

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009956.D
 Acq On : 30 May 2019 13:31
 Operator : JC/SP
 Sample : VX0530WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Quant Time: May 31 05:33:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112855	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.50	113	80765	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.71	98	325330	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	117663	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	41181	20.836	ug/l	100
3) Chloromethane	1.32	50	51076	19.223	ug/l	98
4) Vinyl Chloride	1.41	62	47837	19.972	ug/l	100
5) Bromomethane	1.64	94	25109	17.302	ug/l	100
6) Chloroethane	1.72	64	26093	17.697	ug/l	96
7) Trichlorofluoromethane	1.93	101	50441	19.057	ug/l	98
8) Diethyl Ether	2.19	74	21621	17.383	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30293	18.957	ug/l	98
10) Methyl Iodide	2.51	142	32247	19.435	ug/l	98
11) Tert butyl alcohol	3.04	59	54750	97.375	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30688	18.735	ug/l	97
13) Acrolein	2.29	56	32340	95.394	ug/l	99
14) Allyl chloride	2.73	41	75207	18.891	ug/l	99
15) Acrylonitrile	3.14	53	129444	95.548	ug/l	99
16) Acetone	2.45	43	123778	93.768	ug/l	99
17) Carbon Disulfide	2.57	76	89299	18.251	ug/l	98
18) Methyl Acetate	2.78	43	58592	19.076	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	114816	18.567	ug/l	99
20) Methylene Chloride	2.85	84	37180	18.393	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32556	17.863	ug/l	98
22) Diisopropyl ether	3.85	45	146041	19.280	ug/l	98
23) Vinyl Acetate	3.82	43	644890	94.770	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69591	18.958	ug/l	99
25) 2-Butanone	4.68	43	197022	95.800	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49678	17.890	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37269	17.715	ug/l	98
28) Bromochloromethane	5.02	49	31546	16.560	ug/l	99
29) Tetrahydrofuran	5.13	42	127439	96.631	ug/l	99
30) Chloroform	5.21	83	61670	18.628	ug/l	99
31) Cyclohexane	5.59	56	67577	19.437	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51253	19.010	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47349	18.252	ug/l	99
37) Ethyl Acetate	4.84	43	72126	19.954	ug/l	99
38) Carbon Tetrachloride	5.79	117	43417	19.368	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58778	19.102	ug/l	99
40) Benzene	6.14	78	149503	19.428	ug/l	98
41) Methacrylonitrile	5.04	41	40733	19.285	ug/l	99
42) 1,2-Dichloroethane	6.20	62	54770	19.252	ug/l	100
43) Isopropyl Acetate	6.45	43	109987	18.858	ug/l	100
44) Trichloroethene	7.21	130	34512	18.463	ug/l	99
45) 1,2-Dichloropropane	7.51	63	42169	19.036	ug/l	97
46) Dibromomethane	7.66	93	23681	18.161	ug/l	99
47) Bromodichloromethane	7.90	83	47549	19.176	ug/l	98
48) Methyl methacrylate	7.77	41	56568	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	20672	384.919	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	359051	94.636	ug/l	100
52) Toluene	8.78	92	88968	19.041	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52718	17.728	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	59524	18.371	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	36088	19.190	ug/l	98
56) Ethyl methacrylate	9.18	69	63726	19.034	ug/l	99
57) 1,3-Dichloropropane	9.37	76	63062	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	166590	94.891	ug/l	99
59) 2-Hexanone	9.49	43	288179	98.657	ug/l	99
60) Dibromochloromethane	9.58	129	34243	18.511	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36264	18.770	ug/l	99
64) Tetrachloroethene	9.34	164	32570	19.912	ug/l	98
65) Chlorobenzene	10.14	112	90177	18.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	32381	19.043	ug/l	99
67) Ethyl Benzene	10.25	91	167421	19.020	ug/l	98
68) m/p-Xylenes	10.36	106	122762	37.750	ug/l	99
69) o-Xylene	10.69	106	59553	19.095	ug/l	99
70) Styrene	10.71	104	101944	18.641	ug/l	99
71) Bromoform	10.85	173	25883	18.622	ug/l	98
73) Isopropylbenzene	11.02	105	156603	18.944	ug/l	100
74) N-amyl acetate	10.90	43	94714	19.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59953	19.439	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	68798	25.678	ug/l	83
77) Bromobenzene	11.26	156	39345	18.676	ug/l	98
78) n-propylbenzene	11.36	91	183042	19.210	ug/l	100
79) 2-Chlorotoluene	11.42	91	110374	18.959	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	133583	19.181	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18837	17.395	ug/l	95
82) 4-Chlorotoluene	11.51	91	126061	18.601	ug/l	100
83) tert-Butylbenzene	11.77	119	125158	18.784	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	134528	19.021	ug/l	100
85) sec-Butylbenzene	11.94	105	152037	19.180	ug/l	100
86) p-Isopropyltoluene	12.06	119	137713	19.315	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67976	18.124	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	68610	17.937	ug/l	99
89) n-Butylbenzene	12.38	91	124185	18.534	ug/l	99
90) Hexachloroethane	12.60	117	23405	19.129	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	69311	18.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13603	18.738	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

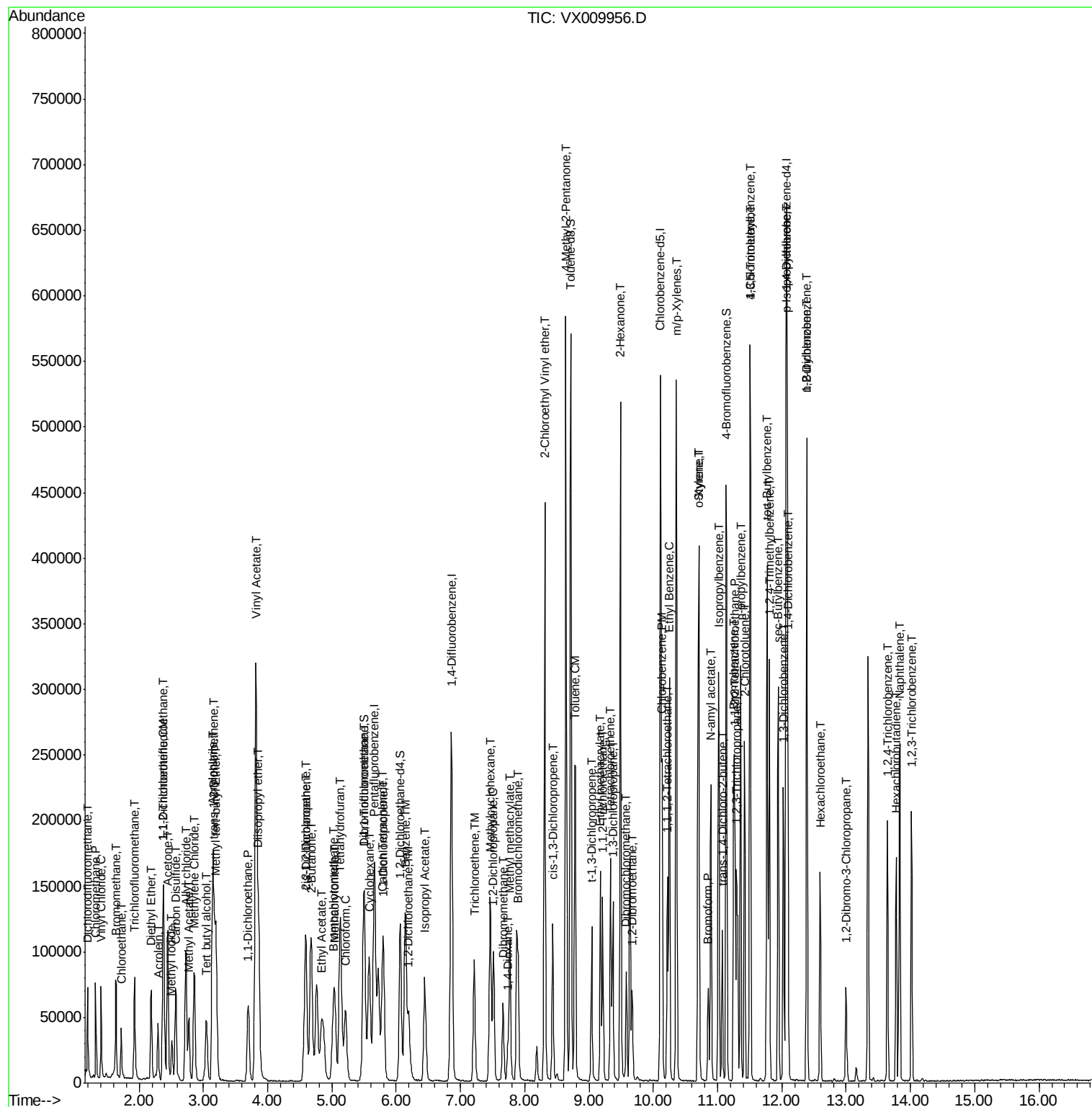
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48009	18.167	ug/l	99
94) Hexachlorobutadiene	13.78	225	25023	18.879	ug/l	99
95) Naphthalene	13.83	128	153637	18.682	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48763	18.435	ug/l	99

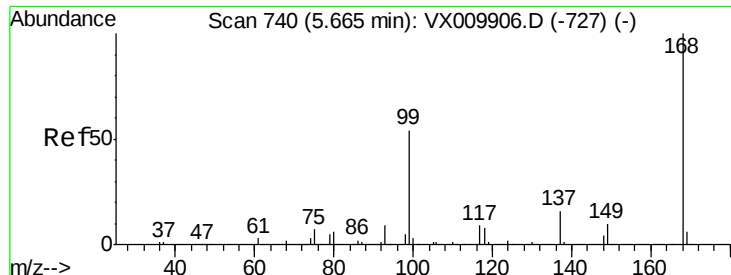
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX053019\
Data File : VX009956.D
Acq On : 30 May 2019 13:31
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Sample : VX0530WBSD01
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Quant Time: May 31 05:33:13 2019
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QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

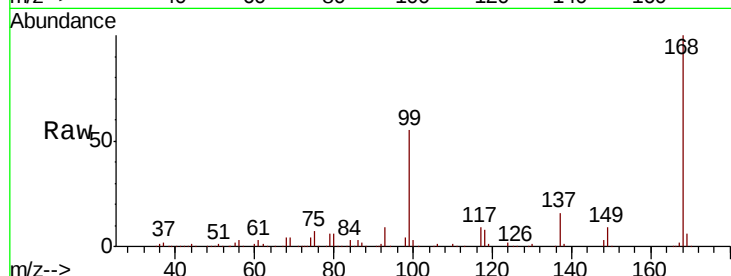
VX0530WBSD01

Tot Ion:168 Resp: 161738

Ion Ratio Lower Upper

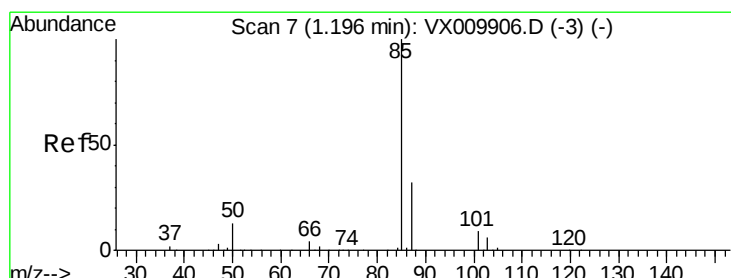
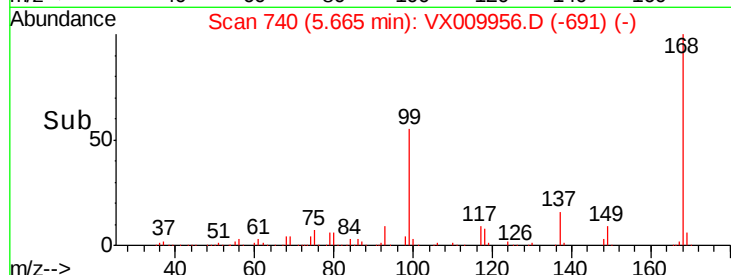
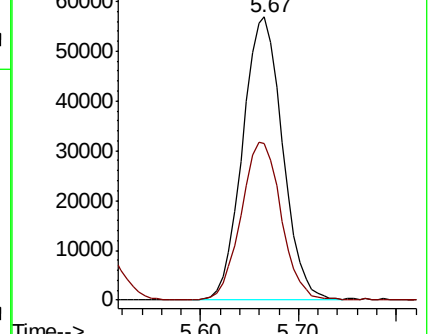
168 100

99 55.0 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: 20.836 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009956.D

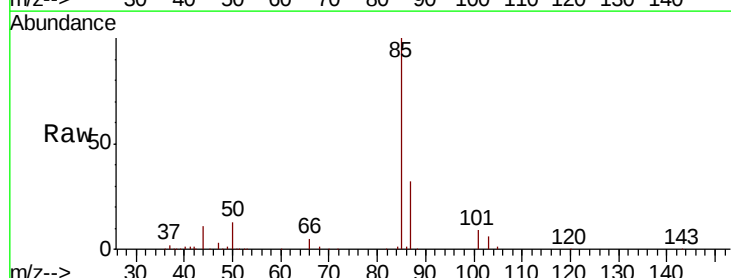
Acq: 30 May 2019 13:31

Tgt Ion: 85 Resp: 41181

Ion Ratio Lower Upper

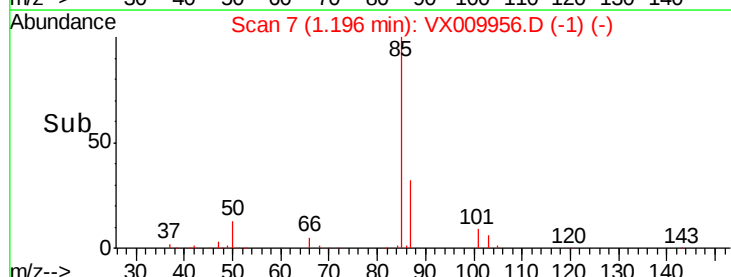
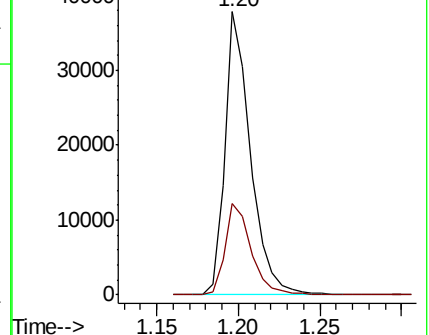
85 100

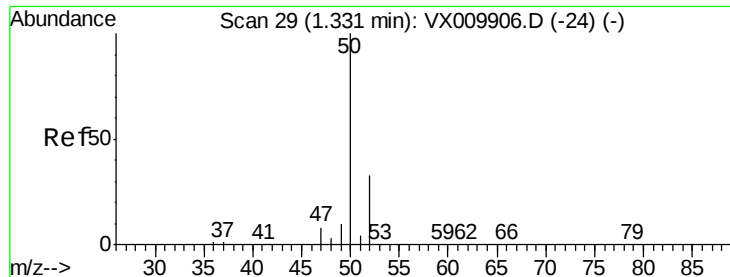
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.223 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

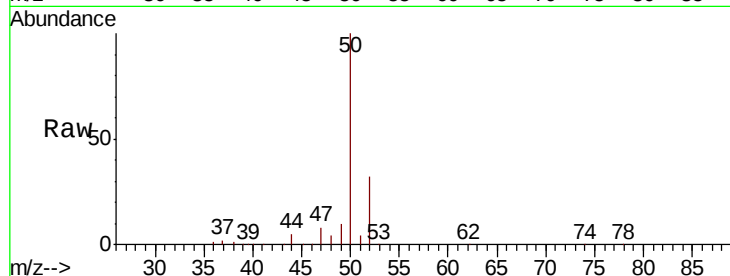
VX0530WBSD01

Tot Ion: 50 Resp: 51076

Ion Ratio Lower Upper

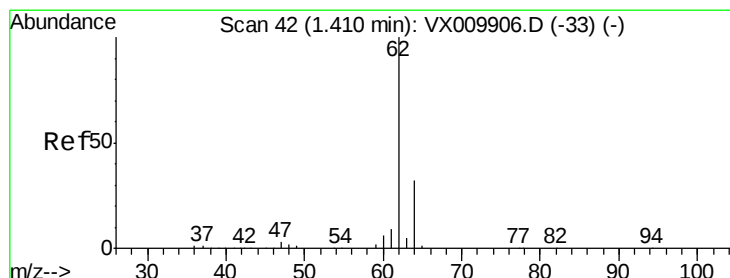
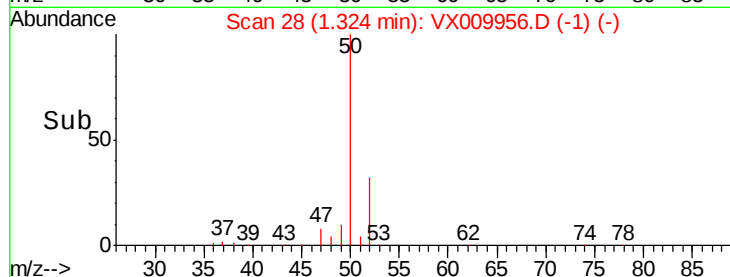
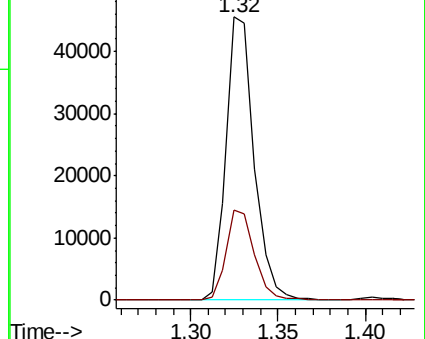
50 100

52 31.6 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: 19.972 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009956.D

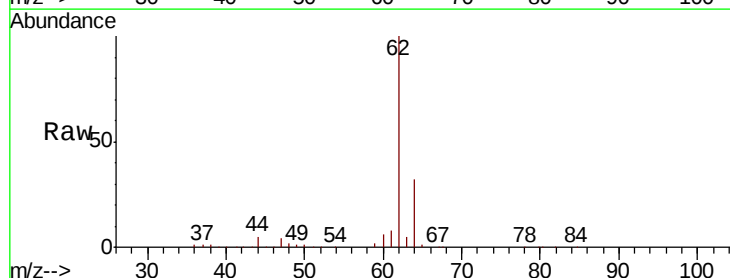
Acq: 30 May 2019 13:31

Tgt Ion: 62 Resp: 47837

Ion Ratio Lower Upper

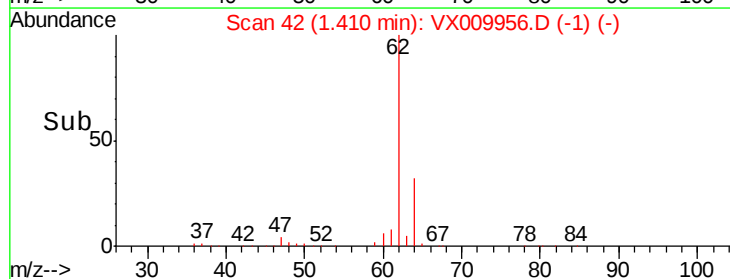
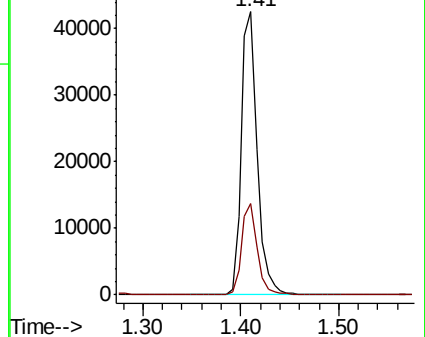
62 100

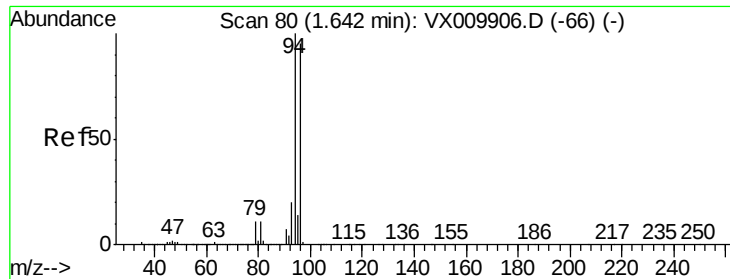
64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.302 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

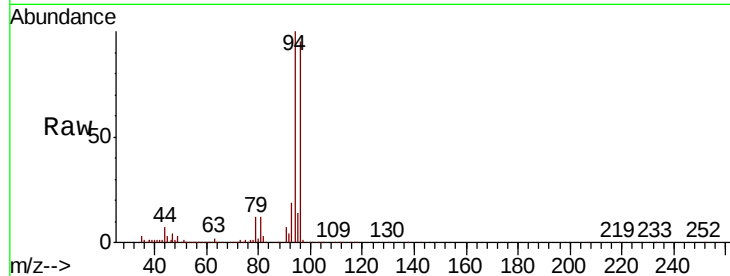
VX0530WBSD01

Tot Ion: 94 Resp: 25109

Ion Ratio Lower Upper

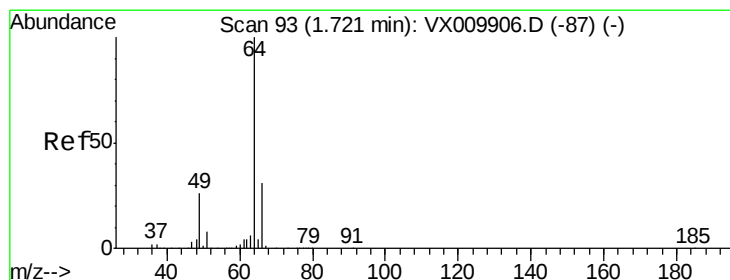
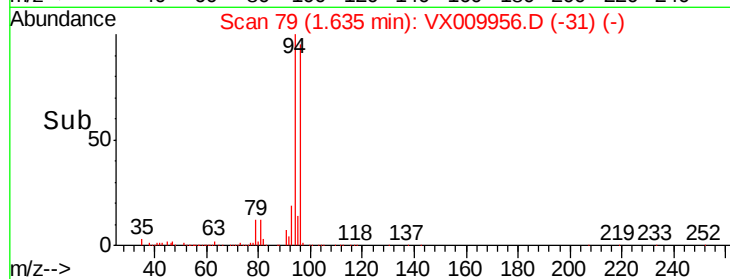
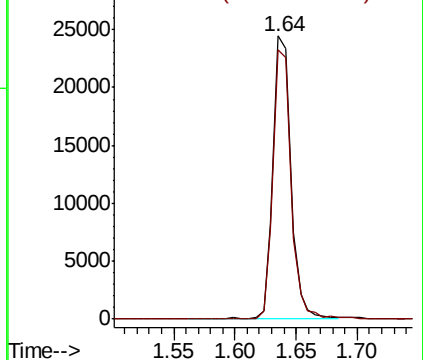
94 100

