

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010827.D
 Acq On : 12 Jul 2019 11:45
 Operator : JC/SP
 Sample : VX0712WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Quant Time: Jul 13 01:36:57 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	5.67	168	209228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100974	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	5.50	113	97763	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	353220	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	127900	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32166	22.113	ug/l	99
3) Chloromethane	1.33	50	34344	20.276	ug/l	100
4) Vinyl Chloride	1.41	62	36254	19.541	ug/l	97
5) Bromomethane	1.64	94	22175	24.534	ug/l	99
6) Chloroethane	1.73	64	23333	21.317	ug/l	98
7) Trichlorofluoromethane	1.93	101	62852	21.371	ug/l	99
8) Diethyl Ether	2.19	74	22329	21.171	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36434	20.443	ug/l	100
10) Methyl Iodide	2.51	142	38892	15.291	ug/l	97
11) Tert butyl alcohol	3.04	59	44663	87.008	ug/l	96
12) 1,1-Dichloroethene	2.37	96	34801	19.189	ug/l	92
13) Acrolein	2.29	56	42644	125.231	ug/l	99
14) Allyl chloride	2.73	41	51926	20.168	ug/l	98
15) Acrylonitrile	3.14	53	105127	103.440	ug/l	100
16) Acetone	2.44	43	104677	106.471	ug/l	96
17) Carbon Disulfide	2.57	76	82273	16.910	ug/l	100
18) Methyl Acetate	2.78	43	41587	21.223	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	116836	20.479	ug/l	100
20) Methylene Chloride	2.86	84	40915	20.222	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37928	19.445	ug/l	98
22) Diisopropyl ether	3.85	45	112766	20.948	ug/l	98
23) Vinyl Acetate	3.82	43	486141	104.536	ug/l	98
24) 1,1-Dichloroethane	3.70	63	63276	20.335	ug/l	99
25) 2-Butanone	4.67	43	148241	102.791	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49338	18.253	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44240	19.628	ug/l	97
28) Bromochloromethane	5.02	49	26375	17.728	ug/l	93
29) Tetrahydrofuran	5.13	42	90550	101.367	ug/l	100
30) Chloroform	5.21	83	68795	20.548	ug/l	100
31) Cyclohexane	5.58	56	57088	20.147	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	57935	19.598	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49427	20.310	ug/l	98
37) Ethyl Acetate	4.84	43	54058	21.592	ug/l	99
38) Carbon Tetrachloride	5.78	117	50835	19.290	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Quant Time: Jul 13 01:36:57 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)
39) Methylcyclohexane	7.46	83	61888	19.347	ug/l	95
40) Benzene	6.14	78	154530	20.382	ug/l	97
41) Methacrylonitrile	5.04	41	29197	21.255	ug/l	97
42) 1,2-Dichloroethane	6.20	62	50623	21.934	ug/l	99
43) Isopropyl Acetate	6.44	43	84618	20.429	ug/l	98
44) Trichloroethene	7.21	130	44943	19.810	ug/l	97
45) 1,2-Dichloropropane	7.51	63	38686	20.205	ug/l	99
46) Dibromomethane	7.66	93	28001	20.384	ug/l	95
47) Bromodichloromethane	7.90	83	48242	19.163	ug/l	98
48) Methyl methacrylate	7.77	41	39923	20.736	ug/l	97
49) 1,4-Dioxane	7.74	88	23308	420.237	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	284255	107.300	ug/l	98
52) Toluene	8.78	92	99944	20.017	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50964	18.057	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	58197	18.974	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42235	20.511	ug/l	97
56) Ethyl methacrylate	9.18	69	61557	19.734	ug/l	96
57) 1,3-Dichloropropane	9.37	76	66599	20.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	134863	91.032	ug/l	99
59) 2-Hexanone	9.49	43	221440	106.207	ug/l	97
60) Dibromochloromethane	9.58	129	41368	17.942	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44671	20.098	ug/l	99
64) Tetrachloroethene	9.34	164	43412	19.197	ug/l	93
65) Chlorobenzene	10.13	112	112233	19.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39464	19.088	ug/l	99
67) Ethyl Benzene	10.25	91	191619	19.997	ug/l	100
68) m/p-Xylenes	10.36	106	147613	39.756	ug/l	98
69) o-Xylene	10.69	106	72336	19.811	ug/l	98
70) Styrene	10.71	104	122612	20.023	ug/l	99
71) Bromoform	10.85	173	30013	16.693	ug/l #	99
73) Isopropylbenzene	11.02	105	197000	20.294	ug/l	98
74) N-amyl acetate	10.90	43	75341	20.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	64796	20.156	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67160	25.737	ug/l	81
77) Bromobenzene	11.26	156	52364	19.319	ug/l	99
78) n-propylbenzene	11.36	91	214260	20.083	ug/l	99
79) 2-Chlorotoluene	11.42	91	126047	19.841	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	161610	20.195	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15790	14.116	ug/l #	81
82) 4-Chlorotoluene	11.51	91	146450	20.259	ug/l	99
83) tert-Butylbenzene	11.77	119	157965	19.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	161429	20.078	ug/l	100
85) sec-Butylbenzene	11.94	105	188830	20.023	ug/l	99
86) p-Isopropyltoluene	12.06	119	173591	19.900	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92644	19.581	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	92109	19.122	ug/l	98
89) n-Butylbenzene	12.38	91	146965	19.827	ug/l	99
90) Hexachloroethane	12.60	117	24916	16.519	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	93279	19.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12741	18.382	ug/l	90

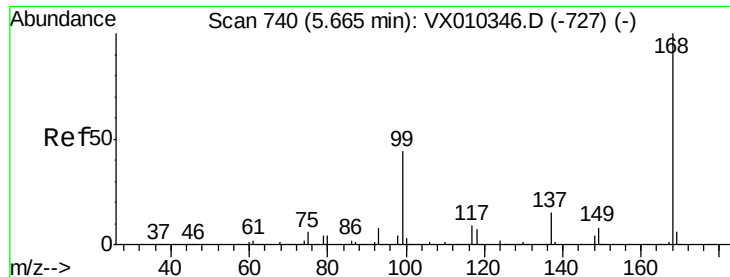
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010827.D
Acq On : 12 Jul 2019 11:45
Operator : JC/SP
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Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Quant Time: Jul 13 01:36:57 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	63129	19.359	ug/l	99
94) Hexachlorobutadiene	13.78	225	29677	18.620	ug/l	98
95) Naphthalene	13.83	128	193256	19.284	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62909	19.402	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

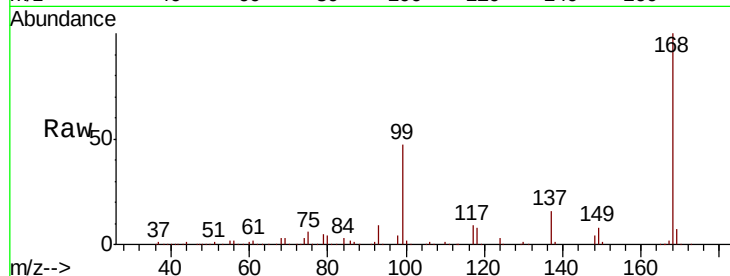
VX0712WBS02

Tot Ion:168 Resp: 209228

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

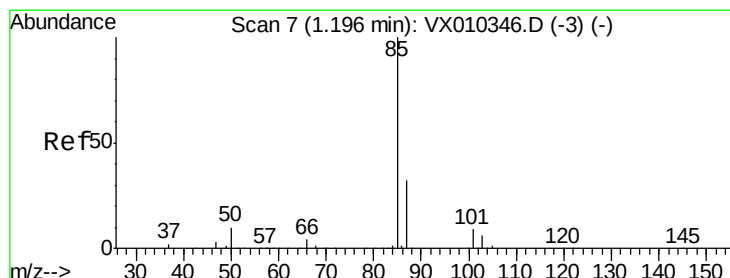
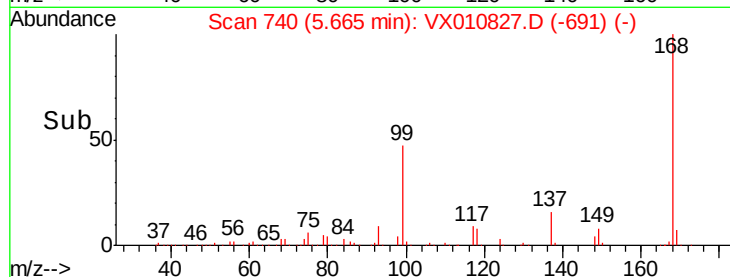
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 22.113 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010827.D

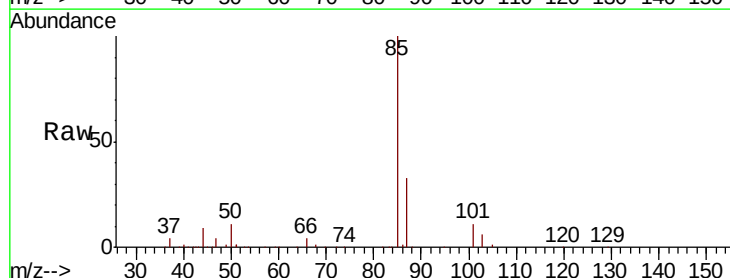
Acq: 12 Jul 2019 11:45

Tgt Ion: 85 Resp: 32166

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

20000

10000

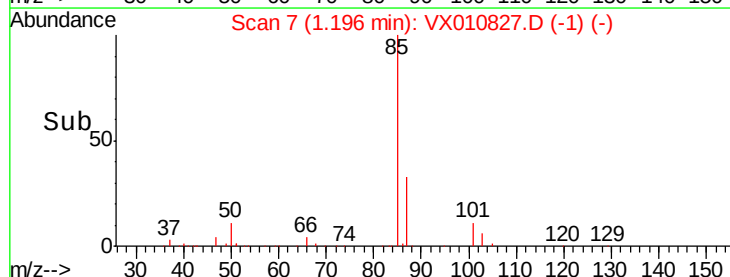
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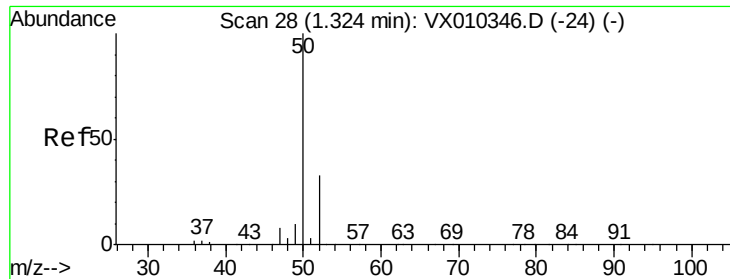
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 20.276 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

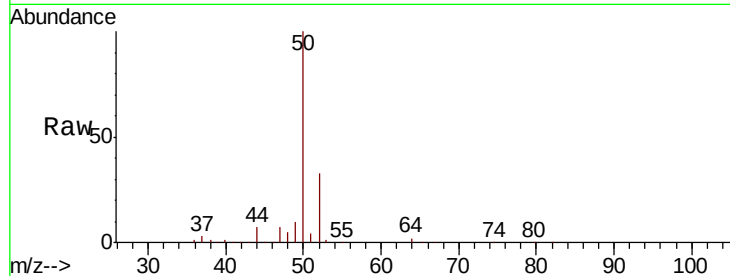
VX0712WBS02

Tot Ion: 50 Resp: 34344

Ion Ratio Lower Upper

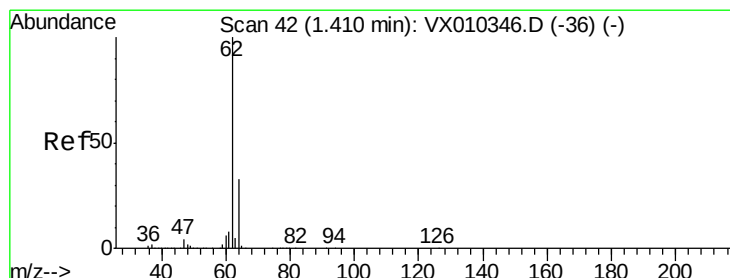
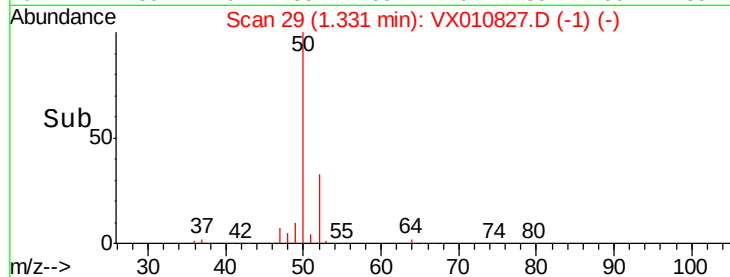
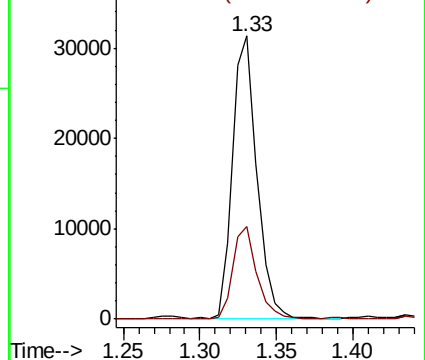
50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.541 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010827.D

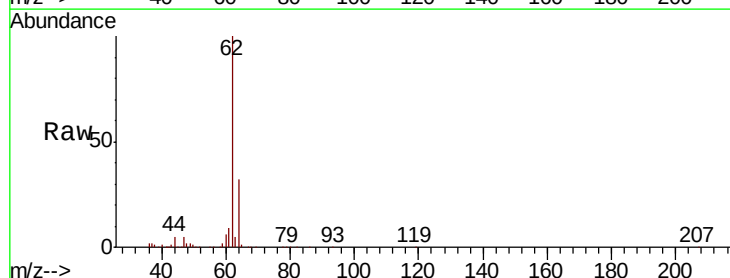
Acq: 12 Jul 2019 11:45

Tgt Ion: 62 Resp: 36254

Ion Ratio Lower Upper

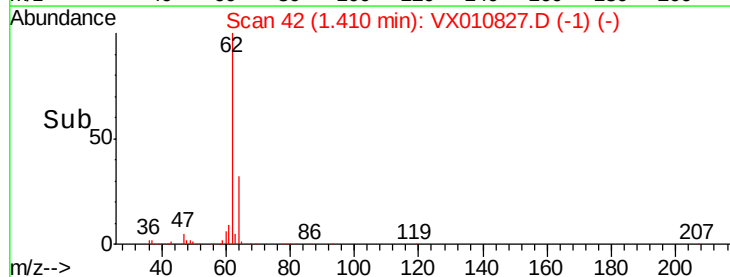
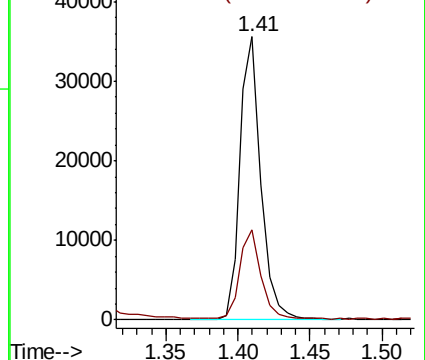
62 100

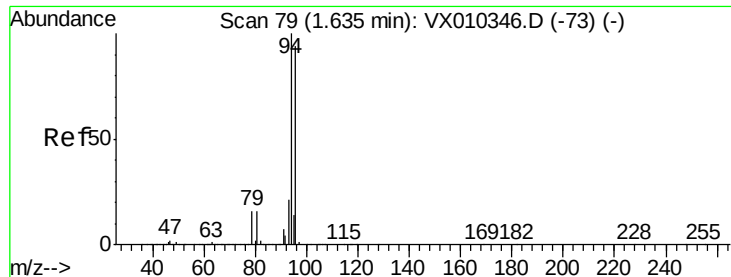
64 31.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.534 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

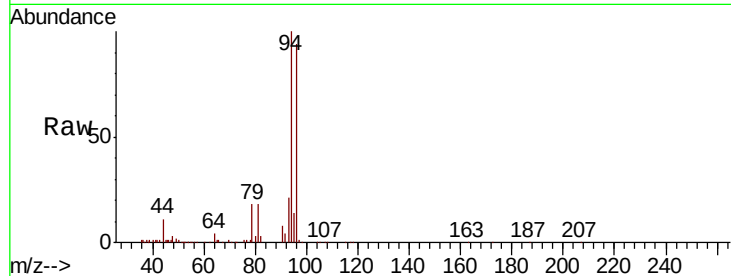
VX0712WBS02

Tot Ion: 94 Resp: 22175

Ion Ratio Lower Upper

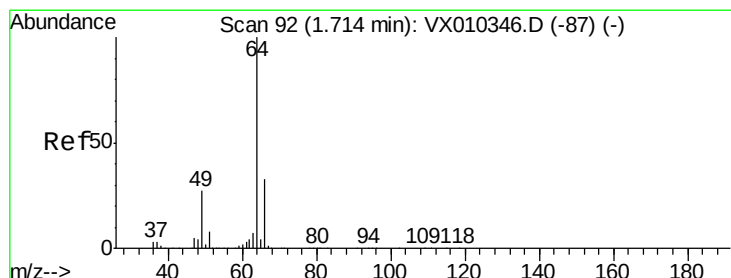
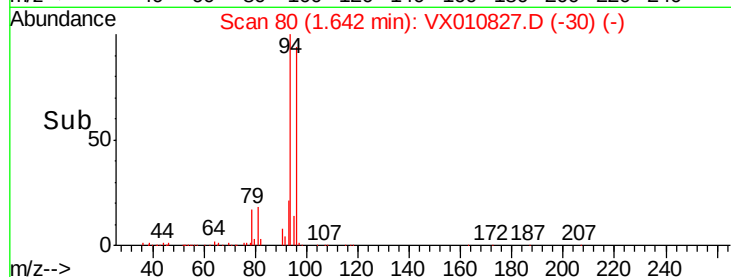
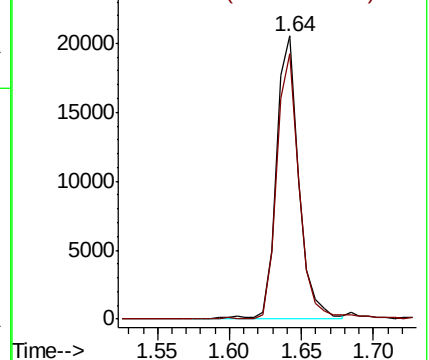
94 100

96 93.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.317 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010827.D

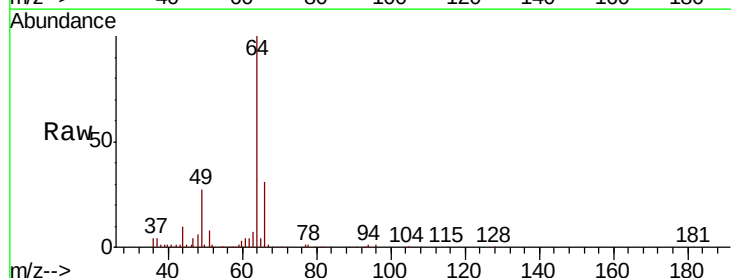
Acq: 12 Jul 2019 11:45

Tgt Ion: 64 Resp: 23333

Ion Ratio Lower Upper

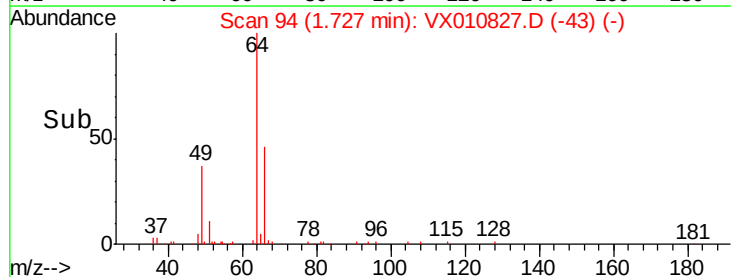
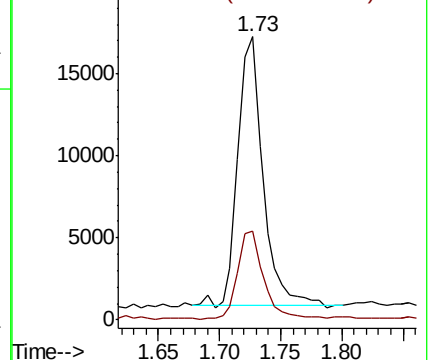
64 100

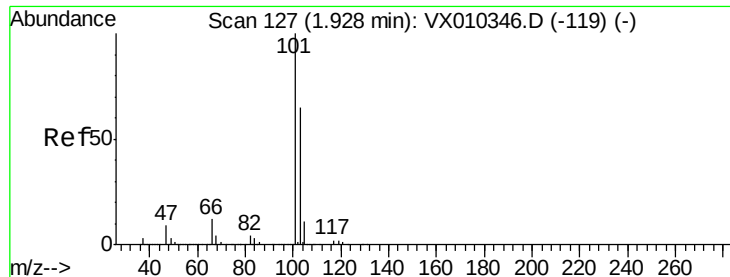
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



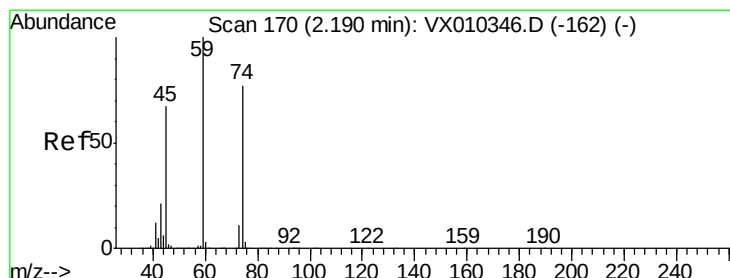
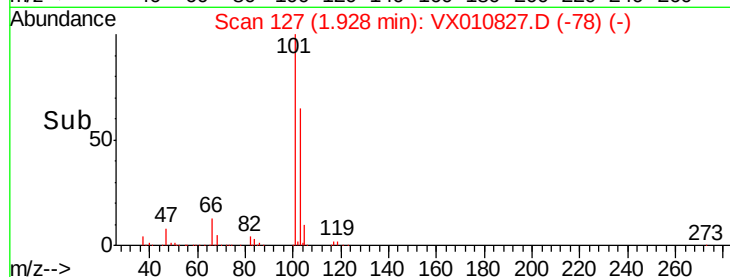
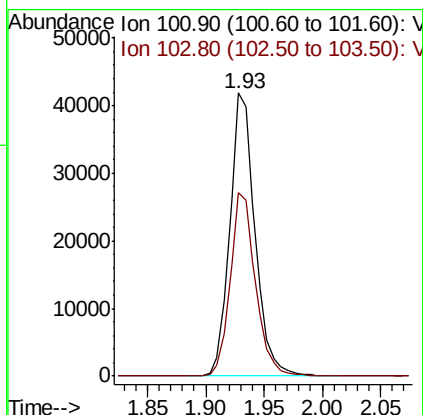
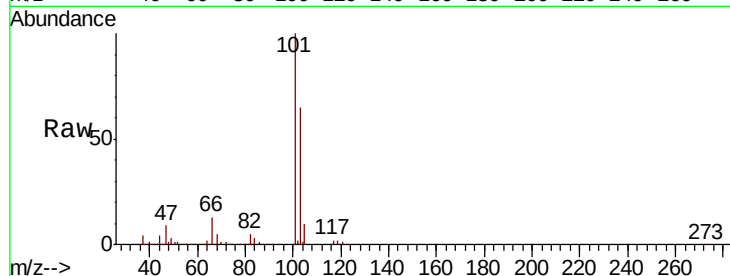


#7

Trichlorofluoromethane
 Concen: 21.371 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

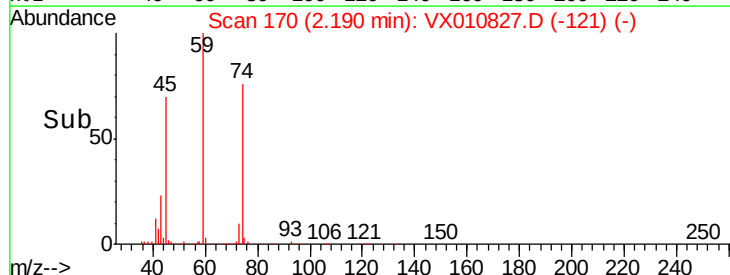
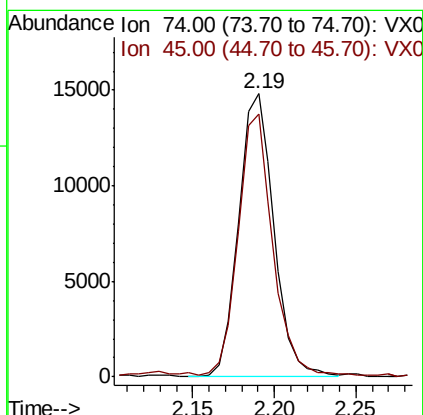
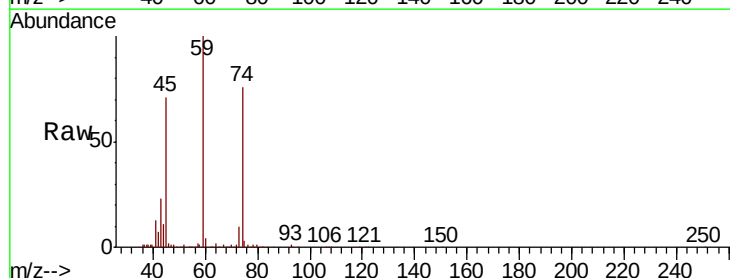
Tot Ion:101 Resp: 62852
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

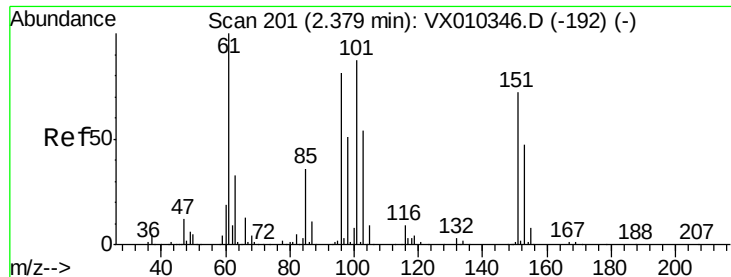


#8

Diethyl Ether
 Concen: 21.171 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion: 74 Resp: 22329
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.443 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

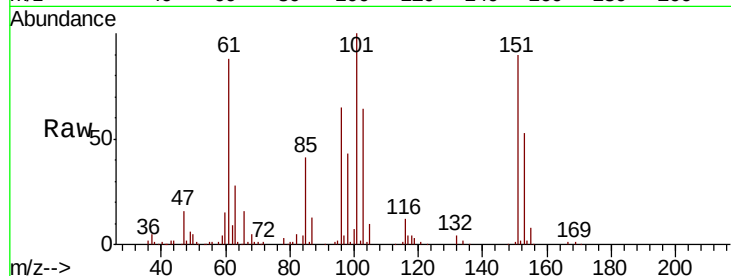
Tot Ion:101 Resp: 36434

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

151 87.2 70.1 105.1

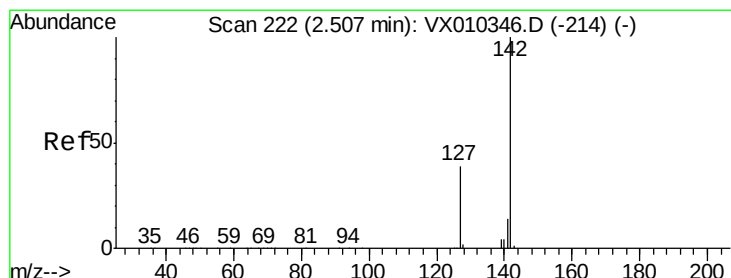
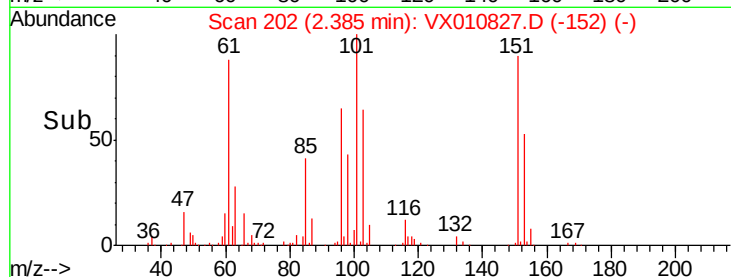
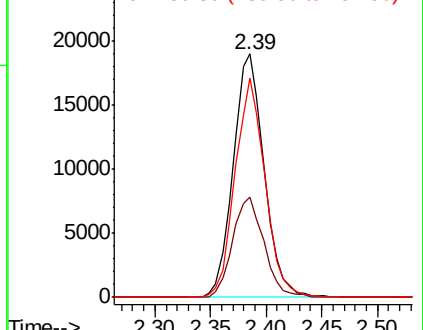


Abundance

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: 15.291 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

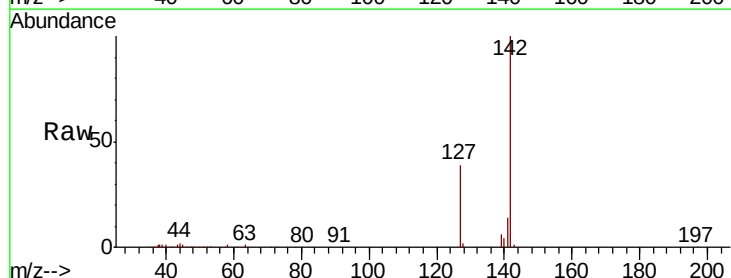
Tgt Ion:142 Resp: 38892

Ion Ratio Lower Upper

142 100

127 41.1 31.1 46.7

141 14.4 11.2 16.8

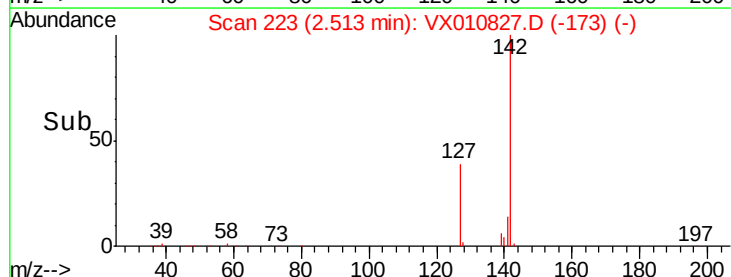
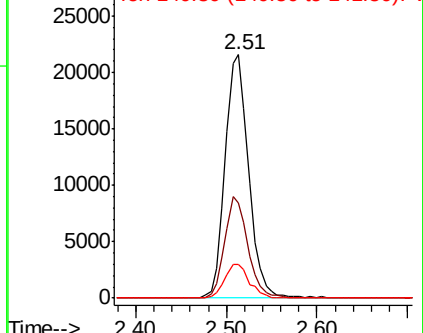


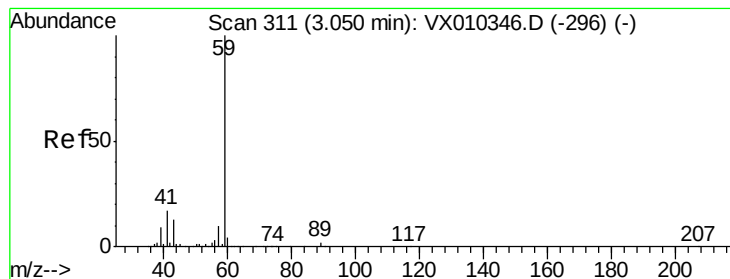
Abundance

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: 87.008 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

