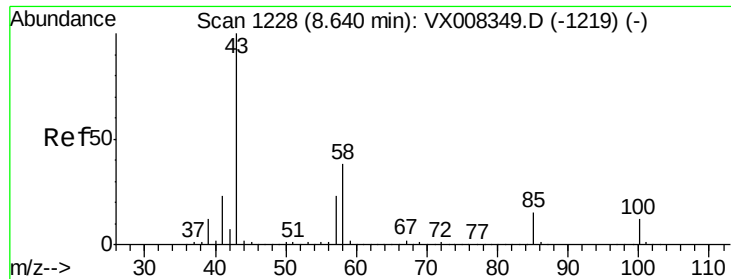
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 235.670 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

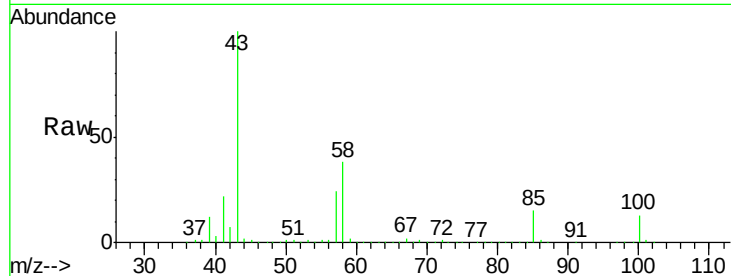
ICVVX032319

Tot Ion: 43 Resp: 1224262

Ion Ratio Lower Upper

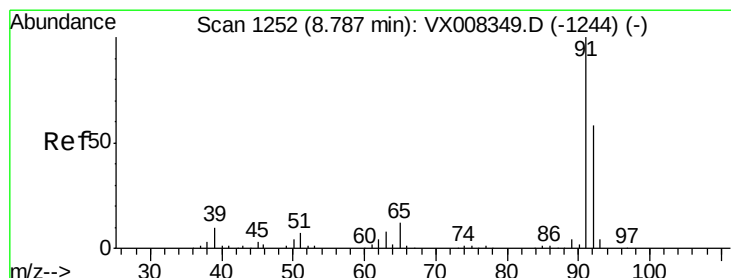
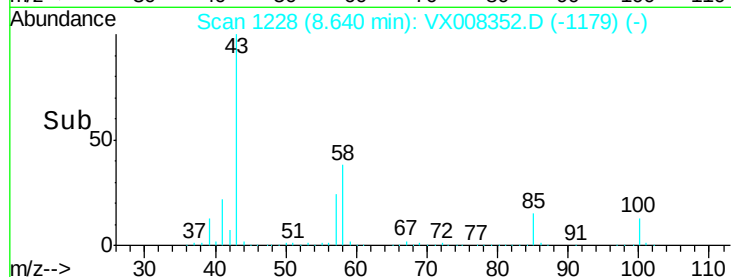
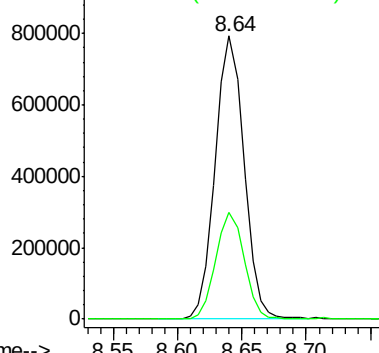
43 100

58 37.5 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.205 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008352.D

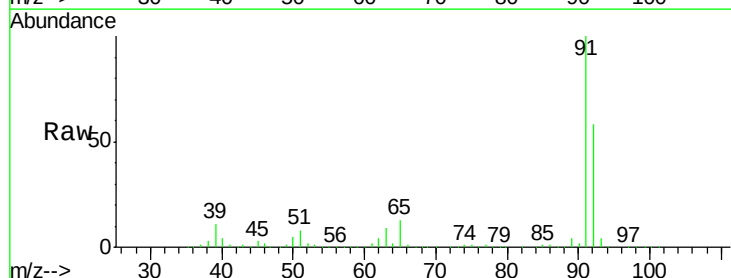
Acq: 23 Mar 2019 15:31

Tgt Ion: 92 Resp: 323399

Ion Ratio Lower Upper

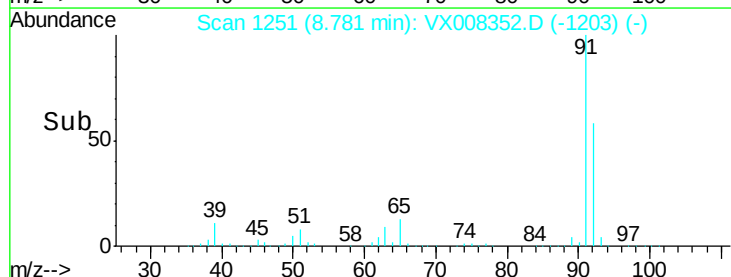
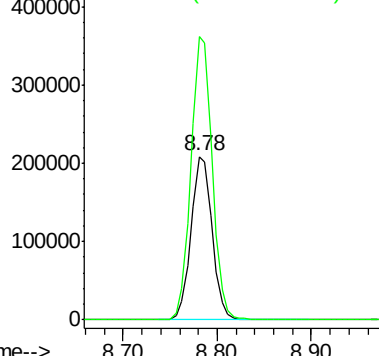
92 100

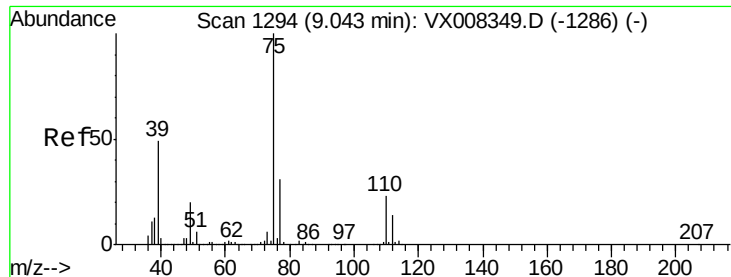
91 175.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.811 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

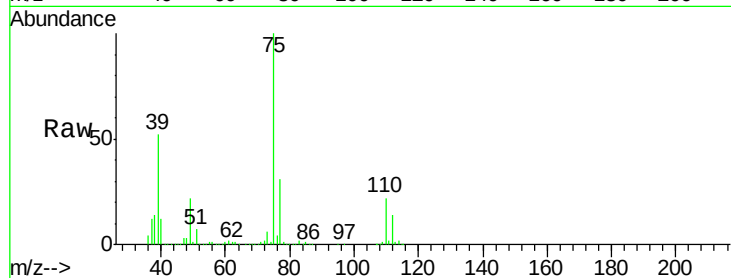
ICVVX032319

Tot Ion: 75 Resp: 200298

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

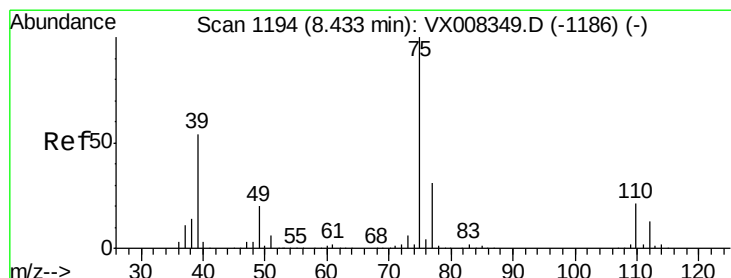
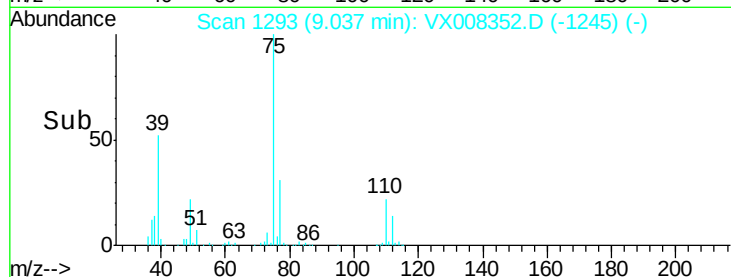
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.855 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

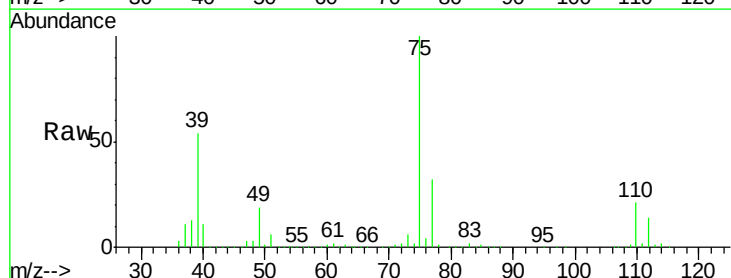
Tgt Ion: 75 Resp: 222820

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 54.1 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

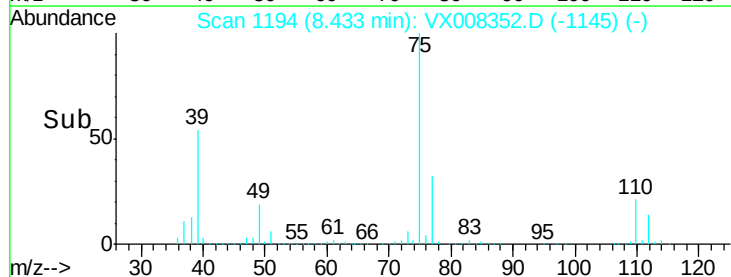
150000

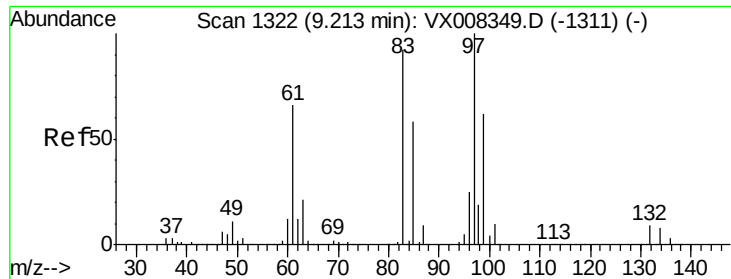
100000

50000

0

Time-->

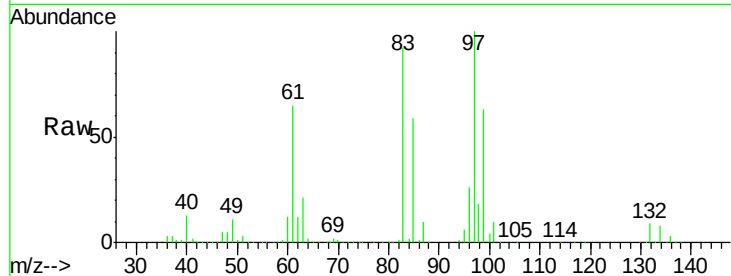




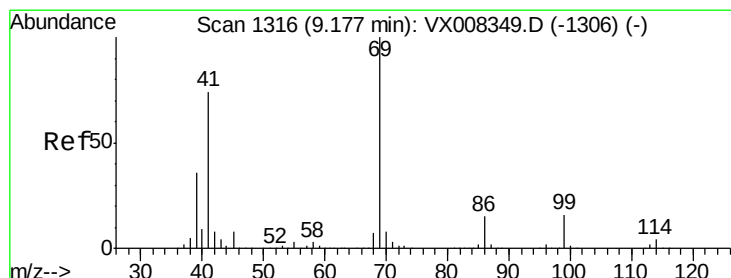
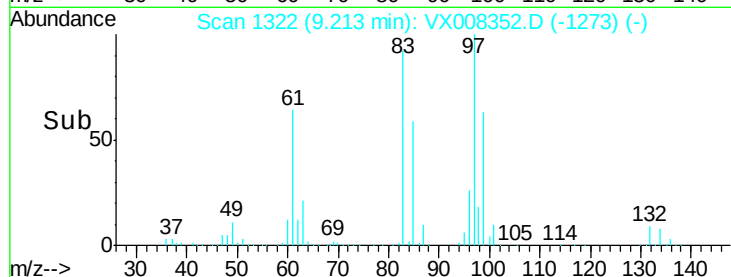
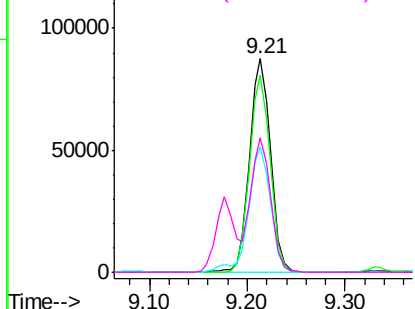
#55
 1,1,2-Trichloroethane
 Concen: 46.708 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Tot Ion:	97	Resp:	130161
Ion	Ratio	Lower	Upper
97	100		
83	92.1	69.1	103.7
85	58.7	44.3	66.5
99	62.7	49.8	74.8

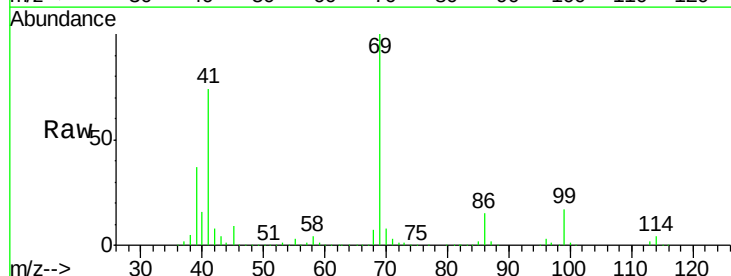


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

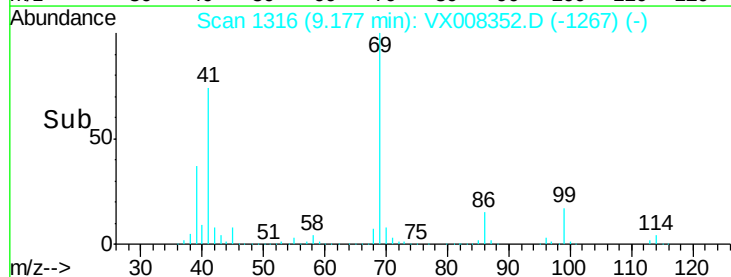
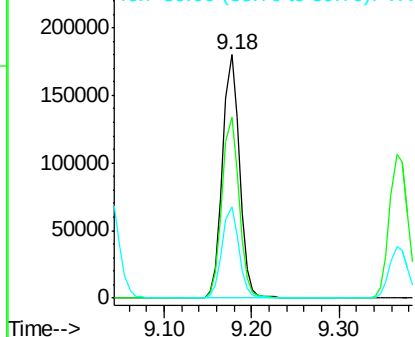


