

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010802.D
 Acq On : 11 Jul 2019 13:16
 Operator : JC/SP
 Sample : VX0711WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Quant Time: Jul 12 06:52:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114162	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
35) Dibromofluoromethane	5.50	113	100985	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	372290	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.13	95	141505	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41597	25.760	ug/l	97
3) Chloromethane	1.33	50	40958	21.782	ug/l	99
4) Vinyl Chloride	1.41	62	43459	21.101	ug/l	99
5) Bromomethane	1.64	94	23708	23.628	ug/l	98
6) Chloroethane	1.72	64	28395	23.369	ug/l	98
7) Trichlorofluoromethane	1.93	101	73418	22.487	ug/l	99
8) Diethyl Ether	2.19	74	25520	21.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41849	21.152	ug/l	97
10) Methyl Iodide	2.51	142	53659	19.004	ug/l	95
11) Tert butyl alcohol	3.05	59	53590	94.042	ug/l	97
12) 1,1-Dichloroethene	2.37	96	40477	20.105	ug/l	93
13) Acrolein	2.29	56	26714	70.668	ug/l	98
14) Allyl chloride	2.73	41	59385	20.777	ug/l	95
15) Acrylonitrile	3.14	53	119797	106.181	ug/l	99
16) Acetone	2.45	43	117481	107.640	ug/l	95
17) Carbon Disulfide	2.57	76	88602	16.404	ug/l	99
18) Methyl Acetate	2.78	43	48108	22.116	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	139666	22.052	ug/l	97
20) Methylene Chloride	2.85	84	46905	20.883	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42935	19.829	ug/l	93
22) Diisopropyl ether	3.85	45	128991	21.585	ug/l	99
23) Vinyl Acetate	3.82	43	559666	108.408	ug/l	97
24) 1,1-Dichloroethane	3.70	63	73734	21.345	ug/l	99
25) 2-Butanone	4.67	43	169706	106.001	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60772	20.252	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	51806	20.704	ug/l	97
28) Bromochloromethane	5.01	49	30216	18.295	ug/l	93
29) Tetrahydrofuran	5.13	42	105490	106.377	ug/l	99
30) Chloroform	5.21	83	80104	21.553	ug/l	97
31) Cyclohexane	5.57	56	65801	20.918	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	67823	20.666	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57053	21.039	ug/l	97
37) Ethyl Acetate	4.84	43	60233	21.591	ug/l	98
38) Carbon Tetrachloride	5.78	117	56885	19.372	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72499	20.339	ug/l	92
40) Benzene	6.14	78	176623	20.906	ug/l	100
41) Methacrylonitrile	5.04	41	33668	21.995	ug/l	97
42) 1,2-Dichloroethane	6.20	62	63586	24.725	ug/l	96
43) Isopropyl Acetate	6.45	43	97391	21.100	ug/l	98
44) Trichloroethene	7.21	130	51649	20.431	ug/l	96
45) 1,2-Dichloropropane	7.51	63	44626	20.917	ug/l	99
46) Dibromomethane	7.66	93	32397	21.165	ug/l	94
47) Bromodichloromethane	7.90	83	54621	19.471	ug/l	98
48) Methyl methacrylate	7.77	41	46873	21.848	ug/l	96
49) 1,4-Dioxane	7.74	88	26509	428.923	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	325593	110.297	ug/l	98
52) Toluene	8.79	92	115652	20.787	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57064	18.144	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	66097	19.339	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	48295	21.048	ug/l	99
56) Ethyl methacrylate	9.18	69	70110	20.170	ug/l	93
57) 1,3-Dichloropropane	9.37	76	76294	21.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	155284	94.065	ug/l	100
59) 2-Hexanone	9.49	43	258554	111.287	ug/l	97
60) Dibromochloromethane	9.58	129	45612	17.754	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50815	20.517	ug/l	99
64) Tetrachloroethene	9.34	164	51668	20.744	ug/l	98
65) Chlorobenzene	10.14	112	128236	20.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45150	19.827	ug/l	99
67) Ethyl Benzene	10.25	91	224242	21.247	ug/l	98
68) m/p-Xylenes	10.36	106	173029	42.310	ug/l	97
69) o-Xylene	10.70	106	84751	21.074	ug/l	98
70) Styrene	10.71	104	142237	21.089	ug/l	97
71) Bromoform	10.85	173	32114	16.217	ug/l #	98
73) Isopropylbenzene	11.02	105	227226	20.197	ug/l	98
74) N-amyl acetate	10.90	43	89652	21.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	74556	20.011	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80557	26.637	ug/l	82
77) Bromobenzene	11.26	156	61074	19.442	ug/l	96
78) n-propylbenzene	11.36	91	254587	20.590	ug/l	98
79) 2-Chlorotoluene	11.42	91	150133	20.391	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	191568	20.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19394	14.960	ug/l #	83
82) 4-Chlorotoluene	11.51	91	175342	20.929	ug/l	99
83) tert-Butylbenzene	11.77	119	186347	20.019	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	194714	20.897	ug/l	99
85) sec-Butylbenzene	11.94	105	221704	20.285	ug/l	99
86) p-Isopropyltoluene	12.06	119	209312	20.704	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	109795	20.023	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	110047	19.713	ug/l	98
89) n-Butylbenzene	12.39	91	181595	21.139	ug/l	99
90) Hexachloroethane	12.60	117	28149	16.103	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	110545	20.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15044	18.728	ug/l	92

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

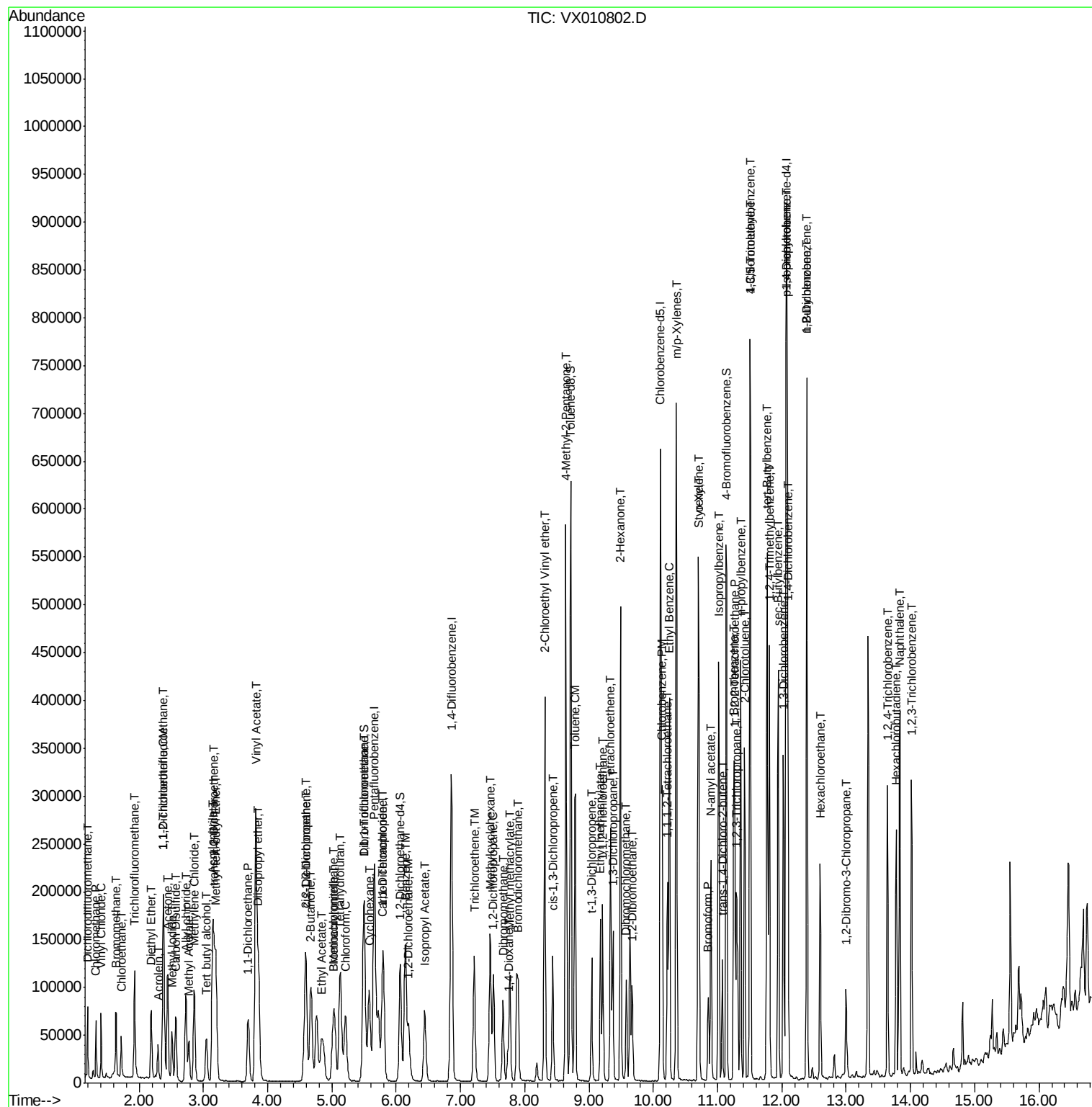
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76347	20.201	ug/l	99
94) Hexachlorobutadiene	13.78	225	36559	19.792	ug/l	97
95) Naphthalene	13.83	128	242184	20.852	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	75952	20.212	ug/l	97

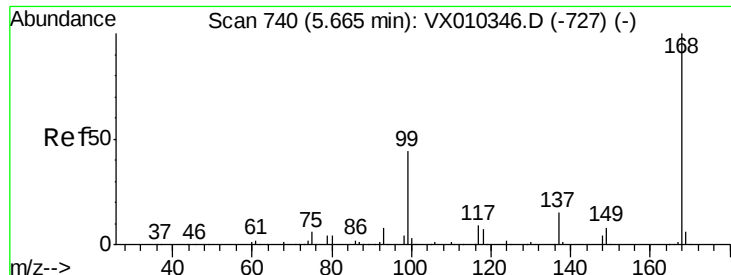
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071119\
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

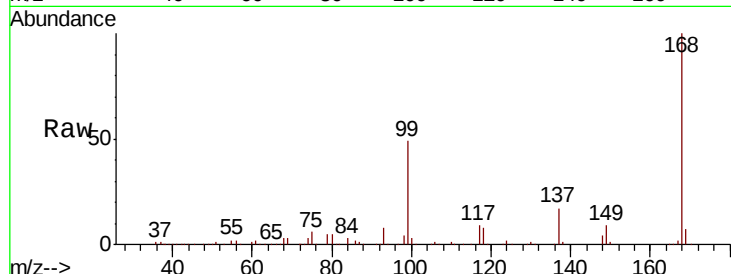
VX0711WBS02

Tot Ion:168 Resp: 232270

Ion Ratio Lower Upper

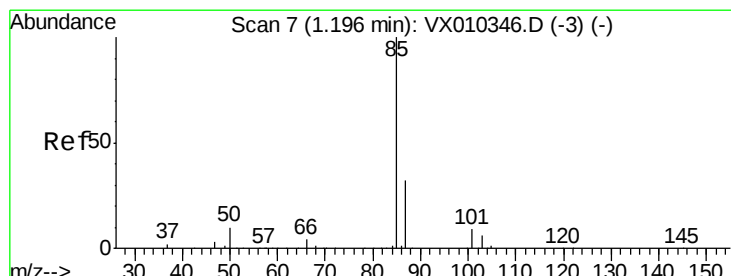
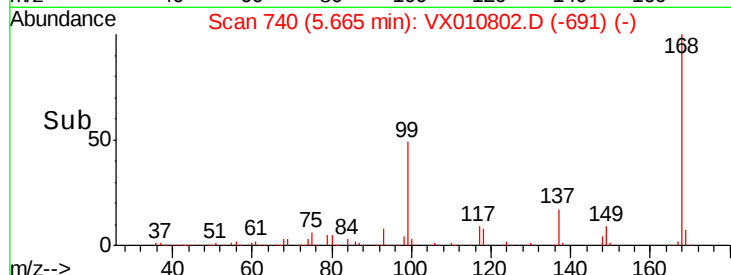
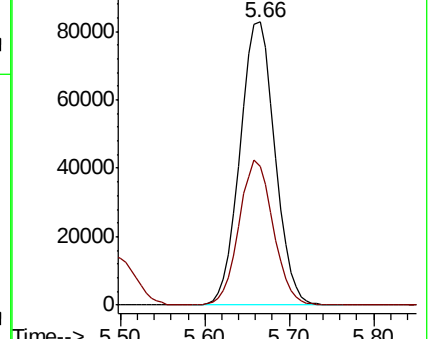
168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 25.760 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010802.D

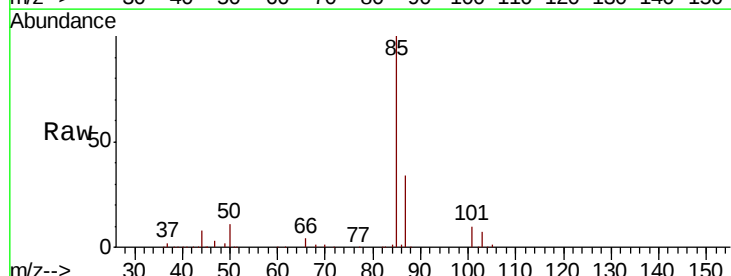
Acq: 11 Jul 2019 13:16

Tgt Ion: 85 Resp: 41597

Ion Ratio Lower Upper

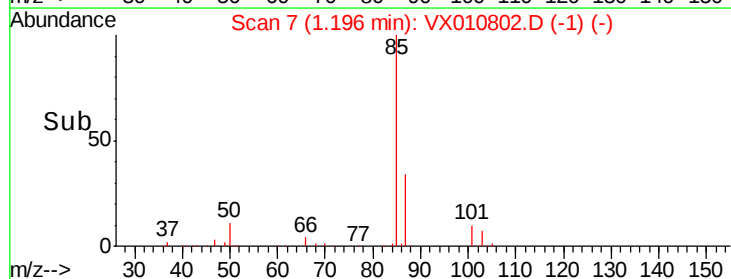
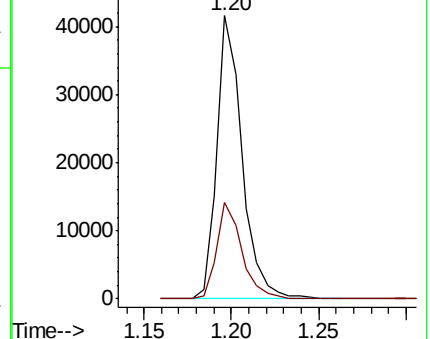
85 100

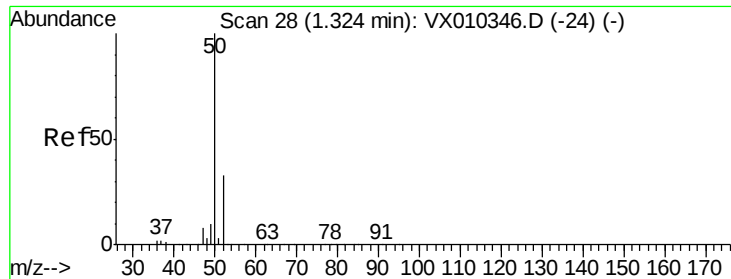
87 34.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.782 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

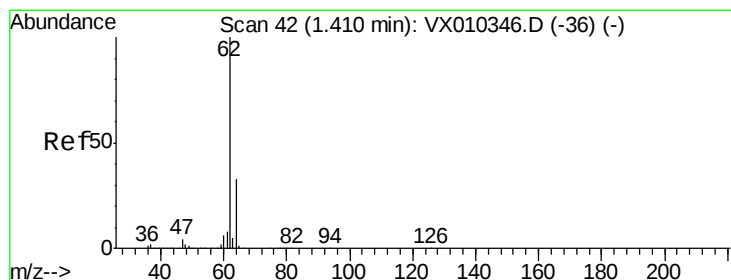
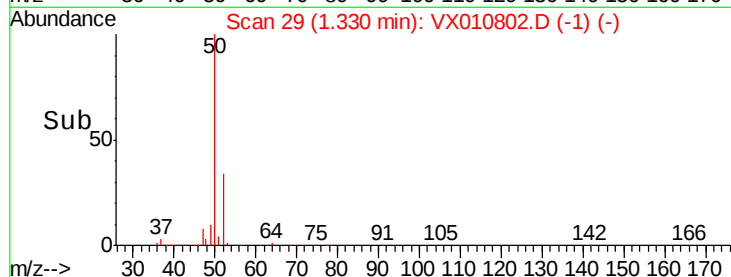
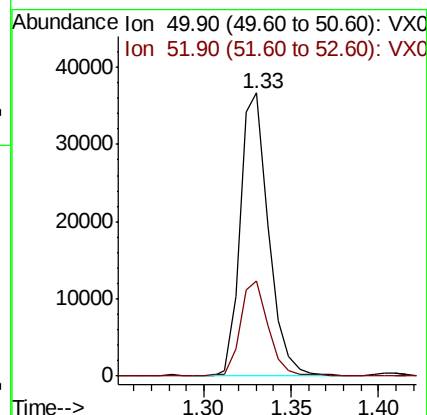
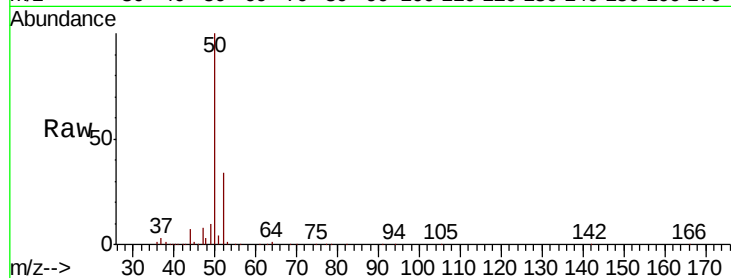
VX0711WBS02

Tot Ion: 50 Resp: 40958

Ion Ratio Lower Upper

50 100

52 33.9 26.5 39.7



#4

Vinyl Chloride

Concen: 21.101 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010802.D

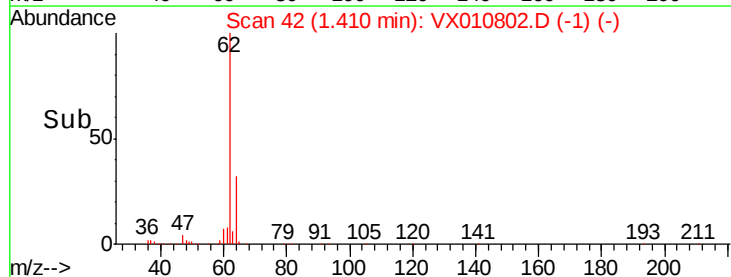
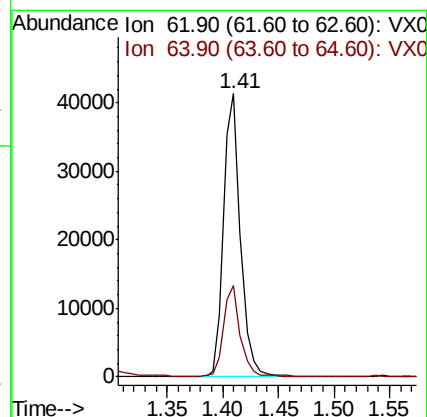
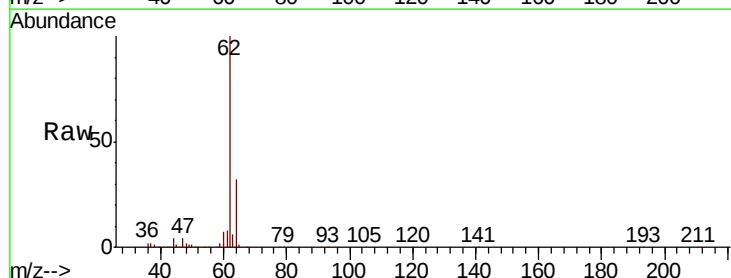
Acq: 11 Jul 2019 13:16

Tgt Ion: 62 Resp: 43459

Ion Ratio Lower Upper

62 100

64 32.0 26.2 39.4





#5

Bromomethane

Concen: 23.628 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

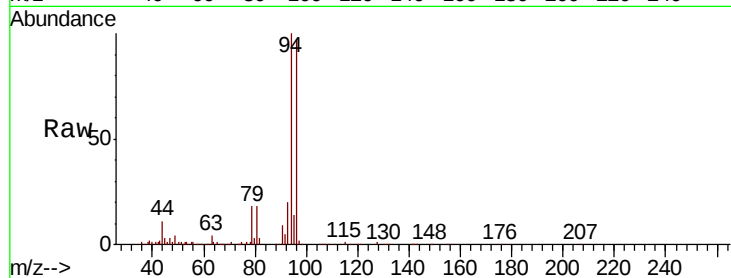
VX0711WBS02

Tot Ion: 94 Resp: 23708

Ion Ratio Lower Upper

94 100

96 96.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

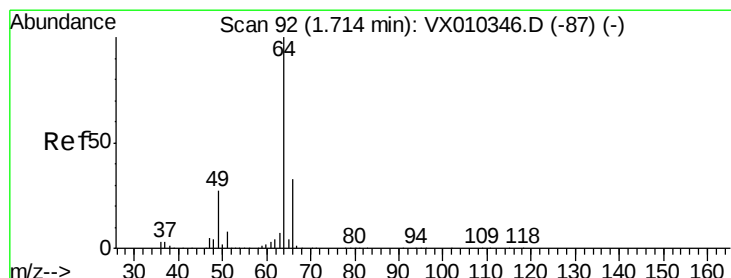
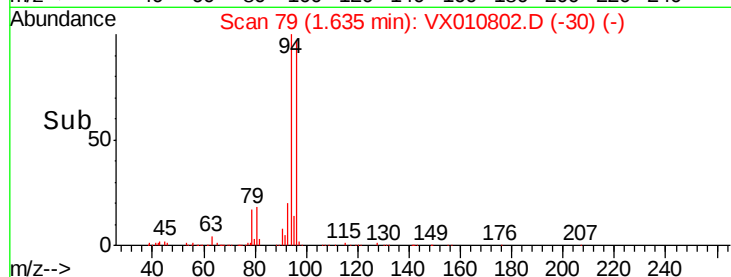
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 23.369 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010802.D

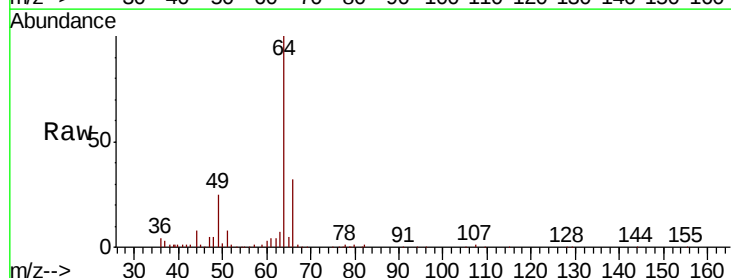
Acq: 11 Jul 2019 13:16

Tgt Ion: 64 Resp: 28395

Ion Ratio Lower Upper

64 100

66 32.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

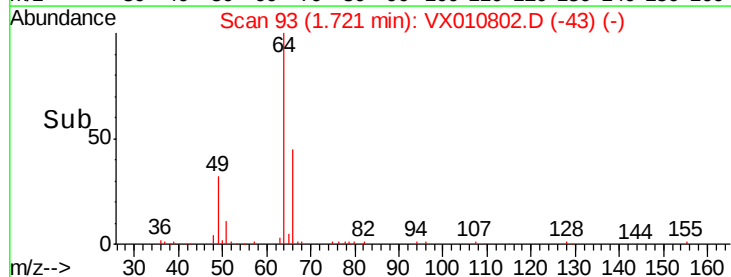
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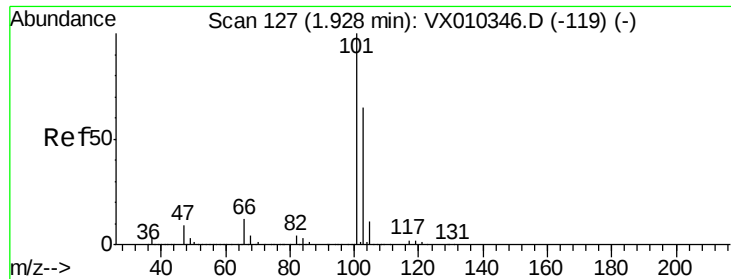
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



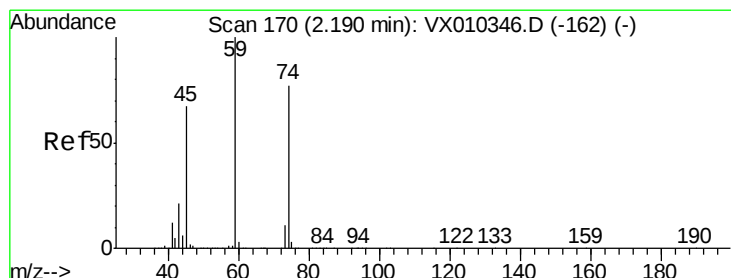
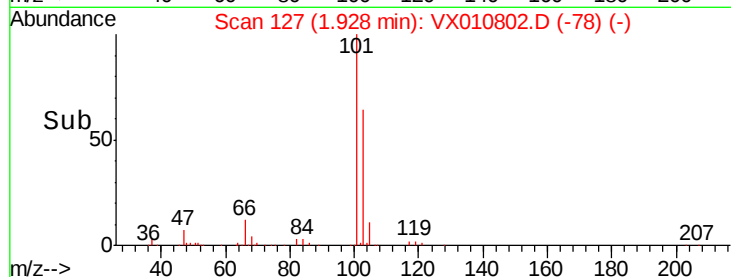
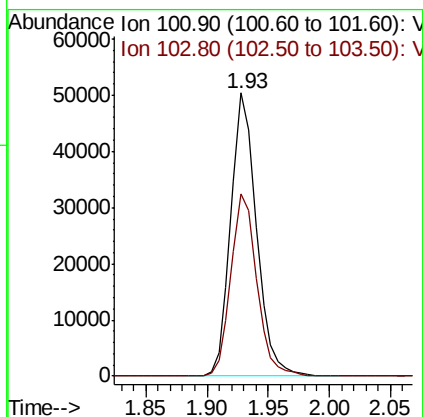
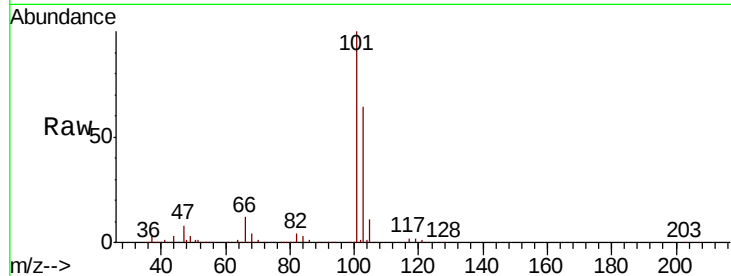


#7

Trichlorofluoromethane
 Concen: 22.487 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

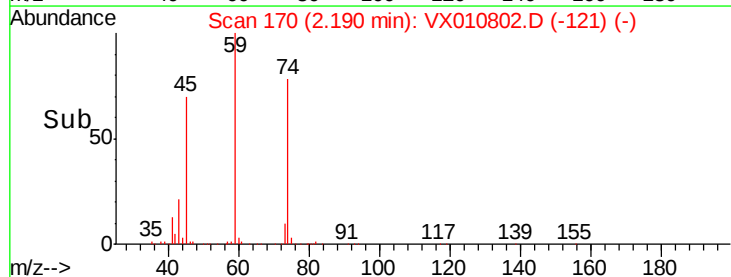
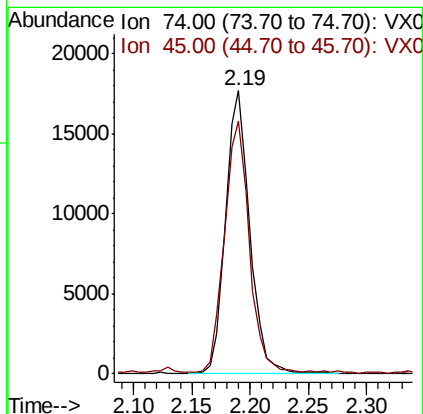
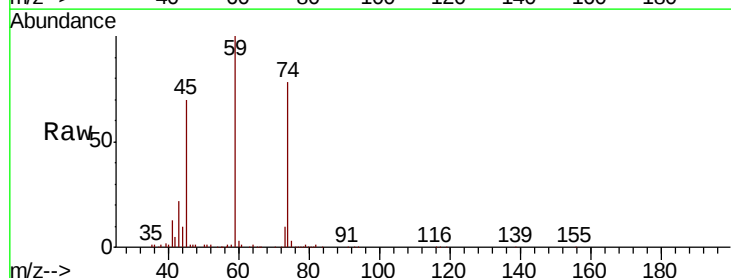
Tot Ion:101 Resp: 73418
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5



#8

Diethyl Ether
 Concen: 21.797 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Tgt Ion: 74 Resp: 25520
 Ion Ratio Lower Upper
 74 100
 45 90.4 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.152 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

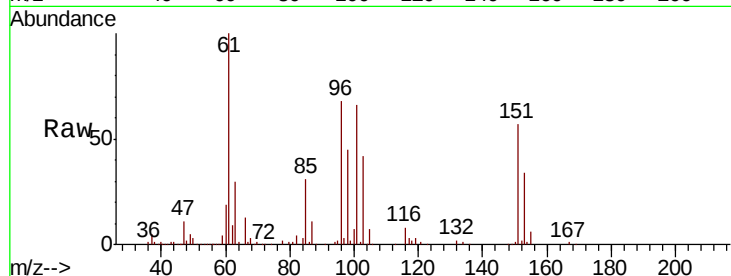
Tot Ion:101 Resp: 41849

Ion Ratio Lower Upper

101 100

85 45.1 33.7 50.5

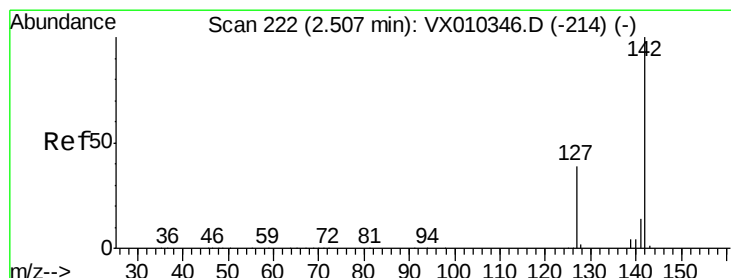
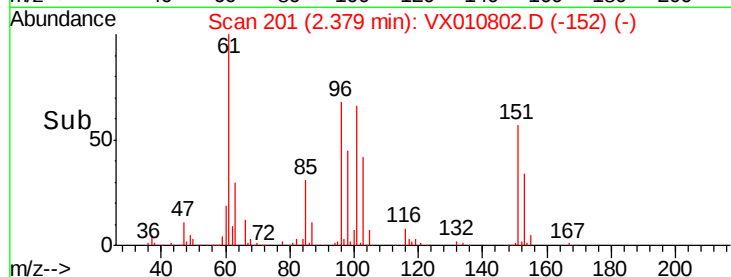
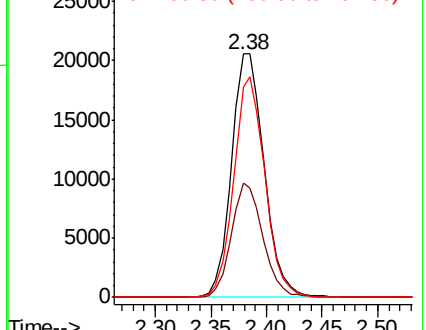
151 86.1 70.1 105.1



