

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010506.D
 Acq On : 27 Jun 2019 23:53
 Operator : JC/SP
 Sample : VX0627WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

Quant Time: Jun 28 06:53:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	246238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171645	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116743	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	113067	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	8.71	98	425807	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	151415	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31434	18.362	ug/l	98
3) Chloromethane	1.32	50	34941	17.528	ug/l	99
4) Vinyl Chloride	1.41	62	39906	18.277	ug/l	100
5) Bromomethane	1.64	94	24733	23.252	ug/l	96
6) Chloroethane	1.72	64	25924	20.125	ug/l	100
7) Trichlorofluoromethane	1.93	101	70073	20.245	ug/l	100
8) Diethyl Ether	2.19	74	25803	20.788	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40792	19.448	ug/l	100
10) Methyl Iodide	2.51	142	55689	18.604	ug/l	98
11) Tert butyl alcohol	3.05	59	56761	93.957	ug/l	97
12) 1,1-Dichloroethene	2.37	96	39833	18.663	ug/l	100
13) Acrolein	2.29	56	27779	69.316	ug/l	99
14) Allyl chloride	2.73	41	57066	18.833	ug/l	99
15) Acrylonitrile	3.14	53	126052	105.387	ug/l	99
16) Acetone	2.45	43	102499	88.585	ug/l	97
17) Carbon Disulfide	2.57	76	91927	16.054	ug/l	97
18) Methyl Acetate	2.78	43	49359	21.404	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	136678	20.356	ug/l	97
20) Methylene Chloride	2.85	84	47262	19.848	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	44210	19.259	ug/l	99
22) Diisopropyl ether	3.85	45	126559	19.977	ug/l	99
23) Vinyl Acetate	3.81	43	540857	98.822	ug/l	99
24) 1,1-Dichloroethane	3.70	63	73627	20.105	ug/l	98
25) 2-Butanone	4.67	43	169640	99.949	ug/l	97
26) 2,2-Dichloropropane	4.59	77	45653	14.351	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	52878	19.934	ug/l	96
28) Bromochloromethane	5.03	49	29780	17.008	ug/l	99
29) Tetrahydrofuran	5.13	42	107949	102.682	ug/l	97
30) Chloroform	5.21	83	78480	19.918	ug/l	98
31) Cyclohexane	5.58	56	62875	18.854	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	67667	19.449	ug/l	98
36) 1,1-Dichloropropene	5.80	75	54347	18.492	ug/l	99
37) Ethyl Acetate	4.83	43	62403	20.640	ug/l	99
38) Carbon Tetrachloride	5.79	117	57197	17.973	ug/l	94

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 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	68718	17.788	ug/l	99
40) Benzene	6.15	78	181907	19.868	ug/l	99
41) Methacrylonitrile	5.04	41	34029	20.513	ug/l	97
42) 1,2-Dichloroethane	6.20	62	57911	20.778	ug/l	99
43) Isopropyl Acetate	6.45	43	100981	20.188	ug/l	98
44) Trichloroethene	7.21	130	53628	19.574	ug/l	97
45) 1,2-Dichloropropane	7.51	63	45668	19.751	ug/l	99
46) Dibromomethane	7.66	93	33258	20.048	ug/l	99
47) Bromodichloromethane	7.90	83	58137	19.123	ug/l	99
48) Methyl methacrylate	7.77	41	46737	20.101	ug/l	99
49) 1,4-Dioxane	7.74	88	29867	445.914	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	335864	104.984	ug/l	99
52) Toluene	8.78	92	118401	19.637	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59352	17.413	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	66941	18.073	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50031	20.119	ug/l	99
56) Ethyl methacrylate	9.18	69	73652	19.552	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77265	20.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170885	95.516	ug/l	99
59) 2-Hexanone	9.49	43	259908	103.225	ug/l	99
60) Dibromochloromethane	9.58	129	51336	18.438	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52690	19.630	ug/l	100
64) Tetrachloroethene	9.34	164	55835	20.729	ug/l	99
65) Chlorobenzene	10.14	112	133804	19.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	48368	19.640	ug/l	98
67) Ethyl Benzene	10.25	91	226591	19.852	ug/l	99
68) m/p-Xylenes	10.36	106	176042	39.805	ug/l	99
69) o-Xylene	10.69	106	86826	19.963	ug/l	98
70) Styrene	10.71	104	145598	19.962	ug/l	99
71) Bromoform	10.85	173	38137	17.808	ug/l #	99
73) Isopropylbenzene	11.02	105	226727	19.486	ug/l	99
74) N-amyl acetate	10.90	43	88456	20.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77080	20.003	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	80794	25.831	ug/l	80
77) Bromobenzene	11.26	156	63640	19.588	ug/l	98
78) n-propylbenzene	11.36	91	247316	19.340	ug/l	100
79) 2-Chlorotoluene	11.42	91	146989	19.303	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	187715	19.570	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19589	14.611	ug/l	91
82) 4-Chlorotoluene	11.51	91	168024	19.391	ug/l	98
83) tert-Butylbenzene	11.77	119	186598	19.382	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	191432	19.864	ug/l	100
85) sec-Butylbenzene	11.94	105	219333	19.403	ug/l	99
86) p-Isopropyltoluene	12.06	119	200159	19.144	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	108673	19.162	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	111097	19.242	ug/l	99
89) n-Butylbenzene	12.38	91	163494	18.402	ug/l	100
90) Hexachloroethane	12.60	117	30995	17.144	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	112604	19.978	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15146	18.231	ug/l	99

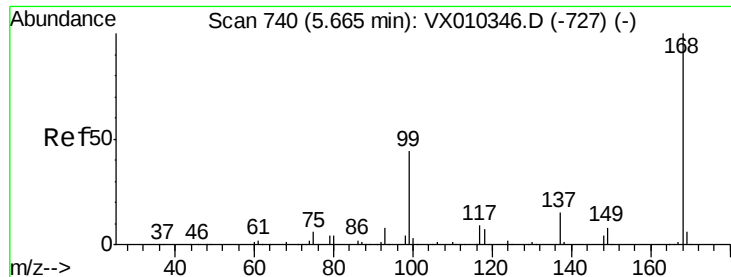
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76157	19.483	ug/l	99
94) Hexachlorobutadiene	13.78	225	36269	18.985	ug/l	97
95) Naphthalene	13.83	128	240361	20.010	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77684	19.989	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

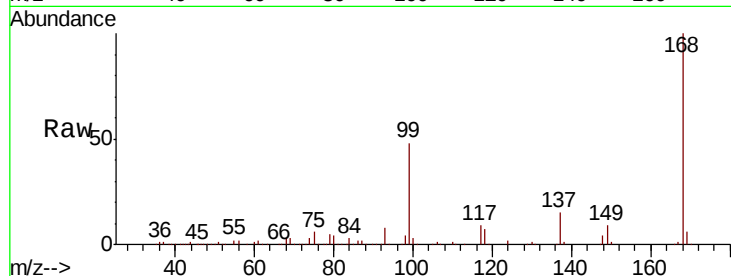
VX0627WBS02

Tot Ion:168 Resp: 246238

Ion Ratio Lower Upper

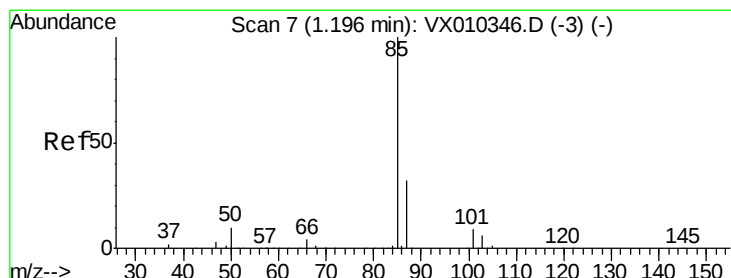
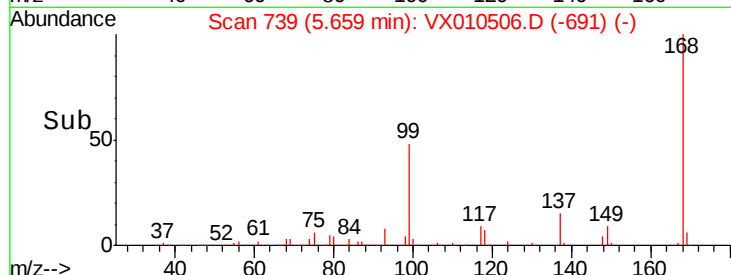
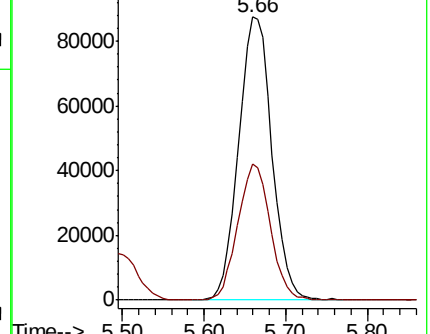
168 100

99 48.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.362 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010506.D

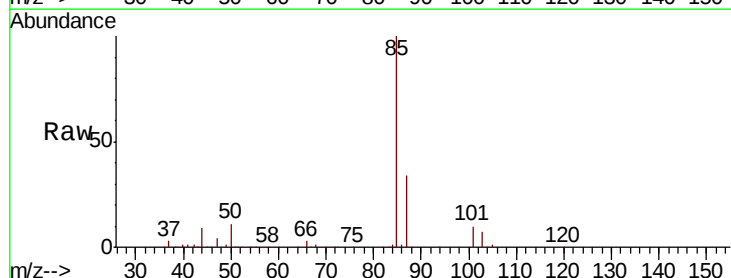
Acq: 27 Jun 2019 23:53

Tgt Ion: 85 Resp: 31434

Ion Ratio Lower Upper

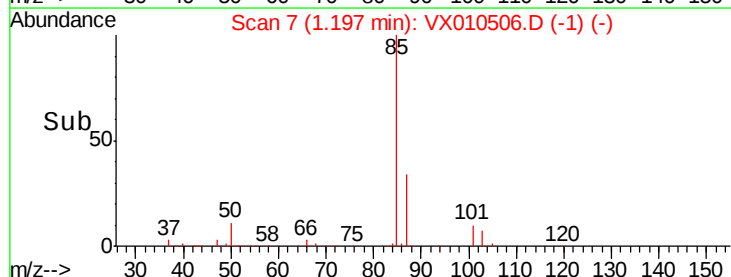
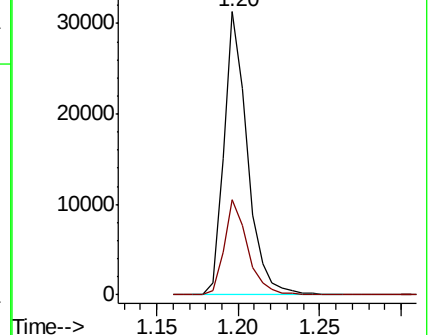
85 100

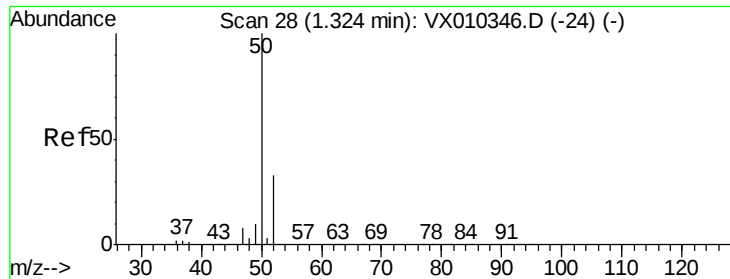
87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.528 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

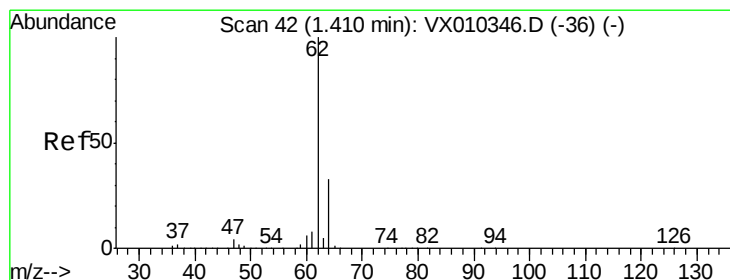
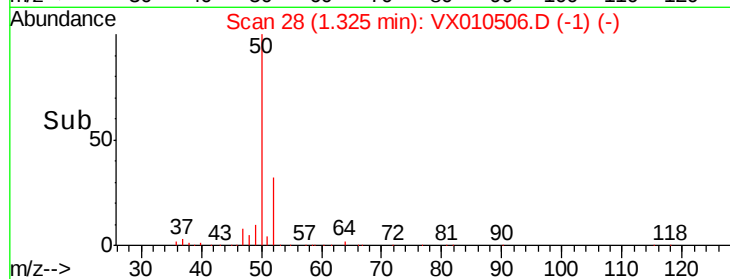
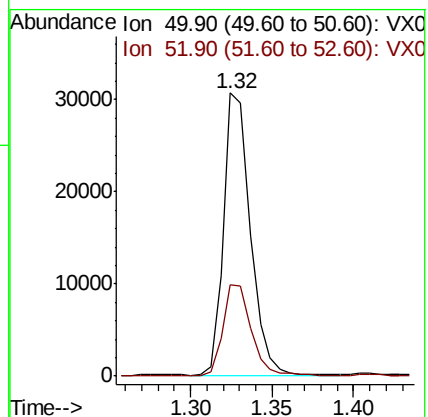
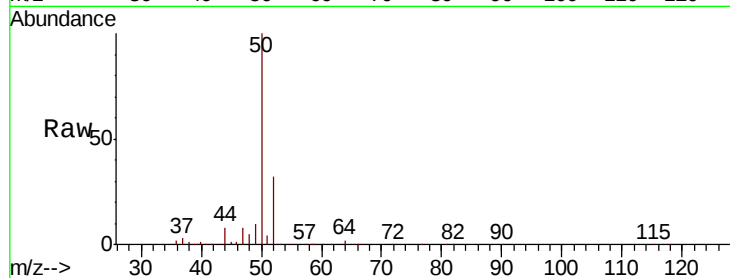
VX0627WBS02

Tot Ion: 50 Resp: 34941

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 18.277 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010506.D

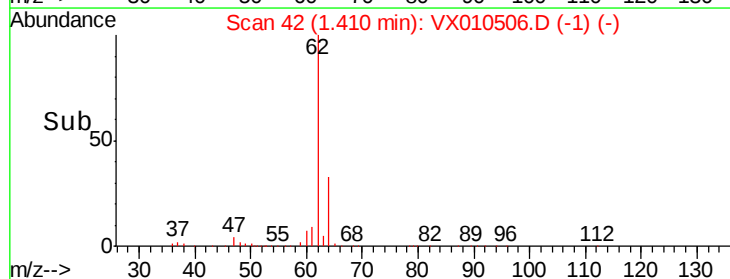
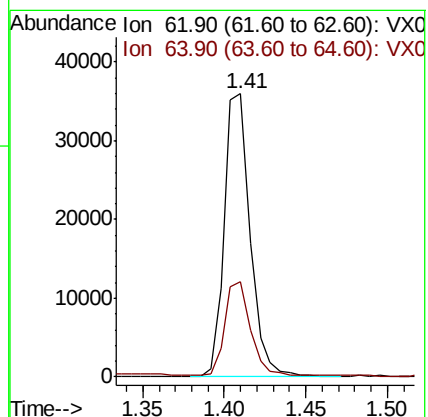
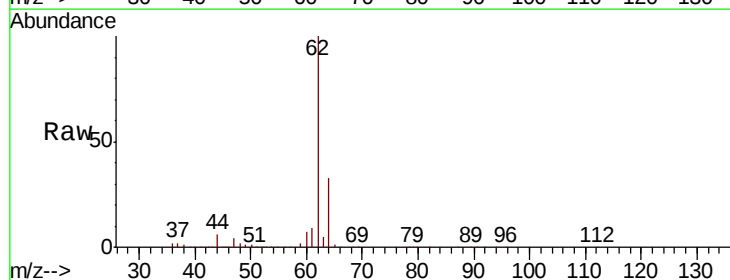
Acq: 27 Jun 2019 23:53

Tgt Ion: 62 Resp: 39906

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4





#5

Bromomethane

Concen: 23.252 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

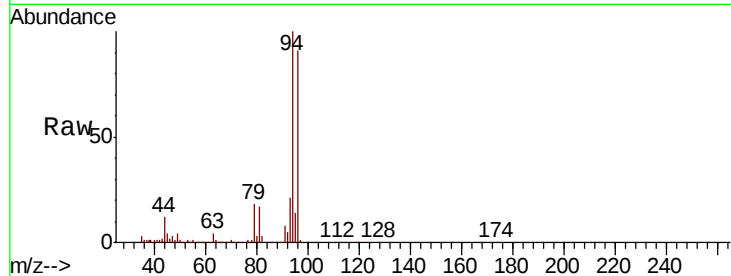
VX0627WBS02

Tot Ion: 94 Resp: 24733

Ion Ratio Lower Upper

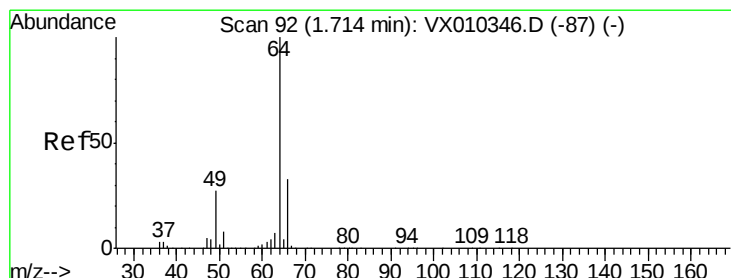
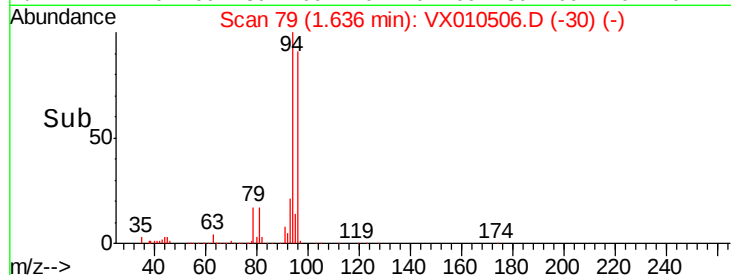
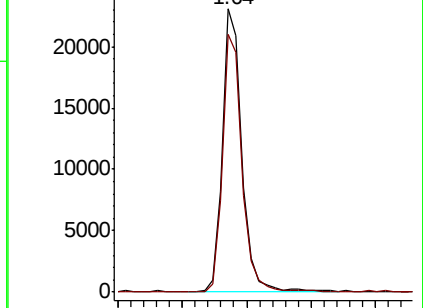
94 100

96 90.7 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: 20.125 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010506.D

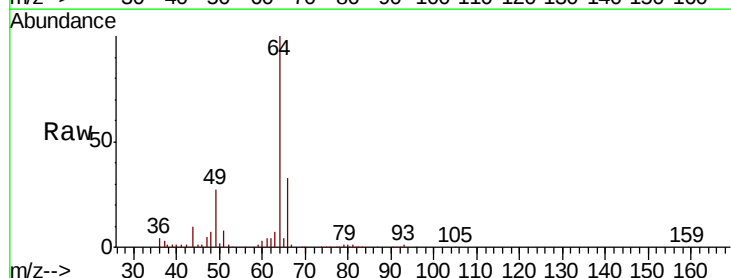
Acq: 27 Jun 2019 23:53

Tgt Ion: 64 Resp: 25924

Ion Ratio Lower Upper

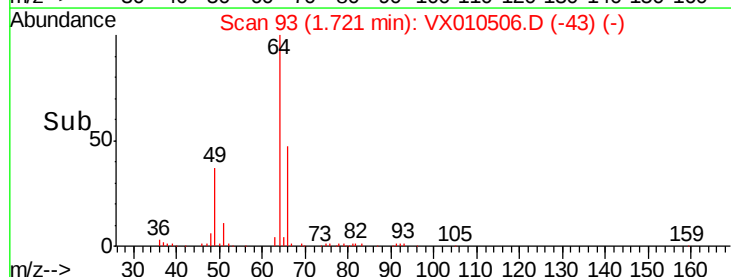
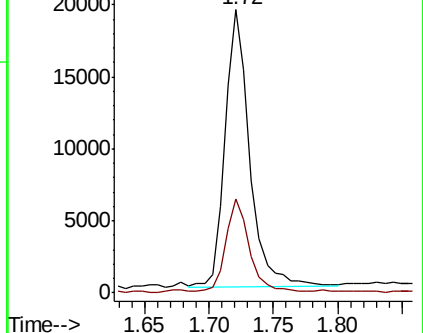
64 100

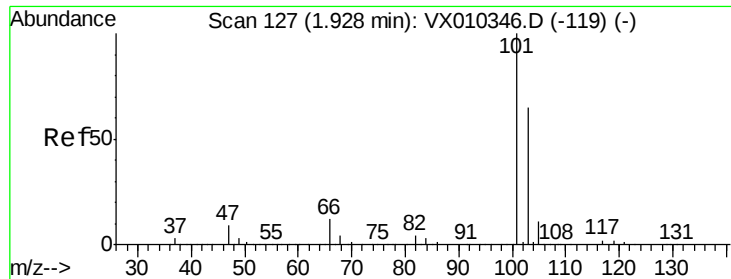
66 33.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



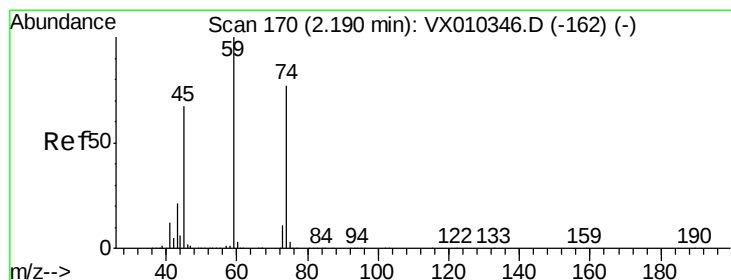
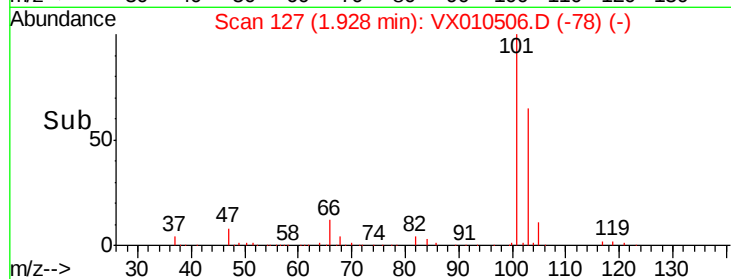
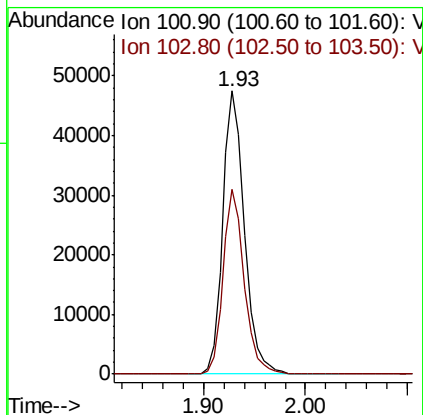
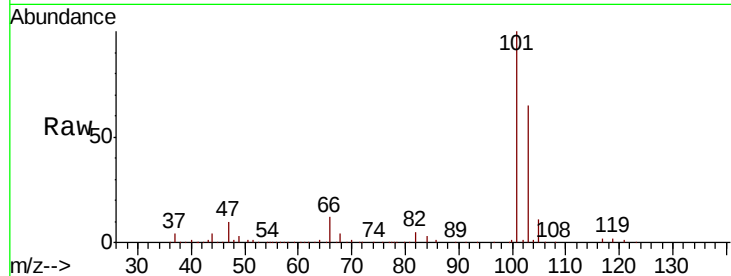


#7

Trichlorofluoromethane
Concen: 20.245 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Instrument :
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ClientSampleId :
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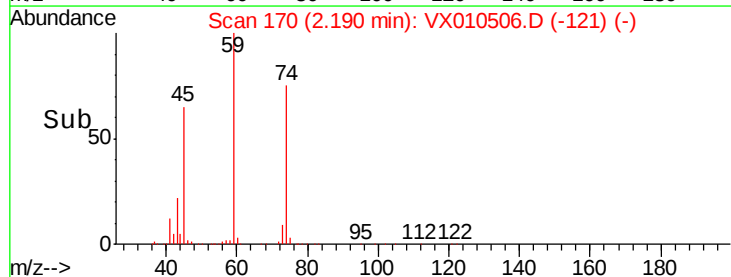
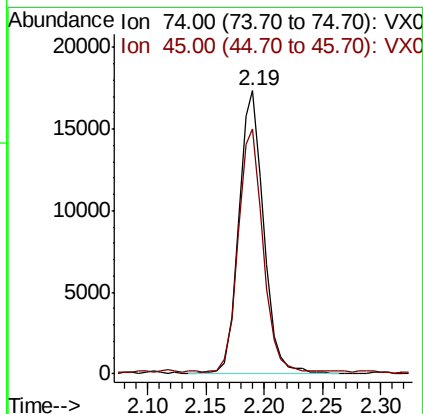
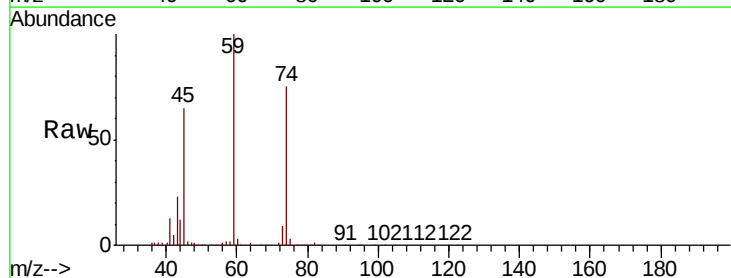
Tot Ion:101 Resp: 70073
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

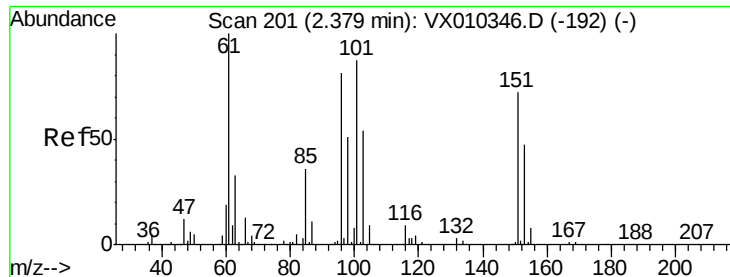


#8

Diethyl Ether
Concen: 20.788 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 74 Resp: 25803
Ion Ratio Lower Upper
74 100
45 84.8 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.448 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

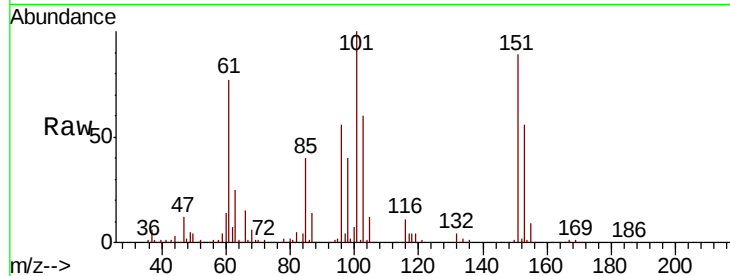
Tot Ion:101 Resp: 40792

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

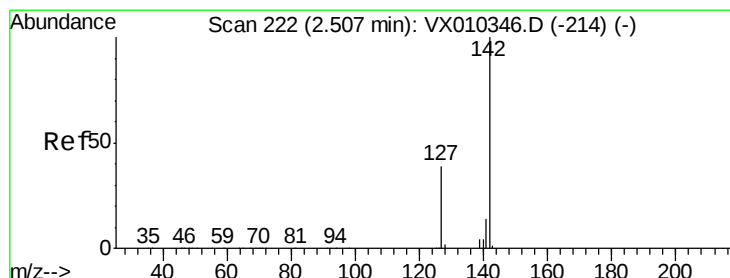
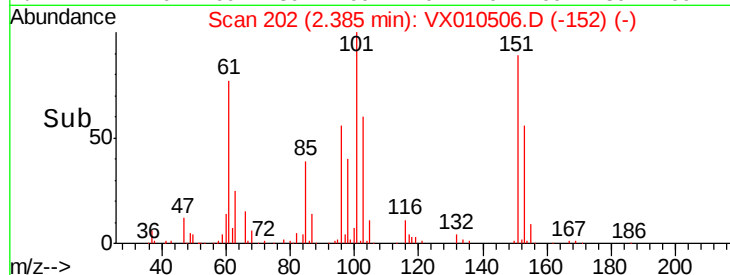
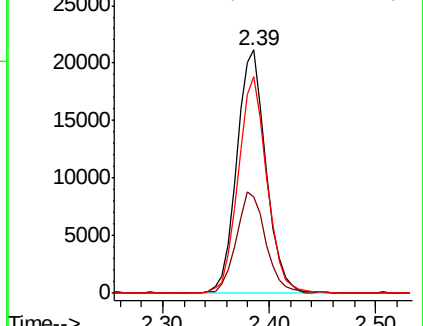
151 87.9 70.1 105.1



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: 18.604 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

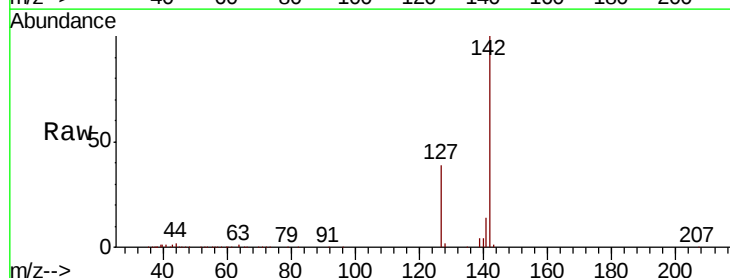
Tgt Ion:142 Resp: 55689

Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

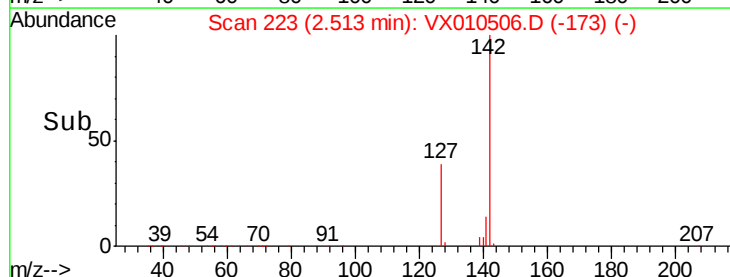
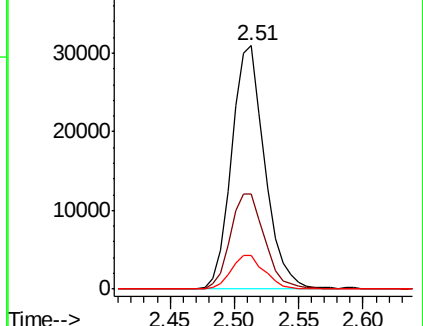
141 14.0 11.2 16.8



