

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061419\
 Data File : VX010294.D
 Acq On : 14 Jun 2019 12:46
 Operator : JC/SP
 Sample : VX0614MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Quant Time: Jun 14 13:05:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	424082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193818	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128288	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.50	113	126987	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	474679	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.13	95	170261	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	41879	16.137 ug/l	99
3) Chloromethane	1.33	50	40264	15.623 ug/l	100
4) Vinyl Chloride	1.41	62	44170	18.235 ug/l	100
5) Bromomethane	1.64	94	22983	25.144 ug/l	96
6) Chloroethane	1.72	64	26044	21.325 ug/l	99
7) Trichlorofluoromethane	1.93	101	67512	18.763 ug/l	97
8) Diethyl Ether	2.19	74	24083	19.419 ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39020	15.732 ug/l	91
10) Methyl Iodide	2.51	142	53148	13.830 ug/l	98
11) Tert butyl alcohol	3.04	59	65116	96.552 ug/l	98
12) 1,1-Dichloroethene	2.37	96	40356	15.930 ug/l #	78
13) Acrolein	2.29	56	8018	65.201 ug/l	94
14) Allyl chloride	2.73	41	57853	15.129 ug/l #	86
15) Acrylonitrile	3.14	53	115121	83.512 ug/l	99
16) Acetone	2.44	43	110029	84.974 ug/l	90
17) Carbon Disulfide	2.57	76	96766	13.220 ug/l	97
18) Methyl Acetate	2.78	43	50124	17.602 ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	129371	15.896 ug/l	92
20) Methylene Chloride	2.86	84	45704	16.072 ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	42051	14.999 ug/l #	76
22) Diisopropyl ether	3.85	45	122001	16.687 ug/l #	94
23) Vinyl Acetate	3.82	43	528653	81.052 ug/l #	88
24) 1,1-Dichloroethane	3.70	63	69981	15.765 ug/l	95
25) 2-Butanone	4.67	43	164504	85.316 ug/l #	81
26) 2,2-Dichloropropane	4.59	77	60152	14.853 ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	50628	16.233 ug/l	76
28) Bromochloromethane	5.01	49	31793	15.981 ug/l #	22
29) Tetrahydrofuran	5.13	42	100348	82.812 ug/l #	74
30) Chloroform	5.21	83	75131	16.297 ug/l	96
31) Cyclohexane	5.58	56	61262	15.291 ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	65762	15.173 ug/l	93
36) 1,1-Dichloropropene	5.80	75	51708	14.945 ug/l	90
37) Ethyl Acetate	4.83	43	58952	16.376 ug/l #	90
38) Carbon Tetrachloride	5.79	117	58259	14.877 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69879	14.832	ug/l #	82
40) Benzene	6.14	78	175141	16.370	ug/l	97
41) Methacrylonitrile	5.04	41	30871	15.853	ug/l #	80
42) 1,2-Dichloroethane	6.19	62	54879	16.068	ug/l	93
43) Isopropyl Acetate	6.45	43	97208	16.150	ug/l #	90
44) Trichloroethene	7.21	130	52011	16.128	ug/l	85
45) 1,2-Dichloropropane	7.51	63	44841	16.746	ug/l	98
46) Dibromomethane	7.66	93	30673	15.290	ug/l	89
47) Bromodichloromethane	7.90	83	57757	15.407	ug/l #	97
48) Methyl methacrylate	7.77	41	44705	15.882	ug/l #	77
49) 1,4-Dioxane	7.74	88	26063	324.747	ug/l #	83
51) 4-Methyl-2-Pentanone	8.64	43	314081	87.348	ug/l	90
52) Toluene	8.78	92	112719	16.028	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64101	14.784	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69417	14.934	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	48563	16.861	ug/l	97
56) Ethyl methacrylate	9.18	69	72051	15.837	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	73878	16.293	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	202521	94.423	ug/l #	86
59) 2-Hexanone	9.49	43	248002	86.505	ug/l	89
60) Dibromochloromethane	9.58	129	52156	15.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50514	15.747	ug/l	99
64) Tetrachloroethene	9.34	164	49813	17.486	ug/l	98
65) Chlorobenzene	10.13	112	129901	16.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47810	15.705	ug/l	99
67) Ethyl Benzene	10.25	91	216339	16.053	ug/l	93
68) m/p-Xylenes	10.36	106	168252	32.263	ug/l	90
69) o-Xylene	10.69	106	83928	16.190	ug/l	89
70) Styrene	10.71	104	140738	16.030	ug/l	94
71) Bromoform	10.85	173	41021	14.657	ug/l #	99
73) Isopropylbenzene	11.02	105	216338	15.990	ug/l	96
74) N-amyl acetate	10.90	43	83482	15.609	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	76208	16.455	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	83124	21.442	ug/l	82
77) Bromobenzene	11.25	156	59869	16.091	ug/l	80
78) n-propylbenzene	11.36	91	238279	15.819	ug/l	95
79) 2-Chlorotoluene	11.42	91	141000	15.586	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	179681	15.767	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	24052	13.708	ug/l	88
82) 4-Chlorotoluene	11.51	91	160047	15.574	ug/l	89
83) tert-Butylbenzene	11.77	119	181699	15.753	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	184455	16.025	ug/l	96
85) sec-Butylbenzene	11.94	105	215196	16.014	ug/l	96
86) p-Isopropyltoluene	12.06	119	195981	15.954	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	104984	16.019	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	106733	16.156	ug/l	98
89) n-Butylbenzene	12.38	91	164782	15.583	ug/l	97
90) Hexachloroethane	12.59	117	33068	13.513	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	106574	16.727	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15240	13.984	ug/l	64

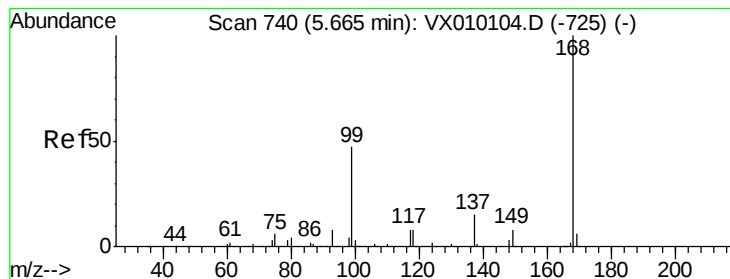
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72719	15.593	ug/l	99
94) Hexachlorobutadiene	13.78	225	35458	17.096	ug/l	99
95) Naphthalene	13.83	128	236015	16.076	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	74808	16.223	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

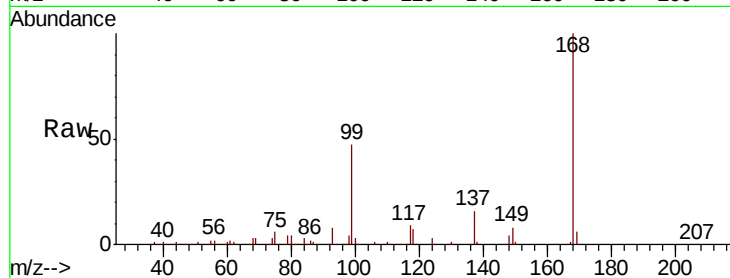
VX0614MBS01

Tgt Ion:168 Resp: 282039

Ion Ratio Lower Upper

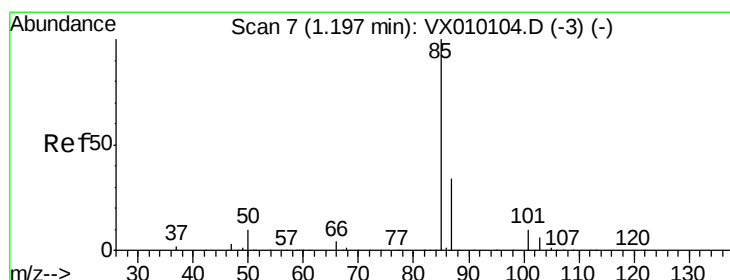
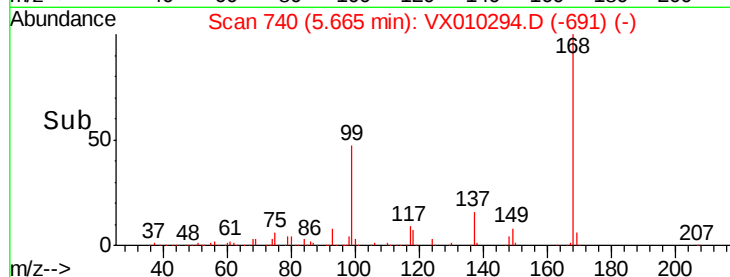
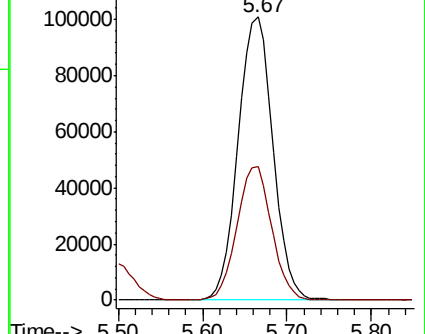
168 100

99 47.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.137 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010294.D

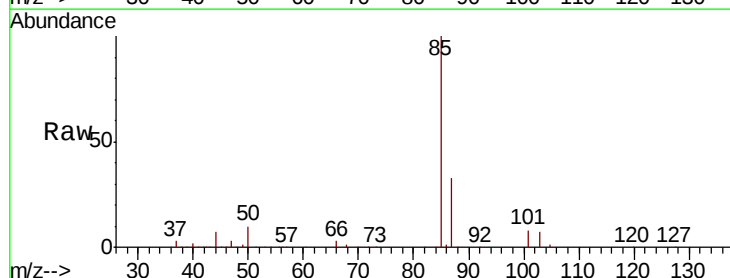
Acq: 14 Jun 2019 12:46

Tgt Ion: 85 Resp: 41879

Ion Ratio Lower Upper

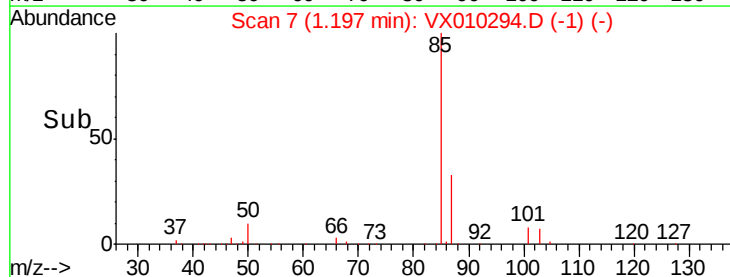
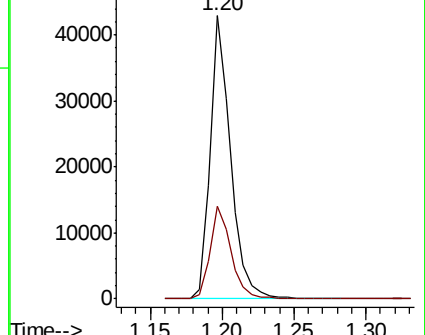
85 100

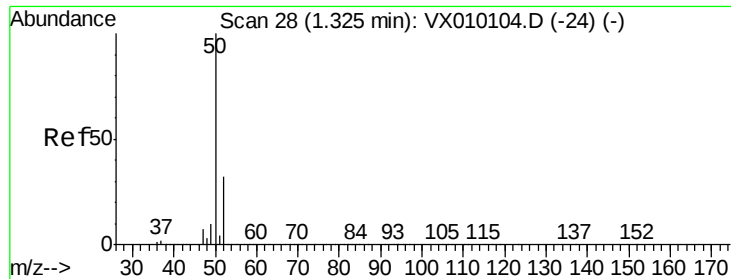
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.623 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

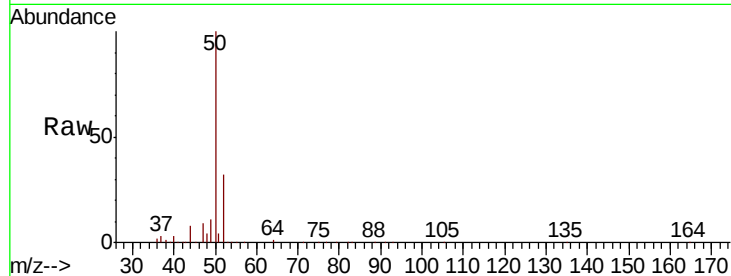
VX0614MBS01

Tgt Ion: 50 Resp: 40264

Ion Ratio Lower Upper

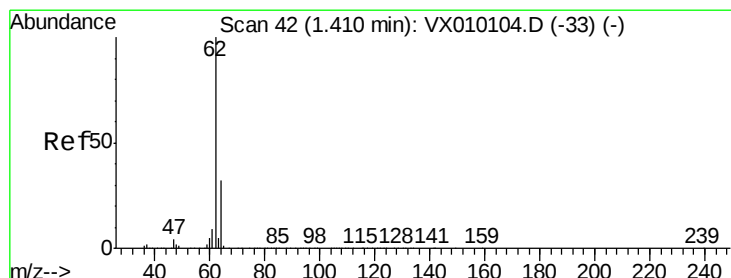
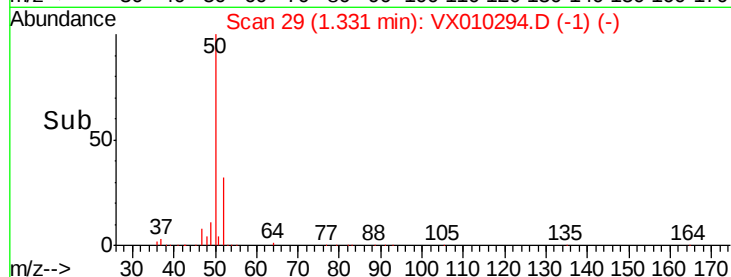
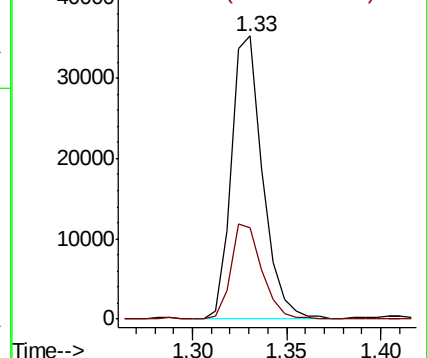
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.235 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010294.D

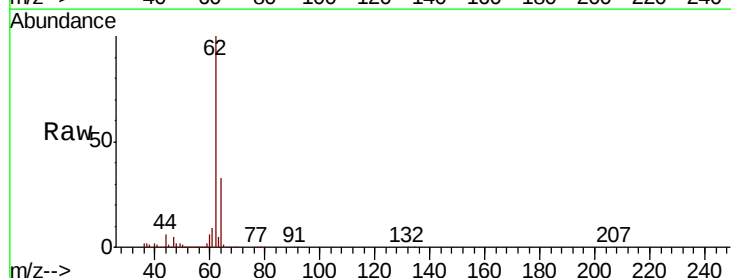
Acq: 14 Jun 2019 12:46

Tgt Ion: 62 Resp: 44170

Ion Ratio Lower Upper

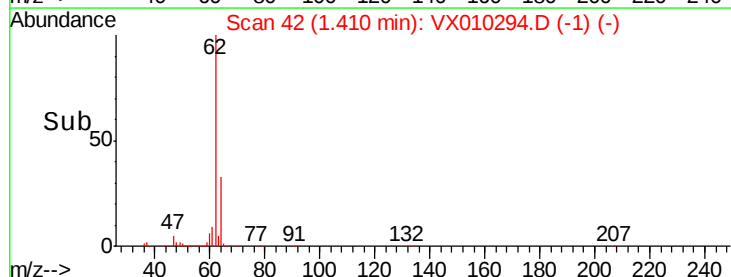
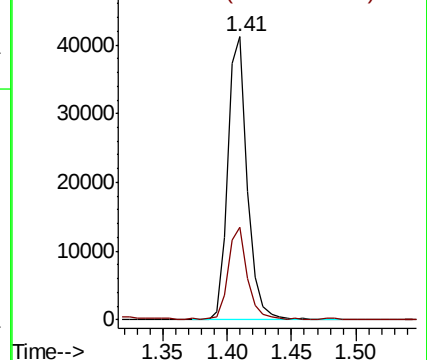
62 100

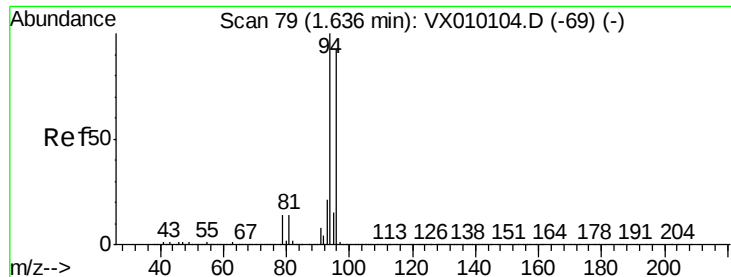
64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.144 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

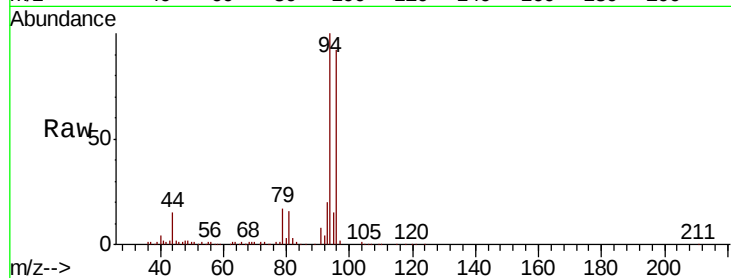
VX0614MBS01

Tgt Ion: 94 Resp: 22983

Ion Ratio Lower Upper

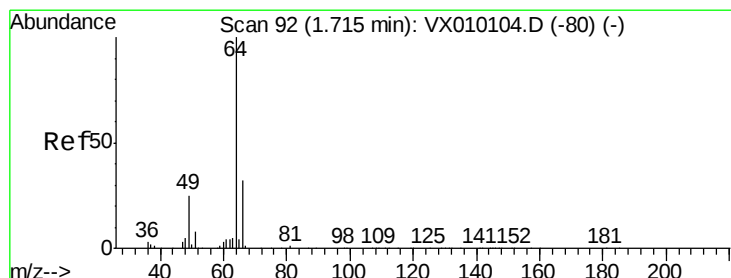
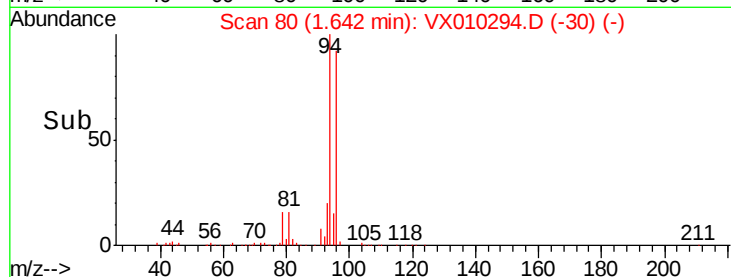
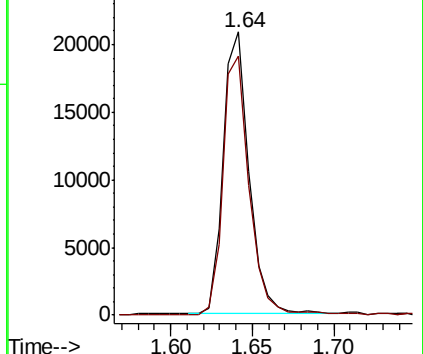
94 100

96 91.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.325 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010294.D

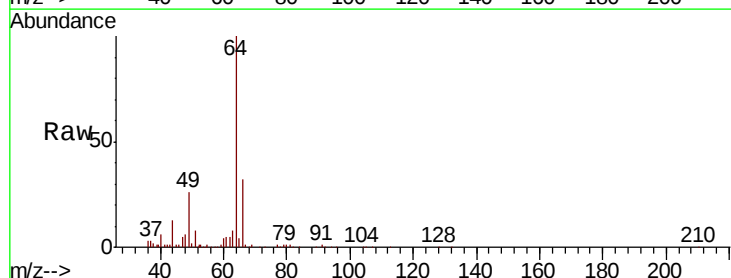
Acq: 14 Jun 2019 12:46

Tgt Ion: 64 Resp: 26044

Ion Ratio Lower Upper

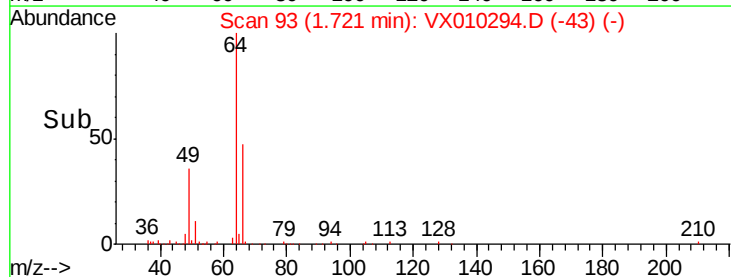
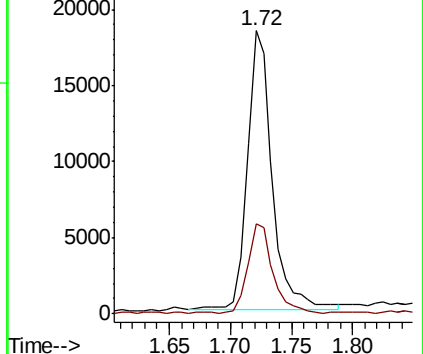
64 100

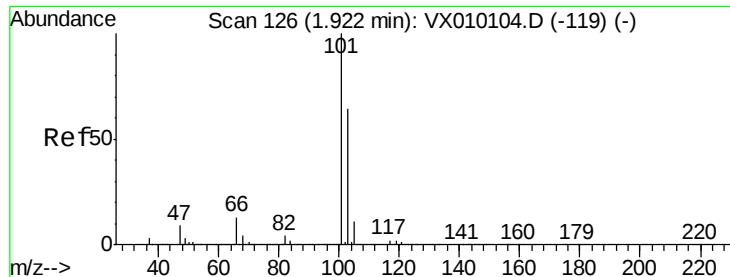
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



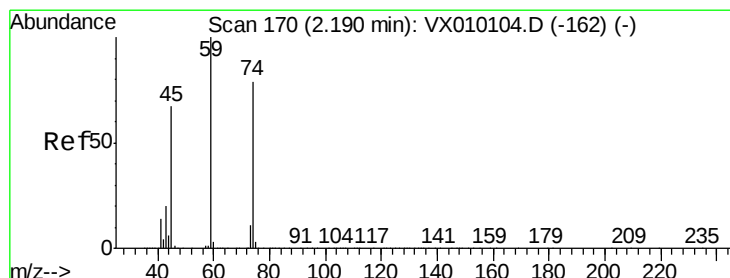
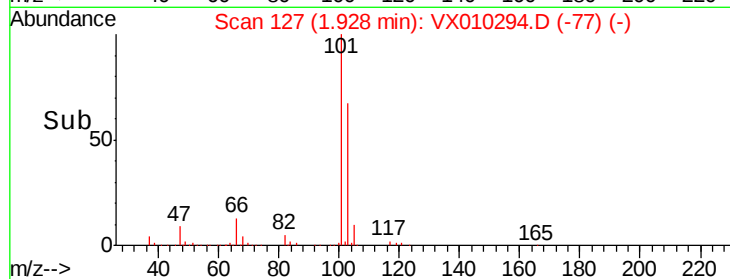
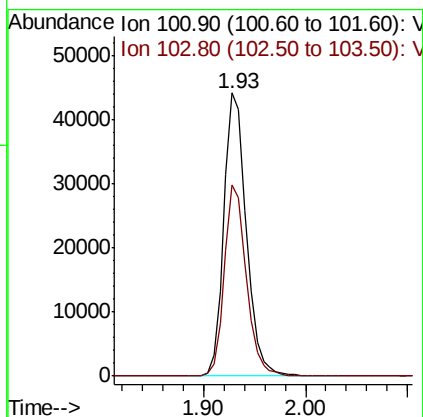
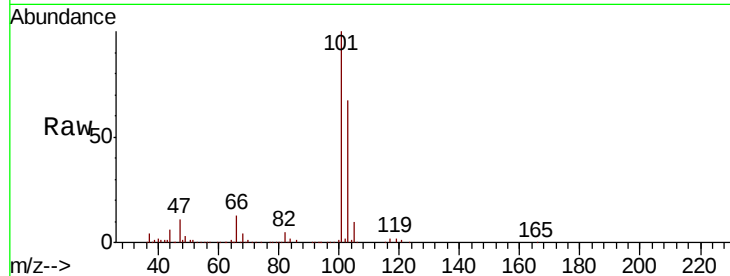


#7

Trichlorofluoromethane
 Concen: 18.763 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

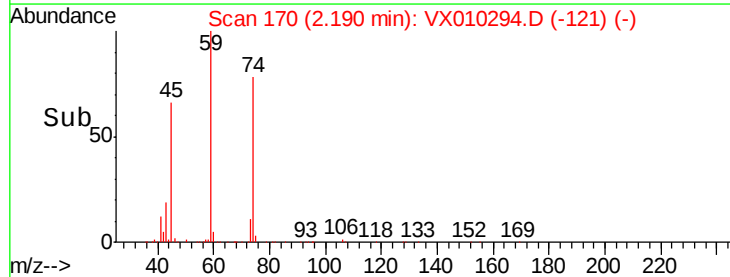
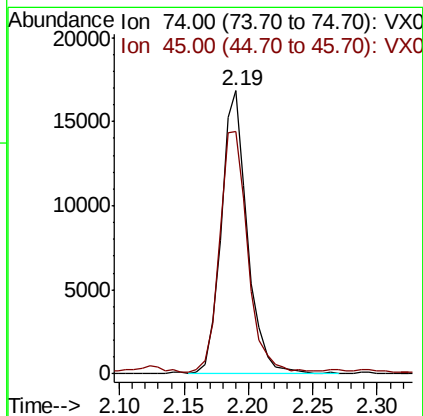
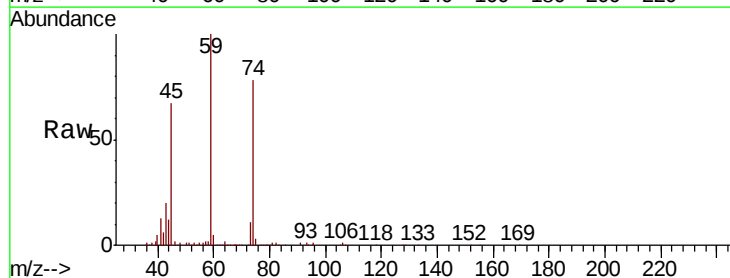
Tgt Ion:101 Resp: 67512
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.2 78.4

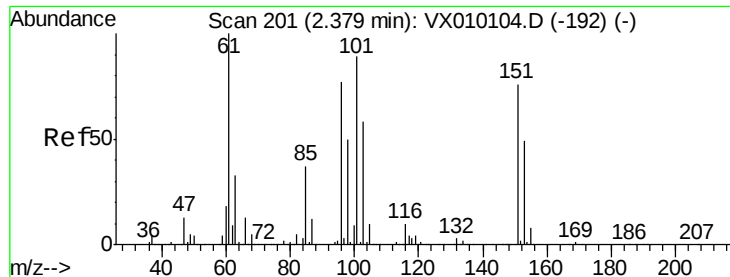


#8

Diethyl Ether
 Concen: 19.419 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion: 74 Resp: 24083
 Ion Ratio Lower Upper
 74 100
 45 92.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.732 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

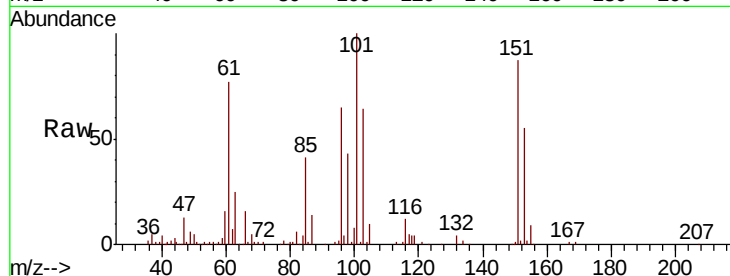
Tgt Ion:101 Resp: 39020

Ion Ratio Lower Upper

101 100

85 42.1 35.2 52.8

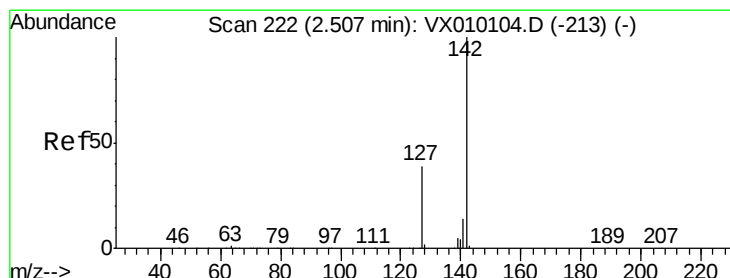
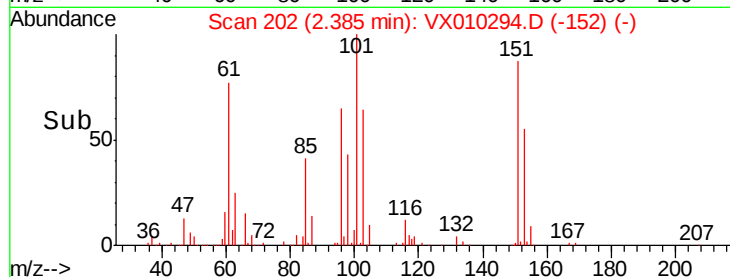
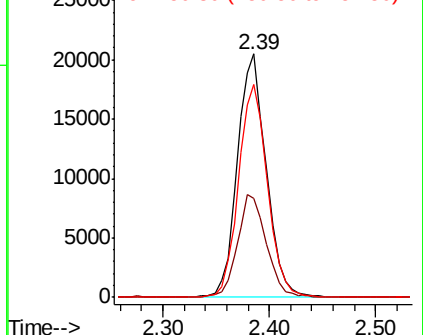
151 87.7 61.9 92.9



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: 13.830 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

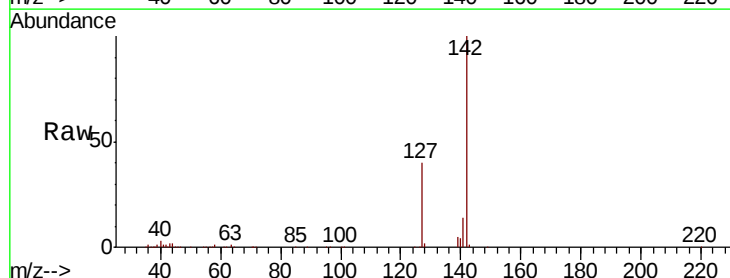
Tgt Ion:142 Resp: 53148

Ion Ratio Lower Upper

142 100

127 39.8 33.0 49.4

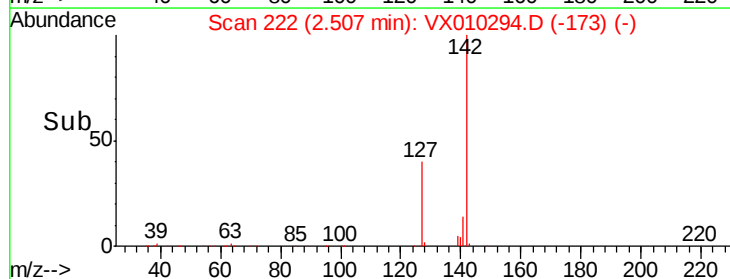
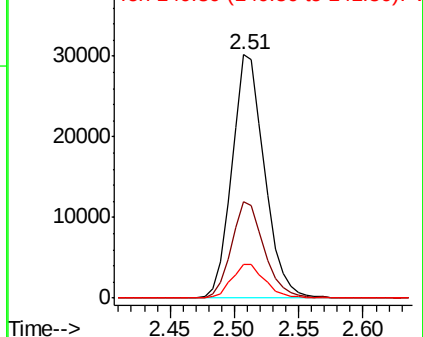
141 14.3 11.4 17.0

