

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
 Data File : VX011052.D
 Acq On : 23 Jul 2019 12:08
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 05:01:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119603	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.49	113	107442	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.71	98	400502	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	151266	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	49187	19.223	ug/l	99
3) Chloromethane	1.32	50	41064	18.279	ug/l	95
4) Vinyl Chloride	1.41	62	43458	18.966	ug/l	98
5) Bromomethane	1.64	94	24714	19.140	ug/l	95
6) Chloroethane	1.72	64	26359	18.102	ug/l	97
7) Trichlorofluoromethane	1.93	101	76432	19.705	ug/l	98
8) Diethyl Ether	2.19	74	25153	18.821	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44546	20.114	ug/l	98
10) Methyl Iodide	2.51	142	53399	18.374	ug/l	99
11) Tert butyl alcohol	3.04	59	58686	96.961	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40968	18.828	ug/l	96
13) Acrolein	2.29	56	26303	75.217	ug/l	100
14) Allyl chloride	2.73	41	61605	19.491	ug/l	97
15) Acrylonitrile	3.14	53	116181	94.995	ug/l	99
16) Acetone	2.44	43	120776	102.896	ug/l	97
17) Carbon Disulfide	2.57	76	95896	17.181	ug/l	98
18) Methyl Acetate	2.77	43	53423	19.988	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	138047	19.707	ug/l	98
20) Methylene Chloride	2.85	84	46238	18.588	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	43961	19.041	ug/l	99
22) Diisopropyl ether	3.85	45	129921	19.490	ug/l	95
23) Vinyl Acetate	3.81	43	550562	97.478	ug/l	100
24) 1,1-Dichloroethane	3.70	63	73342	18.945	ug/l	99
25) 2-Butanone	4.67	43	167522	99.423	ug/l	99
26) 2,2-Dichloropropane	4.58	77	61931	19.483	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50866	19.036	ug/l	99
28) Bromochloromethane	5.02	49	34136	18.712	ug/l	99
29) Tetrahydrofuran	5.13	42	101781	95.363	ug/l	100
30) Chloroform	5.21	83	80492	19.236	ug/l	95
31) Cyclohexane	5.57	56	66885	18.955	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	69798	19.280	ug/l	98
36) 1,1-Dichloropropene	5.80	75	58824	20.038	ug/l	99
37) Ethyl Acetate	4.83	43	57087	18.991	ug/l	99
38) Carbon Tetrachloride	5.78	117	60454	19.763	ug/l	97

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 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 05:01:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75052	19.715	ug/l	98
40) Benzene	6.14	78	175778	19.548	ug/l	98
41) Methacrylonitrile	5.04	41	31785	18.627	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63447	20.293	ug/l	98
43) Isopropyl Acetate	6.44	43	95953	19.413	ug/l	99
44) Trichloroethene	7.21	130	51797	19.460	ug/l	91
45) 1,2-Dichloropropane	7.51	63	44662	19.514	ug/l	99
46) Dibromomethane	7.66	93	32329	19.768	ug/l	99
47) Bromodichloromethane	7.90	83	58881	20.226	ug/l	96
48) Methyl methacrylate	7.77	41	46397	19.269	ug/l	97
49) 1,4-Dioxane	7.74	88	26681	396.138	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	319325	99.663	ug/l	100
52) Toluene	8.78	92	116643	19.746	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60847	19.438	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	68700	19.723	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	20.072	ug/l	99
56) Ethyl methacrylate	9.18	69	71574	20.117	ug/l	98
57) 1,3-Dichloropropane	9.37	76	75851	19.658	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	162530	95.696	ug/l	100
59) 2-Hexanone	9.49	43	254623	102.459	ug/l	99
60) Dibromochloromethane	9.58	129	49597	19.350	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51007	19.760	ug/l	99
64) Tetrachloroethene	9.34	164	51197	20.173	ug/l	96
65) Chlorobenzene	10.13	112	132435	19.987	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	46806	20.099	ug/l	97
67) Ethyl Benzene	10.25	91	225577	20.001	ug/l	99
68) m/p-Xylenes	10.36	106	174322	40.294	ug/l	99
69) o-Xylene	10.69	106	84487	20.010	ug/l	100
70) Styrene	10.71	104	143761	20.425	ug/l	99
71) Bromoform	10.85	173	35803	18.574	ug/l #	99
73) Isopropylbenzene	11.02	105	231561	19.590	ug/l	98
74) N-amyl acetate	10.90	43	87868	19.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74990	19.386	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	79089	25.054	ug/l	85
77) Bromobenzene	11.26	156	63340	19.427	ug/l	99
78) n-propylbenzene	11.36	91	259797	19.892	ug/l	100
79) 2-Chlorotoluene	11.42	91	151665	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	194469	19.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20097	18.825	ug/l	93
82) 4-Chlorotoluene	11.51	91	178718	19.572	ug/l	100
83) tert-Butylbenzene	11.77	119	190813	19.668	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	195053	19.593	ug/l	99
85) sec-Butylbenzene	11.94	105	229082	20.152	ug/l	100
86) p-Isopropyltoluene	12.06	119	214316	20.393	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113813	20.115	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	112530	19.391	ug/l	98
89) n-Butylbenzene	12.38	91	181933	20.235	ug/l	99
90) Hexachloroethane	12.59	117	30953	18.673	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	110972	19.789	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15439	19.094	ug/l	99

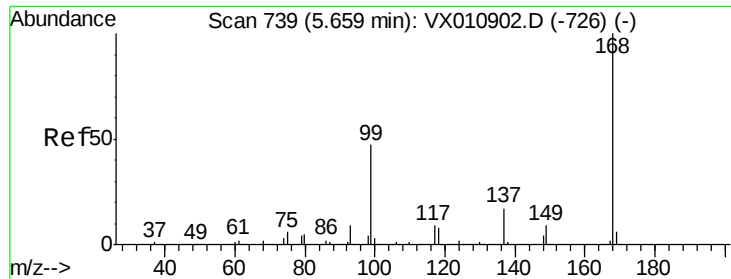
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
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Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	77377	20.360	ug/l	99
94) Hexachlorobutadiene	13.78	225	38380	20.379	ug/l	99
95) Naphthalene	13.83	128	225170	20.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	76679	20.278	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. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

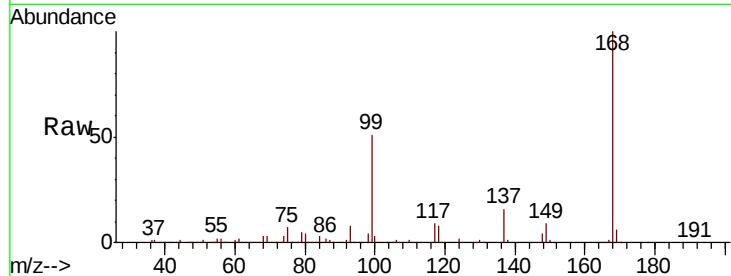
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 244289

Ion Ratio Lower Upper

168 100

99 51.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

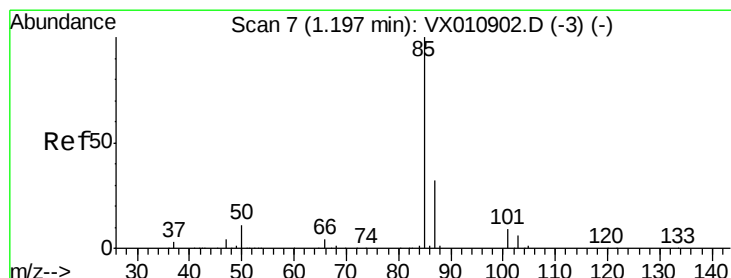
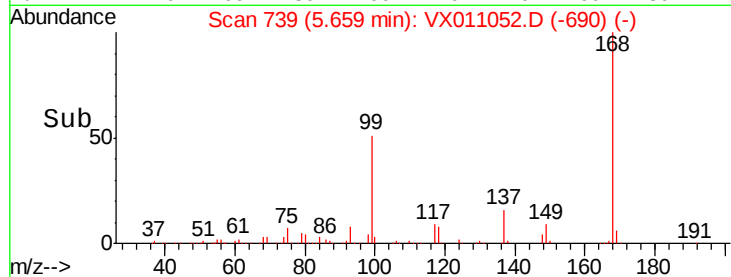
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.223 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011052.D

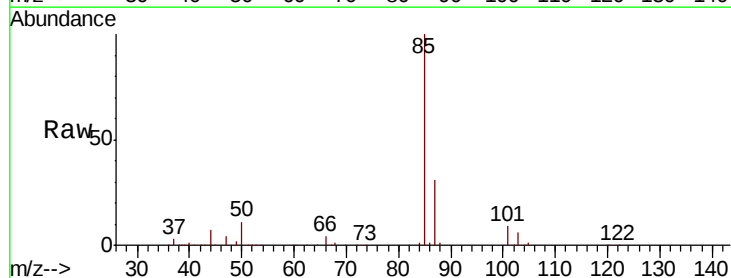
Acq: 23 Jul 2019 12:08

Tgt Ion: 85 Resp: 49187

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

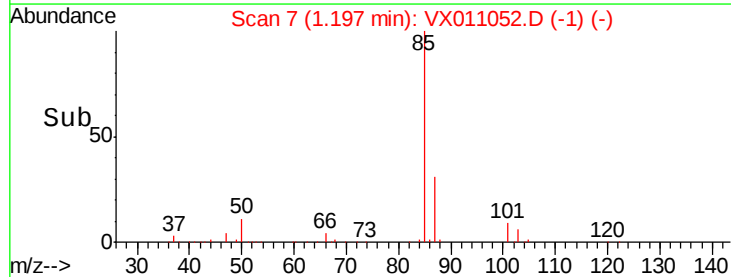
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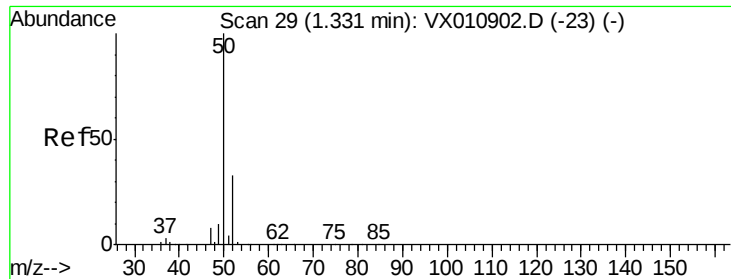
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.279 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

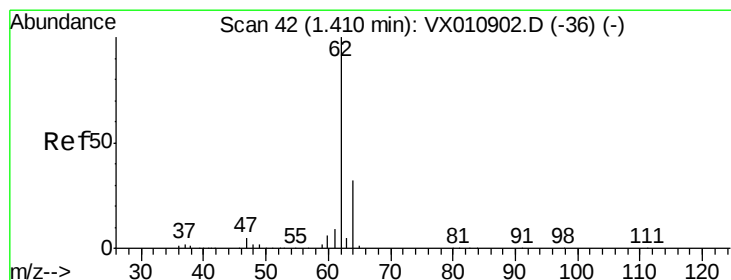
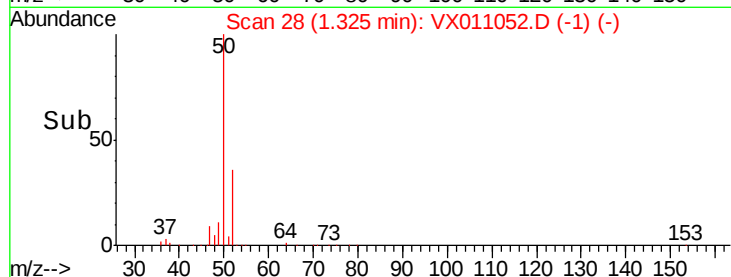
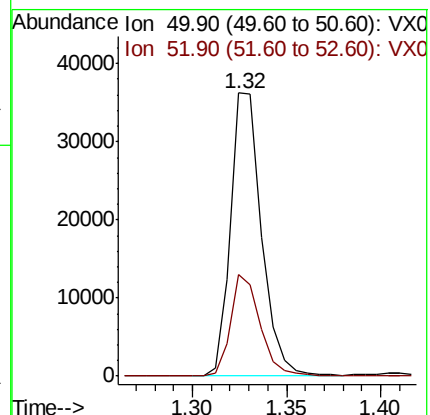
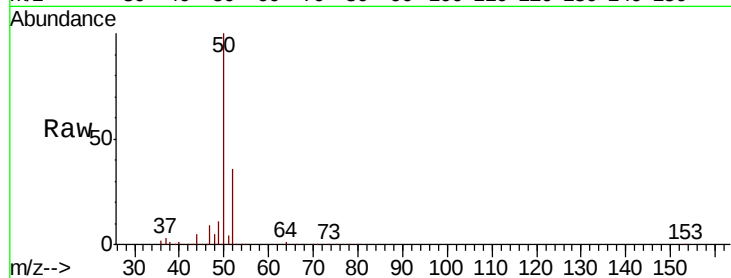
ClientSampleId :

Tot Ion: 50 Resp: 41064

Ion Ratio Lower Upper

50 100

52 35.8 26.4 39.6



#4

Vinyl Chloride

Concen: 18.966 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011052.D

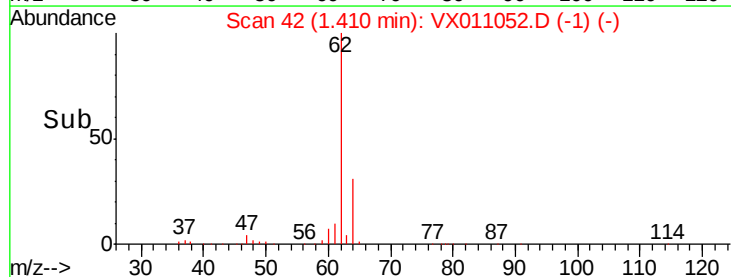
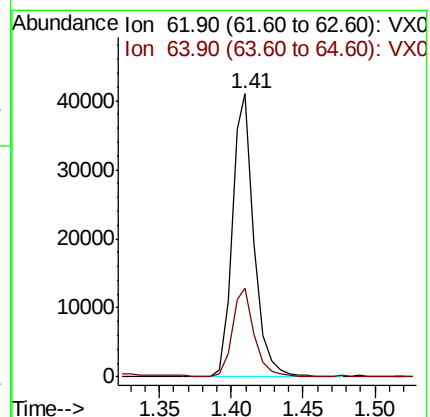
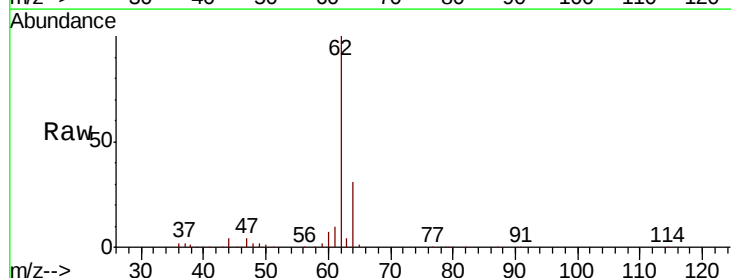
Acq: 23 Jul 2019 12:08

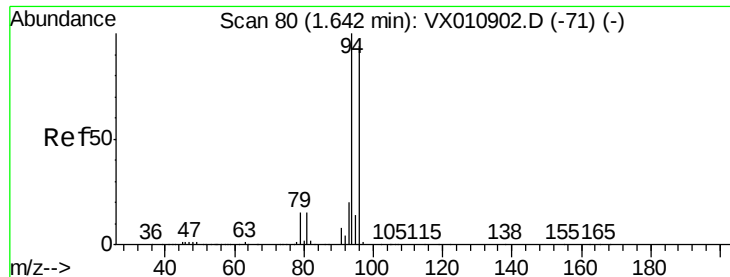
Tgt Ion: 62 Resp: 43458

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 19.140 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

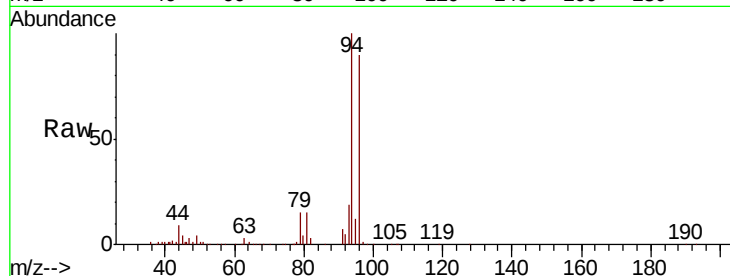
ClientSampleId :

Tot Ion: 94 Resp: 24714

Ion Ratio Lower Upper

94 100

96 89.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

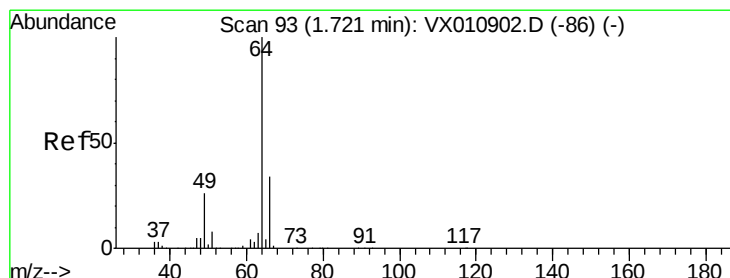
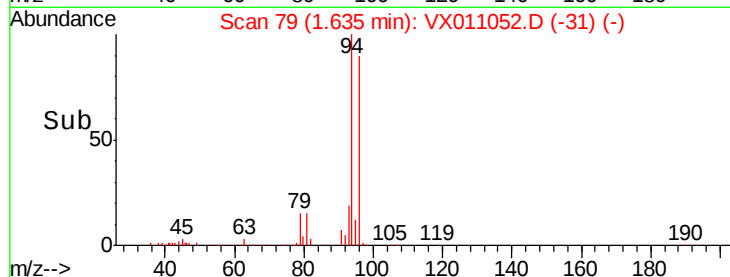
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.102 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011052.D

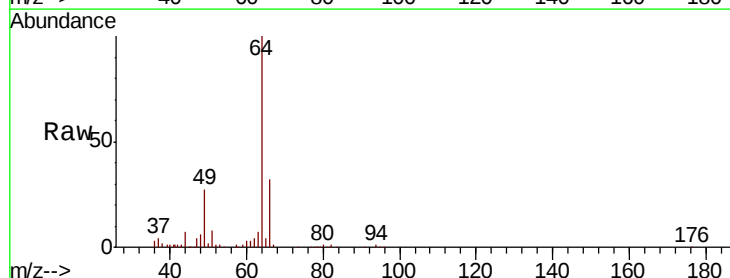
Acq: 23 Jul 2019 12:08

Tgt Ion: 64 Resp: 26359

Ion Ratio Lower Upper

64 100

66 32.0 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

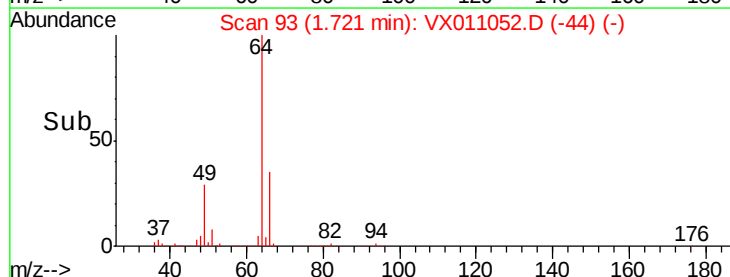
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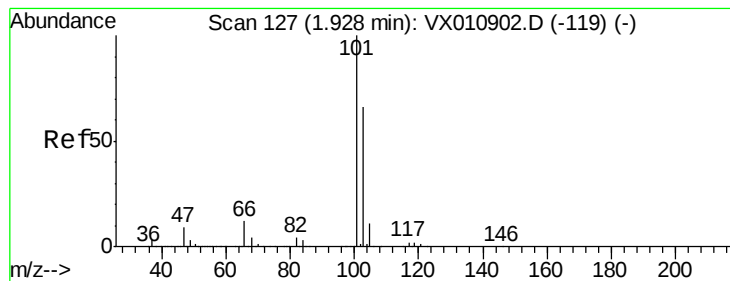
10000

5000

0

Time-->



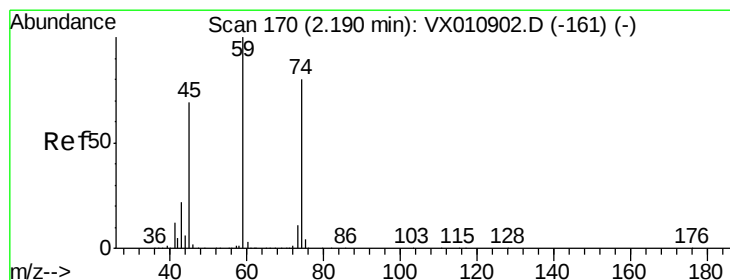
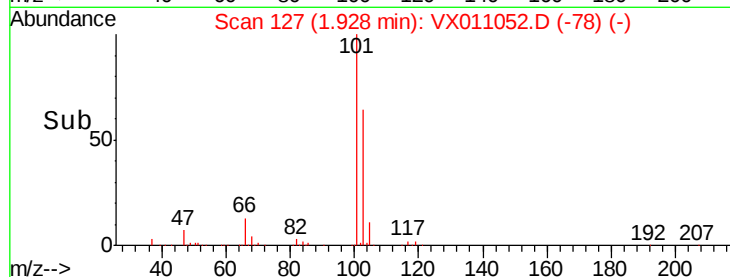
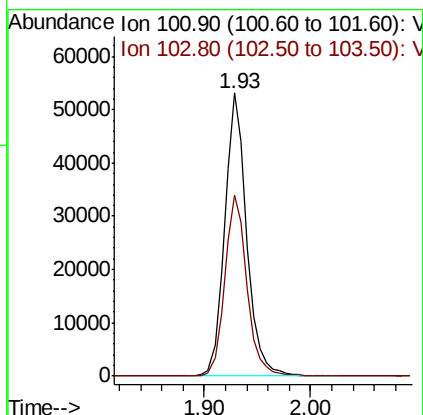
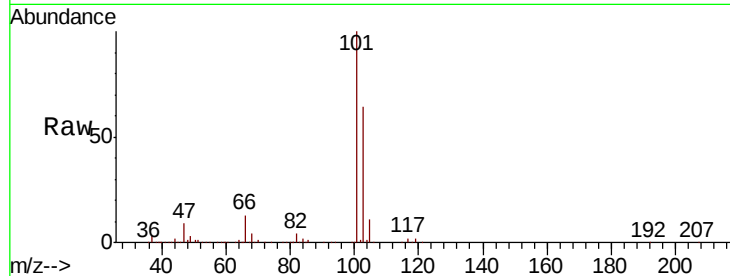


#7

Trichlorofluoromethane
Concen: 19.705 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampled :

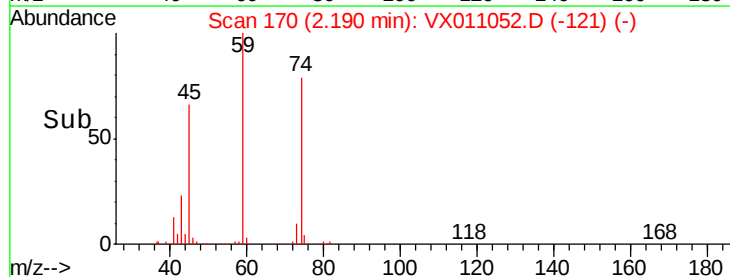
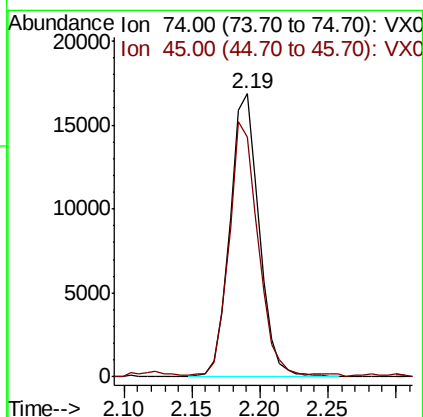
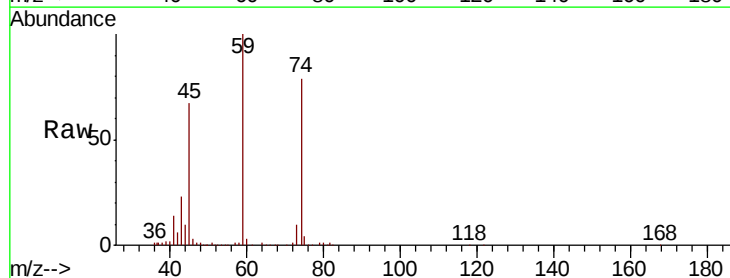
Tot Ion:101 Resp: 76432
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8



#8

Diethyl Ether
Concen: 18.821 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 74 Resp: 25153
Ion Ratio Lower Upper
74 100
45 91.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.114 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampled :

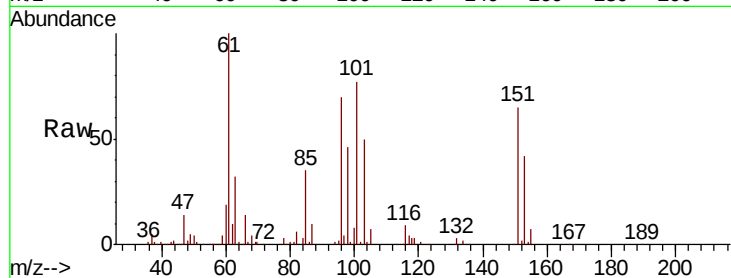
Tot Ion:101 Resp: 44546

Ion Ratio Lower Upper

101 100

85 43.9 34.6 52.0

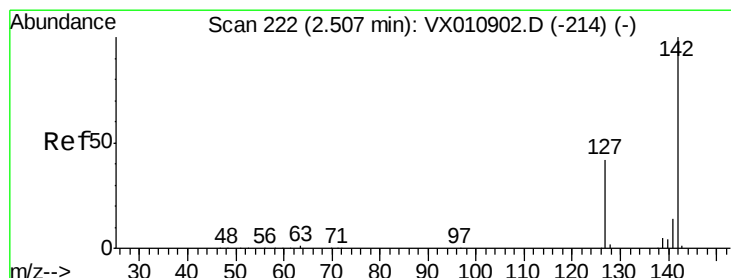
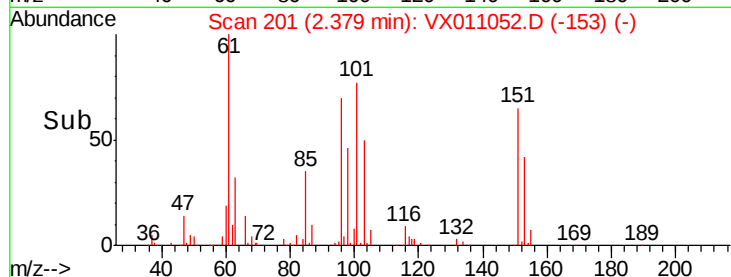
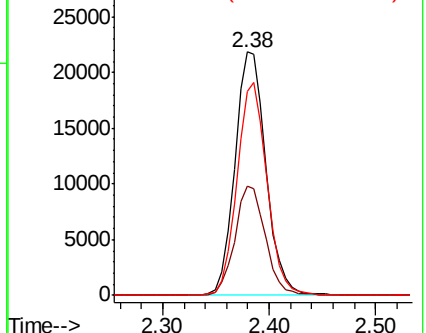
151 84.5 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.374 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

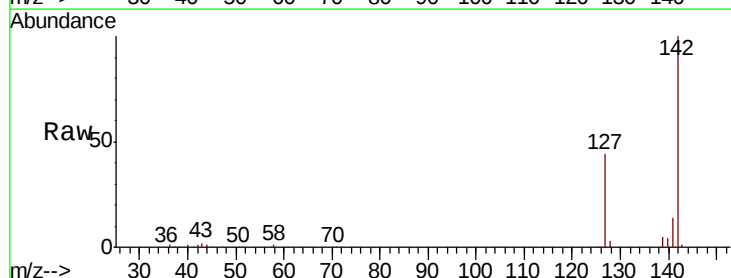
Tgt Ion:142 Resp: 53399

Ion Ratio Lower Upper

142 100

127 43.7 34.2 51.4

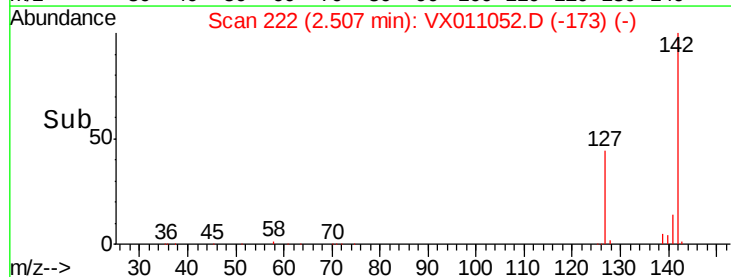
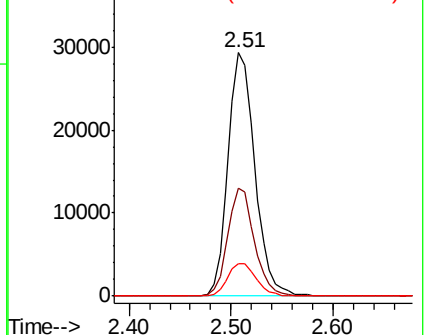
141 14.3 11.7 17.5



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

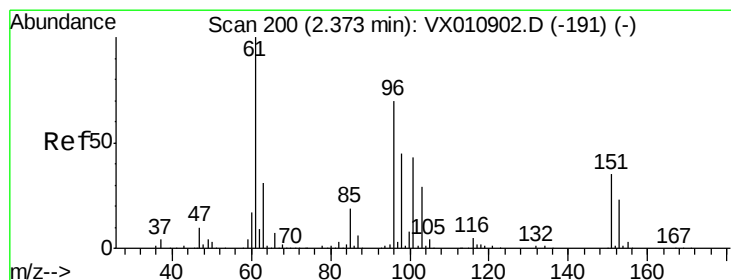
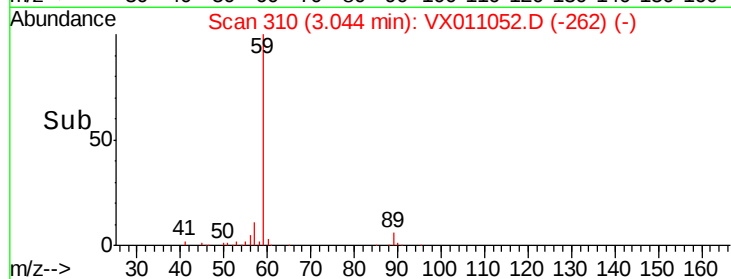
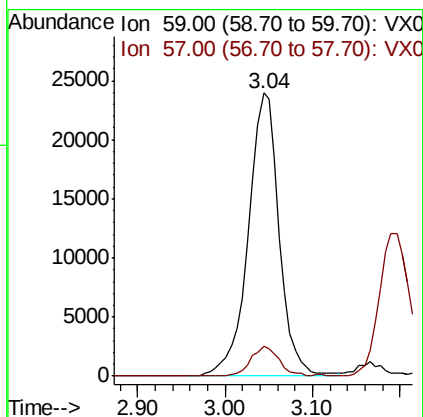
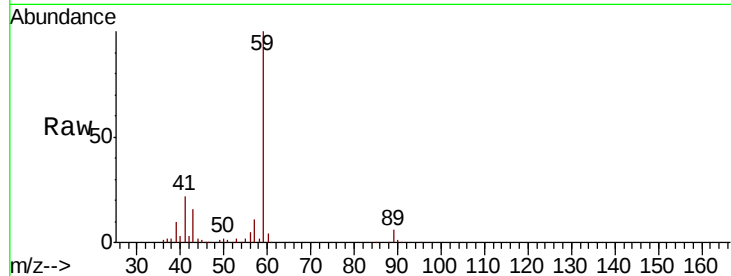