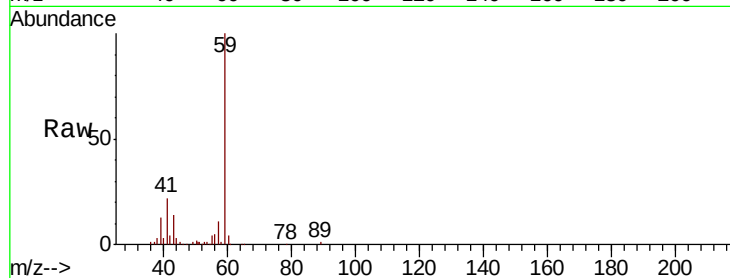
VX0712WBS02

Tot Ion: 59 Resp: 44663

Ion Ratio Lower Upper

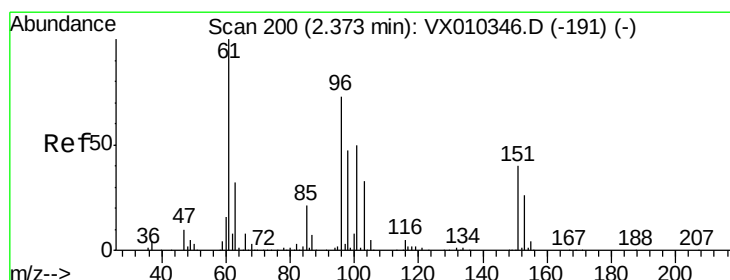
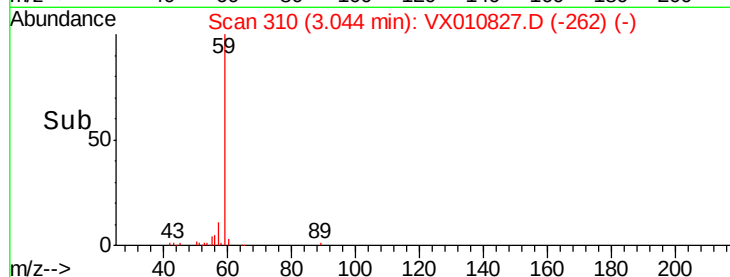
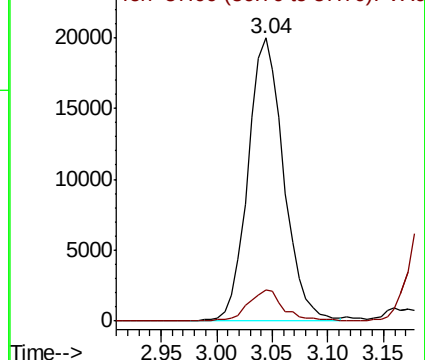
59 100

57 11.1 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.189 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

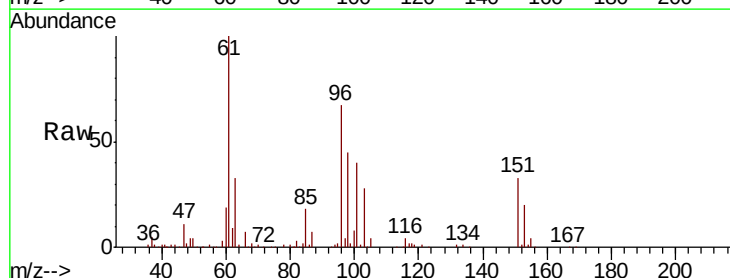
Tgt Ion: 96 Resp: 34801

Ion Ratio Lower Upper

96 100

61 148.9 109.2 163.8

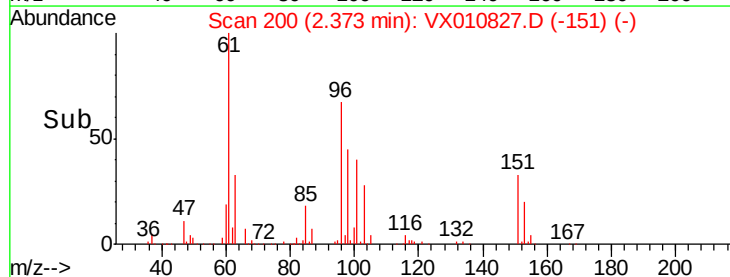
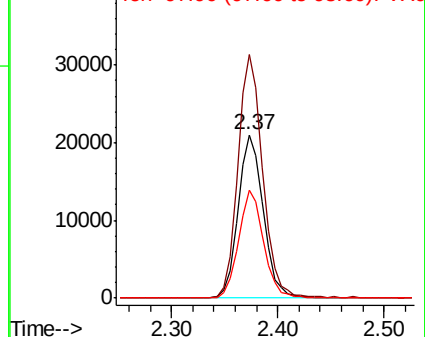
98 66.3 51.1 76.7

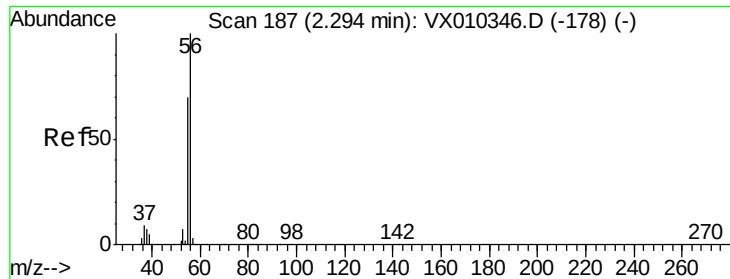


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 125.231 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

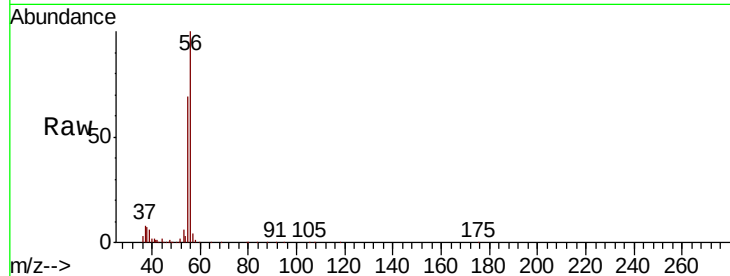
VX0712WBS02

Tot Ion: 56 Resp: 42644

Ion Ratio Lower Upper

56 100

55 69.9 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

30000

25000

20000

15000

10000

5000

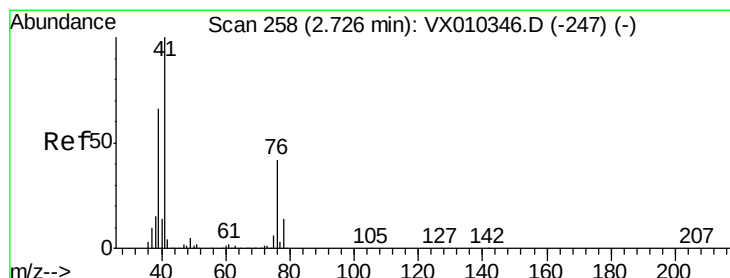
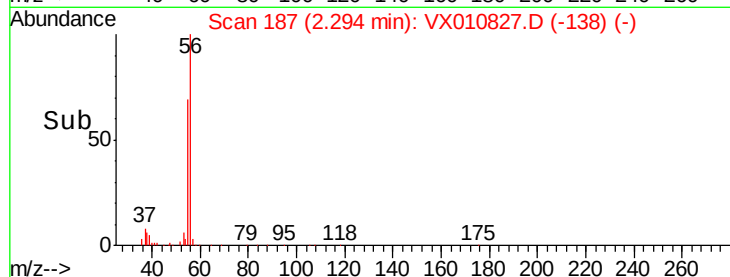
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 20.168 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

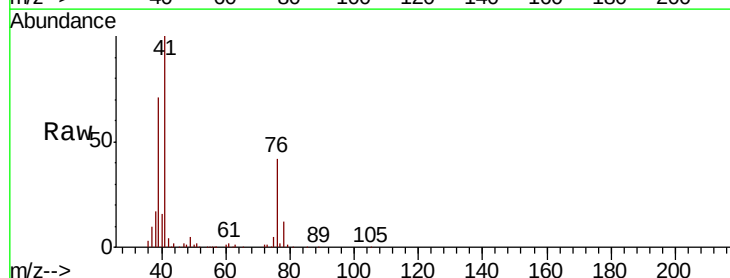
Tgt Ion: 41 Resp: 51926

Ion Ratio Lower Upper

41 100

39 63.4 50.3 75.5

76 37.3 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

60000

50000

40000

30000

20000

10000

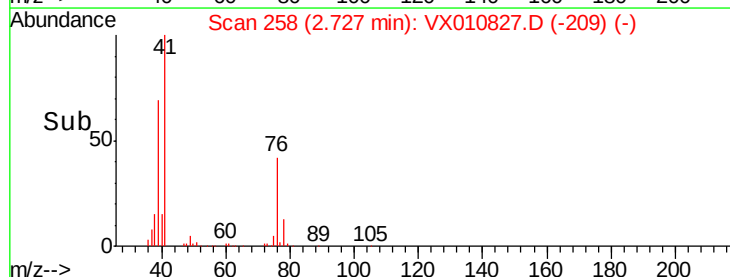
0

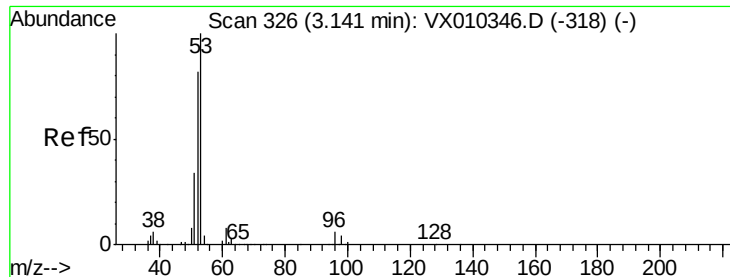
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 103.440 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

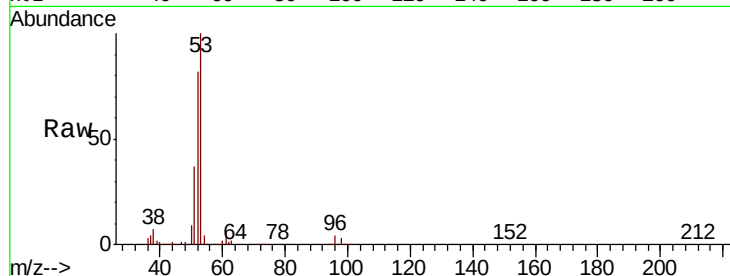
MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 53 Resp: 105127

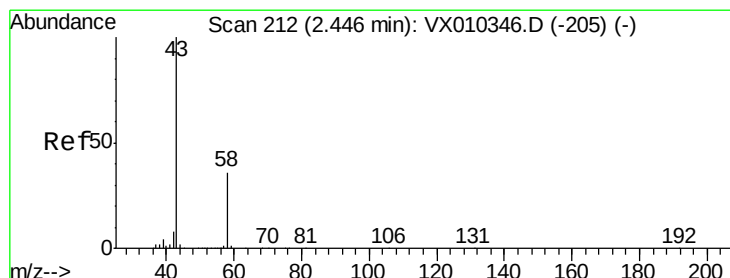
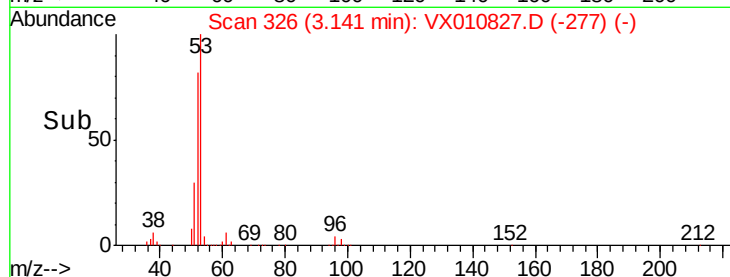
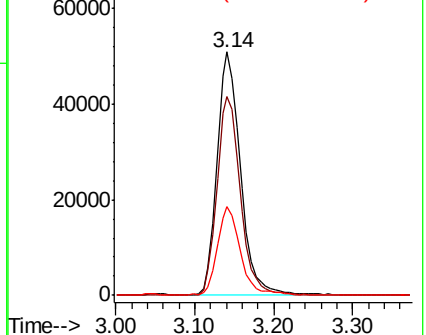
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	35.8	28.2	42.4



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: 106.471 ug/l

RT: 2.44 min Scan# 211

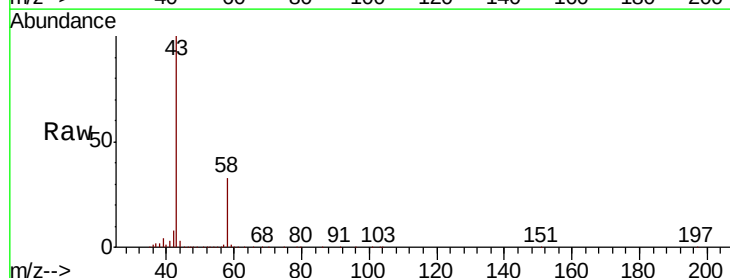
Delta R.T. -0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

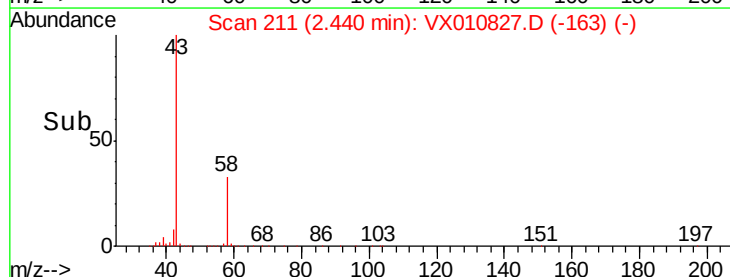
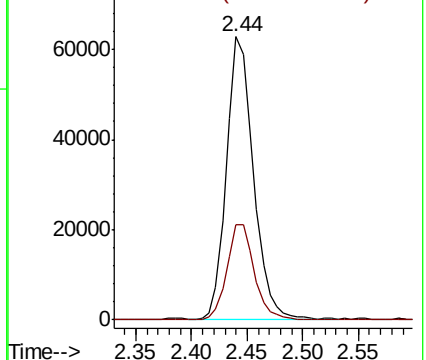
Tgt Ion: 43 Resp: 104677

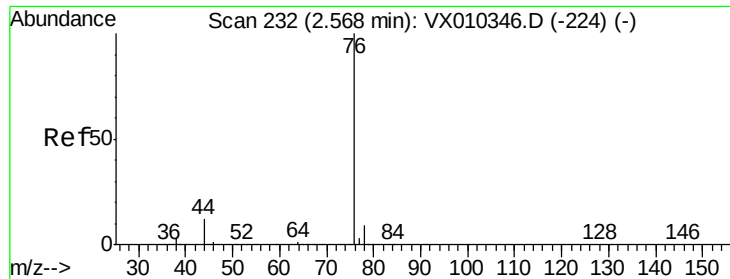
Ion	Ratio	Lower	Upper
43	100		
58	33.5	28.9	43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

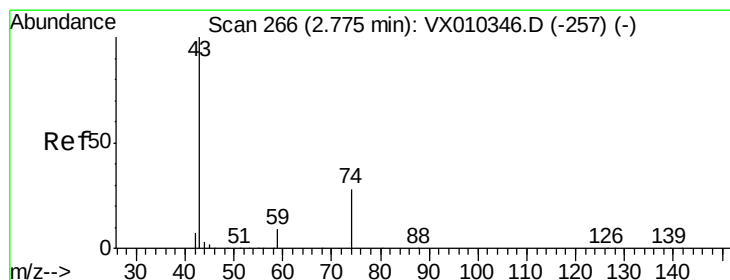
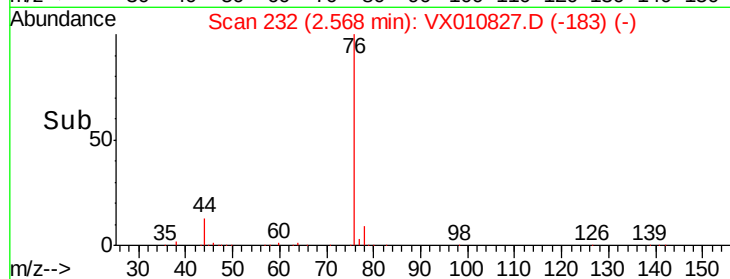
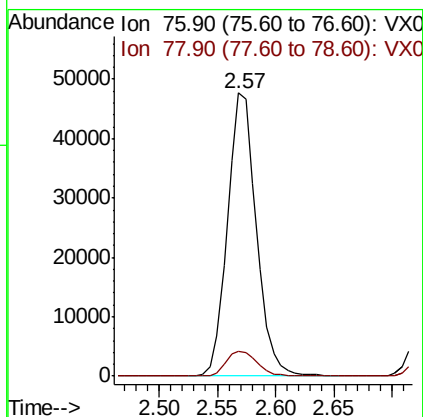
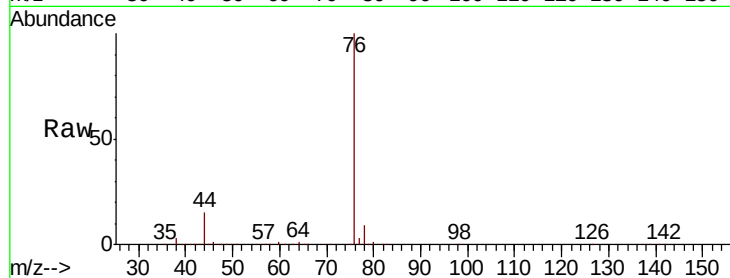




#17
Carbon Disulfide
Concen: 16.910 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

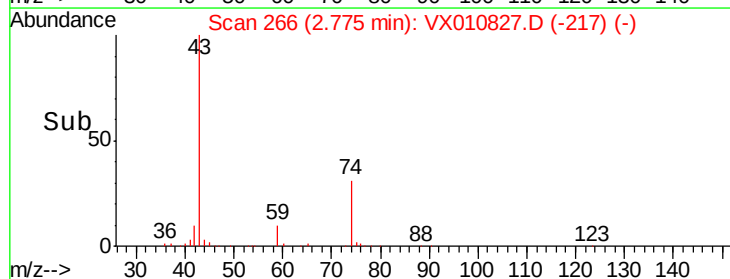
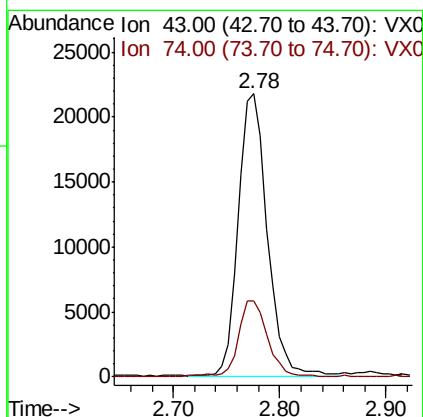
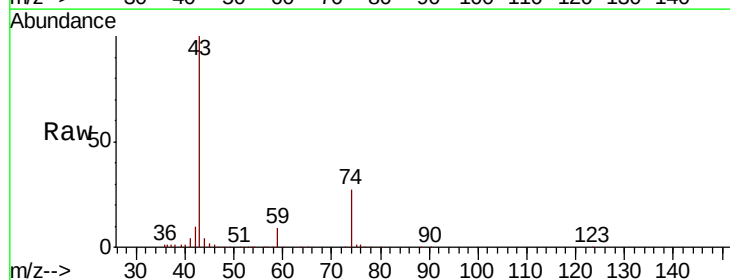
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

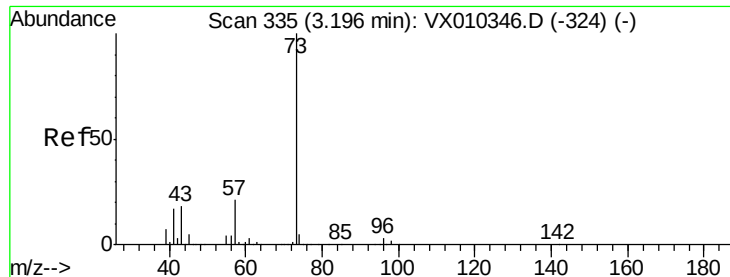
Tot Ion: 76 Resp: 82273
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 21.223 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 43 Resp: 41587
Ion Ratio Lower Upper
43 100
74 27.5 21.3 31.9

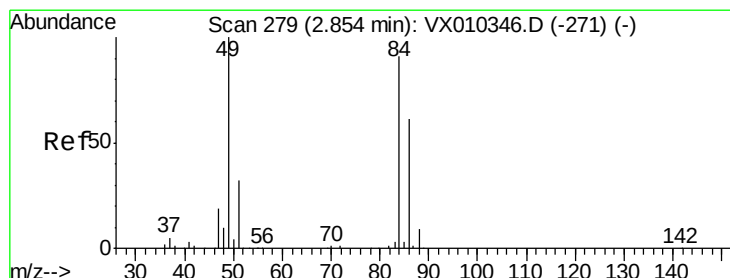
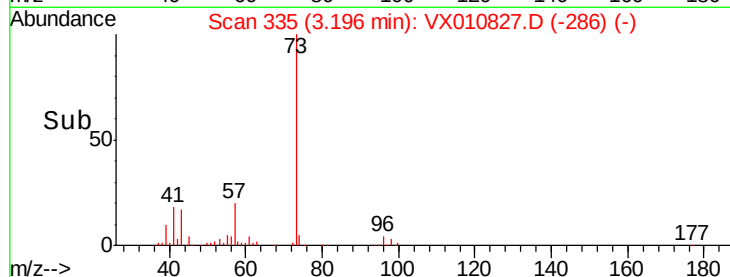
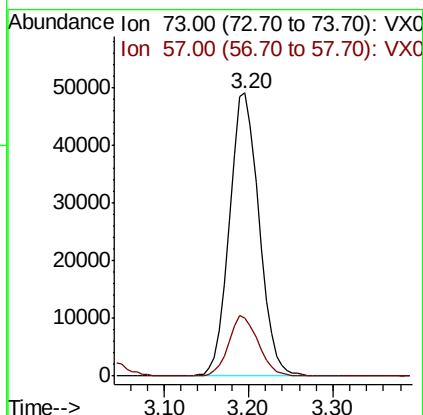
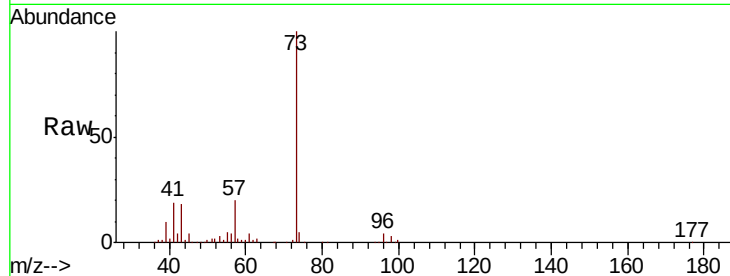




#19
Methvl tert-butyl Ether
Concen: 20.479 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

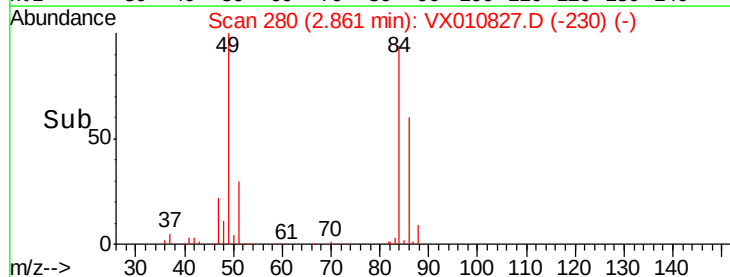
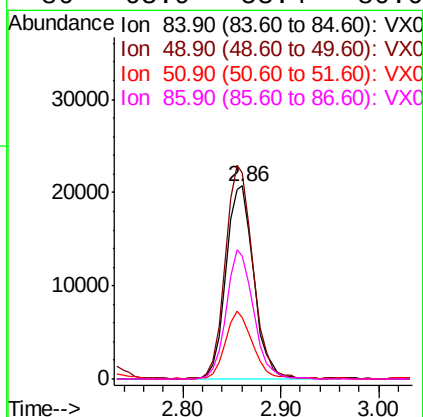
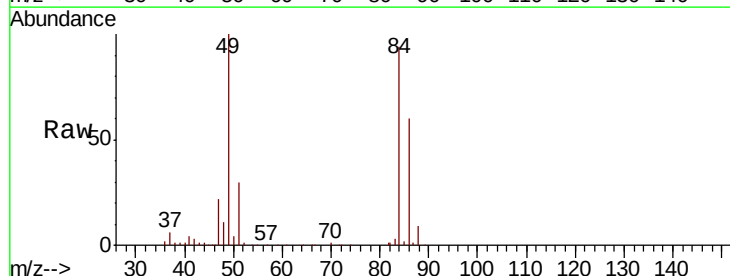
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

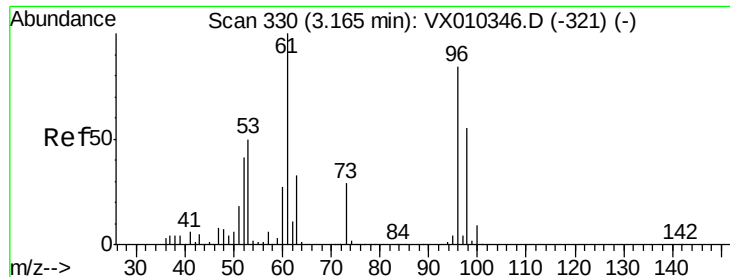
Tot Ion: 73 Resp: 116836
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6



#20
Methylene Chloride
Concen: 20.222 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 84 Resp: 40915
Ion Ratio Lower Upper
84 100
49 106.3 87.5 131.3
51 31.8 27.7 41.5
86 63.9 53.4 80.0

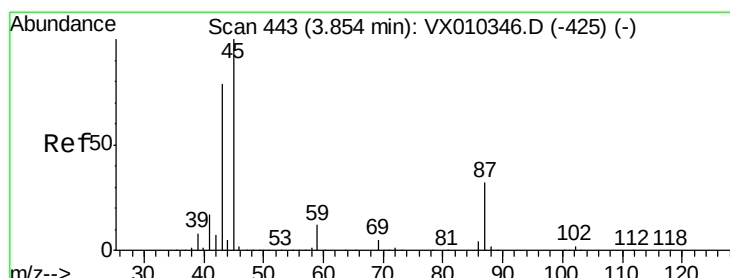
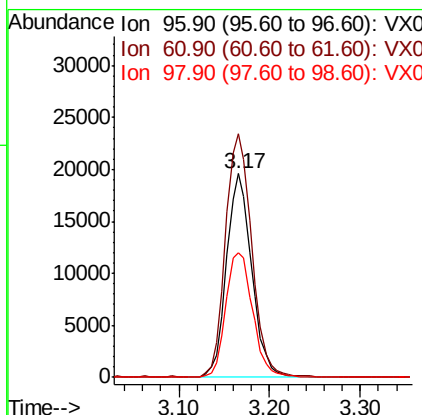
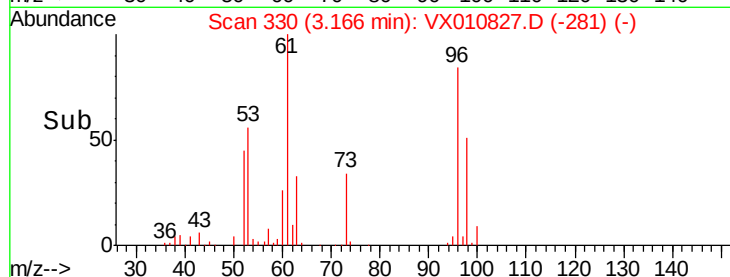
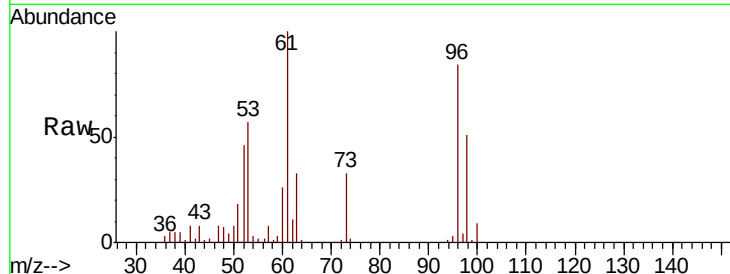




#21
trans-1,2-Dichloroethene
Concen: 19.445 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

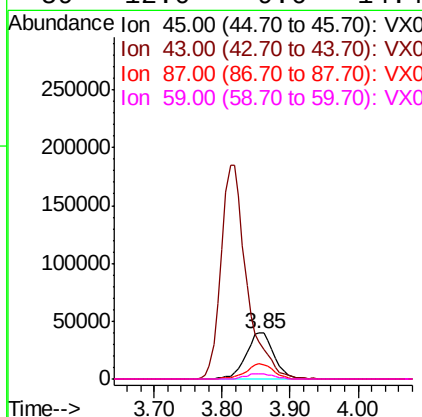
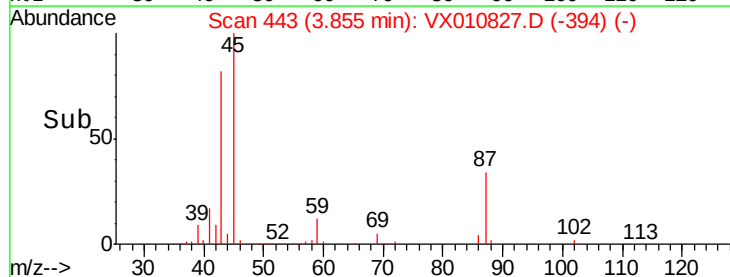
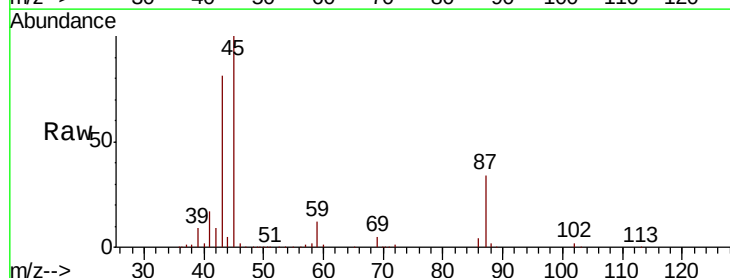
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

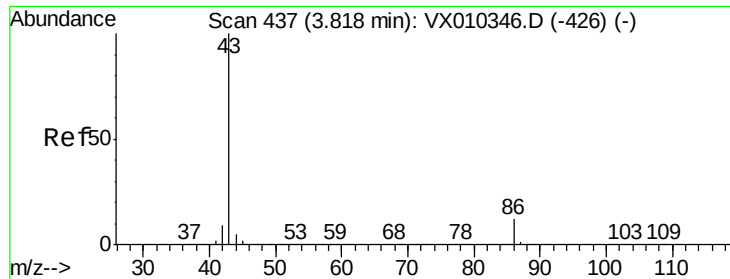
Tot Ion: 96 Resp: 37928
Ion Ratio Lower Upper
96 100
61 119.6 95.6 143.4
98 61.0 52.5 78.7



#22
Diisopropyl ether
Concen: 20.948 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 45 Resp: 112766
Ion Ratio Lower Upper
45 100
43 81.5 63.3 94.9
87 33.8 25.8 38.8
59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 104.536 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

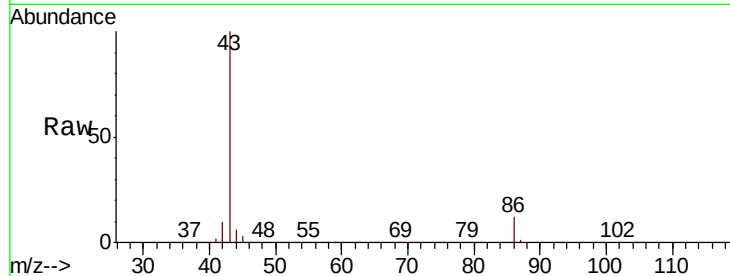
VX0712WBS02

Tot Ion: 43 Resp: 486141

Ion Ratio Lower Upper

43 100

86 11.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

150000

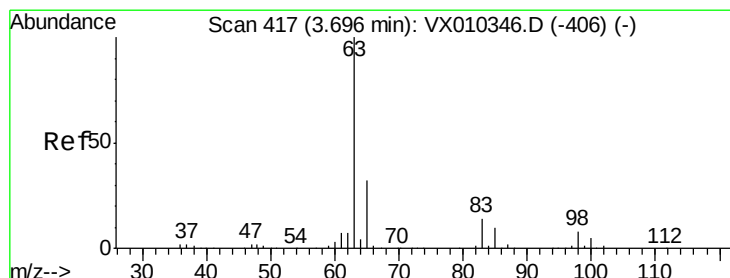
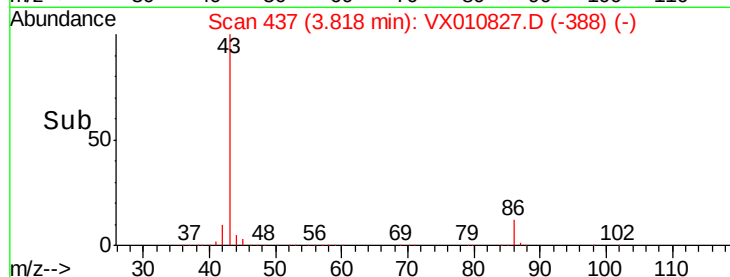
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.335 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