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: 19.004 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

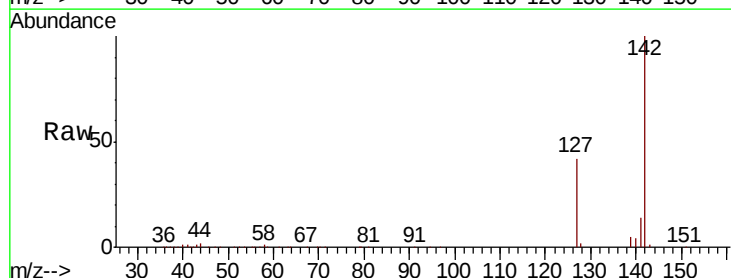
Tgt Ion:142 Resp: 53659

Ion Ratio Lower Upper

142 100

127 42.9 31.1 46.7

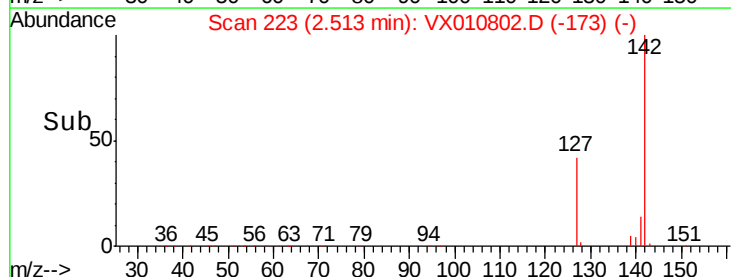
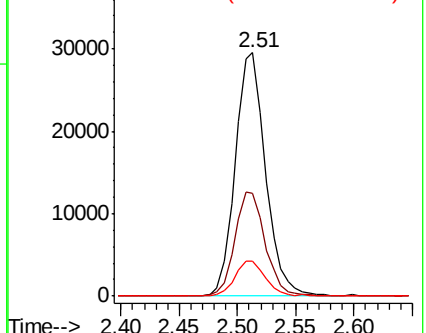
141 14.4 11.2 16.8



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



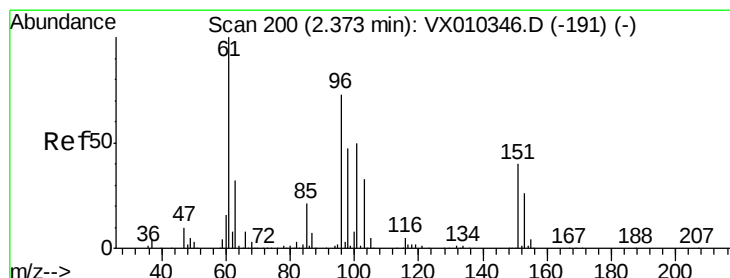
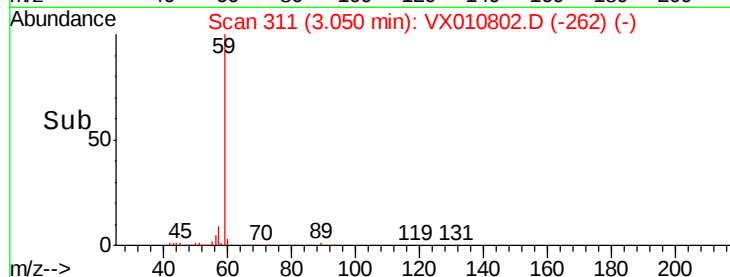
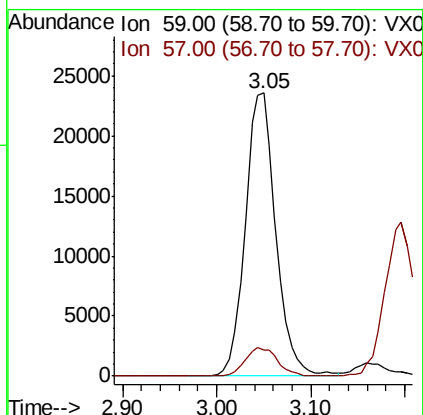
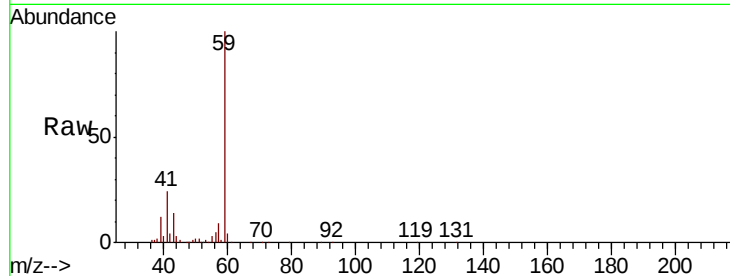


#11

Tert butyl alcohol
Concen: 94.042 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Instrument :
MSVOA_X
ClientSampled :
VX0711WBS02

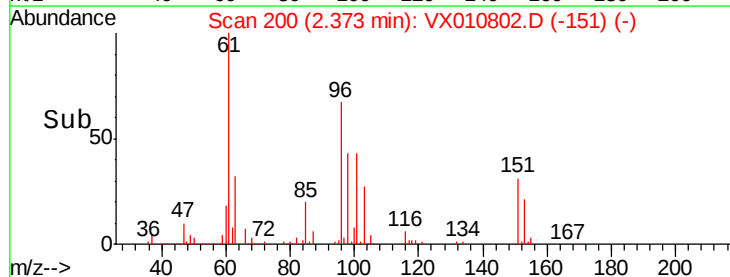
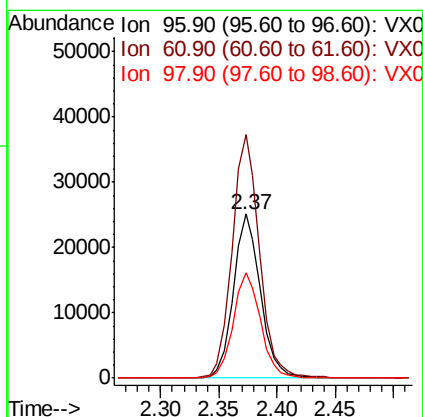
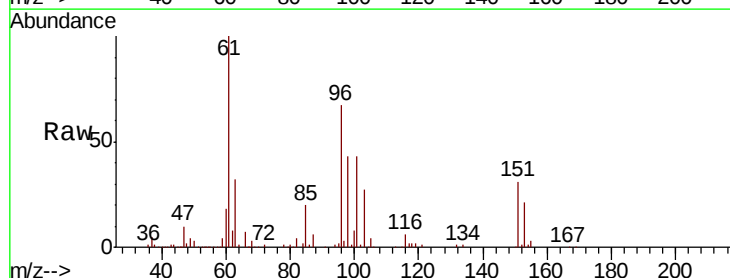
Tot Ion: 59 Resp: 53590
Ion Ratio Lower Upper
59 100
57 10.8 7.7 11.5



#12

1,1-Dichloroethene
Concen: 20.105 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 96 Resp: 40477
Ion Ratio Lower Upper
96 100
61 148.8 109.2 163.8
98 64.2 51.1 76.7





#13

Acrolein

Concen: 70.668 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

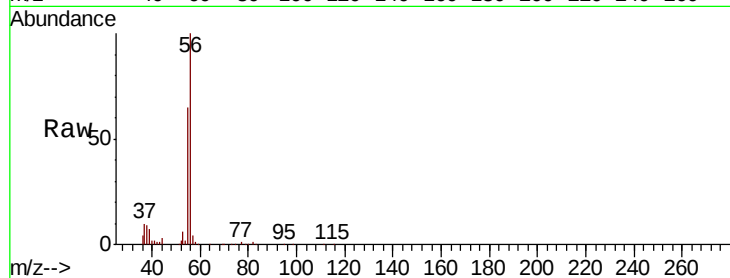
VX0711WBS02

Tot Ion: 56 Resp: 26714

Ion Ratio Lower Upper

56 100

55 72.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

10000

5000

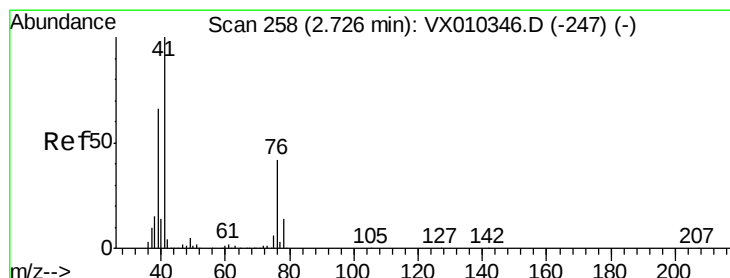
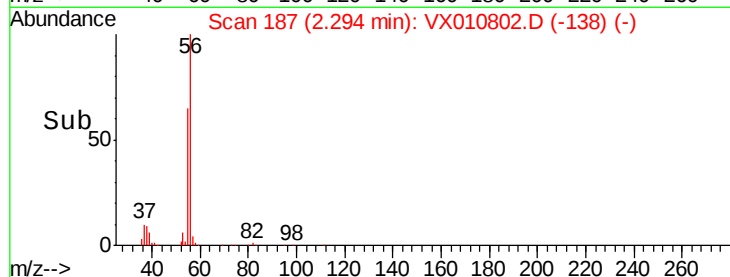
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 20.777 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

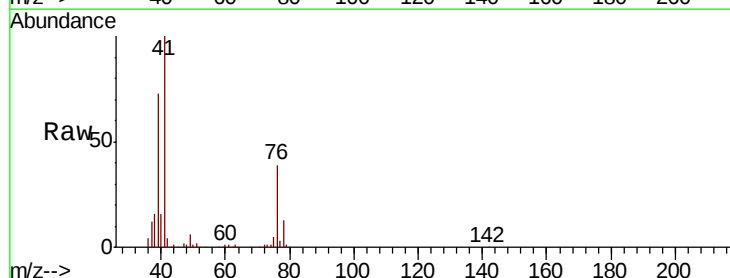
Tgt Ion: 41 Resp: 59385

Ion Ratio Lower Upper

41 100

39 67.8 50.3 75.5

76 36.6 31.3 46.9



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

40000

30000

20000

10000

0

Time-->

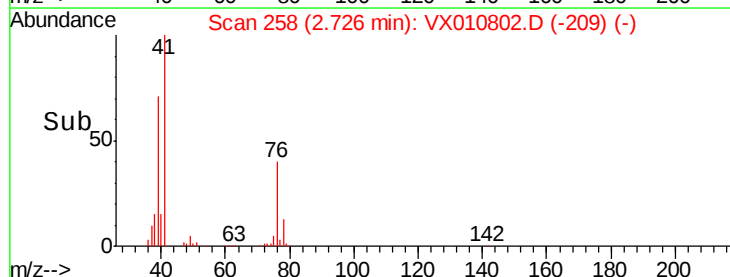
2.65

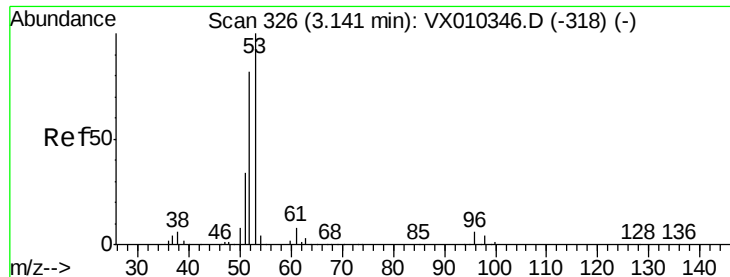
2.70

2.75

2.80

2.85





#15

Acrylonitrile

Concen: 106.181 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

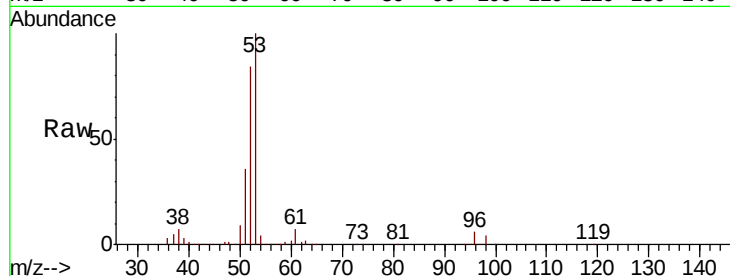
MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion: 53 Resp: 119797

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	36.6	28.2	42.4

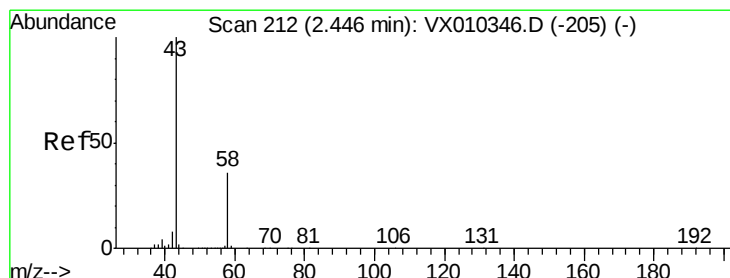
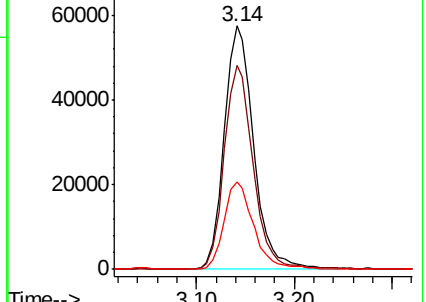
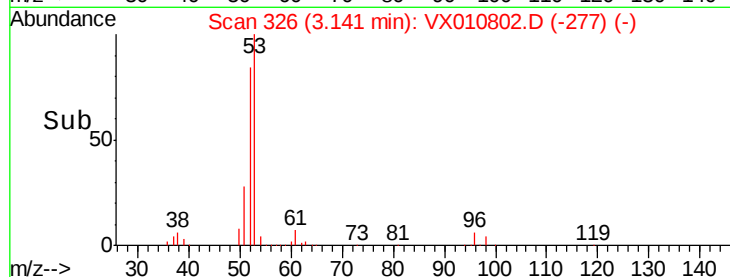


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 107.640 ug/l

RT: 2.45 min Scan# 212

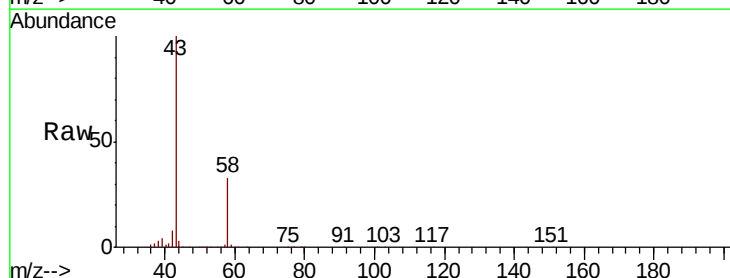
Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Tgt Ion: 43 Resp: 117481

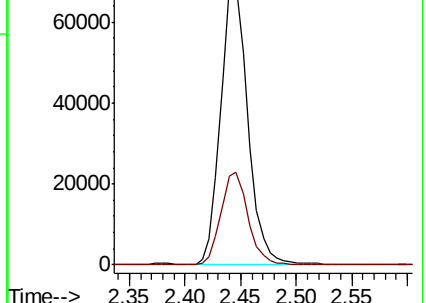
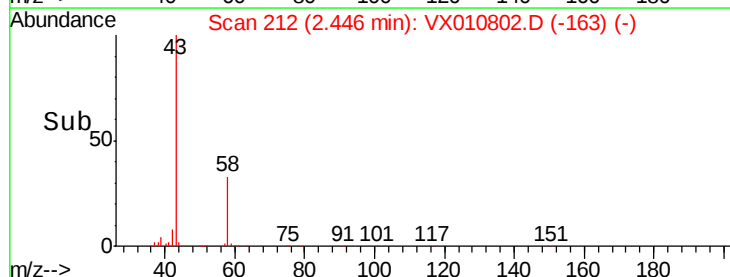
Ion	Ratio	Lower	Upper
43	100		
58	32.9	28.9	43.3



Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

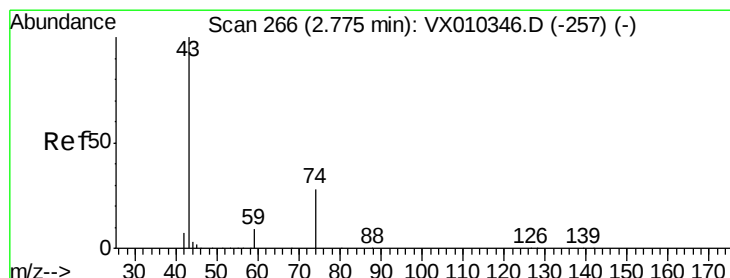
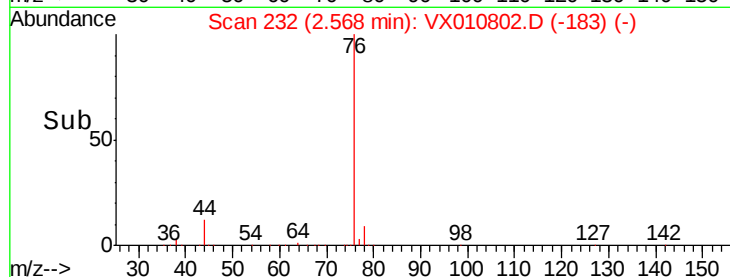
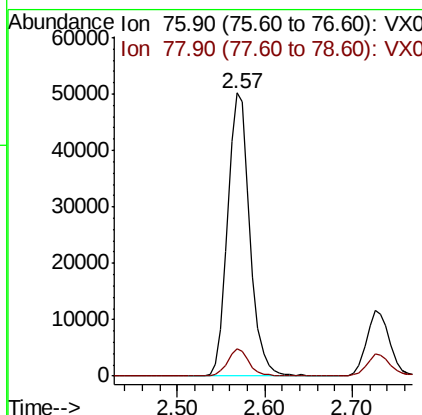
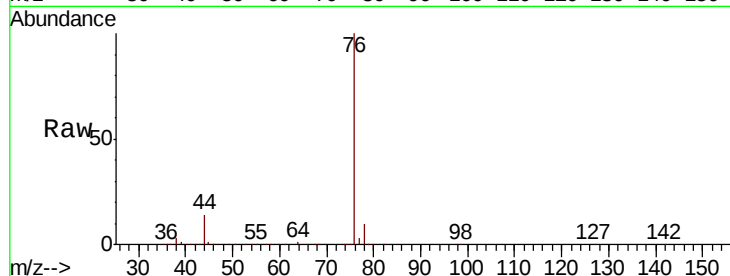




#17
Carbon Disulfide
Concen: 16.404 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

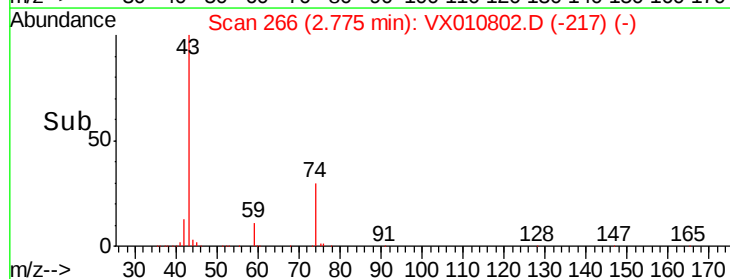
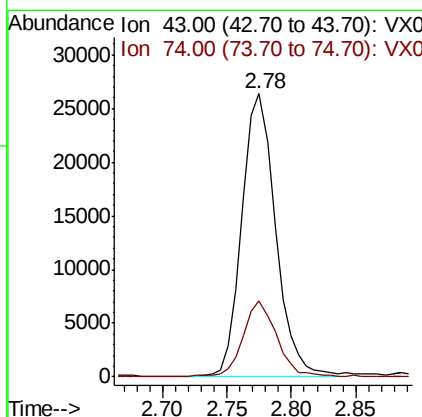
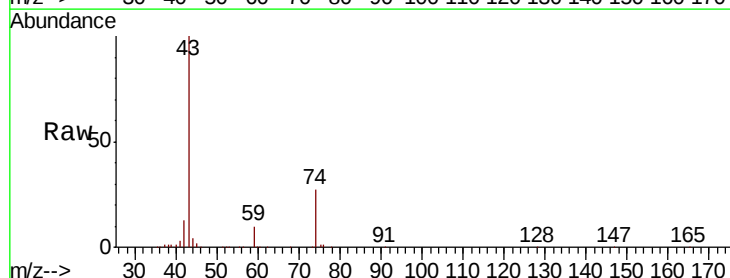
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

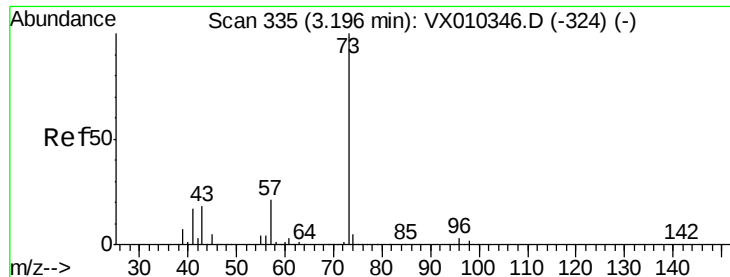
Tot Ion: 76 Resp: 88602
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 22.116 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 43 Resp: 48108
Ion Ratio Lower Upper
43 100
74 27.1 21.3 31.9

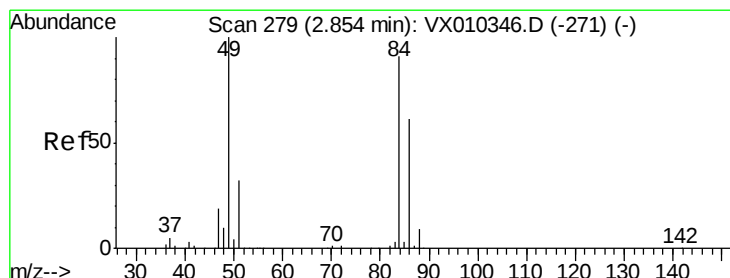
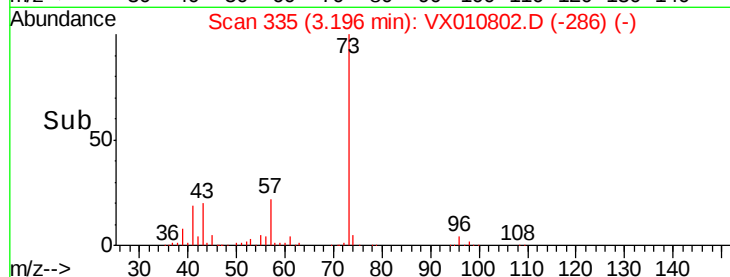
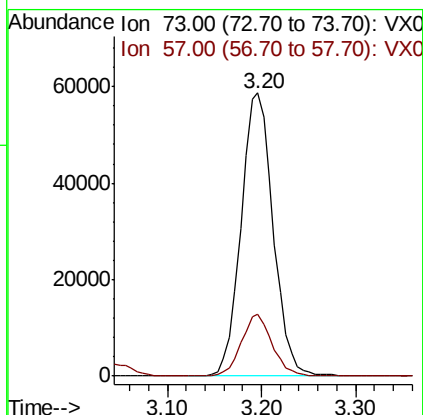
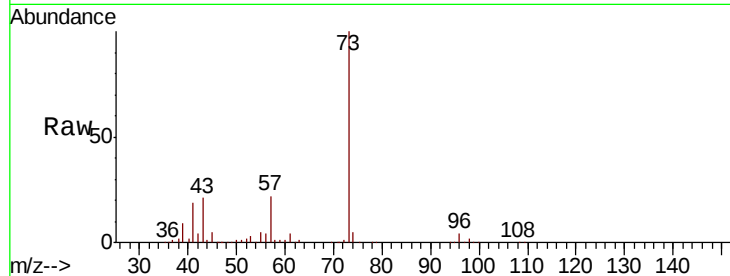




#19
Methyl tert-butyl Ether
Concen: 22.052 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

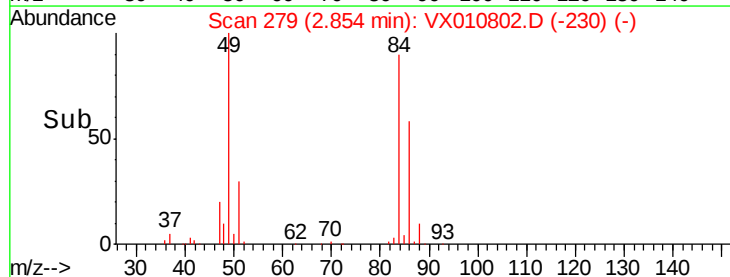
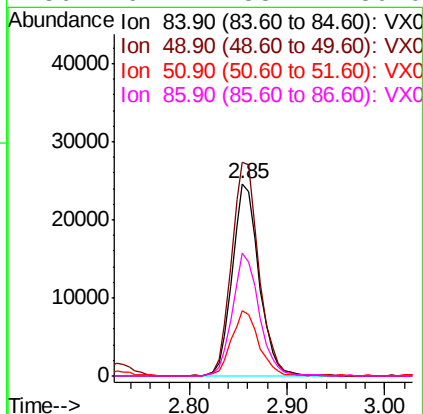
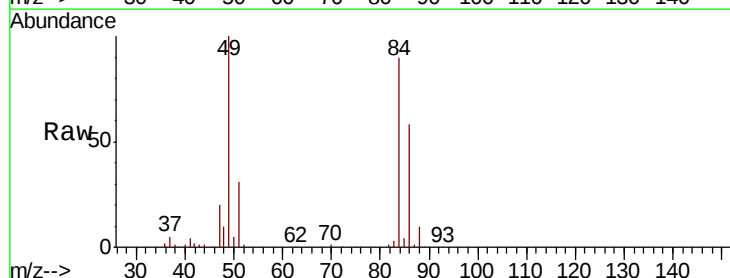
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

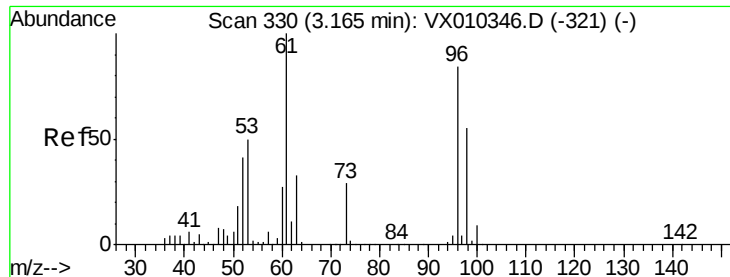
Tot Ion: 73 Resp: 139666
Ion Ratio Lower Upper
73 100
57 21.9 16.4 24.6



#20
Methylene Chloride
Concen: 20.883 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 84 Resp: 46905
Ion Ratio Lower Upper
84 100
49 110.8 87.5 131.3
51 34.2 27.7 41.5
86 64.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.829 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

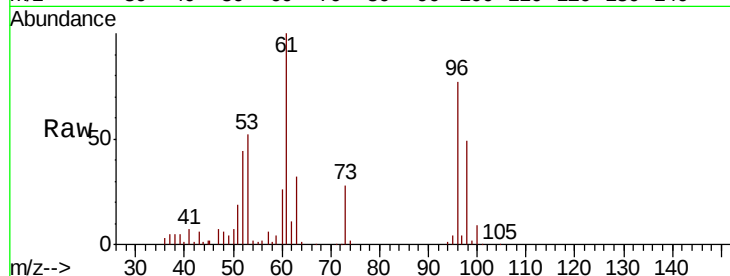
Tot Ion: 96 Resp: 42935

Ion Ratio Lower Upper

96 100

61 129.7 95.6 143.4

98 62.9 52.5 78.7

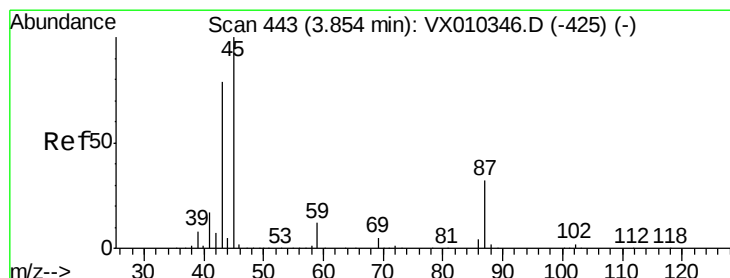
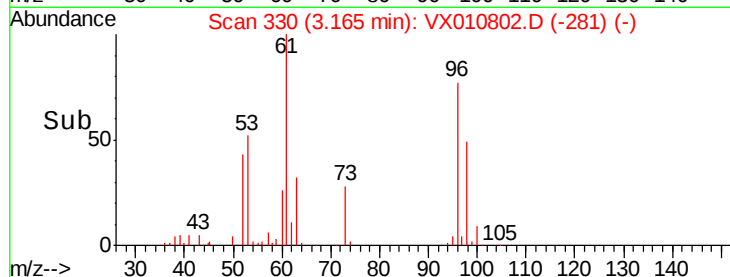
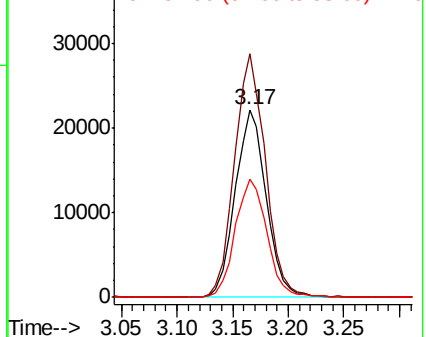


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.585 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Tgt Ion: 45 Resp: 128991

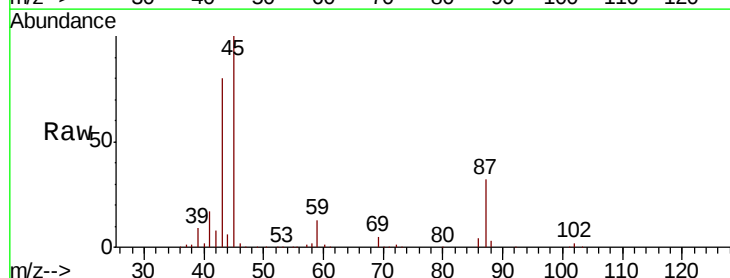
Ion Ratio Lower Upper

45 100

43 80.1 63.3 94.9

87 31.8 25.8 38.8

59 12.8 9.6 14.4



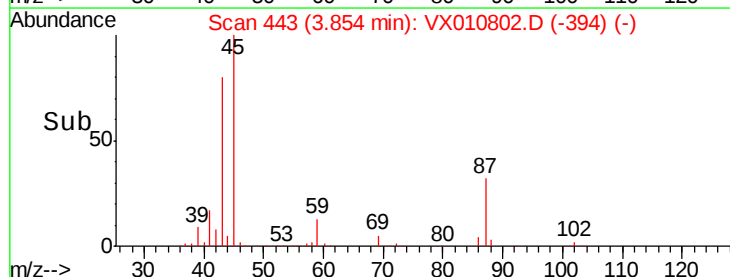
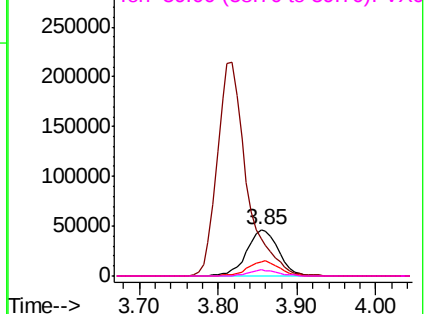
Abundance

