

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX010996.D
 Acq On : 19 Jul 2019 12:44
 Operator : JC/SP
 Sample : VX0720WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Quant Time: Jul 20 00:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158851	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	122325	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	108134	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	8.71	98	412052	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	148906	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46742	19.666	ug/l	100
3) Chloromethane	1.33	50	40205	19.280	ug/l	99
4) Vinyl Chloride	1.41	62	42991	20.212	ug/l	99
5) Bromomethane	1.64	94	25610	21.366	ug/l	99
6) Chloroethane	1.73	64	25630	18.962	ug/l	99
7) Trichlorofluoromethane	1.93	101	72103	20.026	ug/l	100
8) Diethyl Ether	2.19	74	23620	19.040	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40605	19.752	ug/l	99
10) Methyl Iodide	2.51	142	41883	15.525	ug/l	99
11) Tert butyl alcohol	3.04	59	54479	96.968	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39740	19.675	ug/l	99
13) Acrolein	2.29	56	24285	74.814	ug/l	99
14) Allyl chloride	2.73	41	57443	19.579	ug/l	99
15) Acrylonitrile	3.14	53	113392	99.881	ug/l	99
16) Acetone	2.45	43	106336	97.596	ug/l	96
17) Carbon Disulfide	2.57	76	94338	18.208	ug/l	99
18) Methyl Acetate	2.78	43	48439	19.524	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	129194	19.869	ug/l	97
20) Methylene Chloride	2.85	84	44767	19.388	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	41680	19.448	ug/l	99
22) Diisopropyl ether	3.85	45	122701	19.830	ug/l	97
23) Vinyl Acetate	3.81	43	525953	100.319	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69951	19.466	ug/l	100
25) 2-Butanone	4.67	43	158160	101.122	ug/l	98
26) 2,2-Dichloropropane	4.59	77	55947	18.961	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48802	19.676	ug/l	97
28) Bromochloromethane	5.01	49	30036	17.737	ug/l	100
29) Tetrahydrofuran	5.13	42	98533	99.455	ug/l	99
30) Chloroform	5.21	83	75222	19.366	ug/l	96
31) Cyclohexane	5.58	56	63607	19.419	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	65614	19.525	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54800	19.584	ug/l	99
37) Ethyl Acetate	4.84	43	57265	19.986	ug/l	97
38) Carbon Tetrachloride	5.79	117	57100	19.583	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68283	18.817	ug/l	97
40) Benzene	6.14	78	168213	19.625	ug/l	99
41) Methacrylonitrile	5.04	41	31268	19.224	ug/l	99
42) 1,2-Dichloroethane	6.20	62	58091	19.492	ug/l	100
43) Isopropyl Acetate	6.45	43	91006	19.316	ug/l	99
44) Trichloroethene	7.21	130	49166	19.378	ug/l	91
45) 1,2-Dichloropropane	7.51	63	40915	18.755	ug/l	96
46) Dibromomethane	7.66	93	30664	19.670	ug/l	99
47) Bromodichloromethane	7.90	83	54231	19.543	ug/l	97
48) Methyl methacrylate	7.77	41	44380	19.337	ug/l	98
49) 1,4-Dioxane	7.74	88	25353	394.905	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	304946	99.849	ug/l	100
52) Toluene	8.78	92	109015	19.360	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	57256	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	64534	19.437	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	45036	19.425	ug/l	99
56) Ethyl methacrylate	9.18	69	66207	19.522	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71876	19.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	162191	100.186	ug/l	99
59) 2-Hexanone	9.49	43	239710	101.195	ug/l	100
60) Dibromochloromethane	9.58	129	45458	18.703	ug/l	100
61) 1,2-Dibromoethane	9.67	107	49017	19.922	ug/l	100
64) Tetrachloroethene	9.34	164	47465	19.624	ug/l	97
65) Chlorobenzene	10.13	112	123220	19.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	42997	19.373	ug/l	96
67) Ethyl Benzene	10.25	91	212750	19.793	ug/l	100
68) m/p-Xylenes	10.36	106	163021	39.537	ug/l	100
69) o-Xylene	10.69	106	79364	19.722	ug/l	100
70) Styrene	10.71	104	134135	19.996	ug/l	100
71) Bromoform	10.85	173	33359	18.215	ug/l #	99
73) Isopropylbenzene	11.02	105	214595	19.993	ug/l	100
74) N-amyl acetate	10.90	43	80924	19.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70188	19.982	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	73938	25.793	ug/l	86
77) Bromobenzene	11.26	156	57209	19.323	ug/l	99
78) n-propylbenzene	11.36	91	238266	20.090	ug/l	99
79) 2-Chlorotoluene	11.42	91	142249	19.967	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180335	20.107	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18159	18.752	ug/l	91
82) 4-Chlorotoluene	11.51	91	164369	19.823	ug/l	99
83) tert-Butylbenzene	11.77	119	177987	20.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	181298	20.056	ug/l	99
85) sec-Butylbenzene	11.94	105	210957	20.436	ug/l	100
86) p-Isopropyltoluene	12.06	119	193128	20.237	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	102369	19.924	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102434	19.439	ug/l	99
89) n-Butylbenzene	12.38	91	163075	19.973	ug/l	99
90) Hexachloroethane	12.60	117	28101	18.669	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	101578	19.948	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15379	20.945	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

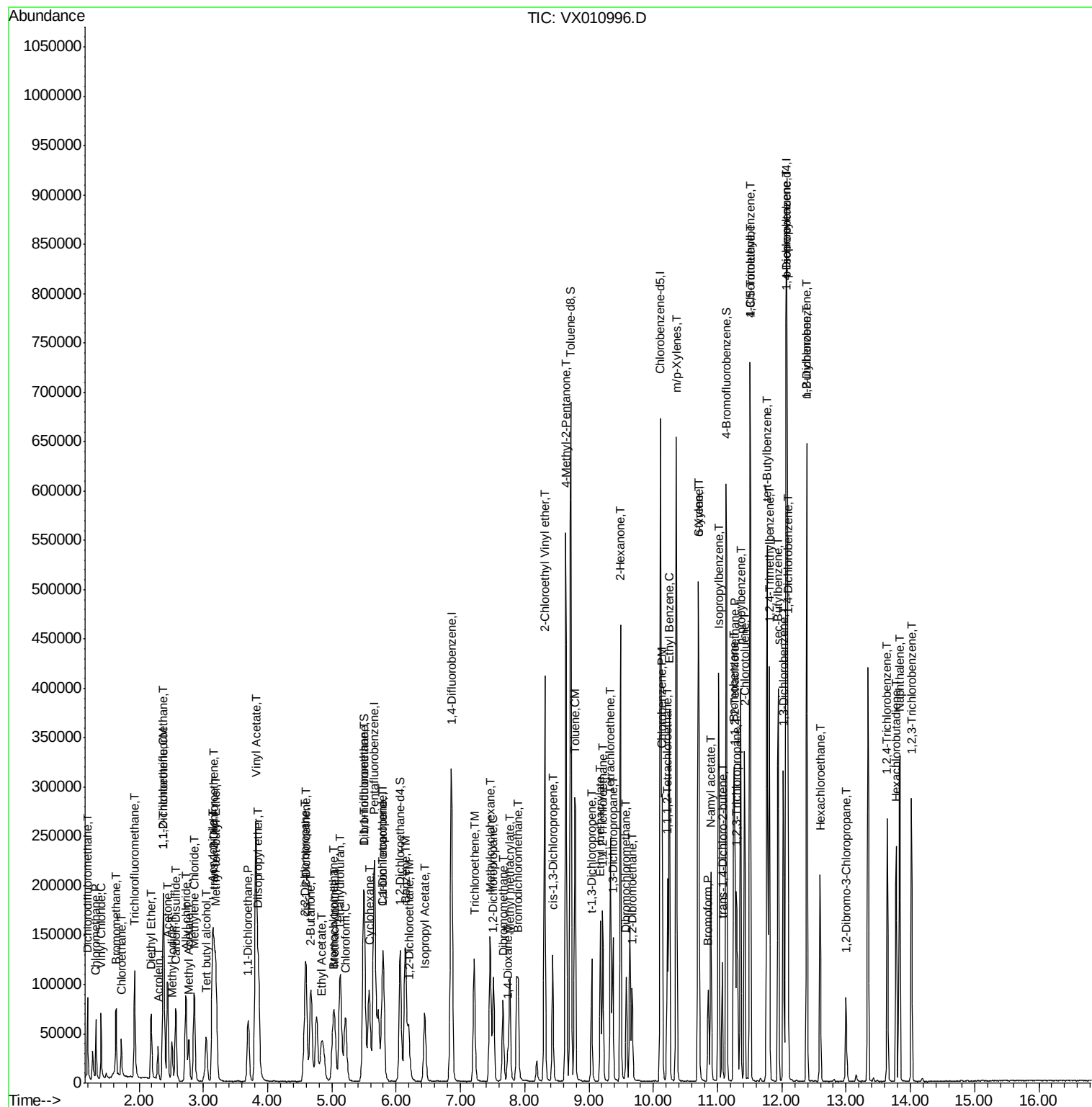
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69289	20.078	ug/l	100
94) Hexachlorobutadiene	13.78	225	33893	19.819	ug/l	98
95) Naphthalene	13.83	128	211513	20.756	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	69610	20.272	ug/l	99

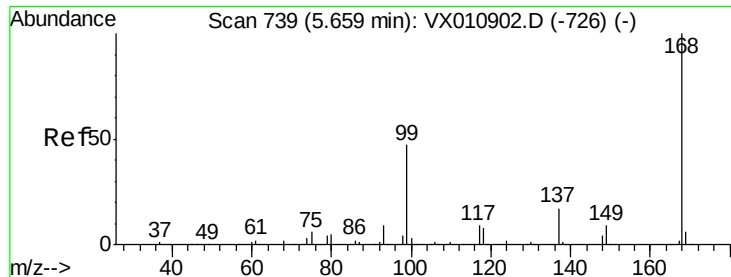
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

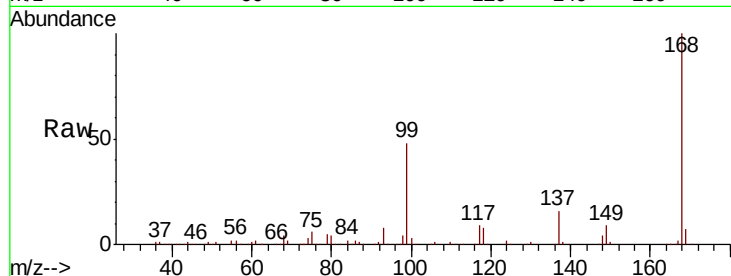
VX0720WBSD01

Tot Ion:168 Resp: 226762

Ion Ratio Lower Upper

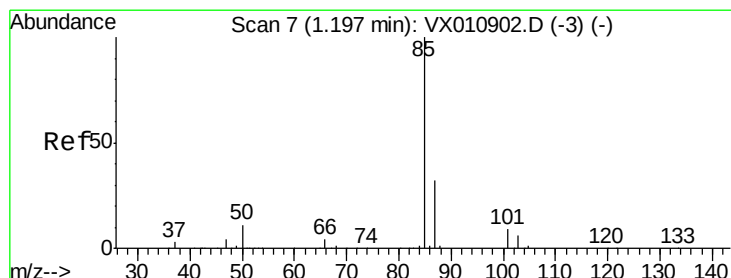
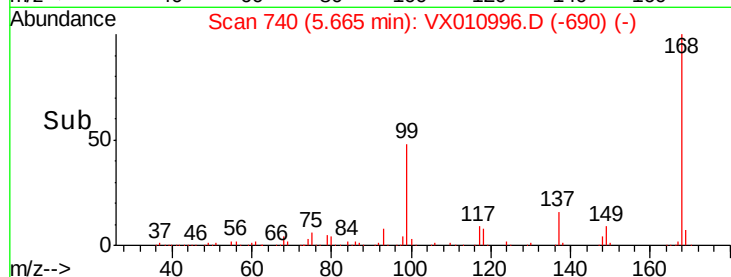
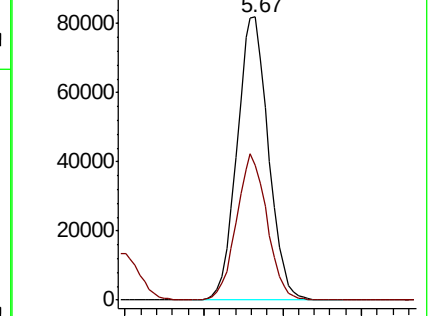
168 100

99 47.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.666 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010996.D

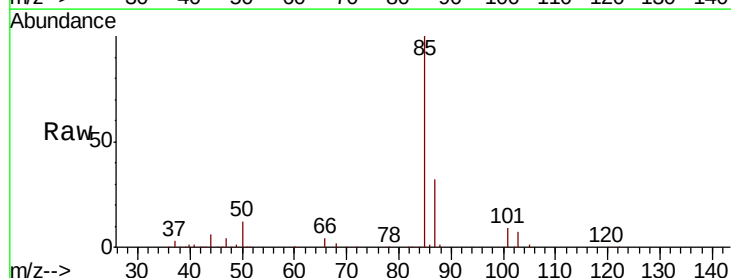
Acq: 19 Jul 2019 12:44

Tgt Ion: 85 Resp: 46742

Ion Ratio Lower Upper

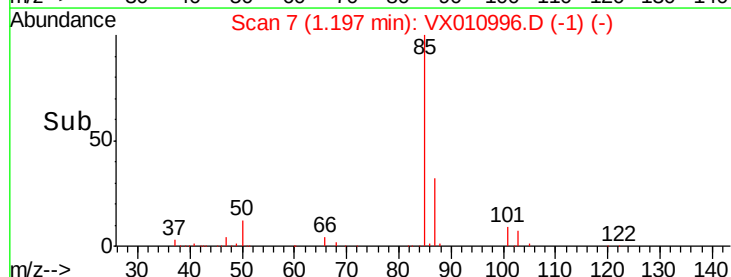
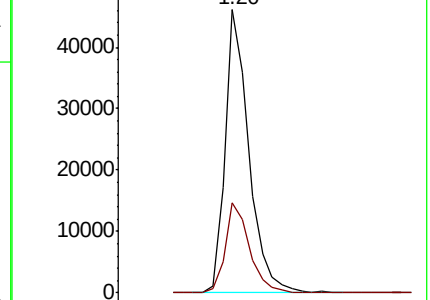
85 100

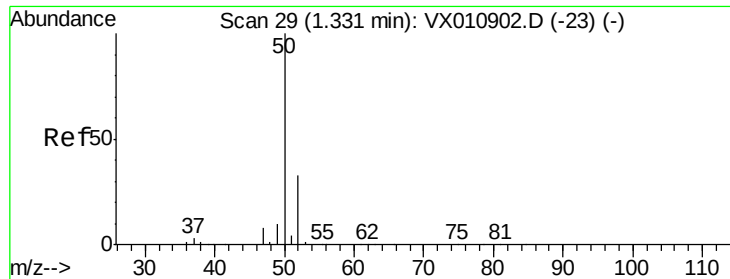
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.280 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

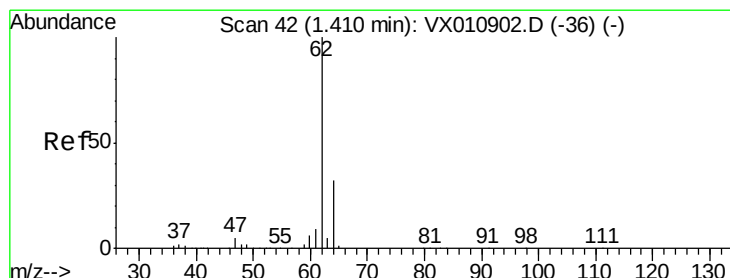
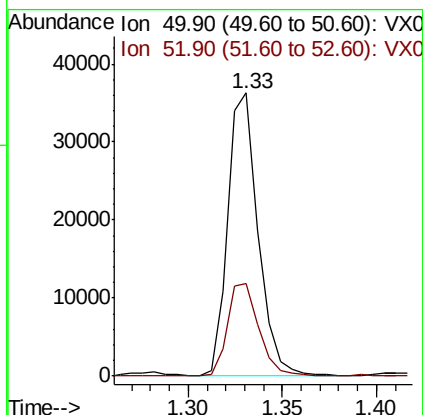
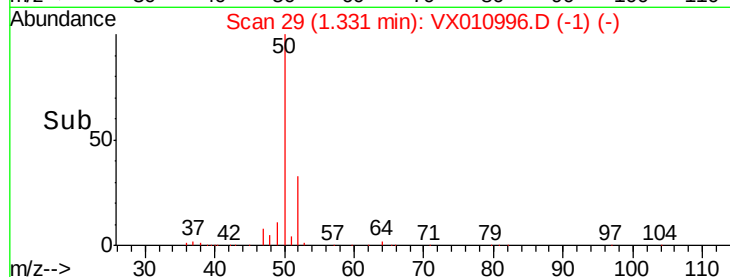
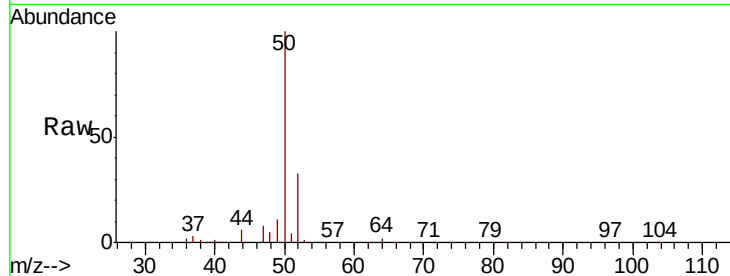
VX0720WBSD01

Tot Ion: 50 Resp: 40205

Ion Ratio Lower Upper

50 100

52 32.6 26.4 39.6



#4

Vinyl Chloride

Concen: 20.212 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010996.D

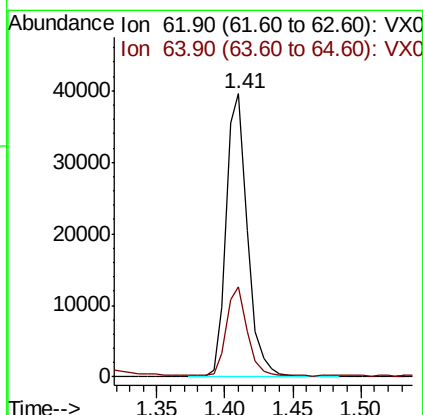
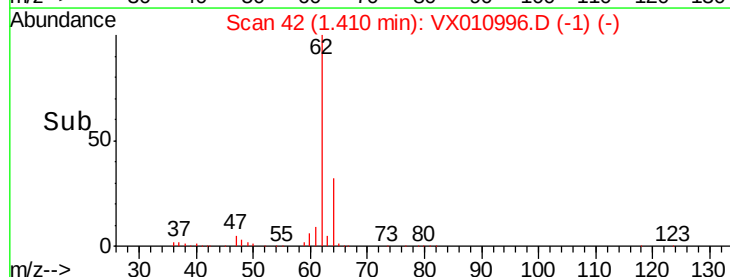
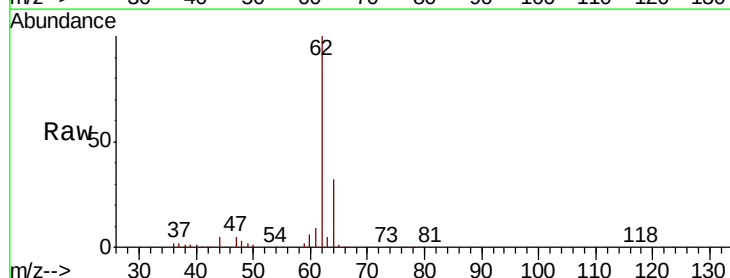
Acq: 19 Jul 2019 12:44

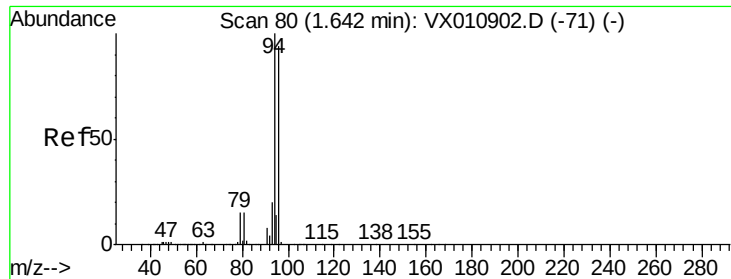
Tgt Ion: 62 Resp: 42991

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 21.366 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

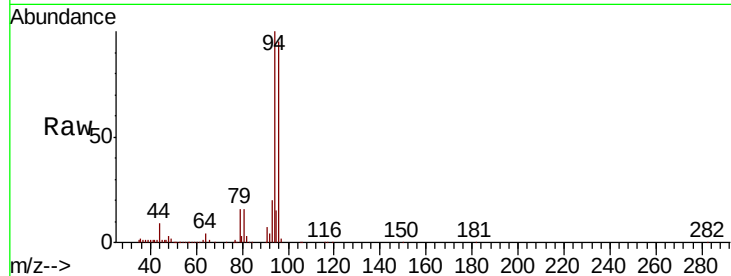
VX0720WBSD01

Tot Ion: 94 Resp: 25610

Ion Ratio Lower Upper

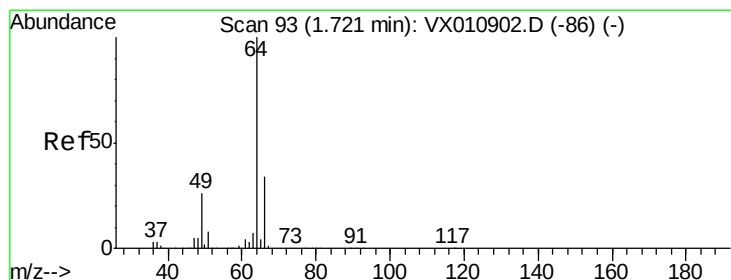
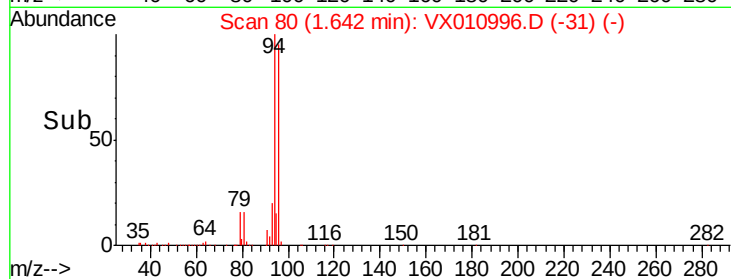
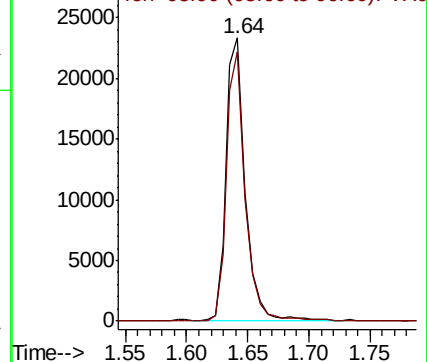
94 100

96 95.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.962 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010996.D

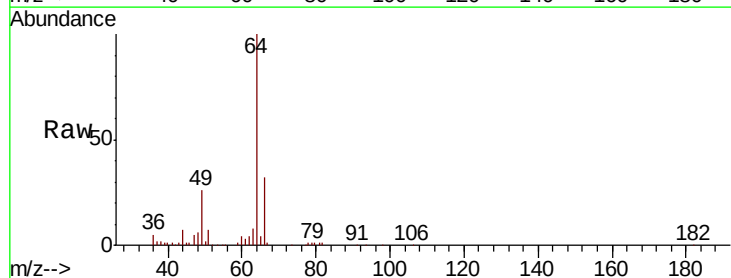
Acq: 19 Jul 2019 12:44

Tgt Ion: 64 Resp: 25630

Ion Ratio Lower Upper

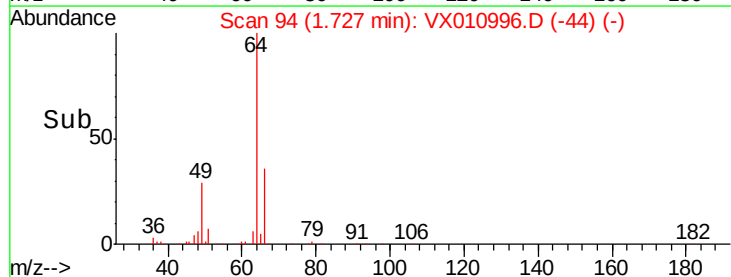
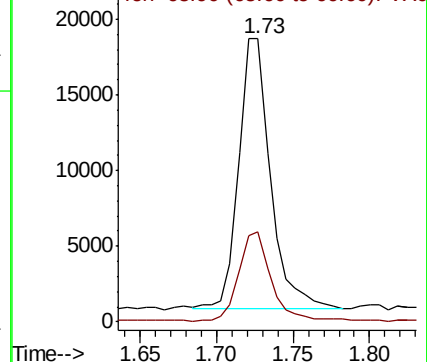
64 100

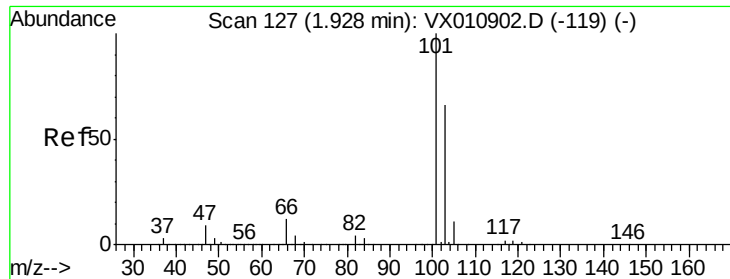
66 33.2 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



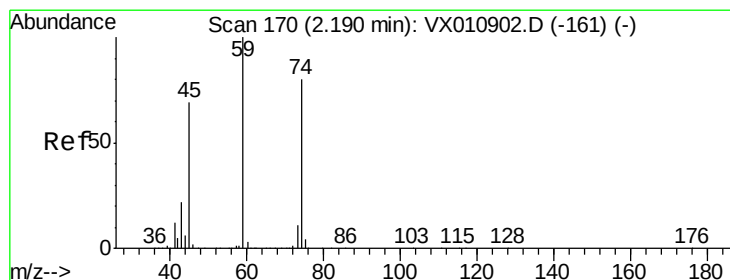
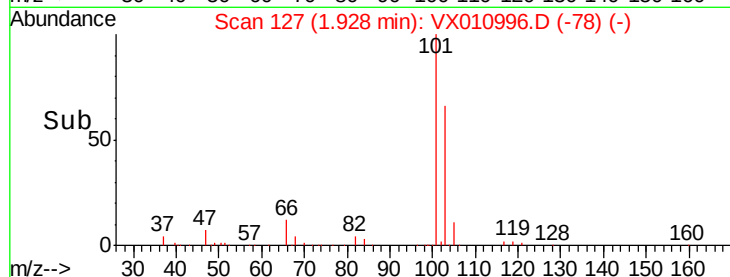
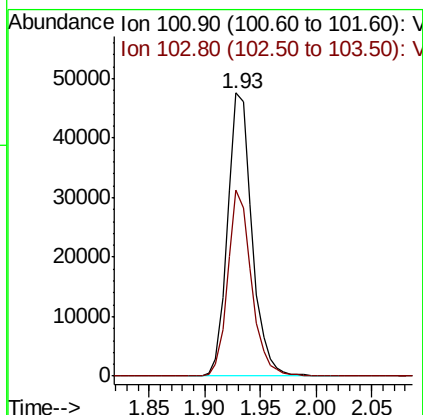
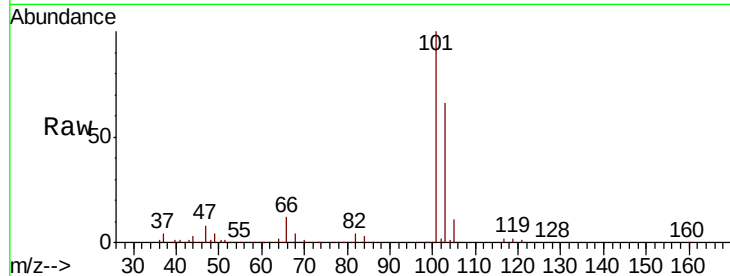


#7

Trichlorofluoromethane
Concen: 20.026 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
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VX0720WBSD01

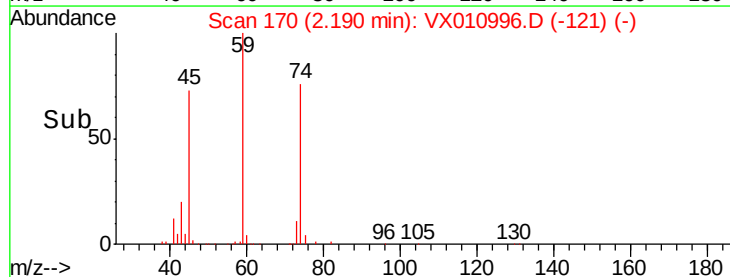
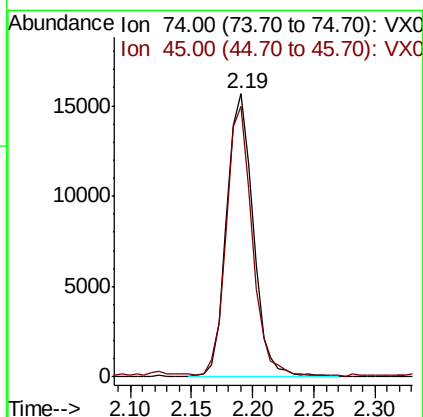
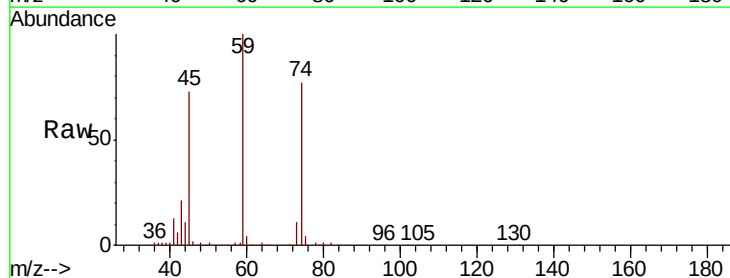
Tot Ion:101 Resp: 72103
Ion Ratio Lower Upper
101 100
103 65.8 52.6 78.8

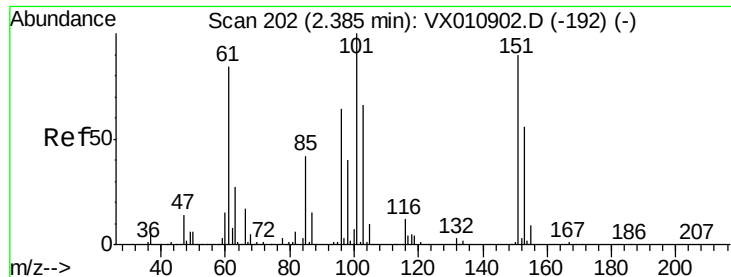


#8

Diethyl Ether
Concen: 19.040 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 74 Resp: 23620
Ion Ratio Lower Upper
74 100
45 94.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.752 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

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ClientSampleId :

VX0720WBSD01

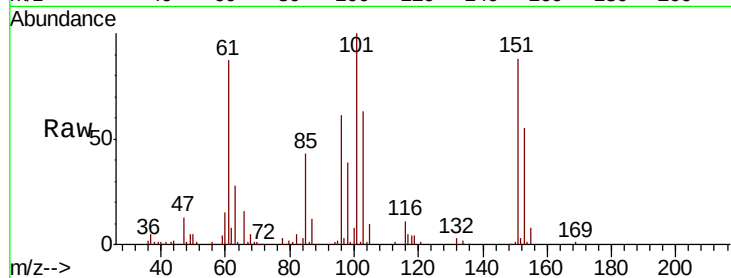
Tot Ion:101 Resp: 40605

Ion Ratio Lower Upper

101 100

85 43.9 34.6 52.0

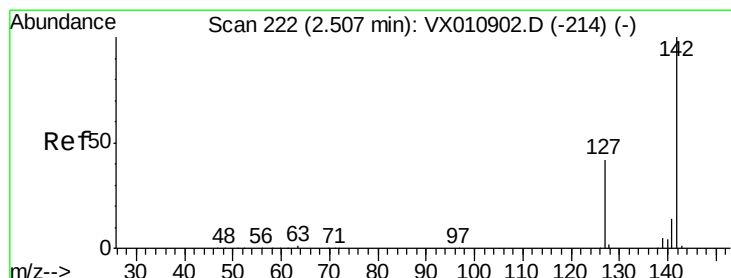
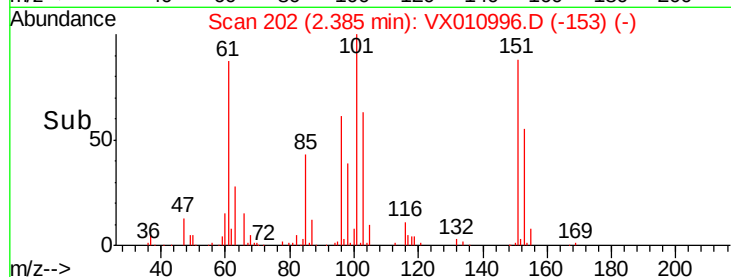
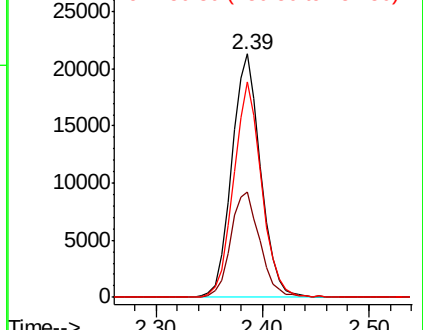
151 86.0 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.525 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