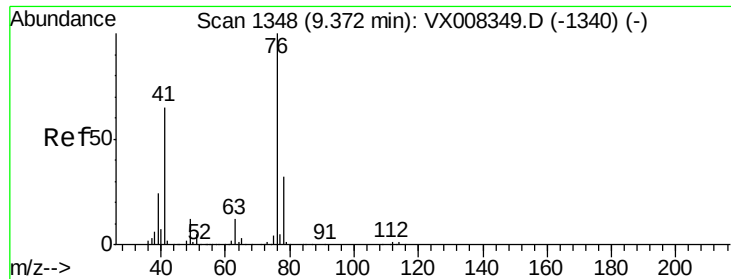
#56
 Ethyl methacrylate
 Concen: 49.157 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion:	69	Resp:	242513
Ion	Ratio	Lower	Upper
69	100		
41	74.1	54.2	81.4
39	37.2	25.0	37.4



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

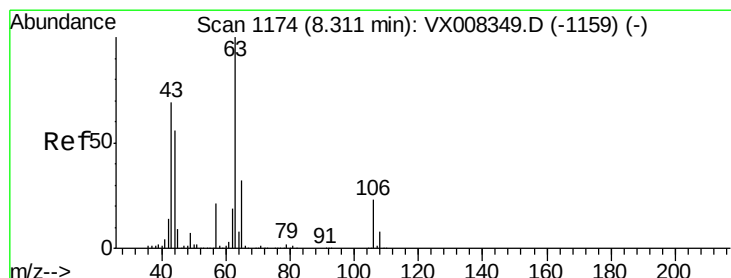
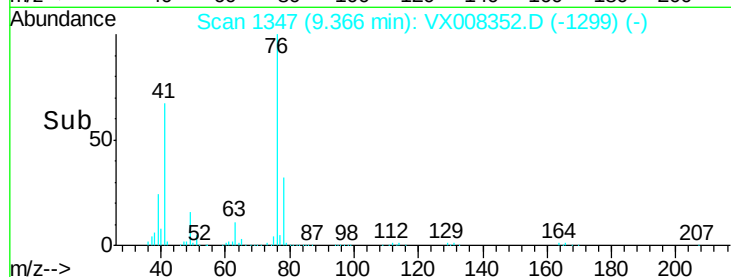
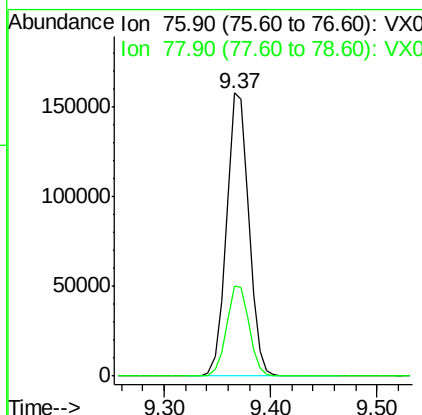
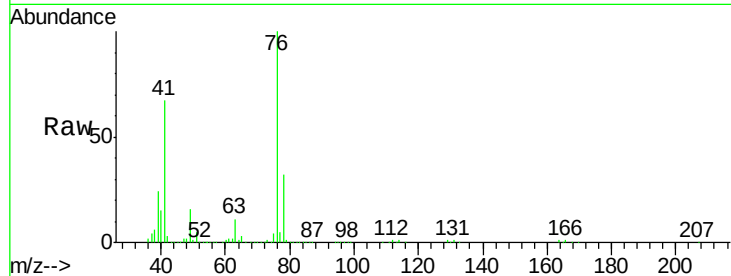




#57
 1,3-Dichloropropane
 Concen: 46.821 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

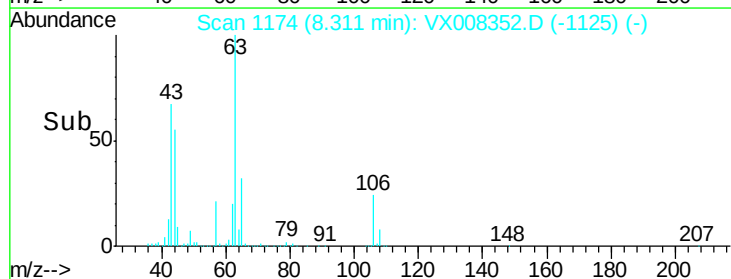
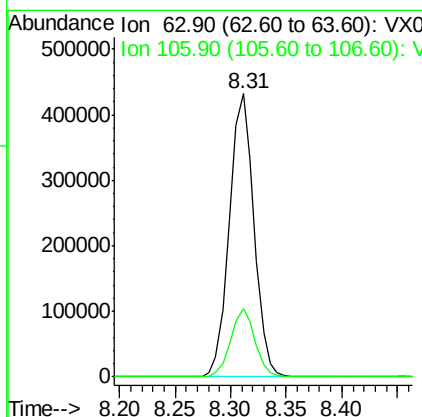
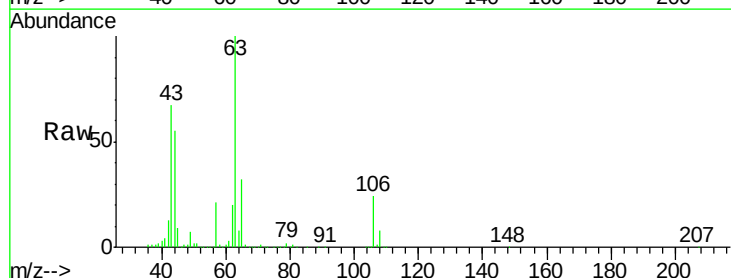
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

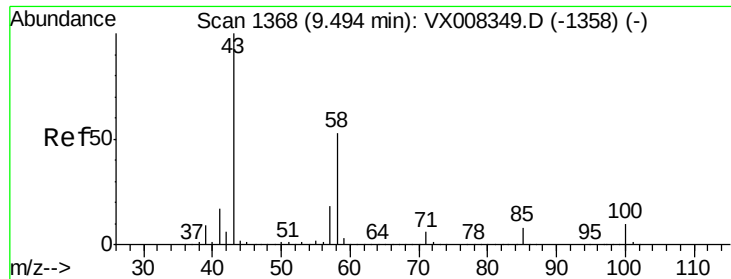
Tot Ion: 76 Resp: 232439
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.999 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion: 63 Resp: 659676
 Ion Ratio Lower Upper
 63 100
 106 23.7 22.2 33.2

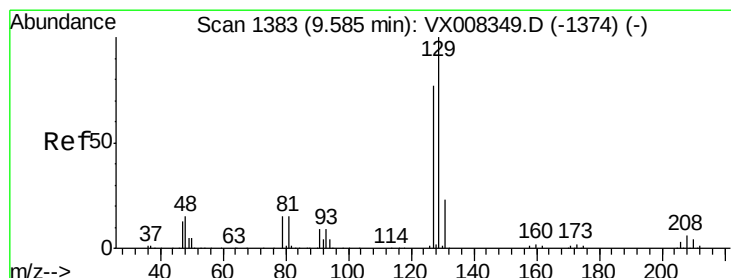
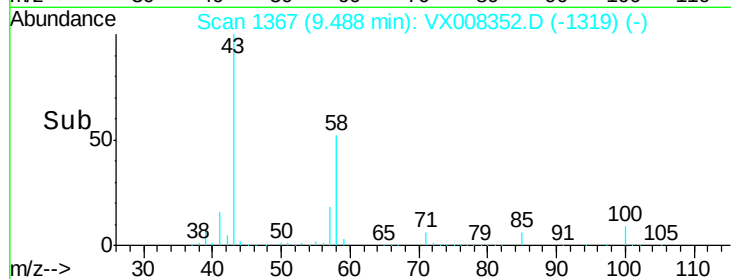
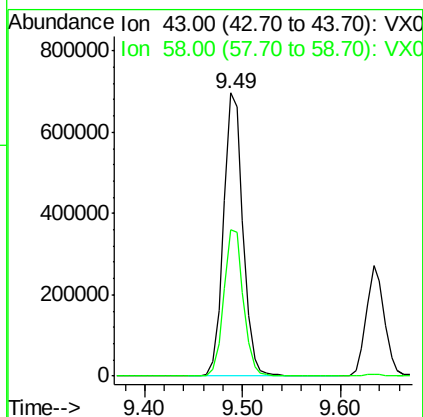
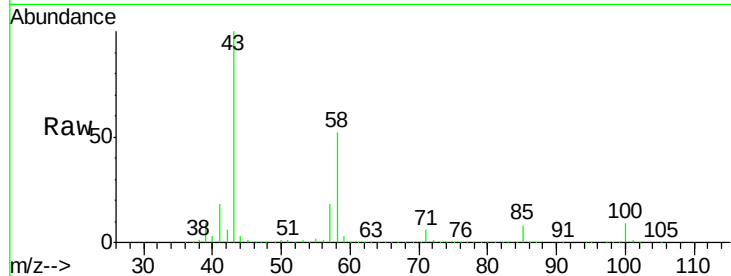




#59
2-Hexanone
Concen: 239.299 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

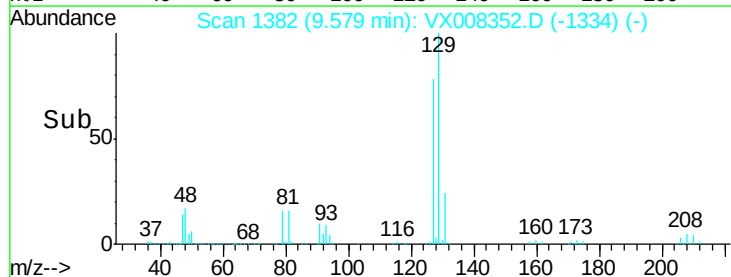
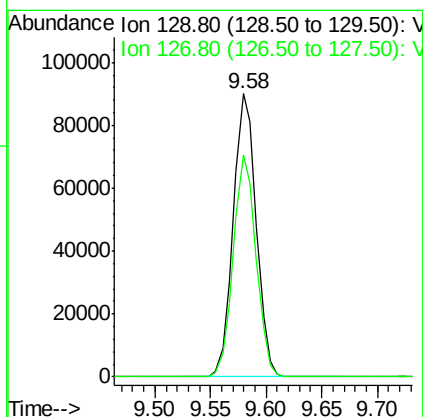
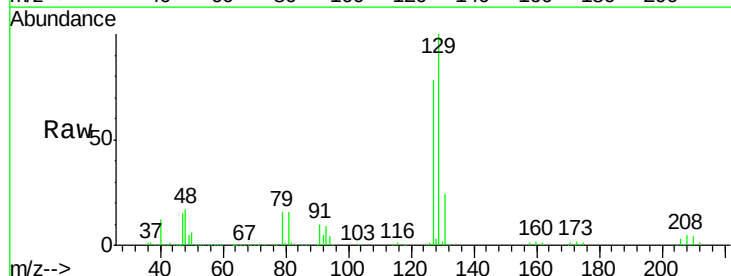
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

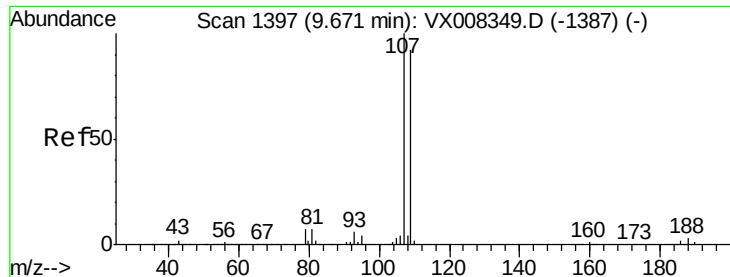
Tot Ion: 43 Resp: 954286
Ion Ratio Lower Upper
43 100
58 52.3 27.6 82.7



#60
Dibromochloromethane
Concen: 49.754 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 129 Resp: 128695
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 47.960 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

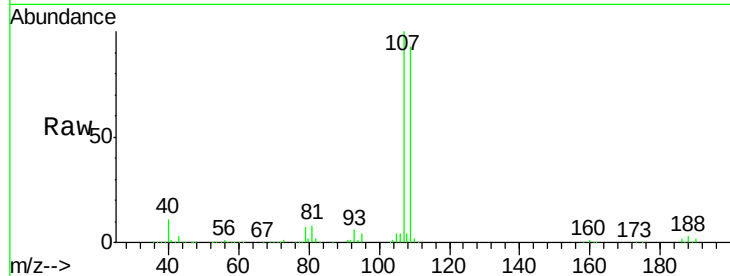
ICVVX032319

Tot Ion:107 Resp: 135641

Ion Ratio Lower Upper

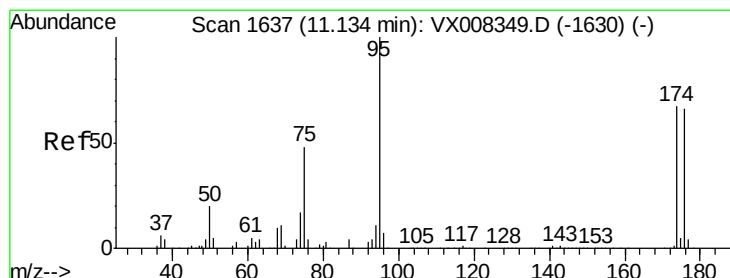
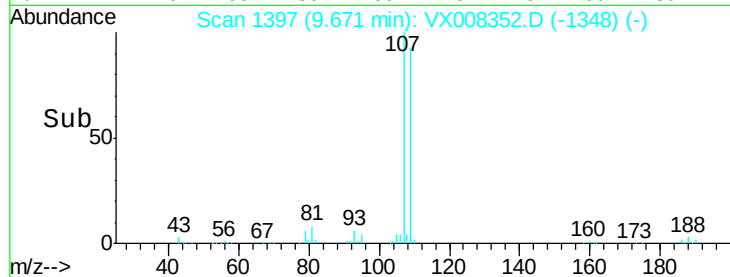
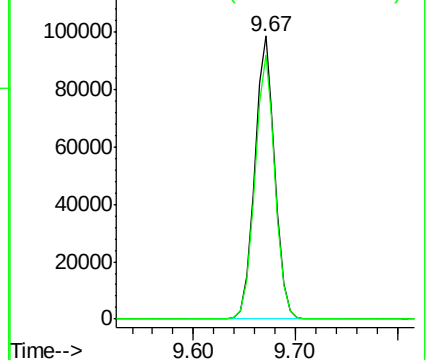
107 100

109 93.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.253 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

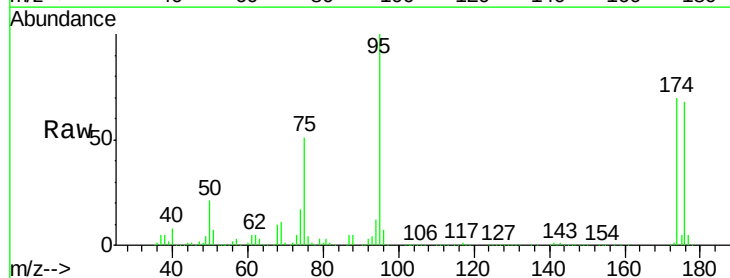
Tgt Ion: 95 Resp: 170378

Ion Ratio Lower Upper

95 100

174 74.2 0.0 182.8

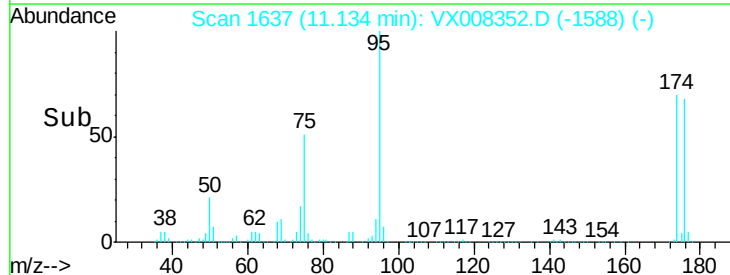
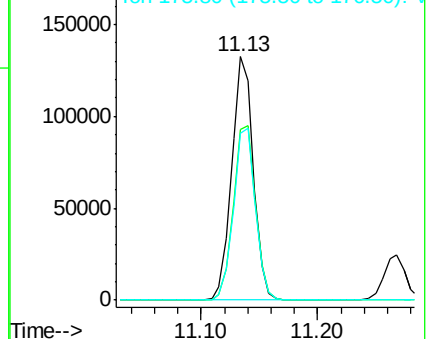
176 72.0 0.0 178.0