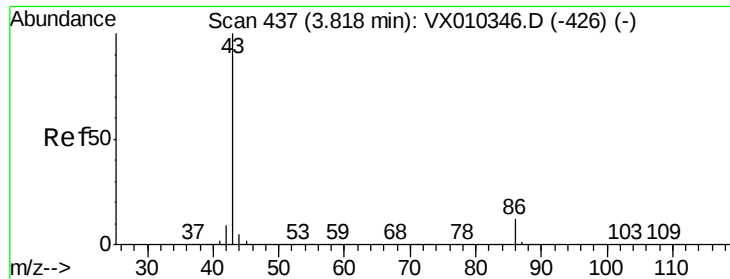
Ion 45.00 (44.70 to 45.70): VX0

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: 108.408 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

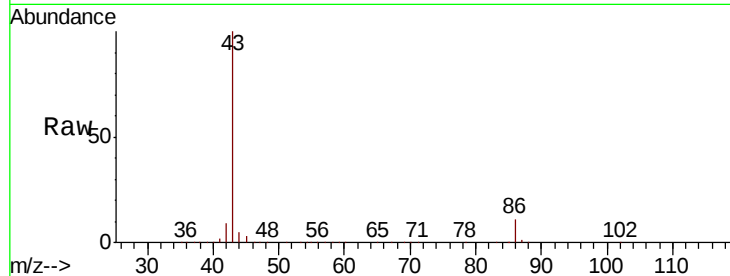
VX0711WBS02

Tot Ion: 43 Resp: 559666

Ion Ratio Lower Upper

43 100

86 11.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

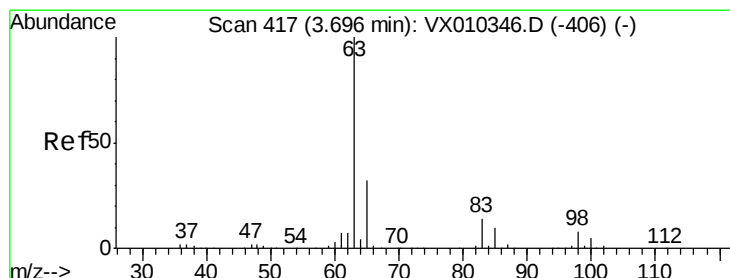
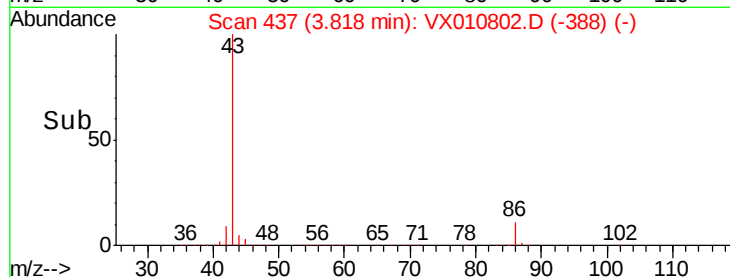
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.345 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

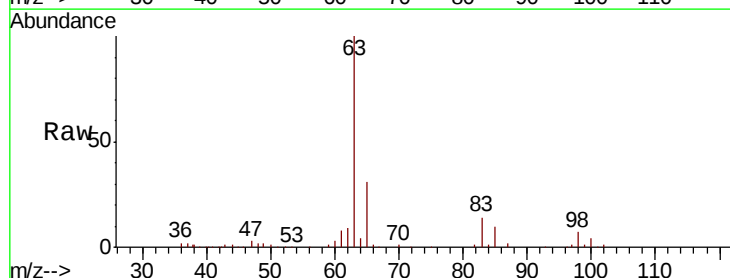
Tgt Ion: 63 Resp: 73734

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

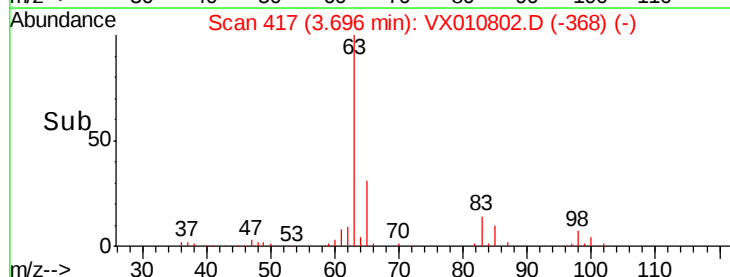
20000

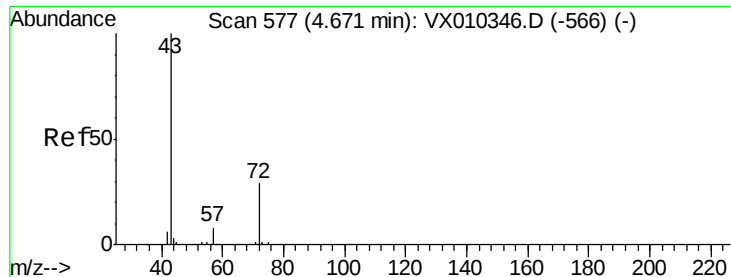
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 106.001 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

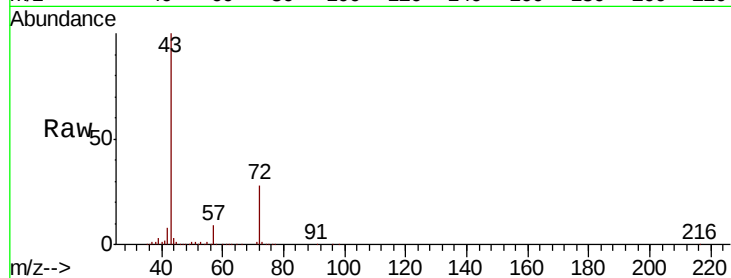
VX0711WBS02

Tot Ion: 43 Resp: 169706

Ion Ratio Lower Upper

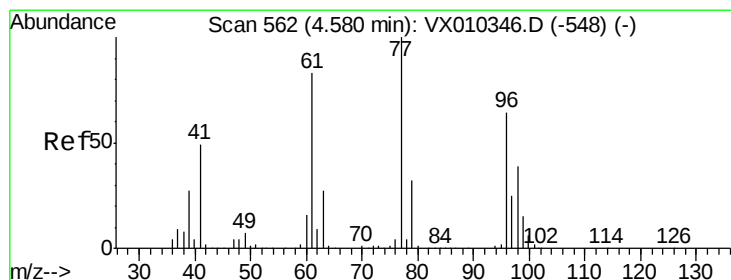
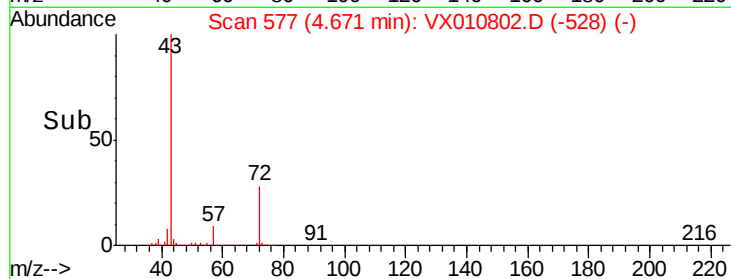
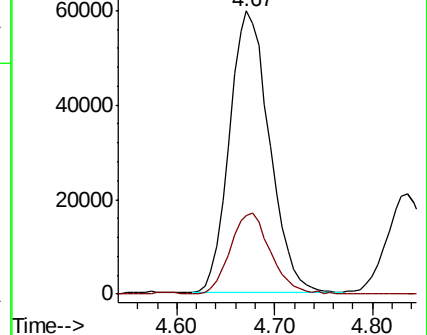
43 100

72 27.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.252 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010802.D

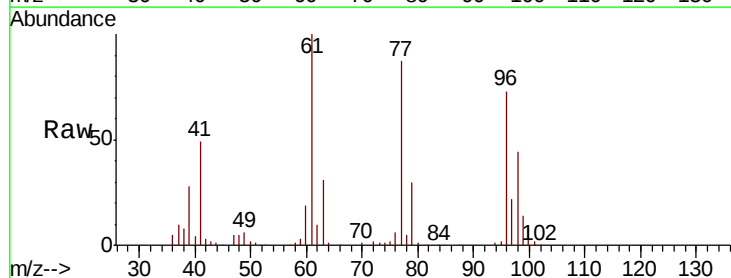
Acq: 11 Jul 2019 13:16

Tgt Ion: 77 Resp: 60772

Ion Ratio Lower Upper

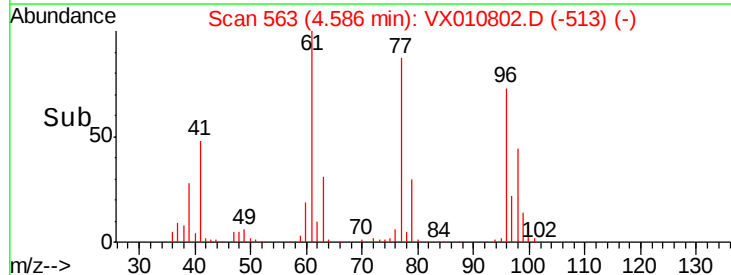
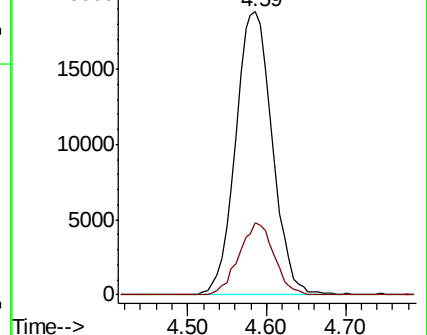
77 100

97 24.4 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



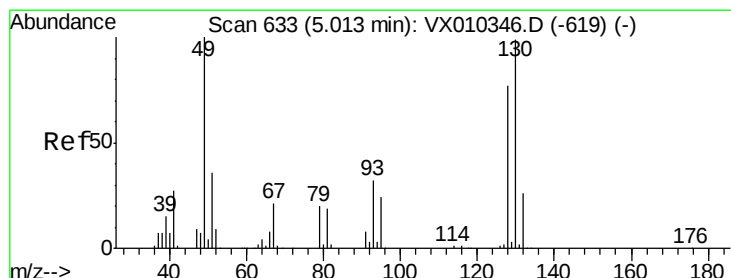
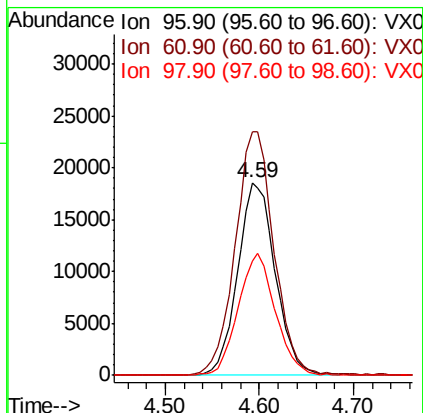
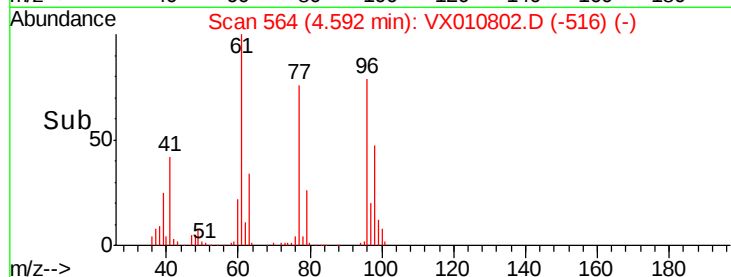
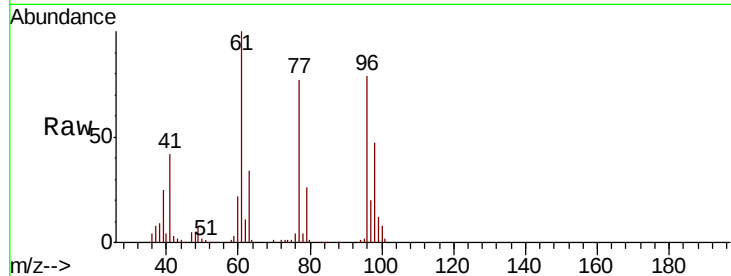


#27

cis-1,2-Dichloroethene
 Concen: 20.704 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

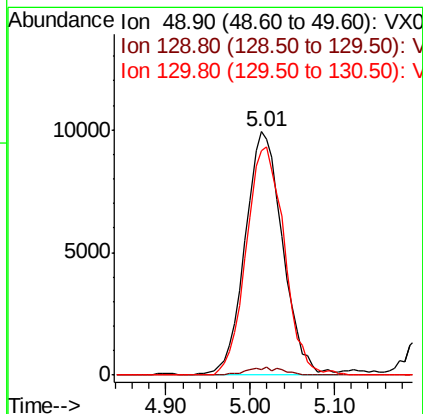
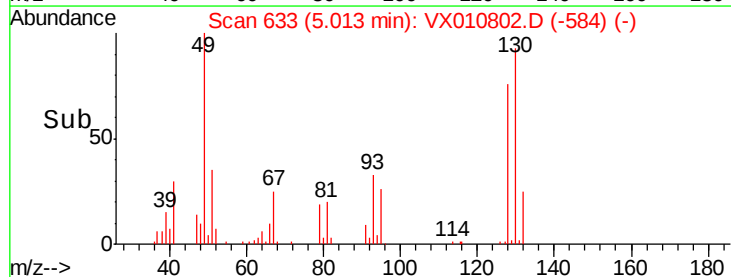
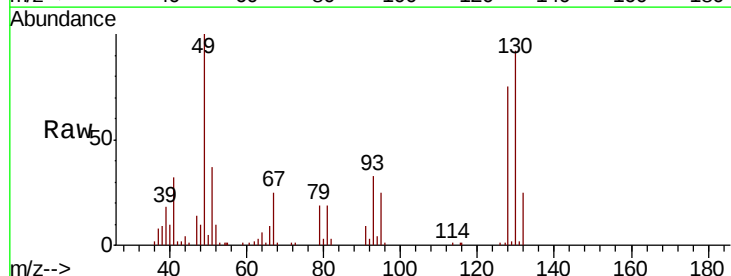
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	251.8
98	62.7	0.0	129.4

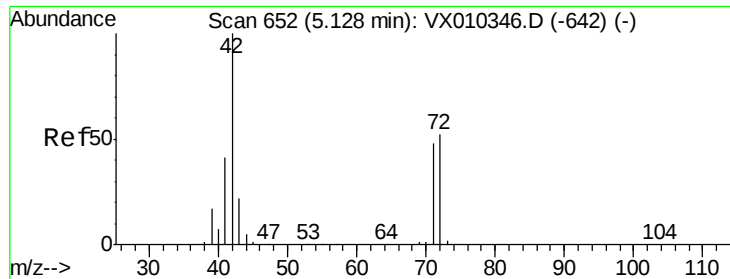


#28

Bromochloromethane
 Concen: 18.295 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.6
130	94.5	81.4	122.0

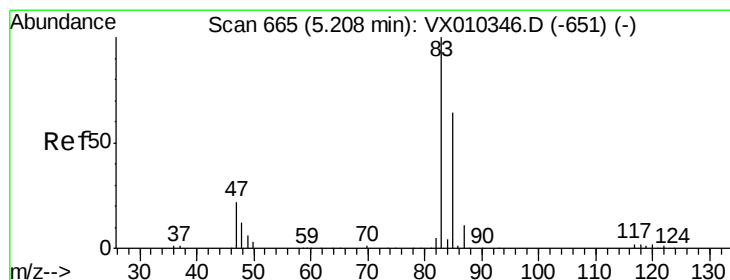
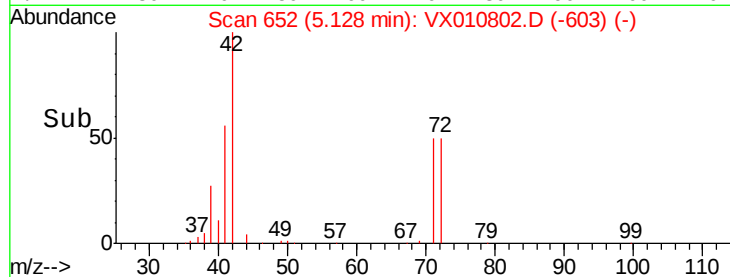
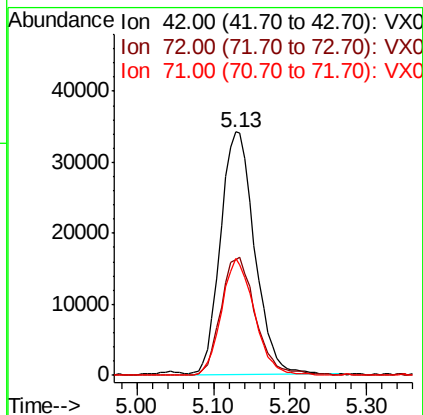
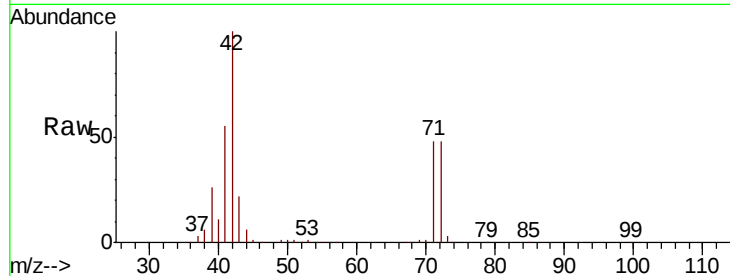




#29
Tetrahydrofuran
Concen: 106.377 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

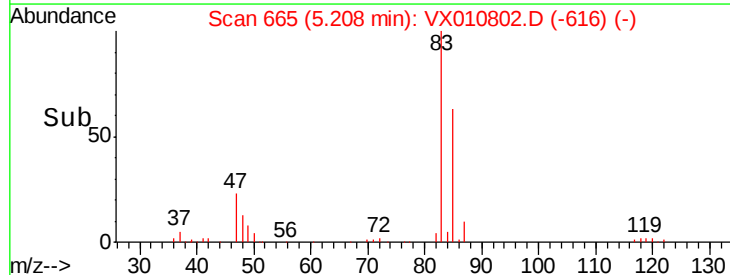
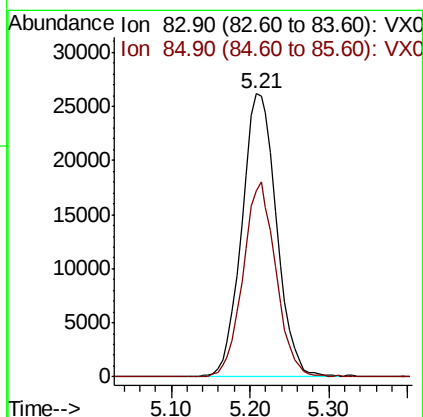
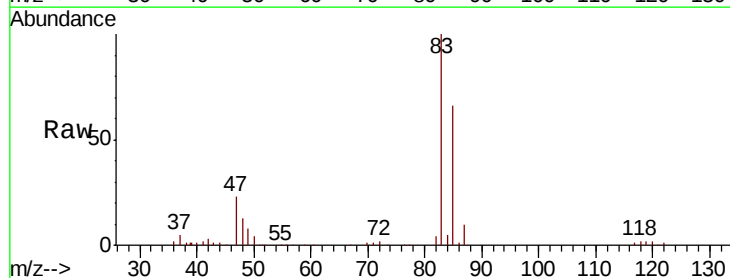
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

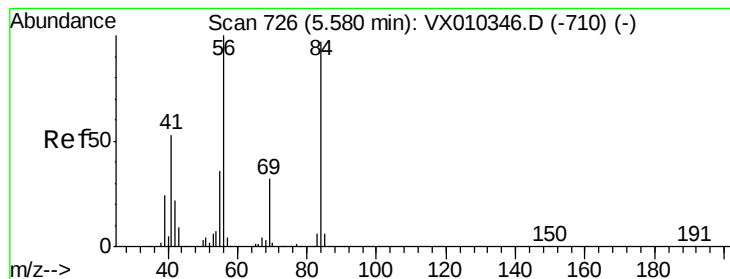
Tot Ion: 42 Resp: 105490
Ion Ratio Lower Upper
42 100
72 49.7 40.6 60.8
71 46.5 37.8 56.8



#30
Chloroform
Concen: 21.553 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 83 Resp: 80104
Ion Ratio Lower Upper
83 100
85 65.9 50.9 76.3





#31

Cyclohexane

Concen: 20.918 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

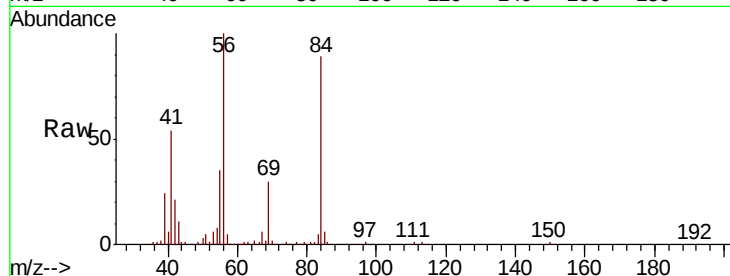
Tot Ion: 56 Resp: 65801

Ion Ratio Lower Upper

56 100

69 29.5 25.9 38.9

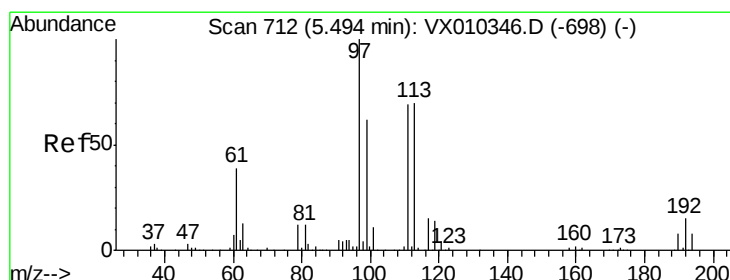
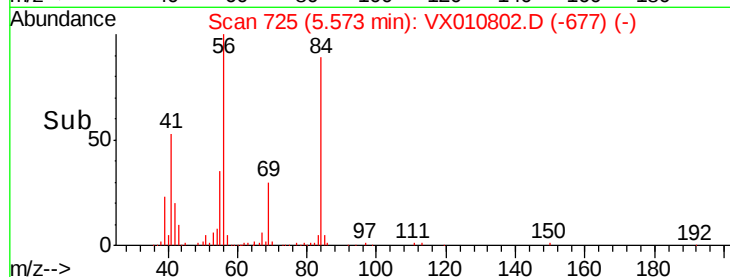
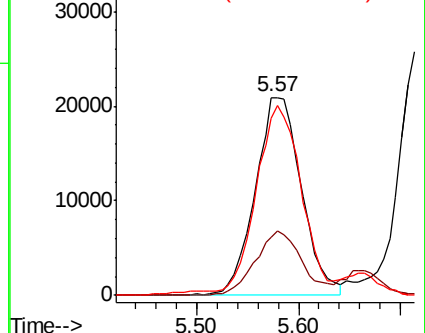
84 87.1 78.0 117.0



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: 20.666 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

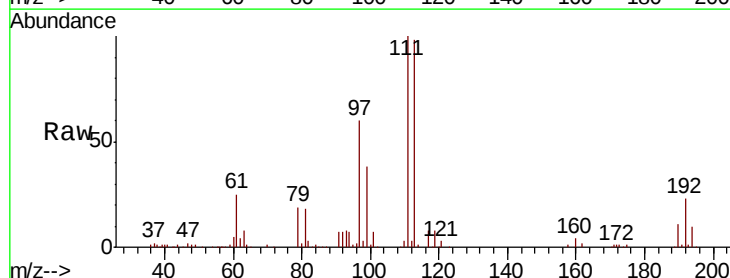
Tgt Ion: 97 Resp: 67823

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

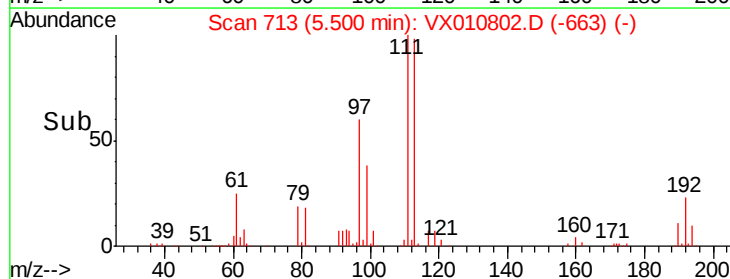
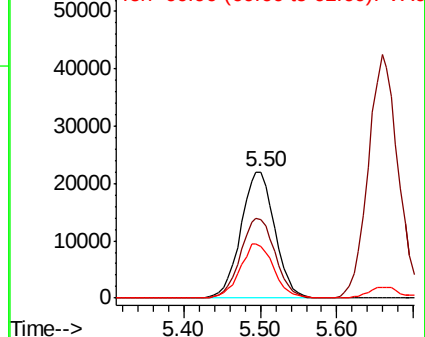
61 41.7 32.1 48.1

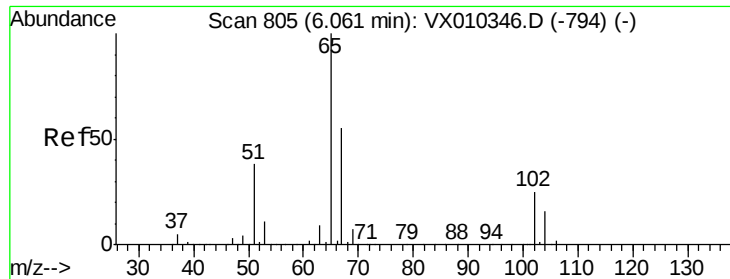


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

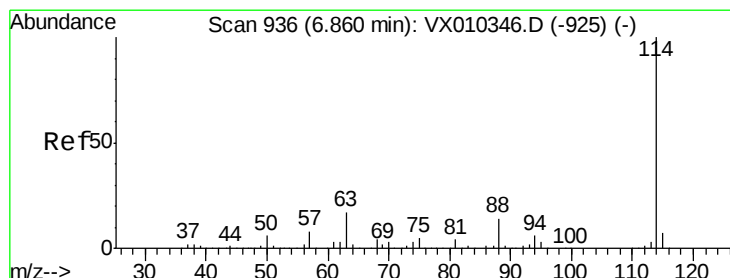
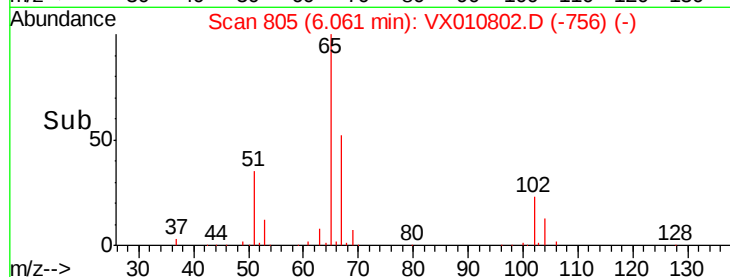
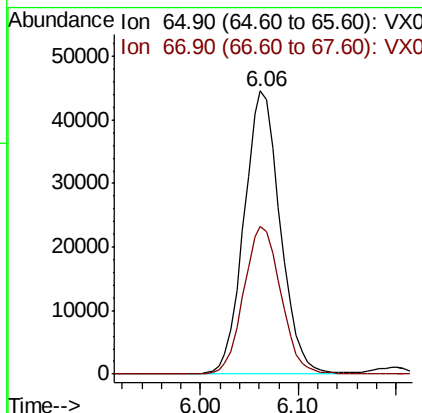
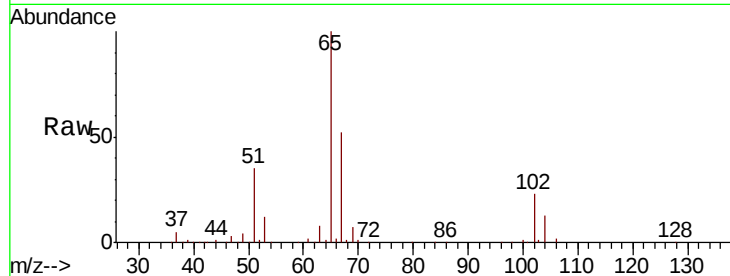




#33
 1,2-Dichloroethane-d4
 Concen: 52.422 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

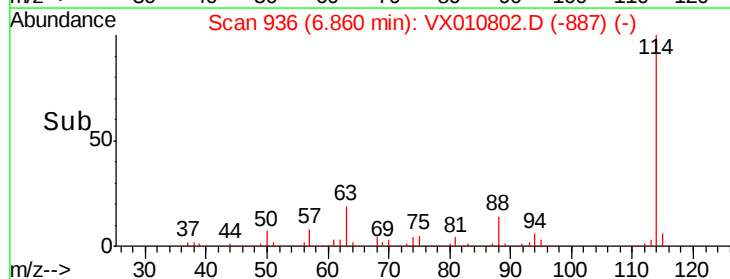
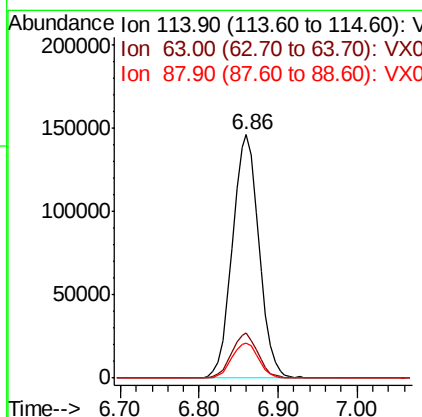
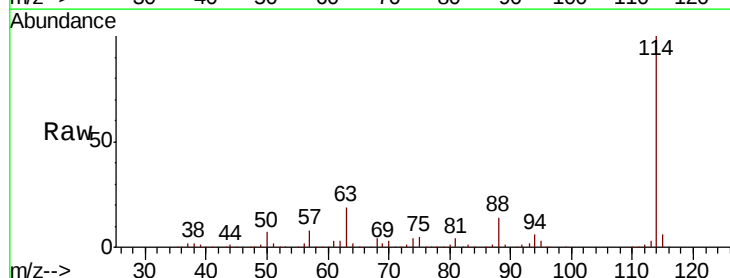
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

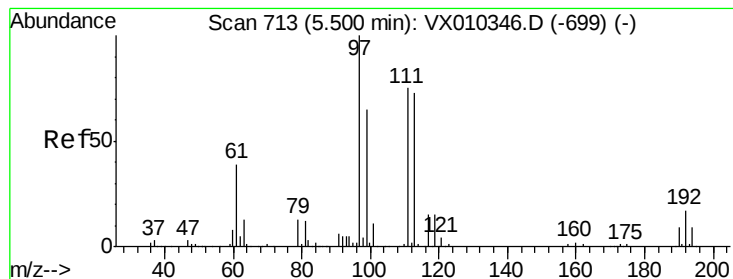
Tot Ion: 65 Resp: 114162
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Tgt Ion: 114 Resp: 341252
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.367 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