96 95.4 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: 17.697 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009956.D

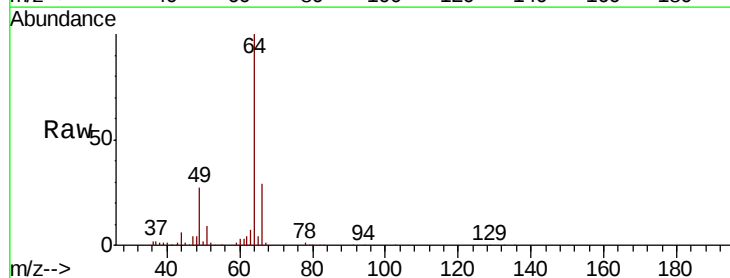
Acq: 30 May 2019 13:31

Tgt Ion: 64 Resp: 26093

Ion Ratio Lower Upper

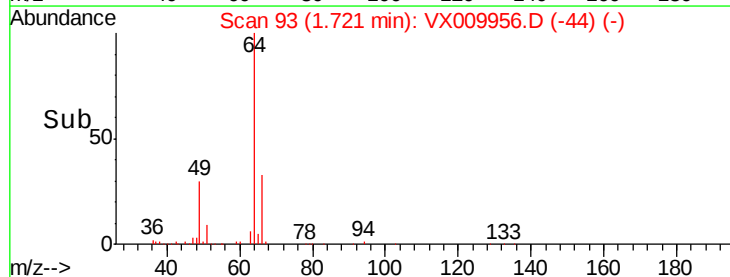
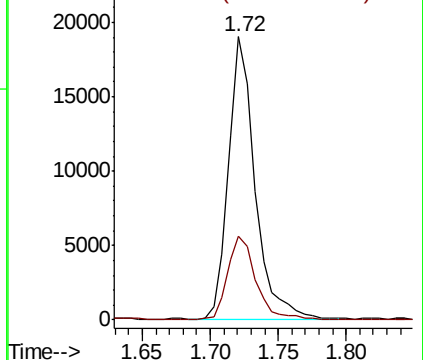
64 100

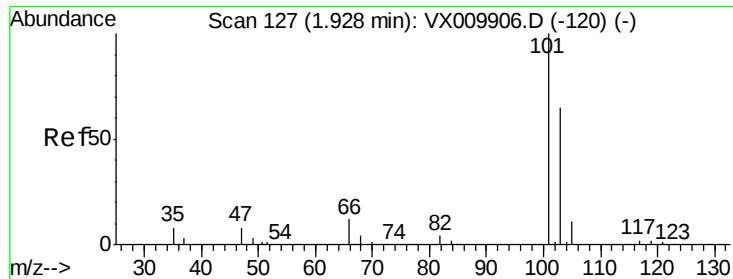
66 29.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



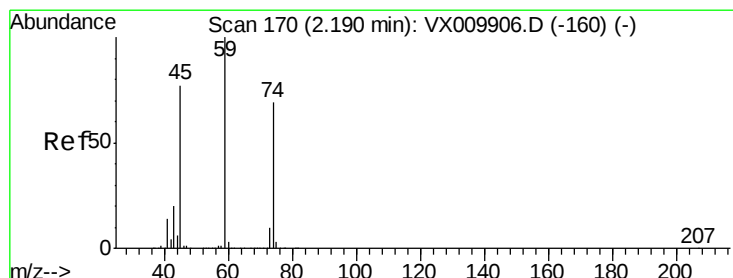
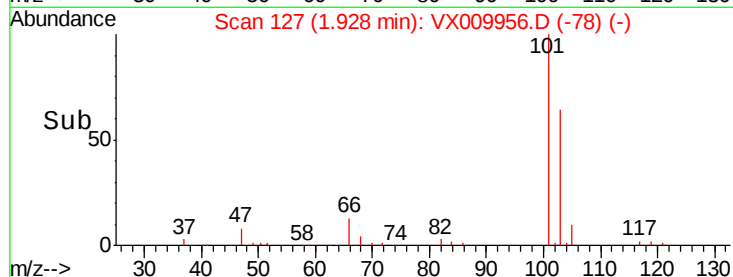
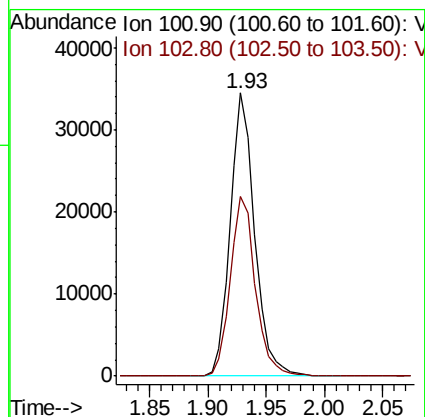
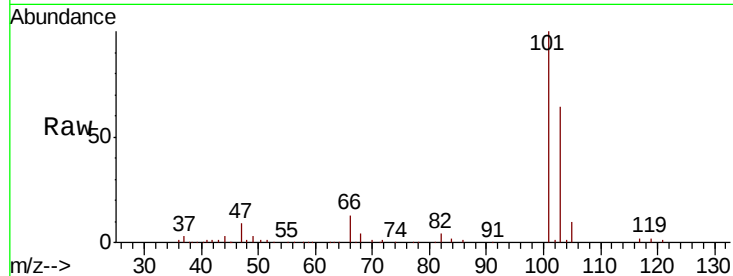


#7

Trichlorofluoromethane
 Concen: 19.057 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
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 VX0530WBSD01

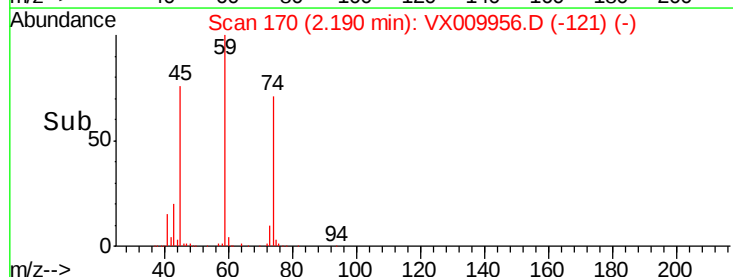
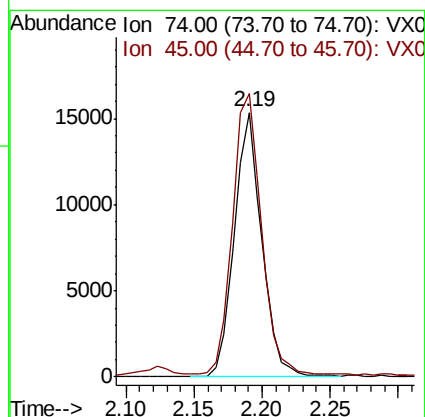
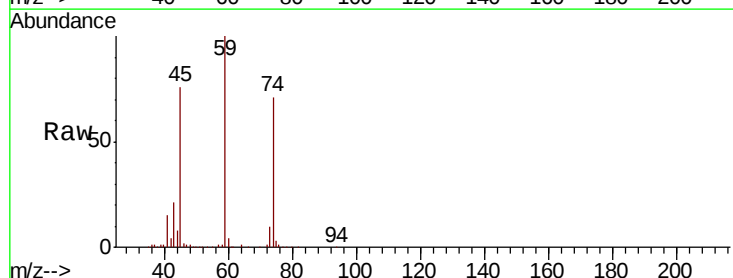
Tot Ion:101 Resp: 50441
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.2 78.4

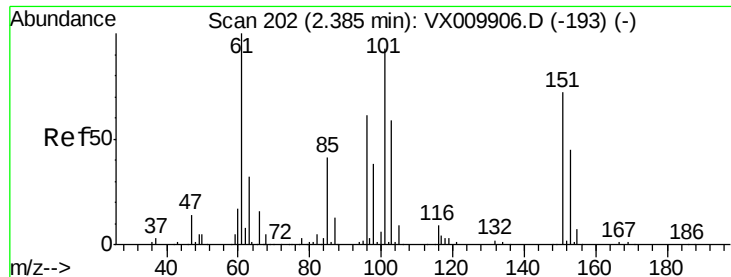


#8

Diethyl Ether
 Concen: 17.383 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion: 74 Resp: 21621
 Ion Ratio Lower Upper
 74 100
 45 111.5 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.957 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

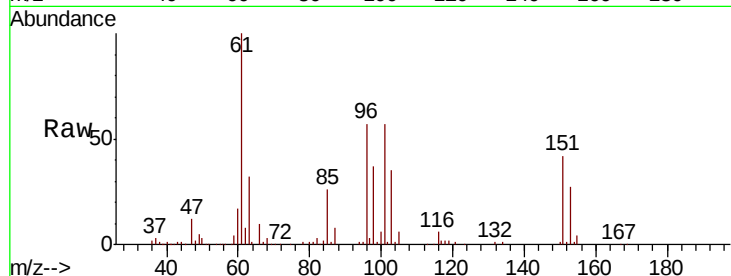
Tot Ion:101 Resp: 30293

Ion Ratio Lower Upper

101 100

85 45.2 35.2 52.8

151 76.2 61.9 92.9

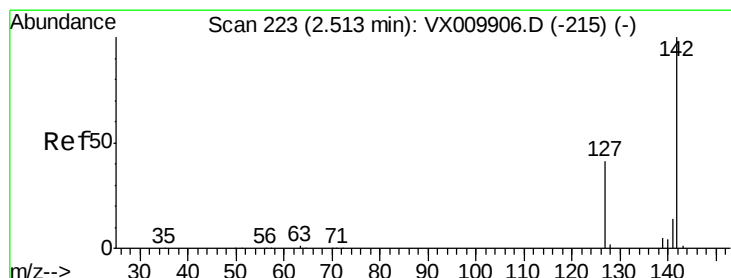
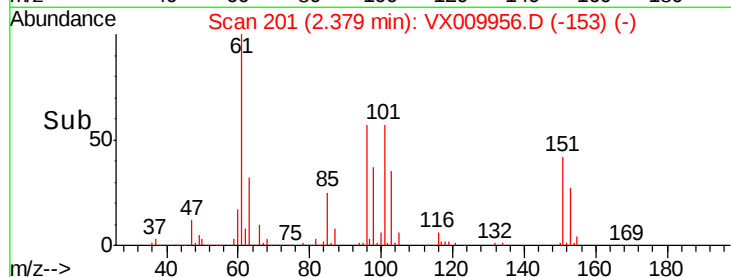
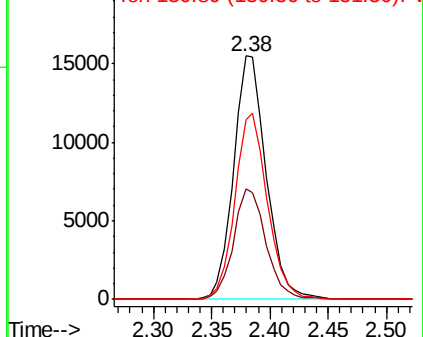


Abundance

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: 19.435 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

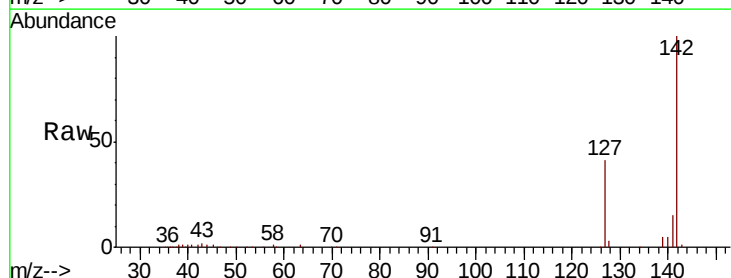
Tgt Ion:142 Resp: 32247

Ion Ratio Lower Upper

142 100

127 42.5 33.0 49.4

141 14.8 11.4 17.0

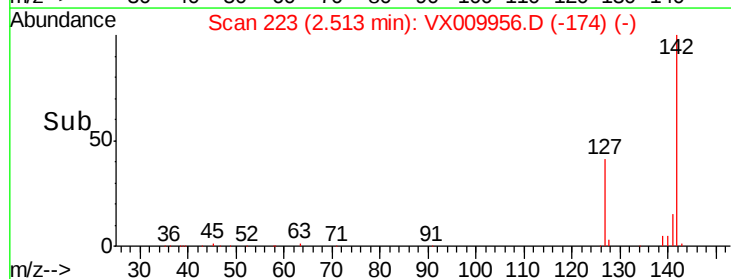
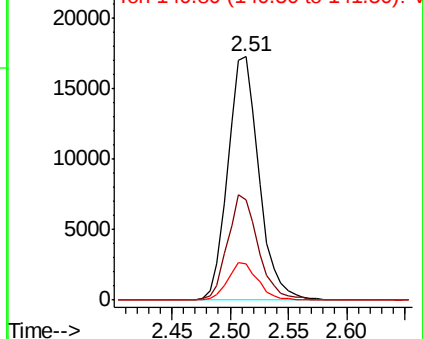


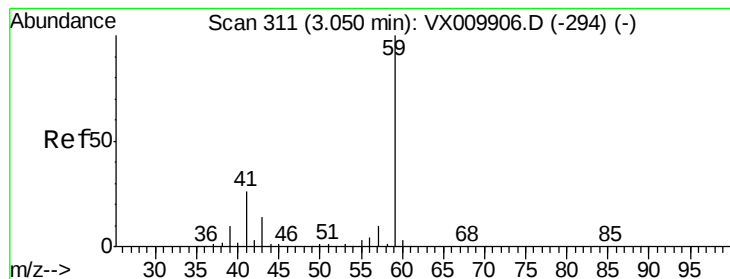
Abundance

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



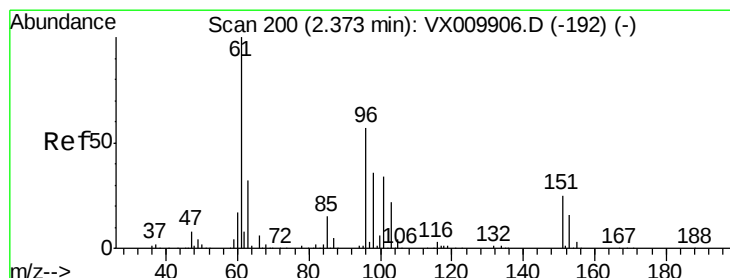
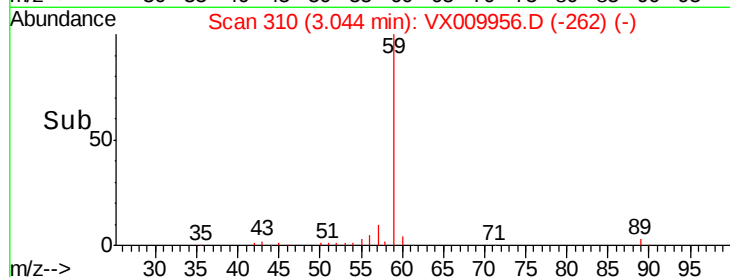
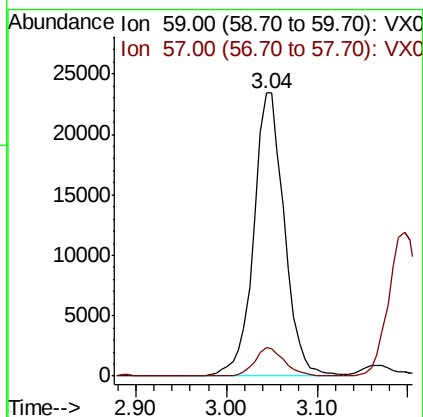
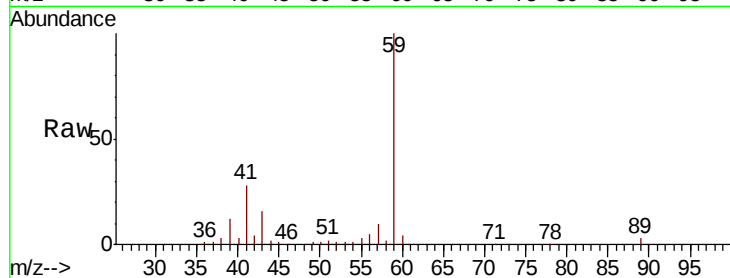


#11

Tert butyl alcohol
 Concen: 97.375 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0530WBSD01

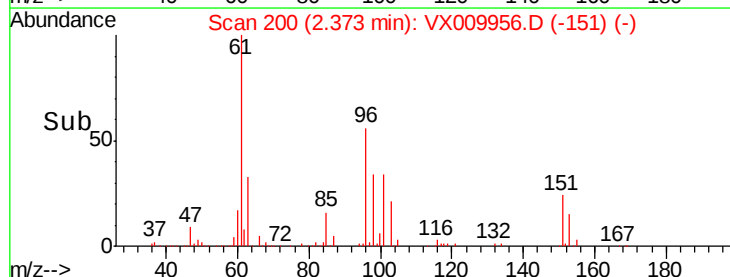
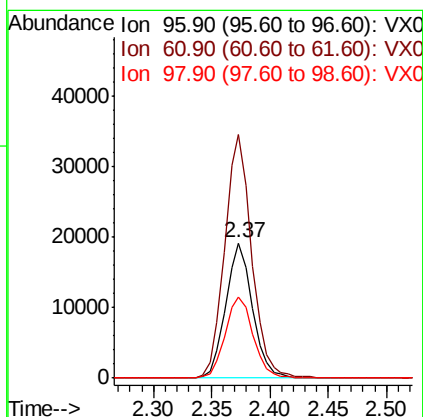
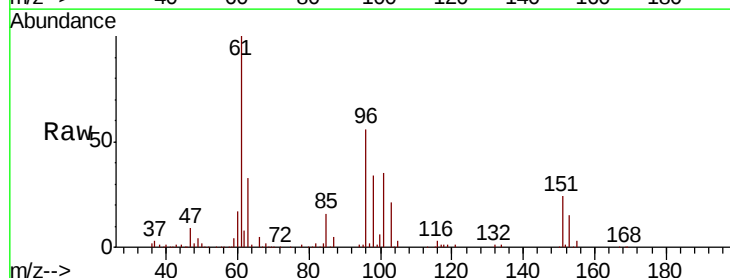
Tot Ion: 59 Resp: 54750
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

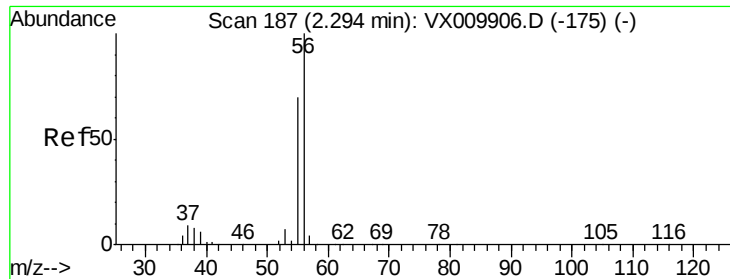


#12

1,1-Dichloroethene
 Concen: 18.735 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion: 96 Resp: 30688
 Ion Ratio Lower Upper
 96 100
 61 180.1 140.7 211.1
 98 60.4 50.1 75.1





#13

Acrolein

Concen: 95.394 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

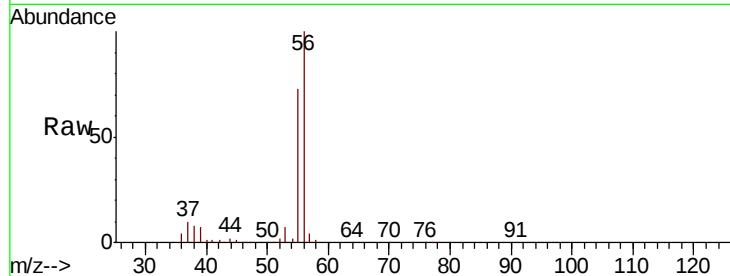
VX0530WBSD01

Tot Ion: 56 Resp: 32340

Ion Ratio Lower Upper

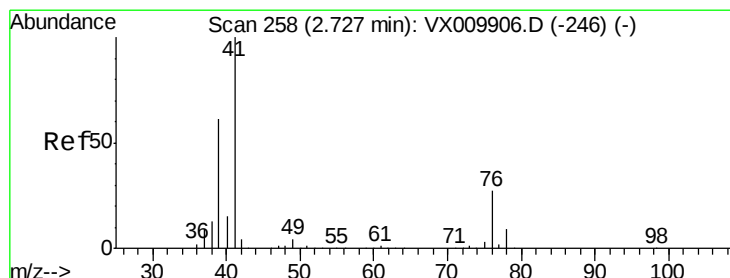
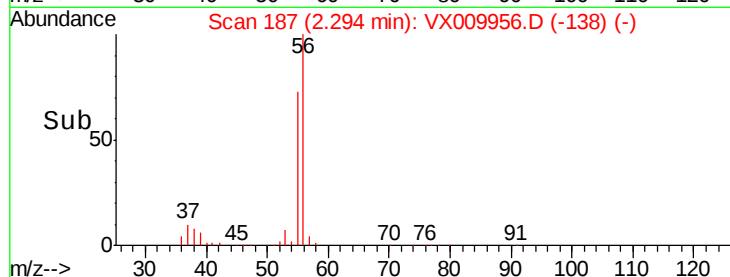
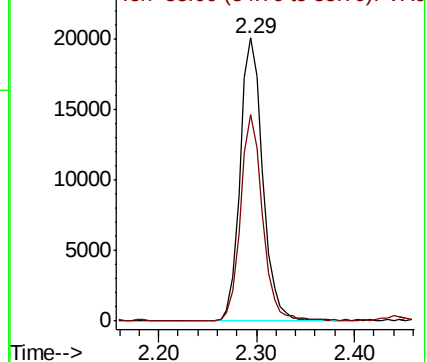
56 100

55 70.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.891 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