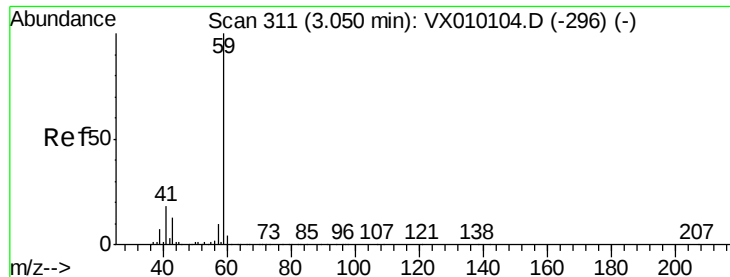


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



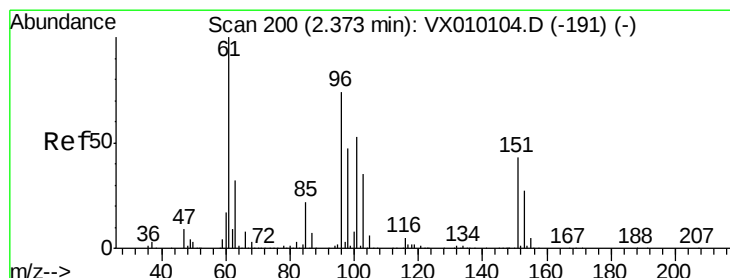
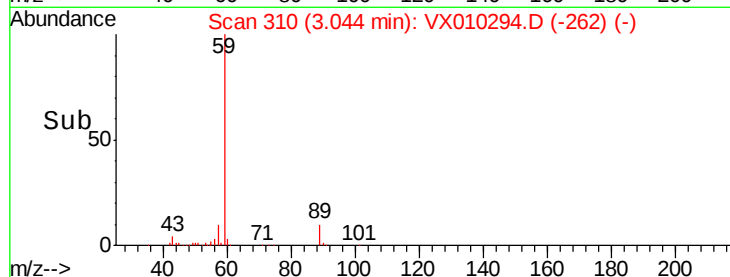
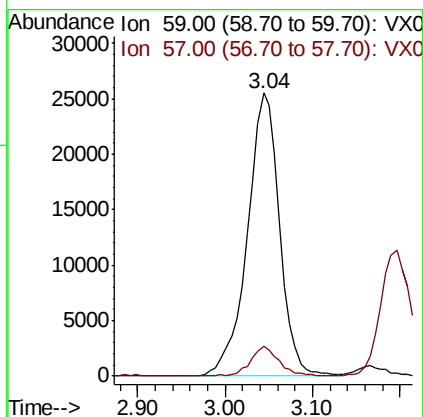
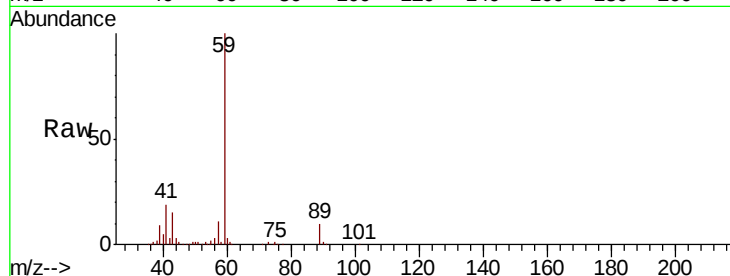


#11

Tert butyl alcohol
 Concen: 96.552 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

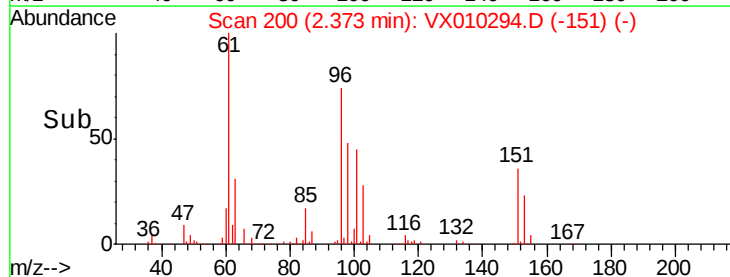
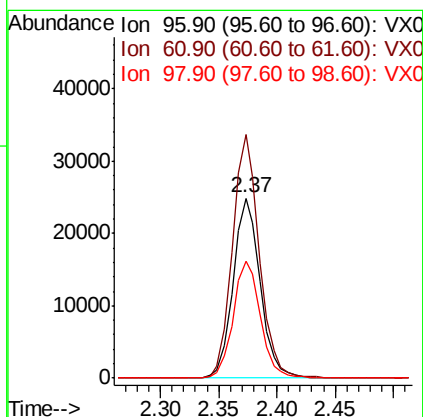
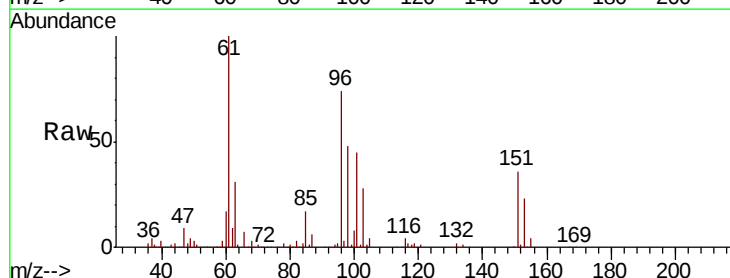
Tgt Ion: 59 Resp: 65116
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.2 12.2

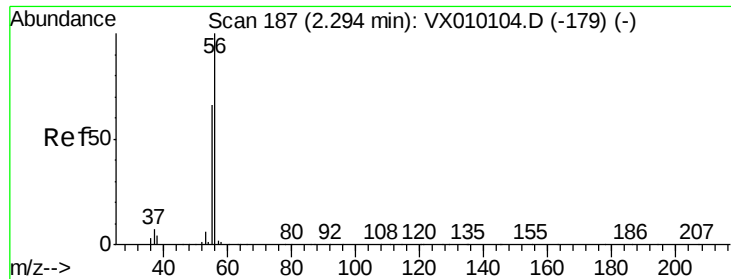


#12

1,1-Dichloroethene
 Concen: 15.930 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion: 96 Resp: 40356
 Ion Ratio Lower Upper
 96 100
 61 135.3 140.7 211.1#
 98 65.2 50.1 75.1





#13

Acrolein

Concen: 65.201 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

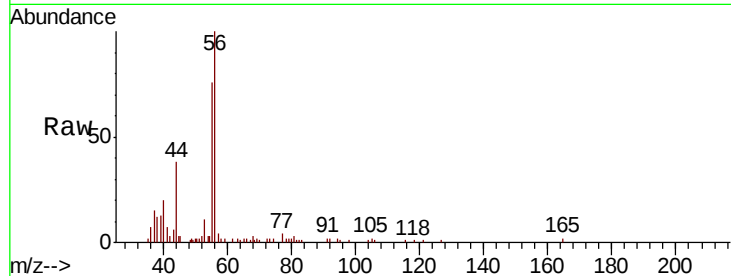
VX0614MBS01

Tgt Ion: 56 Resp: 8018

Ion Ratio Lower Upper

56 100

55 76.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

5000

4000

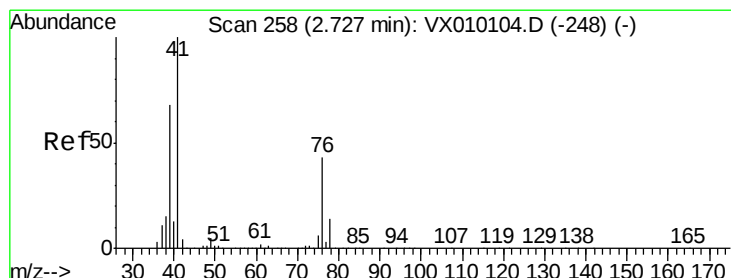
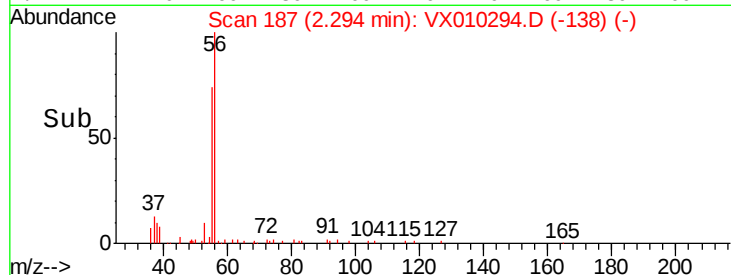
3000

2000

1000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 15.129 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

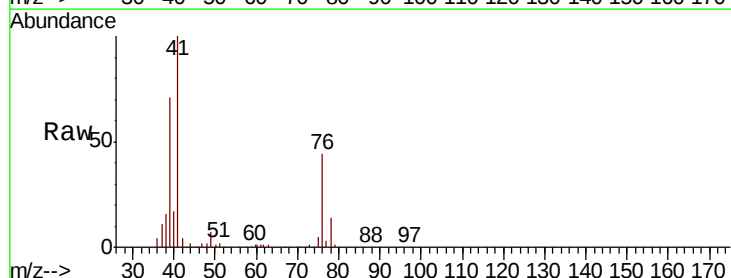
Tgt Ion: 41 Resp: 57853

Ion Ratio Lower Upper

41 100

39 63.9 46.7 70.1

76 40.2 21.0 31.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

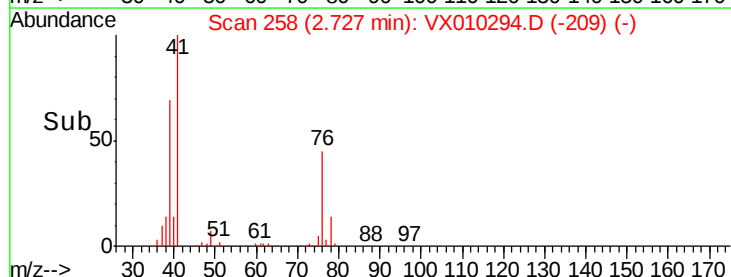
30000

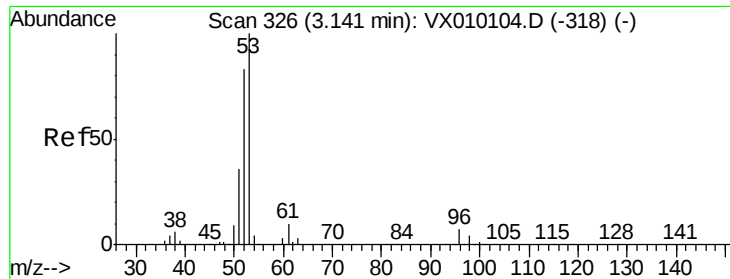
20000

10000

0

Time--> 2.60 2.70 2.80

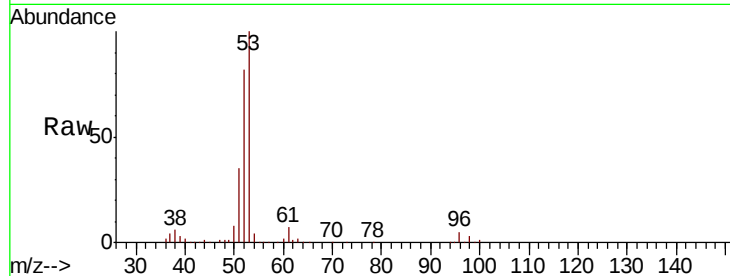




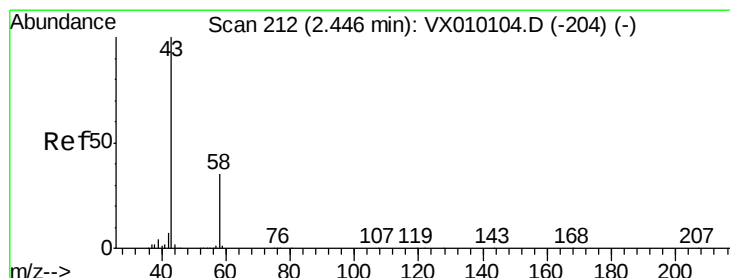
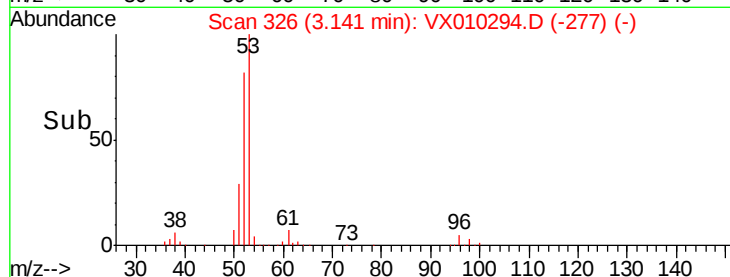
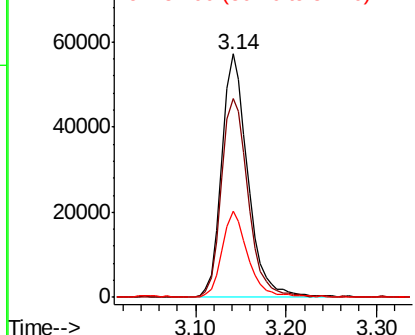
#15
Acrylonitrile
Concen: 83.512 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tgt Ion: 53 Resp: 115121
Ion Ratio Lower Upper
53 100
52 83.8 66.7 100.1
51 35.4 28.8 43.2

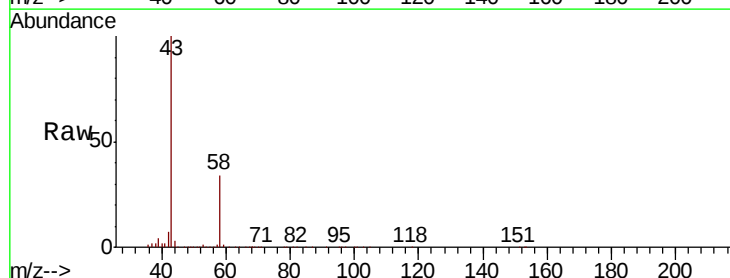


Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

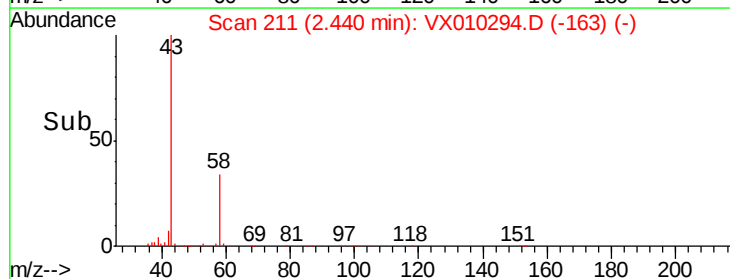
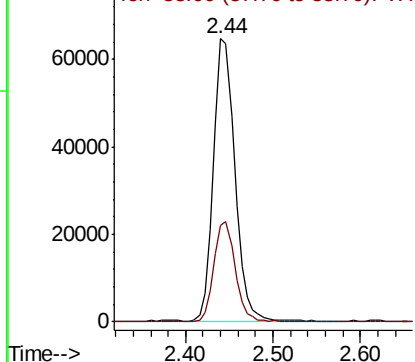


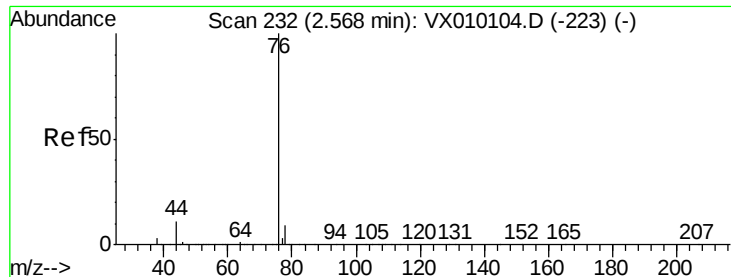
#16
Acetone
Concen: 84.974 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 43 Resp: 110029
Ion Ratio Lower Upper
43 100
58 34.2 23.2 34.8



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





#17

Carbon Disulfide

Concen: 13.220 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

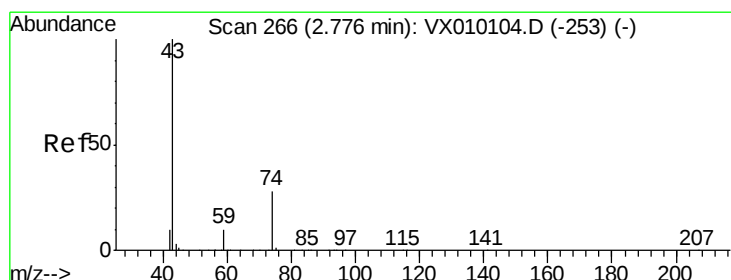
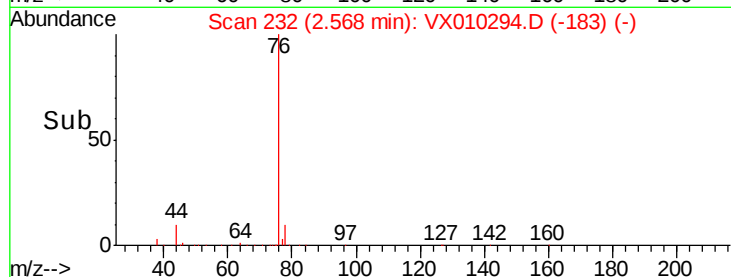
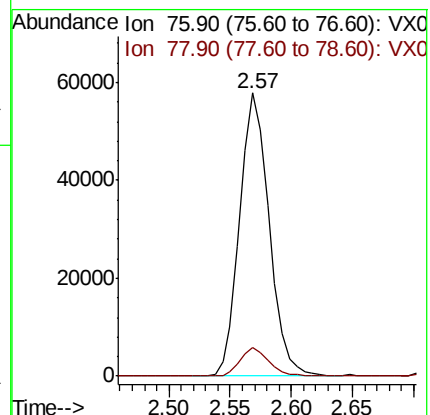
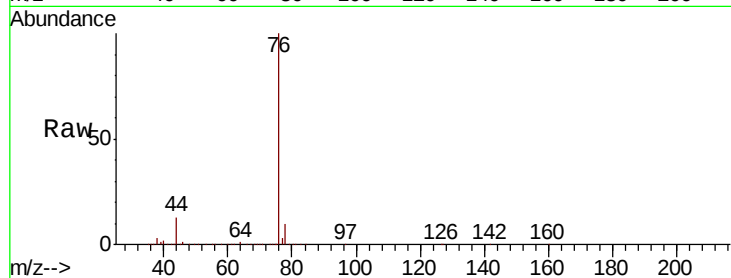
VX0614MBS01

Tgt Ion: 76 Resp: 96766

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.6



#18

Methyl Acetate

Concen: 17.602 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010294.D

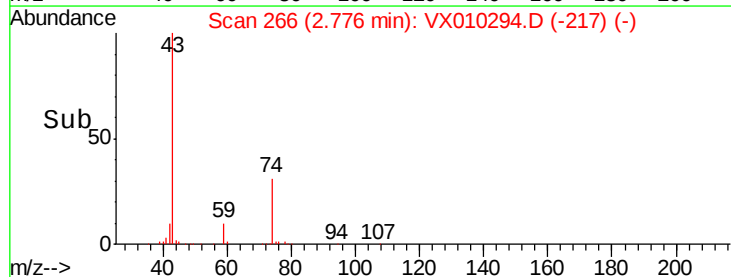
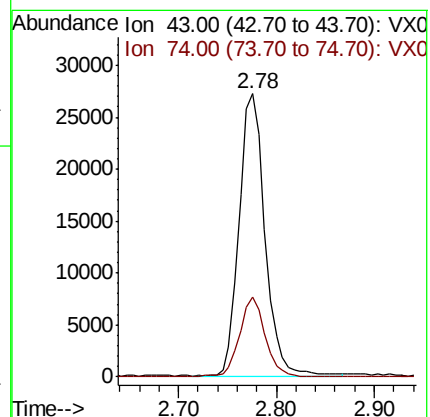
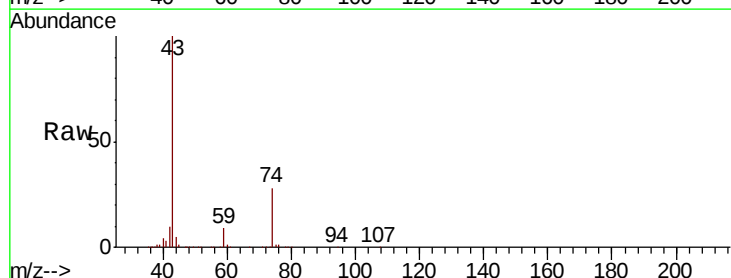
Acq: 14 Jun 2019 12:46

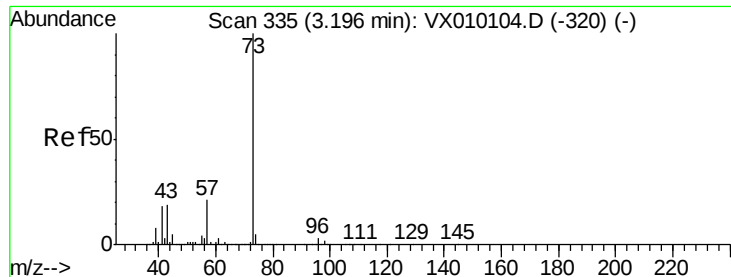
Tgt Ion: 43 Resp: 50124

Ion Ratio Lower Upper

43 100

74 27.9 15.8 23.6#

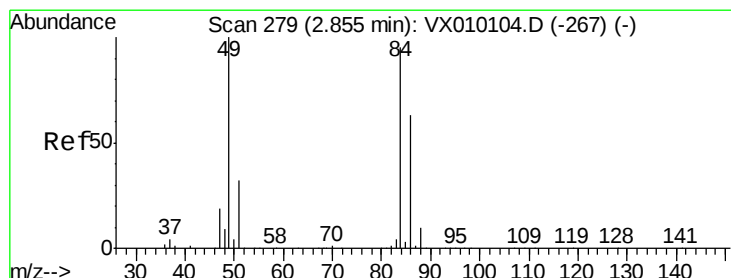
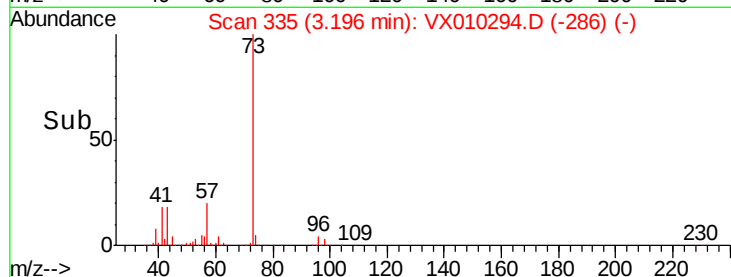
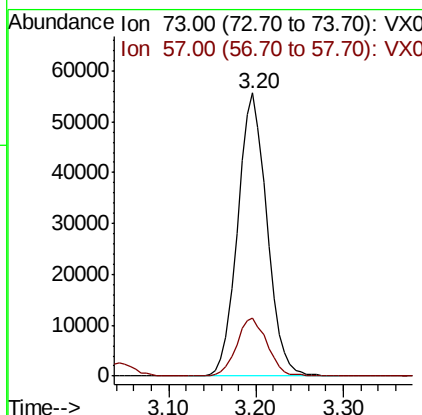
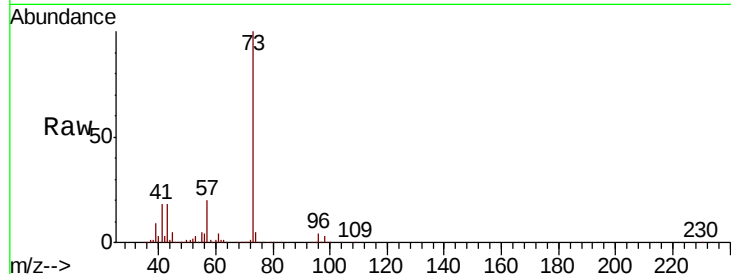




#19
Methyl tert-butyl Ether
Concen: 15.896 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

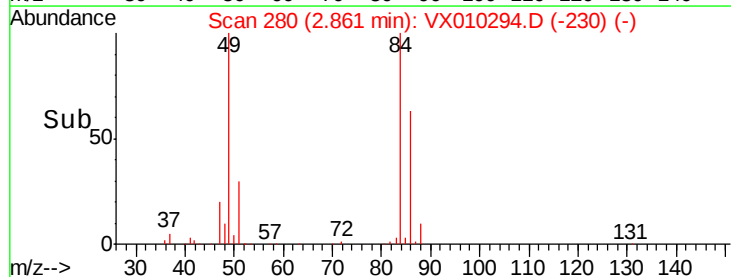
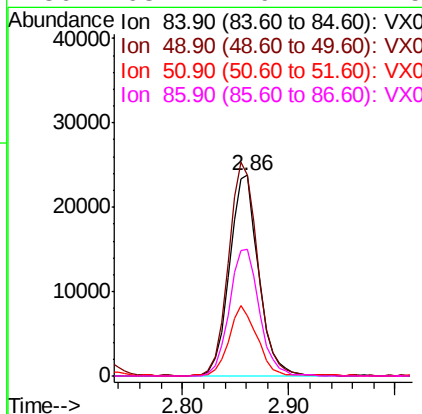
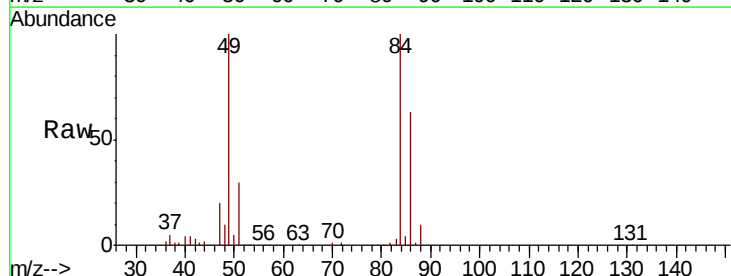
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

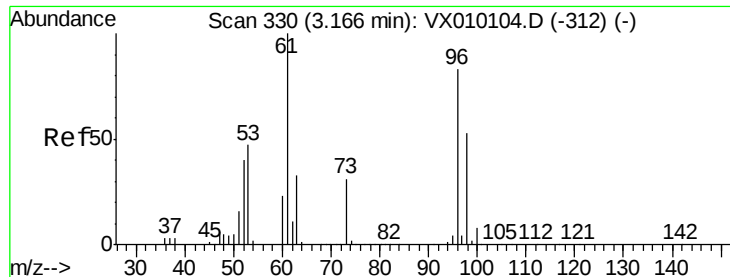
Tgt Ion: 73 Resp: 129371
Ion Ratio Lower Upper
73 100
57 20.4 19.4 29.2



#20
Methylene Chloride
Concen: 16.072 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 84 Resp: 45704
Ion Ratio Lower Upper
84 100
49 100.2 115.8 173.6#
51 29.5 34.4 51.6#
86 63.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 14.999 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

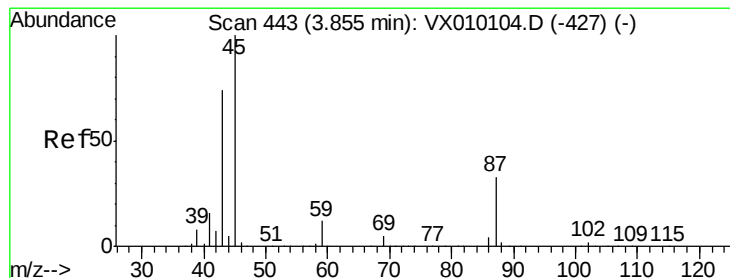
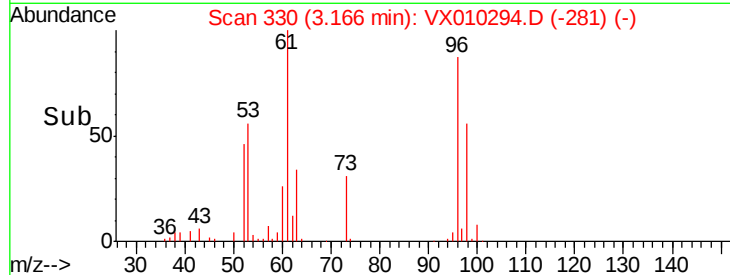
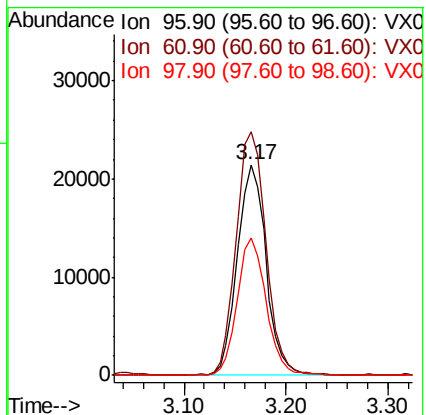
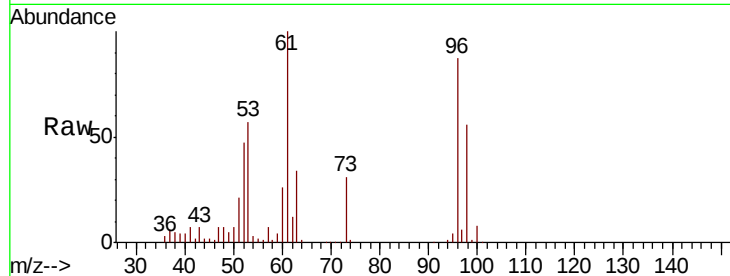
Tgt Ion: 96 Resp: 42051

Ion Ratio Lower Upper

96 100

61 115.4 125.7 188.5#

98 65.2 49.0 73.6



#22

Diisopropyl ether

Concen: 16.687 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion: 45 Resp: 122001

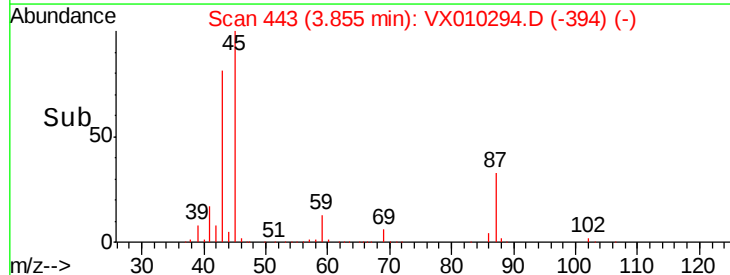
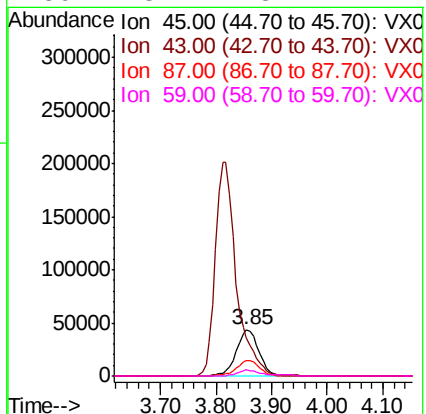
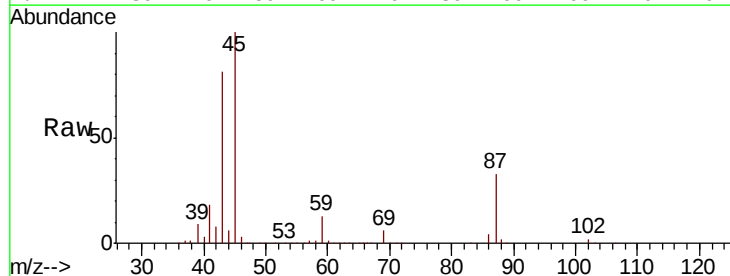
Ion Ratio Lower Upper