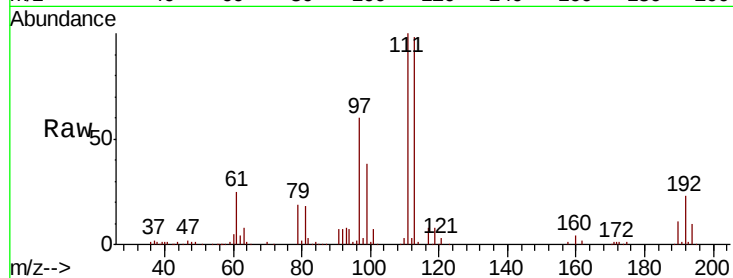
Tot Ion:113 Resp: 100985

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

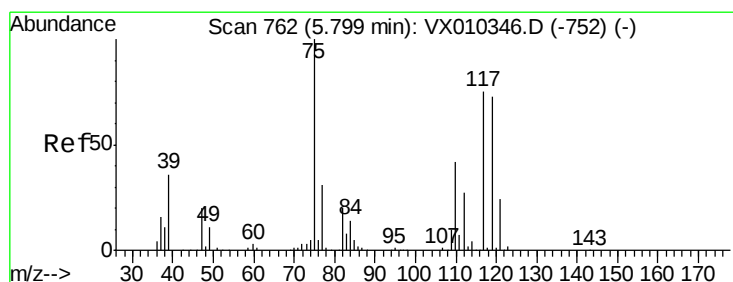
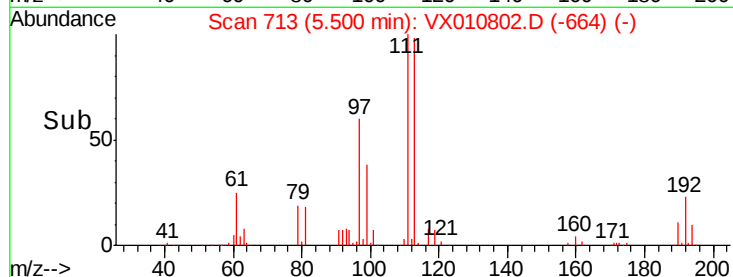
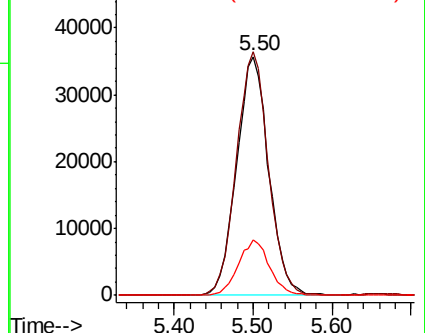
192 22.4 18.6 27.8



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: 21.039 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

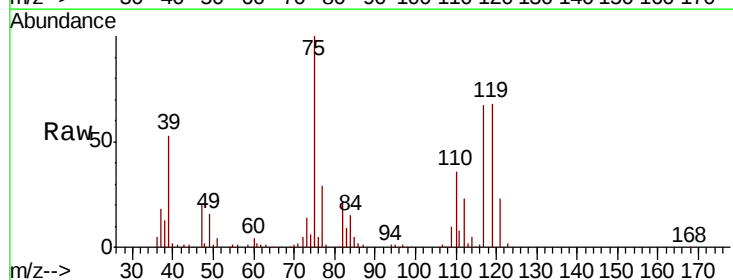
Tgt Ion: 75 Resp: 57053

Ion Ratio Lower Upper

75 100

110 39.1 20.8 62.2

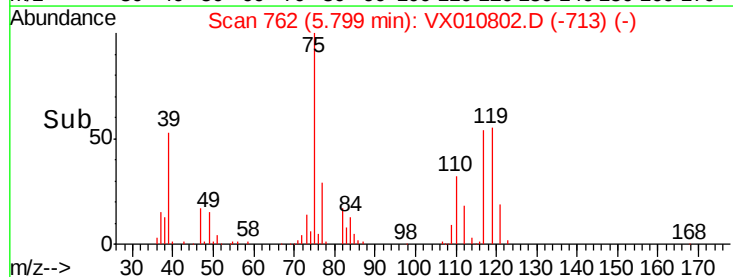
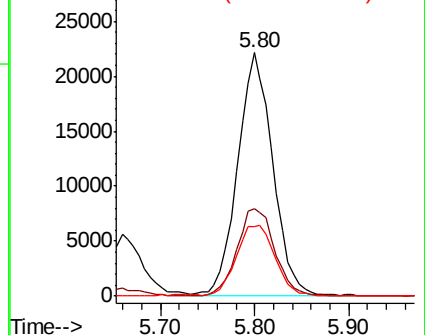
77 32.4 25.4 38.0

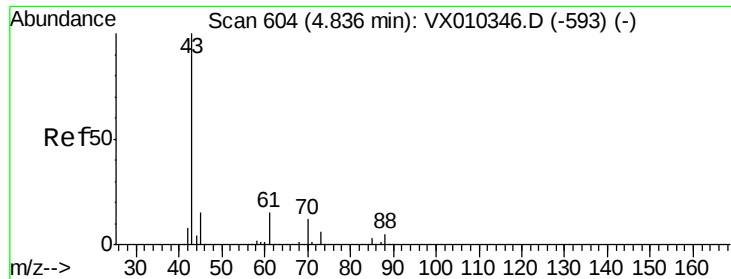


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

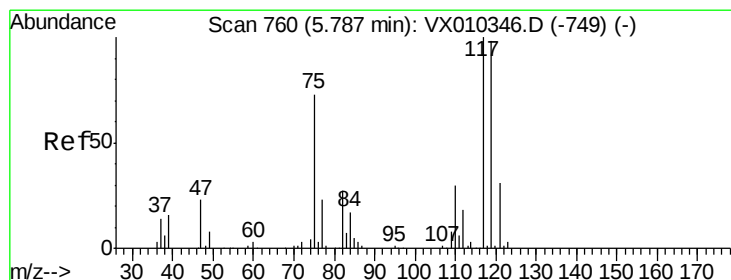
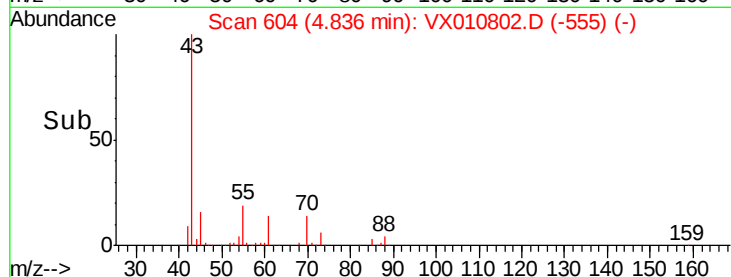
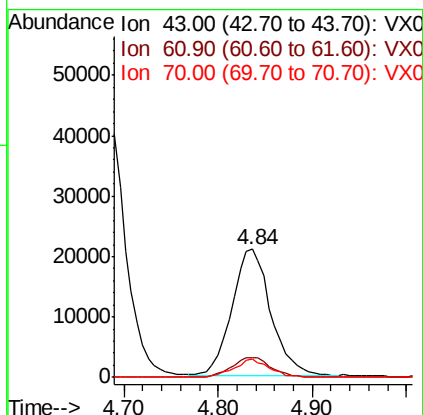
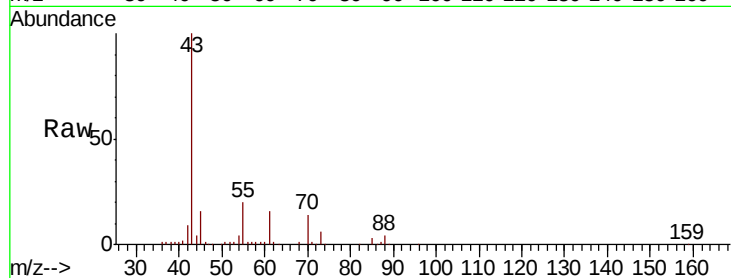




#37
Ethyl Acetate
Concen: 21.591 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

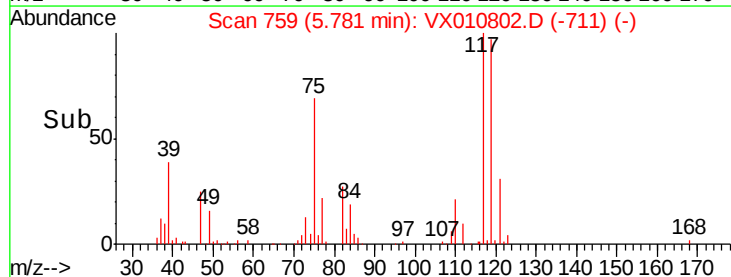
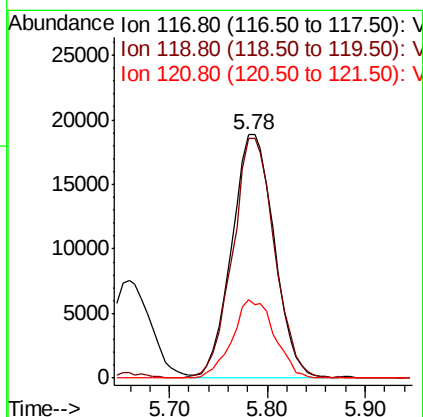
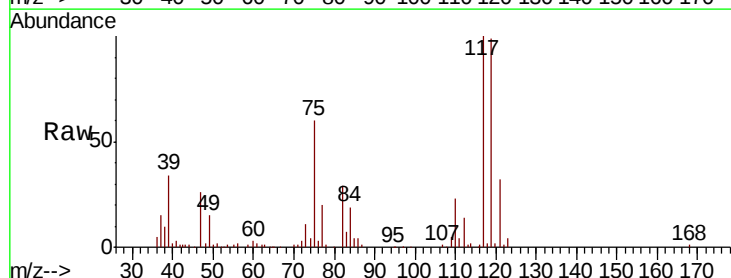
Instrument :
MSVOA_X
ClientSampled :
VX0711WBS02

Tot Ion: 43 Resp: 60233
Ion Ratio Lower Upper
43 100
61 16.1 12.4 18.6
70 13.2 9.8 14.8



#38
Carbon Tetrachloride
Concen: 19.372 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 117 Resp: 56885
Ion Ratio Lower Upper
117 100
119 98.2 78.2 117.4
121 32.2 24.7 37.1

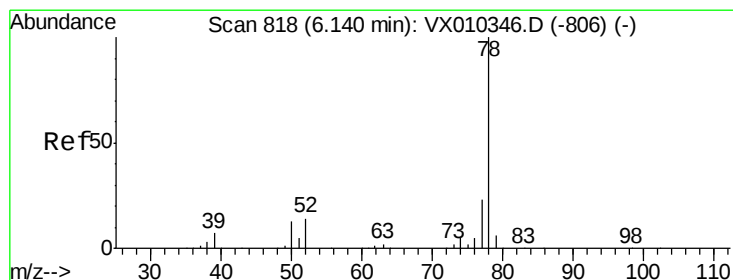
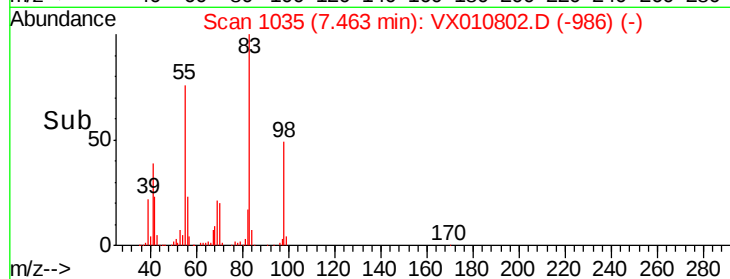
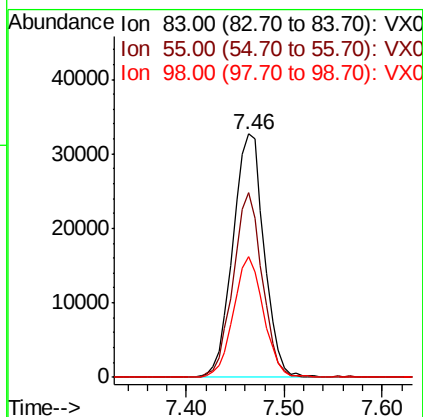
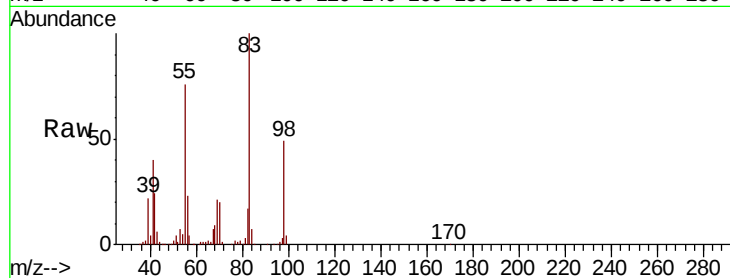




#39
Methvlcvclohexane
Concen: 20.339 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

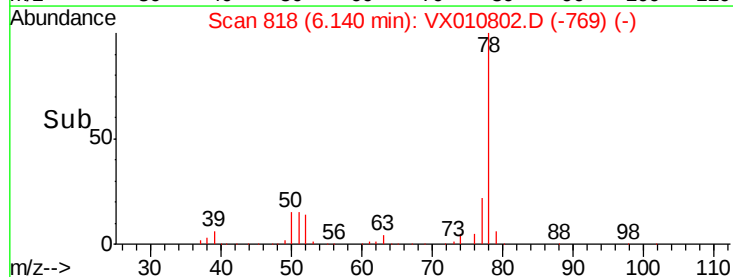
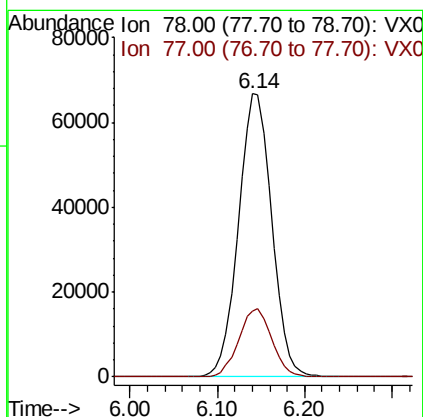
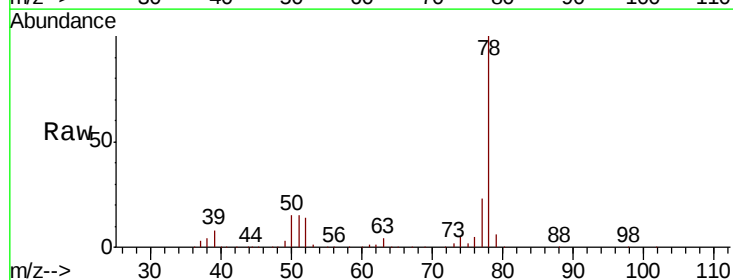
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

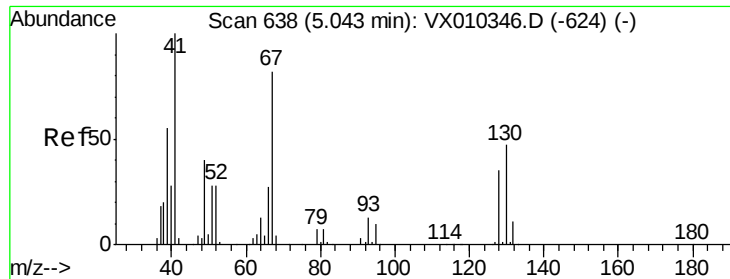
Tot Ion: 83 Resp: 72499
Ion Ratio Lower Upper
83 100
55 75.7 53.0 79.6
98 49.4 37.8 56.8



#40
Benzene
Concen: 20.906 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 78 Resp: 176623
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

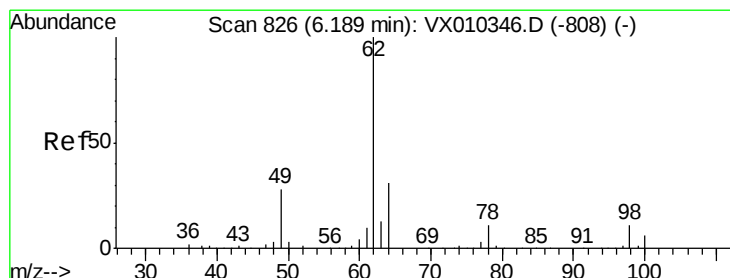
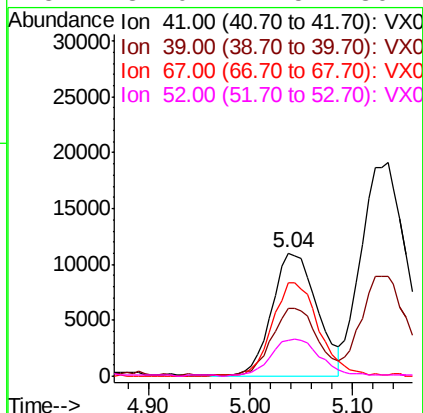
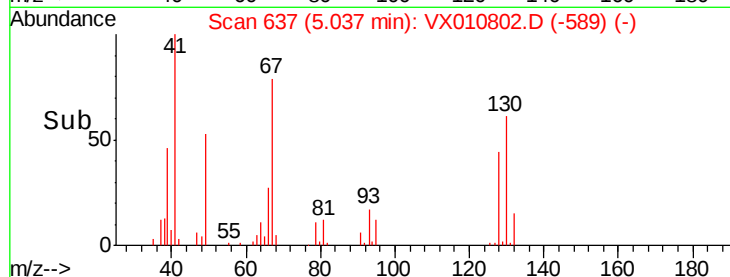
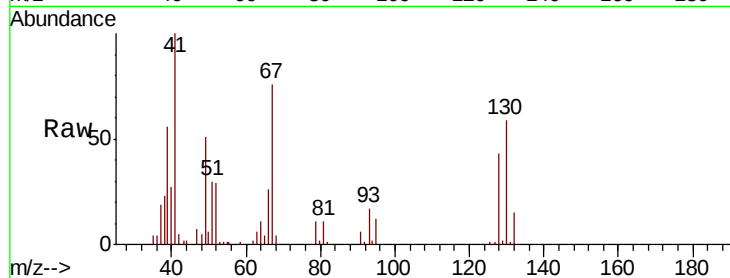




#41
Methacrylonitrile
Concen: 21.995 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

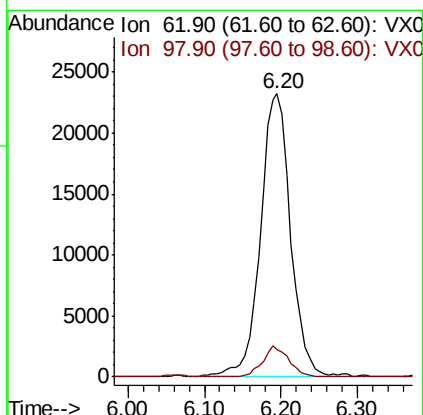
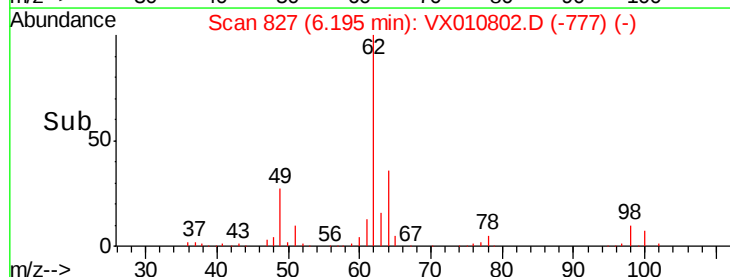
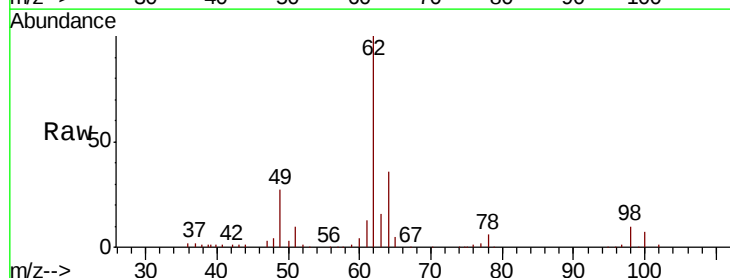
Instrument :
MSVOA_X
ClientSampleID :
VX0711WBS02

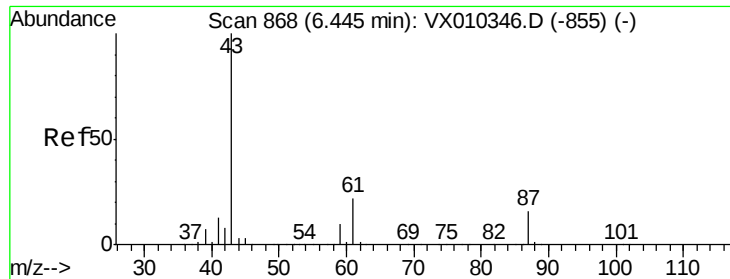
Tot Ion:	41	Resp:	33668
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.8	65.8
67	79.1	66.6	100.0
52	32.0	24.5	36.7



#42
1,2-Dichloroethane
Concen: 24.725 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion:	62	Resp:	63586
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.2





#43

Isopropyl Acetate

Concen: 21.100 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS02

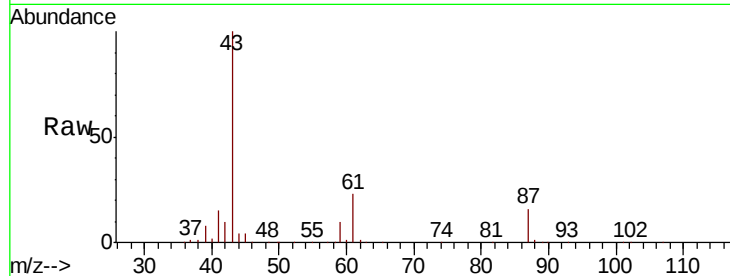
Tot Ion: 43 Resp: 97391

Ion Ratio Lower Upper

43 100

61 21.6 17.8 26.6

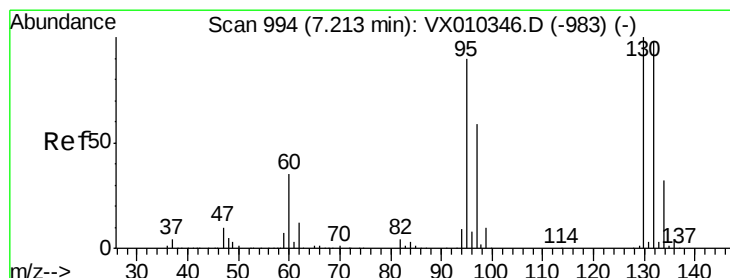
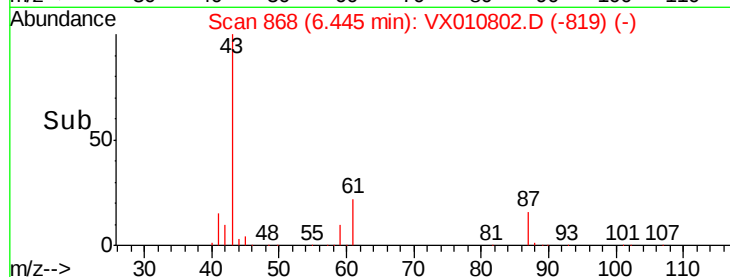
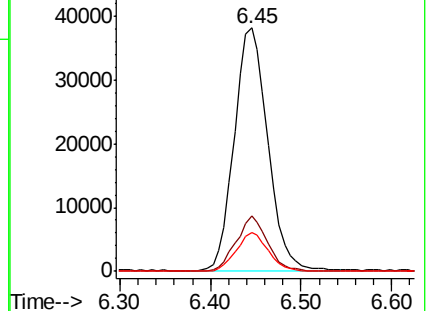
87 15.3 13.0 19.4



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: 20.431 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010802.D

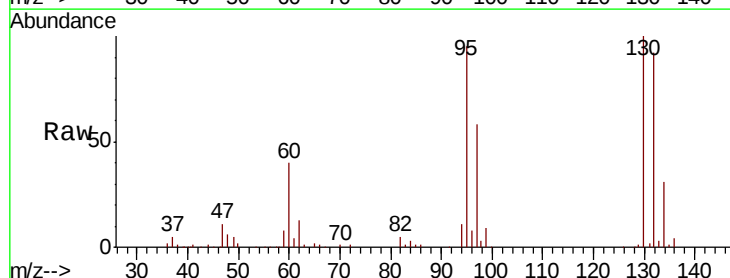
Acq: 11 Jul 2019 13:16

Tgt Ion:130 Resp: 51649

Ion Ratio Lower Upper

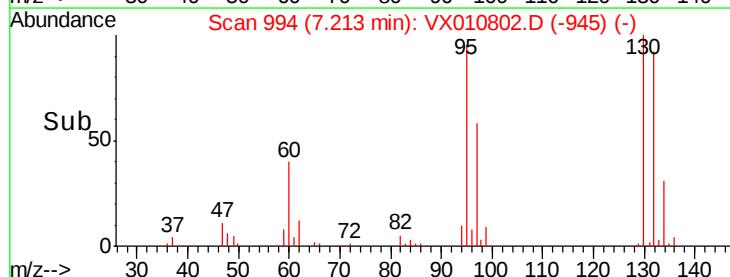
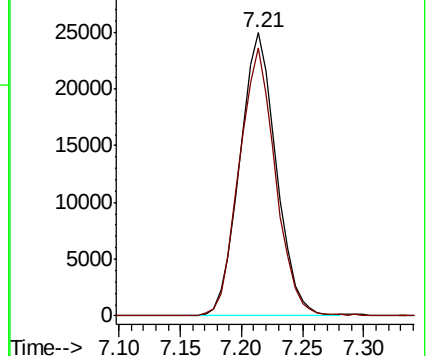
130 100

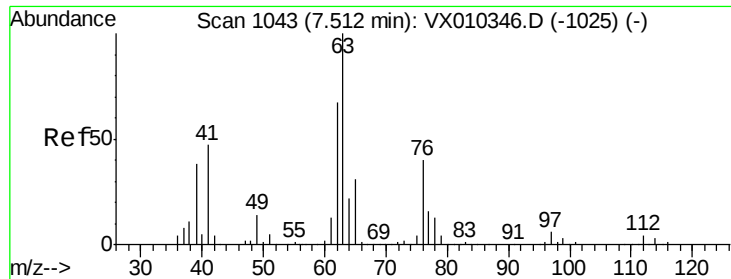
95 94.6 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.917 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

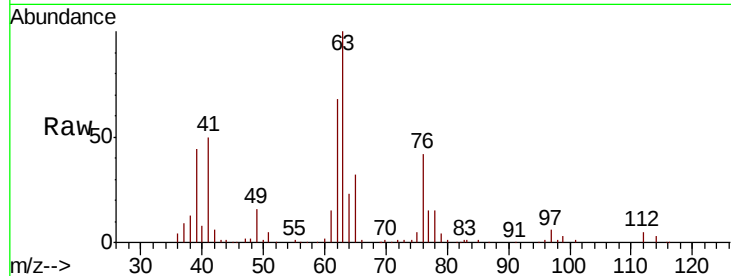
VX0711WBS02

Tot Ion: 63 Resp: 44626

Ion Ratio Lower Upper

63 100

65 31.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

10000

5000

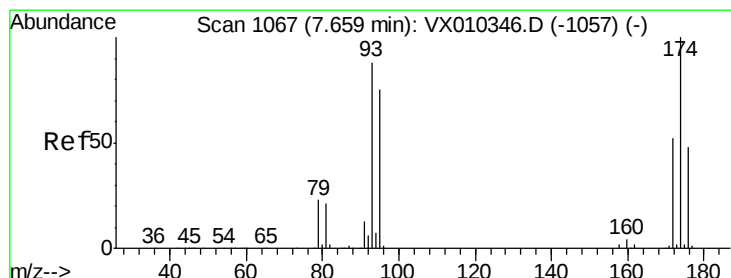
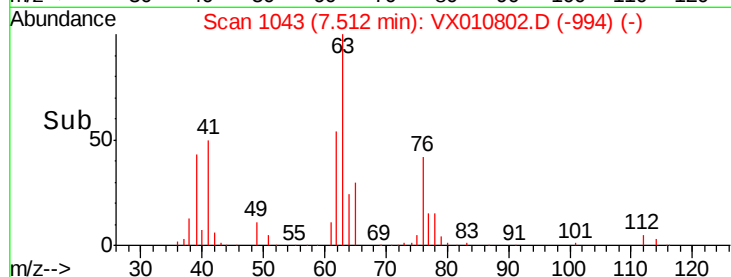
0