#11
Tert butyl alcohol
Concen: 96.961 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

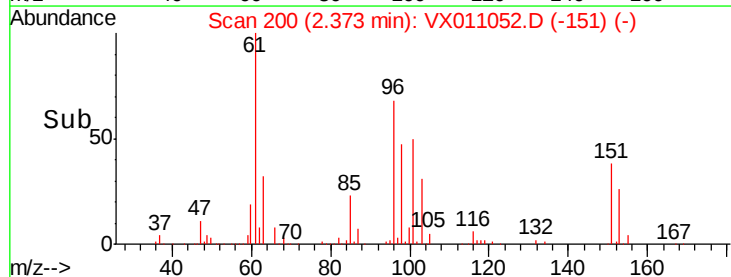
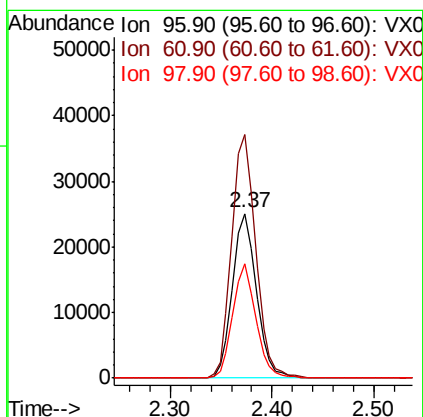
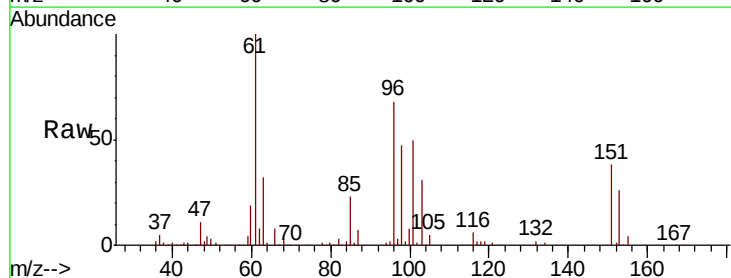
Instrument :
MSVOA_X
ClientSampleId :

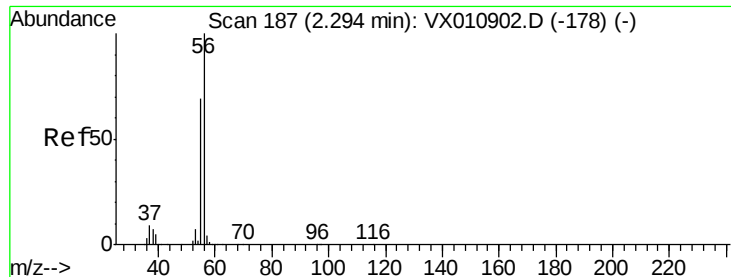
Tot Ion: 59 Resp: 58686
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9



#12
1,1-Dichloroethene
Concen: 18.828 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 96 Resp: 40968
Ion Ratio Lower Upper
96 100
61 148.0 115.0 172.4
98 69.6 52.2 78.2





#13

Acrolein

Concen: 75.217 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

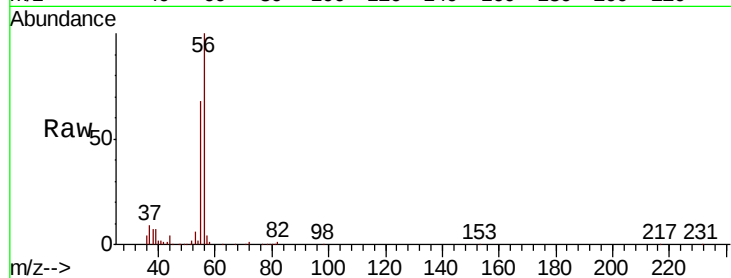
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 26303

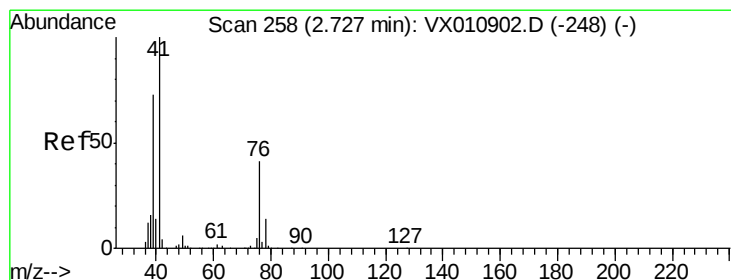
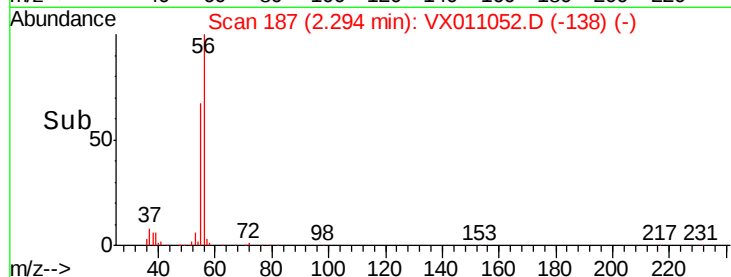
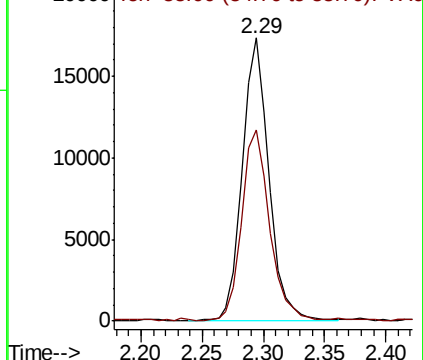
Ion Ratio Lower Upper

56 100

55 69.6 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.491 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

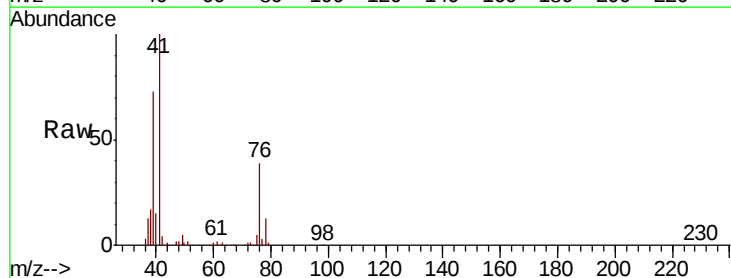
Tgt Ion: 41 Resp: 61605

Ion Ratio Lower Upper

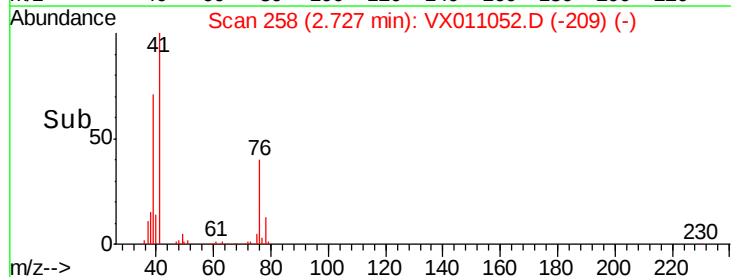
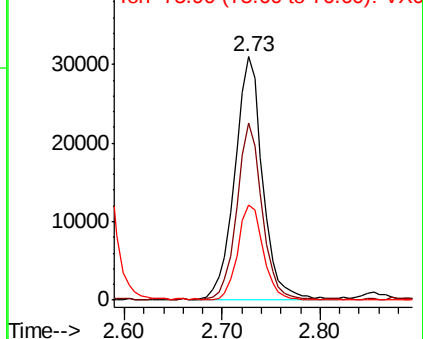
41 100

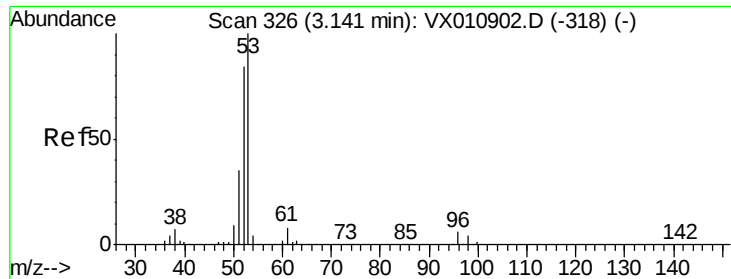
39 64.5 53.6 80.4

76 36.1 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 94.995 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

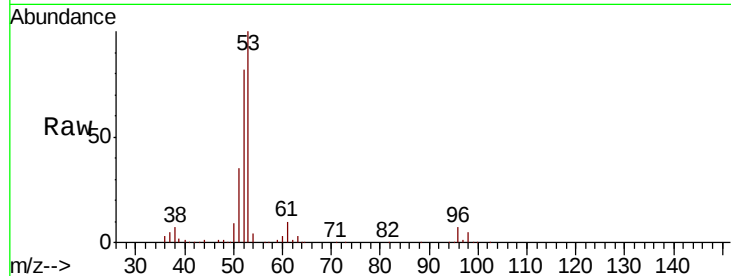
Tot Ion: 53 Resp: 116181

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

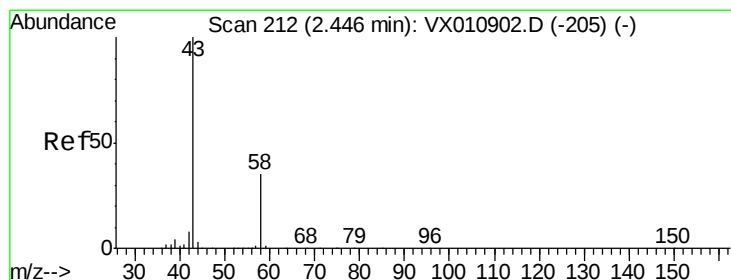
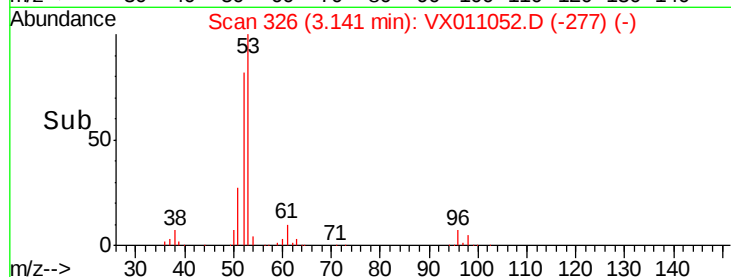
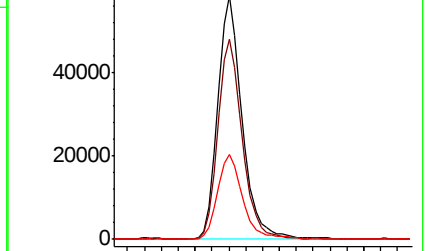
51 36.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX011052.D (-277) (-)

Ion 52.00 (51.70 to 52.70): VX011052.D (-277) (-)

Ion 51.00 (50.70 to 51.70): VX011052.D (-277) (-)



#16

Acetone

Concen: 102.896 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011052.D

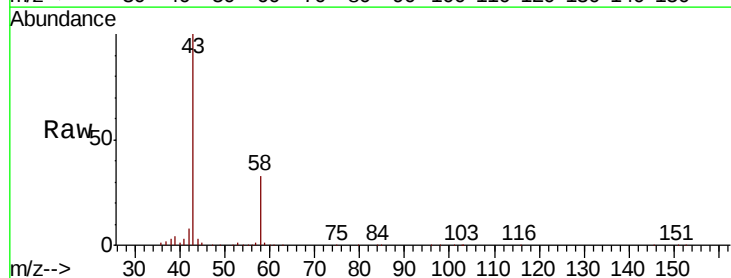
Acq: 23 Jul 2019 12:08

Tgt Ion: 43 Resp: 120776

Ion Ratio Lower Upper

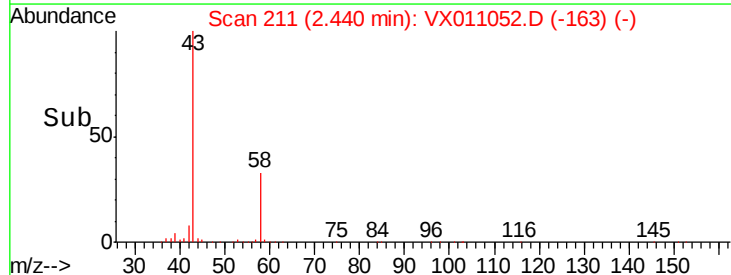
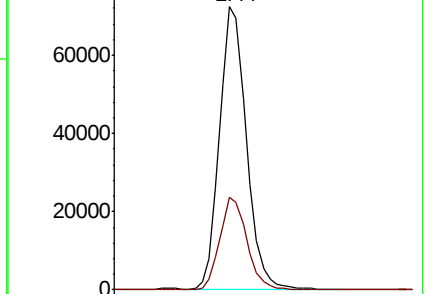
43 100

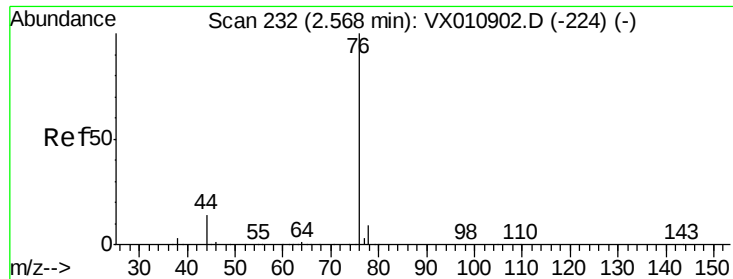
58 32.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX011052.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX011052.D (-163) (-)

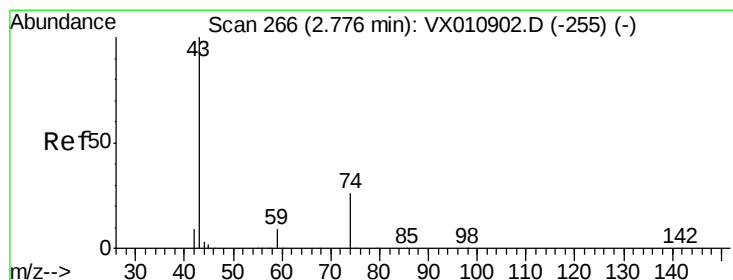
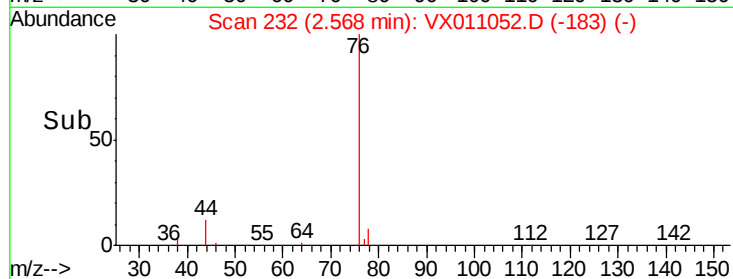
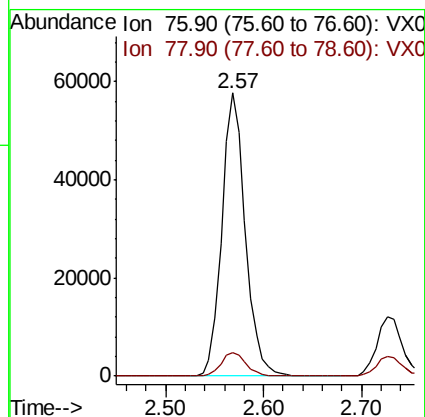
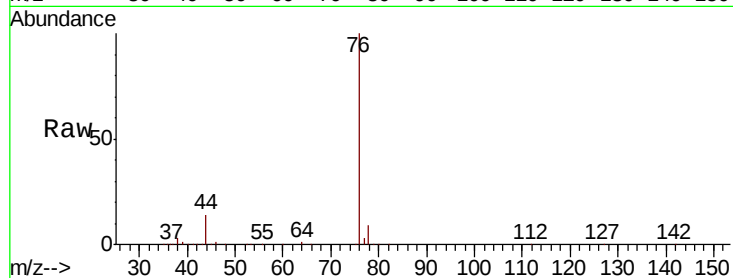




#17
Carbon Disulfide
Concen: 17.181 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

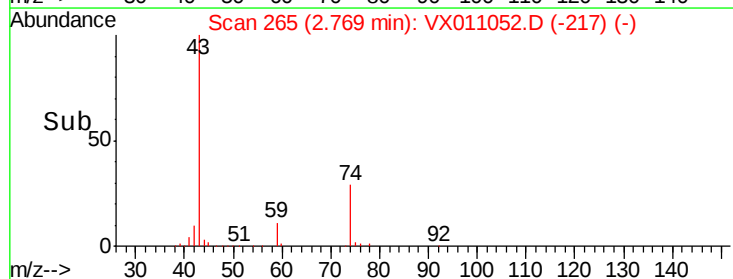
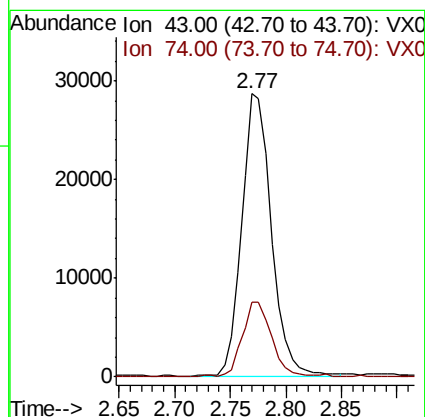
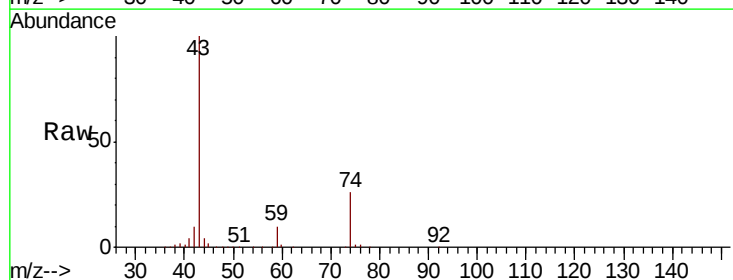
Instrument :
MSVOA_X
ClientSampleId :

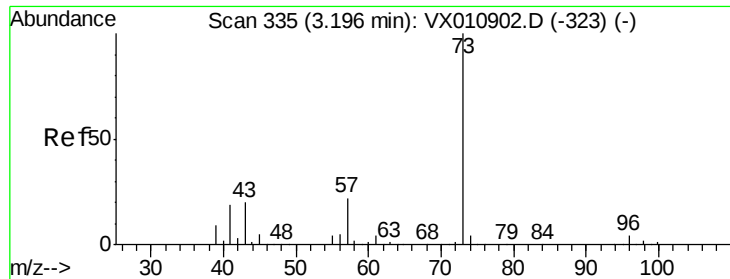
Tot Ion: 76 Resp: 95896
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.988 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 43 Resp: 53423
Ion Ratio Lower Upper
43 100
74 26.1 21.5 32.3

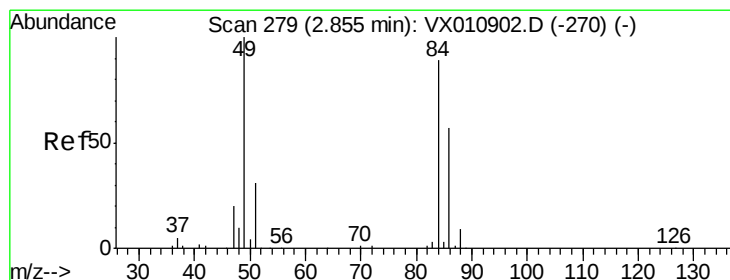
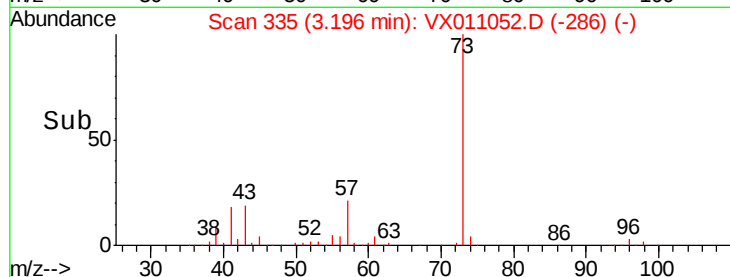
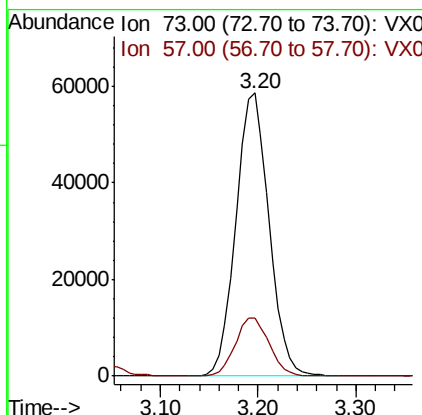
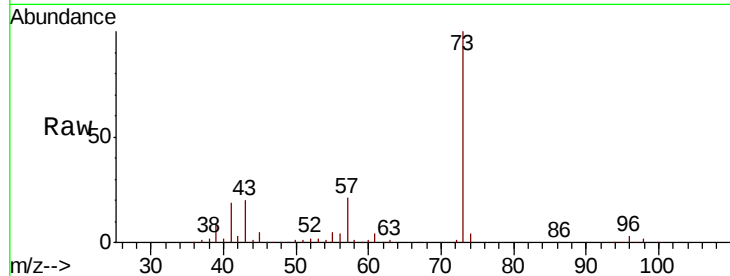




#19
Methvl tert-butvl Ether
Concen: 19.707 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

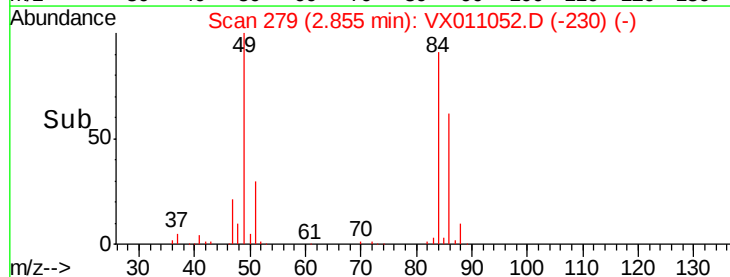
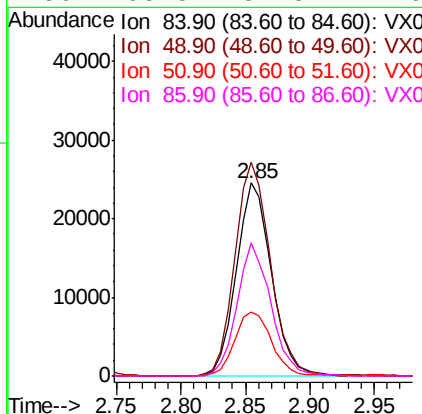
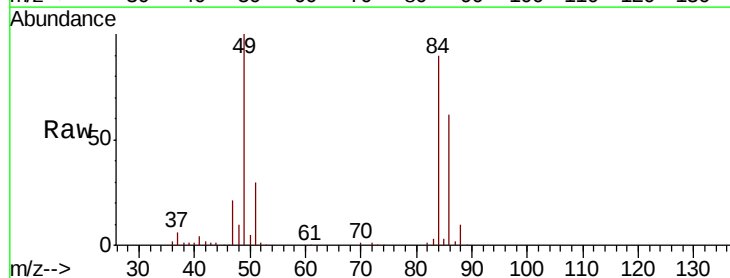
Instrument :
MSVOA_X
ClientSampleId :

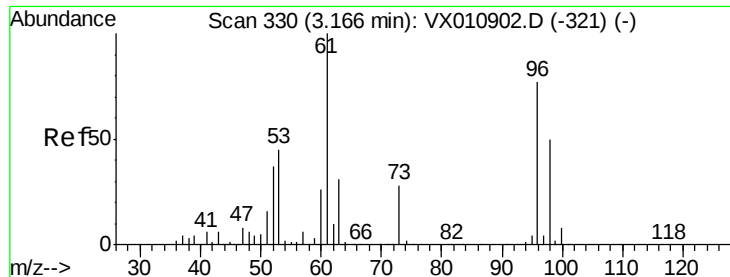
Tot Ion: 73 Resp: 138047
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 18.588 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 84 Resp: 46238
Ion Ratio Lower Upper
84 100
49 110.7 89.9 134.9
51 33.2 27.8 41.6
86 68.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.041 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

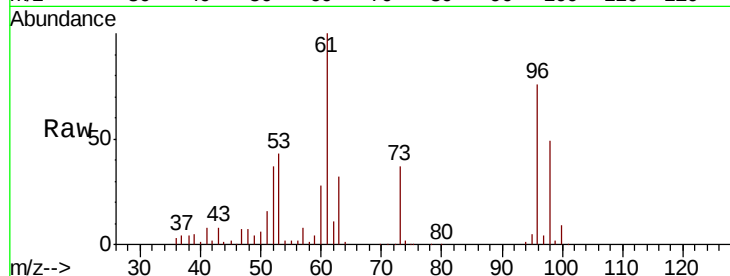
Tot Ion: 96 Resp: 43961

Ion Ratio Lower Upper

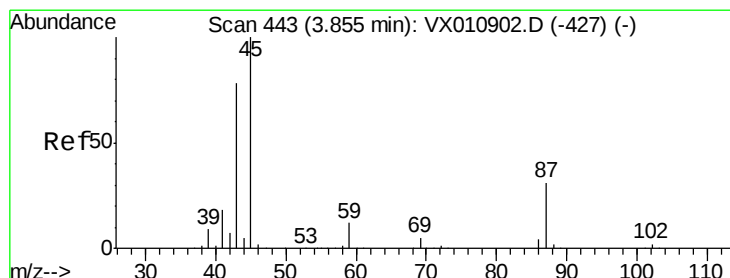
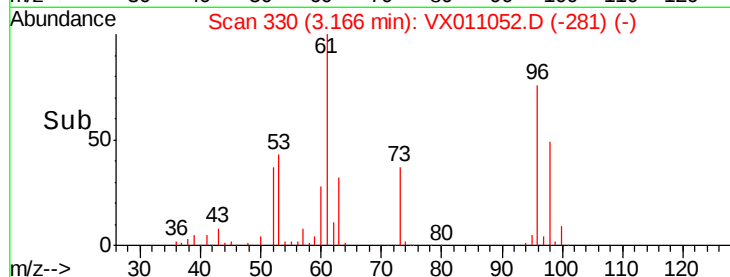
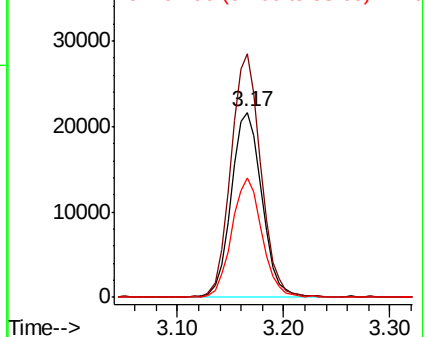
96 100

61 131.1 104.2 156.2

98 64.1 52.2 78.4



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: 19.490 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion: 45 Resp: 129921

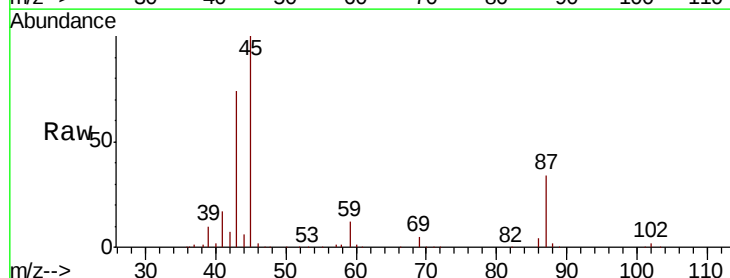
Ion Ratio Lower Upper

45 100

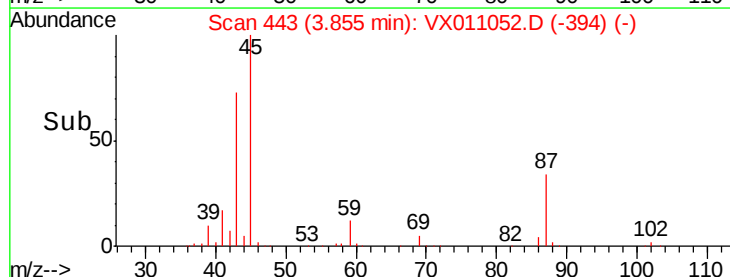
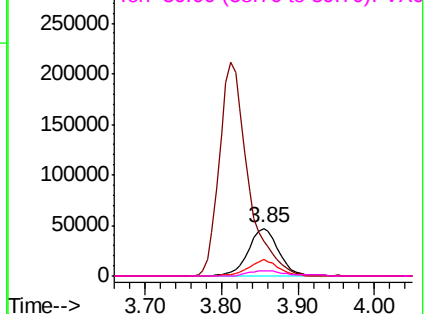
43 73.3 62.3 93.5

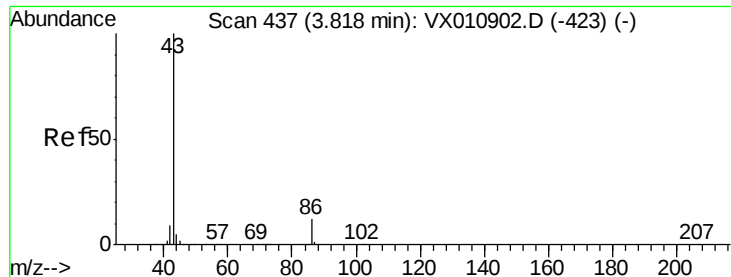
87 33.7 25.0 37.4

59 11.8 9.9 14.9



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: 97.478 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

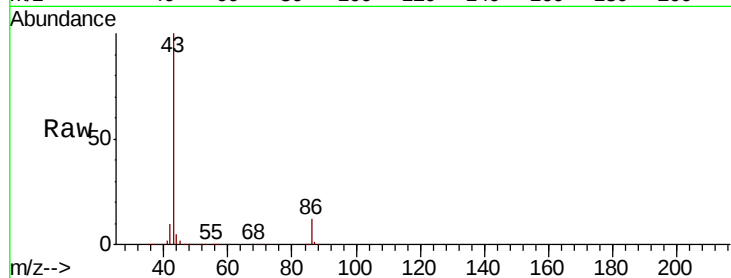
ClientSampleId :