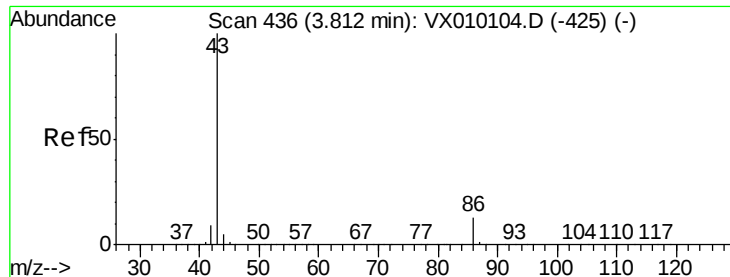
45 100

43 80.9 65.0 97.4

87 33.3 17.3 25.9#

59 13.4 8.1 12.1#





#23

Vinyl Acetate

Concen: 81.052 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

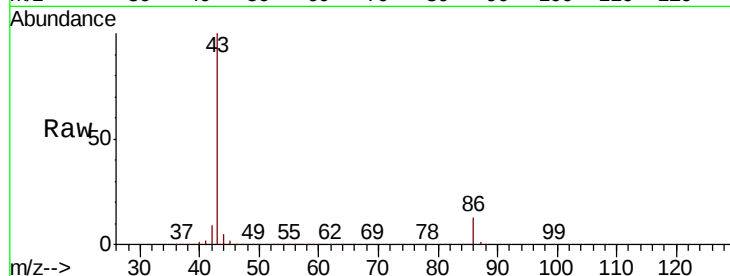
VX0614MBS01

Tgt Ion: 43 Resp: 528653

Ion Ratio Lower Upper

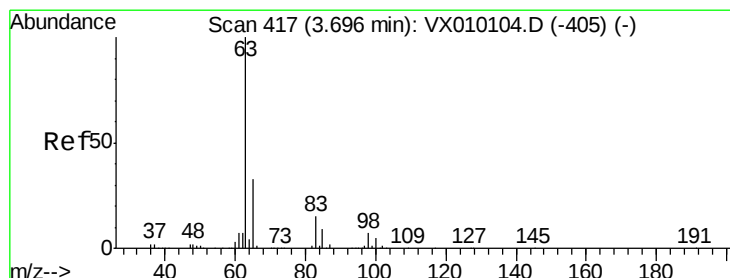
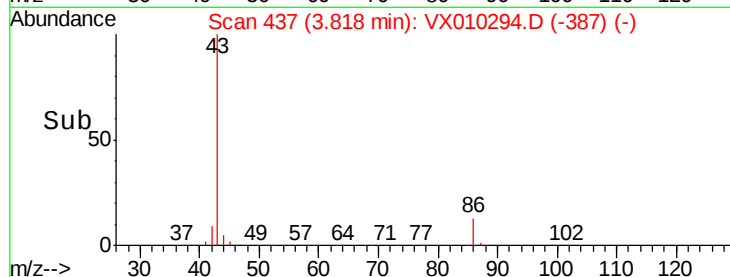
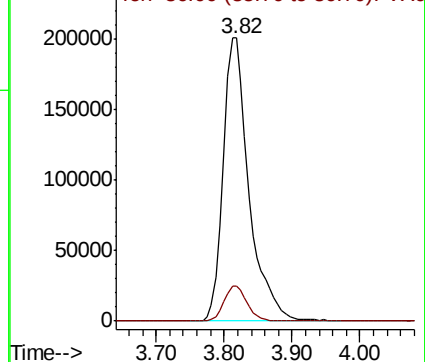
43 100

86 12.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 15.765 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

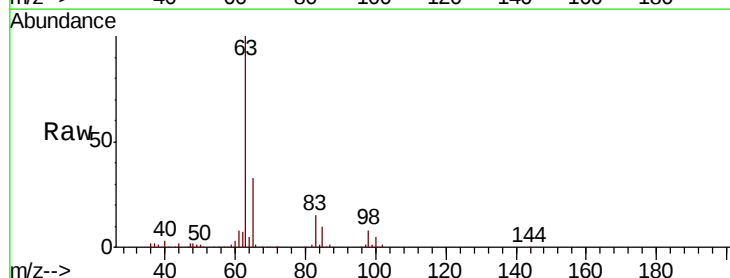
Tgt Ion: 63 Resp: 69981

Ion Ratio Lower Upper

63 100

98 8.2 2.9 8.8

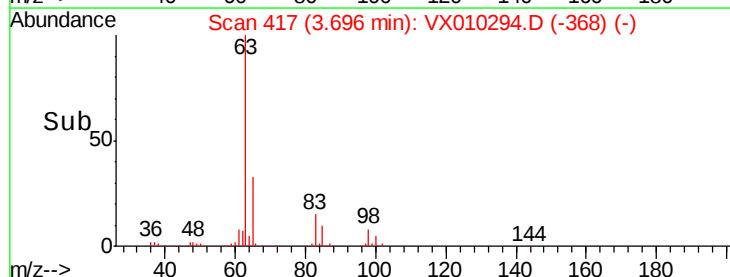
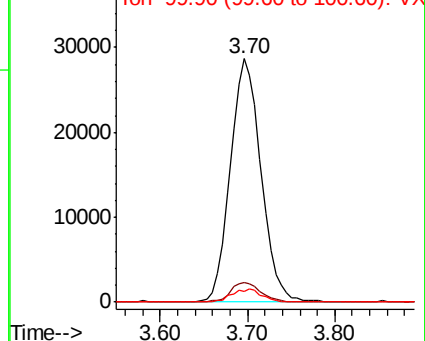
100 4.6 1.8 5.4

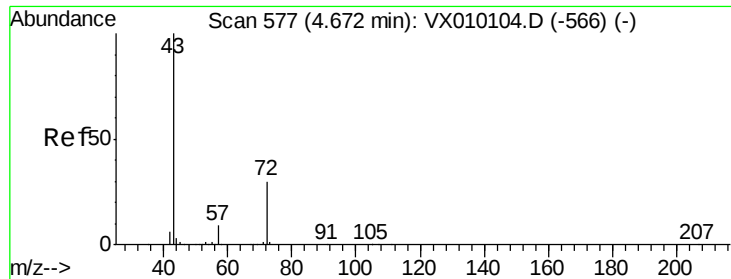


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 85.316 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

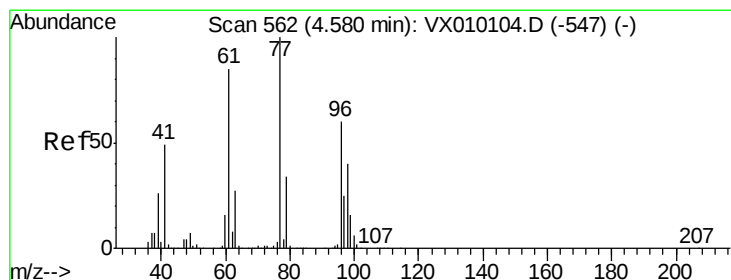
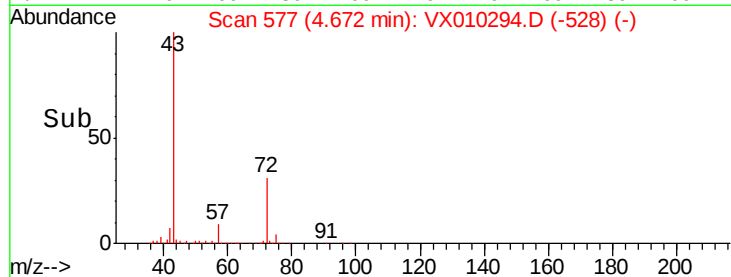
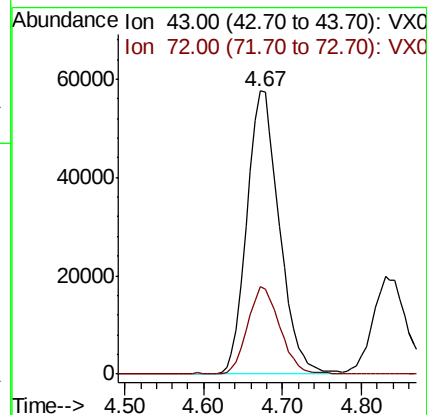
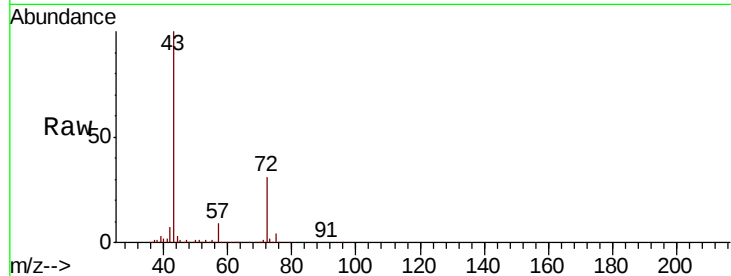
VX0614MBS01

Tgt Ion: 43 Resp: 164504

Ion Ratio Lower Upper

43 100

72 30.8 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 14.853 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010294.D

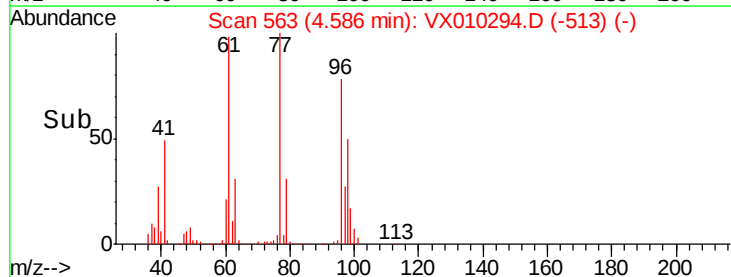
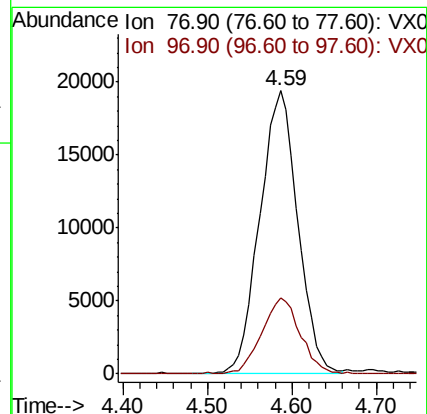
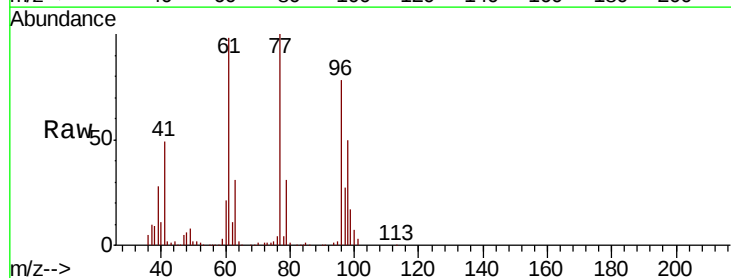
Acq: 14 Jun 2019 12:46

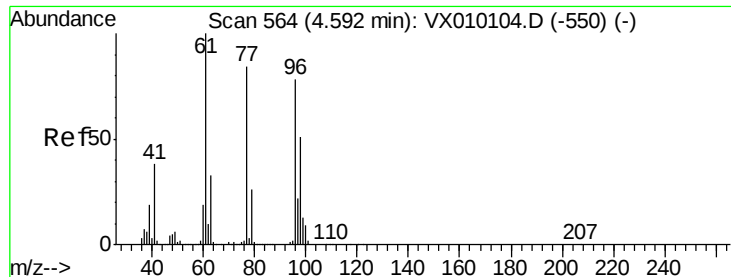
Tgt Ion: 77 Resp: 60152

Ion Ratio Lower Upper

77 100

97 27.1 11.4 34.2



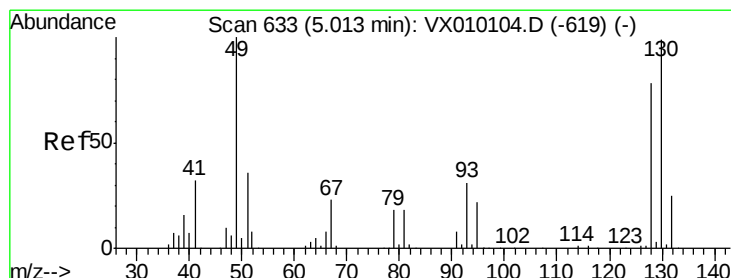
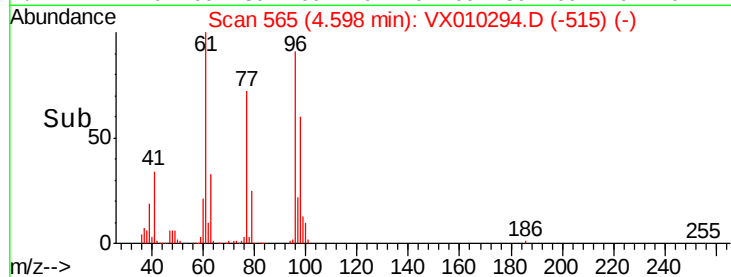
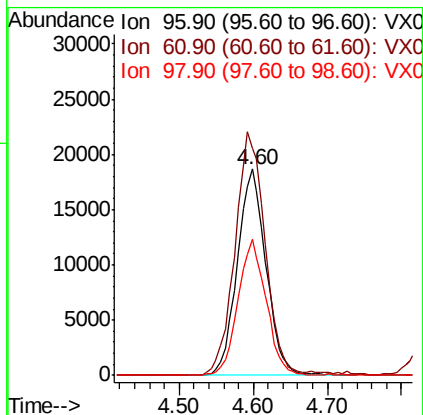
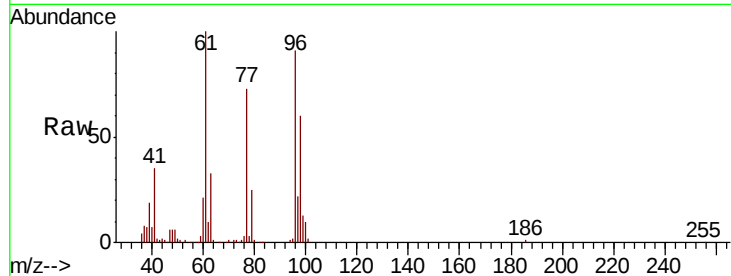


#27

cis-1,2-Dichloroethene
 Concen: 16.233 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

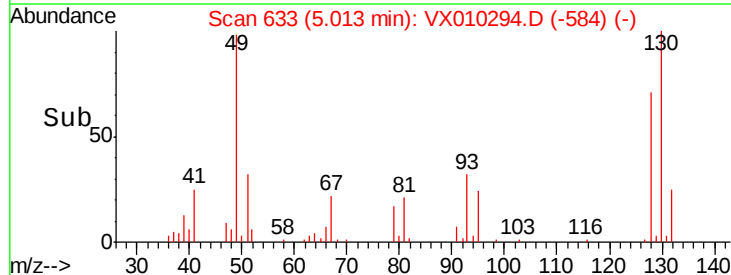
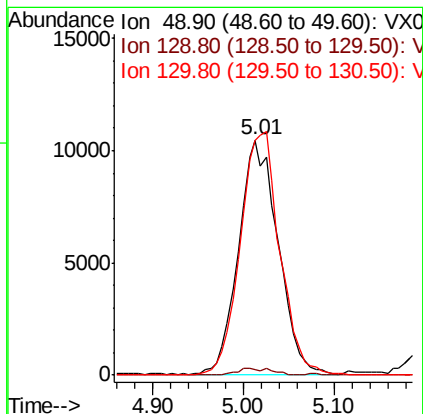
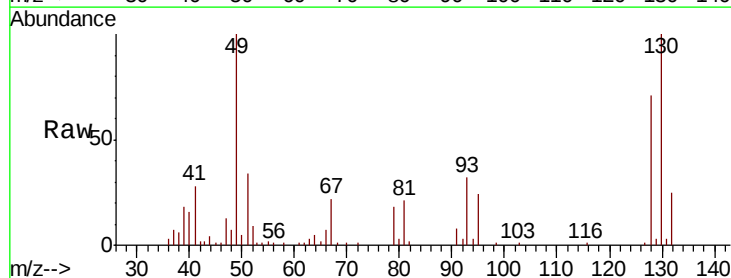
Tgt Ion: 96 Resp: 50628
 Ion Ratio Lower Upper
 96 100
 61 123.1 0.0 334.0
 98 64.5 0.0 131.6

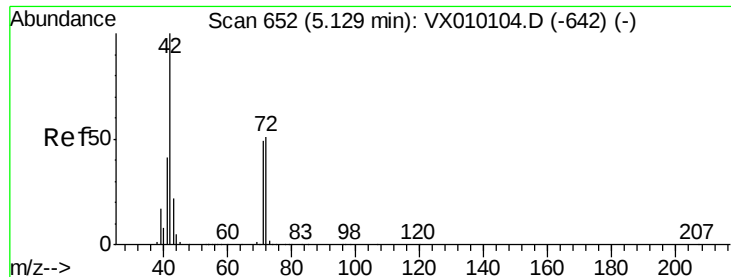


#28

Bromochloromethane
 Concen: 15.981 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion: 49 Resp: 31793
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 0.0 49.4 74.2#





#29

Tetrahydrofuran

Concen: 82.812 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

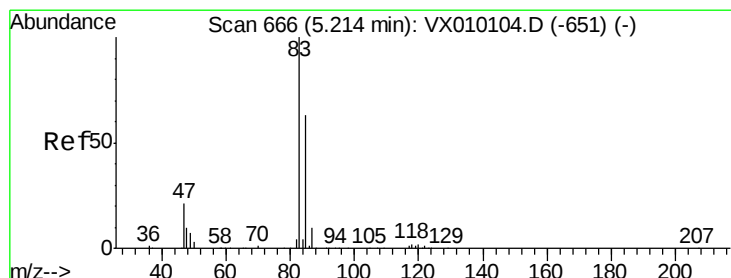
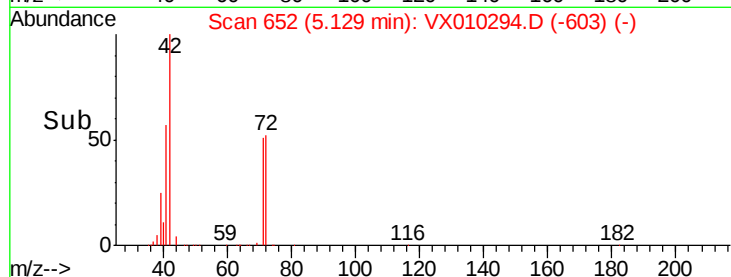
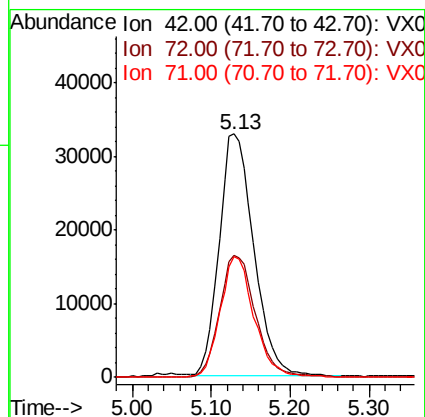
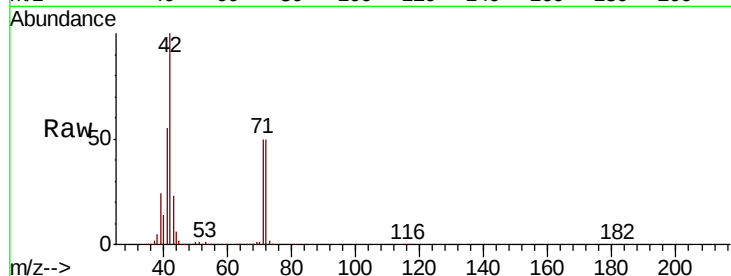
Tgt Ion: 42 Resp: 100348

Ion Ratio Lower Upper

42 100

72 52.7 29.2 43.8#

71 48.6 27.6 41.4#



#30

Chloroform

Concen: 16.297 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010294.D

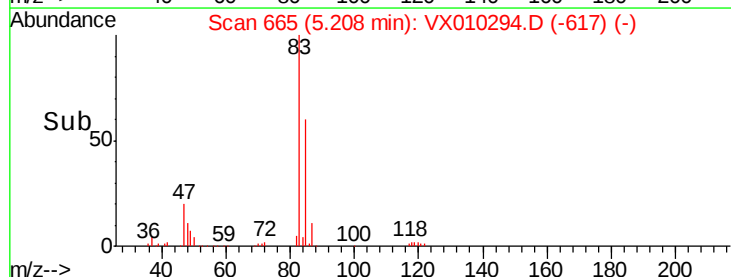
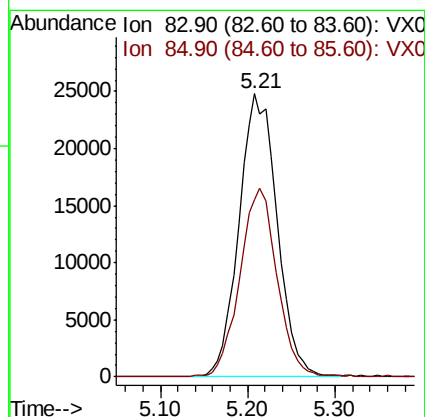
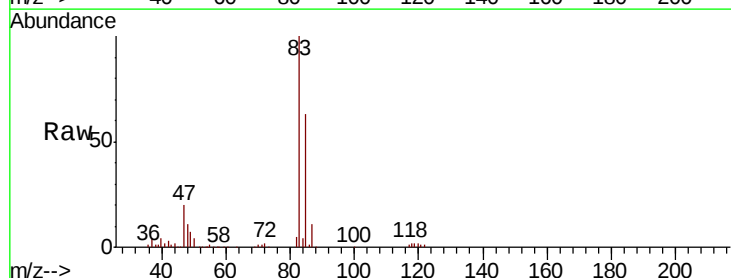
Acq: 14 Jun 2019 12:46

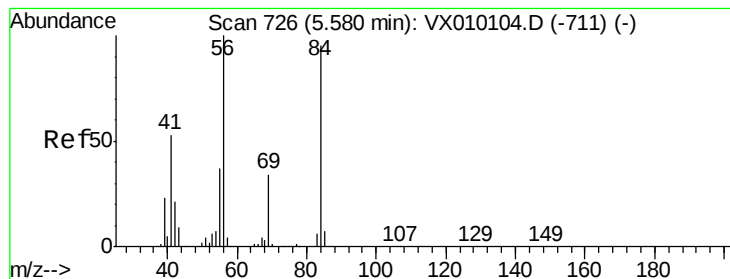
Tgt Ion: 83 Resp: 75131

Ion Ratio Lower Upper

83 100

85 62.7 52.6 78.8





#31

Cyclohexane

Concen: 15.291 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

VX0614MBS01

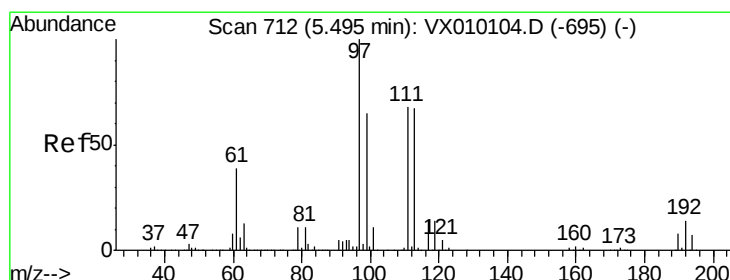
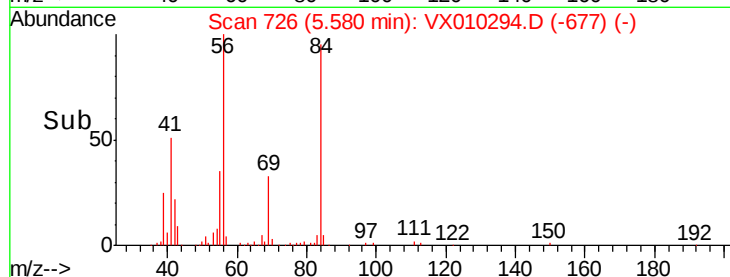
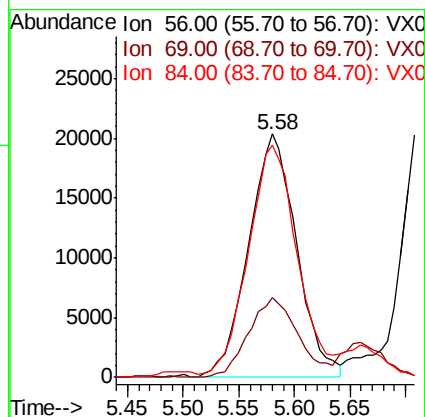
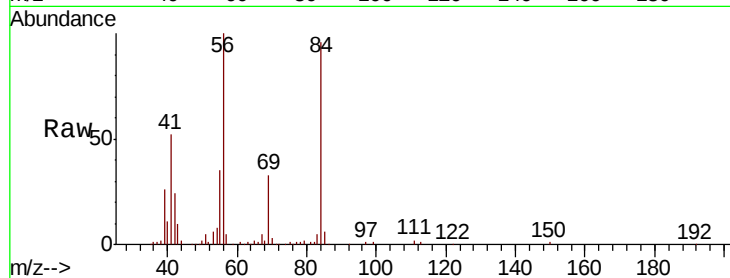
Tgt Ion: 56 Resp: 61262

Ion Ratio Lower Upper

56 100

69 32.7 21.6 32.4#

84 93.5 56.8 85.2#



#32

1,1,1-Trichloroethane

Concen: 15.173 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

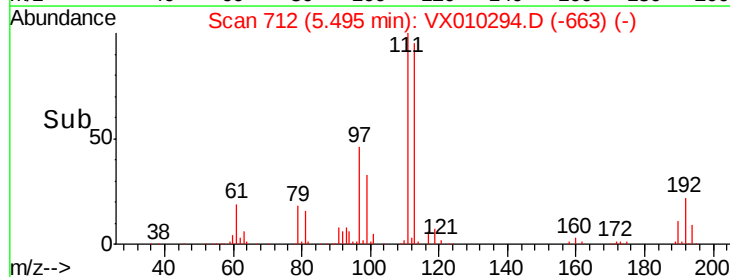
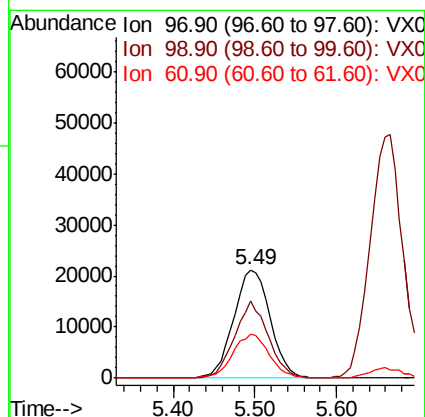
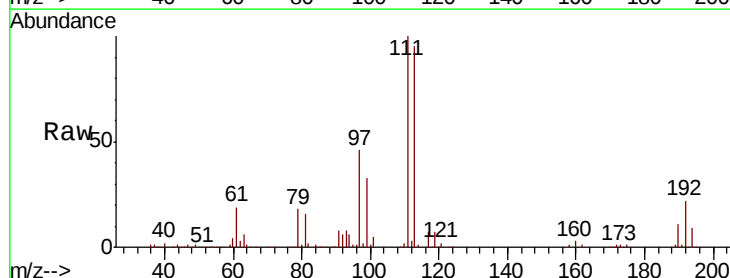
Tgt Ion: 97 Resp: 65762

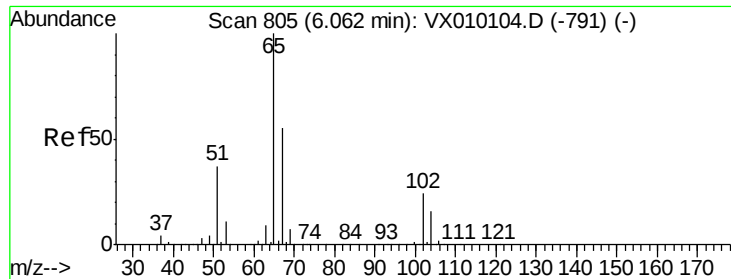
Ion Ratio Lower Upper

97 100

99 65.5 51.0 76.4

61 40.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 46.599 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

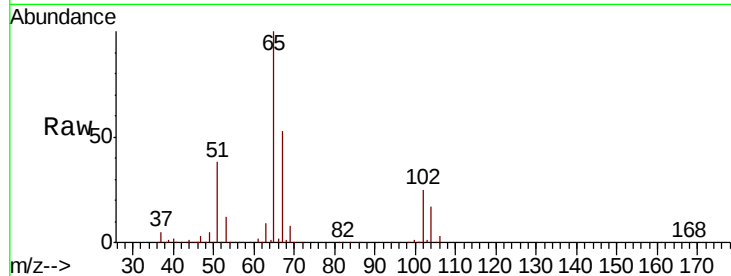
VX0614MBS01

Tgt Ion: 65 Resp: 128288

Ion Ratio Lower Upper

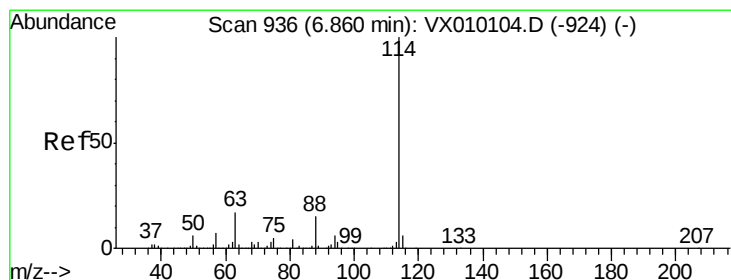
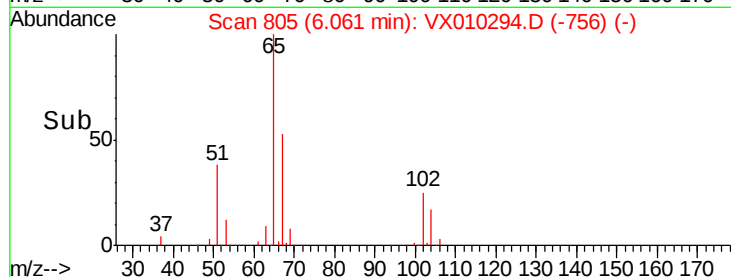
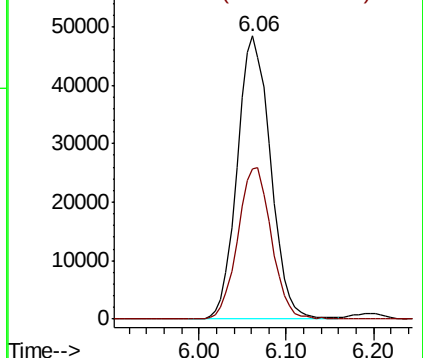
65 100

67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

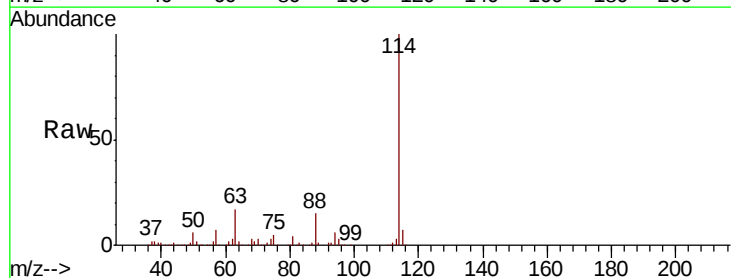
Tgt Ion: 114 Resp: 424082

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

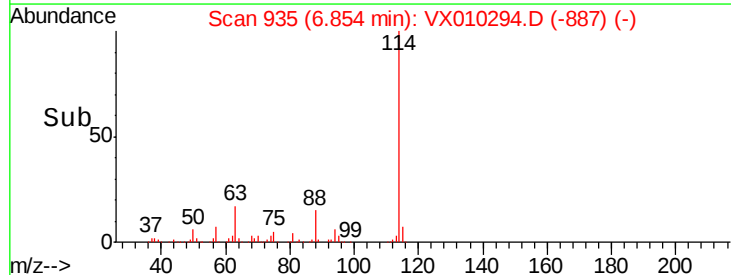
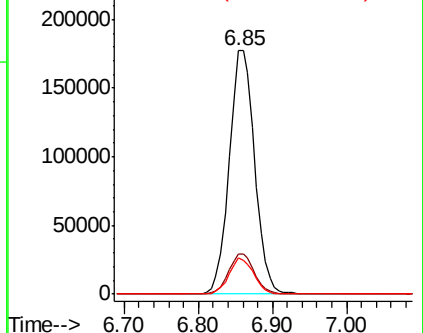
88 14.9 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