7.40

7.50

7.60

Time-->



#46

Dibromomethane

Concen: 21.165 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

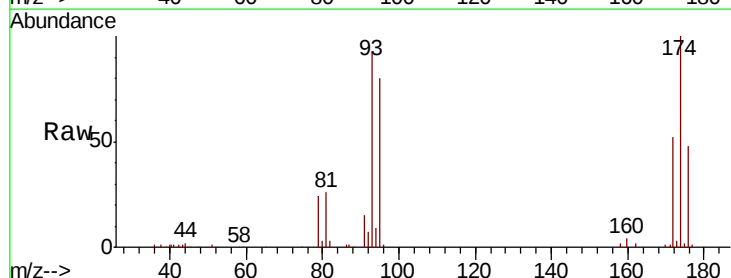
Tgt Ion: 93 Resp: 32397

Ion Ratio Lower Upper

93 100

95 83.0 67.5 101.3

174 109.9 95.8 143.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

10000

5000

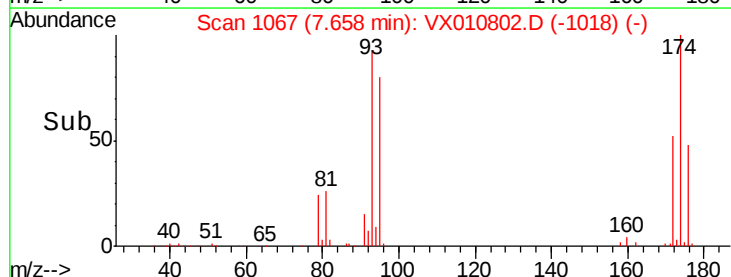
0

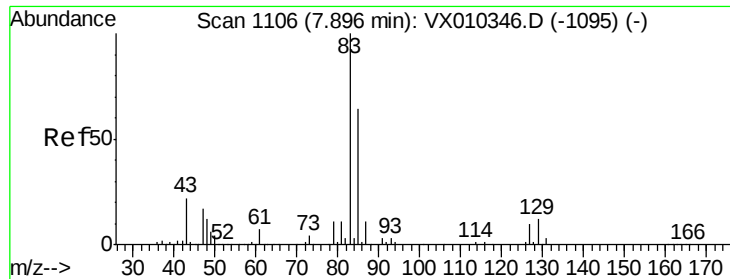
7.60

7.70

7.80

Time-->





#47

Bromodichloromethane

Concen: 19.471 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

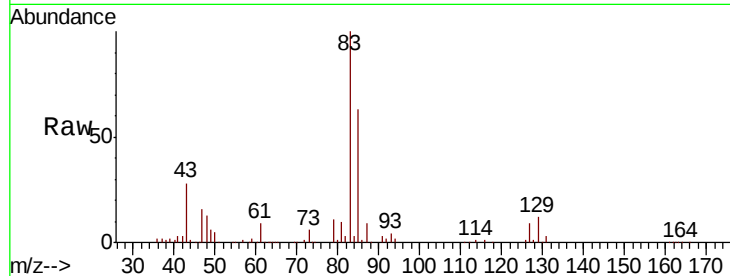
Tot Ion: 83 Resp: 54621

Ion Ratio Lower Upper

83 100

85 62.6 51.5 77.3

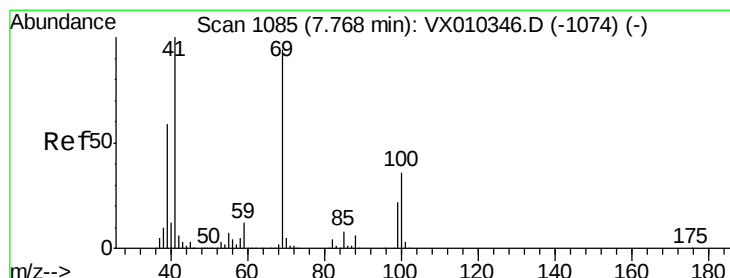
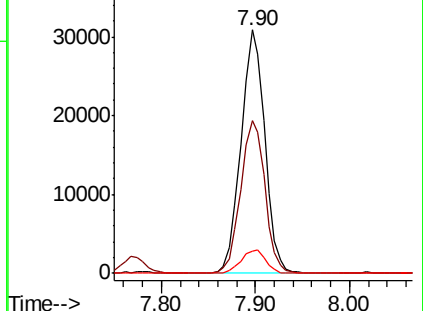
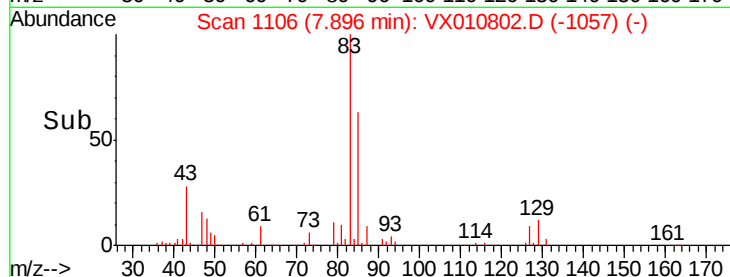
127 9.3 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.848 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

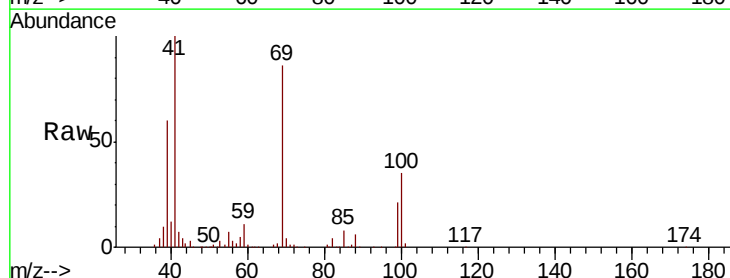
Tgt Ion: 41 Resp: 46873

Ion Ratio Lower Upper

41 100

69 91.2 76.1 114.1

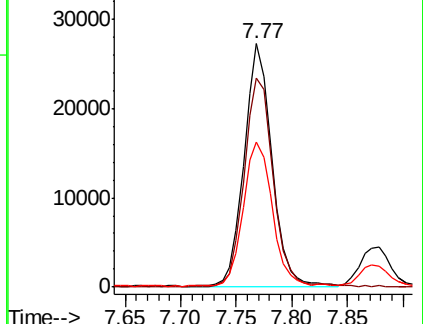
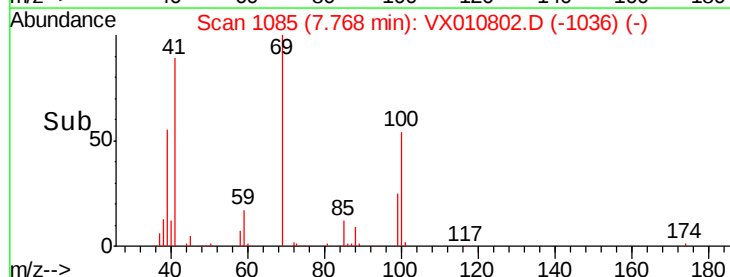
39 63.0 47.6 71.4

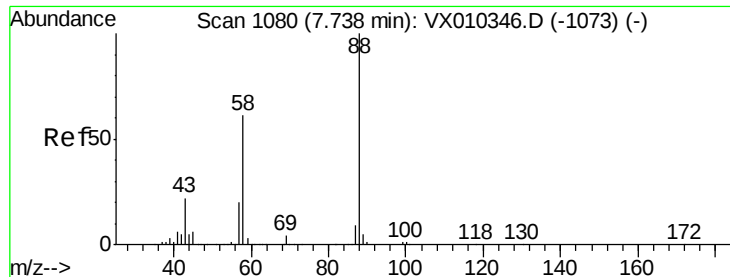


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

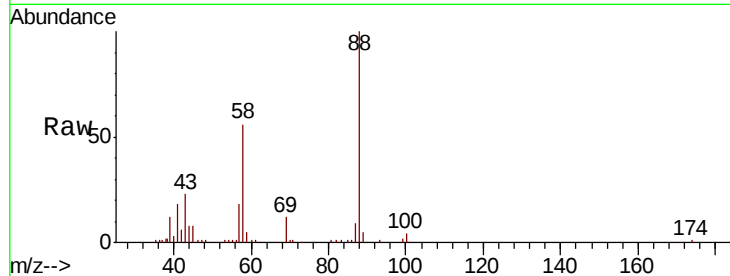




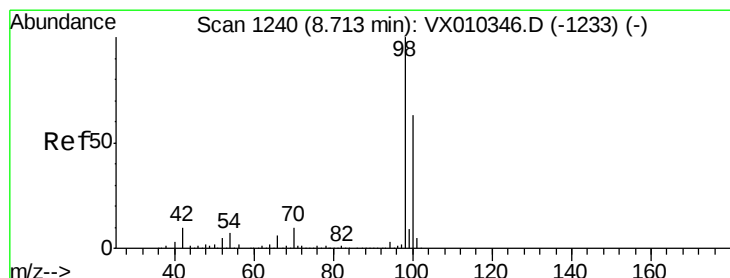
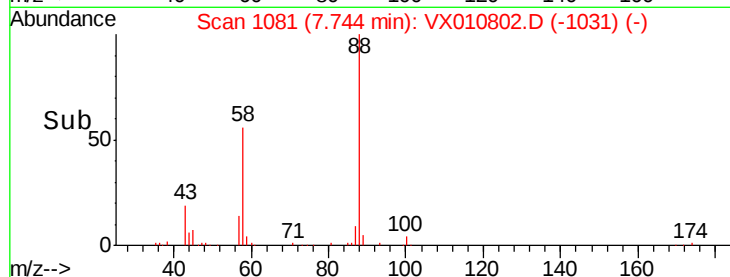
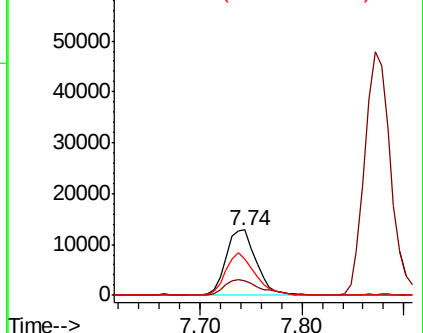
#49
1,4-Dioxane
Concen: 428.923 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 88 Resp: 26509
Ion Ratio Lower Upper
88 100
43 27.0 20.2 30.2
58 63.2 49.5 74.3

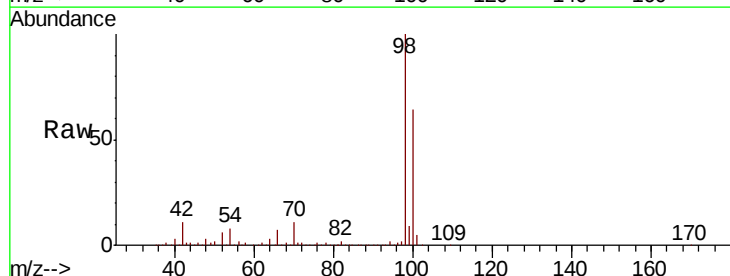


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

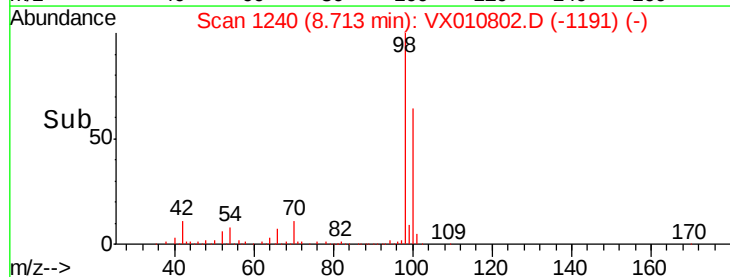
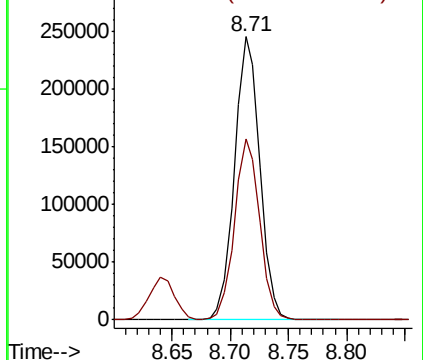


#50
Toluene-d8
Concen: 46.607 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 98 Resp: 372290
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



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

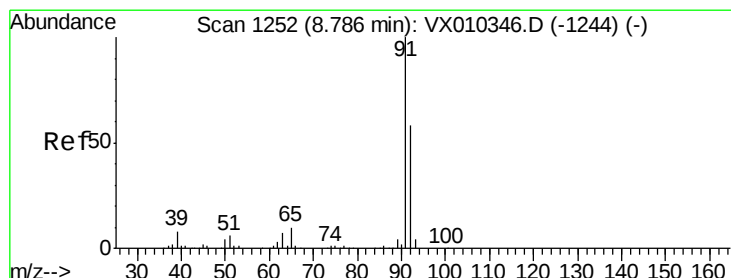
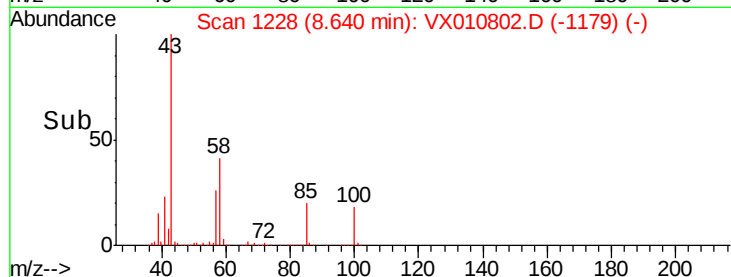
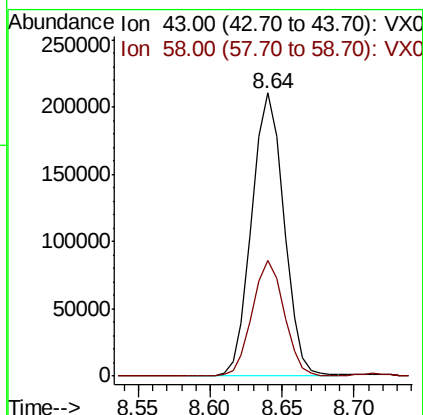
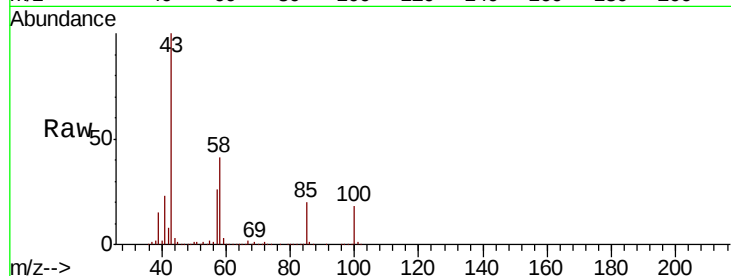




#51
4-Methyl-2-Pentanone
Concen: 110.297 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

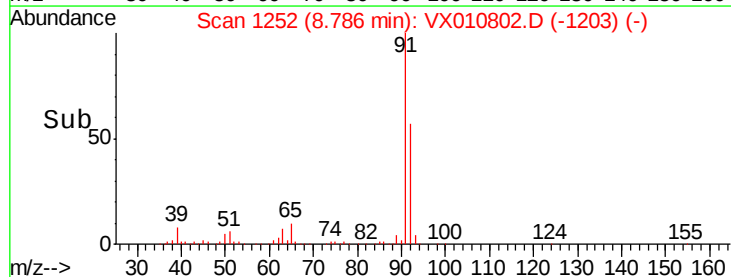
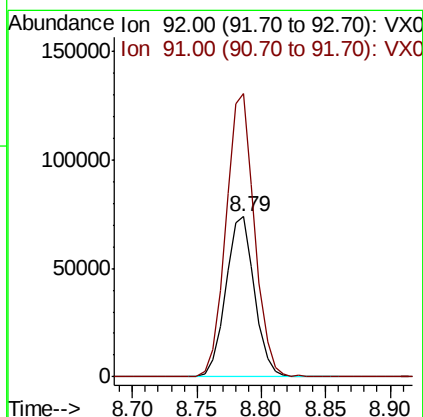
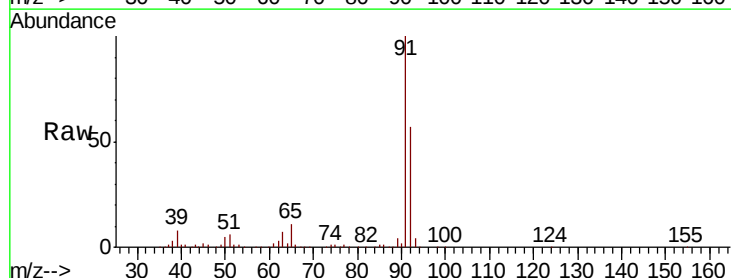
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

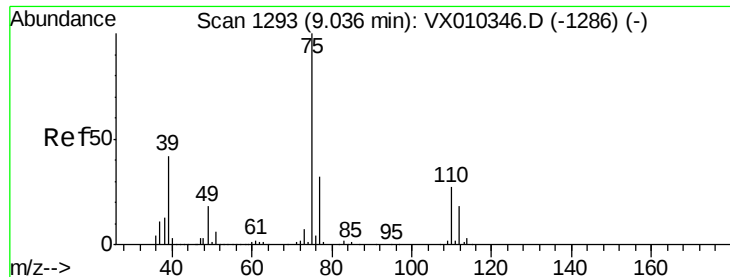
Tot Ion: 43 Resp: 325593
Ion Ratio Lower Upper
43 100
58 40.6 33.5 50.3



#52
Toluene
Concen: 20.787 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 92 Resp: 115652
Ion Ratio Lower Upper
92 100
91 174.9 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 18.144 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

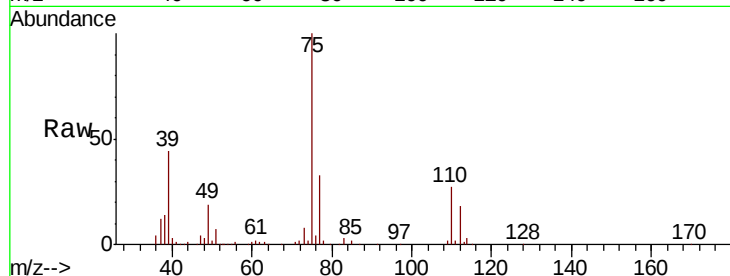
VX0711WBS02

Tot Ion: 75 Resp: 57064

Ion Ratio Lower Upper

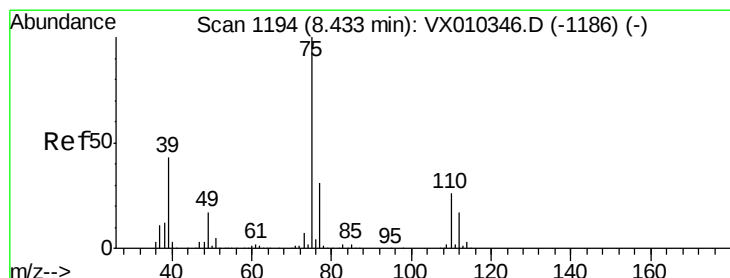
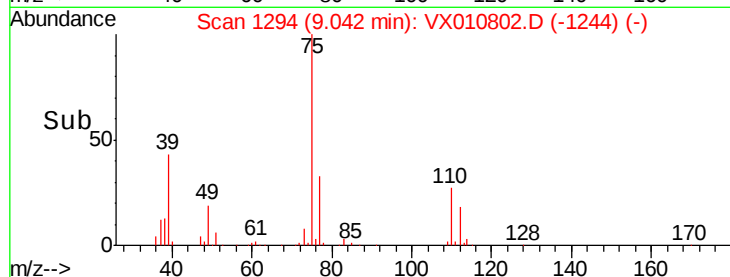
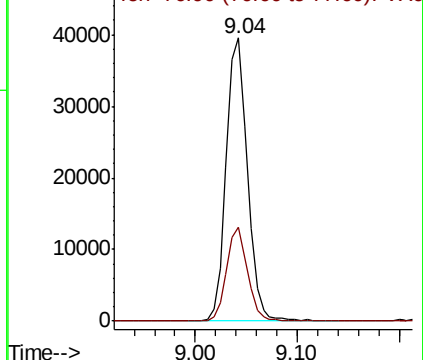
75 100

77 33.4 25.4 38.2



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: 19.339 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

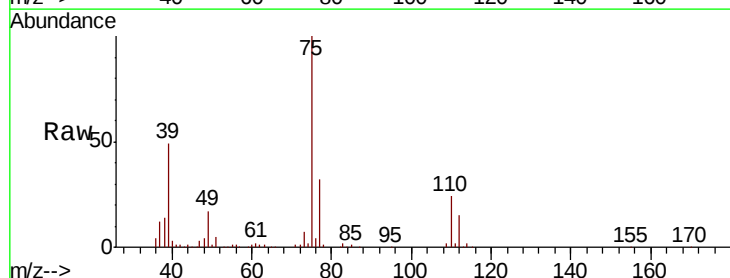
Tgt Ion: 75 Resp: 66097

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

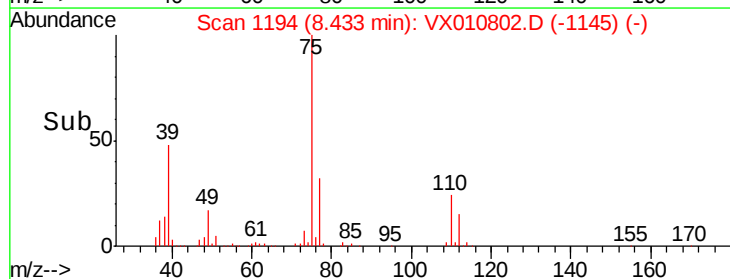
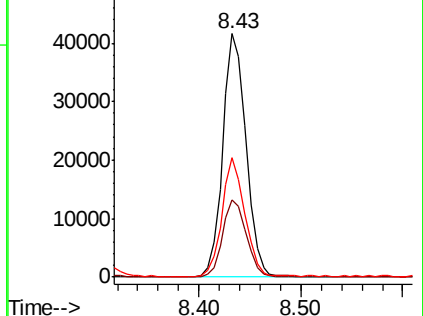
39 48.6 34.5 51.7

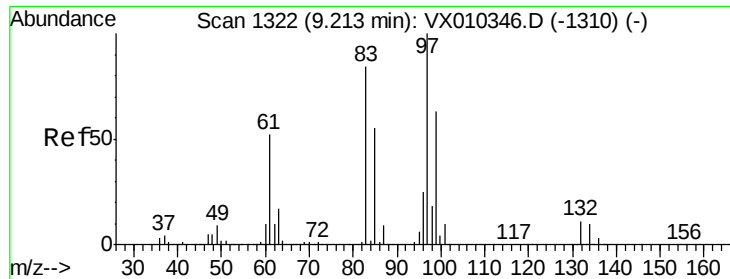


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 21.048 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion: 97 Resp: 48295

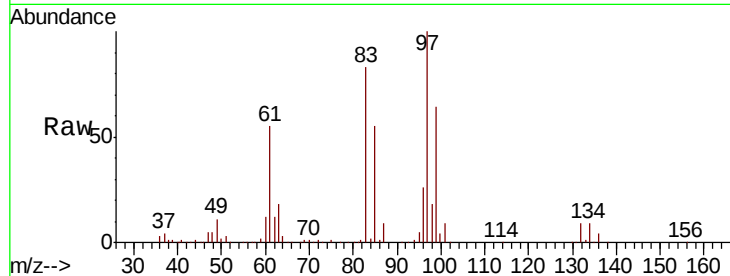
Ion Ratio Lower Upper

97 100

83 83.3 67.4 101.0

85 55.0 43.8 65.8

99 64.2 50.3 75.5

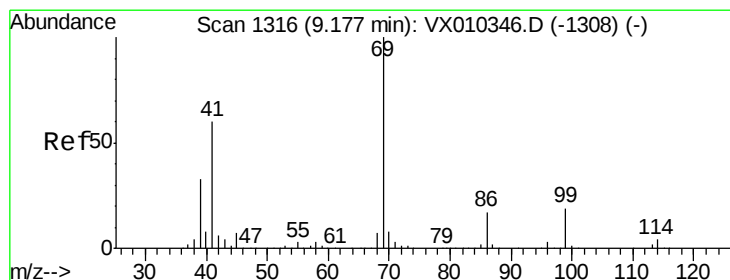
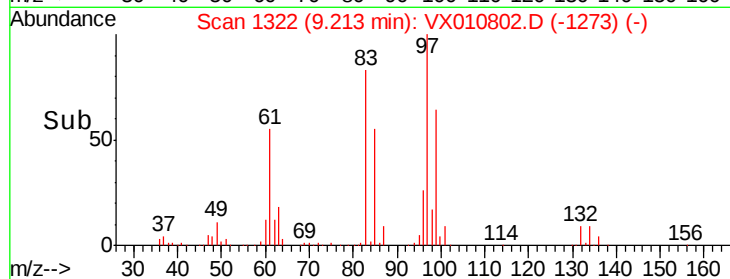
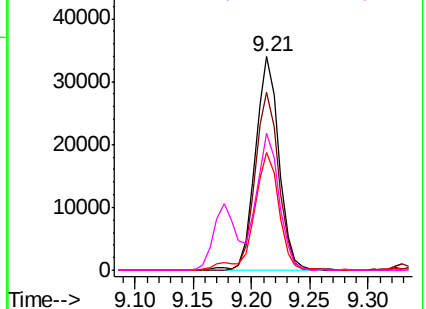


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.170 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

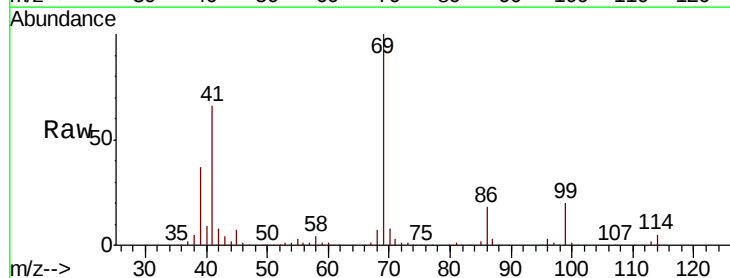
Tgt Ion: 69 Resp: 70110

Ion Ratio Lower Upper

69 100

41 64.2 47.1 70.7

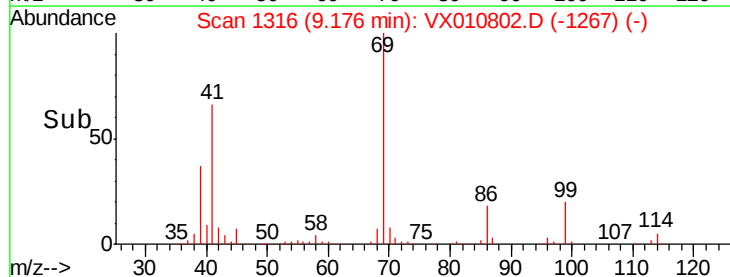
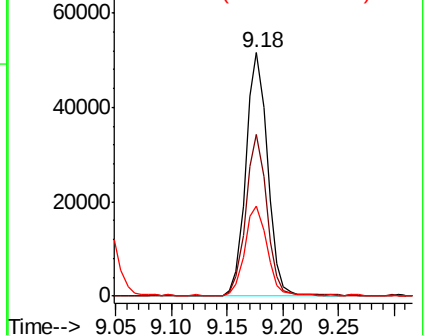
39 37.4 26.6 40.0

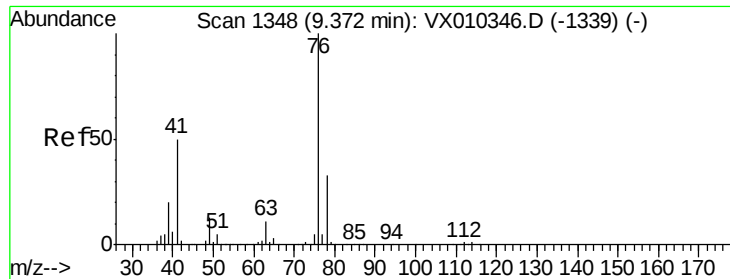


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

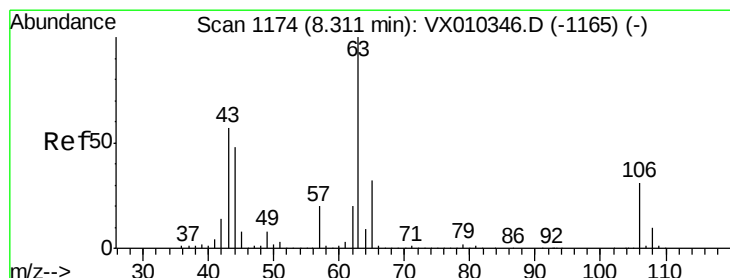
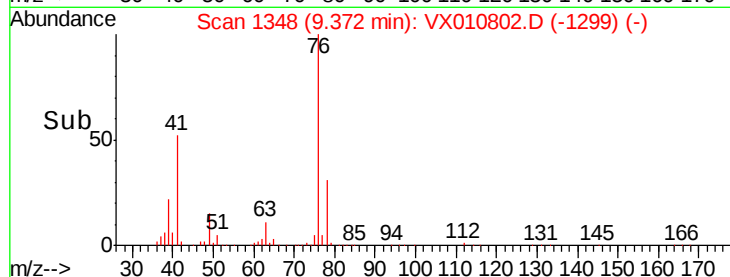
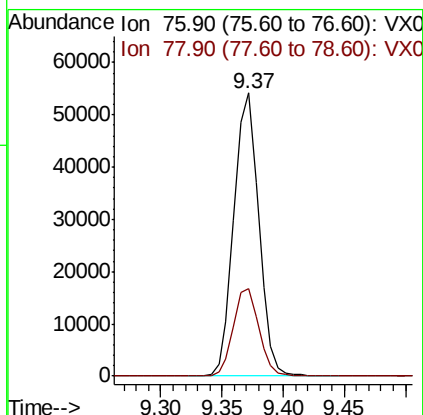
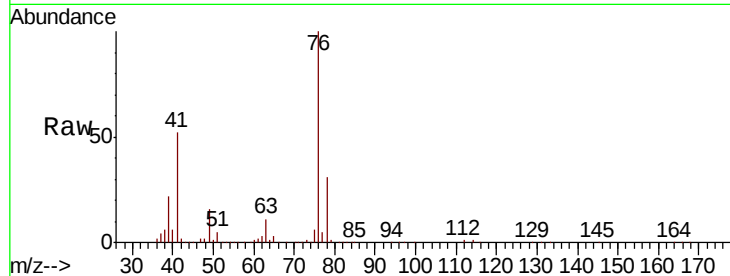




#57
 1,3-Dichloropropane
 Concen: 21.420 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

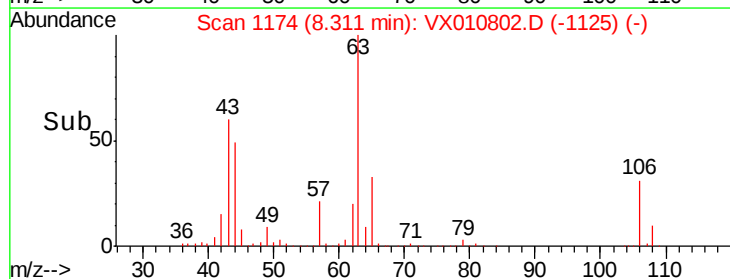
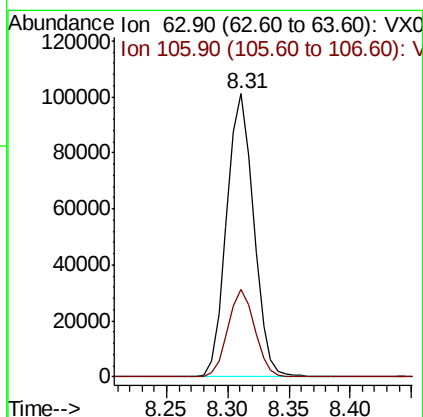
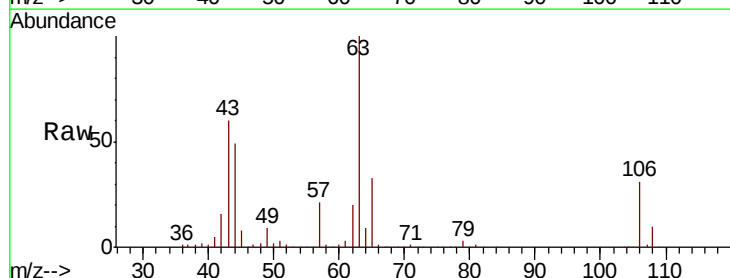
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

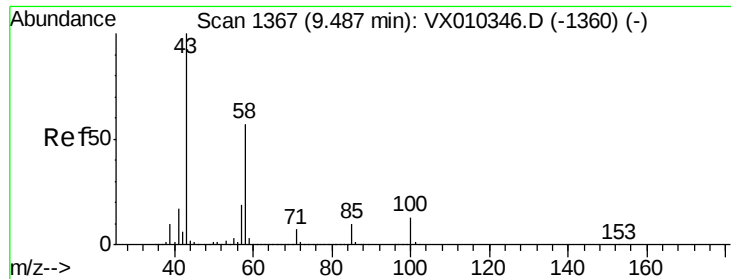
Tot Ion: 76 Resp: 76294
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.065 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Tgt Ion: 63 Resp: 155284
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.7 37.1