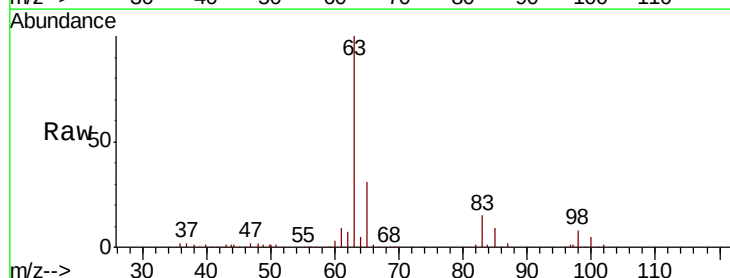
Tgt Ion: 63 Resp: 63276

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.4 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

3.70

30000

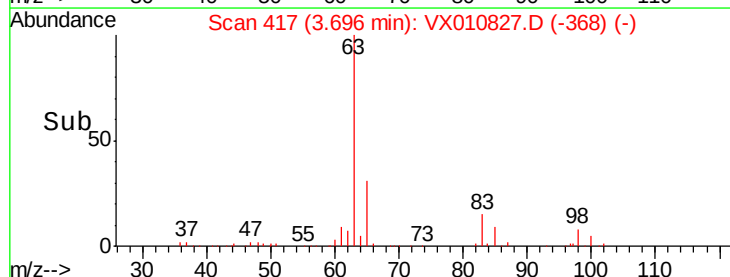
20000

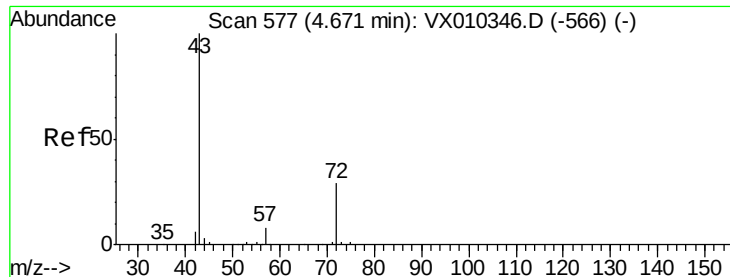
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 102.791 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

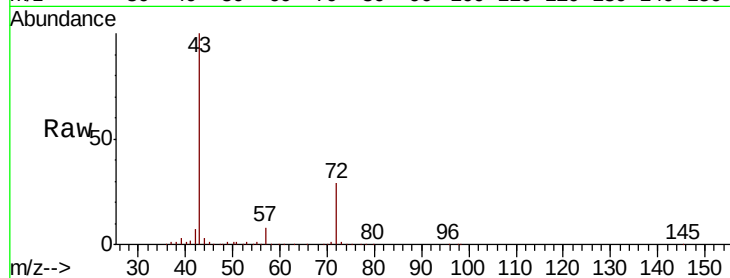
VX0712WBS02

Tot Ion: 43 Resp: 148241

Ion Ratio Lower Upper

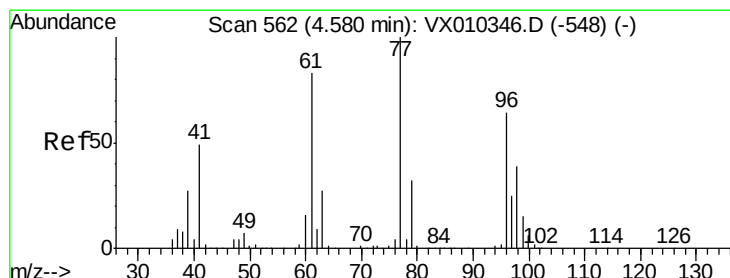
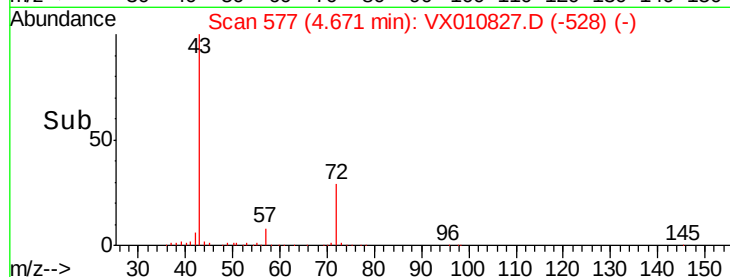
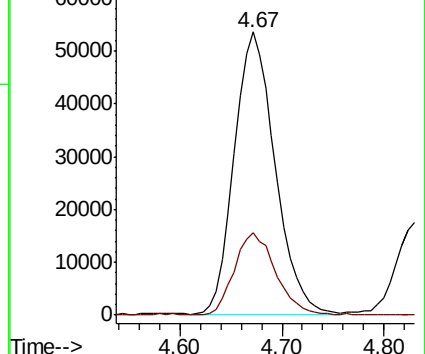
43 100

72 29.0 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: 18.253 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010827.D

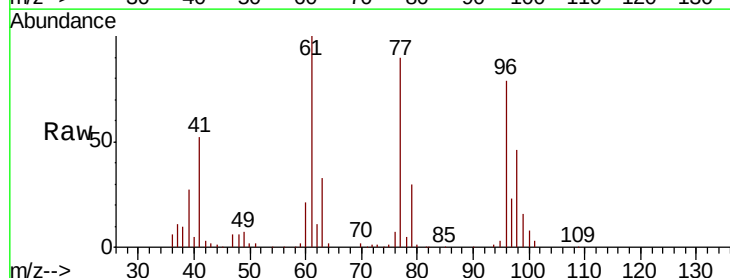
Acq: 12 Jul 2019 11:45

Tgt Ion: 77 Resp: 49338

Ion Ratio Lower Upper

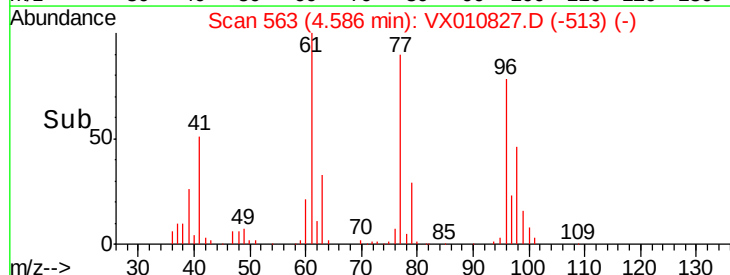
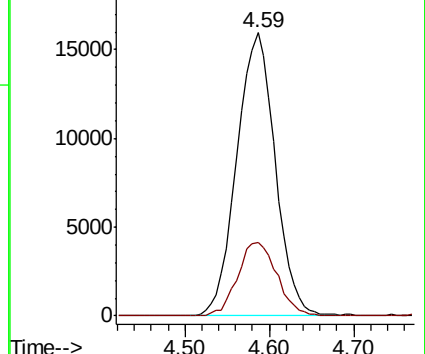
77 100

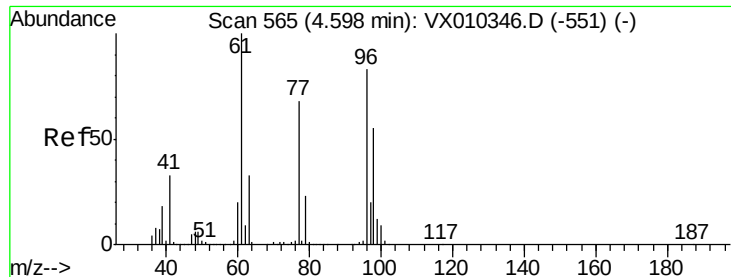
97 26.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



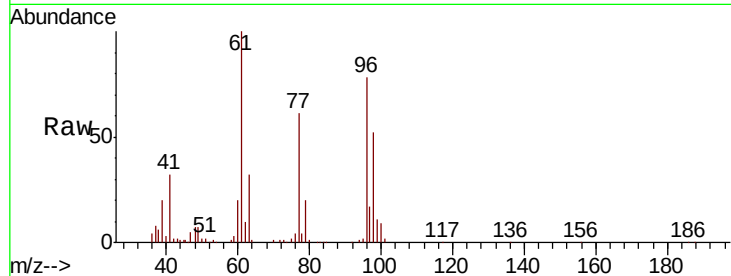


#27

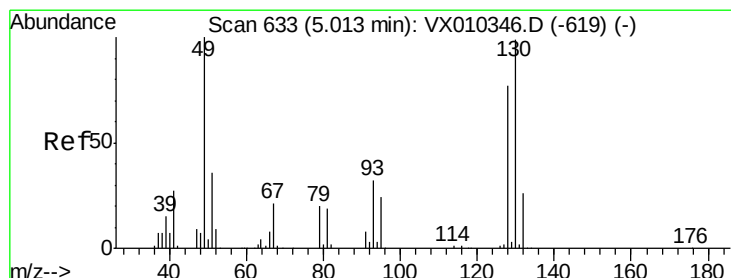
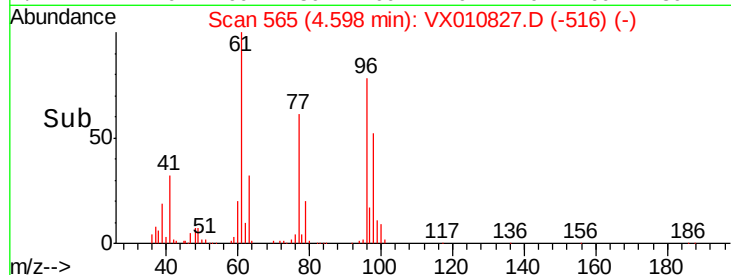
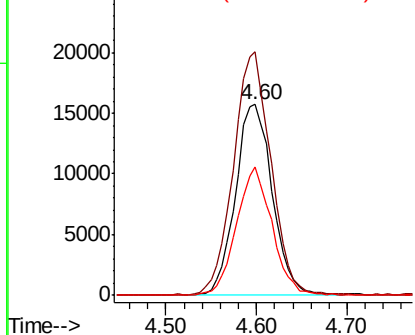
cis-1,2-Dichloroethene
Concen: 19.628 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampled :
VX0712WBS02

Tot Ion: 96 Resp: 44240
Ion Ratio Lower Upper
96 100
61 130.4 0.0 251.8
98 65.1 0.0 129.4



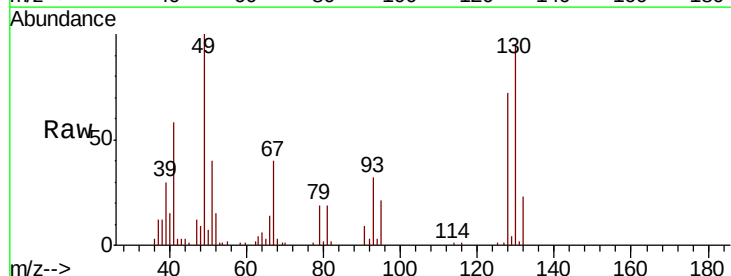
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



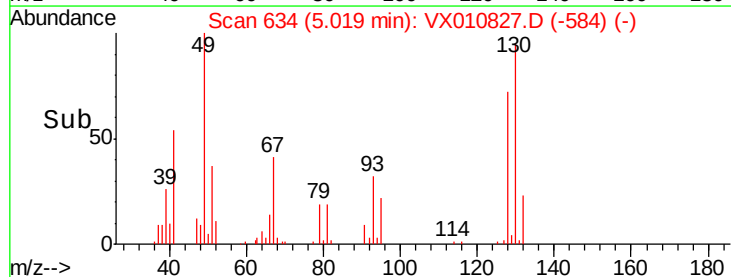
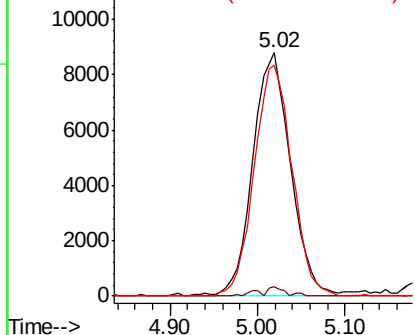
#28

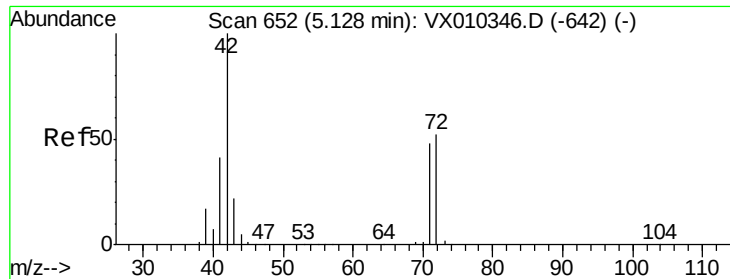
Bromochloromethane
Concen: 17.728 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 49 Resp: 26375
Ion Ratio Lower Upper
49 100
129 1.4 0.0 5.6
130 94.7 81.4 122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

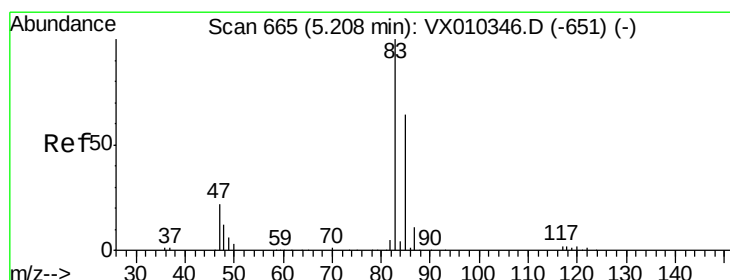
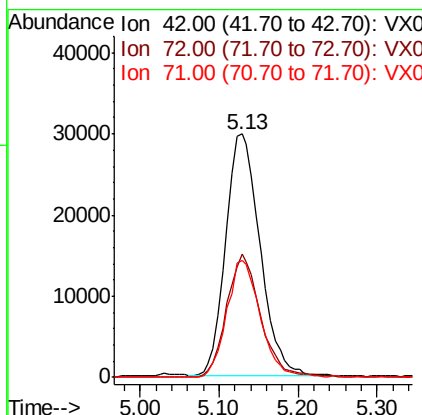
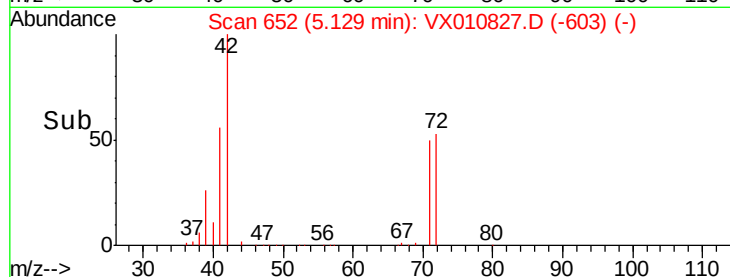
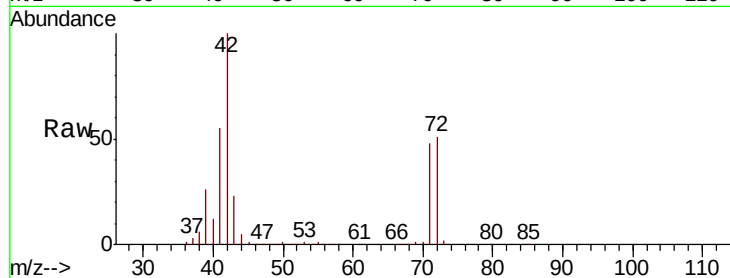




#29
Tetrahydrofuran
Concen: 101.367 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

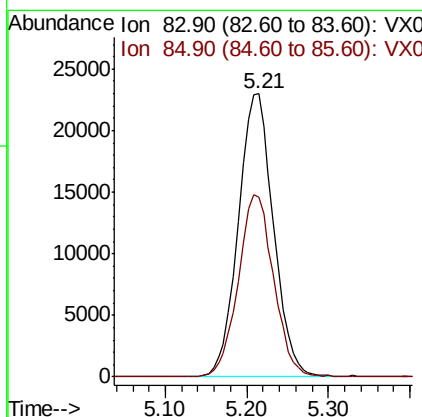
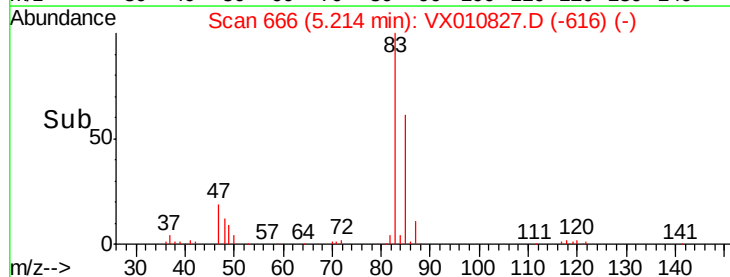
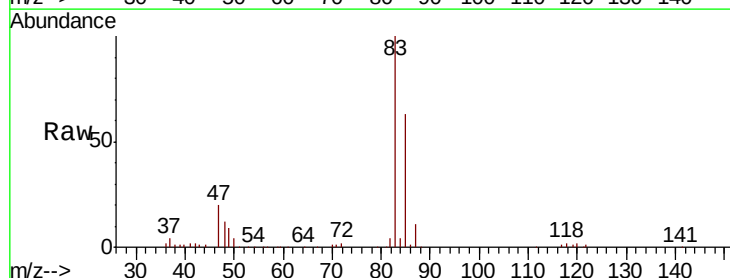
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

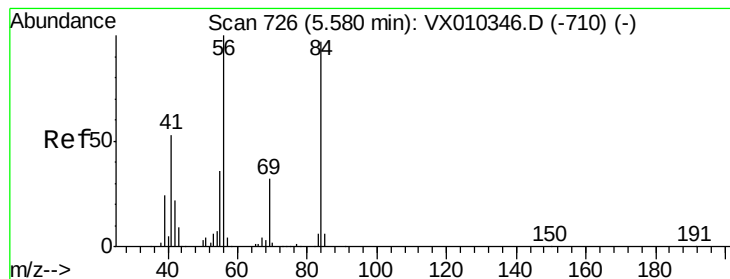
Tot Ion	Ratio	Lower	Upper
42	100		
72	50.5	40.6	60.8
71	47.5	37.8	56.8



#30
Chloroform
Concen: 20.548 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3





#31

Cyclohexane

Concen: 20.147 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

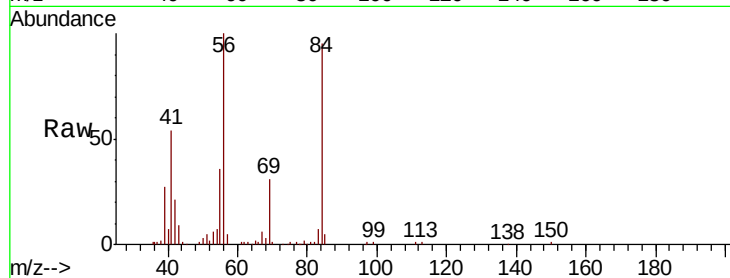
Tot Ion: 56 Resp: 57088

Ion Ratio Lower Upper

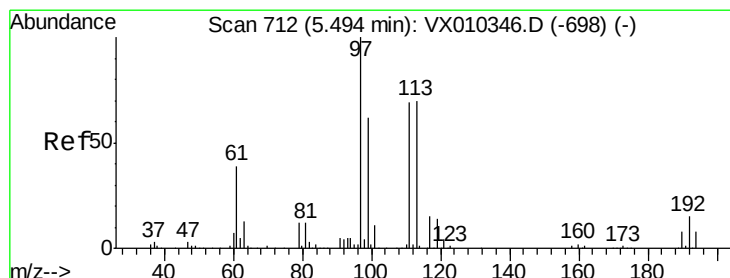
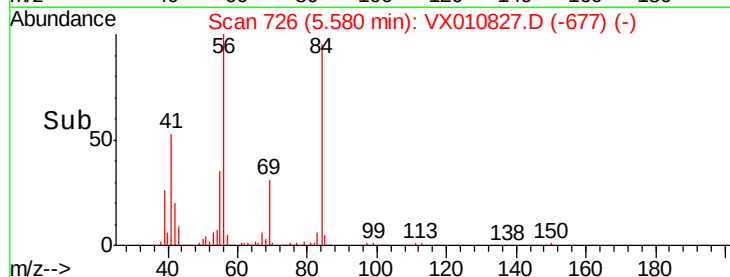
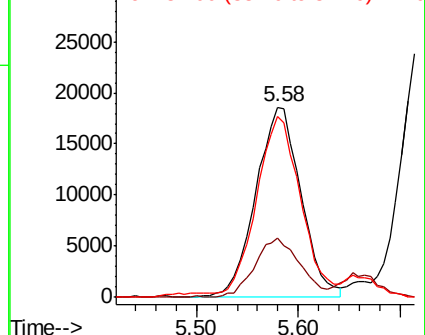
56 100

69 30.8 25.9 38.9

84 92.3 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: 19.598 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

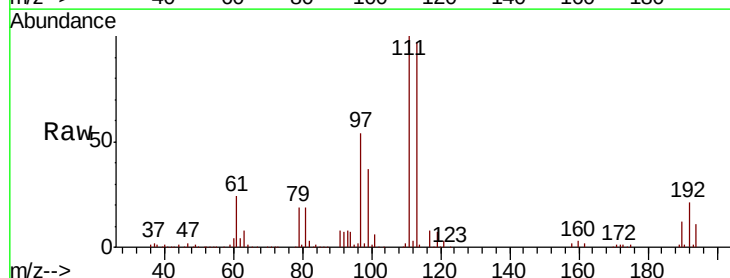
Tgt Ion: 97 Resp: 57935

Ion Ratio Lower Upper

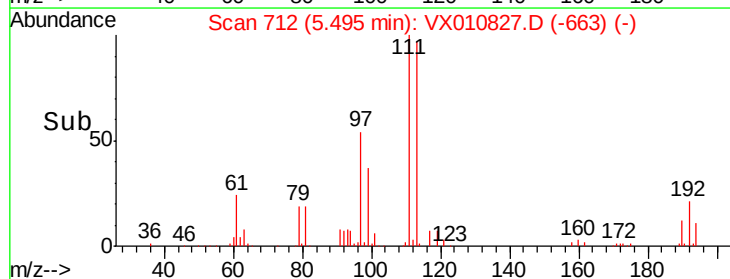
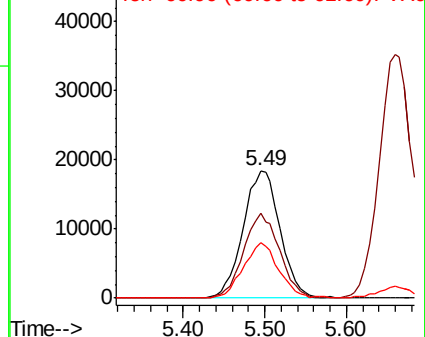
97 100

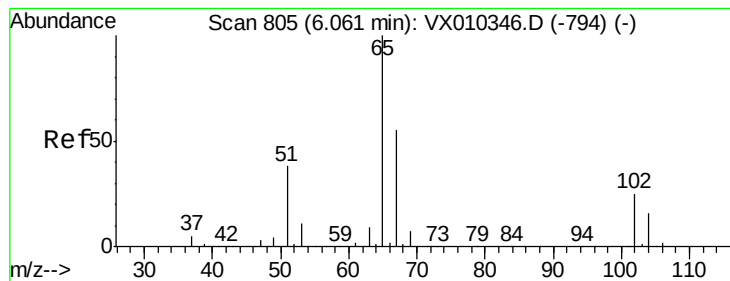
99 64.8 51.8 77.8

61 42.2 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: 51.472 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

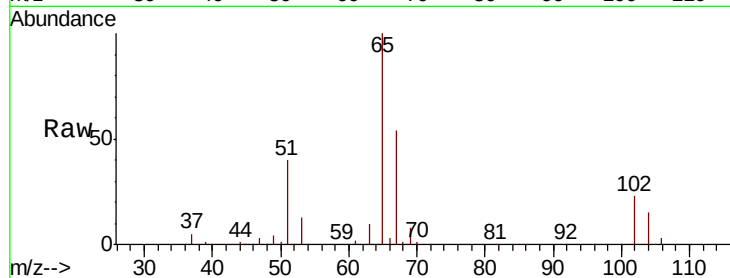
VX0712WBS02

Tot Ion: 65 Resp: 100974

Ion Ratio Lower Upper

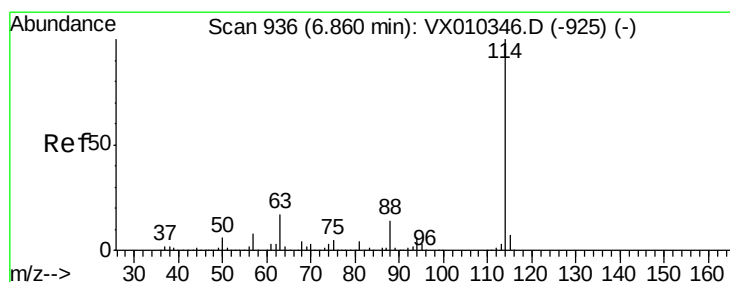
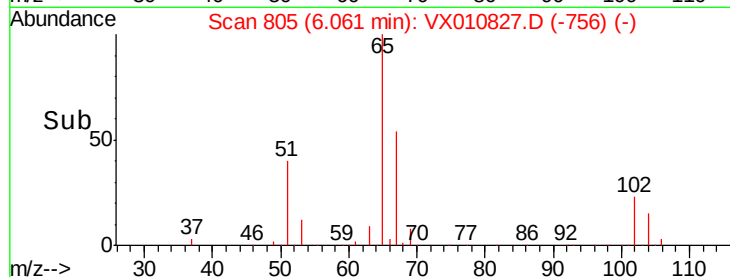
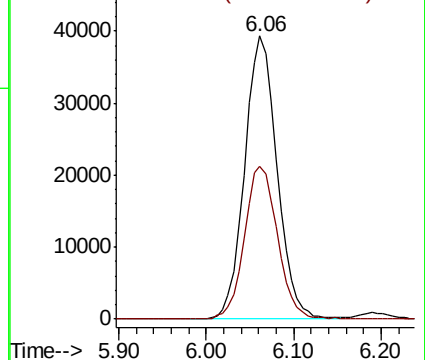
65 100

67 55.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

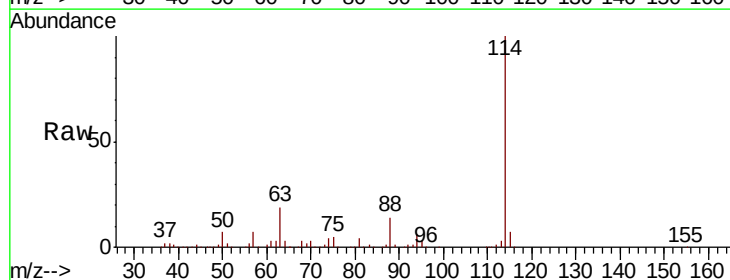
Tgt Ion: 114 Resp: 306247

Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.8

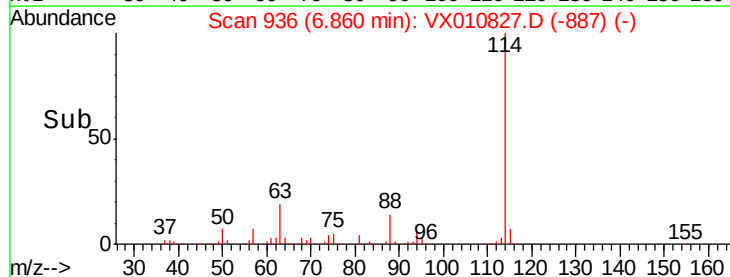
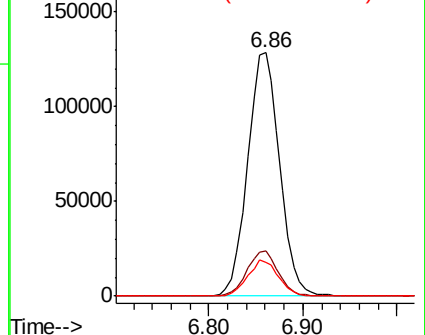
88 14.1 0.0 27.6

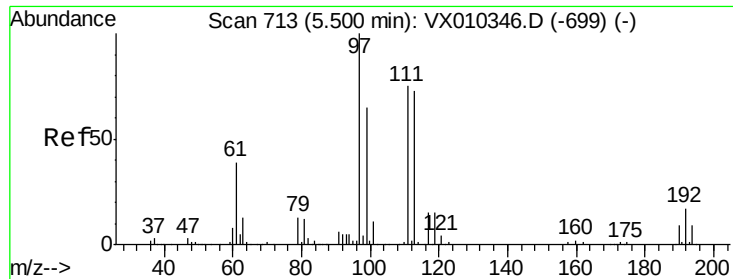


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

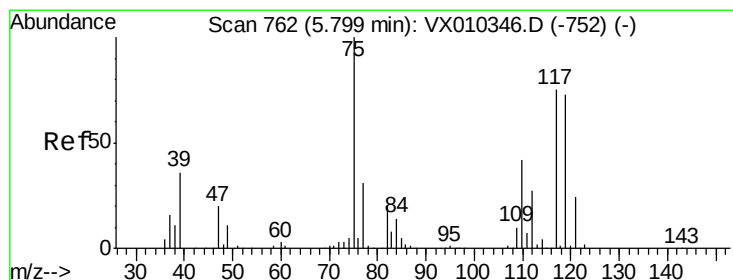
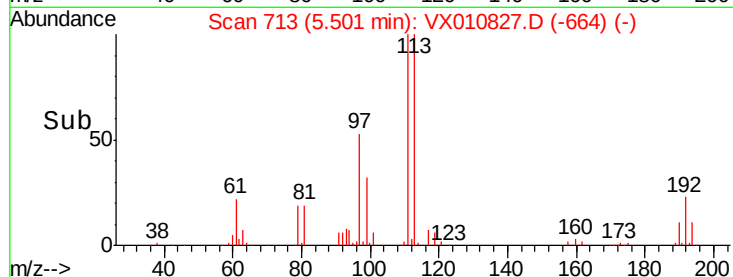
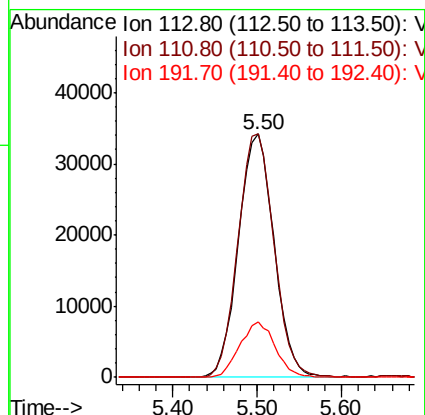
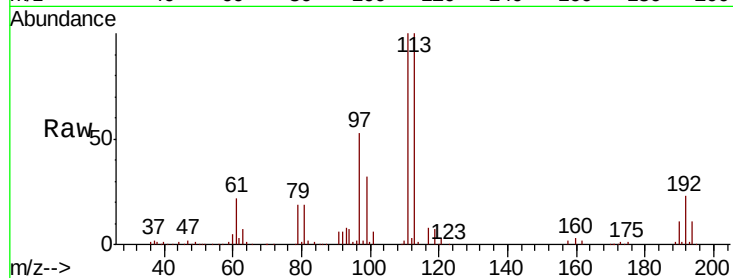