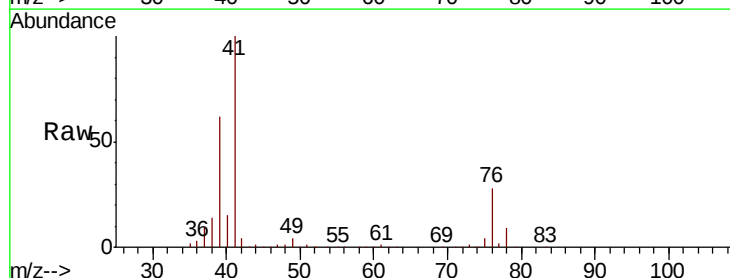
Tgt Ion: 41 Resp: 75207

Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

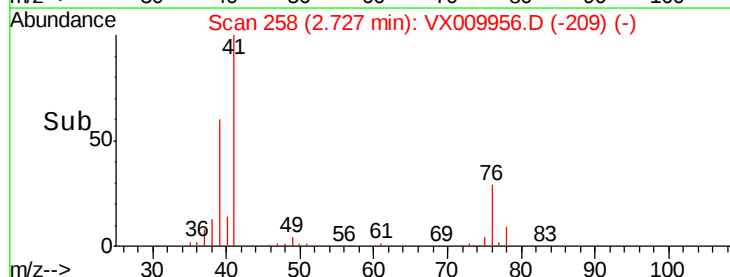
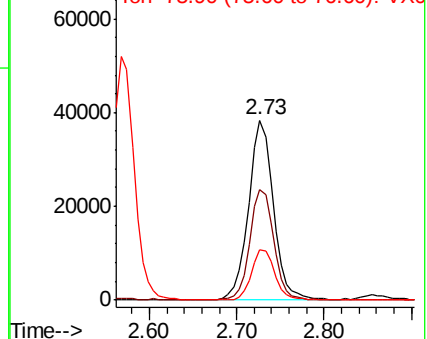
76 26.3 21.0 31.4

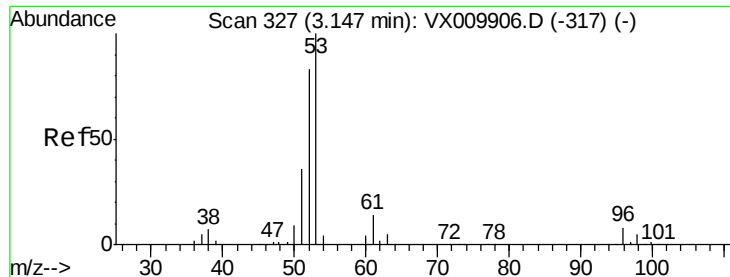


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.548 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

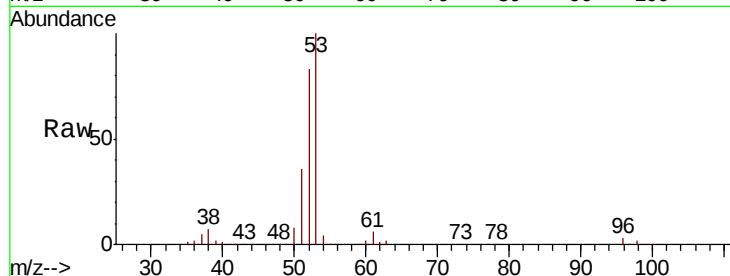
Tot Ion: 53 Resp: 129444

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

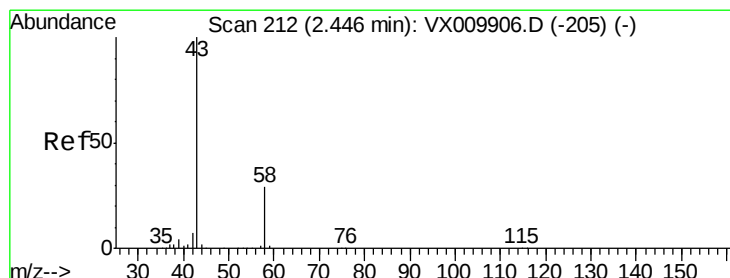
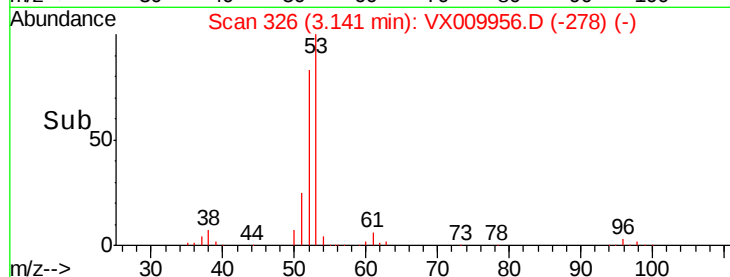
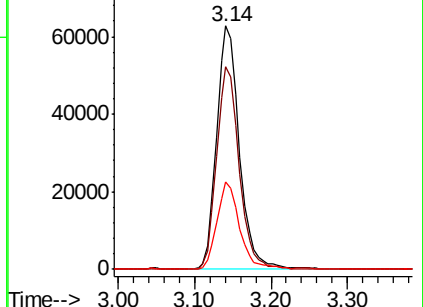
51 35.9 28.8 43.2



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: 93.768 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009956.D

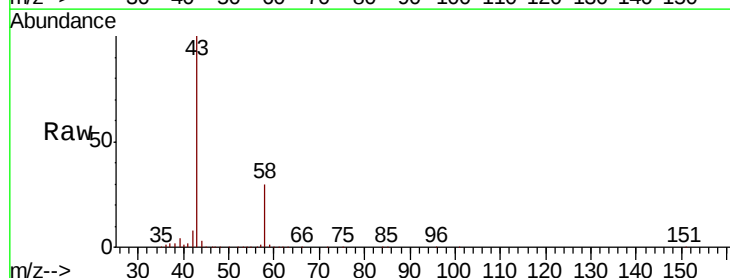
Acq: 30 May 2019 13:31

Tgt Ion: 43 Resp: 123778

Ion Ratio Lower Upper

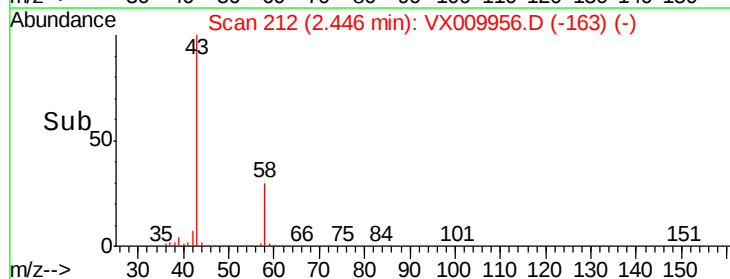
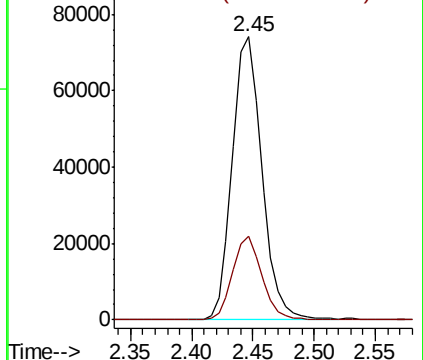
43 100

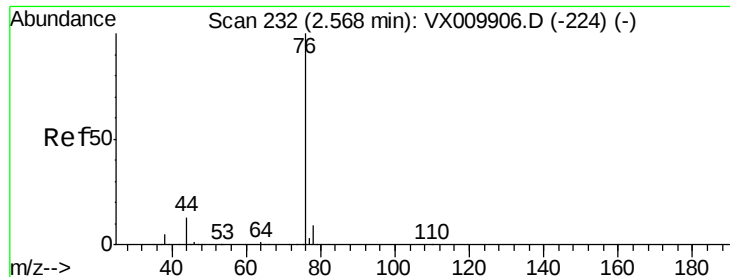
58 29.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.251 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

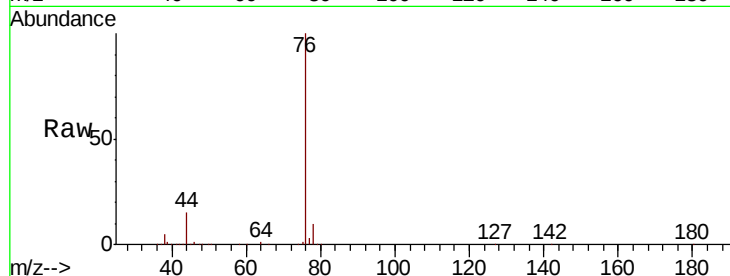
VX0530WBSD01

Tot Ion: 76 Resp: 89299

Ion Ratio Lower Upper

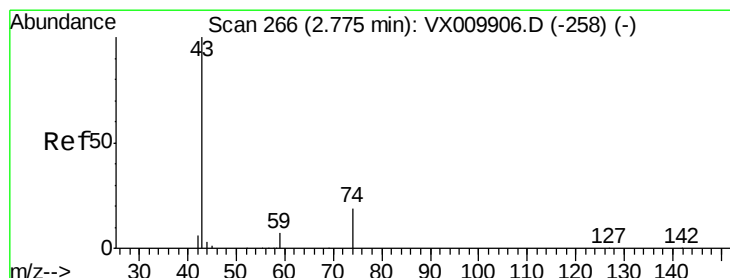
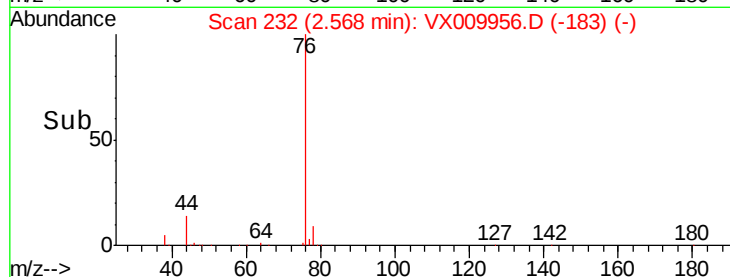
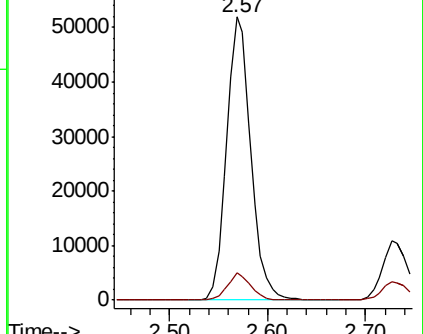
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.076 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009956.D

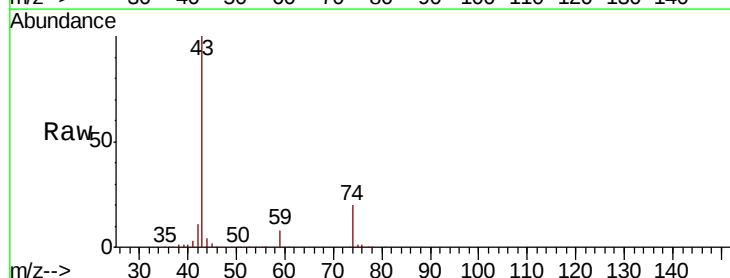
Acq: 30 May 2019 13:31

Tgt Ion: 43 Resp: 58592

Ion Ratio Lower Upper

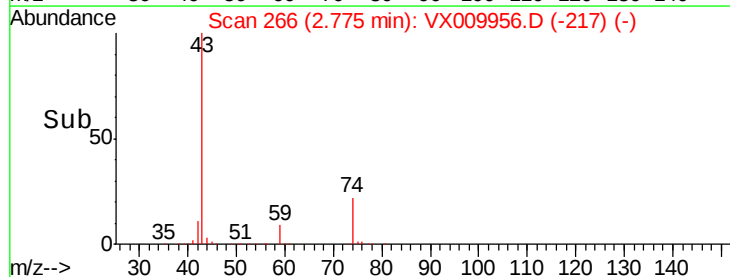
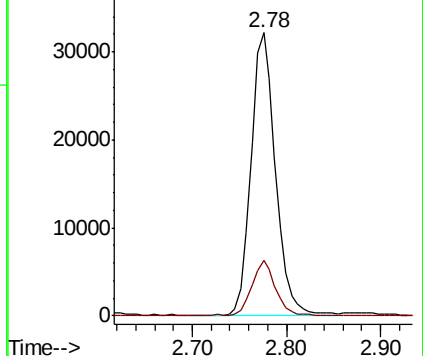
43 100

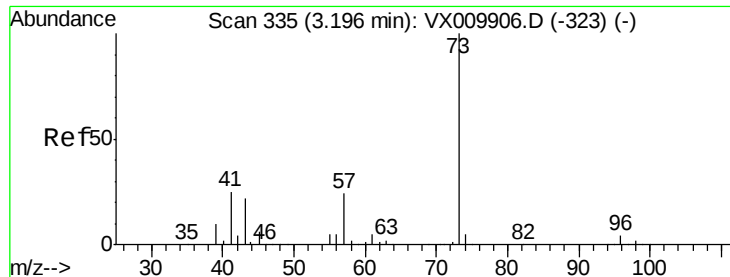
74 18.8 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

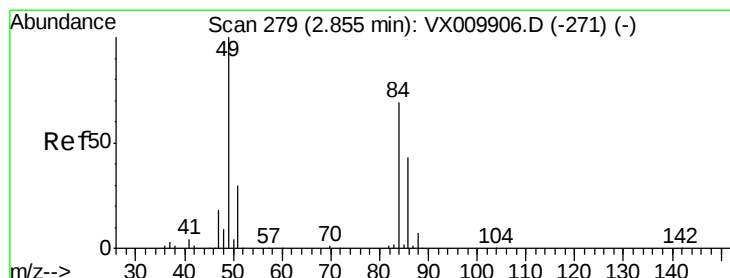
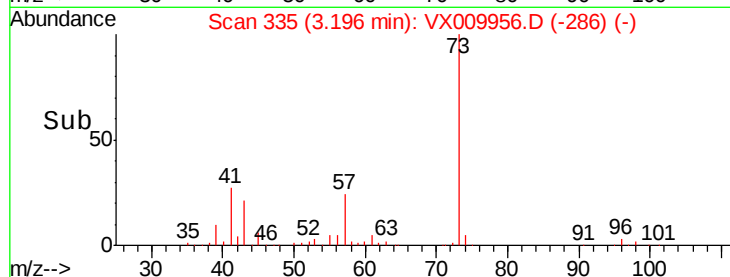
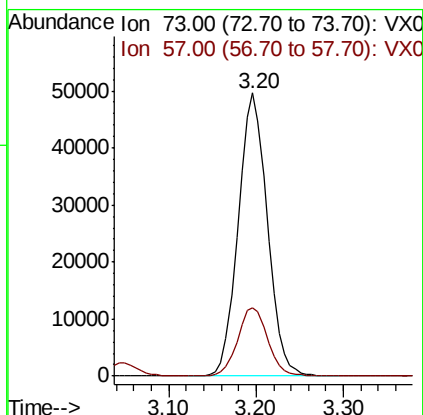
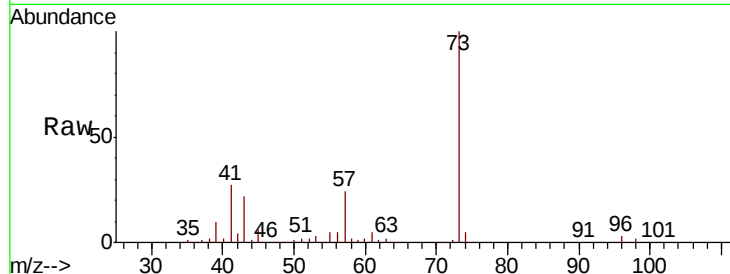




#19
Methvl tert-butvl Ether
Concen: 18.567 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

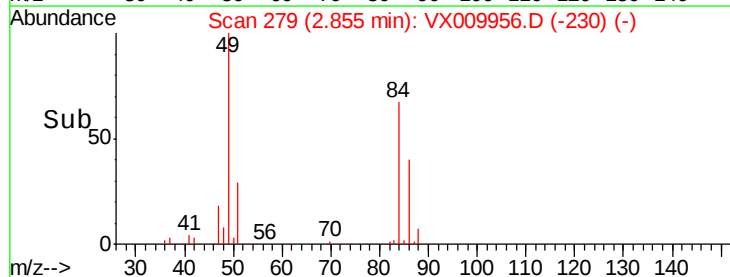
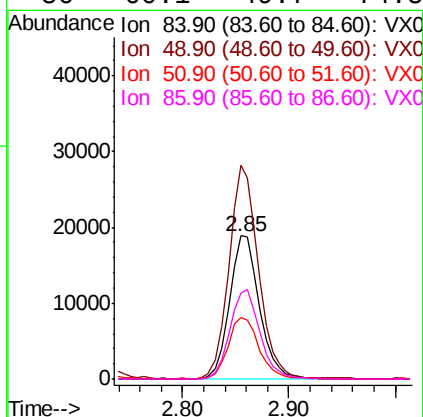
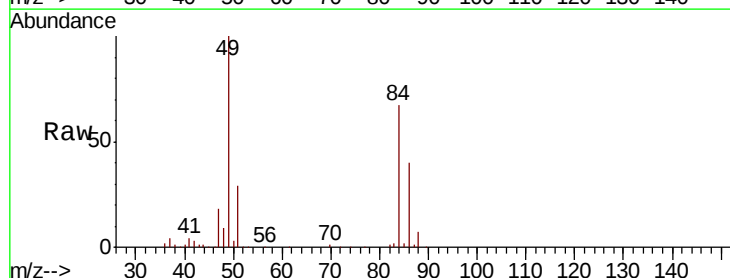
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

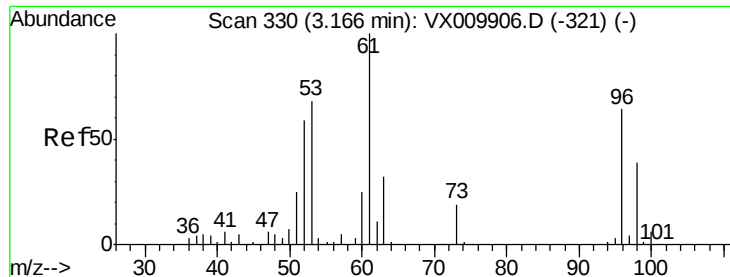
Tot Ion: 73 Resp: 114816
Ion Ratio Lower Upper
73 100
57 23.9 19.4 29.2



#20
Methylene Chloride
Concen: 18.393 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 84 Resp: 37180
Ion Ratio Lower Upper
84 100
49 148.6 115.8 173.6
51 43.1 34.4 51.6
86 60.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.863 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

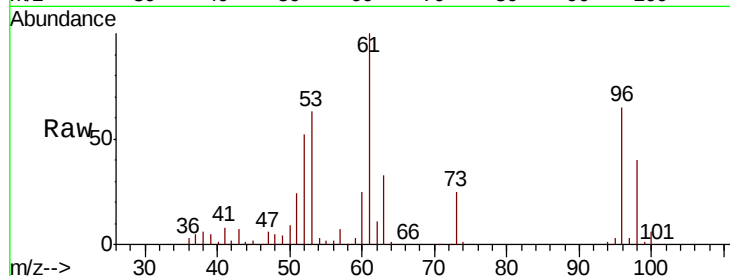
Tot Ion: 96 Resp: 32556

Ion Ratio Lower Upper

96 100

61 154.2 125.7 188.5

98 61.6 49.0 73.6

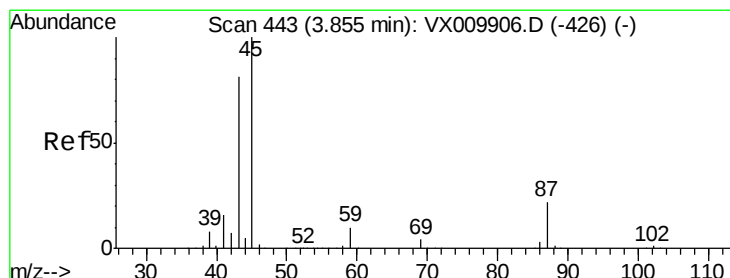
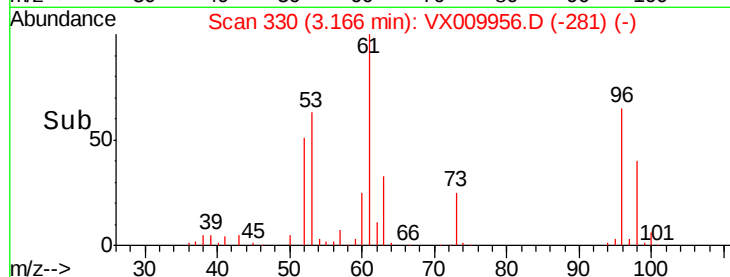
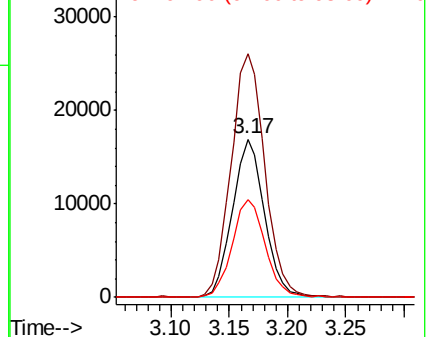


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.280 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion: 45 Resp: 146041

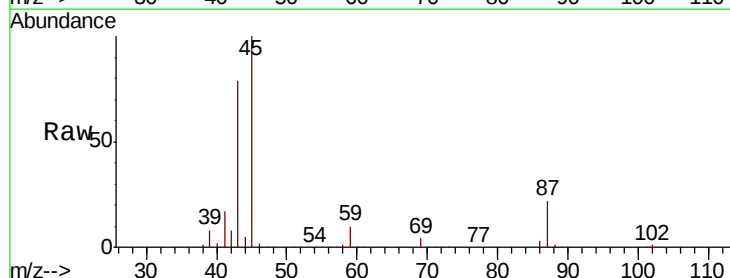
Ion Ratio Lower Upper

45 100

43 79.2 65.0 97.4

87 22.1 17.3 25.9

59 10.2 8.1 12.1



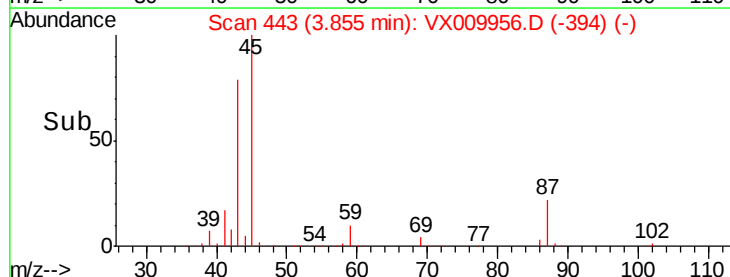
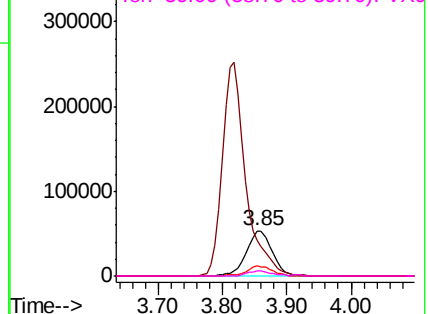
Abundance