Tot Ion: 43 Resp: 550562

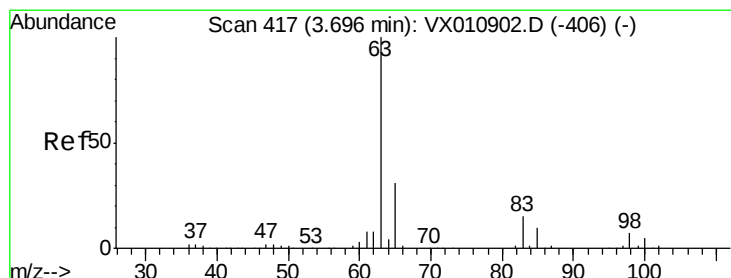
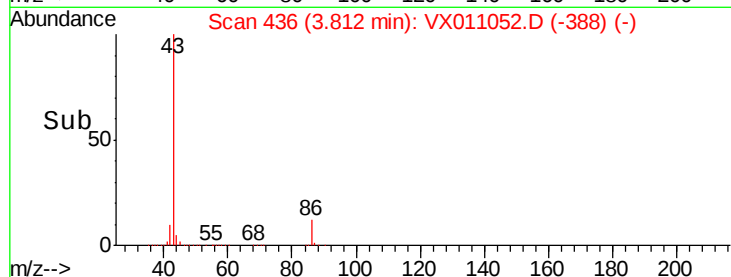
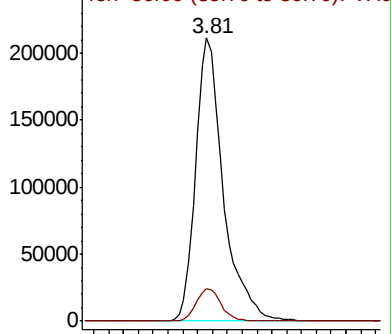
Ion Ratio Lower Upper

43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX011052.D (-388) (-)



#24

1,1-Dichloroethane

Concen: 18.945 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

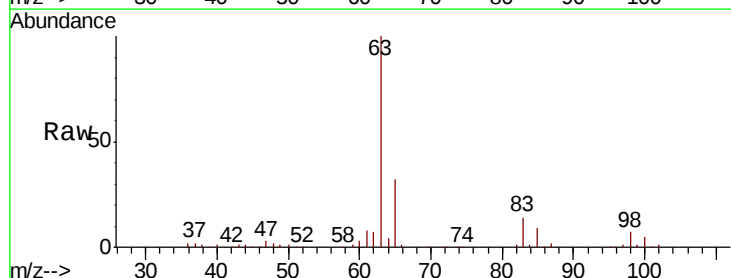
Tgt Ion: 63 Resp: 73342

Ion Ratio Lower Upper

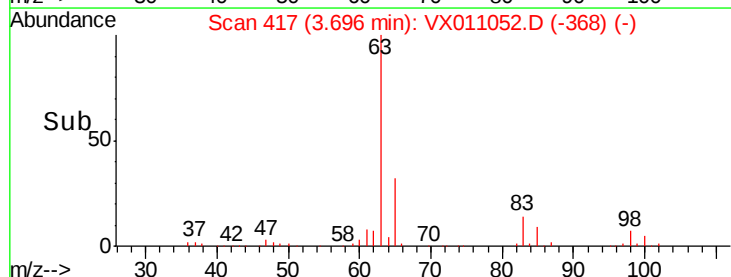
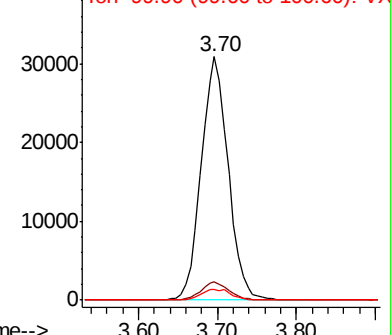
63 100

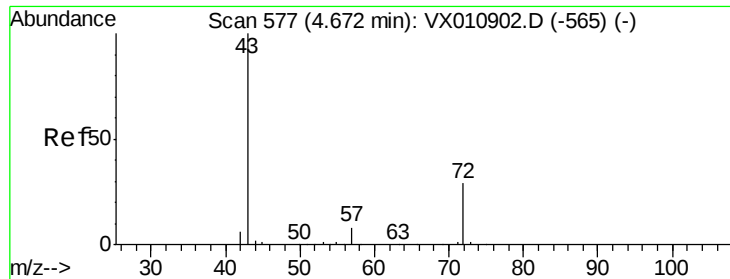
98 7.5 3.6 10.9

100 4.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX011052.D (-368) (-)





#25

2-Butanone

Concen: 99.423 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

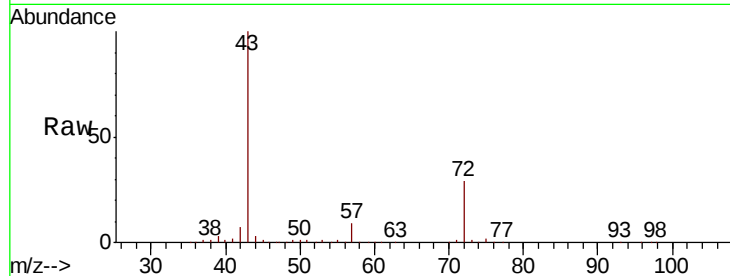
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 167522

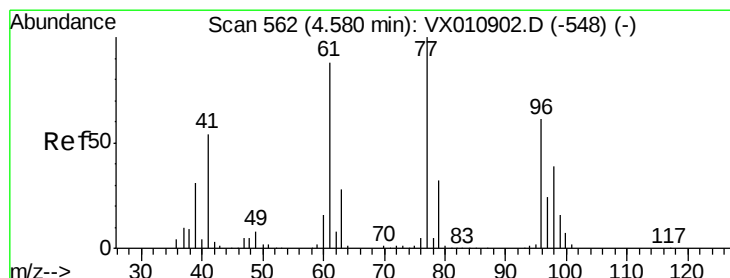
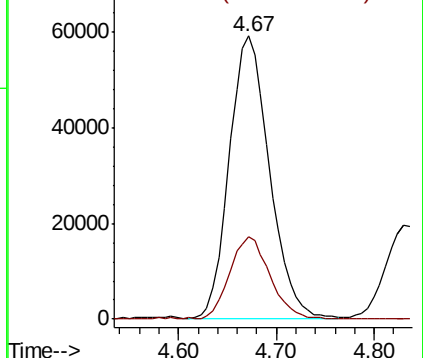
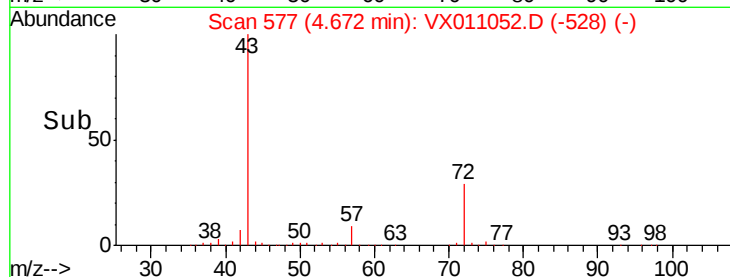
Ion Ratio Lower Upper

43 100

72 29.1 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX011052.D (-528) (-)



#26

2,2-Dichloropropane

Concen: 19.483 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011052.D

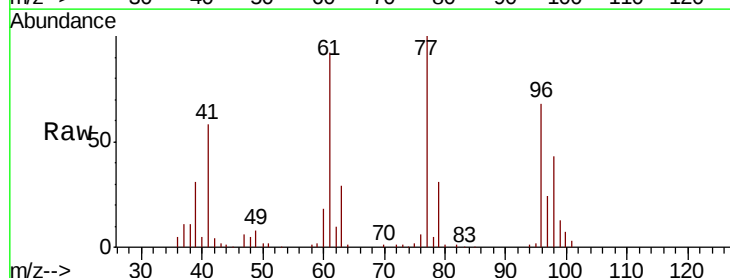
Acq: 23 Jul 2019 12:08

Tgt Ion: 77 Resp: 61931

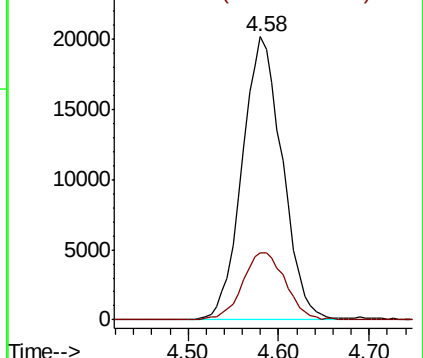
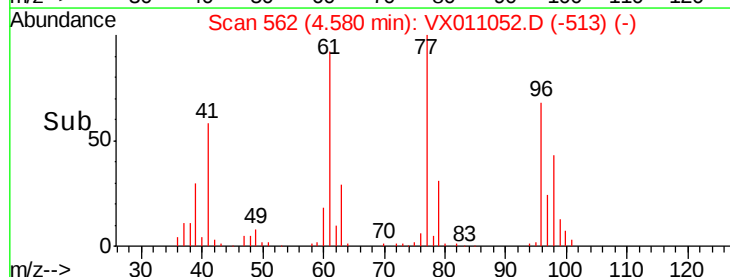
Ion Ratio Lower Upper

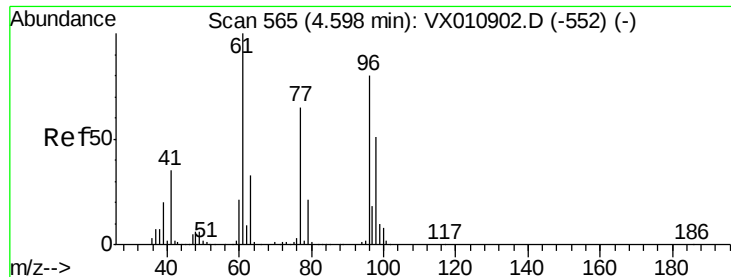
77 100

97 25.4 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX011052.D (-513) (-)



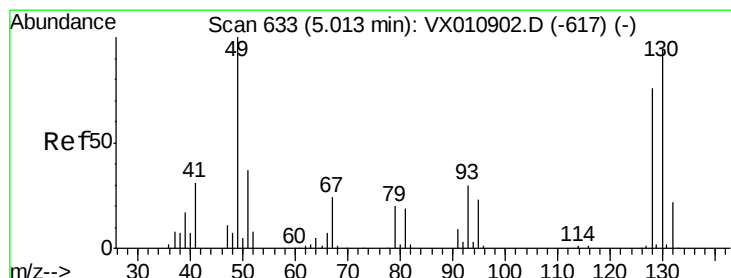
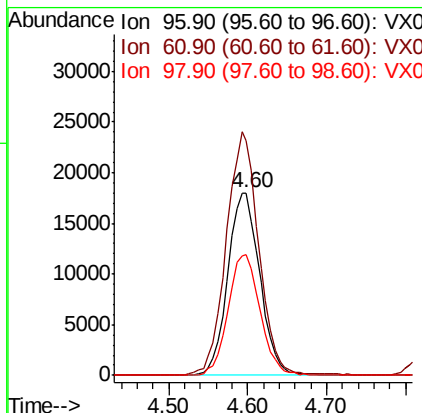
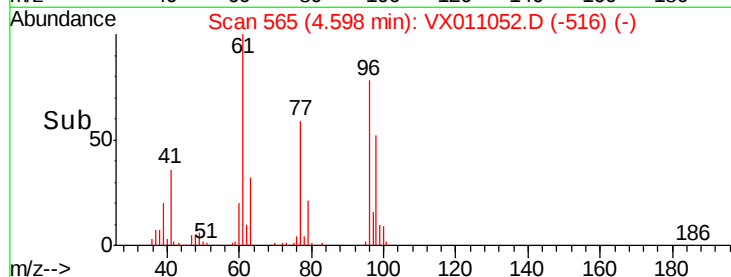
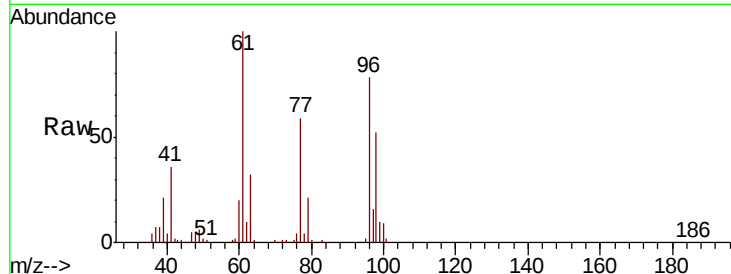


#27

cis-1,2-Dichloroethene
 Concen: 19.036 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

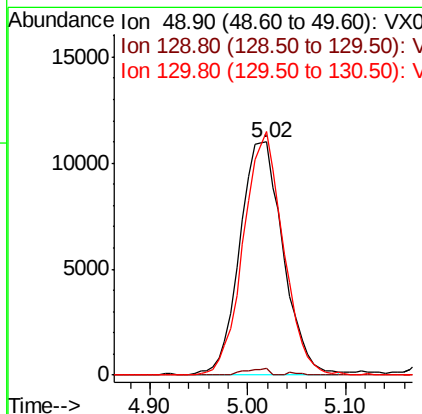
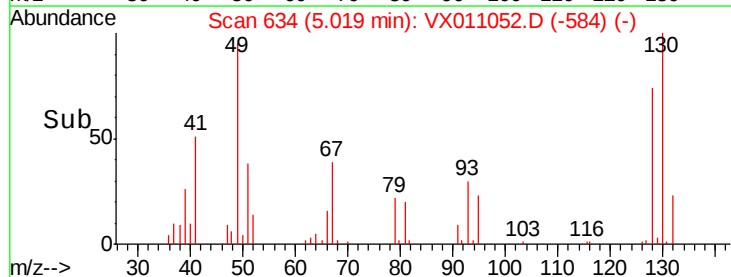
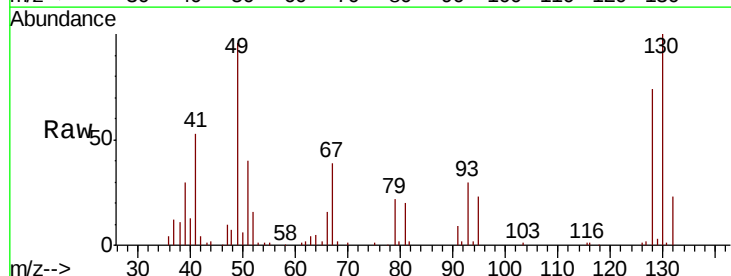
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	269.0
98	66.3	0.0	131.4

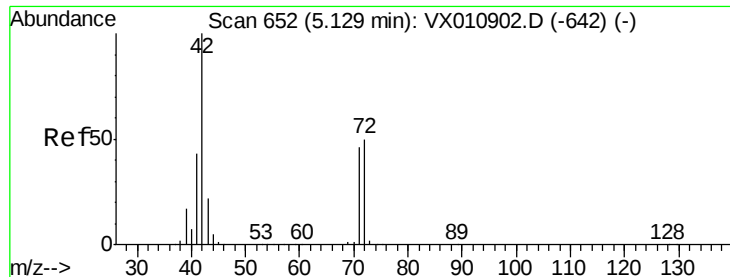


#28

Bromochloromethane
 Concen: 18.712 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.2
130	95.5	76.9	115.3

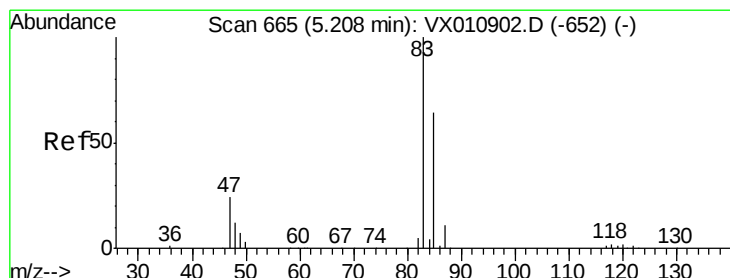
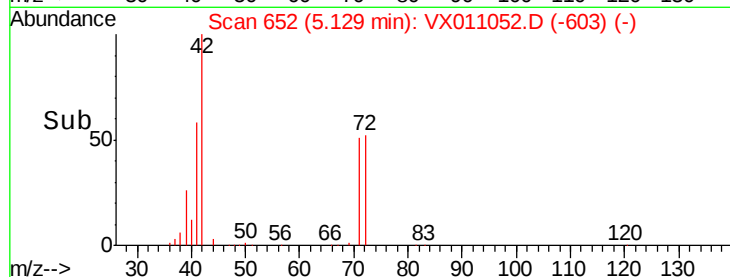
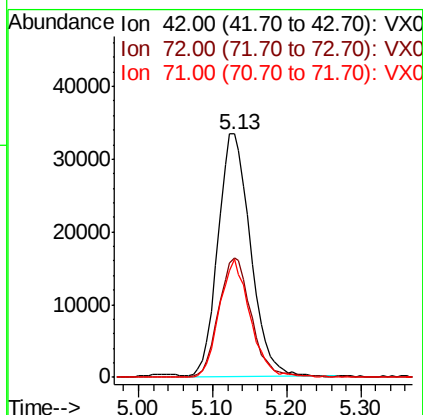
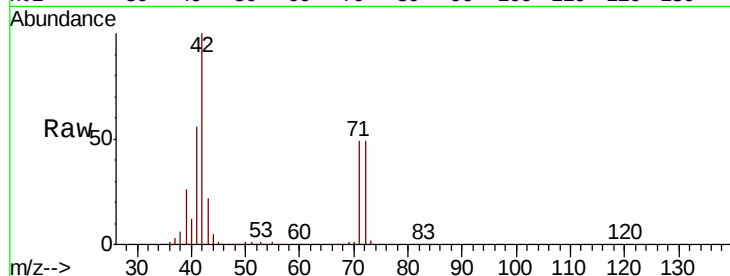




#29
Tetrahydrofuran
Concen: 95.363 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

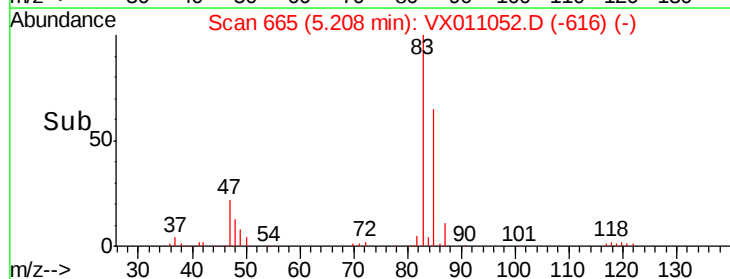
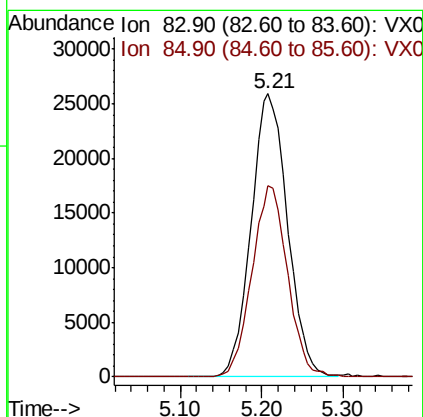
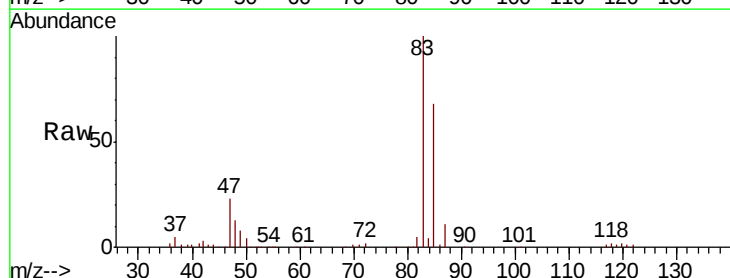
Instrument :
MSVOA_X
ClientSampleId :

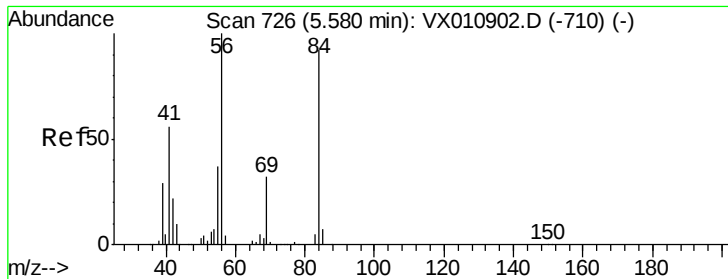
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.8	59.8
71	46.1	37.0	55.4



#30
Chloroform
Concen: 19.236 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.4	77.0

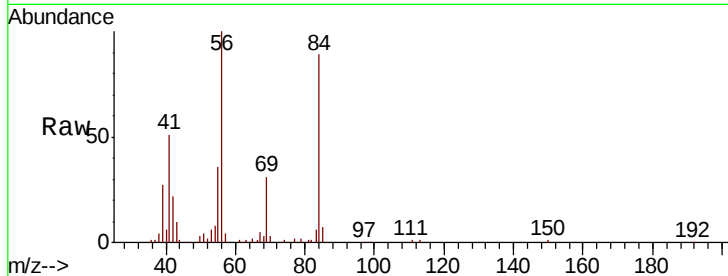




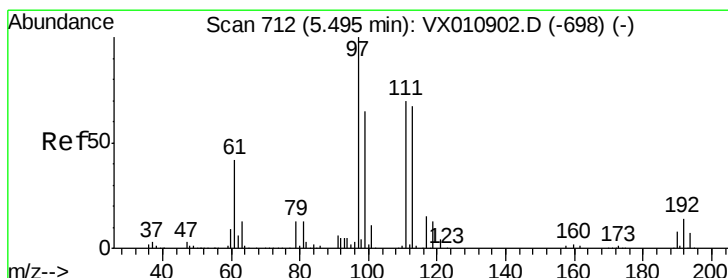
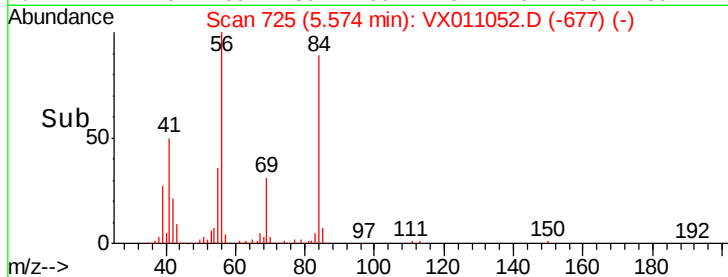
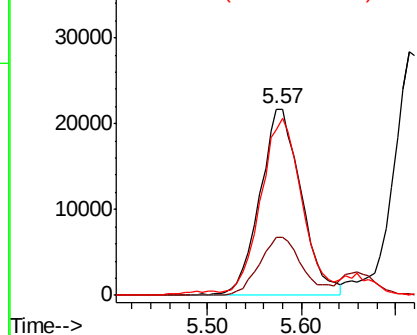
#31
Cyclohexane
Concen: 18.955 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 66885
Ion Ratio Lower Upper
56 100
69 31.5 25.8 38.8
84 87.5 73.8 110.6

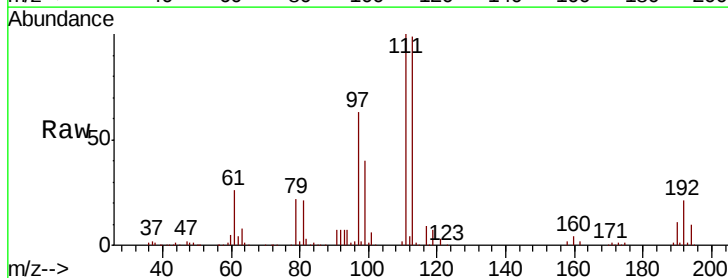


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

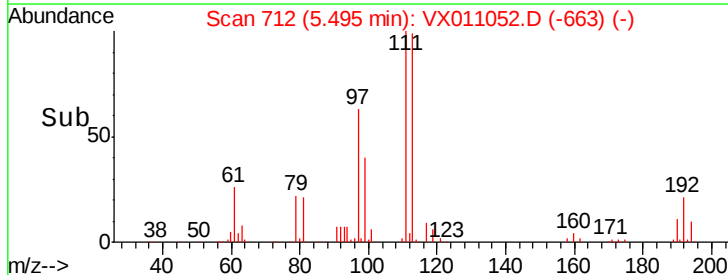
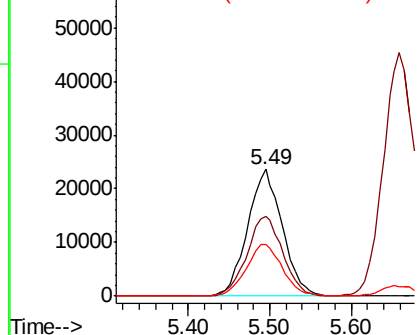


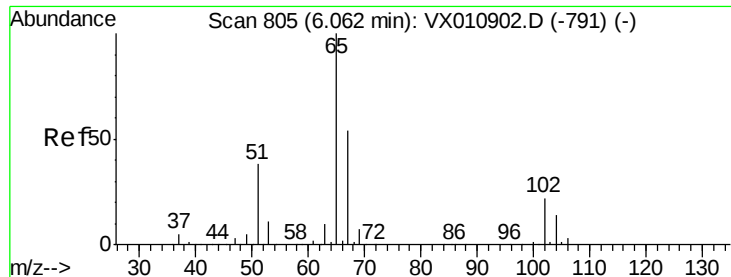
#32
1,1,1-Trichloroethane
Concen: 19.280 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 97 Resp: 69798
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 42.8 33.0 49.6



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: 46.021 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

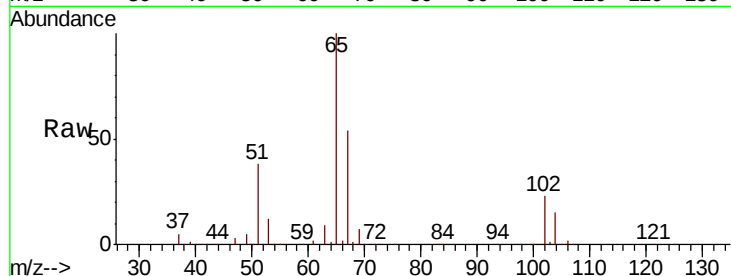
ClientSampled :

Tot Ion: 65 Resp: 119603

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

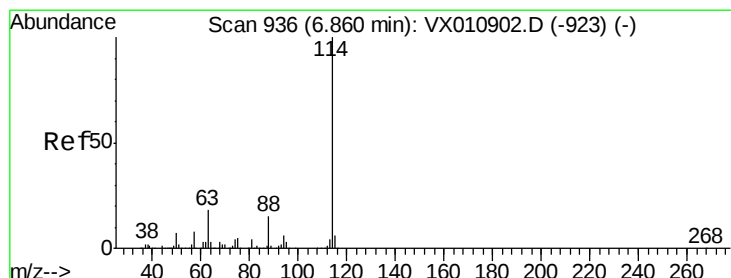
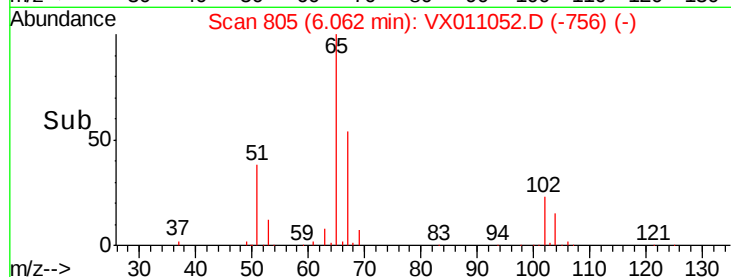
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

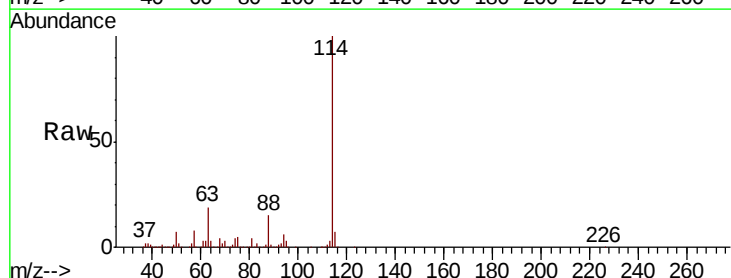
Tgt Ion: 114 Resp: 357384

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

88 15.3 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

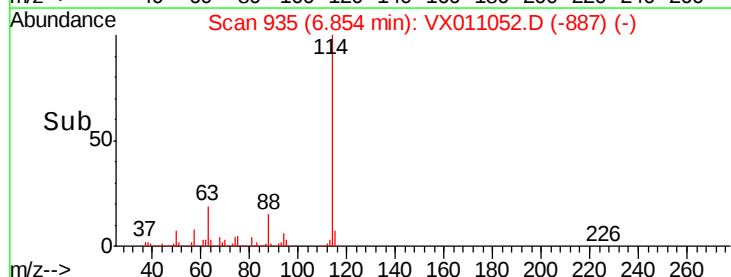
100000

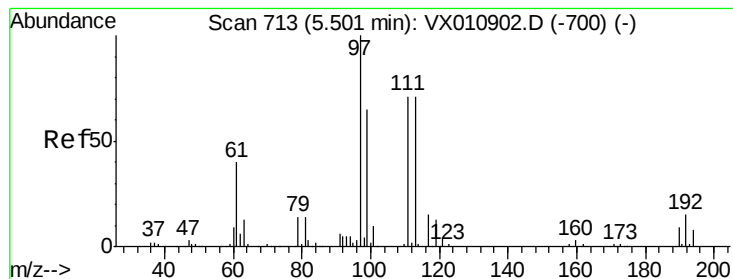
50000

0

6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 47.365 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

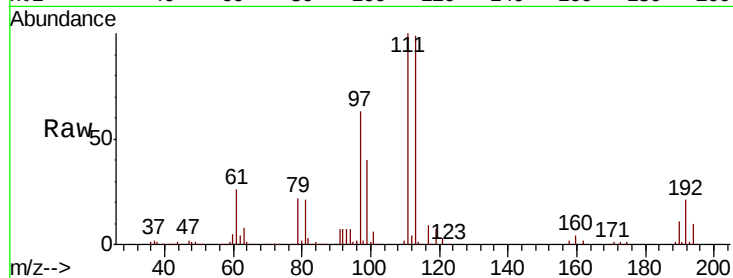
Tot Ion:113 Resp: 107442

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

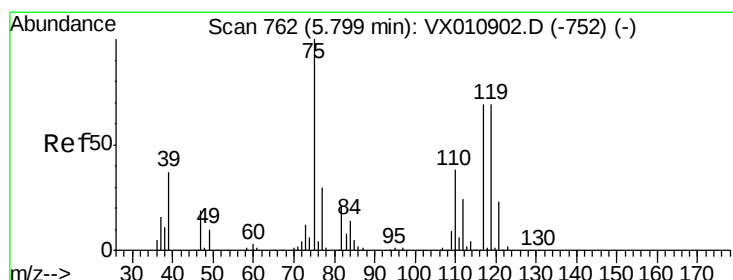
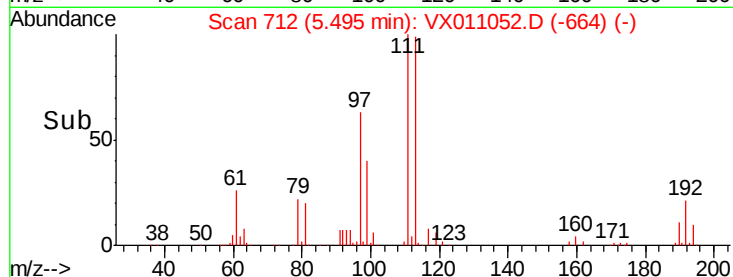
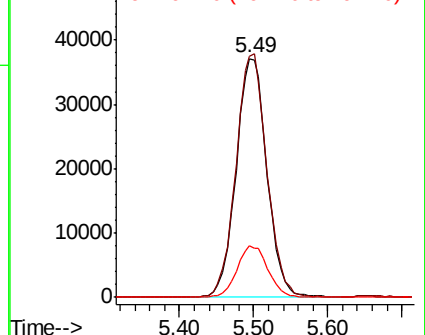
192 21.7 17.4 26.2