#35
 Dibromofluoromethane
 Concen: 52.176 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

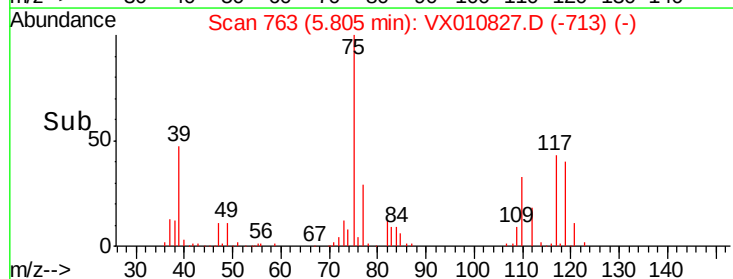
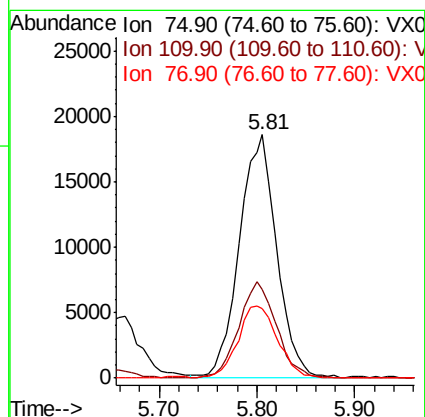
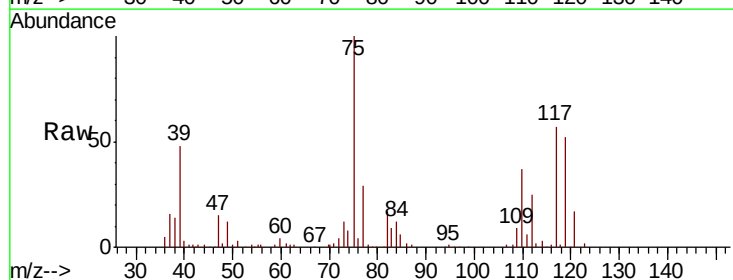
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

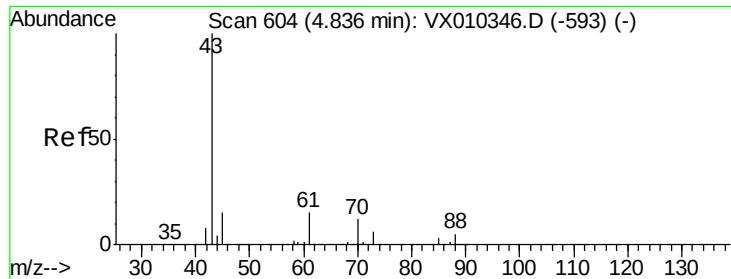
Tot Ion:113 Resp: 97763
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.2 121.8
 192 22.6 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 20.310 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion: 75 Resp: 49427
 Ion Ratio Lower Upper
 75 100
 110 39.8 20.8 62.2
 77 31.5 25.4 38.0

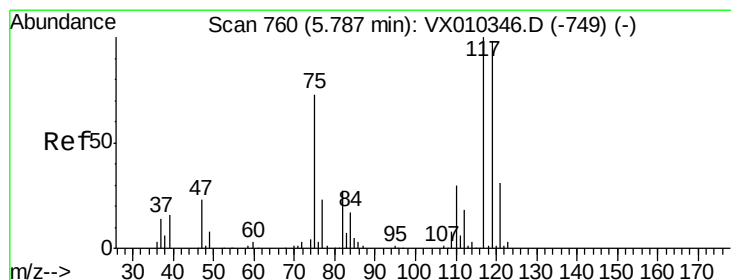
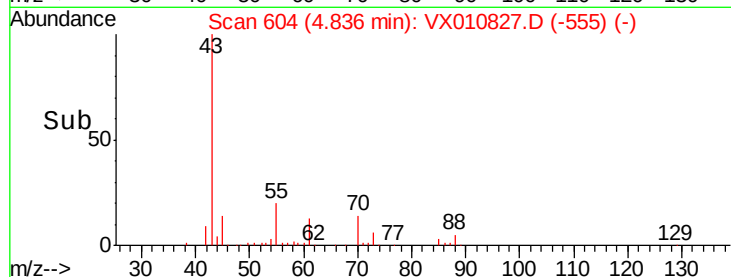
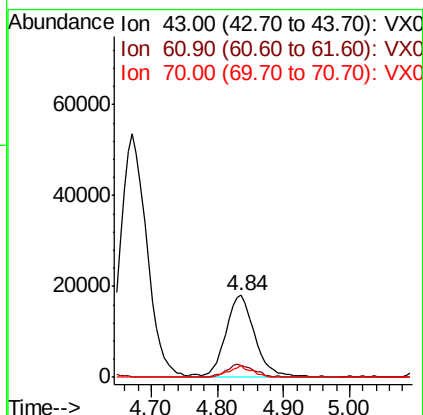
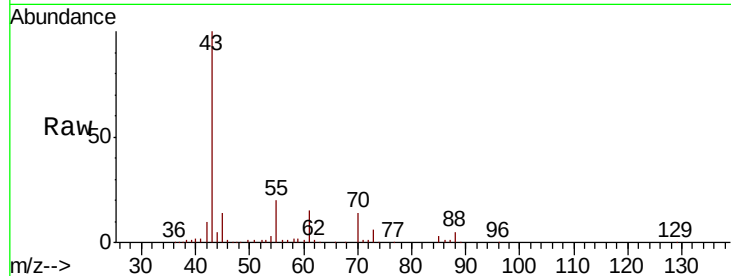




#37
Ethyl Acetate
Concen: 21.592 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

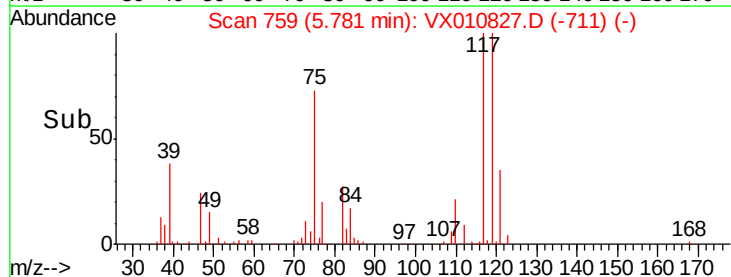
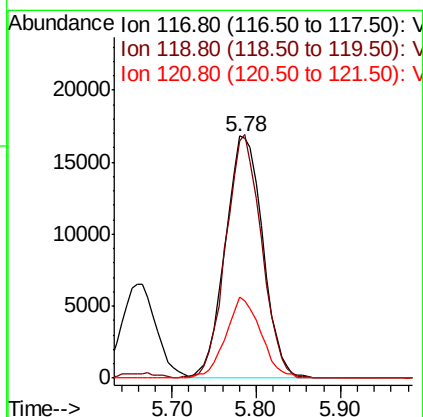
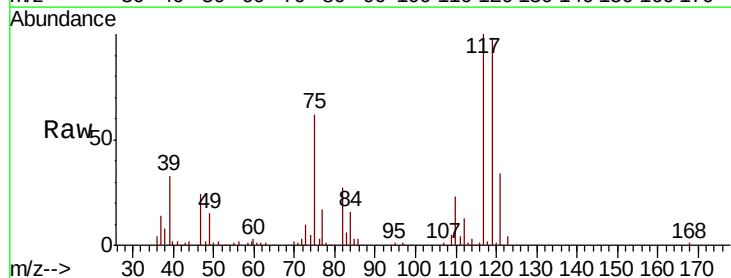
Instrument :
MSVOA_X
ClientSampled :
VX0712WBS02

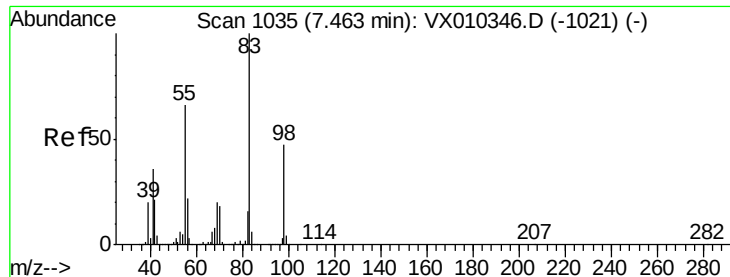
Tot Ion: 43 Resp: 54058
Ion Ratio Lower Upper
43 100
61 16.0 12.4 18.6
70 12.2 9.8 14.8



#38
Carbon Tetrachloride
Concen: 19.290 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 117 Resp: 50835
Ion Ratio Lower Upper
117 100
119 98.1 78.2 117.4
121 33.6 24.7 37.1

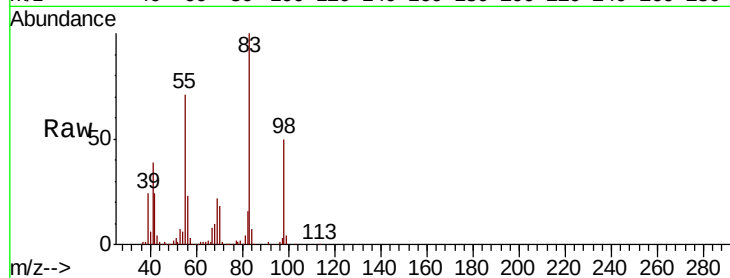




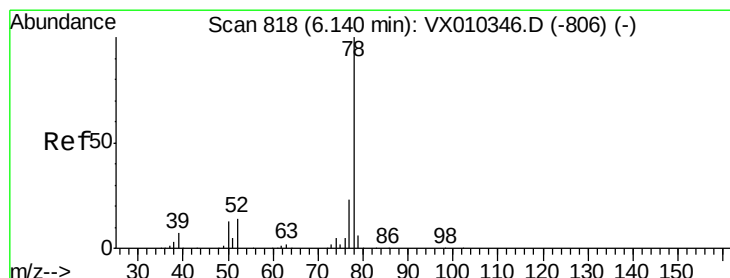
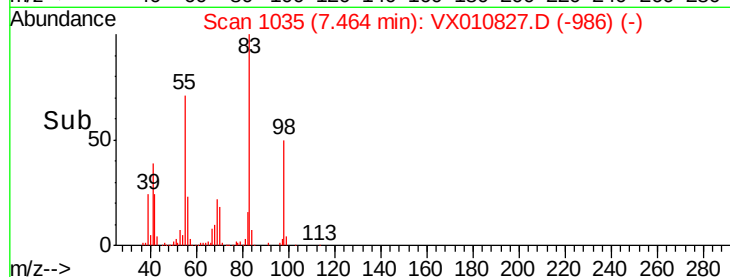
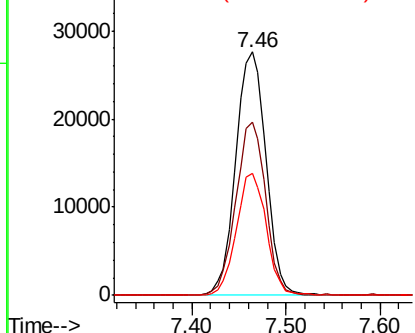
#39
Methylvlcyclohexane
Concen: 19.347 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion: 83 Resp: 61888
Ion Ratio Lower Upper
83 100
55 71.1 53.0 79.6
98 50.0 37.8 56.8

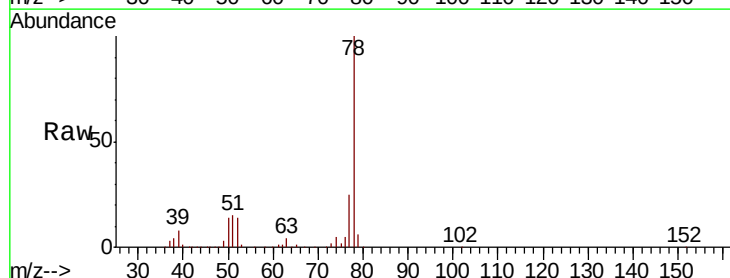


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

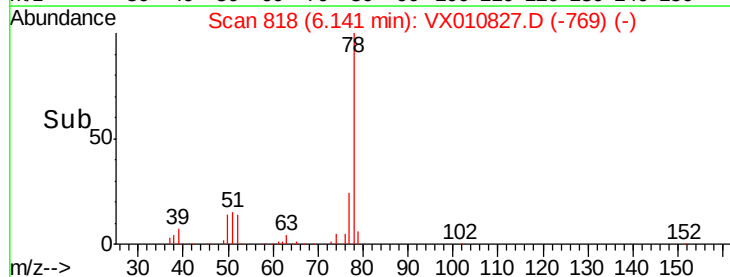
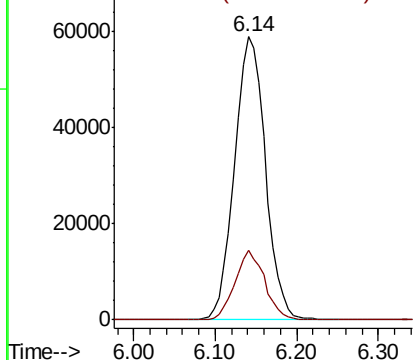


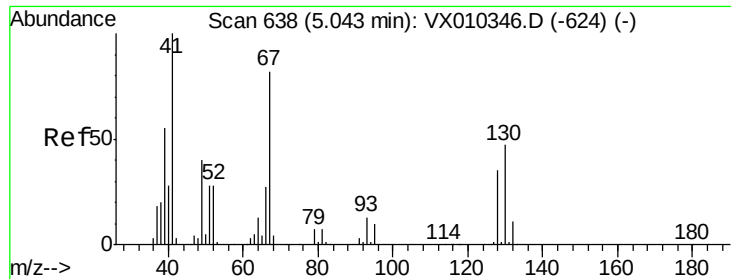
#40
Benzene
Concen: 20.382 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 78 Resp: 154530
Ion Ratio Lower Upper
78 100
77 24.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

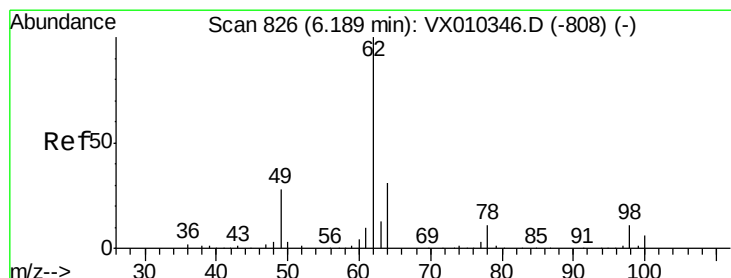
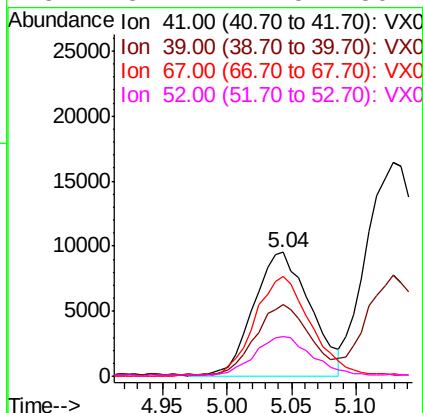
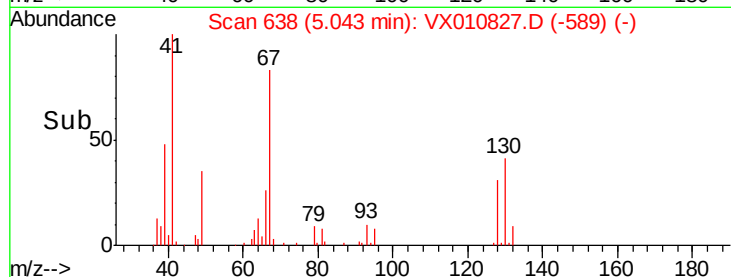
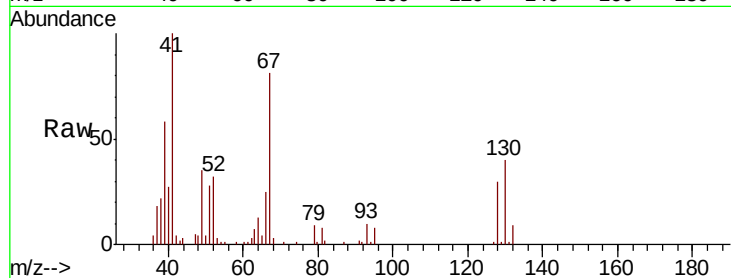




#41
Methacrylonitrile
Concen: 21.255 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

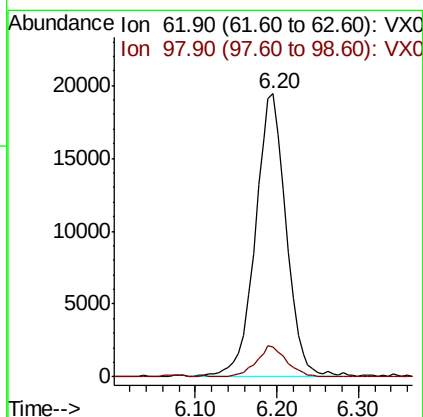
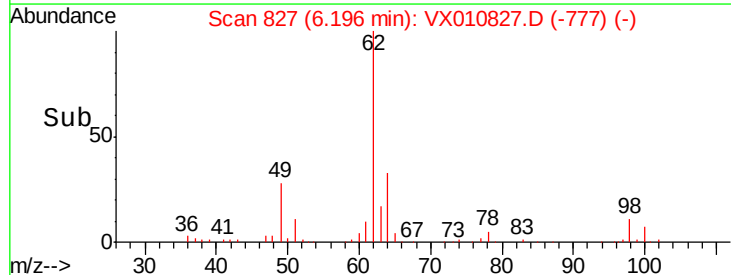
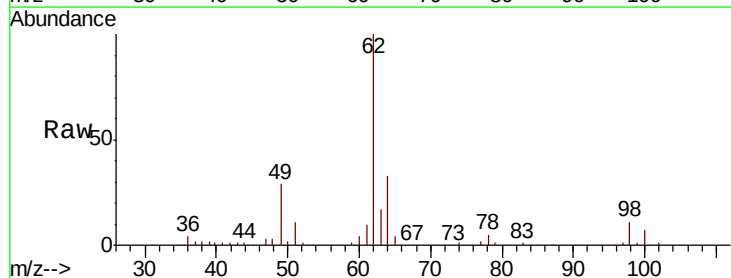
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

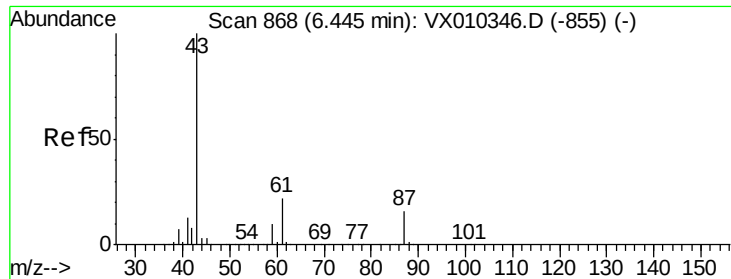
Tot Ion:	41	Resp:	29197
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.8	65.8
67	80.2	66.6	100.0
52	31.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 21.934 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion:	62	Resp:	50623
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.2





#43

Isopropyl Acetate

Concen: 20.429 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

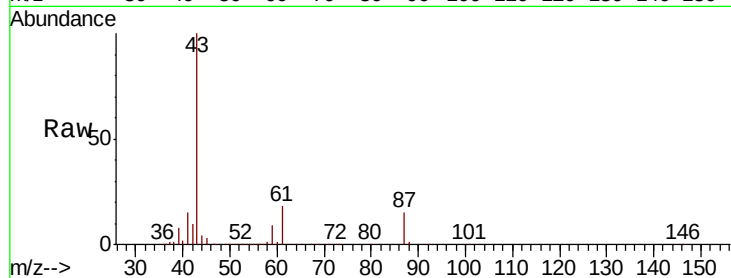
Tot Ion: 43 Resp: 84618

Ion Ratio Lower Upper

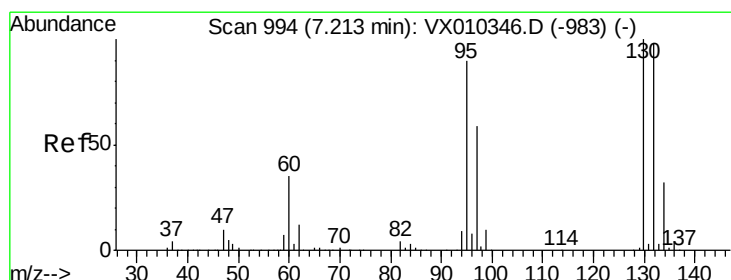
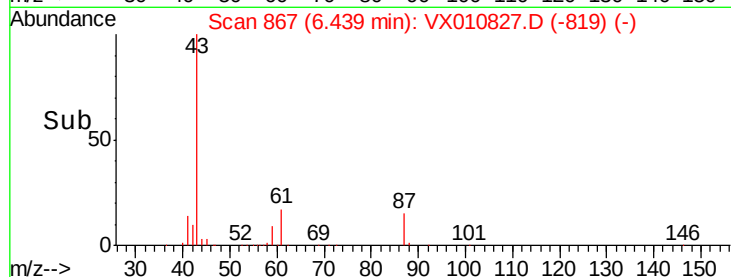
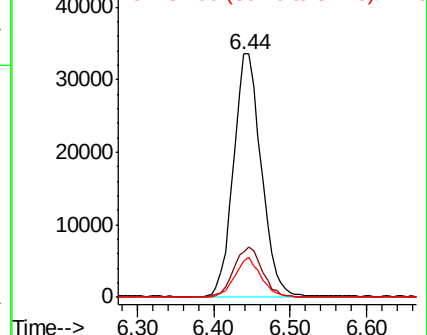
43 100

61 21.1 17.8 26.6

87 15.4 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: 19.810 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010827.D

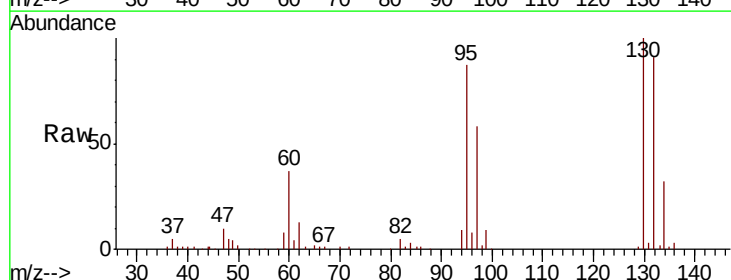
Acq: 12 Jul 2019 11:45

Tgt Ion:130 Resp: 44943

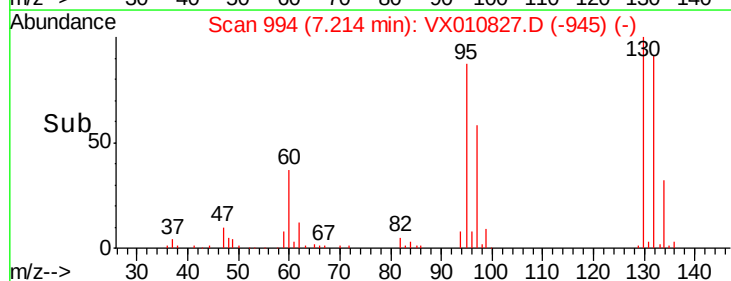
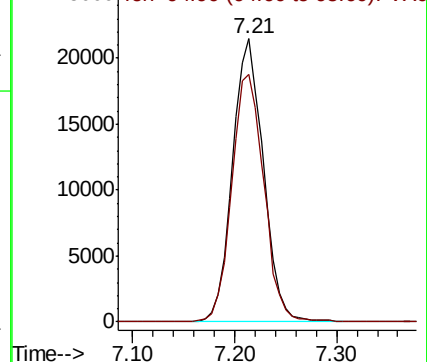
Ion Ratio Lower Upper

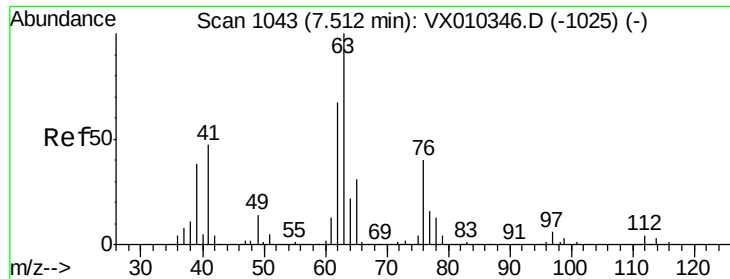
130 100

95 87.4 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

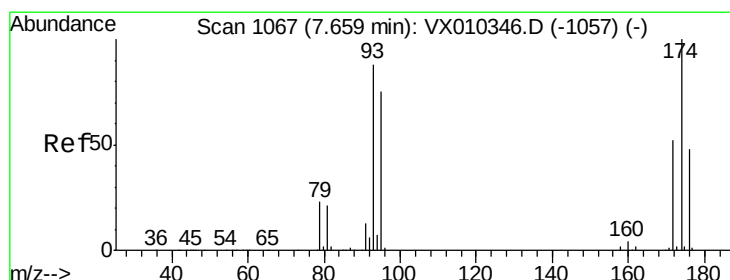
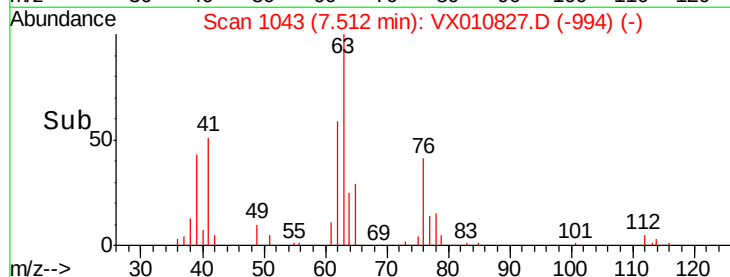
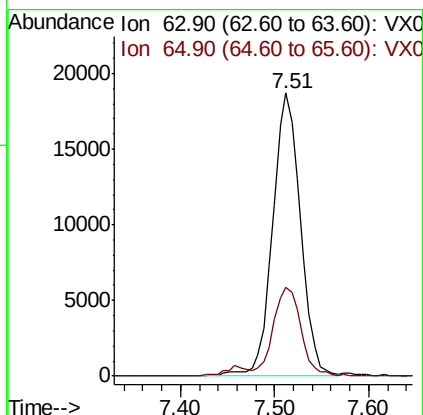
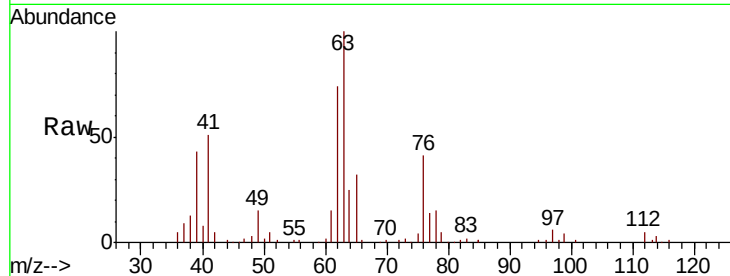




#45
 1,2-Dichloropropane
 Concen: 20.205 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

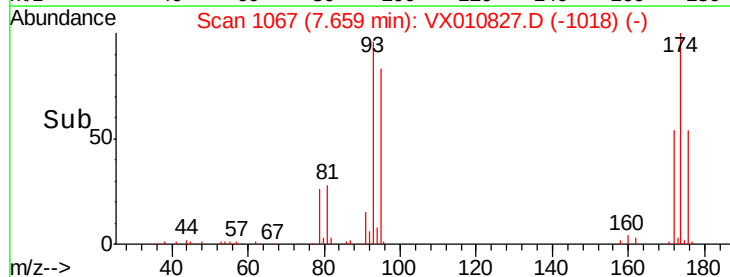
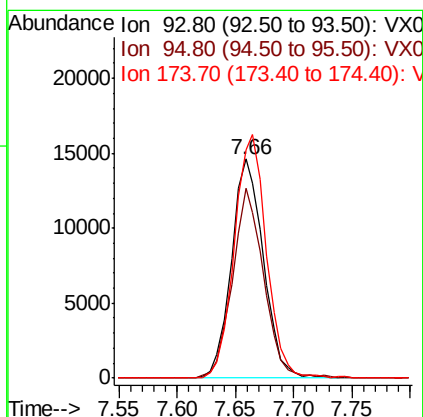
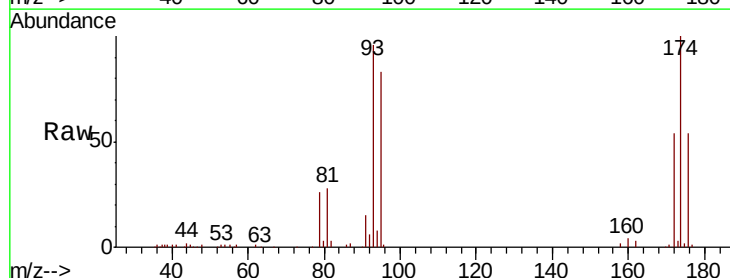
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

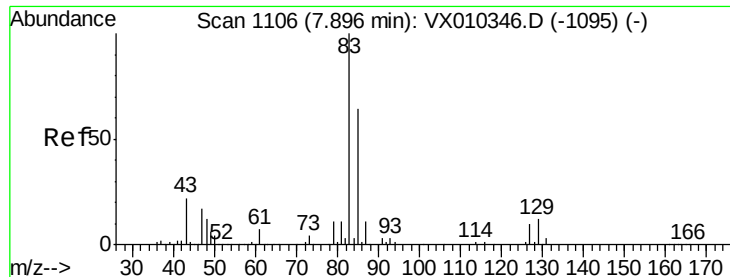
Tot Ion: 63 Resp: 38686
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 20.384 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion: 93 Resp: 28001
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.5 101.3
 174 111.1 95.8 143.6





#47

Bromodichloromethane

Concen: 19.163 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 83 Resp: 48242

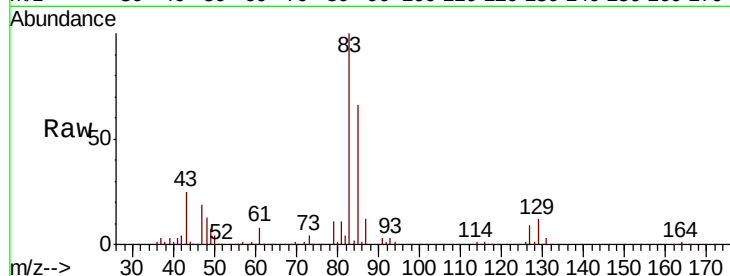
Ion Ratio Lower Upper

83 100

85 66.0

51.5 77.3

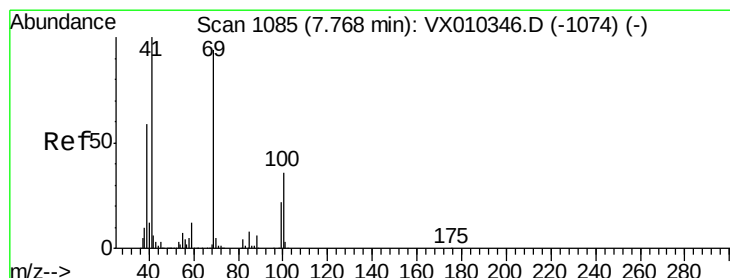
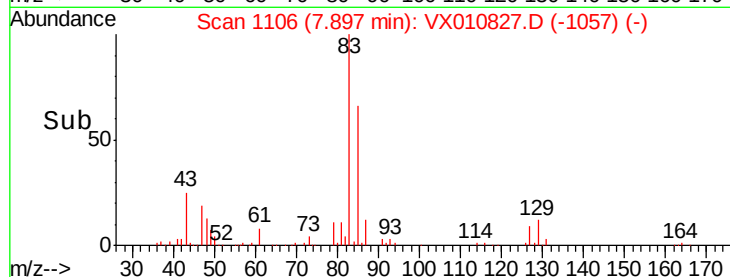
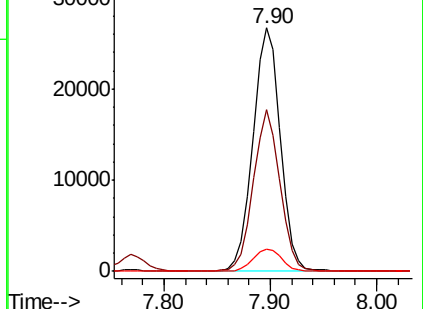
127 9.1 7.8 11.8