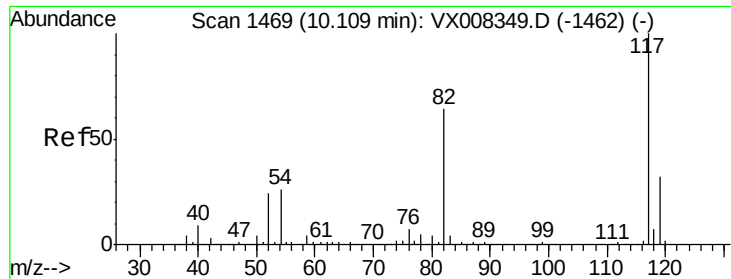


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

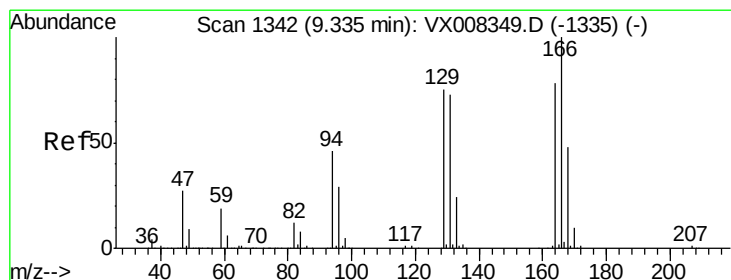
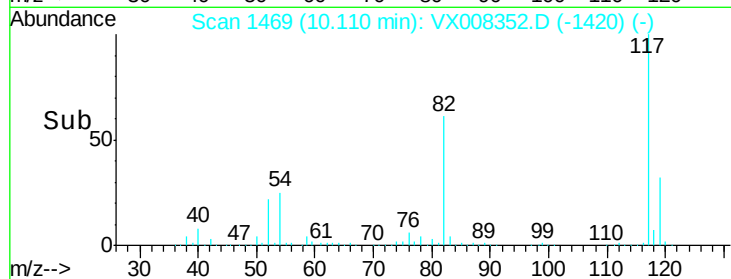
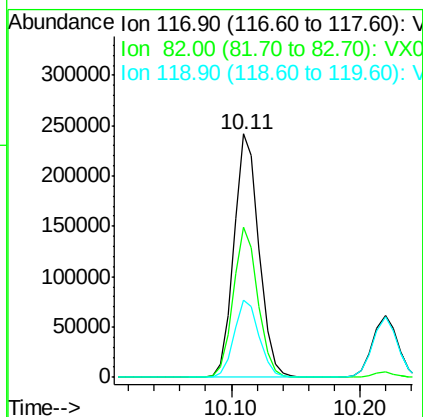
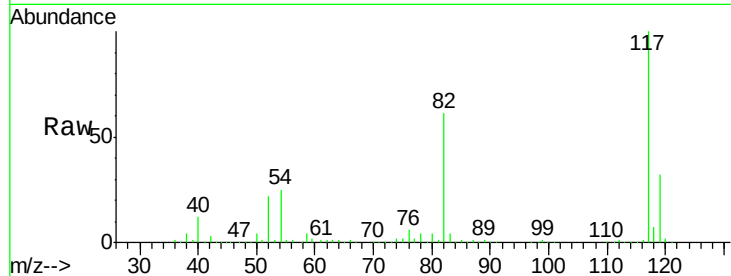




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

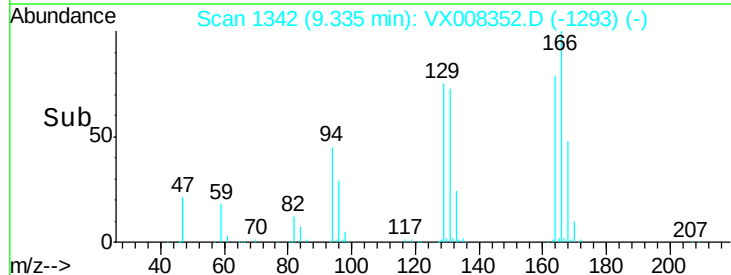
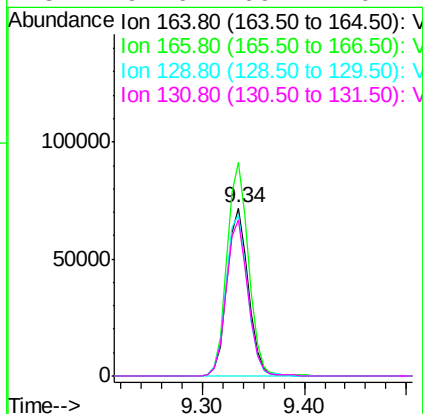
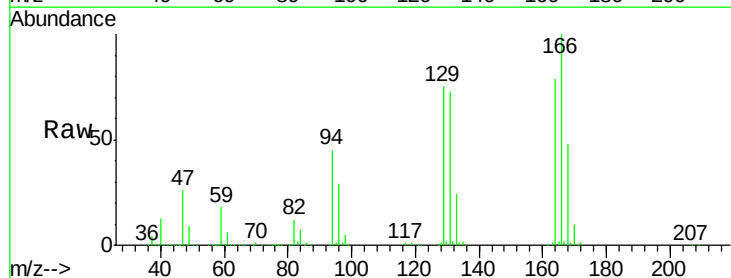
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

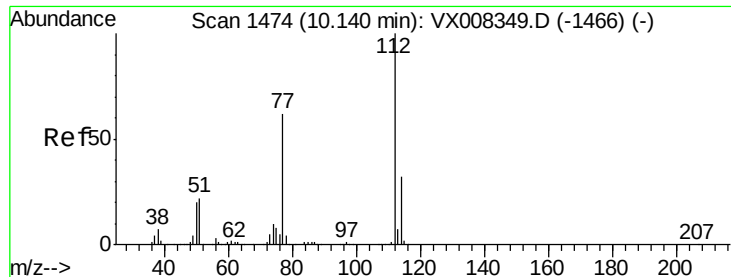
Tot Ion:117 Resp: 326493
Ion Ratio Lower Upper
117 100
82 61.4 44.3 66.5
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 48.424 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion:164 Resp: 103389
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 95.8 72.2 108.4
131 92.6 69.4 104.2

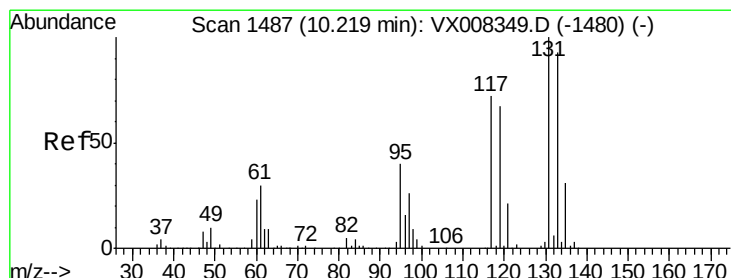
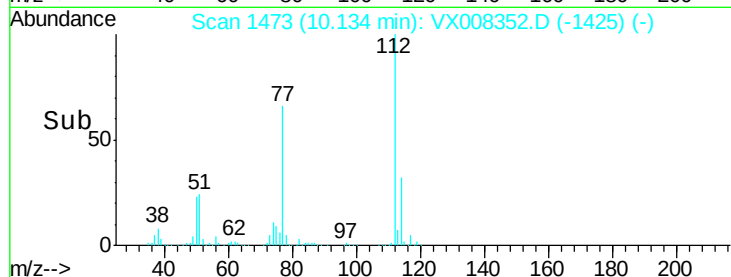
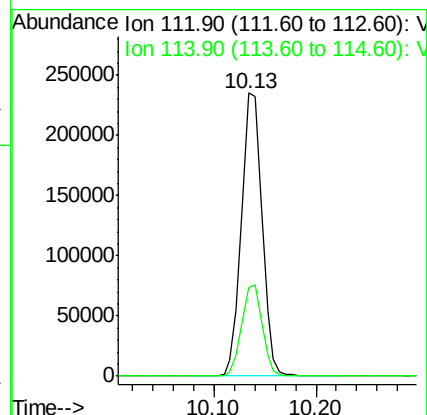
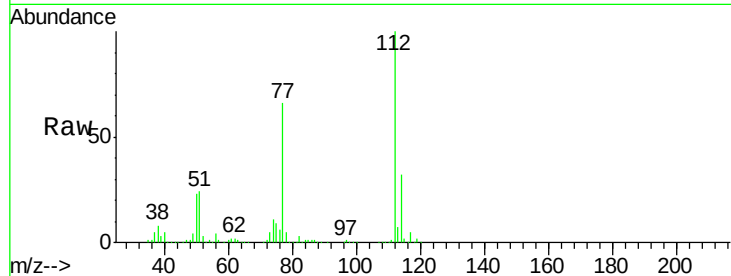




#65
Chlorobenzene
Concen: 47.902 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

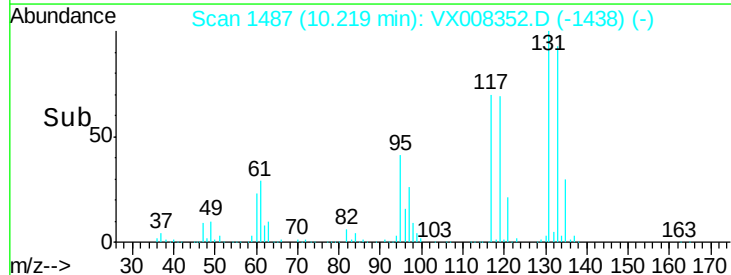
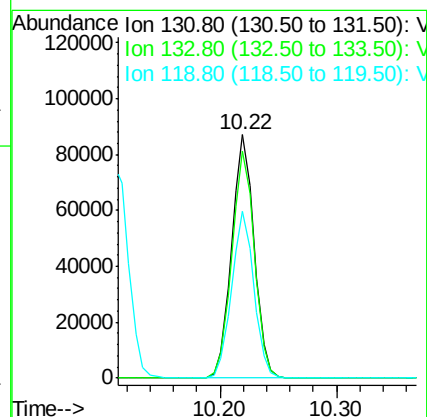
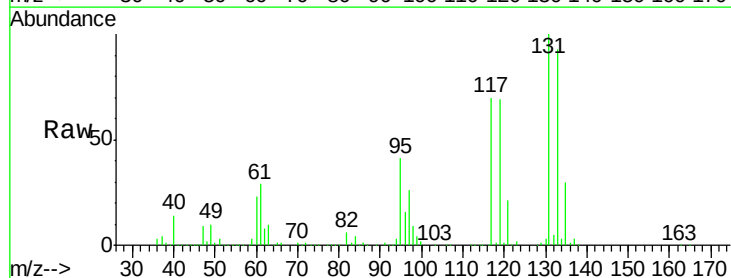
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

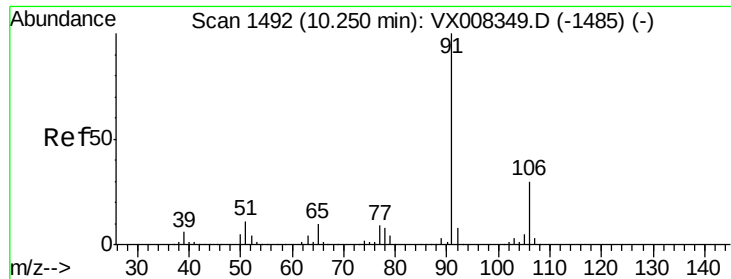
Tot Ion:112 Resp: 327997
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.072 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion:131 Resp: 116525
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.3
119 68.0 32.5 97.5





#67

Ethyl Benzene

Concen: 48.986 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

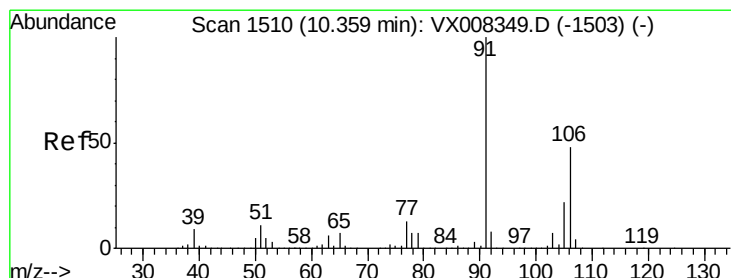
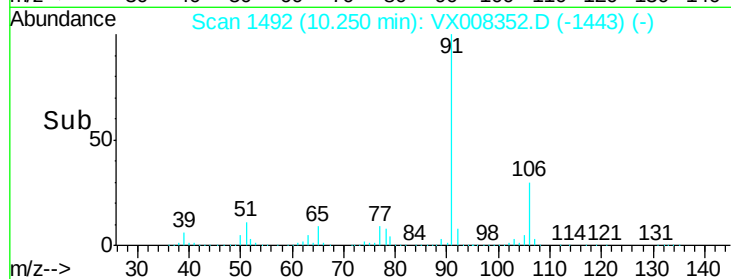
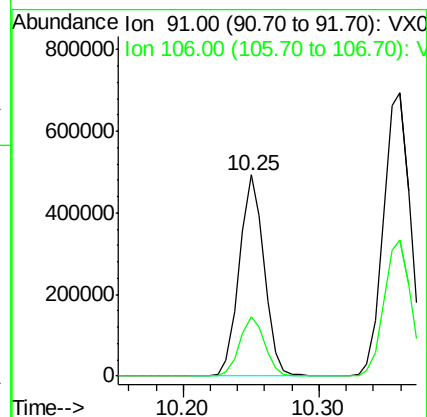
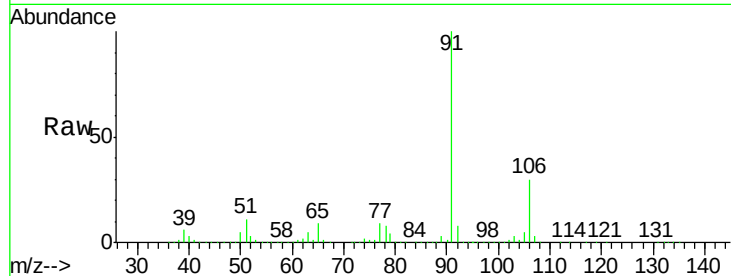
ICVVX032319