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: 20.038 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

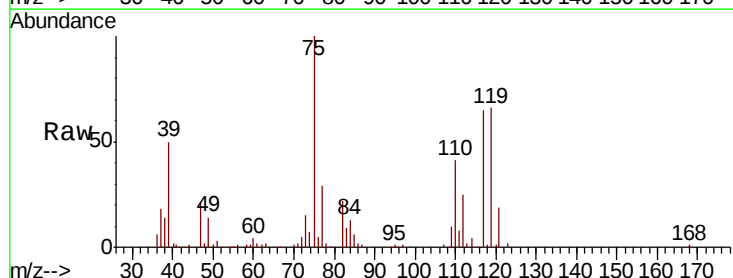
Tgt Ion: 75 Resp: 58824

Ion Ratio Lower Upper

75 100

110 39.3 19.9 59.7

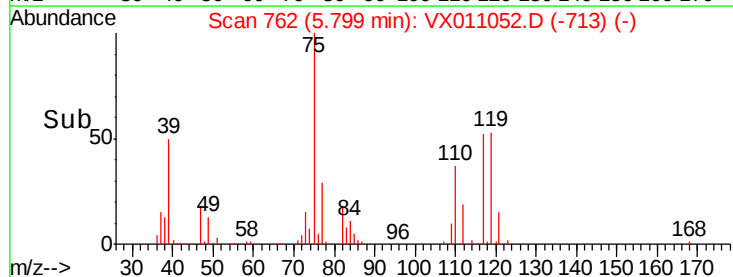
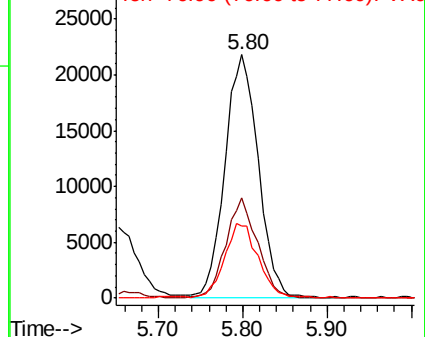
77 31.0 25.0 37.4

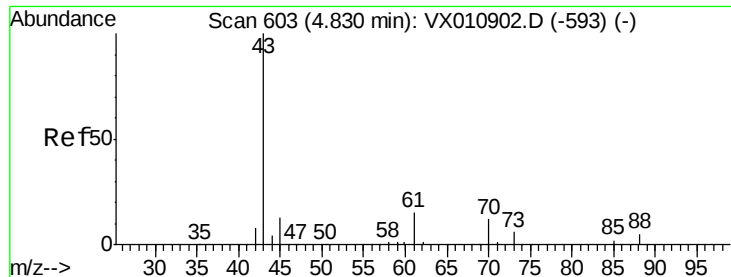


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

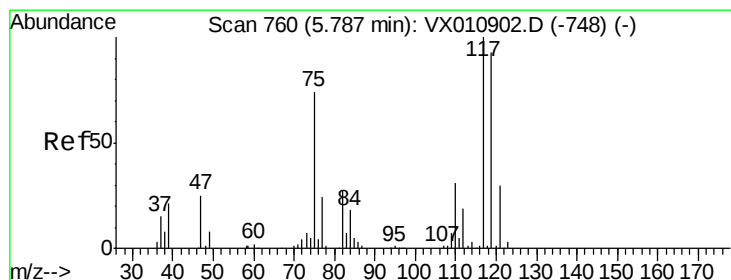
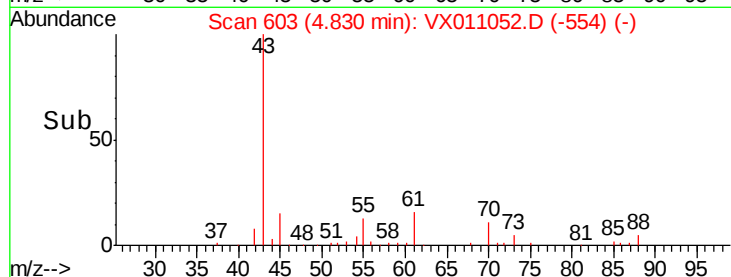
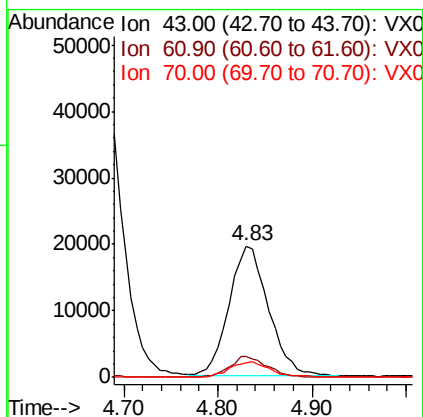
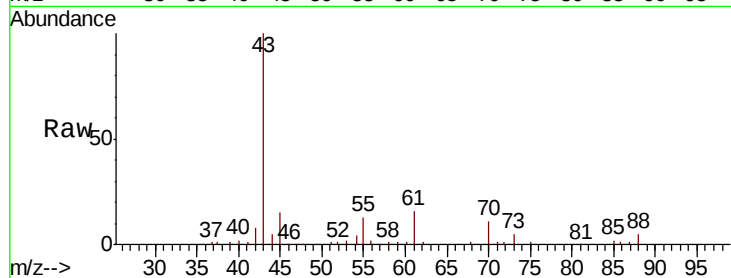




#37
Ethyl Acetate
Concen: 18.991 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

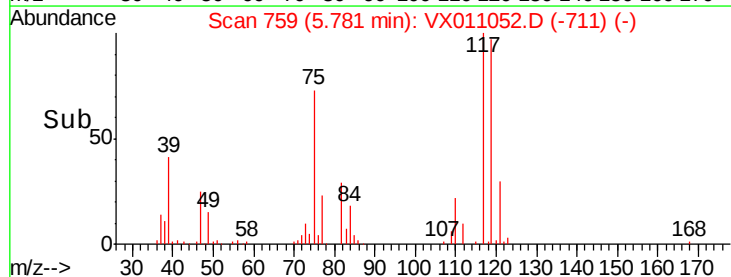
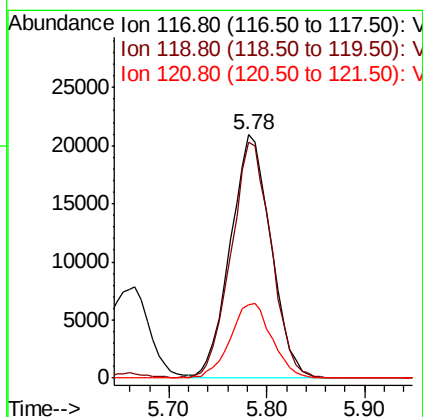
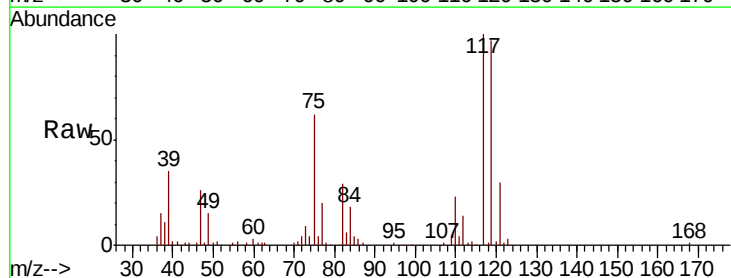
Instrument :
MSVOA_X
ClientSampled :

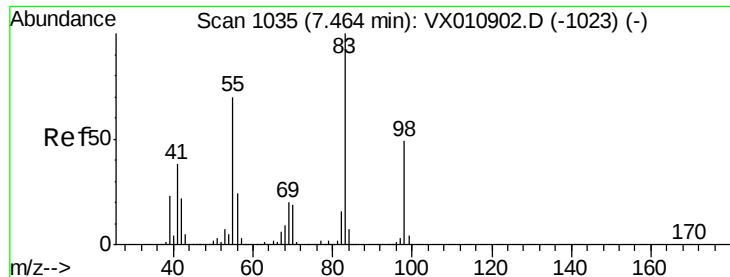
Tot Ion: 43 Resp: 57087
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 12.2 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.763 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 117 Resp: 60454
Ion Ratio Lower Upper
117 100
119 96.8 74.2 111.2
121 30.2 24.2 36.2

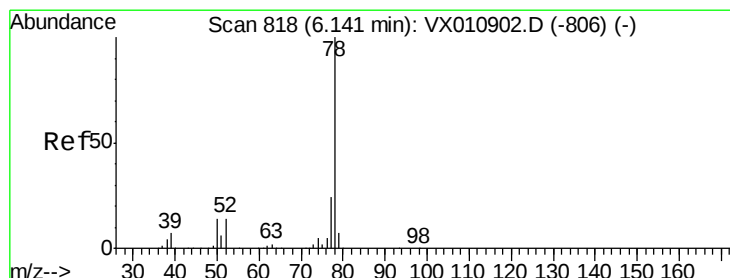
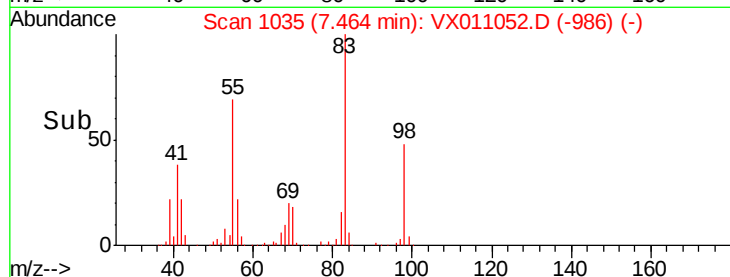
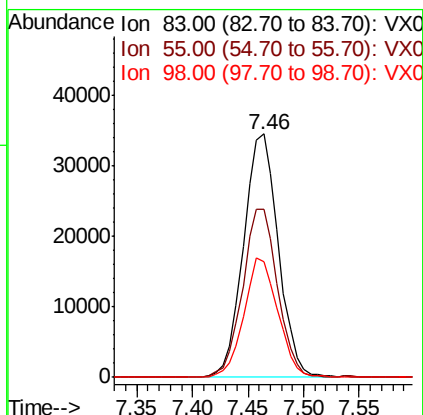
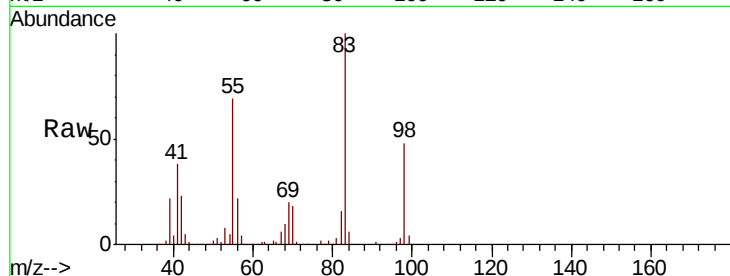




#39
Methvlcvclohexane
Concen: 19.715 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

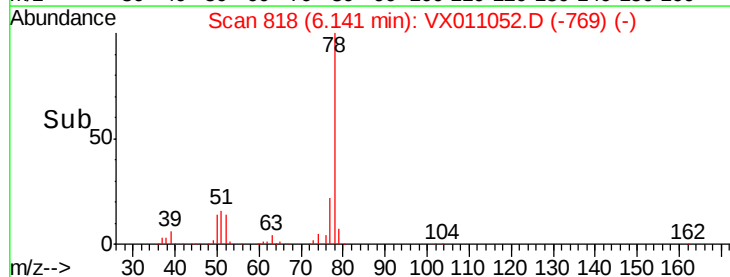
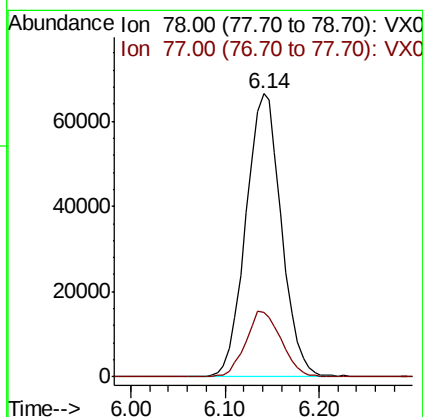
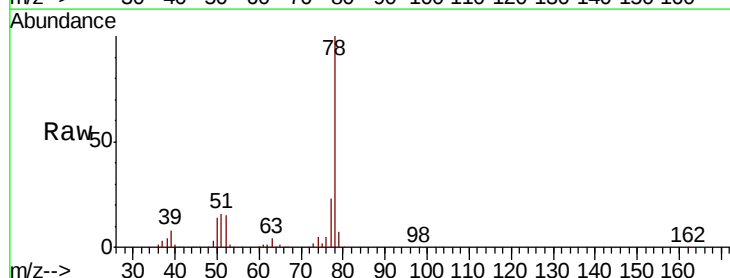
Instrument :
MSVOA_X
ClientSampled :

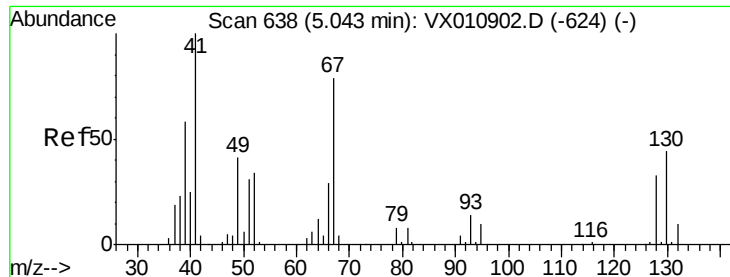
Tot Ion: 83 Resp: 75052
Ion Ratio Lower Upper
83 100
55 69.1 56.2 84.4
98 47.7 39.0 58.4



#40
Benzene
Concen: 19.548 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 78 Resp: 175778
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41

Methacrylonitrile

Concen: 18.627 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 31785

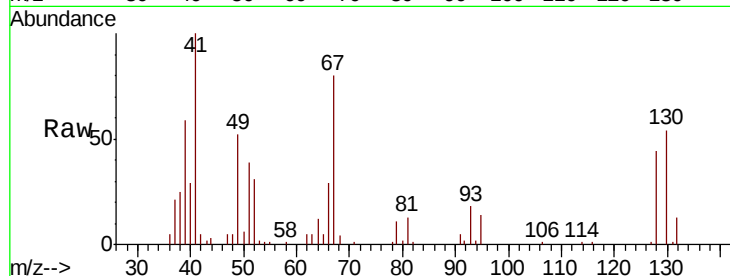
Ion Ratio Lower Upper

41 100

39 56.6 45.4 68.2

67 80.5 65.9 98.9

52 34.1 26.2 39.2

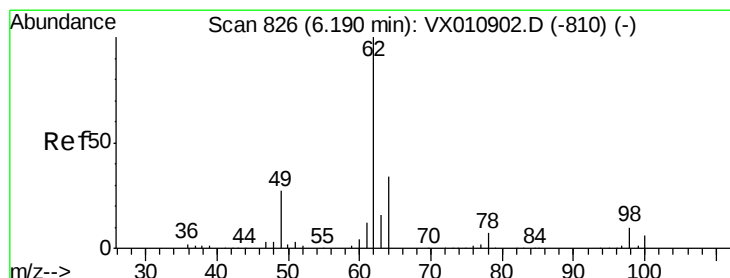
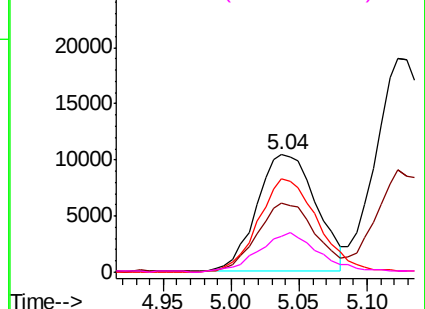
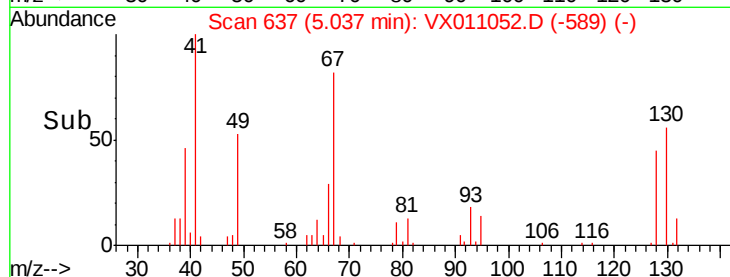


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.293 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011052.D

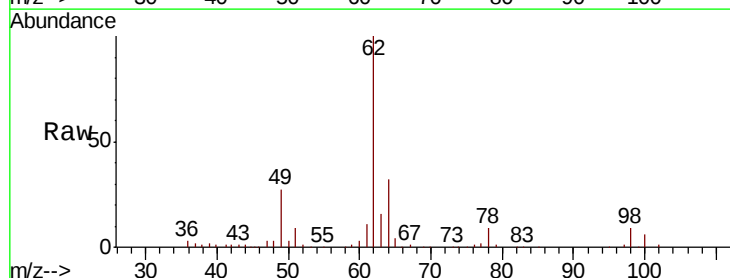
Acq: 23 Jul 2019 12:08

Tgt Ion: 62 Resp: 63447

Ion Ratio Lower Upper

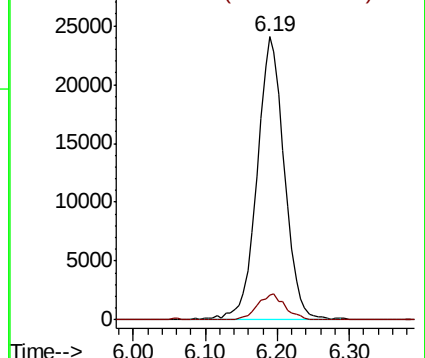
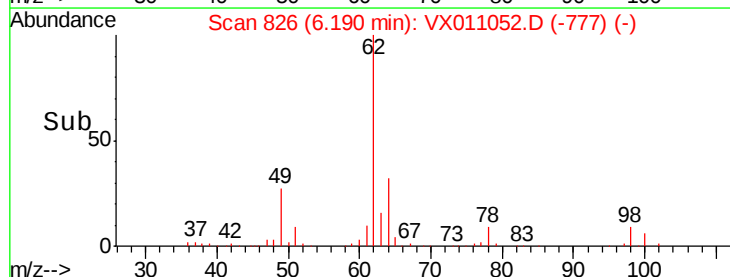
62 100

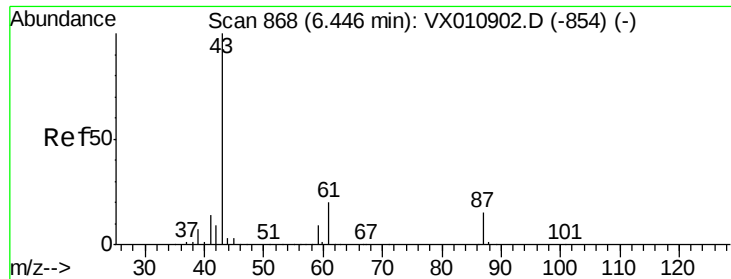
98 9.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.413 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

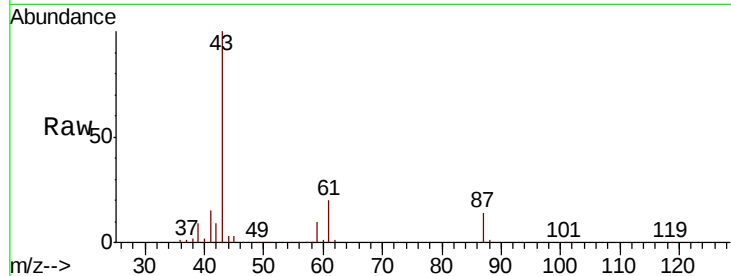
Tot Ion: 43 Resp: 95953

Ion Ratio Lower Upper

43 100

61 20.7 17.1 25.7

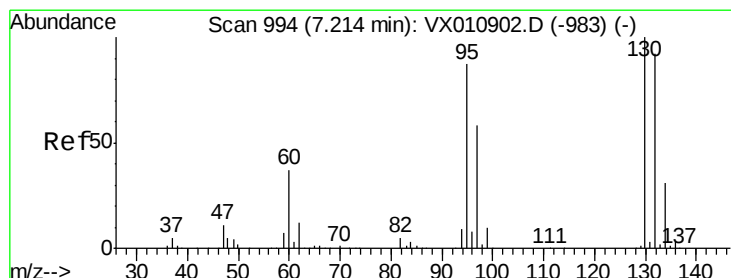
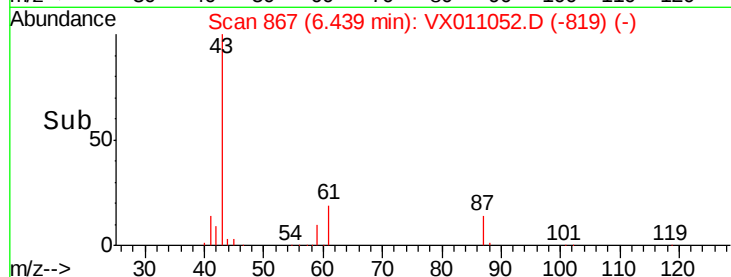
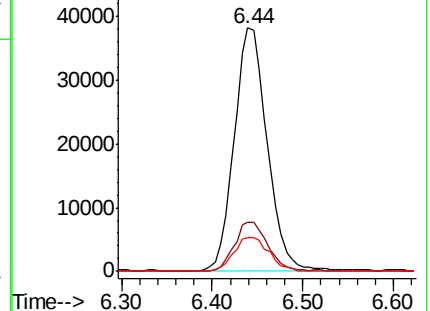
87 15.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.460 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX011052.D

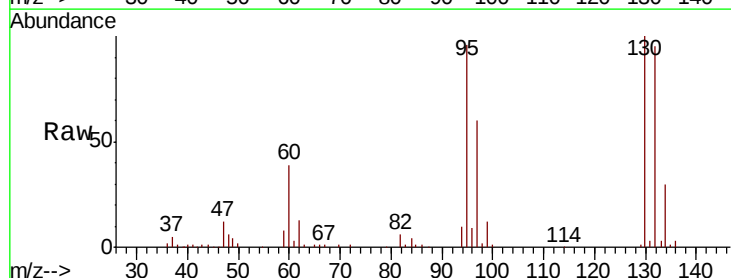
Acq: 23 Jul 2019 12:08

Tgt Ion:130 Resp: 51797

Ion Ratio Lower Upper

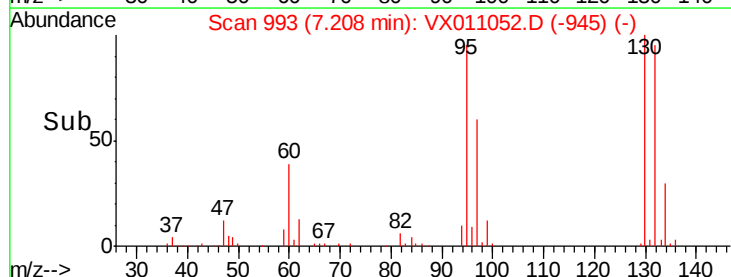
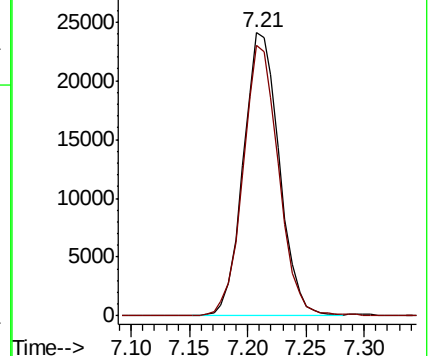
130 100

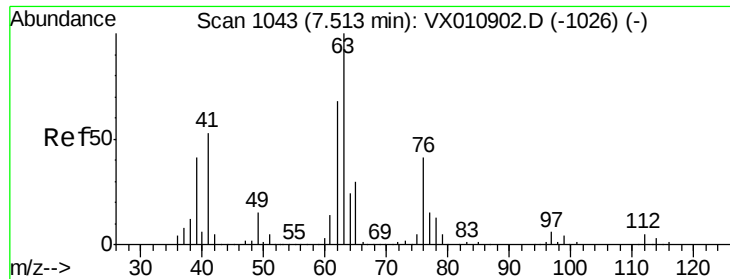
95 95.5 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

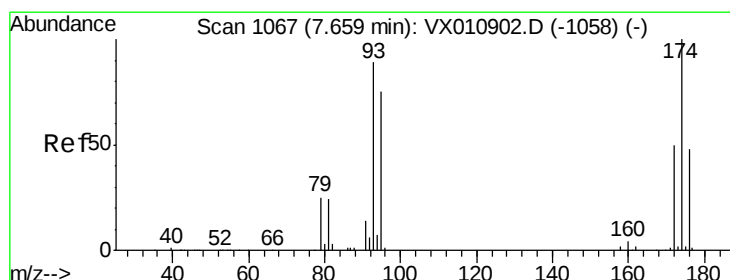
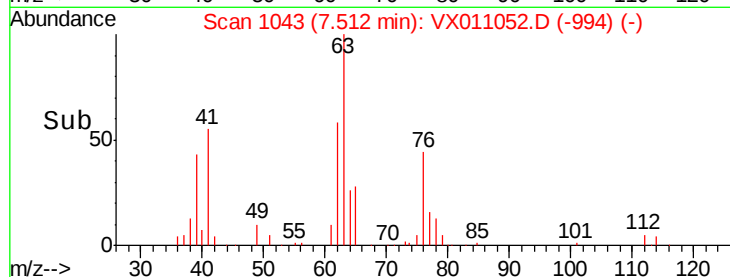
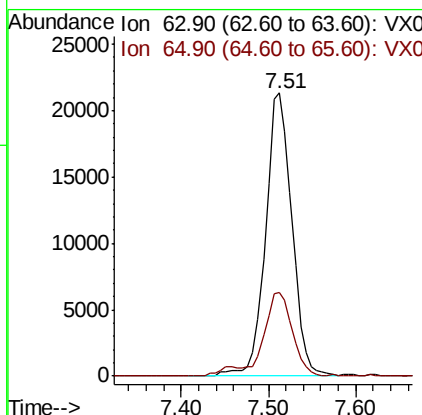
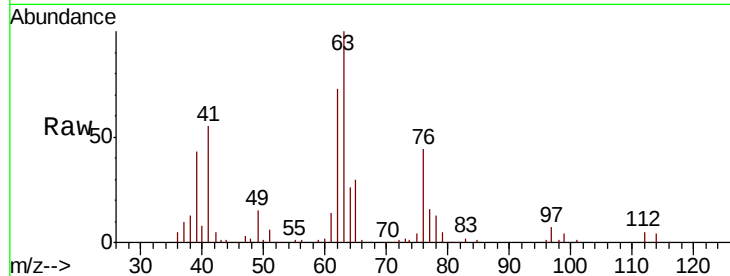




#45
 1,2-Dichloropropane
 Concen: 19.514 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

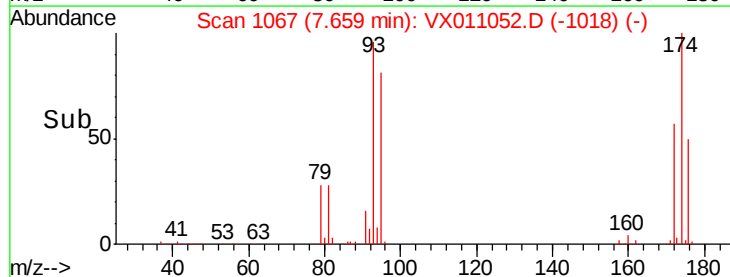
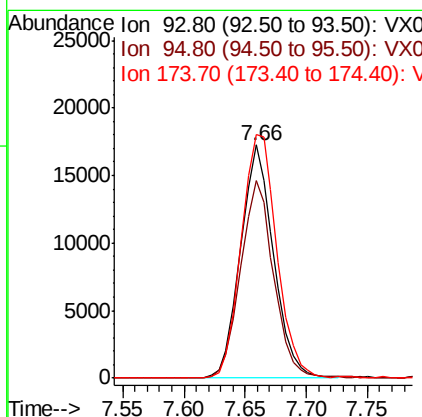
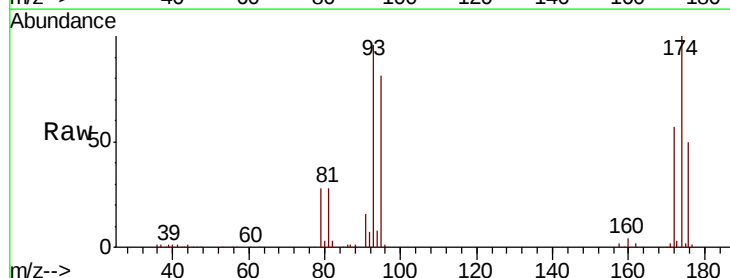
Instrument :
 MSVOA_X
 ClientSampled :

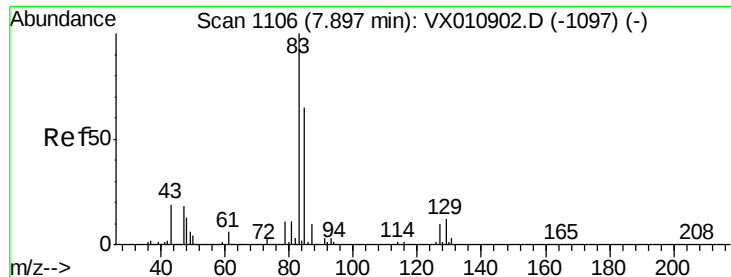
Tot Ion: 63 Resp: 44662
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.4 36.6



#46
 Dibromomethane
 Concen: 19.768 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion: 93 Resp: 32329
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.2 100.8
 174 112.3 90.6 135.8

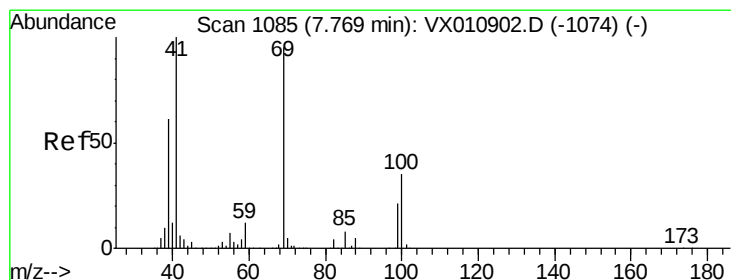
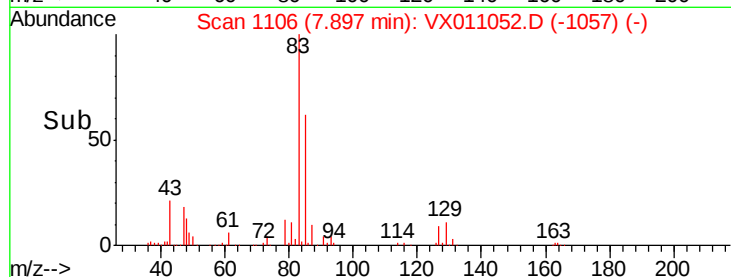
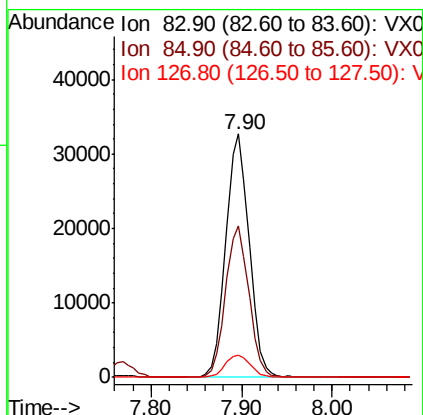
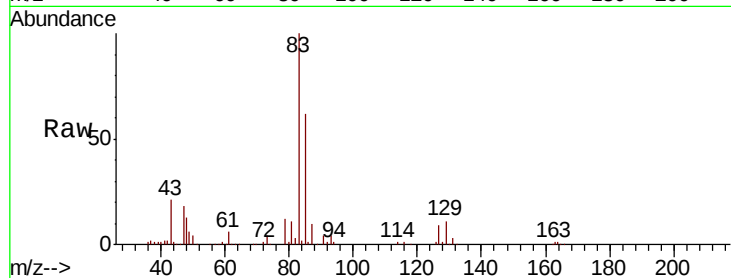