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: 20.736 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Tgt Ion: 41 Resp: 39923

Ion Ratio Lower Upper

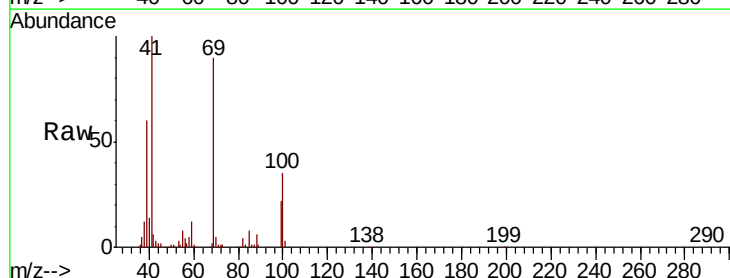
41 100

69 92.0

76.1 114.1

39 61.0

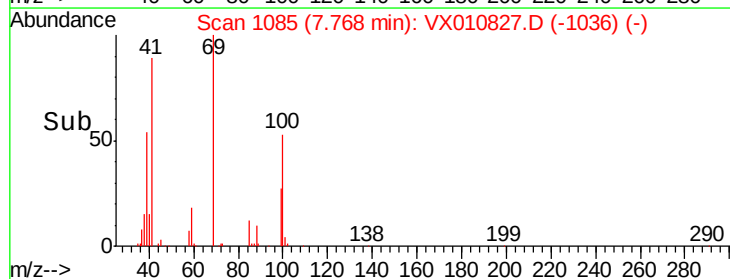
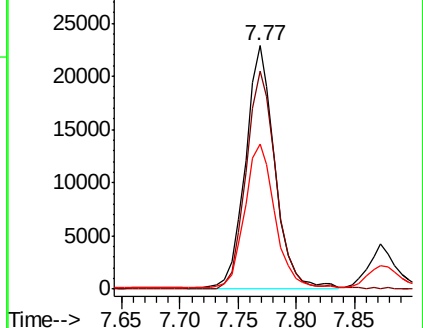
47.6 71.4

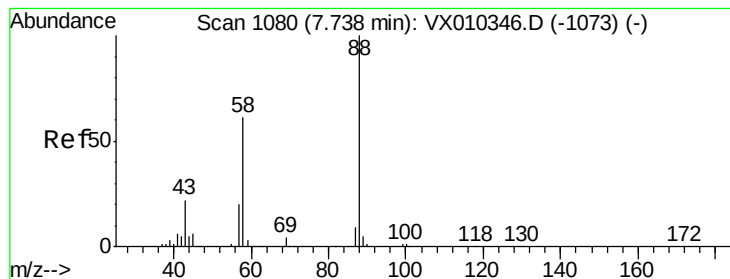


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 420.237 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

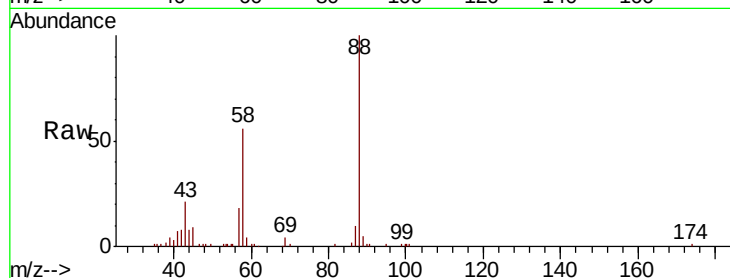
MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 88 Resp: 23308

Ion	Ratio	Lower	Upper
88	100		
43	25.3	20.2	30.2
58	62.2	49.5	74.3

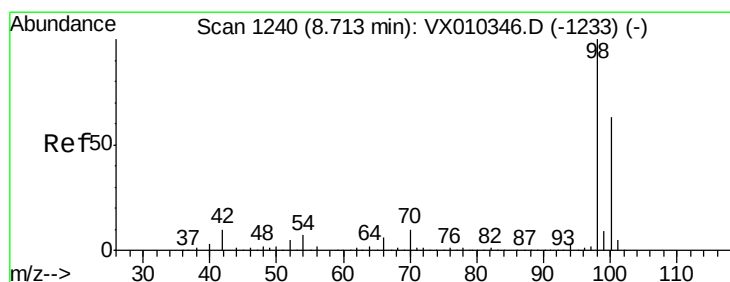
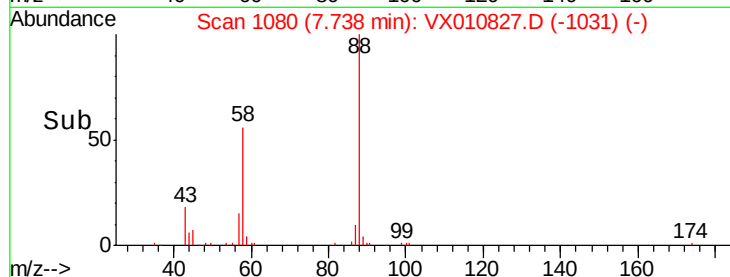
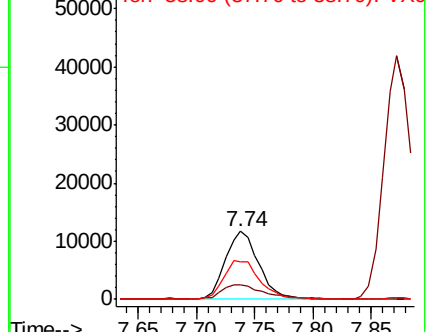


Abundance

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: 49.274 ug/l

RT: 8.71 min Scan# 1240

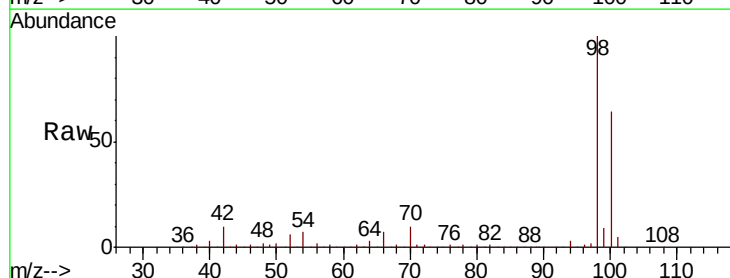
Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Tgt Ion: 98 Resp: 353220

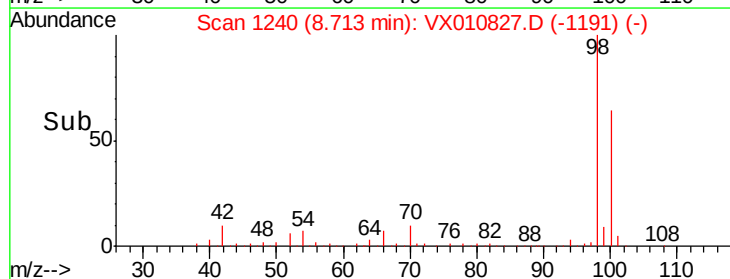
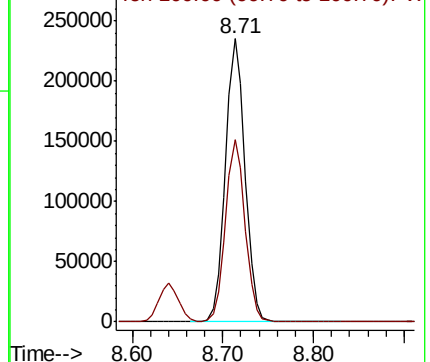
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

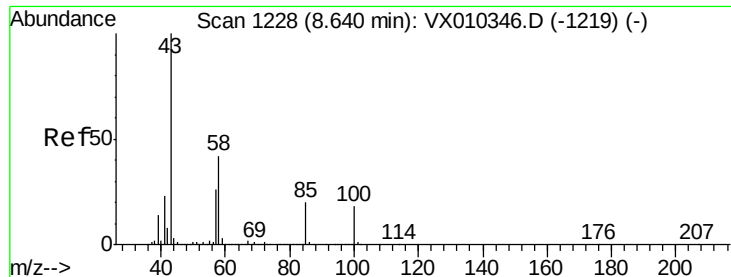


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

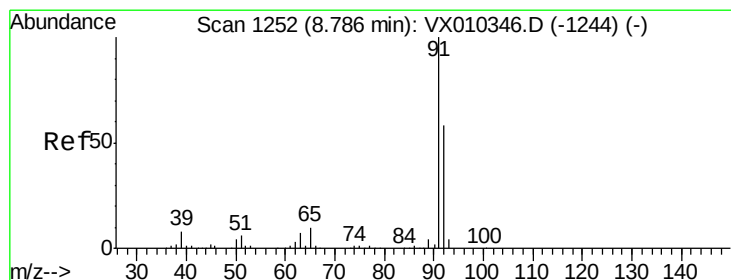
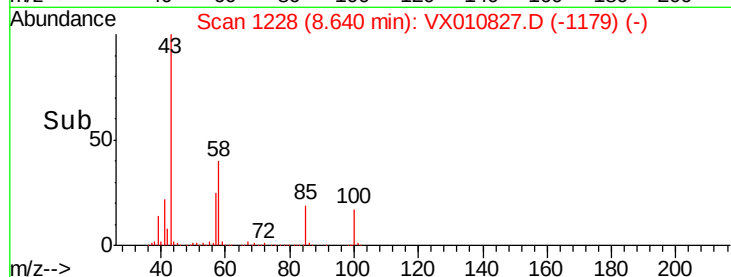
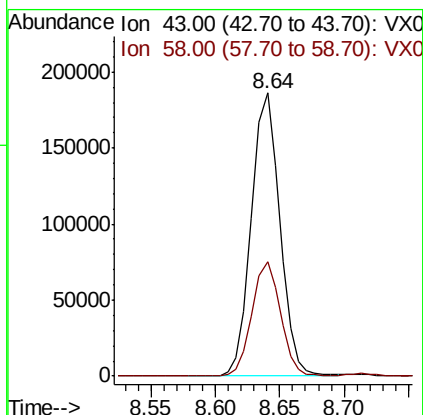
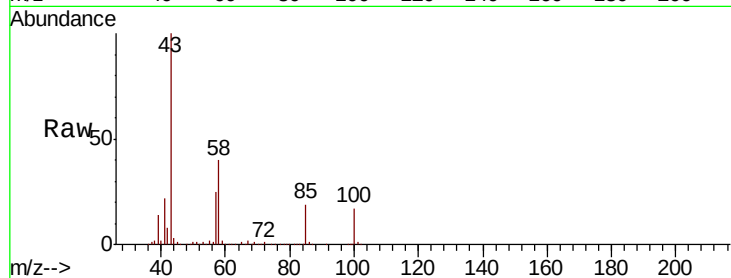




#51
4-Methyl-2-Pentanone
Concen: 107.300 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

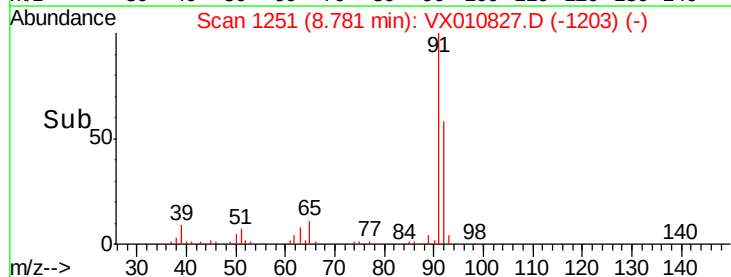
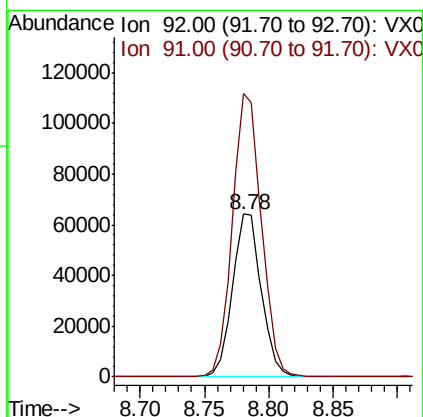
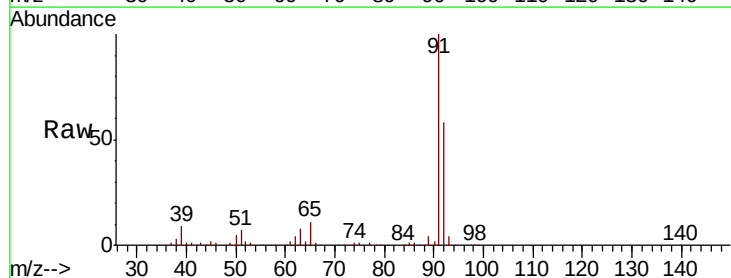
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

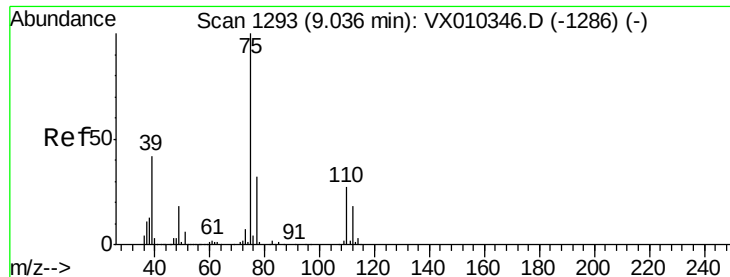
Tot Ion: 43 Resp: 284255
Ion Ratio Lower Upper
43 100
58 40.5 33.5 50.3



#52
Toluene
Concen: 20.017 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 92 Resp: 99944
Ion Ratio Lower Upper
92 100
91 175.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 18.057 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

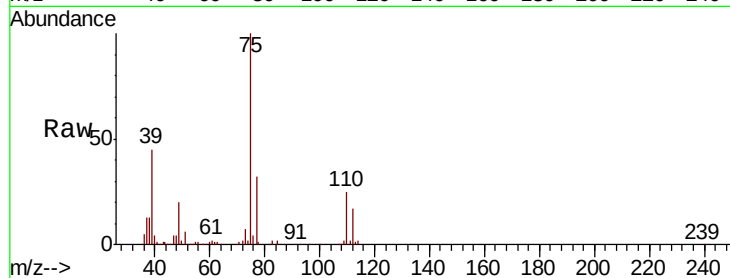
VX0712WBS02

Tot Ion: 75 Resp: 50964

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

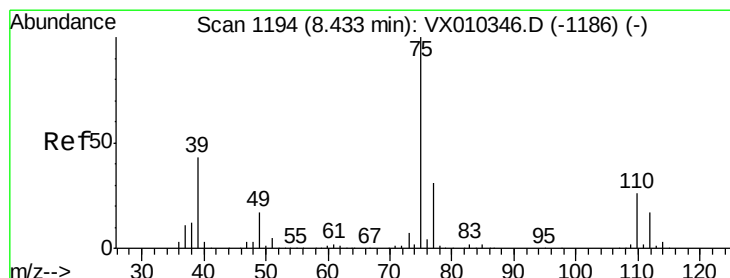
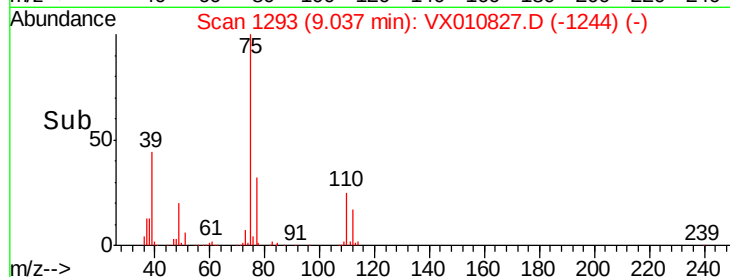
20000

10000

0

Time-->

9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 18.974 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

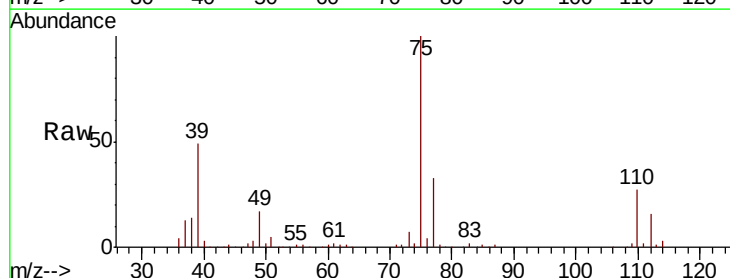
Tgt Ion: 75 Resp: 58197

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

39 48.8 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

8.43

40000

30000

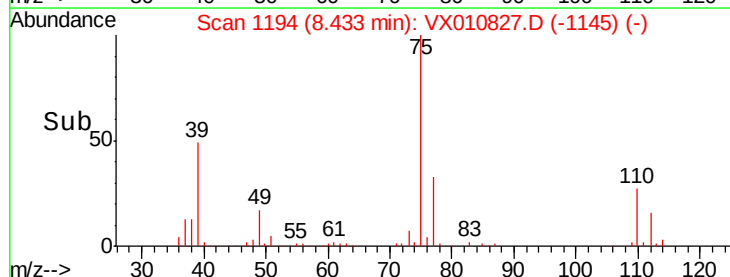
20000

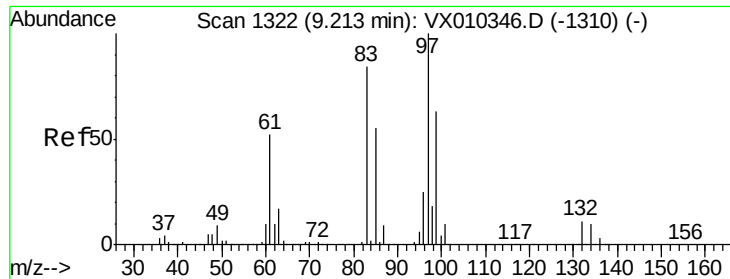
10000

0

Time-->

8.35 8.40 8.45 8.50 8.55

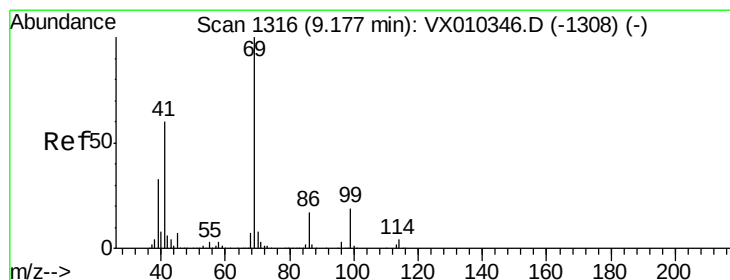
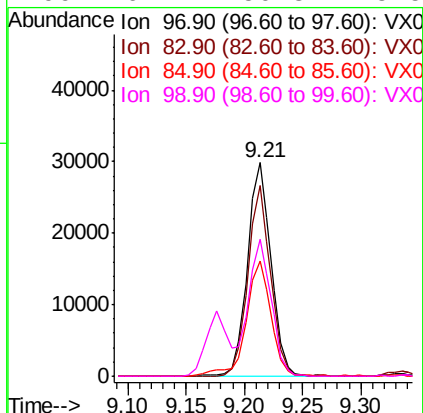
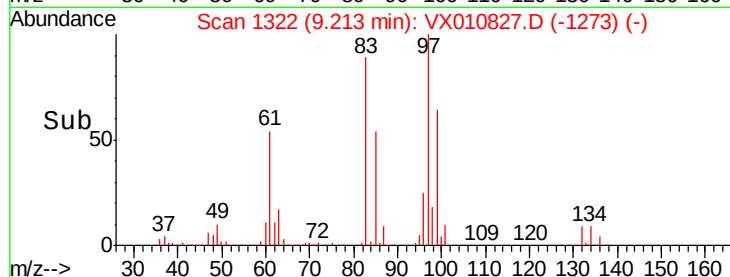
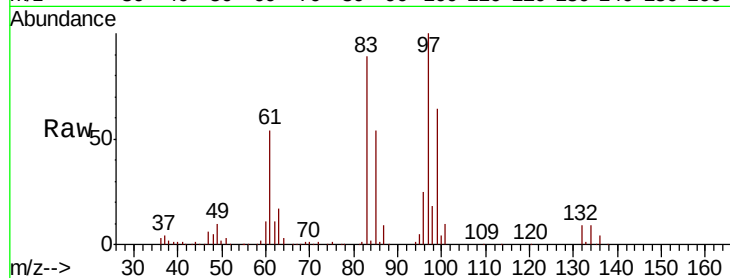




#55
 1,1,2-Trichloroethane
 Concen: 20.511 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

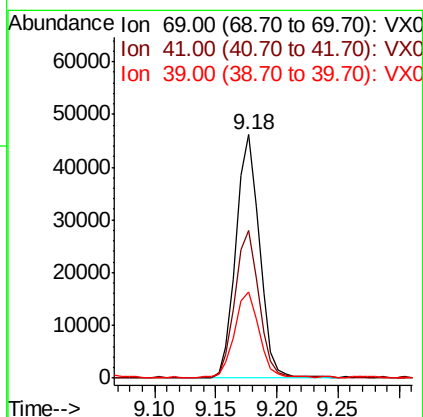
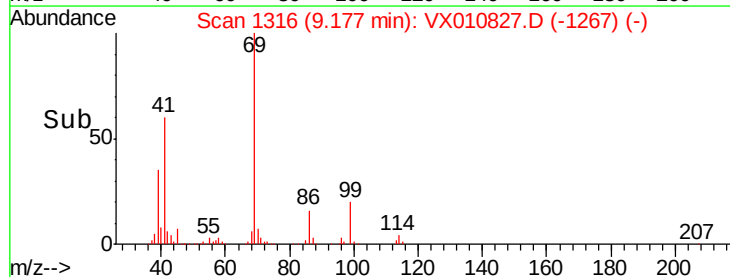
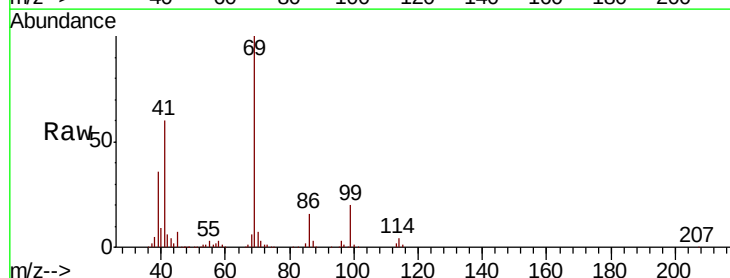
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

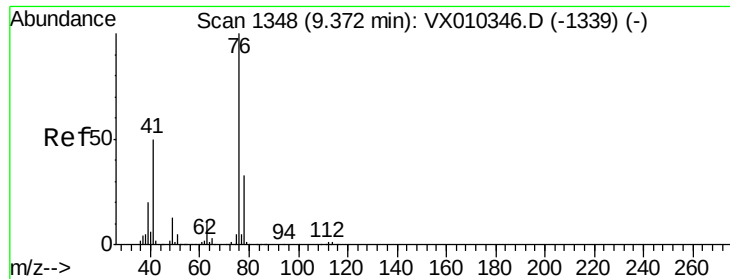
Tot Ion: 97 Resp: 42235
 Ion Ratio Lower Upper
 97 100
 83 89.4 67.4 101.0
 85 54.0 43.8 65.8
 99 64.1 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 19.734 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion: 69 Resp: 61557
 Ion Ratio Lower Upper
 69 100
 41 61.2 47.1 70.7
 39 36.6 26.6 40.0

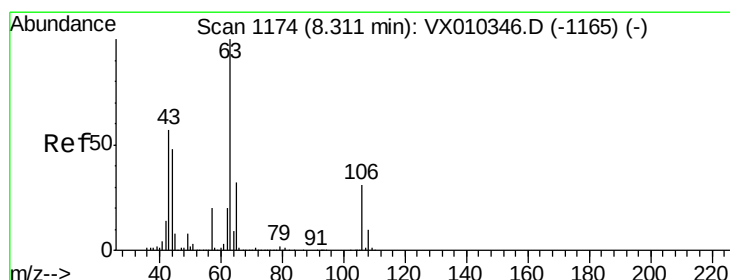
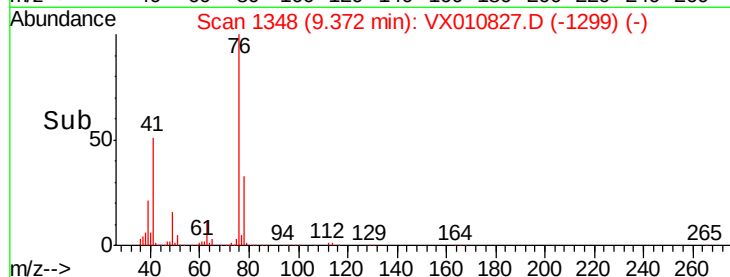
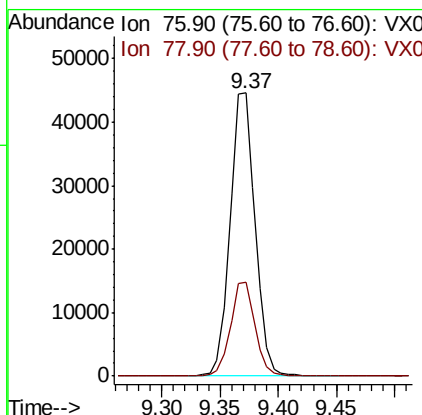
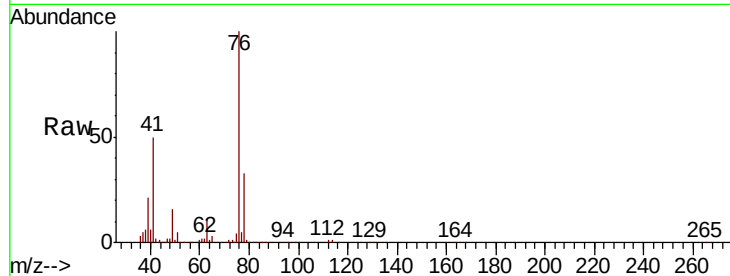




#57
 1,3-Dichloropropane
 Concen: 20.835 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

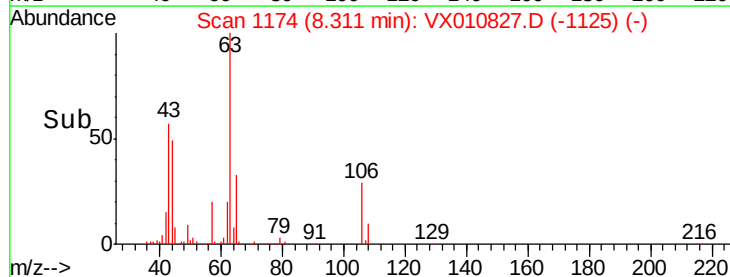
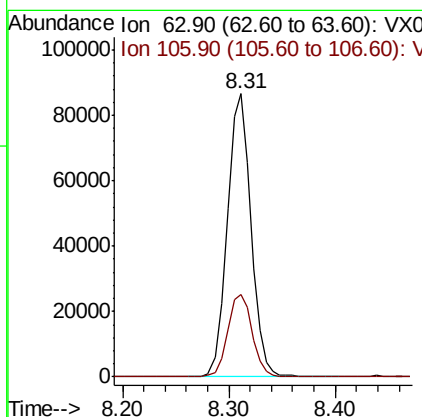
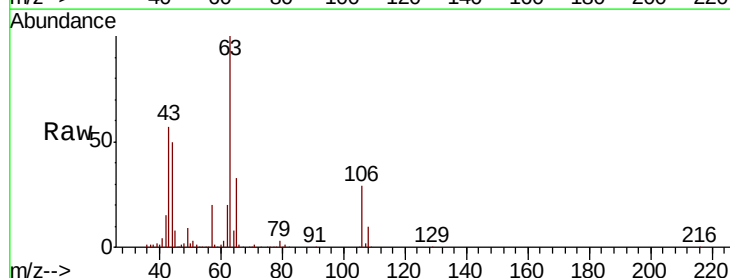
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

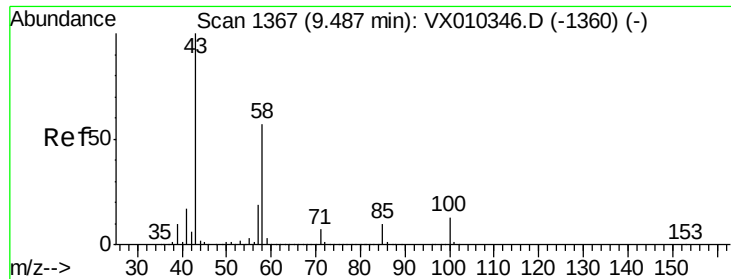
Tot Ion: 76 Resp: 66599
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.032 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion: 63 Resp: 134863
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.7 37.1

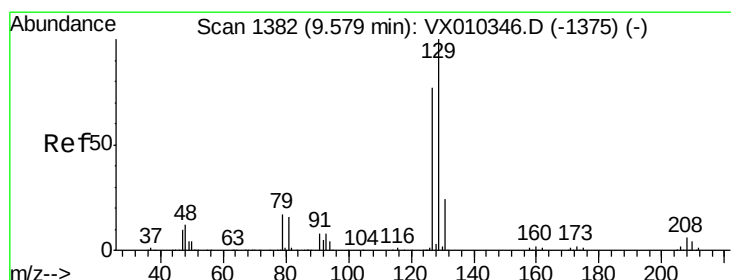
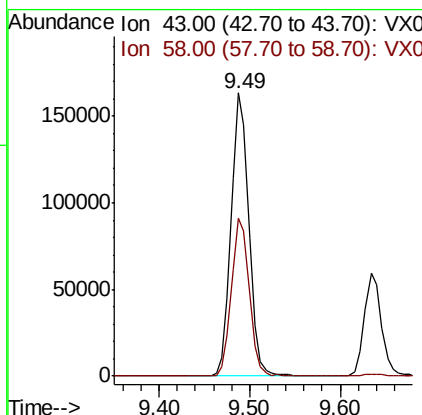
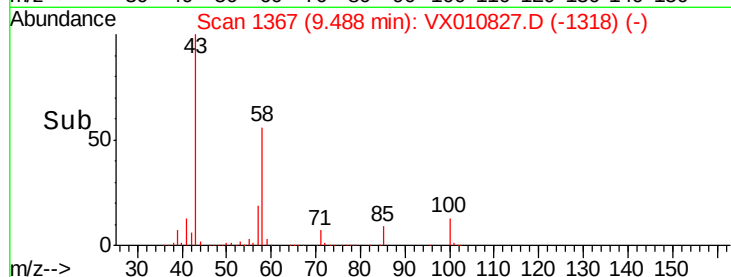
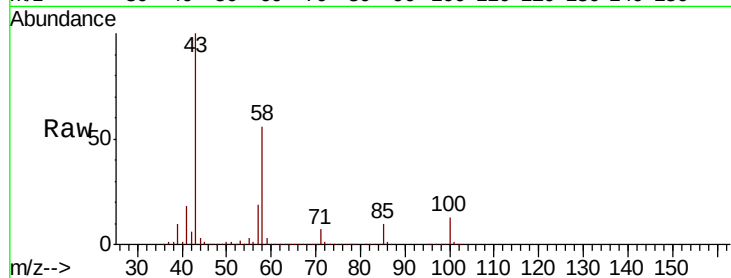




#59
2-Hexanone
Concen: 106.207 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