Tot Ion: 91 Resp: 628070

Ion Ratio Lower Upper

91 100

106 29.6 25.2 37.8



#68

m/p-Xylenes

Concen: 98.799 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008352.D

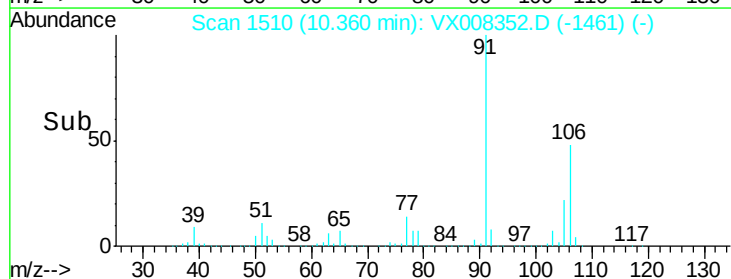
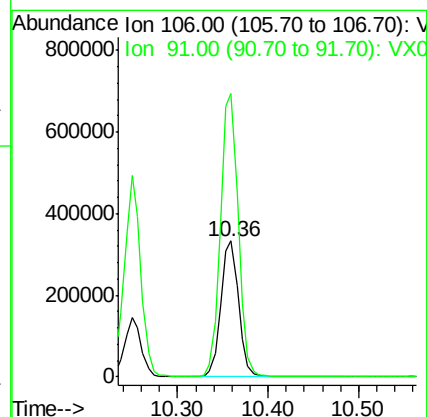
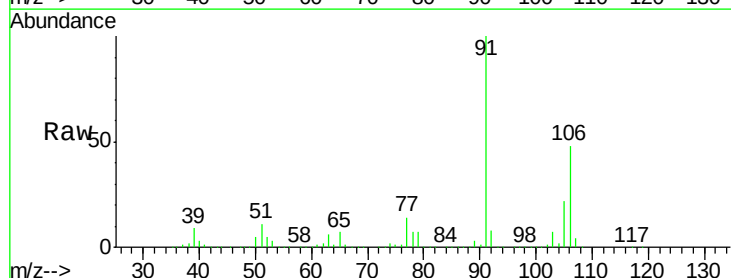
Acq: 23 Mar 2019 15:31

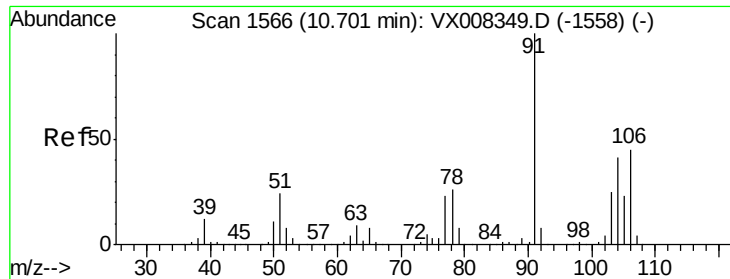
Tgt Ion: 106 Resp: 455137

Ion Ratio Lower Upper

106 100

91 210.2 159.8 239.6

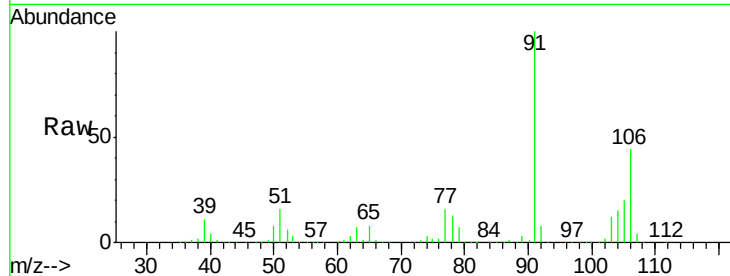




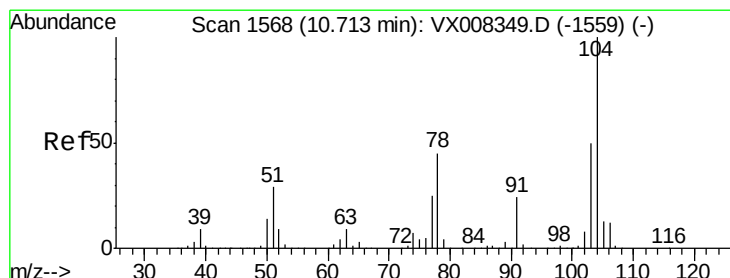
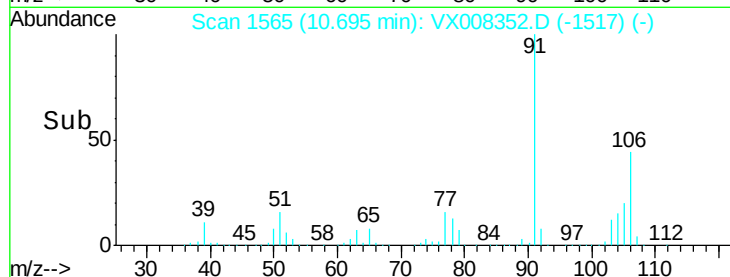
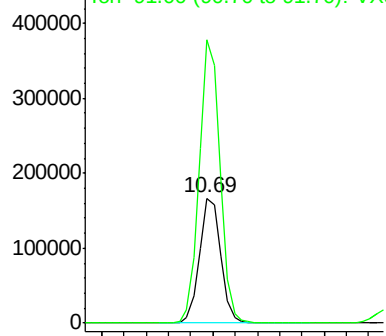
#69
o-Xylene
Concen: 48.699 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion:106 Resp: 219368
Ion Ratio Lower Upper
106 100
91 222.7 106.3 318.9

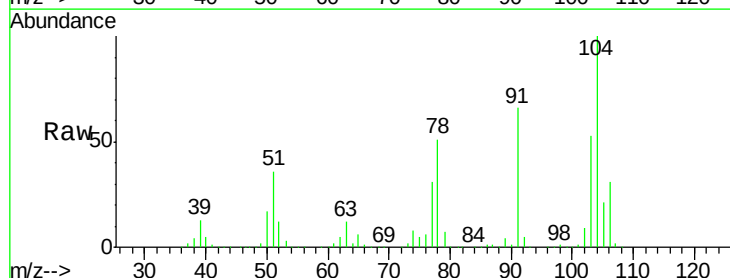


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

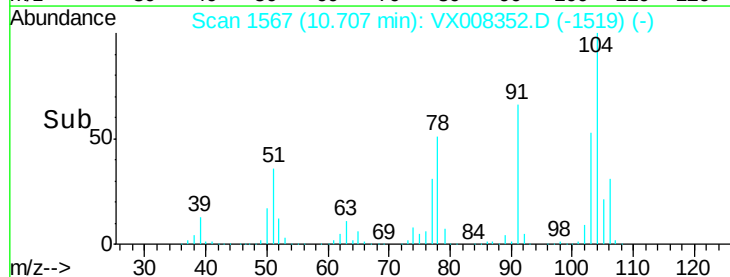
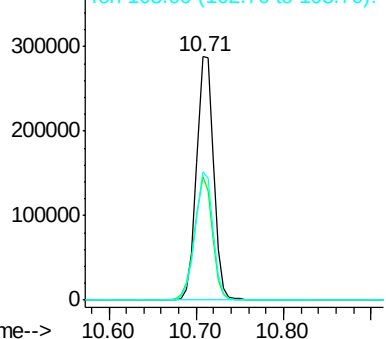


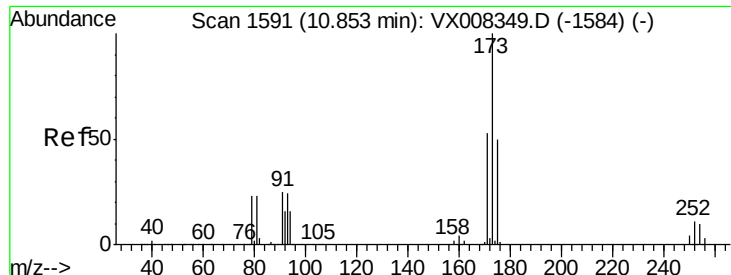
#70
Styrene
Concen: 49.721 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion:104 Resp: 388422
Ion Ratio Lower Upper
104 100
78 53.0 38.5 57.7
103 55.2 44.1 66.1



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





#71

Bromoform

Concen: 50.247 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

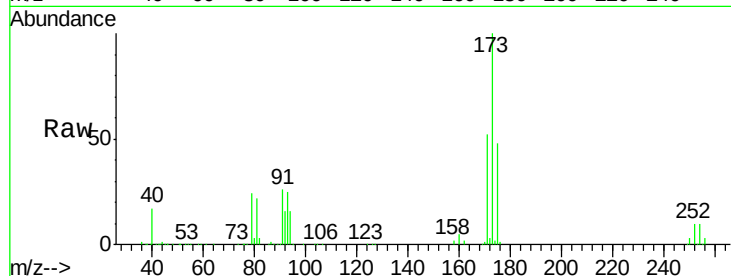
Tot Ion:173 Resp: 91912

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

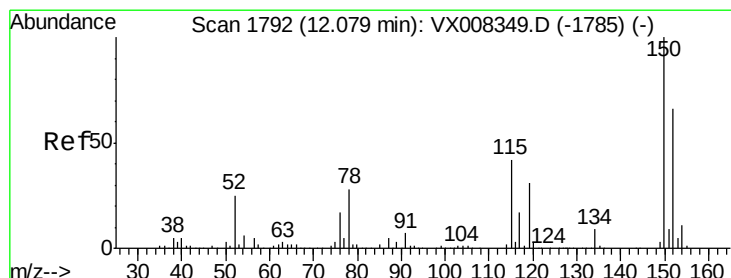
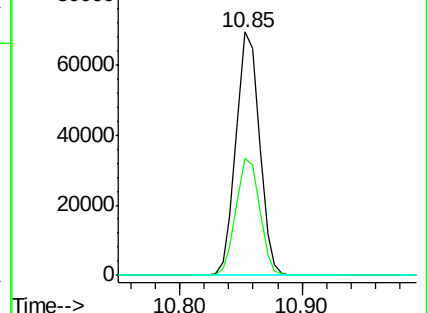
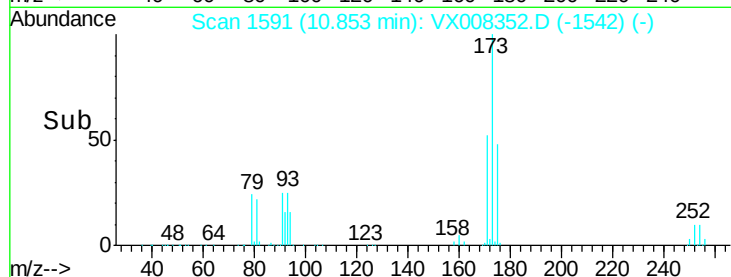
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

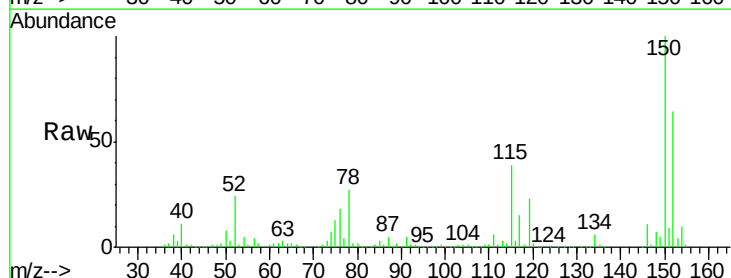
Tgt Ion:152 Resp: 159028

Ion Ratio Lower Upper

152 100

115 84.8 38.6 115.7

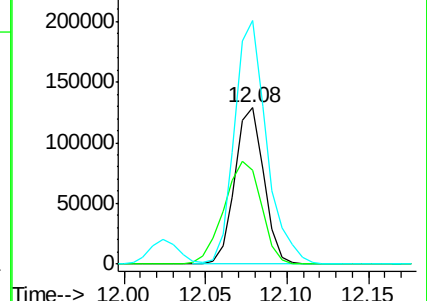
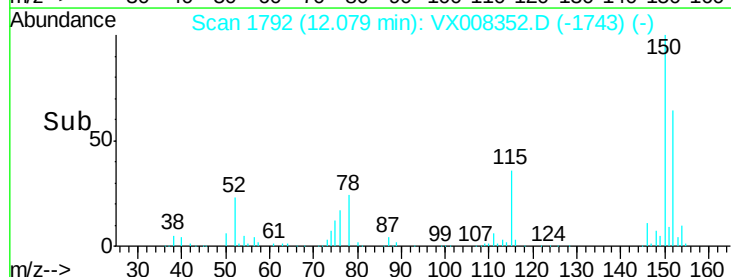
150 172.4 0.0 348.4

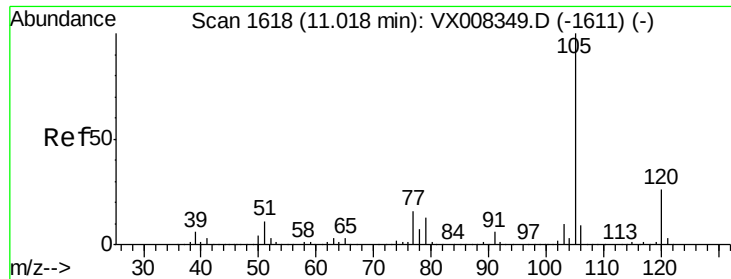


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.579 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

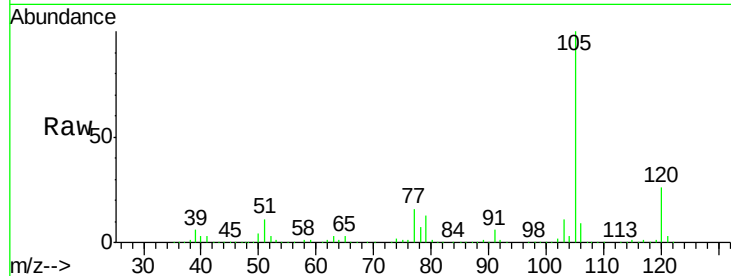
ICVVX032319

Tot Ion:105 Resp: 584575

Ion Ratio Lower Upper

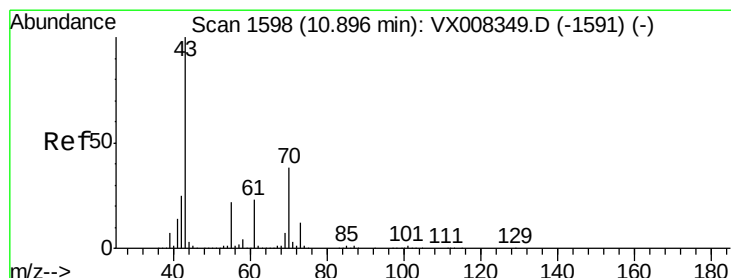
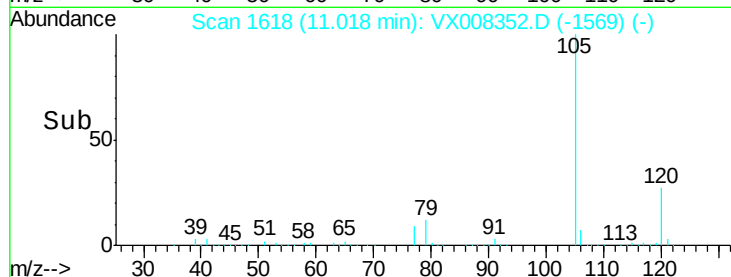
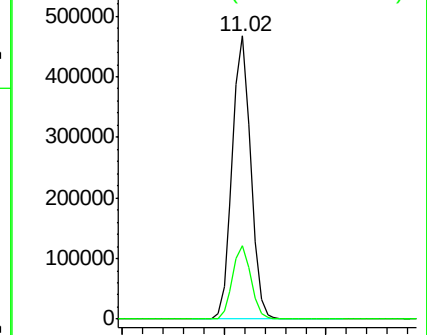
105 100