#47
Bromodichloromethane
Concen: 20.226 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

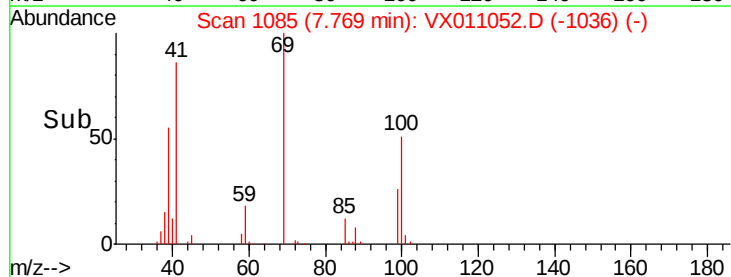
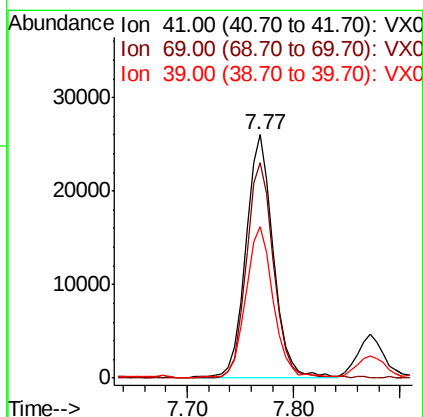
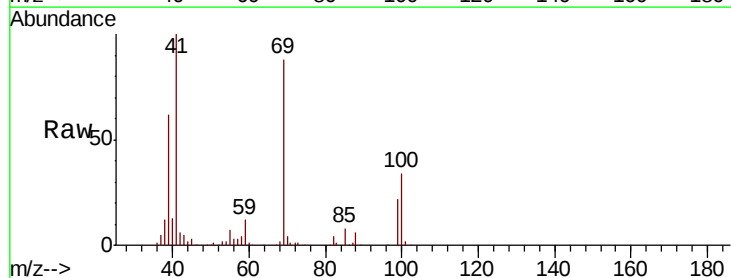
Instrument :
MSVOA_X
ClientSampleId :

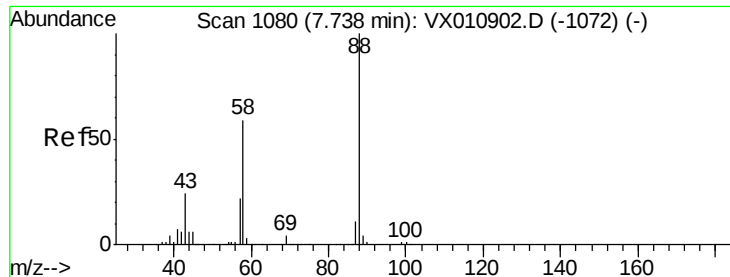
Tot Ion: 83 Resp: 58881
Ion Ratio Lower Upper
83 100
85 62.3 52.5 78.7
127 9.1 7.8 11.8



#48
Methyl methacrylate
Concen: 19.269 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 41 Resp: 46397
Ion Ratio Lower Upper
41 100
69 89.3 74.4 111.6
39 62.7 48.9 73.3

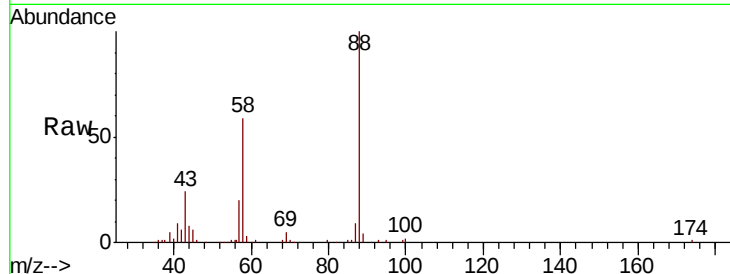




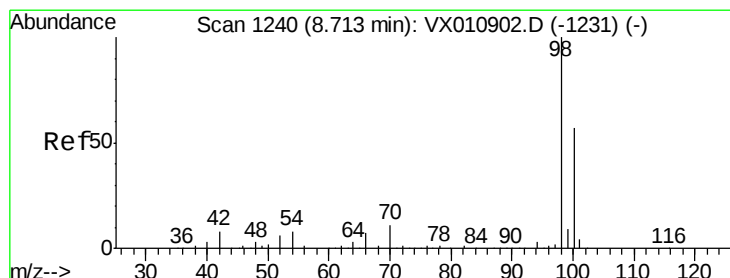
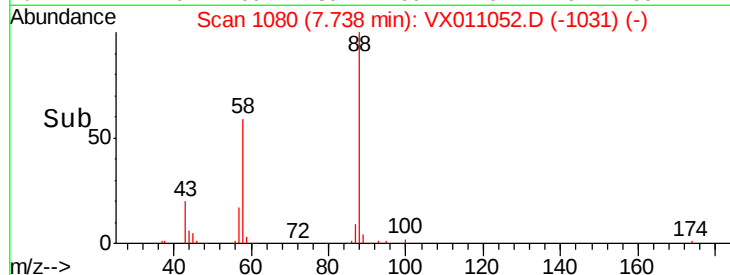
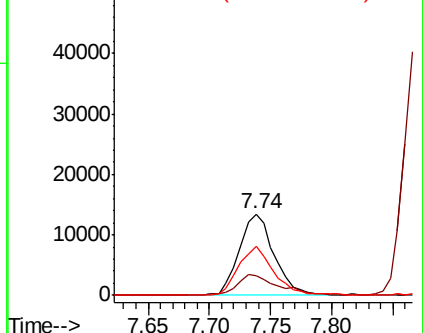
#49
1,4-Dioxane
Concen: 396.138 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 26681
Ion Ratio Lower Upper
88 100
43 30.1 22.9 34.3
58 61.2 49.8 74.8

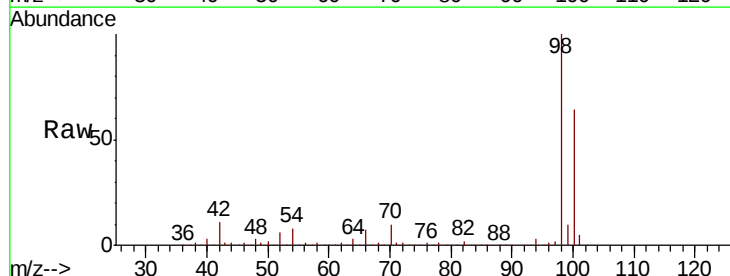


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

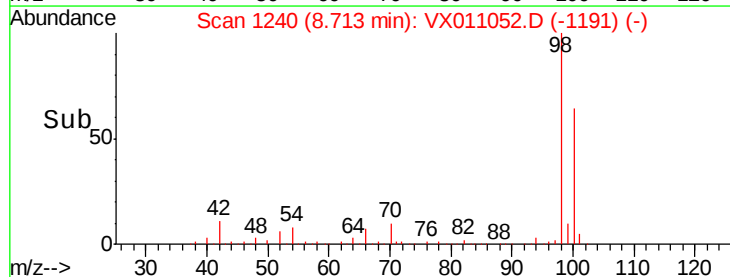
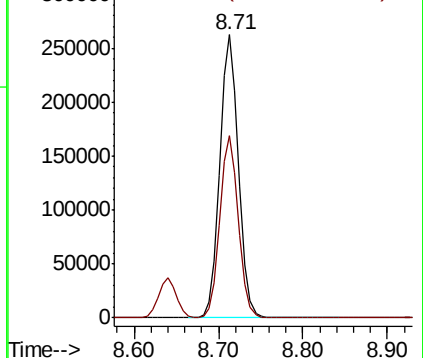


#50
Toluene-d8
Concen: 47.074 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 98 Resp: 400502
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

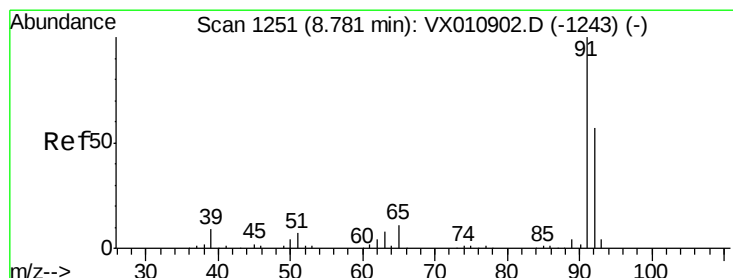
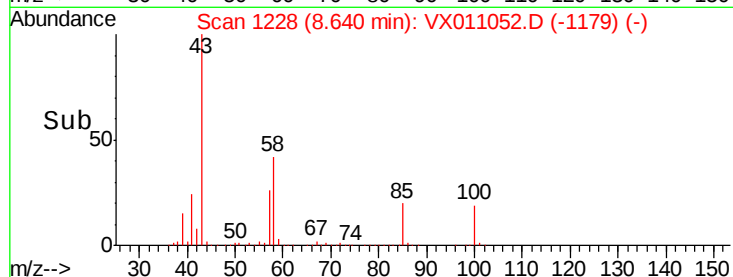
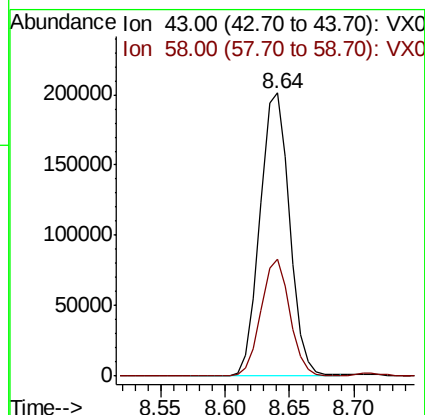
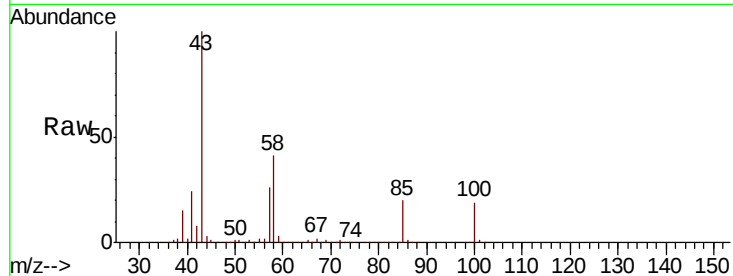




#51
4-Methyl-2-Pentanone
Concen: 99.663 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

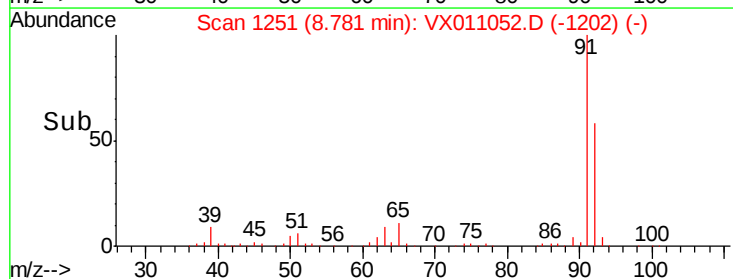
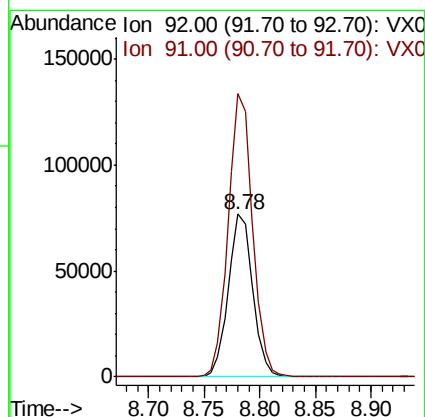
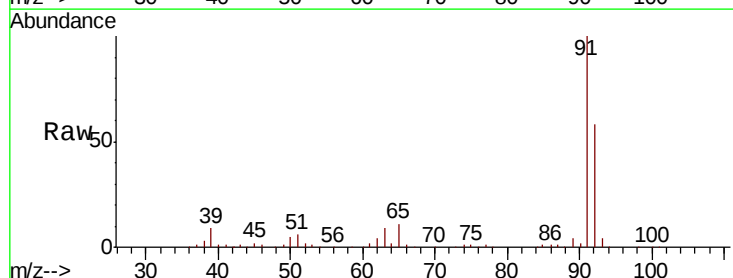
Instrument :
MSVOA_X
ClientSampled :

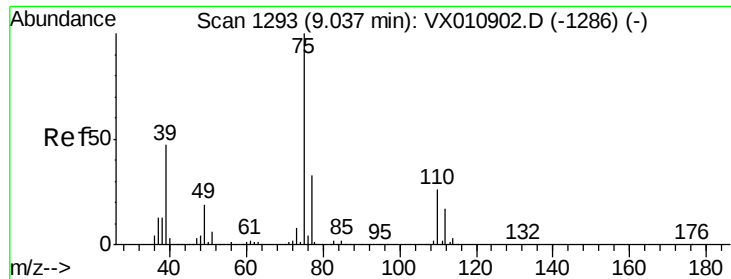
Tot Ion: 43 Resp: 319325
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.4



#52
Toluene
Concen: 19.746 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 92 Resp: 116643
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 19.438 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

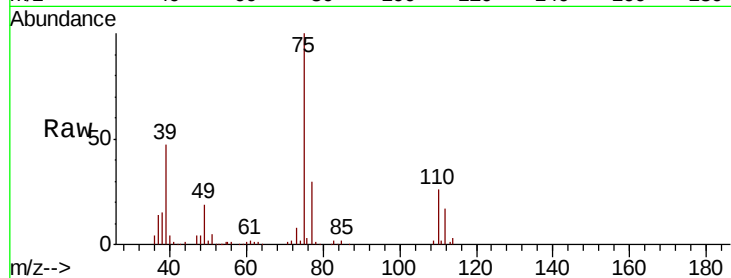
ClientSampleId :

Tot Ion: 75 Resp: 60847

Ion Ratio Lower Upper

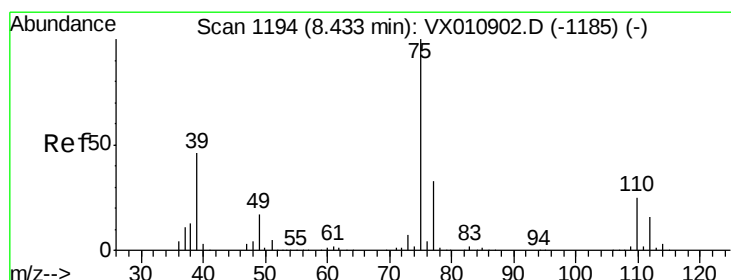
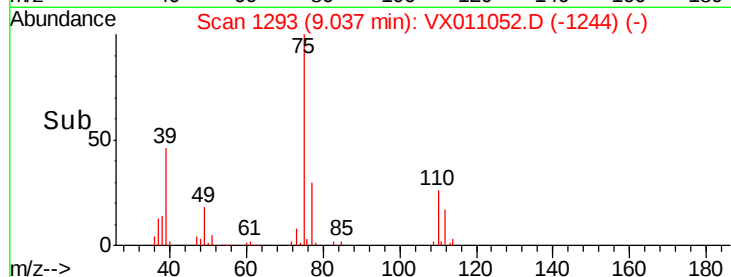
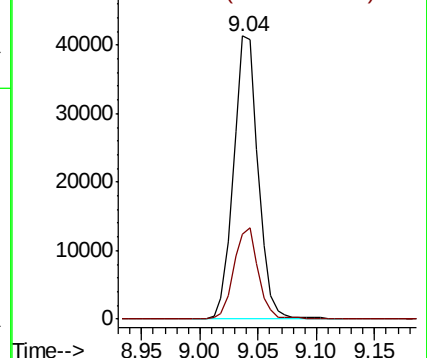
75 100

77 30.0 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.723 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

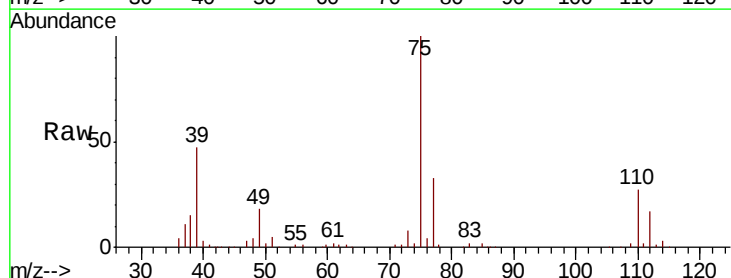
Tgt Ion: 75 Resp: 68700

Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1

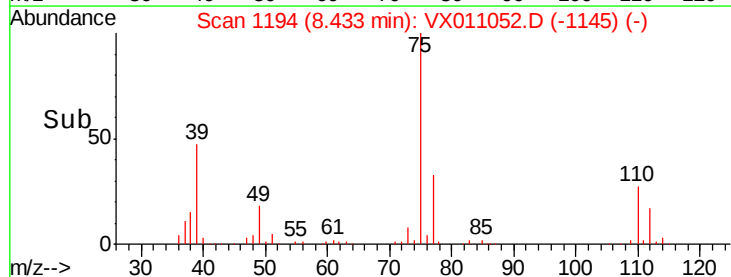
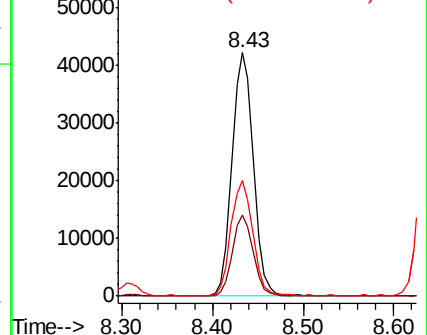
39 47.1 36.6 54.8

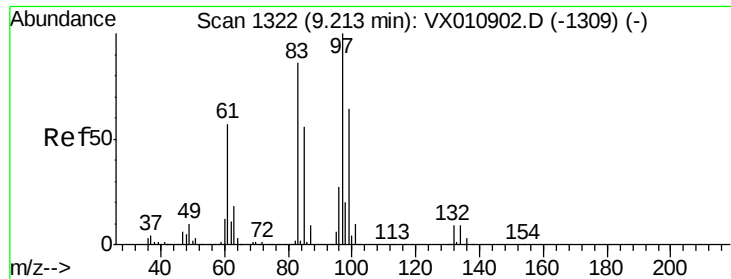


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

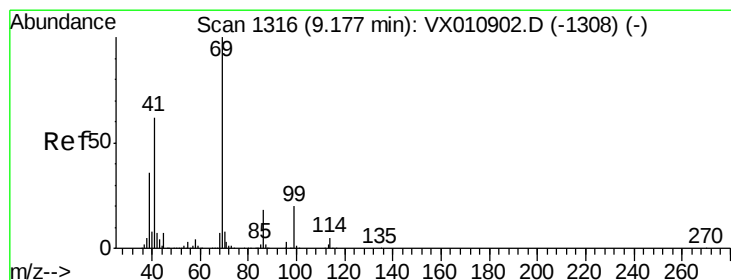
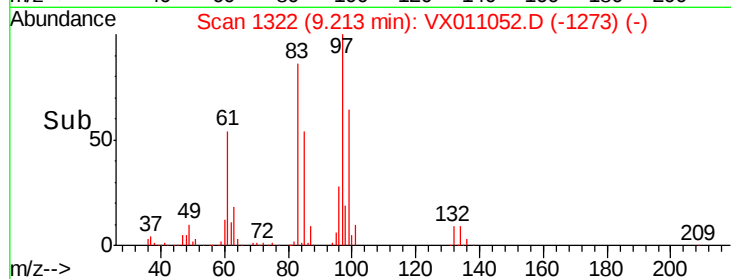
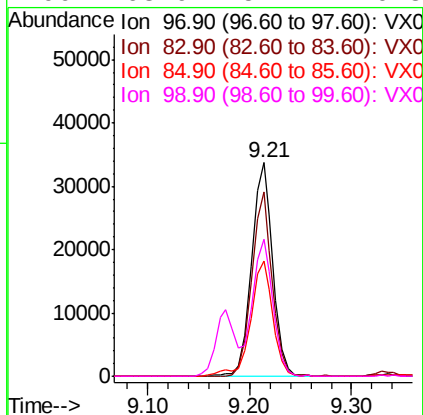
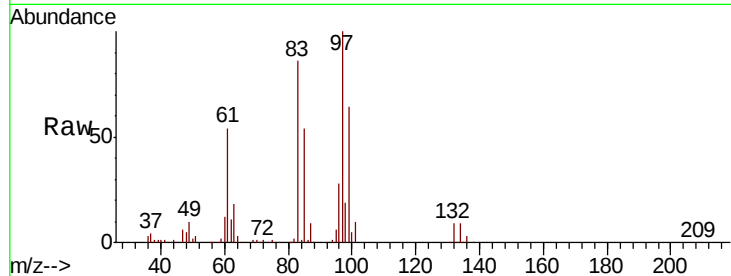




#55
 1,1,2-Trichloroethane
 Concen: 20.072 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

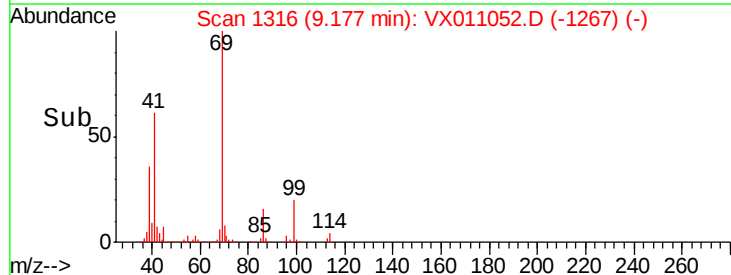
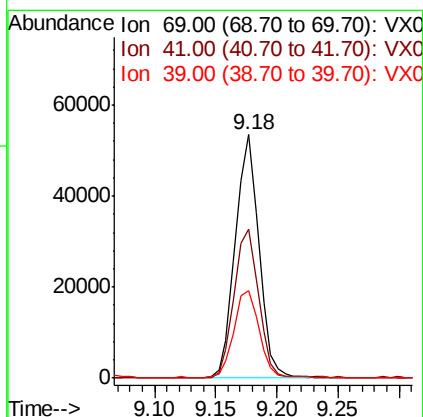
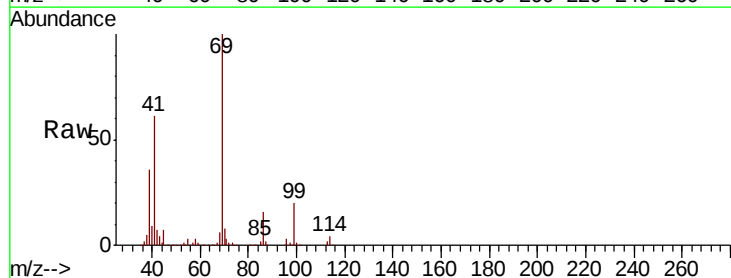
Instrument :
 MSVOA_X
 ClientSampled :

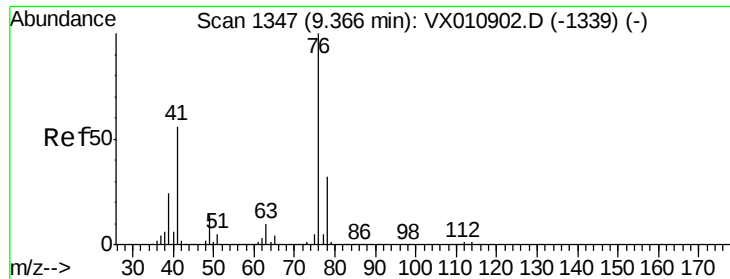
Tot Ion:	97	Resp:	48821
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.2	103.8
85	53.6	44.6	66.8
99	63.9	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.117 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion:	69	Resp:	71574
Ion	Ratio	Lower	Upper
69	100		
41	63.0	49.7	74.5
39	38.6	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.658 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

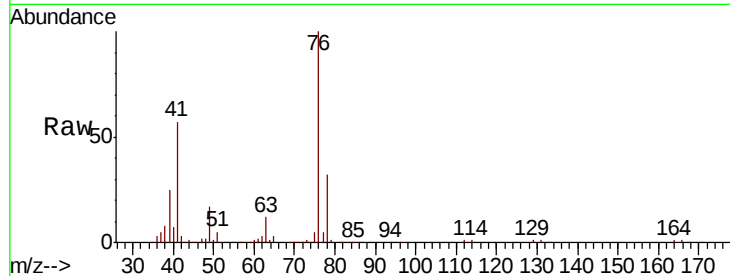
ClientSampleId :

Tot Ion: 76 Resp: 75851

Ion Ratio Lower Upper

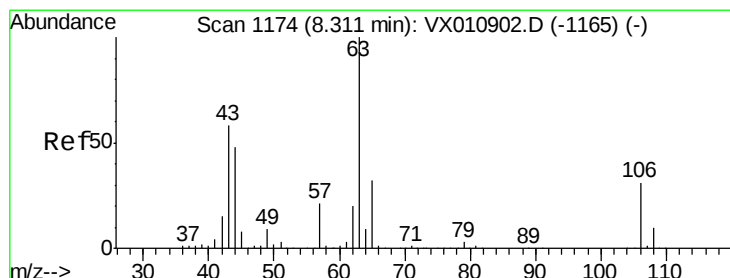
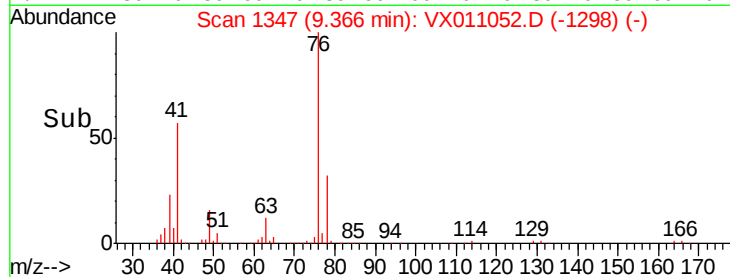
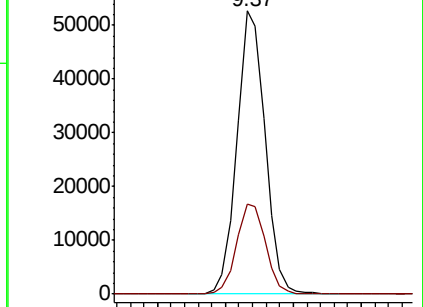
76 100

78 33.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX011052.D (-1298) (-)

Ion 77.90 (77.60 to 78.60): VX011052.D (-1298) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 95.696 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011052.D

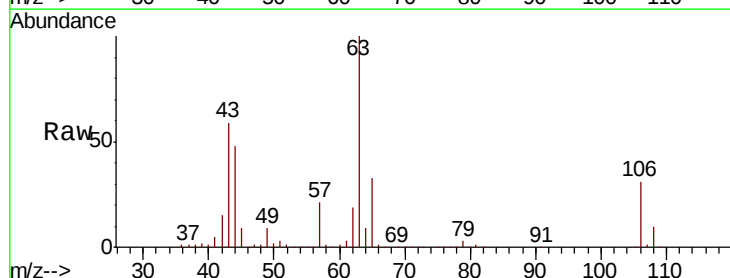
Acq: 23 Jul 2019 12:08

Tgt Ion: 63 Resp: 162530

Ion Ratio Lower Upper

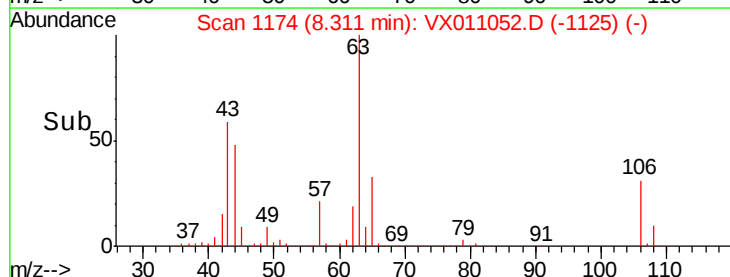
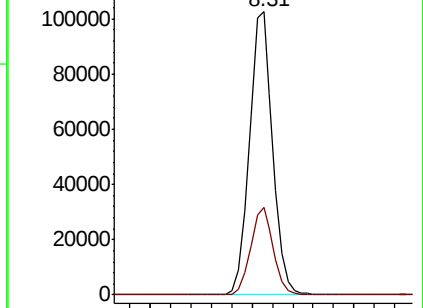
63 100

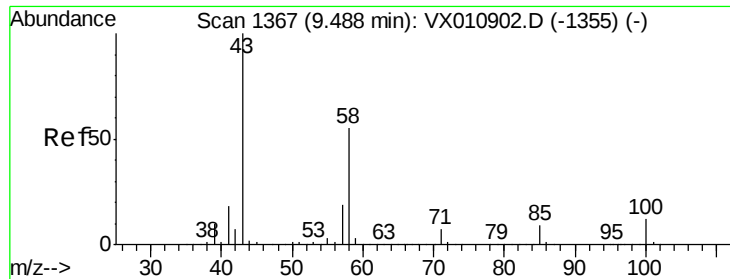
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX011052.D (-1125) (-)

Ion 105.90 (105.60 to 106.60): VX011052.D (-1125) (-)