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

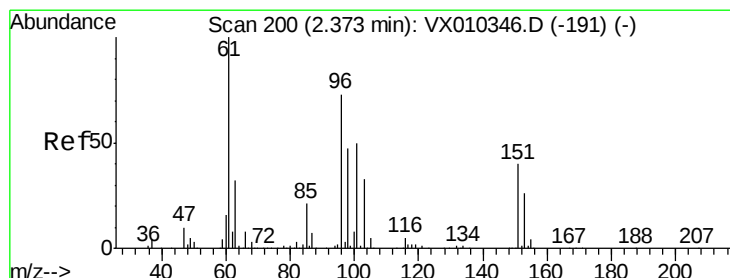
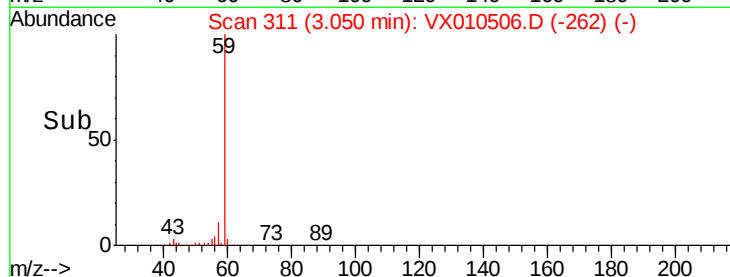
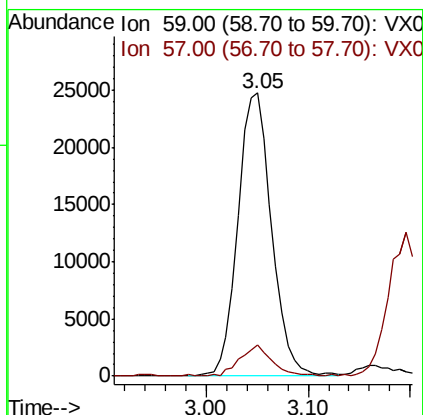
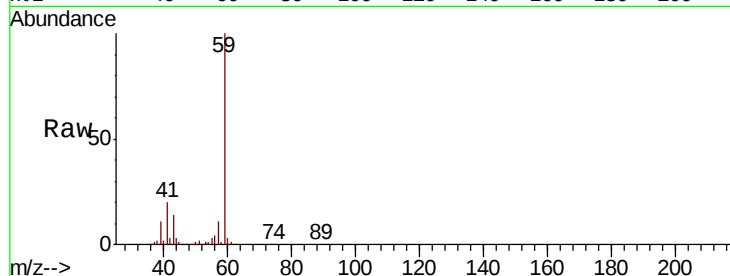




#11
Tert butyl alcohol
Concen: 93.957 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

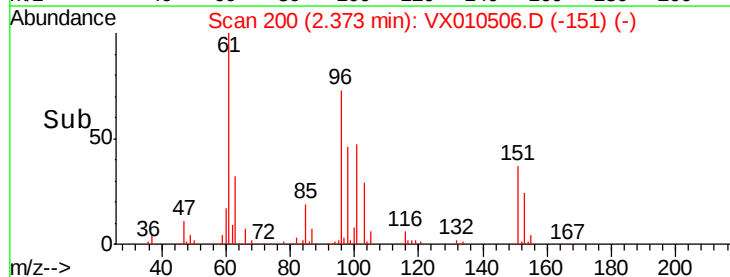
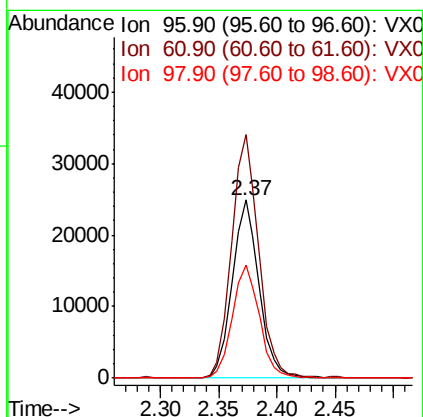
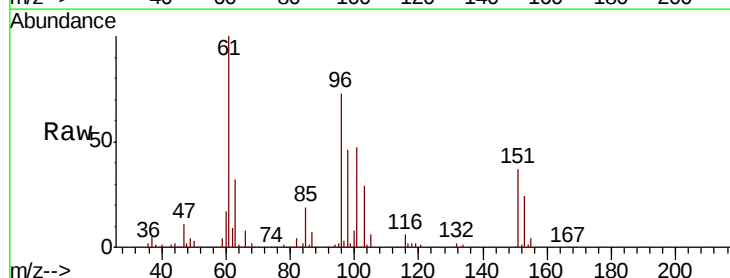
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

Tot Ion: 59 Resp: 56761
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.663 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 96 Resp: 39833
Ion Ratio Lower Upper
96 100
61 136.7 109.2 163.8
98 63.7 51.1 76.7





#13

Acrolein

Concen: 69.316 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

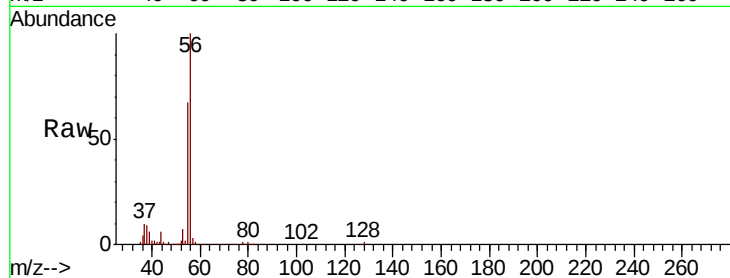
VX0627WBS02

Tot Ion: 56 Resp: 27779

Ion Ratio Lower Upper

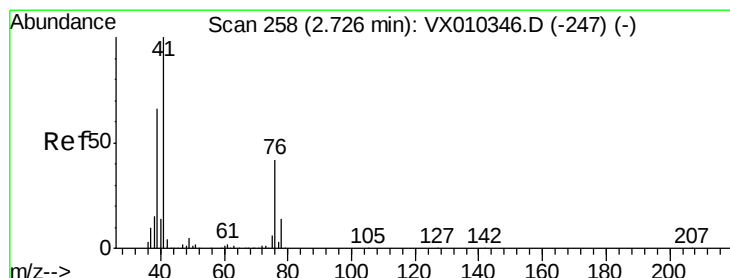
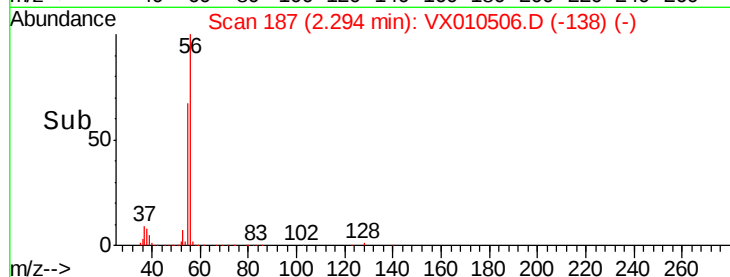
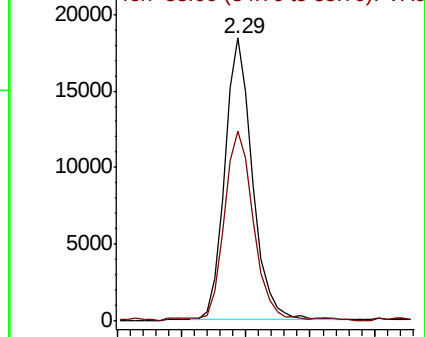
56 100

55 72.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.833 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

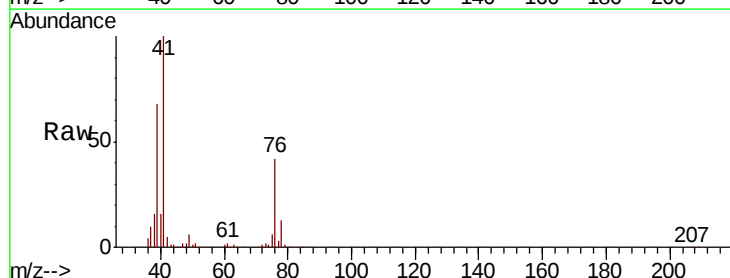
Tgt Ion: 41 Resp: 57066

Ion Ratio Lower Upper

41 100

39 63.4 50.3 75.5

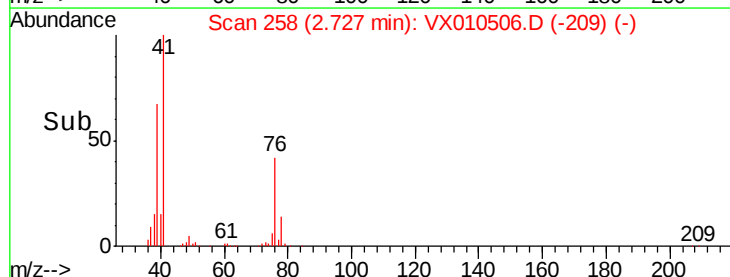
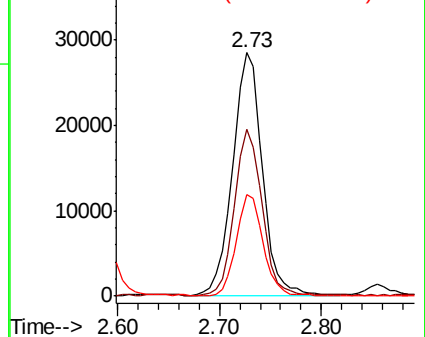
76 38.1 31.3 46.9

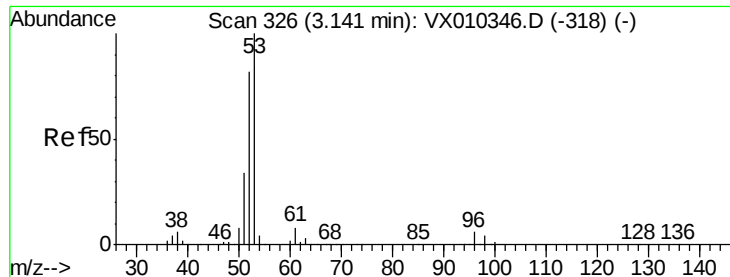


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 105.387 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

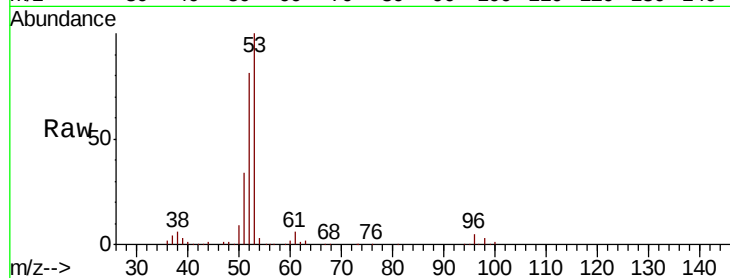
Tot Ion: 53 Resp: 126052

Ion Ratio Lower Upper

53 100

52 81.0 65.5 98.3

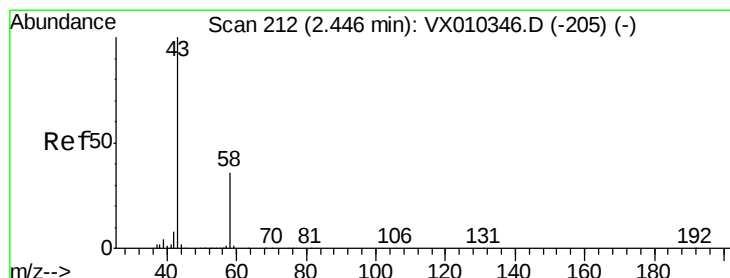
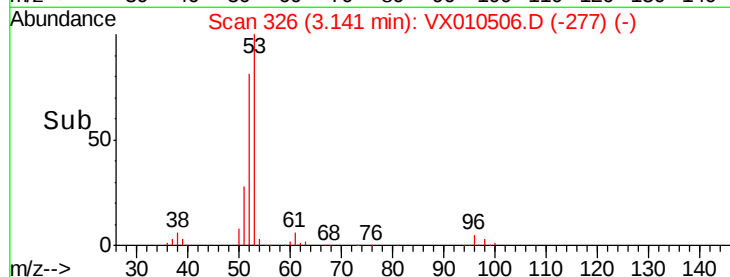
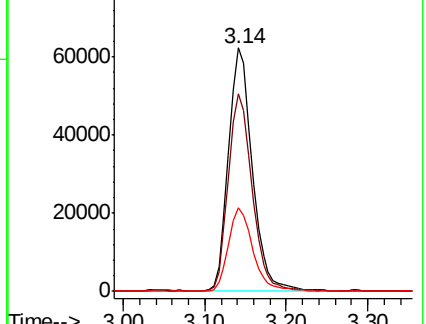
51 35.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.585 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010506.D

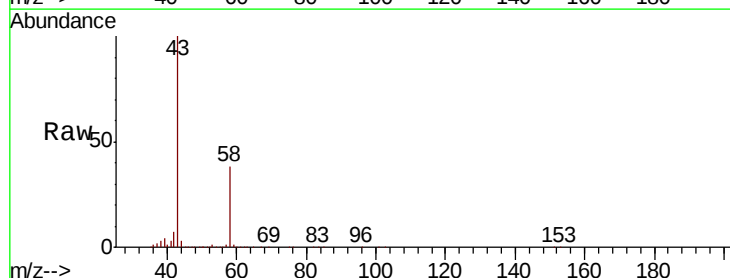
Acq: 27 Jun 2019 23:53

Tgt Ion: 43 Resp: 102499

Ion Ratio Lower Upper

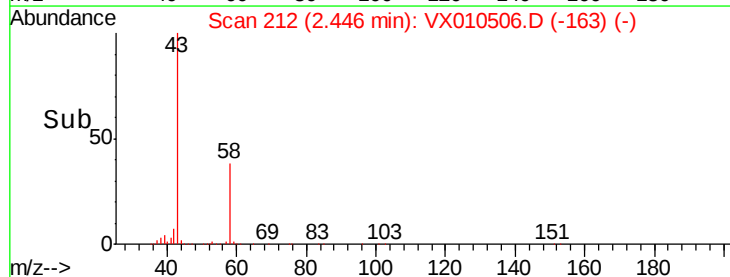
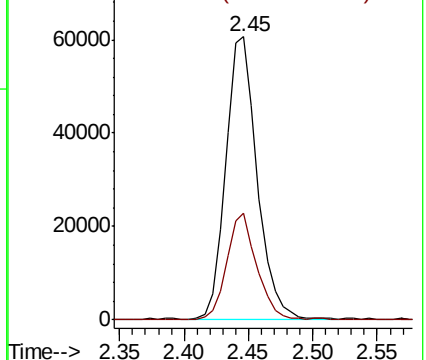
43 100

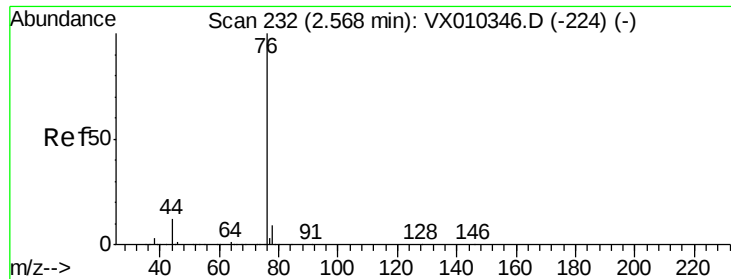
58 37.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

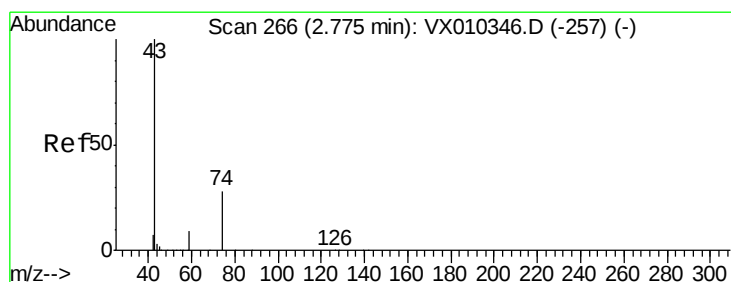
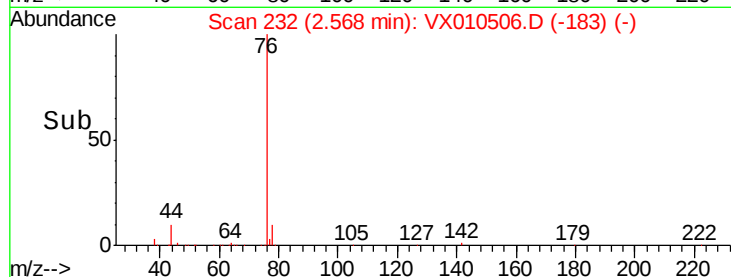
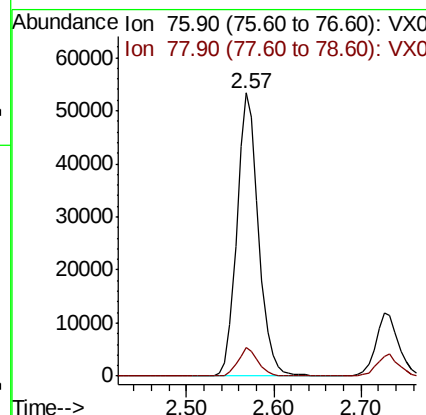
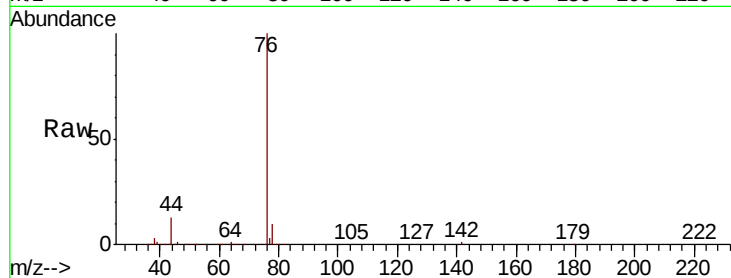




#17
Carbon Disulfide
Concen: 16.054 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

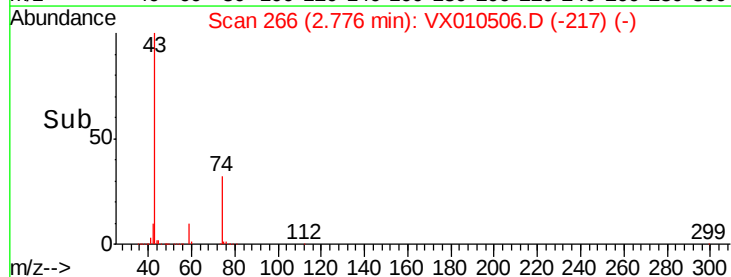
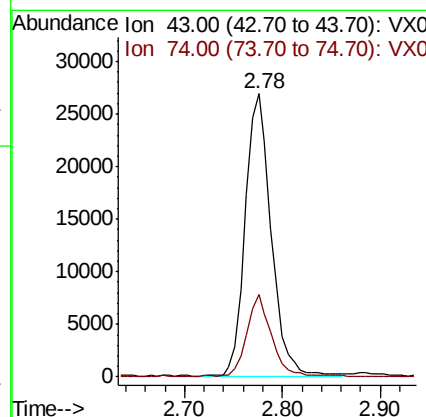
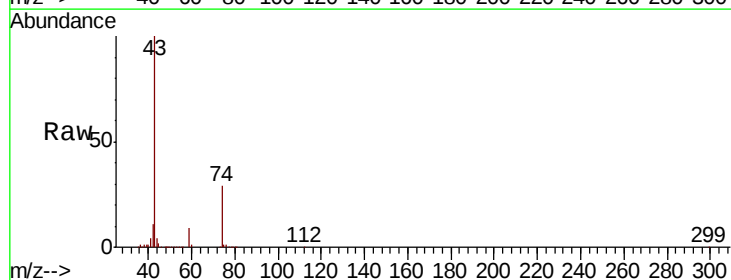
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

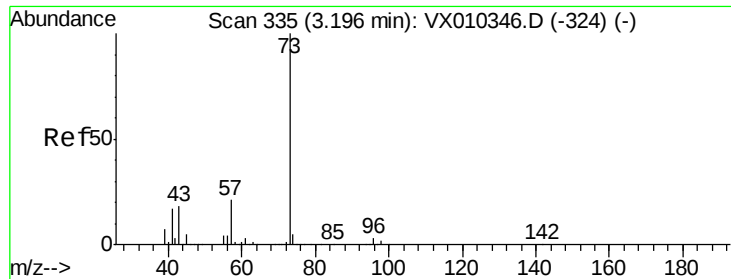
Tot Ion: 76 Resp: 91927
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 21.404 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 43 Resp: 49359
Ion Ratio Lower Upper
43 100
74 26.0 21.3 31.9

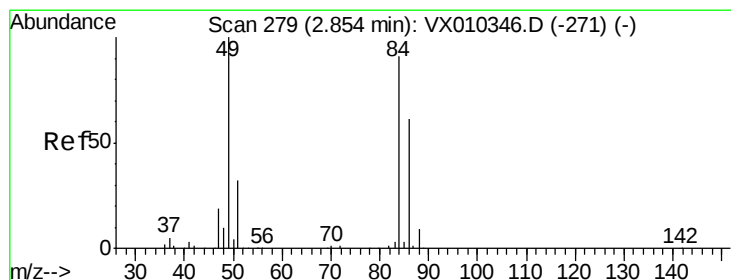
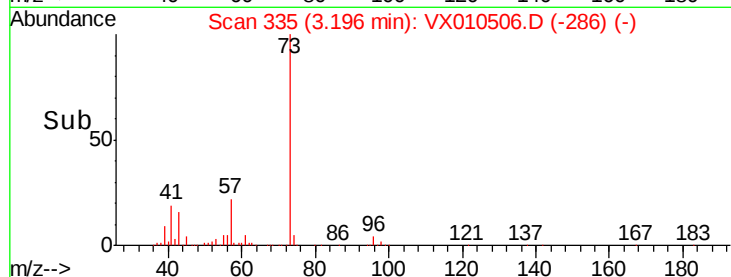
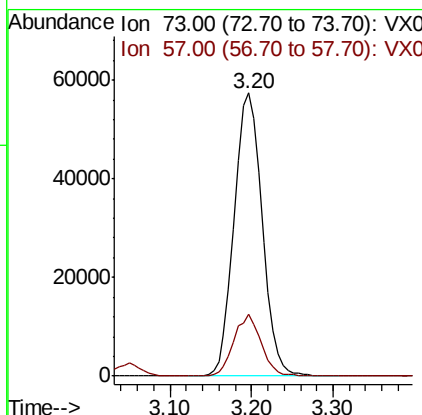
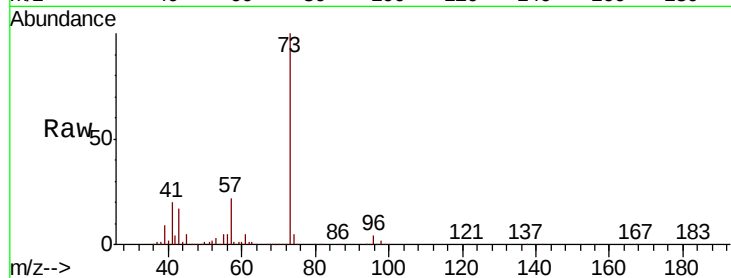




#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

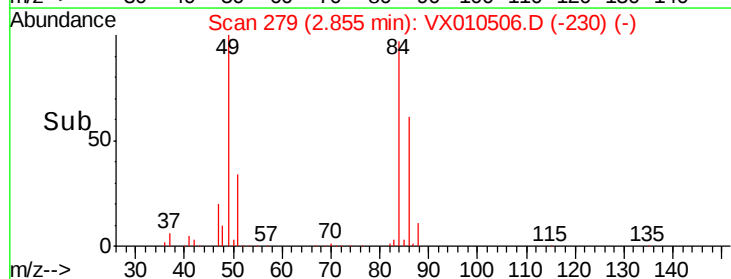
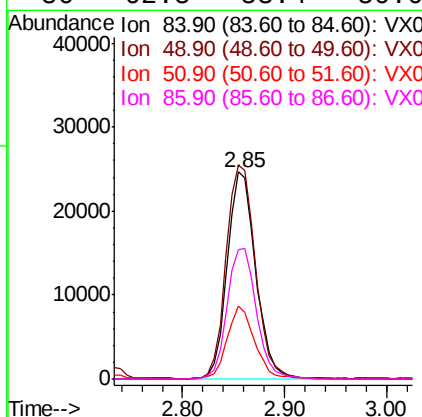
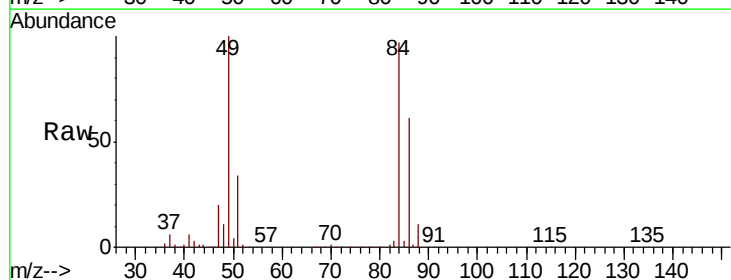
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

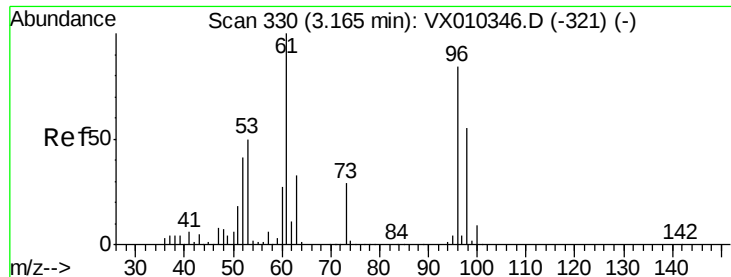
Tot Ion: 73 Resp: 136678
Ion Ratio Lower Upper
73 100
57 21.8 16.4 24.6



#20
Methylene Chloride
Concen: 19.848 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 84 Resp: 47262
Ion Ratio Lower Upper
84 100
49 103.0 87.5 131.3
51 34.7 27.7 41.5
86 62.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.259 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

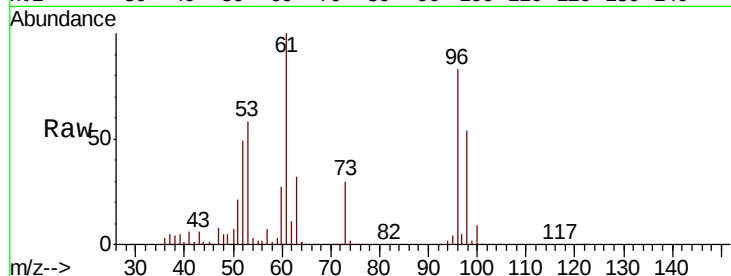
Tot Ion: 96 Resp: 44210

Ion Ratio Lower Upper

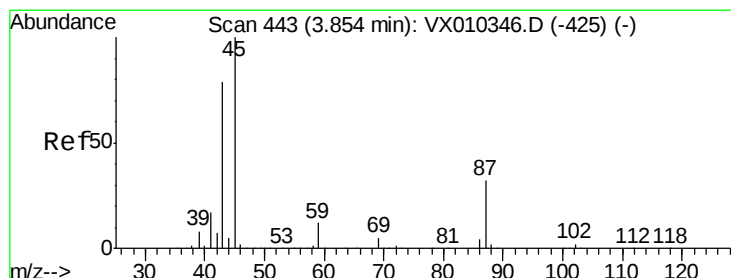
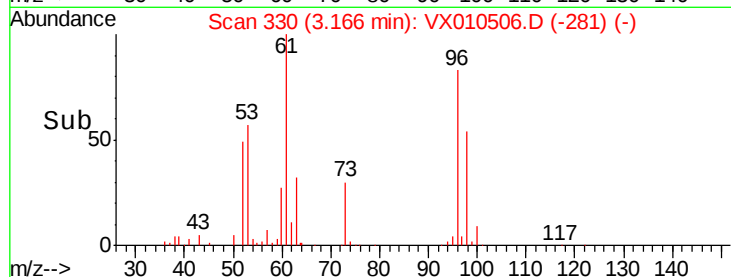
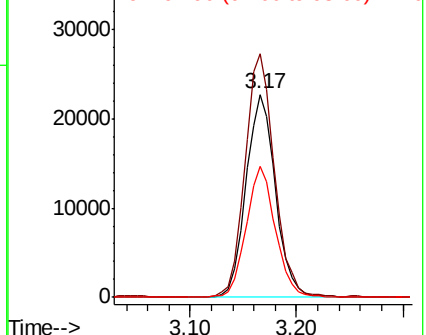
96 100

61 120.0 95.6 143.4

98 64.6 52.5 78.7



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



#22

Diisopropyl ether

Concen: 19.977 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Tgt Ion: 45 Resp: 126559

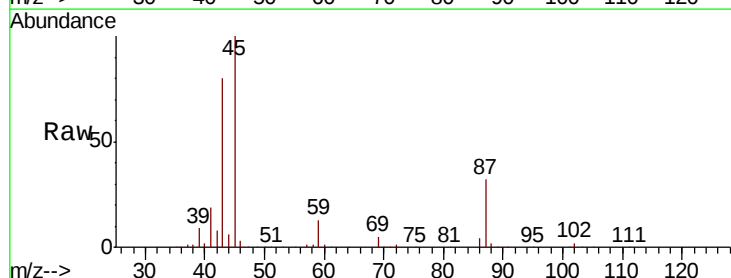
Ion Ratio Lower Upper

45 100

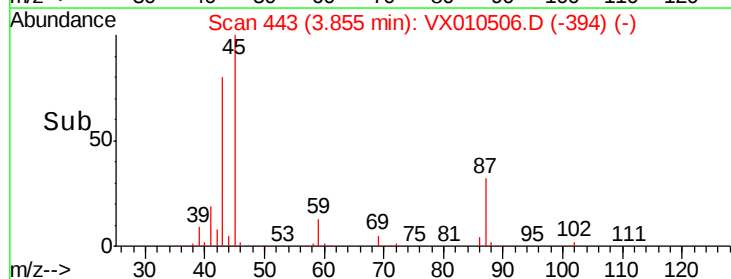
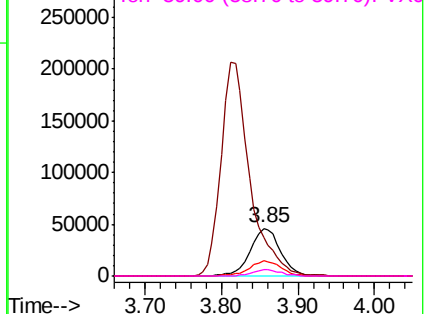
43 80.1 63.3 94.9