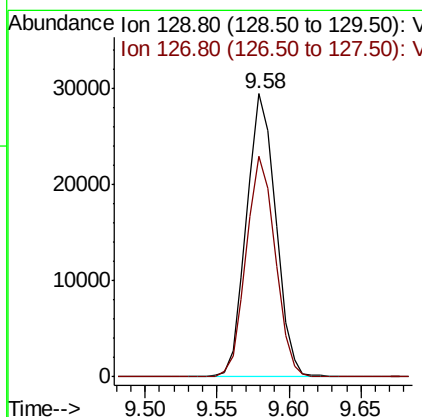
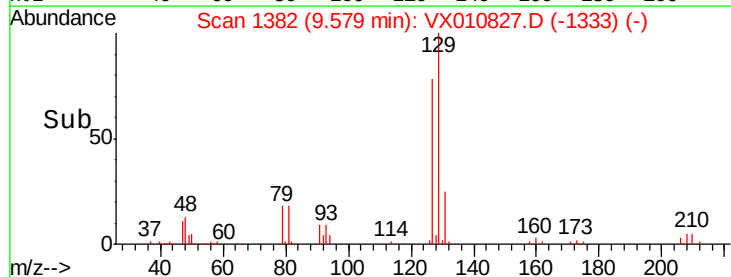
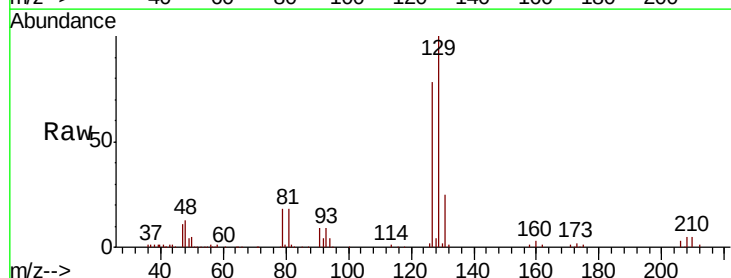
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

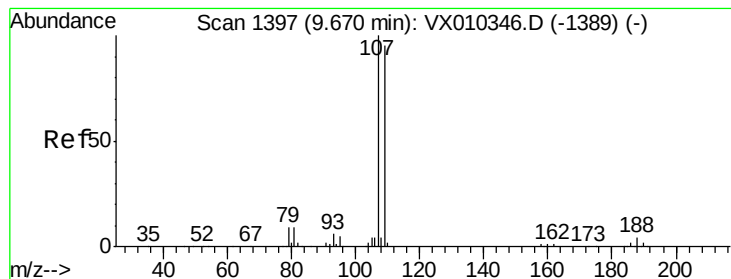
Tot Ion: 43 Resp: 221440
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1



#60
Dibromochloromethane
Concen: 17.942 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 129 Resp: 41368
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.098 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

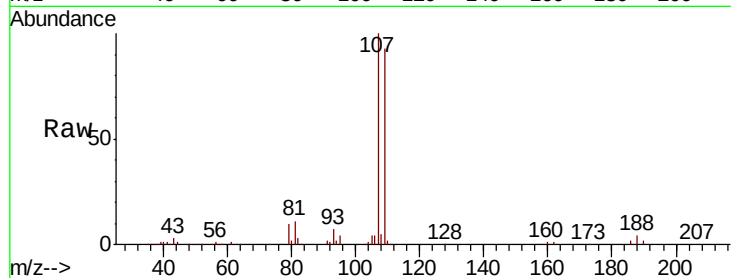
VX0712WBS02

Tot Ion:107 Resp: 44671

Ion Ratio Lower Upper

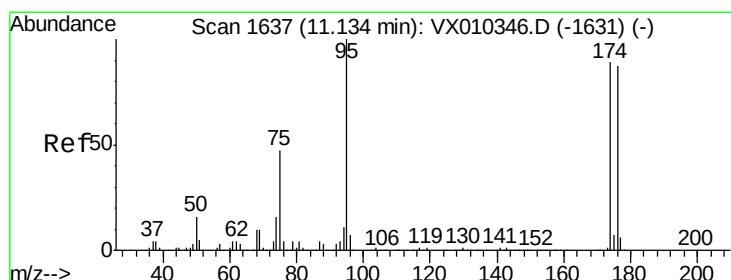
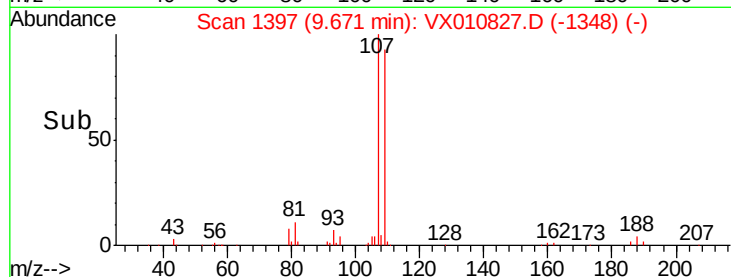
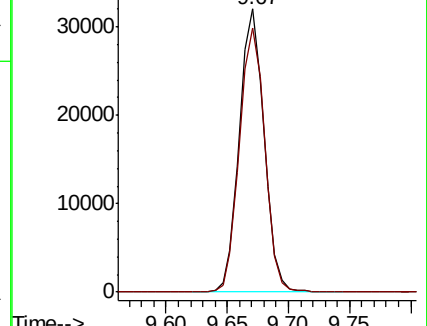
107 100

109 95.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.420 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

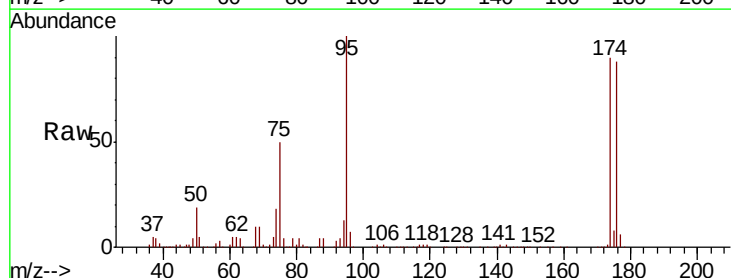
Tgt Ion: 95 Resp: 127900

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.6

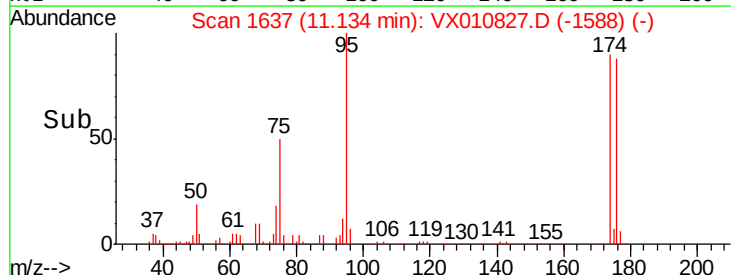
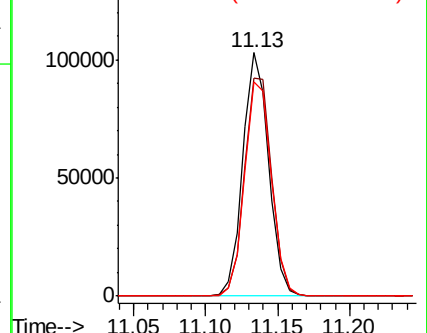
176 91.5 0.0 184.0

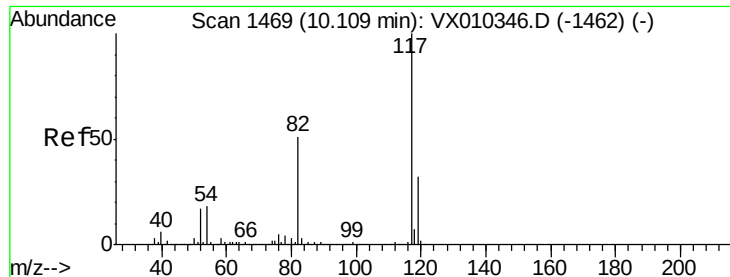


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

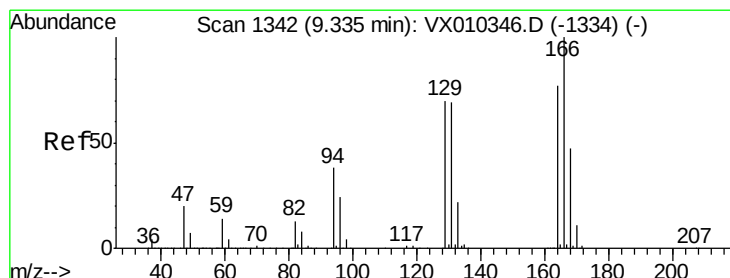
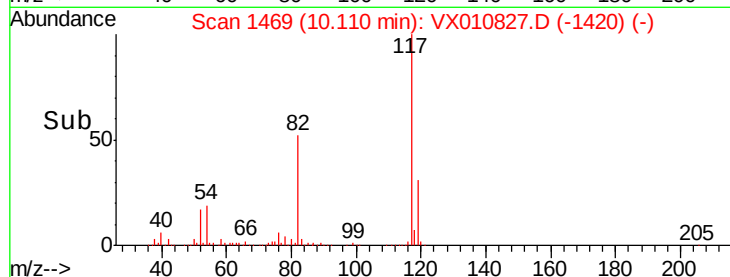
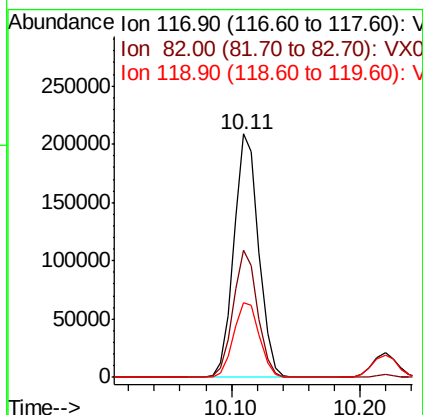
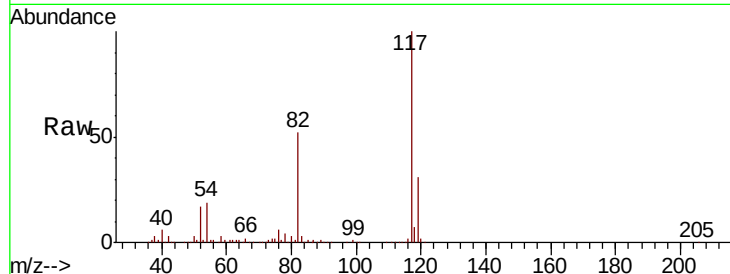




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

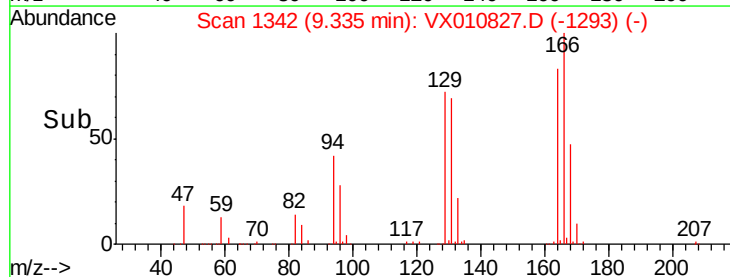
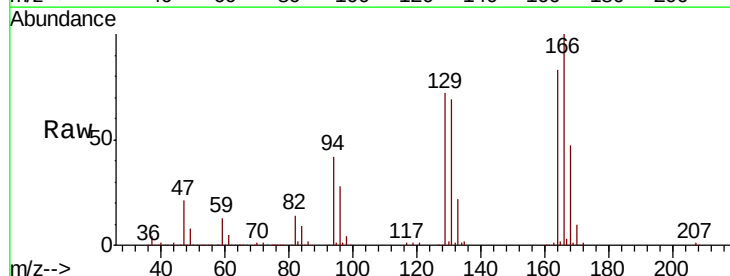
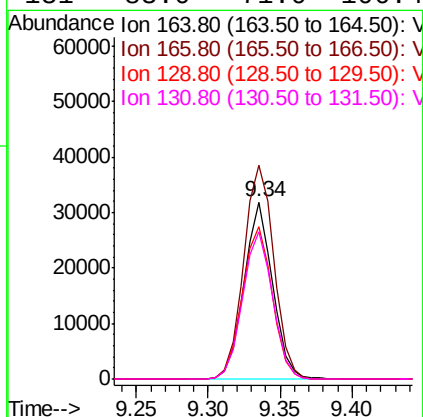
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

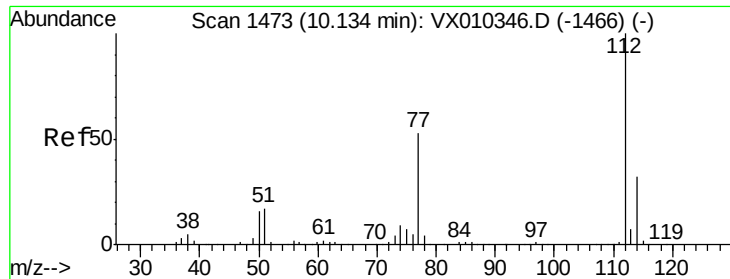
Tot Ion:117 Resp: 279583
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 19.197 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion:164 Resp: 43412
Ion Ratio Lower Upper
164 100
166 120.5 103.6 155.4
129 86.3 73.0 109.4
131 83.0 71.0 106.4

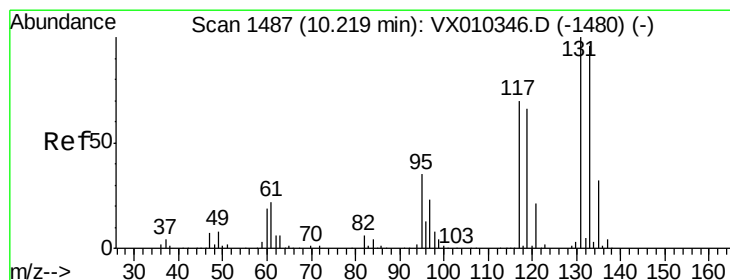
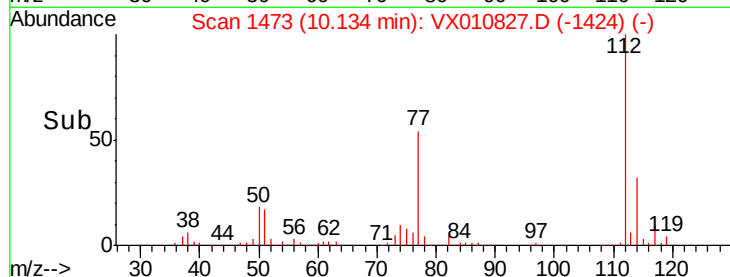
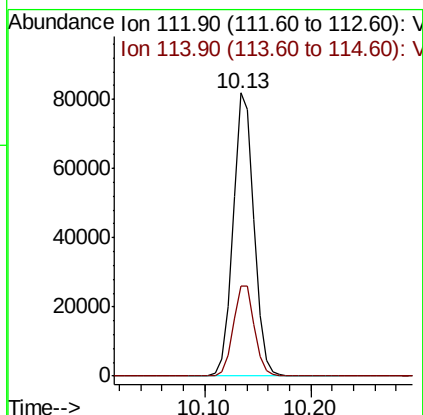
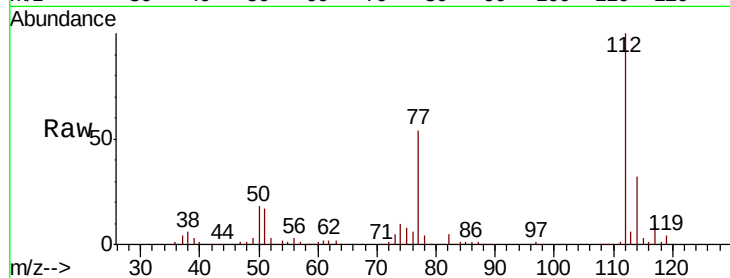




#65
Chlorobenzene
Concen: 19.773 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

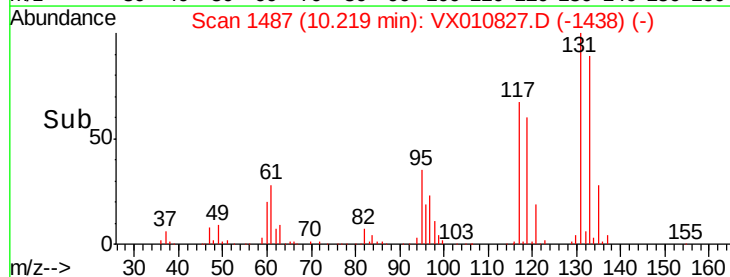
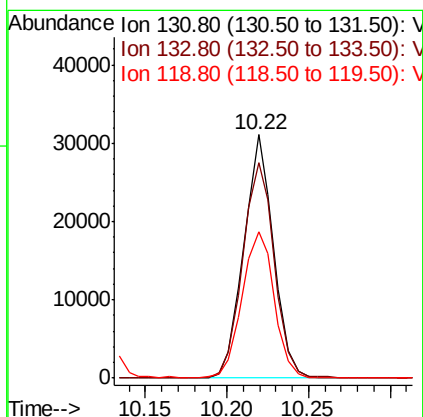
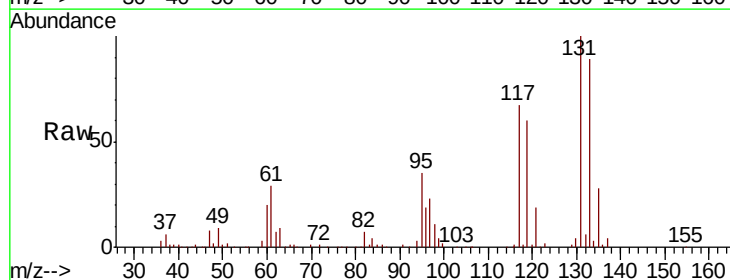
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

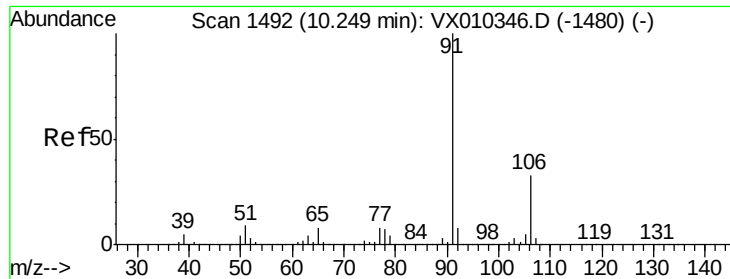
Tot Ion:112 Resp: 112233
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.088 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion:131 Resp: 39464
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 65.3 32.6 97.7

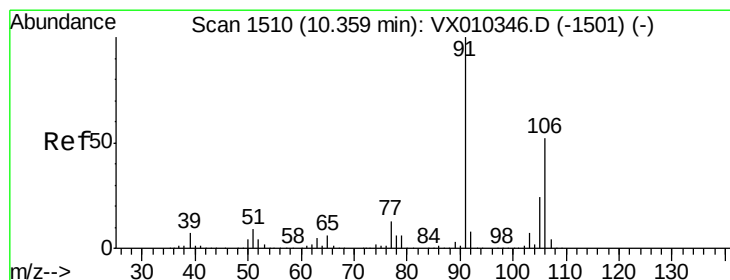
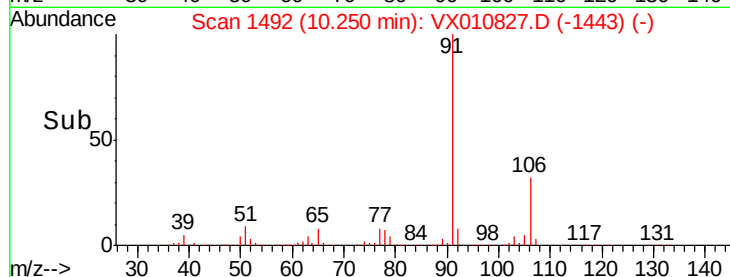
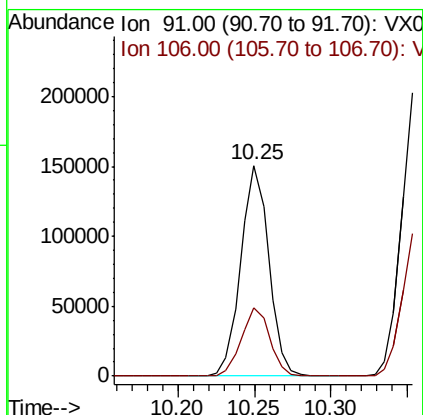
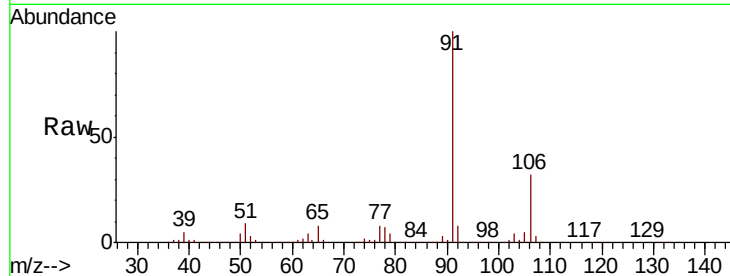




#67
Ethyl Benzene
Concen: 19.997 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

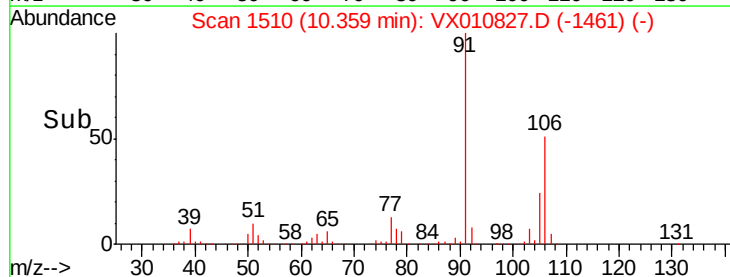
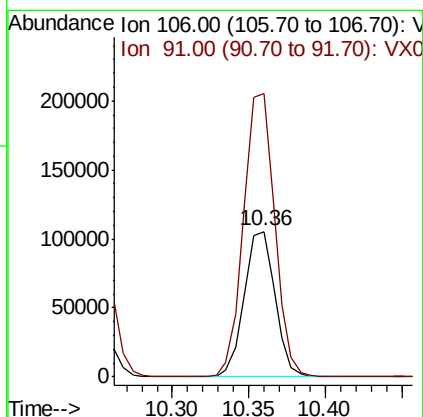
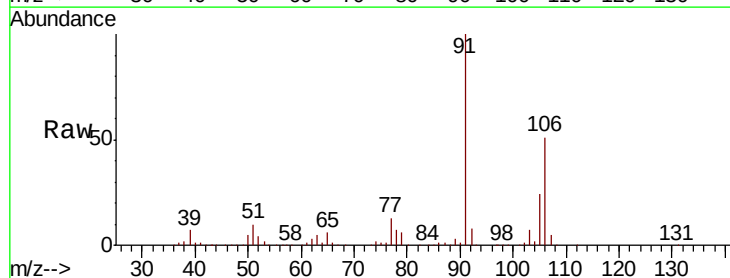
Instrument :
MSVOA_X
ClientSampled :
VX0712WBS02

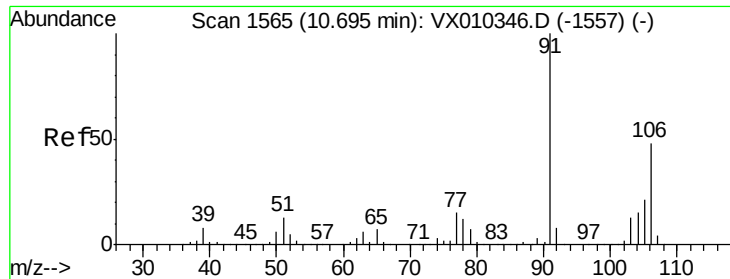
Tot Ion: 91 Resp: 191619
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 39.756 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 106 Resp: 147613
Ion Ratio Lower Upper
106 100
91 197.8 155.3 232.9

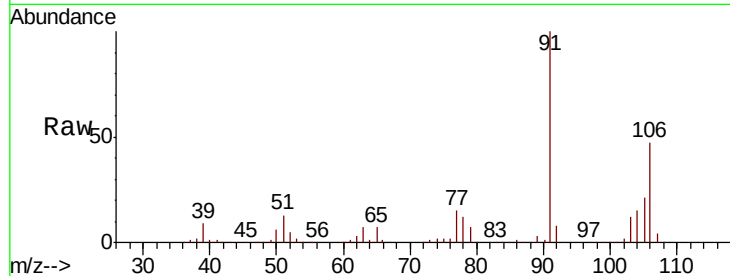




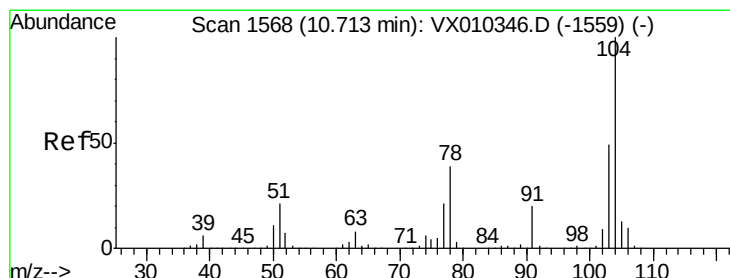
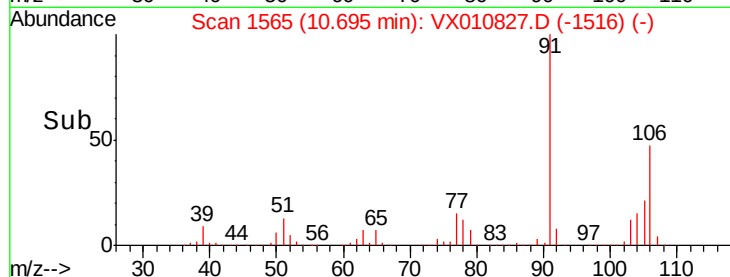
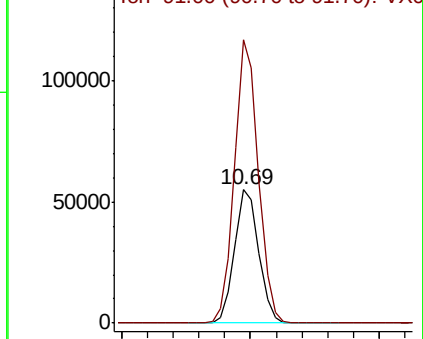
#69
o-Xylene
Concen: 19.811 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion:106 Resp: 72336
Ion Ratio Lower Upper
106 100
91 208.9 102.7 308.1

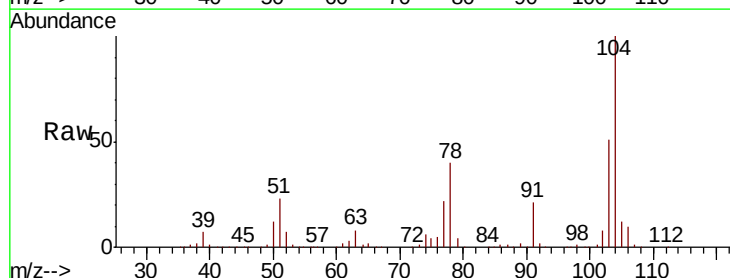


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

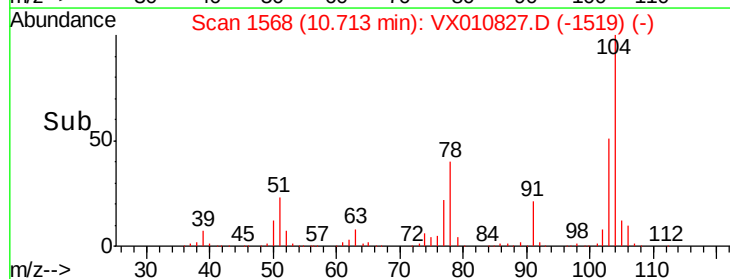
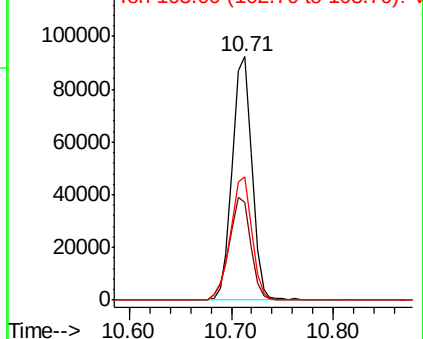


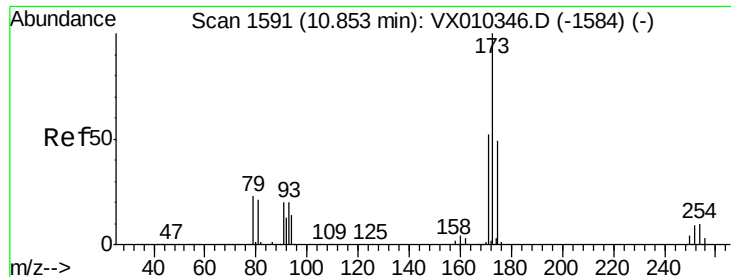
#70
Styrene
Concen: 20.023 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion:104 Resp: 122612
Ion Ratio Lower Upper
104 100
78 46.5 36.2 54.2
103 55.1 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: 16.693 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

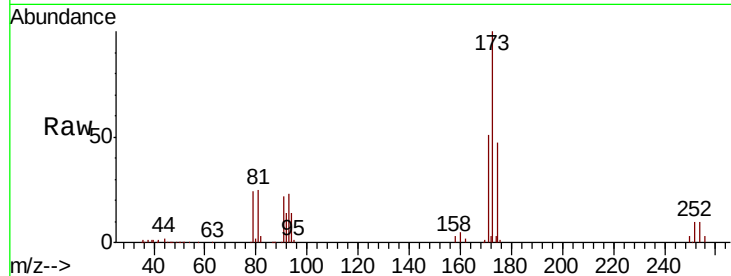
Tot Ion:173 Resp: 30013

Ion Ratio Lower Upper

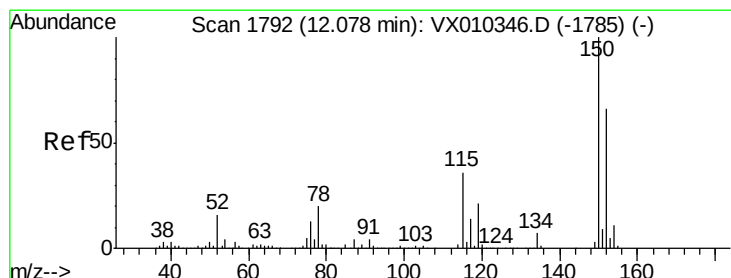
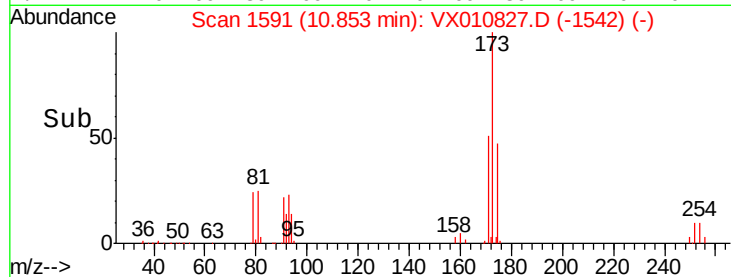
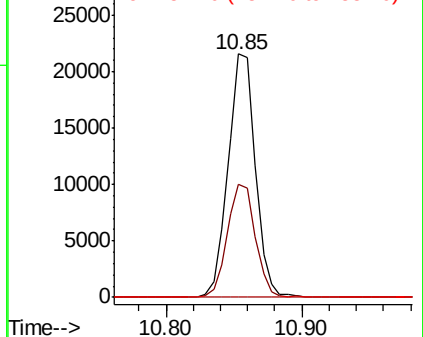
173 100