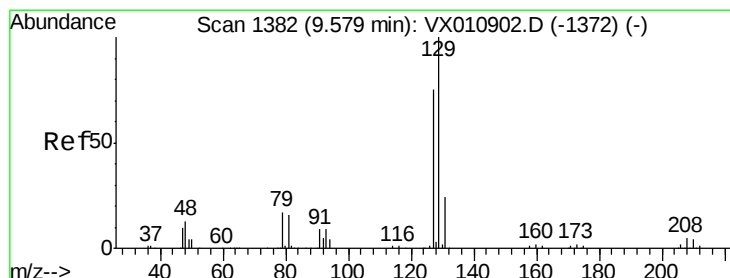
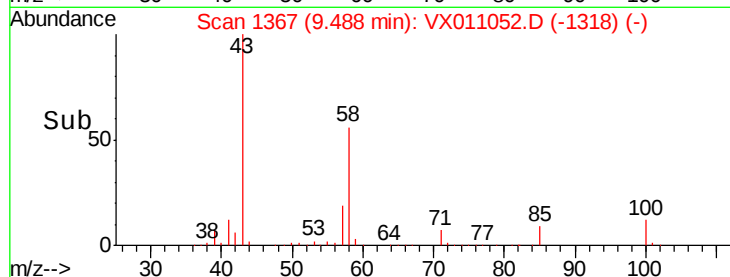
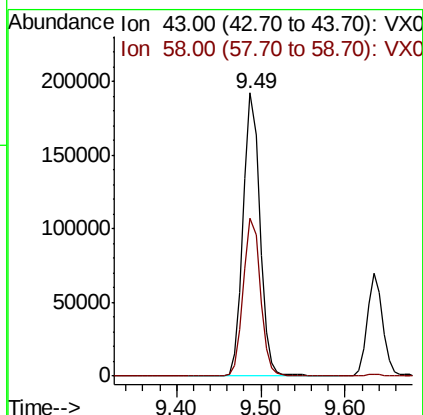
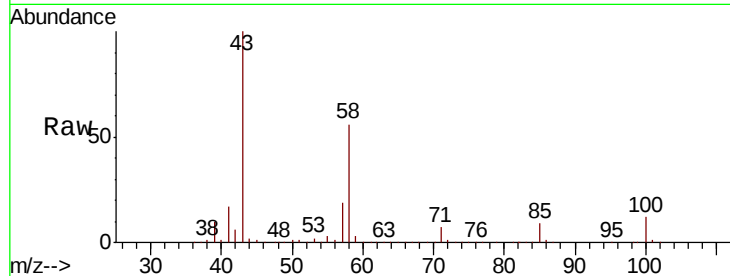




#59
 2-Hexanone
 Concen: 102.459 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

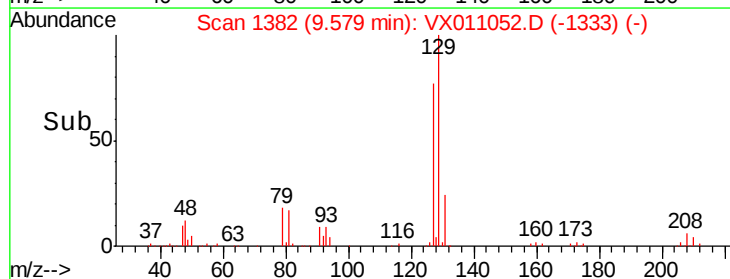
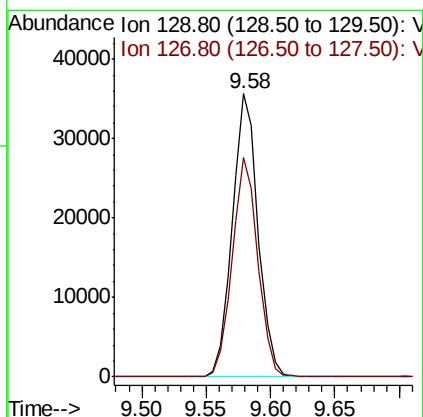
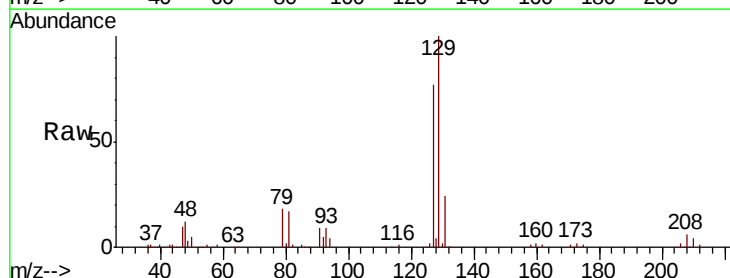
Instrument :
 MSVOA_X
 ClientSampled :

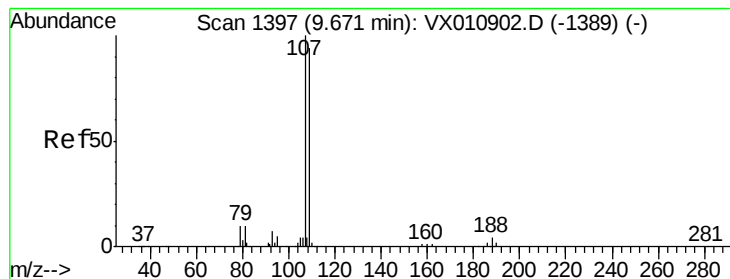
Tot Ion: 43 Resp: 254623
 Ion Ratio Lower Upper
 43 100
 58 56.6 28.0 83.9



#60
 Dibromochloromethane
 Concen: 19.350 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion:129 Resp: 49597
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.760 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

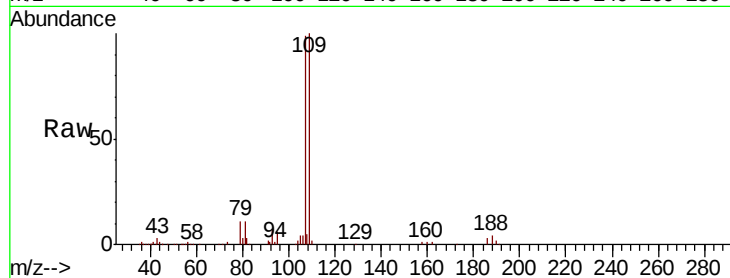
ClientSampleId :

Tot Ion:107 Resp: 51007

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

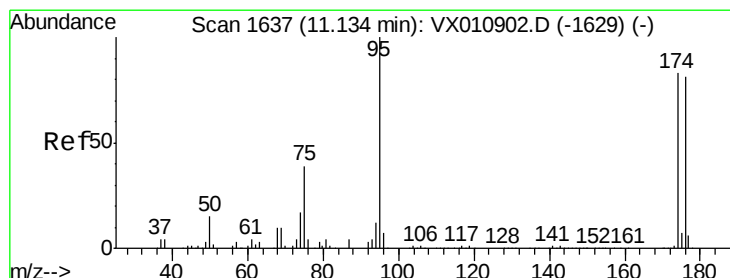
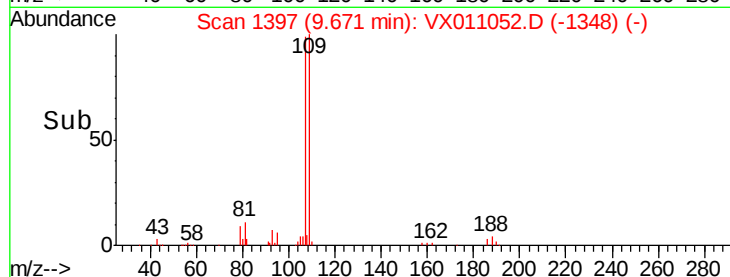
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.370 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

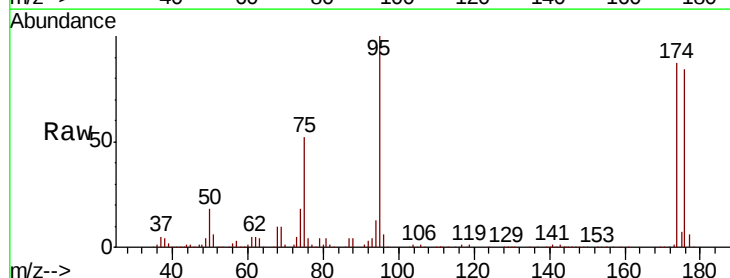
Tgt Ion: 95 Resp: 151266

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.6

176 87.4 0.0 173.8



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

150000

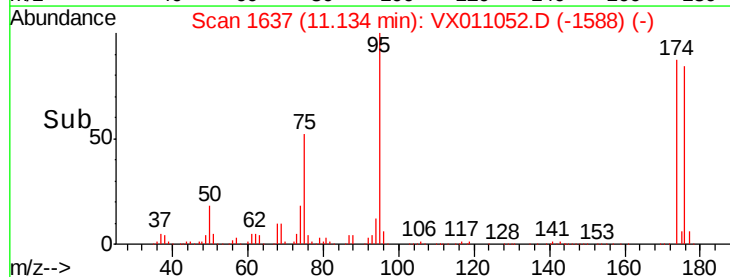
100000

50000

0

Time-->

11.05 11.10 11.15 11.20

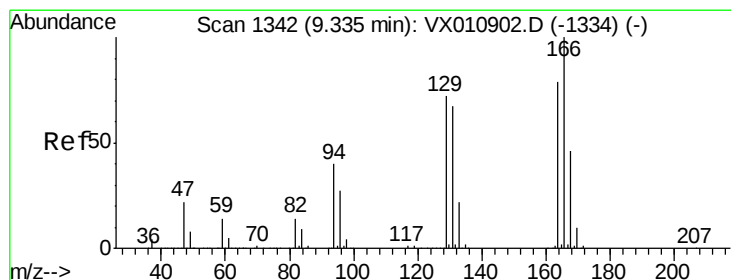
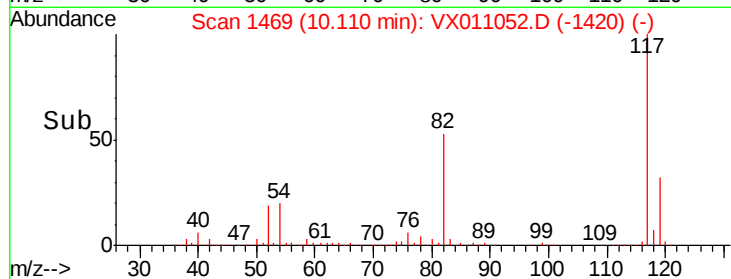
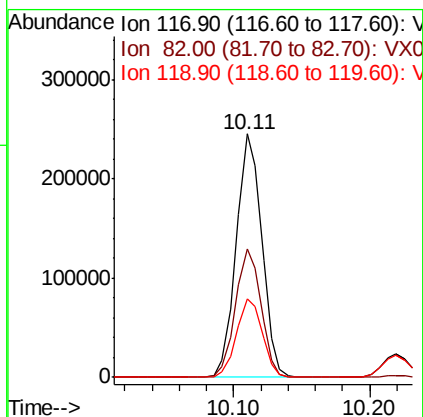
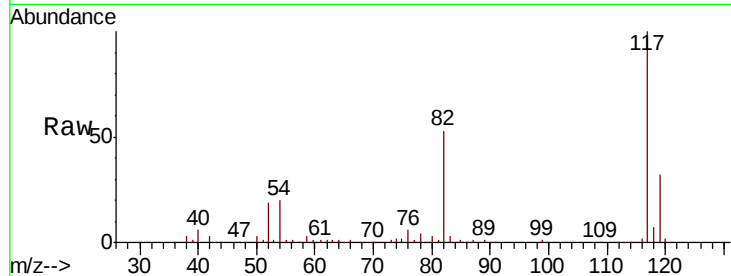




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

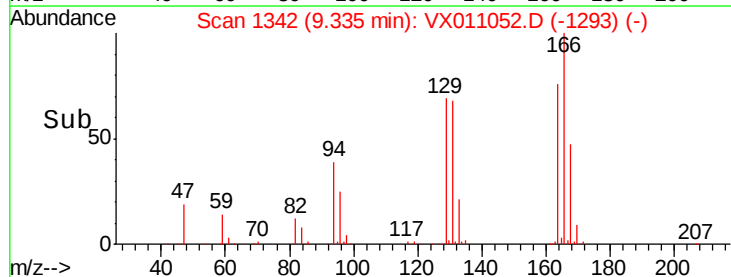
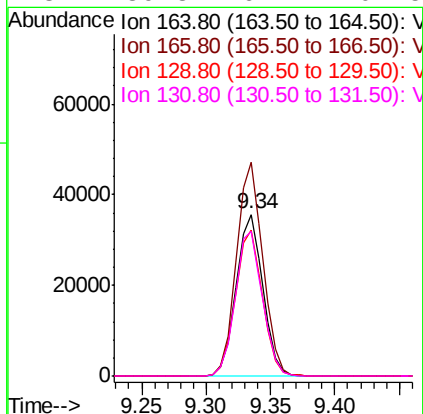
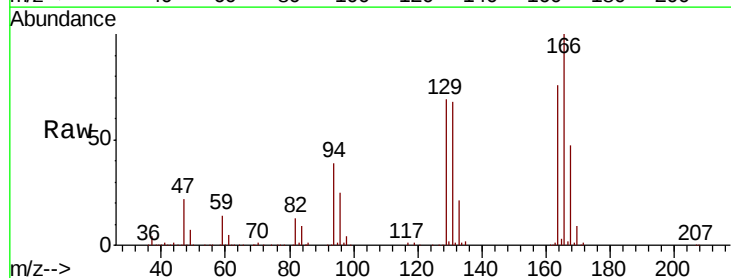
Instrument :
MSVOA_X
ClientSampleId :

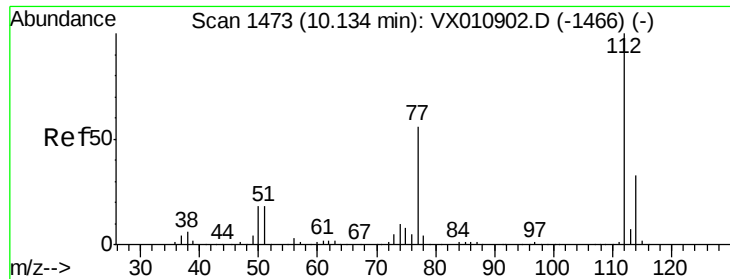
Tot Ion:117 Resp: 322603
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 20.173 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion:164 Resp: 51197
Ion Ratio Lower Upper
164 100
166 132.3 100.8 151.2
129 90.7 72.6 109.0
131 89.8 67.7 101.5

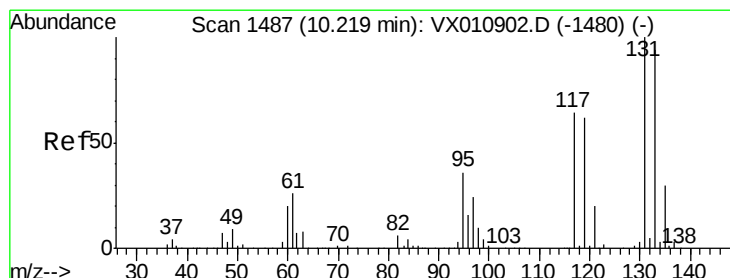
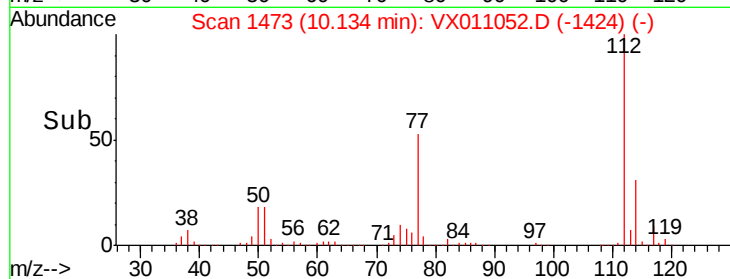
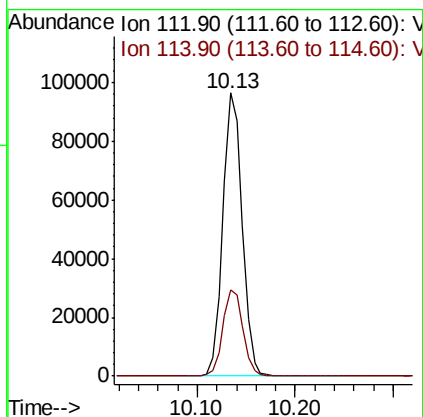
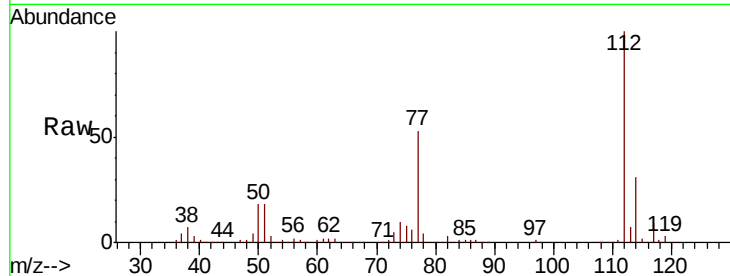




#65
Chlorobenzene
Concen: 19.987 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

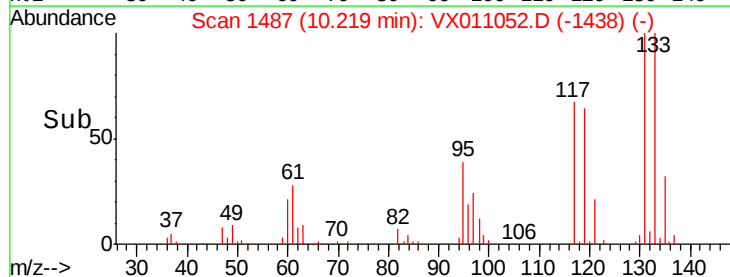
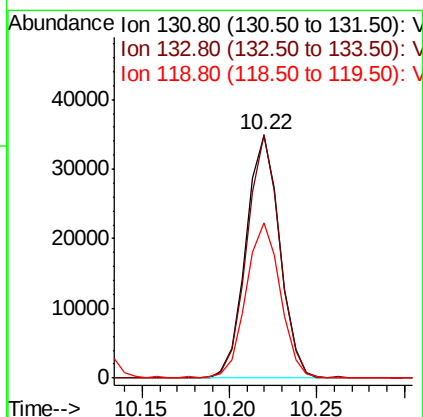
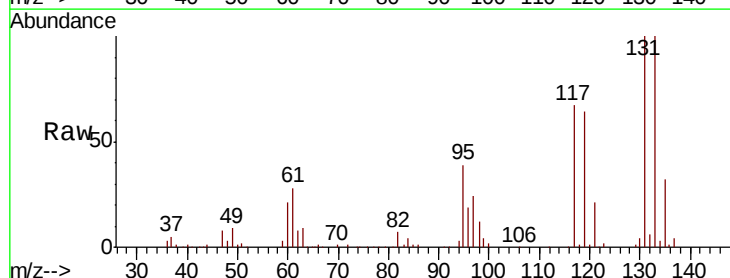
Instrument :
MSVOA_X
ClientSampled :

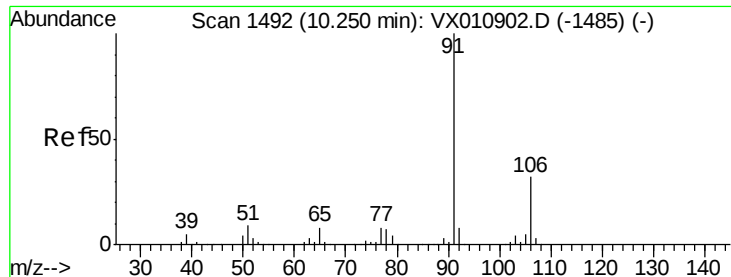
Tot Ion:112 Resp: 132435
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.099 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion:131 Resp: 46806
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 64.9 31.9 95.7





#67

Ethyl Benzene

Concen: 20.001 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

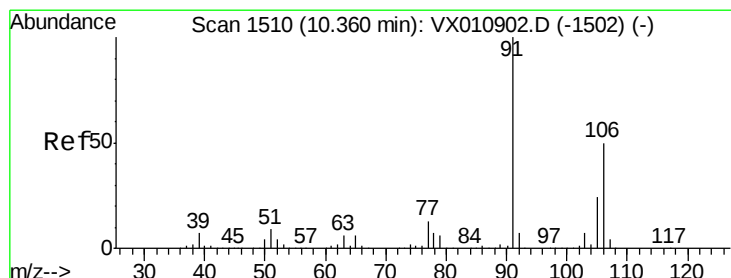
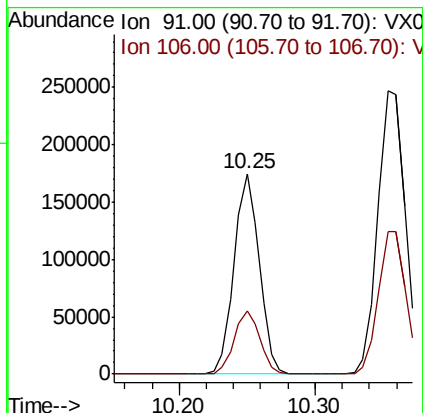
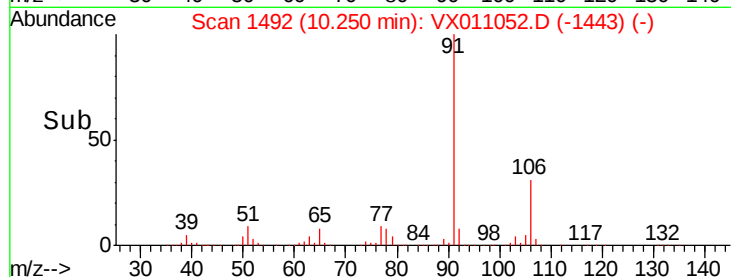
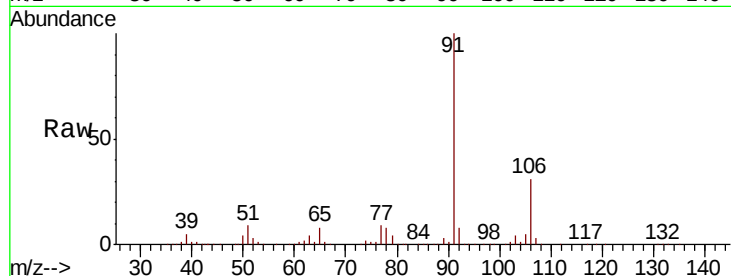
ClientSampleId :

Tot Ion: 91 Resp: 225577

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2



#68

m/p-Xylenes

Concen: 40.294 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011052.D

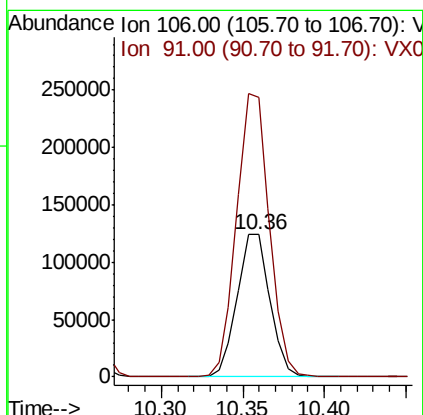
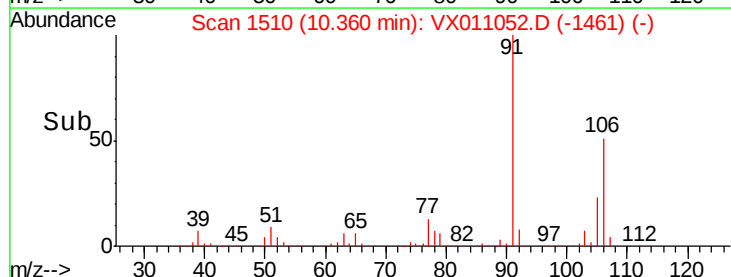
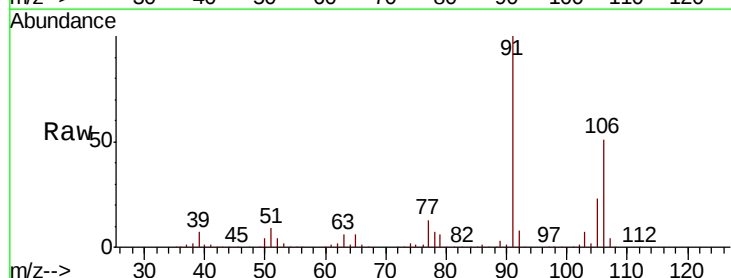
Acq: 23 Jul 2019 12:08

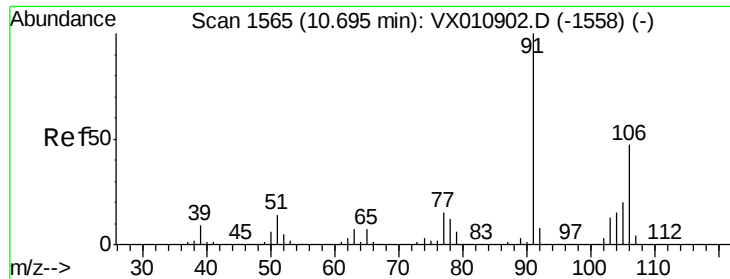
Tgt Ion: 106 Resp: 174322

Ion Ratio Lower Upper

106 100

91 199.0 160.1 240.1

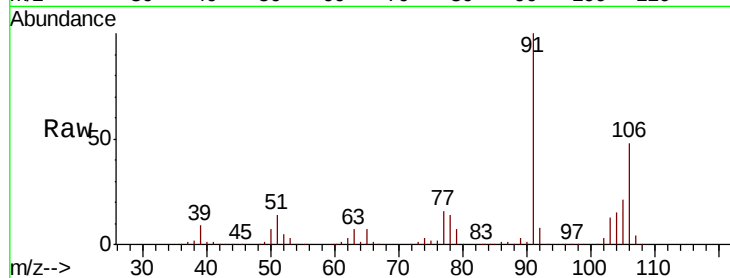




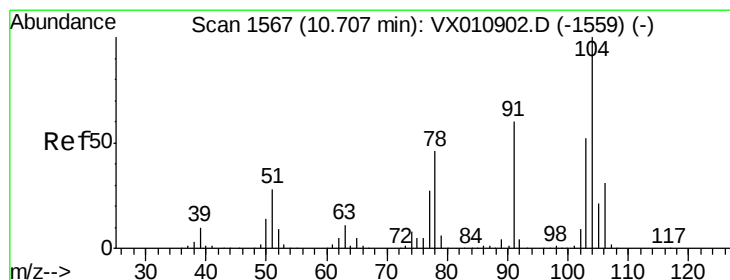
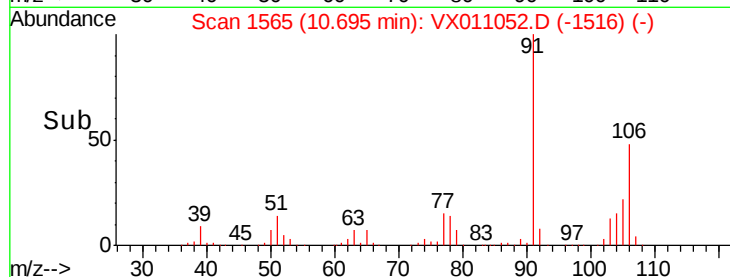
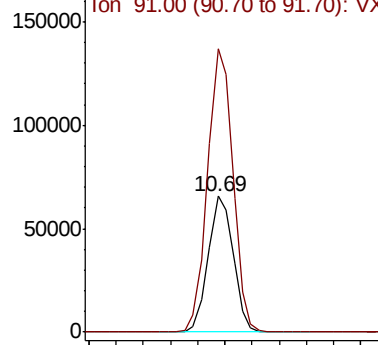
#69
o-Xylene
Concen: 20.010 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 84487
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.3

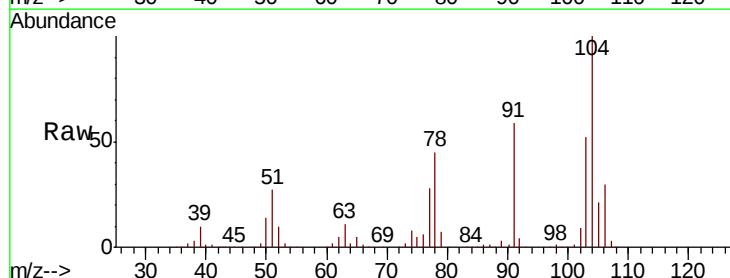


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

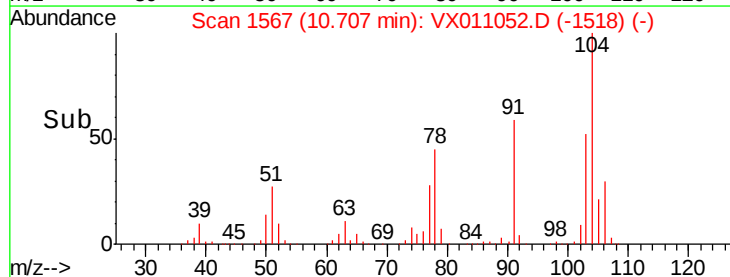
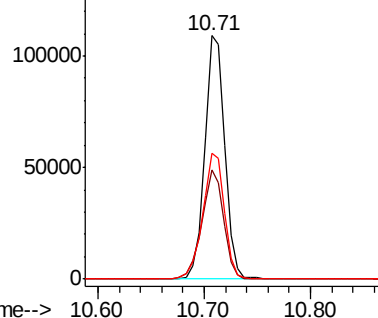


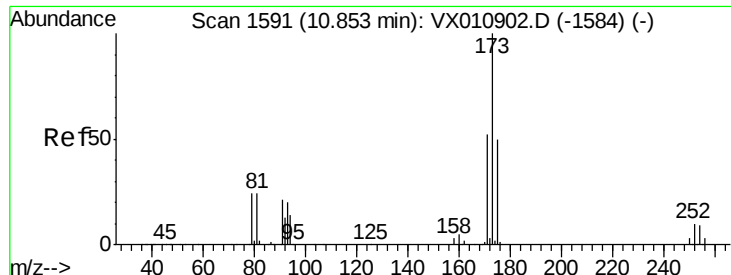
#70
Styrene
Concen: 20.425 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion:104 Resp: 143761
Ion Ratio Lower Upper
104 100
78 48.6 38.8 58.2
103 56.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.574 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

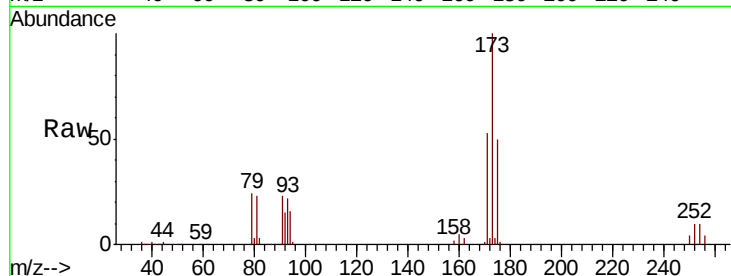
Tot Ion:173 Resp: 35803

Ion Ratio Lower Upper

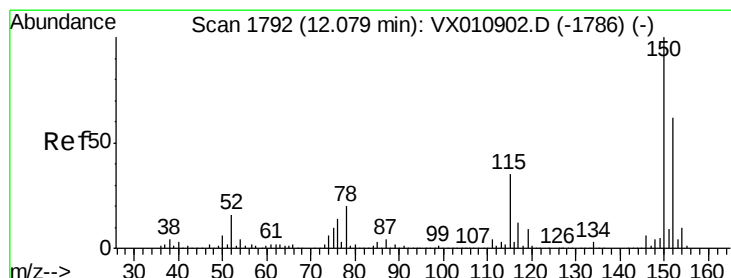
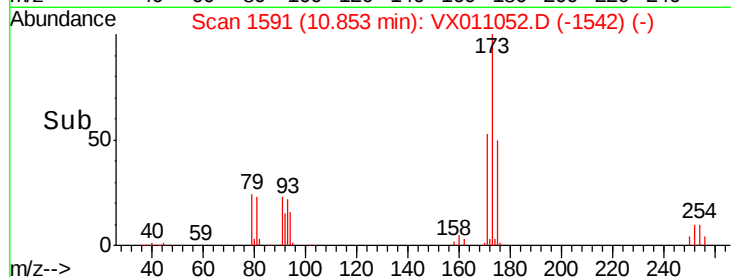
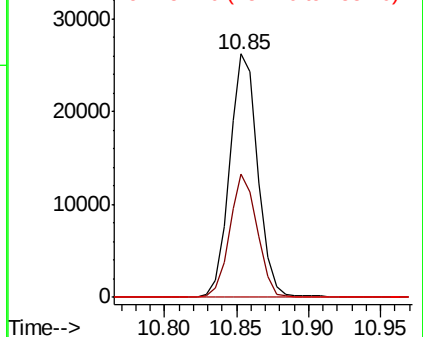
173 100