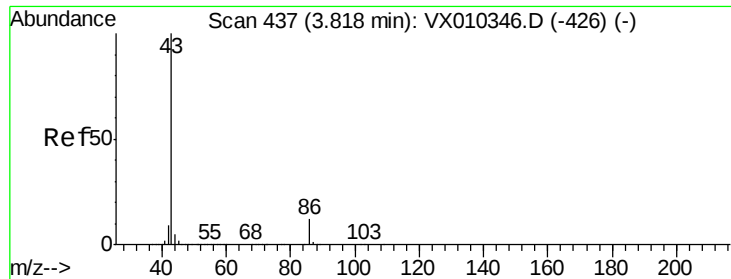
87 32.0 25.8 38.8

59 13.2 9.6 14.4



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





#23

Vinyl Acetate

Concen: 98.822 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

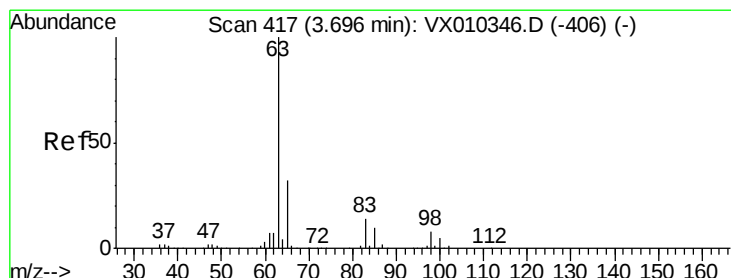
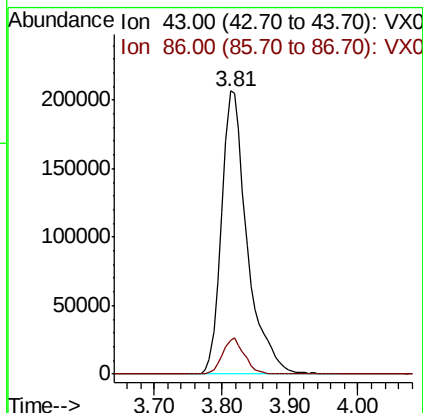
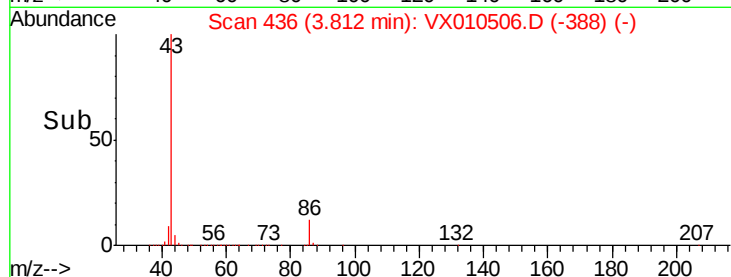
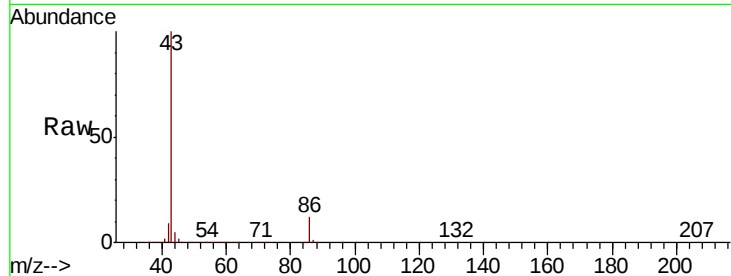
VX0627WBS02

Tot Ion: 43 Resp: 540857

Ion Ratio Lower Upper

43 100

86 12.0 9.9 14.9



#24

1,1-Dichloroethane

Concen: 20.105 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

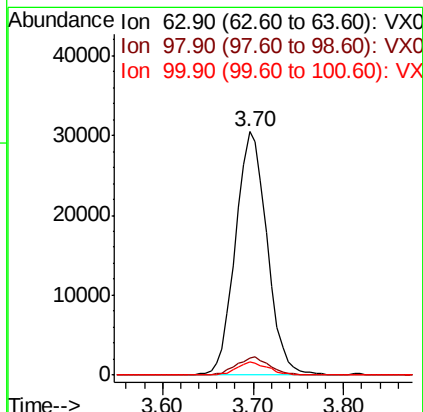
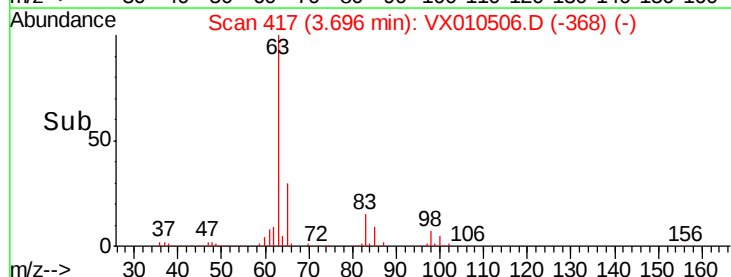
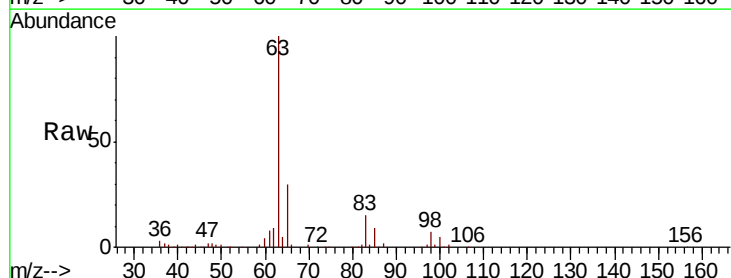
Tgt Ion: 63 Resp: 73627

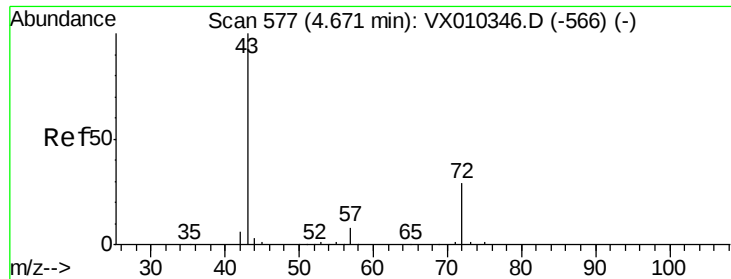
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 99.949 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

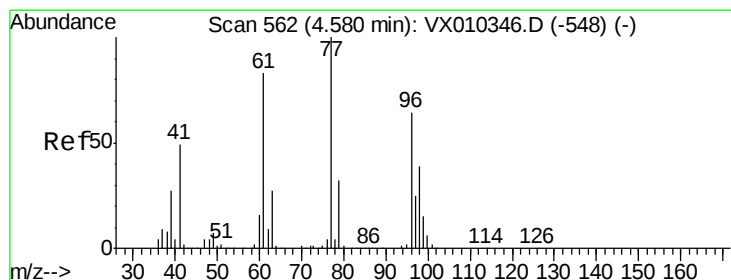
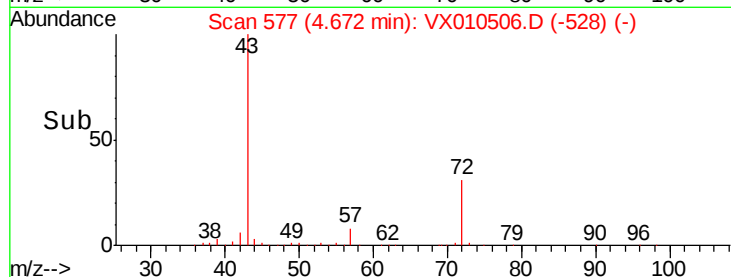
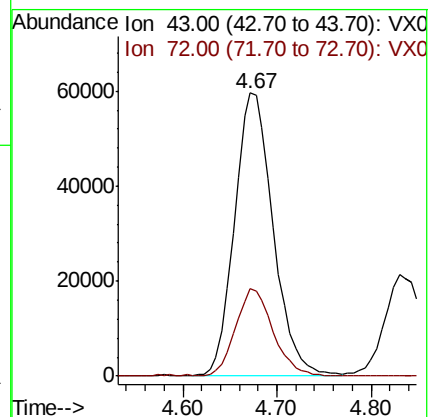
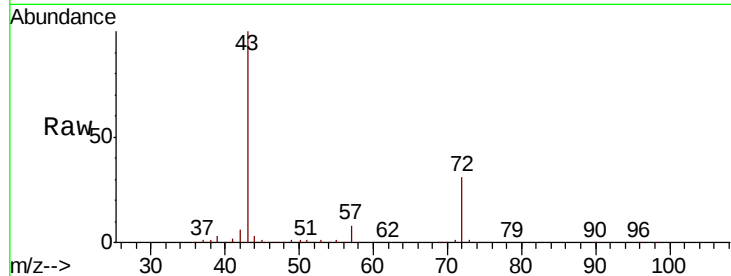
VX0627WBS02

Tot Ion: 43 Resp: 169640

Ion Ratio Lower Upper

43 100

72 30.9 23.3 34.9



#26

2,2-Dichloropropane

Concen: 14.351 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010506.D

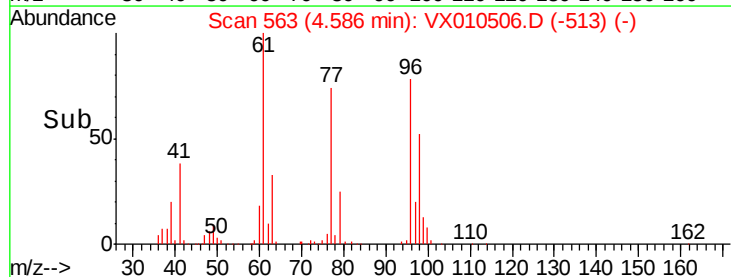
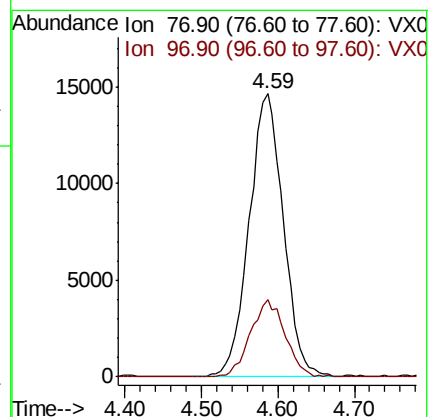
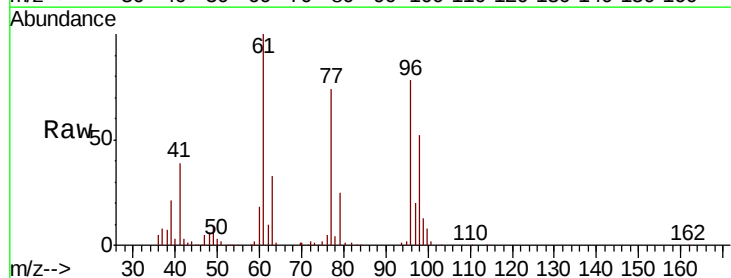
Acq: 27 Jun 2019 23:53

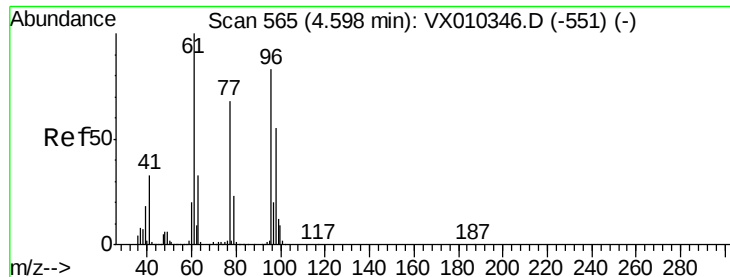
Tgt Ion: 77 Resp: 45653

Ion Ratio Lower Upper

77 100

97 27.3 13.1 39.3



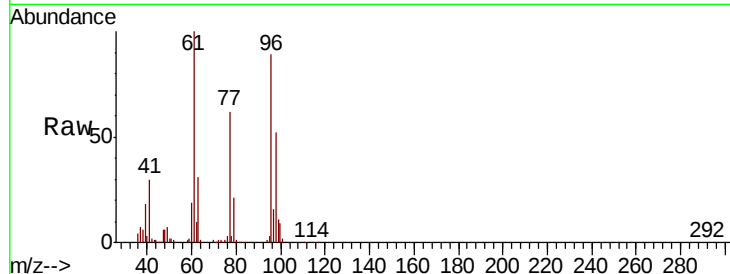


#27

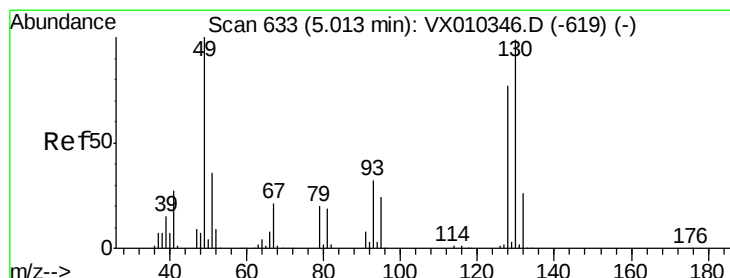
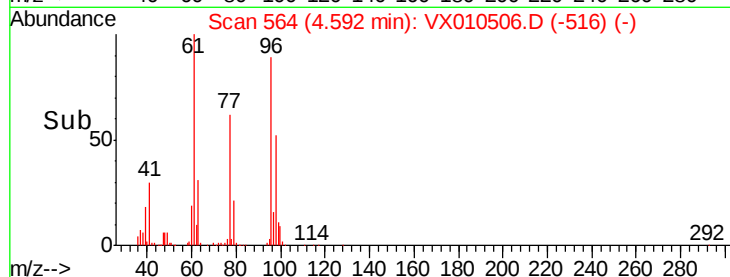
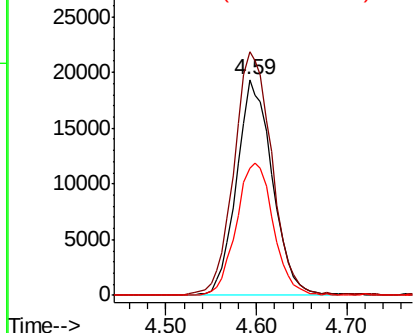
cis-1,2-Dichloroethene
Concen: 19.934 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

Tot Ion: 96 Resp: 52878
Ion Ratio Lower Upper
96 100
61 119.6 0.0 251.8
98 63.6 0.0 129.4



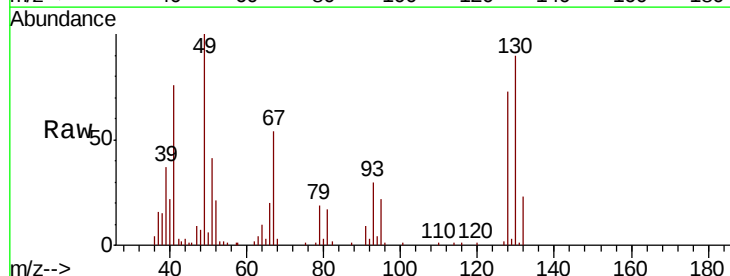
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



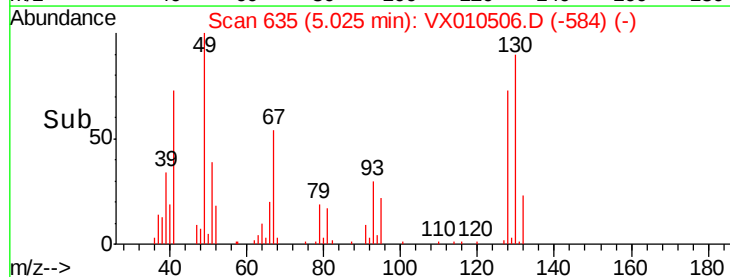
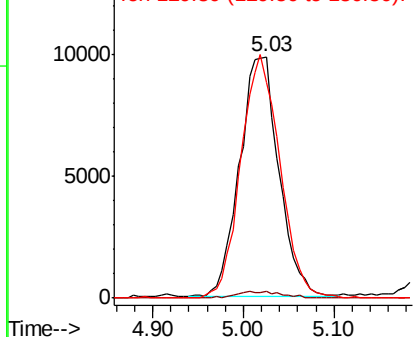
#28

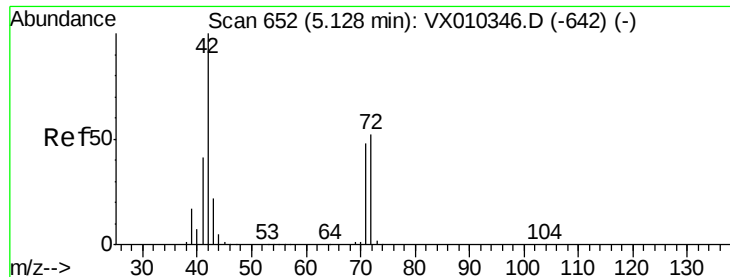
Bromochloromethane
Concen: 17.008 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 49 Resp: 29780
Ion Ratio Lower Upper
49 100
129 1.7 0.0 5.6
130 100.4 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: 102.682 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

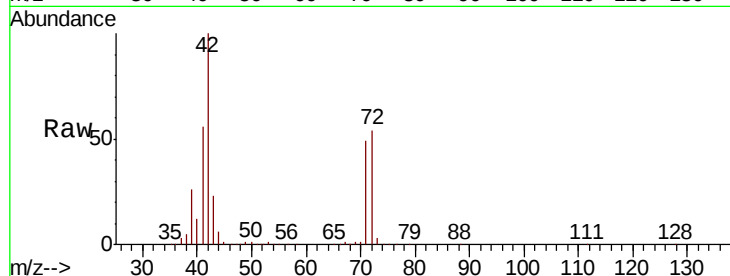
Tot Ion: 42 Resp: 107949

Ion Ratio Lower Upper

42 100

72 52.9 40.6 60.8

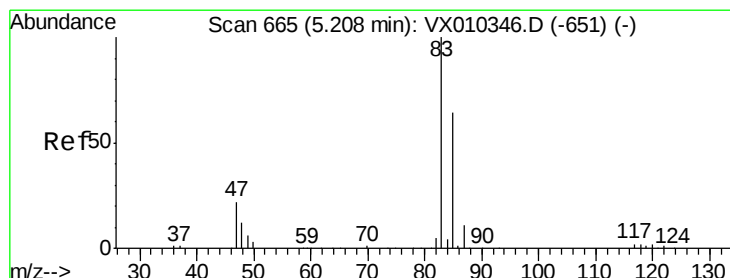
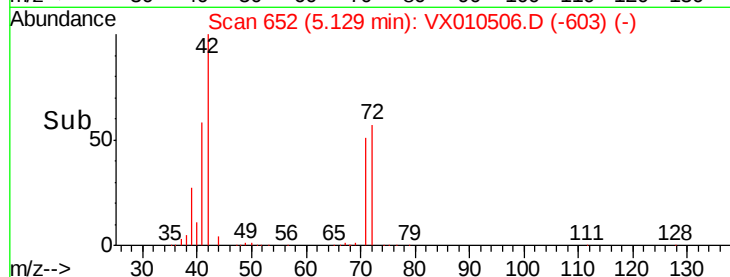
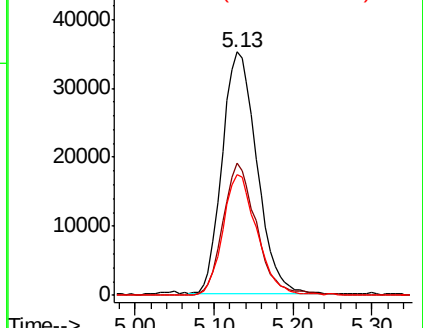
71 48.8 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.918 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010506.D

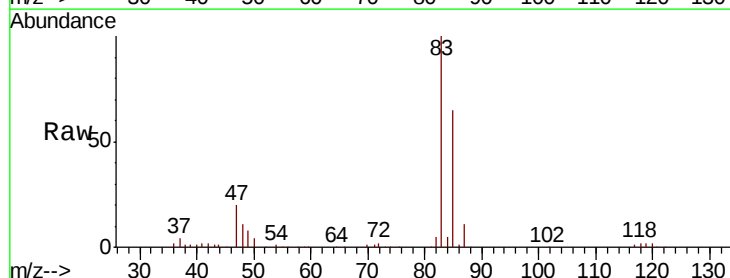
Acq: 27 Jun 2019 23:53

Tgt Ion: 83 Resp: 78480

Ion Ratio Lower Upper

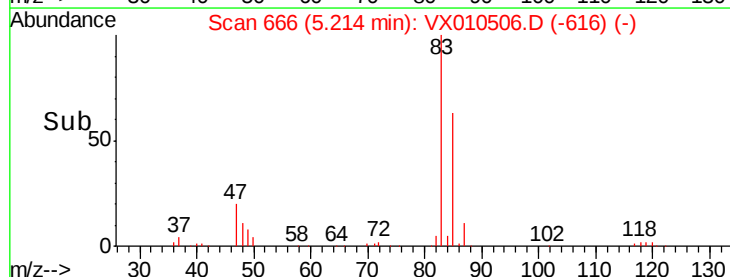
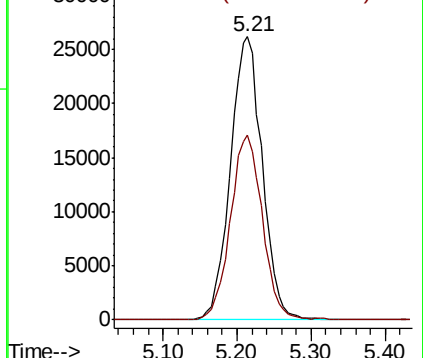
83 100

85 65.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.854 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

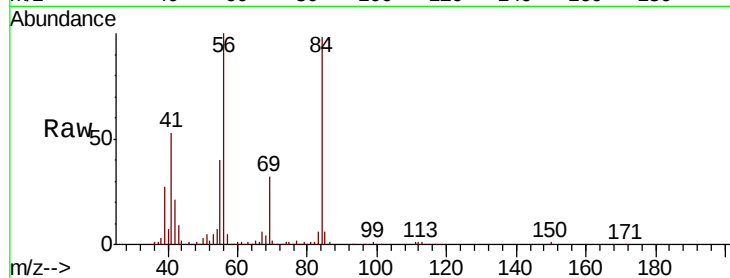
Tot Ion: 56 Resp: 62875

Ion Ratio Lower Upper

56 100

69 31.7 25.9 38.9

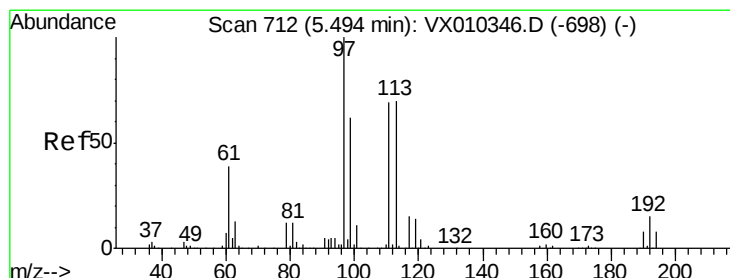
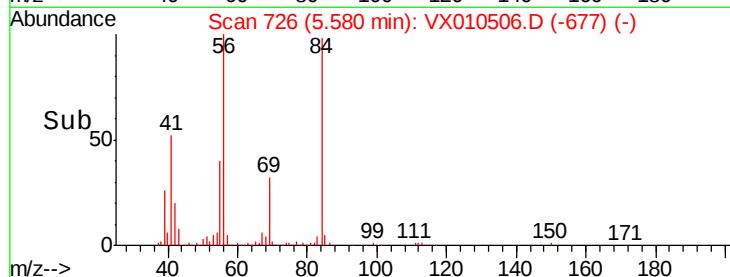
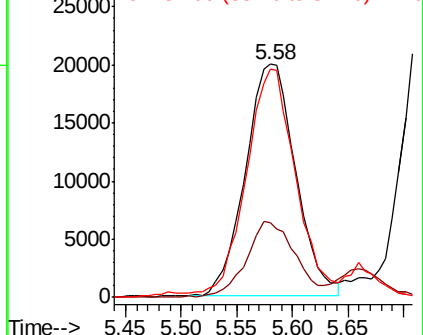
84 96.8 78.0 117.0



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: 19.449 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

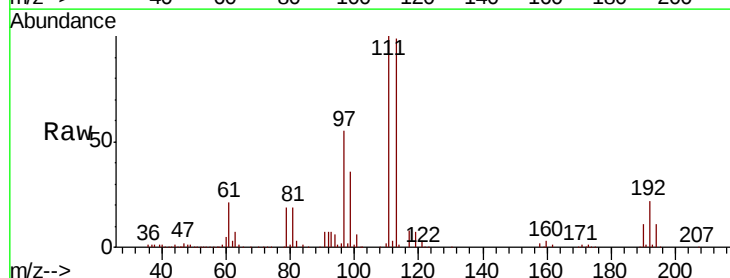
Tgt Ion: 97 Resp: 67667

Ion Ratio Lower Upper

97 100

99 66.1 51.8 77.8

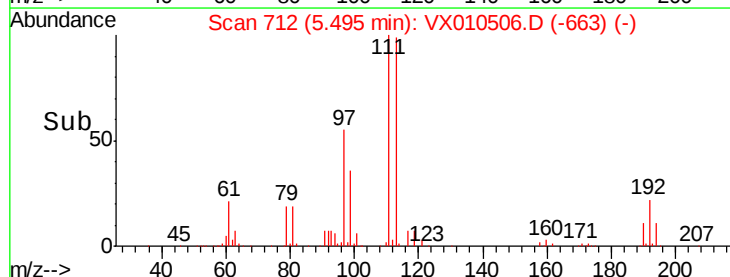
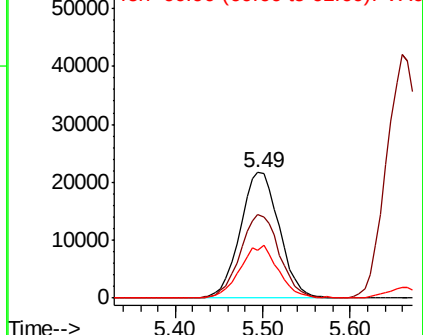
61 41.2 32.1 48.1

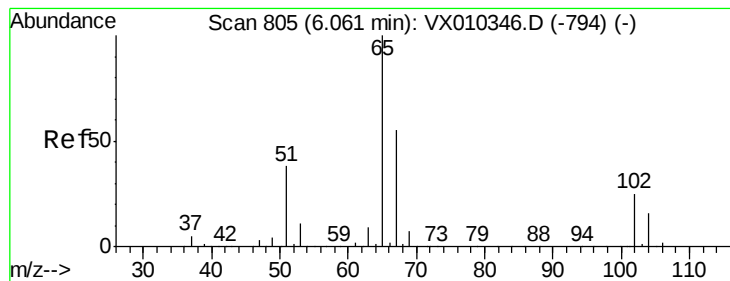


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.566 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

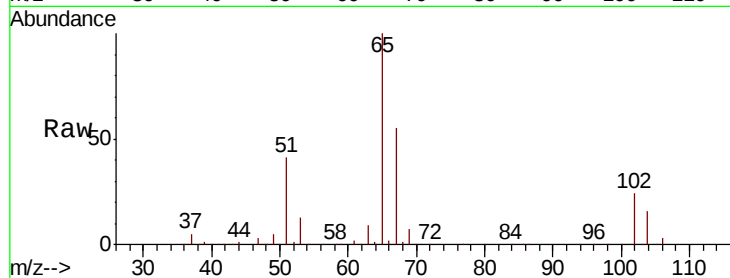
VX0627WBS02

Tot Ion: 65 Resp: 116743

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

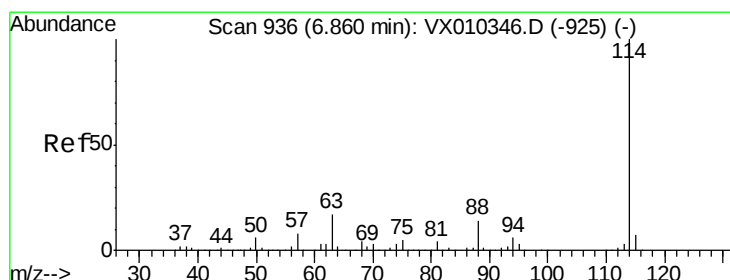
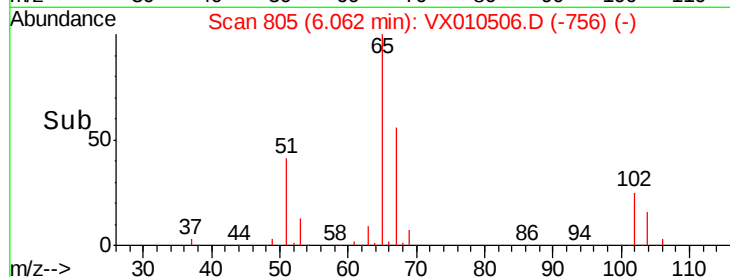
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

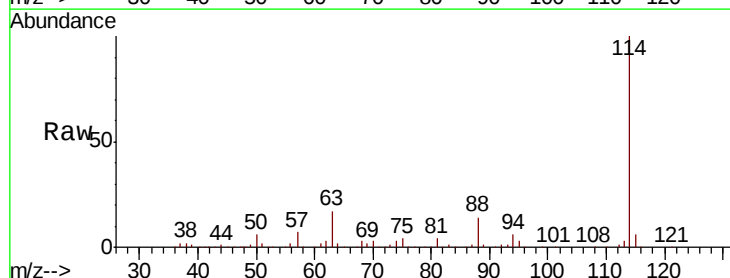
Tgt Ion: 114 Resp: 369830

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

88 14.3 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

200000

150000

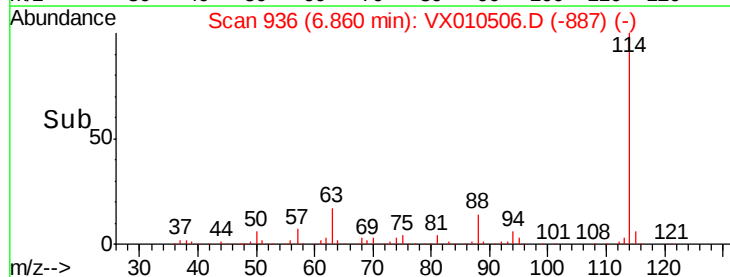
100000

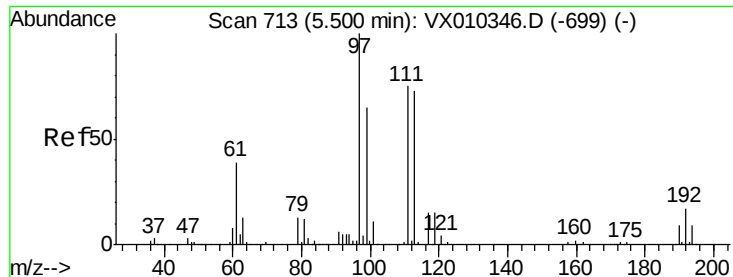
50000

0

6.70 6.80 6.90 7.00

Time-->

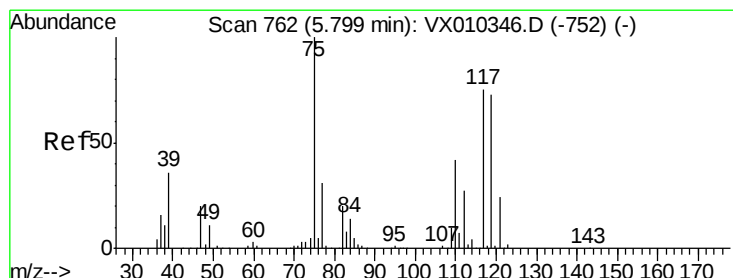
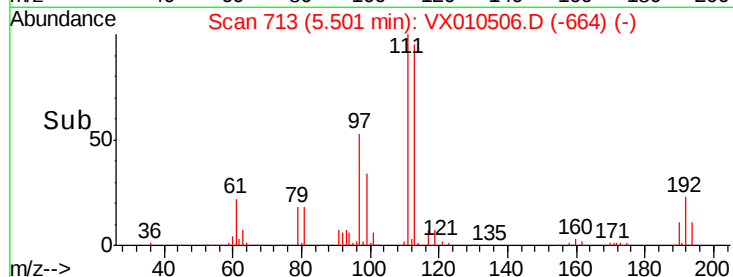
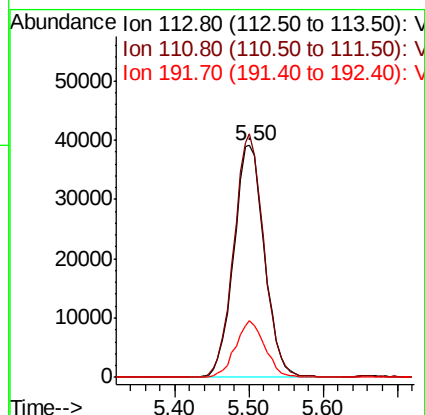
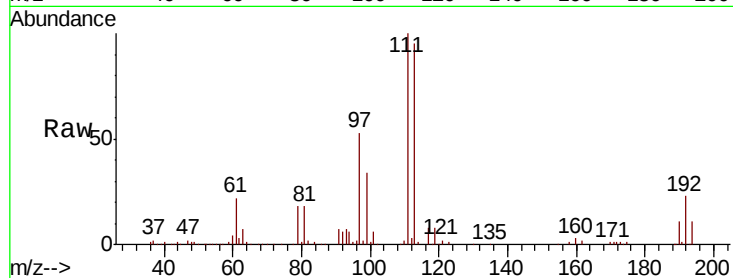