120 25.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.035 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion: 43 Resp: 352957

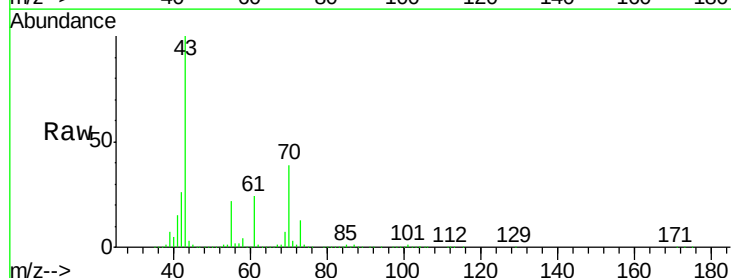
Ion Ratio Lower Upper

43 100

70 38.4 33.5 50.3

55 22.8 19.2 28.8

61 23.2 19.0 28.6

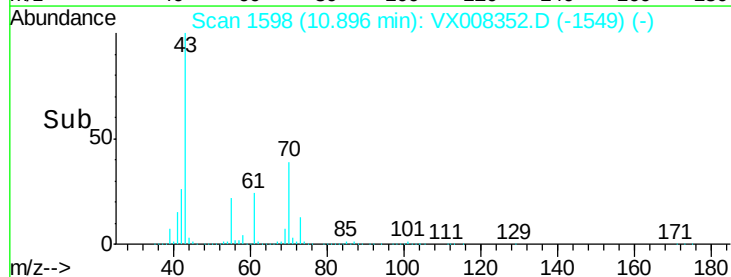
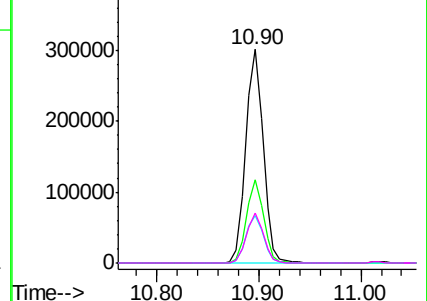


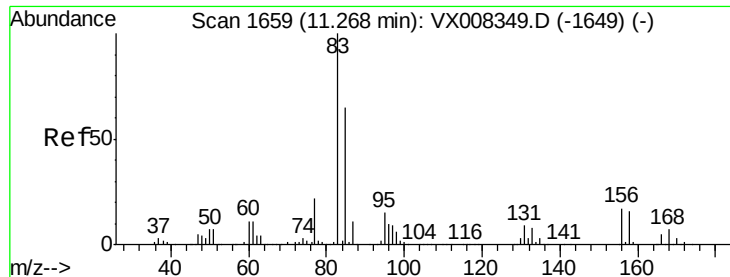
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.548 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

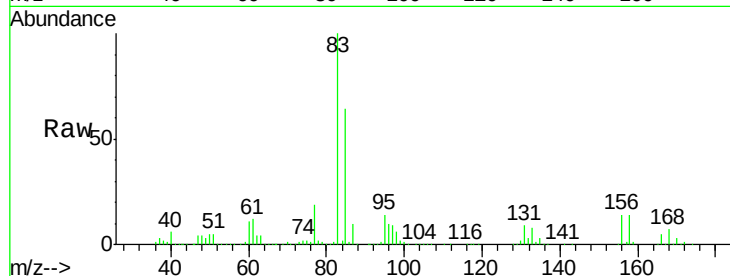
Tot Ion: 83 Resp: 222698

Ion Ratio Lower Upper

83 100

131 8.9 5.4 16.2

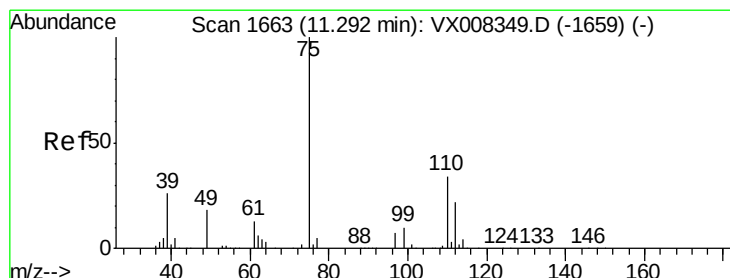
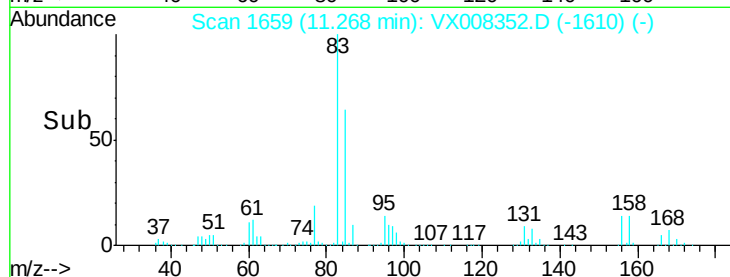
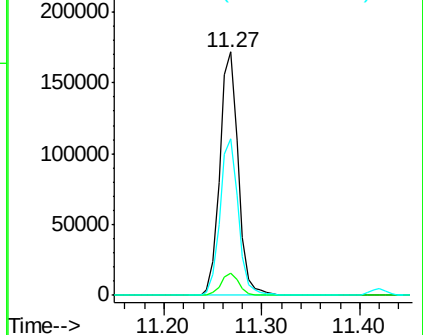
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.939 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008352.D

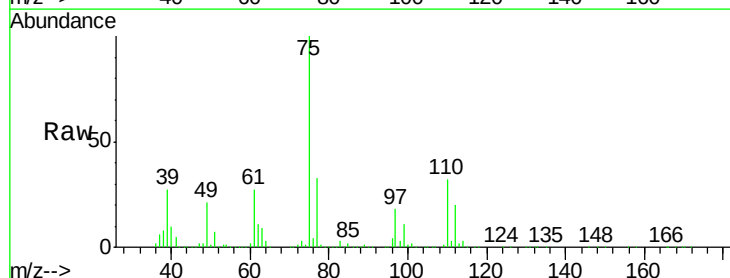
Acq: 23 Mar 2019 15:31

Tgt Ion: 75 Resp: 257825

Ion Ratio Lower Upper

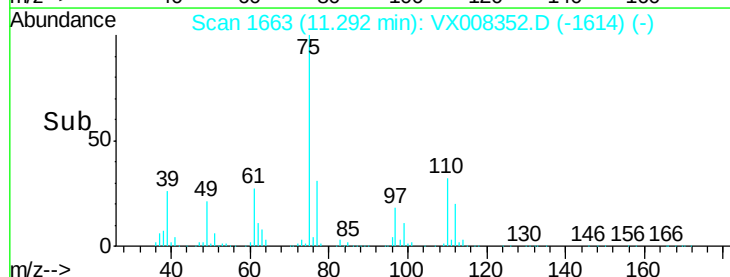
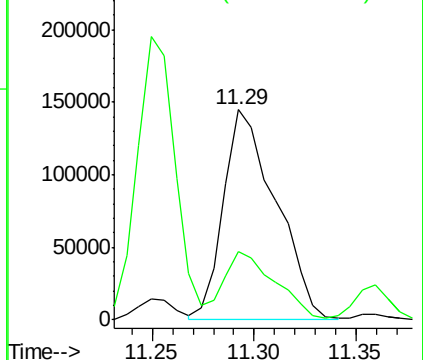
75 100

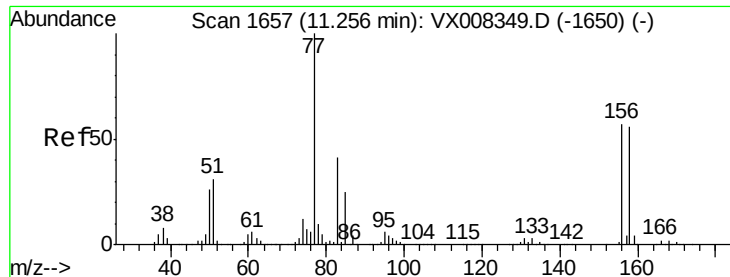
77 32.0 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.068 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

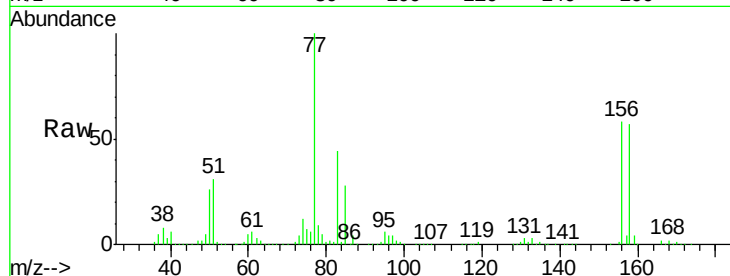
Tot Ion:156 Resp: 136801

Ion Ratio Lower Upper

156 100

77 185.1 72.0 215.9

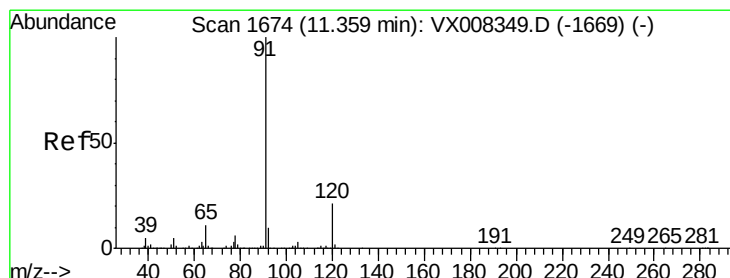
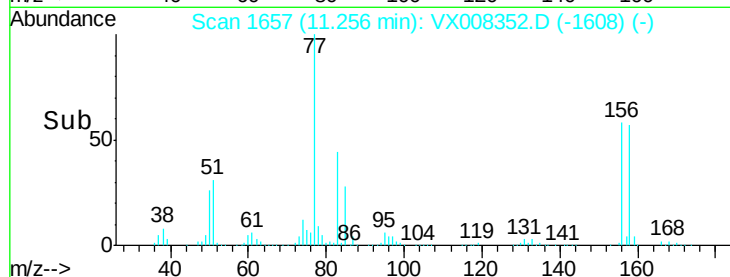
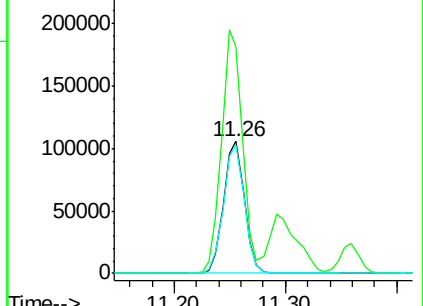
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.037 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008352.D

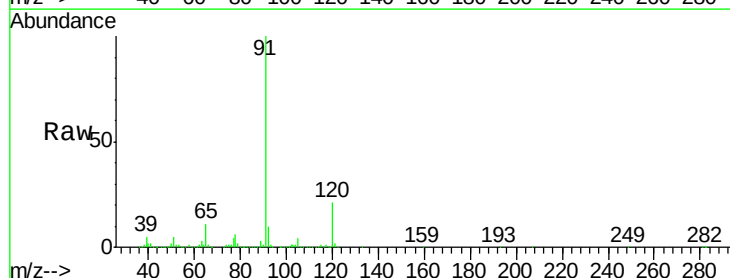
Acq: 23 Mar 2019 15:31

Tgt Ion: 91 Resp: 706596

Ion Ratio Lower Upper

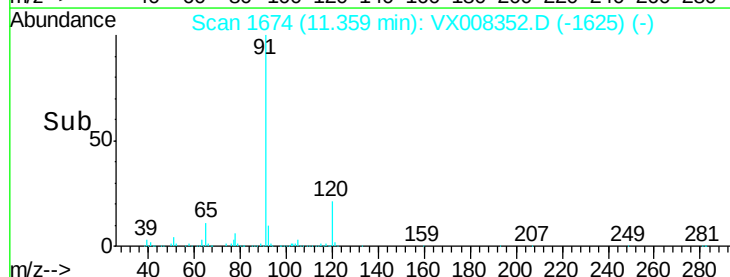
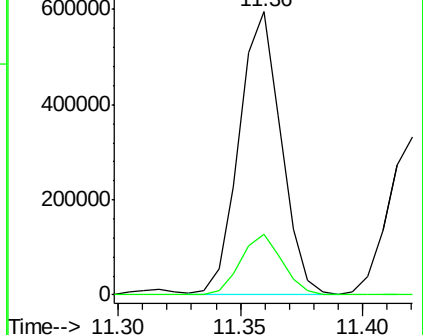
91 100

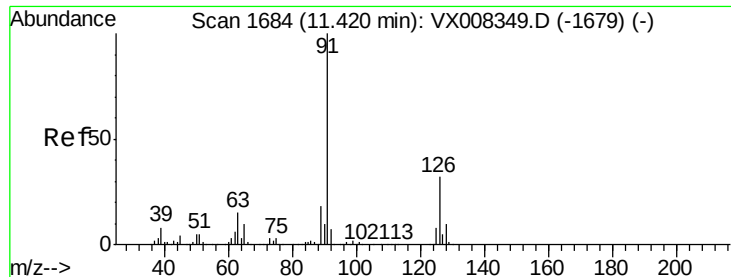
120 21.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.104 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