175 49.5 24.6 73.6

254 0.0 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: VX011052.D

Acq: 23 Jul 2019 12:08

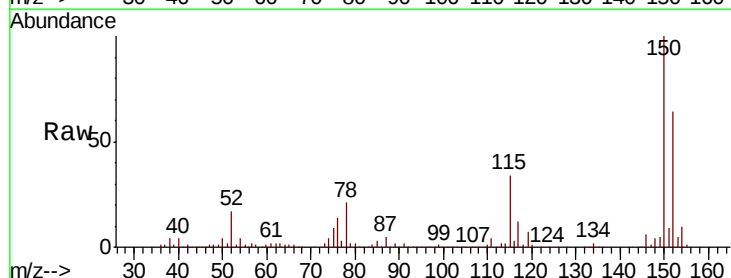
Tgt Ion:152 Resp: 174933

Ion Ratio Lower Upper

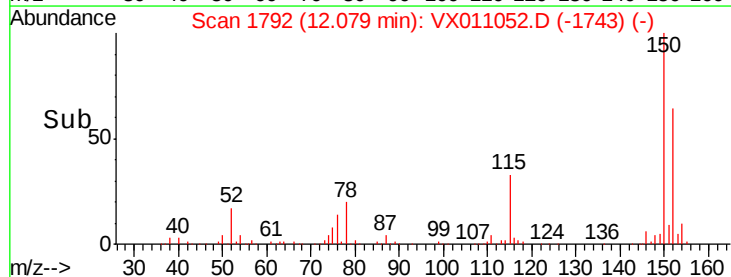
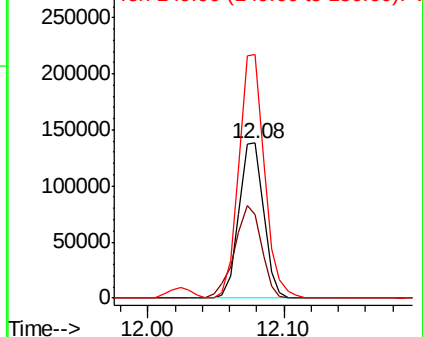
152 100

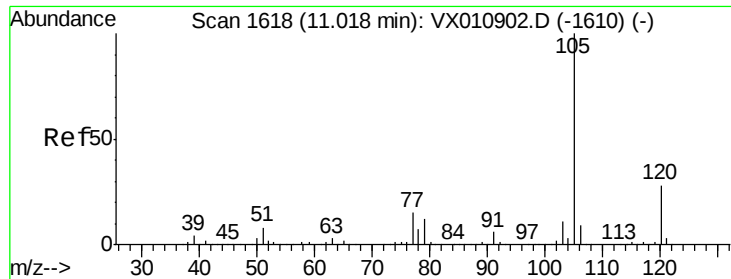
115 65.1 39.7 119.1

150 162.3 0.0 345.6



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: 19.590 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

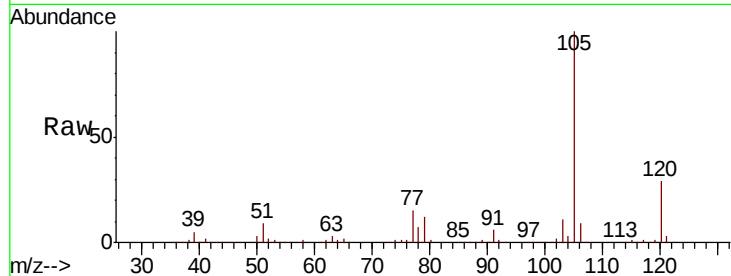
ClientSampleId :

Tot Ion:105 Resp: 231561

Ion Ratio Lower Upper

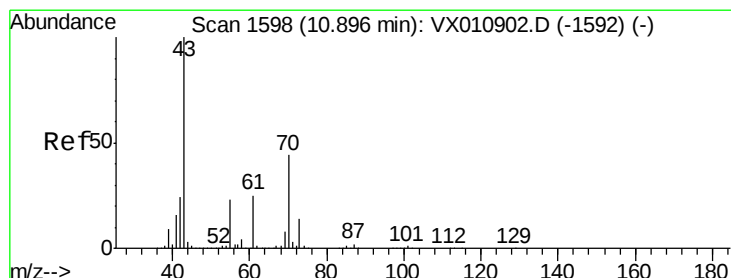
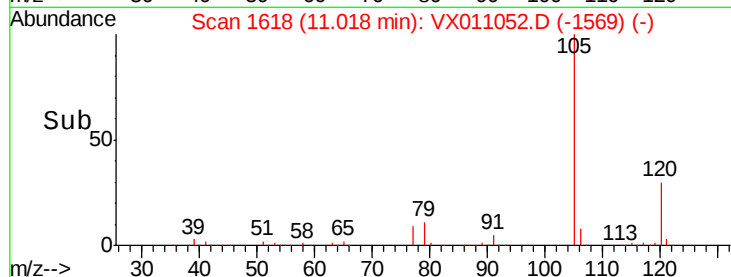
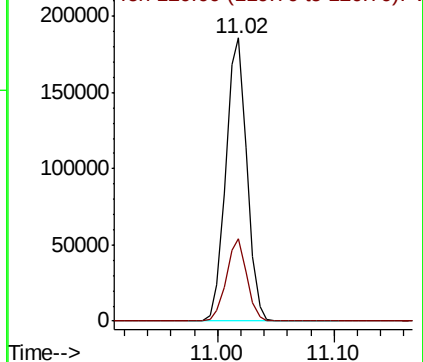
105 100

120 28.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.455 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion: 43 Resp: 87868

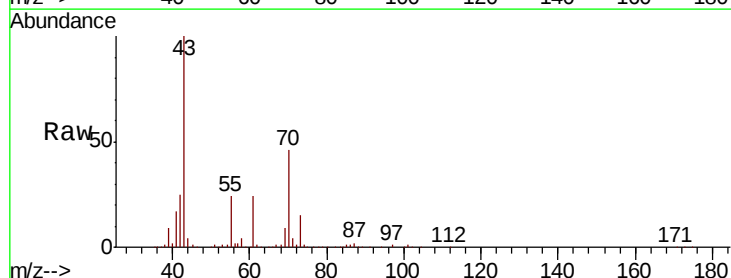
Ion Ratio Lower Upper

43 100

70 44.0 34.7 52.1

55 23.9 19.1 28.7

61 24.7 19.9 29.9

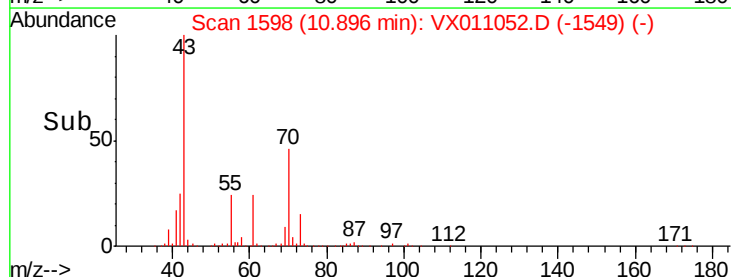
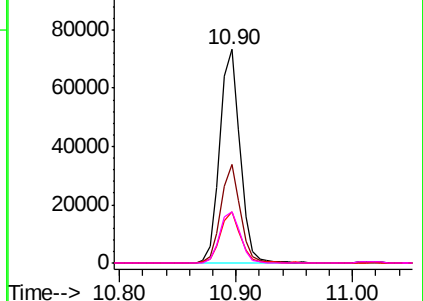


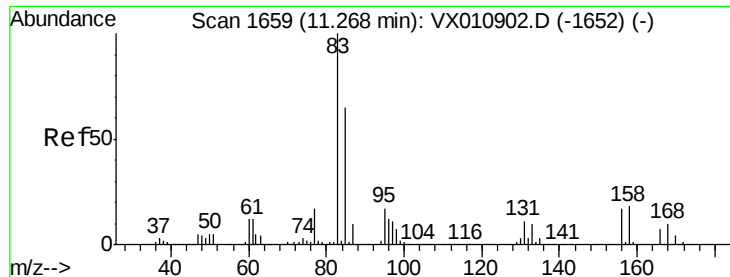
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.386 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

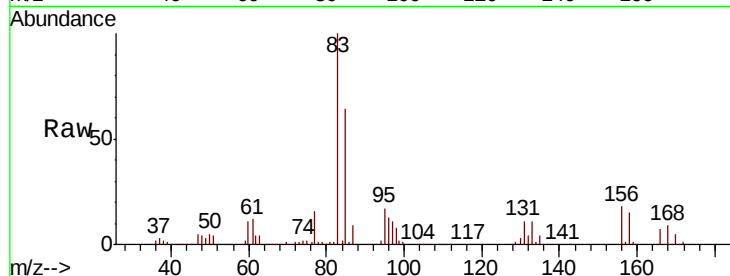
Tot Ion: 83 Resp: 74990

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

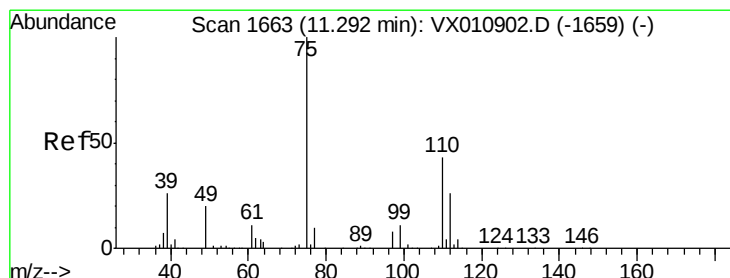
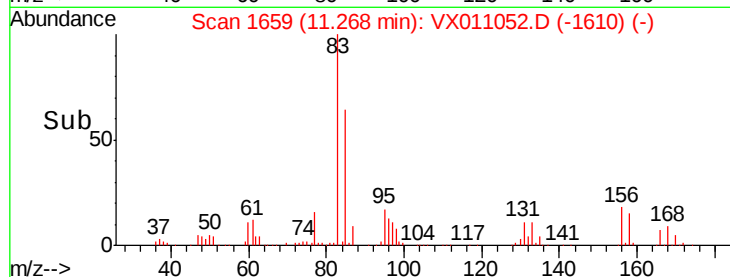
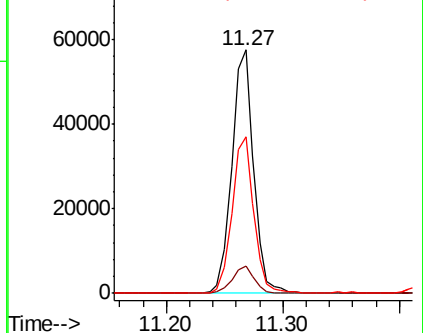
85 64.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.054 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011052.D

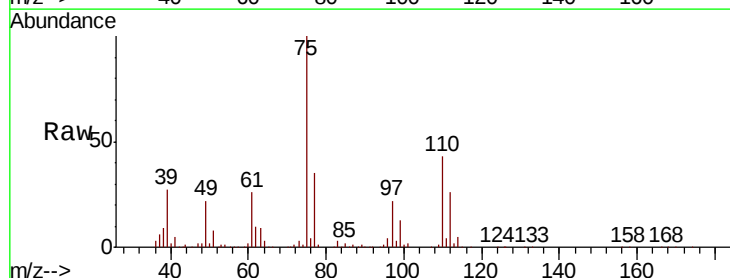
Acq: 23 Jul 2019 12:08

Tgt Ion: 75 Resp: 79089

Ion Ratio Lower Upper

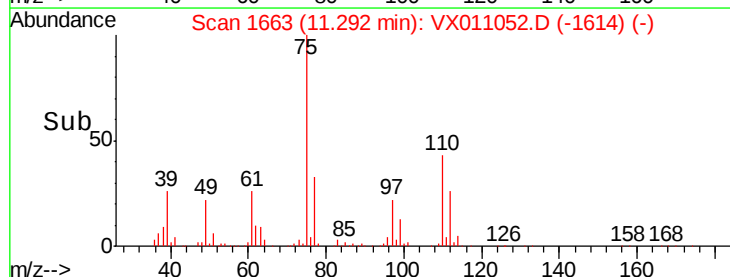
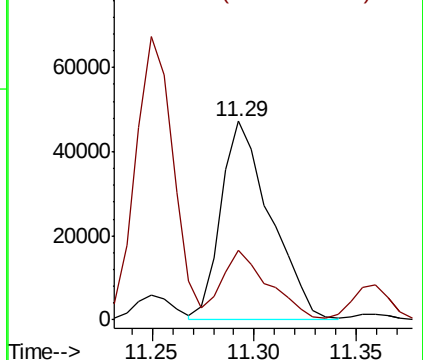
75 100

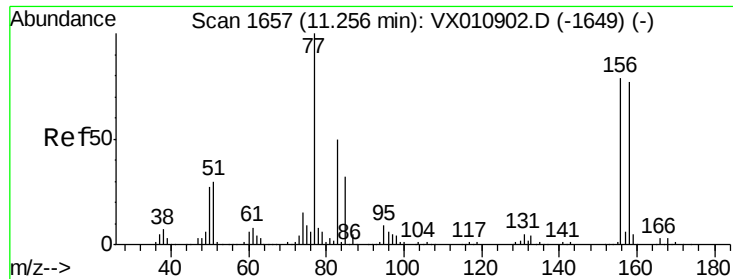
77 33.1 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.427 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

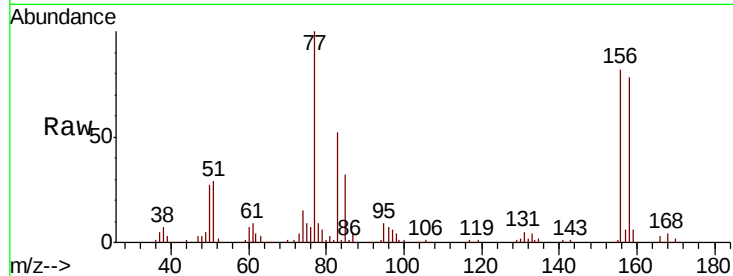
Tot Ion:156 Resp: 63340

Ion Ratio Lower Upper

156 100

77 136.4 68.7 206.1

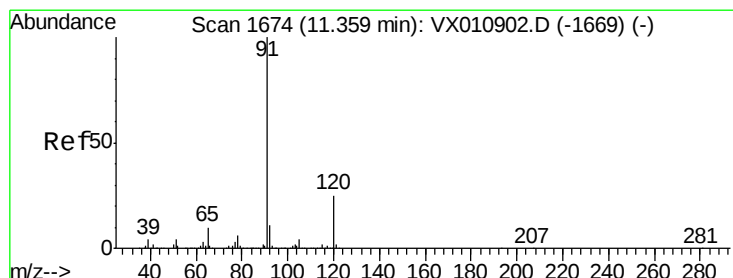
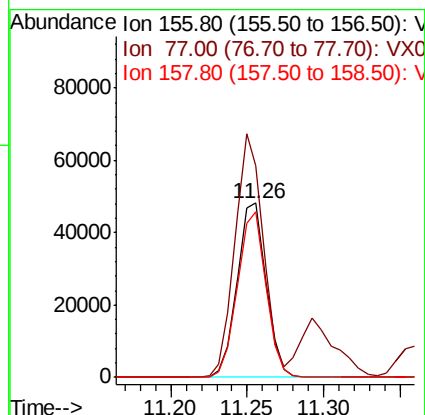
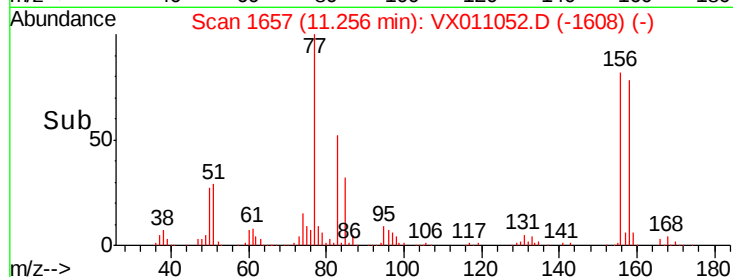
158 93.4 47.9 143.7



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: 19.892 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011052.D

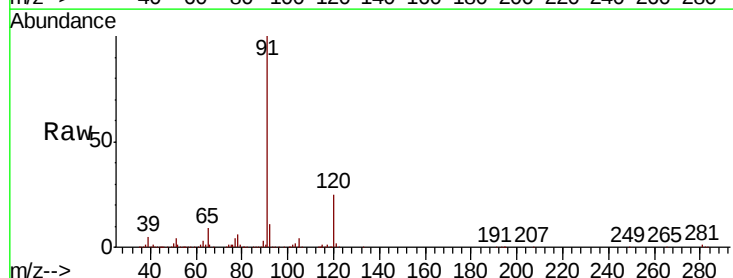
Acq: 23 Jul 2019 12:08

Tgt Ion: 91 Resp: 259797

Ion Ratio Lower Upper

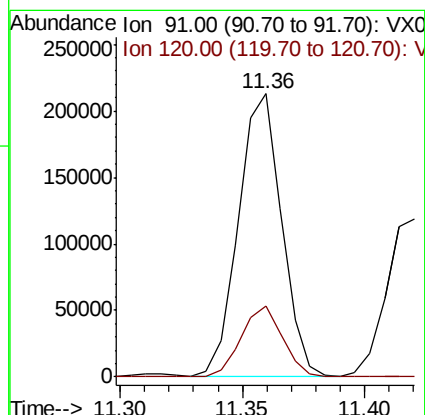
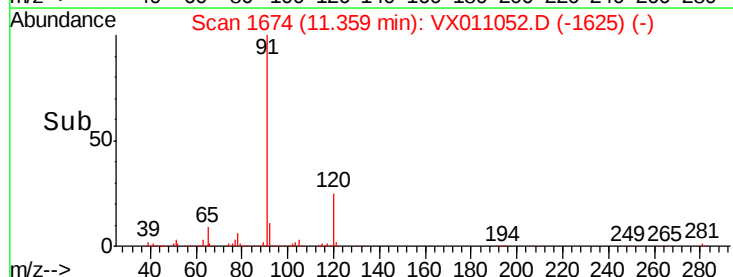
91 100

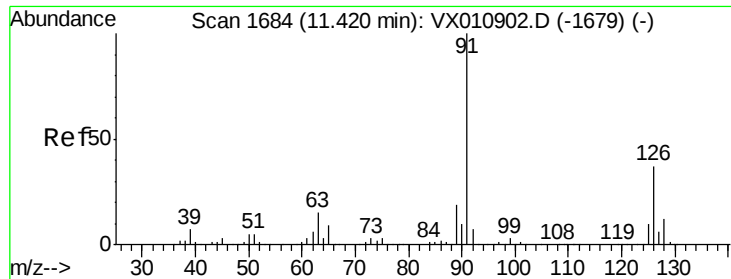
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.331 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

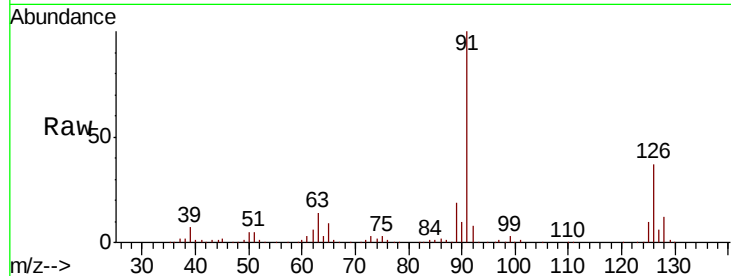
ClientSampled :

Tot Ion: 91 Resp: 151665

Ion Ratio Lower Upper

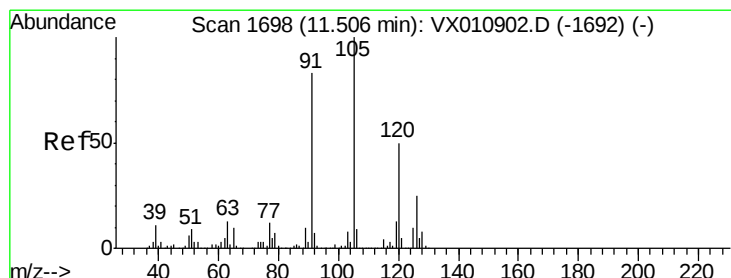
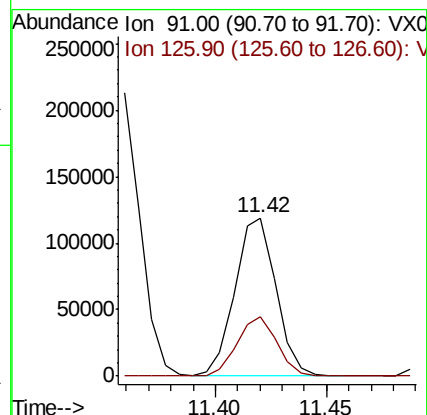
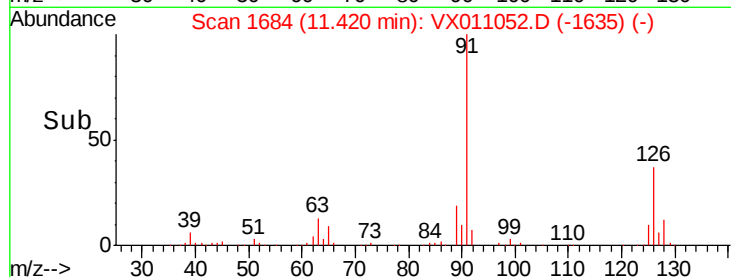
91 100

126 36.9 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX011052.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011052.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.689 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011052.D

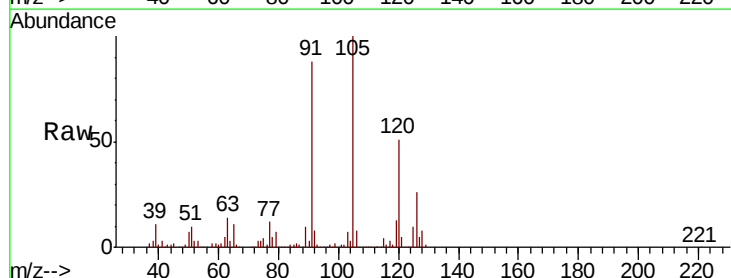
Acq: 23 Jul 2019 12:08

Tgt Ion: 105 Resp: 194469

Ion Ratio Lower Upper

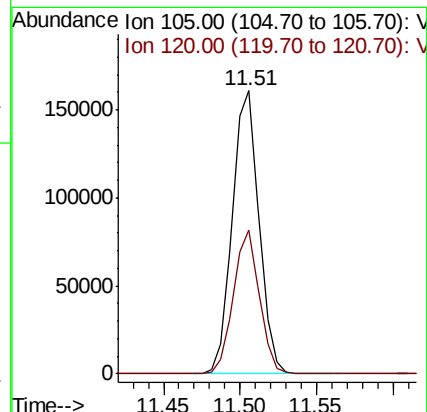
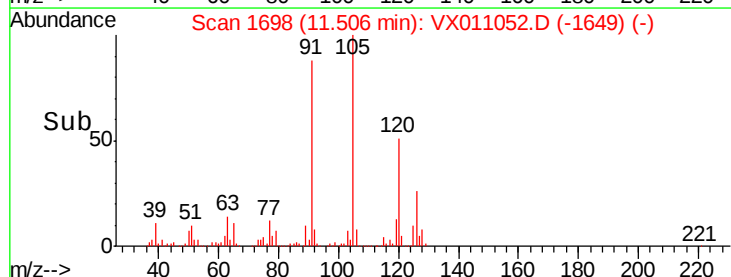
105 100

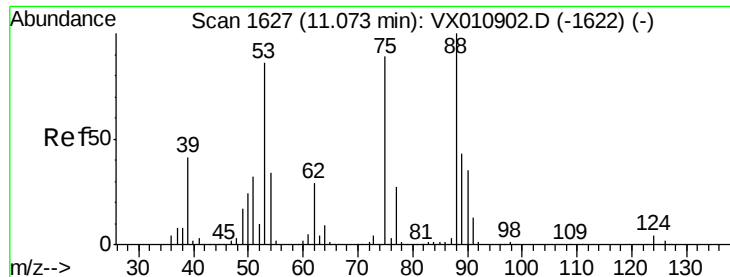
120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011052.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011052.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.825 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampled :

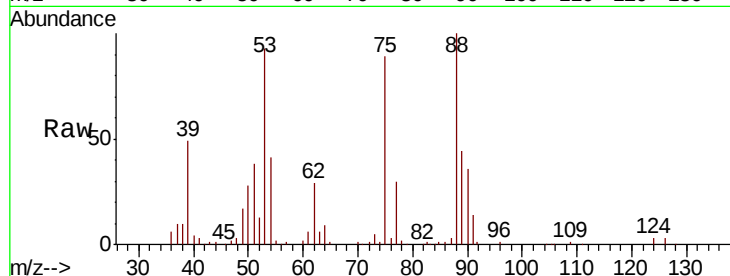
Tot Ion: 75 Resp: 20097

Ion Ratio Lower Upper

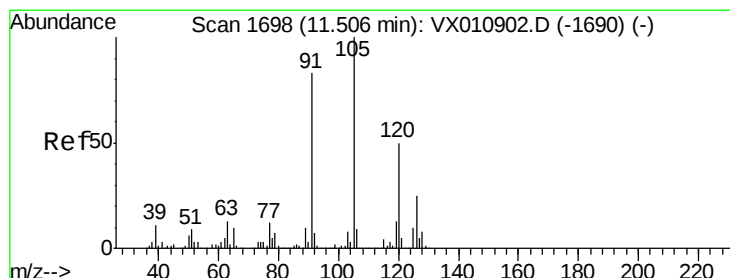
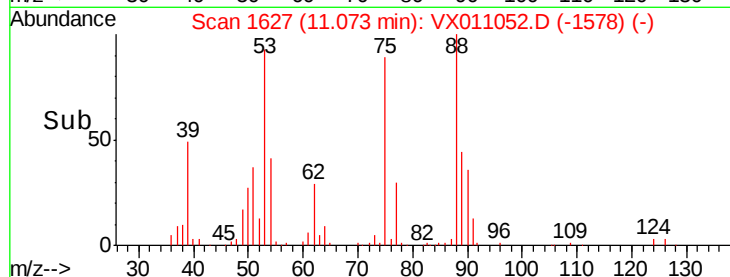
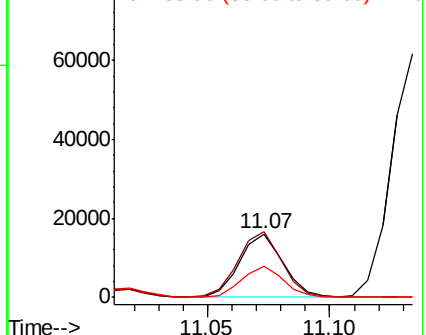
75 100

53 105.3 76.7 115.1

89 46.4 38.5 57.7



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: 19.572 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011052.D

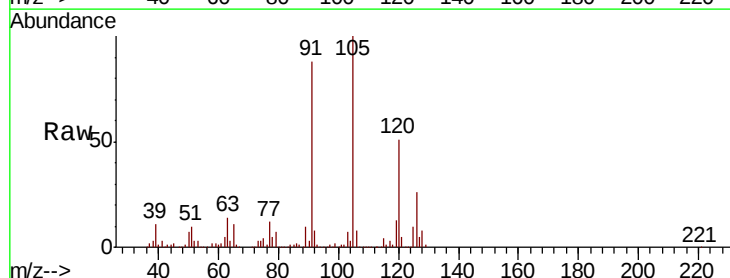
Acq: 23 Jul 2019 12:08

Tgt Ion: 91 Resp: 178718

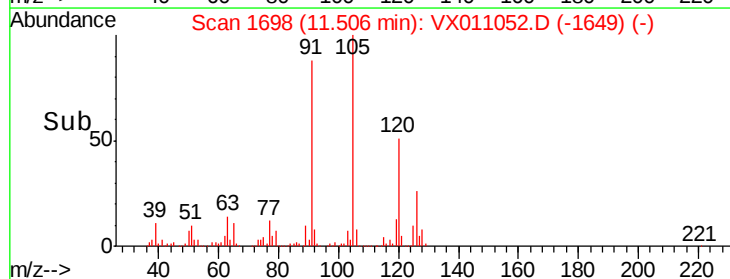
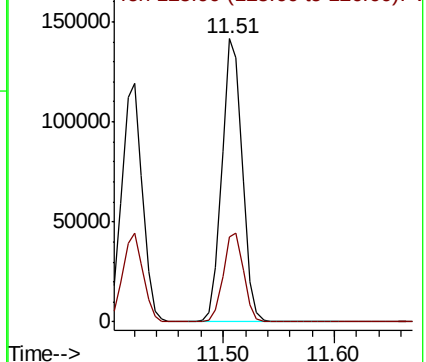
Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

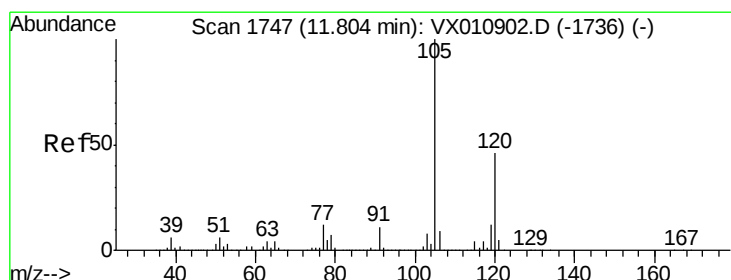
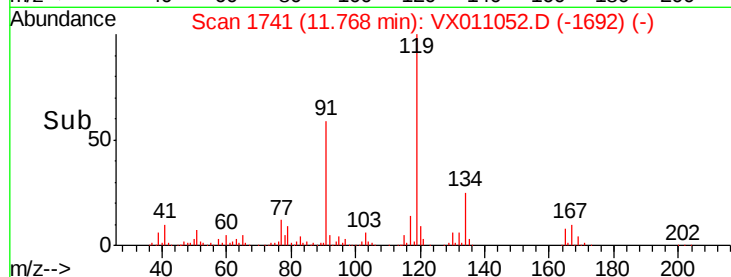
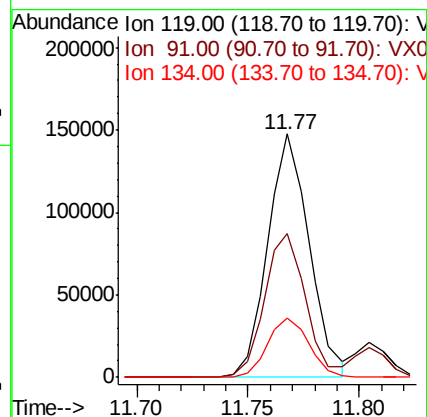
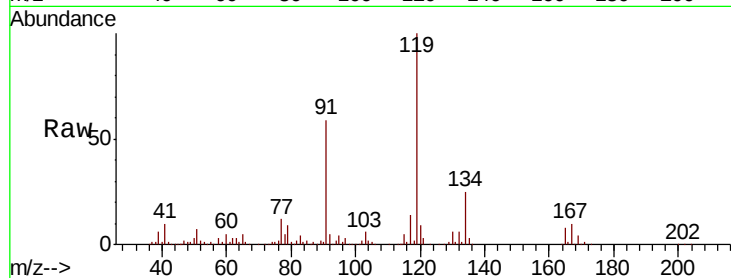