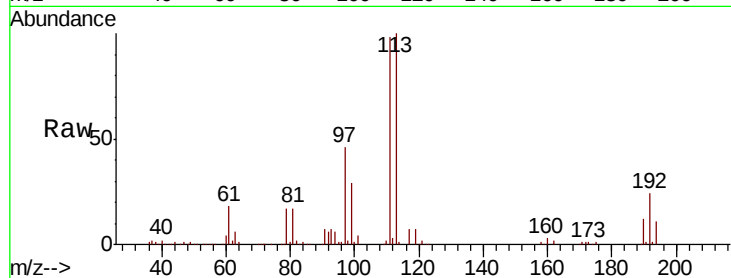




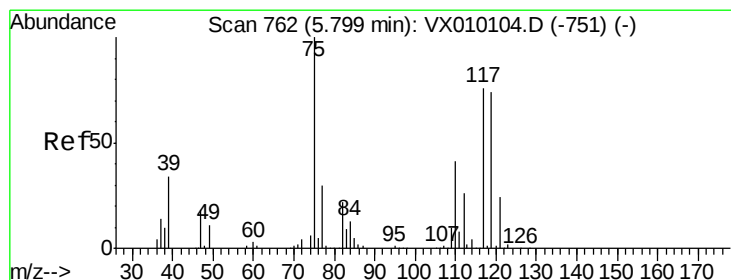
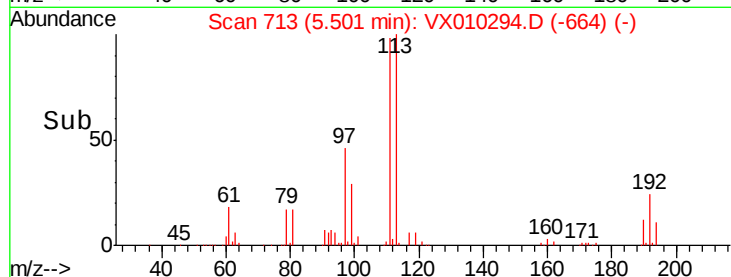
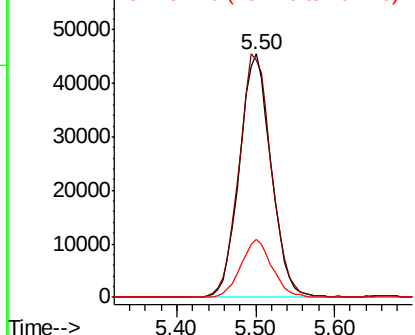
#35
Dibromofluoromethane
Concen: 48.545 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tgt Ion: 113 Resp: 126987
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 23.3 17.1 25.7

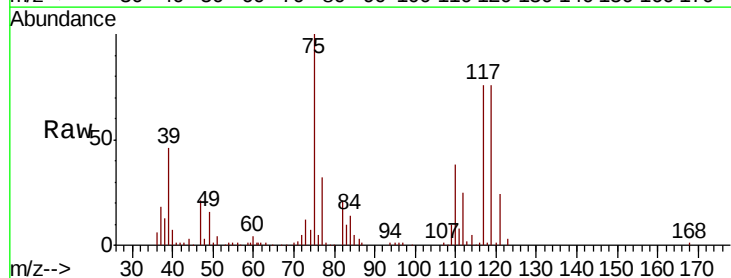


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

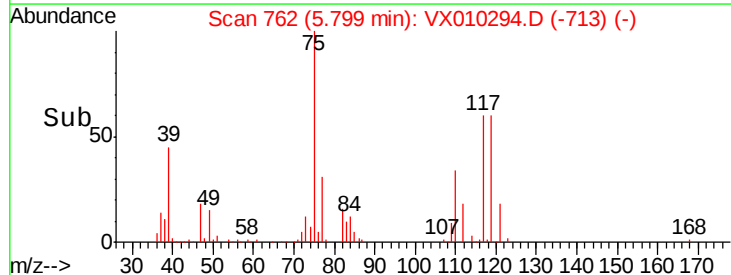
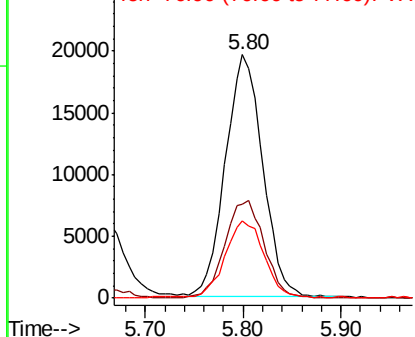


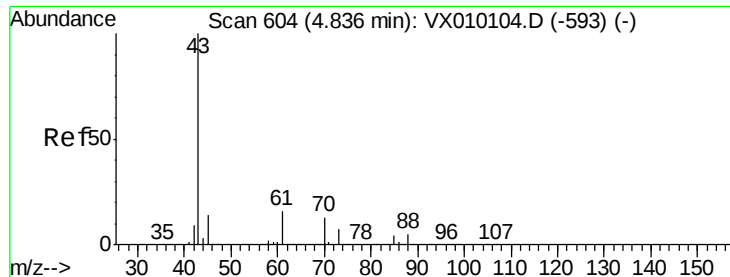
#36
1,1-Dichloropropene
Concen: 14.945 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 75 Resp: 51708
Ion Ratio Lower Upper
75 100
110 42.8 16.7 50.1
77 33.1 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

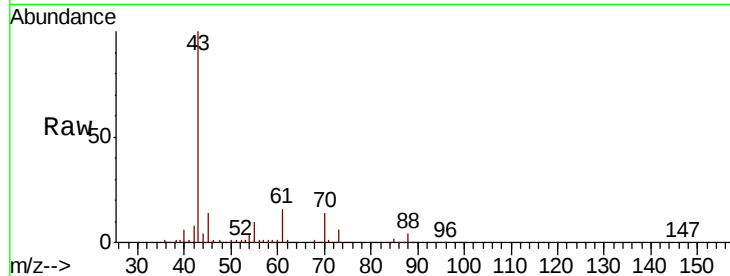




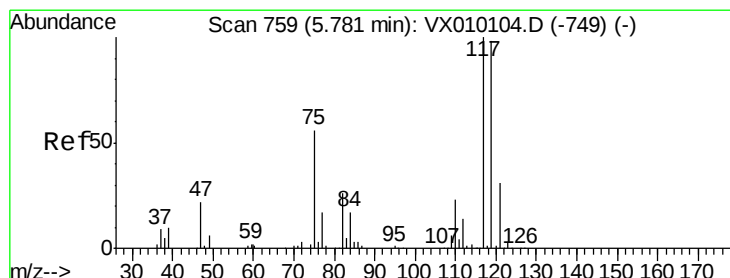
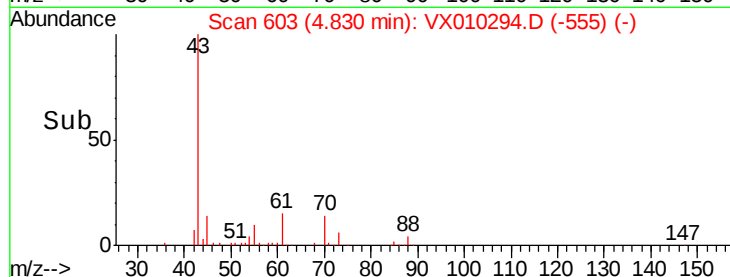
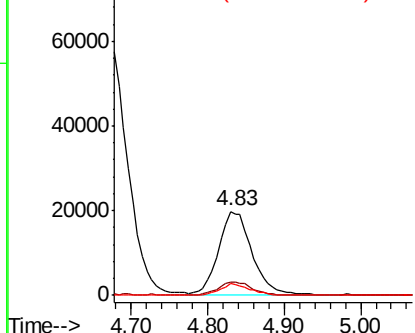
#37
Ethyl Acetate
Concen: 16.376 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tgt Ion: 43 Resp: 58952
Ion Ratio Lower Upper
43 100
61 16.6 10.2 15.2#
70 13.2 7.4 11.2#

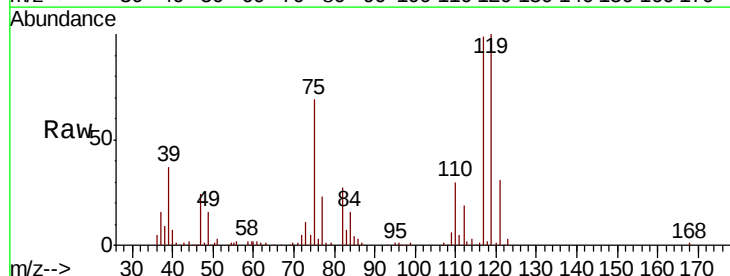


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

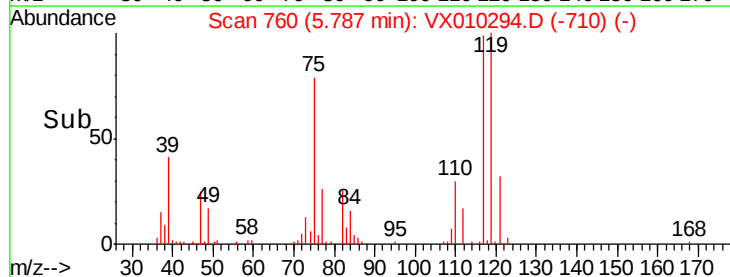
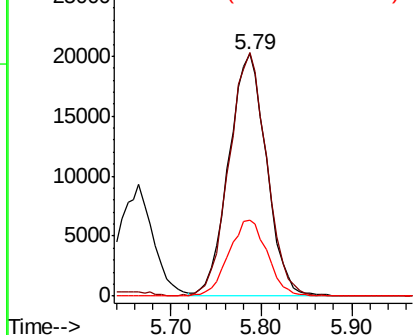


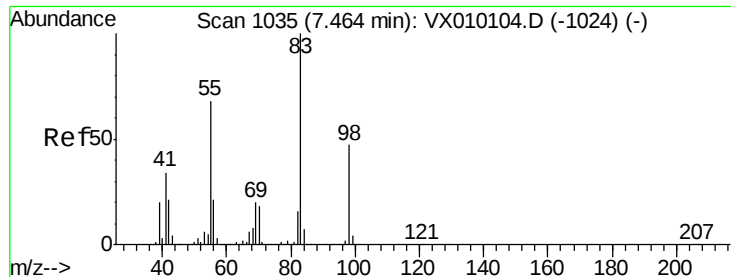
#38
Carbon Tetrachloride
Concen: 14.877 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 117 Resp: 58259
Ion Ratio Lower Upper
117 100
119 100.6 77.3 115.9
121 31.5 25.4 38.0



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

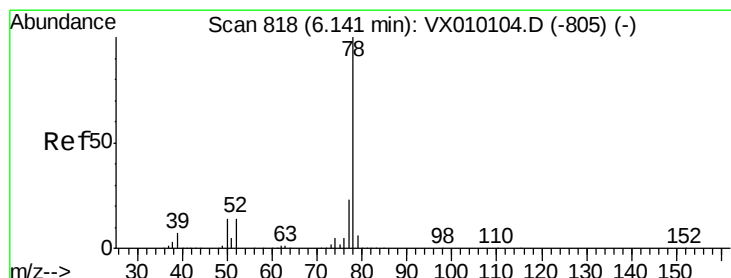
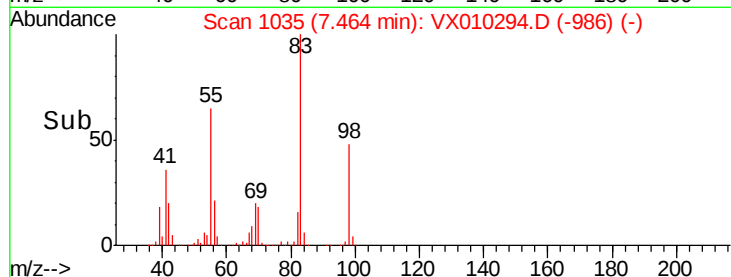
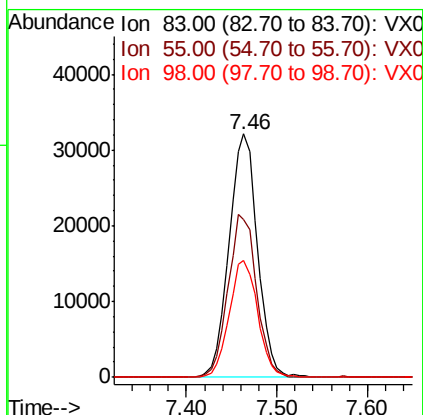
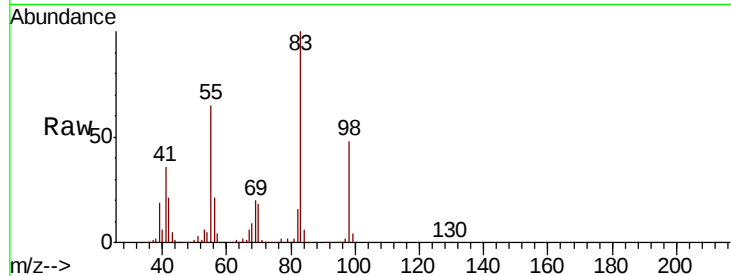




#39
Methylcyclohexane
Concen: 14.832 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

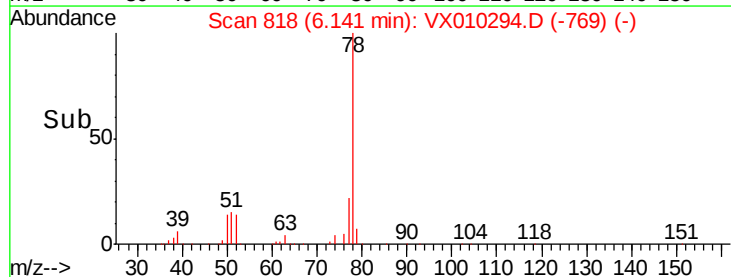
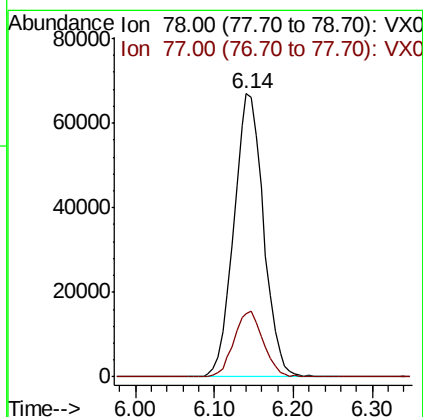
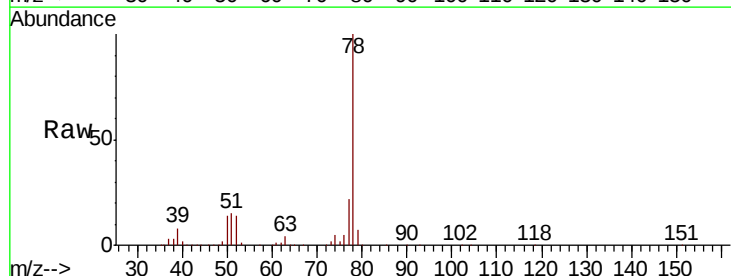
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

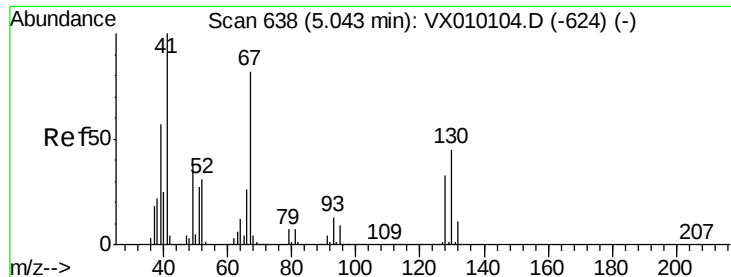
Tgt Ion: 83 Resp: 69879
Ion Ratio Lower Upper
83 100
55 64.9 69.9 104.9#
98 47.8 35.1 52.7



#40
Benzene
Concen: 16.370 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 78 Resp: 175141
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8





#41

Methacrylonitrile

Concen: 15.853 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tgt Ion: 41 Resp: 30871

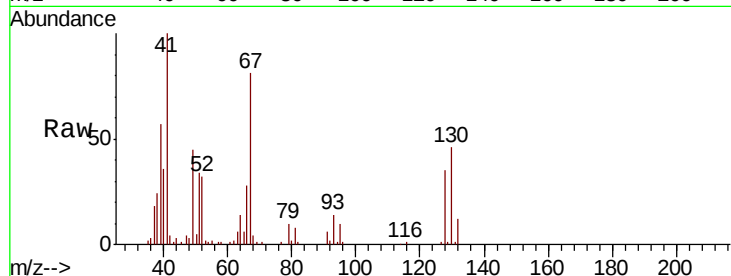
Ion Ratio Lower Upper

41 100

39 56.7 42.2 63.4

67 85.7 48.9 73.3#

52 34.3 20.1 30.1#



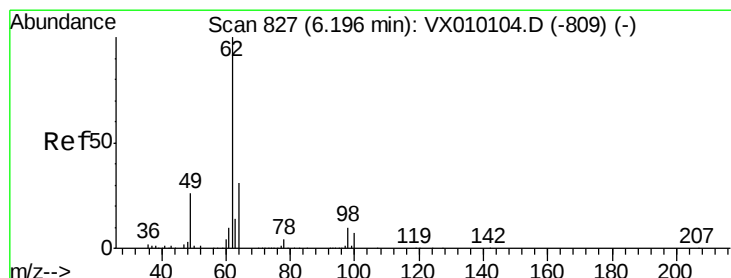
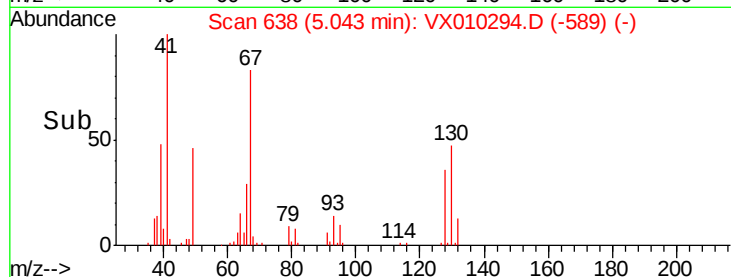
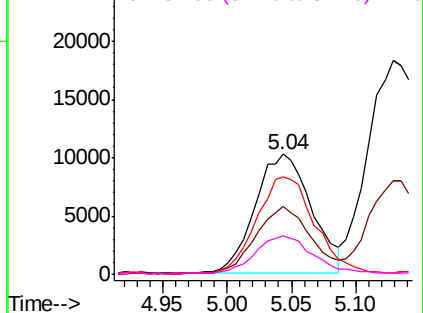
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 16.068 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010294.D

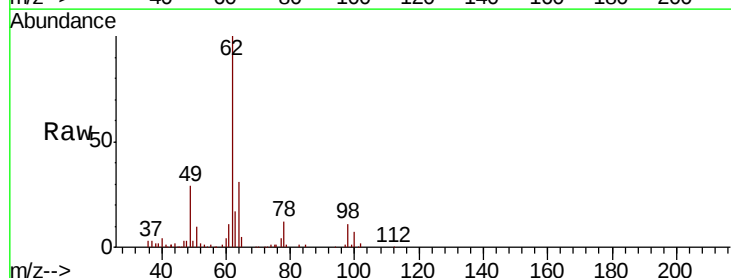
Acq: 14 Jun 2019 12:46

Tgt Ion: 62 Resp: 54879

Ion Ratio Lower Upper

62 100

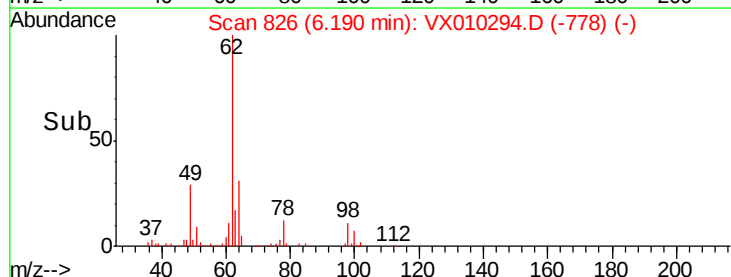
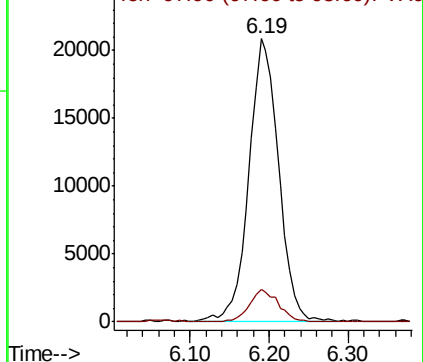
98 11.0 0.0 17.2

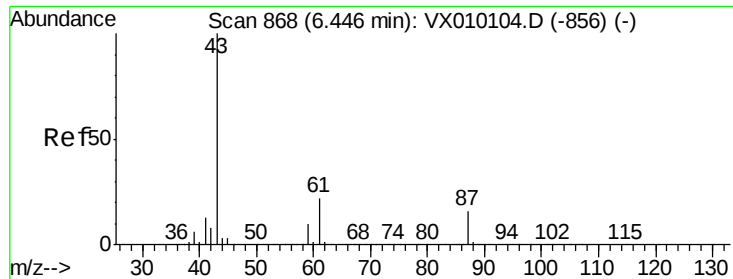


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 16.150 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

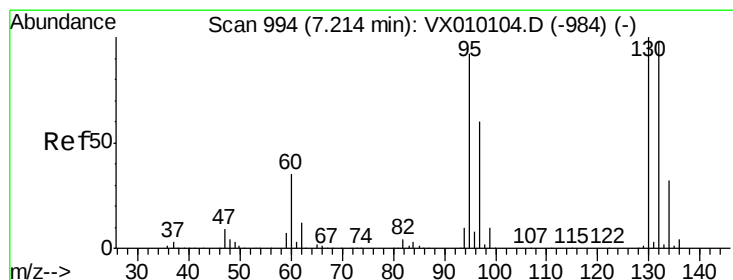
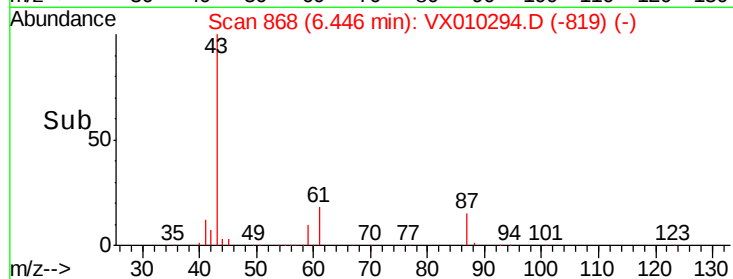
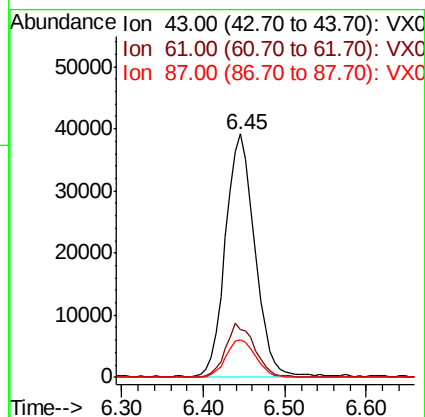
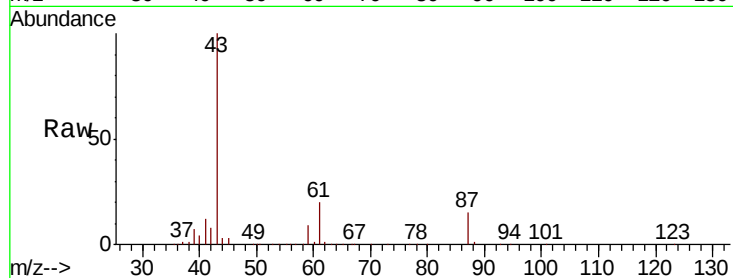
Tgt Ion: 43 Resp: 97208

Ion Ratio Lower Upper

43 100

61 22.1 14.6 21.8#

87 15.8 8.7 13.1#



#44

Trichloroethene

Concen: 16.128 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010294.D

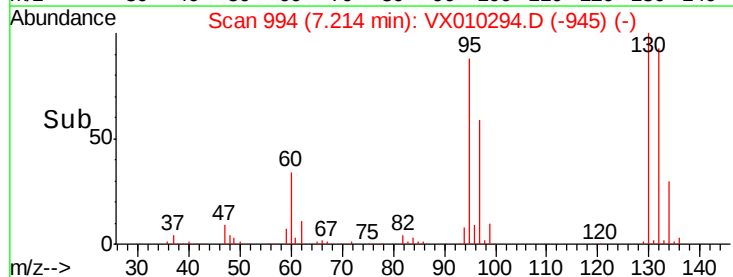
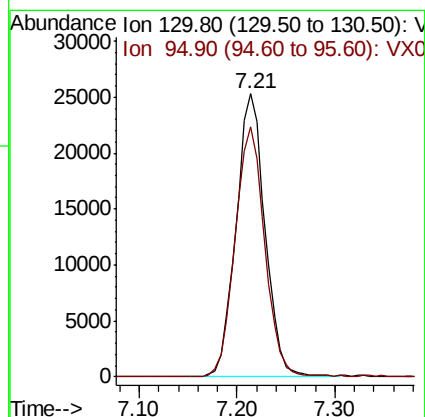
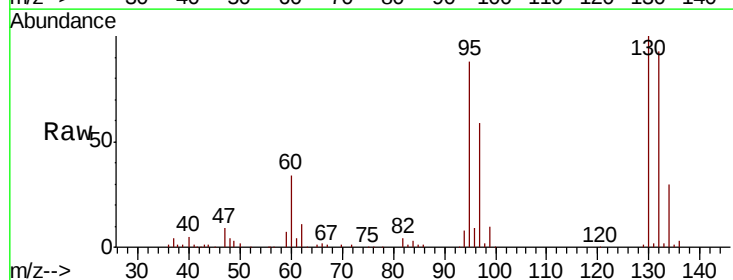
Acq: 14 Jun 2019 12:46

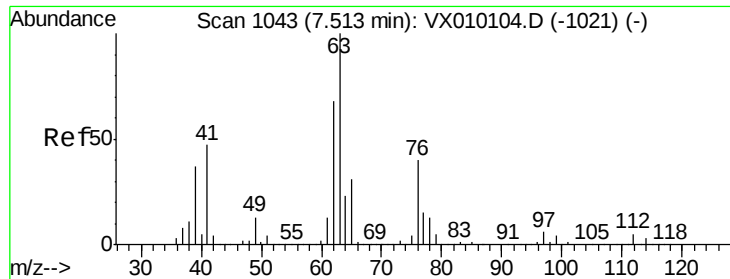
Tgt Ion: 130 Resp: 52011

Ion Ratio Lower Upper

130 100

95 88.1 0.0 207.4





#45

1,2-Dichloropropane

Concen: 16.746 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

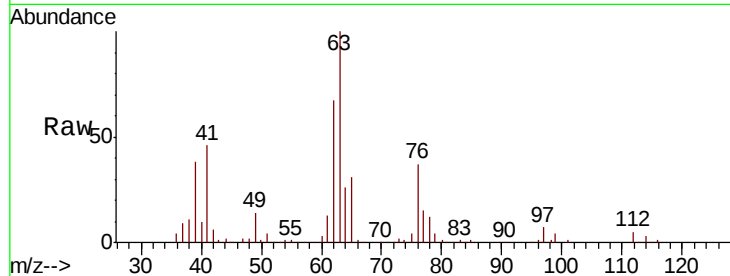
VX0614MBS01

Tgt Ion: 63 Resp: 44841

Ion Ratio Lower Upper

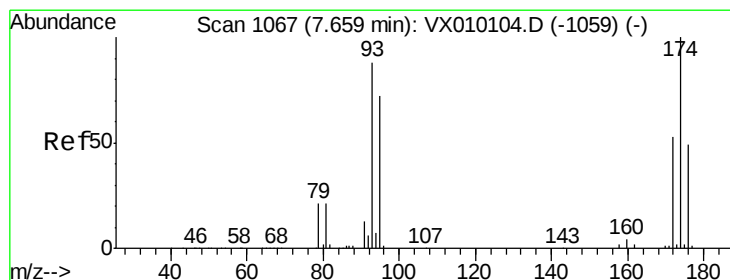
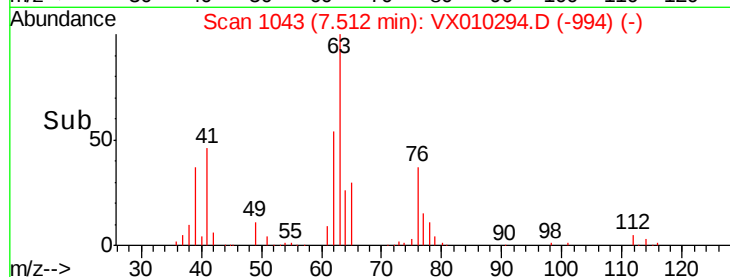
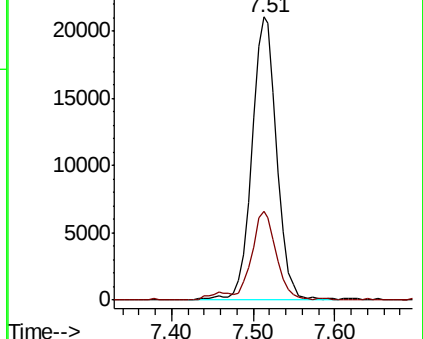
63 100

65 31.2 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 15.290 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

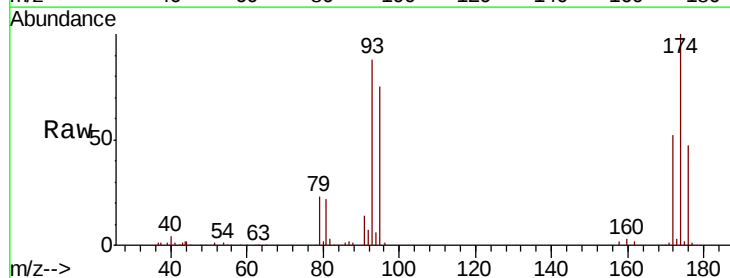
Tgt Ion: 93 Resp: 30673

Ion Ratio Lower Upper

93 100

95 86.2 66.8 100.2

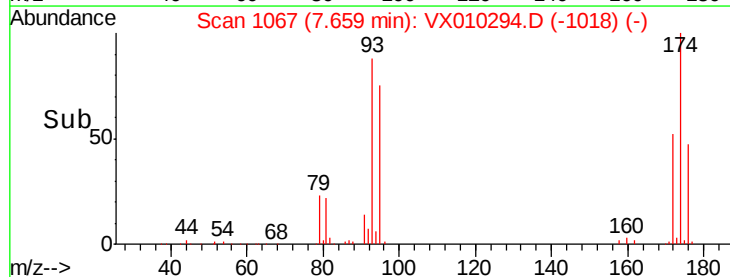
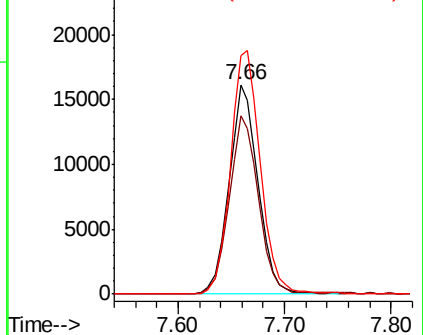
174 120.5 81.9 122.9

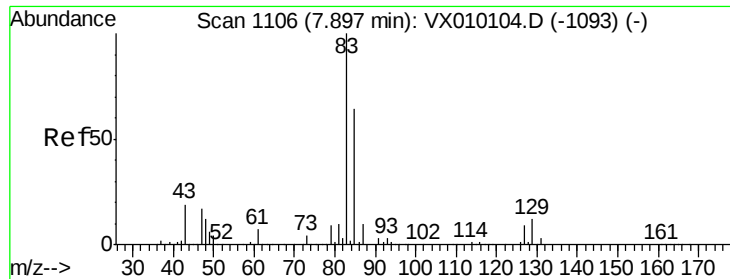


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 15.407 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