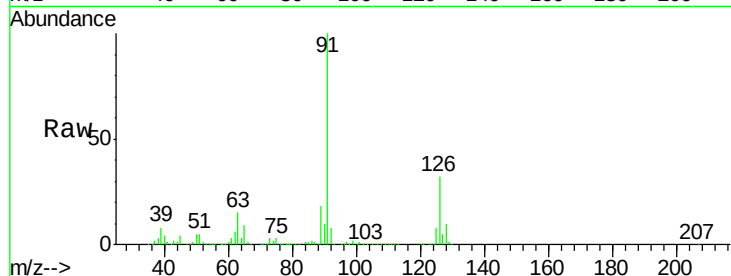
ICVVX032319

Tot Ion: 91 Resp: 413094

Ion Ratio Lower Upper

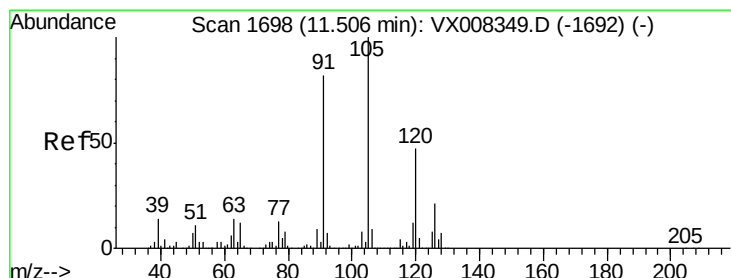
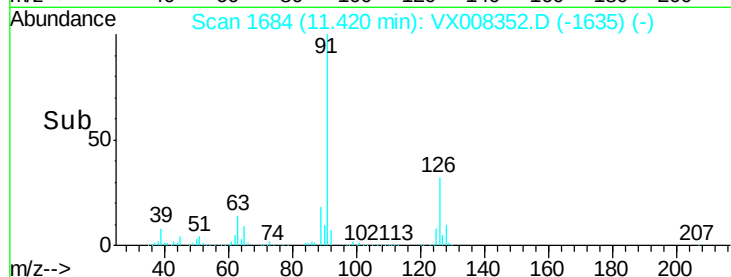
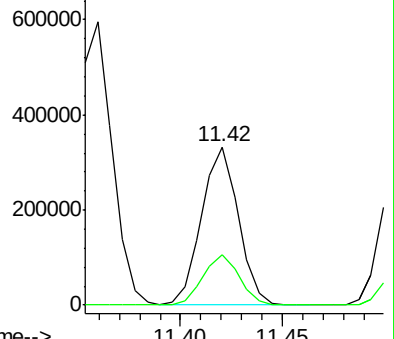
91 100

126 31.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.478 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008352.D

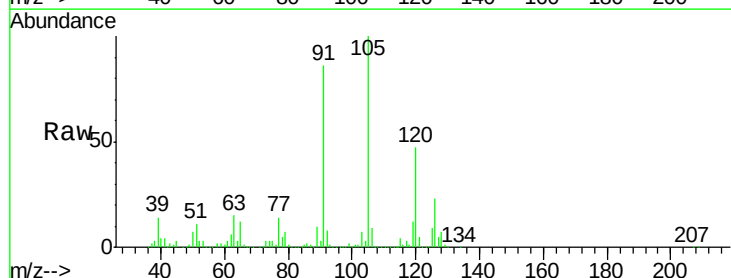
Acq: 23 Mar 2019 15:31

Tgt Ion:105 Resp: 506881

Ion Ratio Lower Upper

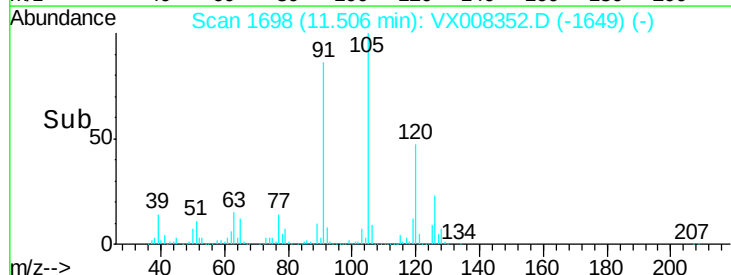
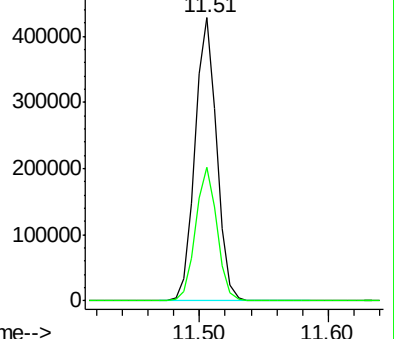
105 100

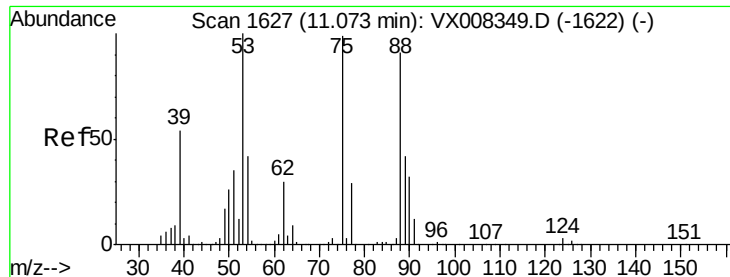
120 46.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.881 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

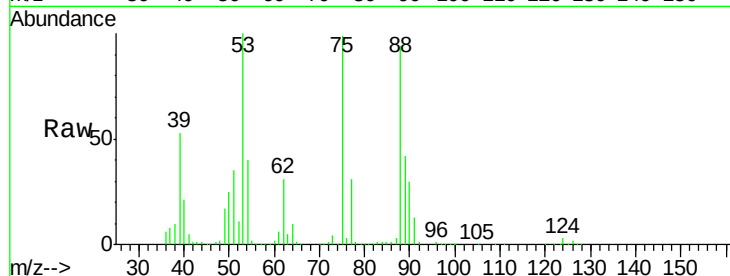
Tot Ion: 75 Resp: 72860

Ion Ratio Lower Upper

75 100

53 102.4 76.1 114.1

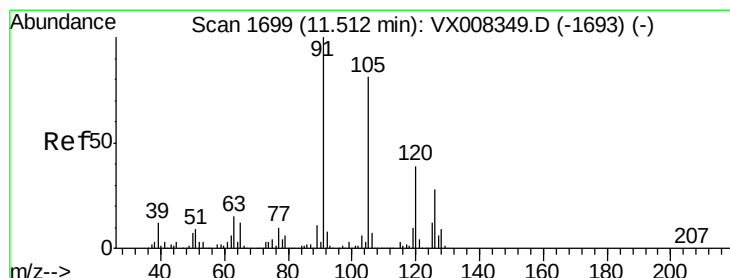
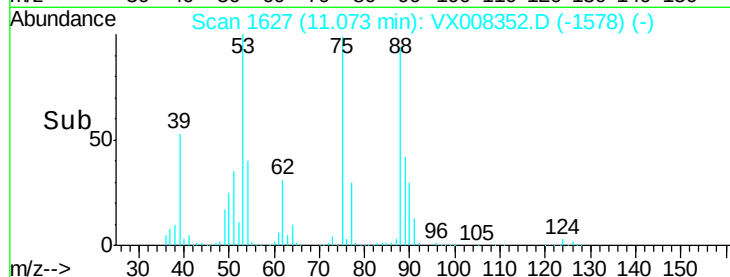
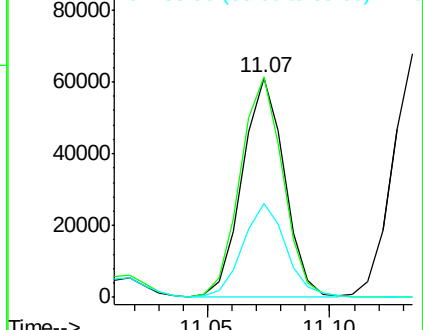
89 44.7 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.133 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008352.D

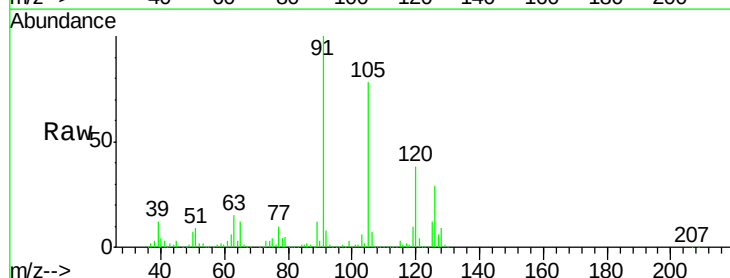
Acq: 23 Mar 2019 15:31

Tgt Ion: 91 Resp: 486620

Ion Ratio Lower Upper

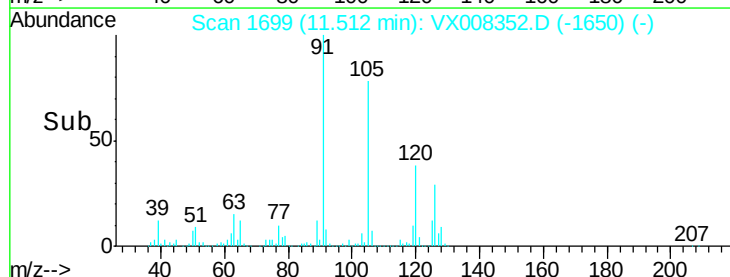
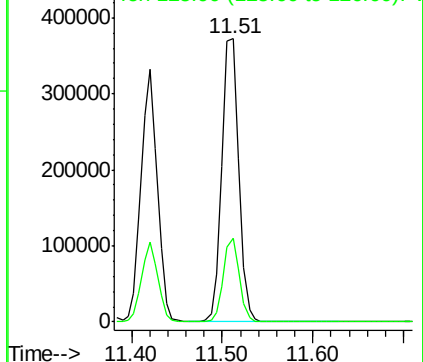
91 100

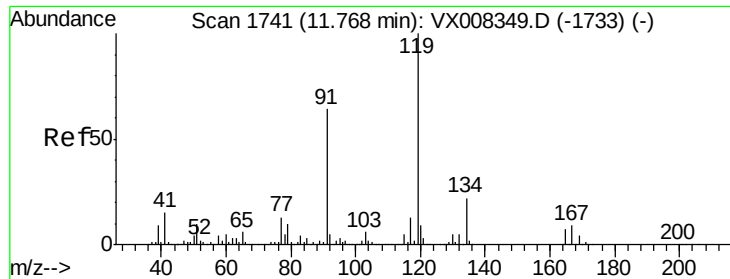
126 27.9 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

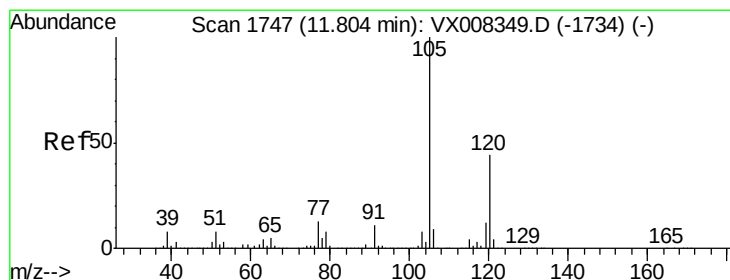
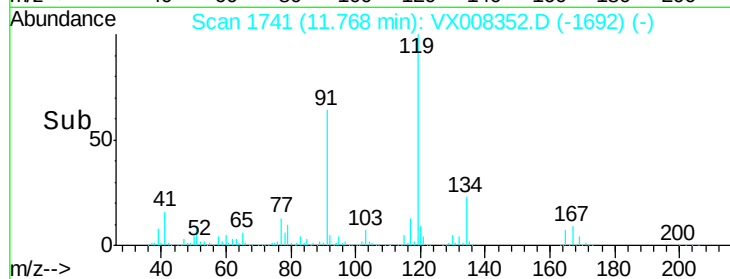
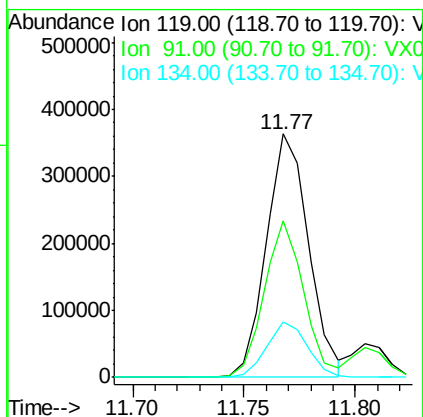
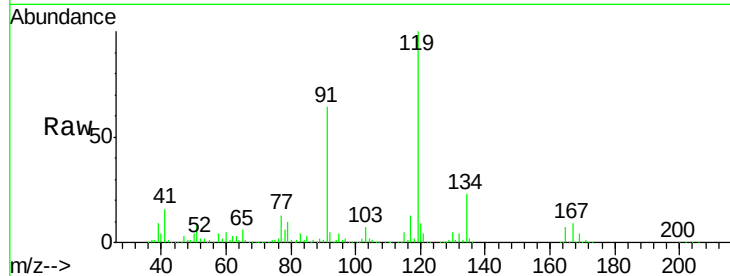




#83
 tert-Butylbenzene
 Concen: 47.207 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

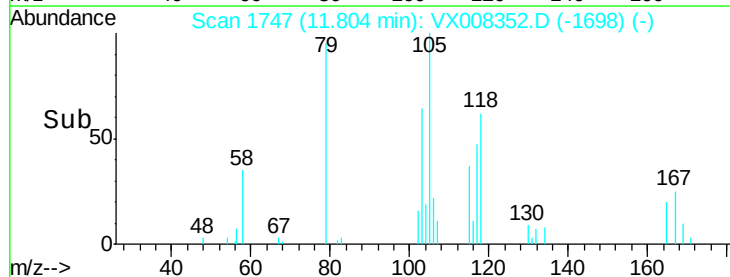
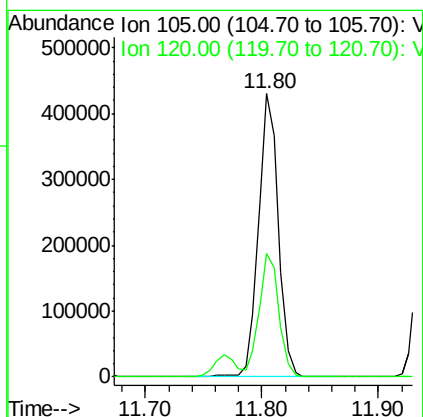
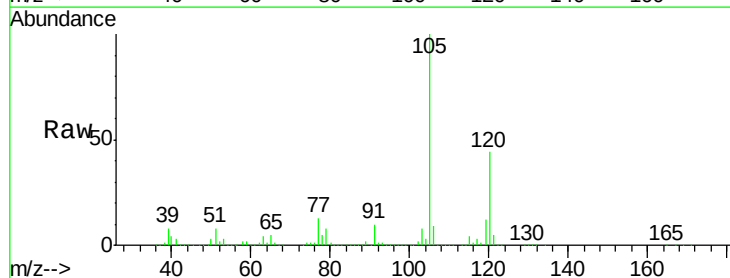
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

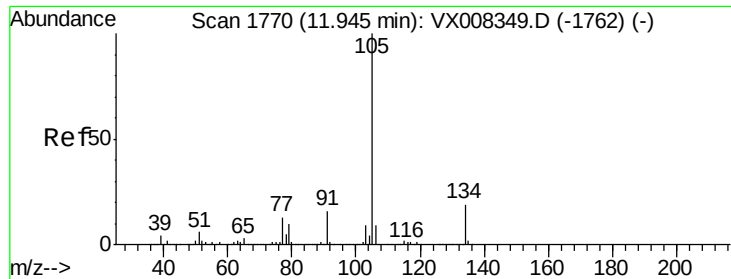
Tot Ion:119 Resp: 479933
 Ion Ratio Lower Upper
 119 100
 91 59.8 27.1 81.3
 134 22.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.937 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion:105 Resp: 510734
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 48.252 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