#35
Dibromofluoromethane
Concen: 49.969 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

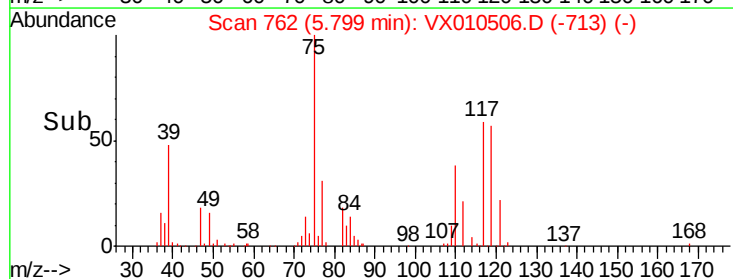
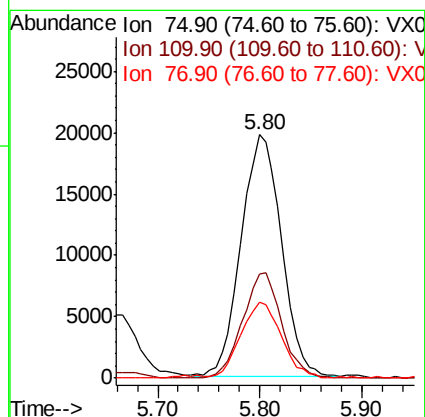
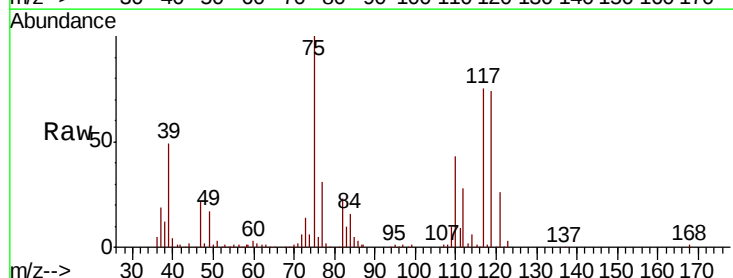
Instrument :
MSVOA_X
ClientSampled :
VX0627WBS02

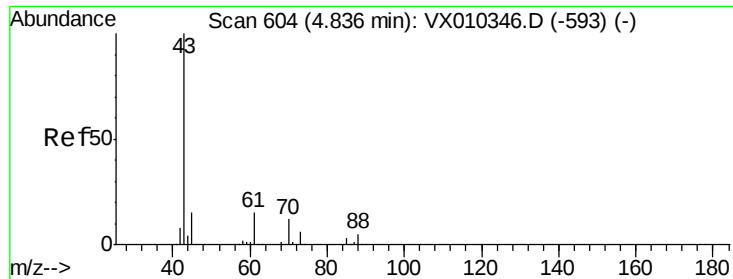
Tot Ion:113 Resp: 113067
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 23.4 18.6 27.8



#36
1,1-Dichloropropene
Concen: 18.492 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 75 Resp: 54347
Ion Ratio Lower Upper
75 100
110 42.0 20.8 62.2
77 31.2 25.4 38.0





#37

Ethyl Acetate

Concen: 20.640 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampled :

VX0627WBS02

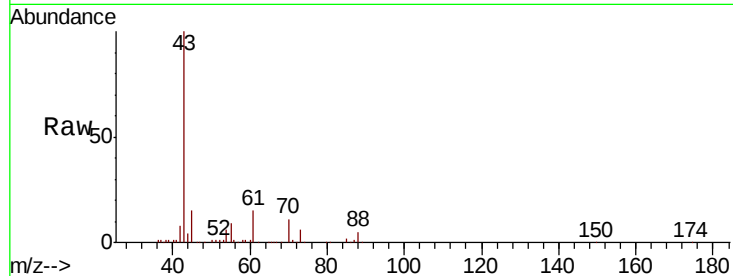
Tot Ion: 43 Resp: 62403

Ion Ratio Lower Upper

43 100

61 15.1 12.4 18.6

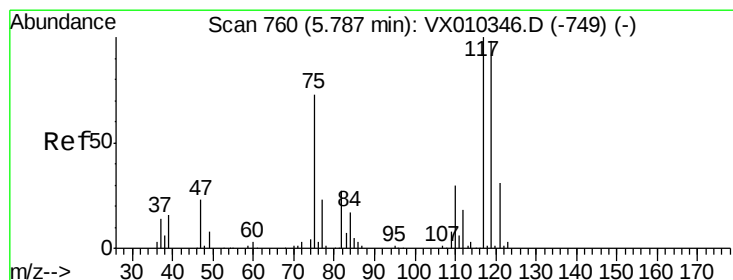
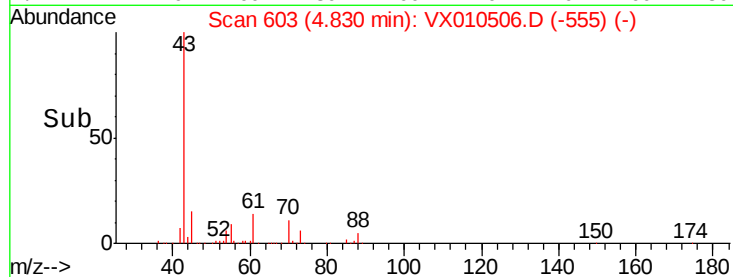
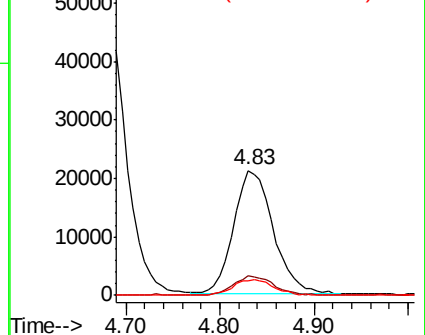
70 12.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.973 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

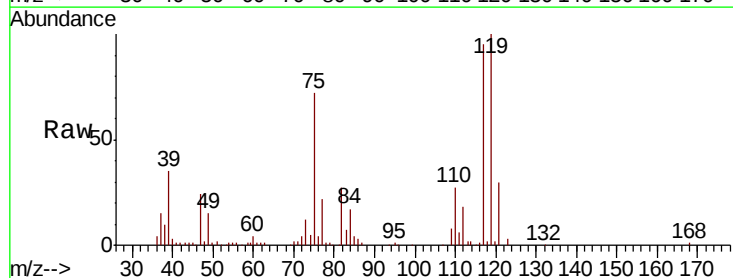
Tgt Ion: 117 Resp: 57197

Ion Ratio Lower Upper

117 100

119 105.5 78.2 117.4

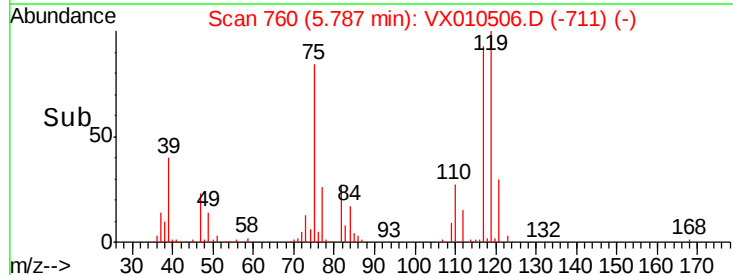
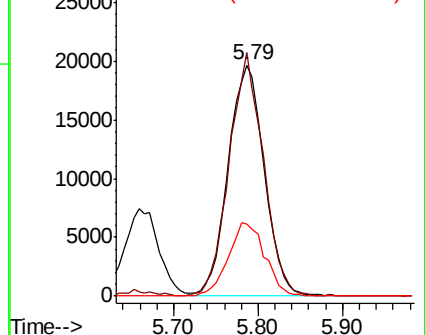
121 31.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

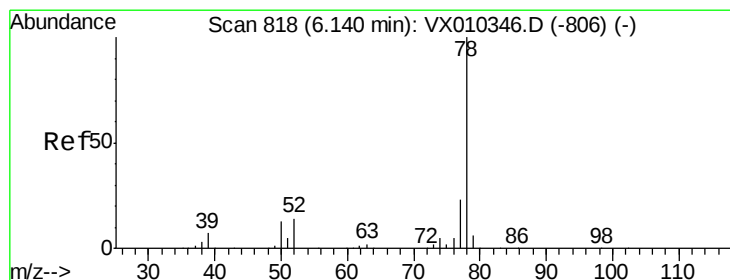
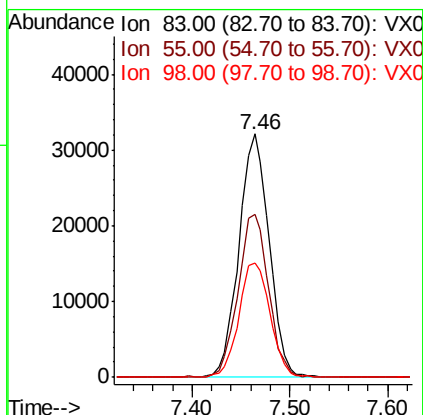
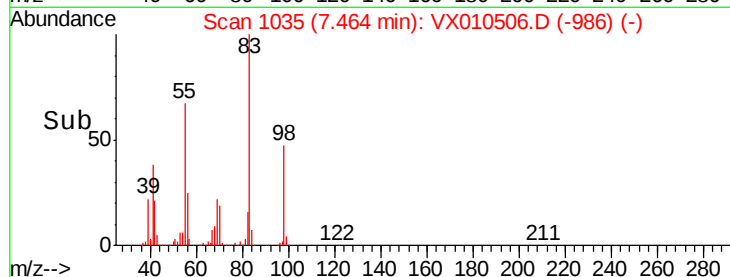
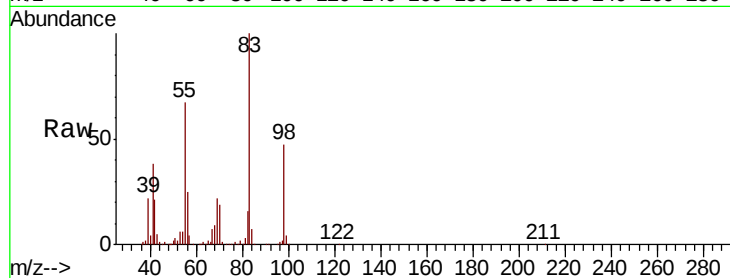




#39
Methvlcvclohexane
Concen: 17.788 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

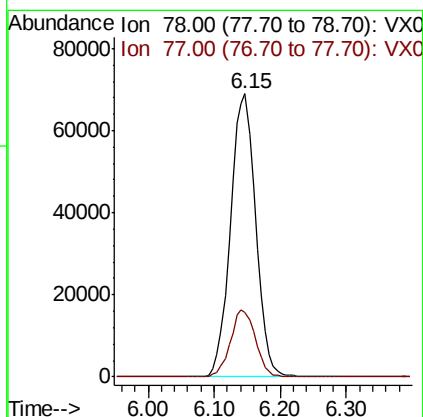
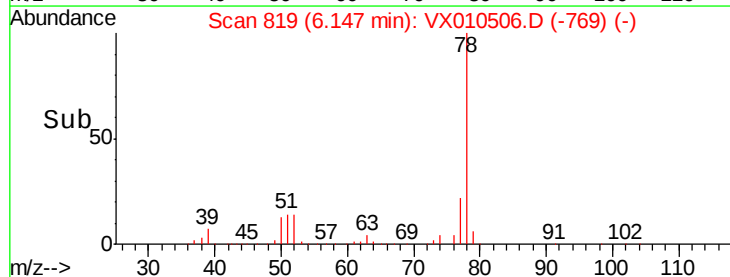
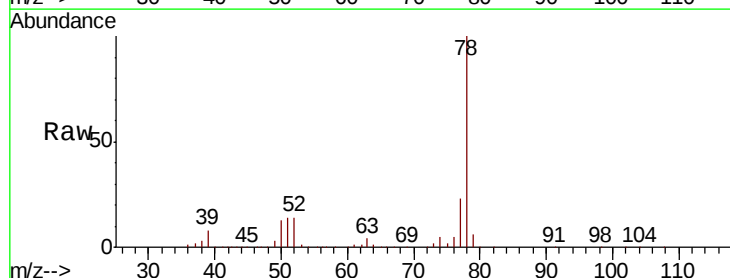
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

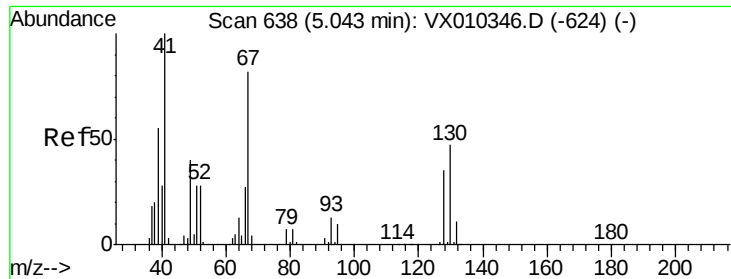
Tot Ion: 83 Resp: 68718
Ion Ratio Lower Upper
83 100
55 67.0 53.0 79.6
98 46.8 37.8 56.8



#40
Benzene
Concen: 19.868 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 78 Resp: 181907
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0

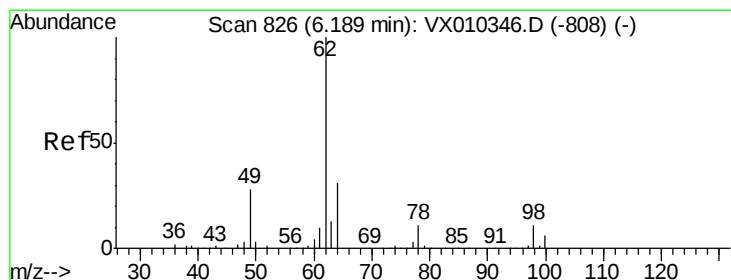
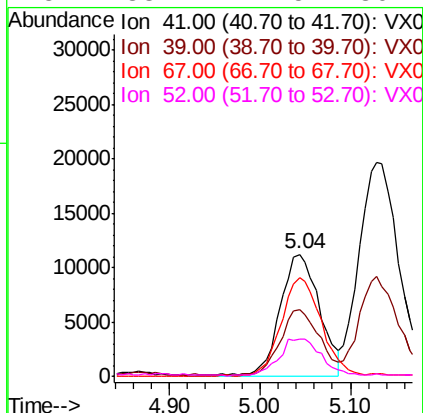
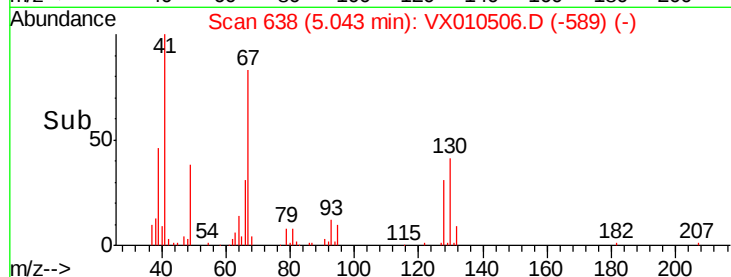
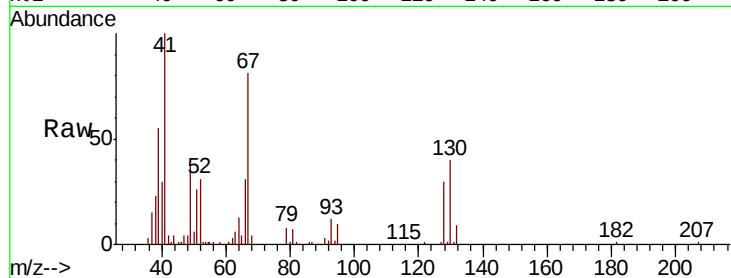




#41
Methacrylonitrile
Concen: 20.513 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

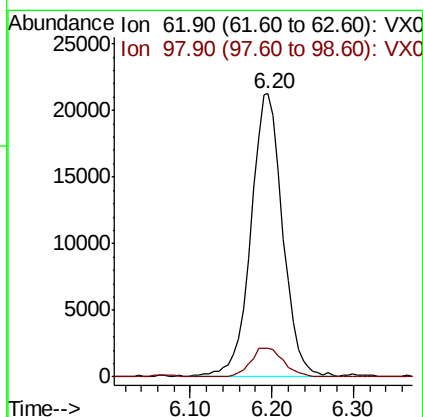
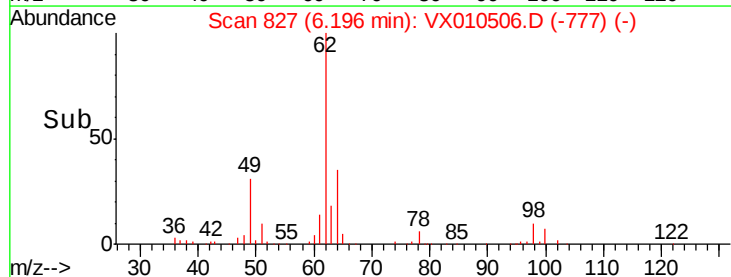
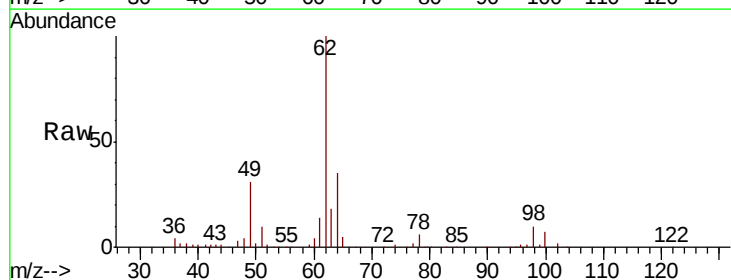
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

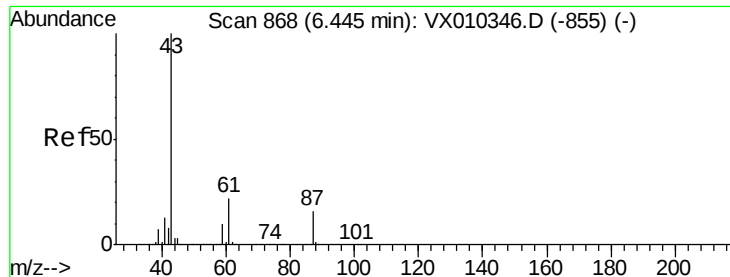
Tot Ion: 41 Resp: 34029
Ion Ratio Lower Upper
41 100
39 53.1 43.8 65.8
67 81.9 66.6 100.0
52 33.7 24.5 36.7



#42
1,2-Dichloroethane
Concen: 20.778 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 62 Resp: 57911
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.2



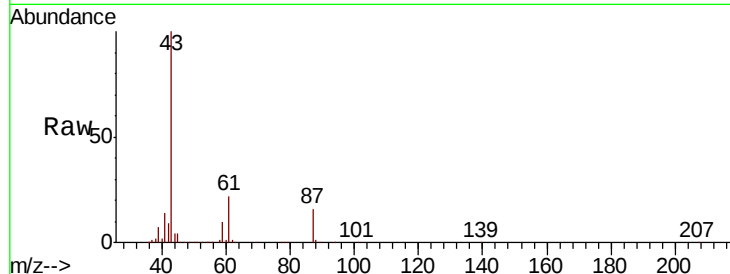


#43

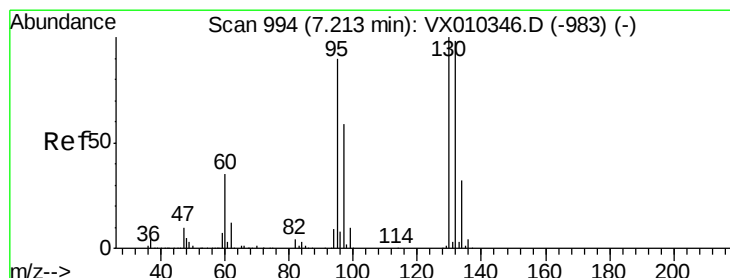
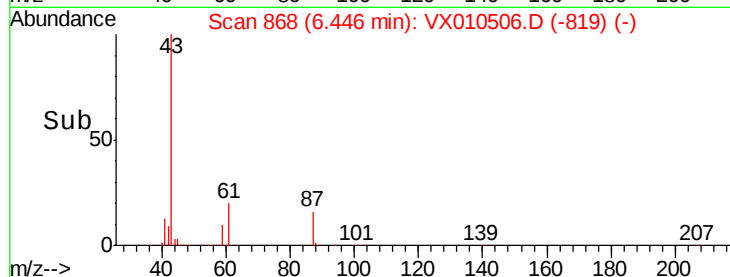
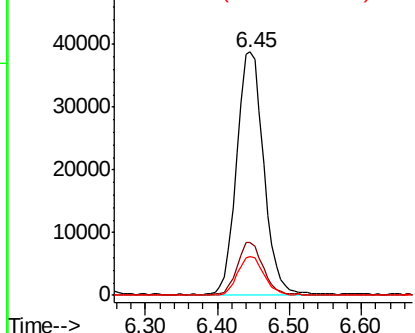
Isopropyl Acetate
 Concen: 20.188 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

Tot Ion: 43 Resp: 100981
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.8 26.6
 87 15.8 13.0 19.4



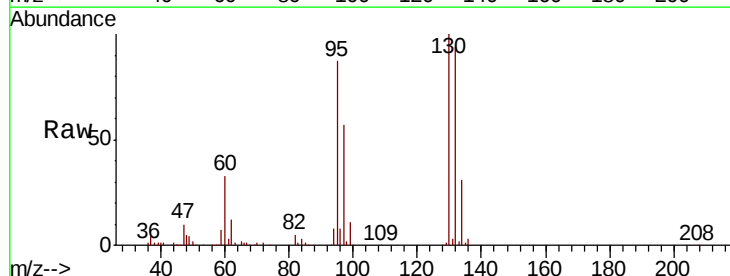
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



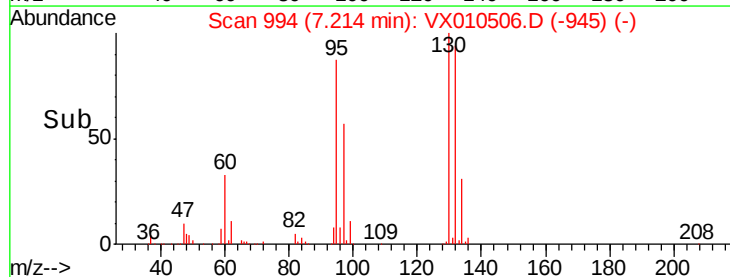
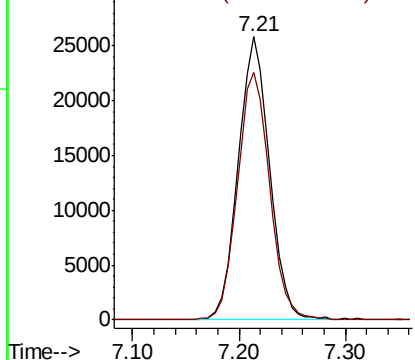
#44

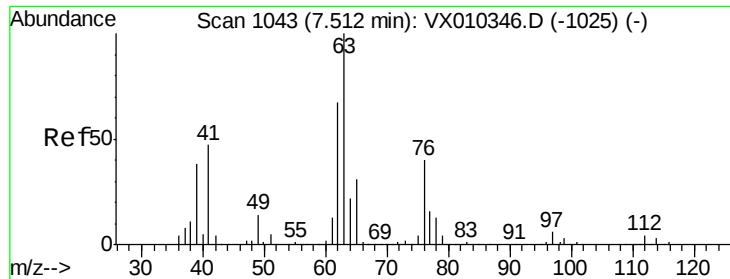
Trichloroethene
 Concen: 19.574 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Tgt Ion: 130 Resp: 53628
 Ion Ratio Lower Upper
 130 100
 95 87.5 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: 19.751 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

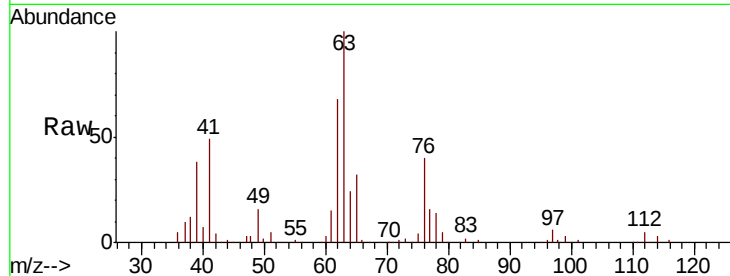
VX0627WBS02

Tot Ion: 63 Resp: 45668

Ion Ratio Lower Upper

63 100

65 31.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

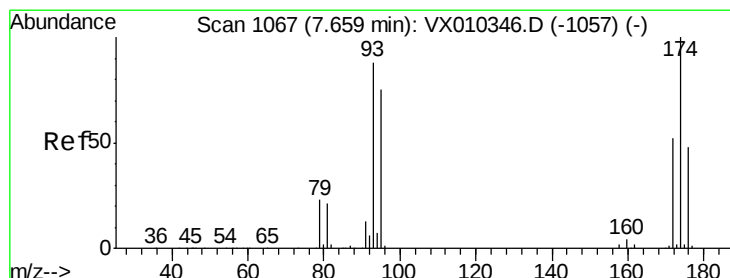
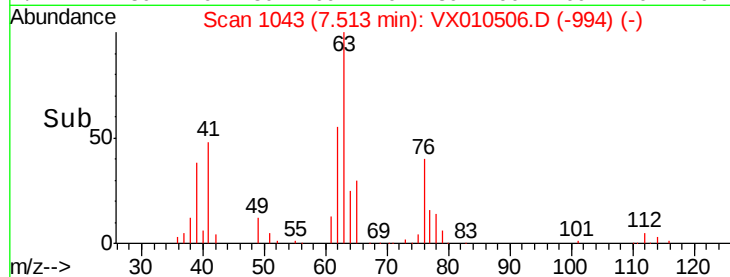
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 20.048 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

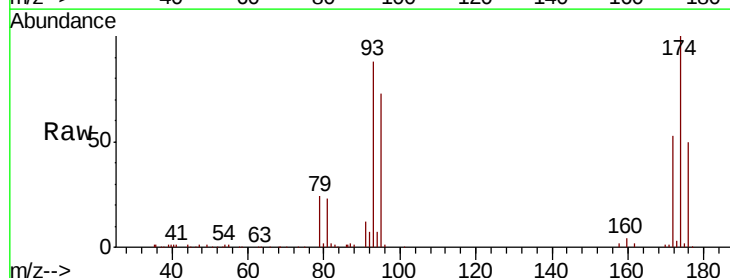
Tgt Ion: 93 Resp: 33258

Ion Ratio Lower Upper

93 100

95 84.2 67.5 101.3

174 117.8 95.8 143.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

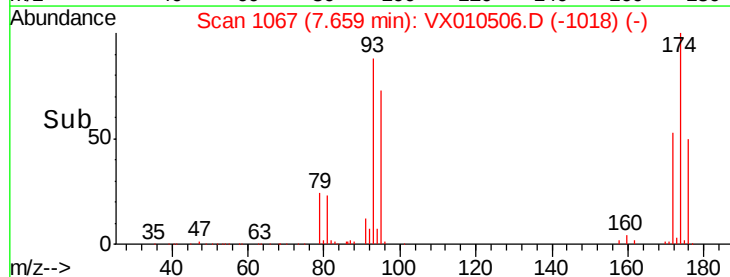
10000

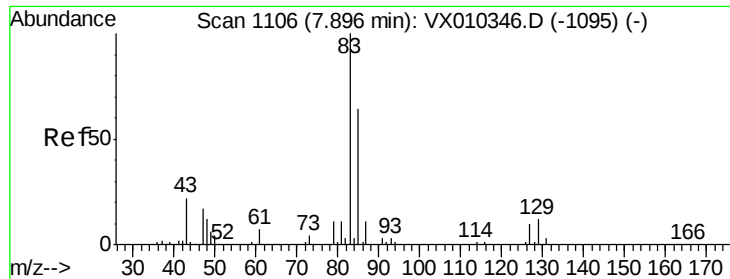
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 19.123 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

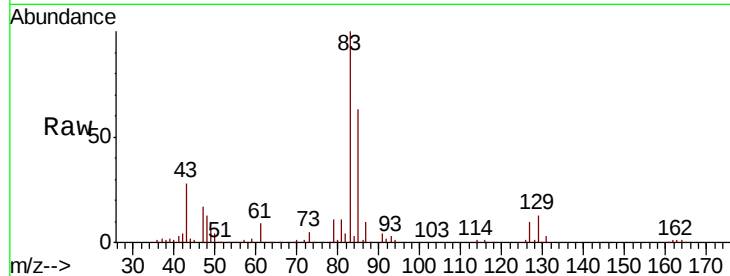
Tot Ion: 83 Resp: 58137

Ion Ratio Lower Upper

83 100

85 63.4 51.5 77.3

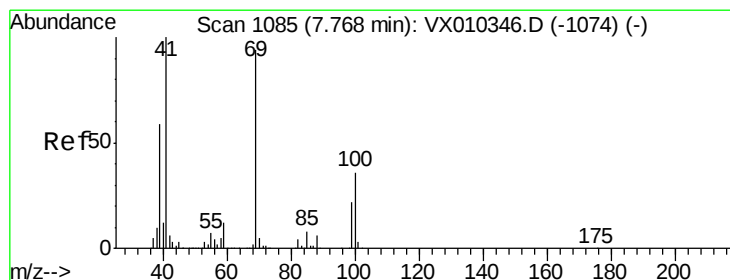
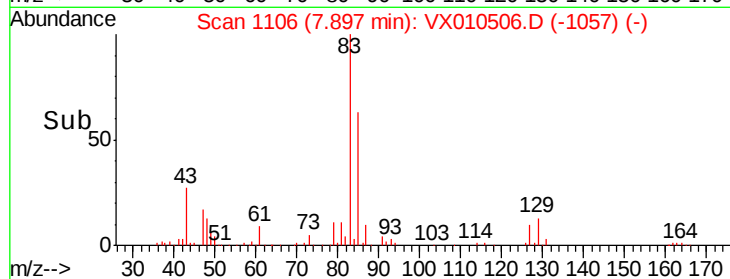
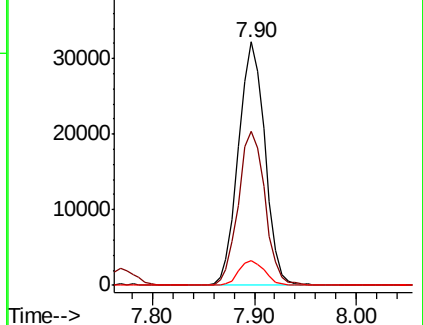
127 10.0 7.8 11.8



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: 20.101 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