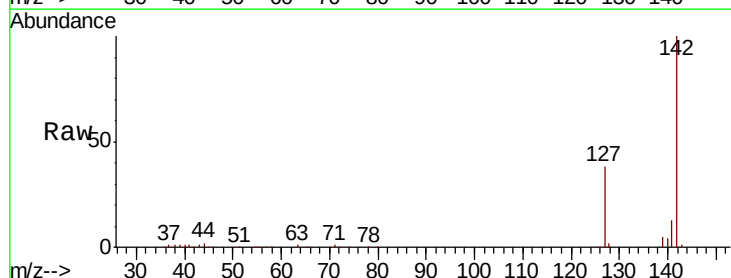
Tgt Ion:142 Resp: 41883

Ion Ratio Lower Upper

142 100

127 41.9 34.2 51.4

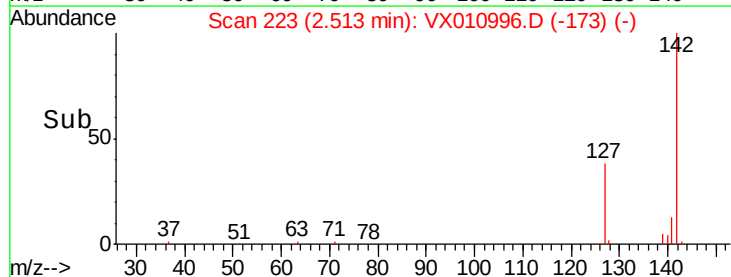
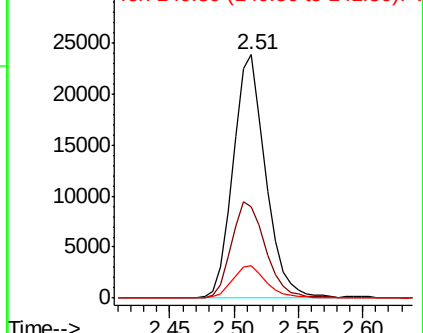
141 14.0 11.7 17.5

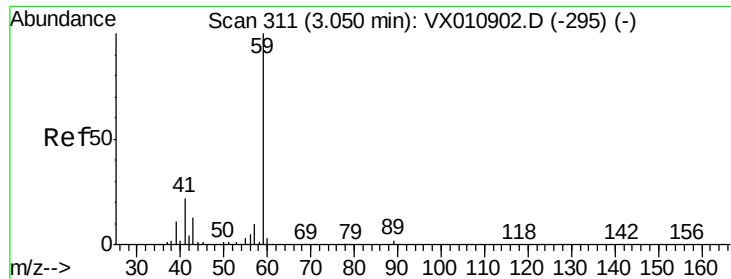


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



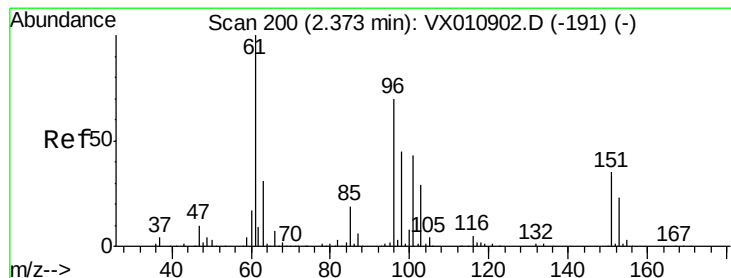
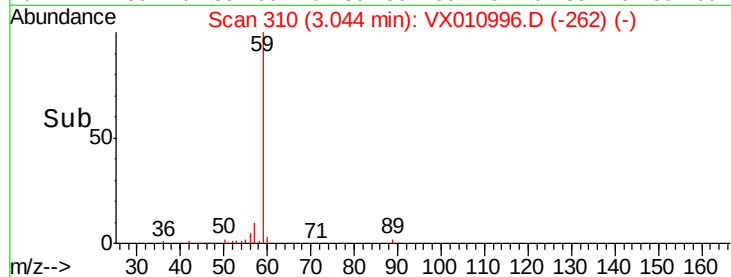
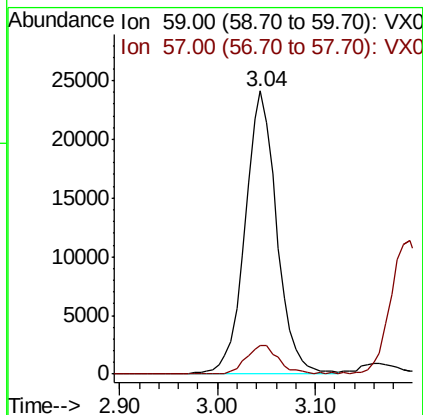
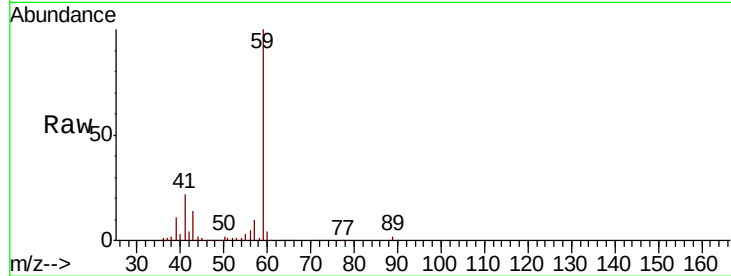


#11

Tert butyl alcohol
 Concen: 96.968 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0720WBSD01

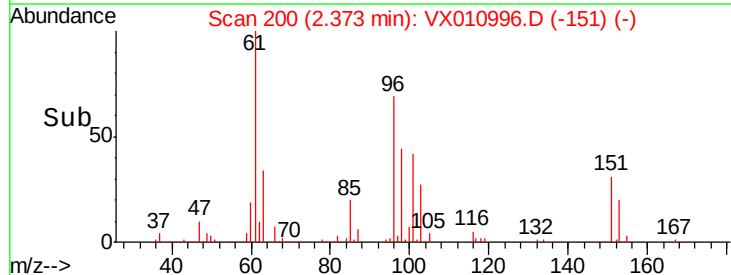
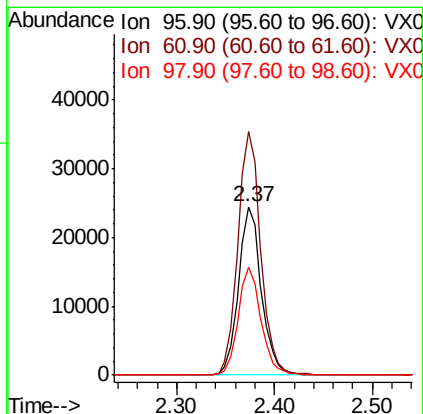
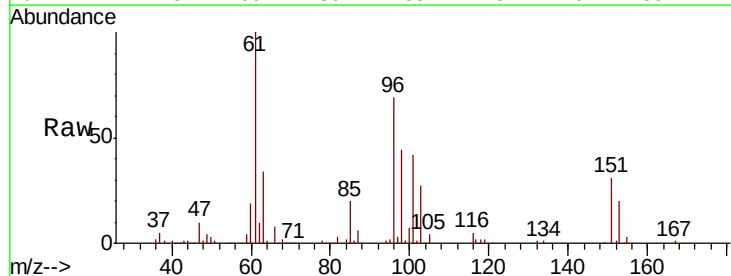
Tot Ion: 59 Resp: 54479
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.9 11.9

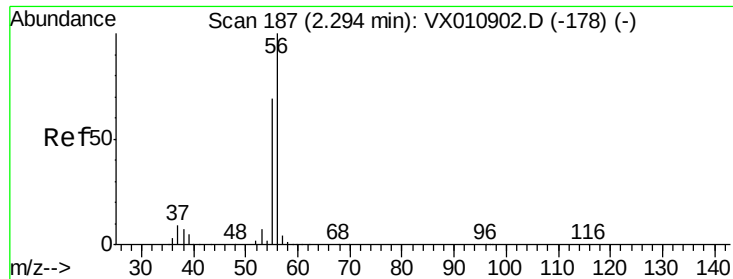


#12

1,1-Dichloroethene
 Concen: 19.675 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion: 96 Resp: 39740
 Ion Ratio Lower Upper
 96 100
 61 144.6 115.0 172.4
 98 64.3 52.2 78.2





#13

Acrolein

Concen: 74.814 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

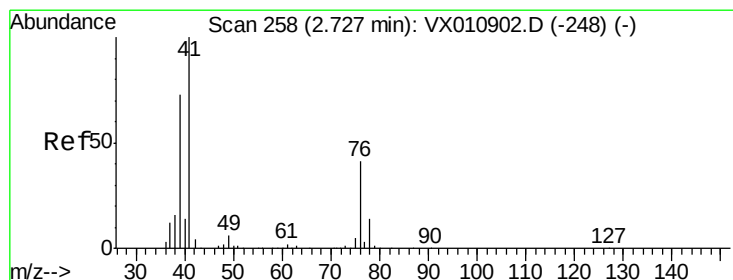
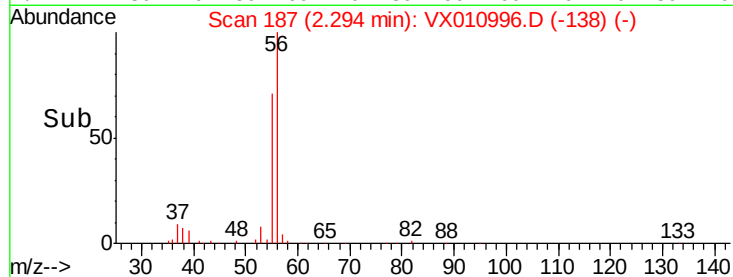
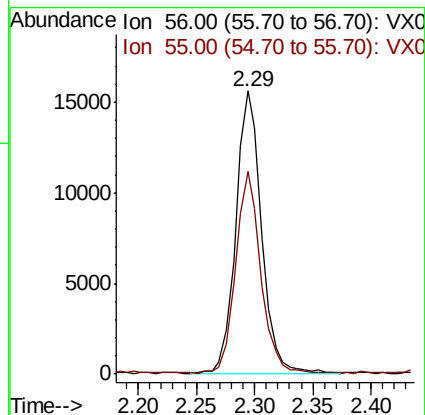
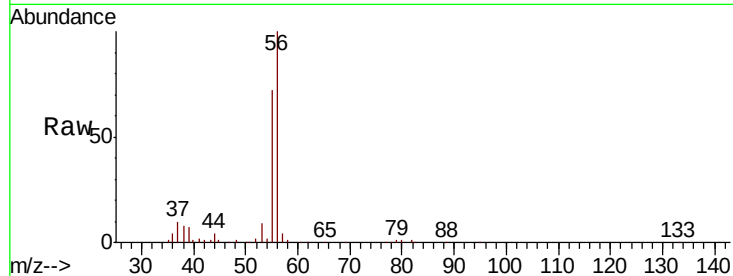
VX0720WBSD01

Tot Ion: 56 Resp: 24285

Ion Ratio Lower Upper

56 100

55 70.5 55.9 83.9



#14

Allyl chloride

Concen: 19.579 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

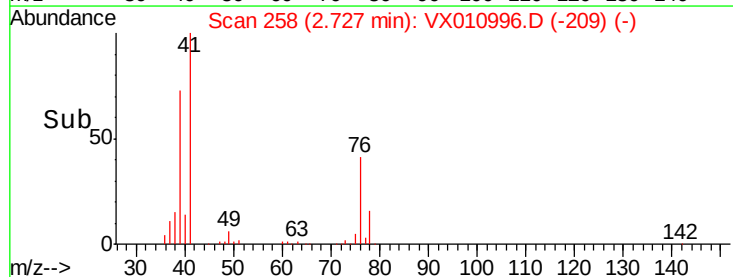
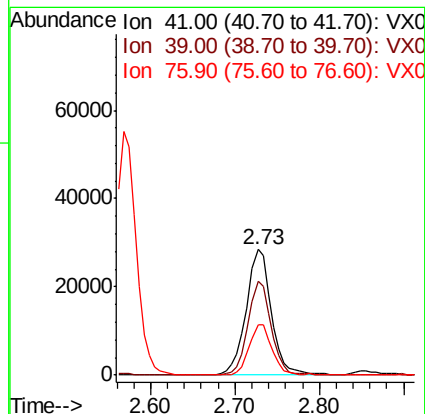
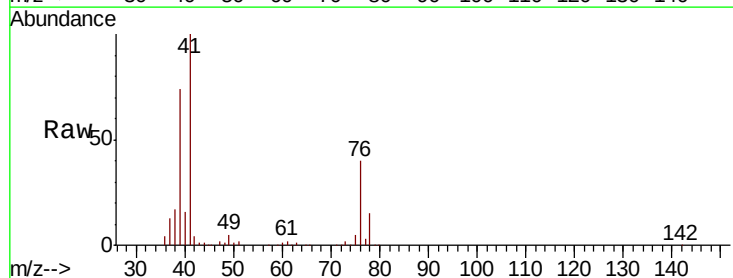
Tgt Ion: 41 Resp: 57443

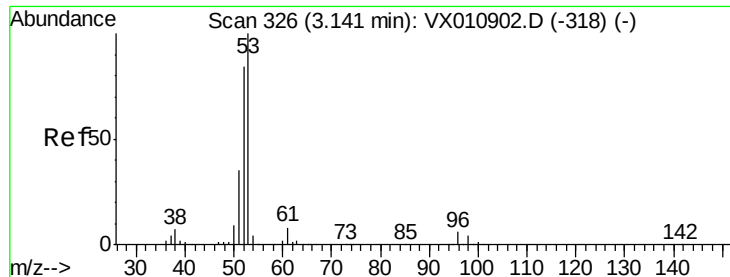
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 35.6 29.7 44.5





#15

Acrylonitrile

Concen: 99.881 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

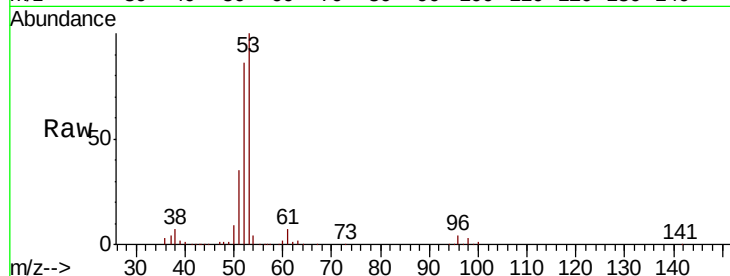
Tot Ion: 53 Resp: 113392

Ion Ratio Lower Upper

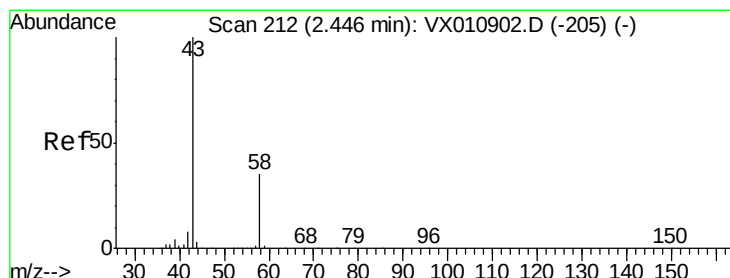
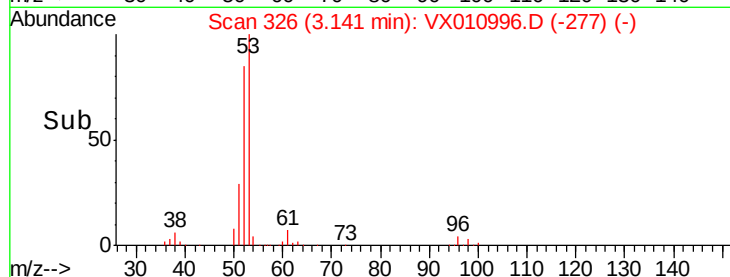
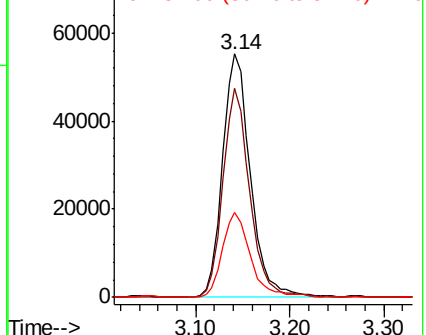
53 100

52 82.4 66.5 99.7

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: 97.596 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010996.D

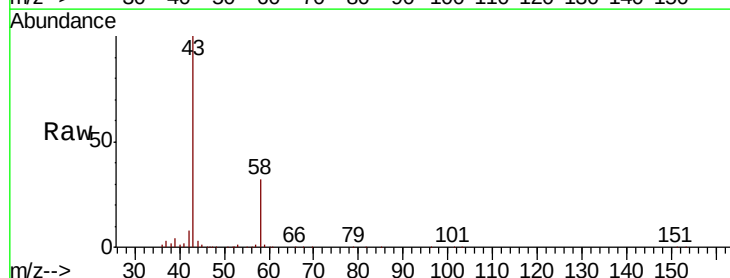
Acq: 19 Jul 2019 12:44

Tgt Ion: 43 Resp: 106336

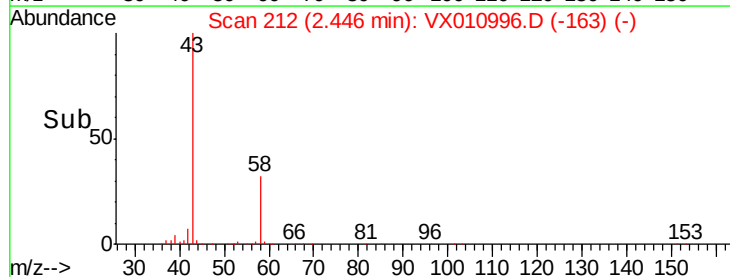
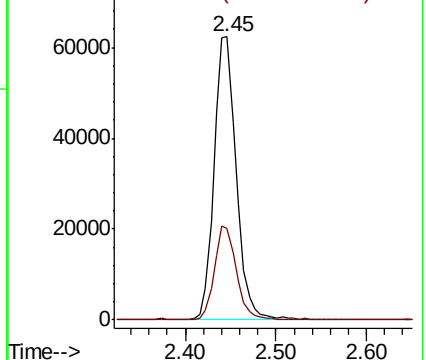
Ion Ratio Lower Upper

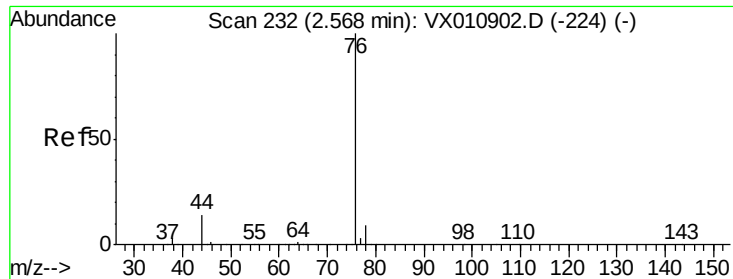
43 100

58 32.4 27.7 41.5



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





#17

Carbon Disulfide

Concen: 18.208 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

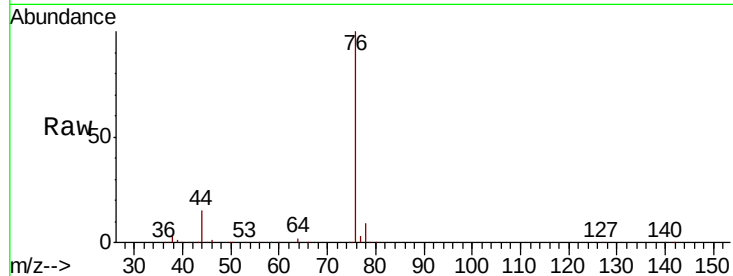
VX0720WBSD01

Tot Ion: 76 Resp: 94338

Ion Ratio Lower Upper

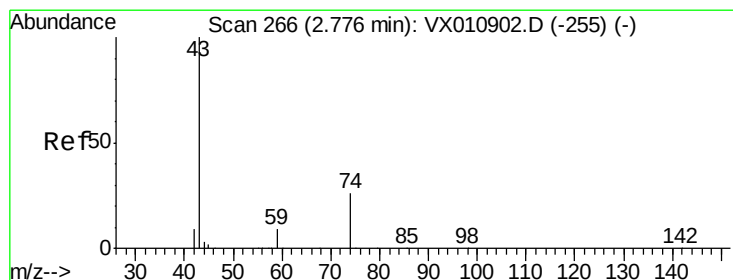
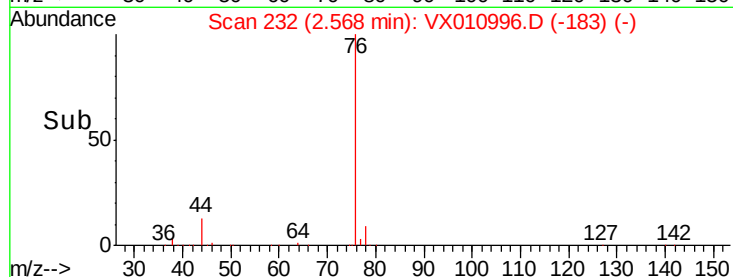
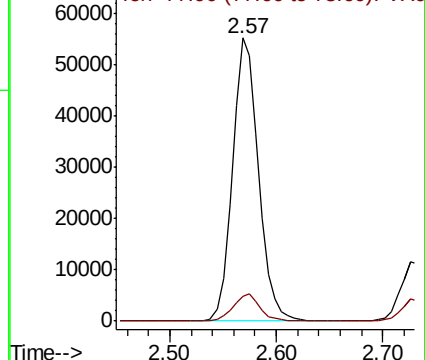
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.524 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010996.D

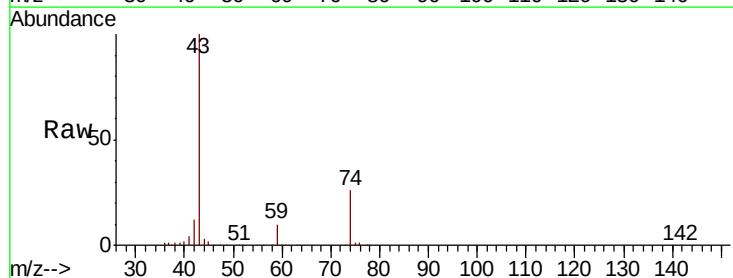
Acq: 19 Jul 2019 12:44

Tgt Ion: 43 Resp: 48439

Ion Ratio Lower Upper

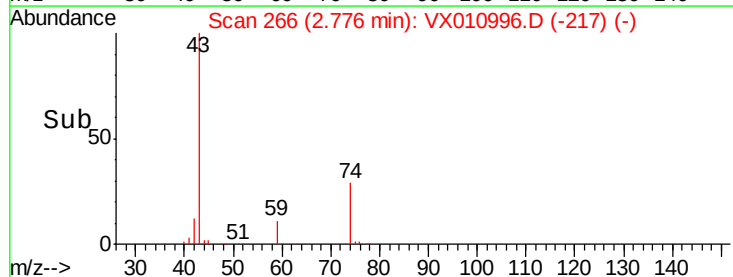
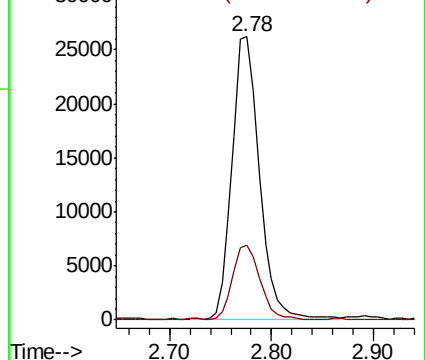
43 100

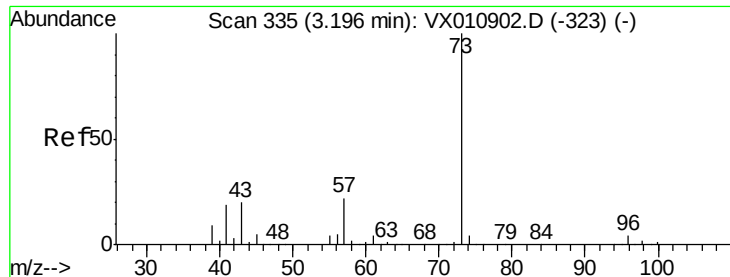
74 26.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

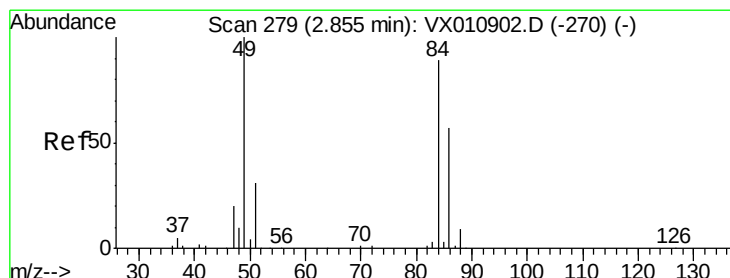
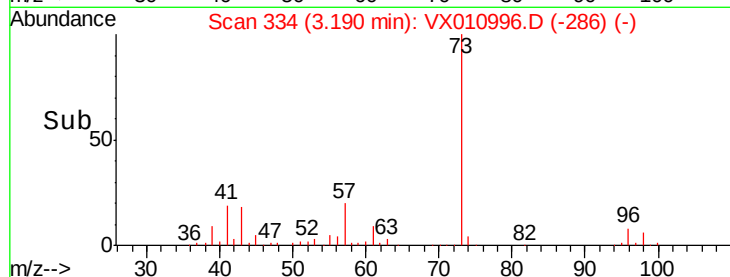
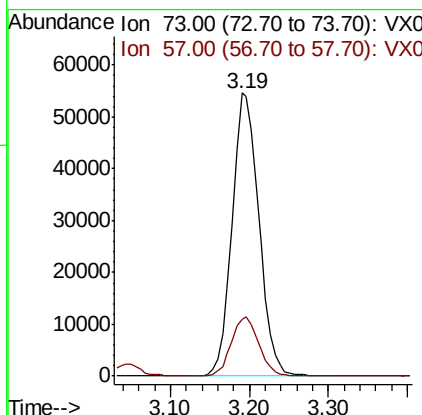
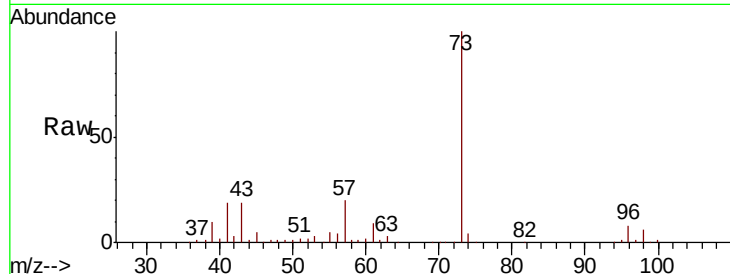




#19
Methyl tert-butyl Ether
Concen: 19.869 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

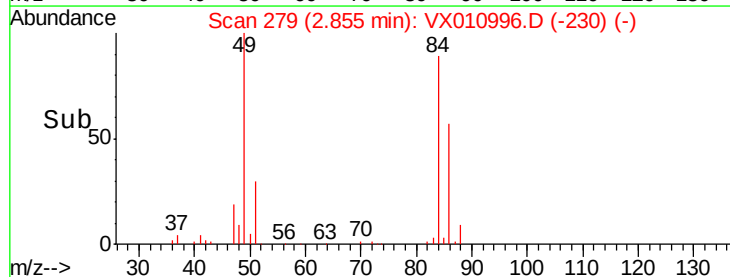
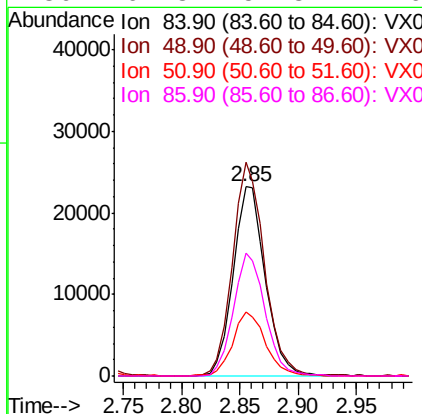
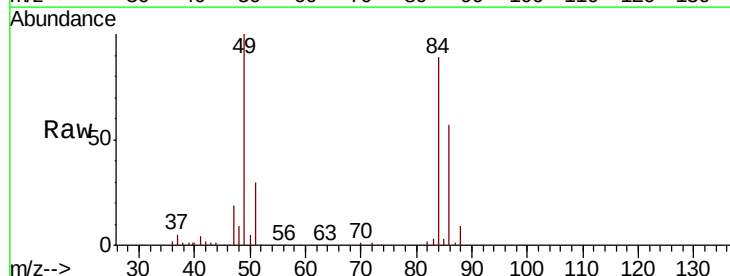
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

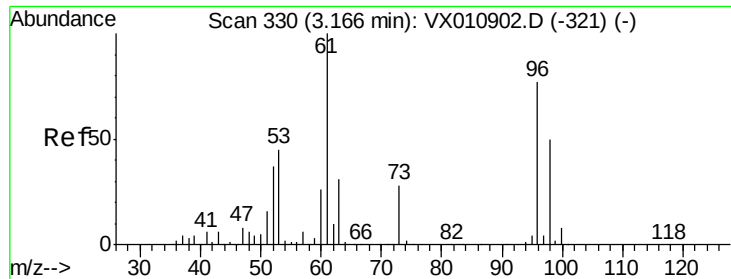
Tot Ion: 73 Resp: 129194
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 19.388 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 84 Resp: 44767
Ion Ratio Lower Upper
84 100
49 112.9 89.9 134.9
51 33.8 27.8 41.6
86 64.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.448 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

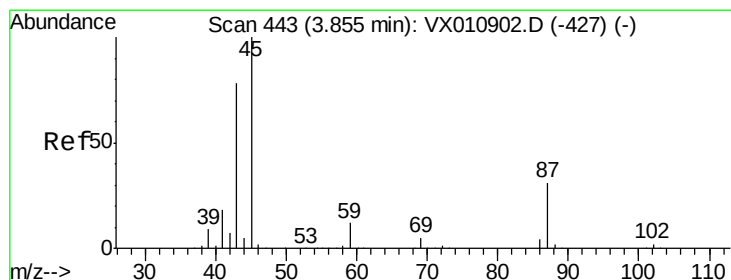
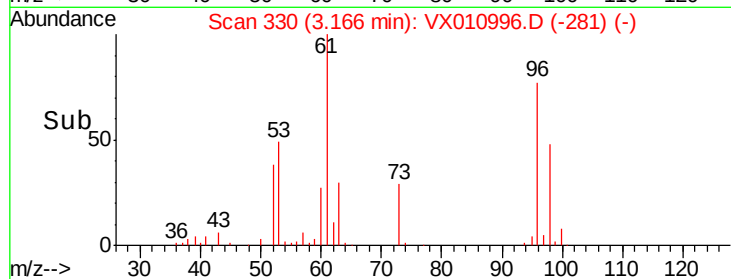
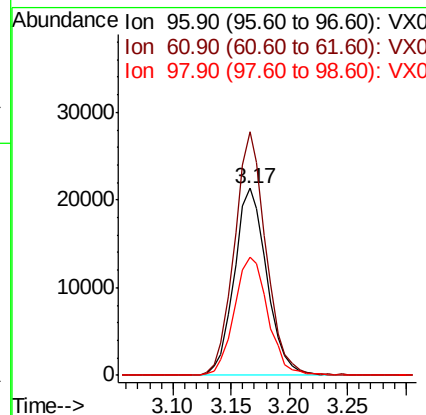
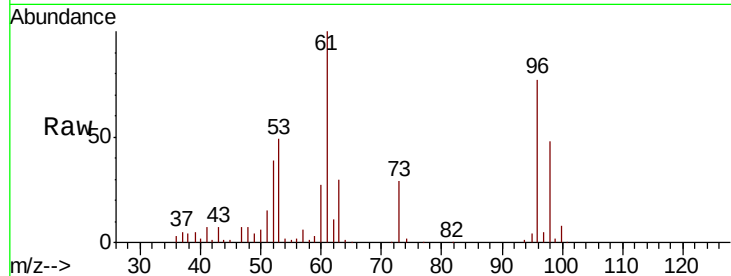
Tot Ion: 96 Resp: 41680