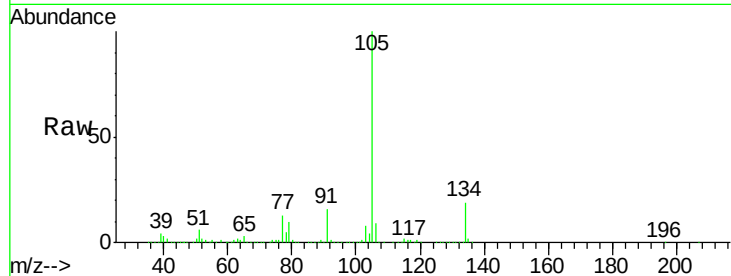
ICVVX032319

Tot Ion:105 Resp: 587931

Ion Ratio Lower Upper

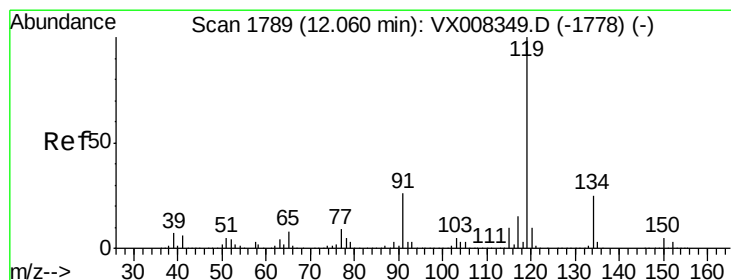
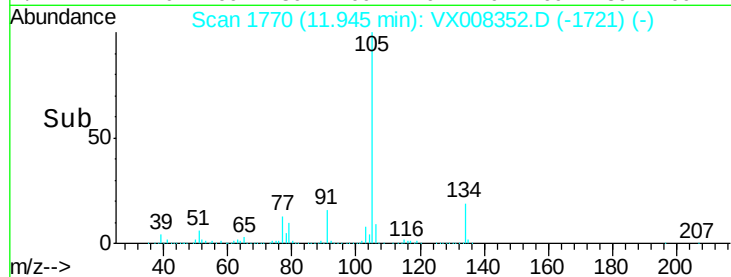
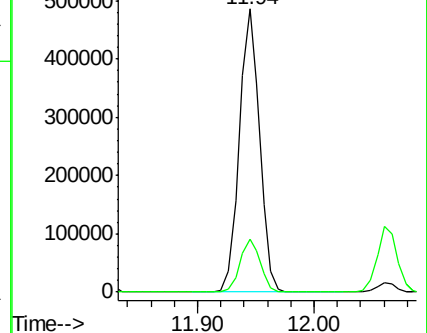
105 100

134 18.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.913 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

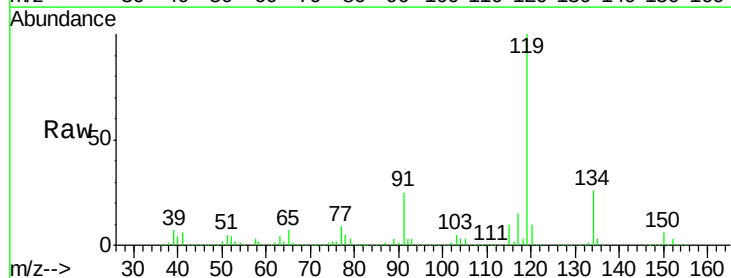
Tgt Ion:119 Resp: 525314

Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

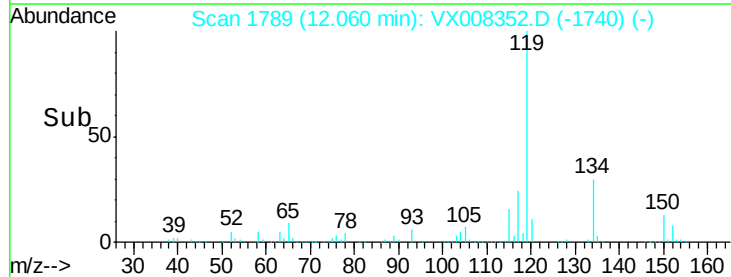
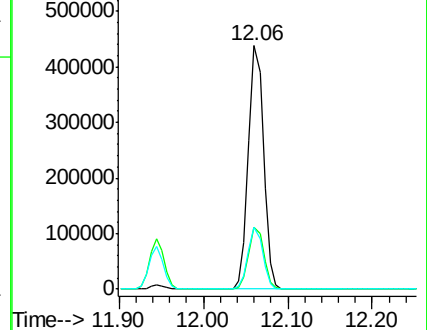
91 24.8 10.9 32.7

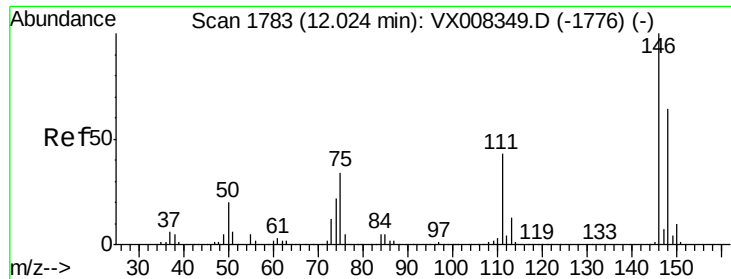


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

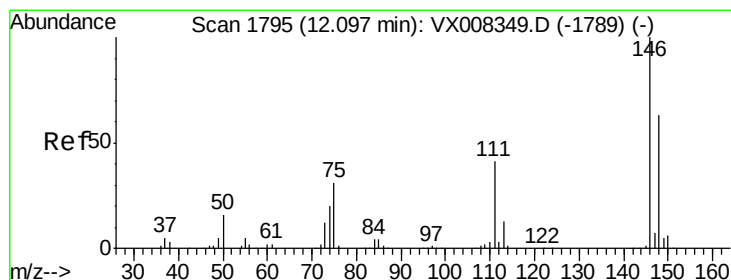
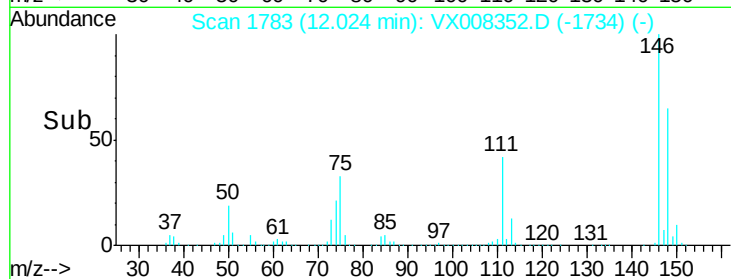
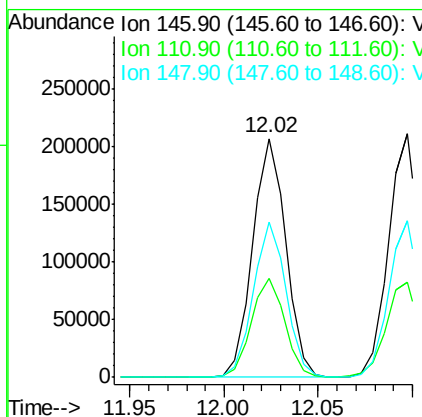
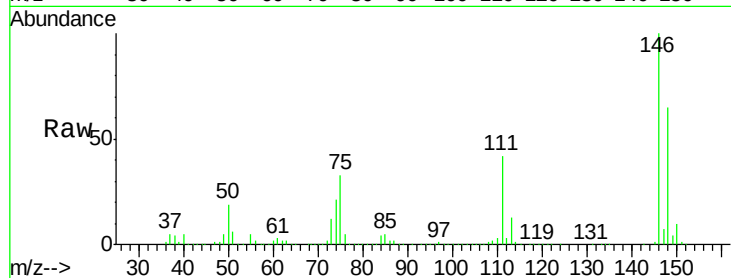




#87
 1,3-Dichlorobenzene
 Concen: 47.336 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

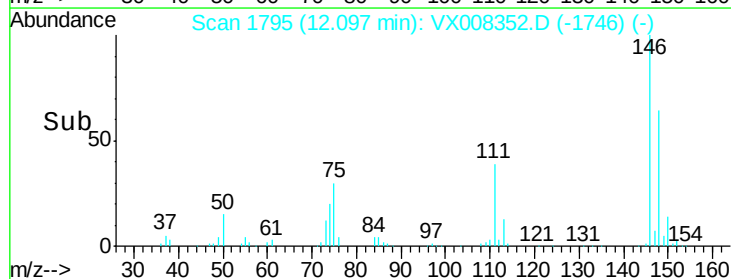
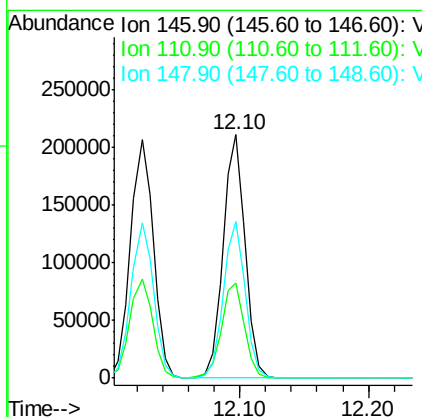
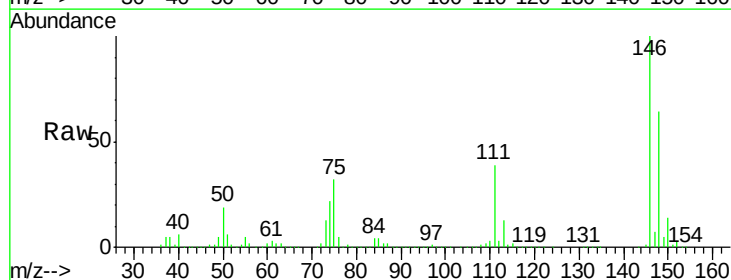
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

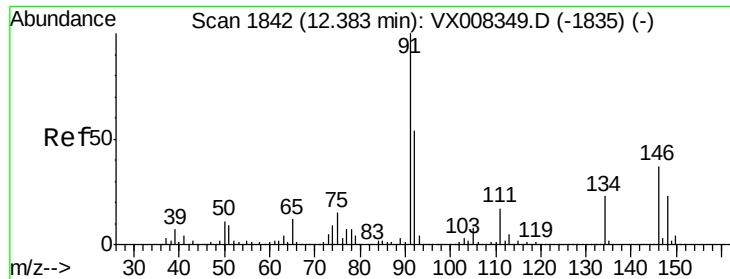
Tot Ion:146 Resp: 252461
 Ion Ratio Lower Upper
 146 100
 111 41.9 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.633 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion:146 Resp: 253063
 Ion Ratio Lower Upper
 146 100
 111 41.0 18.4 55.0
 148 64.0 32.2 96.6

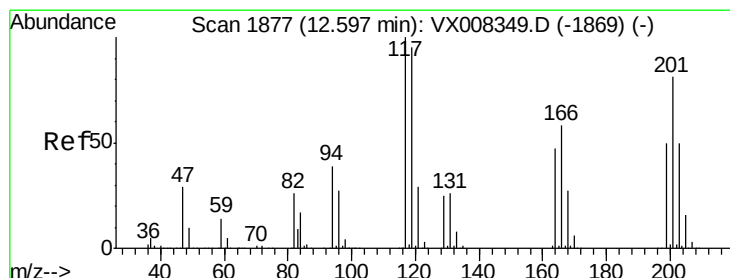
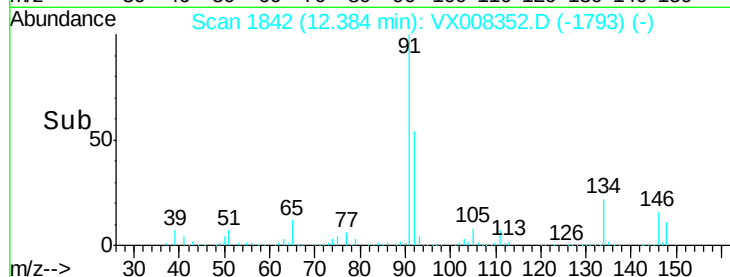
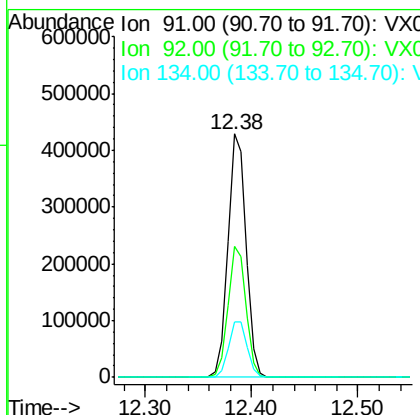
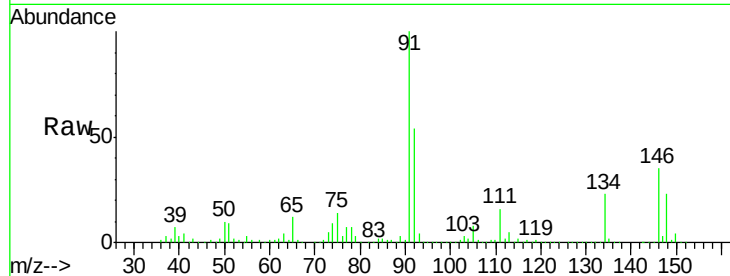




#89
n-Butylbenzene
Concen: 50.011 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

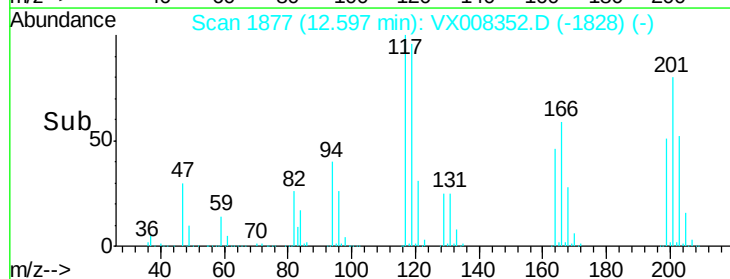
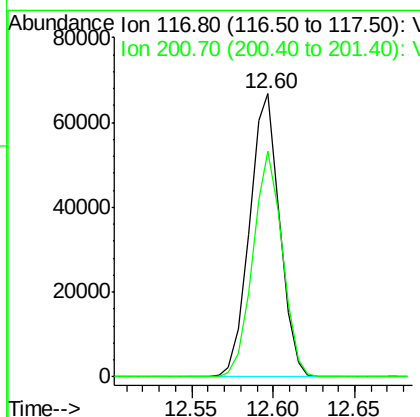
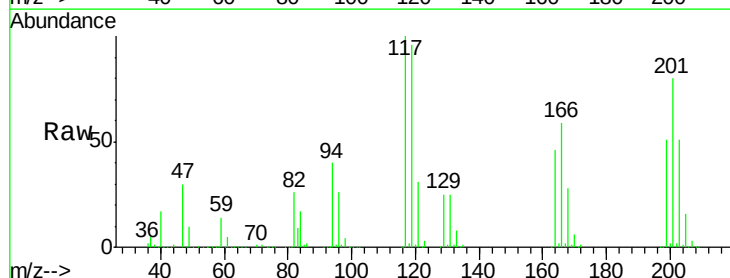
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