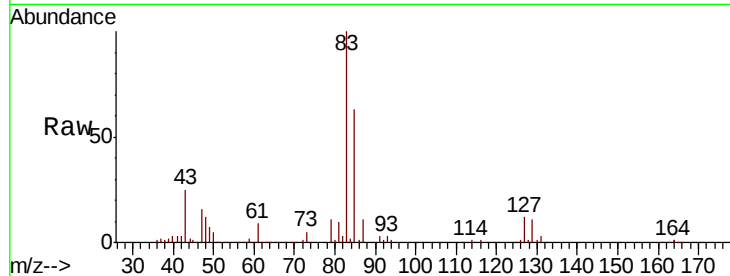
Tgt Ion: 83 Resp: 57757

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.2

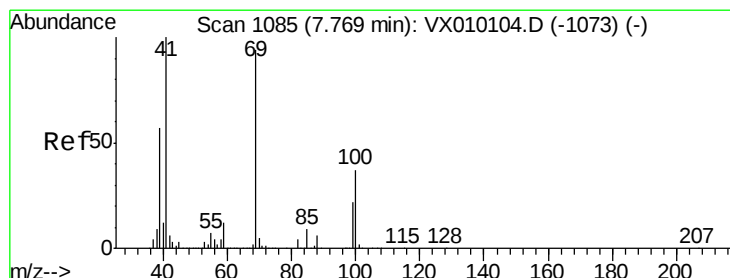
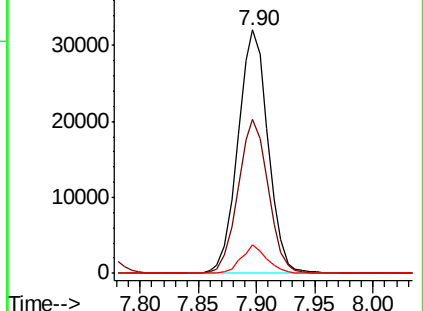
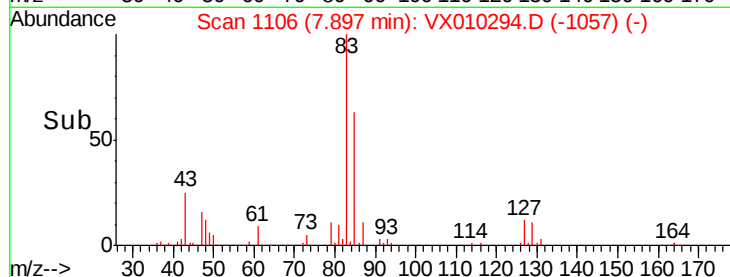
127 11.6 6.4 9.6#



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: 15.882 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

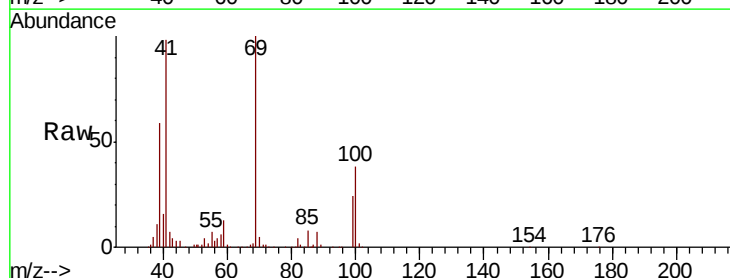
Tgt Ion: 41 Resp: 44705

Ion Ratio Lower Upper

41 100

69 97.3 56.4 84.6#

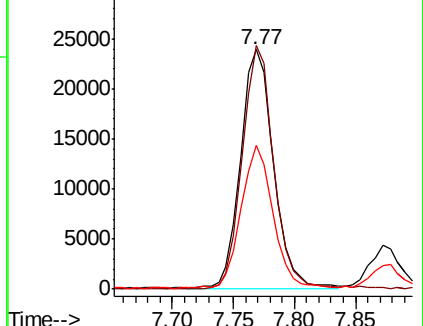
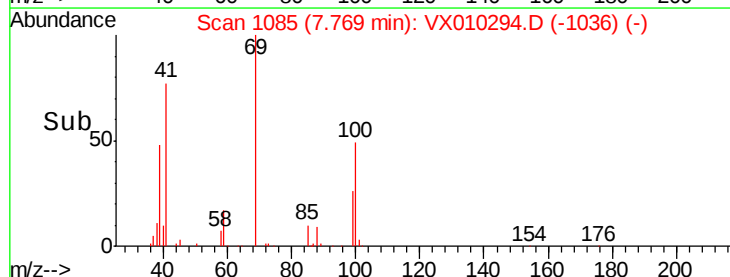
39 57.6 40.6 60.8

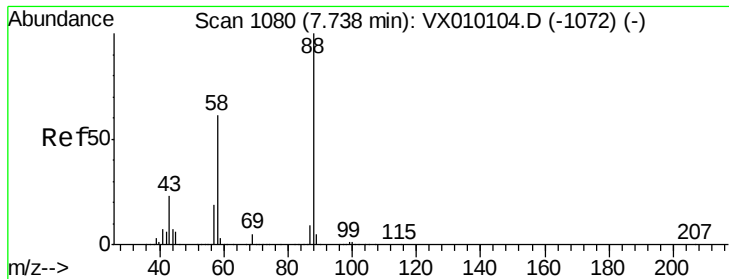


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

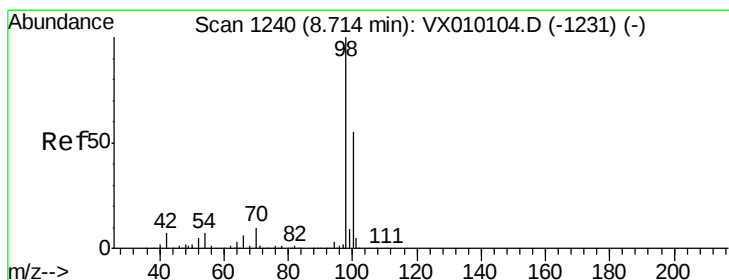
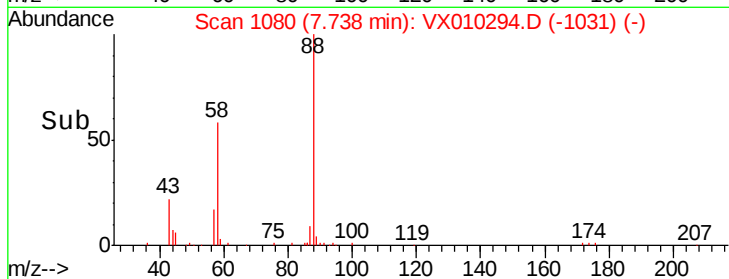
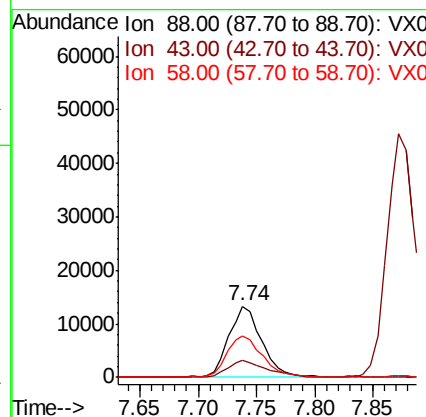
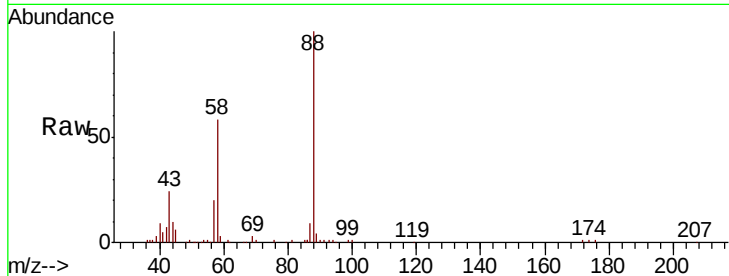




#49
 1,4-Dioxane
 Concen: 324.747 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

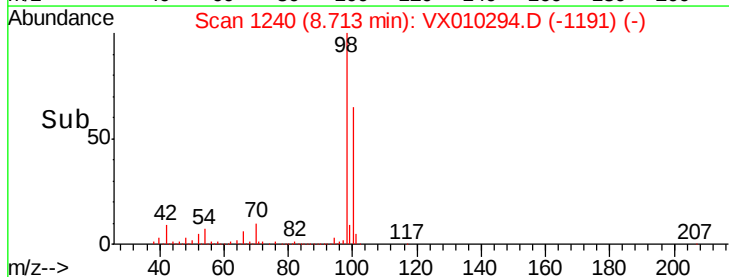
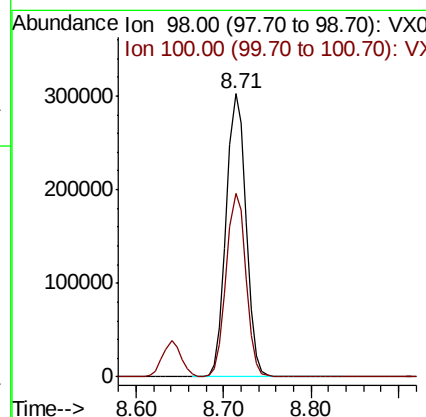
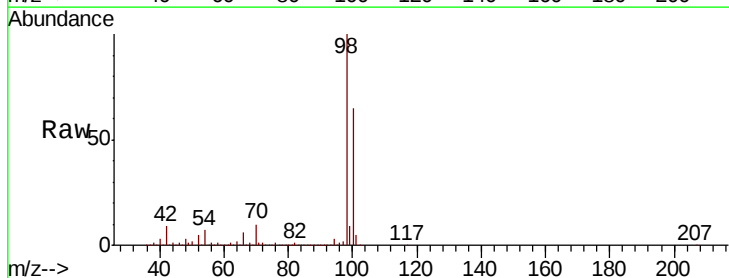
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

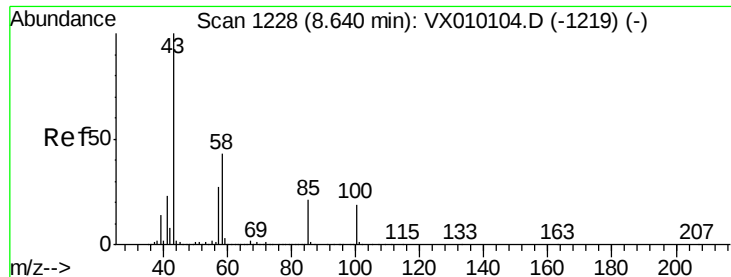
Tgt Ion: 88 Resp: 26063
 Ion Ratio Lower Upper
 88 100
 43 29.6 30.2 45.4#
 58 63.6 64.0 96.0#



#50
 Toluene-d8
 Concen: 48.418 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion: 98 Resp: 474679
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.5 77.3

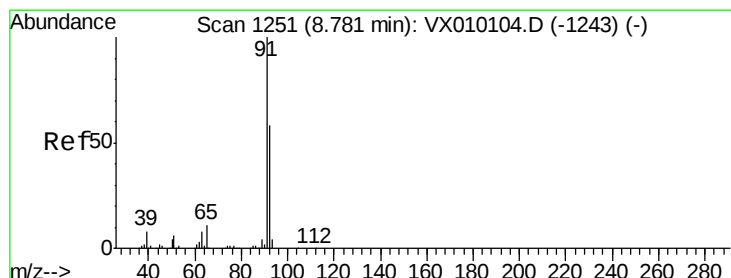
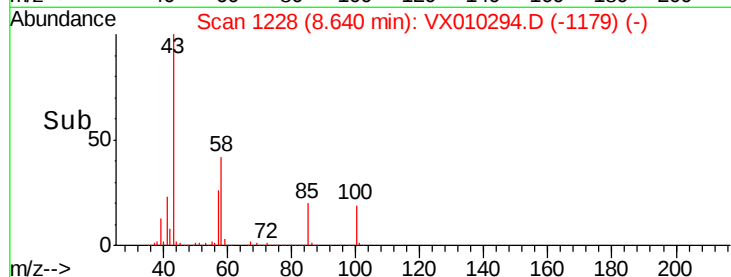
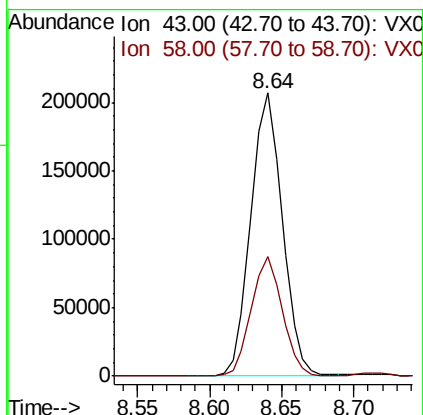
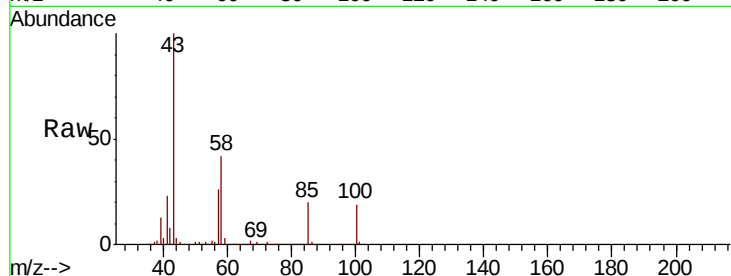




#51
4-Methyl-2-Pentanone
Concen: 87.348 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

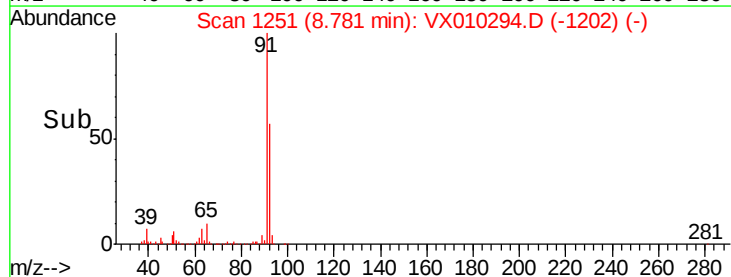
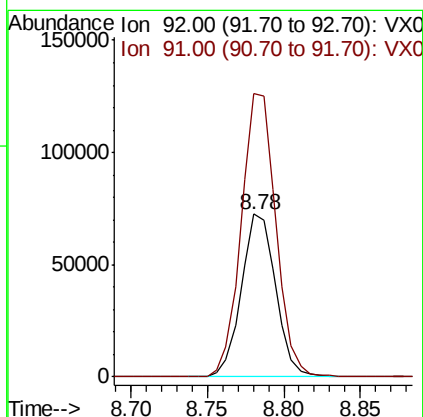
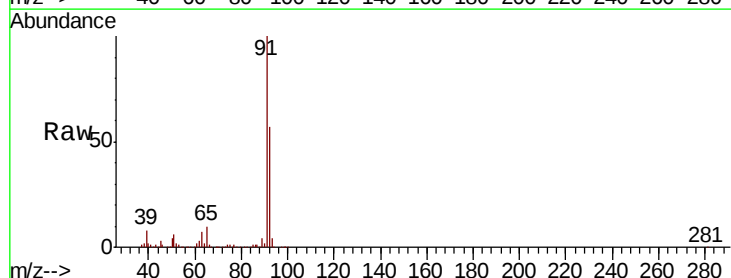
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tgt Ion: 43 Resp: 314081
Ion Ratio Lower Upper
43 100
58 41.6 28.8 43.2



#52
Toluene
Concen: 16.028 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 92 Resp: 112719
Ion Ratio Lower Upper
92 100
91 176.0 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 14.784 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

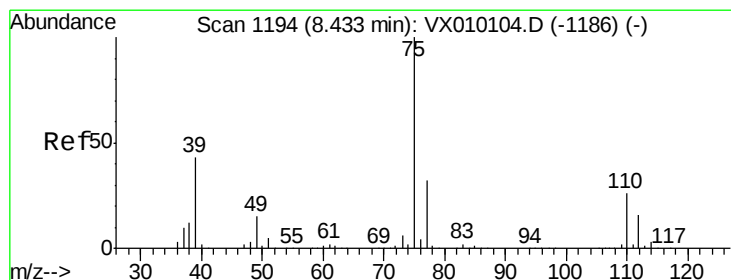
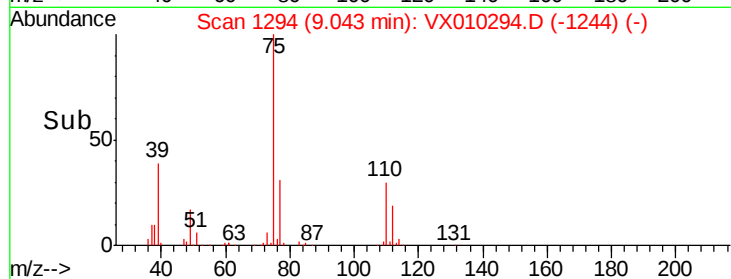
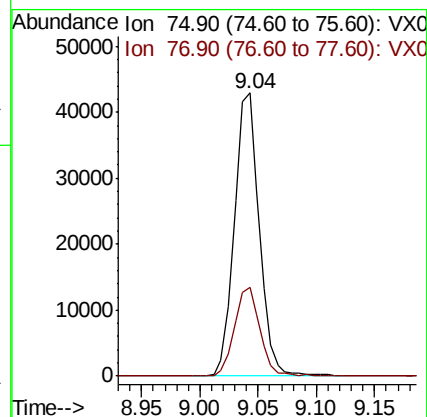
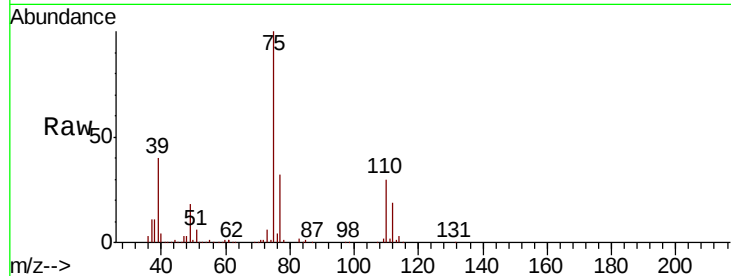
VX0614MBS01

Tgt Ion: 75 Resp: 64101

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 14.934 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

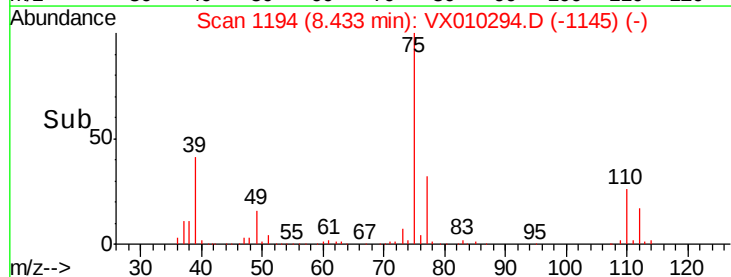
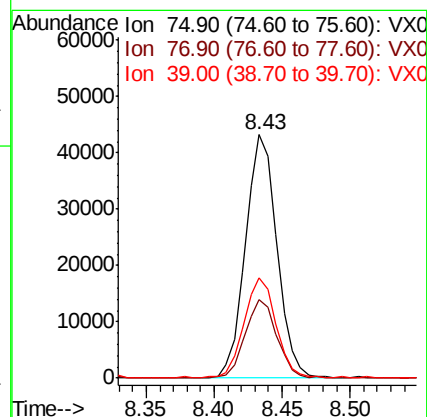
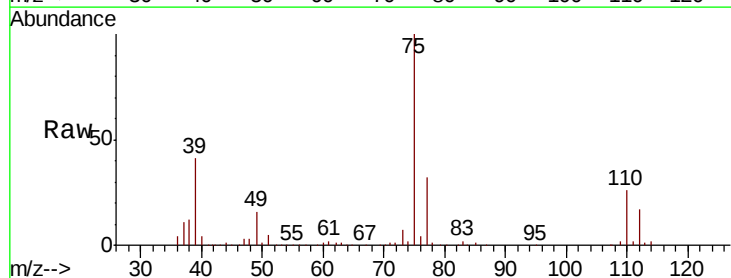
Tgt Ion: 75 Resp: 69417

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 41.1 43.4 65.0#

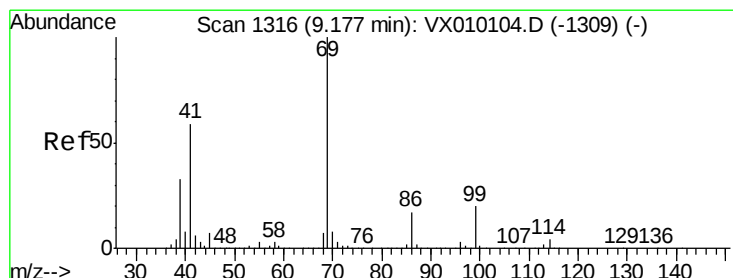
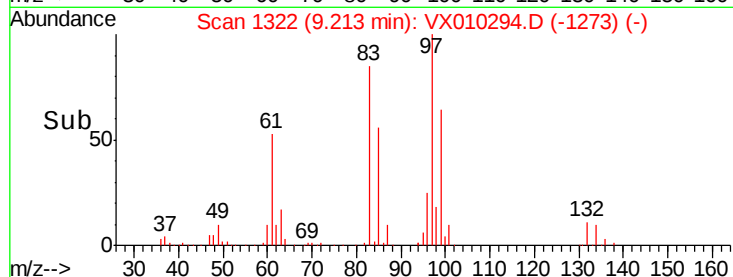
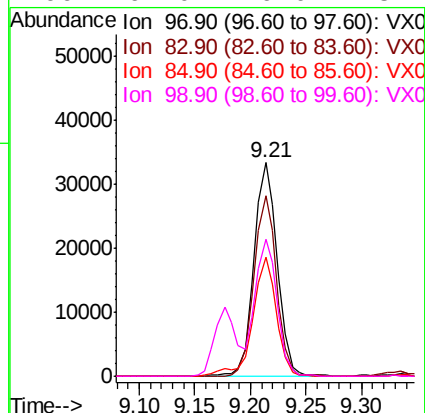
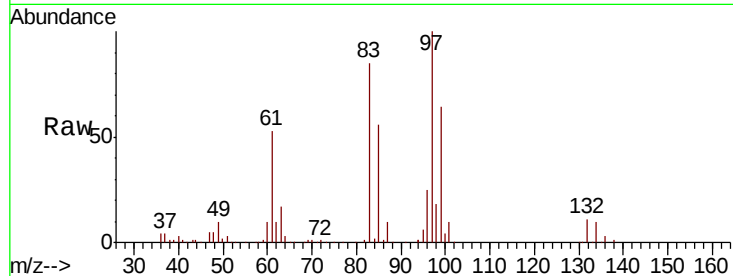




#55
 1,1,2-Trichloroethane
 Concen: 16.861 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

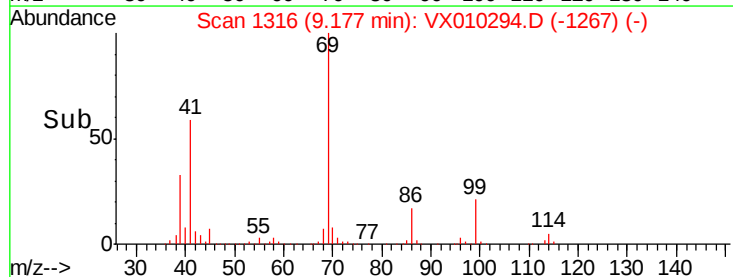
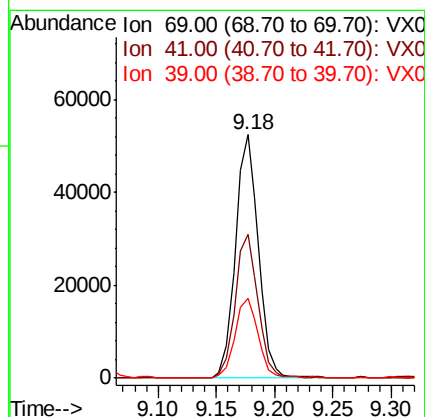
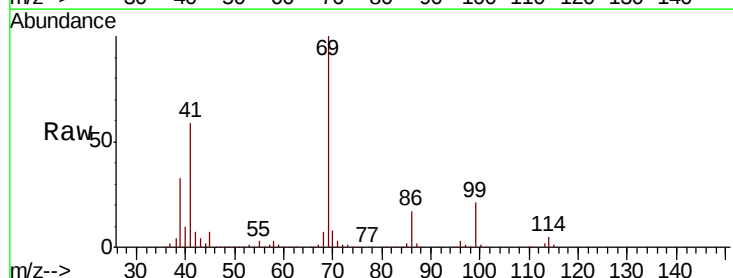
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0614MBS01

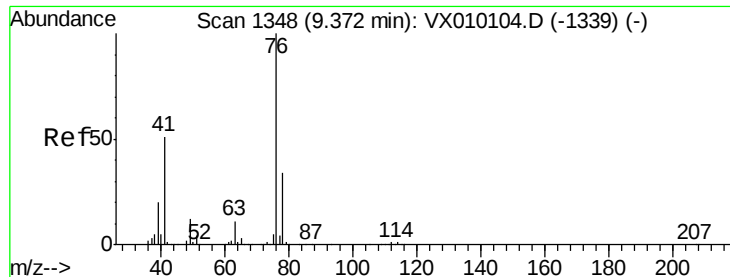
Tgt Ion: 97 Resp: 48563
 Ion Ratio Lower Upper
 97 100
 83 84.7 69.8 104.8
 85 55.5 45.3 67.9
 99 64.0 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 15.837 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion: 69 Resp: 72051
 Ion Ratio Lower Upper
 69 100
 41 58.2 62.7 94.1#
 39 33.1 29.5 44.3





#57

1,3-Dichloropropane

Concen: 16.293 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

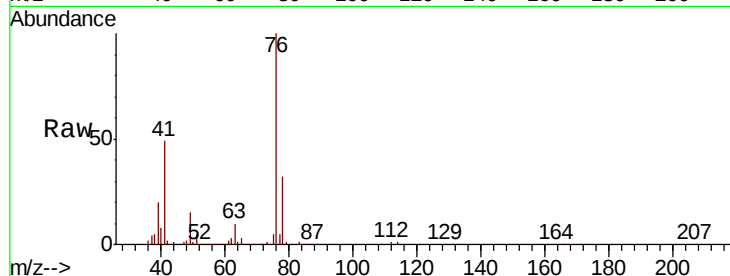
VX0614MBS01

Tgt Ion: 76 Resp: 73878

Ion Ratio Lower Upper

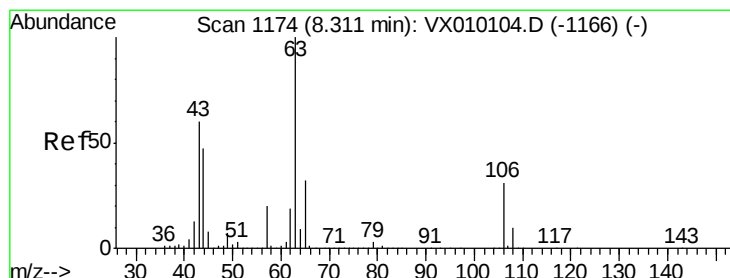
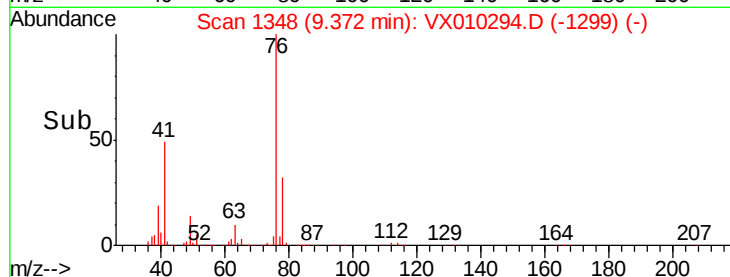
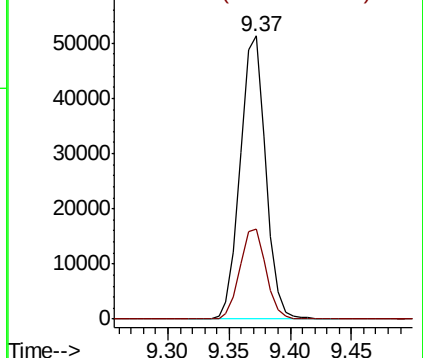
76 100

78 32.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.423 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010294.D

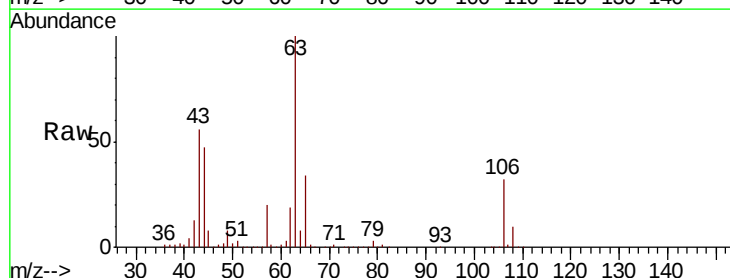
Acq: 14 Jun 2019 12:46

Tgt Ion: 63 Resp: 202521

Ion Ratio Lower Upper

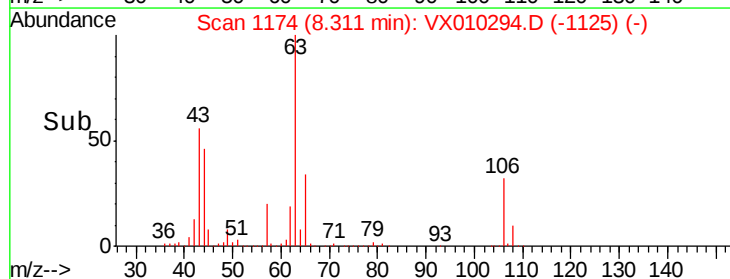
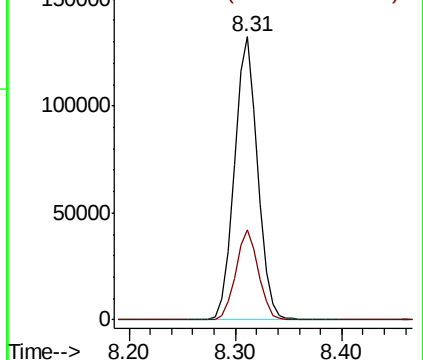
63 100

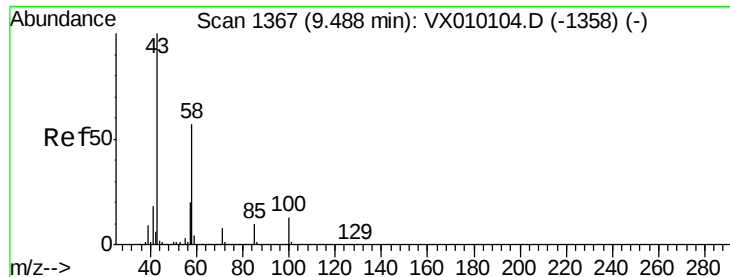
106 31.2 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

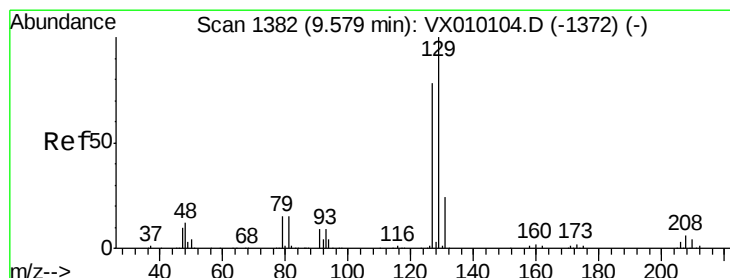
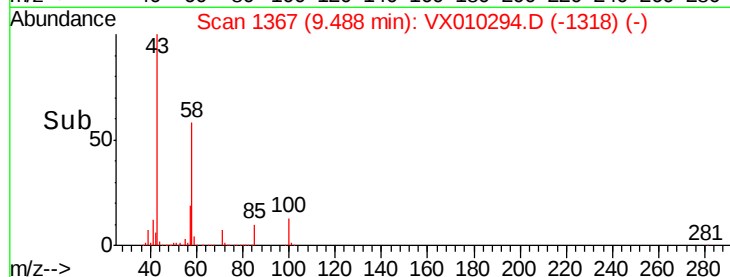
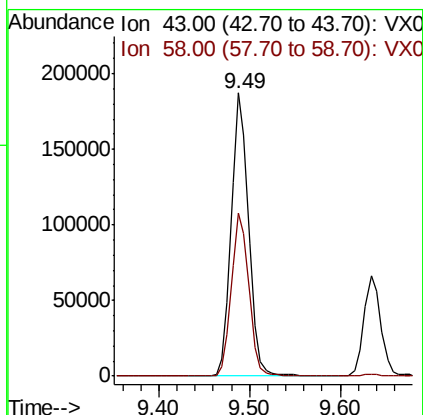
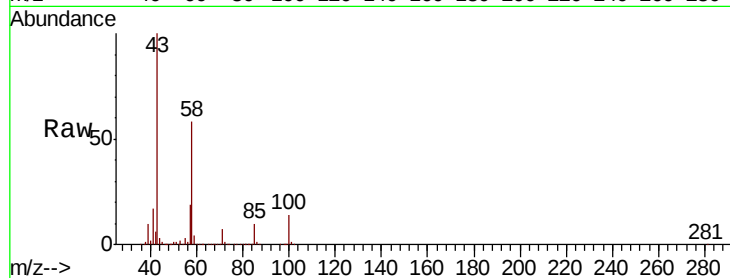