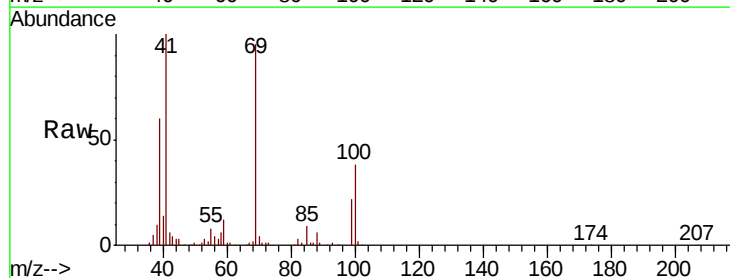
Tgt Ion: 41 Resp: 46737

Ion Ratio Lower Upper

41 100

69 95.9 76.1 114.1

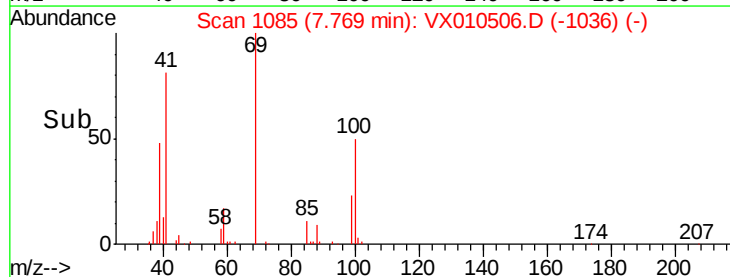
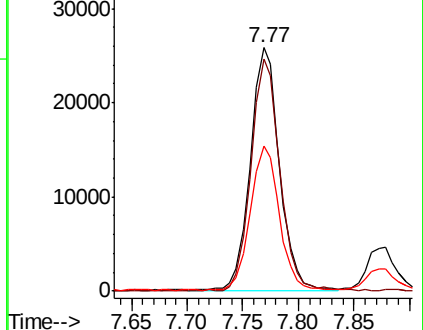
39 61.0 47.6 71.4

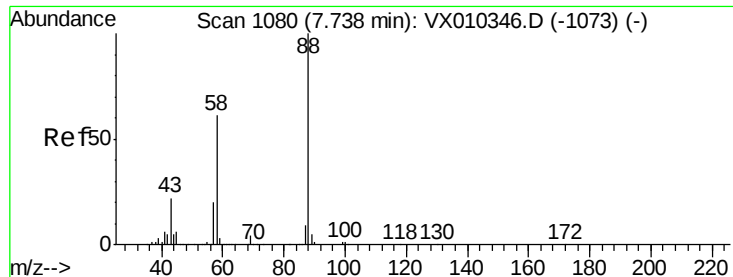


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

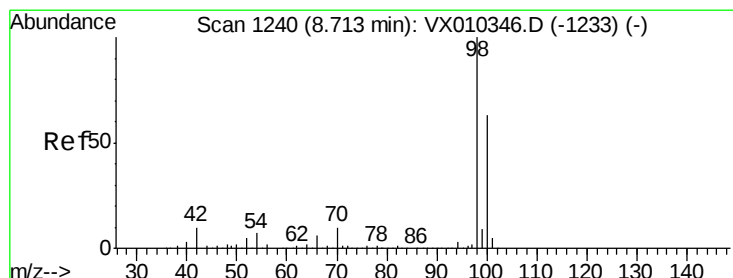
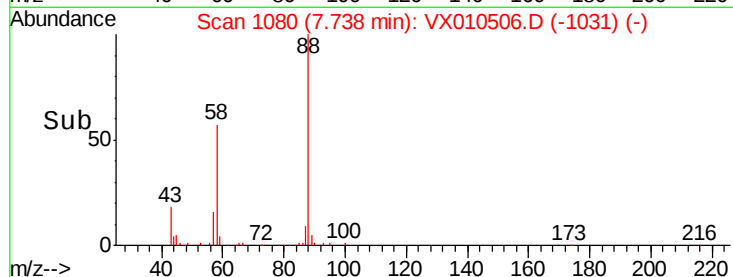
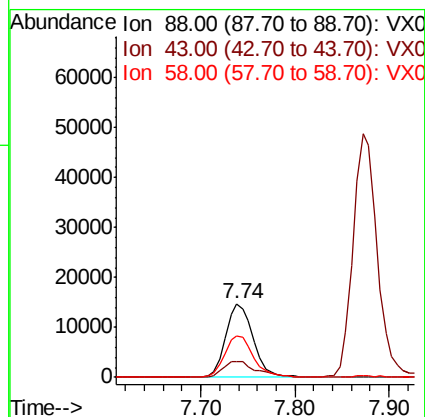
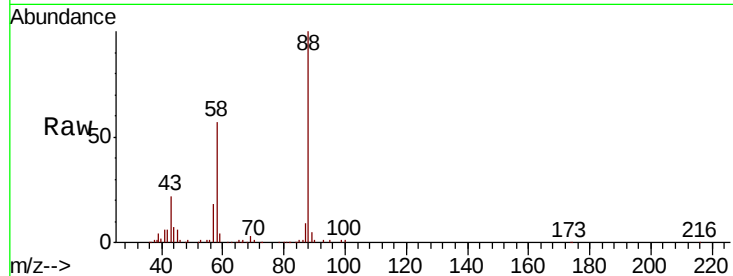




#49
1,4-Dioxane
Concen: 445.914 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

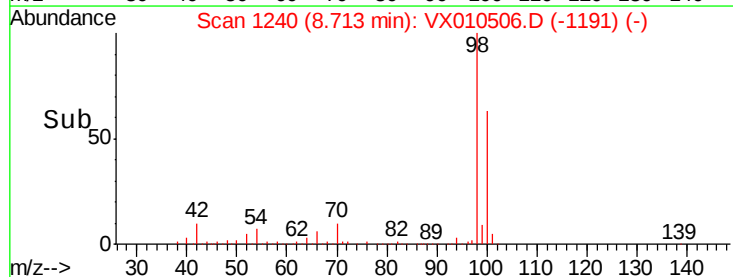
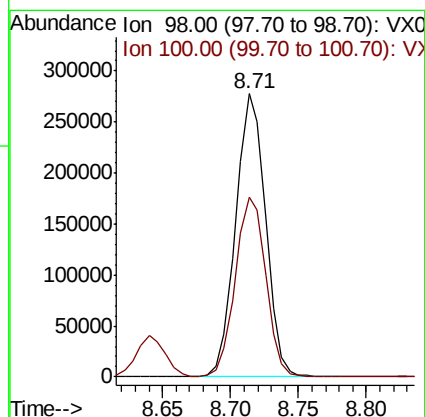
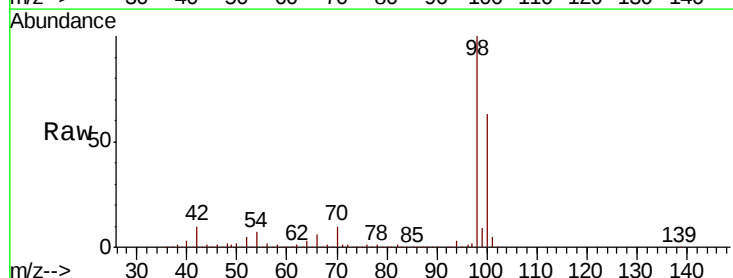
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

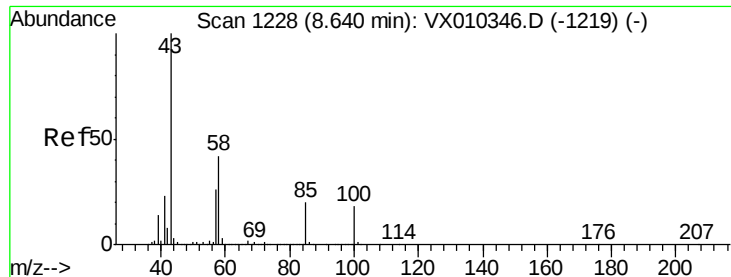
Tot Ion: 88 Resp: 29867
Ion Ratio Lower Upper
88 100
43 24.5 20.2 30.2
58 59.1 49.5 74.3



#50
Toluene-d8
Concen: 49.187 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 98 Resp: 425807
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

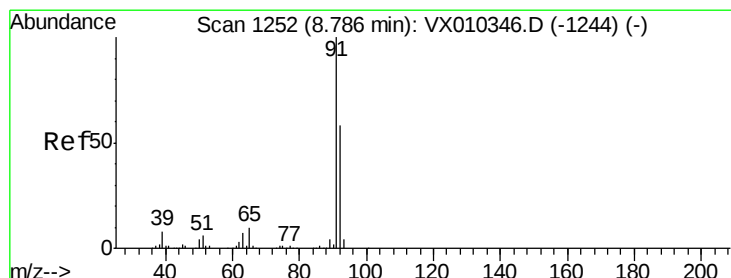
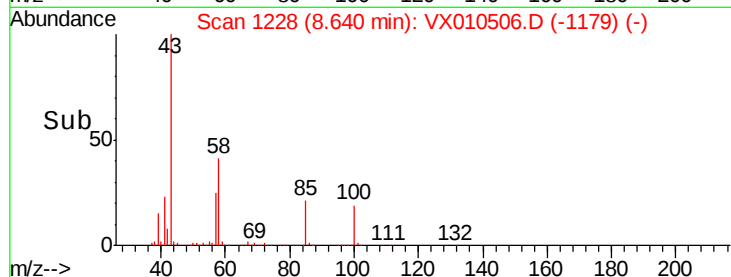
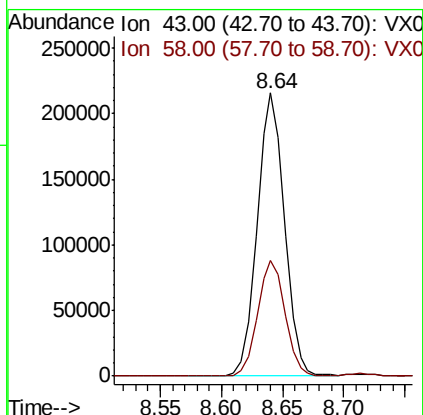
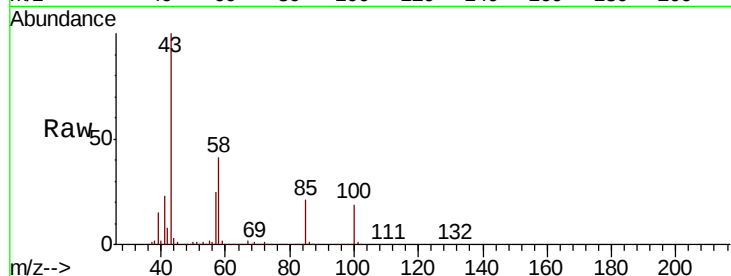




#51
4-Methyl-2-Pentanone
Concen: 104.984 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

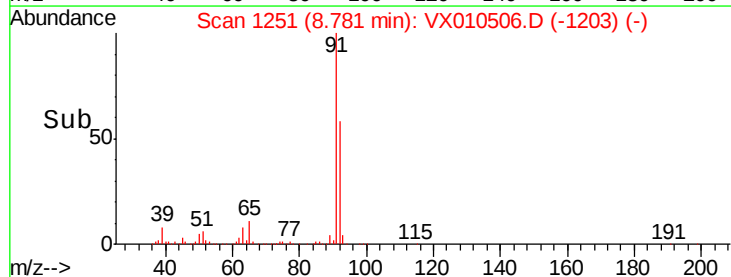
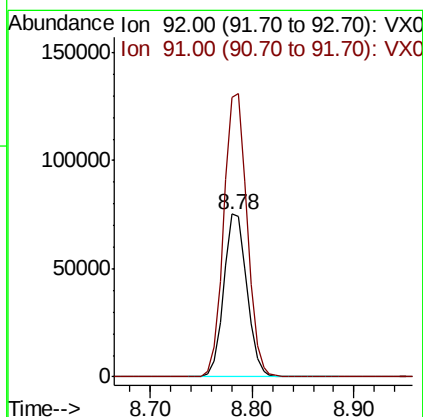
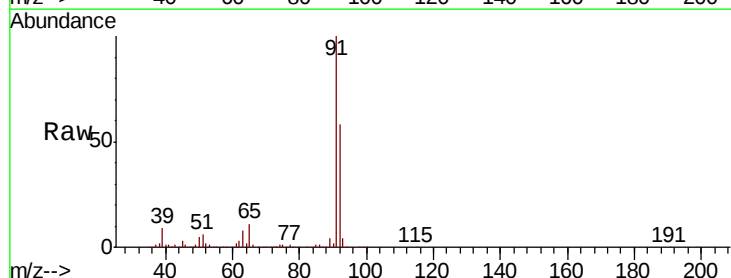
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

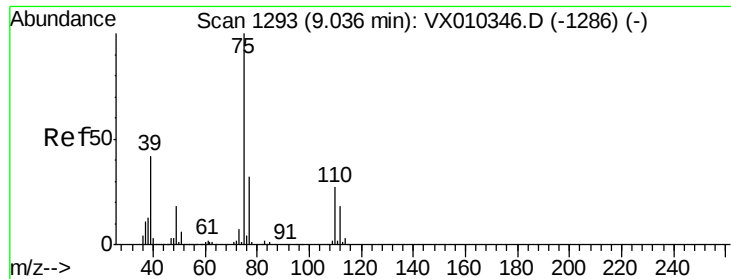
Tot Ion: 43 Resp: 335864
Ion Ratio Lower Upper
43 100
58 41.1 33.5 50.3



#52
Toluene
Concen: 19.637 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 92 Resp: 118401
Ion Ratio Lower Upper
92 100
91 175.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 17.413 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

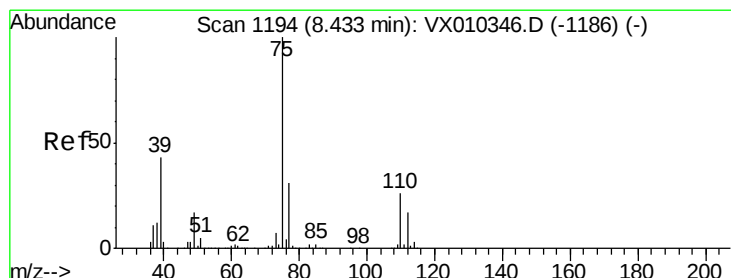
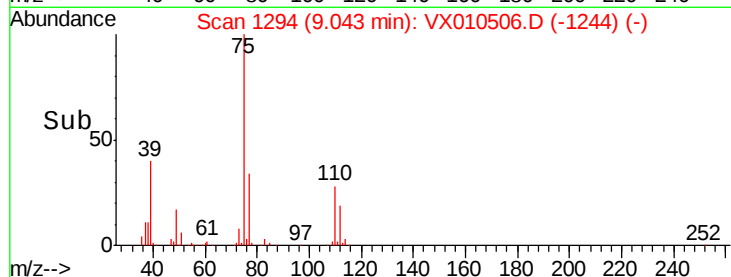
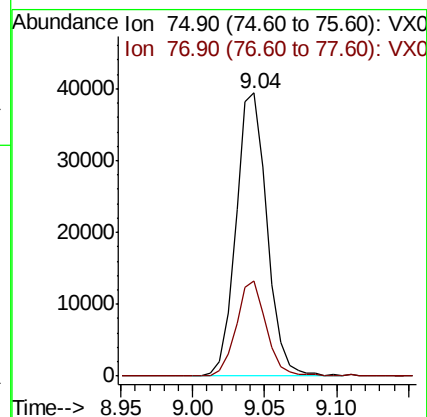
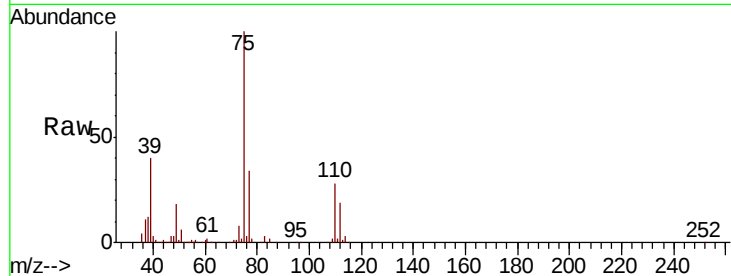
VX0627WBS02

Tot Ion: 75 Resp: 59352

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.073 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

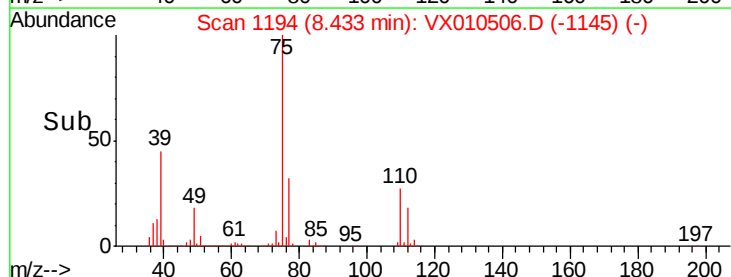
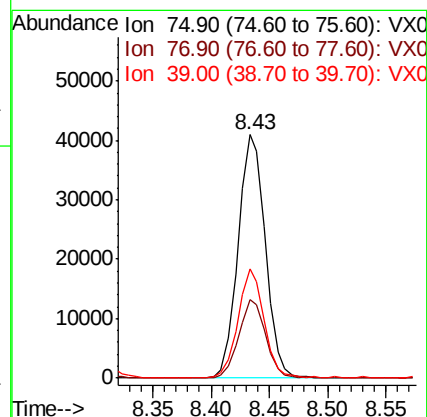
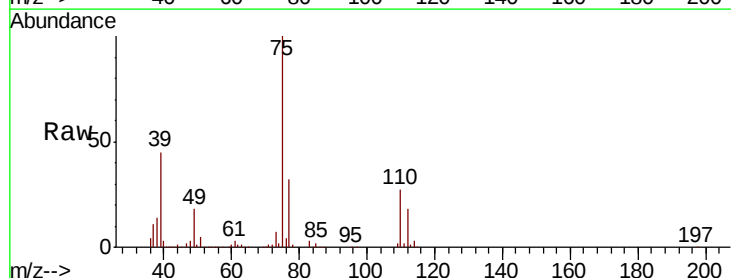
Tgt Ion: 75 Resp: 66941

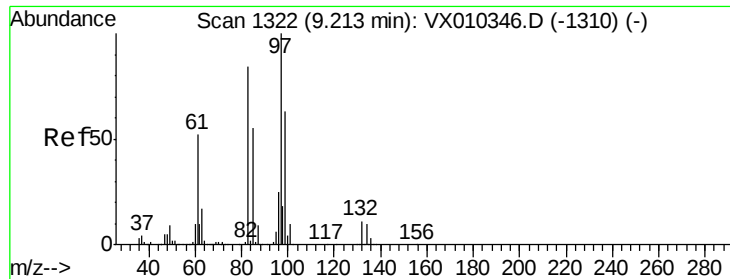
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 44.7 34.5 51.7

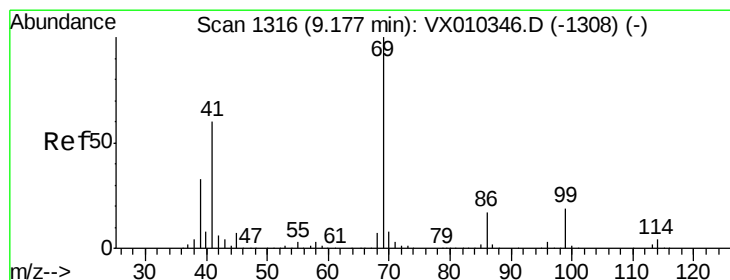
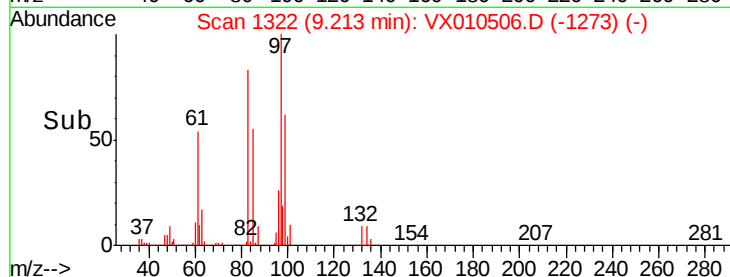
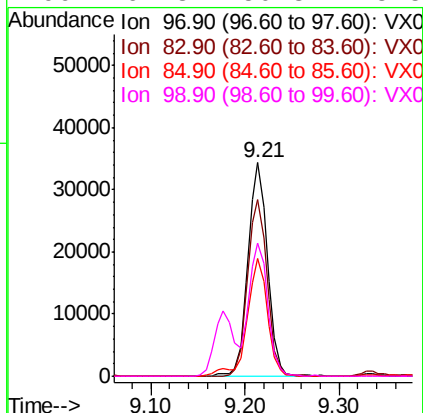
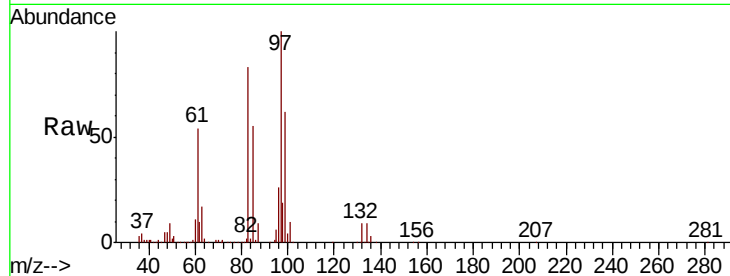




#55
 1,1,2-Trichloroethane
 Concen: 20.119 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

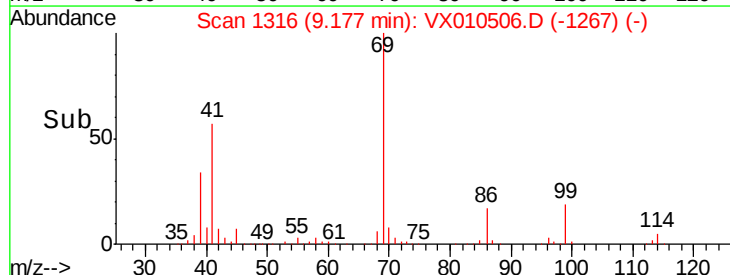
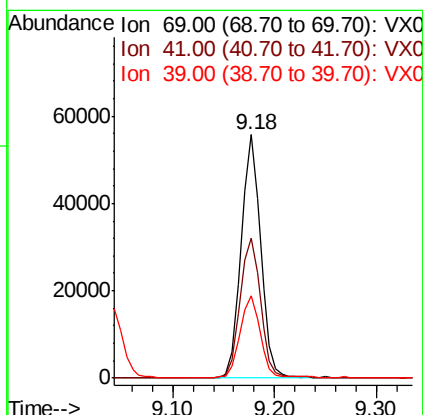
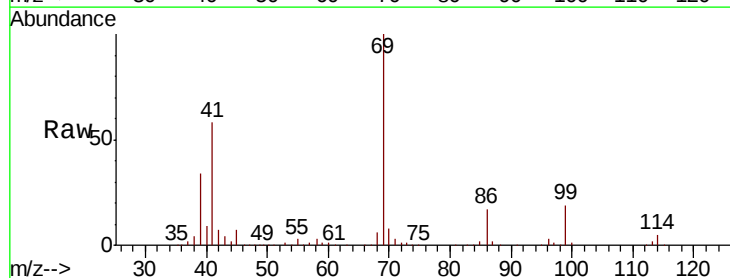
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

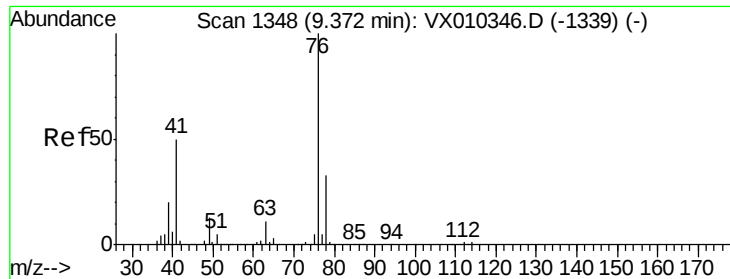
Tot Ion: 97 Resp: 50031
 Ion Ratio Lower Upper
 97 100
 83 82.6 67.4 101.0
 85 55.4 43.8 65.8
 99 62.3 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 19.552 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Tgt Ion: 69 Resp: 73652
 Ion Ratio Lower Upper
 69 100
 41 59.4 47.1 70.7
 39 34.5 26.6 40.0





#57

1,3-Dichloropropane

Concen: 20.016 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

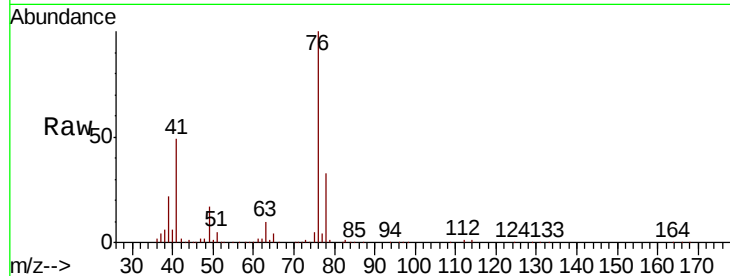
VX0627WBS02

Tot Ion: 76 Resp: 77265

Ion Ratio Lower Upper

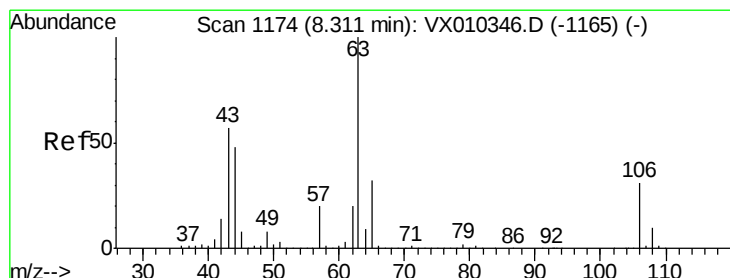
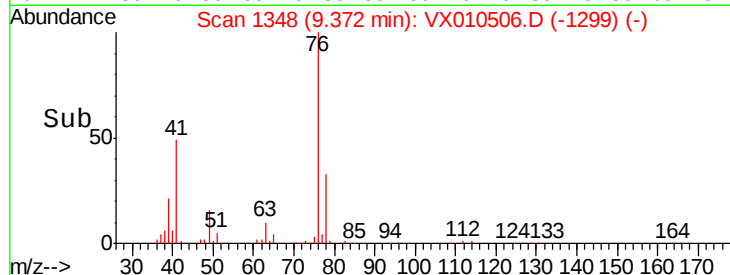
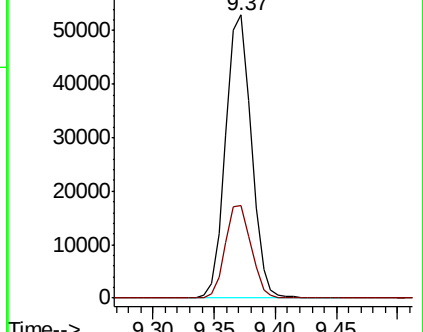
76 100

78 33.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.516 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010506.D

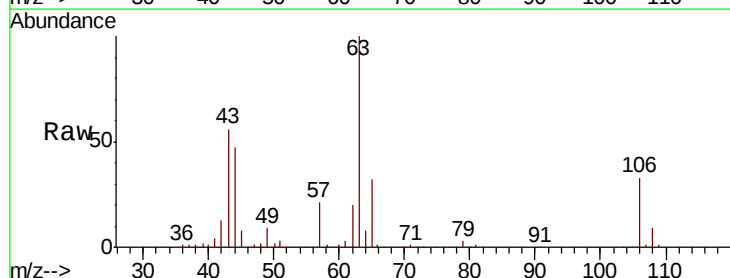
Acq: 27 Jun 2019 23:53

Tgt Ion: 63 Resp: 170885

Ion Ratio Lower Upper

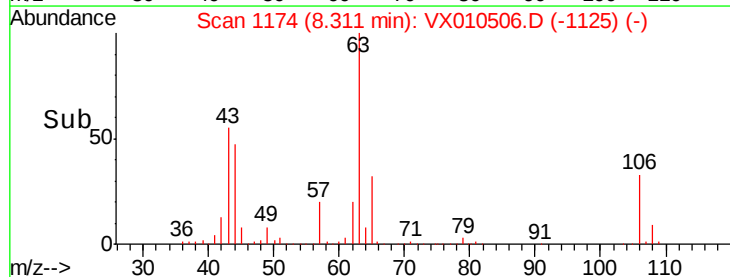
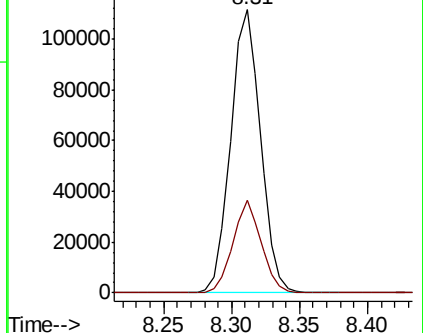
63 100

106 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

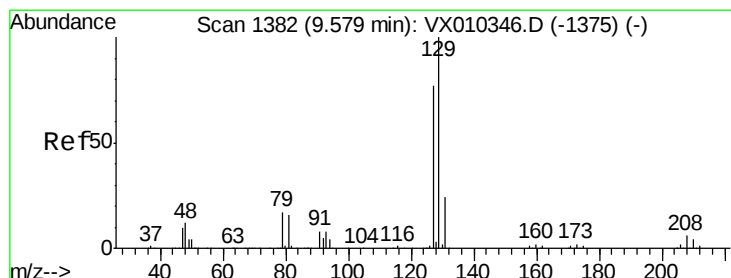
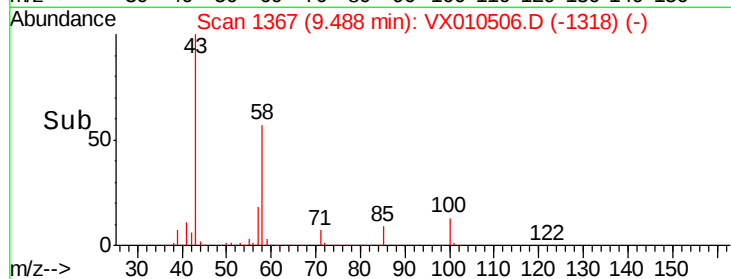
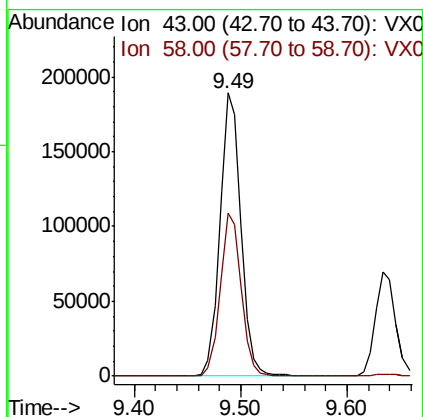
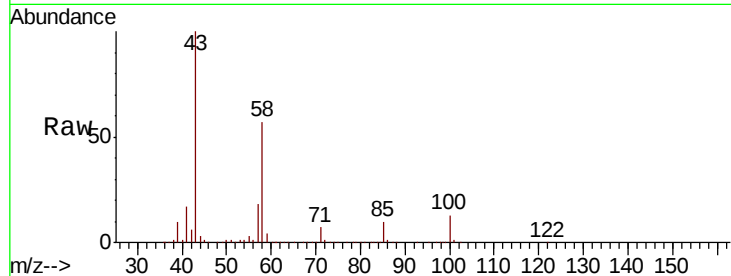




#59
2-Hexanone
Concen: 103.225 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