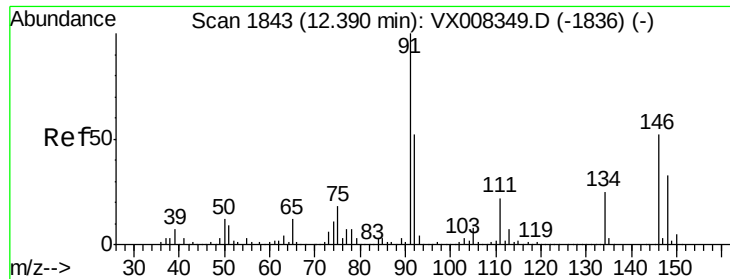
Tot Ion: 91 Resp: 512761
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 23.5 13.7 41.0



#90
Hexachloroethane
Concen: 48.297 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 117 Resp: 85681
Ion Ratio Lower Upper
117 100
201 78.2 48.9 146.7

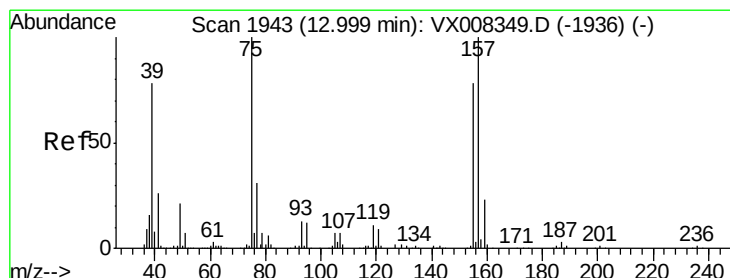
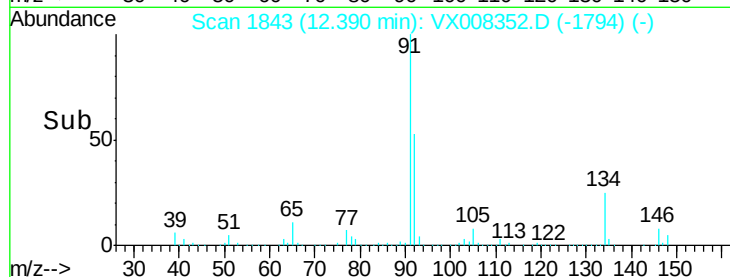
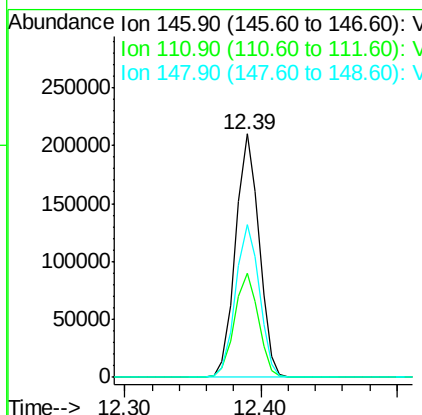
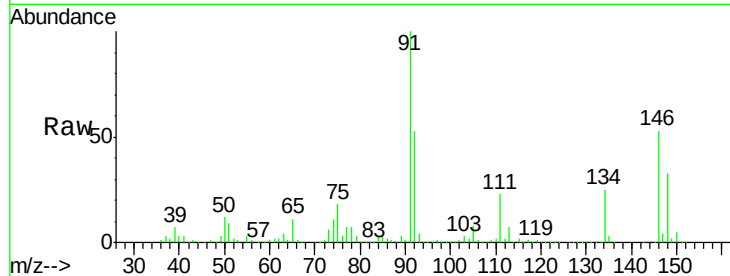




#91
 1,2-Dichlorobenzene
 Concen: 46.984 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

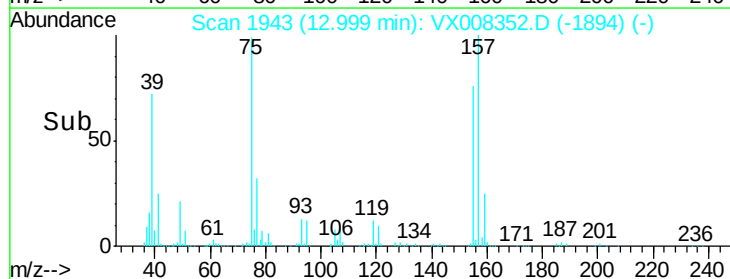
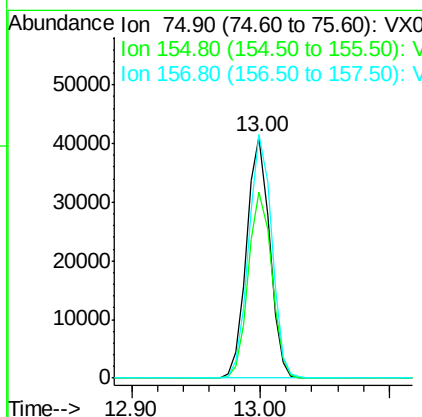
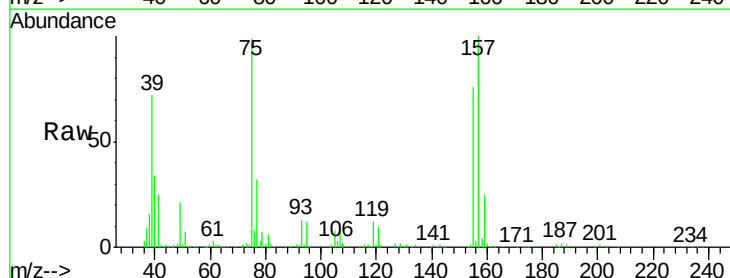
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

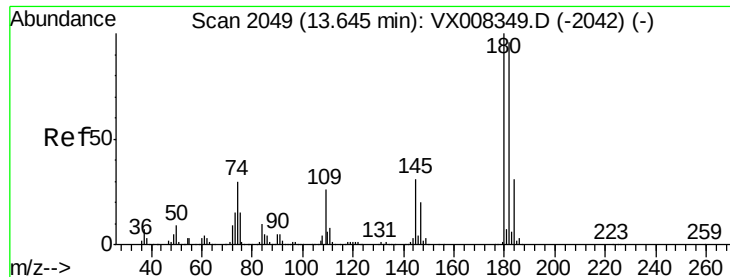
Tot Ion:146 Resp: 253788
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.6 58.8
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.353 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion: 75 Resp: 50452
 Ion Ratio Lower Upper
 75 100
 155 78.3 49.7 149.1
 157 100.6 63.8 191.4





#93

1,2,4-Trichlorobenzene

Concen: 49.514 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

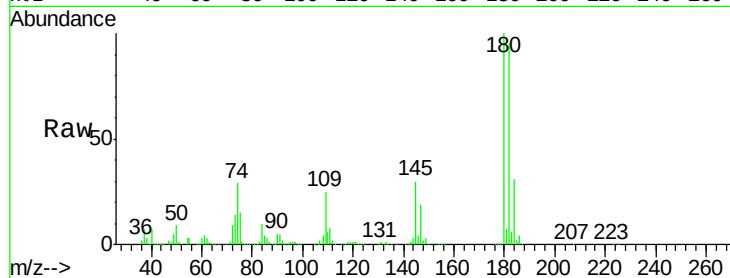
Tot Ion:180 Resp: 180356

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

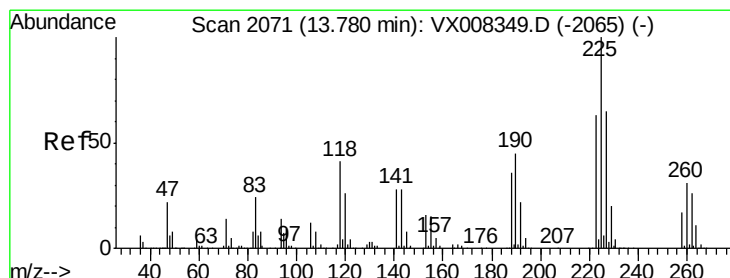
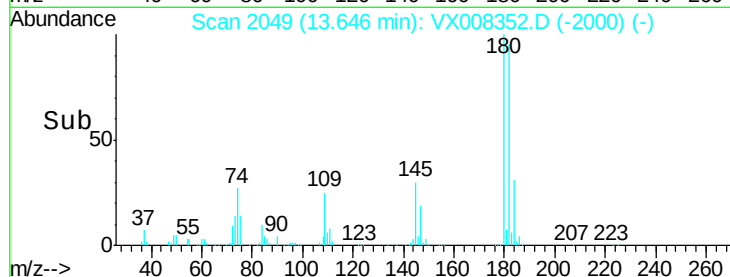
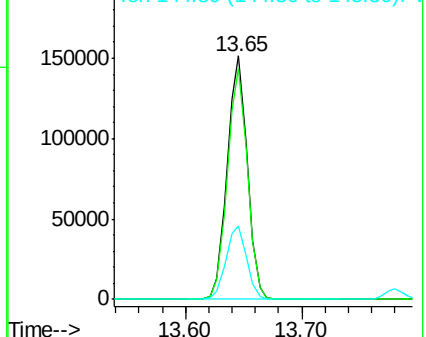
145 30.7 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 50.394 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

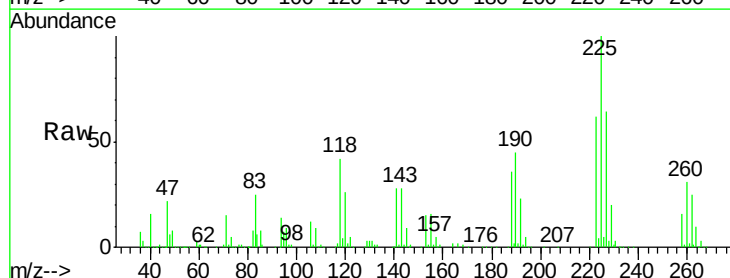
Tgt Ion:225 Resp: 86748

Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

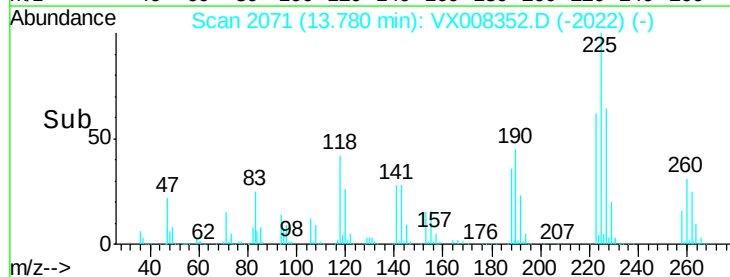
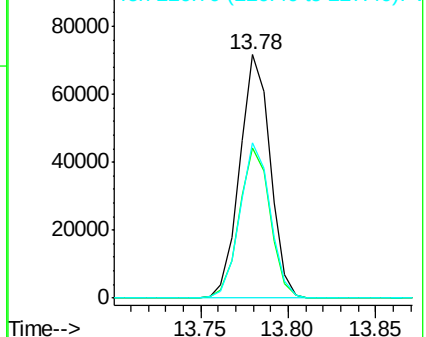
227 63.6 32.0 96.0

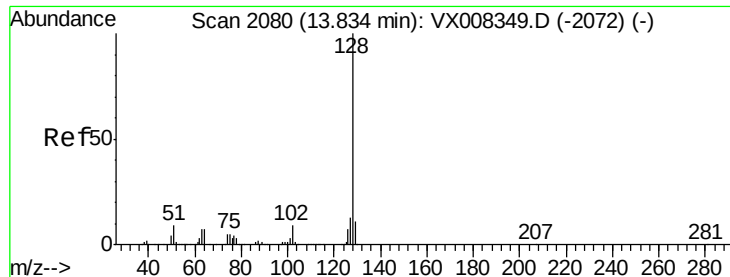


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.414 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

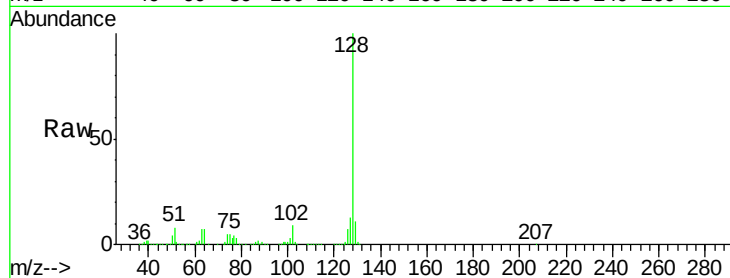
Tot Ion:128 Resp: 619281

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

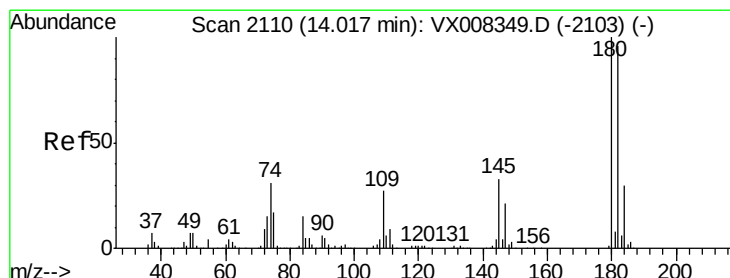
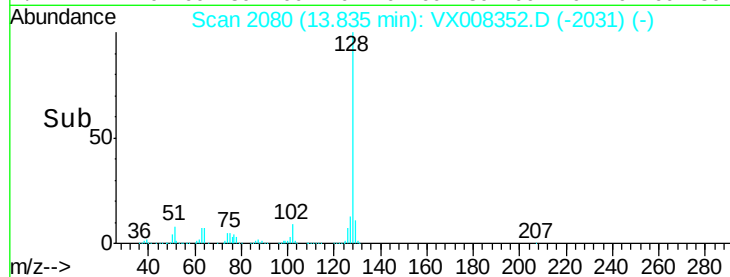
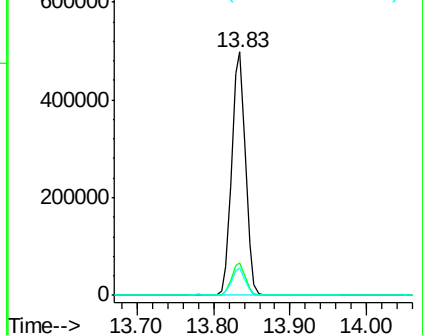
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.319 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

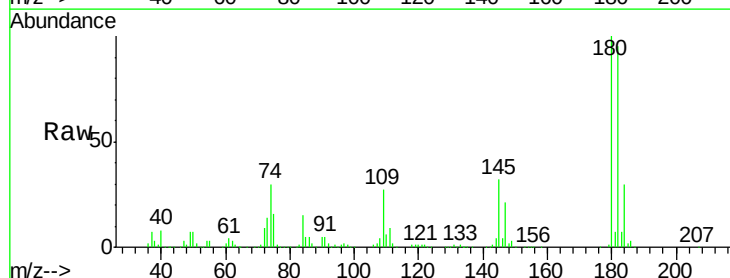
Tgt Ion:180 Resp: 181274

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

145 32.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