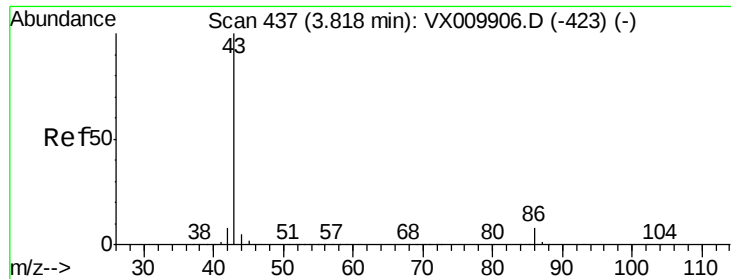
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.770 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

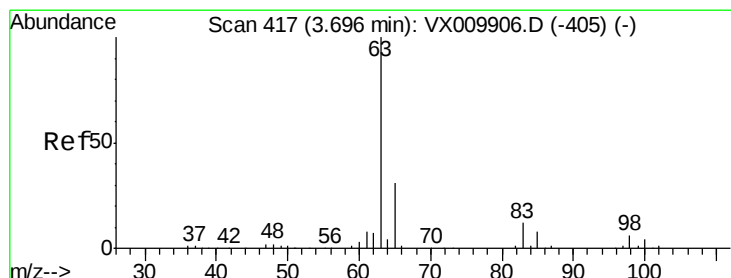
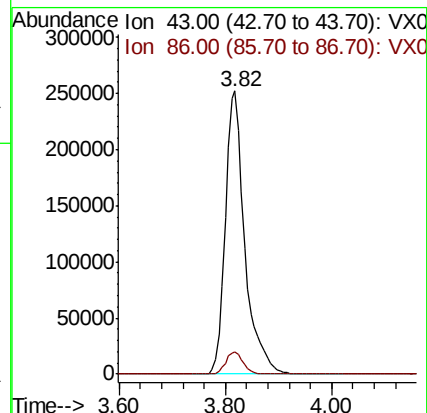
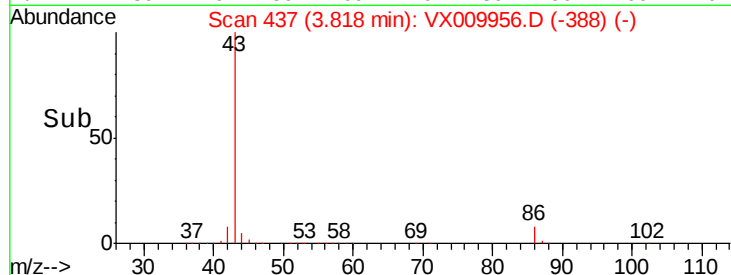
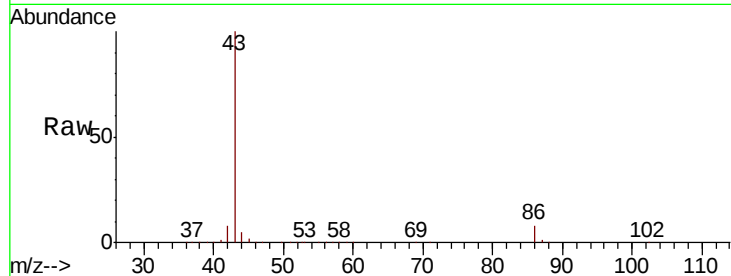
VX0530WBSD01

Tot Ion: 43 Resp: 644890

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 18.958 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

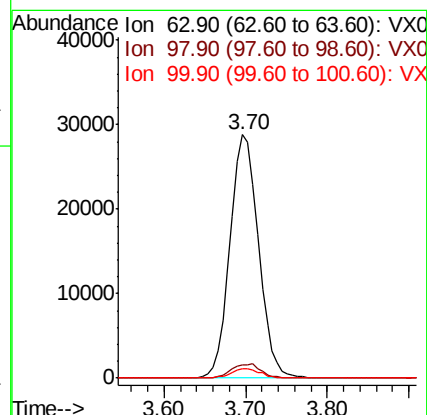
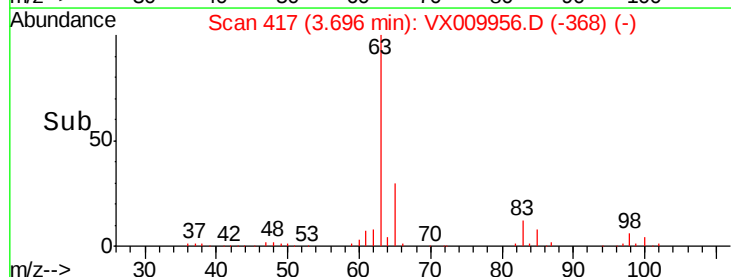
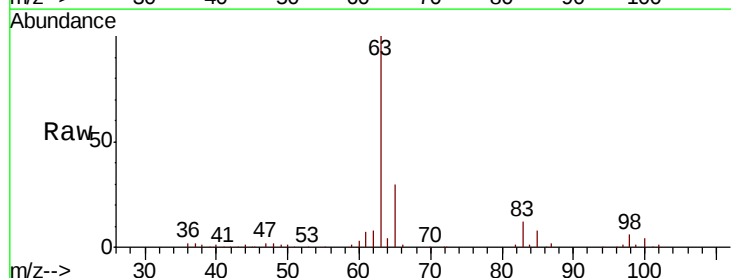
Tgt Ion: 63 Resp: 69591

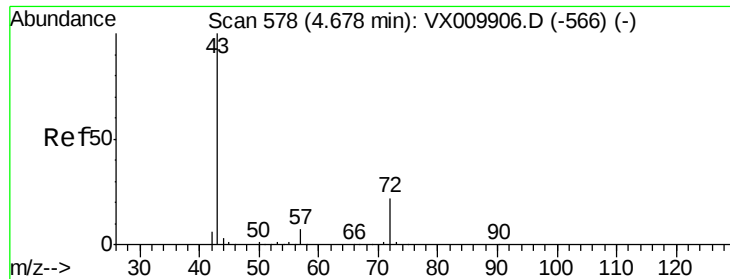
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.9 1.8 5.4





#25

2-Butanone

Concen: 95.800 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

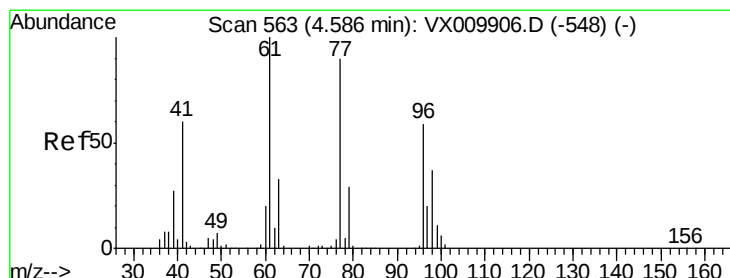
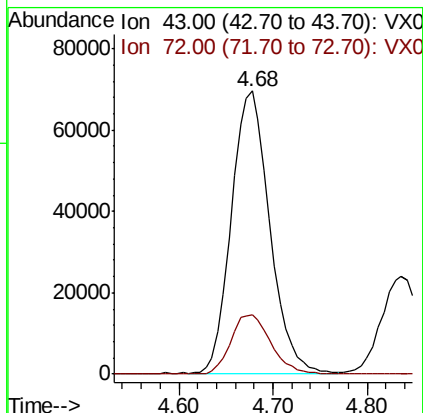
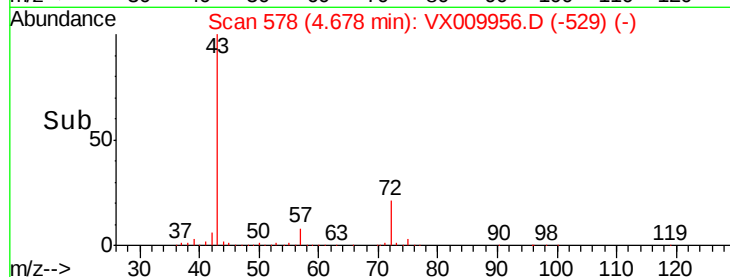
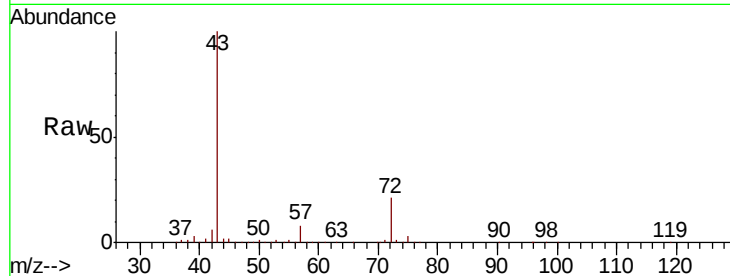
VX0530WBSD01

Tot Ion: 43 Resp: 197022

Ion Ratio Lower Upper

43 100

72 20.9 17.5 26.3



#26

2,2-Dichloropropane

Concen: 17.890 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009956.D

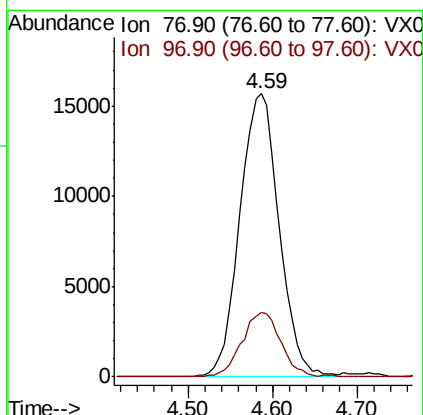
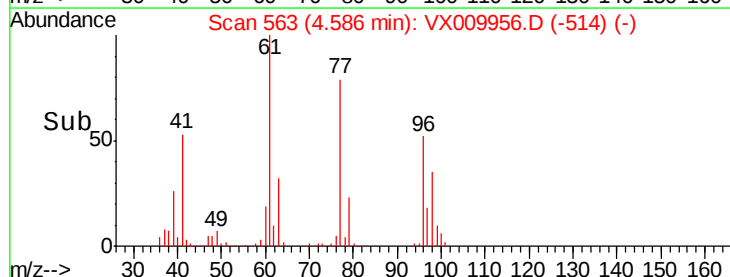
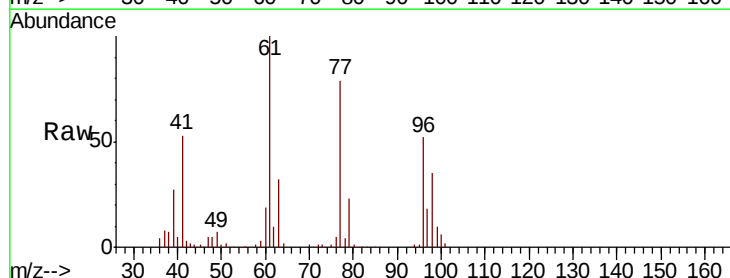
Acq: 30 May 2019 13:31

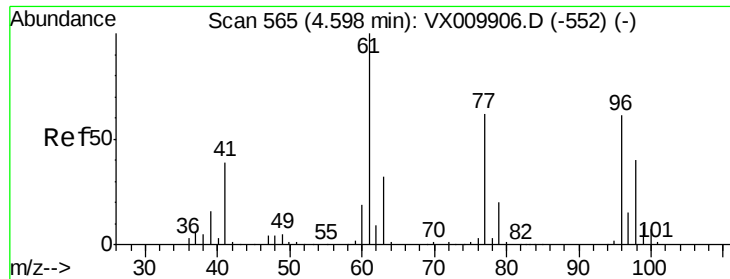
Tgt Ion: 77 Resp: 49678

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2



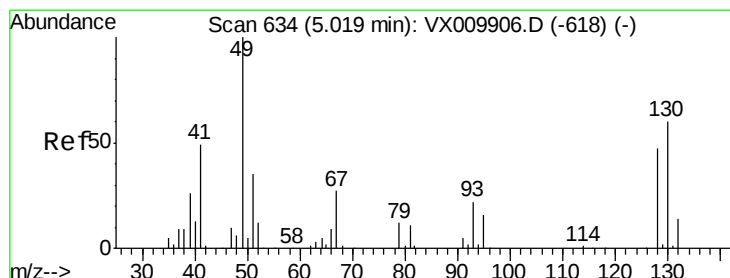
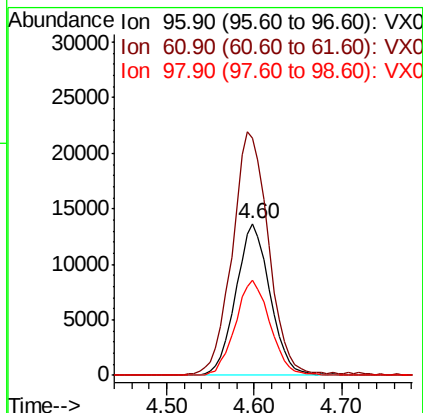
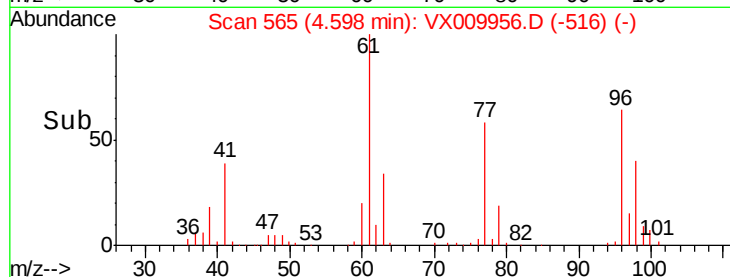
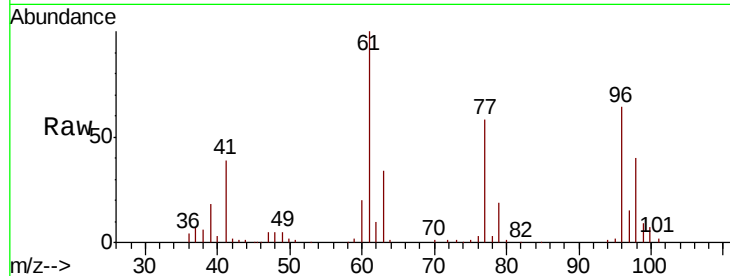


#27

cis-1,2-Dichloroethene
 Concen: 17.715 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

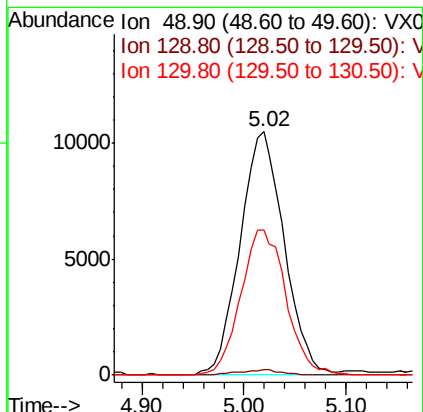
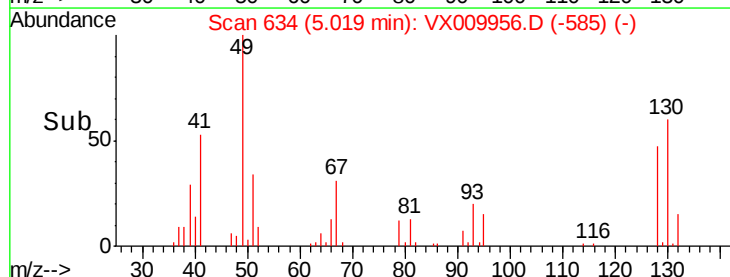
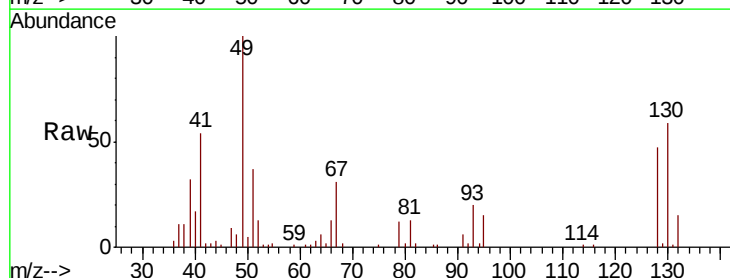
Tot Ion	96	Resp	37269
Ion	Ratio	Lower	Upper
96	100		
61	169.4	0.0	334.0
98	63.8	0.0	131.6

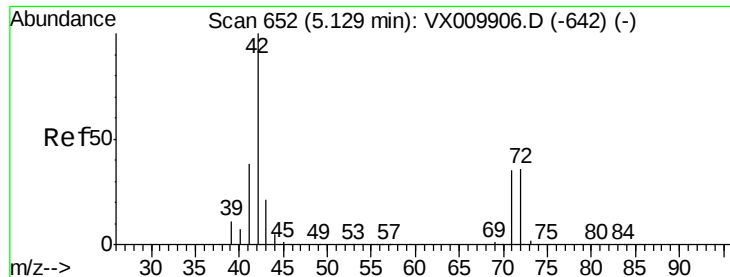


#28

Bromochloromethane
 Concen: 16.560 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	49	Resp	31546
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.4
130	61.0	49.4	74.2

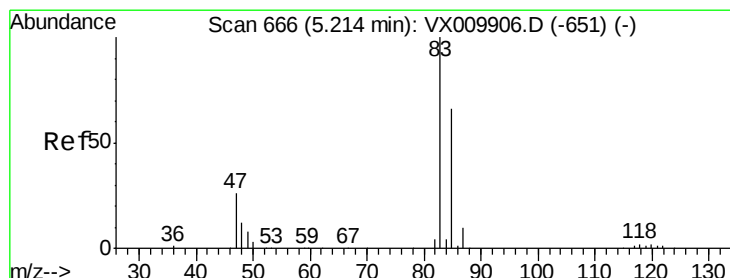
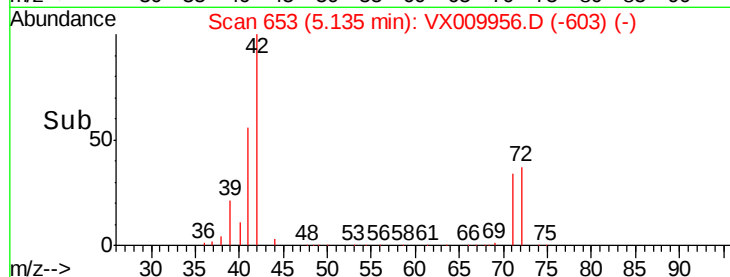
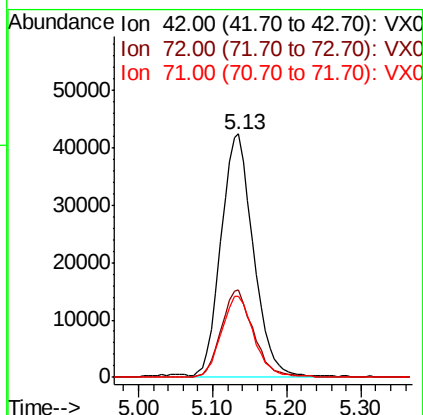
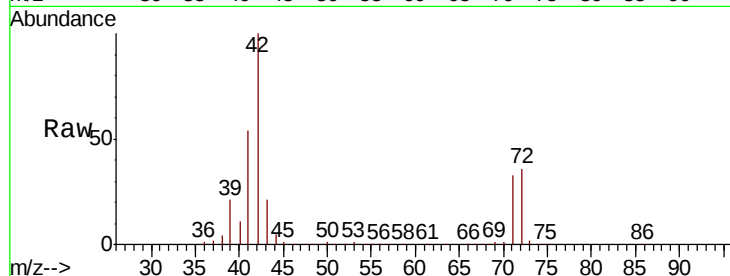




#29
Tetrahydrofuran
Concen: 96.631 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

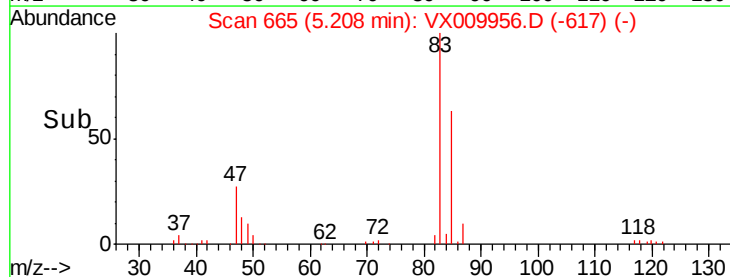
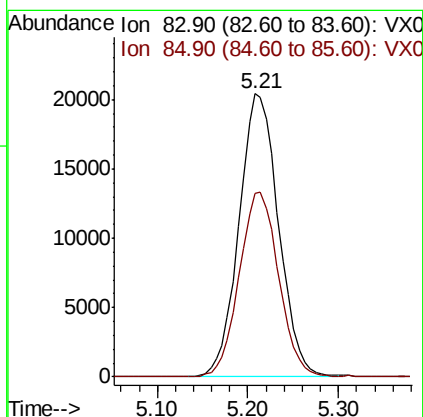
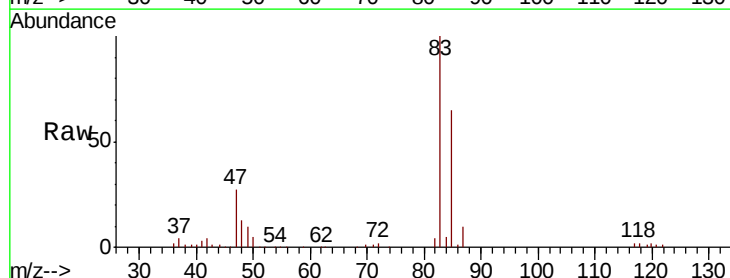
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