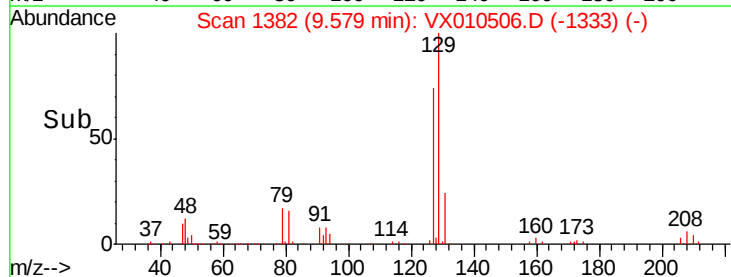
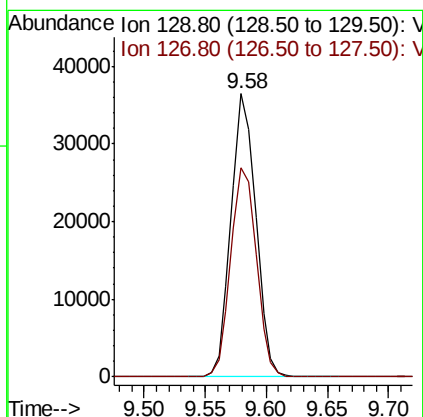
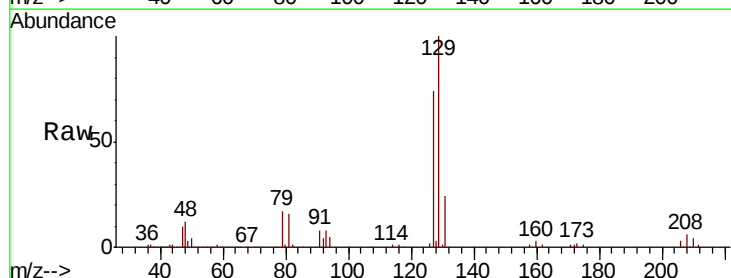
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

Tot Ion: 43 Resp: 259908
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1



#60
Dibromochloromethane
Concen: 18.438 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion:129 Resp: 51336
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1

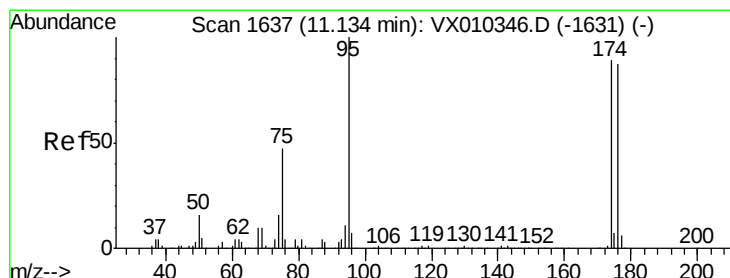
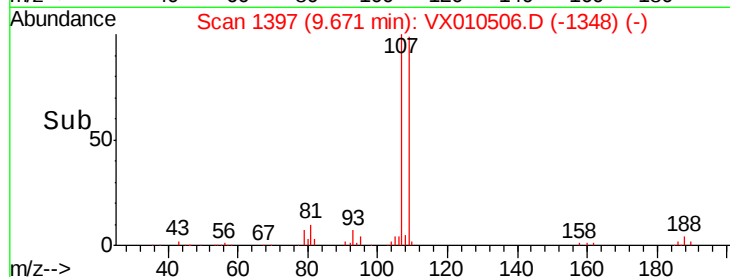
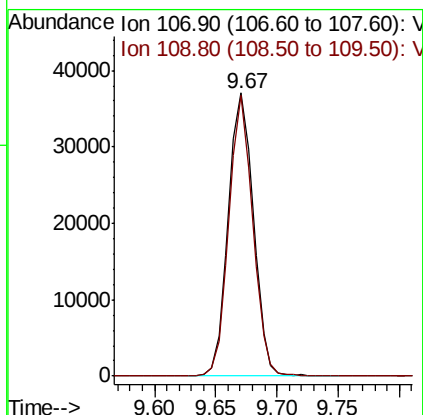
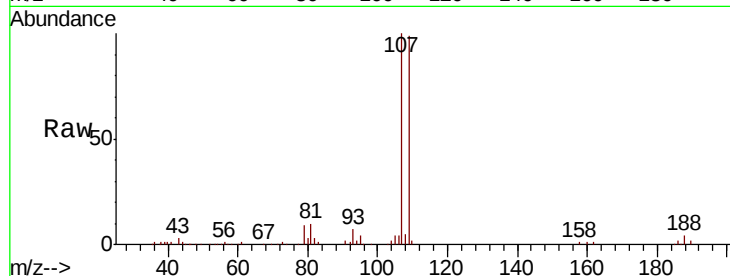




#61
 1,2-Dibromoethane
 Concen: 19.630 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

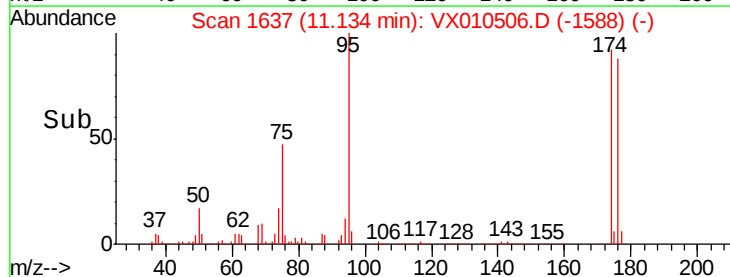
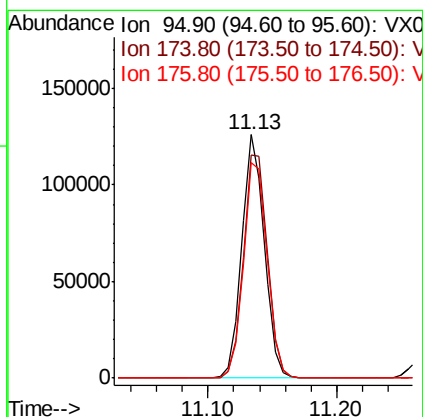
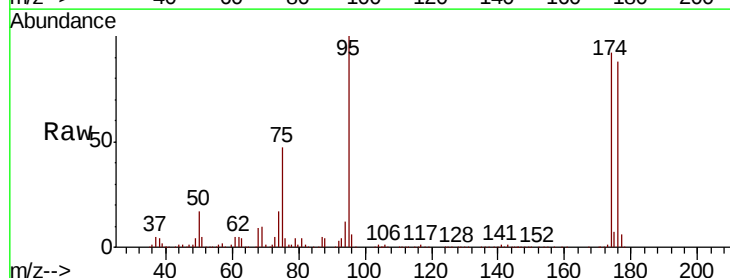
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

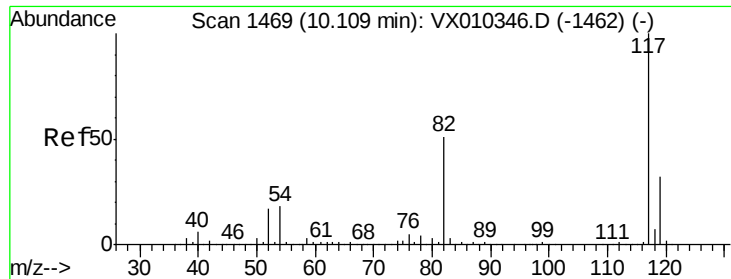
Tot Ion: 107 Resp: 52690
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.447 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Tgt Ion: 95 Resp: 151415
 Ion Ratio Lower Upper
 95 100
 174 97.9 0.0 187.6
 176 93.3 0.0 184.0

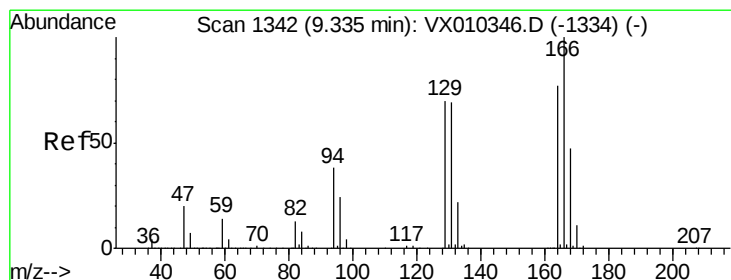
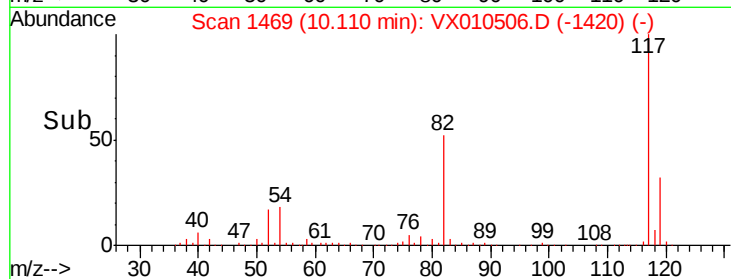
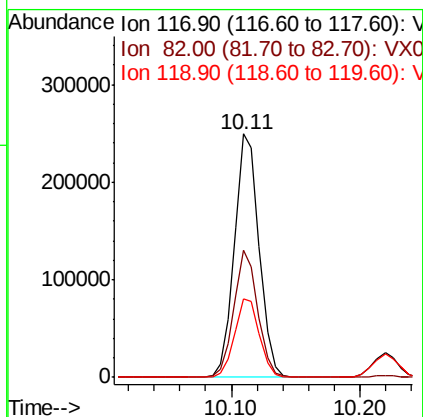
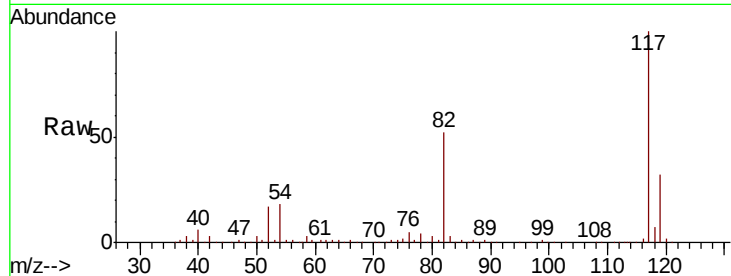




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

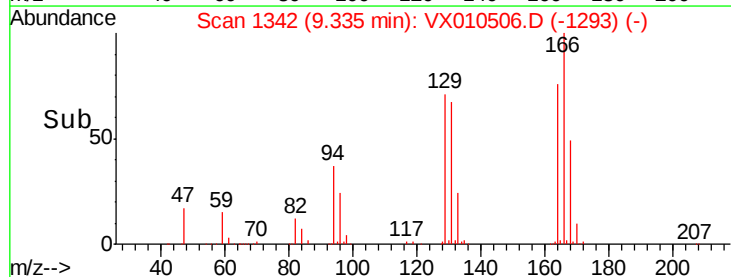
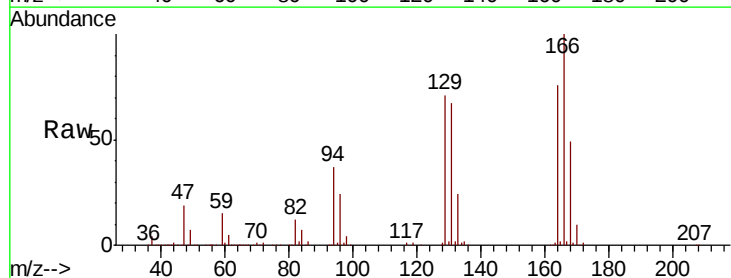
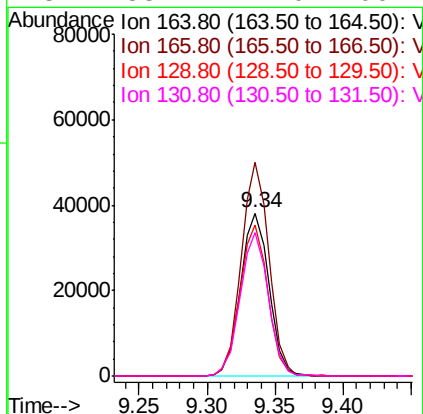
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

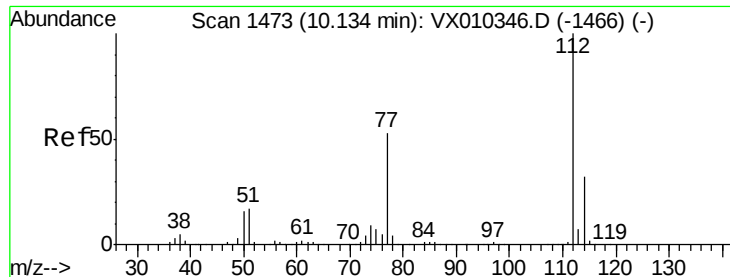
Tot Ion:117 Resp: 333022
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 20.729 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion:164 Resp: 55835
Ion Ratio Lower Upper
164 100
166 131.3 103.6 155.4
129 92.8 73.0 109.4
131 88.4 71.0 106.4

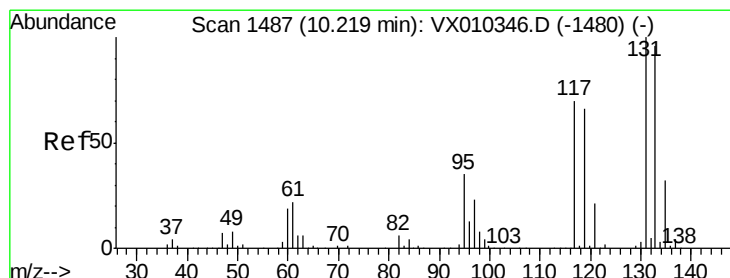
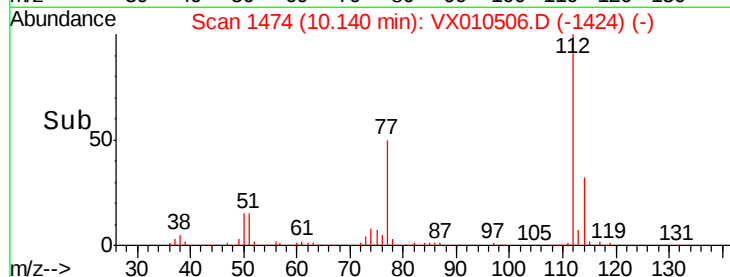
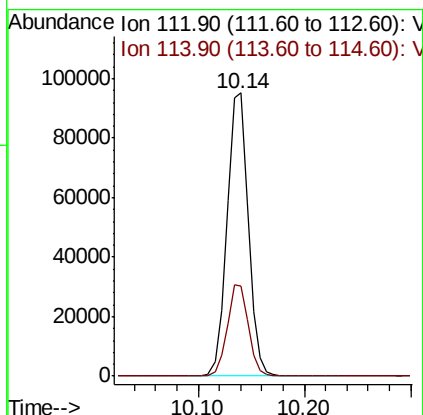
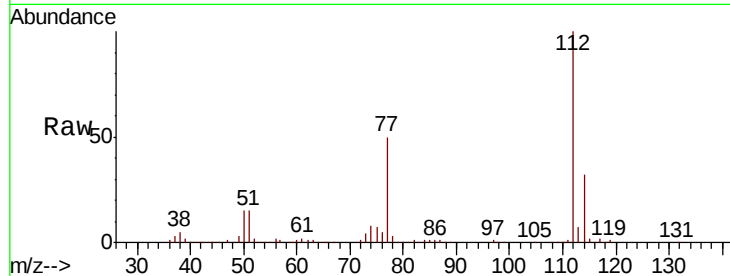




#65
Chlorobenzene
Concen: 19.791 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

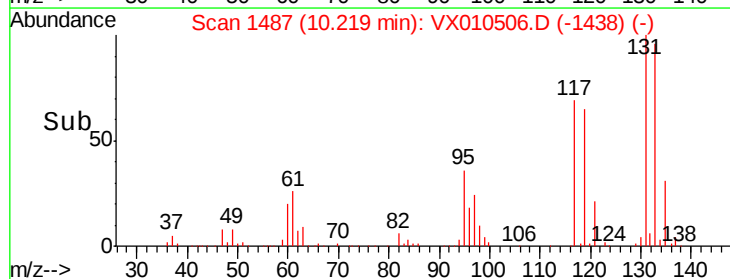
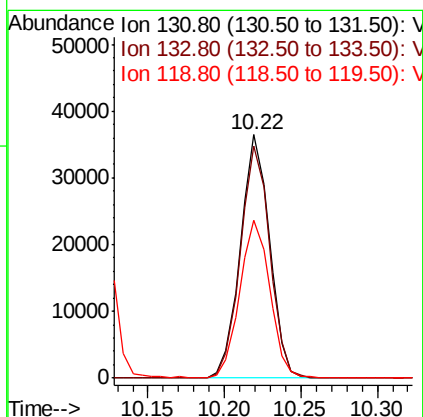
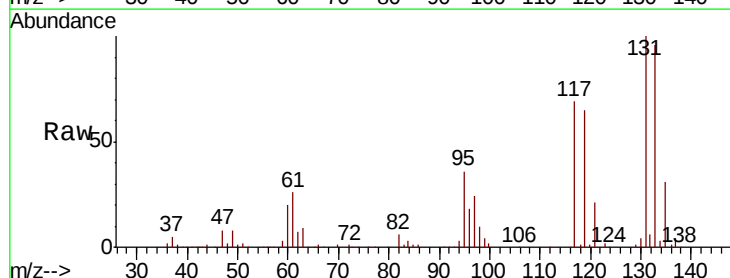
Instrument :
MSVOA_X
ClientSampled :
VX0627WBS02

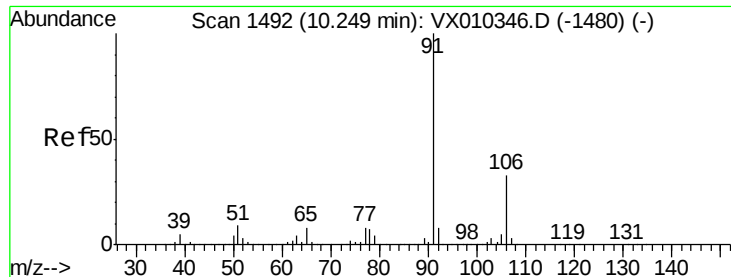
Tot Ion:112 Resp: 133804
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.640 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion:131 Resp: 48368
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 67.1 32.6 97.7

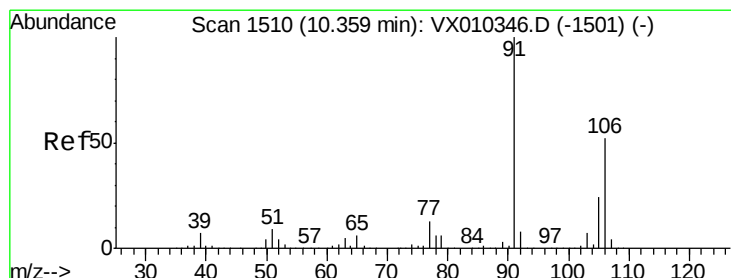
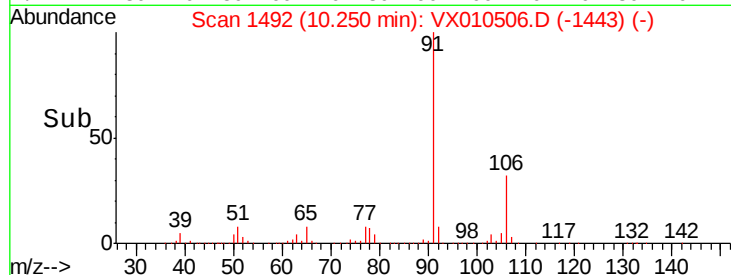
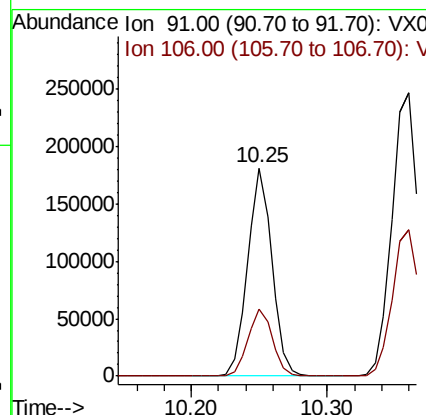
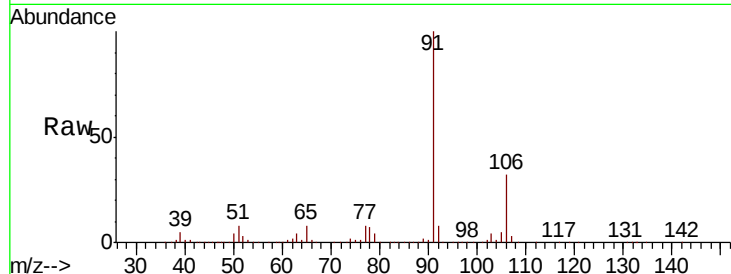




#67
Ethyl Benzene
Concen: 19.852 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

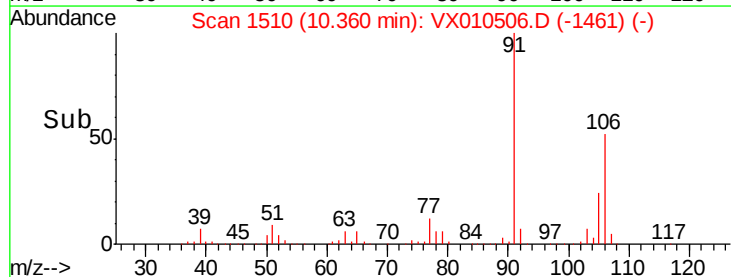
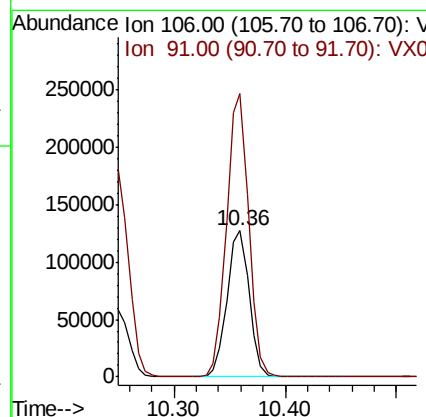
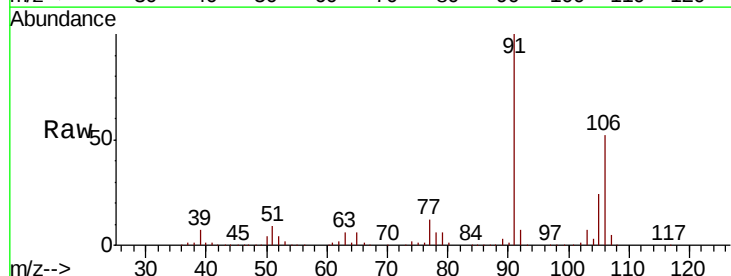
Instrument :
MSVOA_X
ClientSampled :
VX0627WBS02

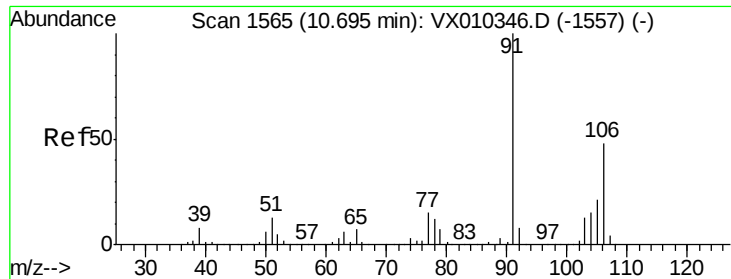
Tot Ion: 91 Resp: 226591
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



#68
m/p-Xylenes
Concen: 39.805 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 106 Resp: 176042
Ion Ratio Lower Upper
106 100
91 192.4 155.3 232.9

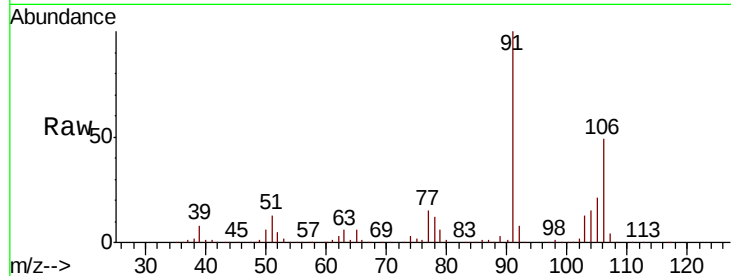




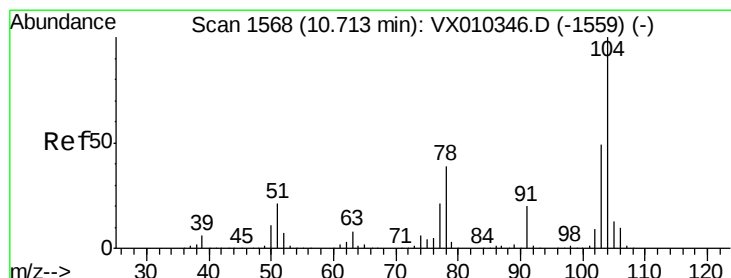
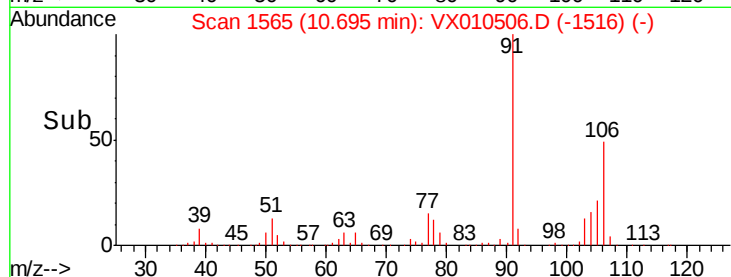
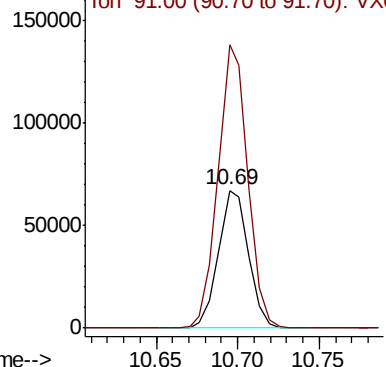
#69
o-Xylene
Concen: 19.963 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

Tot Ion:106 Resp: 86826
Ion Ratio Lower Upper
106 100
91 202.8 102.7 308.1

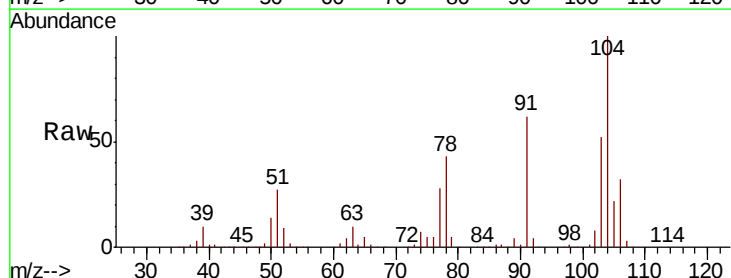


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

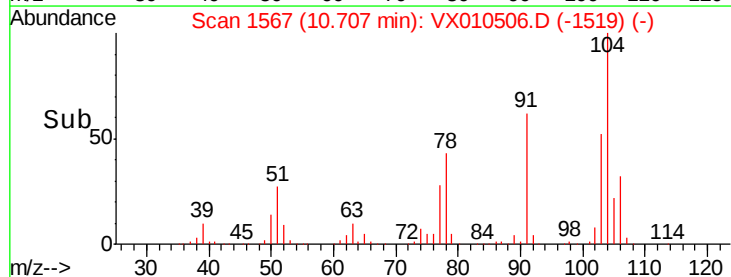
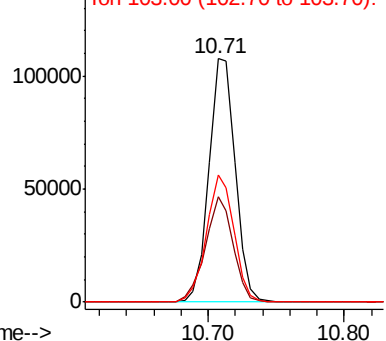


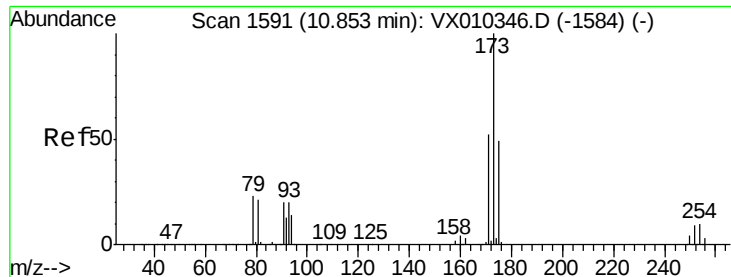
#70
Styrene
Concen: 19.962 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion:104 Resp: 145598
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.2
103 54.8 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: 17.808 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

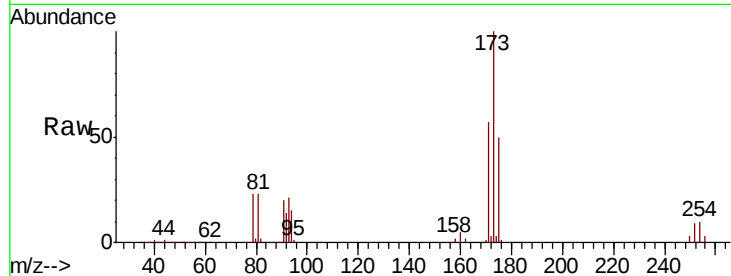
Tot Ion:173 Resp: 38137

Ion Ratio Lower Upper

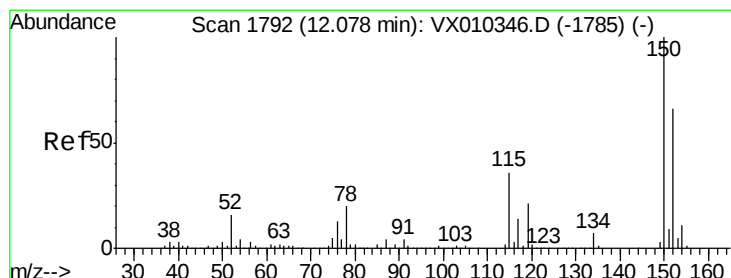
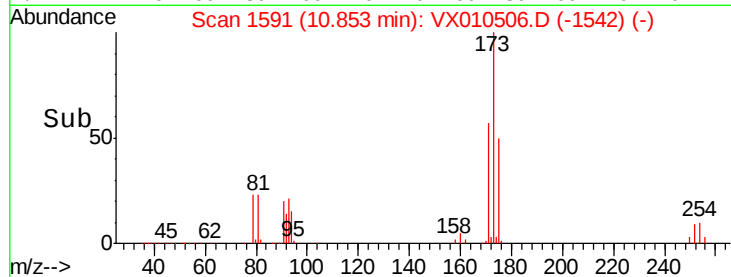
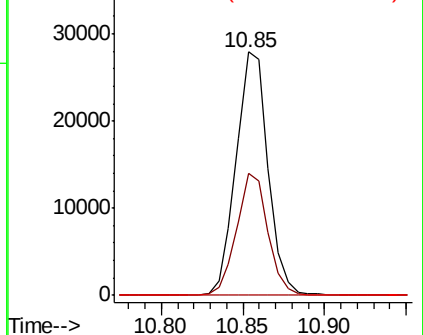
173 100