Ion Ratio Lower Upper

96 100

61 129.8 104.2 156.2

98 62.8 52.2 78.4



#22

Diisopropyl ether

Concen: 19.830 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion: 45 Resp: 122701

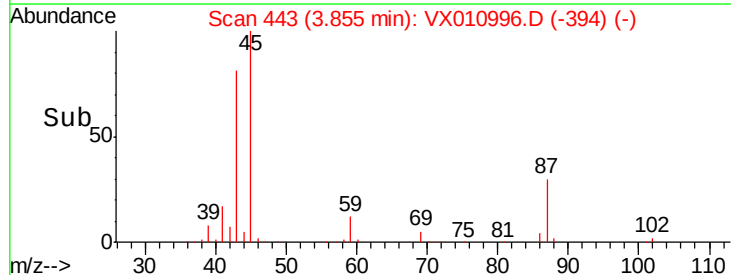
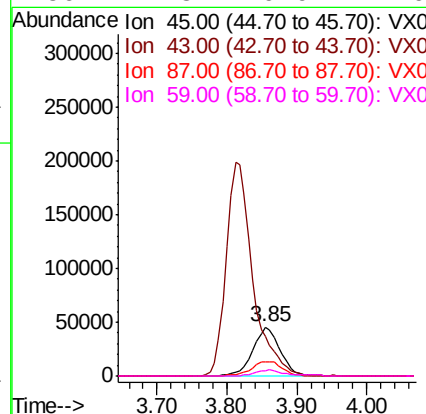
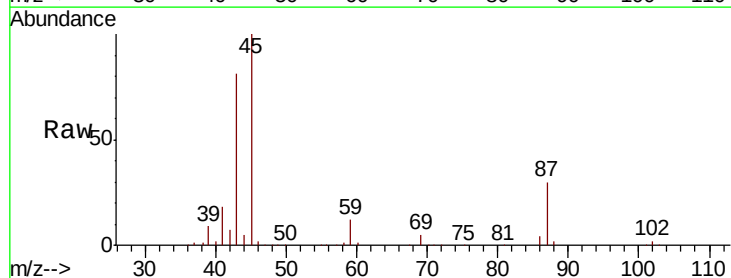
Ion Ratio Lower Upper

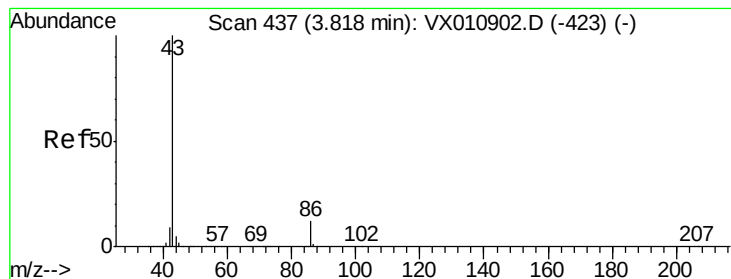
45 100

43 80.6 62.3 93.5

87 30.1 25.0 37.4

59 11.8 9.9 14.9





#23

Vinyl Acetate

Concen: 100.319 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

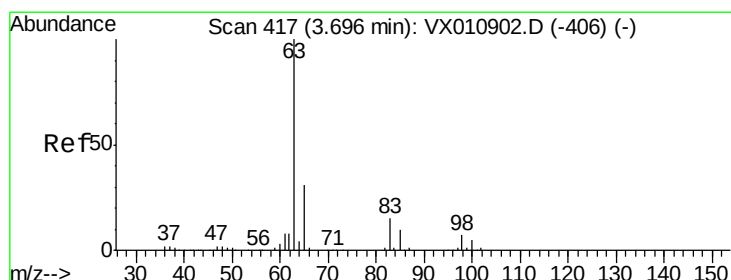
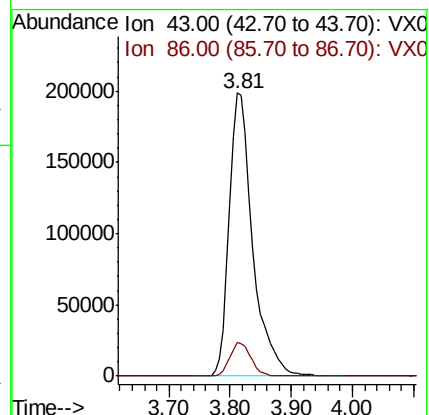
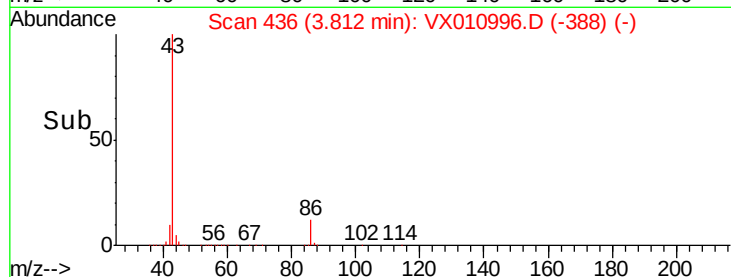
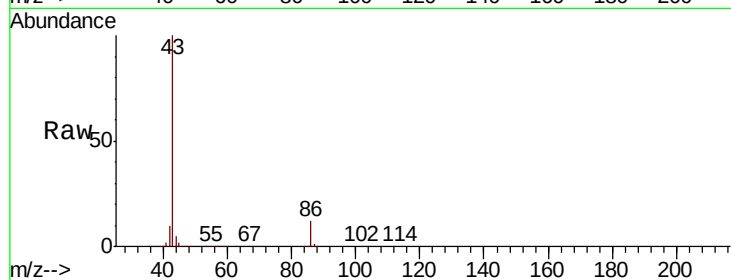
VX0720WBSD01

Tot Ion: 43 Resp: 525953

Ion Ratio Lower Upper

43 100

86 11.8 9.4 14.0



#24

1,1-Dichloroethane

Concen: 19.466 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

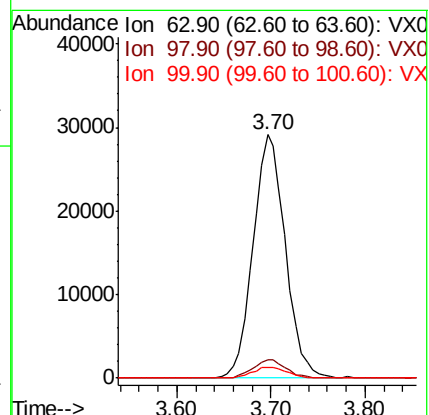
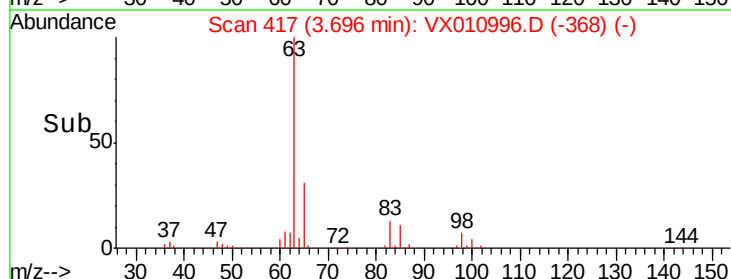
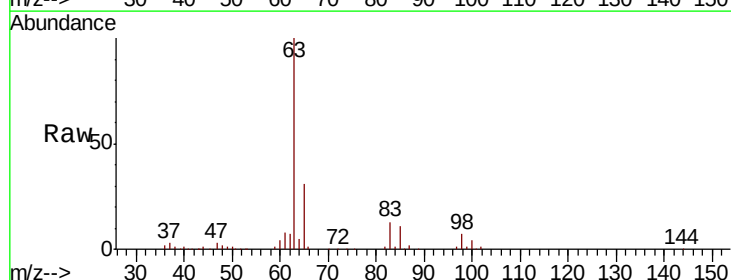
Tgt Ion: 63 Resp: 69951

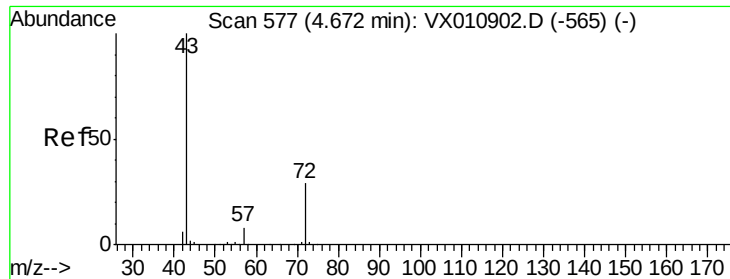
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 101.122 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

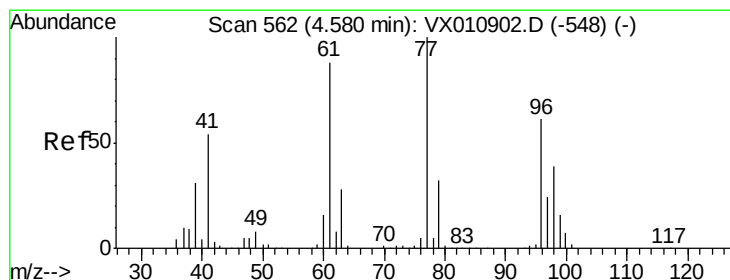
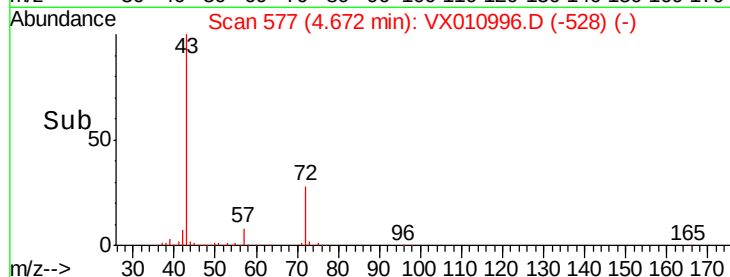
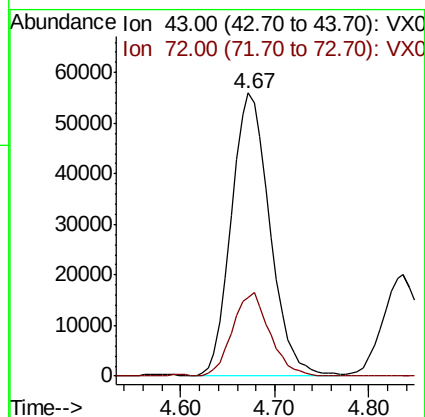
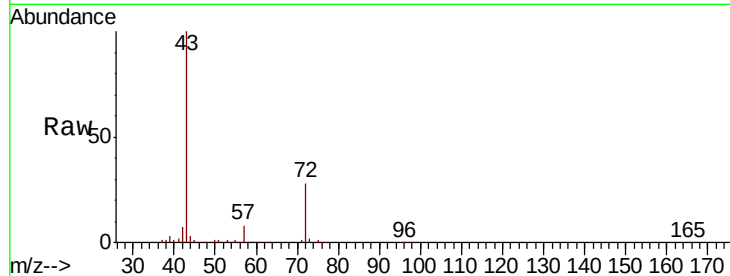
VX0720WBSD01

Tot Ion: 43 Resp: 158160

Ion Ratio Lower Upper

43 100

72 27.7 23.0 34.6



#26

2,2-Dichloropropane

Concen: 18.961 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010996.D

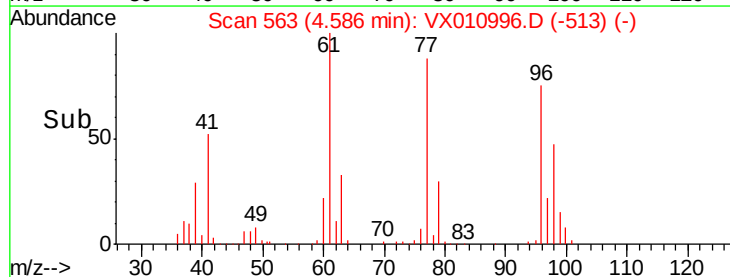
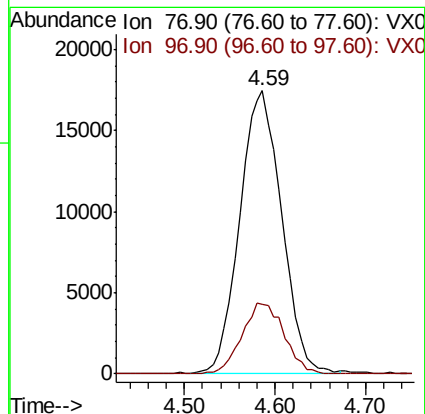
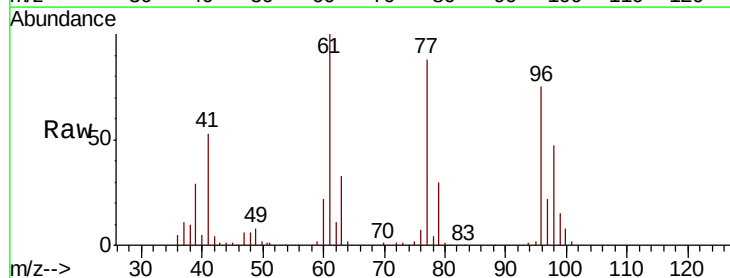
Acq: 19 Jul 2019 12:44

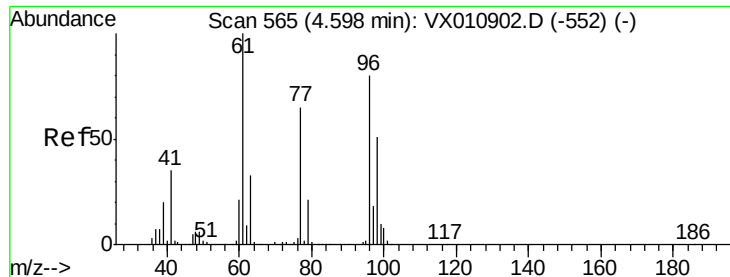
Tgt Ion: 77 Resp: 55947

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.6



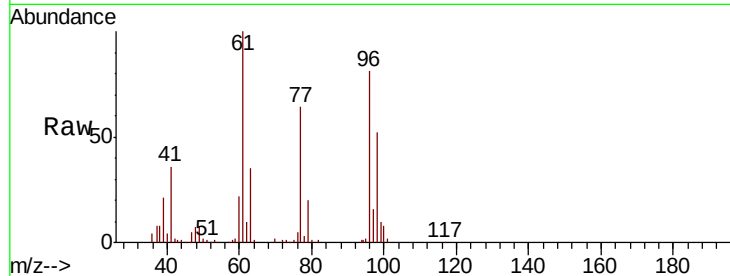


#27

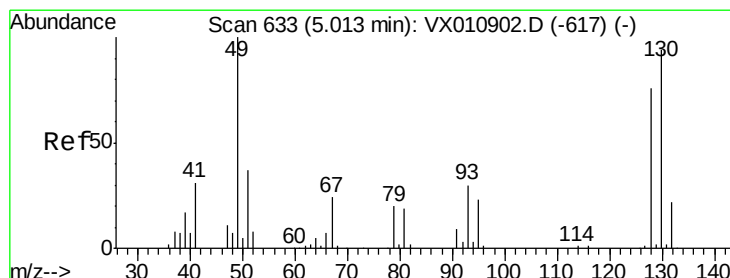
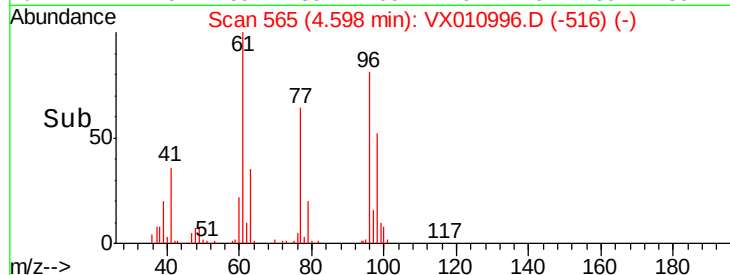
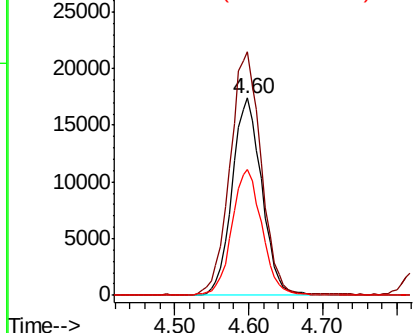
cis-1,2-Dichloroethene
 Concen: 19.676 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Tot Ion: 96 Resp: 48802
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 269.0
 98 64.5 0.0 131.4



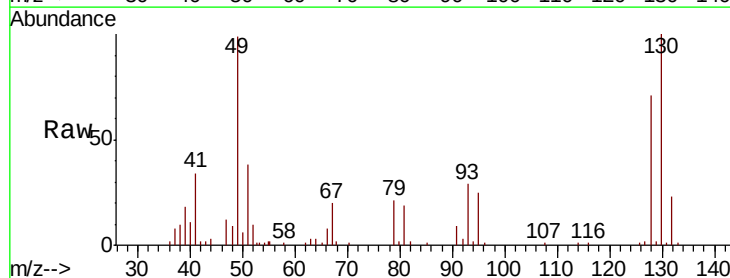
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



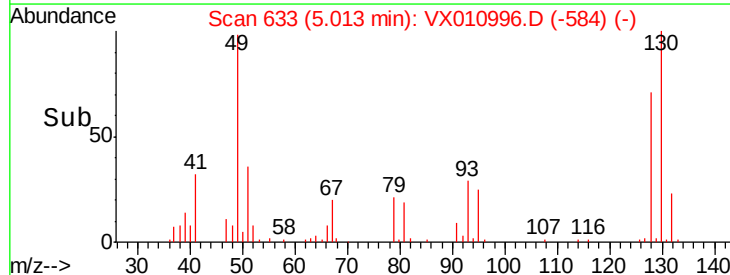
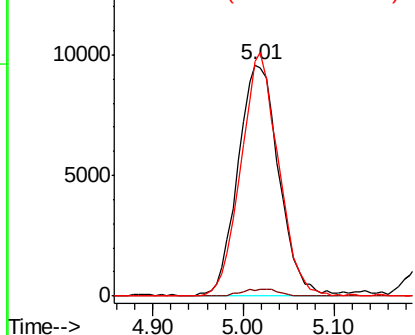
#28

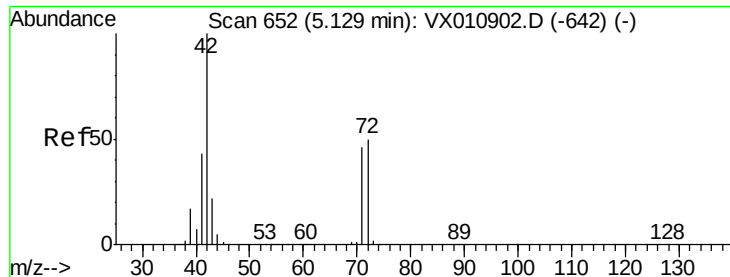
Bromochloromethane
 Concen: 17.737 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion: 49 Resp: 30036
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 96.3 76.9 115.3



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: 99.455 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

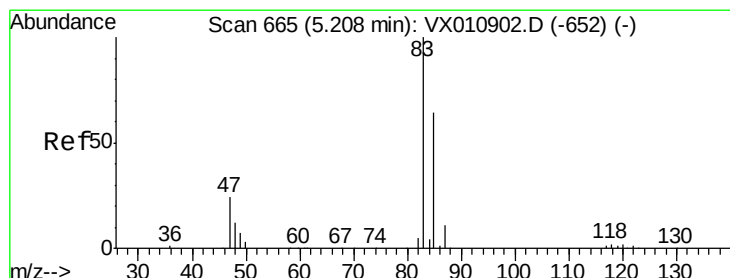
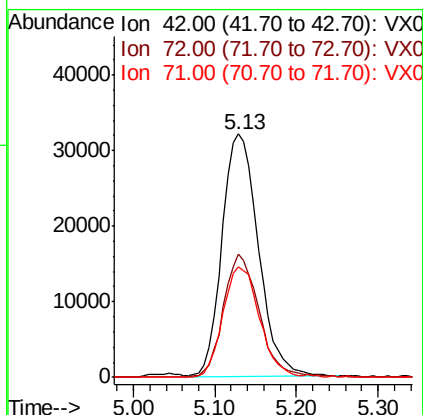
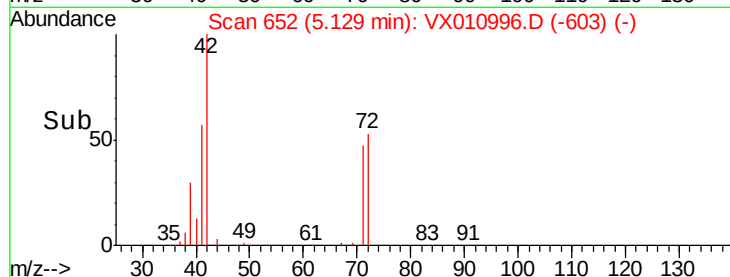
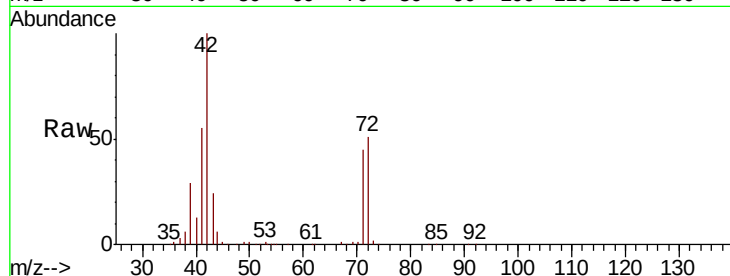
Tot Ion: 42 Resp: 98533

Ion Ratio Lower Upper

42 100

72 50.4 39.8 59.8

71 46.0 37.0 55.4



#30

Chloroform

Concen: 19.366 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010996.D

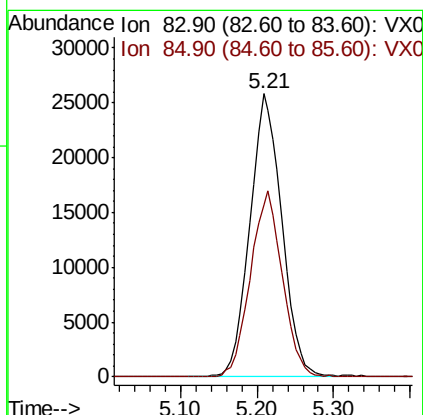
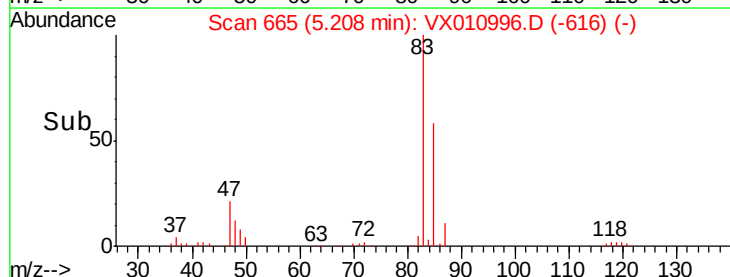
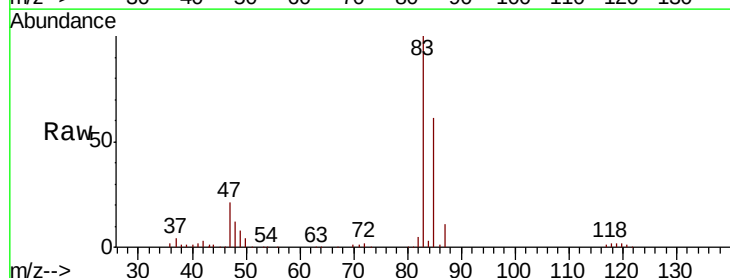
Acq: 19 Jul 2019 12:44

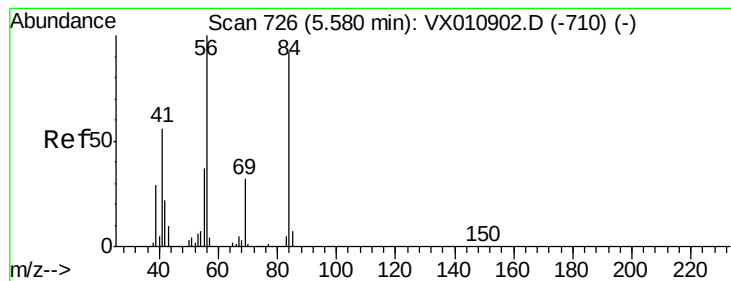
Tgt Ion: 83 Resp: 75222

Ion Ratio Lower Upper

83 100

85 60.9 51.4 77.0





#31

Cyclohexane

Concen: 19.419 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

VX0720WBSD01

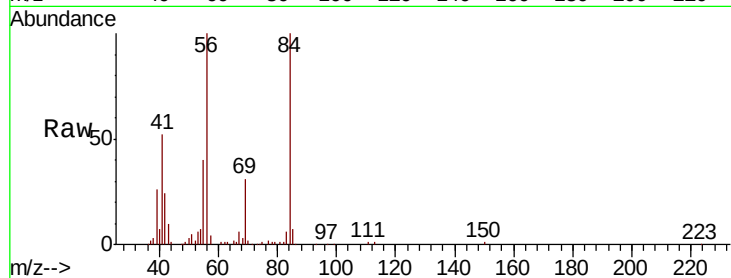
Tot Ion: 56 Resp: 63607

Ion Ratio Lower Upper

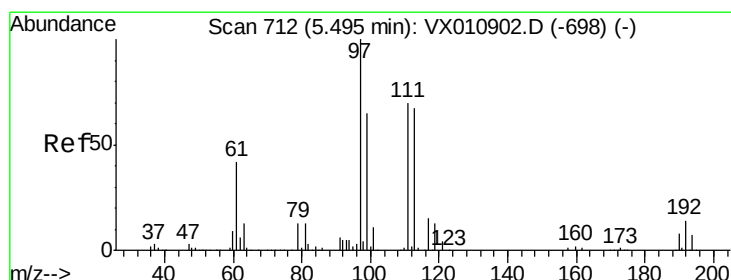
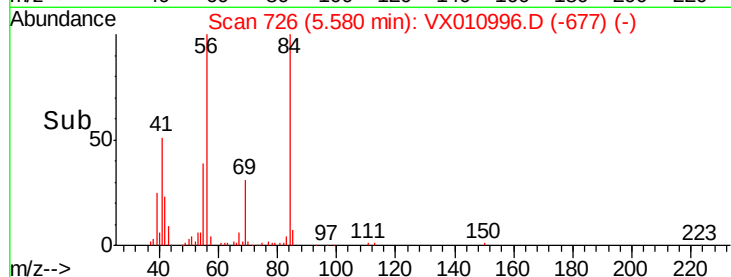
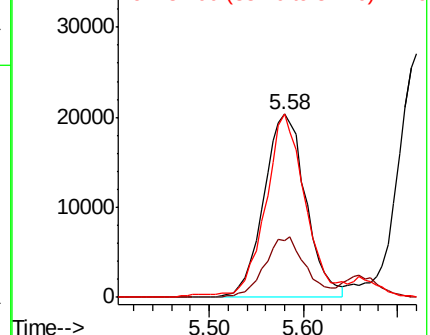
56 100

69 30.4 25.8 38.8

84 98.4 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 19.525 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

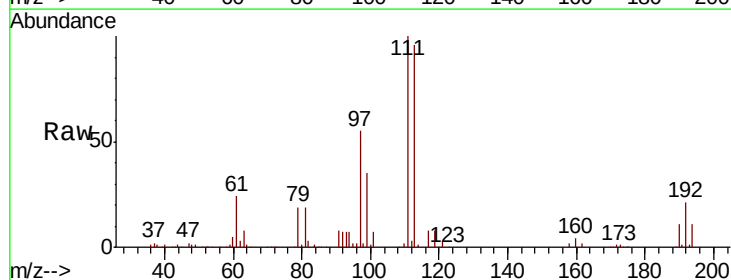
Tgt Ion: 97 Resp: 65614

Ion Ratio Lower Upper

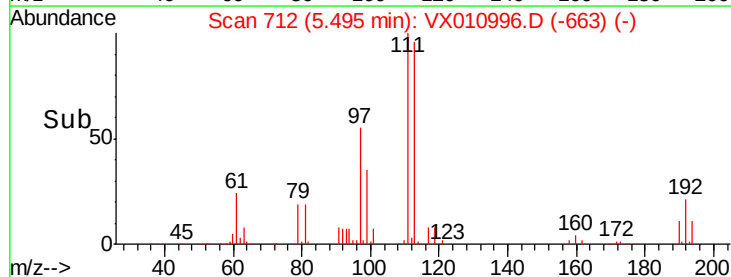
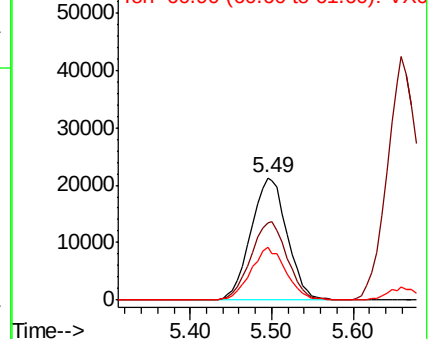
97 100

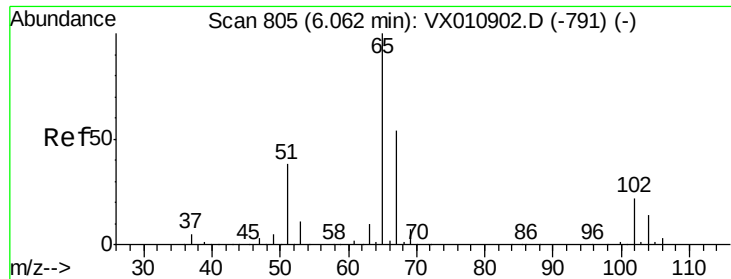
99 64.4 51.4 77.0

61 42.4 33.0 49.6



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

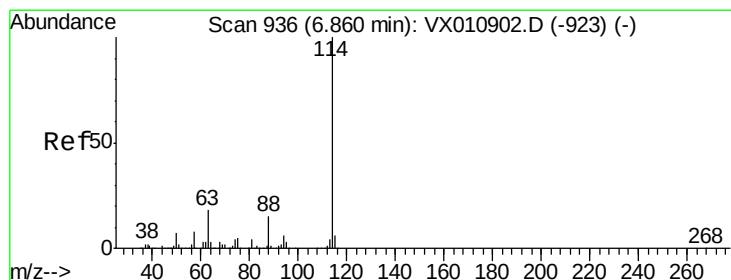
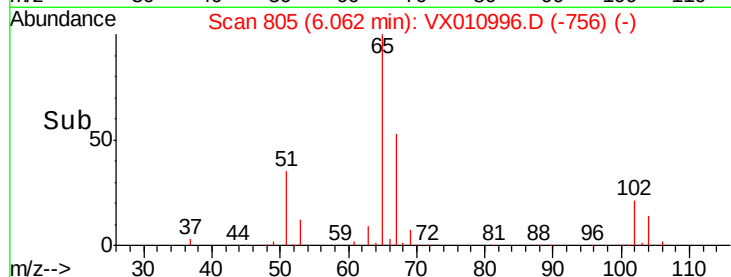
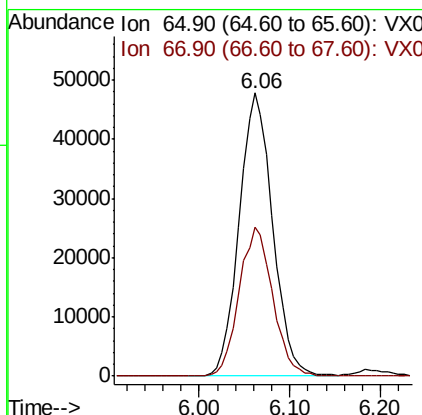
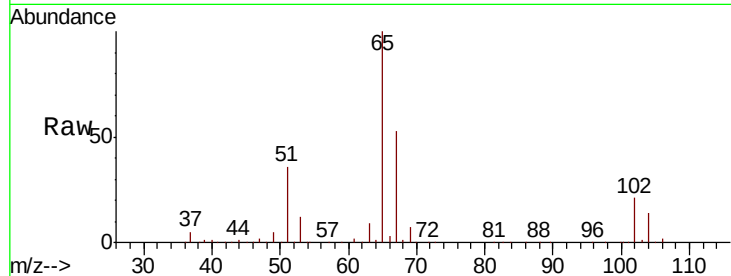