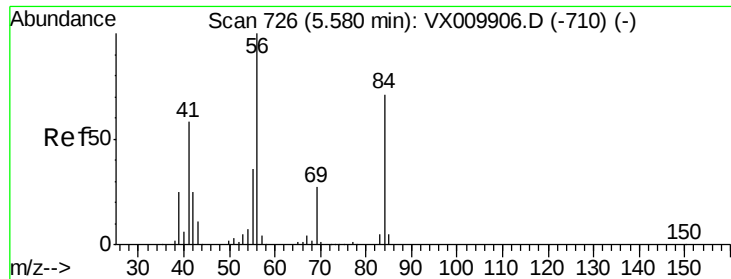
Tot Ion: 42 Resp: 127439
Ion Ratio Lower Upper
42 100
72 36.2 29.2 43.8
71 33.8 27.6 41.4



#30
Chloroform
Concen: 18.628 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 83 Resp: 61670
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8

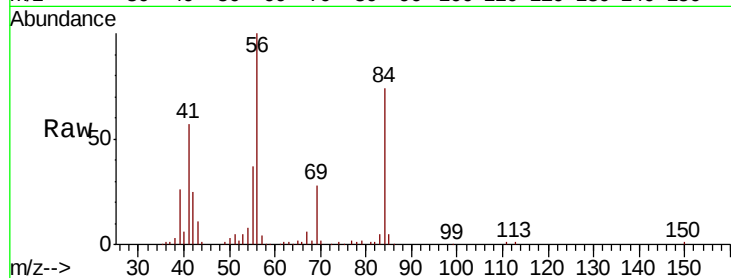




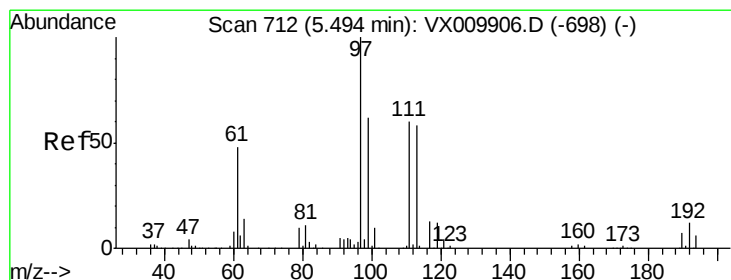
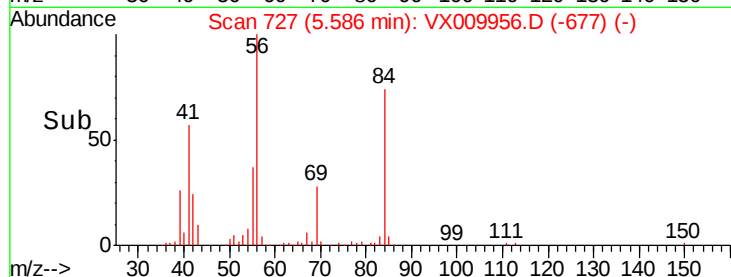
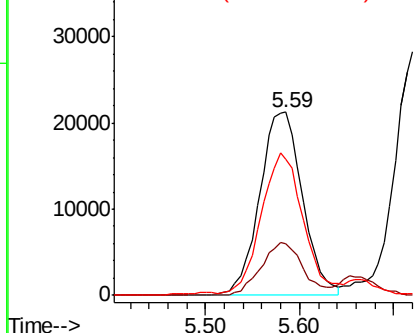
#31
Cyclohexane
Concen: 19.437 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion: 56 Resp: 67577
Ion Ratio Lower Upper
56 100
69 28.1 21.6 32.4
84 73.2 56.8 85.2

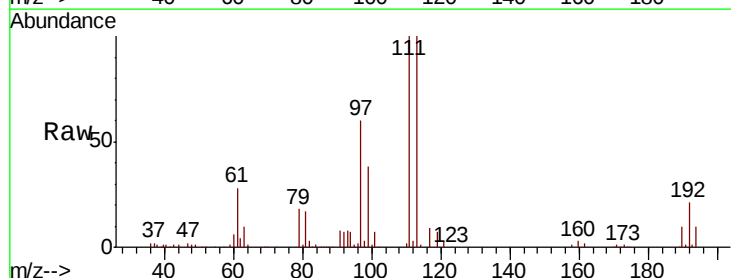


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

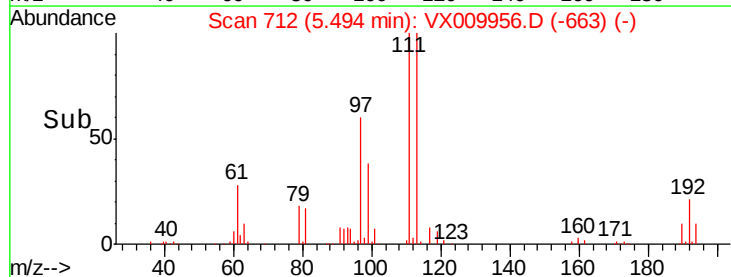
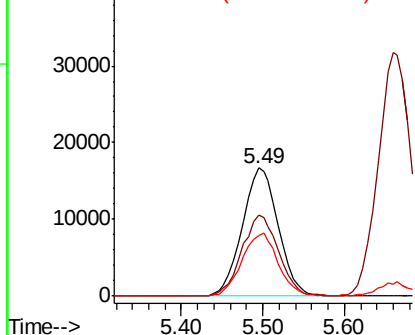


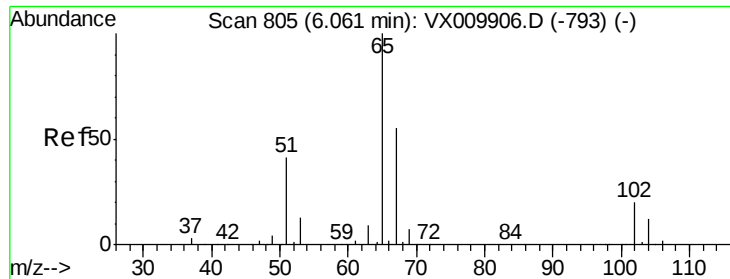
#32
1,1,1-Trichloroethane
Concen: 19.010 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 97 Resp: 51253
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 49.6 38.7 58.1



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





#33

1,2-Dichloroethane-d4

Concen: 49.396 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

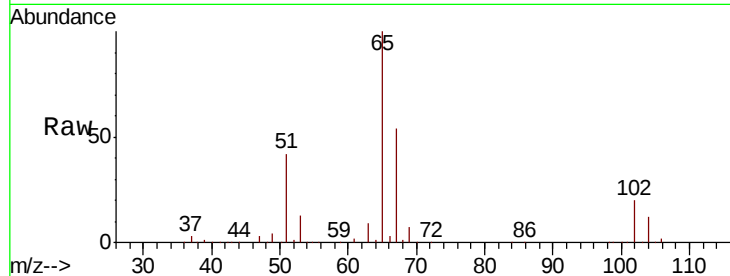
VX0530WBSD01

Tot Ion: 65 Resp: 112855

Ion Ratio Lower Upper

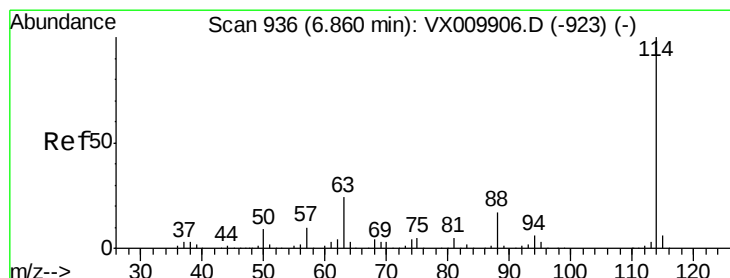
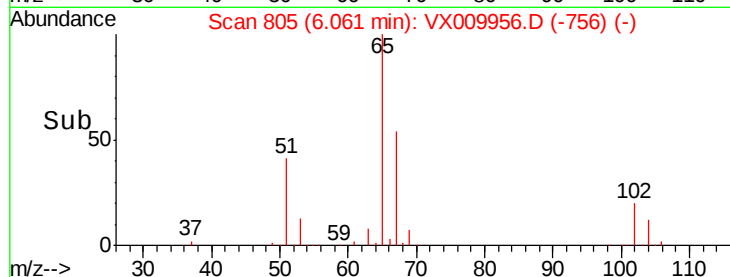
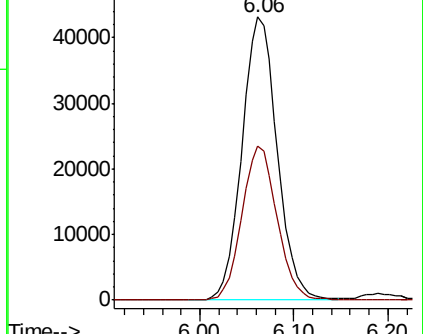
65 100

67 54.2 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

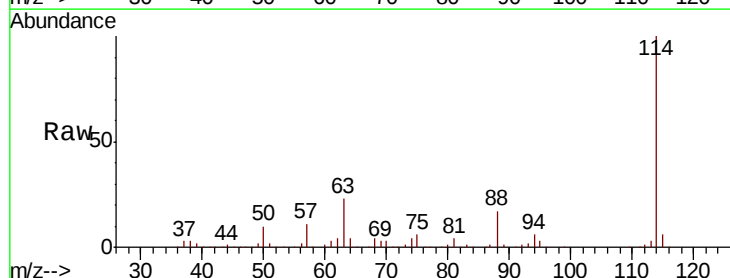
Tgt Ion: 114 Resp: 255677

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

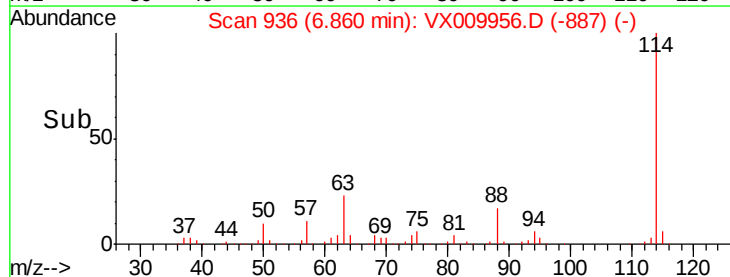
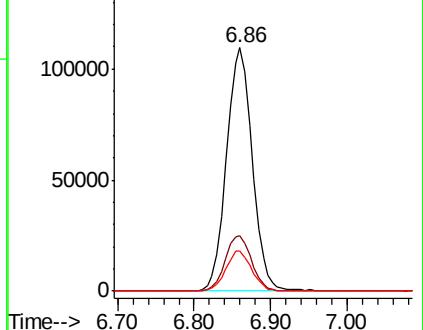
88 16.6 0.0 33.0

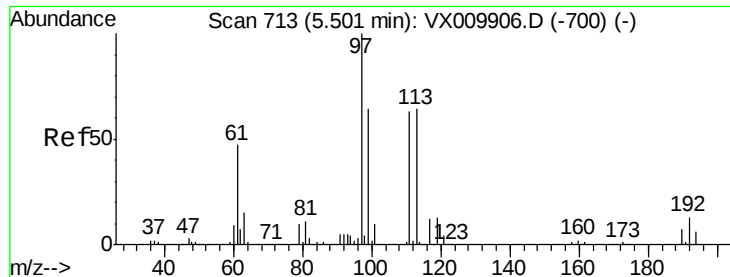


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.244 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

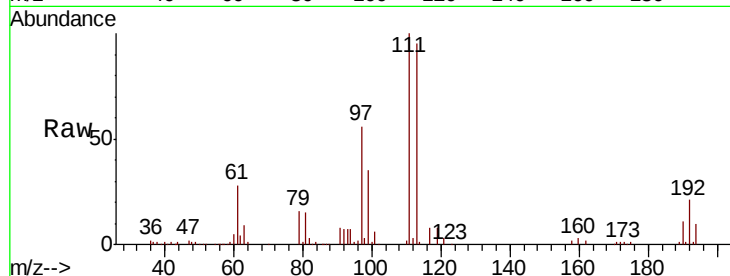
Tot Ion:113 Resp: 80765

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 21.5 17.1 25.7

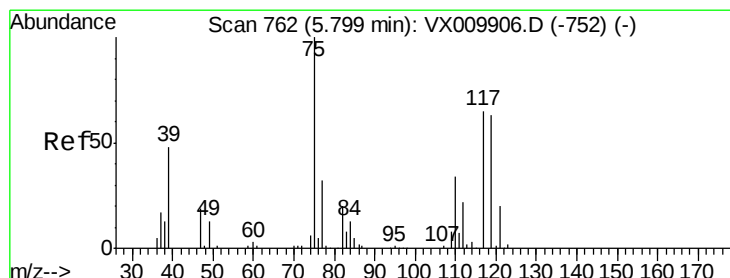
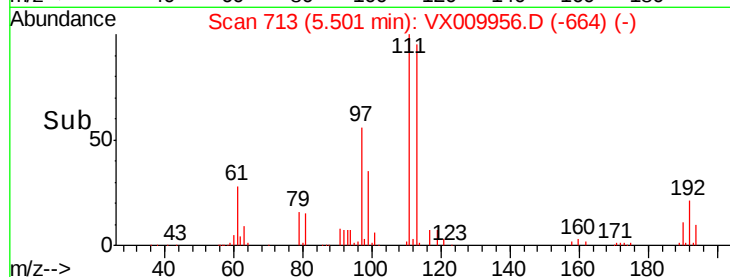
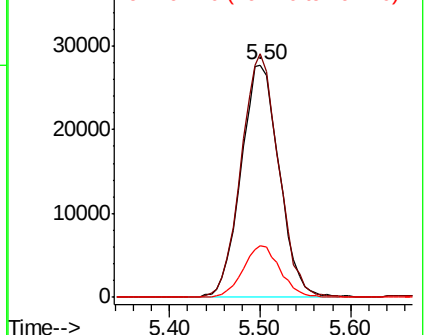


Abundance

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: 18.252 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

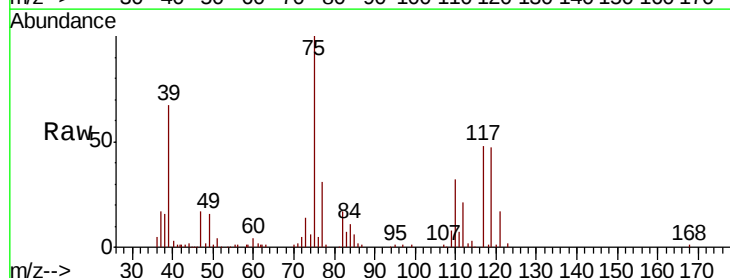
Tgt Ion: 75 Resp: 47349

Ion Ratio Lower Upper

75 100

110 33.2 16.7 50.1

77 32.1 25.0 37.4

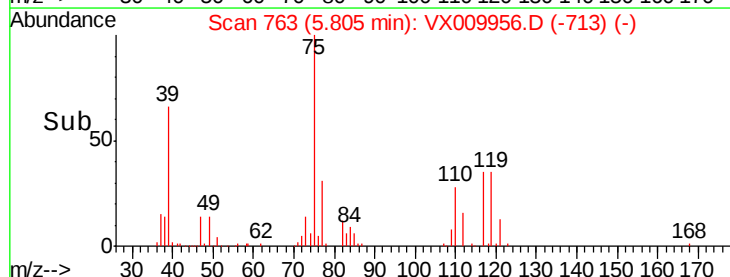
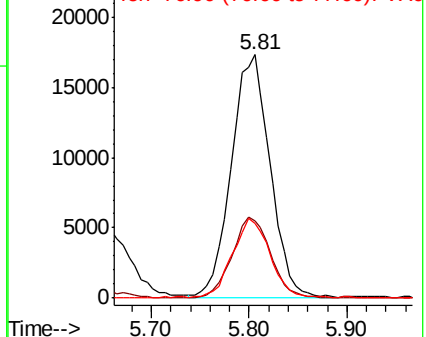


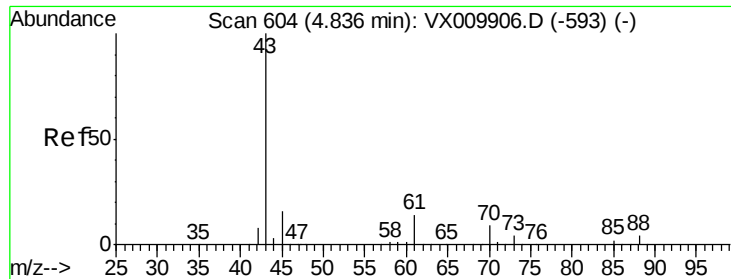
Abundance

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

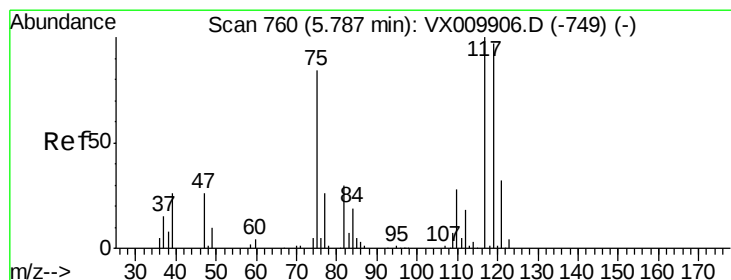
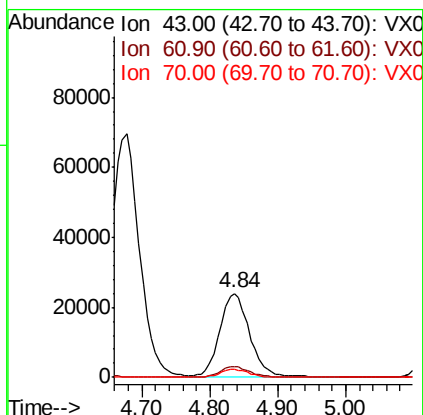
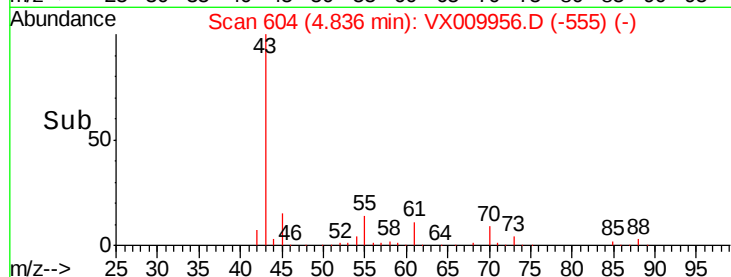
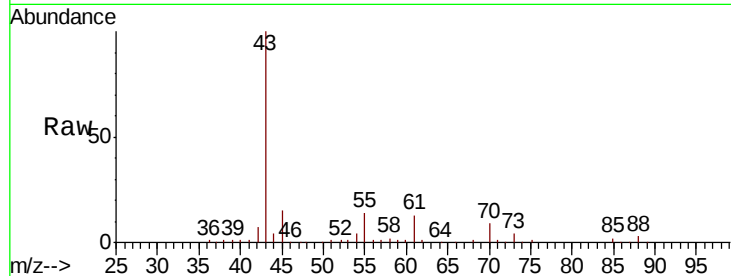




#37
Ethyl Acetate
Concen: 19.954 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

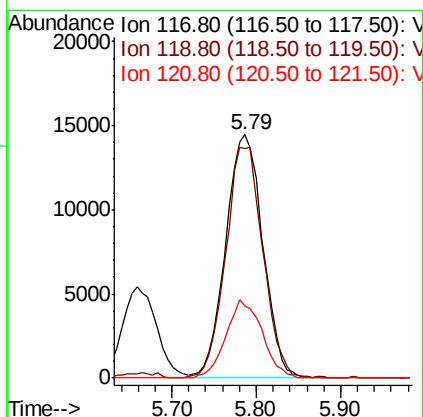
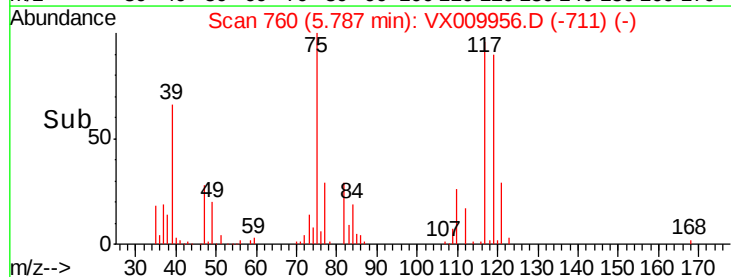
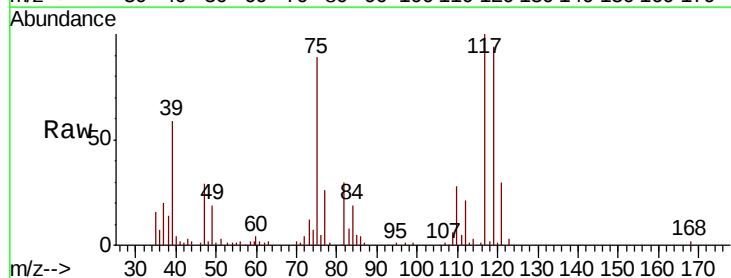
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

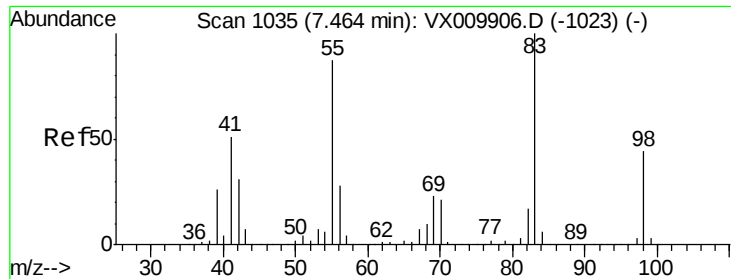
Tot Ion: 43 Resp: 72126
Ion Ratio Lower Upper
43 100
61 12.2 10.2 15.2
70 9.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.368 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 117 Resp: 43417
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 29.6 25.4 38.0