#59
2-Hexanone
Concen: 86.505 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

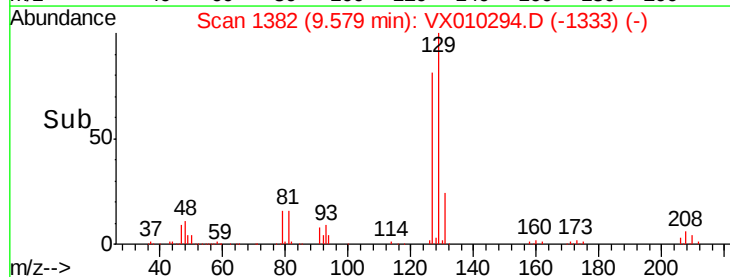
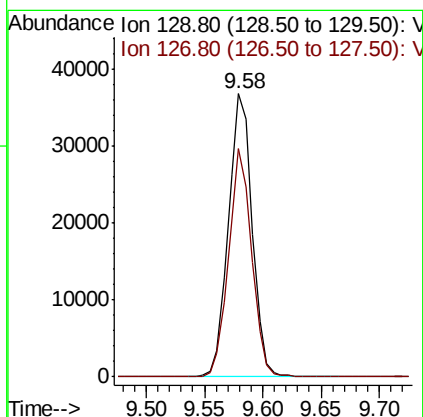
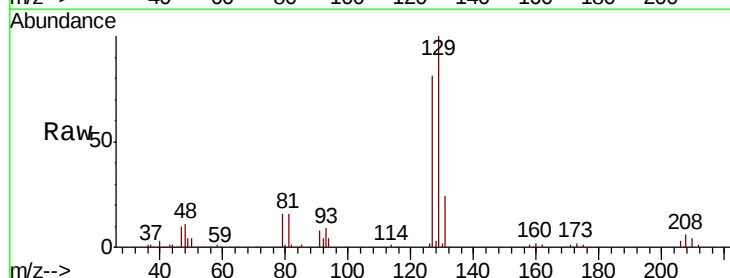
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

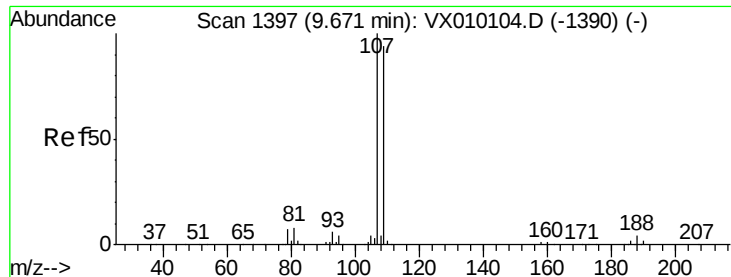
Tgt Ion: 43 Resp: 248002
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3



#60
Dibromochloromethane
Concen: 15.310 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 129 Resp: 52156
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 15.747 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

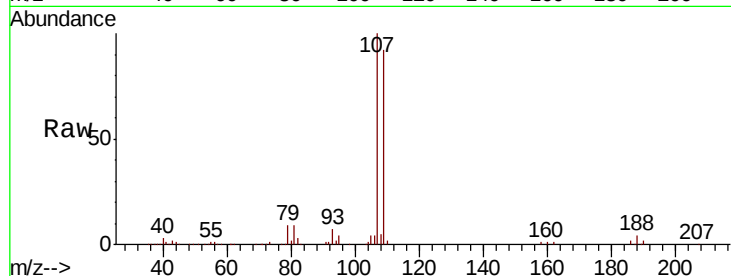
VX0614MBS01

Tgt Ion: 107 Resp: 50514

Ion Ratio Lower Upper

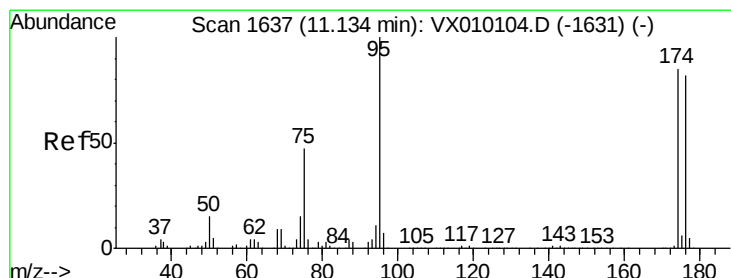
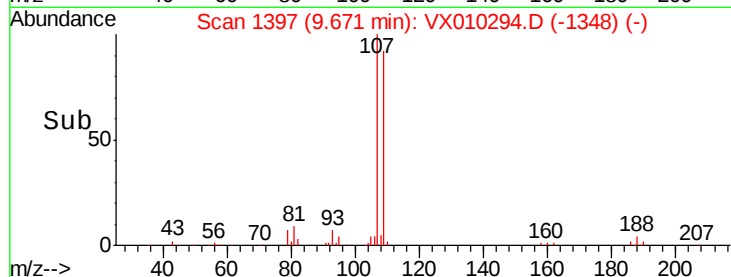
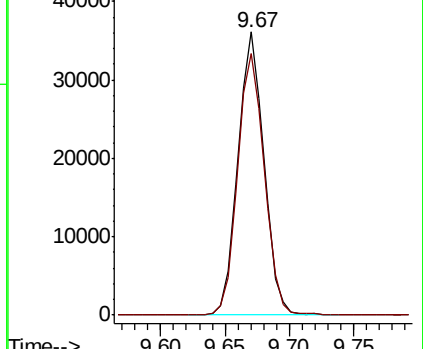
107 100

109 95.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

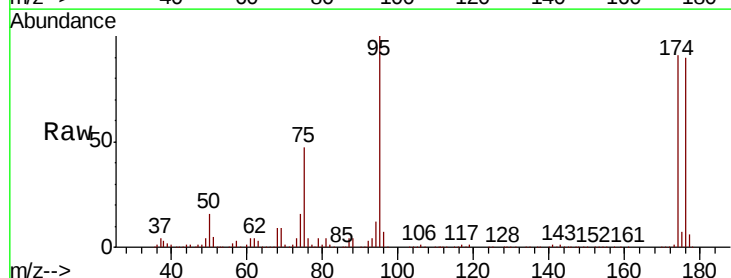
Tgt Ion: 95 Resp: 170261

Ion Ratio Lower Upper

95 100

174 93.2 0.0 160.4

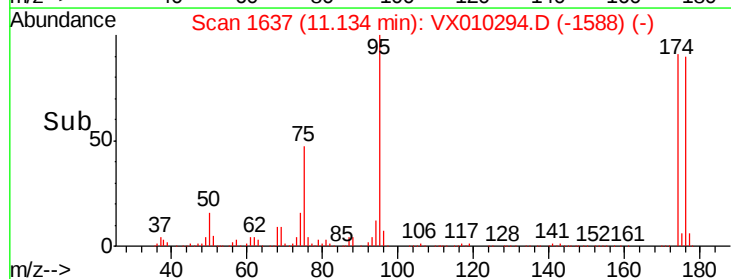
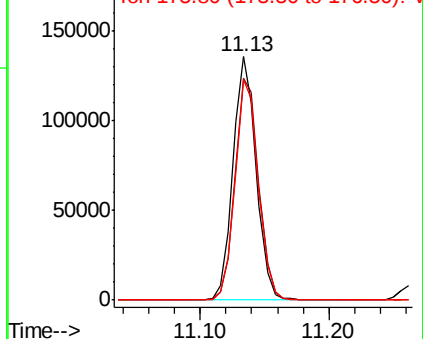
176 90.5 0.0 154.6

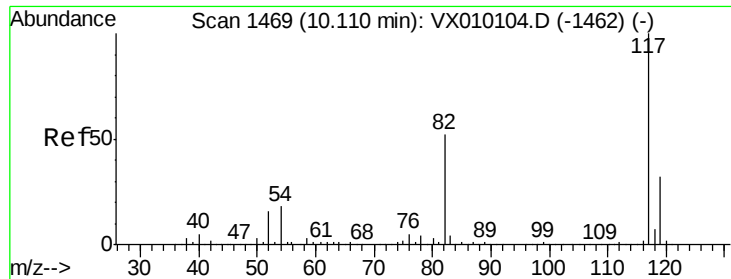


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

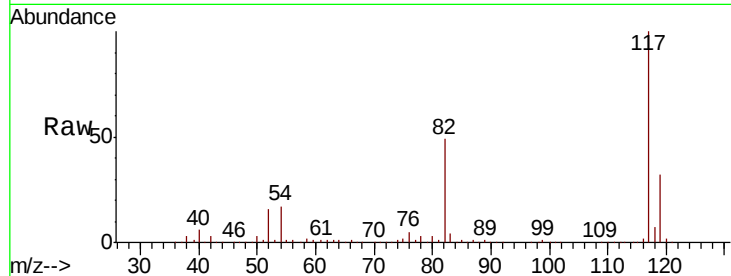




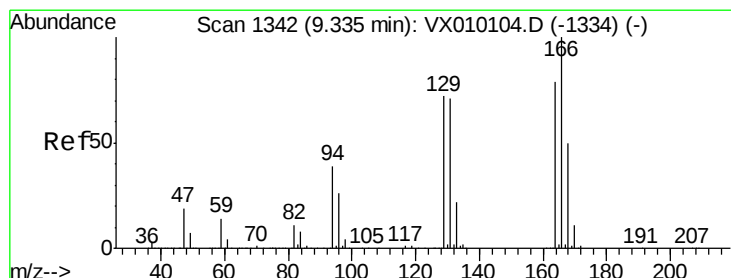
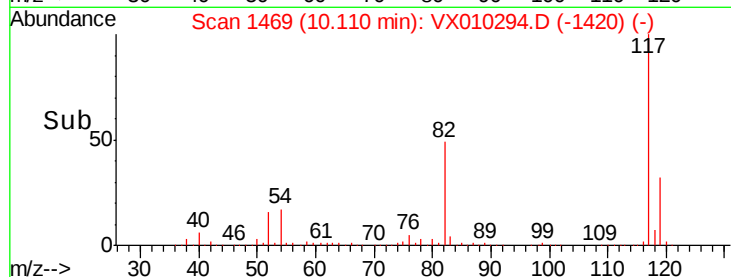
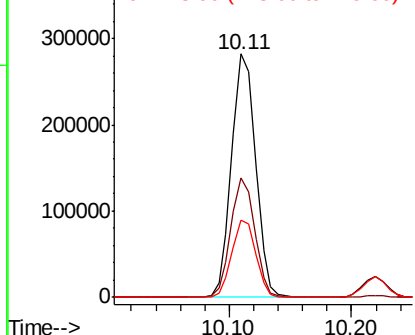
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tgt Ion:117 Resp: 383562
Ion Ratio Lower Upper
117 100
82 49.3 49.2 73.8
119 31.9 25.2 37.8

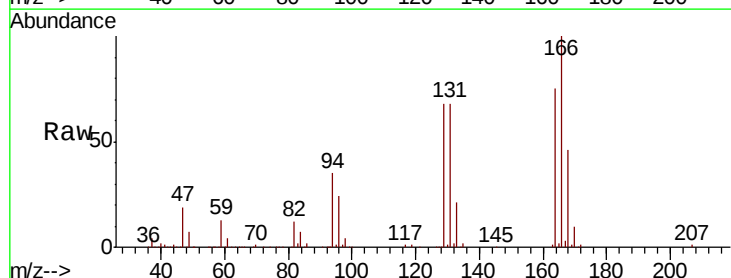


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

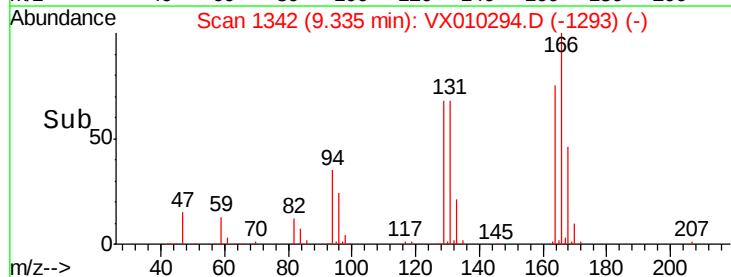
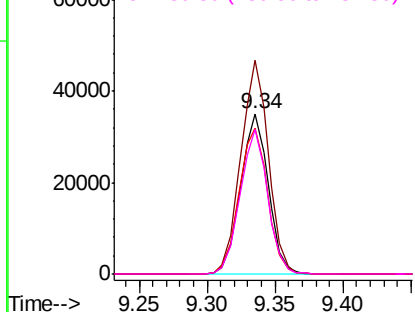


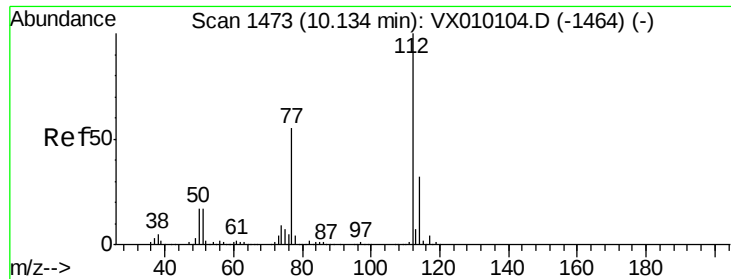
#64
Tetrachloroethene
Concen: 17.486 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion:164 Resp: 49813
Ion Ratio Lower Upper
164 100
166 133.2 105.0 157.4
129 91.1 75.1 112.7
131 90.2 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

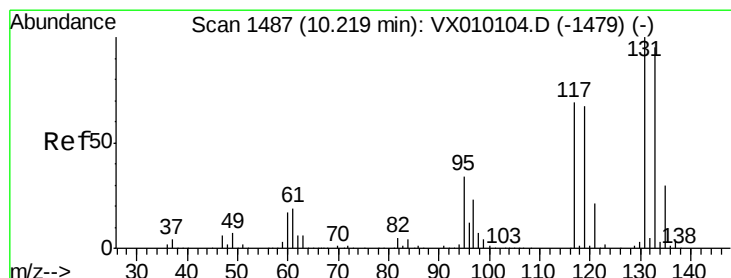
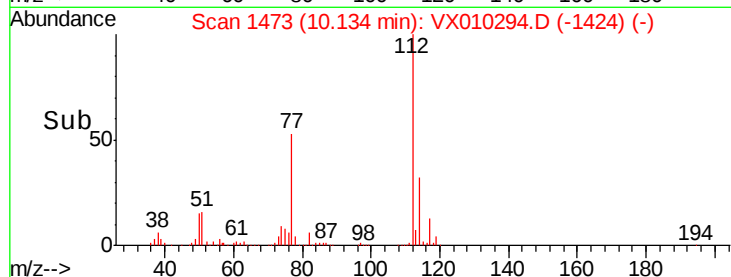
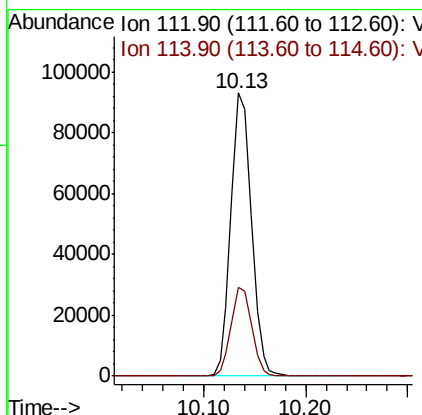
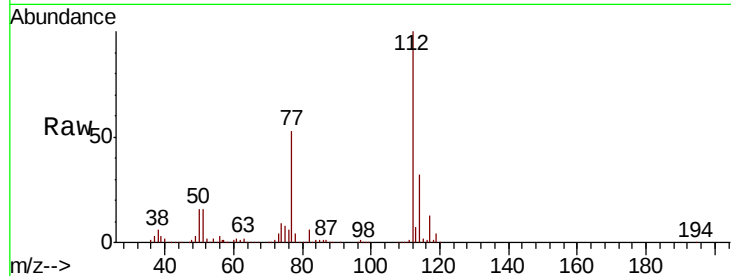




#65
Chlorobenzene
Concen: 16.409 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

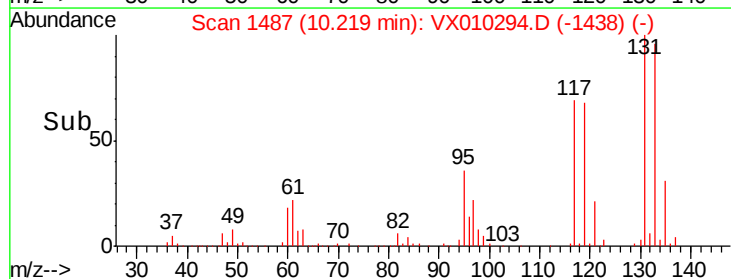
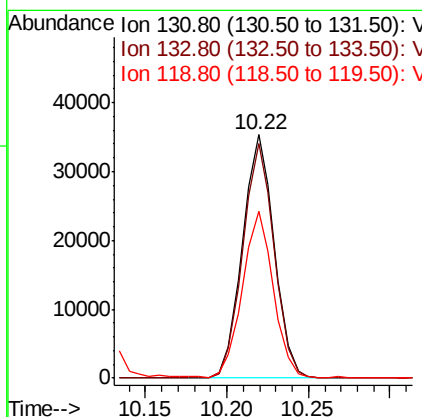
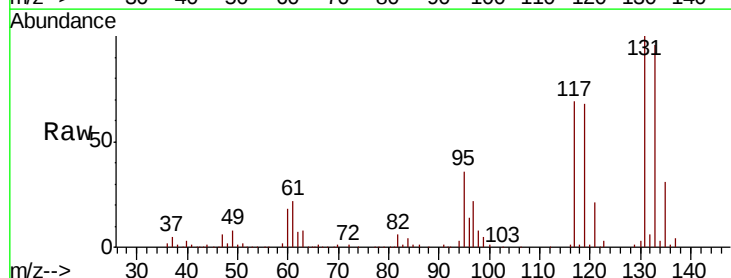
Instrument :
MSVOA_X
ClientSampled :
VX0614MBS01

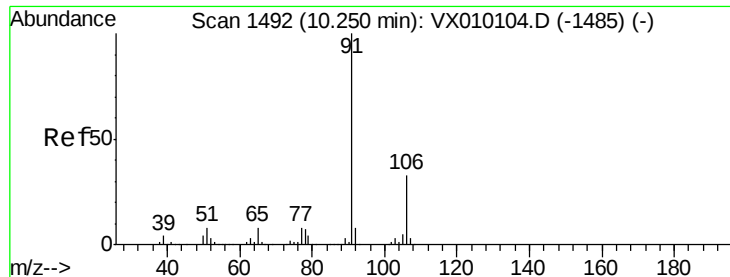
Tgt Ion:112 Resp: 129901
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 15.705 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion:131 Resp: 47810
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 67.2 33.4 100.1





#67

Ethyl Benzene

Concen: 16.053 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

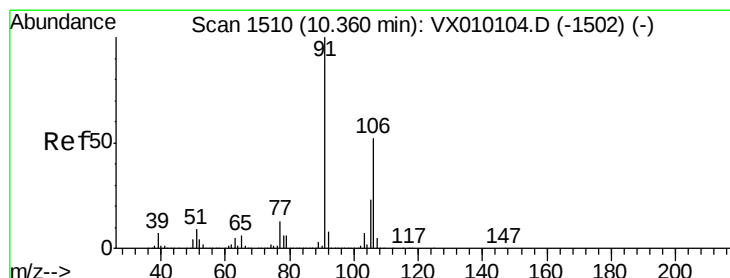
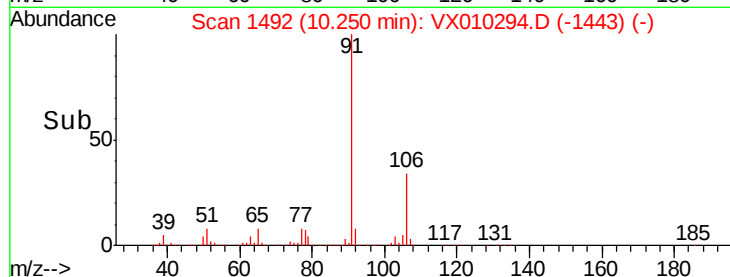
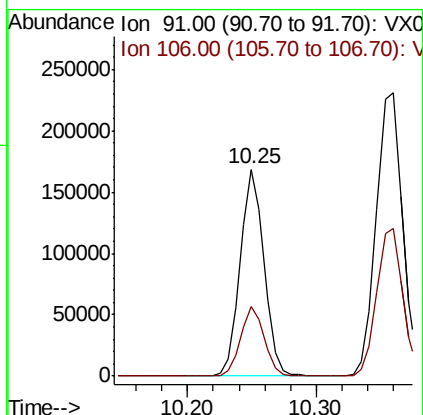
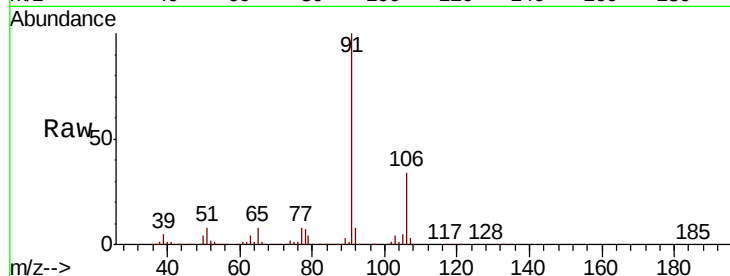
VX0614MBS01

Tgt Ion: 91 Resp: 216339

Ion Ratio Lower Upper

91 100

106 33.9 23.9 35.9



#68

m/p-Xylenes

Concen: 32.263 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010294.D

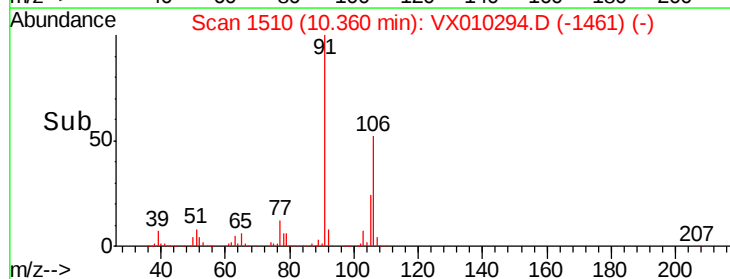
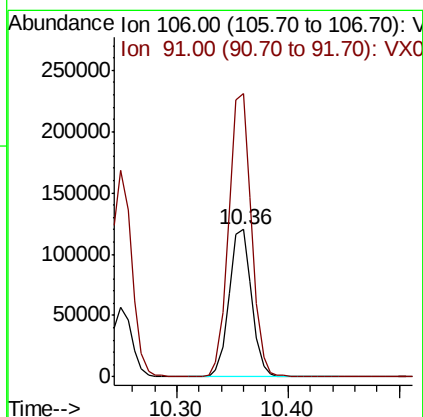
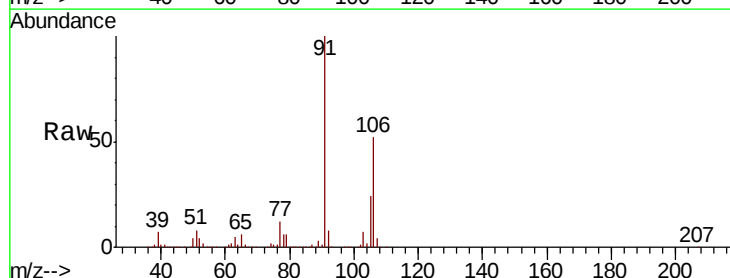
Acq: 14 Jun 2019 12:46

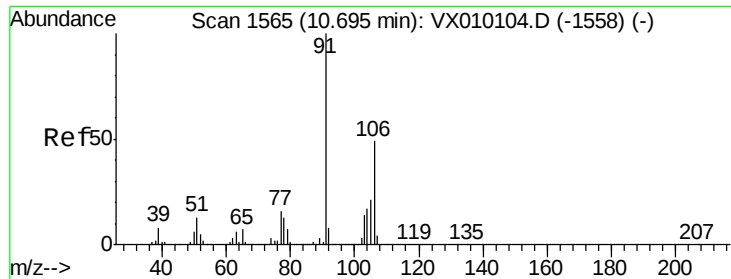
Tgt Ion: 106 Resp: 168252

Ion Ratio Lower Upper

106 100

91 193.2 167.3 250.9

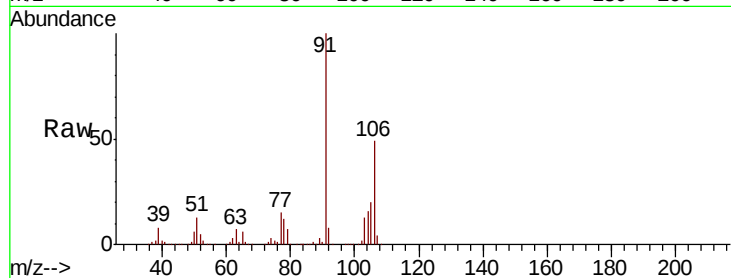




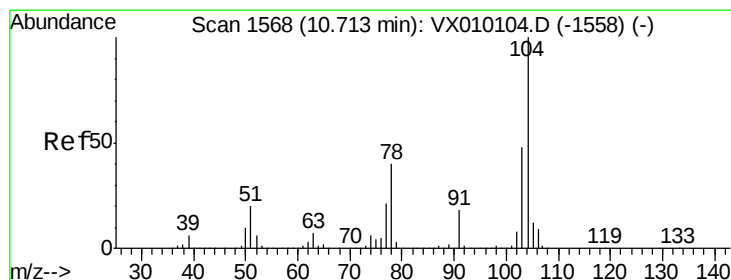
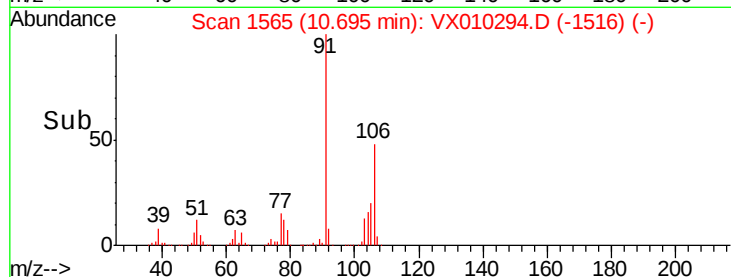
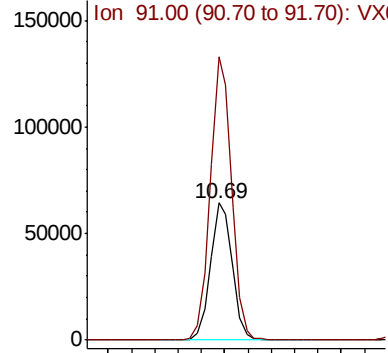
#69
o-Xylene
Concen: 16.190 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampled :
VX0614MBS01

Tgt Ion:106 Resp: 83928
Ion Ratio Lower Upper
106 100
91 202.7 110.4 331.2

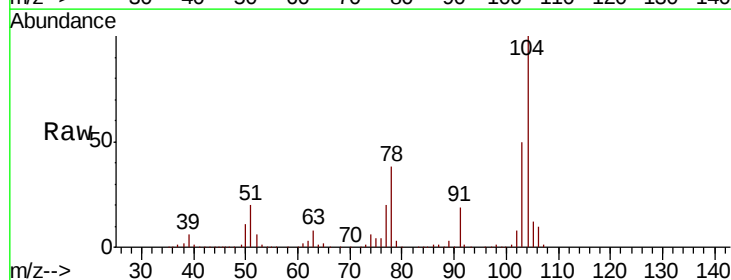


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

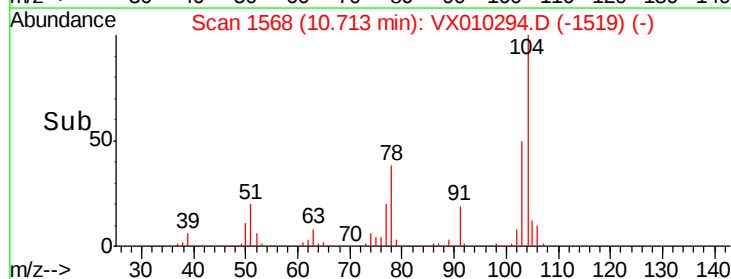
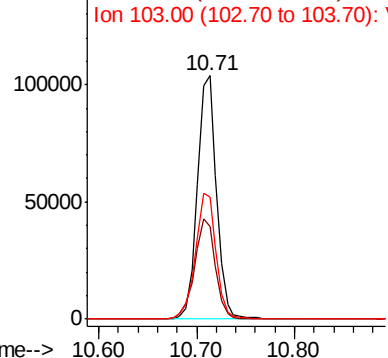


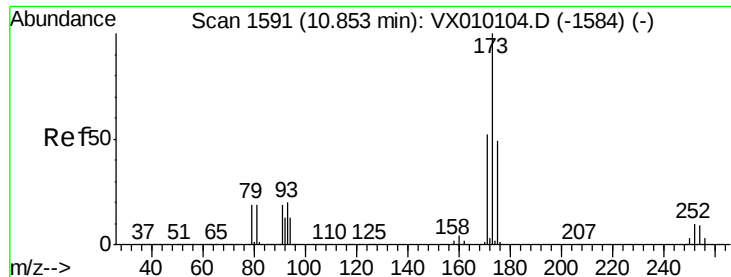
#70
Styrene
Concen: 16.030 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion:104 Resp: 140738
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 55.5 44.1 66.1



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: 14.657 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

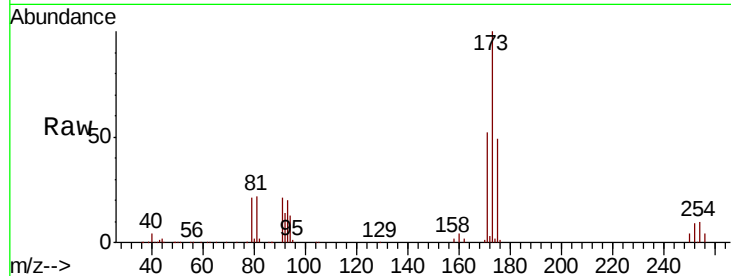
Tgt Ion:173 Resp: 41021

Ion Ratio Lower Upper

173 100

175 49.1 25.0 75.0

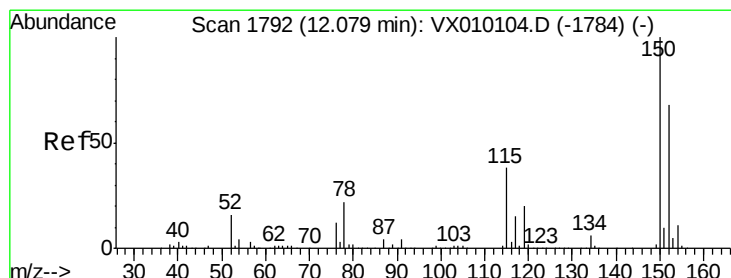
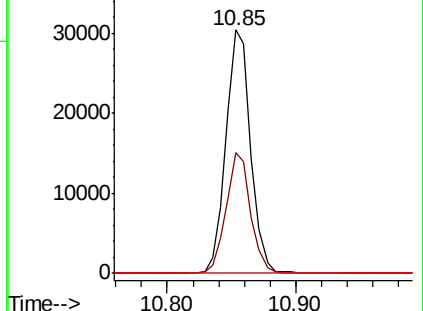
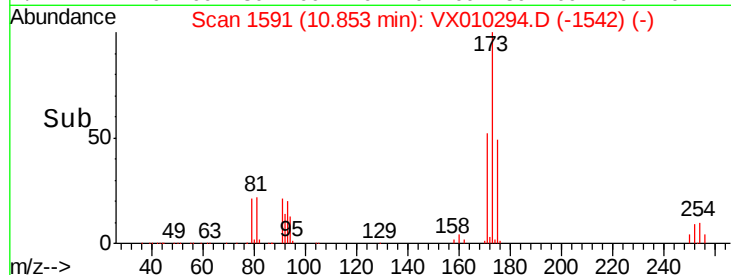
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