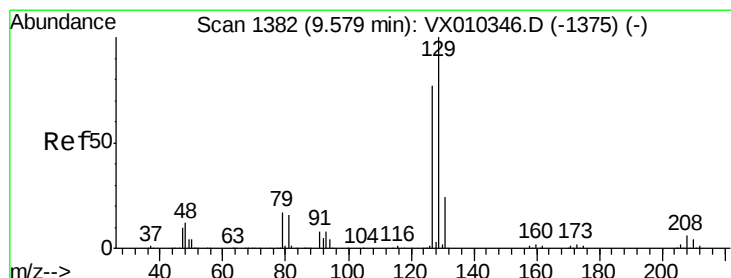
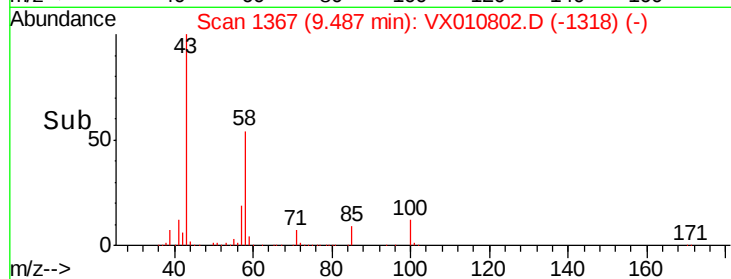
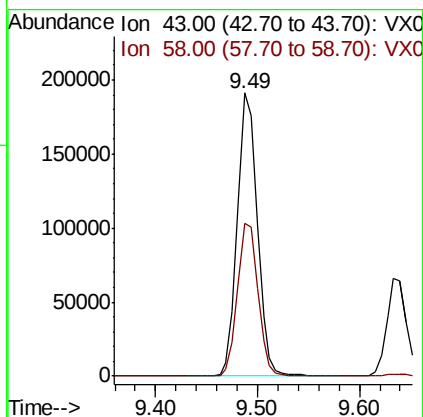
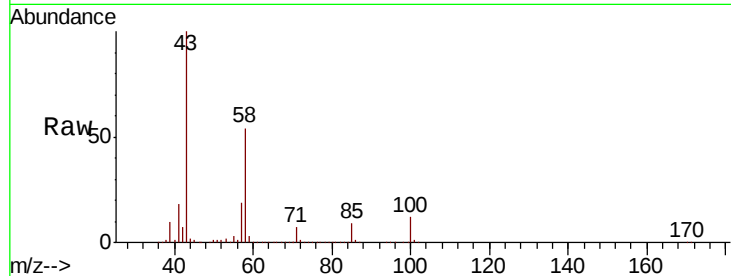




#59
2-Hexanone
Concen: 111.287 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

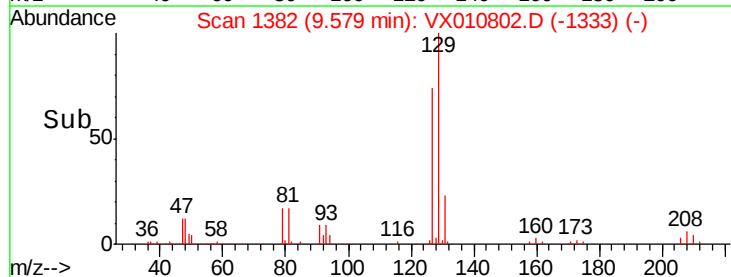
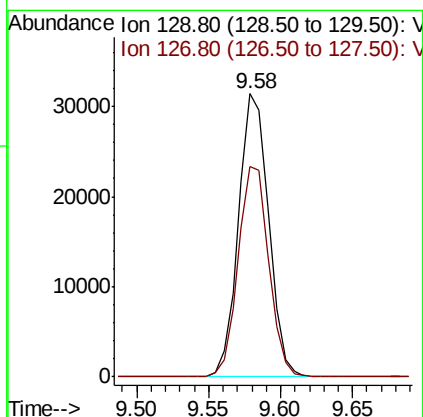
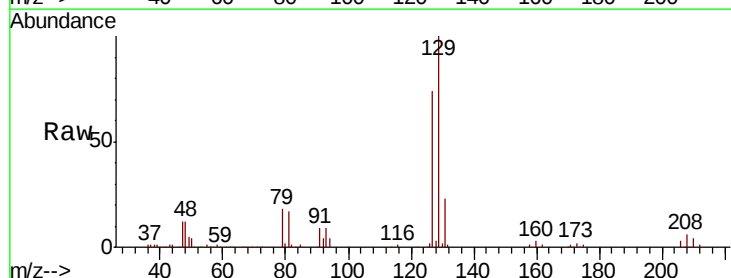
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

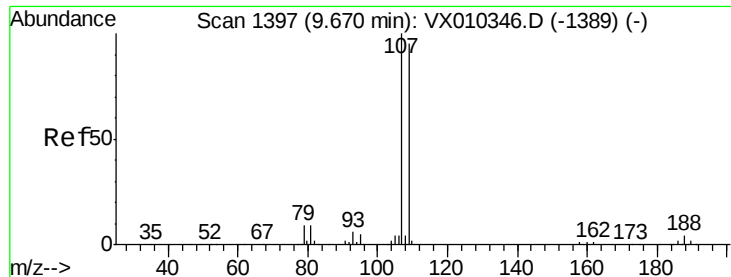
Tot Ion: 43 Resp: 258554
Ion Ratio Lower Upper
43 100
58 55.7 29.0 87.1



#60
Dibromochloromethane
Concen: 17.754 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 129 Resp: 45612
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.1

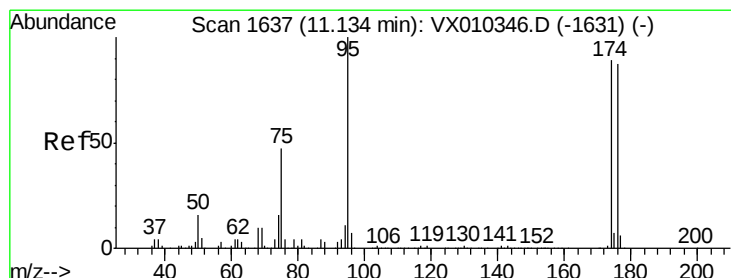
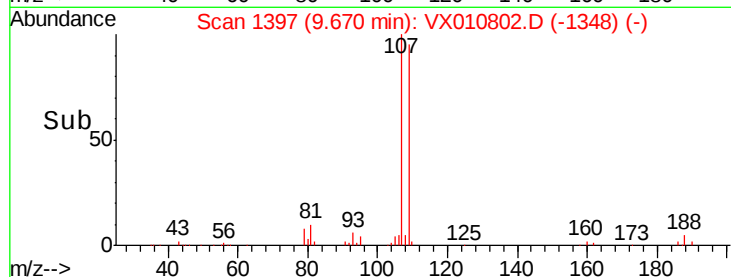
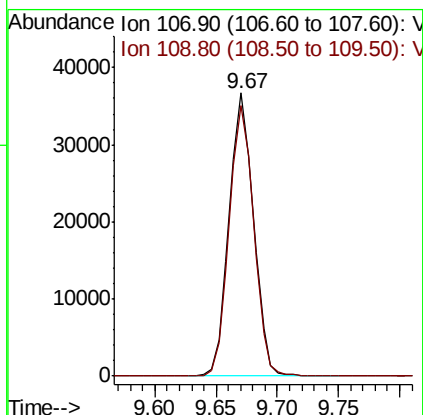
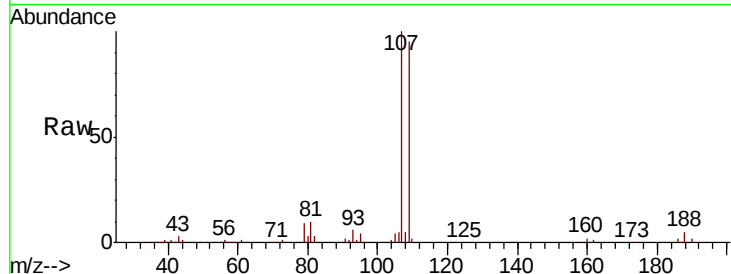




#61
 1,2-Dibromoethane
 Concen: 20.517 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

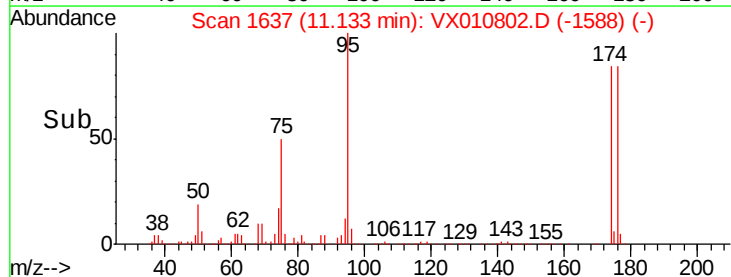
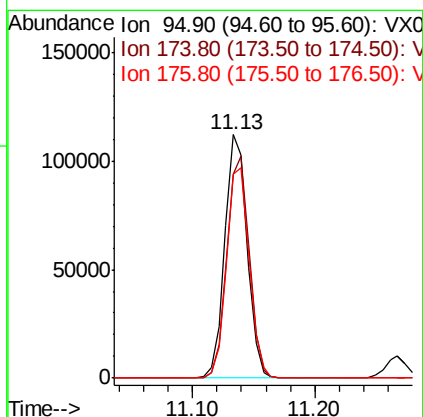
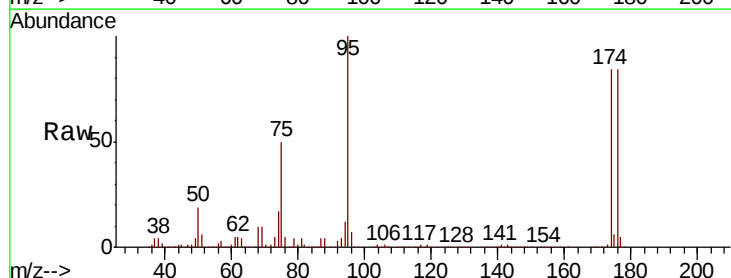
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

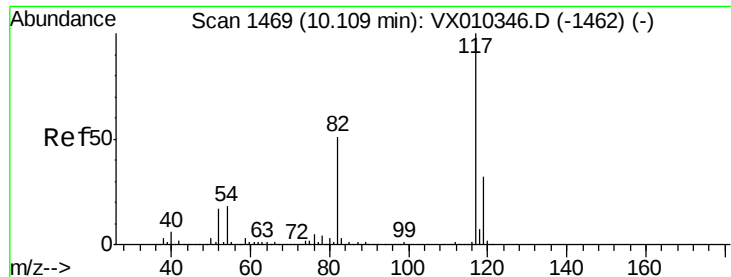
Tot Ion: 107 Resp: 50815
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.068 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Tgt Ion: 95 Resp: 141505
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 187.6
 176 87.8 0.0 184.0

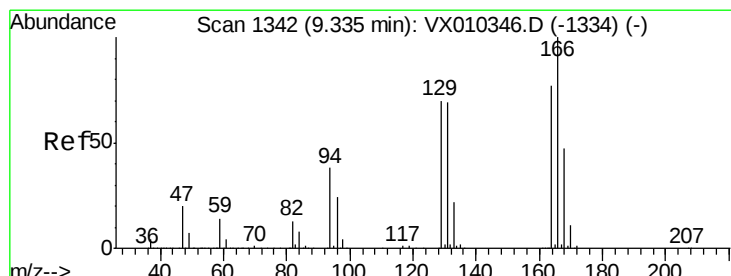
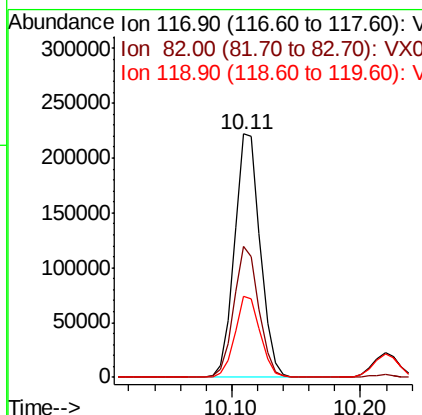
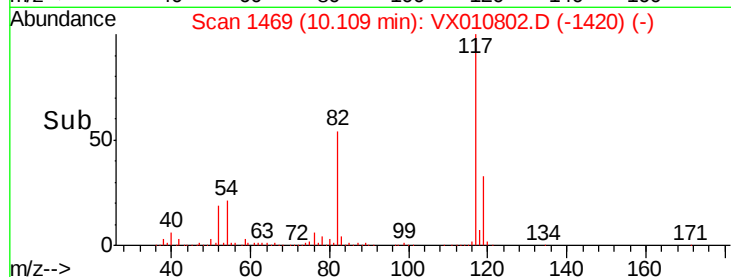
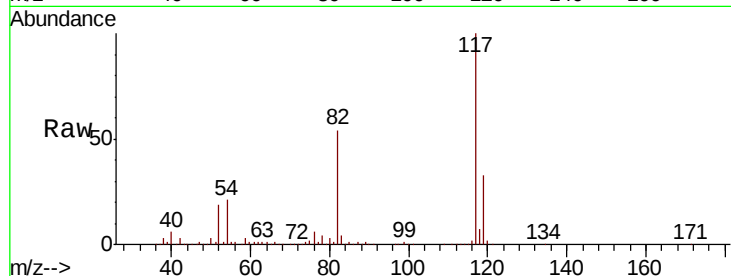




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

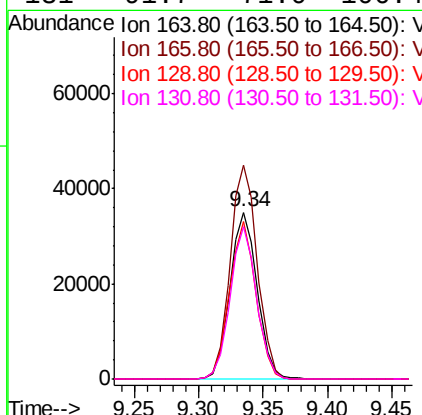
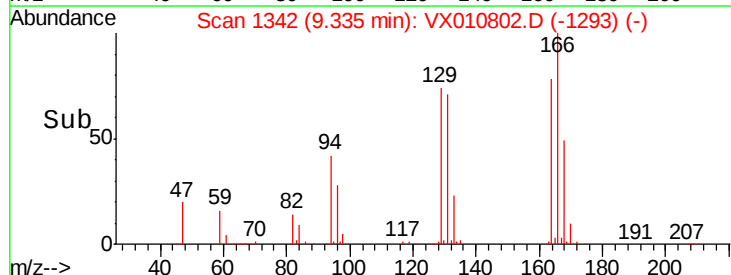
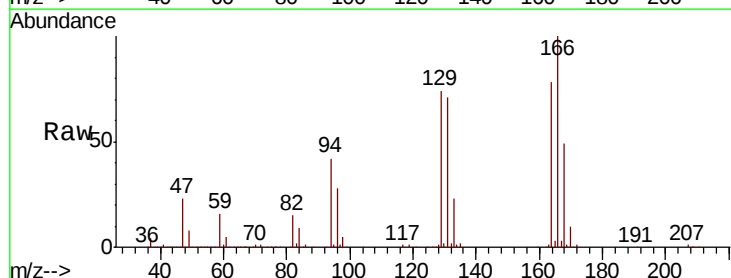
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

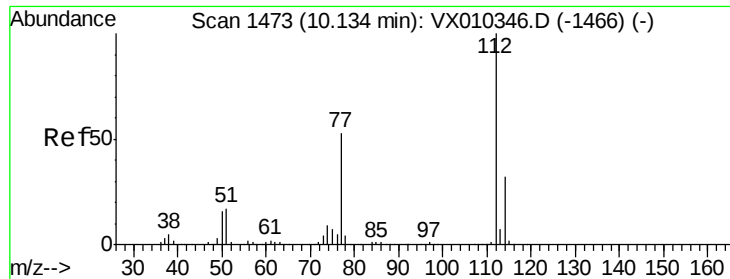
Tot Ion:117 Resp: 307938
Ion Ratio Lower Upper
117 100
82 53.6 41.2 61.8
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 20.744 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion:164 Resp: 51668
Ion Ratio Lower Upper
164 100
166 128.3 103.6 155.4
129 94.4 73.0 109.4
131 91.7 71.0 106.4





#65

Chlorobenzene

Concen: 20.512 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

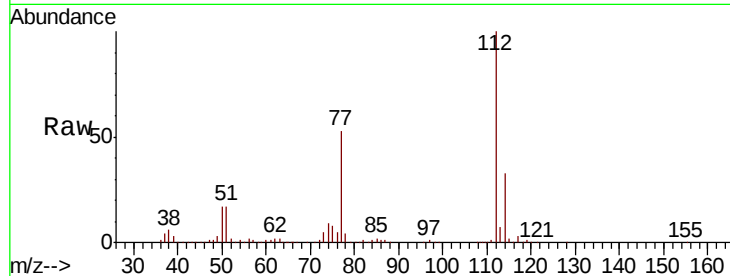
VX0711WBS02

Tot Ion:112 Resp: 128236

Ion Ratio Lower Upper

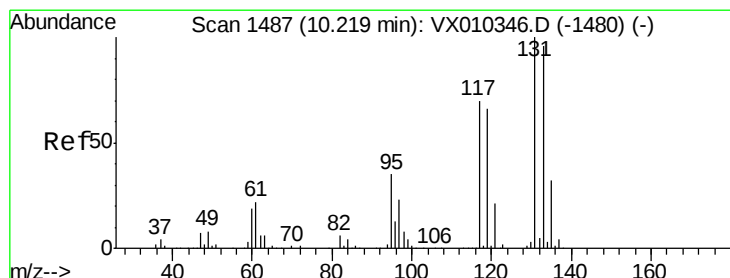
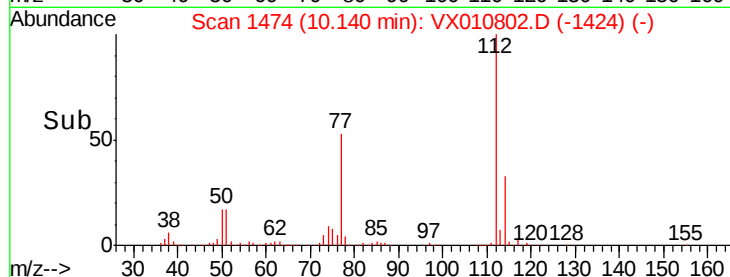
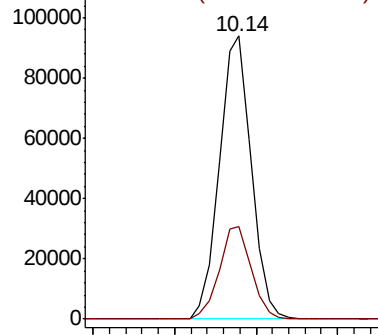
112 100

114 32.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.827 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

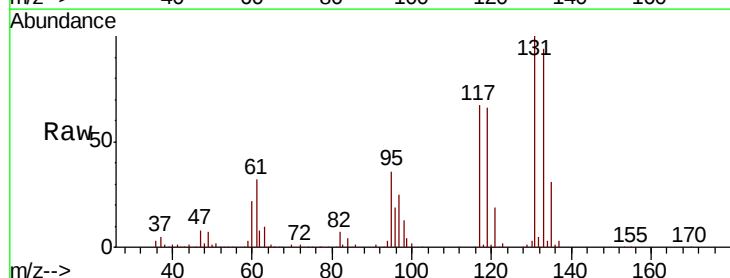
Tgt Ion:131 Resp: 45150

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

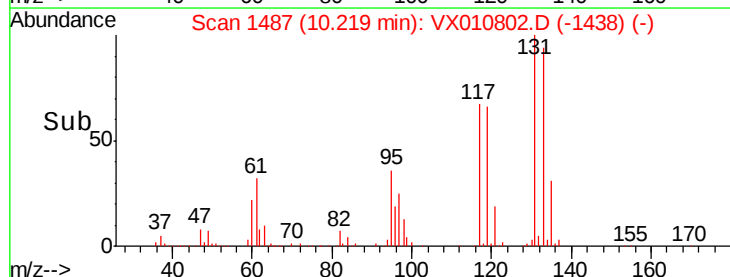
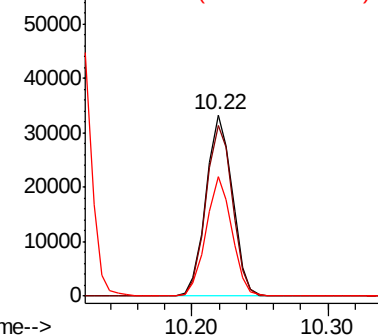
119 64.6 32.6 97.7

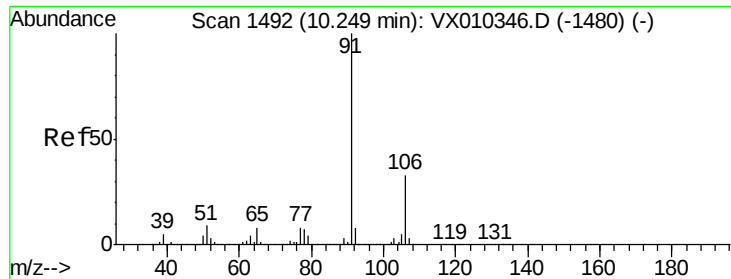


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

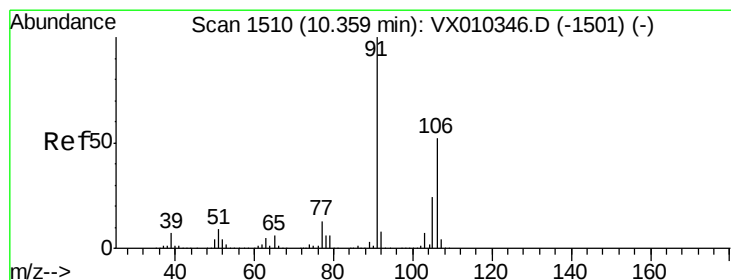
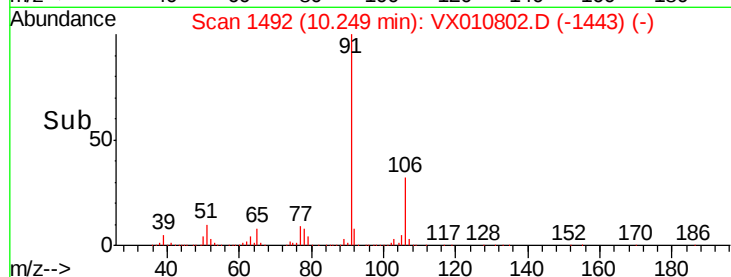
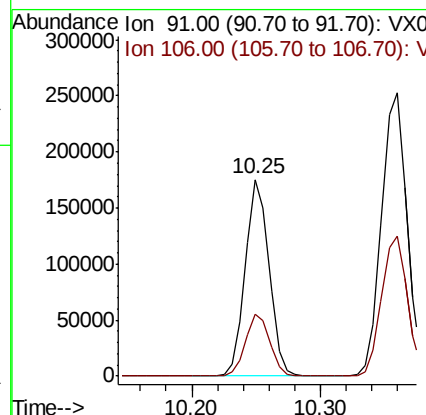
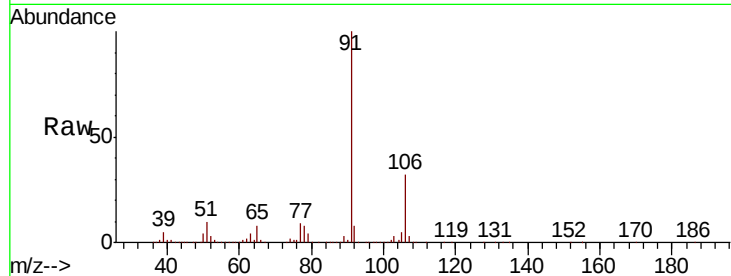




#67
Ethyl Benzene
Concen: 21.247 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

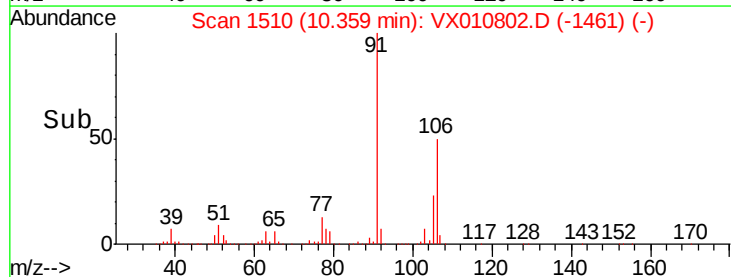
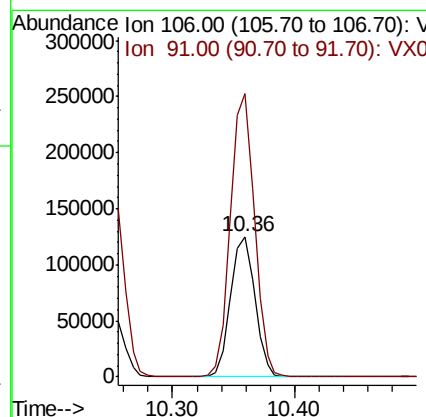
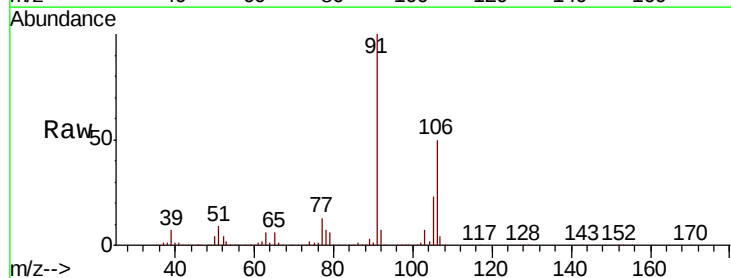
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

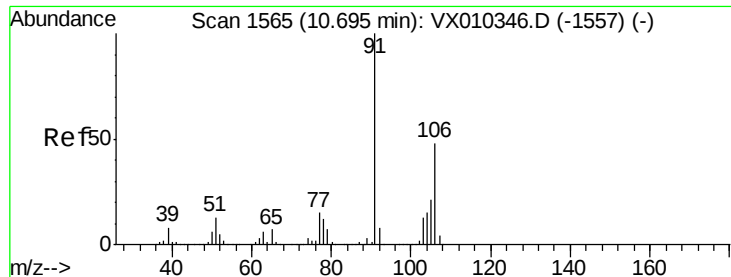
Tot Ion: 91 Resp: 224242
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.2



#68
m/p-Xylenes
Concen: 42.310 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 106 Resp: 173029
Ion Ratio Lower Upper
106 100
91 198.7 155.3 232.9

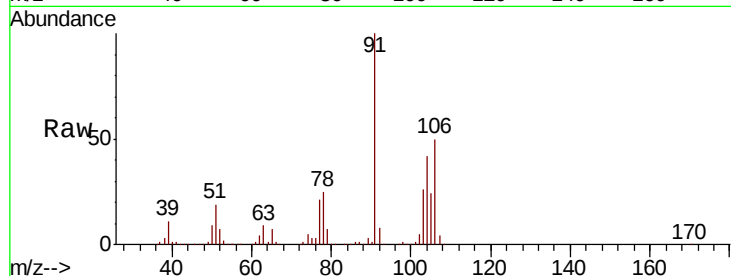




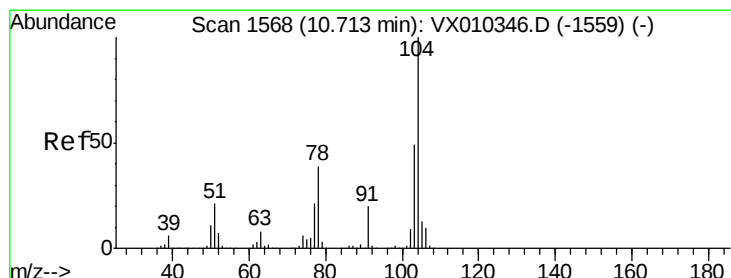
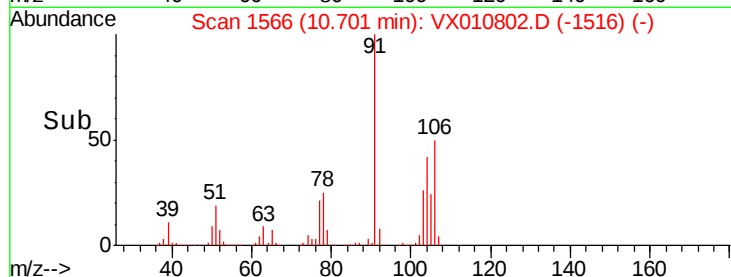
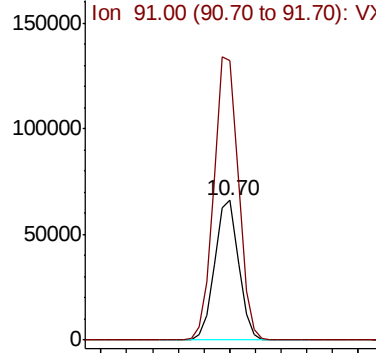
#69
o-Xylene
Concen: 21.074 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Instrument :
MSVOA_X
ClientSampled :
VX0711WBS02

Tot Ion:106 Resp: 84751
Ion Ratio Lower Upper
106 100
91 208.5 102.7 308.1

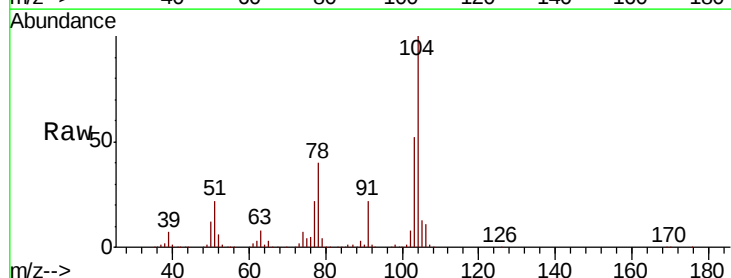


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

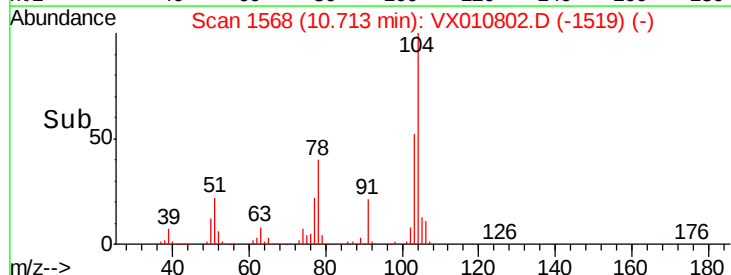
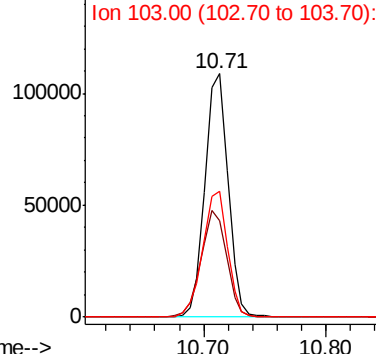


#70
Styrene
Concen: 21.089 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion:104 Resp: 142237
Ion Ratio Lower Upper
104 100
78 48.4 36.2 54.2
103 55.9 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: 16.217 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