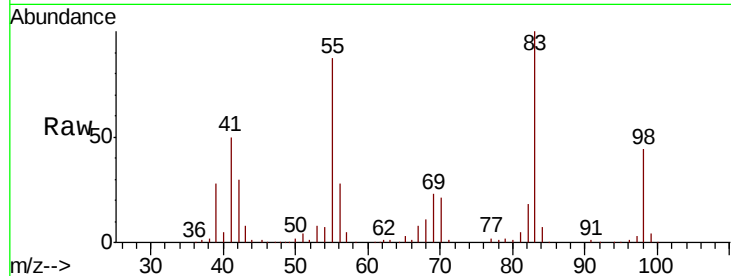




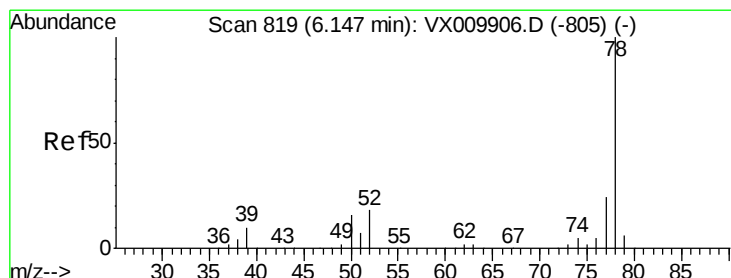
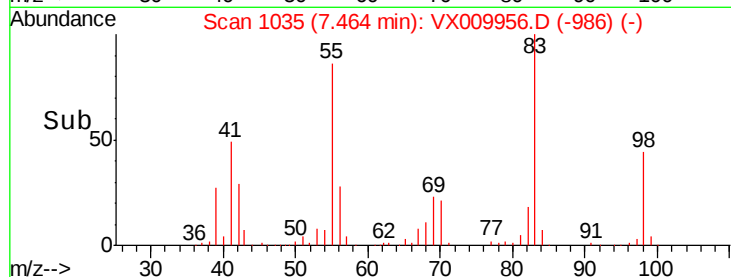
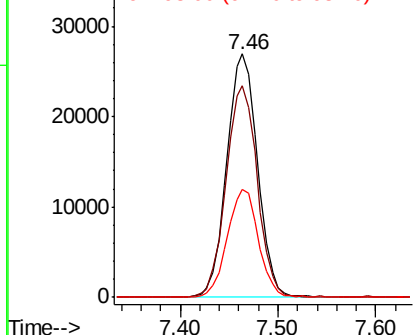
#39
Methvlcvclohexane
Concen: 19.102 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion: 83 Resp: 58778
Ion Ratio Lower Upper
83 100
55 86.5 69.9 104.9
98 44.3 35.1 52.7

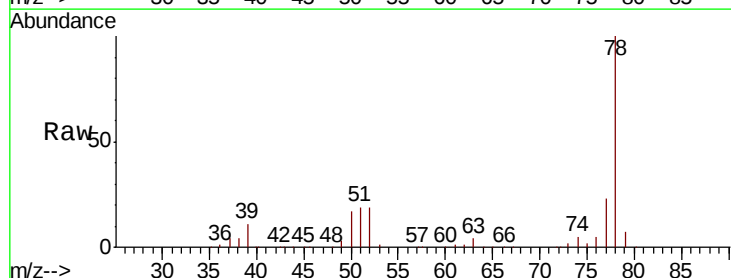


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

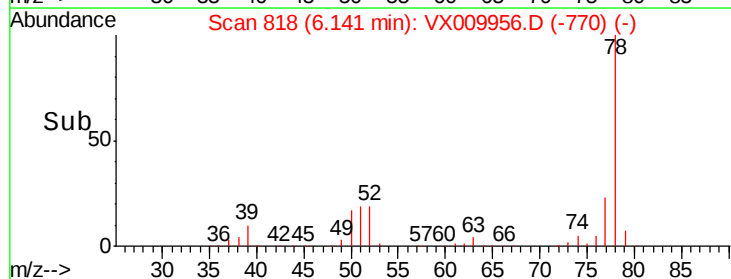
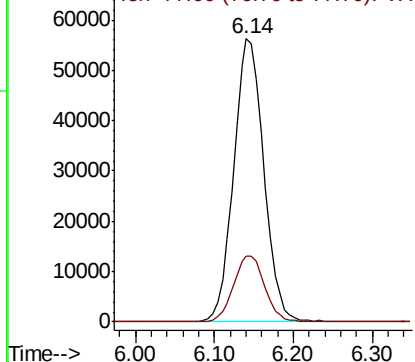


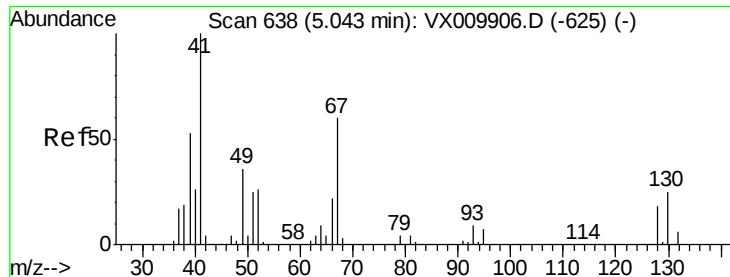
#40
Benzene
Concen: 19.428 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 78 Resp: 149503
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



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





#41

Methacrylonitrile

Concen: 19.285 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 41 Resp: 40733

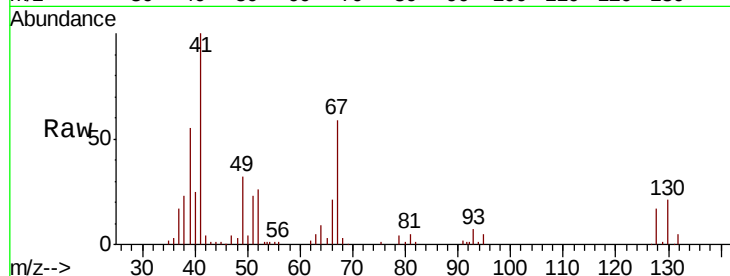
Ion Ratio Lower Upper

41 100

39 52.8 42.2 63.4

67 60.3 48.9 73.3

52 26.9 20.1 30.1

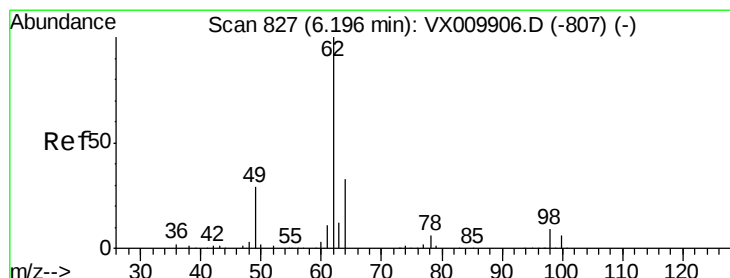
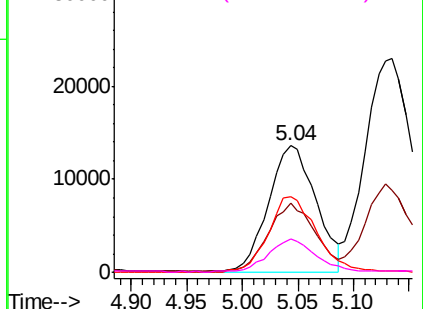
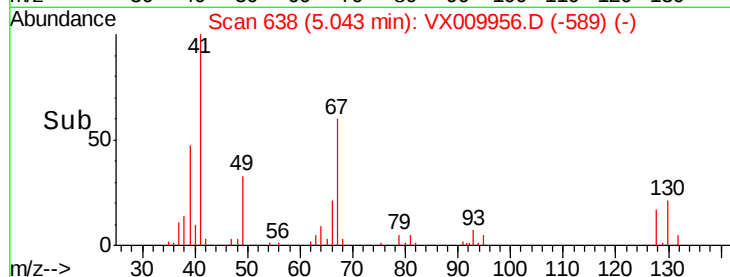


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.252 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX009956.D

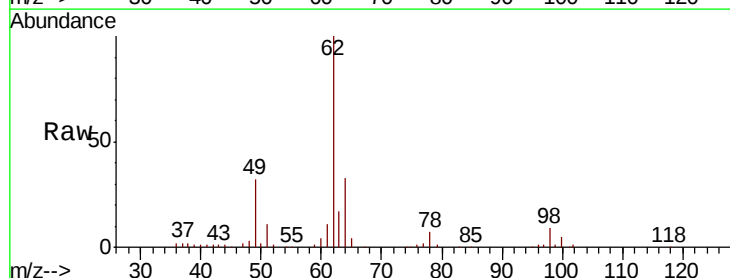
Acq: 30 May 2019 13:31

Tgt Ion: 62 Resp: 54770

Ion Ratio Lower Upper

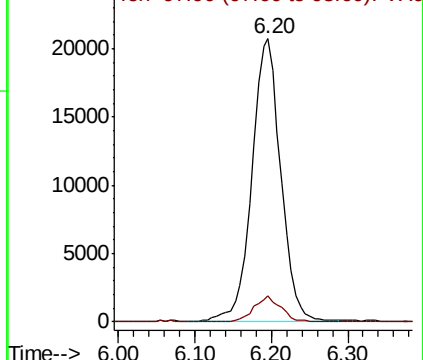
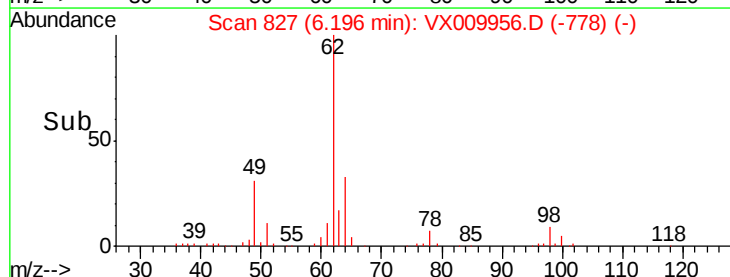
62 100

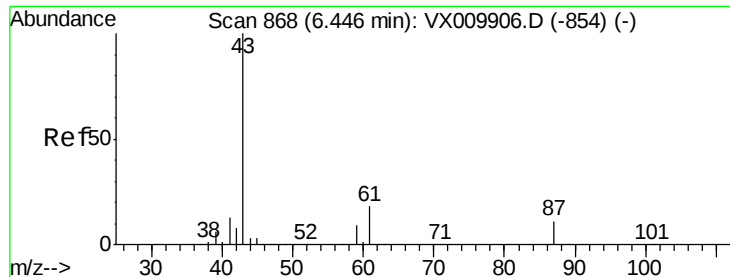
98 8.4 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.858 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

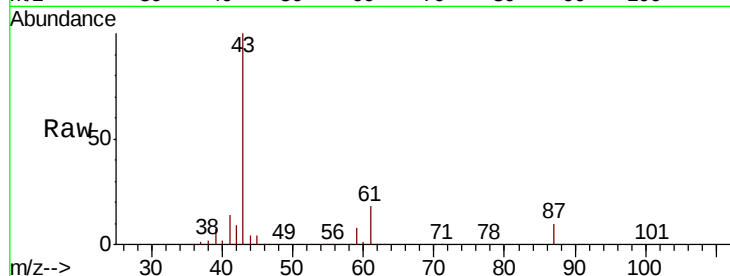
Tot Ion: 43 Resp: 109987

Ion Ratio Lower Upper

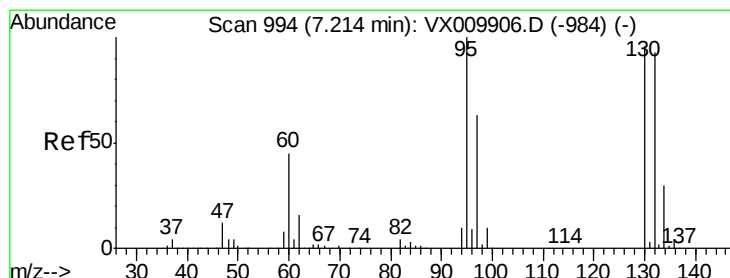
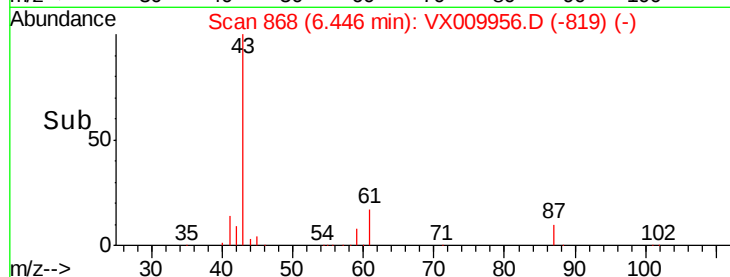
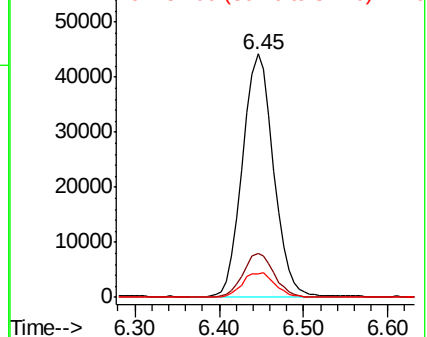
43 100

61 18.3 14.6 21.8

87 10.7 8.7 13.1



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



#44

Trichloroethene

Concen: 18.463 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009956.D

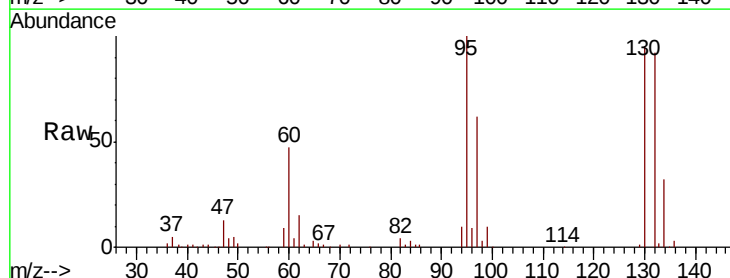
Acq: 30 May 2019 13:31

Tgt Ion:130 Resp: 34512

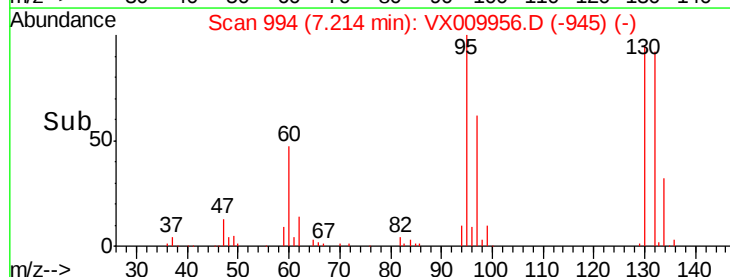
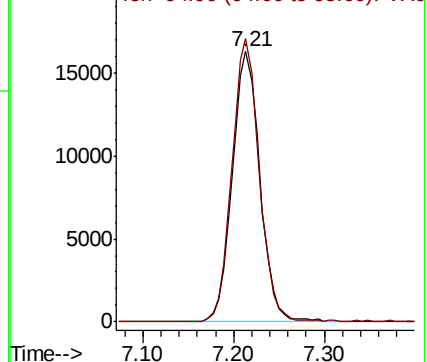
Ion Ratio Lower Upper

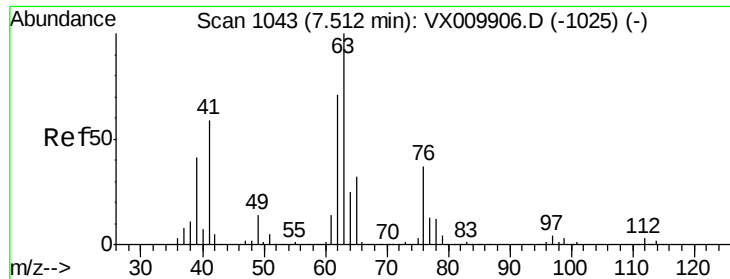
130 100

95 104.8 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 19.036 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

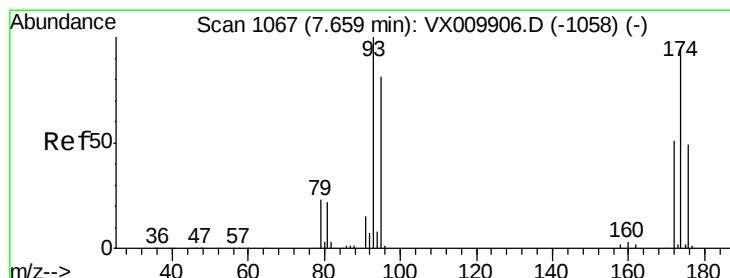
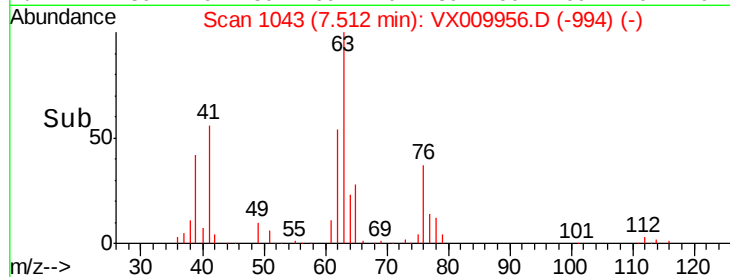
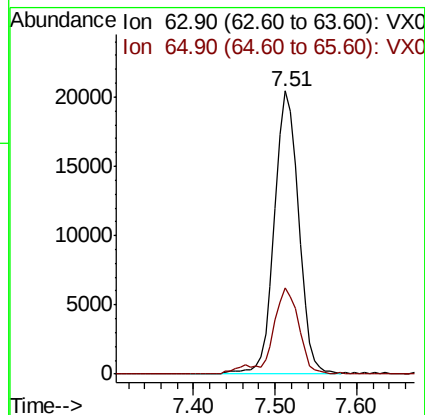
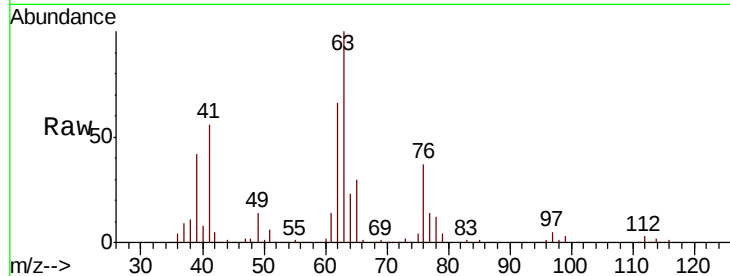
VX0530WBSD01

Tot Ion: 63 Resp: 42169

Ion Ratio Lower Upper

63 100

65 30.4 25.7 38.5



#46

Dibromomethane

Concen: 18.161 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

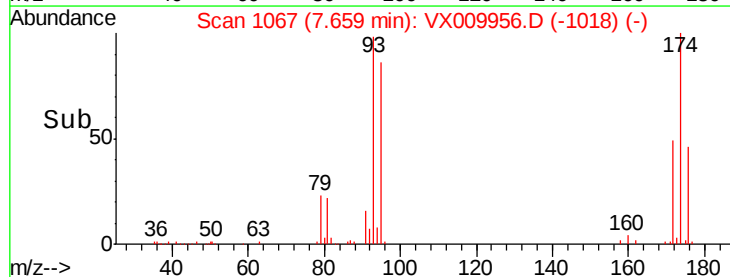
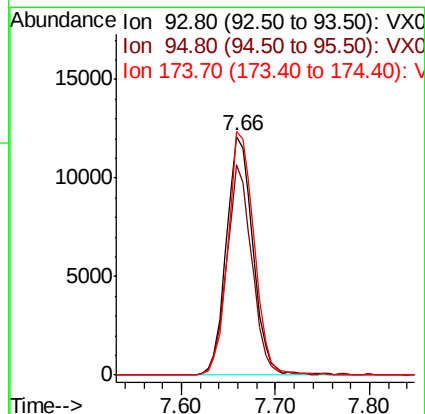
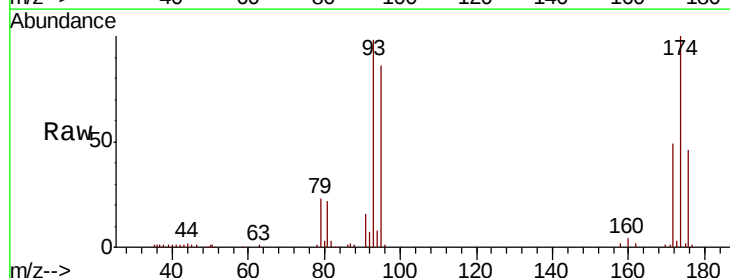
Tgt Ion: 93 Resp: 23681

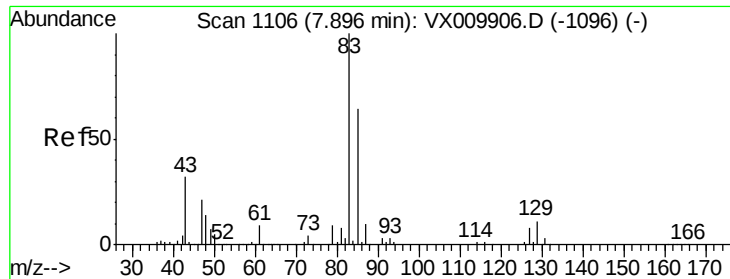
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 100.3 81.9 122.9

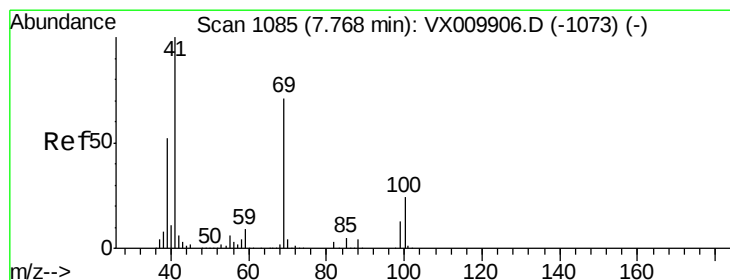
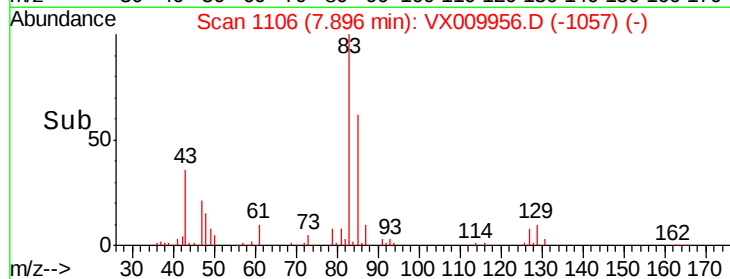
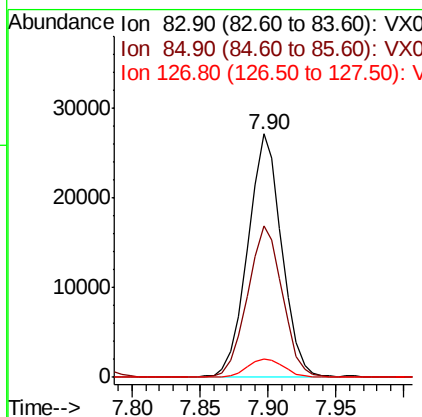
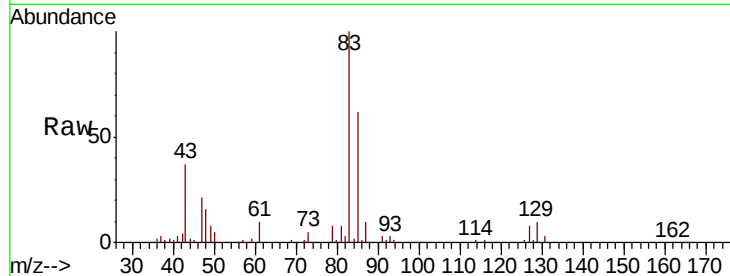