175 47.6 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: VX010827.D

Acq: 12 Jul 2019 11:45

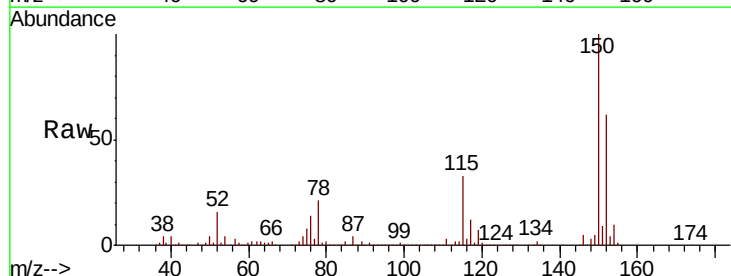
Tgt Ion:152 Resp: 143200

Ion Ratio Lower Upper

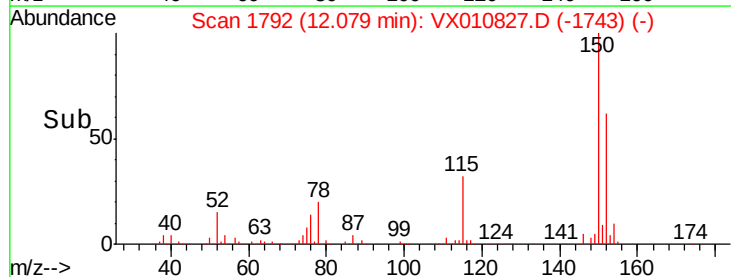
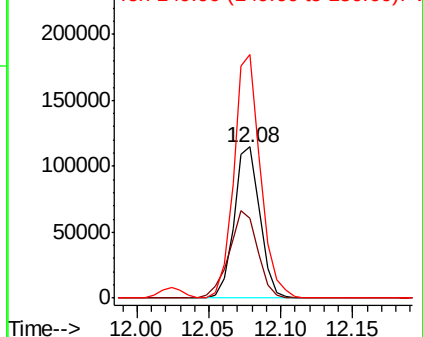
152 100

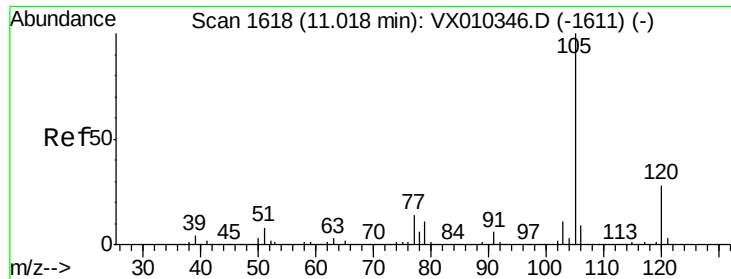
115 64.6 38.6 115.7

150 165.7 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: 20.294 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

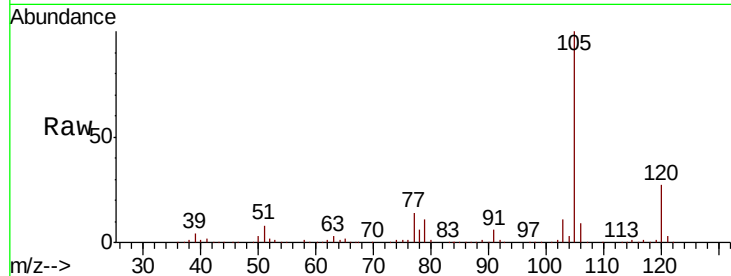
VX0712WBS02

Tot Ion:105 Resp: 197000

Ion Ratio Lower Upper

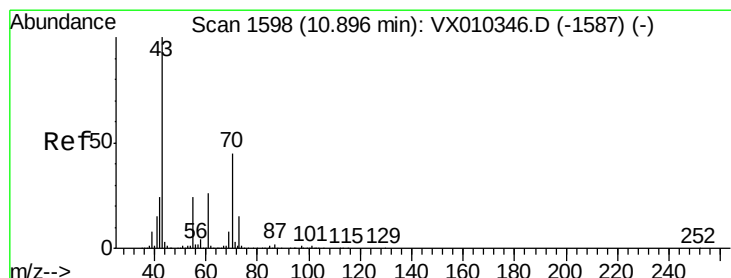
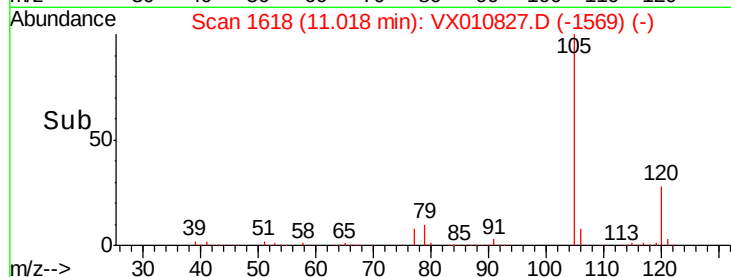
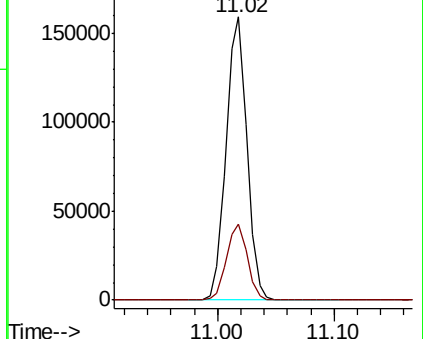
105 100

120 27.1 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: 20.537 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Tgt Ion: 43 Resp: 75341

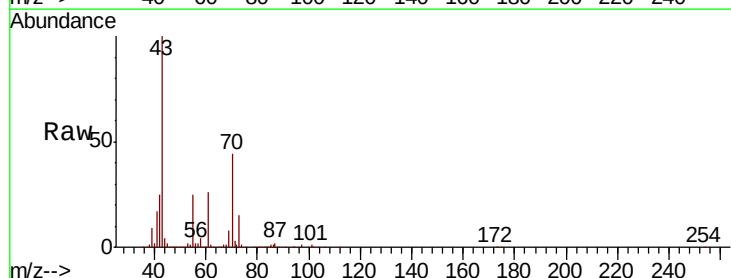
Ion Ratio Lower Upper

43 100

70 43.1 36.6 54.8

55 24.7 18.7 28.1

61 24.6 20.6 31.0

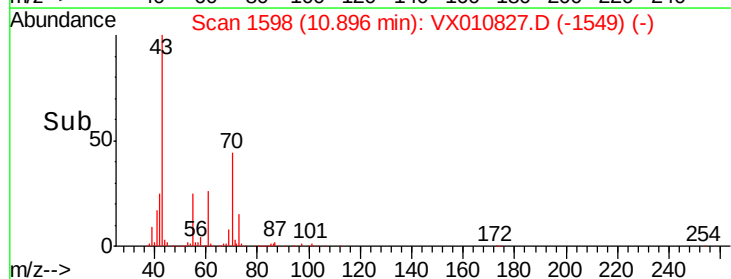
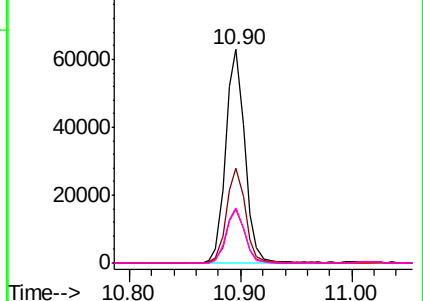


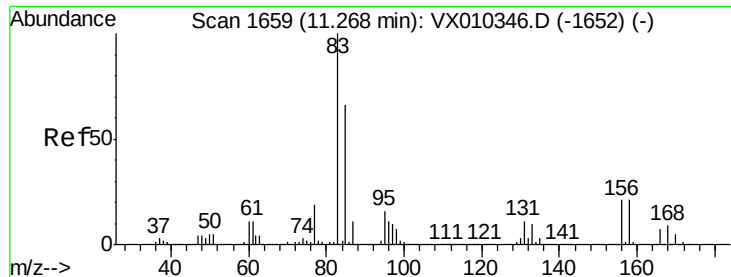
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.156 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

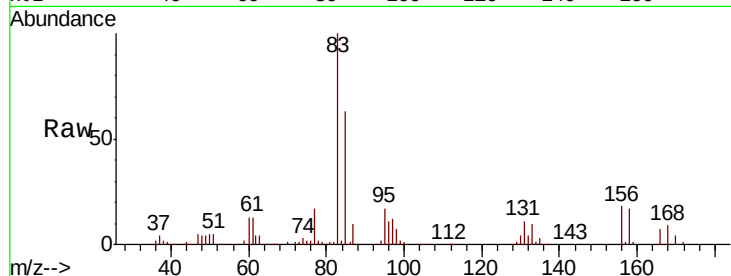
Tot Ion: 83 Resp: 64796

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

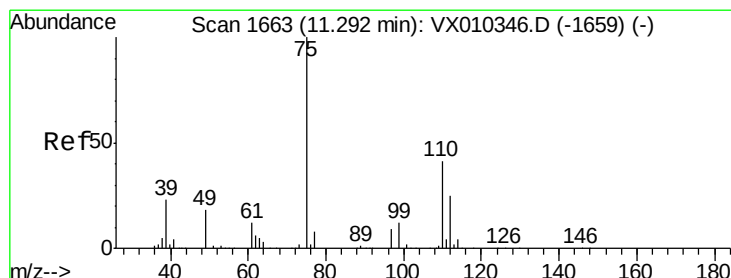
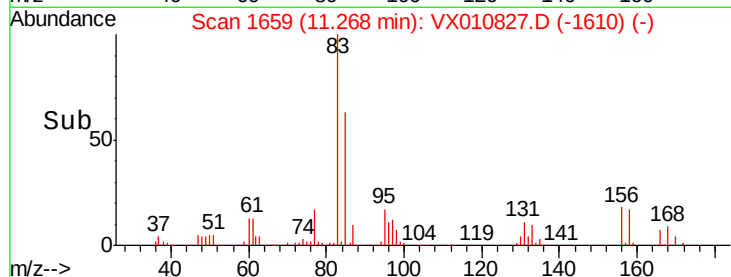
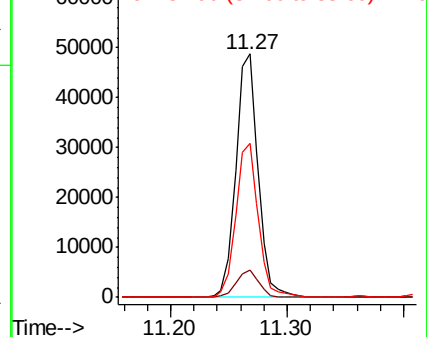
85 63.9 32.3 96.8



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: 25.737 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010827.D

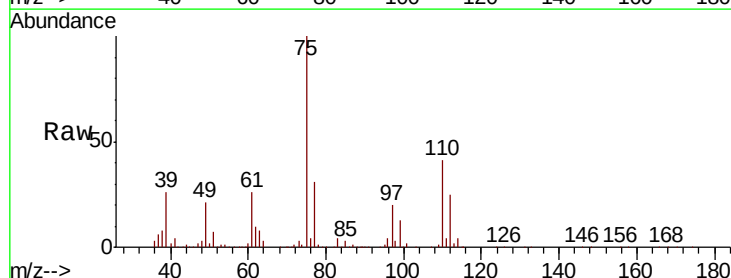
Acq: 12 Jul 2019 11:45

Tgt Ion: 75 Resp: 67160

Ion Ratio Lower Upper

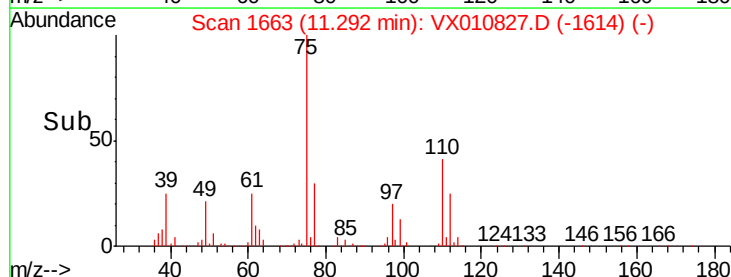
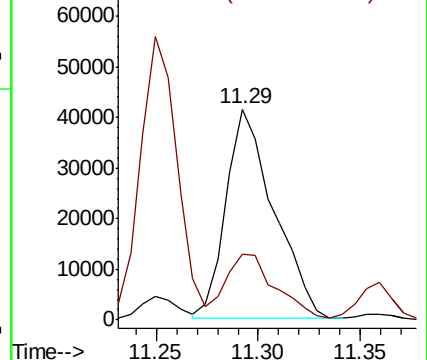
75 100

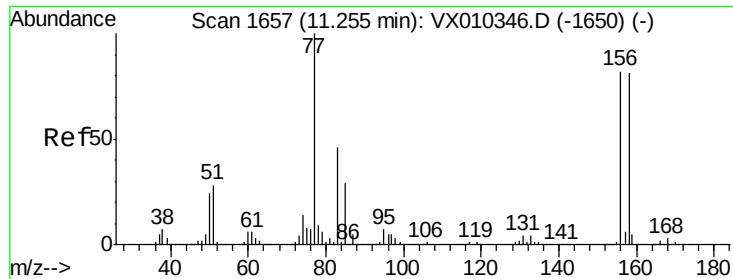
77 32.8 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.319 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

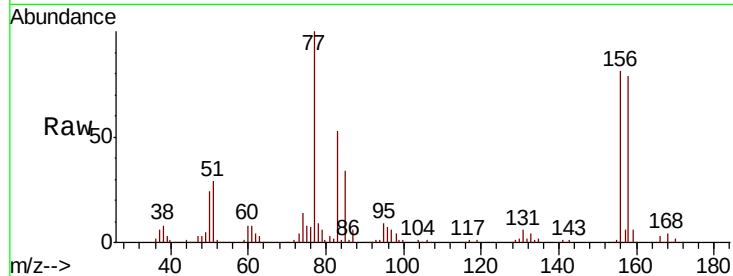
Tot Ion:156 Resp: 52364

Ion Ratio Lower Upper

156 100

77 134.9 66.3 198.7

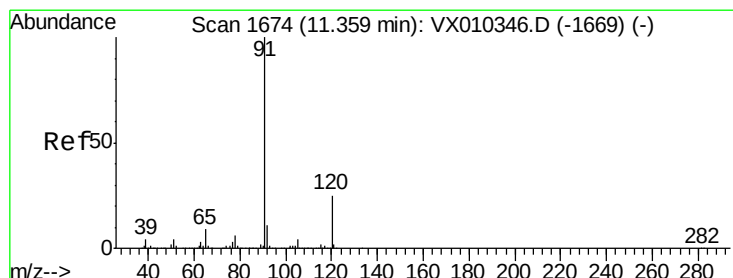
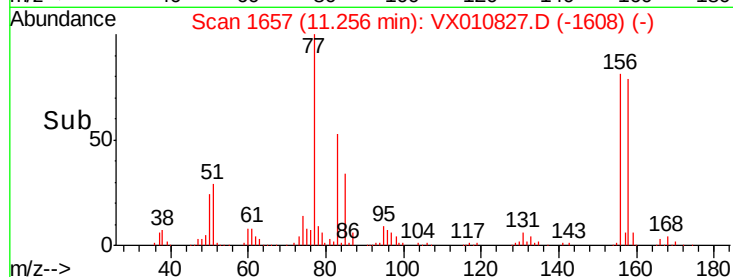
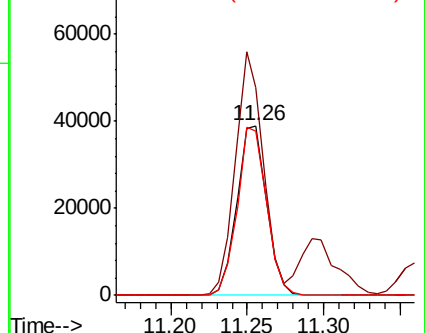
158 97.7 48.9 146.7



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: 20.083 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010827.D

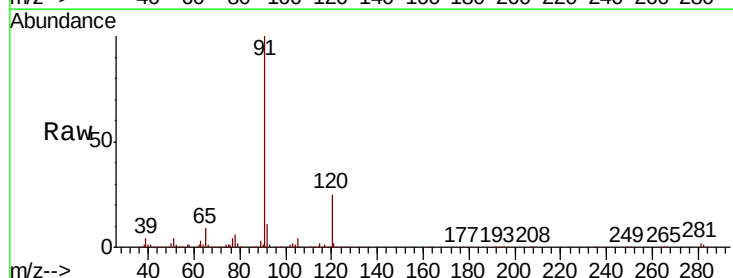
Acq: 12 Jul 2019 11:45

Tgt Ion: 91 Resp: 214260

Ion Ratio Lower Upper

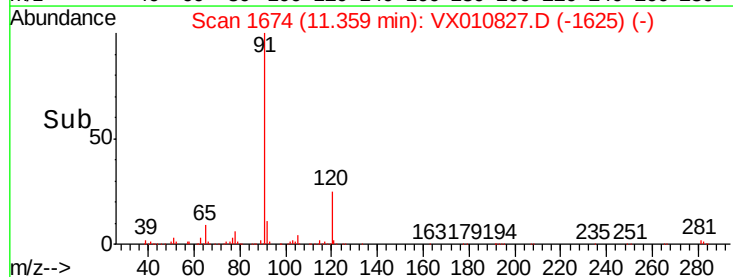
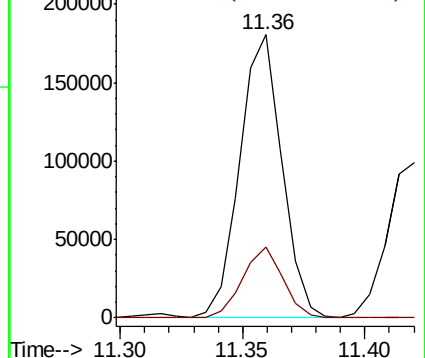
91 100

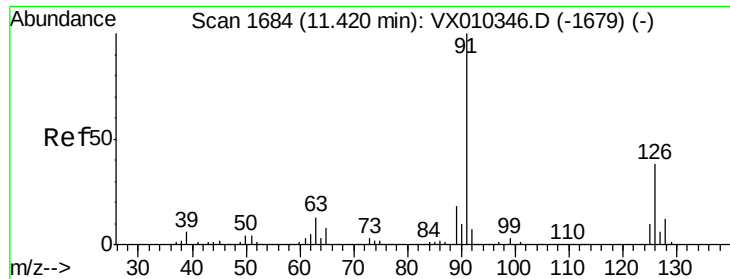
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

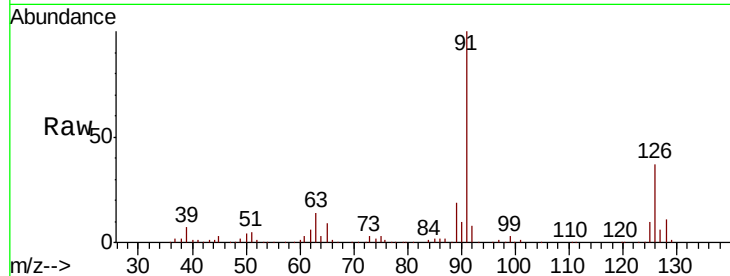




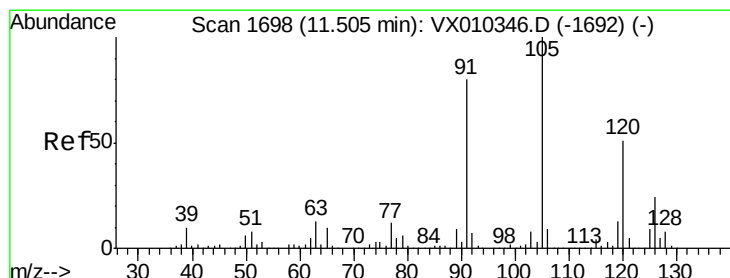
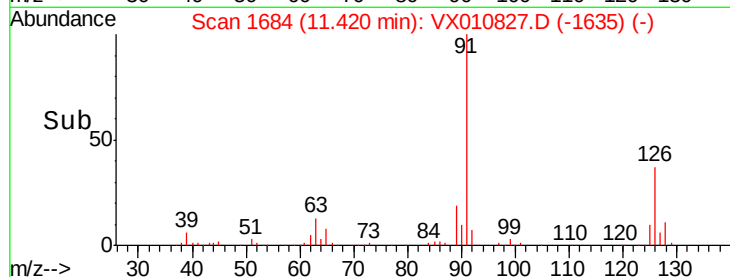
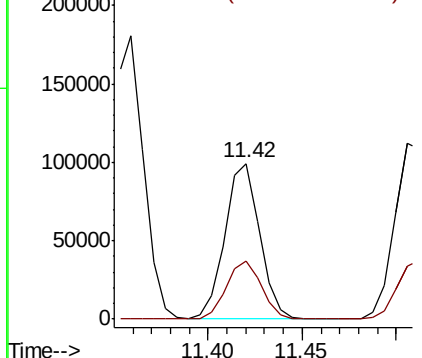
#79
 2-Chlorotoluene
 Concen: 19.841 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion: 91 Resp: 126047
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.7 56.1

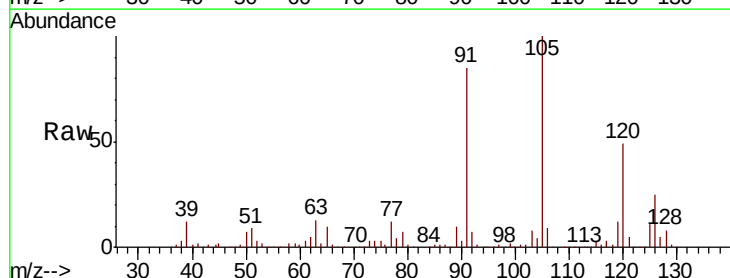


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

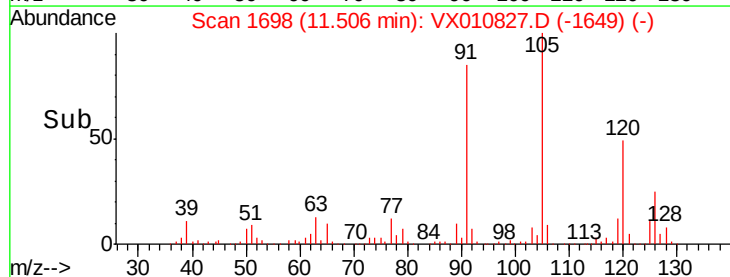
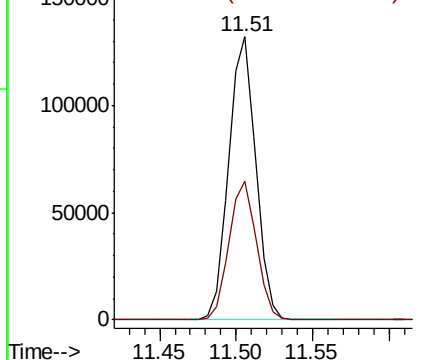


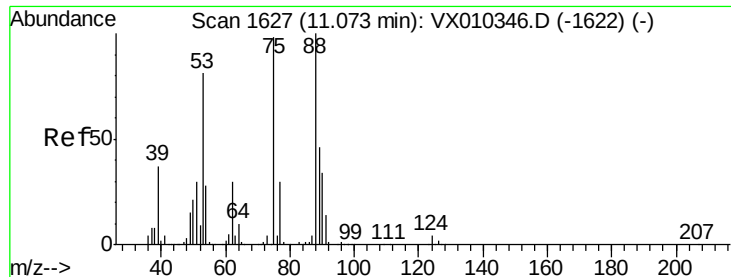
#80
 1,3,5-Trimethylbenzene
 Concen: 20.195 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion: 105 Resp: 161610
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

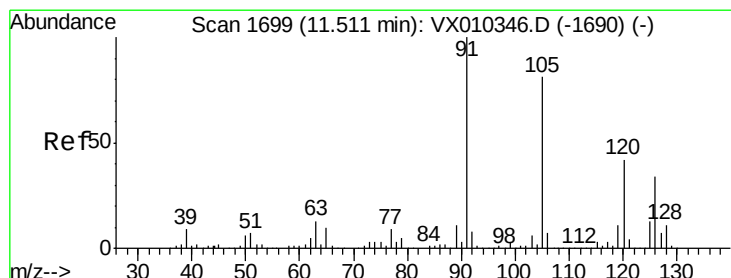
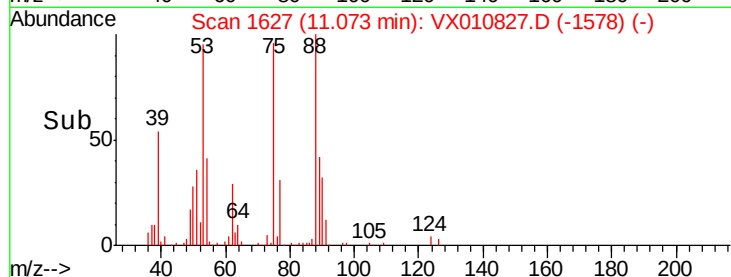
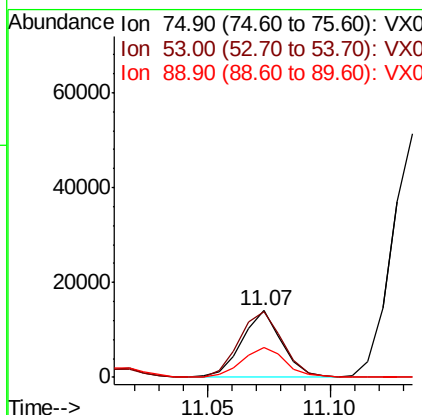
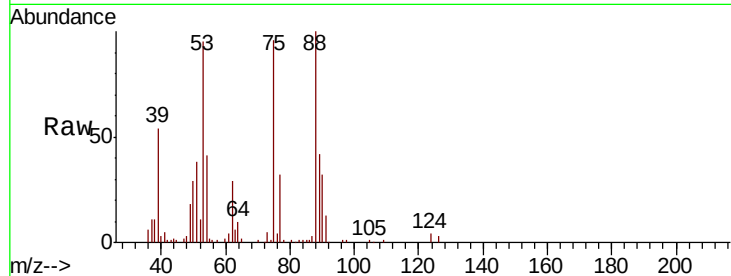




#81
trans-1,4-Dichloro-2-butene
Concen: 14.116 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

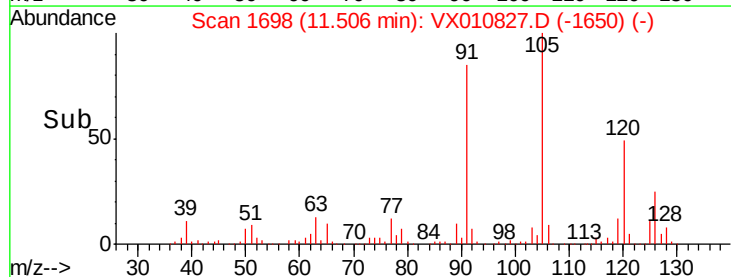
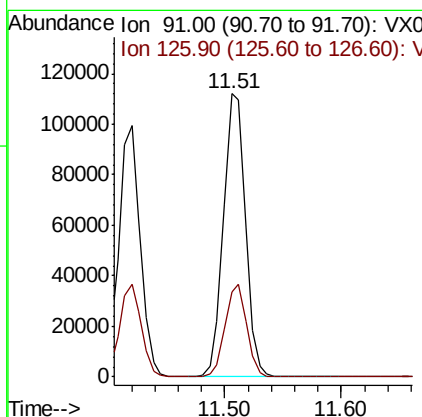
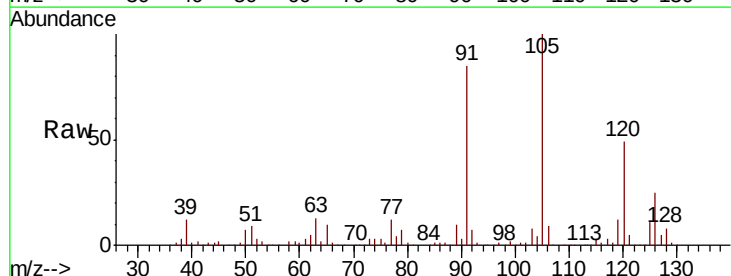
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

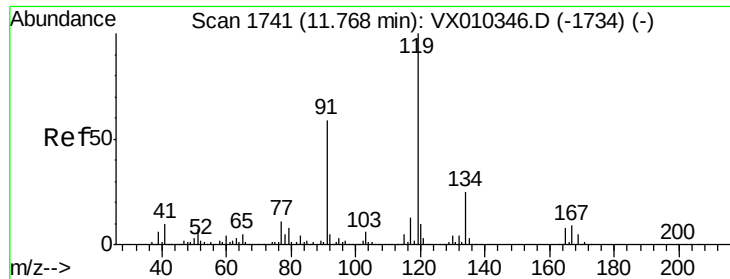
Tot Ion: 75 Resp: 15790
Ion Ratio Lower Upper
75 100
53 108.6 66.1 99.1#
89 49.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 20.259 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 91 Resp: 146450
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6

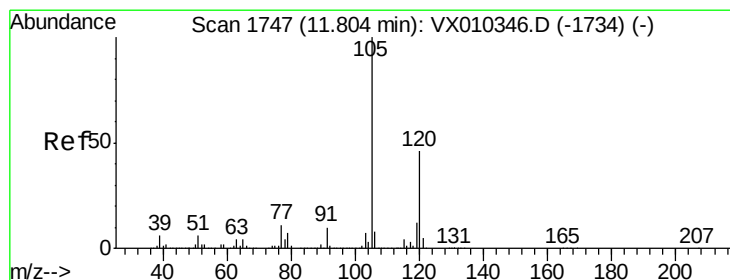
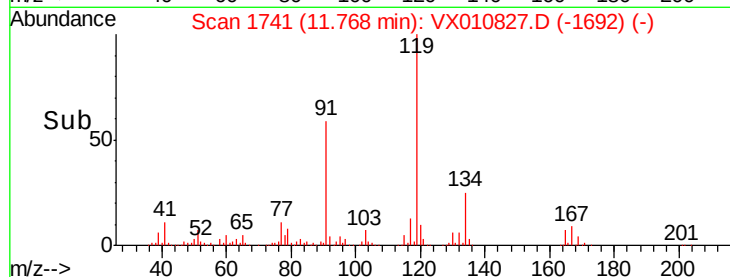
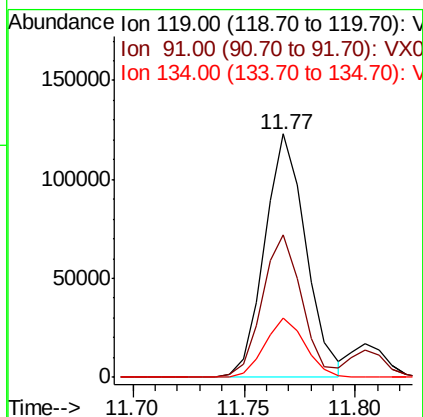
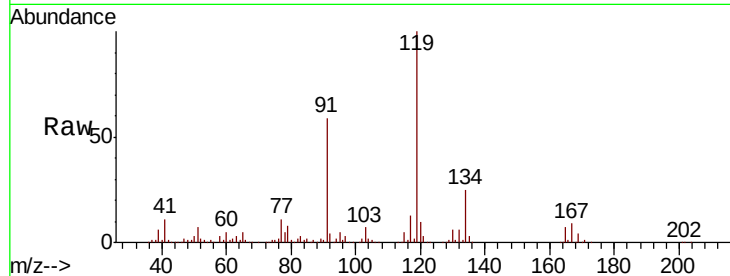




#83
 tert-Butylbenzene
 Concen: 19.667 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