#83
tert-Butylbenzene
Concen: 19.668 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

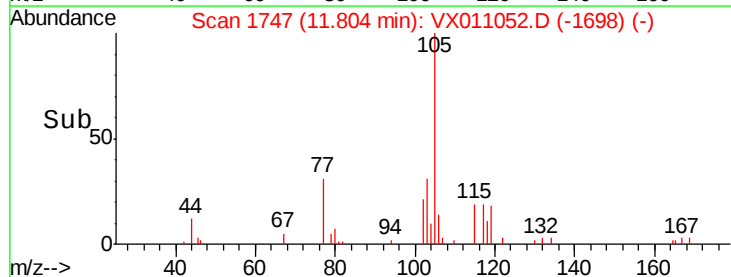
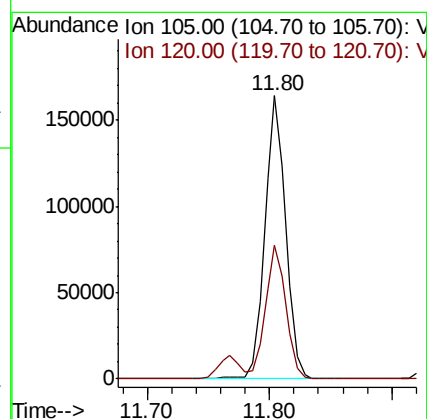
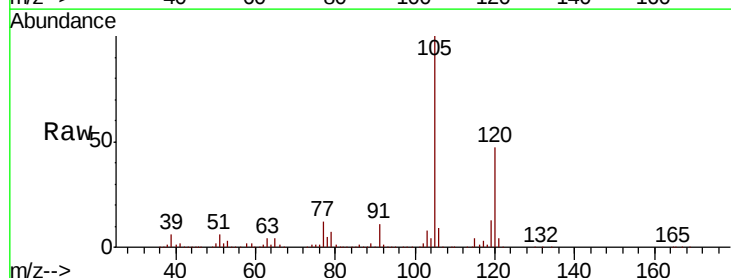
Instrument :
MSVOA_X
ClientSampled :

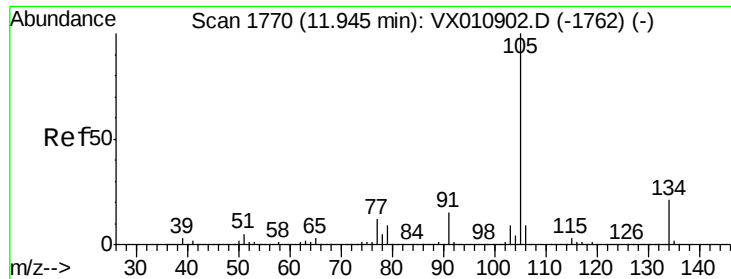
Tot Ion:119 Resp: 190813
Ion Ratio Lower Upper
119 100
91 58.7 28.6 85.8
134 24.5 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 19.593 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion:105 Resp: 195053
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.152 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

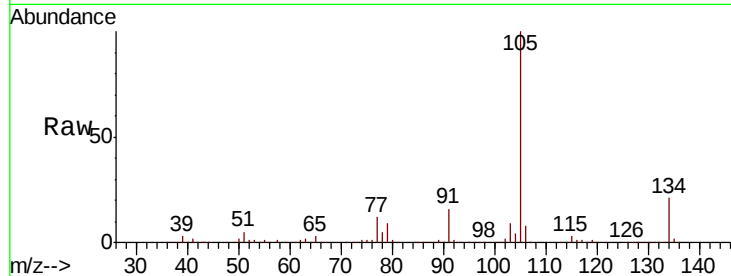
ClientSampleId :

Tot Ion:105 Resp: 229082

Ion Ratio Lower Upper

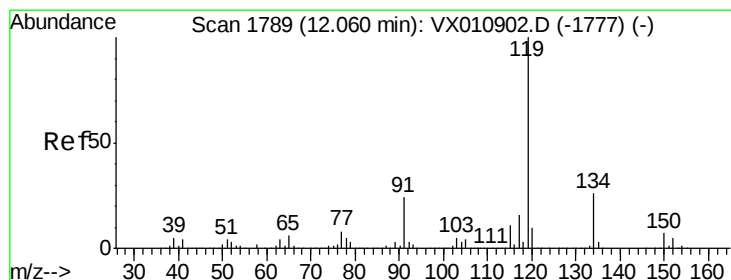
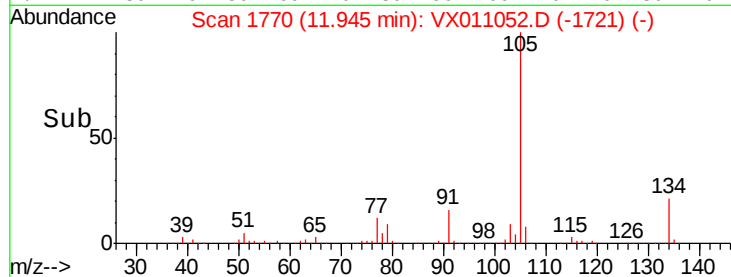
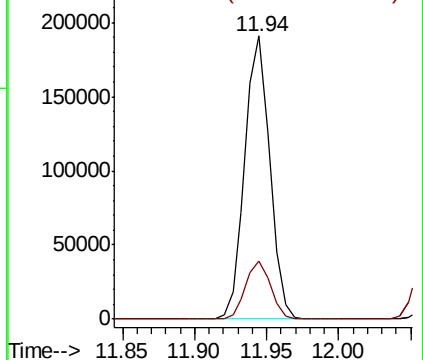
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.393 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

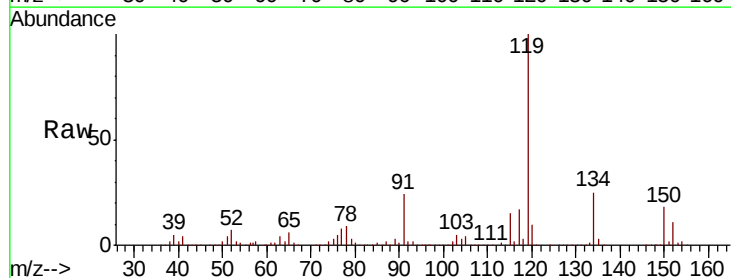
Tgt Ion:119 Resp: 214316

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

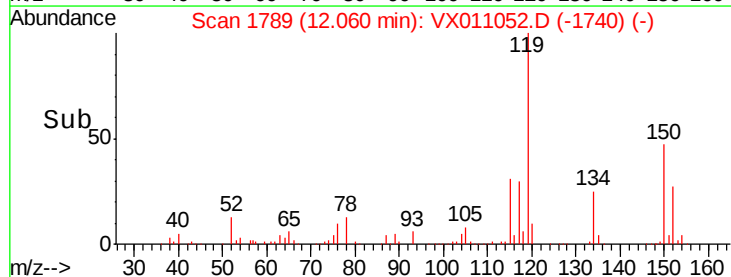
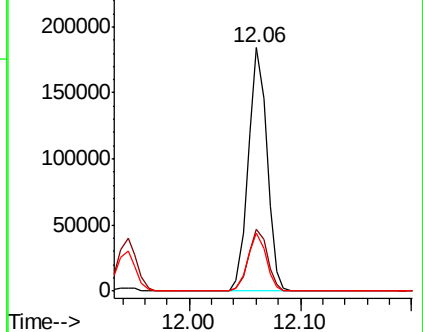
91 23.8 11.8 35.4

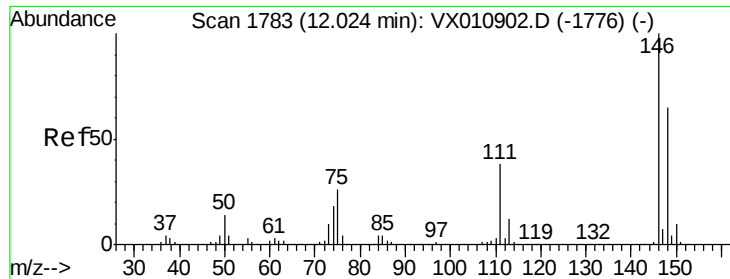


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

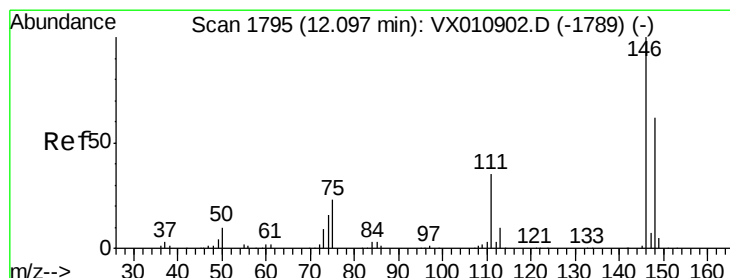
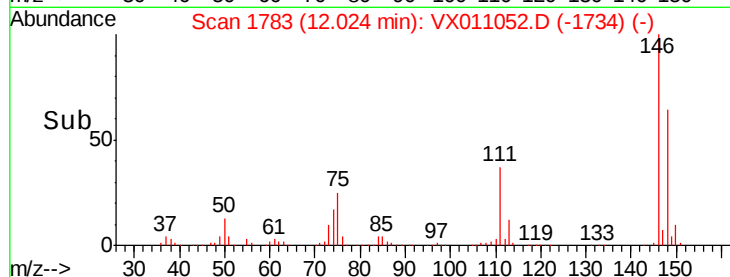
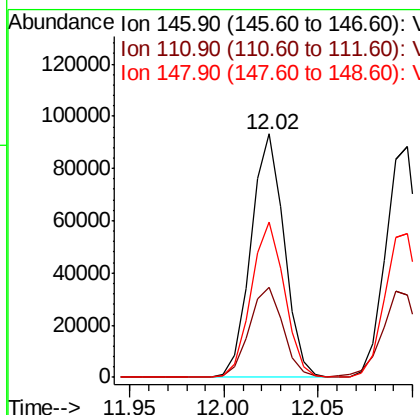
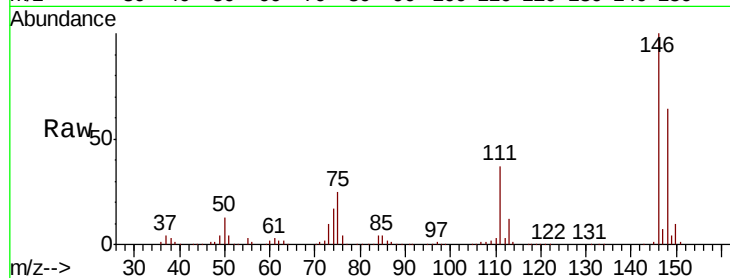




#87
 1,3-Dichlorobenzene
 Concen: 20.115 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

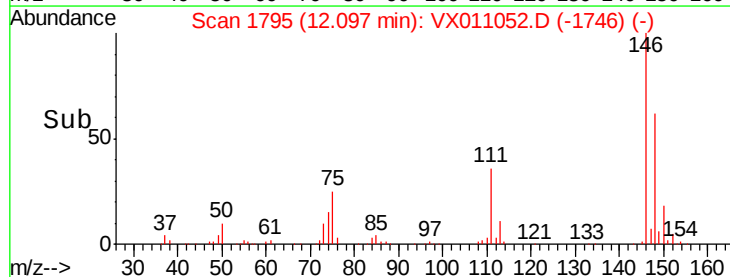
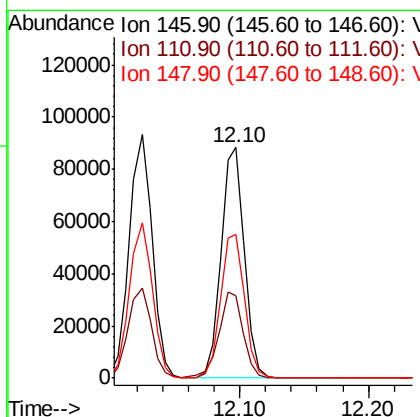
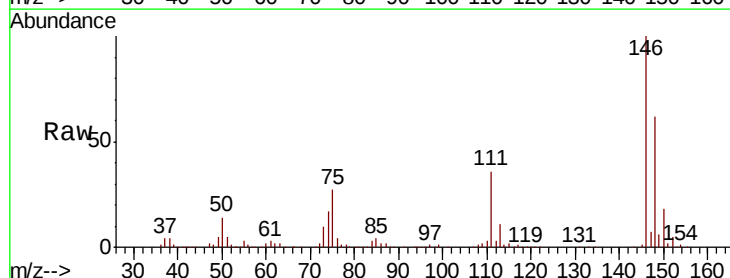
Instrument :
 MSVOA_X
 ClientSampleId :

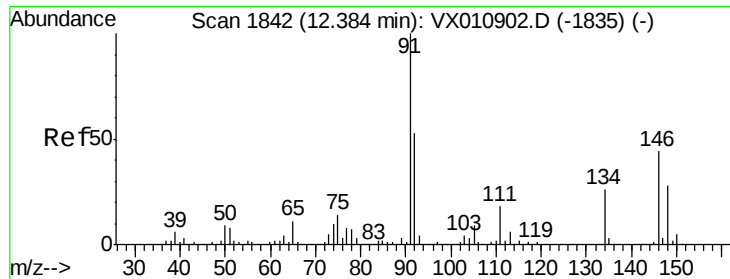
Tot Ion:146 Resp: 113813
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.9
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.391 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion:146 Resp: 112530
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.6 55.8
 148 64.4 31.6 94.7





#89

n-Butylbenzene

Concen: 20.235 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

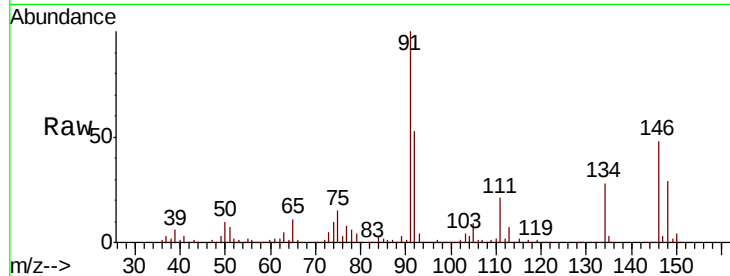
Tot Ion: 91 Resp: 181933

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

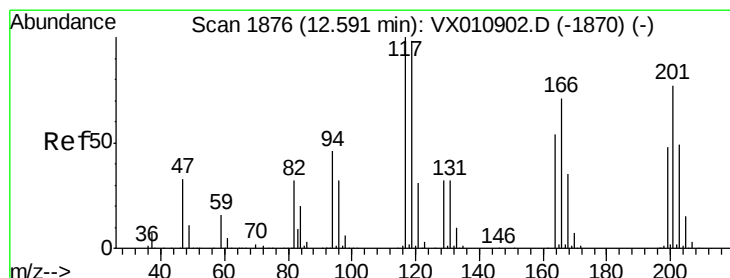
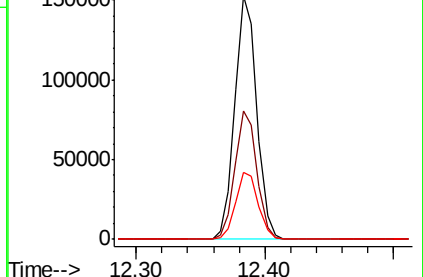
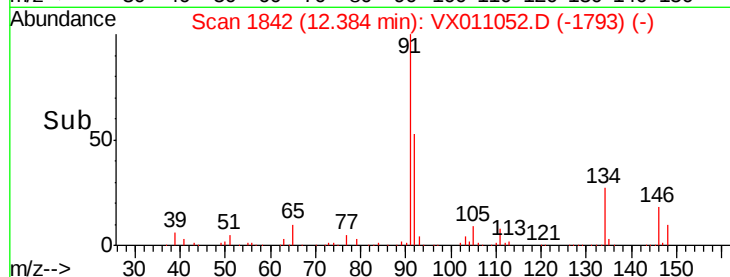
134 28.2 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.673 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX011052.D

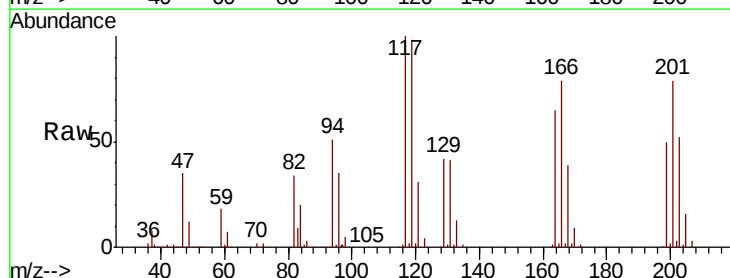
Acq: 23 Jul 2019 12:08

Tgt Ion: 117 Resp: 30953

Ion Ratio Lower Upper

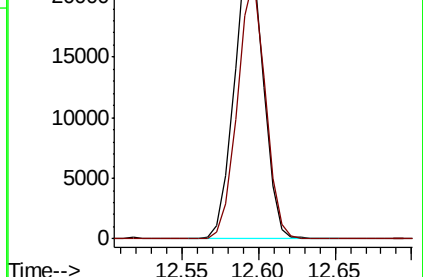
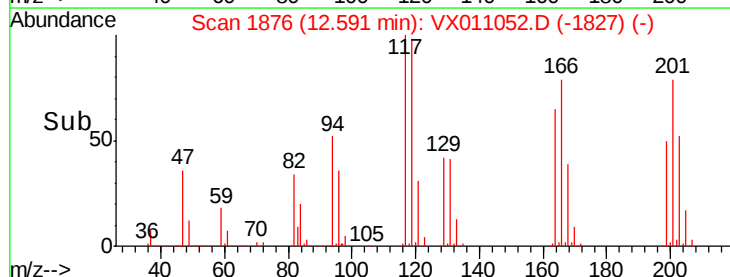
117 100

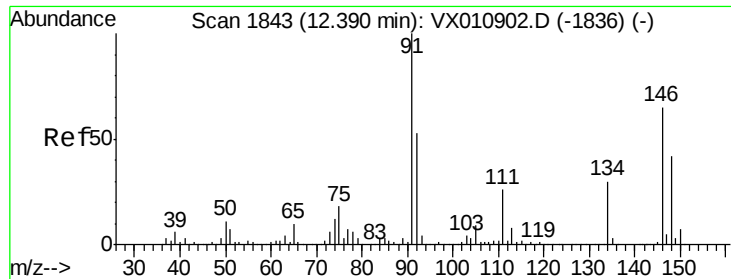
201 86.4 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

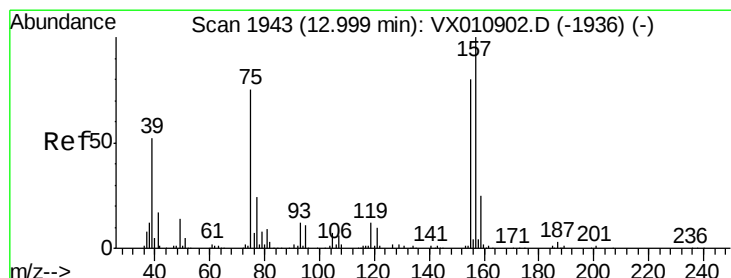
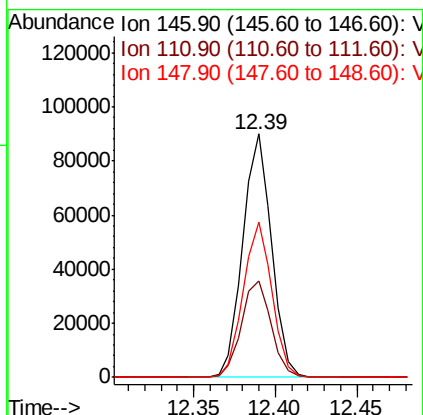
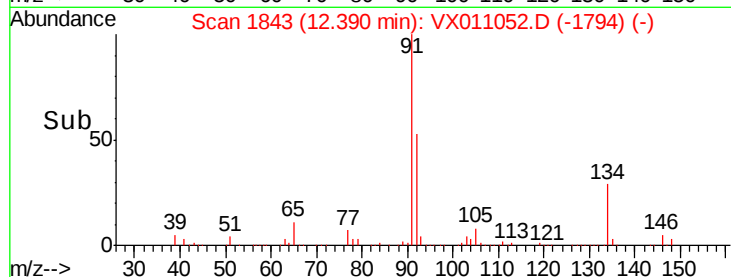
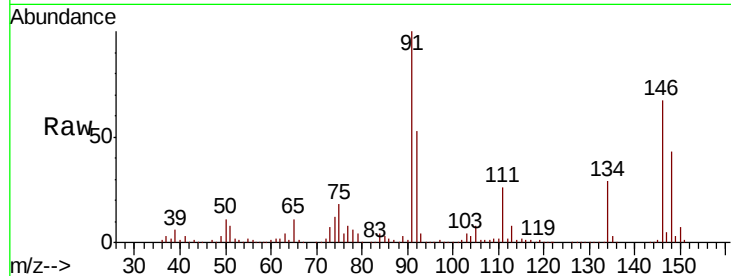




#91
 1,2-Dichlorobenzene
 Concen: 19.789 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

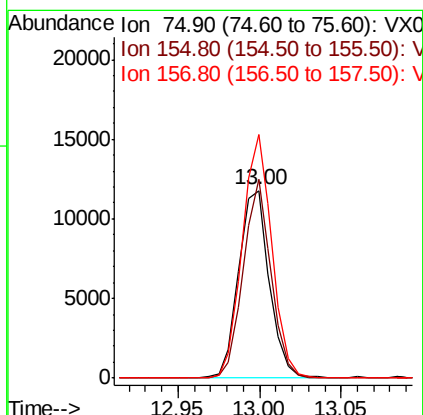
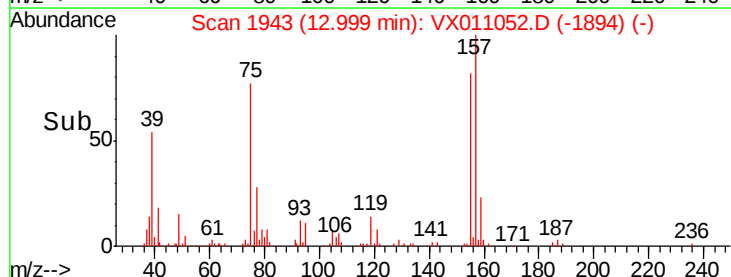
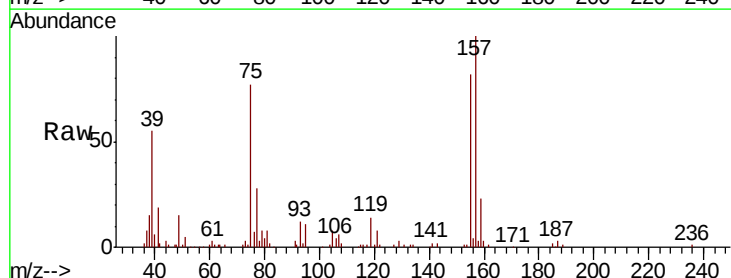
Instrument :
 MSVOA_X
 ClientSampleId :

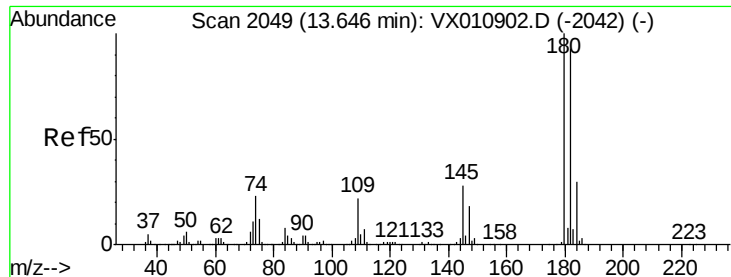
Tot Ion:146 Resp: 110972
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.9 59.7
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.094 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion: 75 Resp: 15439
 Ion Ratio Lower Upper
 75 100
 155 95.6 48.7 146.1
 157 124.7 62.5 187.6

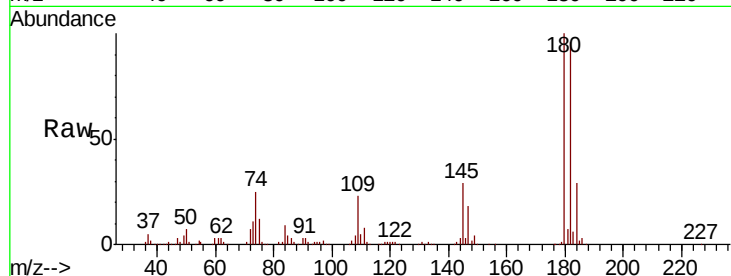




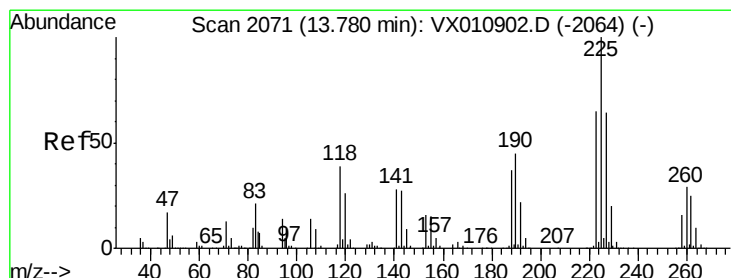
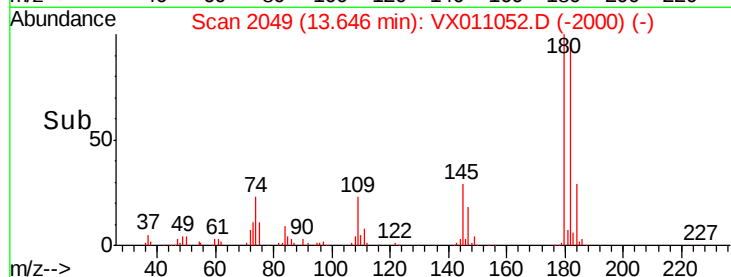
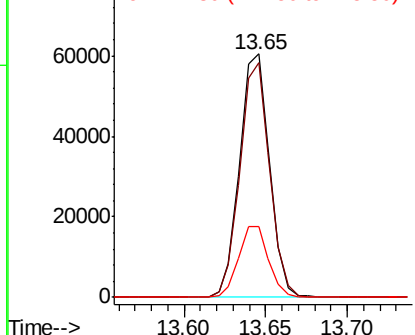
#93
 1,2,4-Trichlorobenzene
 Concen: 20.360 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 77377
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.1 141.3
 145 29.3 14.8 44.4

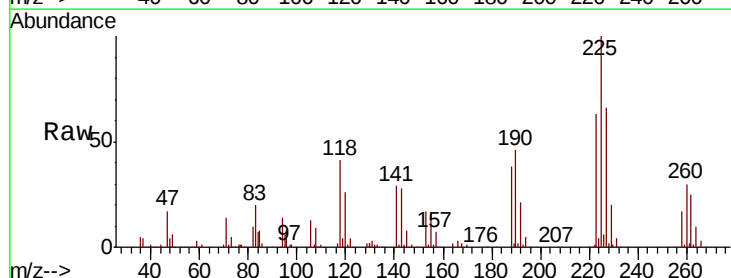


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

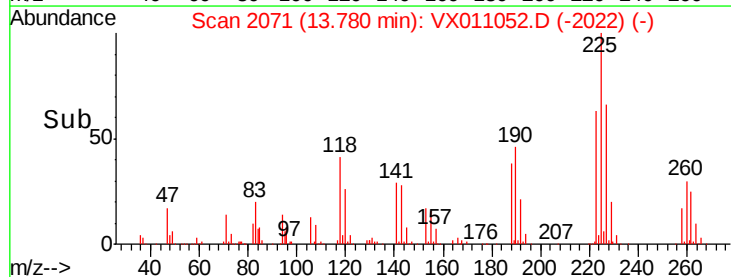
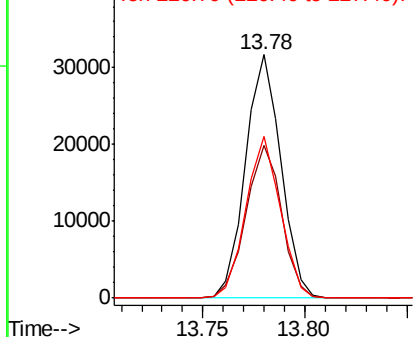


#94
 Hexachlorobutadiene
 Concen: 20.379 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion:225 Resp: 38380
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.9
 227 64.4 32.5 97.4



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

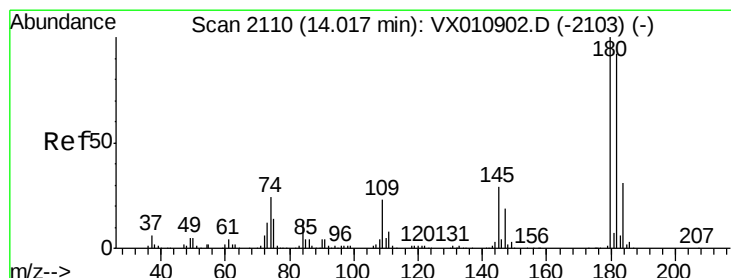
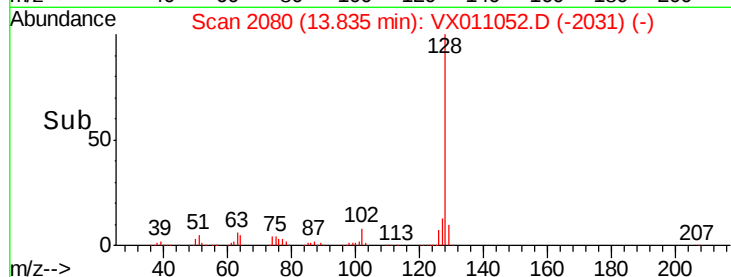
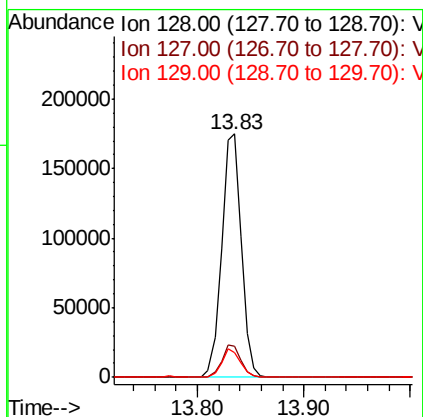
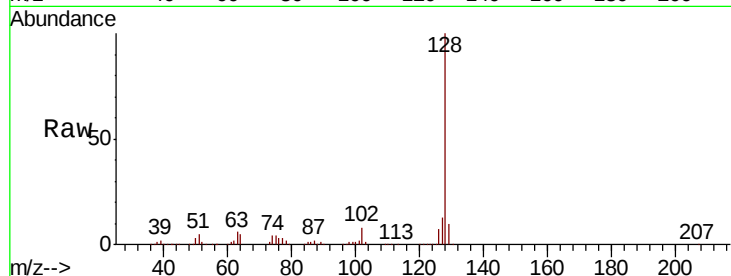




#95
Naphthalene
Concen: 20.064 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 225170
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.278 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion:180 Resp: 76679
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 31.3 15.1 45.3