#33
 1,2-Dichloroethane-d4
 Concen: 50.707 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

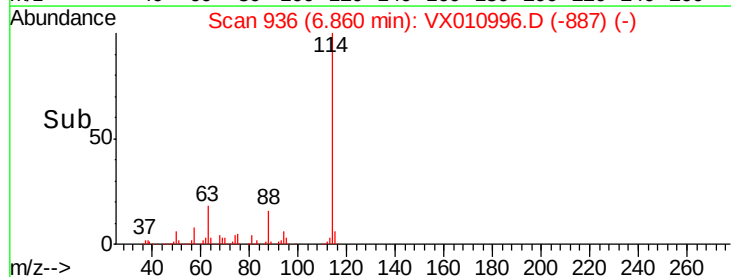
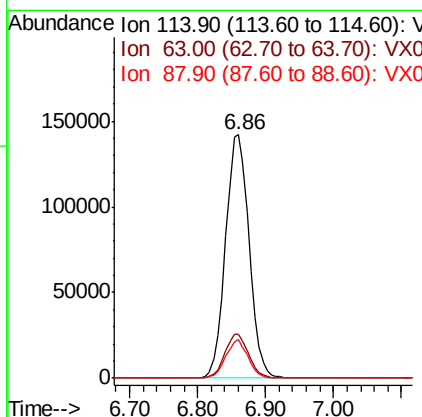
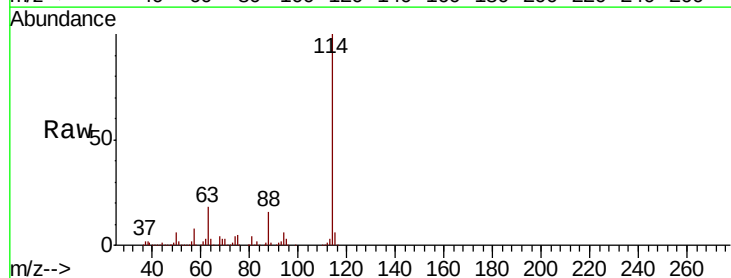
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

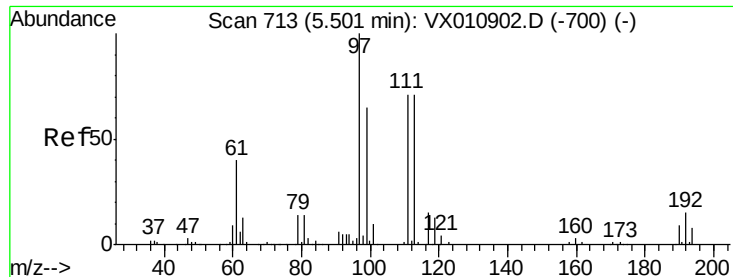
Tot Ion: 65 Resp: 122325
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion: 114 Resp: 340656
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 16.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.011 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

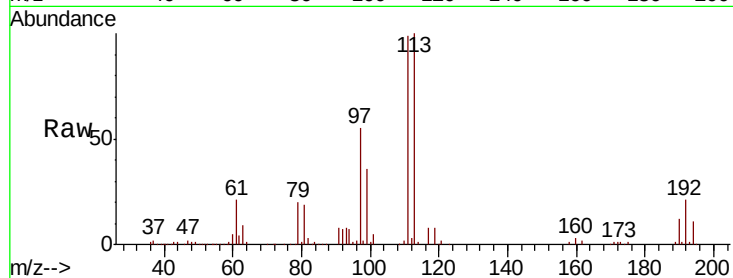
Tot Ion:113 Resp: 108134

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

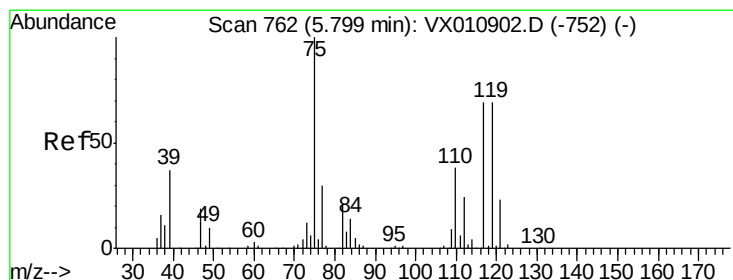
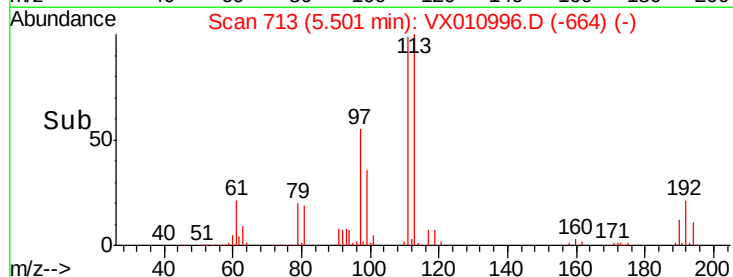
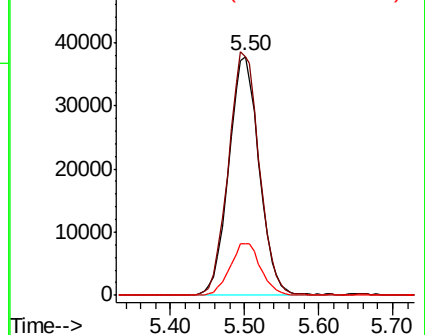
192 22.0 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.584 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

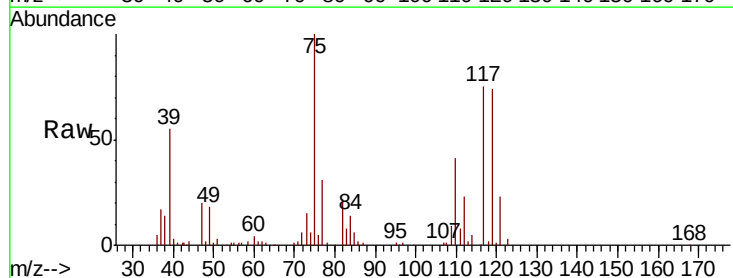
Tgt Ion: 75 Resp: 54800

Ion Ratio Lower Upper

75 100

110 38.5 19.9 59.7

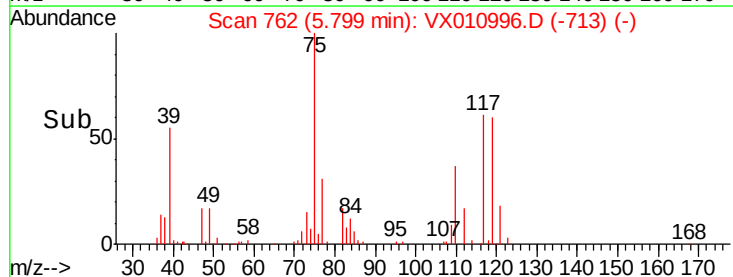
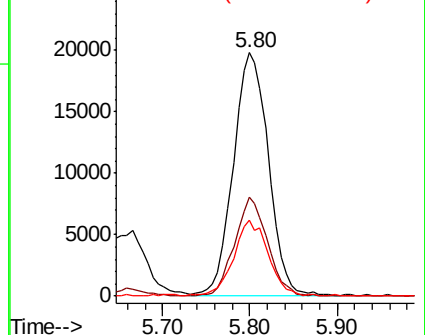
77 31.2 25.0 37.4

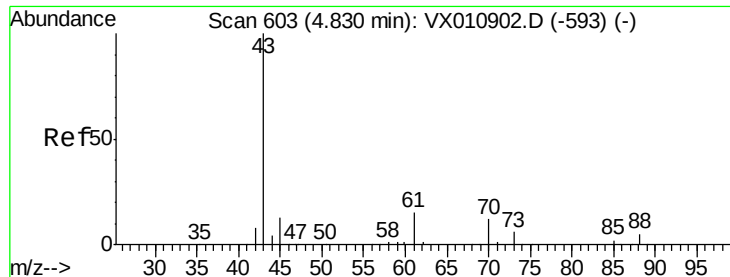


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.986 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

VX0720WBSD01

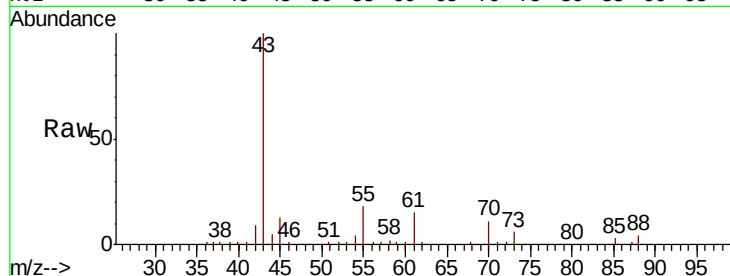
Tot Ion: 43 Resp: 57265

Ion Ratio Lower Upper

43 100

61 15.6 11.6 17.4

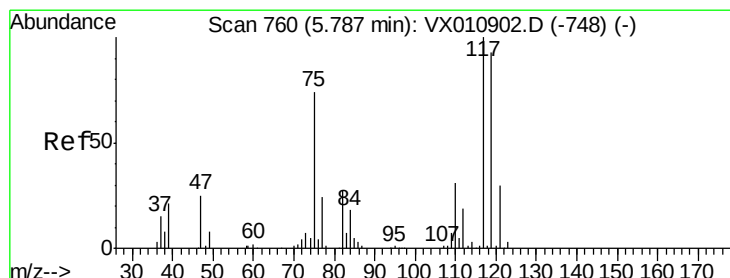
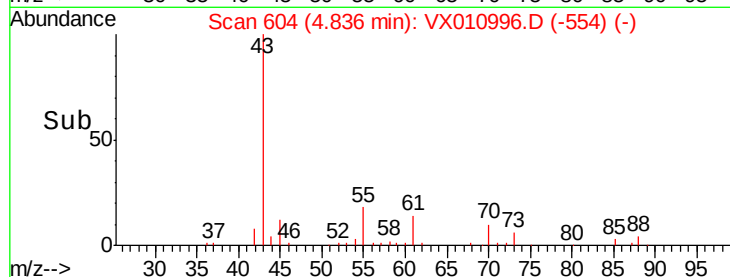
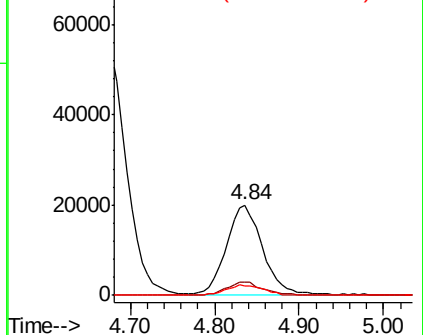
70 12.3 9.1 13.7



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: 19.583 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

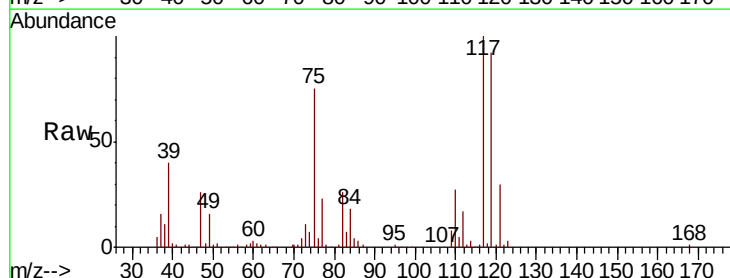
Tgt Ion: 117 Resp: 57100

Ion Ratio Lower Upper

117 100

119 92.1 74.2 111.2

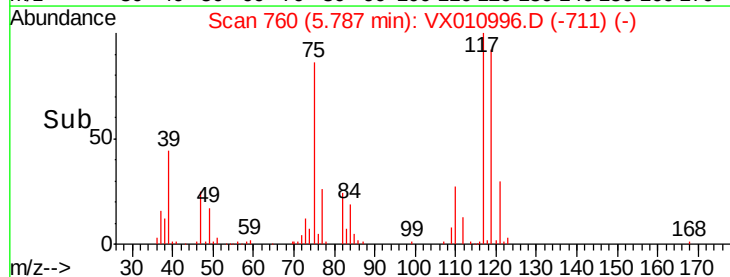
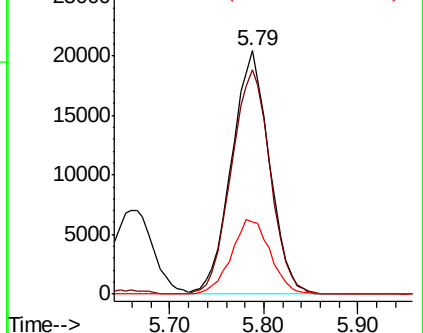
121 29.8 24.2 36.2

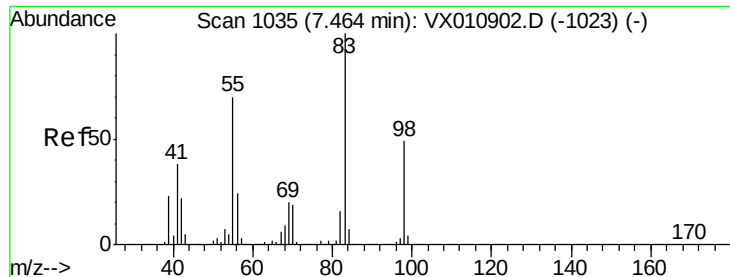


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

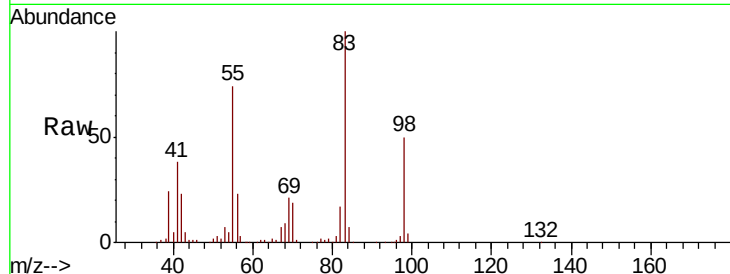




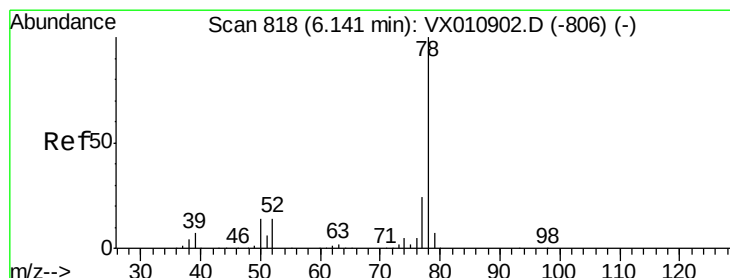
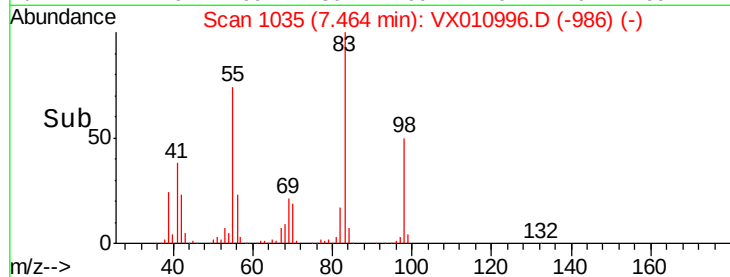
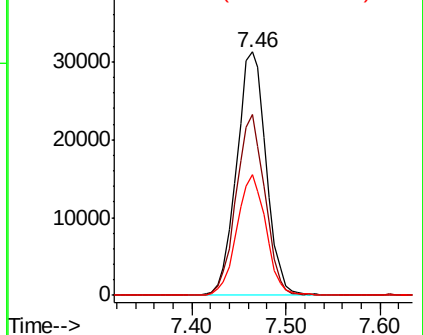
#39
Methylvlcyclohexane
Concen: 18.817 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion: 83 Resp: 68283
Ion Ratio Lower Upper
83 100
55 74.1 56.2 84.4
98 49.7 39.0 58.4

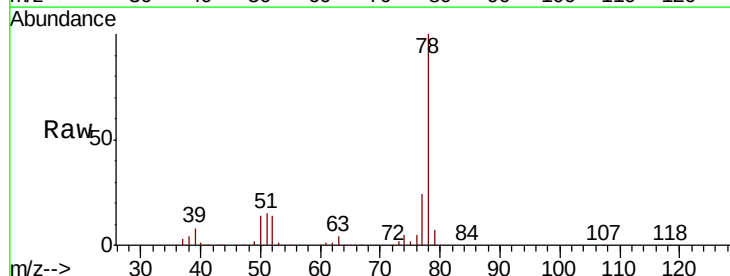


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

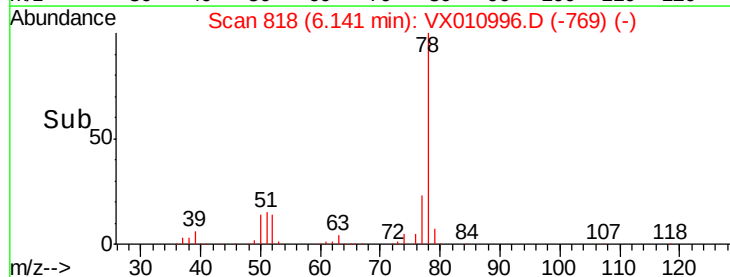
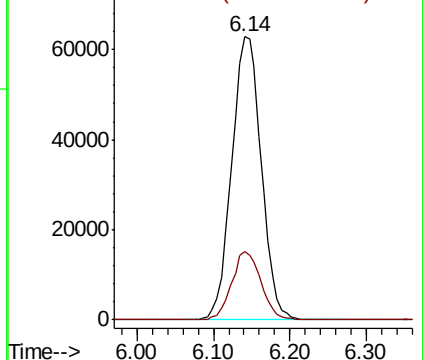


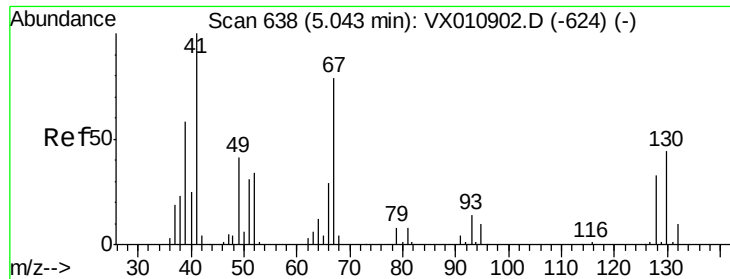
#40
Benzene
Concen: 19.625 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 78 Resp: 168213
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



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

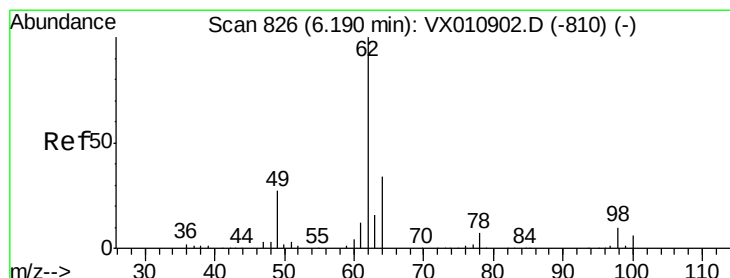
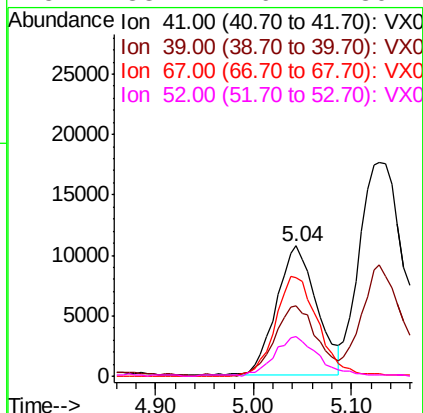
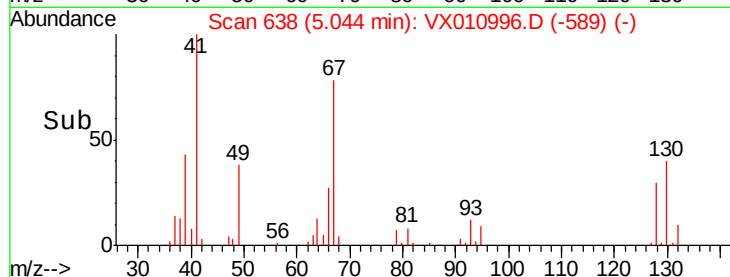
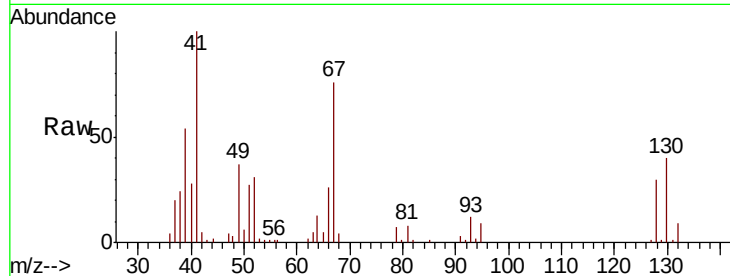




#41
Methacrylonitrile
Concen: 19.224 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

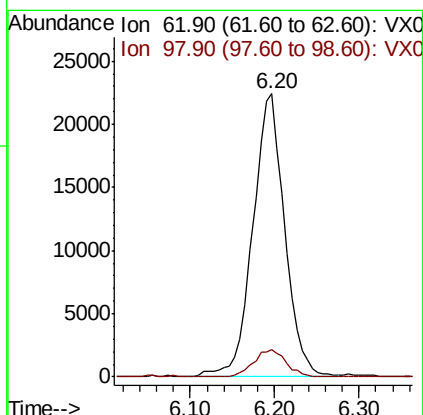
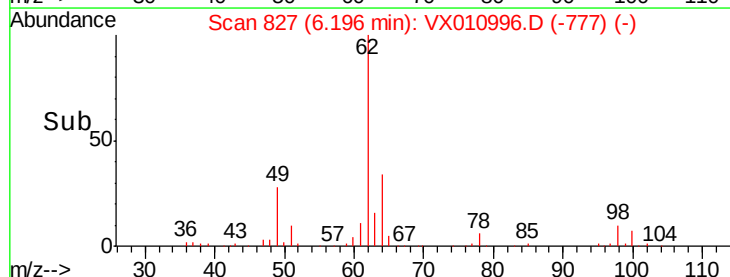
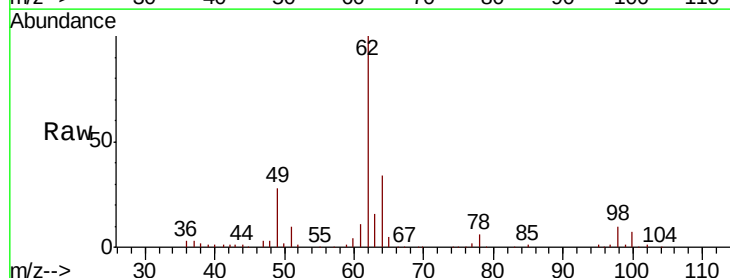
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

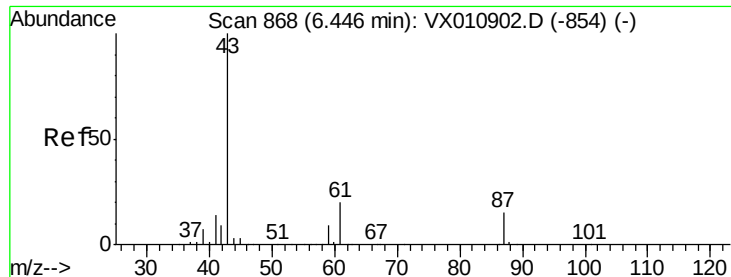
Tot Ion:	41	Resp:	31268
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.4	68.2
67	80.9	65.9	98.9
52	33.2	26.2	39.2



#42
1,2-Dichloroethane
Concen: 19.492 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion:	62	Resp:	58091
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.316 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

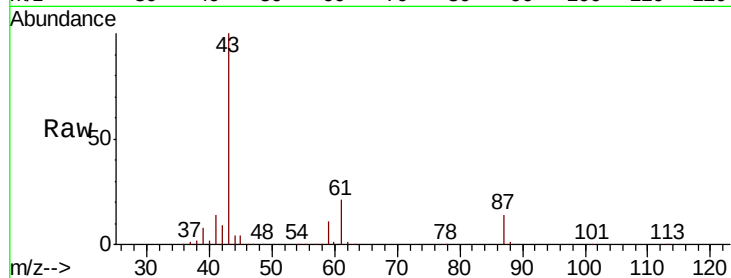
Tot Ion: 43 Resp: 91006

Ion Ratio Lower Upper

43 100

61 21.0 17.1 25.7

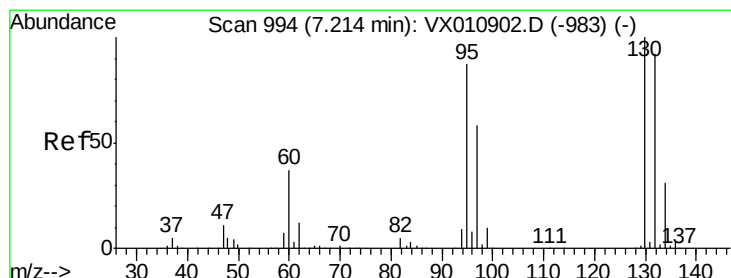
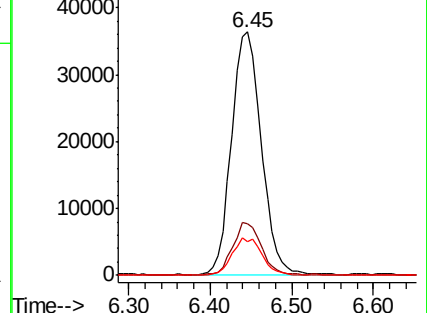
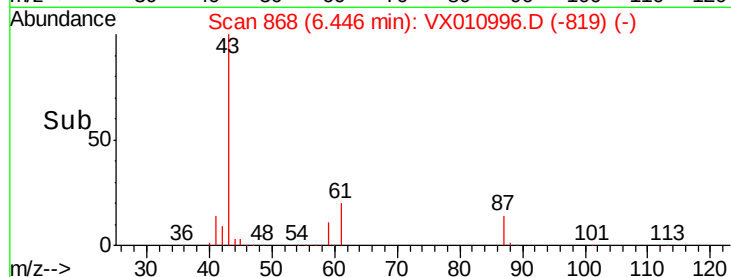
87 15.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.378 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010996.D

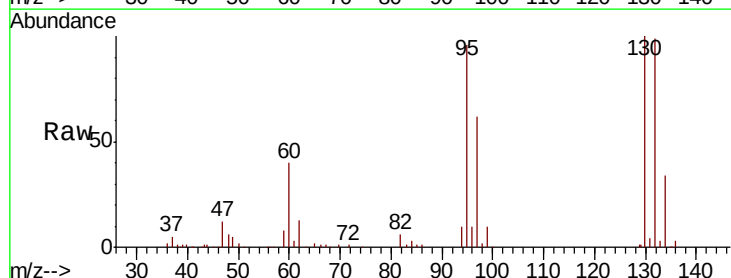
Acq: 19 Jul 2019 12:44

Tgt Ion:130 Resp: 49166

Ion Ratio Lower Upper

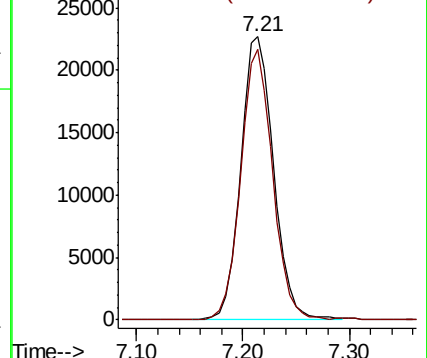
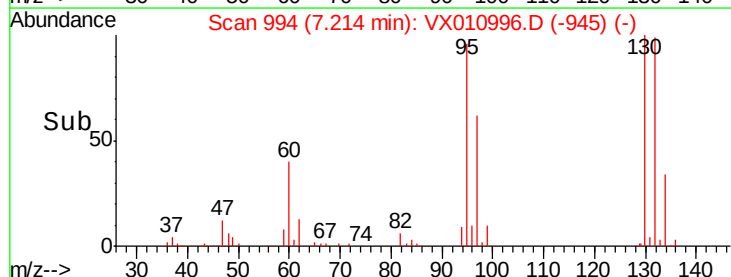
130 100

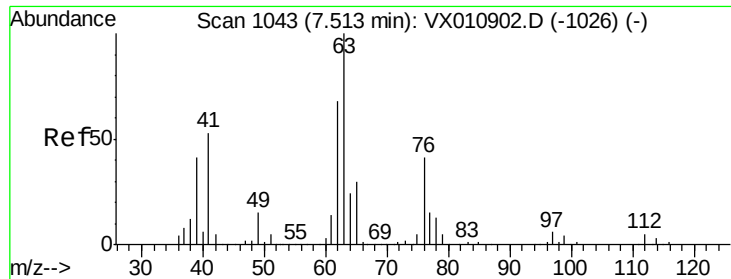
95 95.7 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

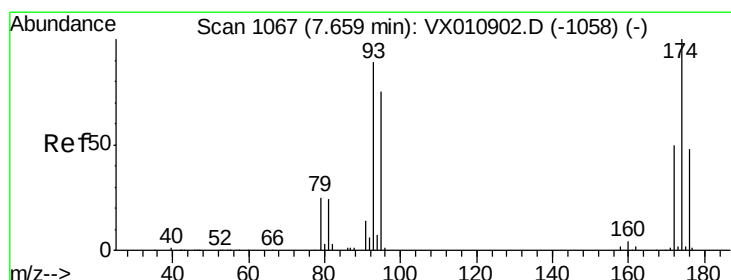
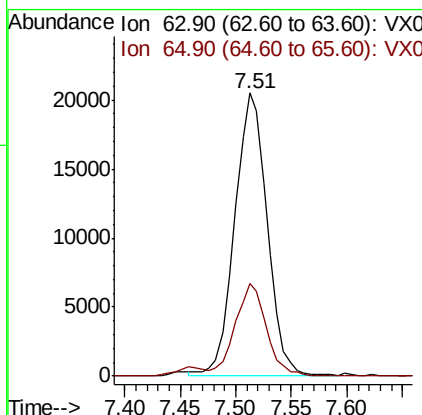
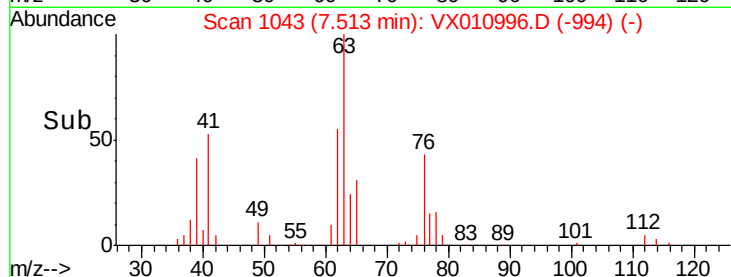
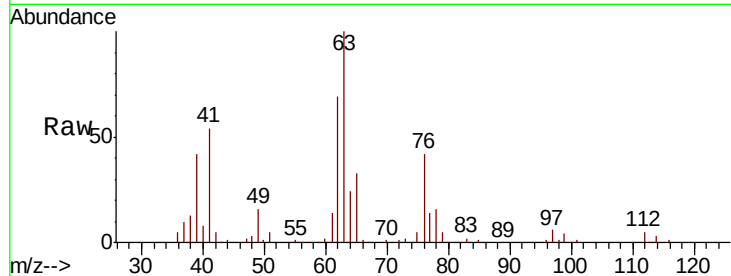




#45
 1,2-Dichloropropane
 Concen: 18.755 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