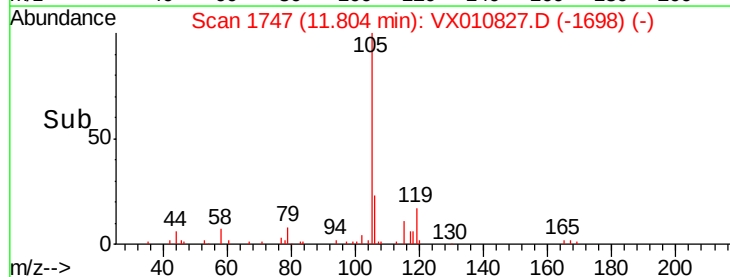
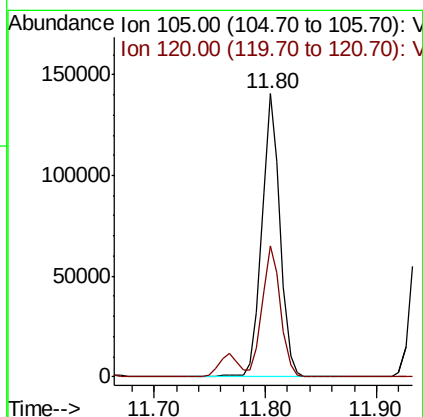
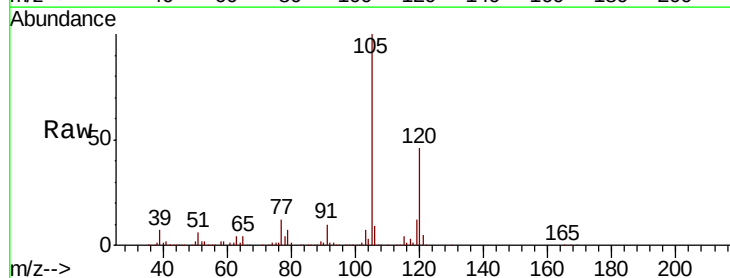
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

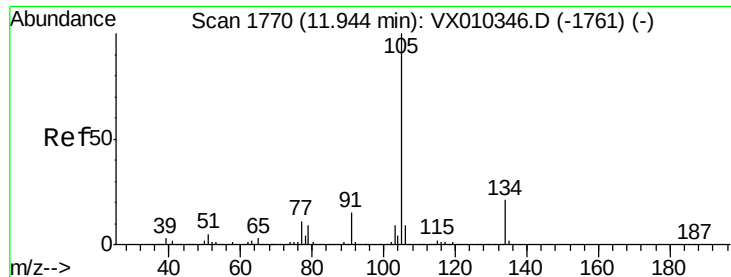
Tot Ion:119 Resp: 157965
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.6 82.7
 134 24.2 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.078 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion:105 Resp: 161429
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.023 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

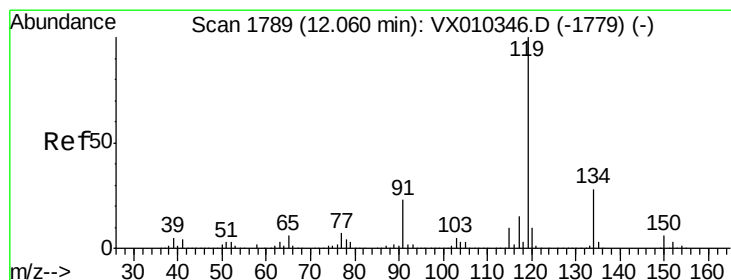
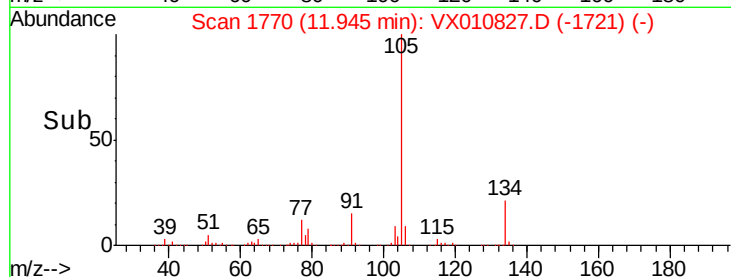
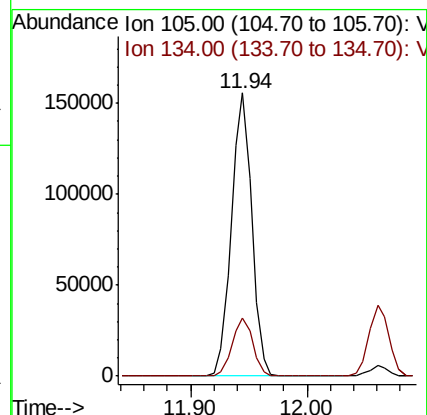
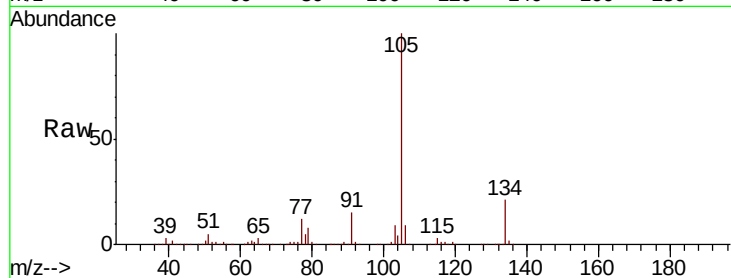
VX0712WBS02

Tot Ion:105 Resp: 188830

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.900 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

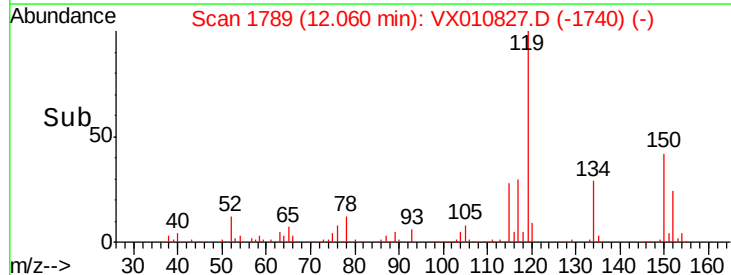
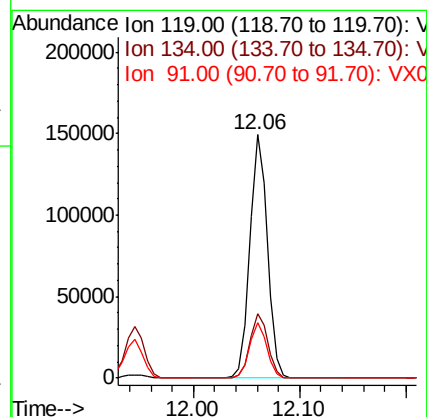
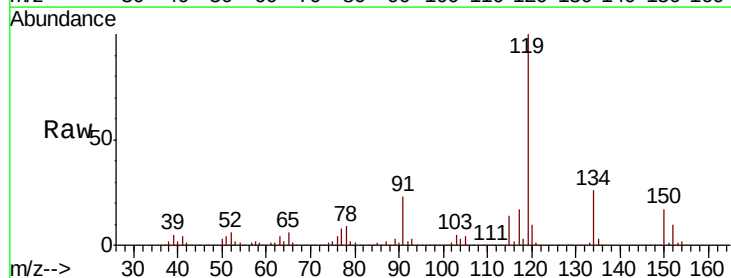
Tgt Ion:119 Resp: 173591

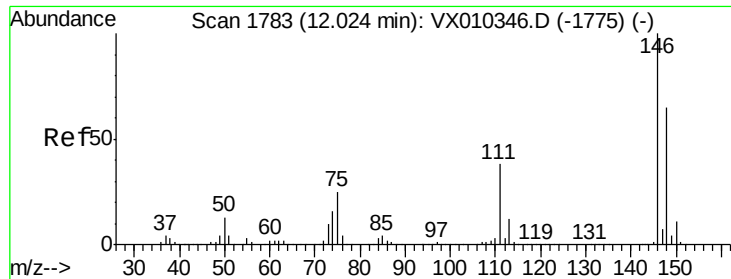
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 22.7 11.3 33.8

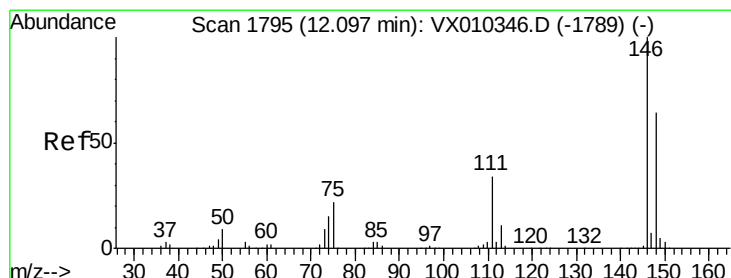
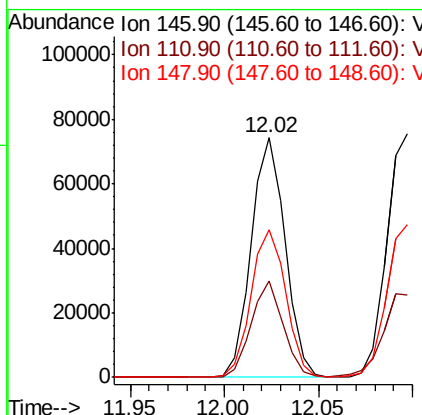
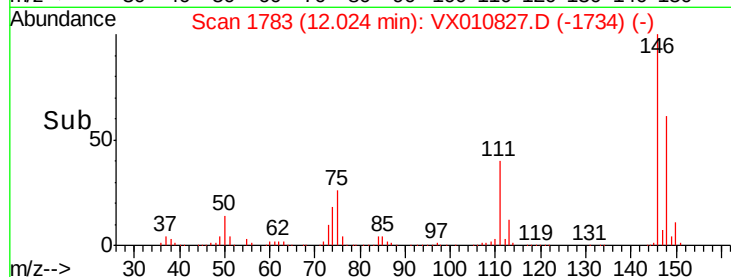
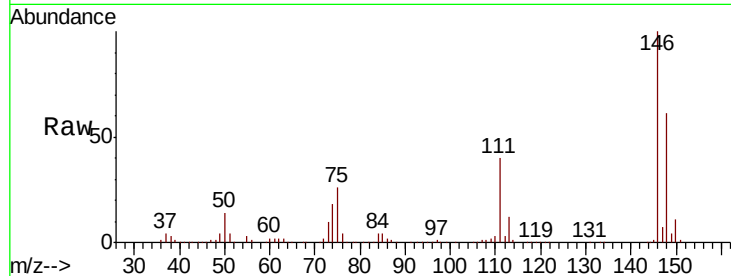




#87
 1,3-Dichlorobenzene
 Concen: 19.581 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

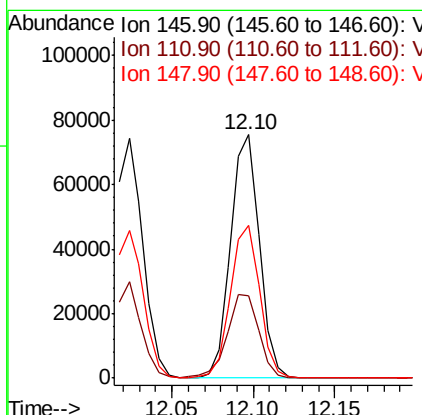
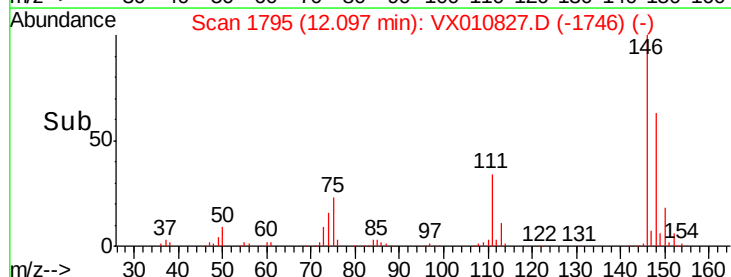
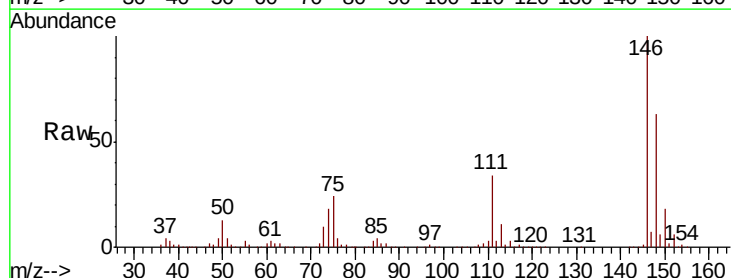
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

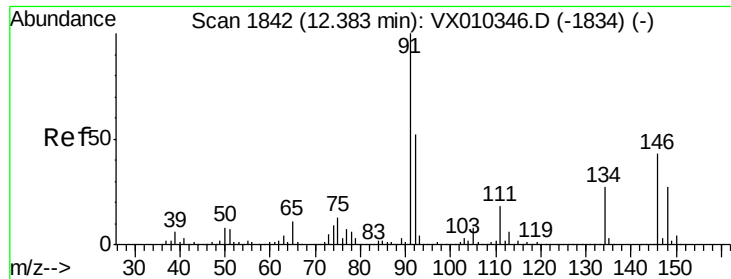
Tot Ion:146 Resp: 92644
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 62.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.122 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion:146 Resp: 92109
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.1 54.3
 148 63.8 32.1 96.3





#89

n-Butylbenzene

Concen: 19.827 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

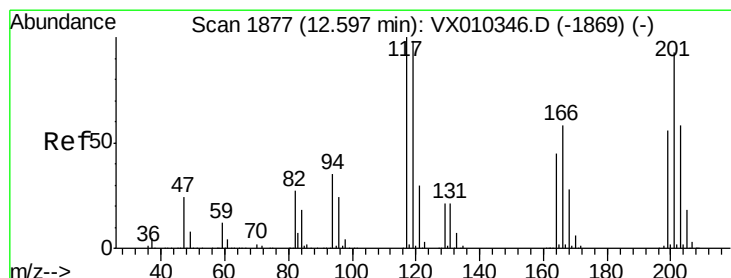
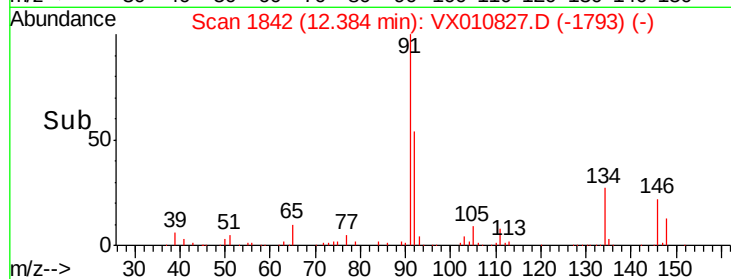
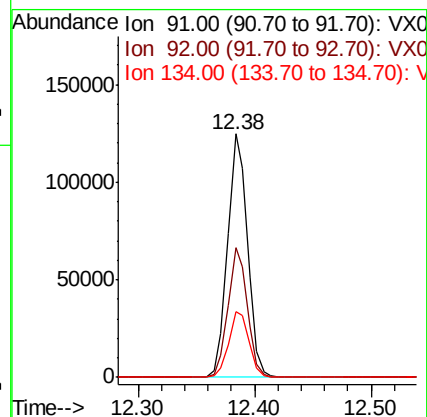
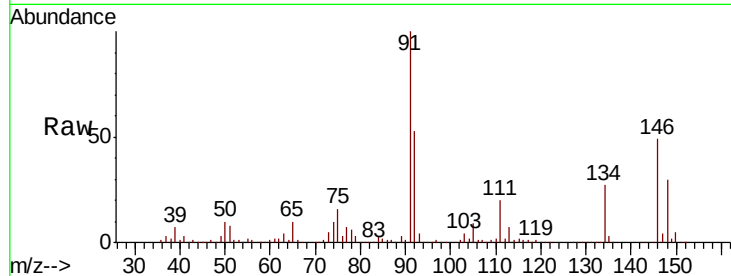
Tot Ion: 91 Resp: 146965

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

134 27.6 14.1 42.4



#90

Hexachloroethane

Concen: 16.519 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010827.D

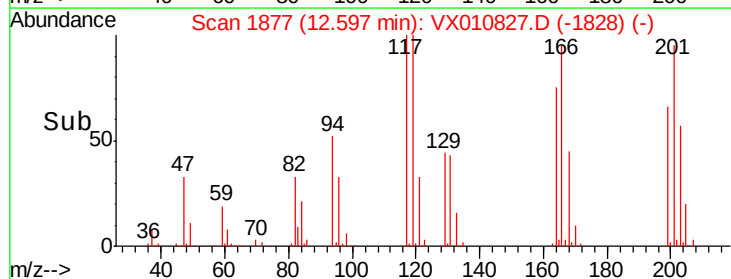
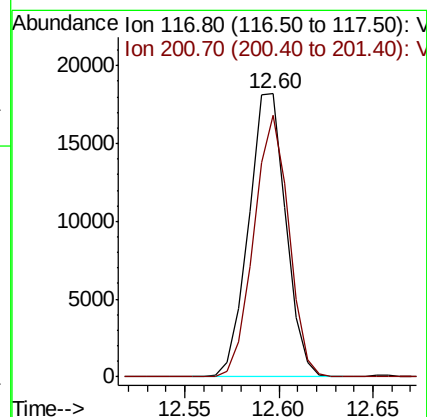
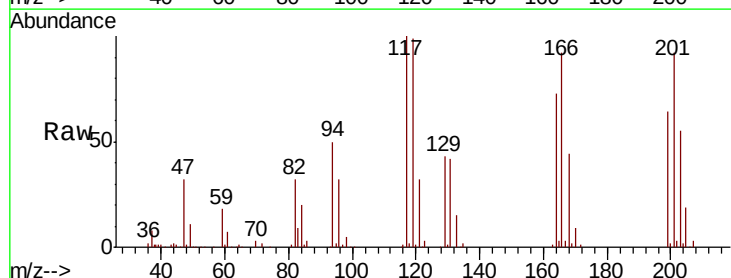
Acq: 12 Jul 2019 11:45

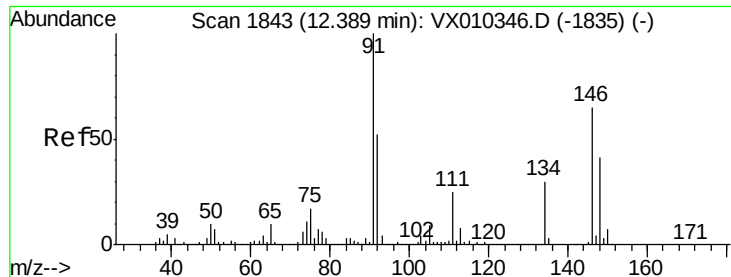
Tgt Ion: 117 Resp: 24916

Ion Ratio Lower Upper

117 100

201 86.6 44.0 131.8

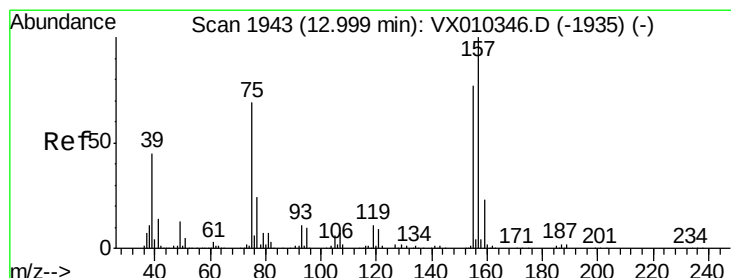
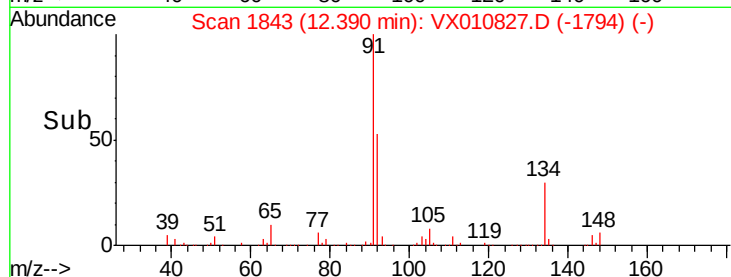
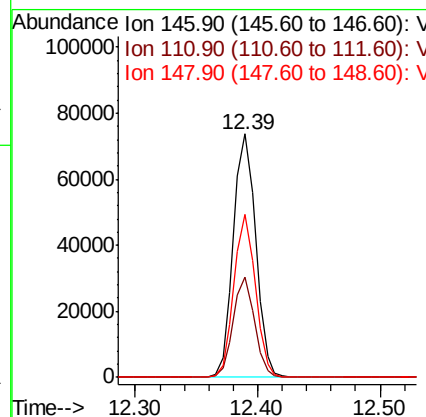
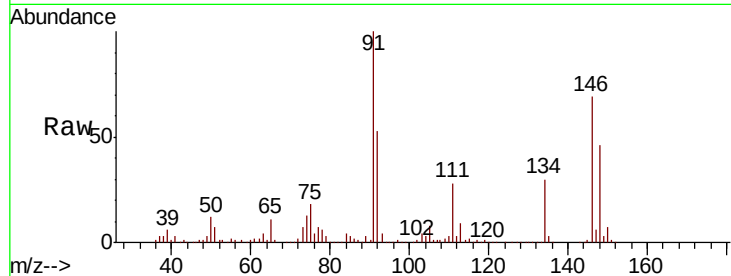




#91
 1,2-Dichlorobenzene
 Concen: 19.836 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

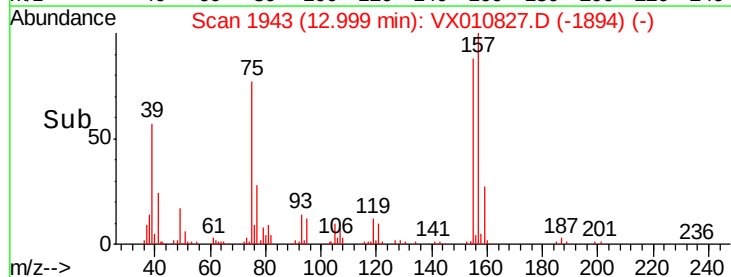
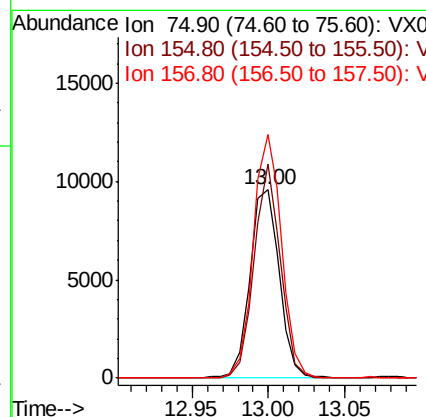
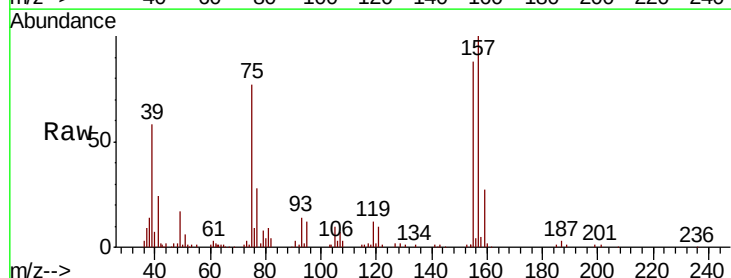
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

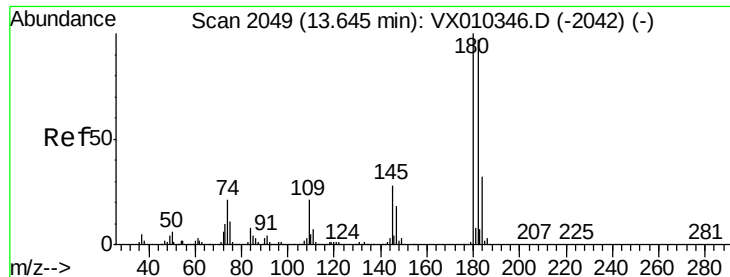
Tot Ion:146 Resp: 93279
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.2 57.6
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.382 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion: 75 Resp: 12741
 Ion Ratio Lower Upper
 75 100
 155 100.9 54.4 163.1
 157 124.0 69.5 208.3

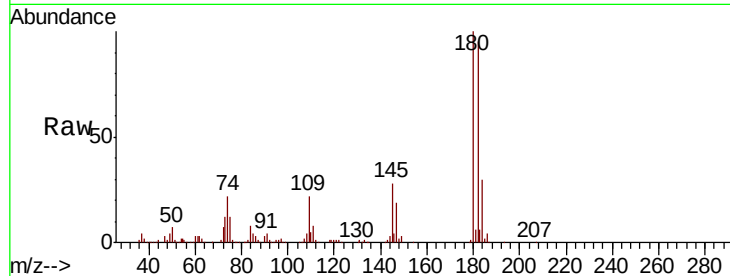




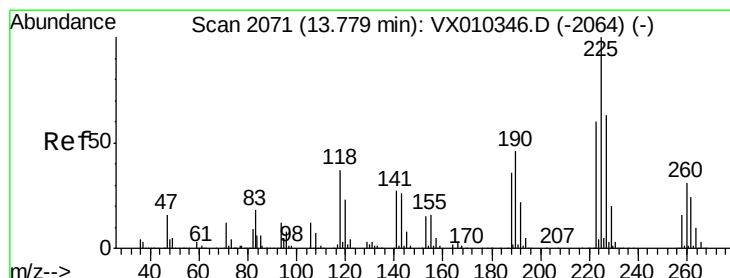
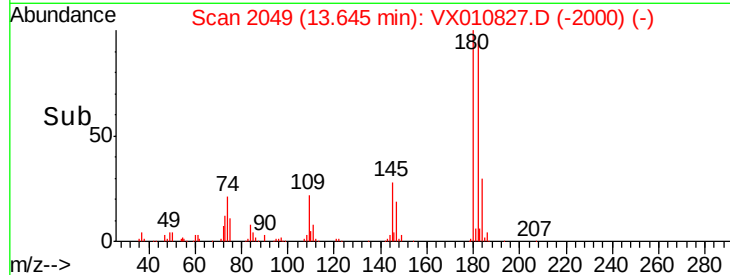
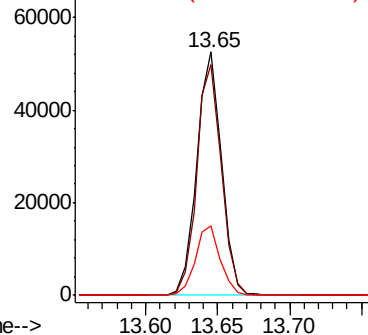
#93
 1,2,4-Trichlorobenzene
 Concen: 19.359 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion:180 Resp: 63129
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.0 144.0
 145 28.7 14.4 43.4

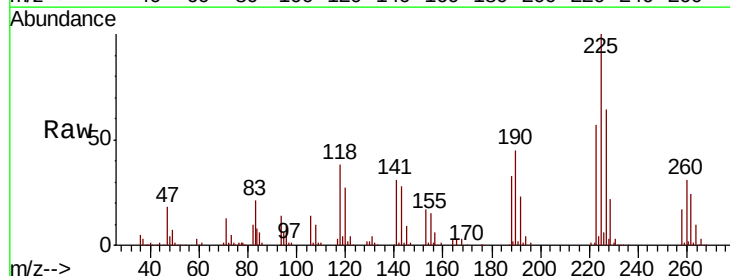


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

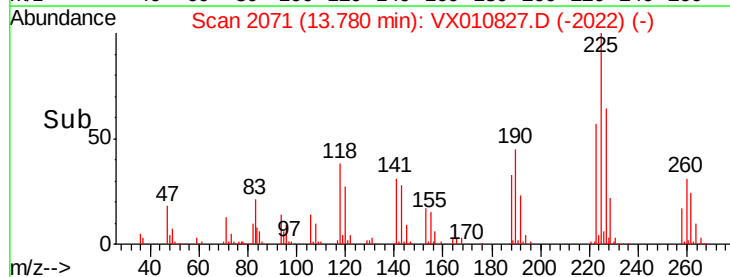
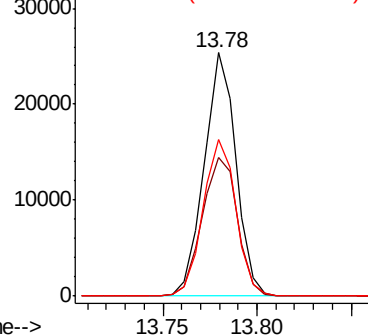


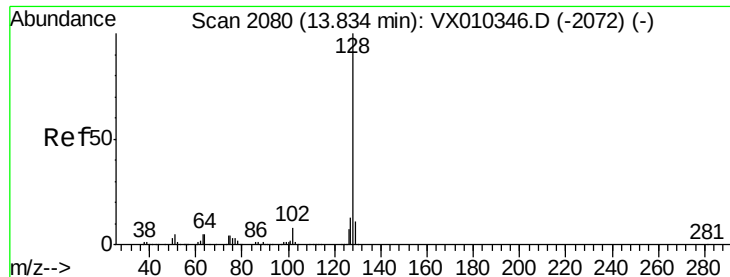
#94
 Hexachlorobutadiene
 Concen: 18.620 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion:225 Resp: 29677
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.7
 227 66.3 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: 19.284 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

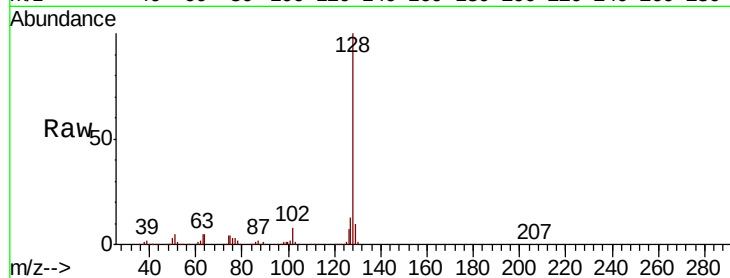
Tot Ion:128 Resp: 193256

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

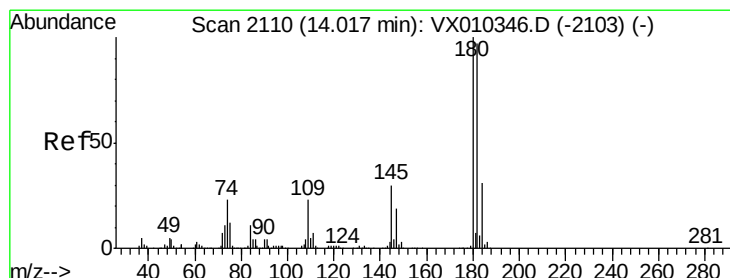
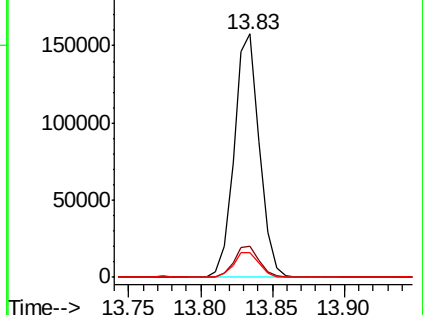
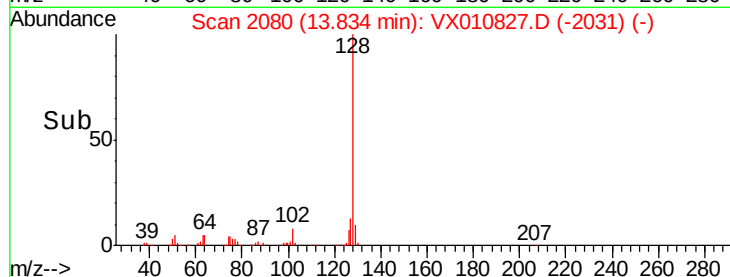
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.402 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

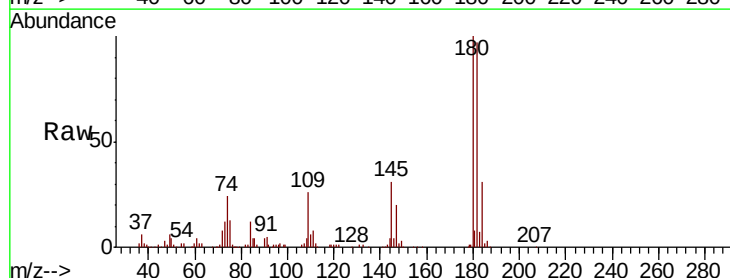
Tgt Ion:180 Resp: 62909

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.3

145 31.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