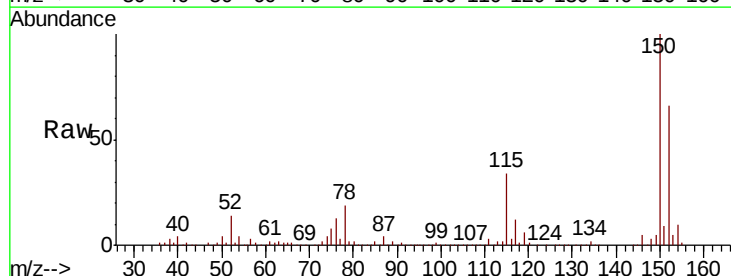
Tgt Ion:152 Resp: 193818

Ion Ratio Lower Upper

152 100

115 61.4 41.4 124.2

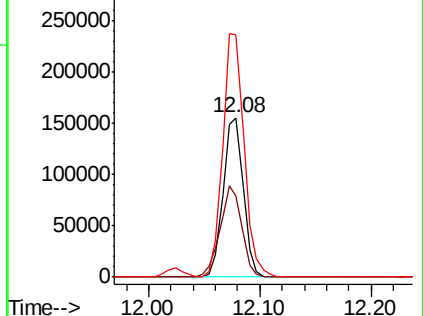
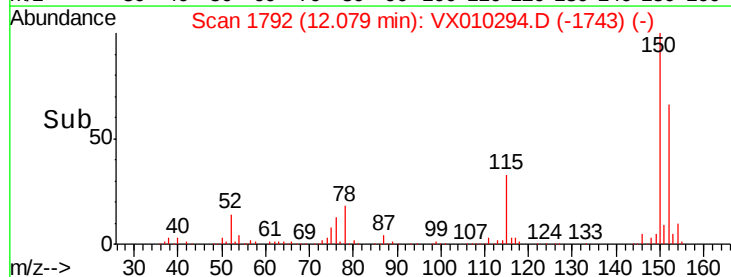
150 162.1 0.0 345.2

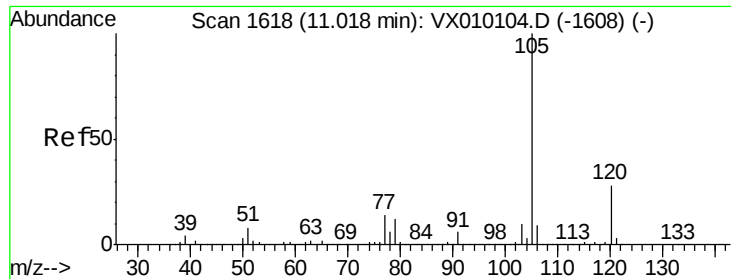


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 15.990 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

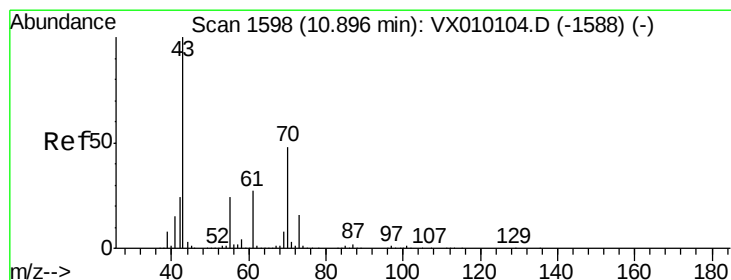
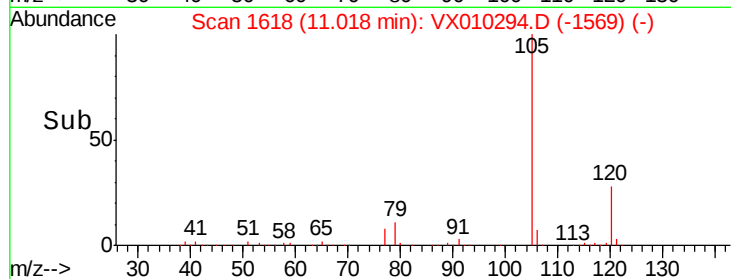
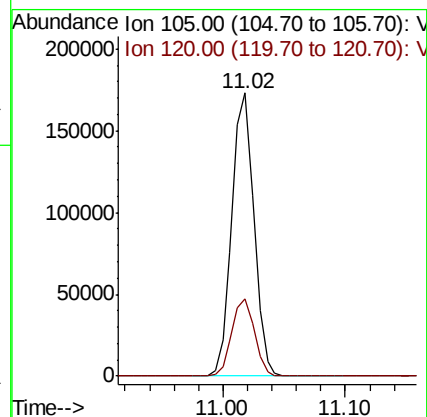
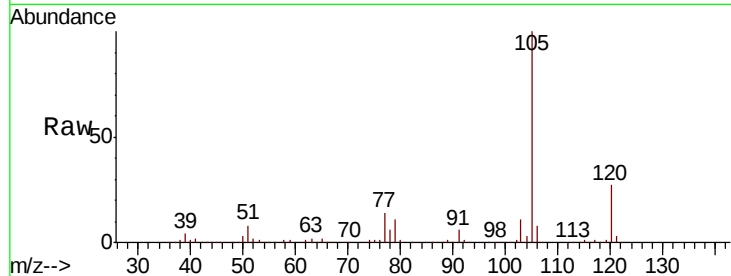
VX0614MBS01

Tgt Ion: 105 Resp: 216338

Ion Ratio Lower Upper

105 100

120 27.9 12.8 38.4



#74

N-ethyl acetate

Concen: 15.609 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion: 43 Resp: 83482

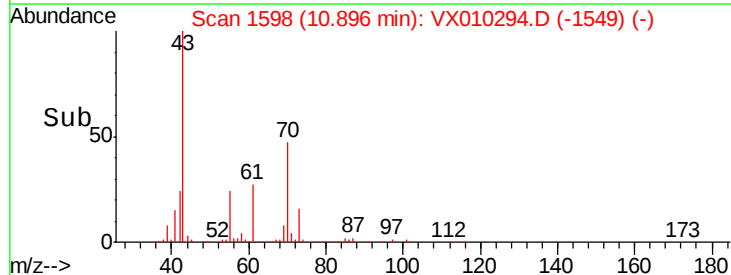
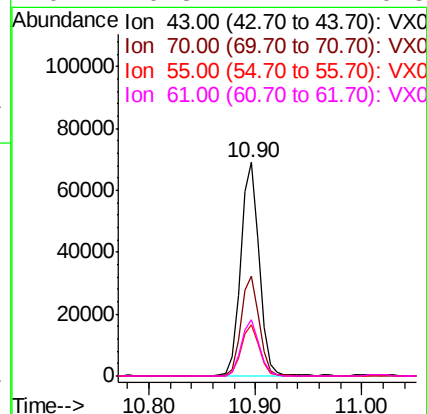
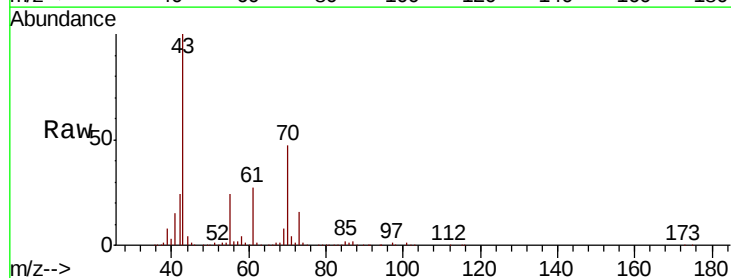
Ion Ratio Lower Upper

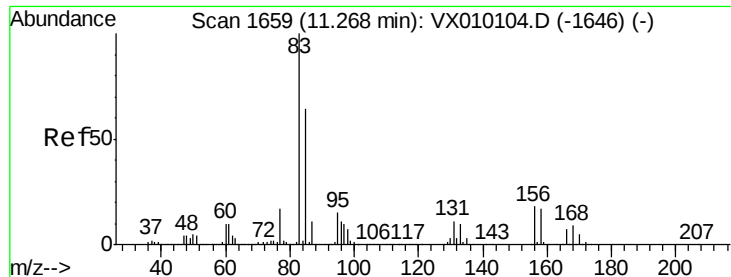
43 100

70 46.8 28.6 43.0#

55 24.1 17.8 26.8

61 26.3 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.455 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

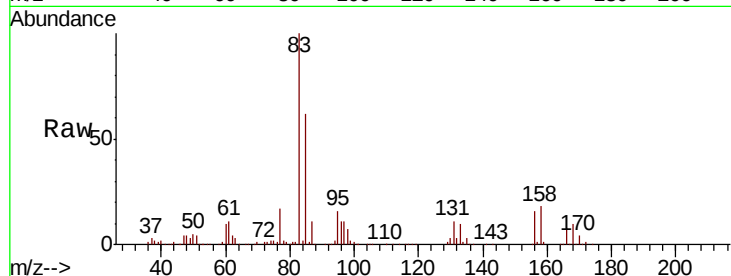
Tgt Ion: 83 Resp: 76208

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

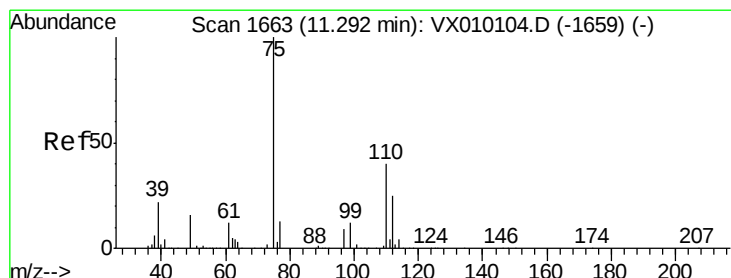
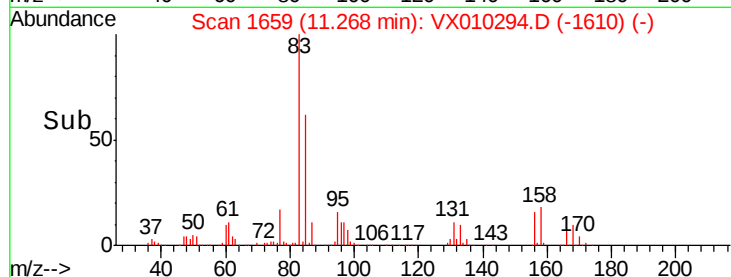
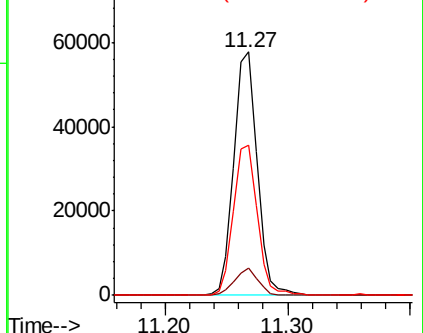
85 63.1 31.9 95.9



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: 21.442 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010294.D

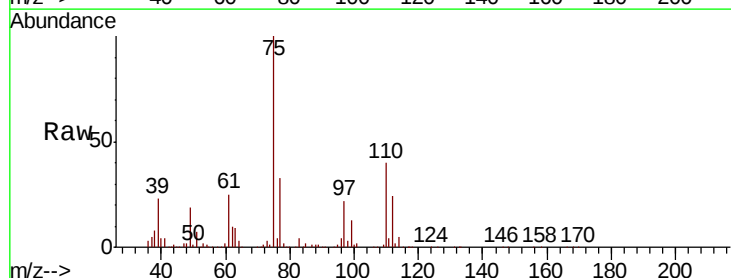
Acq: 14 Jun 2019 12:46

Tgt Ion: 75 Resp: 83124

Ion Ratio Lower Upper

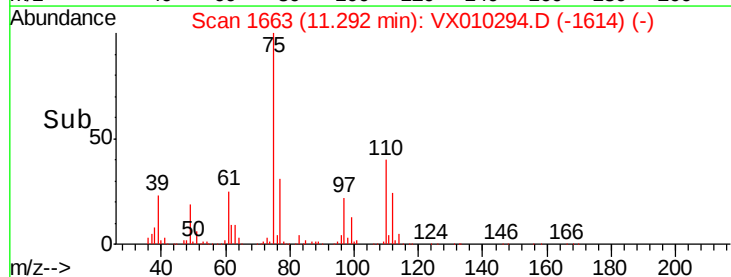
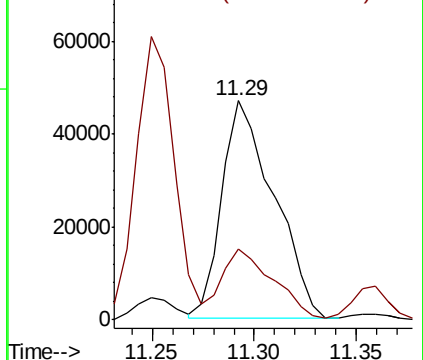
75 100

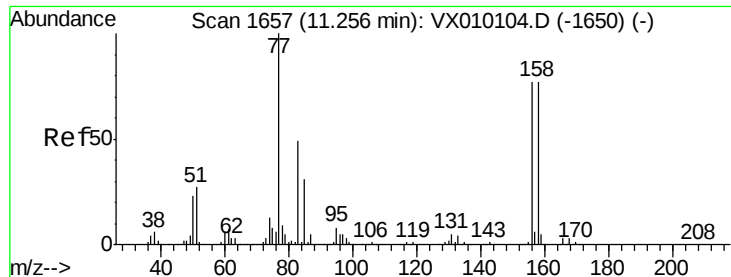
77 32.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.091 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

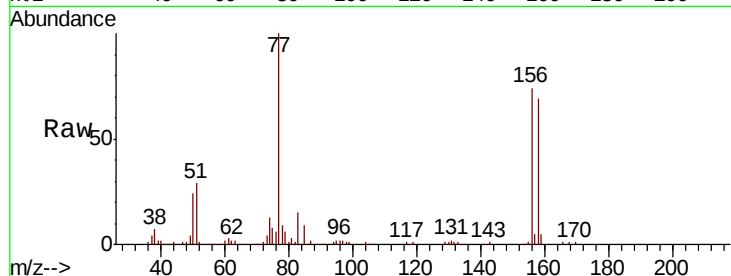
Tgt Ion:156 Resp: 59869

Ion Ratio Lower Upper

156 100

77 132.4 86.8 260.3

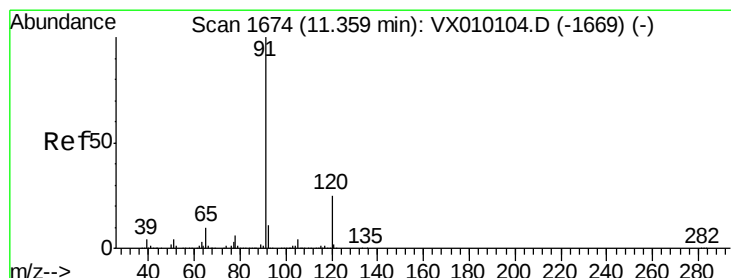
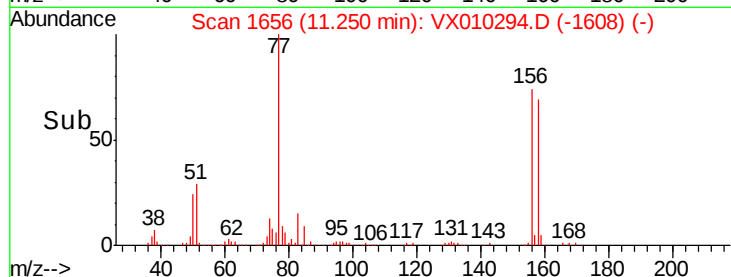
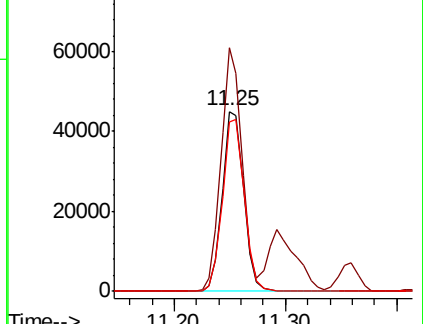
158 96.9 49.6 148.8



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: 15.819 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010294.D

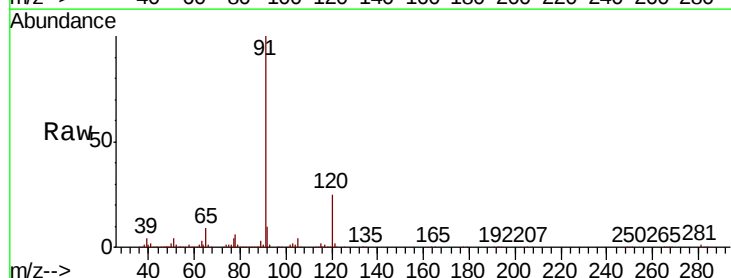
Acq: 14 Jun 2019 12:46

Tgt Ion: 91 Resp: 238279

Ion Ratio Lower Upper

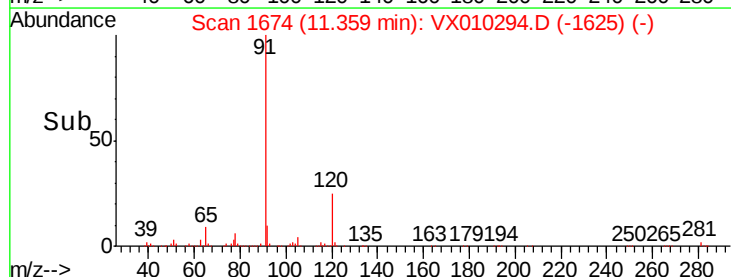
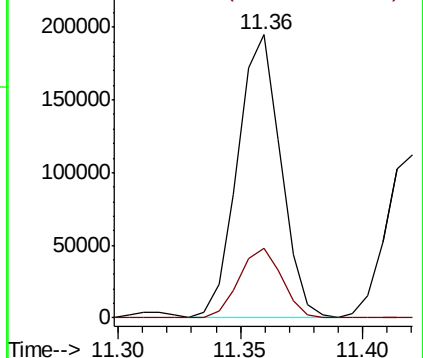
91 100

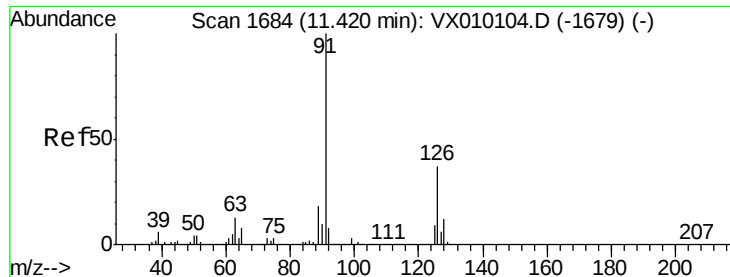
120 24.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.586 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

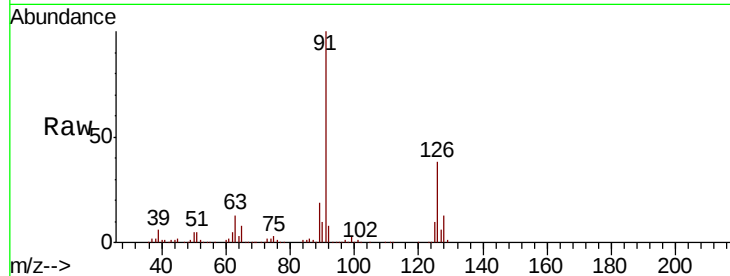
VX0614MBS01

Tgt Ion: 91 Resp: 141000

Ion Ratio Lower Upper

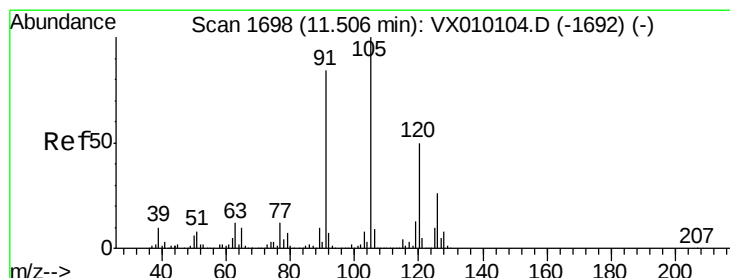
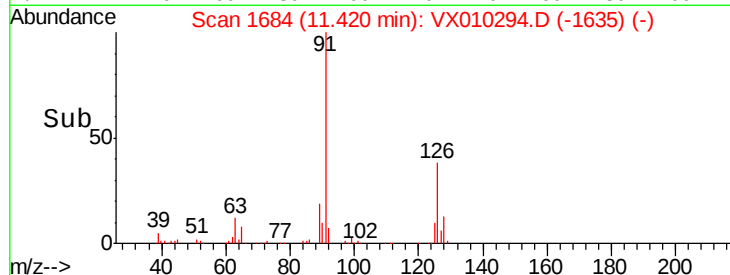
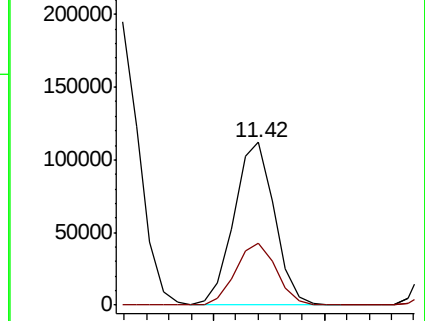
91 100

126 38.4 16.1 48.3



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: 15.767 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010294.D

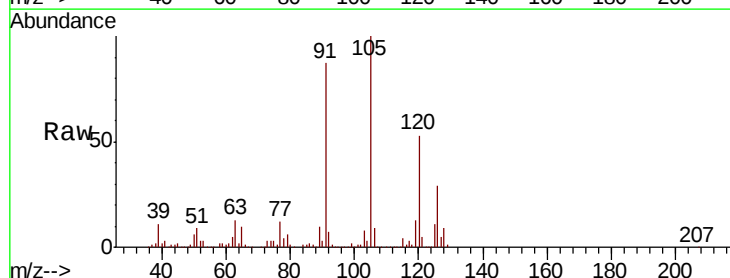
Acq: 14 Jun 2019 12:46

Tgt Ion: 105 Resp: 179681

Ion Ratio Lower Upper

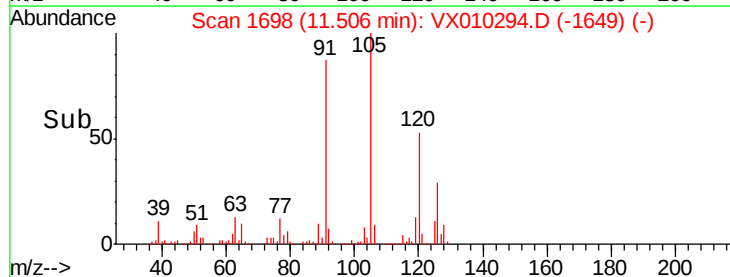
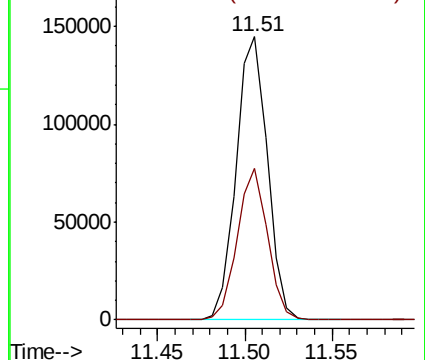
105 100

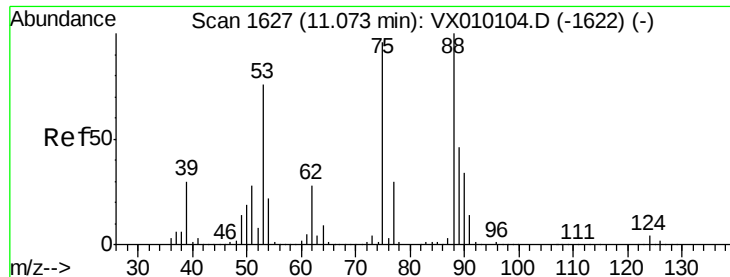
120 51.8 24.1 72.3



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: 13.708 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

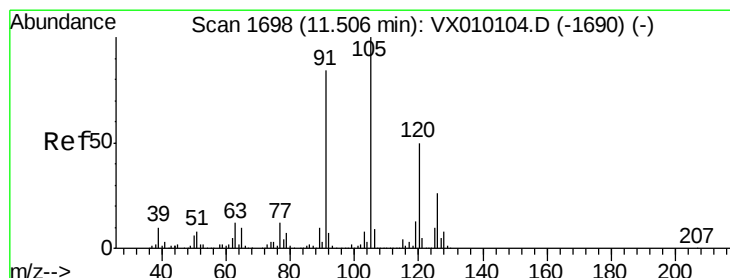
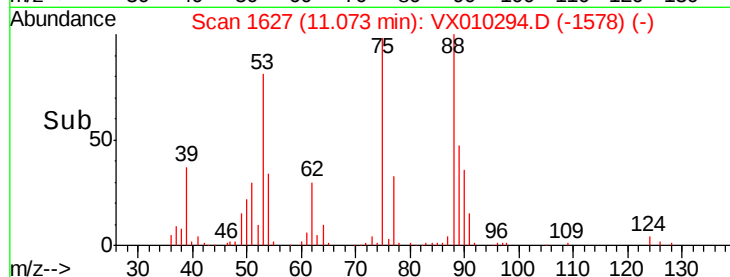
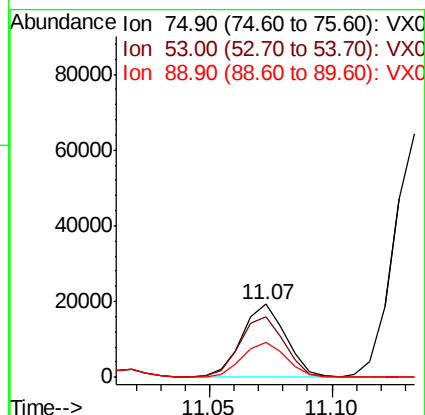
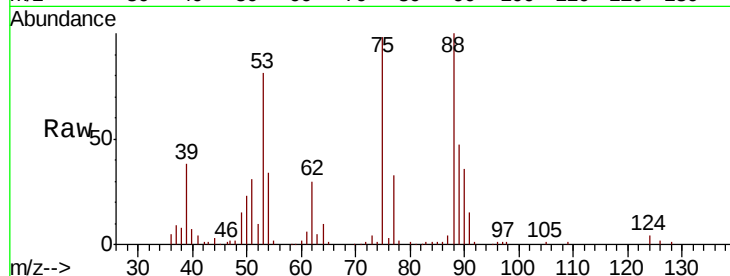
Tgt Ion: 75 Resp: 24052

Ion Ratio Lower Upper

75 100

53 86.2 79.8 119.6

89 49.1 34.2 51.4



#82

4-Chlorotoluene

Concen: 15.574 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010294.D

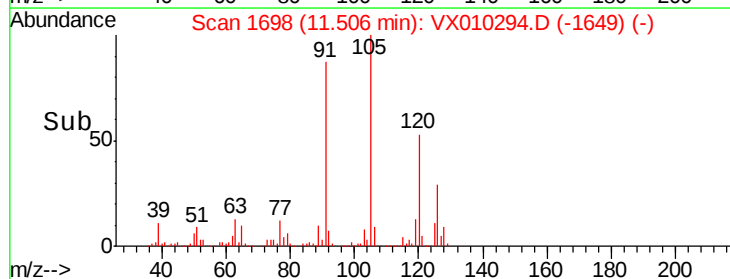
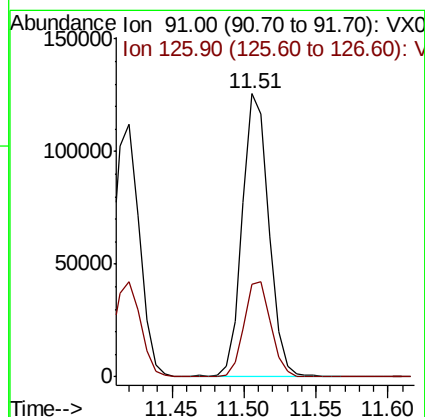
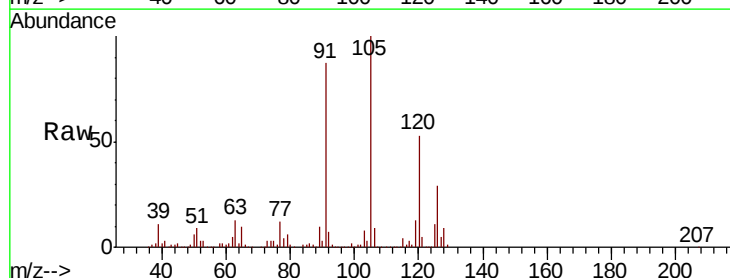
Acq: 14 Jun 2019 12:46

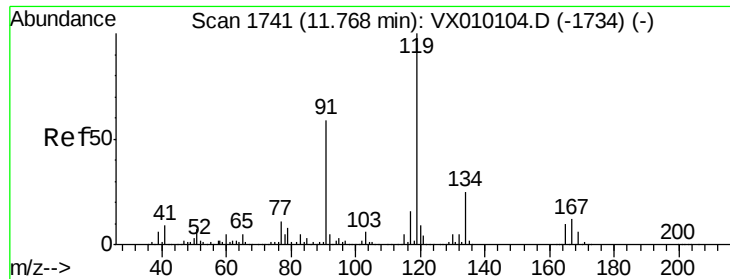
Tgt Ion: 91 Resp: 160047

Ion Ratio Lower Upper

91 100

126 34.0 14.2 42.6

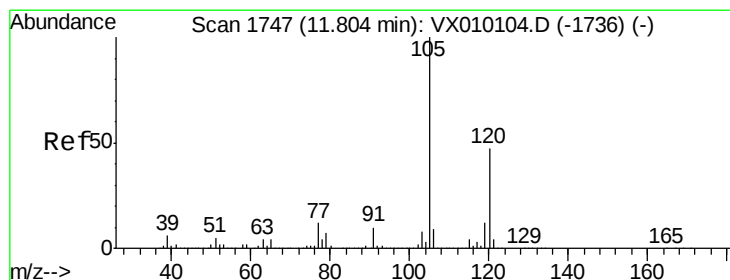
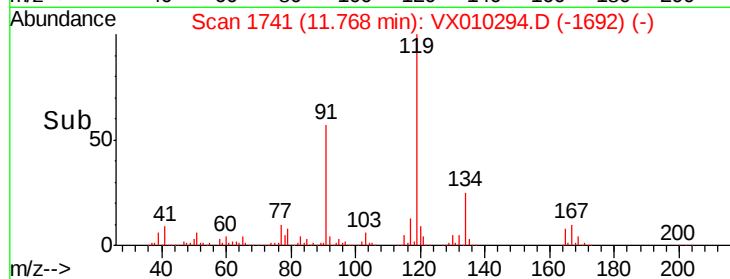
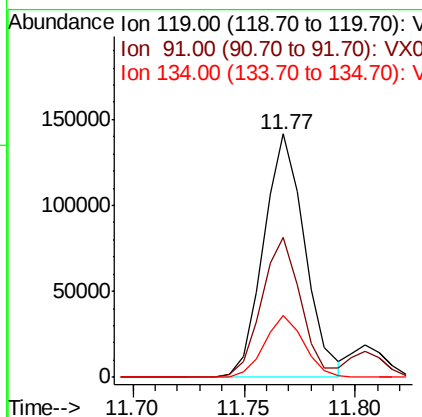
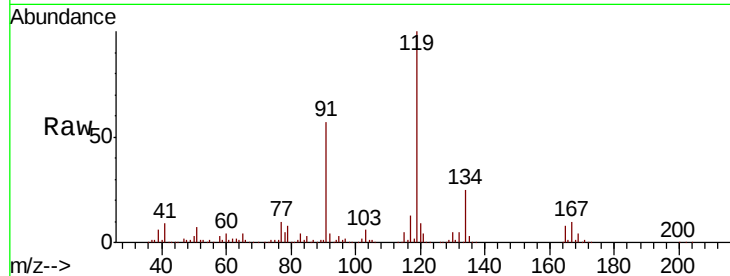