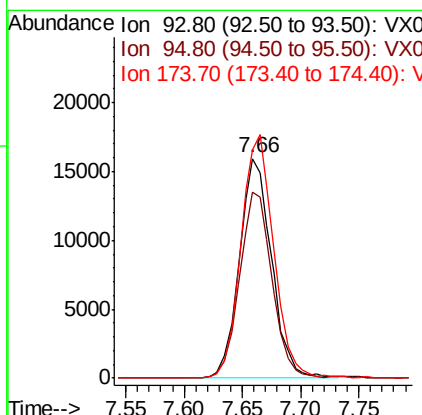
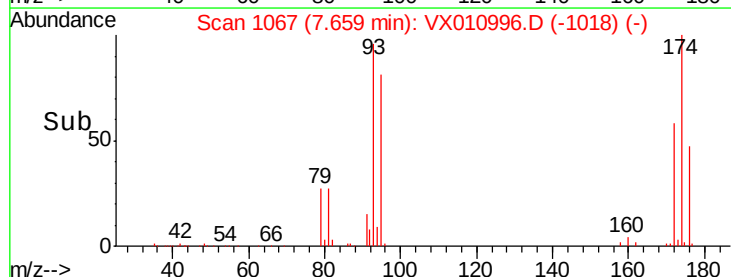
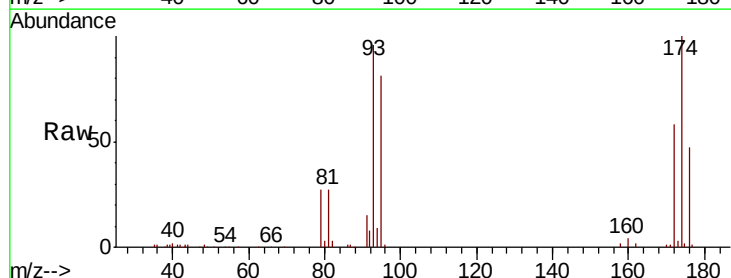
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

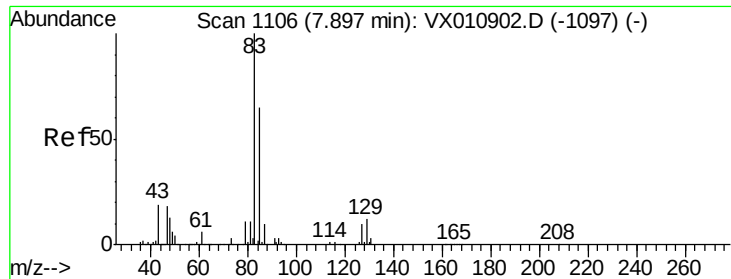
Tot Ion: 63 Resp: 40915
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.4 36.6



#46
 Dibromomethane
 Concen: 19.670 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion: 93 Resp: 30664
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.2 100.8
 174 112.5 90.6 135.8





#47

Bromodichloromethane

Concen: 19.543 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

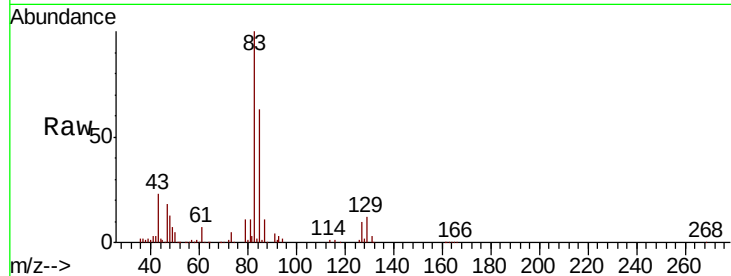
Tot Ion: 83 Resp: 54231

Ion Ratio Lower Upper

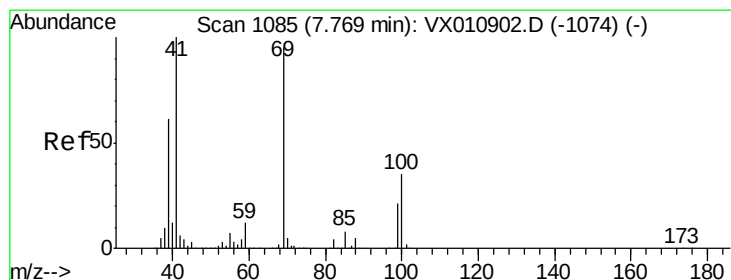
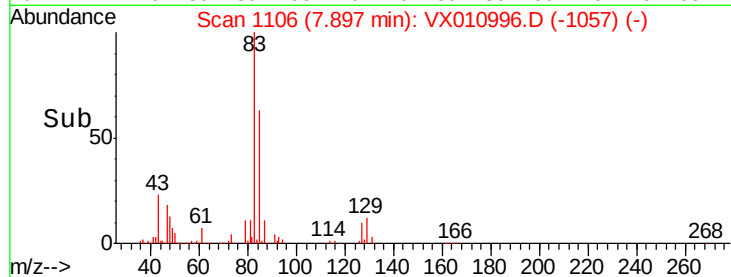
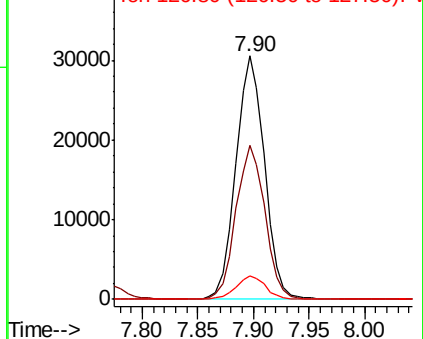
83 100

85 63.1 52.5 78.7

127 9.7 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: 19.337 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

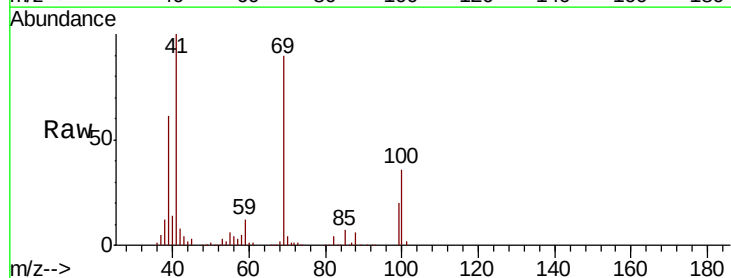
Tgt Ion: 41 Resp: 44380

Ion Ratio Lower Upper

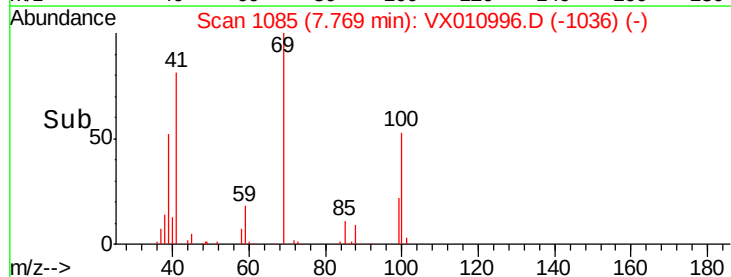
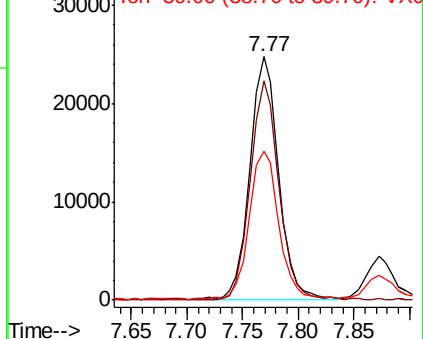
41 100

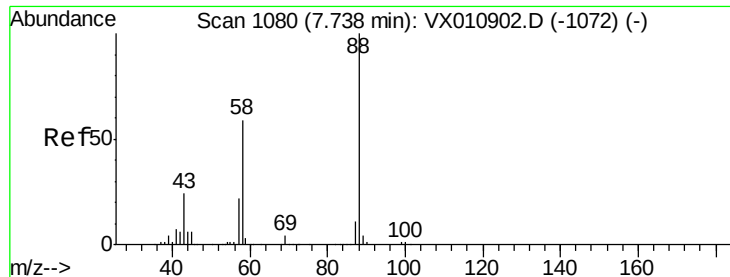
69 91.0 74.4 111.6

39 62.1 48.9 73.3



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

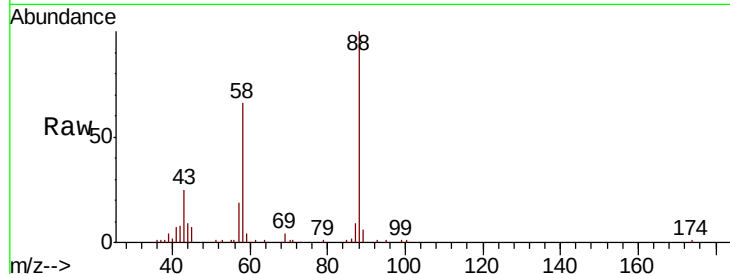




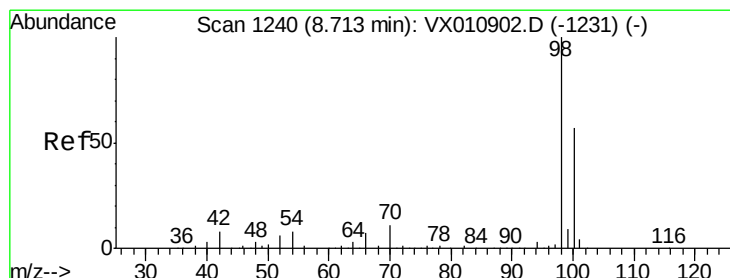
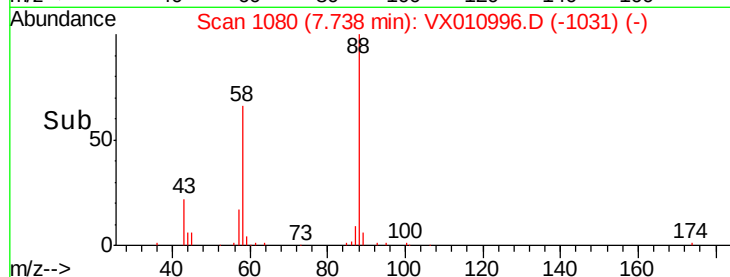
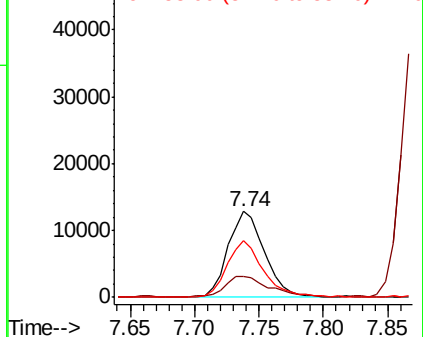
#49
1,4-Dioxane
Concen: 394.905 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion: 88 Resp: 25353
Ion Ratio Lower Upper
88 100
43 29.5 22.9 34.3
58 66.6 49.8 74.8

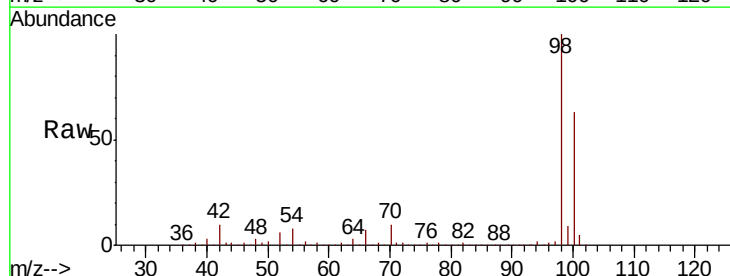


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

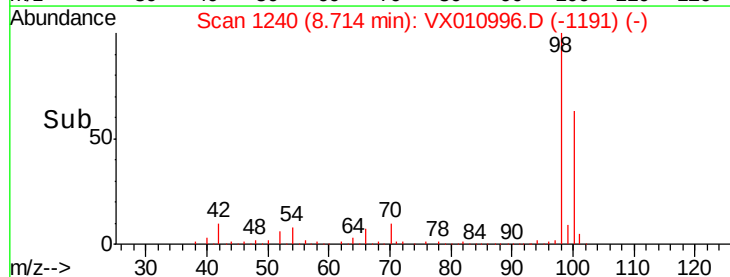
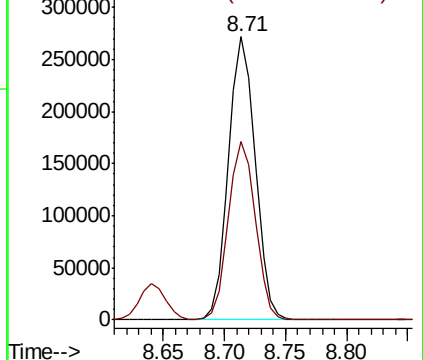


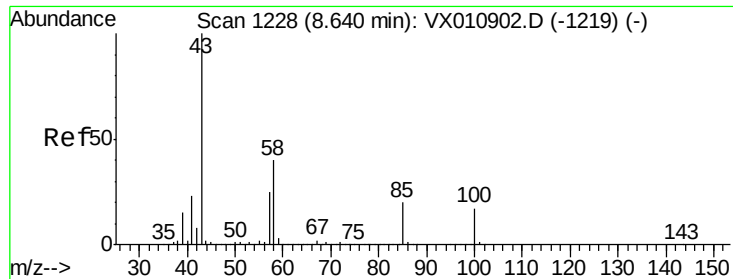
#50
Toluene-d8
Concen: 50.810 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 98 Resp: 412052
Ion Ratio Lower Upper
98 100
100 63.6 50.6 75.8



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





#51

4-Methyl-2-Pentanone

Concen: 99.849 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

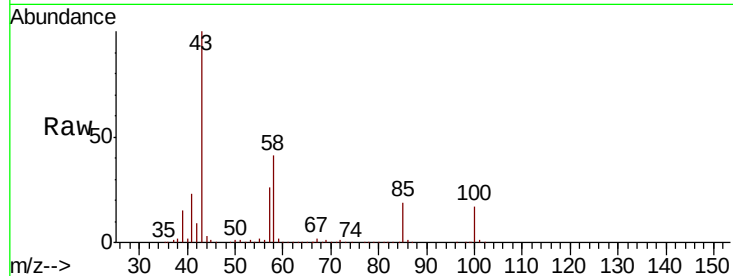
VX0720WBSD01

Tot Ion: 43 Resp: 304946

Ion Ratio Lower Upper

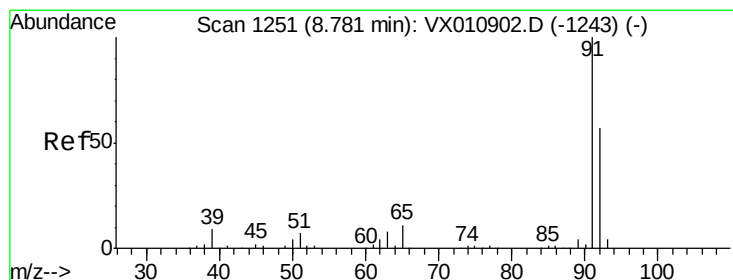
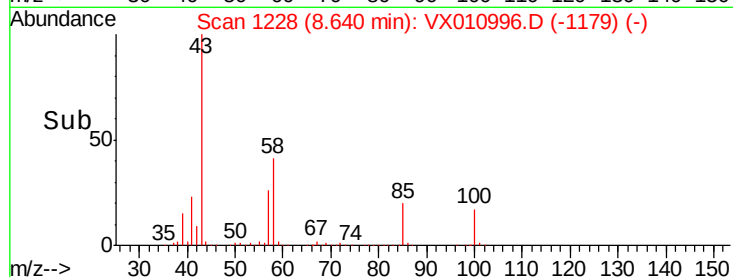
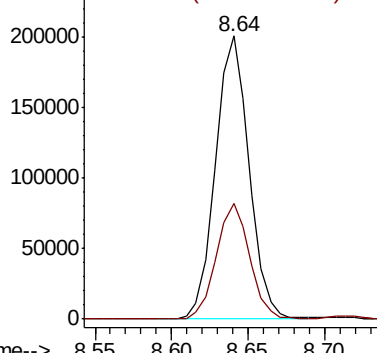
43 100

58 40.6 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.360 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX010996.D

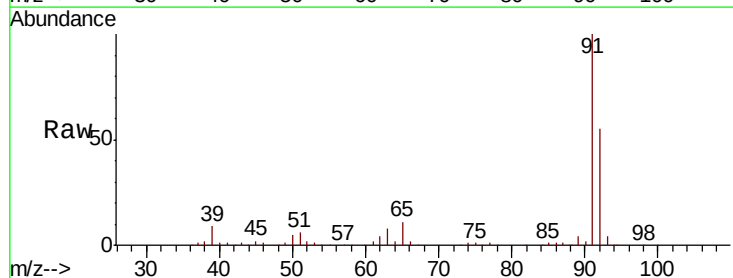
Acq: 19 Jul 2019 12:44

Tgt Ion: 92 Resp: 109015

Ion Ratio Lower Upper

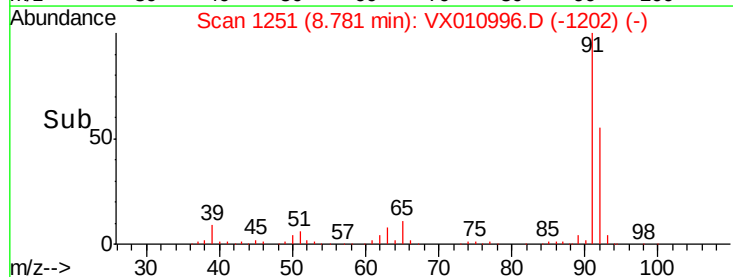
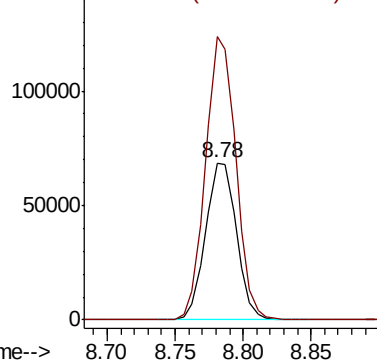
92 100

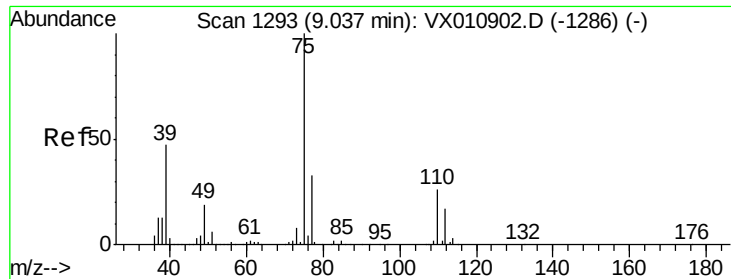
91 177.2 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

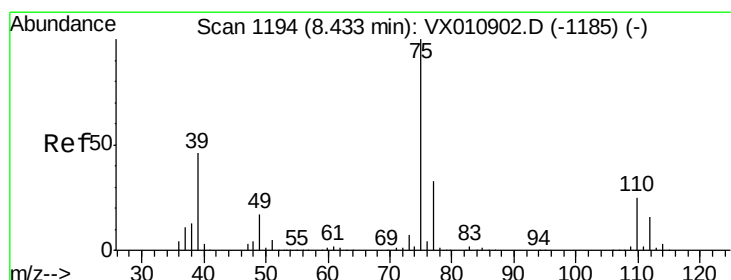
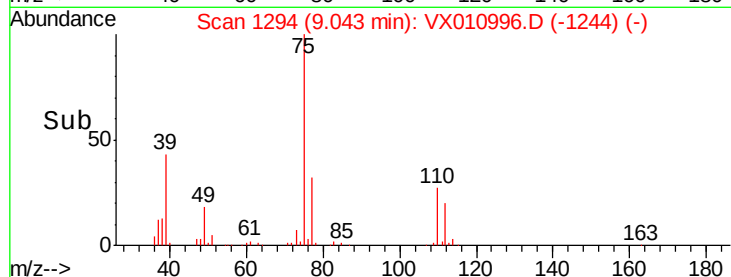
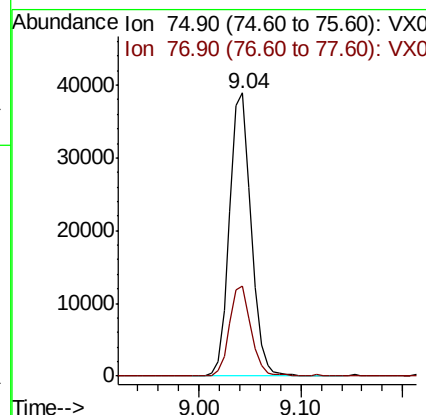
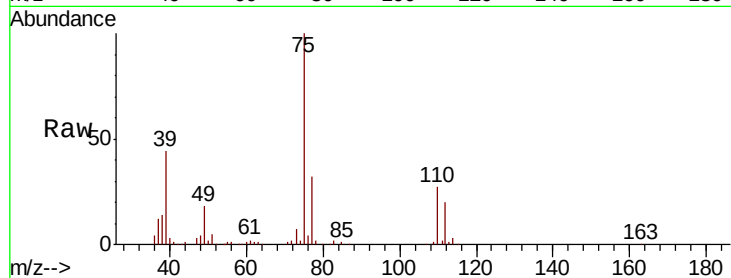




#53
 t-1,3-Dichloropropene
 Concen: 19.189 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

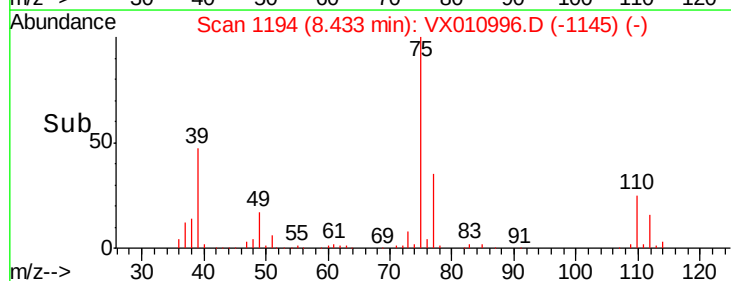
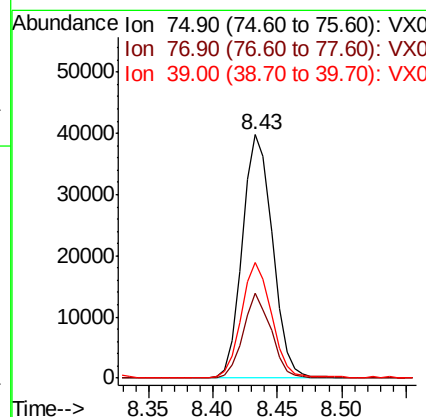
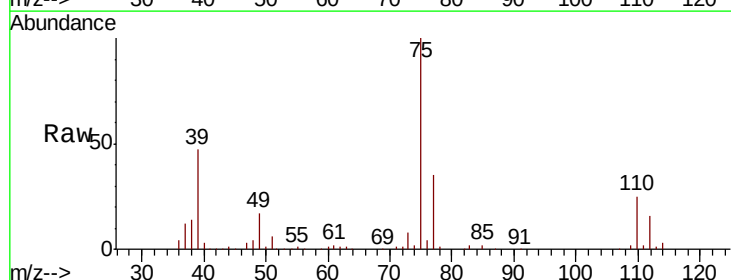
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

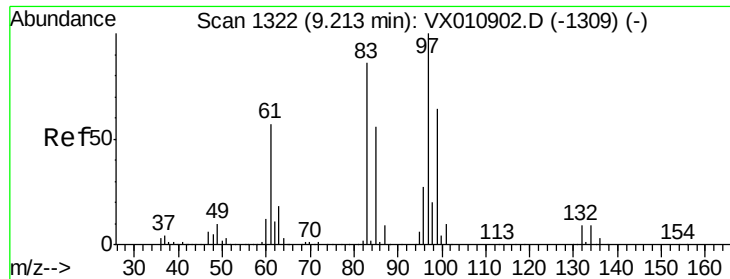
Tot Ion: 75 Resp: 57256
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.437 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion: 75 Resp: 64534
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.1 39.1
 39 47.1 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 19.425 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 97 Resp: 45036

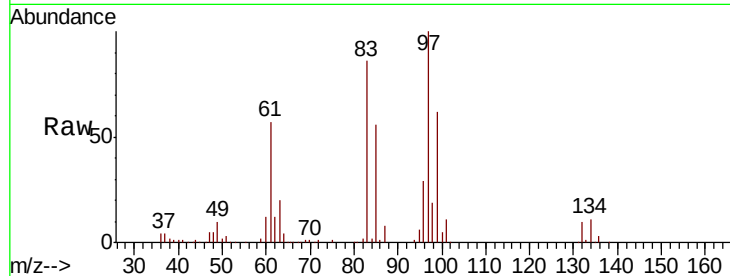
Ion Ratio Lower Upper

97 100

83 86.0 69.2 103.8

85 55.4 44.6 66.8

99 62.1 51.2 76.8

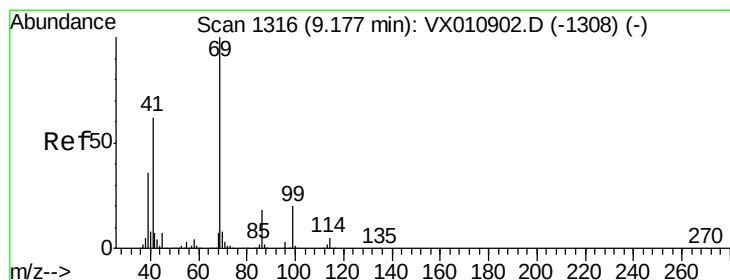
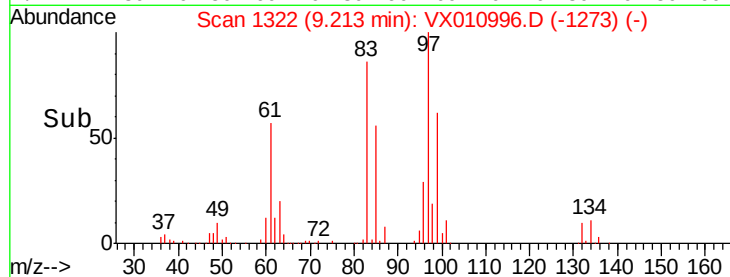
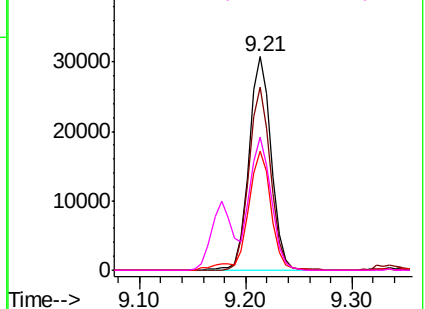


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.522 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

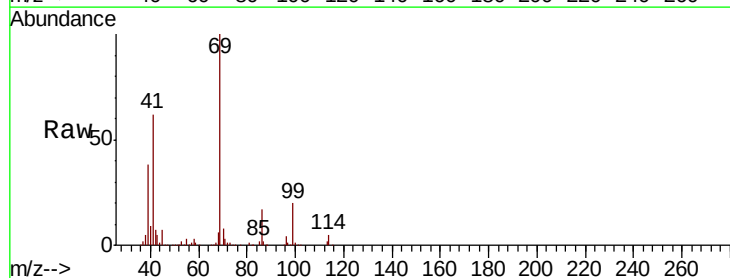
Tgt Ion: 69 Resp: 66207

Ion Ratio Lower Upper

69 100

41 63.6 49.7 74.5

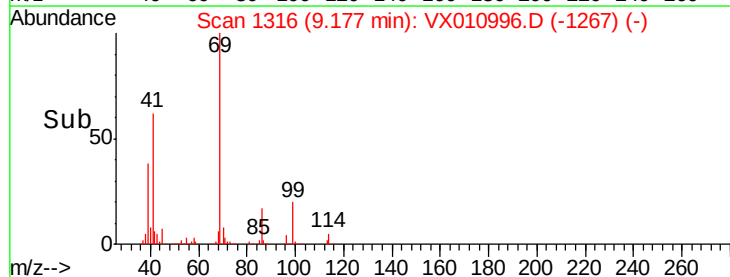
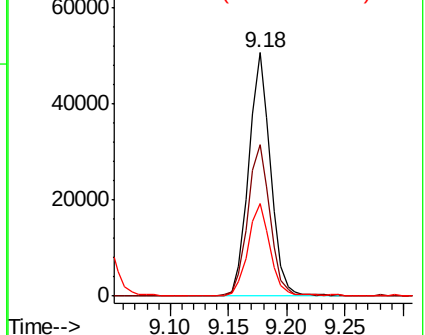
39 37.8 29.6 44.4

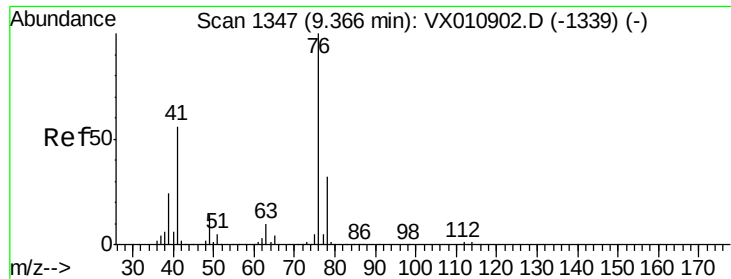


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.542 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

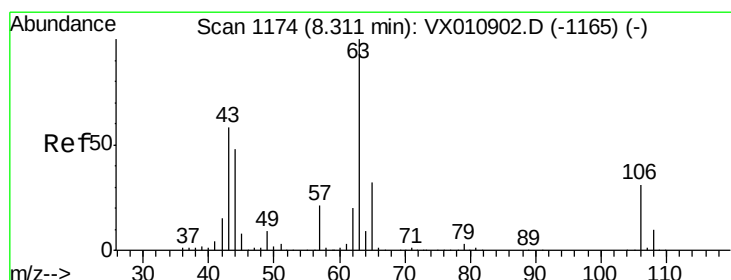
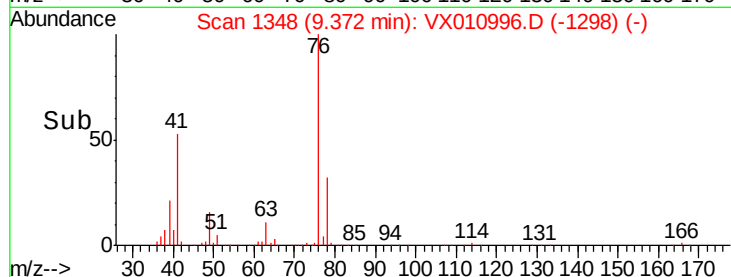
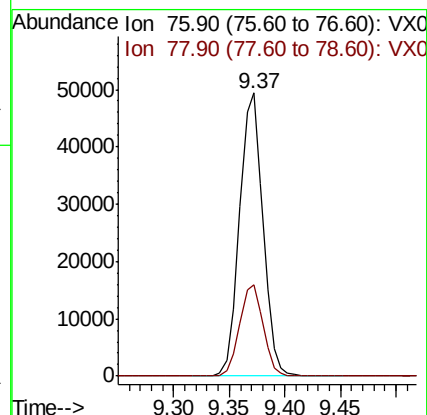
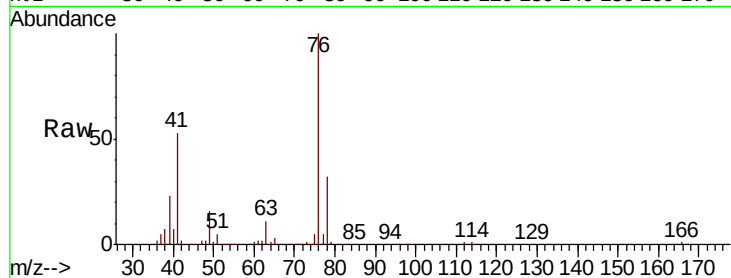
VX0720WBSD01

Tot Ion: 76 Resp: 71876

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.186 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010996.D

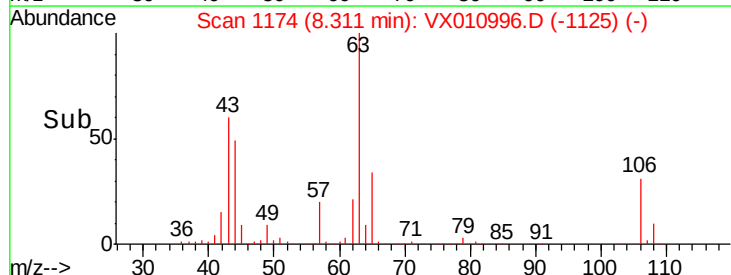
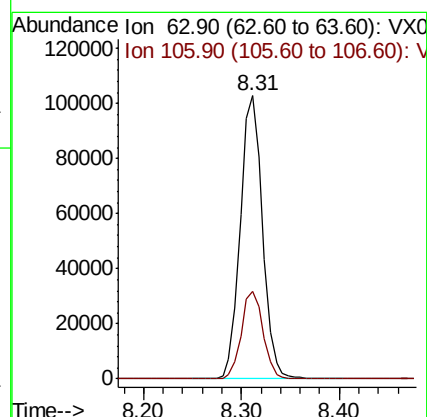
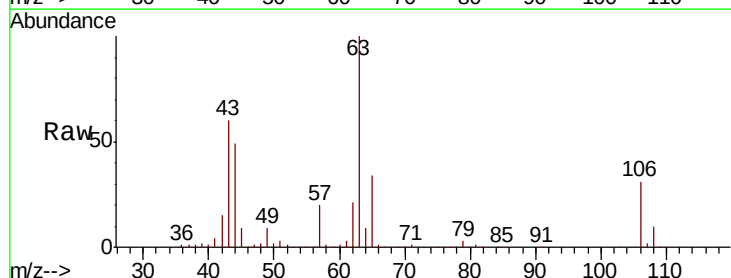
Acq: 19 Jul 2019 12:44