#47
 Bromodichloromethane
 Concen: 19.176 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

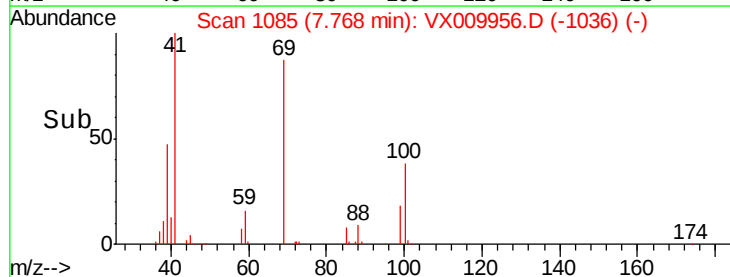
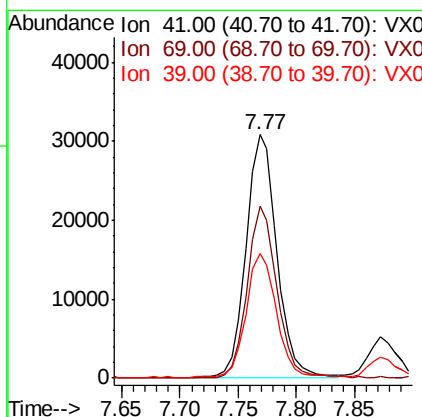
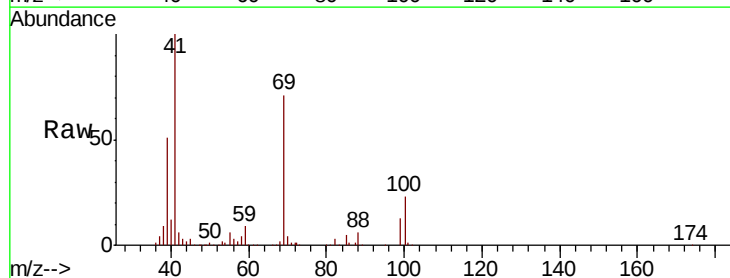
Instrument :
 MSVOA_X
 ClientSampled :
 VX0530WBSD01

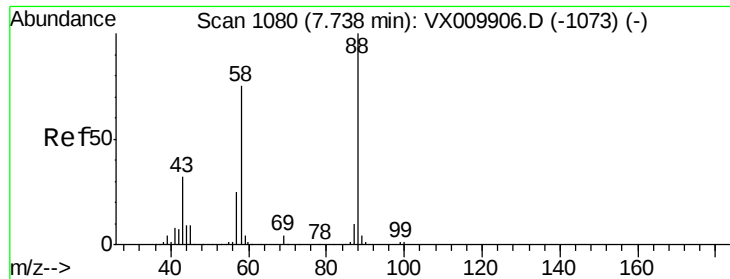
Tot Ion: 83 Resp: 47549
 Ion Ratio Lower Upper
 83 100
 85 62.4 51.4 77.2
 127 7.7 6.4 9.6



#48
 Methyl methacrylate
 Concen: 19.593 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion: 41 Resp: 56568
 Ion Ratio Lower Upper
 41 100
 69 69.4 56.4 84.6
 39 51.0 40.6 60.8

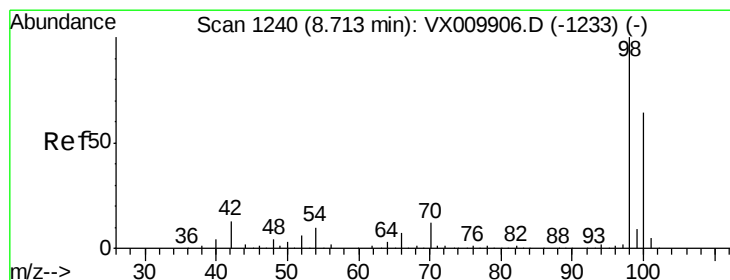
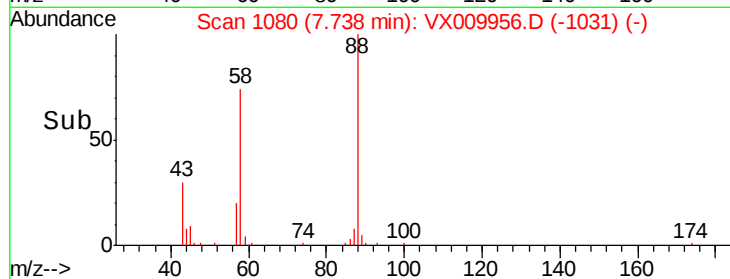
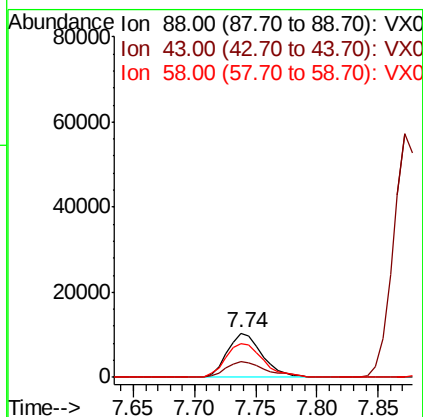
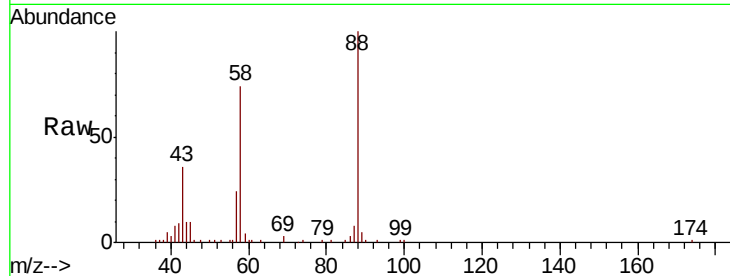




#49
 1,4-Dioxane
 Concen: 384.919 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

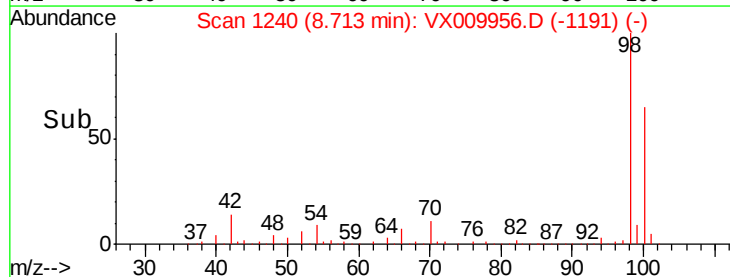
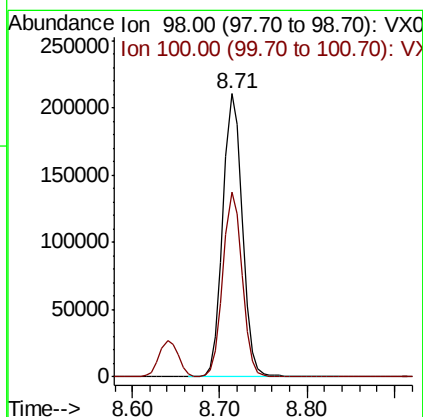
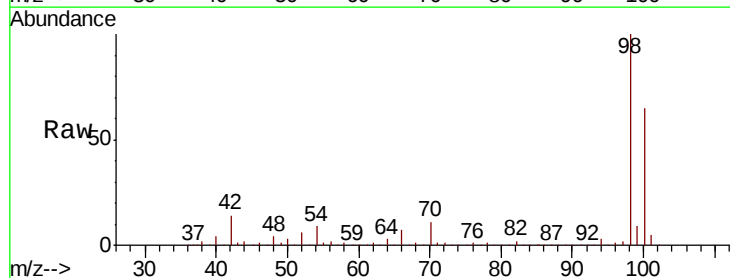
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

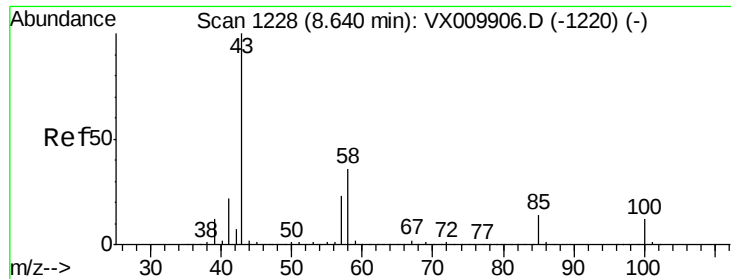
Tot Ion: 88 Resp: 20672
 Ion Ratio Lower Upper
 88 100
 43 41.1 30.2 45.4
 58 82.8 64.0 96.0



#50
 Toluene-d8
 Concen: 49.840 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion: 98 Resp: 325330
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 94.636 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

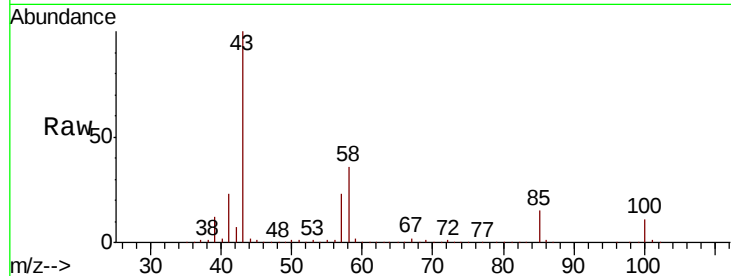
VX0530WBSD01

Tot Ion: 43 Resp: 359051

Ion Ratio Lower Upper

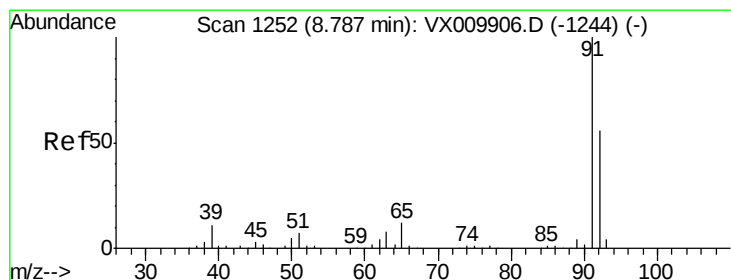
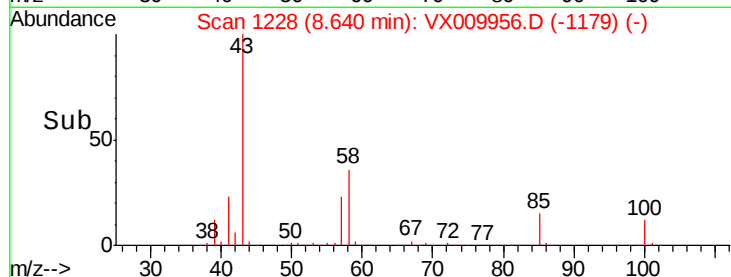
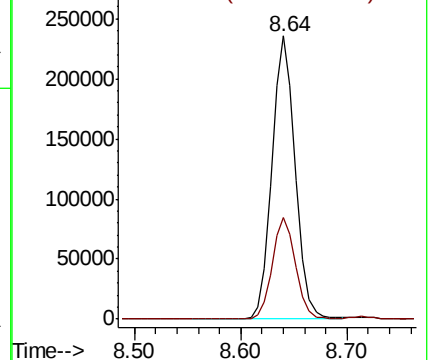
43 100

58 36.1 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.041 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009956.D

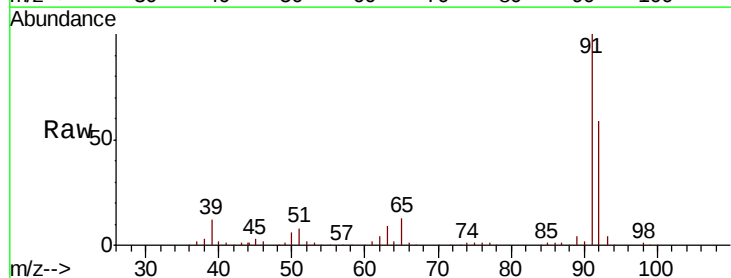
Acq: 30 May 2019 13:31

Tgt Ion: 92 Resp: 88968

Ion Ratio Lower Upper

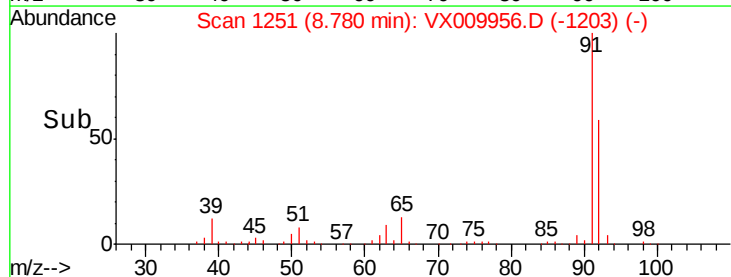
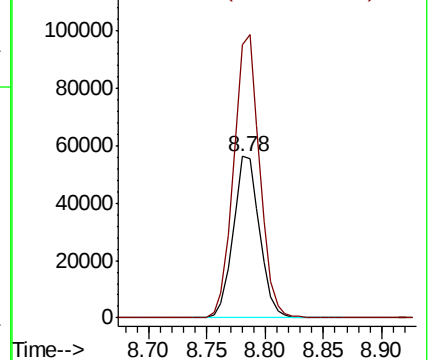
92 100

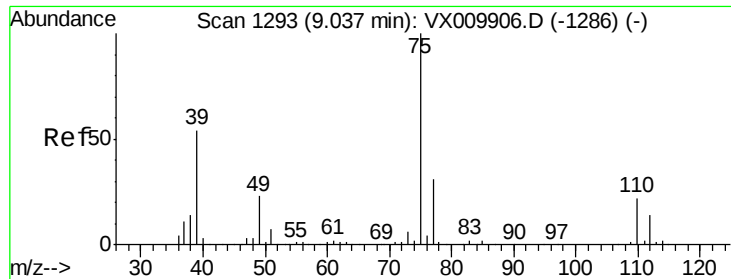
91 173.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

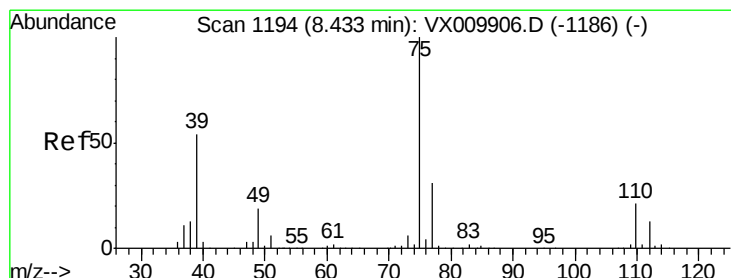
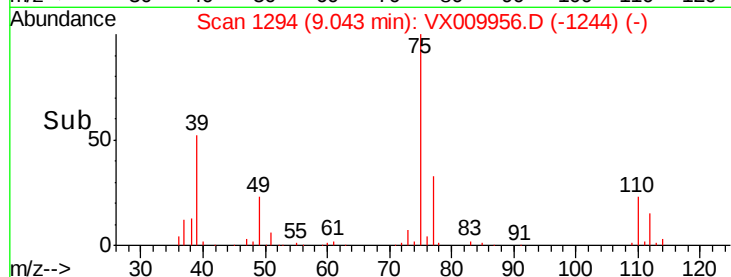
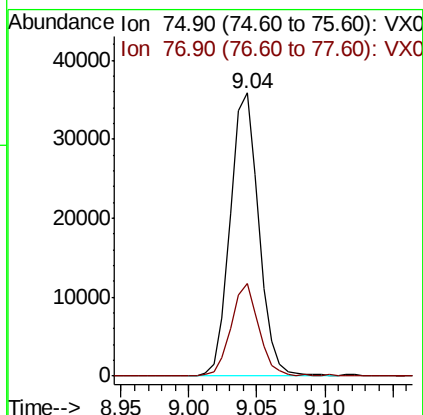
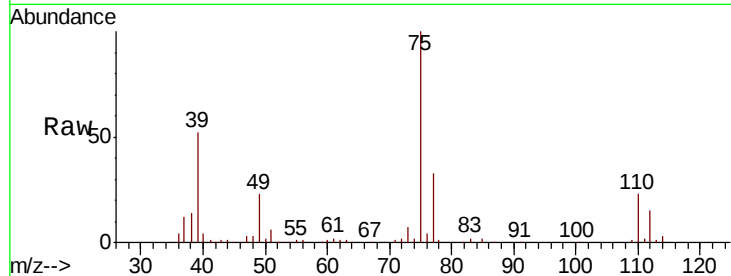




#53
 t-1,3-Dichloropropene
 Concen: 17.728 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

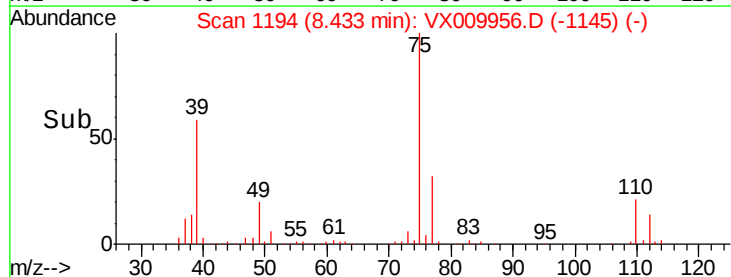
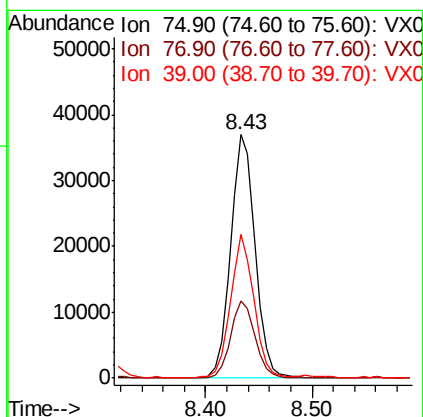
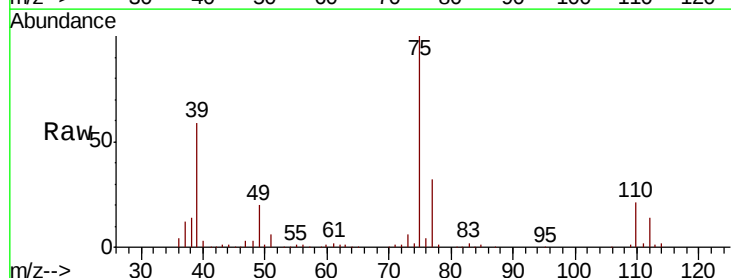
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

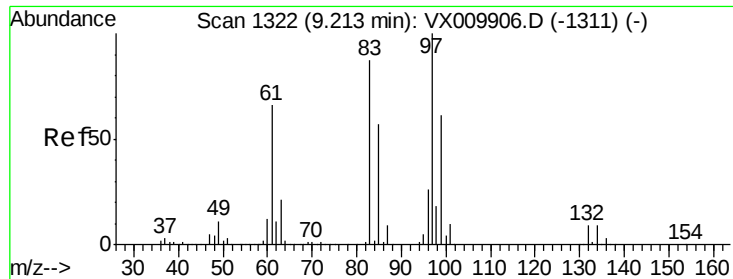
Tot Ion: 75 Resp: 52718
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.371 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion: 75 Resp: 59524
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 59.0 43.4 65.0

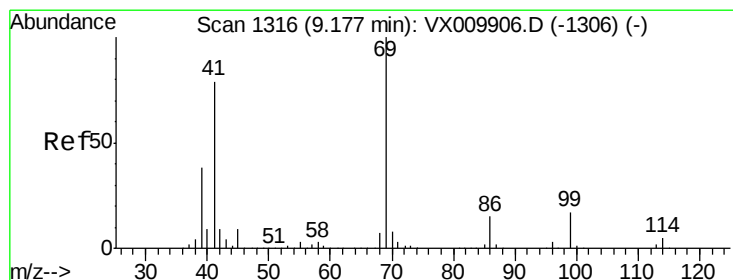
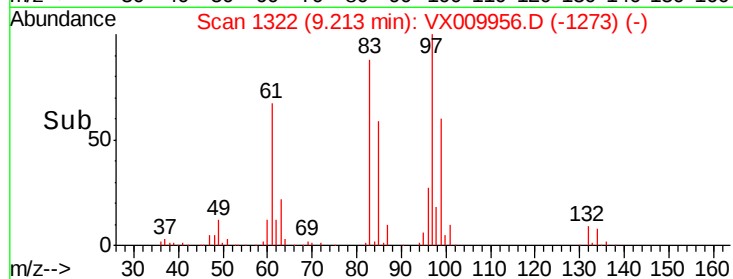
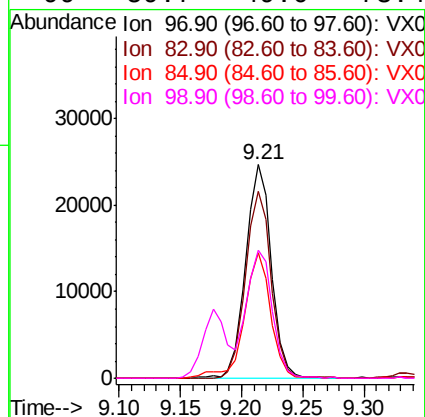
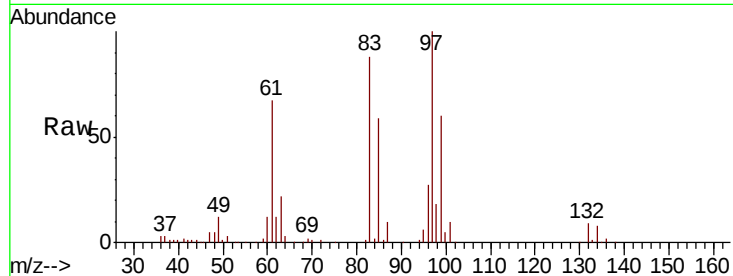