#83
 tert-Butylbenzene
 Concen: 15.753 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

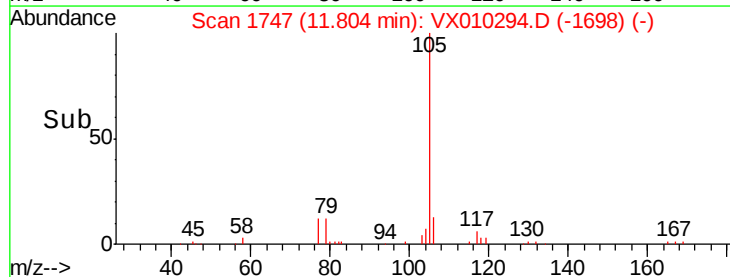
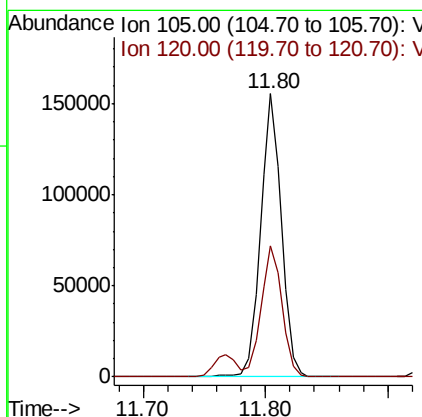
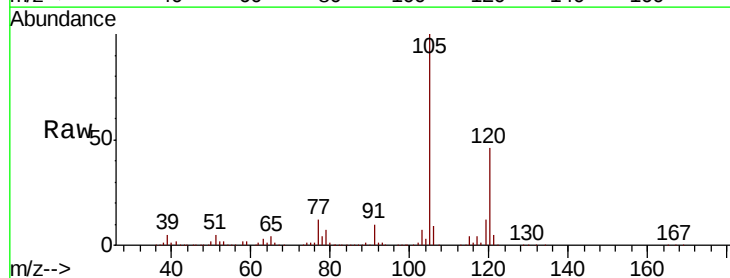
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

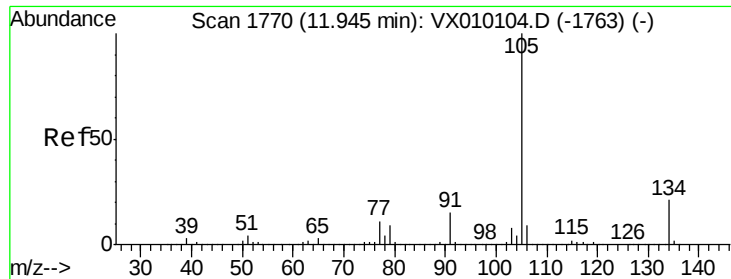
Tgt Ion:119 Resp: 181699
 Ion Ratio Lower Upper
 119 100
 91 55.2 30.0 90.0
 134 24.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 16.025 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion:105 Resp: 184455
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 16.014 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

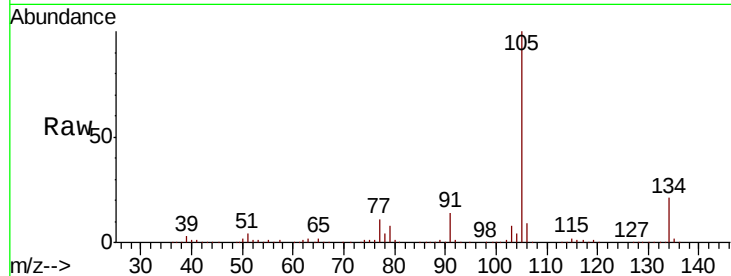
VX0614MBS01

Tgt Ion:105 Resp: 215196

Ion Ratio Lower Upper

105 100

134 21.0 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

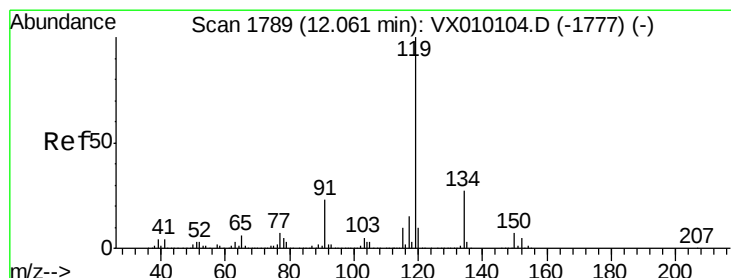
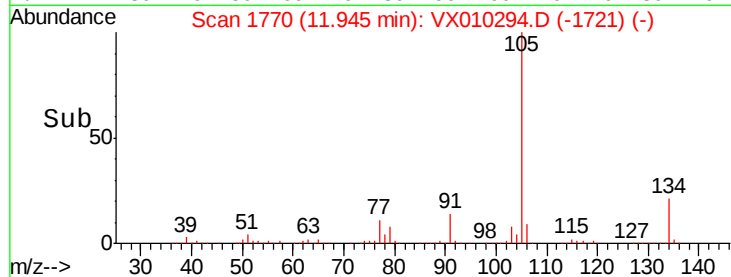
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 15.954 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

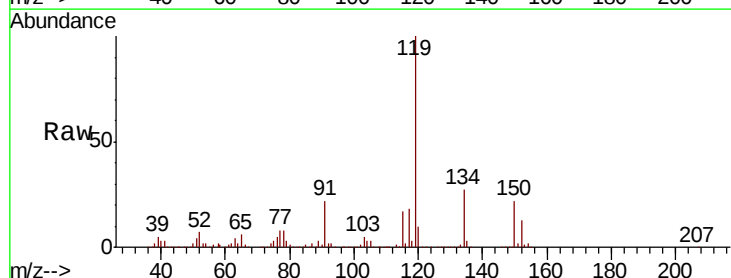
Tgt Ion:119 Resp: 195981

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 22.1 11.9 35.9



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

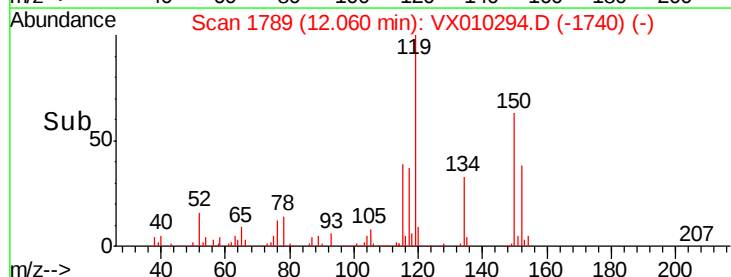
100000

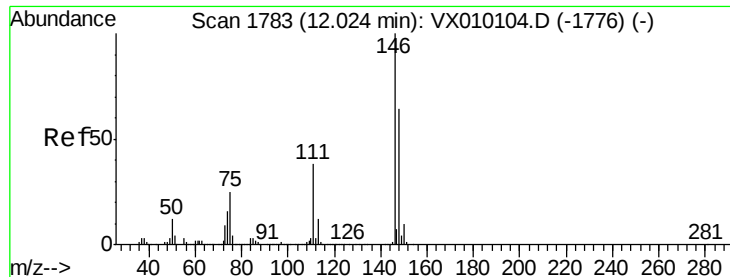
50000

0

Time-->

12.00 12.10

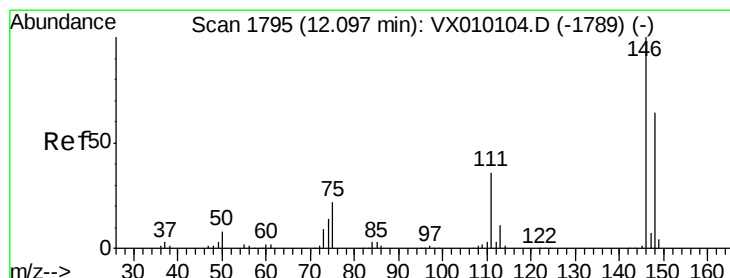
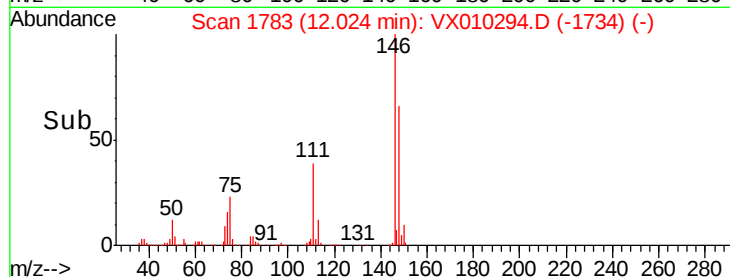
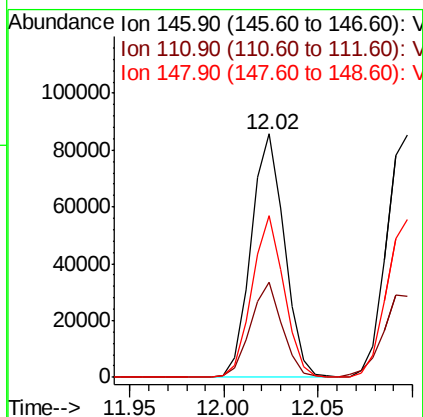
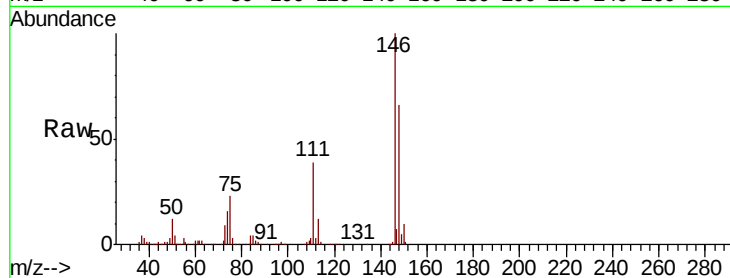




#87
 1,3-Dichlorobenzene
 Concen: 16.019 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

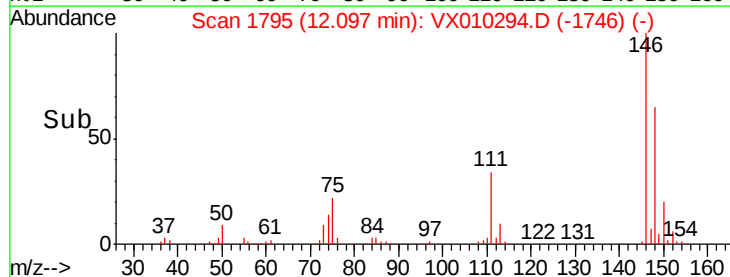
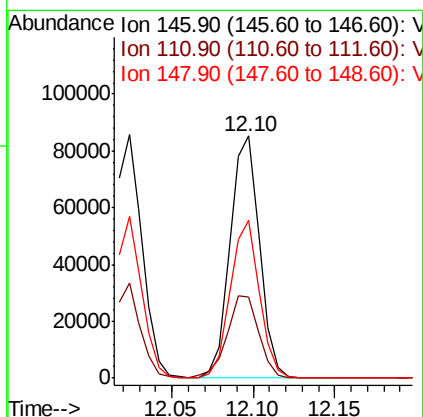
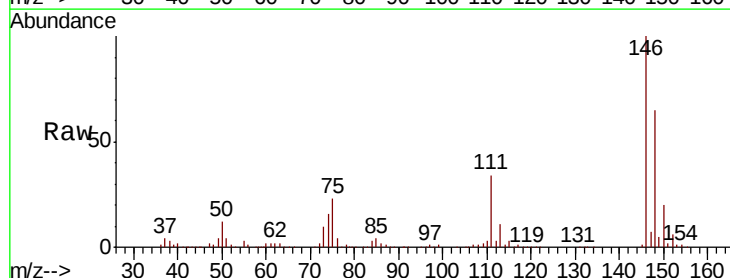
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

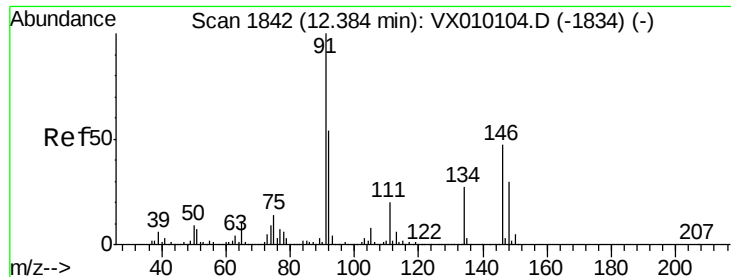
Tgt Ion:146 Resp: 104984
 Ion Ratio Lower Upper
 146 100
 111 37.5 20.1 60.2
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 16.156 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion:146 Resp: 106733
 Ion Ratio Lower Upper
 146 100
 111 37.2 20.0 59.9
 148 64.4 32.3 96.9

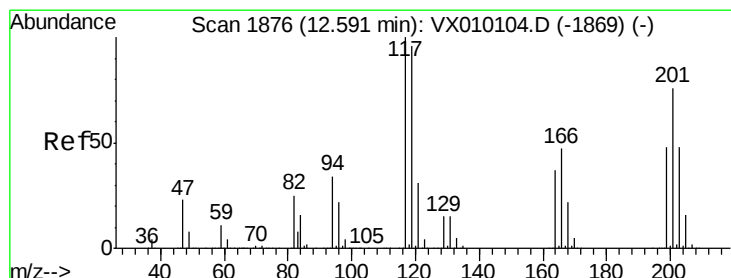
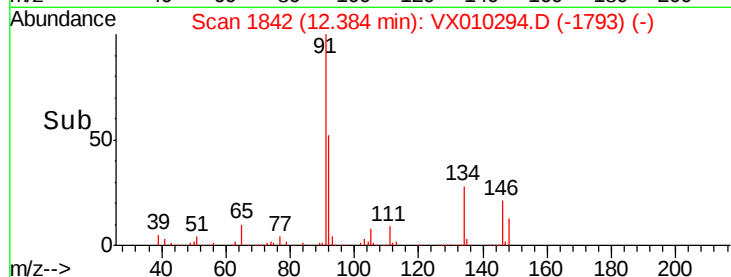
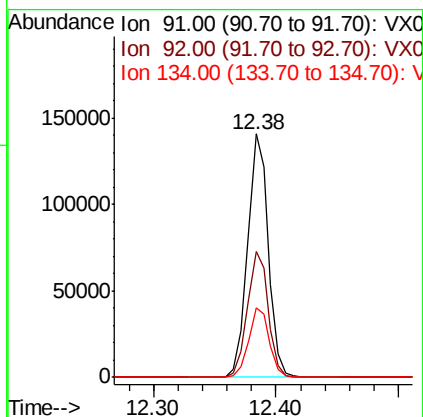
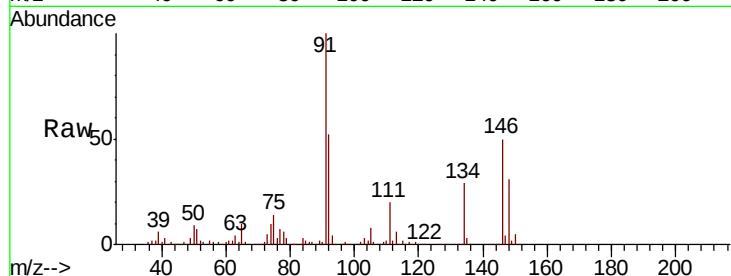




#89
n-Butylbenzene
Concen: 15.583 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

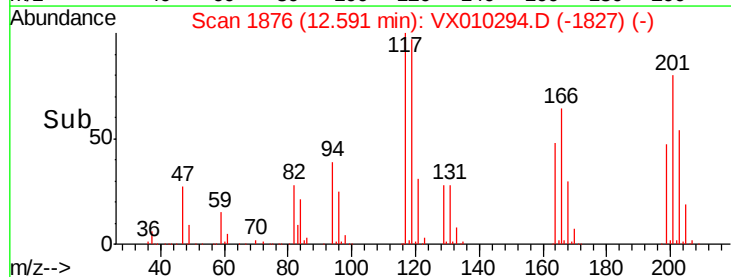
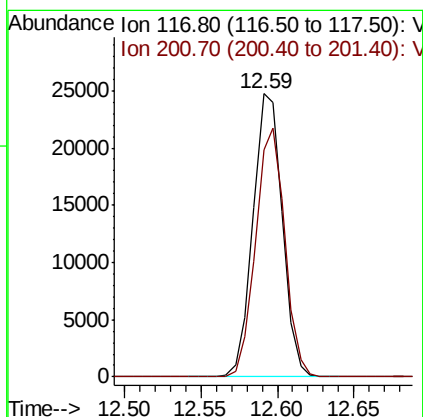
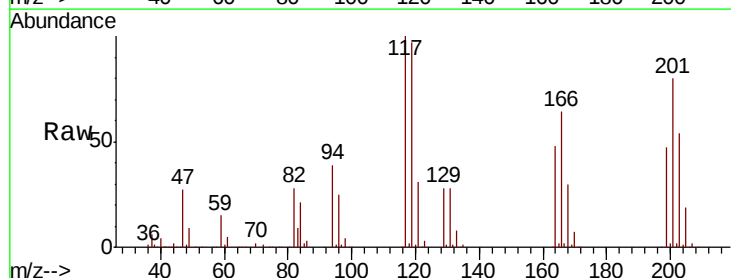
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

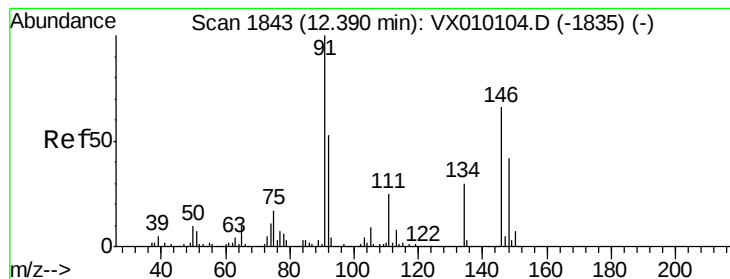
Tgt Ion: 91 Resp: 164782
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.8
134 28.8 12.3 36.8



#90
Hexachloroethane
Concen: 13.513 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 117 Resp: 33068
Ion Ratio Lower Upper
117 100
201 87.4 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 16.727 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

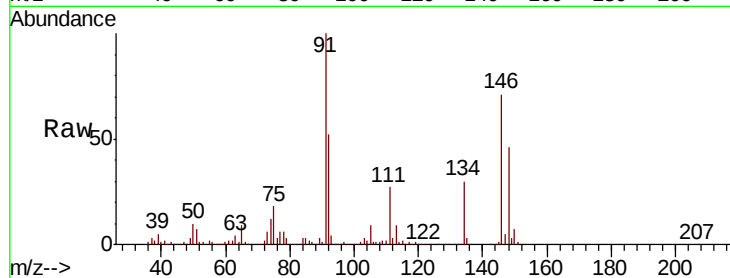
Tgt Ion:146 Resp: 106574

Ion Ratio Lower Upper

146 100

111 38.5 21.1 63.1

148 63.4 32.3 96.8

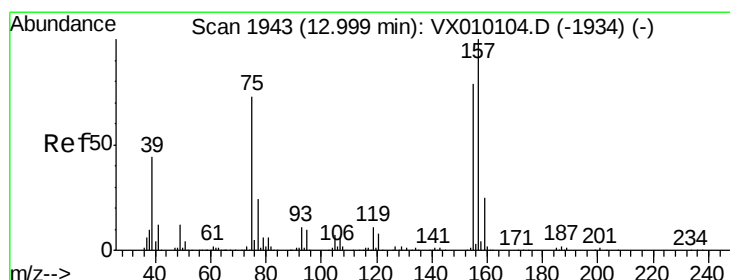
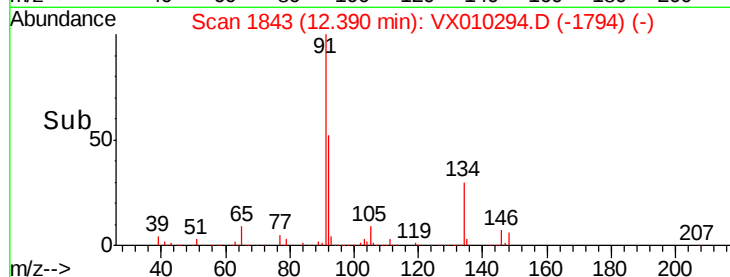
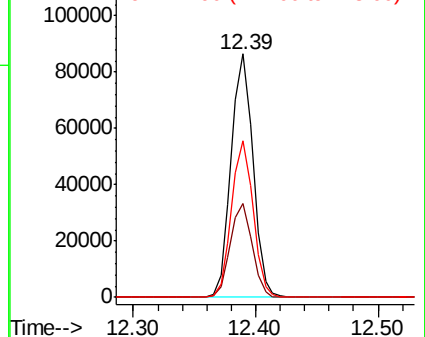


Abundance

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: 13.984 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

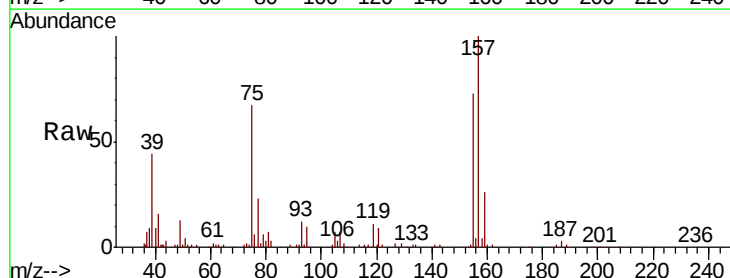
Tgt Ion: 75 Resp: 15240

Ion Ratio Lower Upper

75 100

155 106.8 39.3 117.8

157 139.9 50.6 151.8

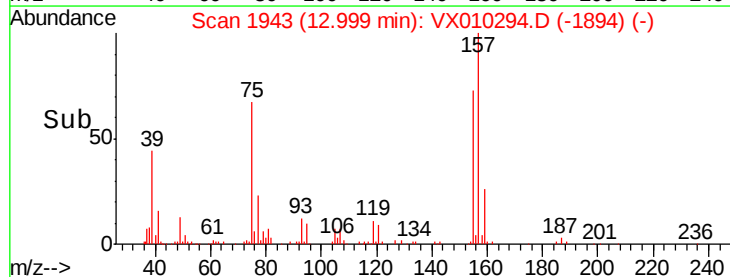
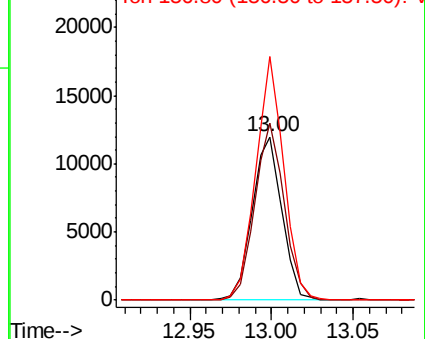


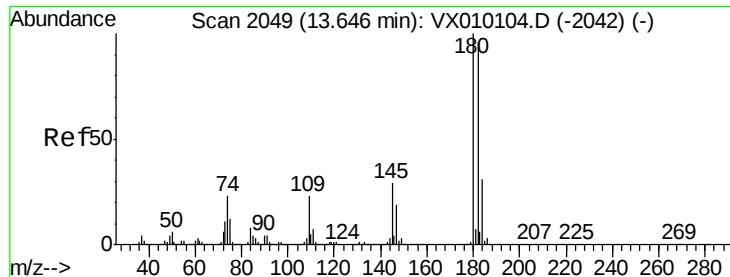
Abundance

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

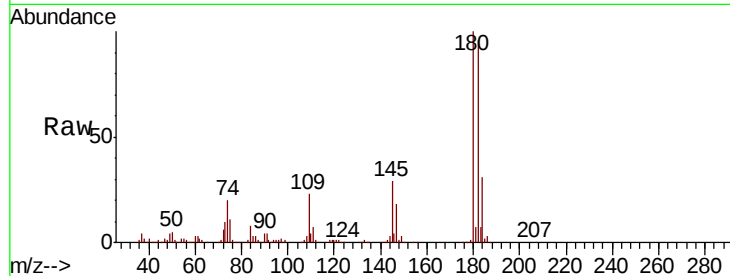




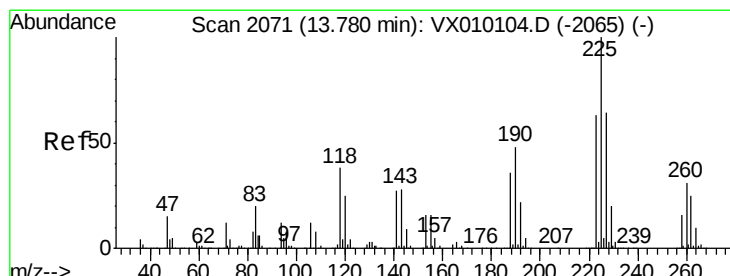
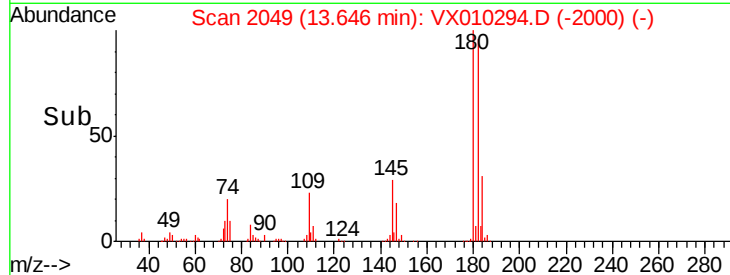
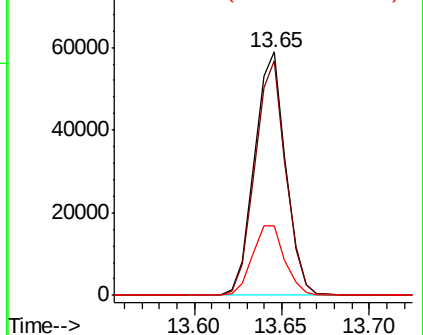
#93
 1,2,4-Trichlorobenzene
 Concen: 15.593 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tgt Ion:180 Resp: 72719
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 30.0 14.5 43.5

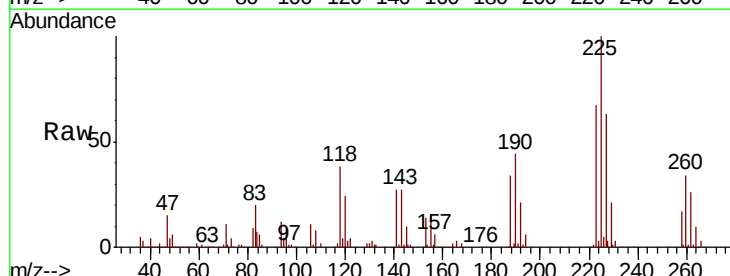


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

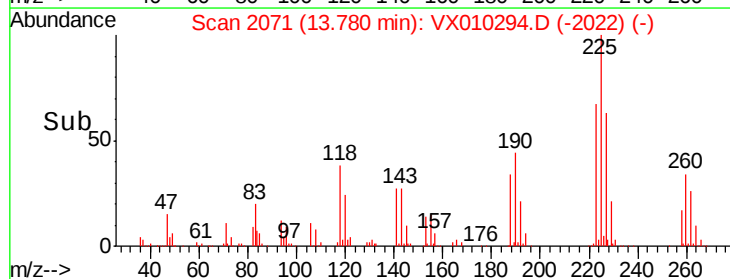
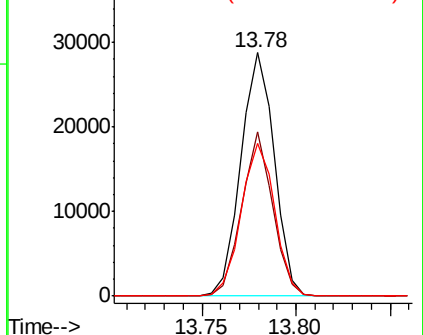


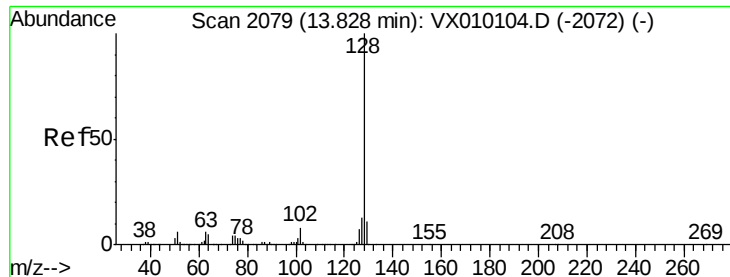
#94
 Hexachlorobutadiene
 Concen: 17.096 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion:225 Resp: 35458
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 62.9 32.3 96.8



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

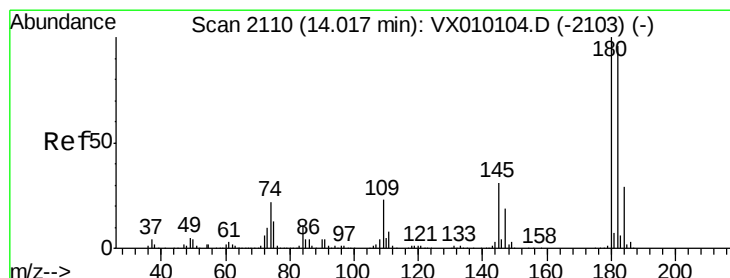
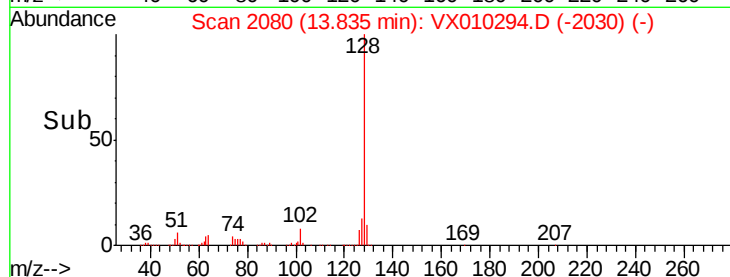
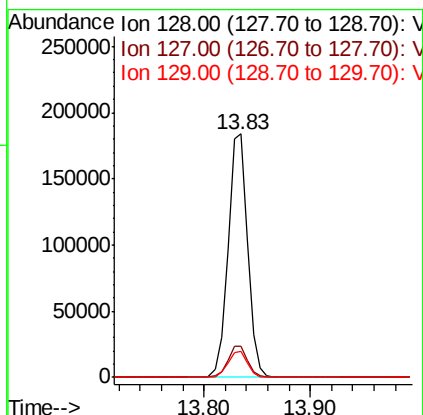
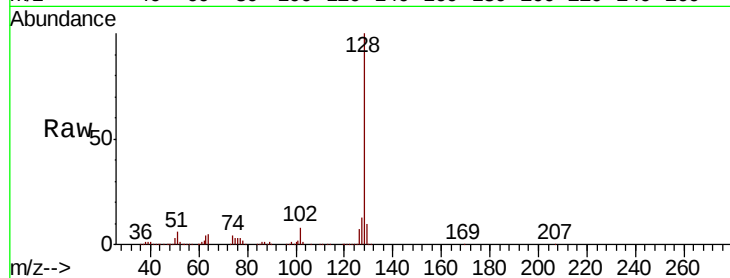




#95
Naphthalene
Concen: 16.076 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tgt Ion:128 Resp: 236015
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.223 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion:180 Resp: 74808
Ion Ratio Lower Upper
180 100
182 96.7 47.3 142.0
145 30.4 15.6 46.7