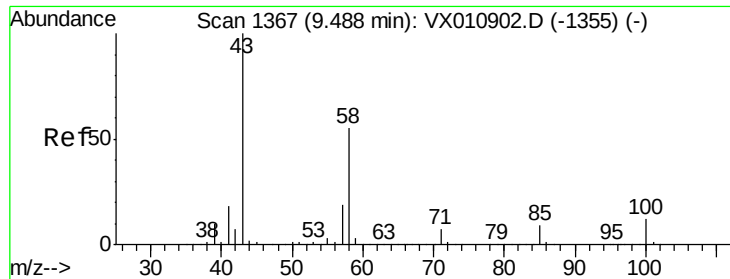
Tgt Ion: 63 Resp: 162191

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0

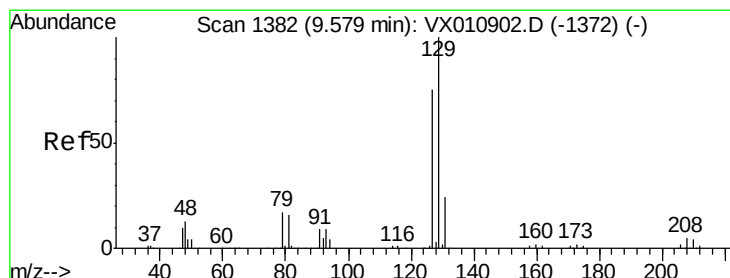
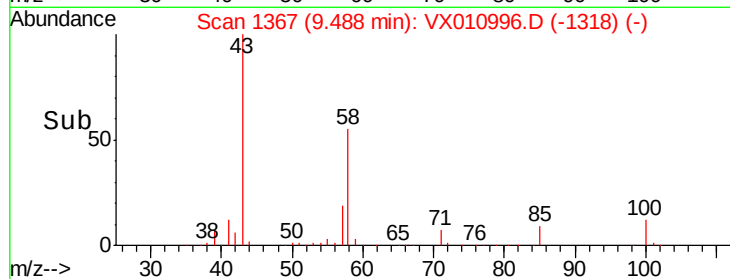
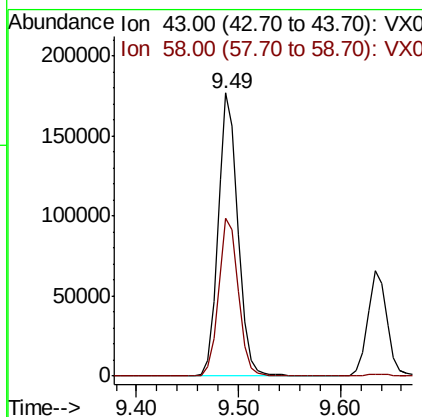
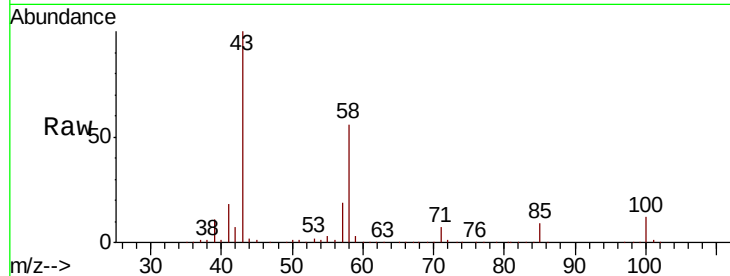




#59
 2-Hexanone
 Concen: 101.195 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

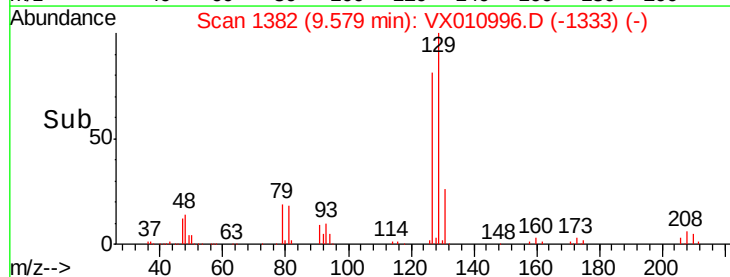
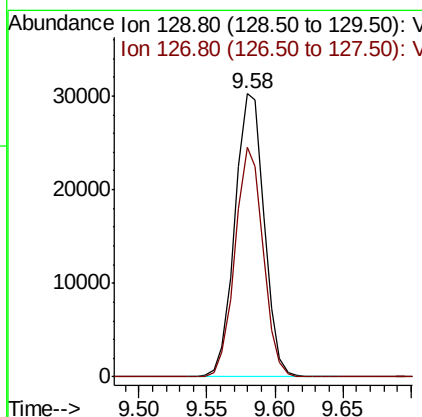
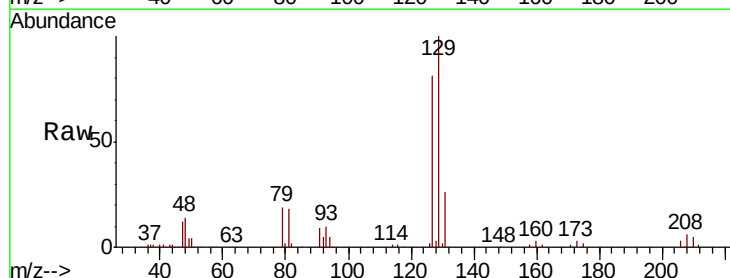
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

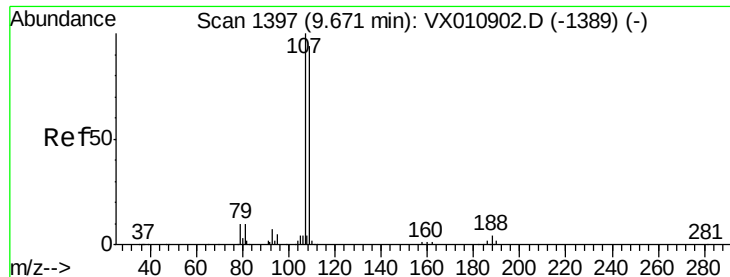
Tot Ion: 43 Resp: 239710
 Ion Ratio Lower Upper
 43 100
 58 56.1 28.0 83.9



#60
 Dibromochloromethane
 Concen: 18.703 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion:129 Resp: 45458
 Ion Ratio Lower Upper
 129 100
 127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.922 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

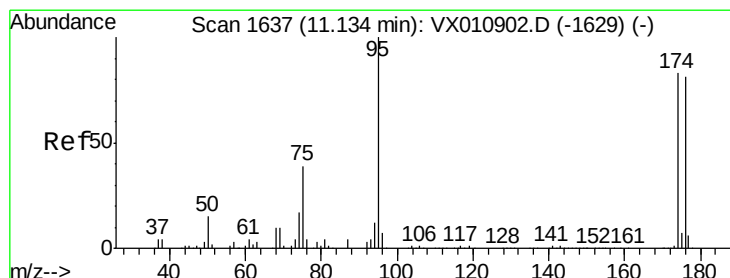
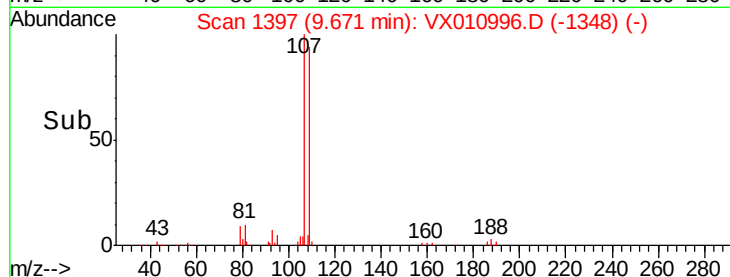
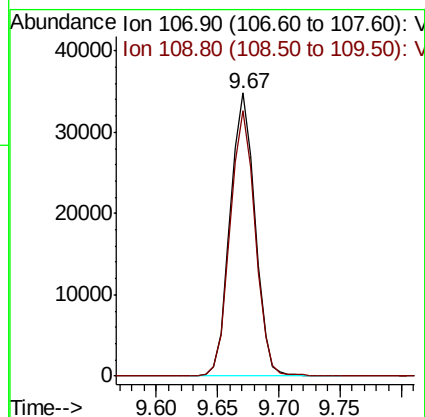
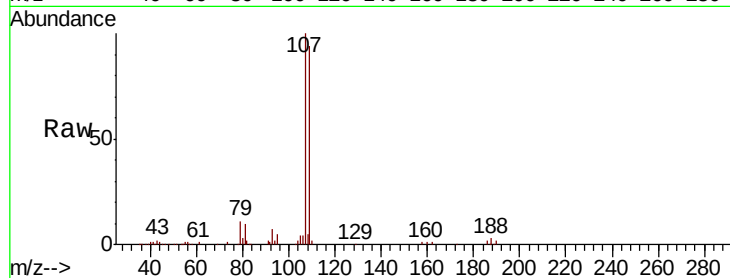
VX0720WBSD01

Tot Ion:107 Resp: 49017

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 49.954 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

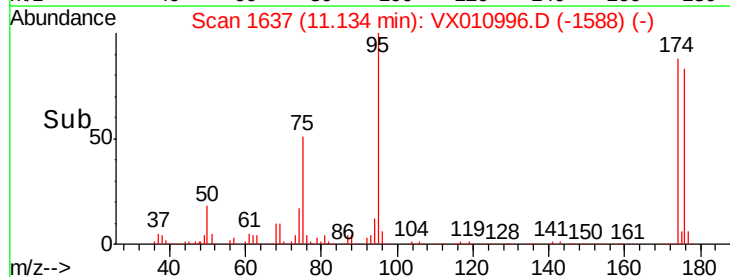
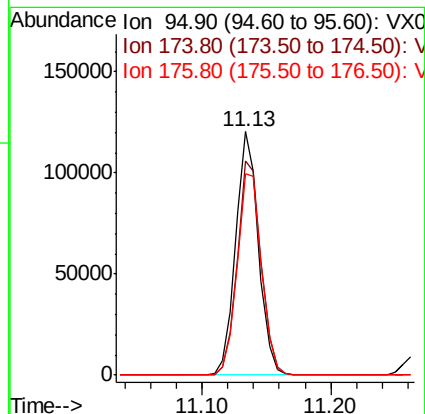
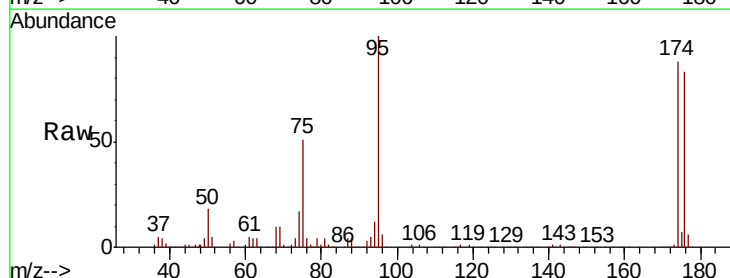
Tgt Ion: 95 Resp: 148906

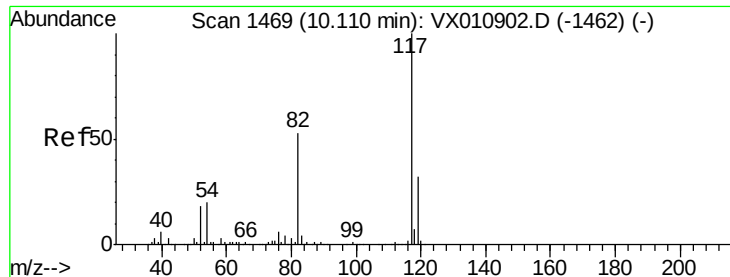
Ion Ratio Lower Upper

95 100

174 91.3 0.0 180.6

176 88.3 0.0 173.8

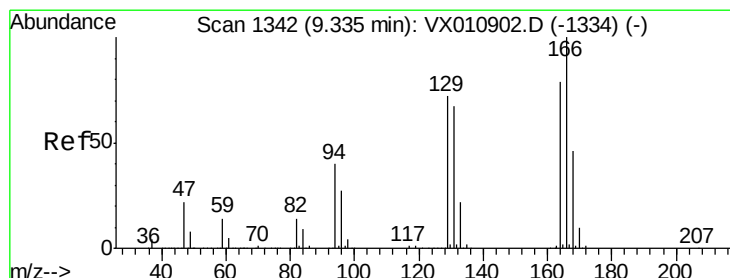
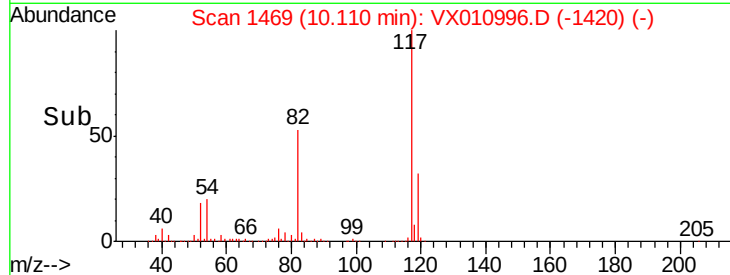
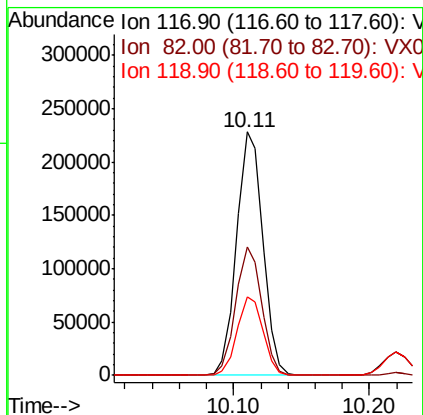
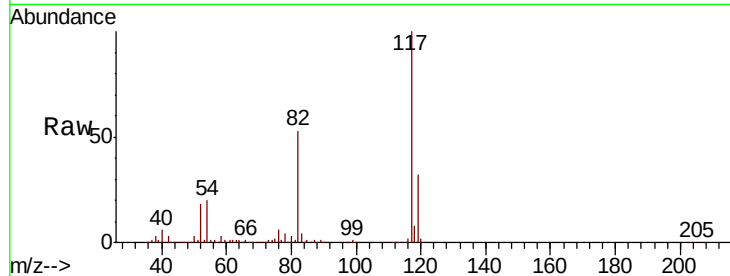




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

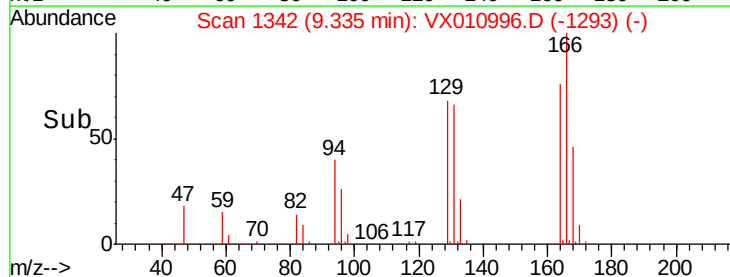
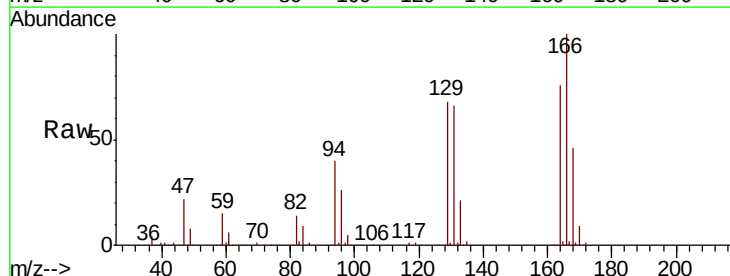
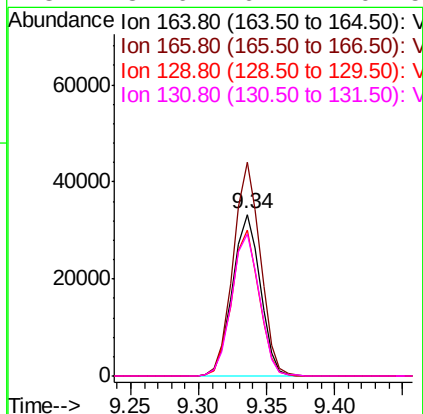
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

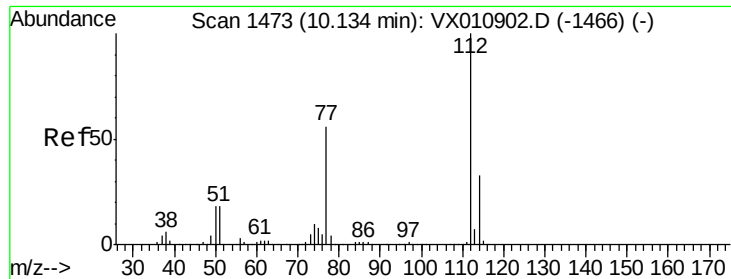
Tot Ion:117 Resp: 307464
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 19.624 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion:164 Resp: 47465
Ion Ratio Lower Upper
164 100
166 132.0 100.8 151.2
129 90.4 72.6 109.0
131 87.6 67.7 101.5

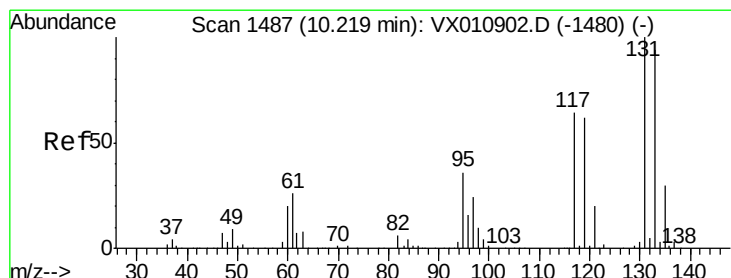
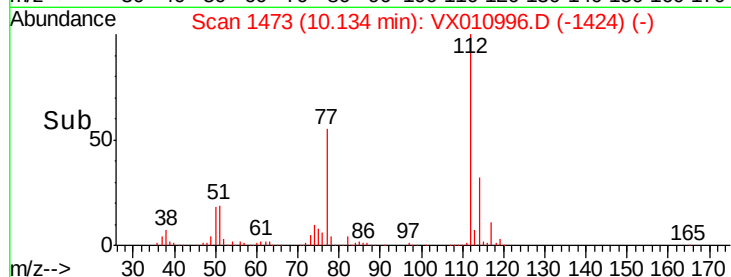
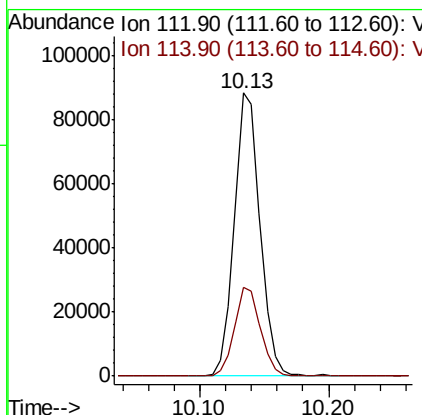
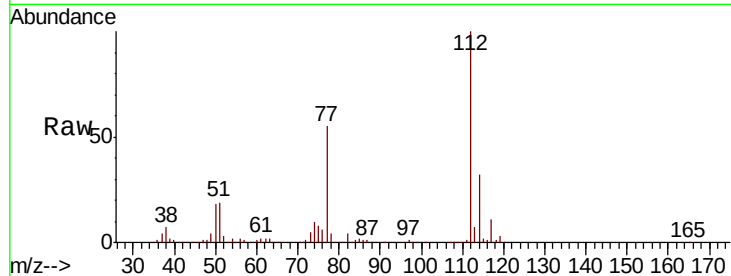




#65
Chlorobenzene
Concen: 19.512 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

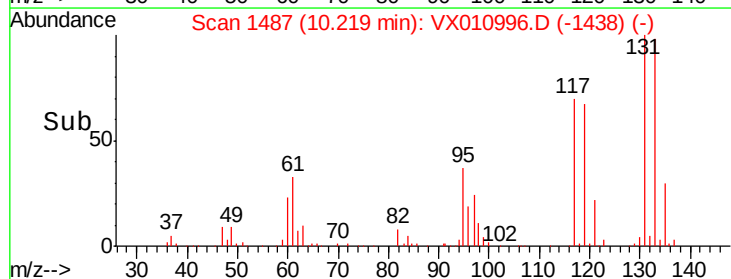
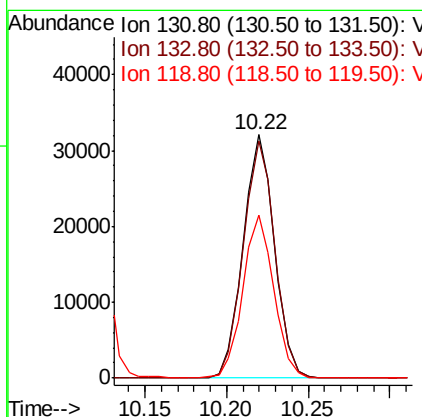
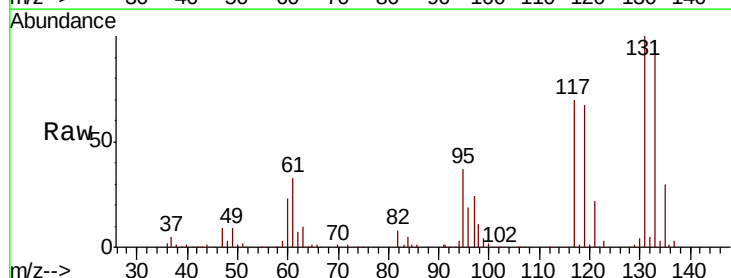
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

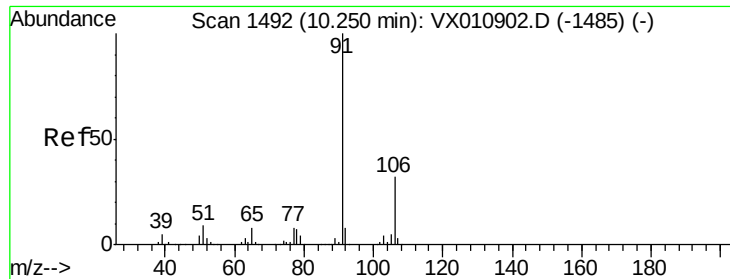
Tot Ion:112 Resp: 123220
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.373 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion:131 Resp: 42997
Ion Ratio Lower Upper
131 100
133 98.3 47.1 141.4
119 66.3 31.9 95.7

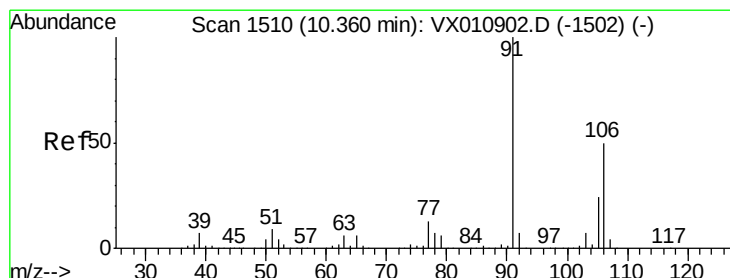
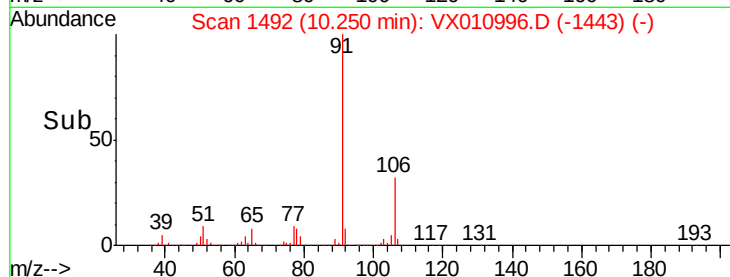
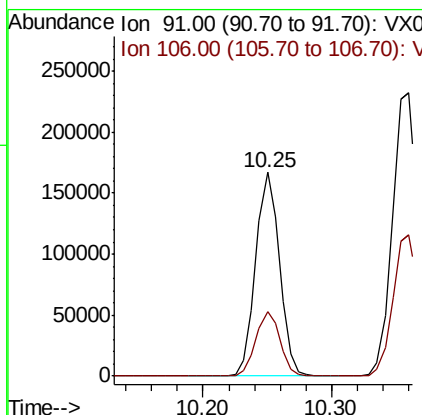
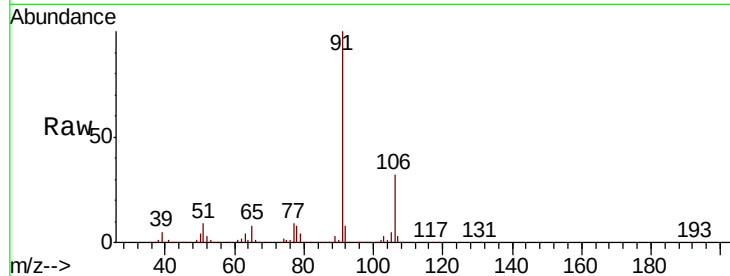




#67
Ethyl Benzene
Concen: 19.793 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

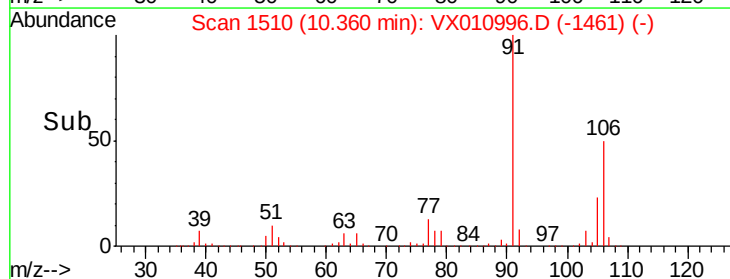
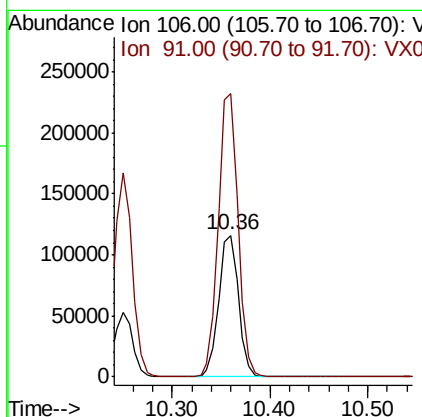
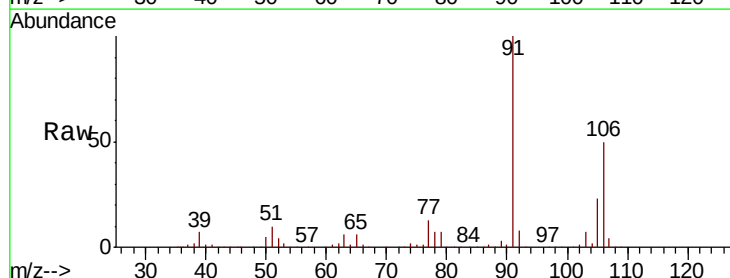
Instrument :
MSVOA_X
ClientSampled :
VX0720WBSD01

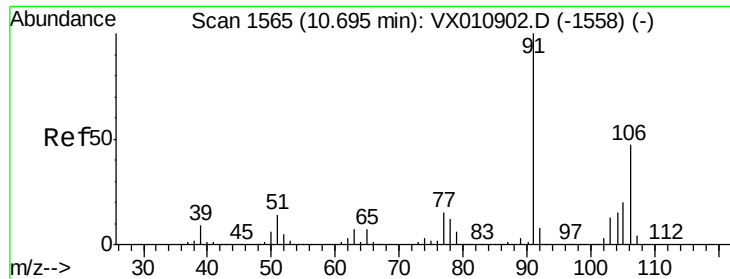
Tot Ion: 91 Resp: 212750
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 39.537 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 106 Resp: 163021
Ion Ratio Lower Upper
106 100
91 199.9 160.1 240.1

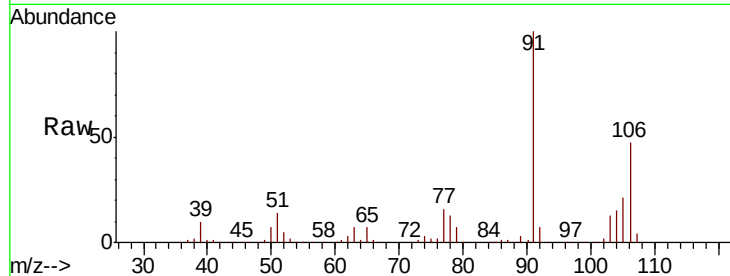




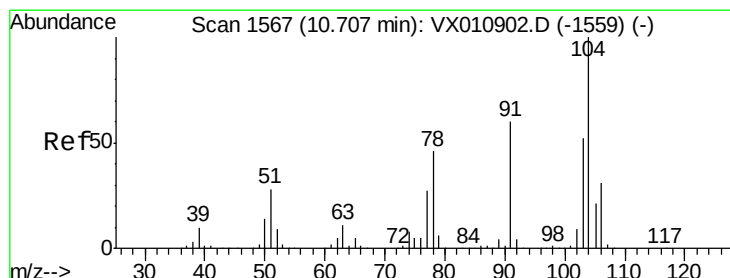
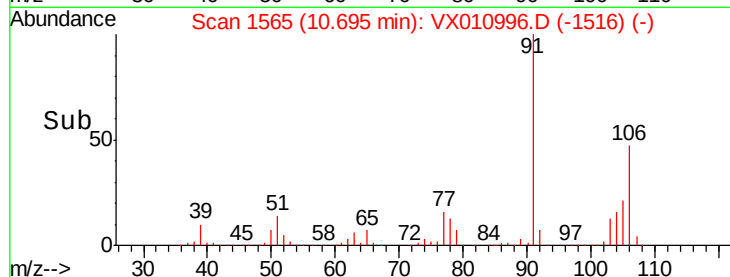
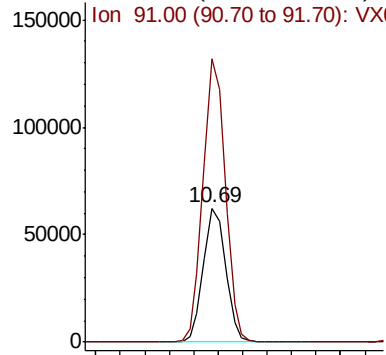
#69
o-Xylene
Concen: 19.722 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampled :
VX0720WBSD01

Tot Ion:106 Resp: 79364
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.3

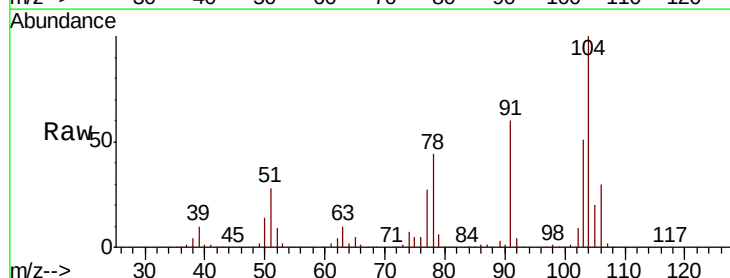


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

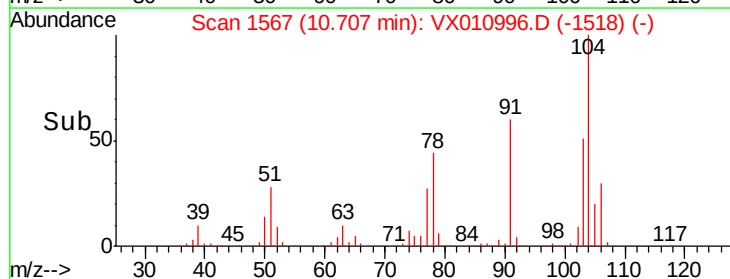
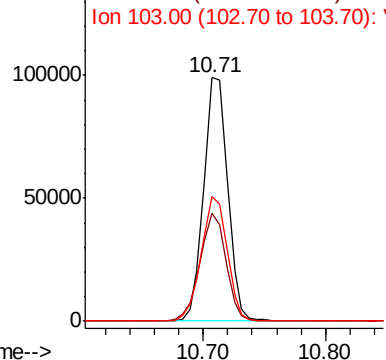