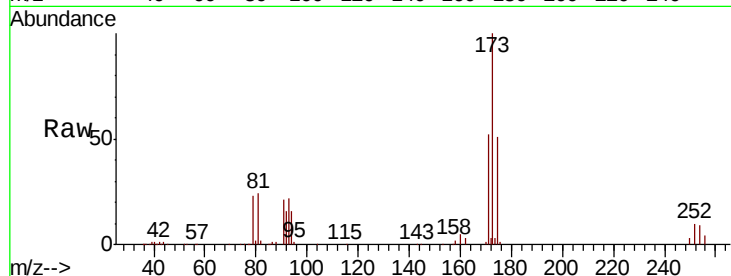
Tot Ion:173 Resp: 32114

Ion Ratio Lower Upper

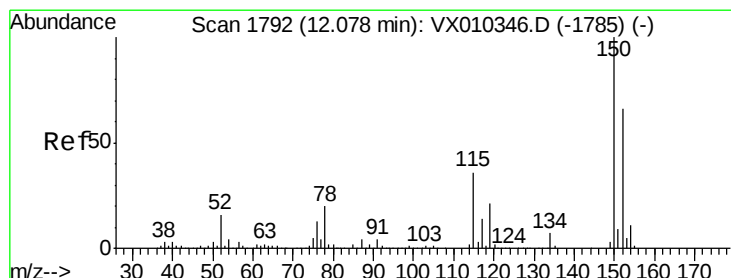
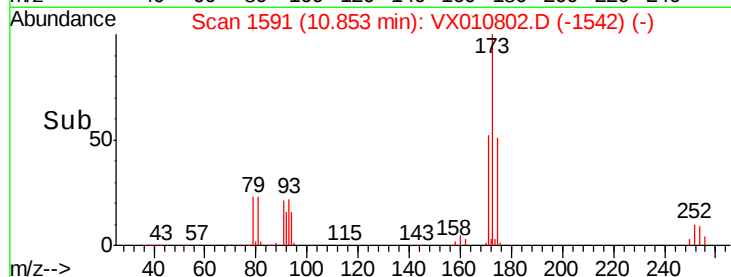
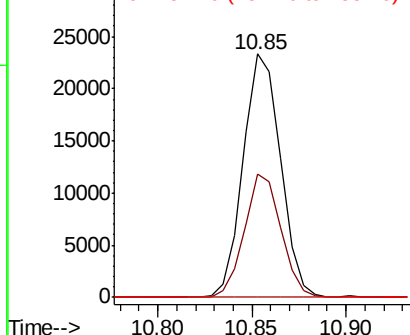
173 100

175 49.6 24.1 72.3

254 0.0 0.2 0.2#



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: VX010802.D

Acq: 11 Jul 2019 13:16

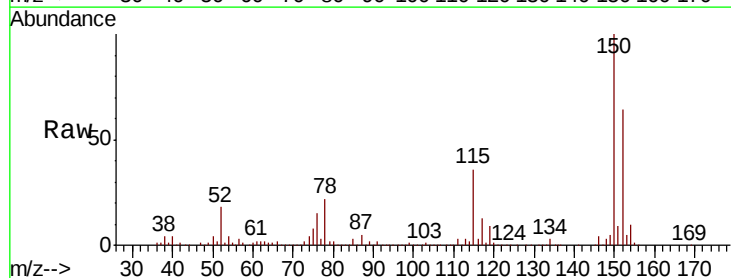
Tgt Ion:152 Resp: 165963

Ion Ratio Lower Upper

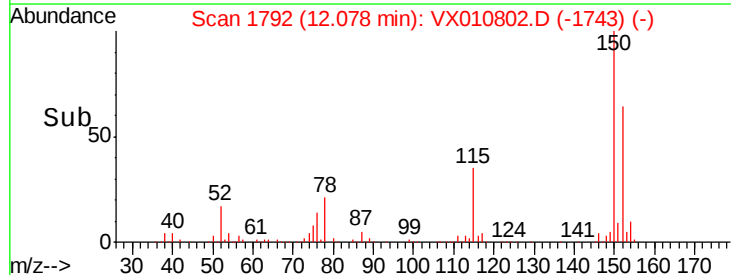
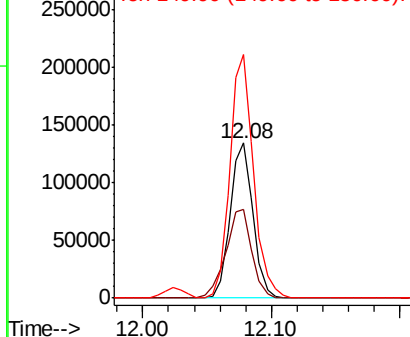
152 100

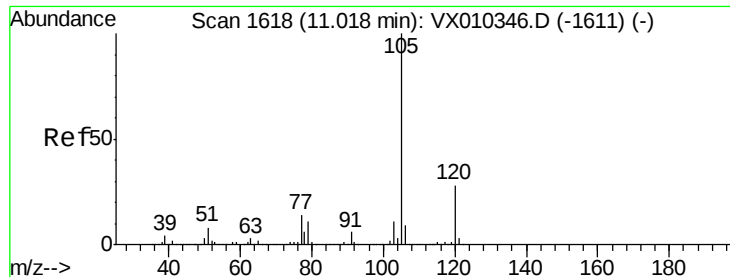
115 65.4 38.6 115.7

150 162.6 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.197 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

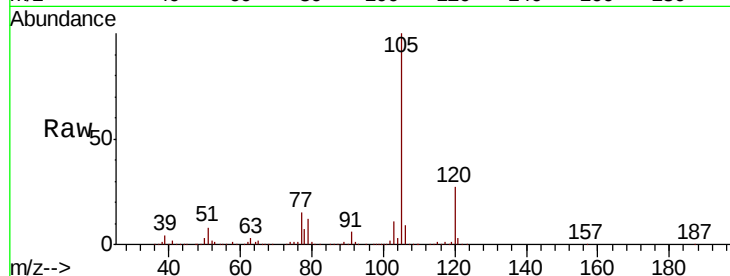
VX0711WBS02

Tot Ion:105 Resp: 227226

Ion Ratio Lower Upper

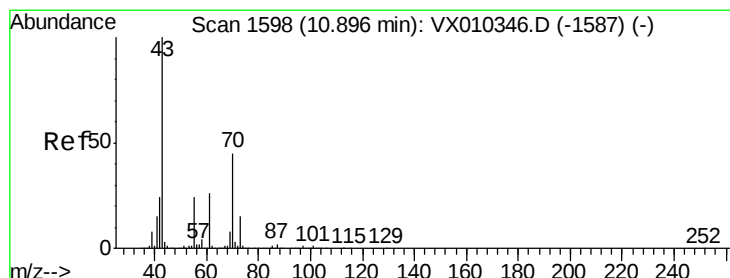
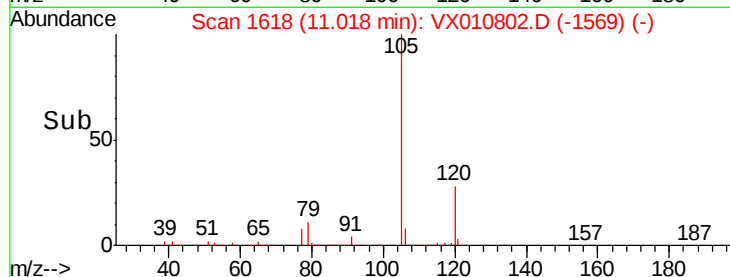
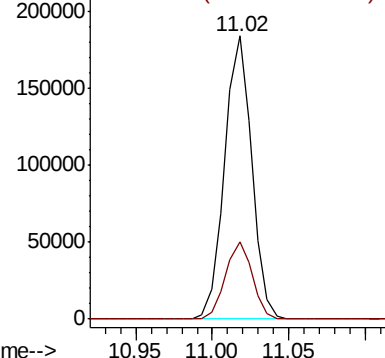
105 100

120 27.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.086 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Tgt Ion: 43 Resp: 89652

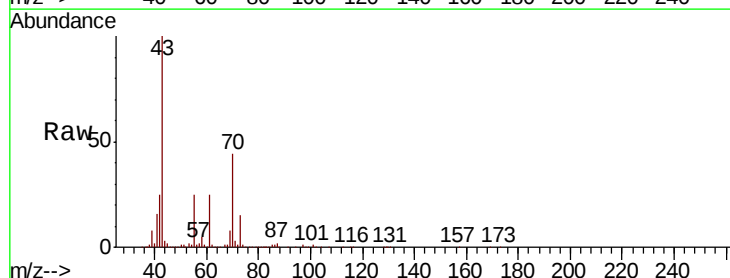
Ion Ratio Lower Upper

43 100

70 43.5 36.6 54.8

55 24.6 18.7 28.1

61 25.5 20.6 31.0

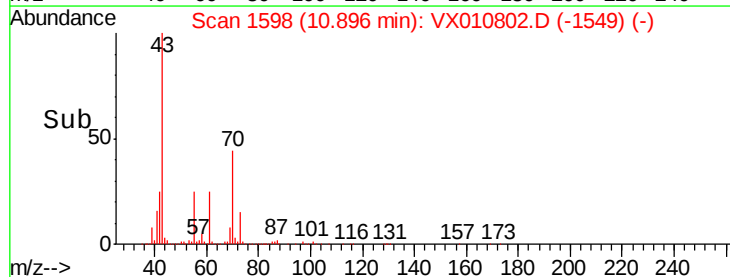
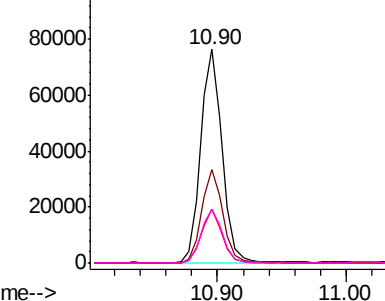


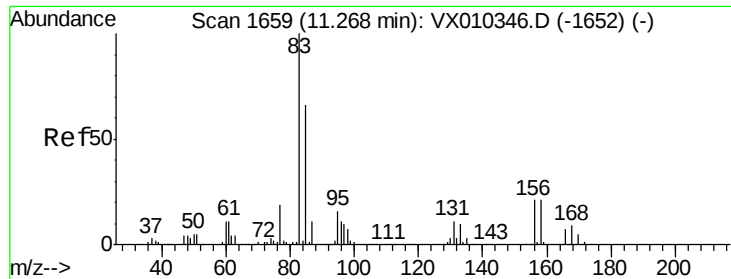
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.011 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

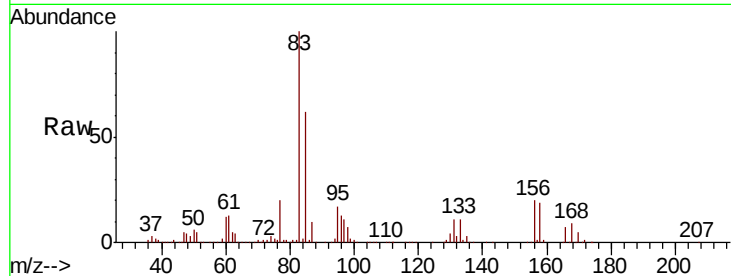
Tot Ion: 83 Resp: 74556

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

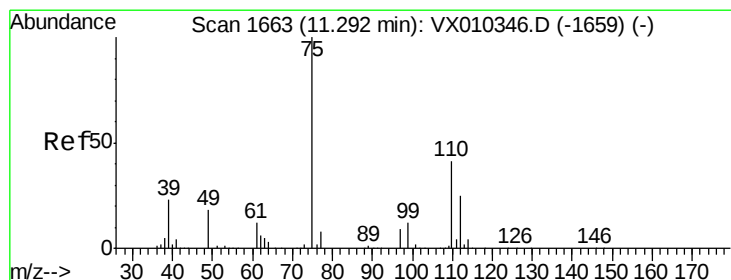
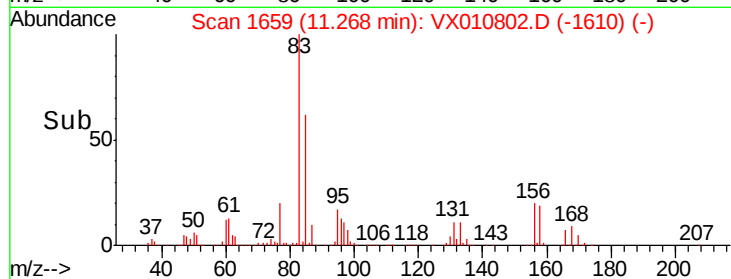
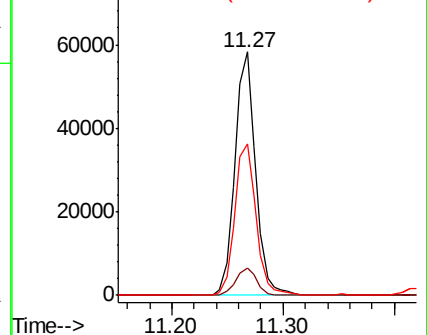
85 64.3 32.3 96.8



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: 26.637 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010802.D

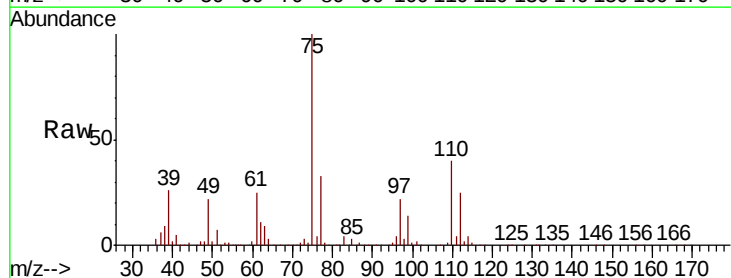
Acq: 11 Jul 2019 13:16

Tgt Ion: 75 Resp: 80557

Ion Ratio Lower Upper

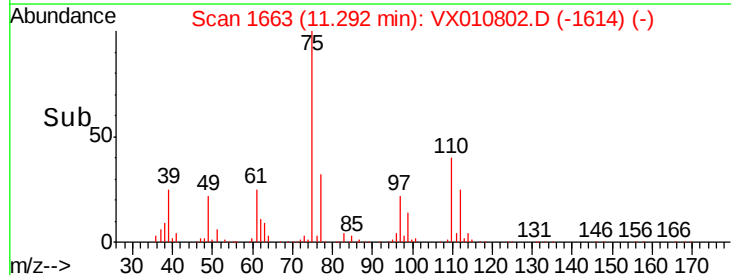
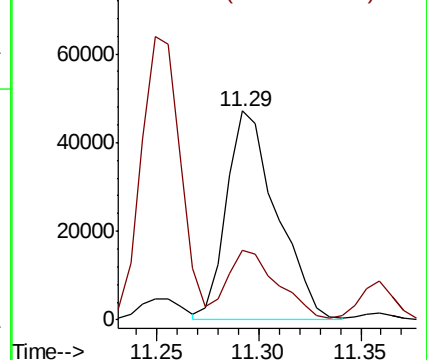
75 100

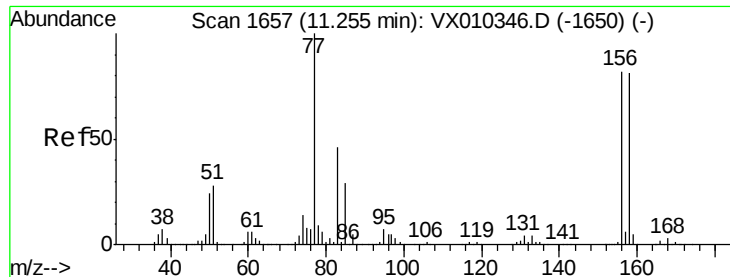
77 33.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.442 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

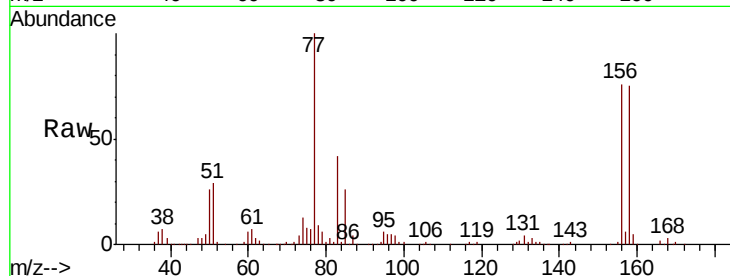
Tot Ion:156 Resp: 61074

Ion Ratio Lower Upper

156 100

77 139.4 66.3 198.7

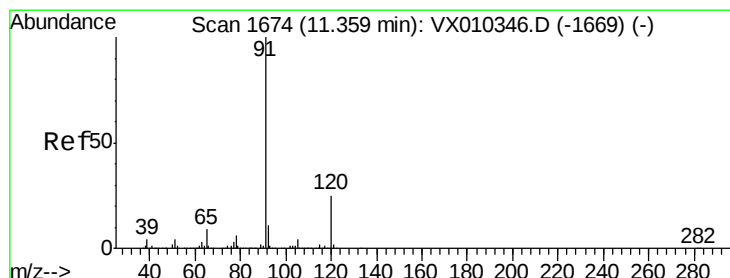
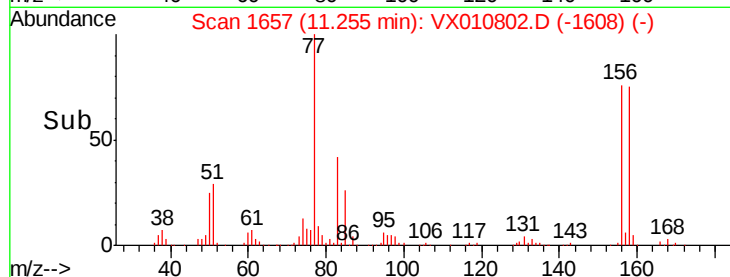
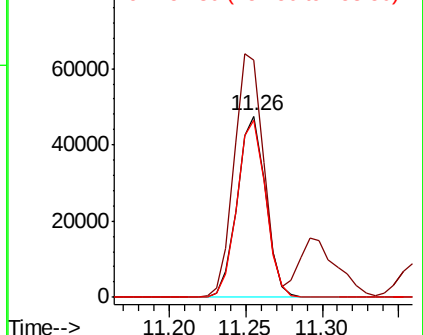
158 98.3 48.9 146.7



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: 20.590 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010802.D

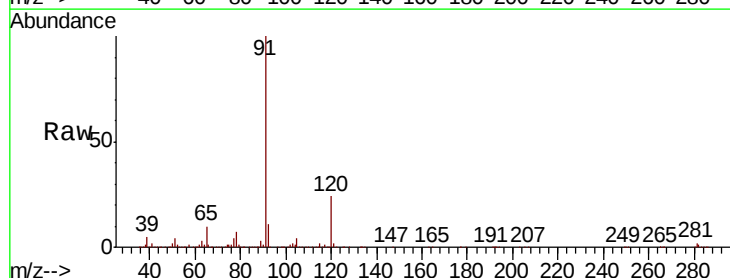
Acq: 11 Jul 2019 13:16

Tgt Ion: 91 Resp: 254587

Ion Ratio Lower Upper

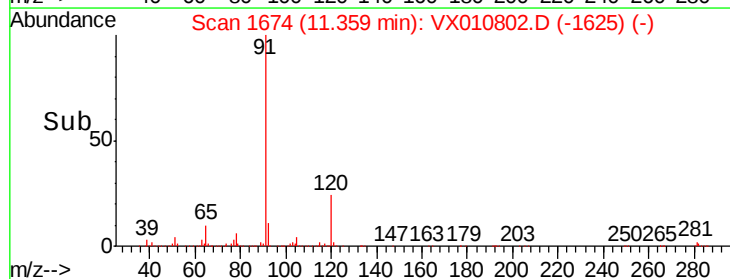
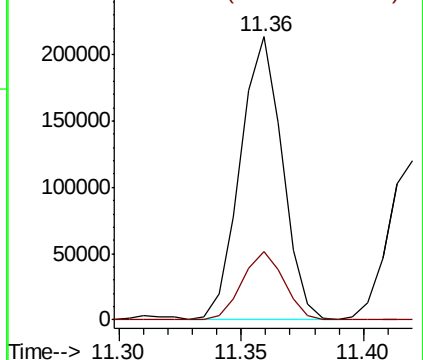
91 100

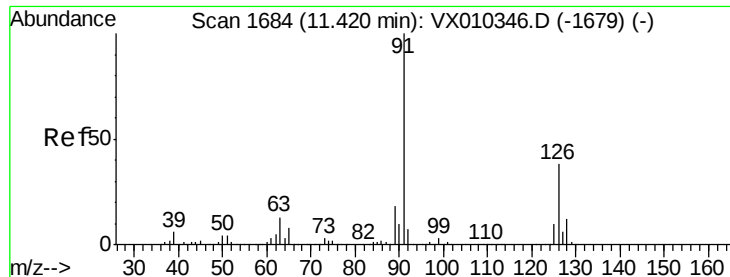
120 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.391 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

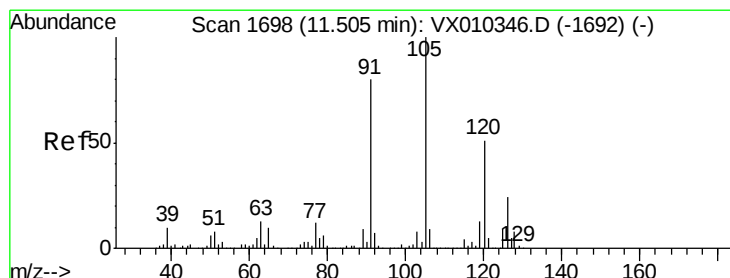
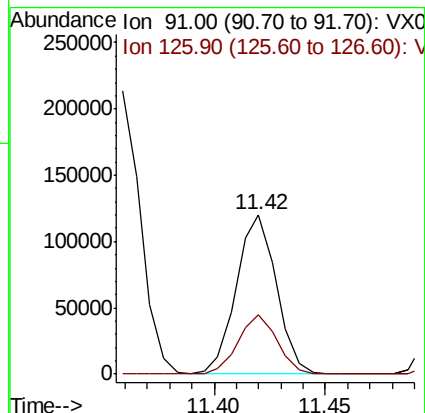
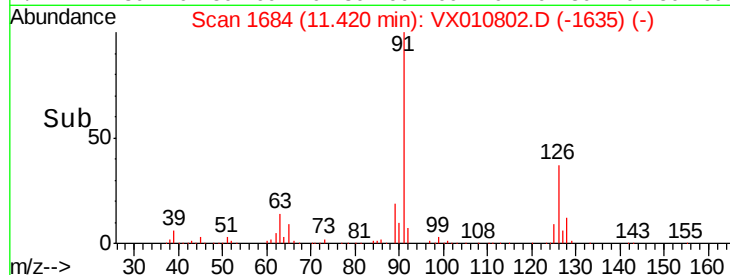
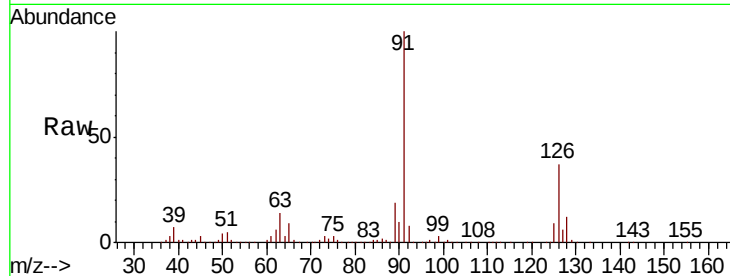
VX0711WBS02

Tot Ion: 91 Resp: 150133

Ion Ratio Lower Upper

91 100

126 36.5 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.655 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010802.D

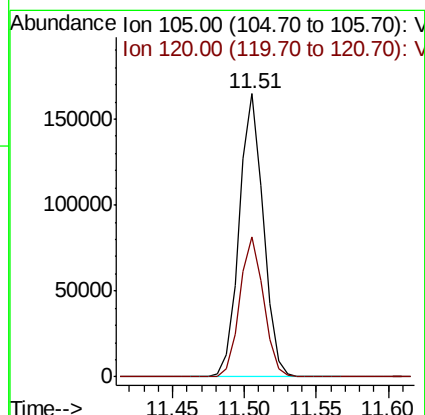
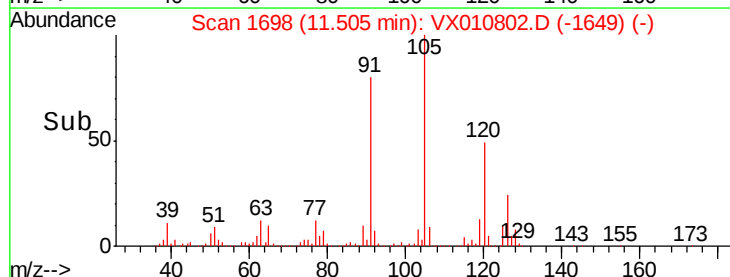
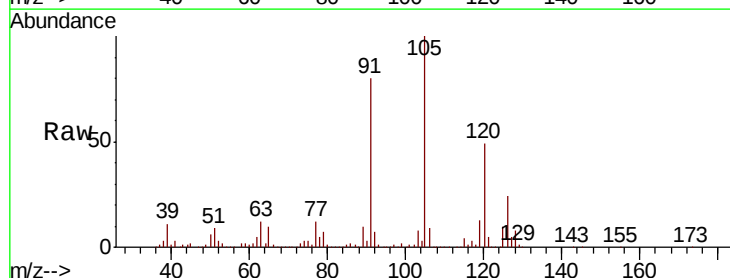
Acq: 11 Jul 2019 13:16

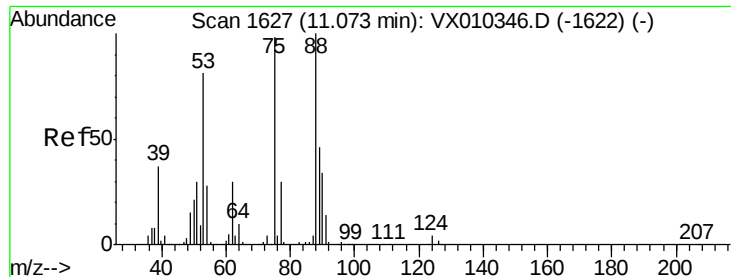
Tgt Ion:105 Resp: 191568

Ion Ratio Lower Upper

105 100

120 49.4 25.2 75.6

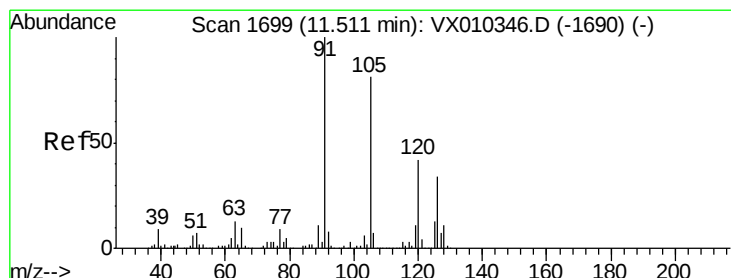
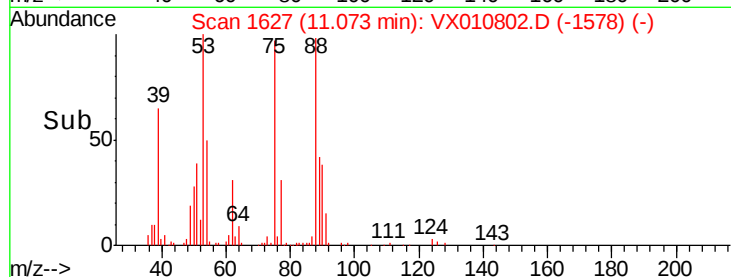
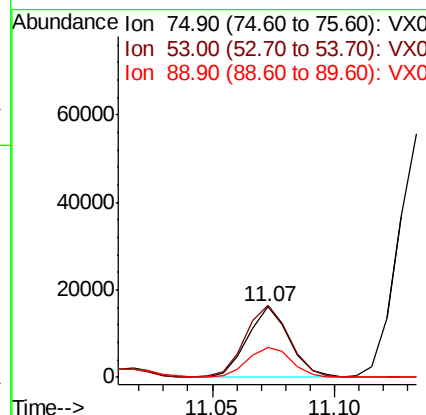
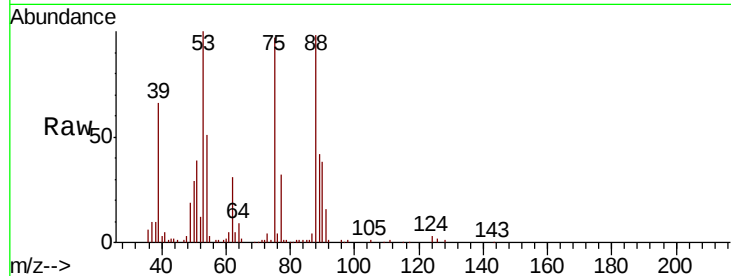




#81
trans-1,4-Dichloro-2-butene
Concen: 14.960 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

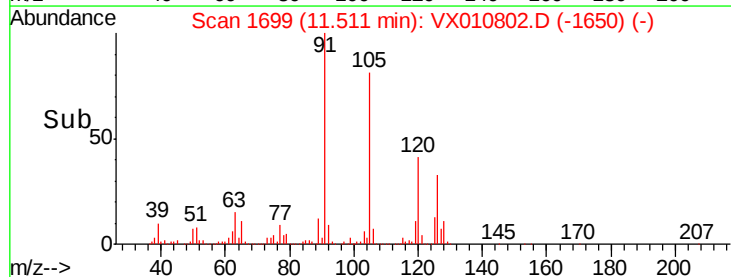
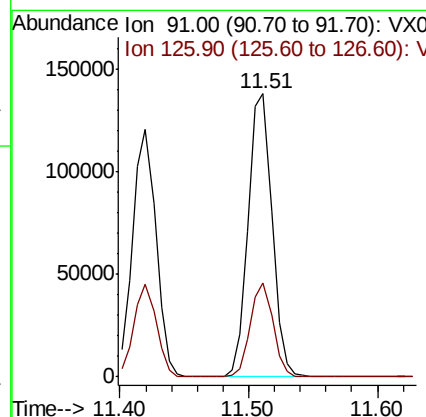
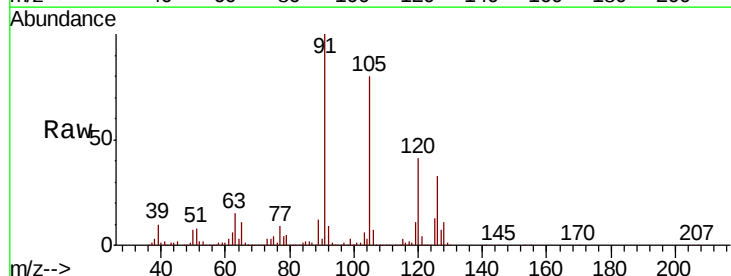
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 75 Resp: 19394
Ion Ratio Lower Upper
75 100
53 105.5 66.1 99.1#
89 45.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 20.929 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 91 Resp: 175342
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6