175 49.0 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: VX010506.D

Acq: 27 Jun 2019 23:53

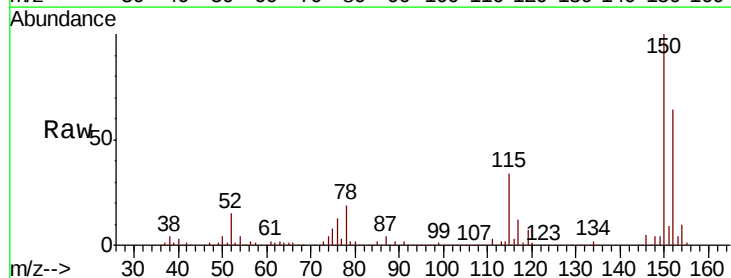
Tgt Ion:152 Resp: 171645

Ion Ratio Lower Upper

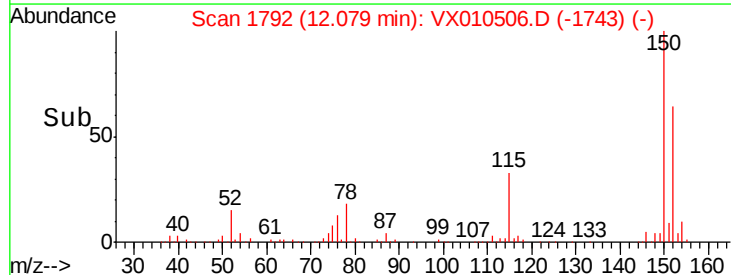
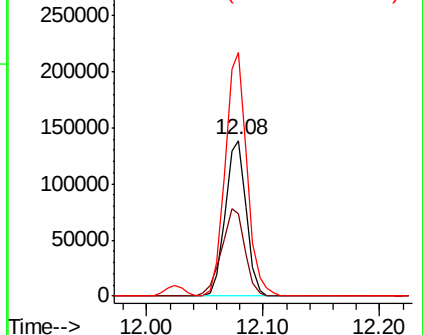
152 100

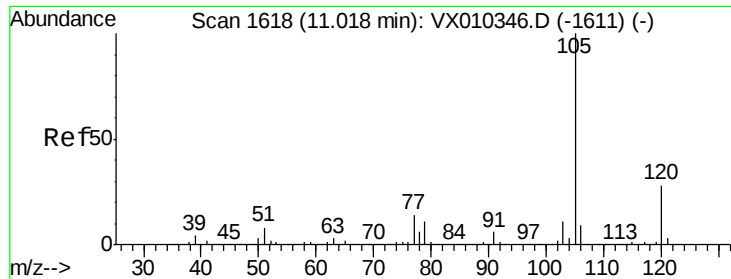
115 62.6 38.6 115.7

150 162.4 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: 19.486 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

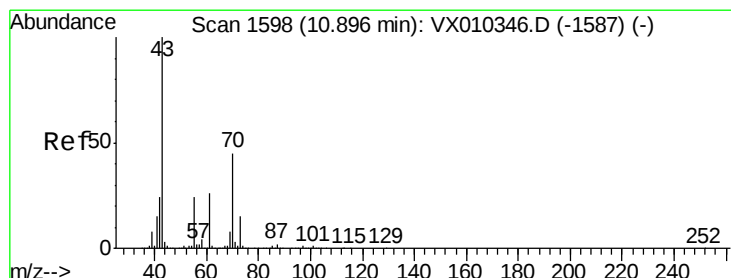
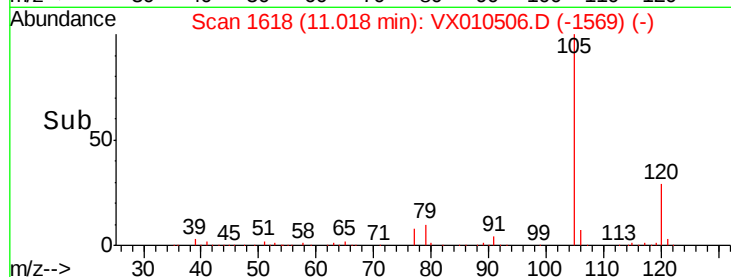
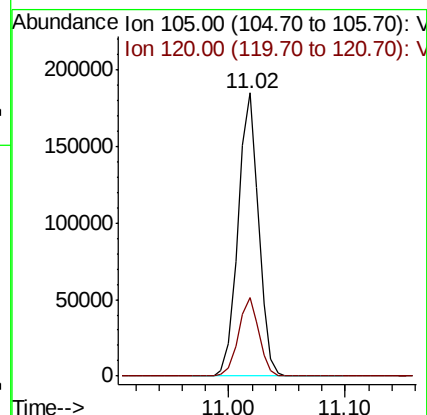
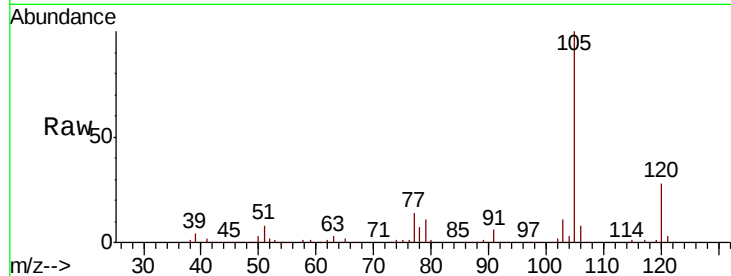
VX0627WBS02

Tot Ion:105 Resp: 226727

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



#74

N-ethyl acetate

Concen: 20.116 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Tgt Ion: 43 Resp: 88456

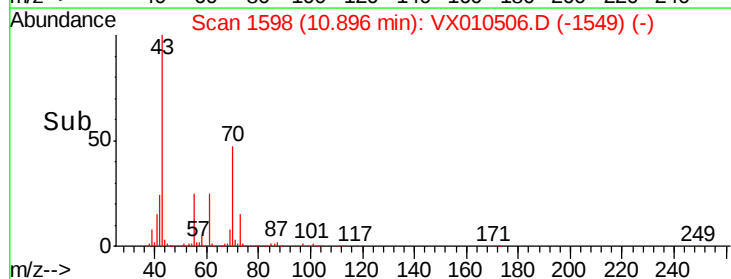
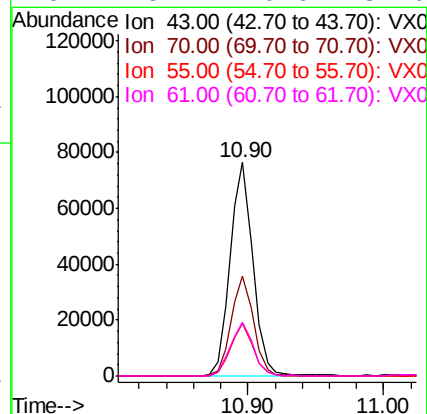
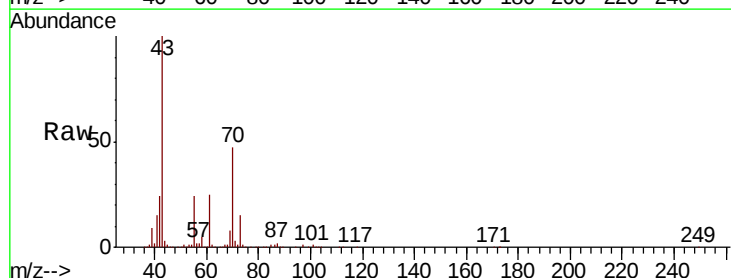
Ion Ratio Lower Upper

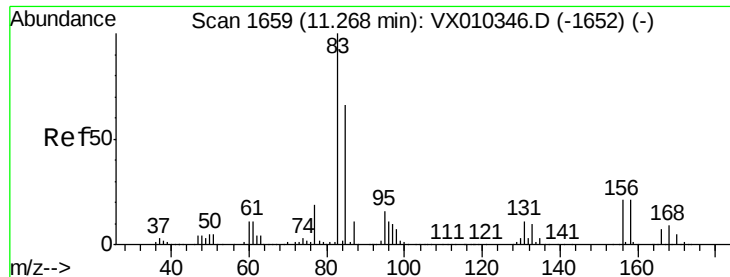
43 100

70 46.5 36.6 54.8

55 24.2 18.7 28.1

61 25.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.003 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

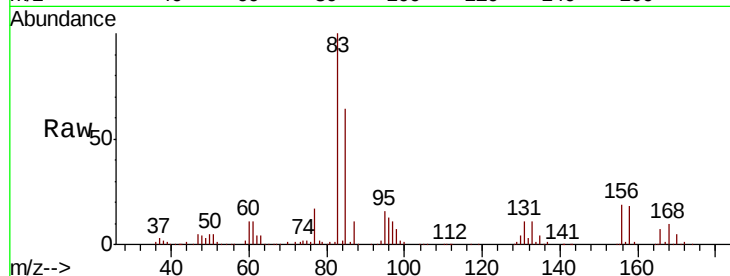
MSVOA_X

ClientSampleId :

VX0627WBS02

Tot Ion: 83 Resp: 77080

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.5	16.4
85	64.2	32.3	96.8

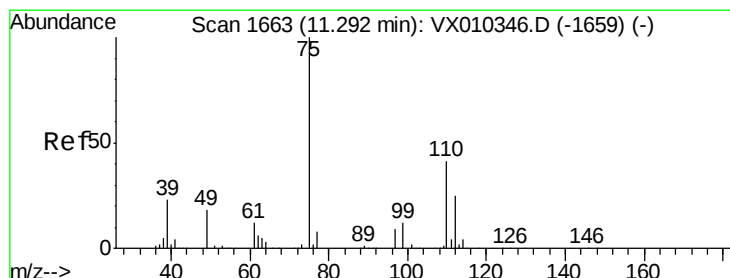
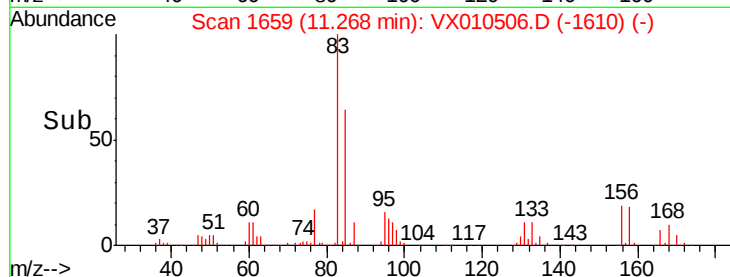
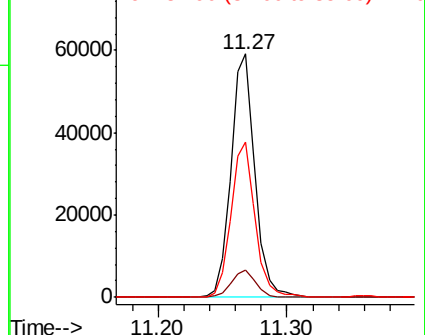


Abundance

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: 25.831 ug/l

RT: 11.29 min Scan# 1663

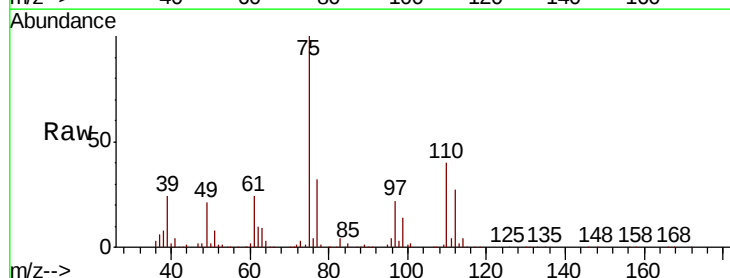
Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Tgt Ion: 75 Resp: 80794

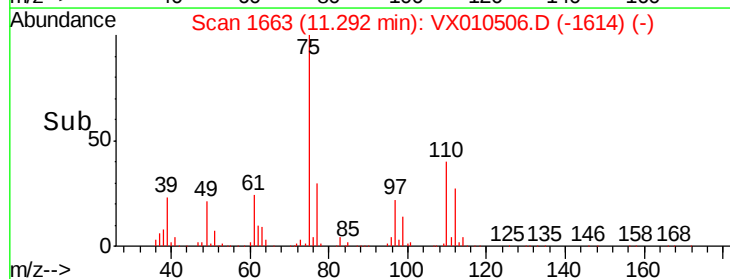
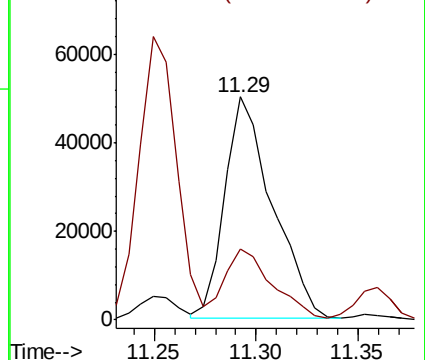
Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.6	67.8

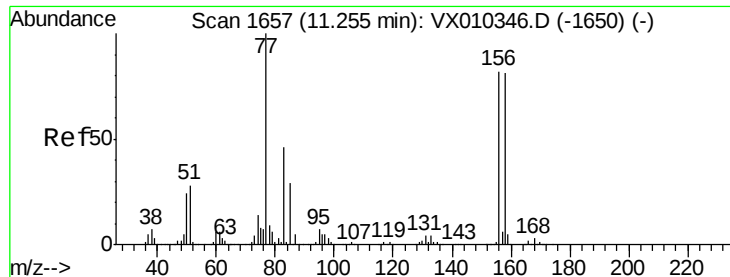


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.588 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

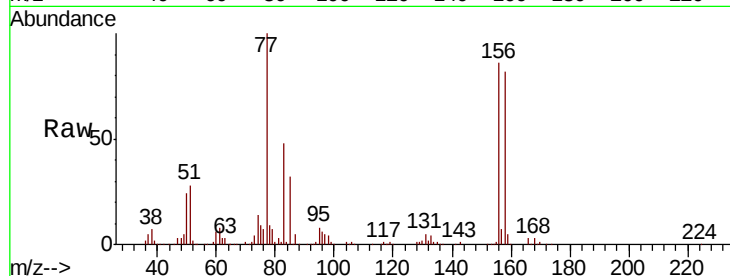
Tot Ion:156 Resp: 63640

Ion Ratio Lower Upper

156 100

77 129.2 66.3 198.7

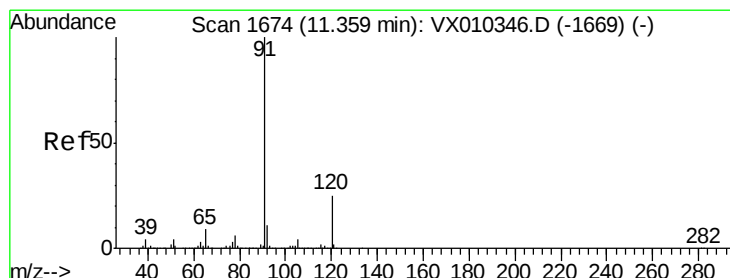
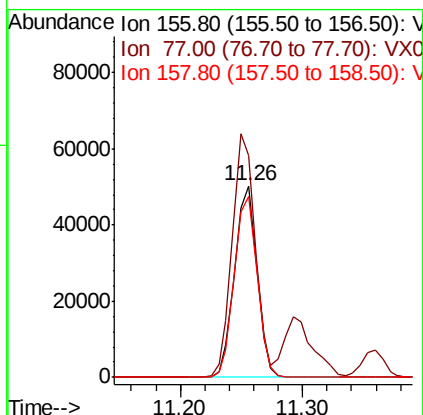
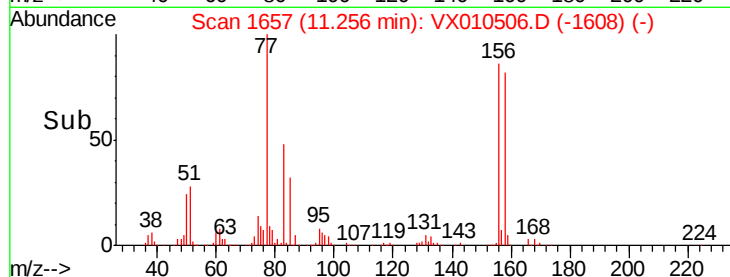
158 96.7 48.9 146.7



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: 19.340 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010506.D

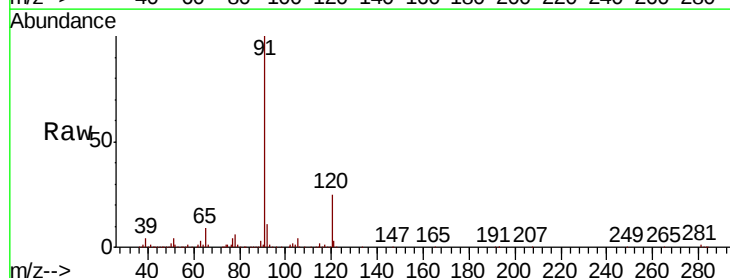
Acq: 27 Jun 2019 23:53

Tgt Ion: 91 Resp: 247316

Ion Ratio Lower Upper

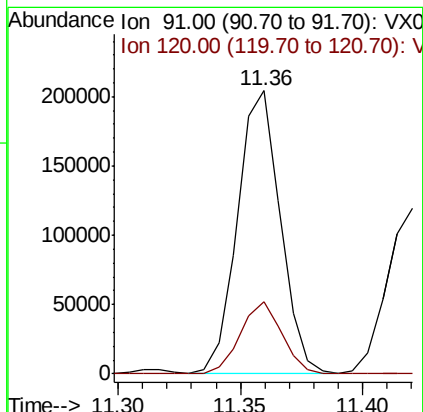
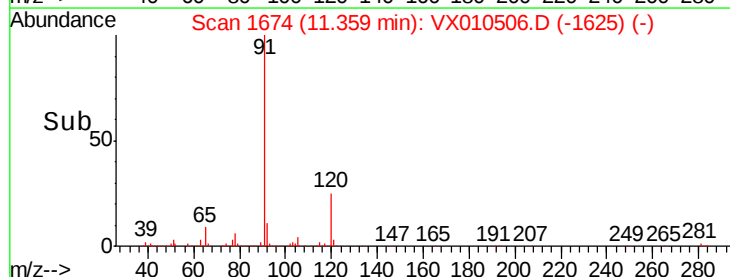
91 100

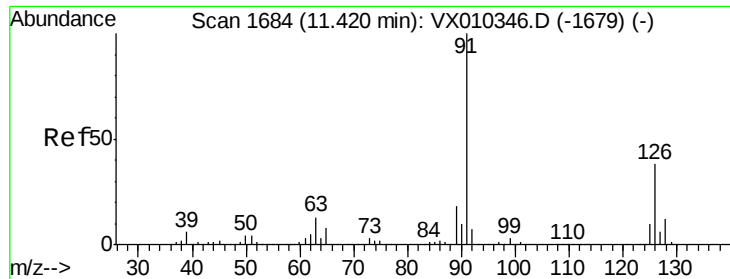
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

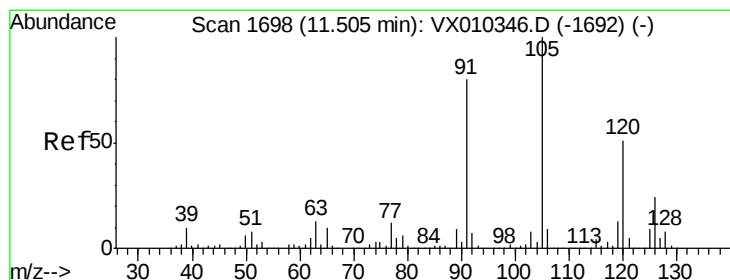
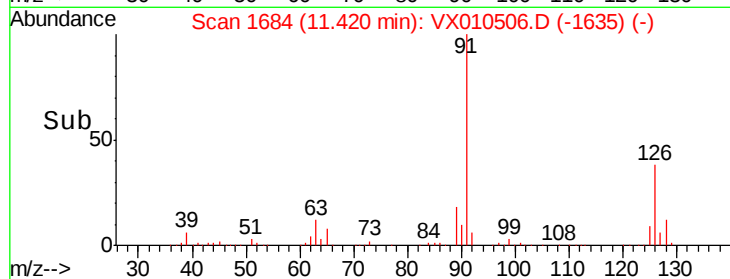
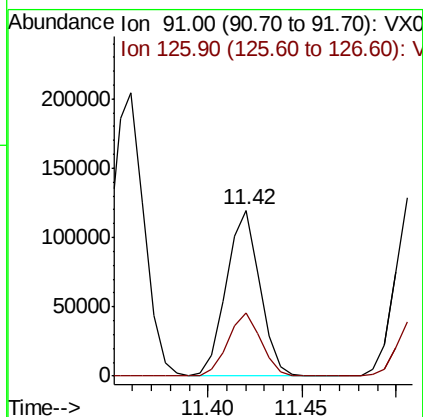
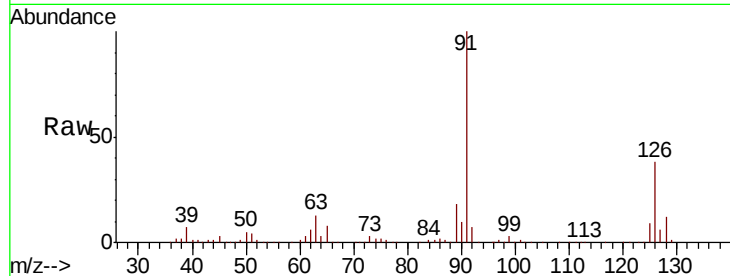




#79
 2-Chlorotoluene
 Concen: 19.303 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

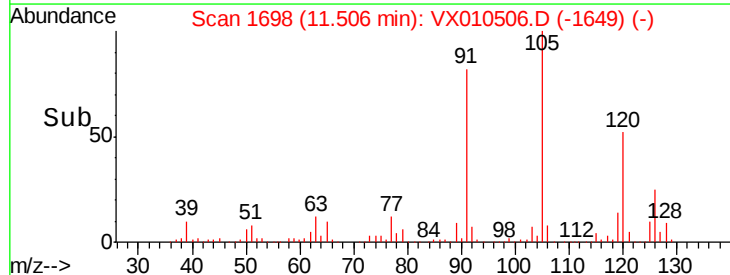
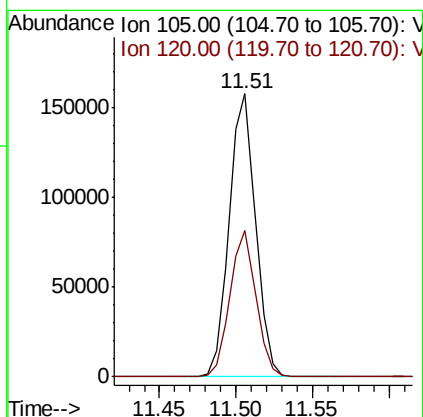
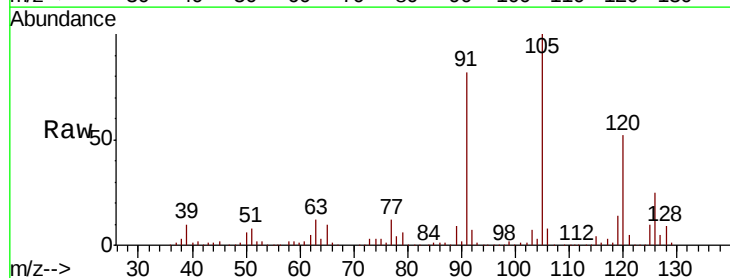
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

Tot Ion: 91 Resp: 146989
 Ion Ratio Lower Upper
 91 100
 126 37.9 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.570 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Tgt Ion:105 Resp: 187715
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 14.611 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

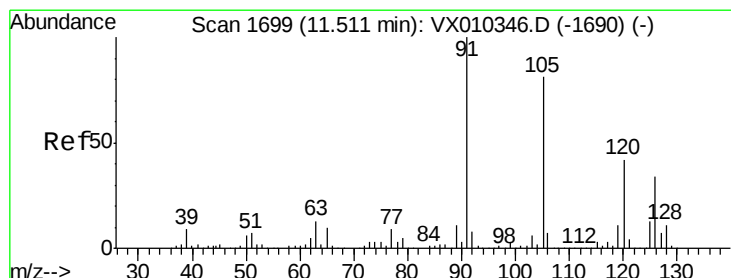
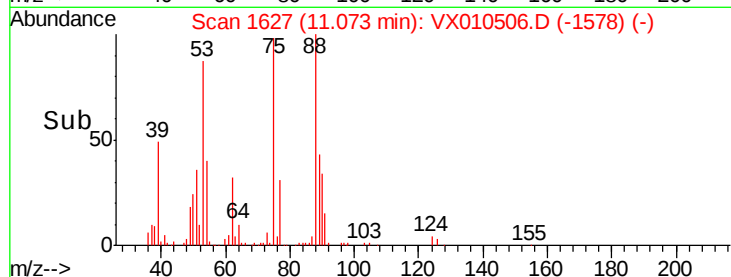
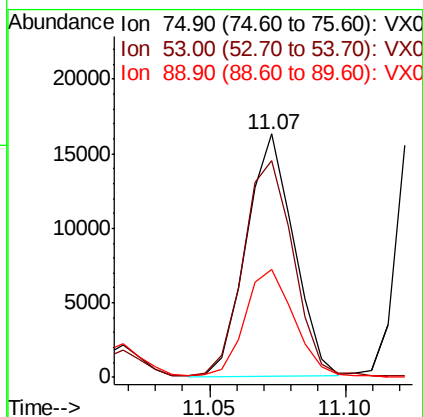
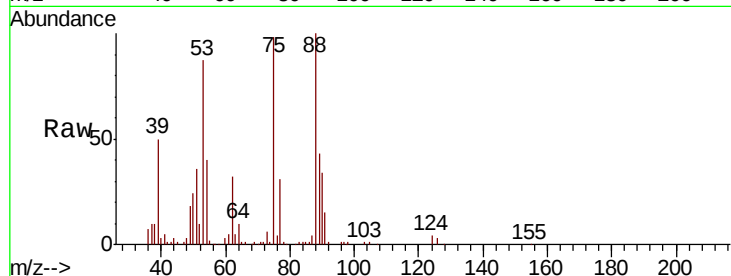
Tot Ion: 75 Resp: 19589

Ion Ratio Lower Upper

75 100

53 95.2 66.1 99.1

89 47.0 37.8 56.6



#82

4-Chlorotoluene

Concen: 19.391 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010506.D

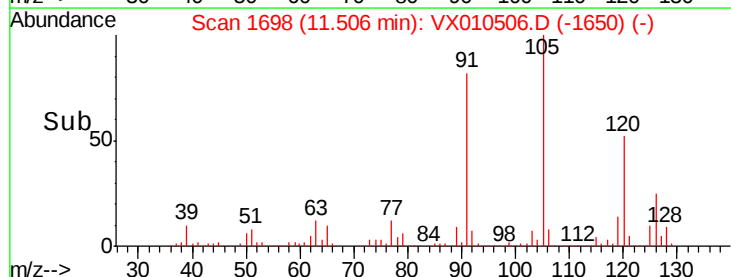
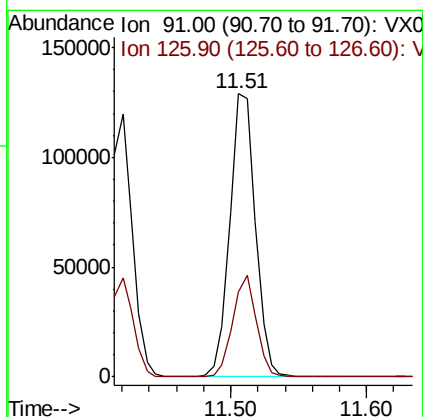
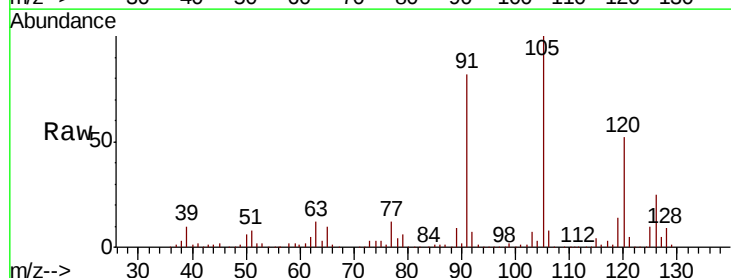
Acq: 27 Jun 2019 23:53

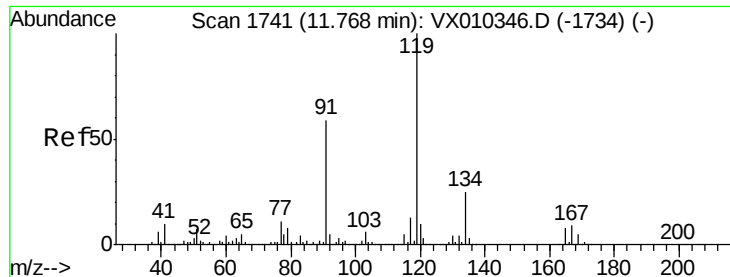
Tgt Ion: 91 Resp: 168024

Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6

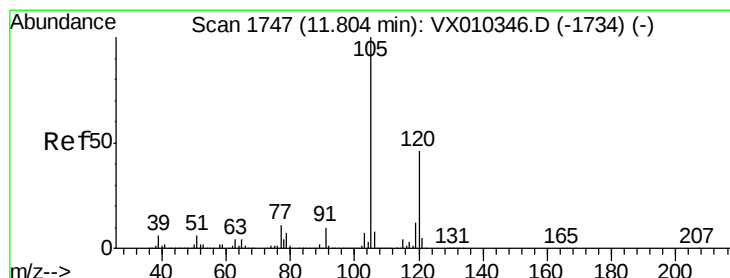
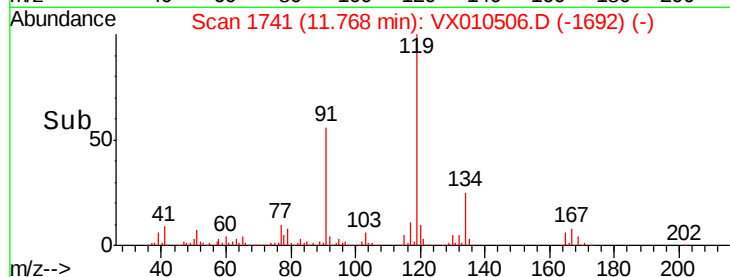
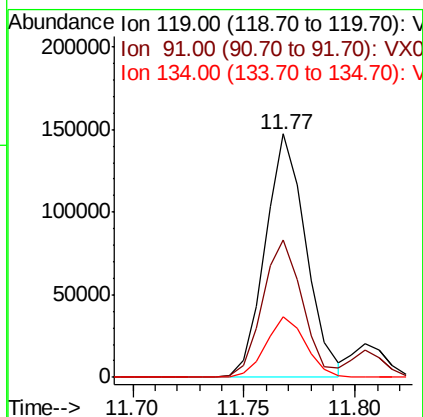
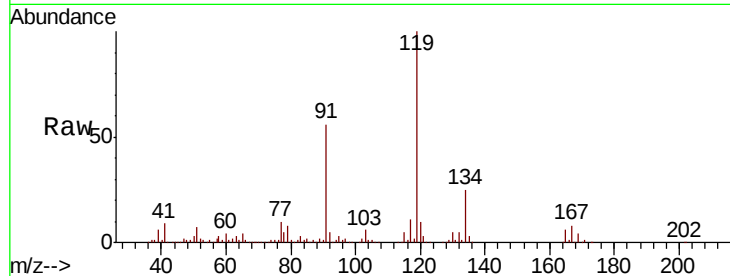




#83
tert-Butylbenzene
Concen: 19.382 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