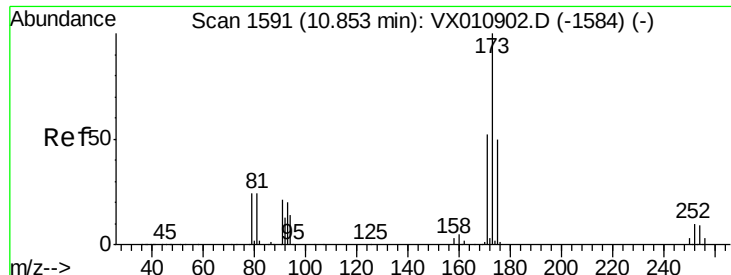
#70
Styrene
Concen: 19.996 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion:104 Resp: 134135
Ion Ratio Lower Upper
104 100
78 48.2 38.8 58.2
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 18.215 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

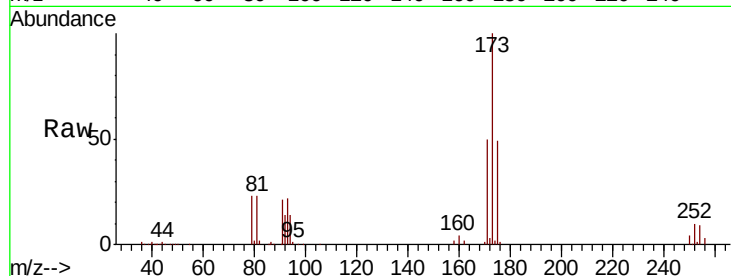
Tot Ion:173 Resp: 33359

Ion Ratio Lower Upper

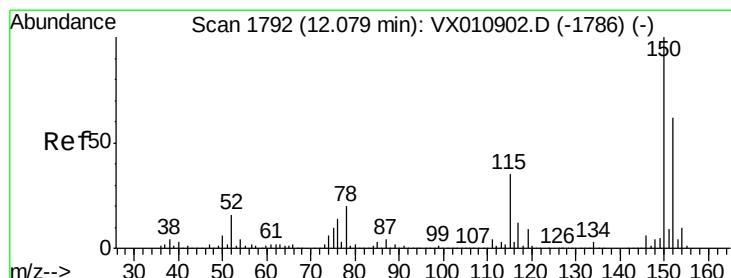
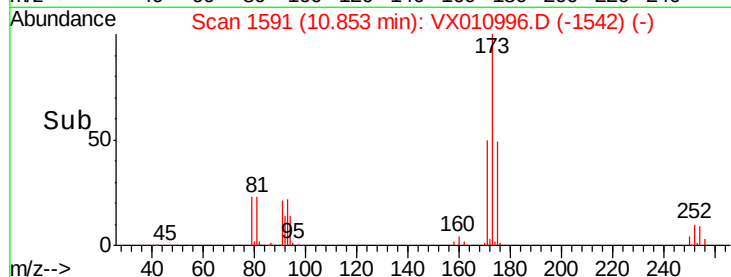
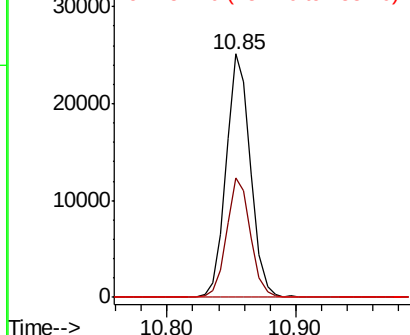
173 100

175 48.2 24.6 73.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

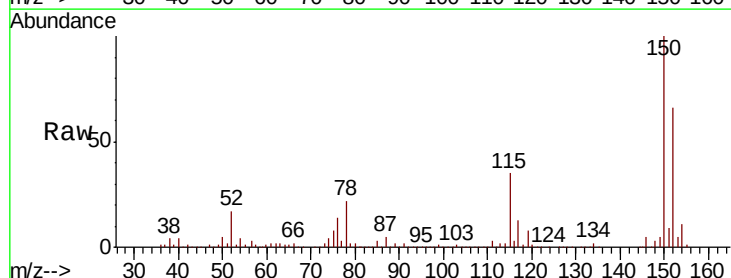
Tgt Ion:152 Resp: 158851

Ion Ratio Lower Upper

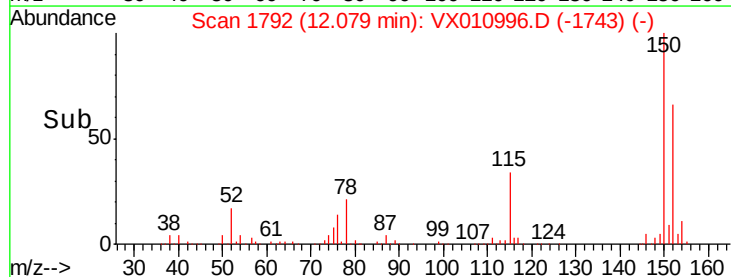
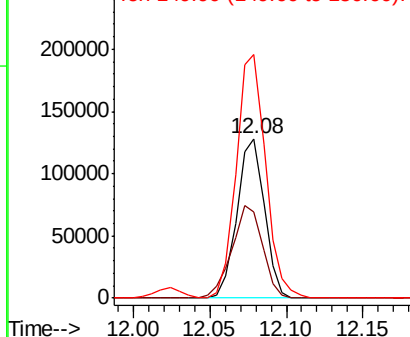
152 100

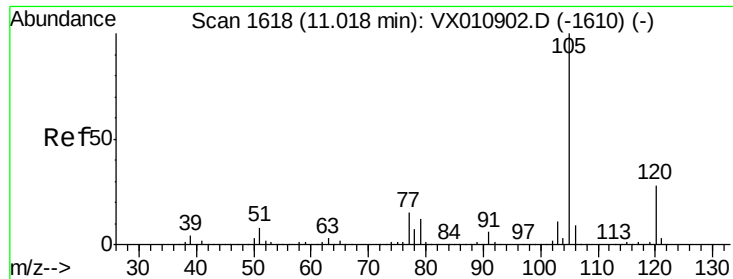
115 65.0 39.7 119.1

150 163.3 0.0 345.6



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





#73

Isopropylbenzene

Concen: 19.993 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

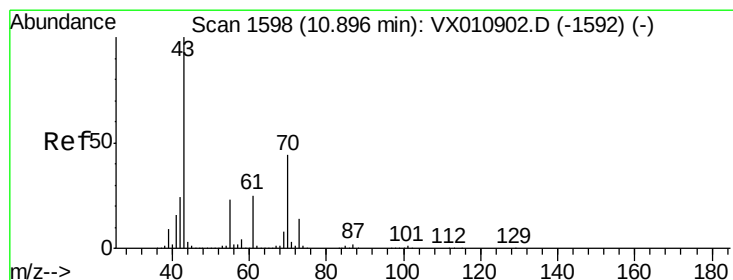
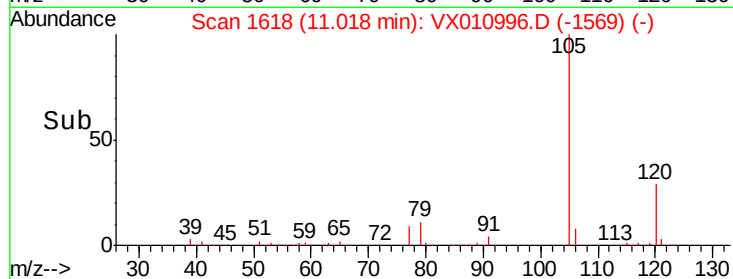
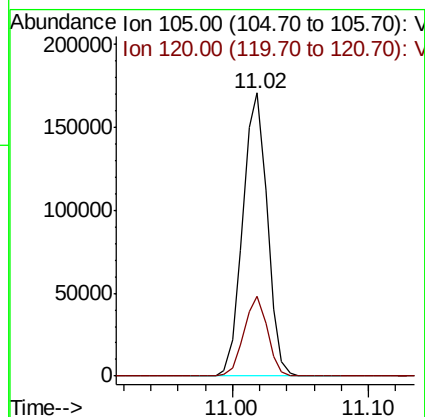
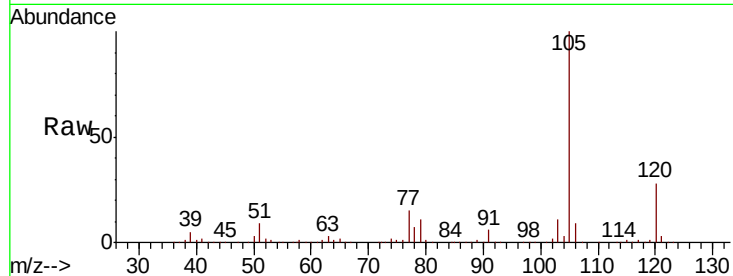
VX0720WBSD01

Tot Ion:105 Resp: 214595

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



#74

N-ethyl acetate

Concen: 19.732 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion: 43 Resp: 80924

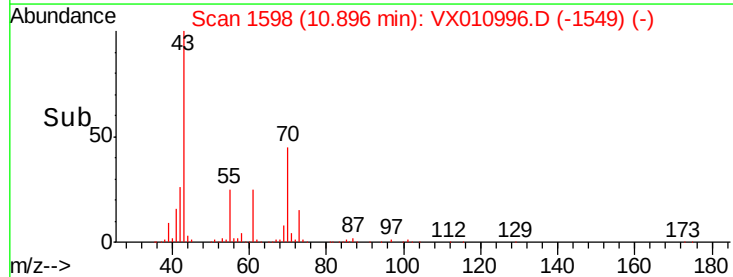
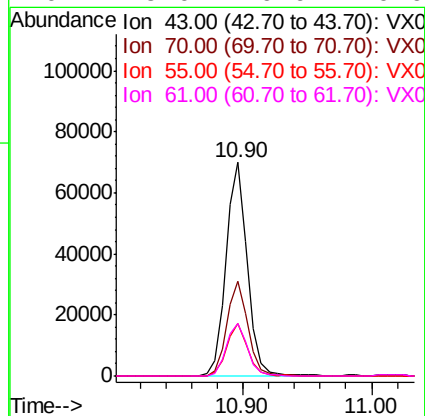
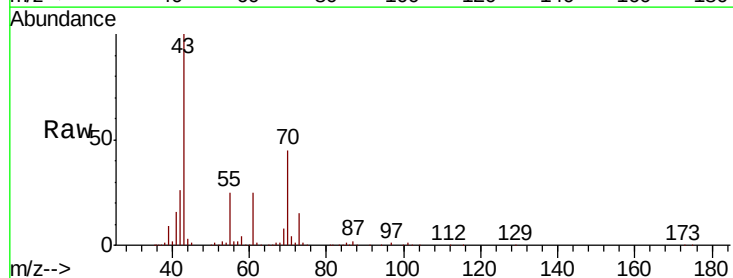
Ion Ratio Lower Upper

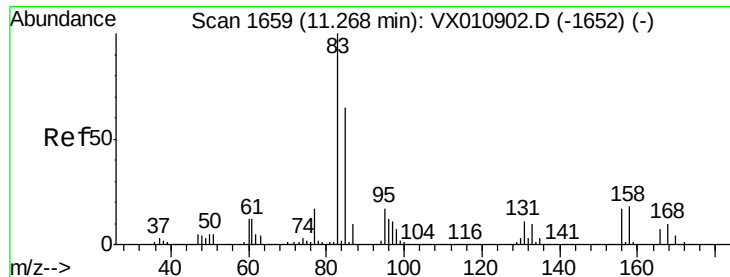
43 100

70 44.4 34.7 52.1

55 24.6 19.1 28.7

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.982 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

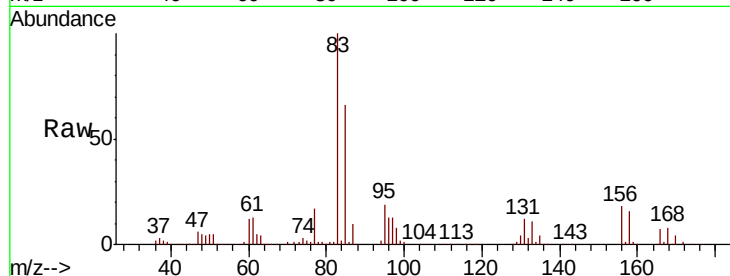
Tot Ion: 83 Resp: 70188

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

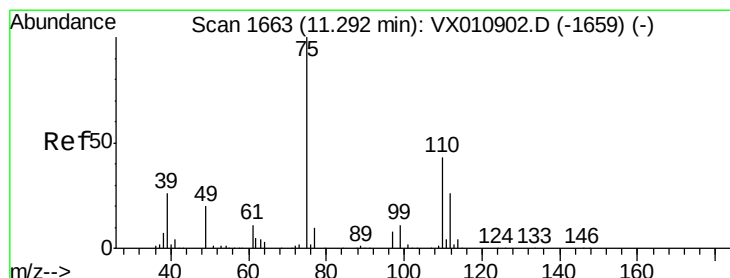
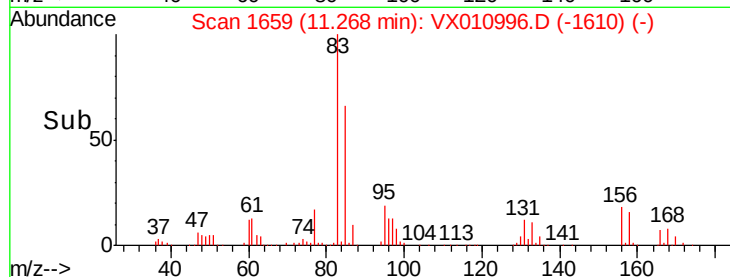
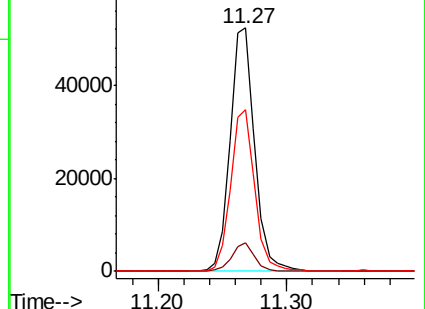
85 65.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.793 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010996.D

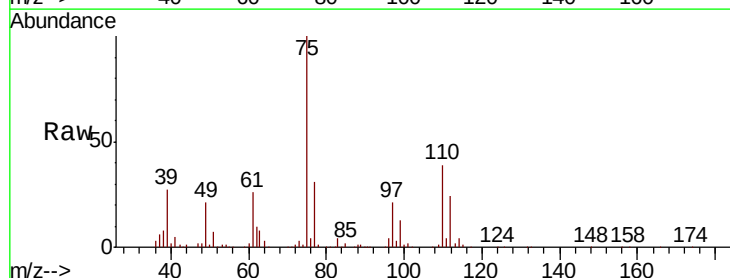
Acq: 19 Jul 2019 12:44

Tgt Ion: 75 Resp: 73938

Ion Ratio Lower Upper

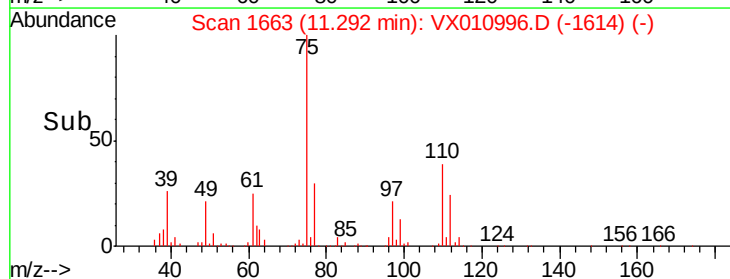
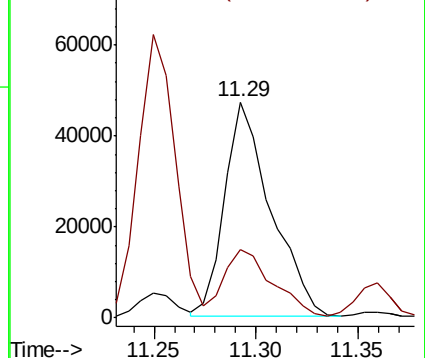
75 100

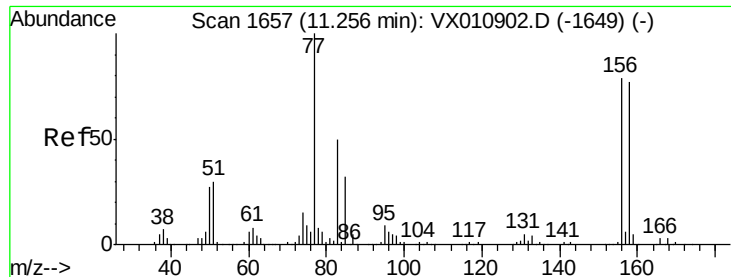
77 33.9 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.323 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

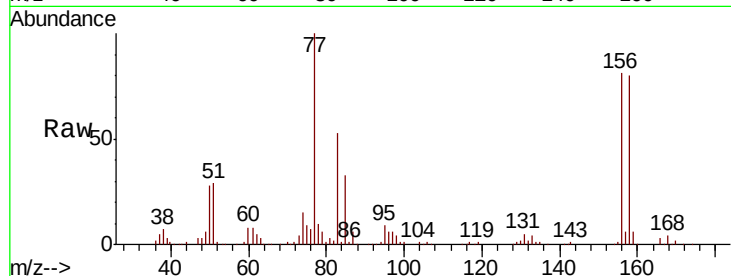
Tot Ion:156 Resp: 57209

Ion Ratio Lower Upper

156 100

77 137.9 68.7 206.1

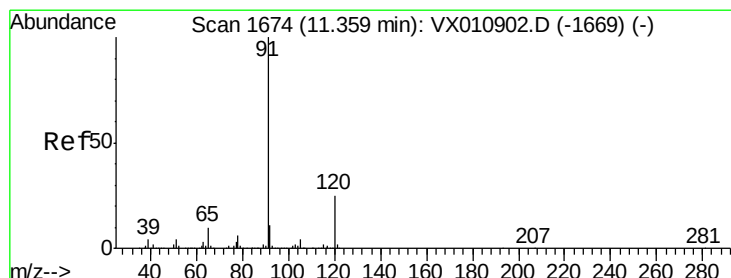
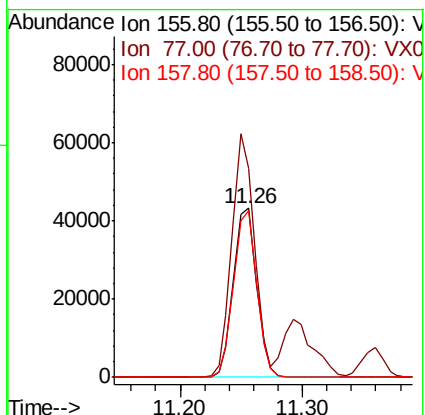
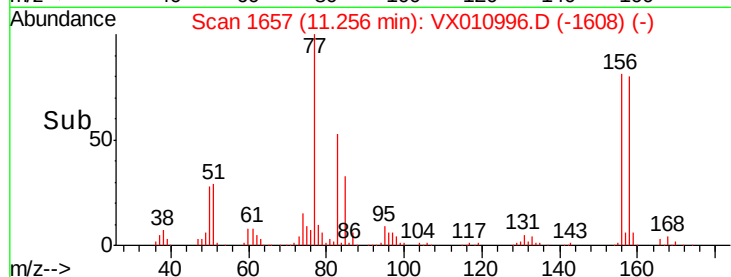
158 97.5 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.090 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010996.D

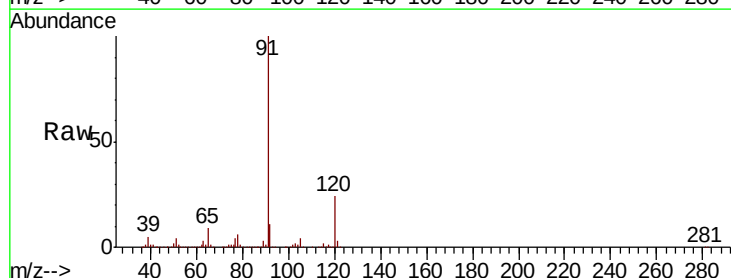
Acq: 19 Jul 2019 12:44

Tgt Ion: 91 Resp: 238266

Ion Ratio Lower Upper

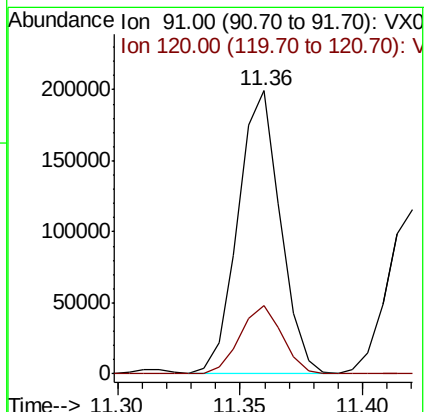
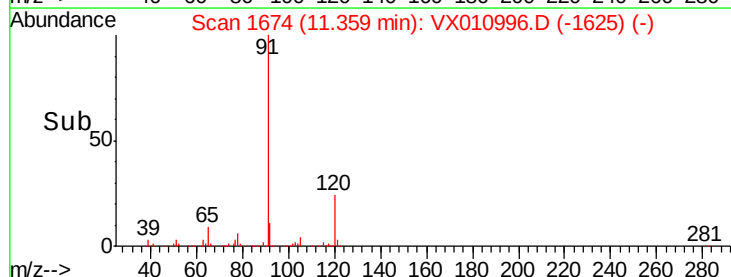
91 100

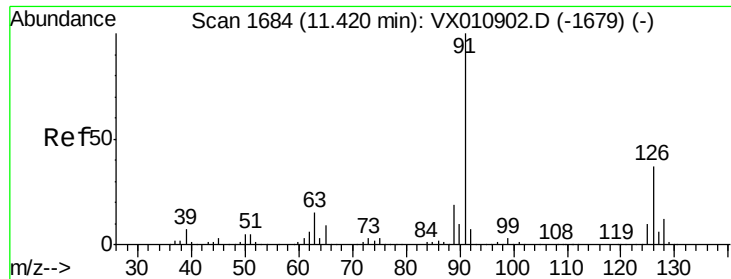
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

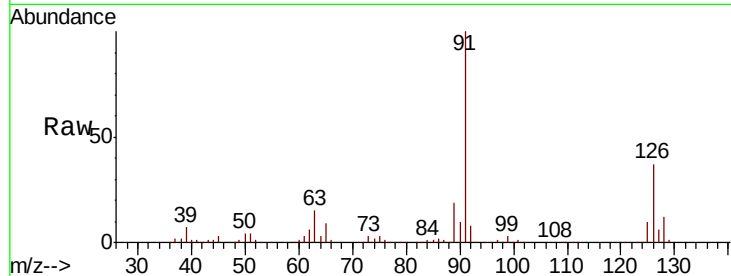




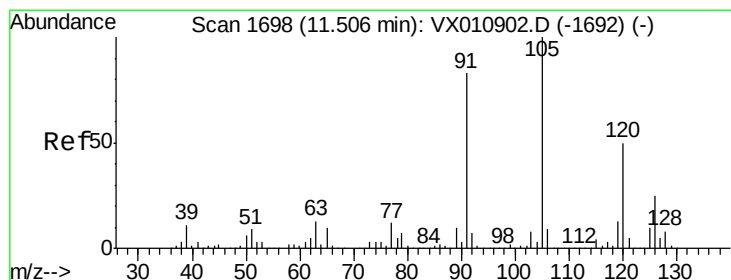
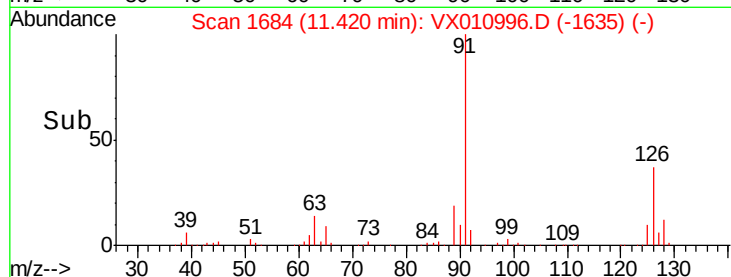
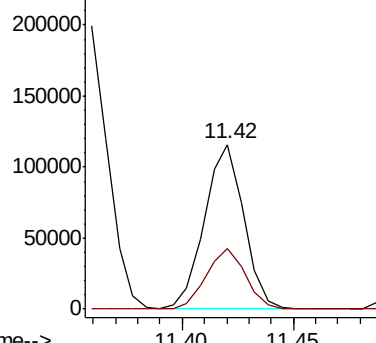
#79
2-Chlorotoluene
Concen: 19.967 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion: 91 Resp: 142249
Ion Ratio Lower Upper
91 100
126 36.6 18.0 54.0

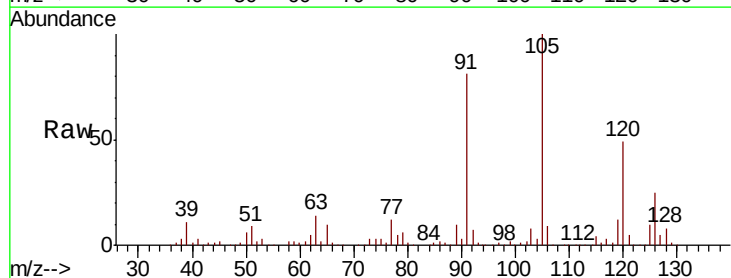


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

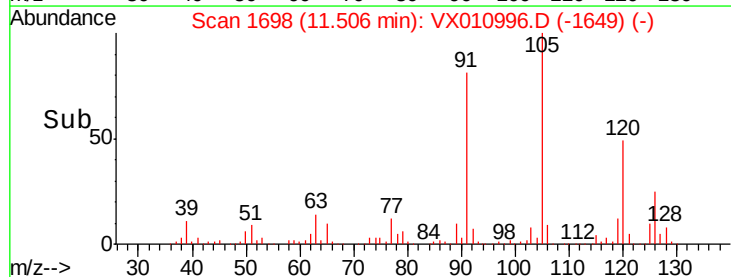
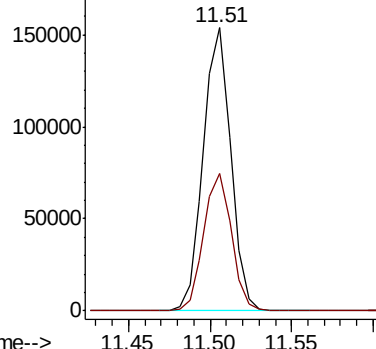


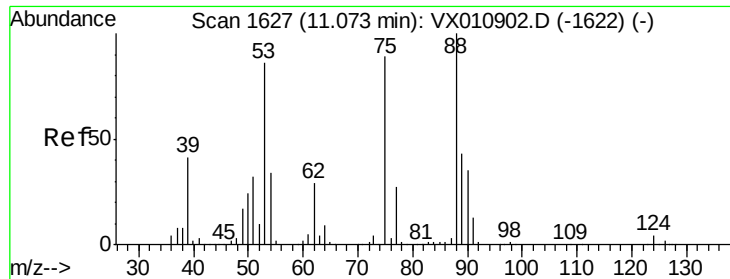
#80
1,3,5-Trimethylbenzene
Concen: 20.107 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion:105 Resp: 180335
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.752 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

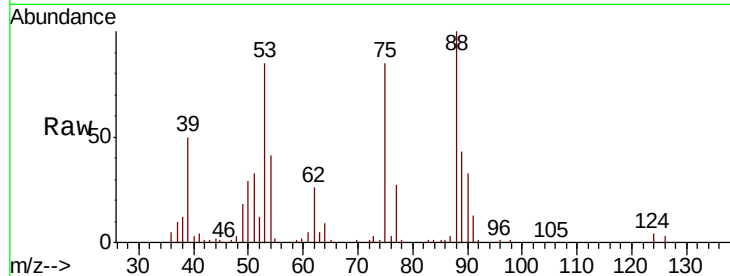
Tot Ion: 75 Resp: 18159

Ion Ratio Lower Upper

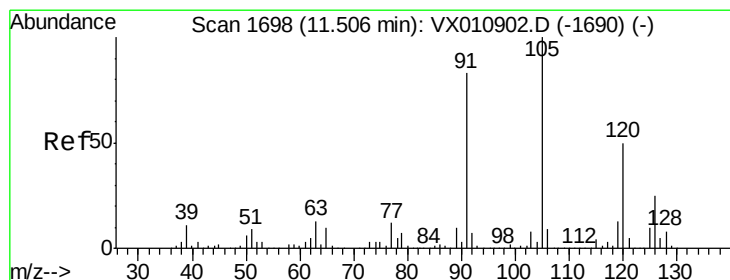
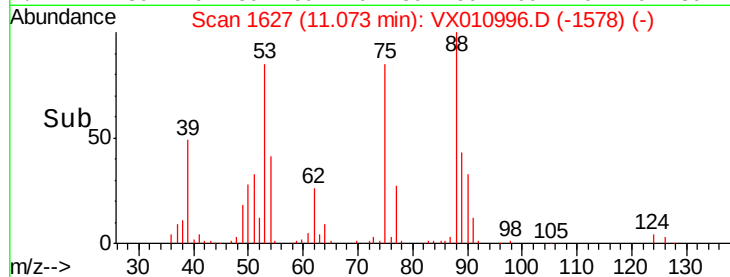
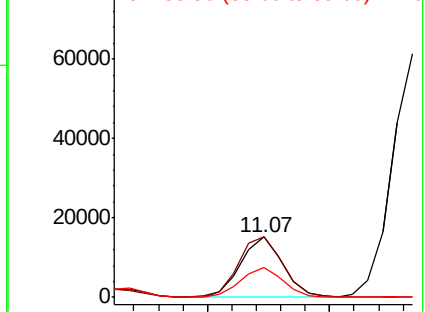
75 100

53 107.1 76.7 115.1

89 49.8 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.823 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010996.D

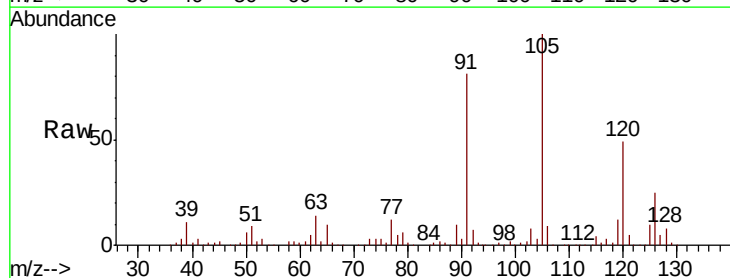
Acq: 19 Jul 2019 12:44

Tgt Ion: 91 Resp: 164369

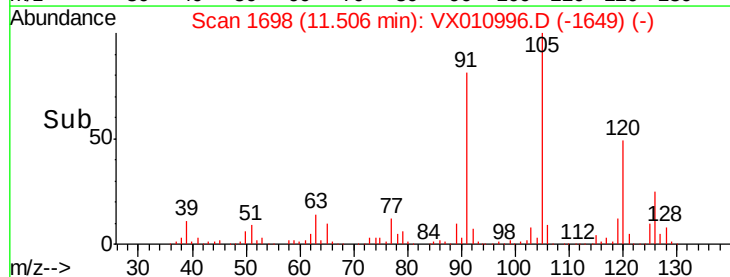
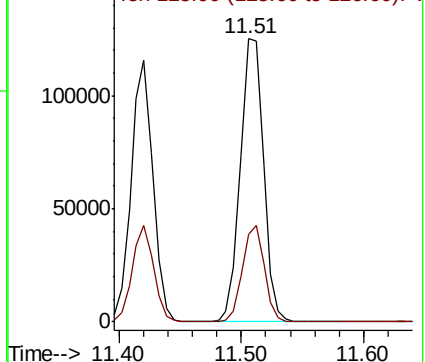
Ion Ratio Lower Upper