#83

tert-Butylbenzene

Concen: 20.019 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

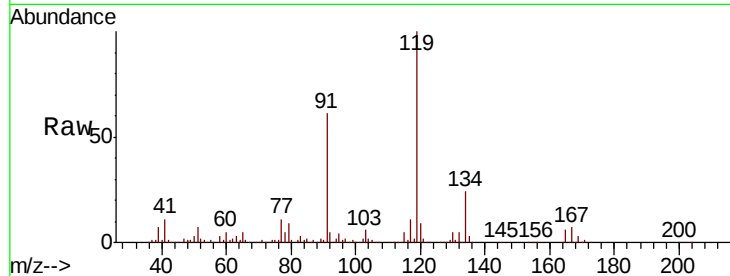
Tot Ion:119 Resp: 186347

Ion Ratio Lower Upper

119 100

91 58.2 27.6 82.7

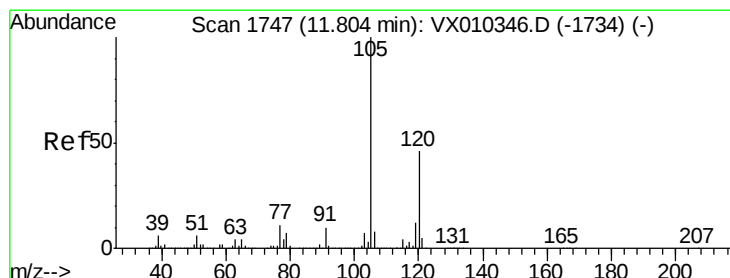
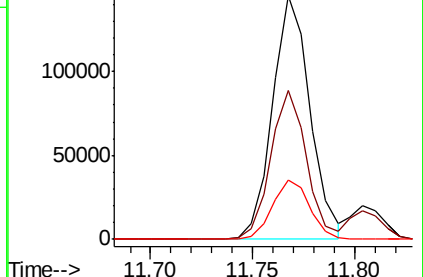
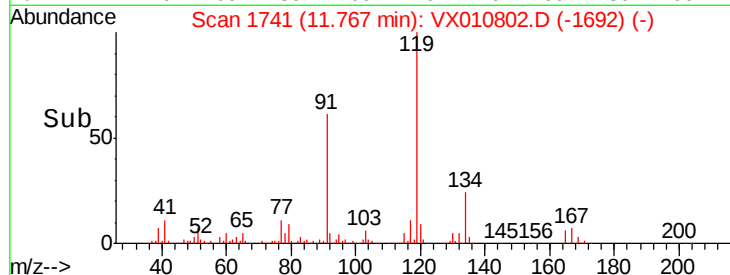
134 24.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.897 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010802.D

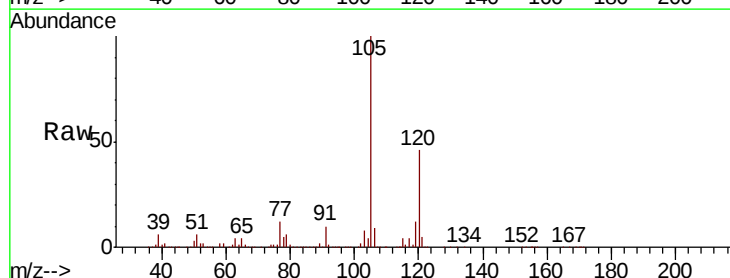
Acq: 11 Jul 2019 13:16

Tgt Ion:105 Resp: 194714

Ion Ratio Lower Upper

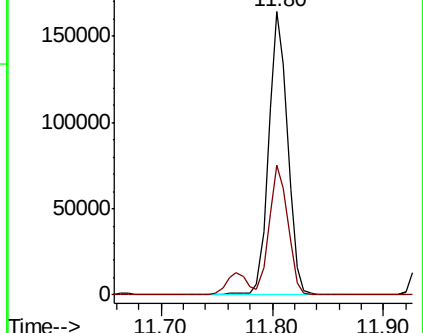
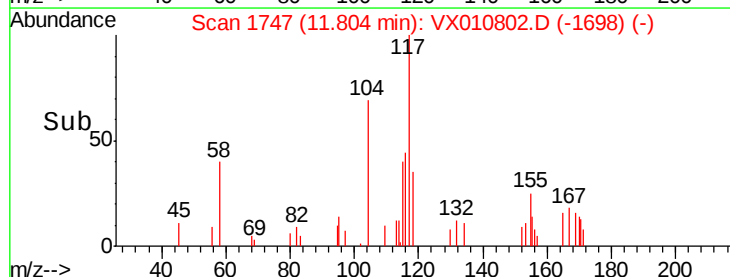
105 100

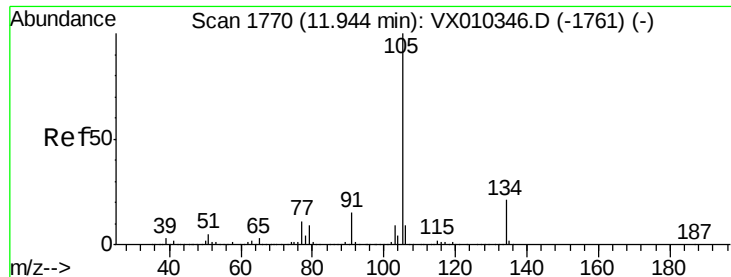
120 45.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.285 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

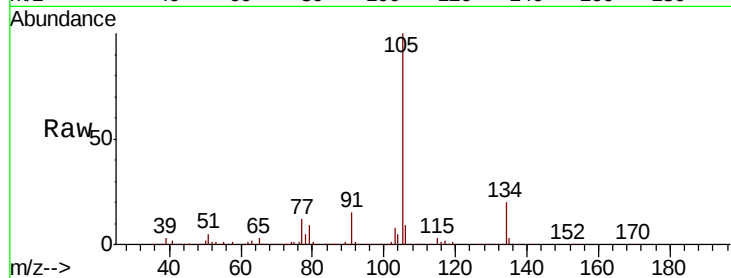
VX0711WBS02

Tot Ion:105 Resp: 221704

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

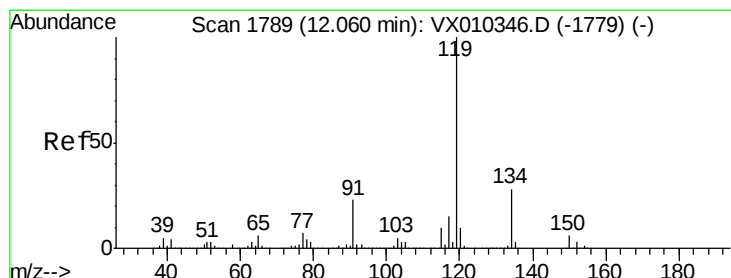
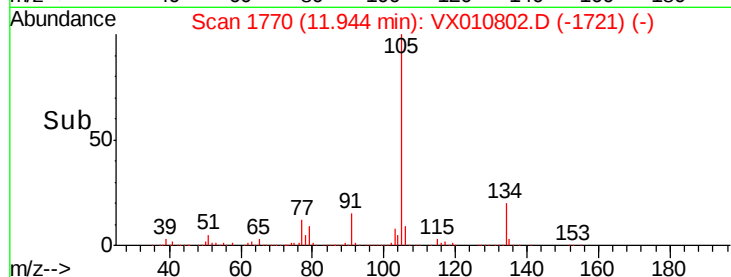
150000

100000

50000

0

Time--> 11.90 11.94 12.00



#86

p-Isopropyltoluene

Concen: 20.704 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

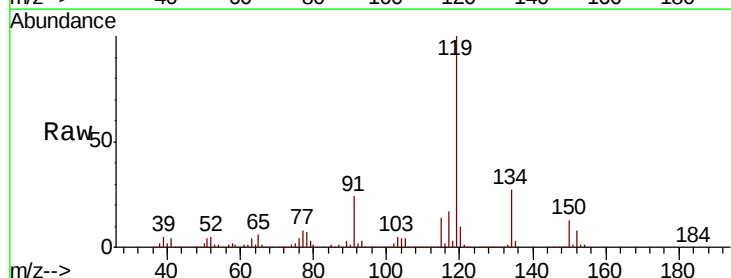
Tgt Ion:119 Resp: 209312

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 23.7 11.3 33.8



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

200000

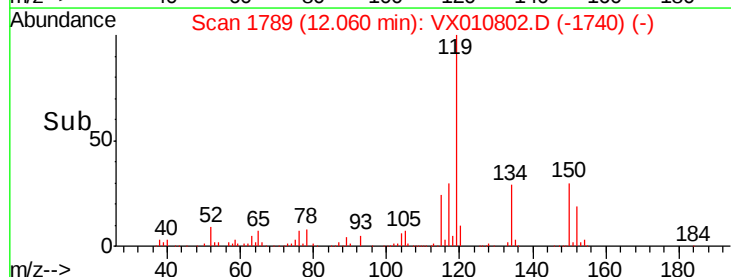
150000

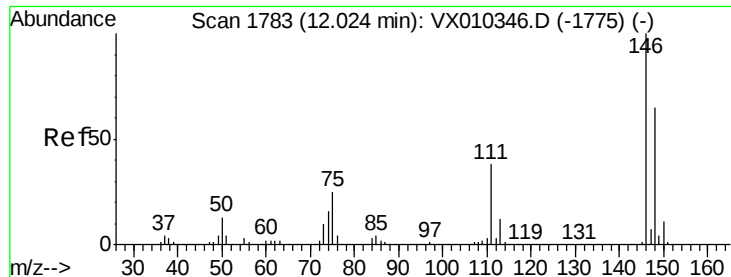
100000

50000

0

Time--> 12.00 12.06 12.10





#87

1,3-Dichlorobenzene

Concen: 20.023 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

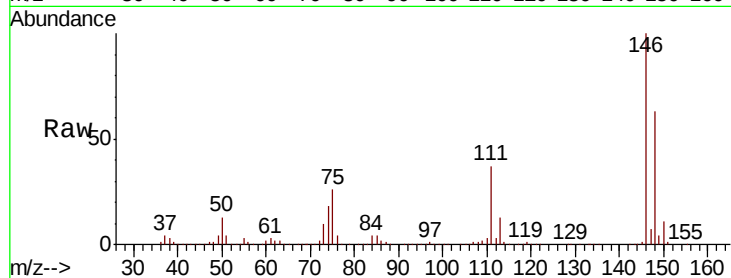
Tot Ion:146 Resp: 109795

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.1

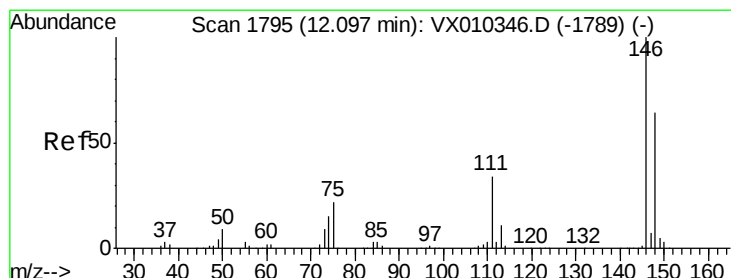
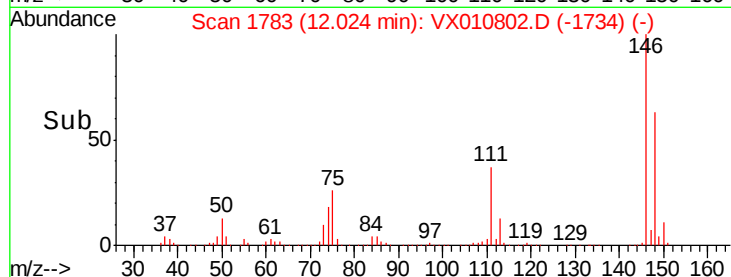
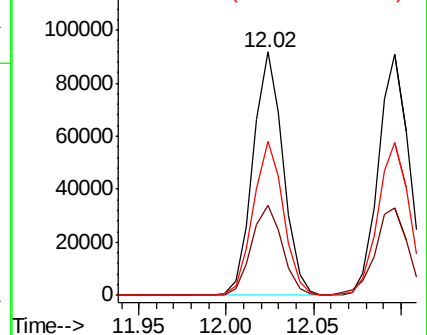
148 63.7 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.713 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010802.D

Acq: 11 Jul 2019 13:16

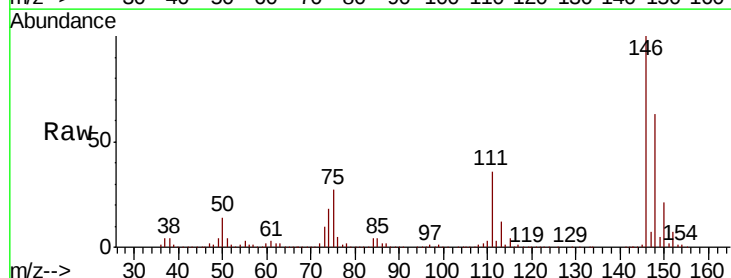
Tgt Ion:146 Resp: 110047

Ion Ratio Lower Upper

146 100

111 39.1 18.1 54.3

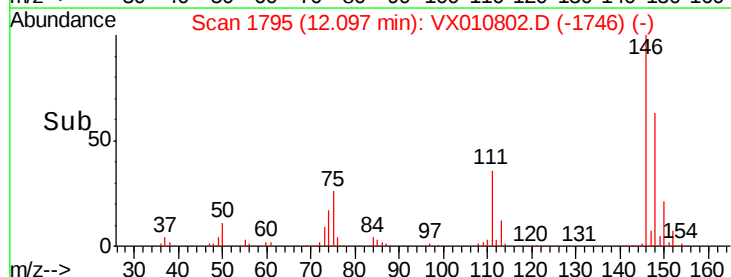
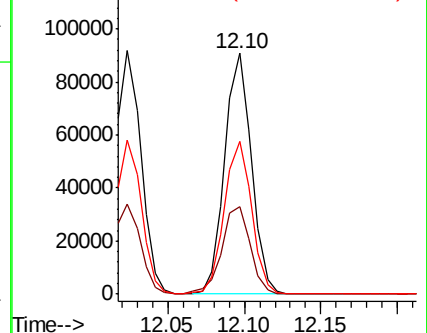
148 65.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

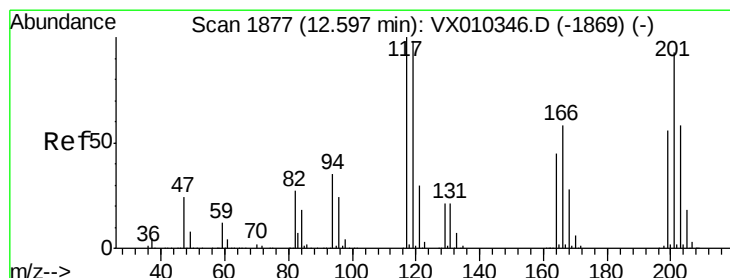
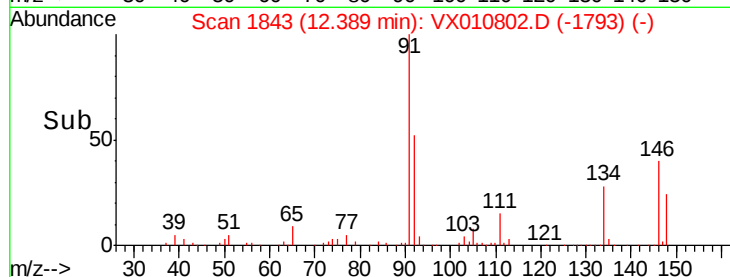
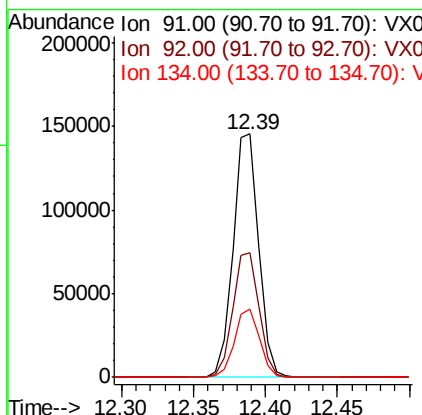
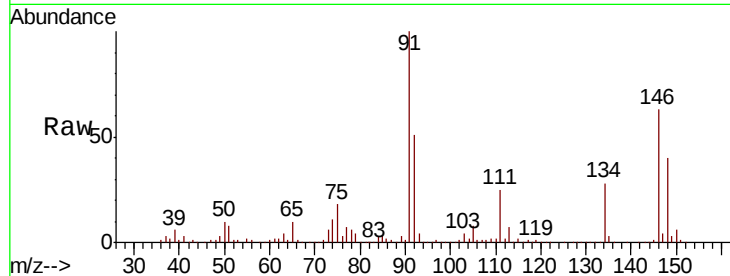




#89
n-Butylbenzene
Concen: 21.139 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

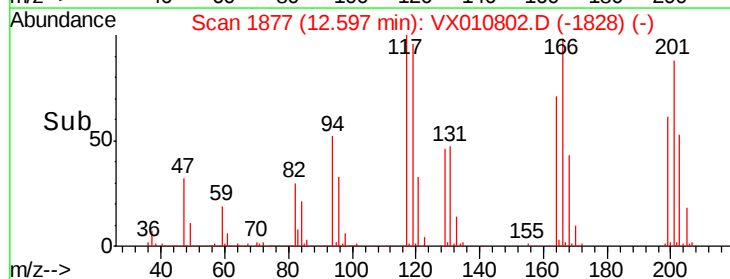
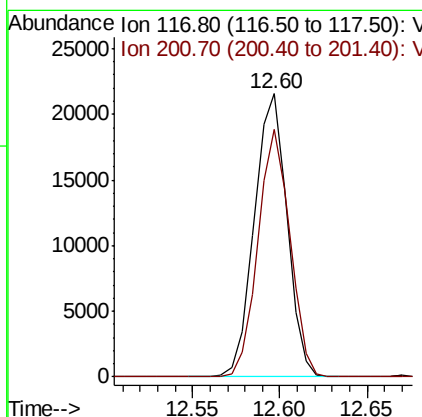
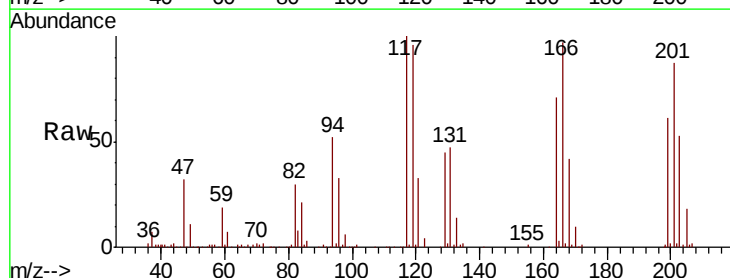
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 91 Resp: 181595
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.8 14.1 42.4



#90
Hexachloroethane
Concen: 16.103 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion: 117 Resp: 28149
Ion Ratio Lower Upper
117 100
201 85.1 44.0 131.8

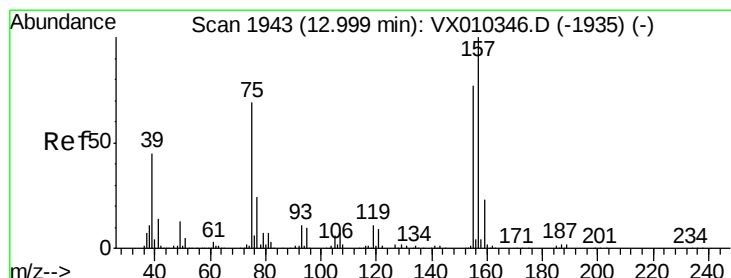
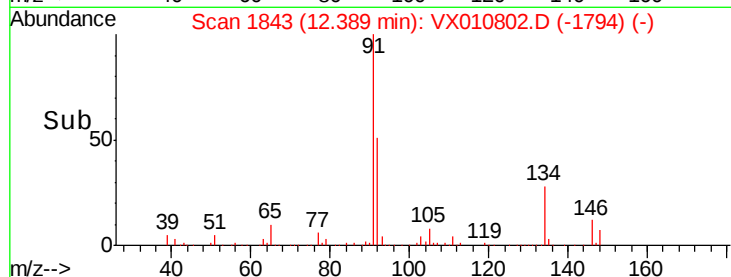
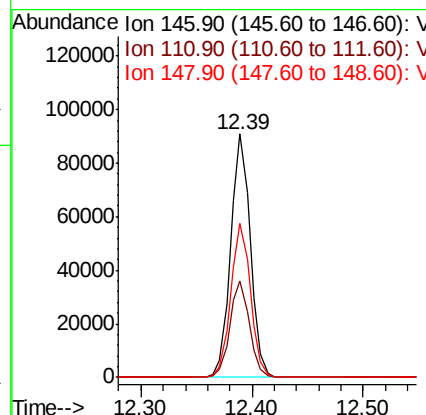
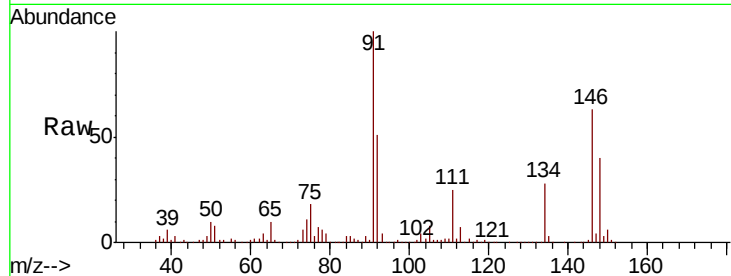




#91
 1,2-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

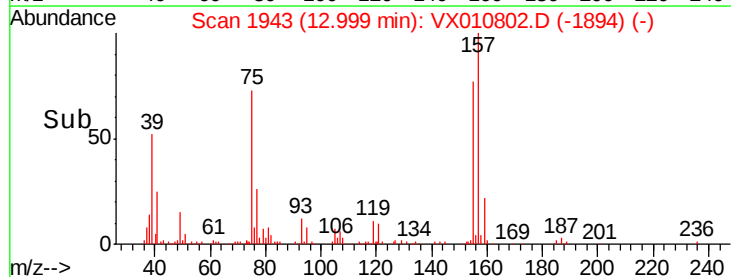
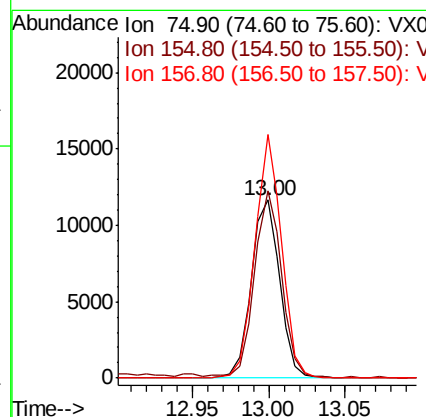
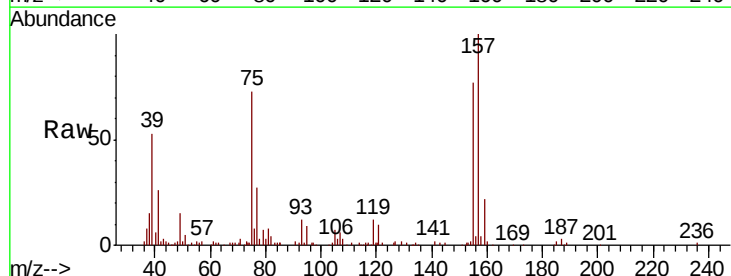
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion:146 Resp: 110545
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 63.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.728 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Tgt Ion: 75 Resp: 15044
 Ion Ratio Lower Upper
 75 100
 155 100.9 54.4 163.1
 157 128.0 69.5 208.3

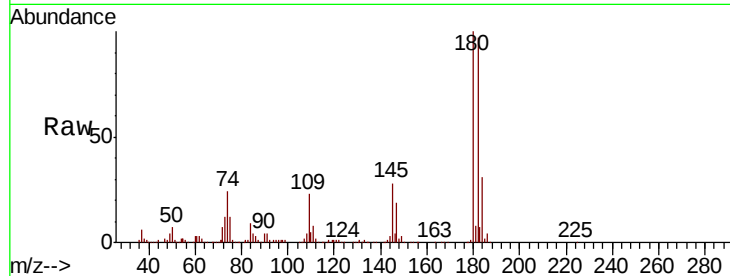




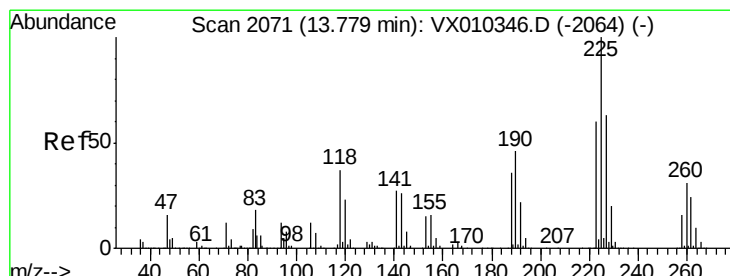
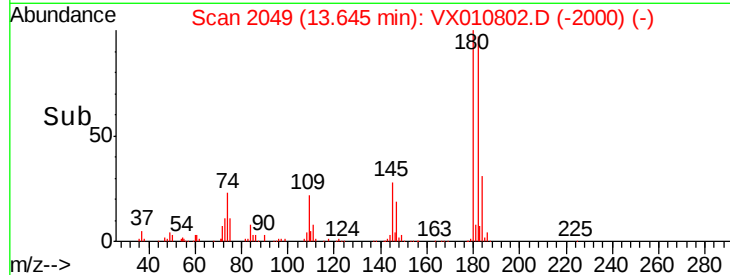
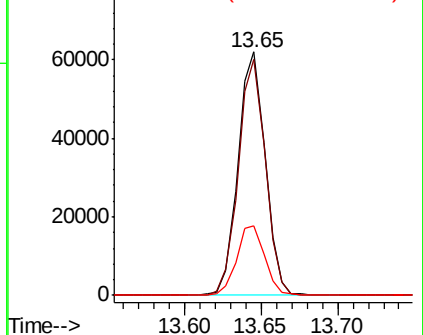
#93
 1,2,4-Trichlorobenzene
 Concen: 20.201 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion:180 Resp: 76347
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.0 144.0
 145 29.5 14.4 43.4

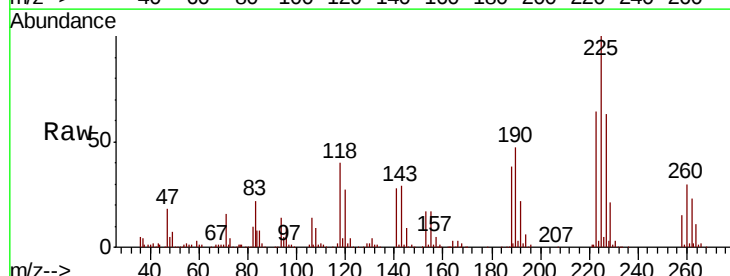


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

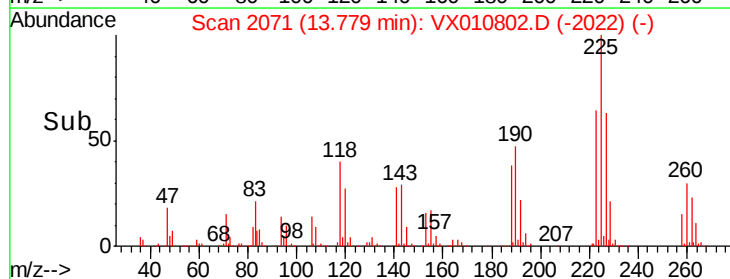
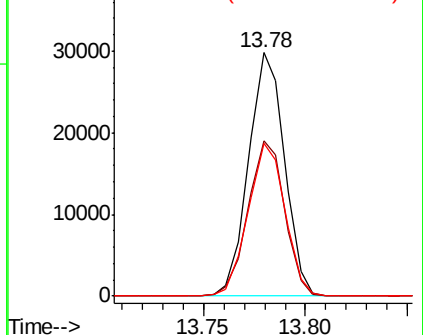


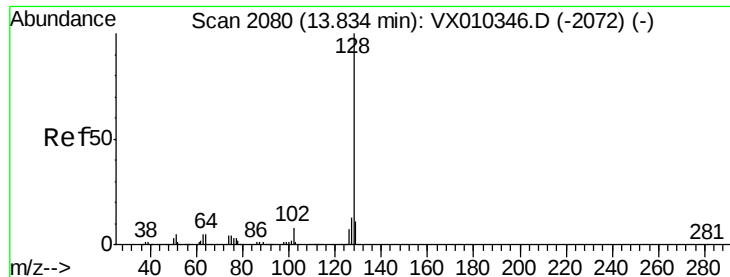
#94
 Hexachlorobutadiene
 Concen: 19.792 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010802.D
 Acq: 11 Jul 2019 13:16

Tgt Ion:225 Resp: 36559
 Ion Ratio Lower Upper
 225 100
 223 65.2 30.9 92.7
 227 64.3 31.9 95.5



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

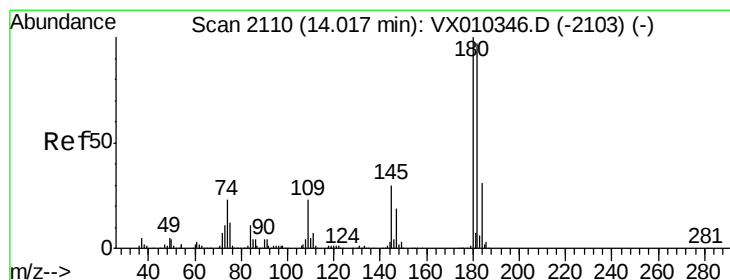
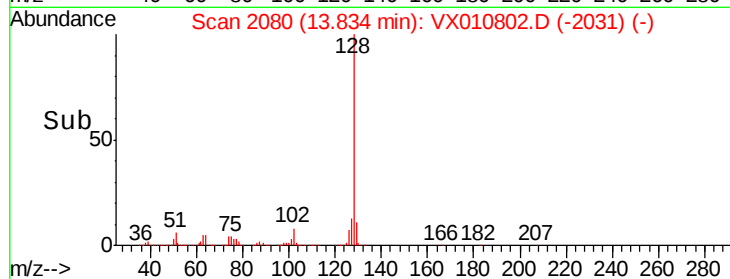
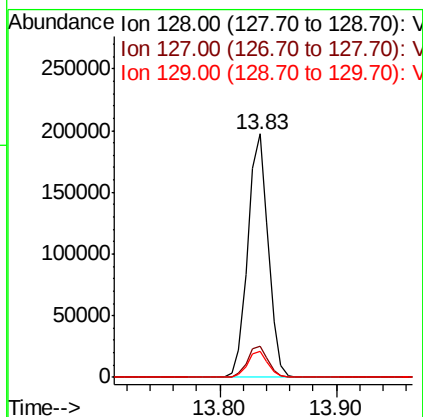
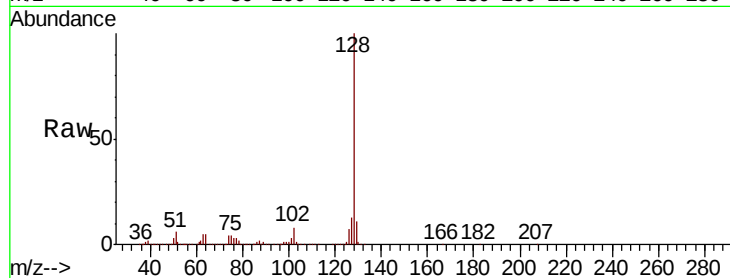




#95
Naphthalene
Concen: 20.852 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion:128 Resp: 242184
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.212 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010802.D
Acq: 11 Jul 2019 13:16

Tgt Ion:180 Resp: 75952
Ion Ratio Lower Upper
180 100
182 97.7 47.8 143.3
145 32.2 15.2 45.6