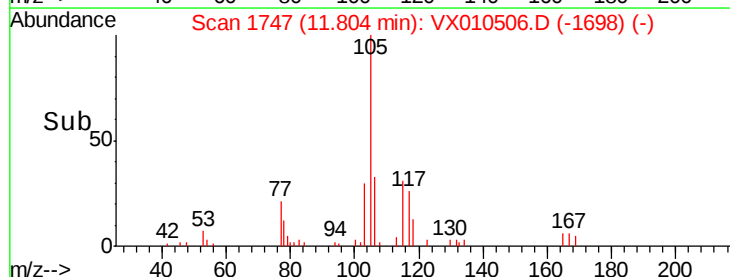
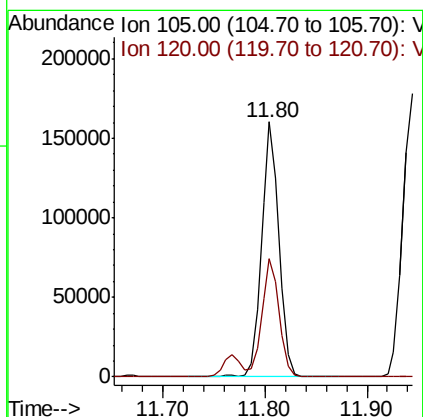
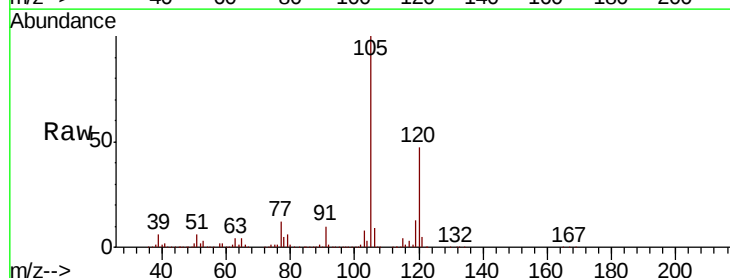
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

Tot Ion:119 Resp: 186598
Ion Ratio Lower Upper
119 100
91 55.9 27.6 82.7
134 24.3 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 19.864 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion:105 Resp: 191432
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.403 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

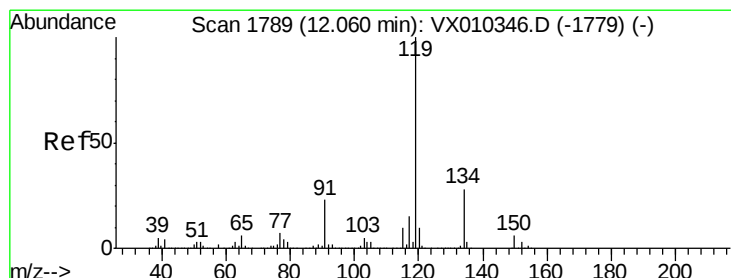
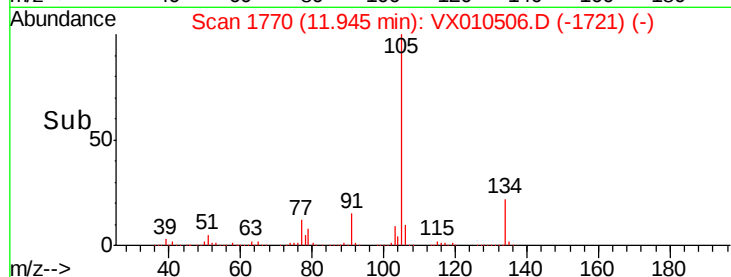
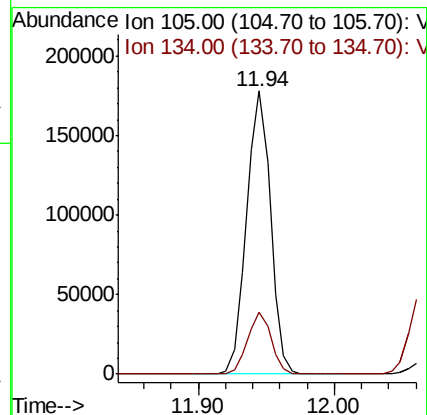
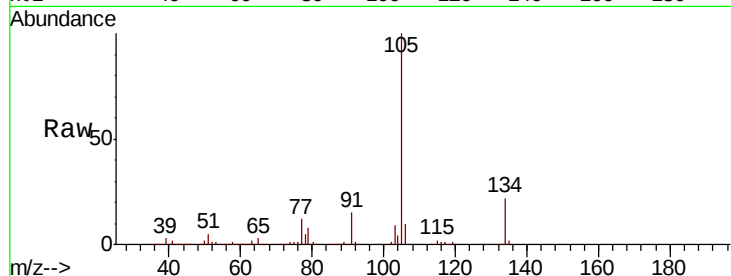
VX0627WBS02

Tot Ion:105 Resp: 219333

Ion Ratio Lower Upper

105 100

134 21.7 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.144 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

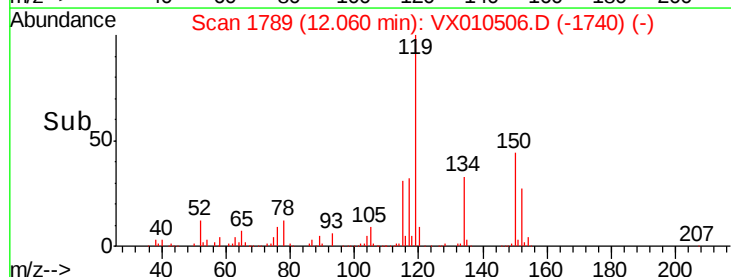
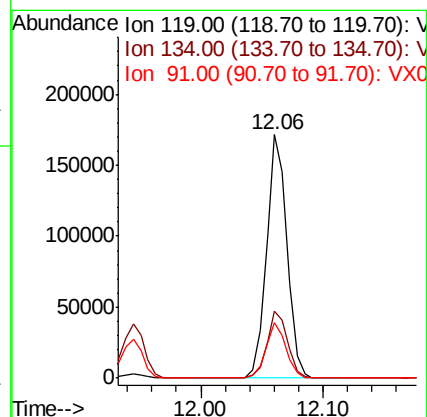
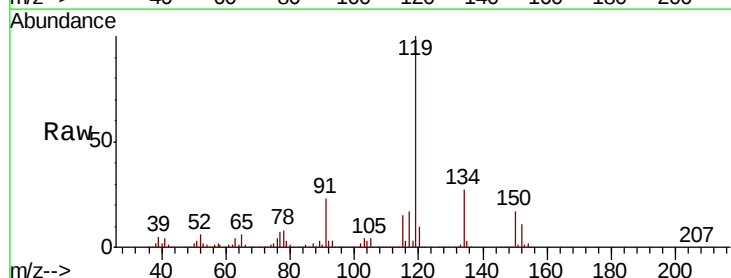
Tgt Ion:119 Resp: 200159

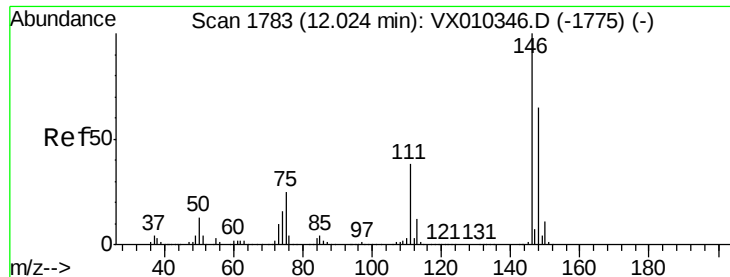
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.162 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

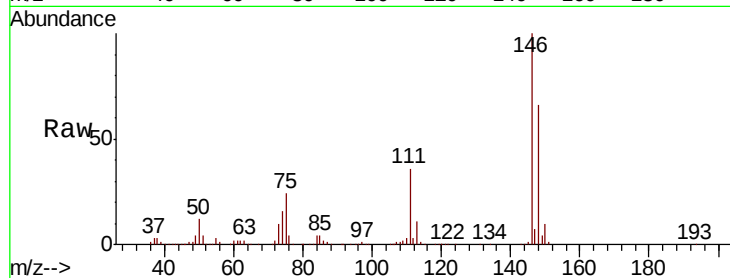
Tot Ion:146 Resp: 108673

Ion Ratio Lower Upper

146 100

111 36.9 19.1 57.1

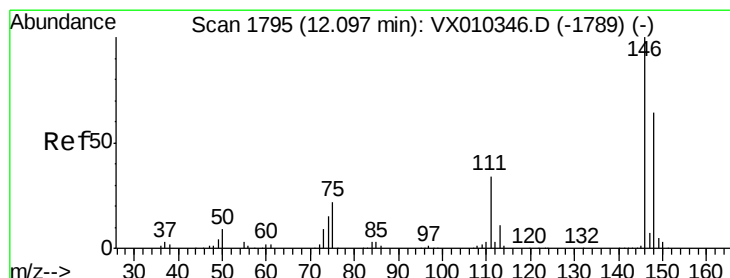
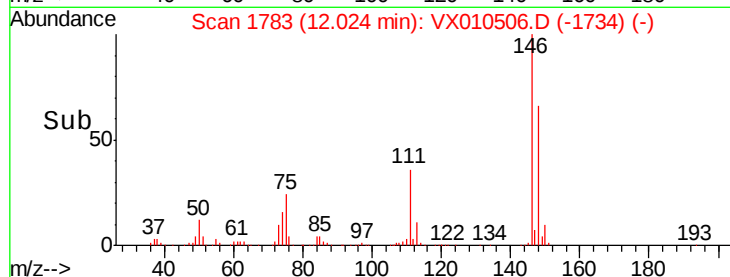
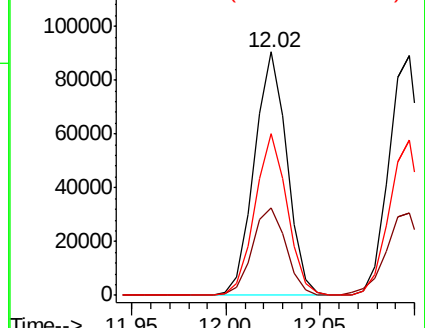
148 65.6 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.242 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

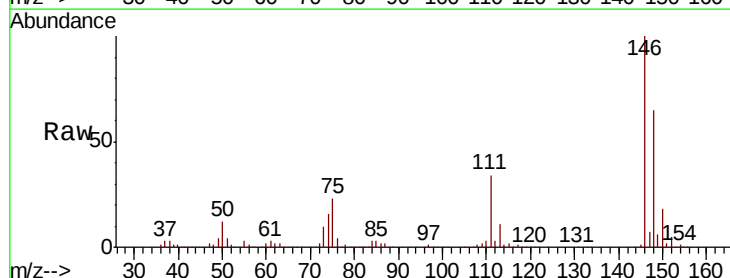
Tgt Ion:146 Resp: 111097

Ion Ratio Lower Upper

146 100

111 36.8 18.1 54.3

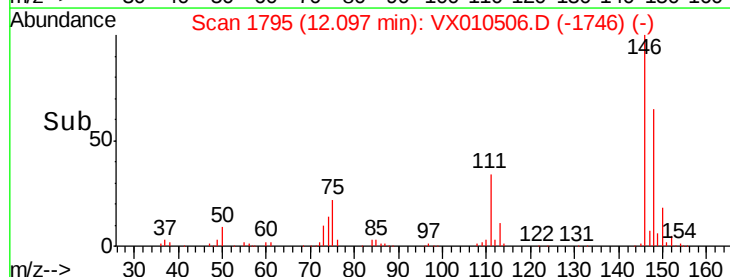
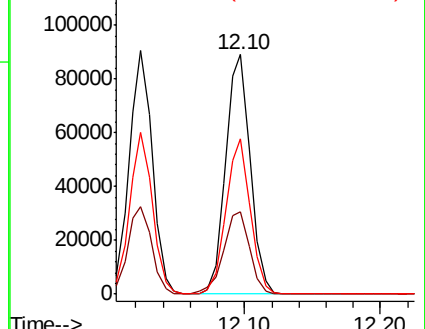
148 63.9 32.1 96.3

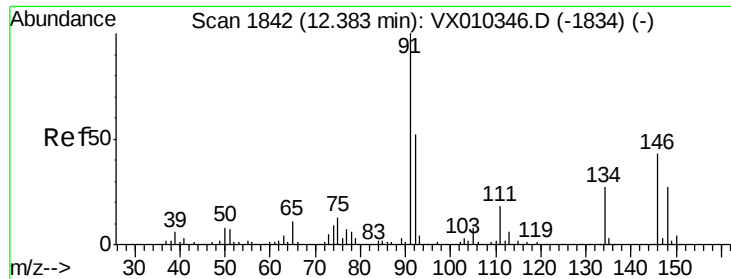


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

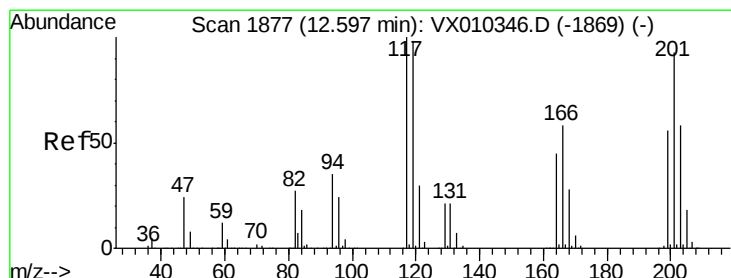
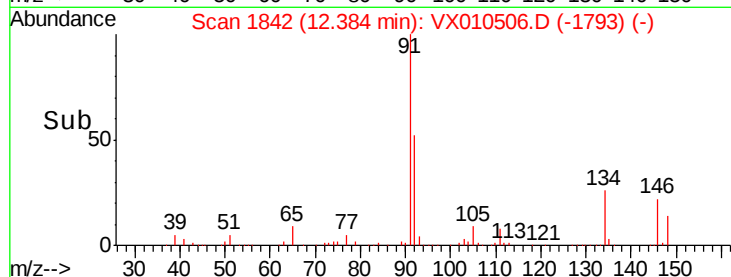
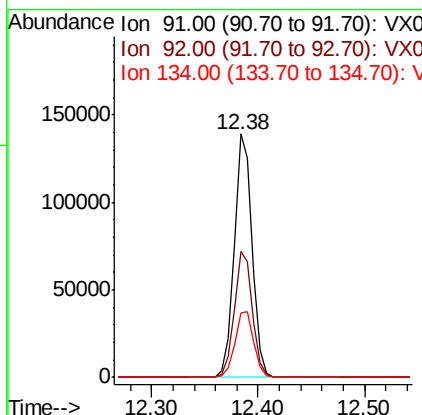
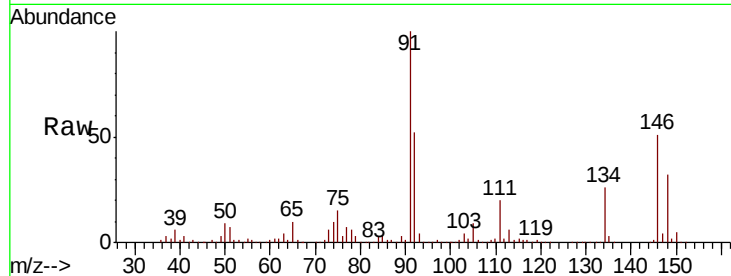




#89
n-Butylbenzene
Concen: 18.402 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

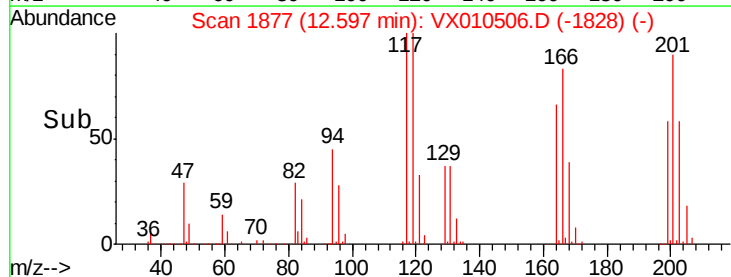
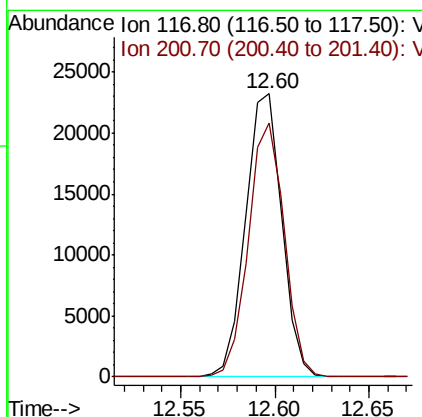
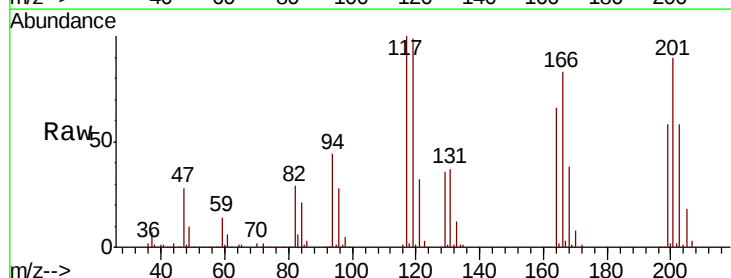
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBS02

Tot Ion: 91 Resp: 163494
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 28.5 14.1 42.4



#90
Hexachloroethane
Concen: 17.144 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010506.D
Acq: 27 Jun 2019 23:53

Tgt Ion: 117 Resp: 30995
Ion Ratio Lower Upper
117 100
201 88.8 44.0 131.8

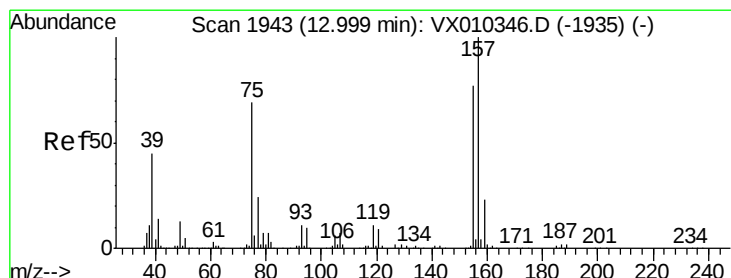
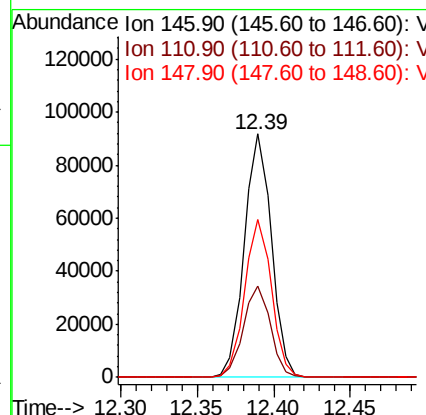
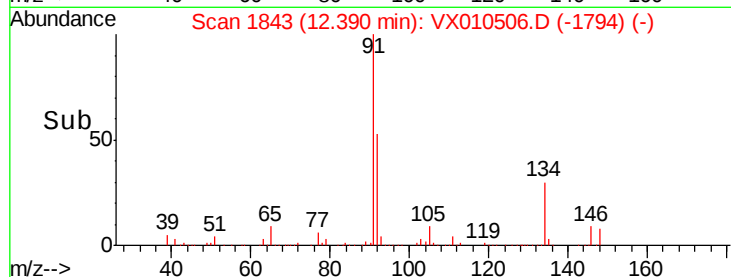
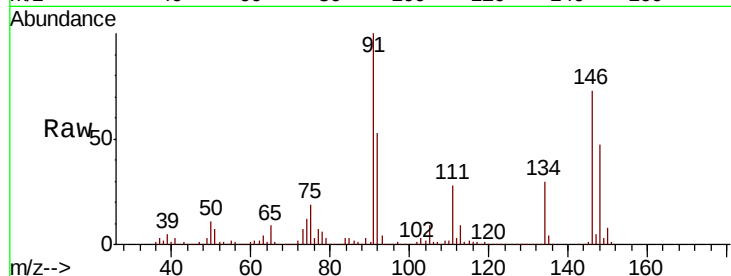




#91
 1,2-Dichlorobenzene
 Concen: 19.978 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

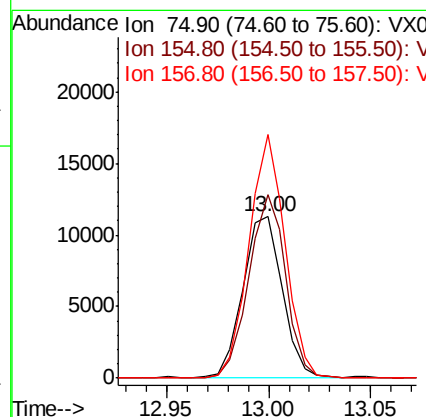
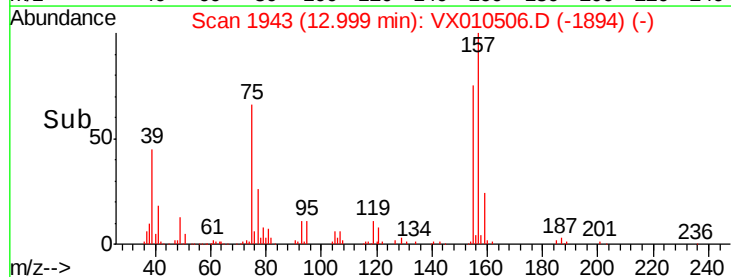
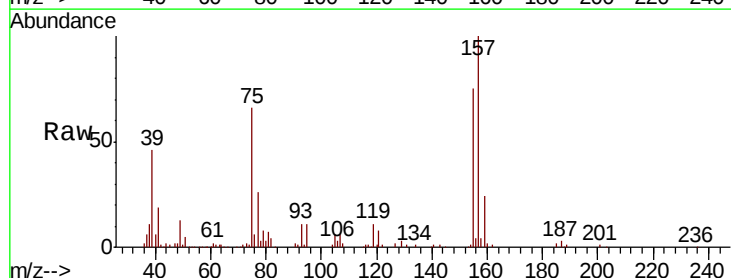
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

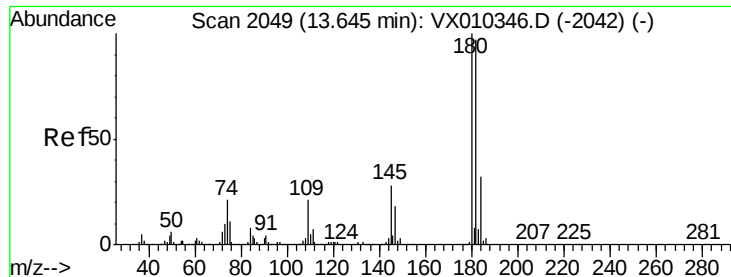
Tot Ion:146 Resp: 112604
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.2 57.6
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.231 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Tgt Ion: 75 Resp: 15146
 Ion Ratio Lower Upper
 75 100
 155 106.6 54.4 163.1
 157 137.6 69.5 208.3

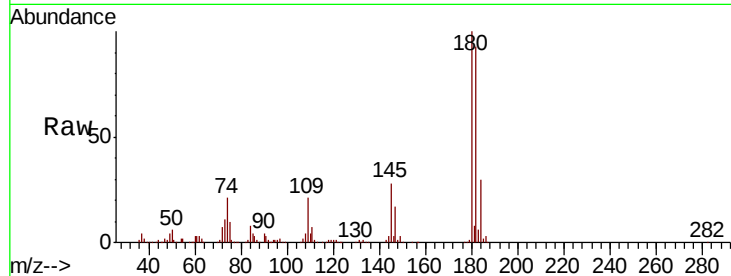




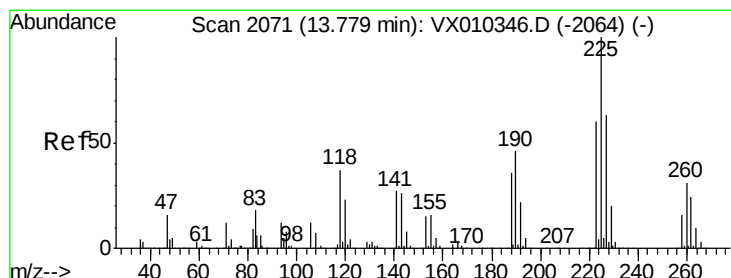
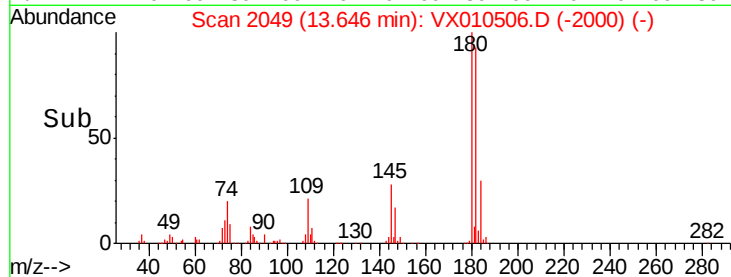
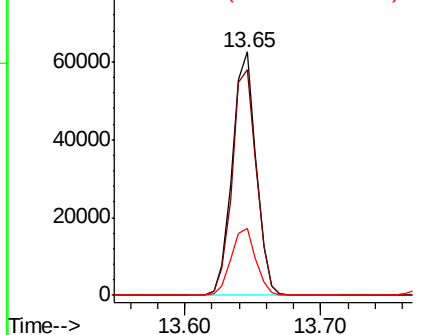
#93
 1,2,4-Trichlorobenzene
 Concen: 19.483 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

Tot Ion:180 Resp: 76157
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.0 144.0
 145 28.5 14.4 43.4

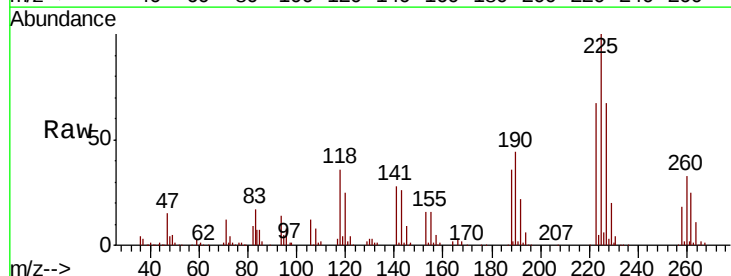


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

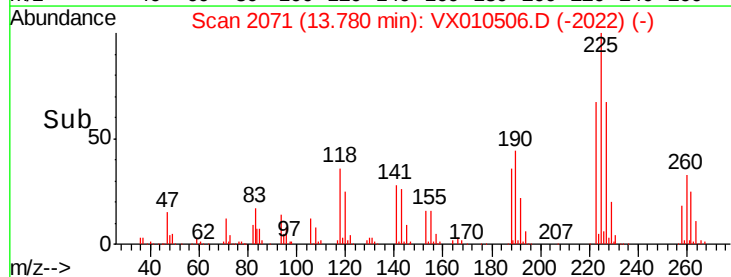
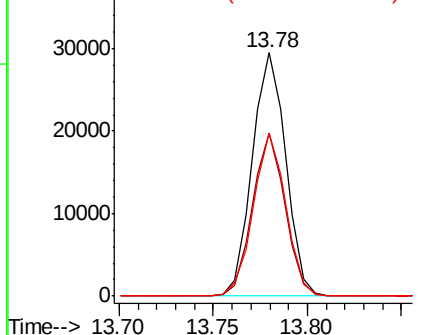


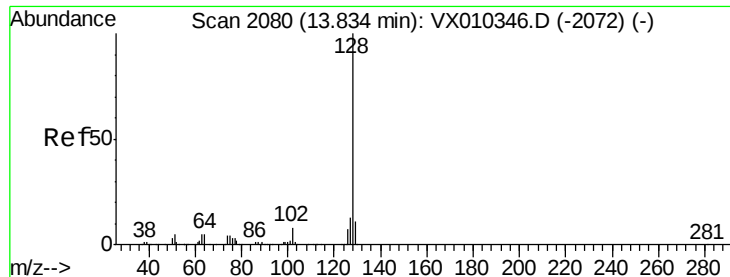
#94
 Hexachlorobutadiene
 Concen: 18.985 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010506.D
 Acq: 27 Jun 2019 23:53

Tgt Ion:225 Resp: 36269
 Ion Ratio Lower Upper
 225 100
 223 65.2 30.9 92.7
 227 65.0 31.9 95.5



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





#95

Naphthalene

Concen: 20.010 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBS02

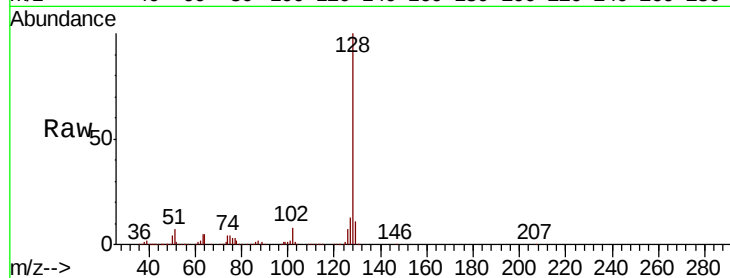
Tot Ion:128 Resp: 240361

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.9 13.3

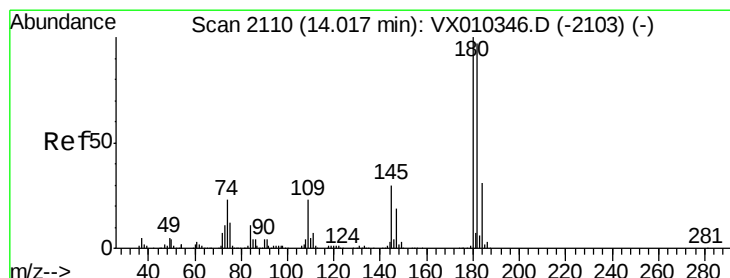
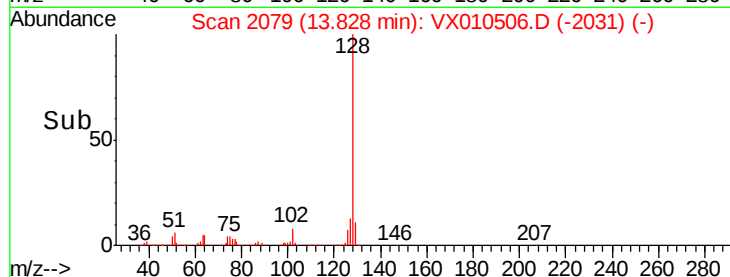
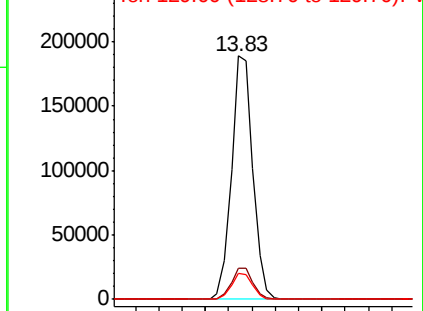


Abundance

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: 19.989 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010506.D

Acq: 27 Jun 2019 23:53

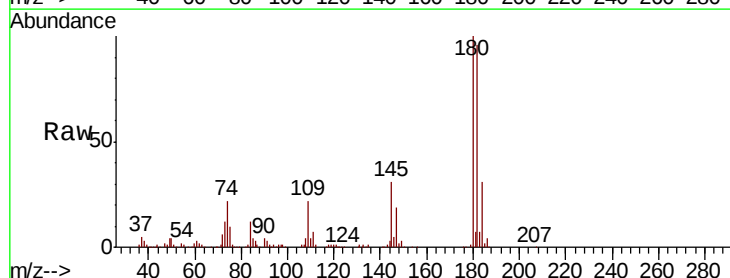
Tgt Ion:180 Resp: 77684

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.3

145 30.6 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