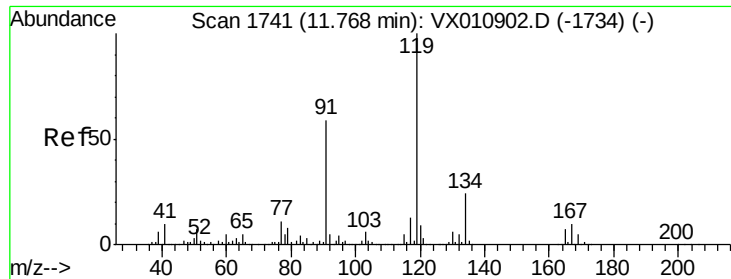
91 100

126 32.1 15.9 47.7



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





#83

tert-Butylbenzene

Concen: 20.203 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

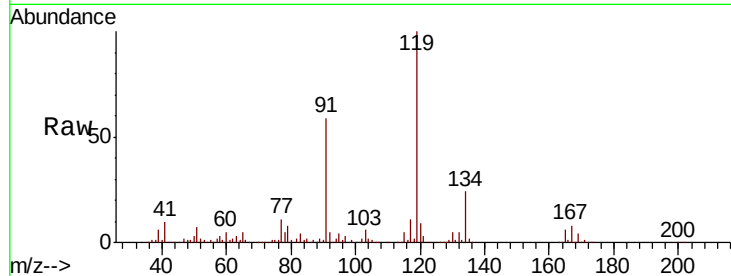
Tot Ion:119 Resp: 177987

Ion Ratio Lower Upper

119 100

91 57.7 28.6 85.8

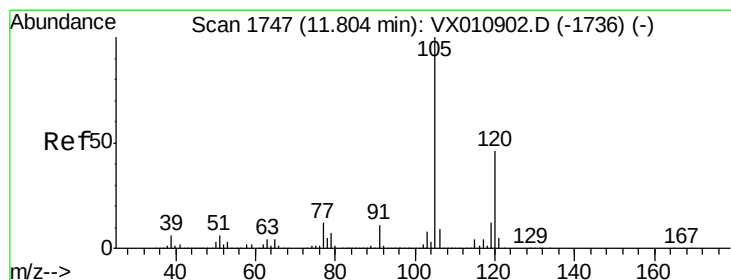
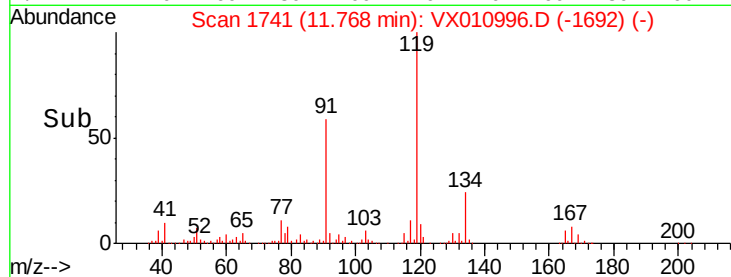
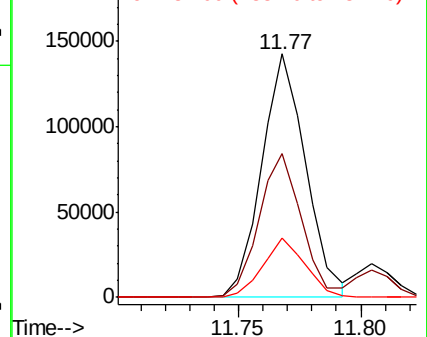
134 23.5 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.056 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010996.D

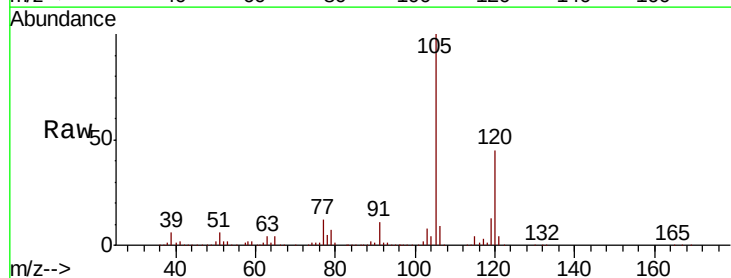
Acq: 19 Jul 2019 12:44

Tgt Ion:105 Resp: 181298

Ion Ratio Lower Upper

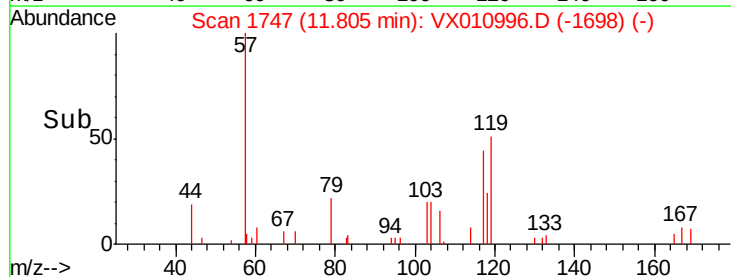
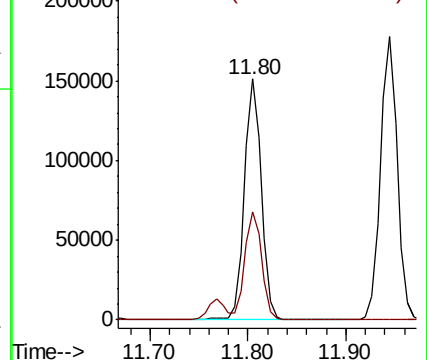
105 100

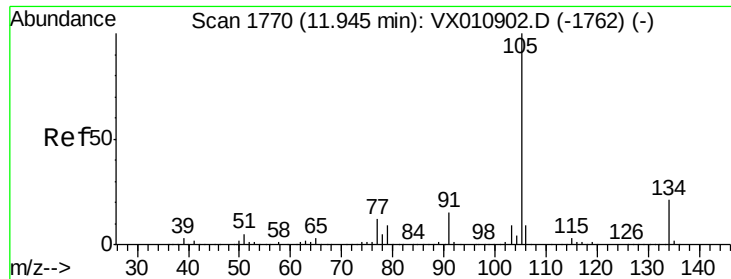
120 45.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.436 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

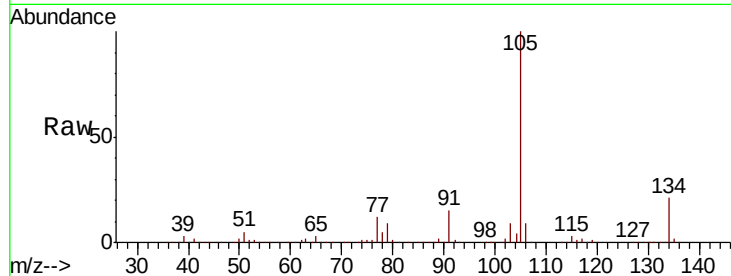
VX0720WBSD01

Tot Ion:105 Resp: 210957

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

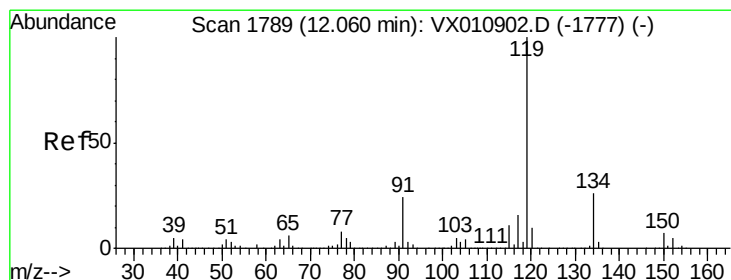
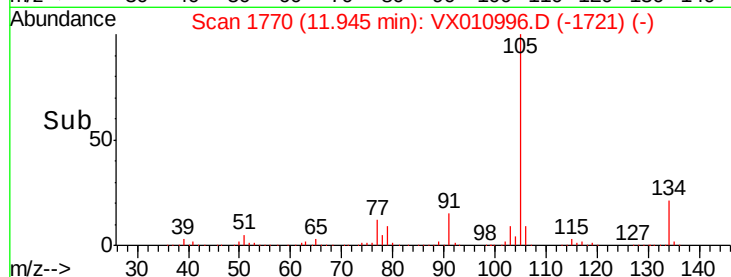
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.237 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

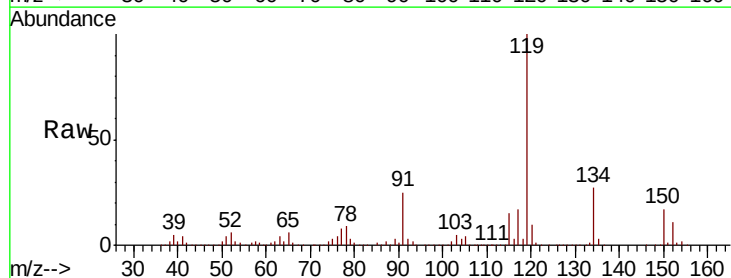
Tgt Ion:119 Resp: 193128

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 24.0 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

200000

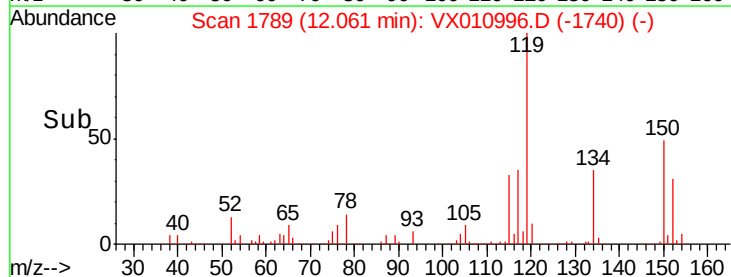
150000

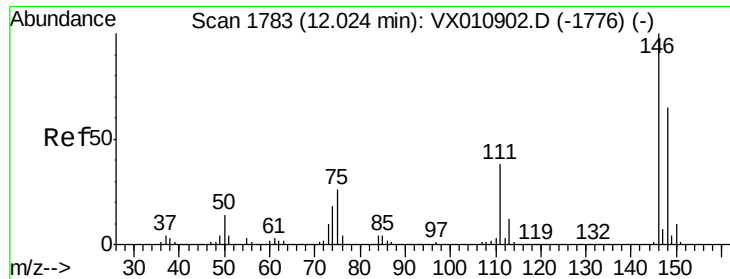
100000

50000

0

Time--> 12.00 12.10

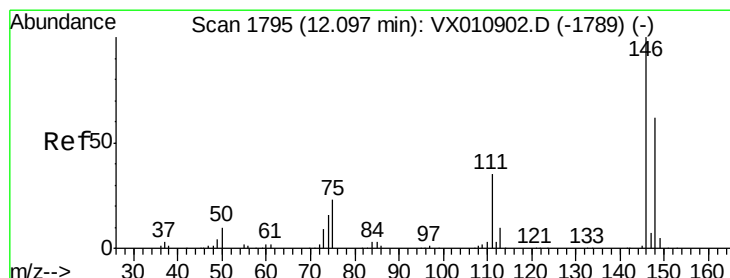
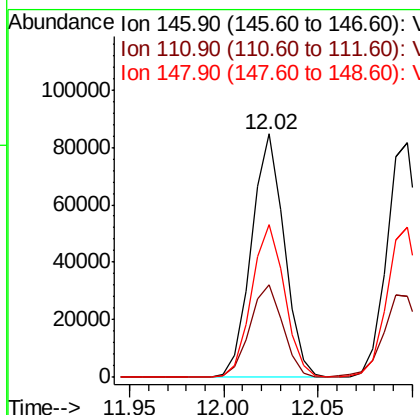
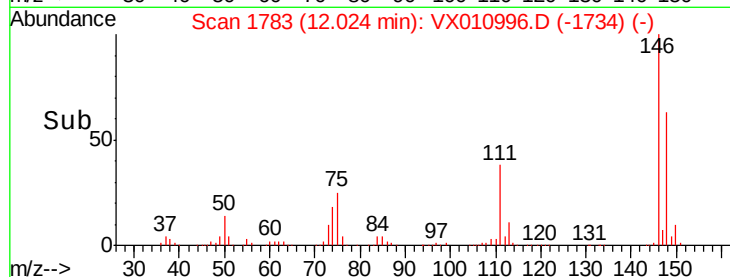
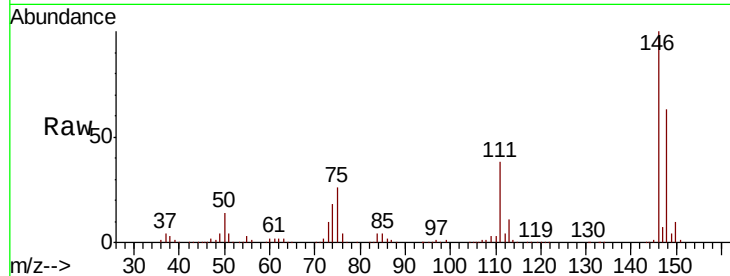




#87
 1,3-Dichlorobenzene
 Concen: 19.924 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

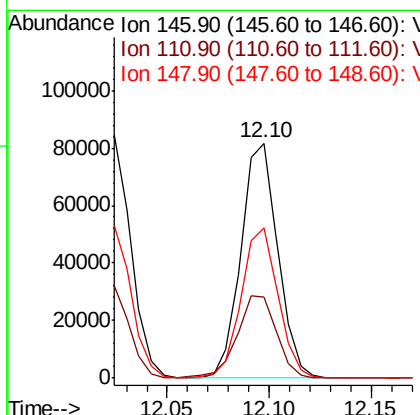
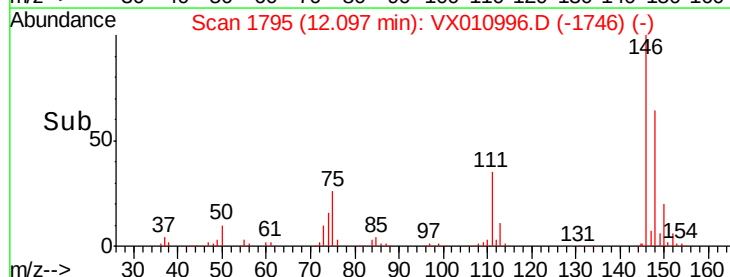
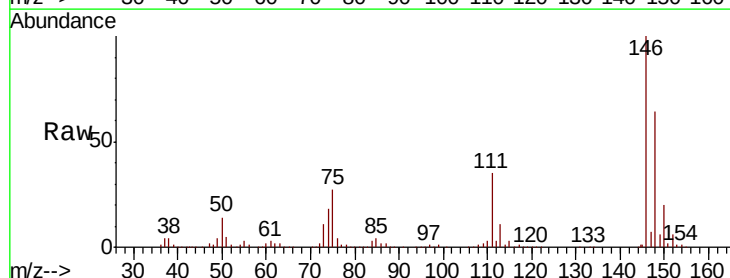
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

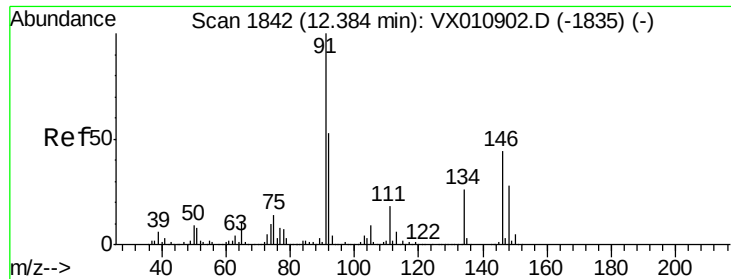
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	62.9	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.439 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	64.1	31.6	94.7





#89

n-Butylbenzene

Concen: 19.973 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

VX0720WBSD01

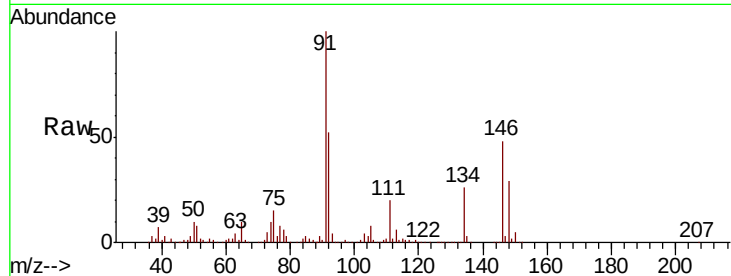
Tot Ion: 91 Resp: 163075

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

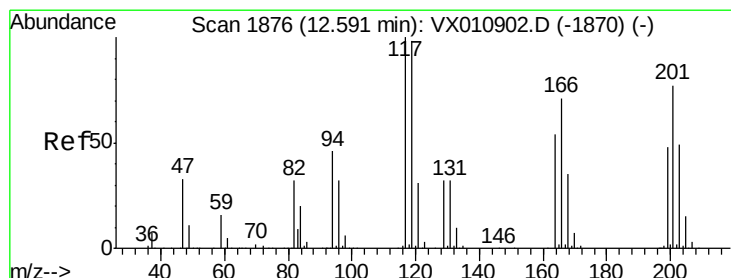
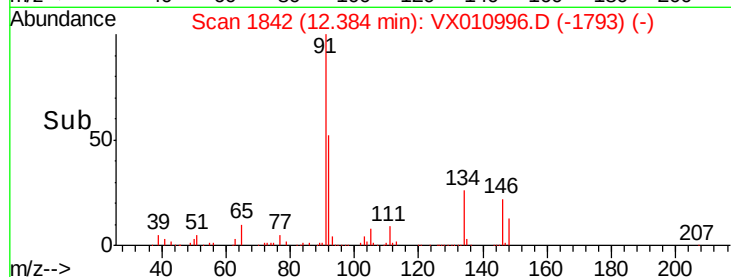
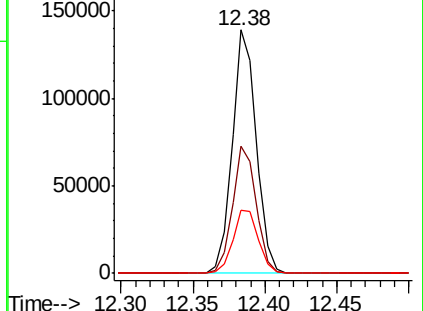
134 27.2 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.669 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010996.D

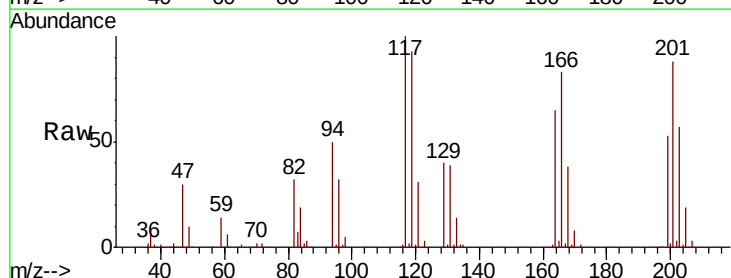
Acq: 19 Jul 2019 12:44

Tgt Ion: 117 Resp: 28101

Ion Ratio Lower Upper

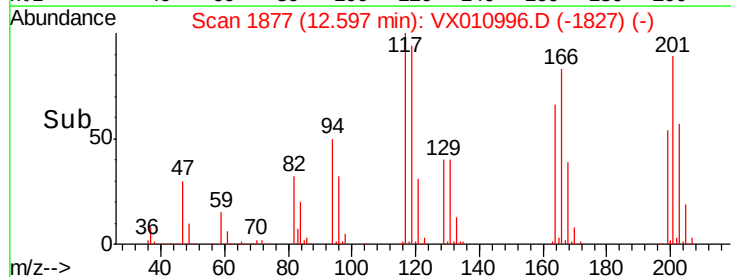
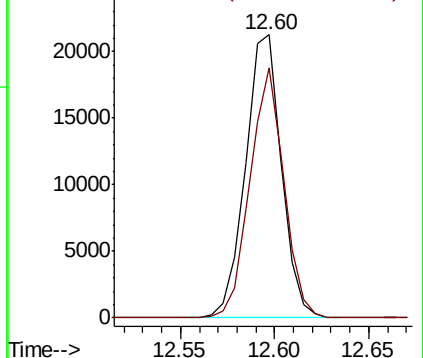
117 100

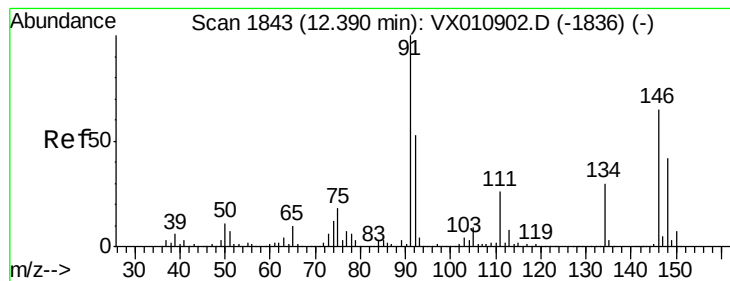
201 83.3 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.948 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

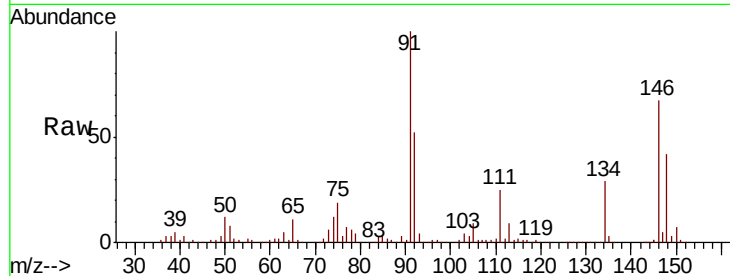
Tot Ion:146 Resp: 101578

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

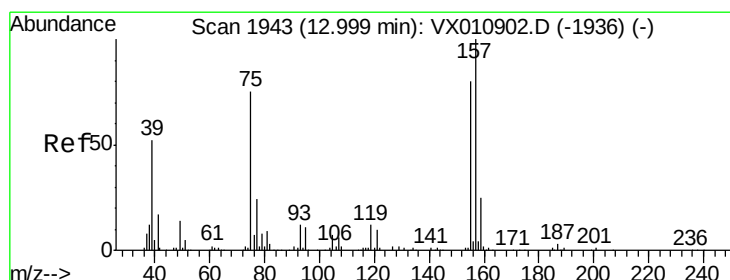
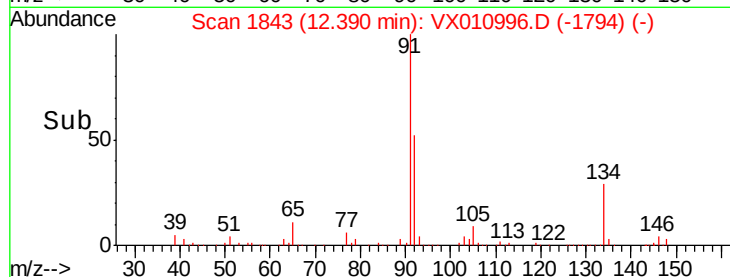
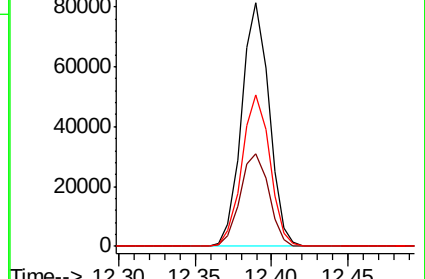
148 63.7 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.945 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

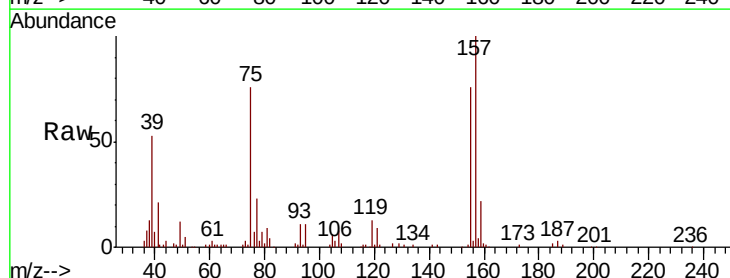
Tgt Ion: 75 Resp: 15379

Ion Ratio Lower Upper

75 100

155 92.0 48.7 146.1

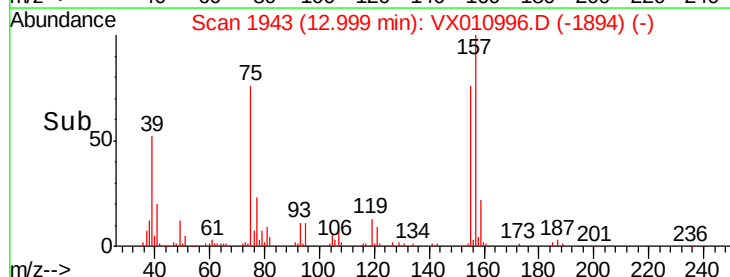
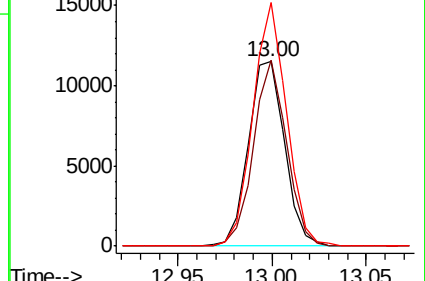
157 121.7 62.5 187.6

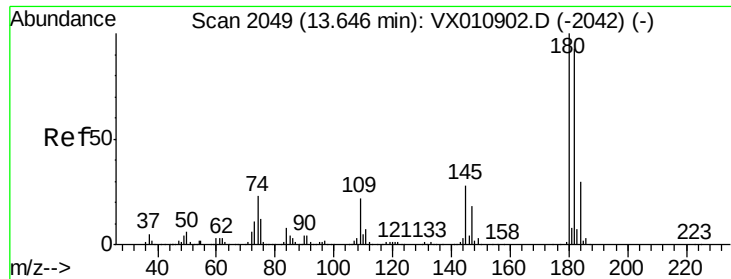


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

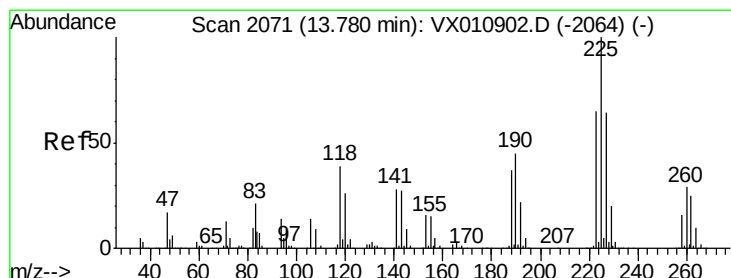
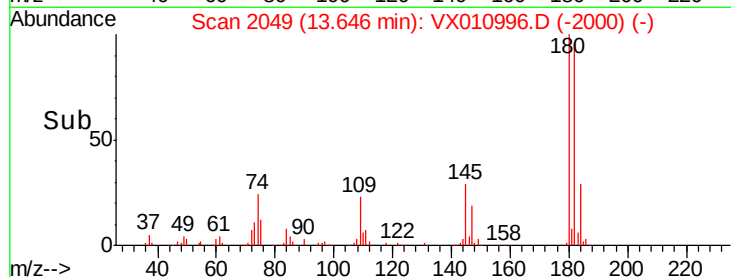
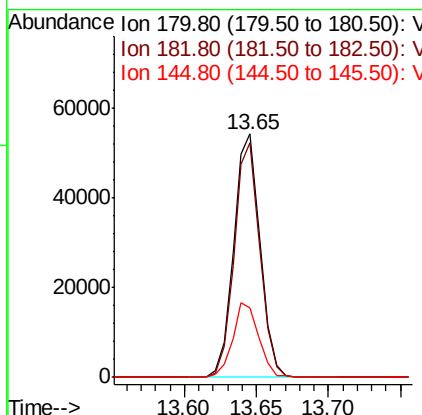
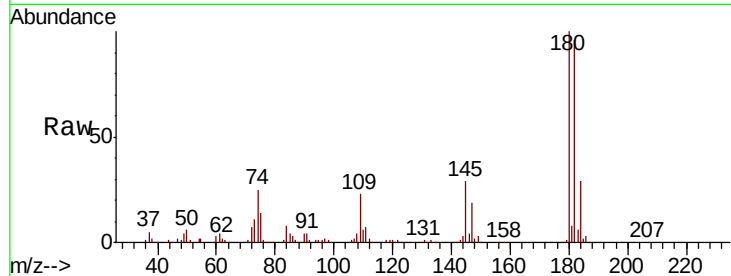




#93
 1,2,4-Trichlorobenzene
 Concen: 20.078 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

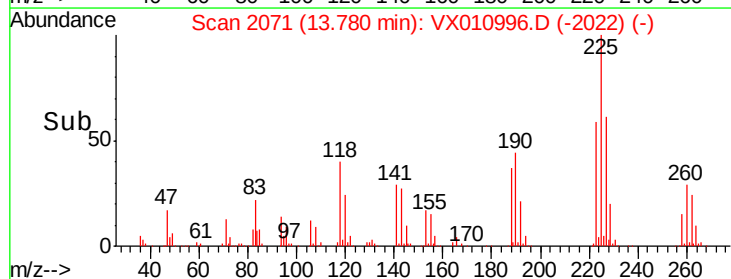
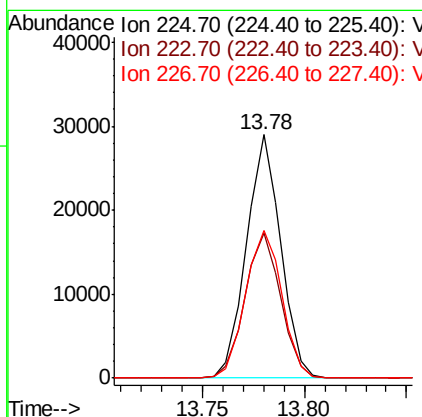
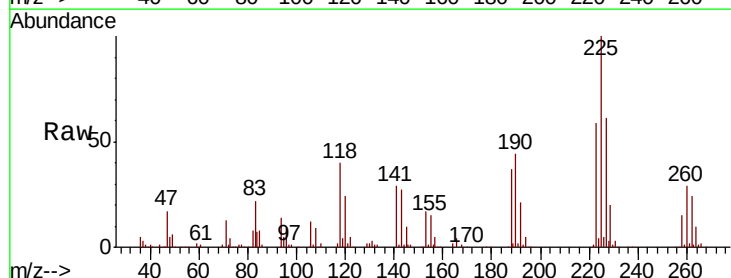
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

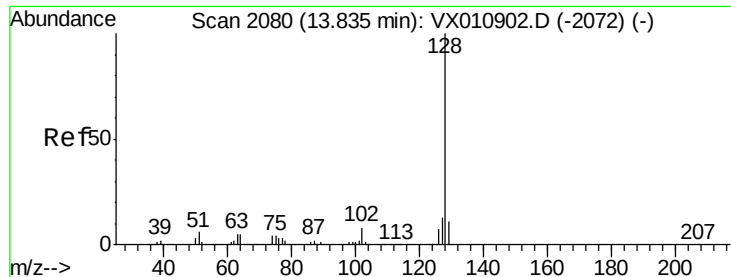
Tot Ion:180 Resp: 69289
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.3
 145 30.3 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 19.819 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion:225 Resp: 33893
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.9
 227 64.4 32.5 97.4

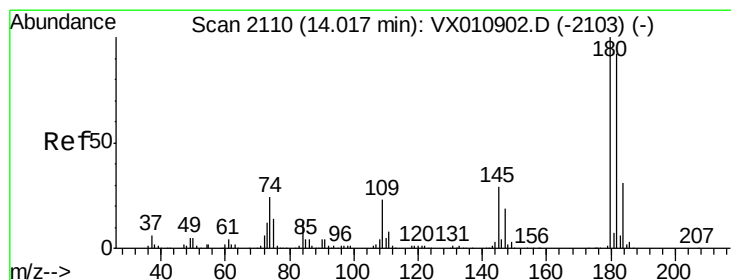
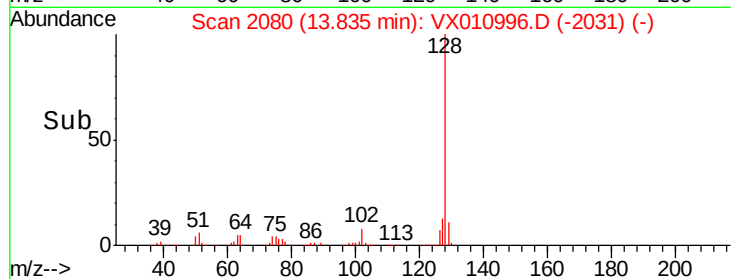
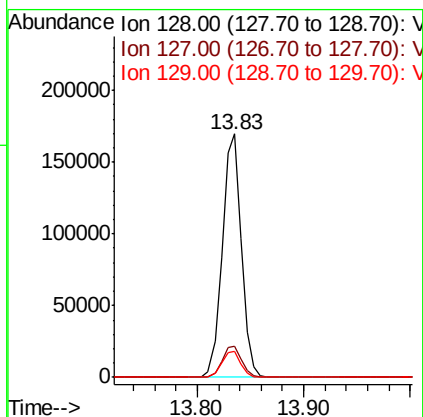
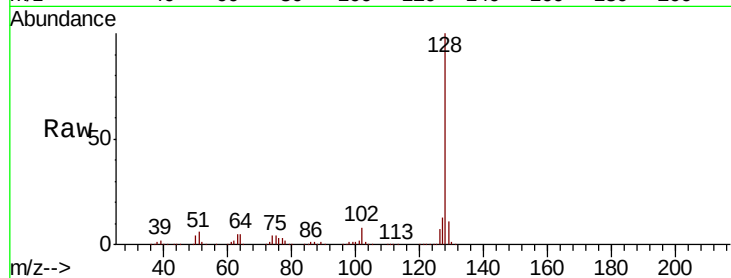




#95
Naphthalene
Concen: 20.756 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion:128 Resp: 211513
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.272 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion:180 Resp: 69610
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.3
145 31.3 15.1 45.3