#55
 1,1,2-Trichloroethane
 Concen: 19.190 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

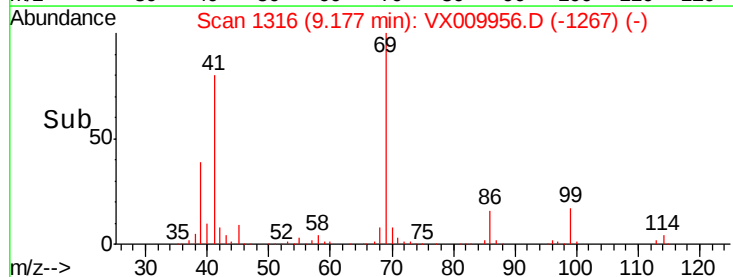
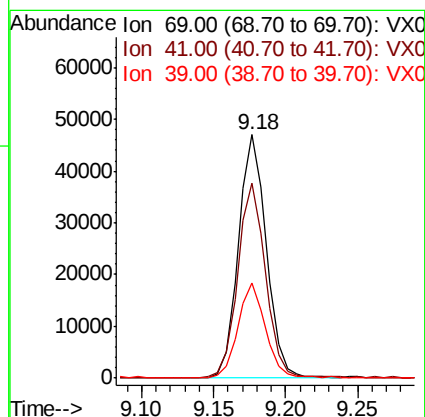
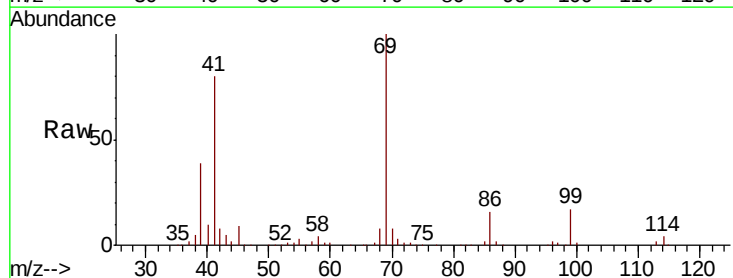
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

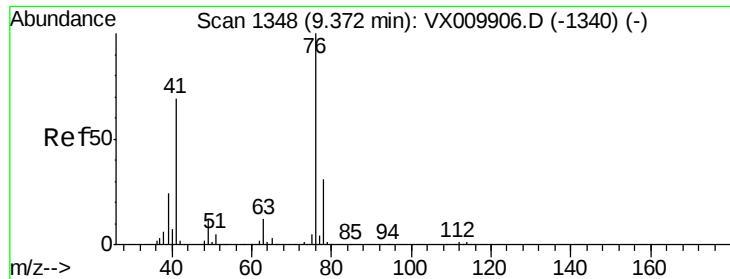
Tot Ion:	97	Resp:	36088
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.8	104.8
85	58.6	45.3	67.9
99	59.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.034 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion:	69	Resp:	63726
Ion	Ratio	Lower	Upper
69	100		
41	79.0	62.7	94.1
39	38.3	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.672 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

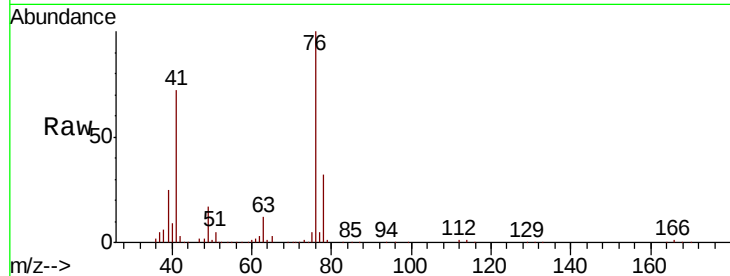
VX0530WBSD01

Tot Ion: 76 Resp: 63062

Ion Ratio Lower Upper

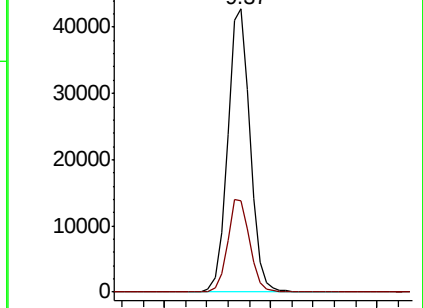
76 100

78 32.3 25.4 38.0

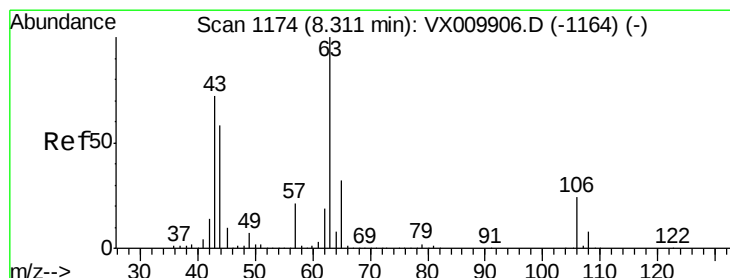
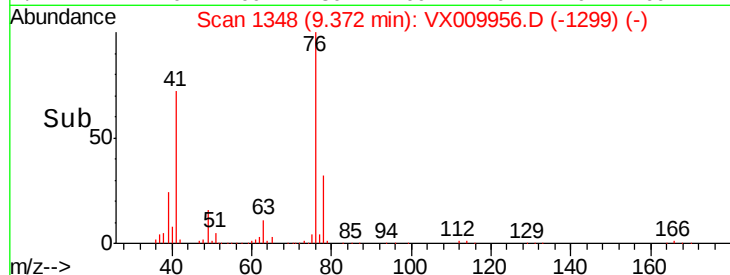


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 94.891 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009956.D

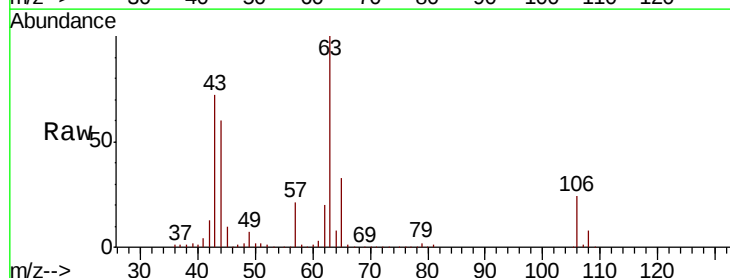
Acq: 30 May 2019 13:31

Tgt Ion: 63 Resp: 166590

Ion Ratio Lower Upper

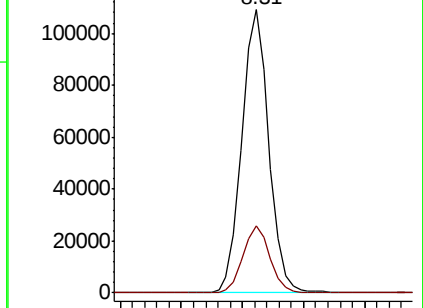
63 100

106 23.8 19.4 29.2

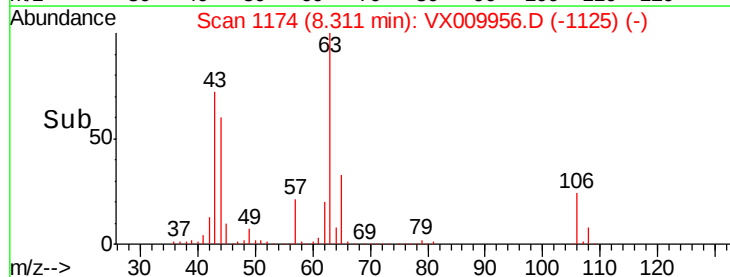


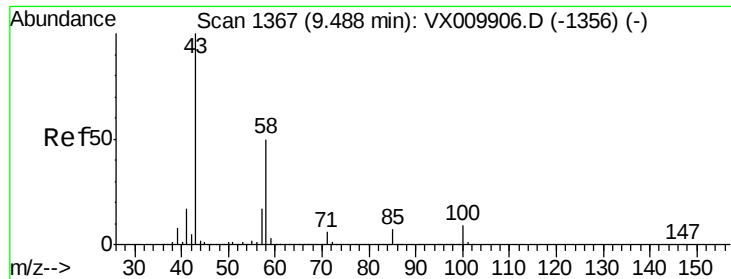
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

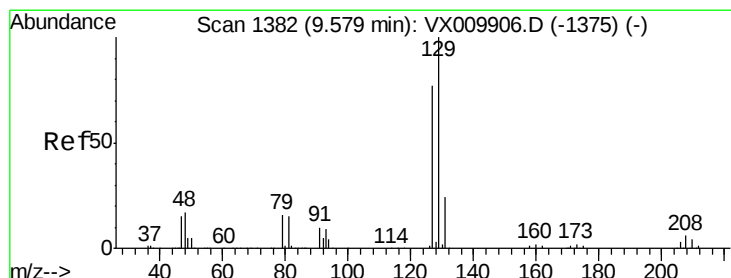
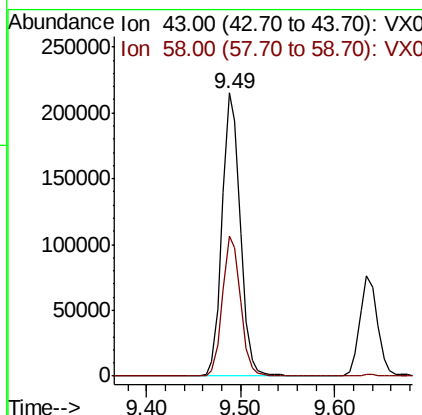
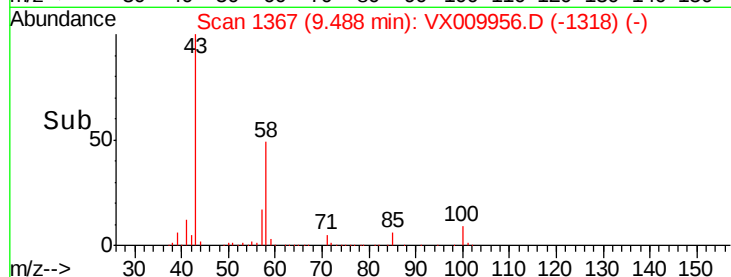
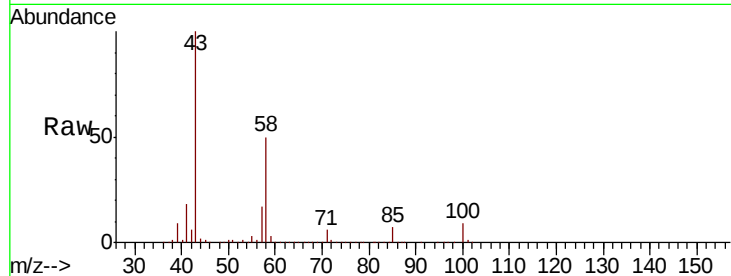




#59
2-Hexanone
Concen: 98.657 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

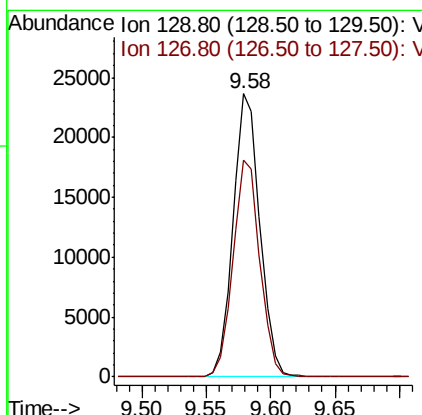
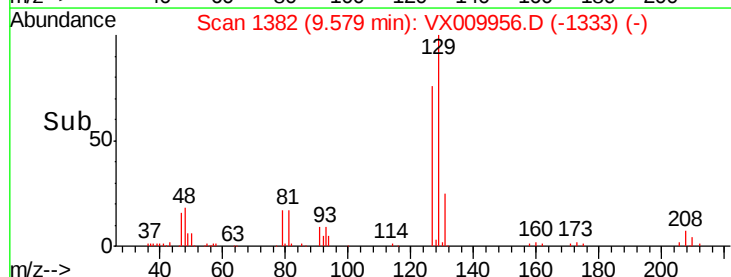
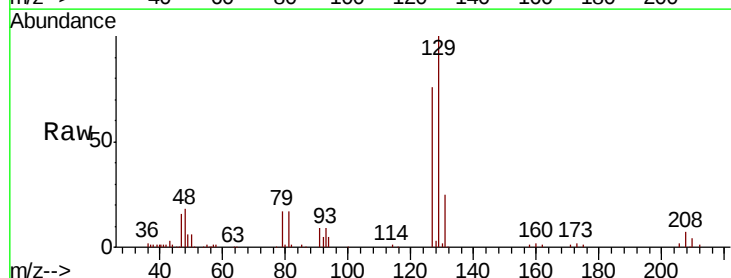
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

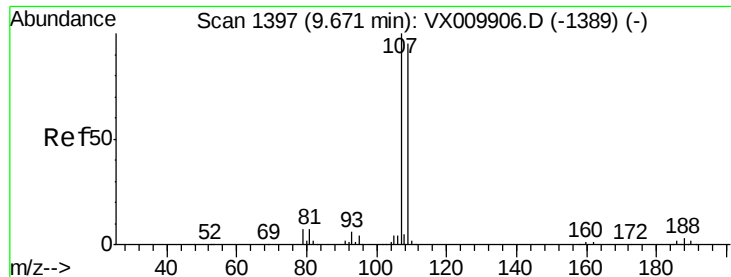
Tot Ion: 43 Resp: 288179
Ion Ratio Lower Upper
43 100
58 49.7 25.1 75.3



#60
Dibromochloromethane
Concen: 18.511 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion:129 Resp: 34243
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.770 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

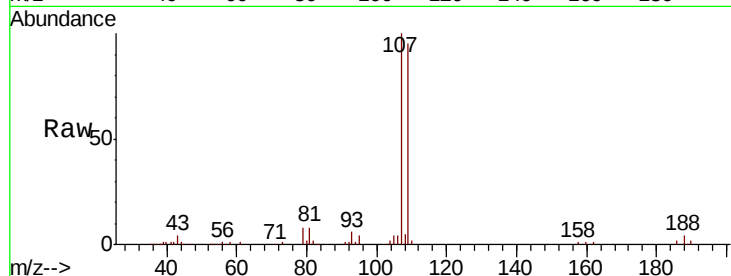
VX0530WBSD01

Tot Ion:107 Resp: 36264

Ion Ratio Lower Upper

107 100

109 94.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

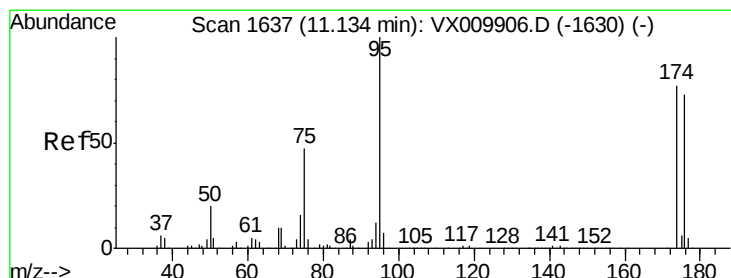
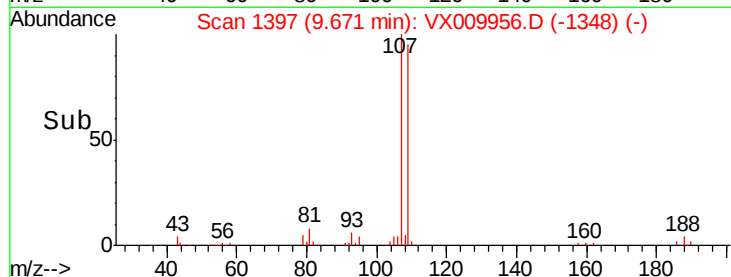
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

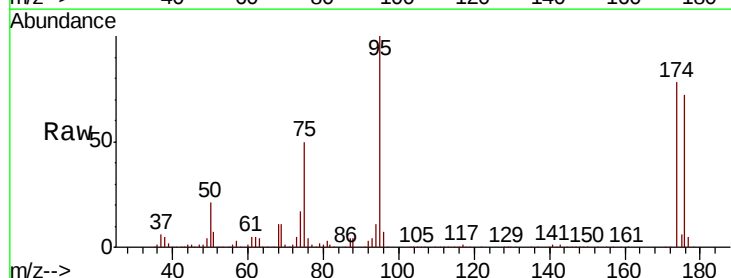
Tgt Ion: 95 Resp: 117663

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

176 77.9 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

120000

100000

80000

60000

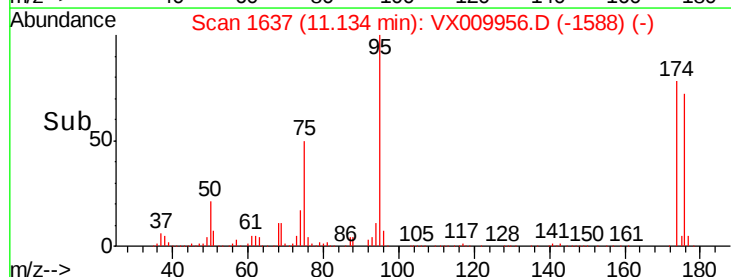
40000

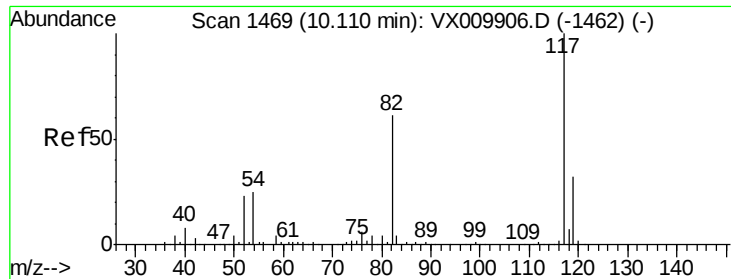
20000

0

Time-->

11.10 11.20

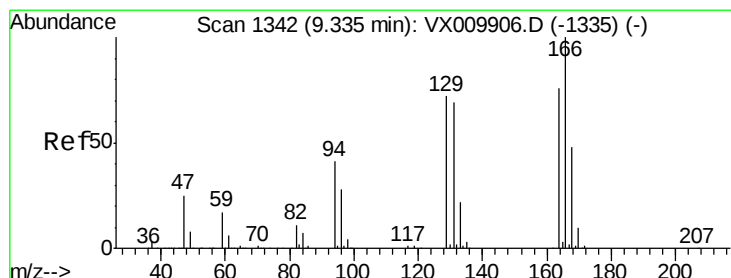
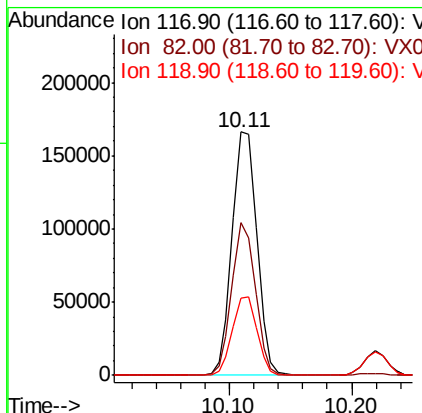
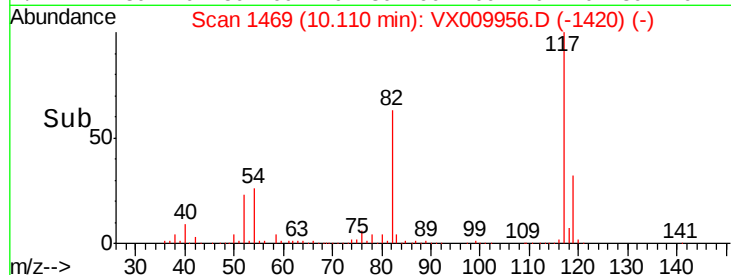
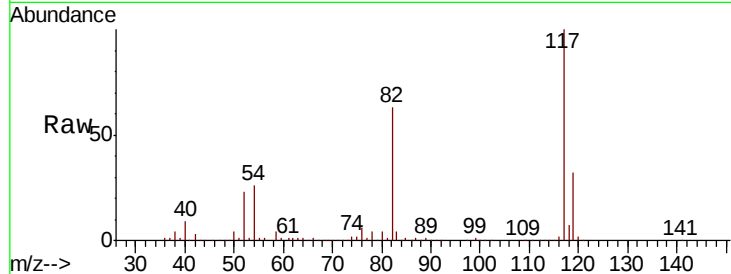




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

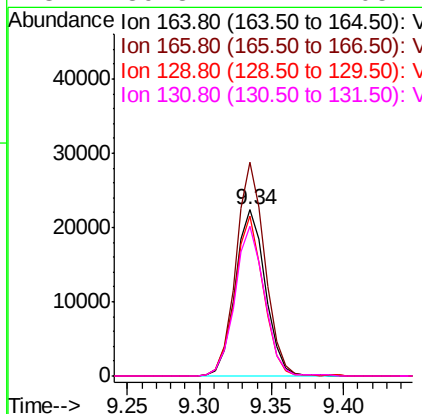
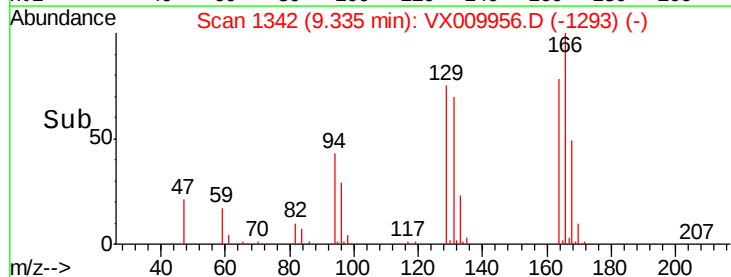
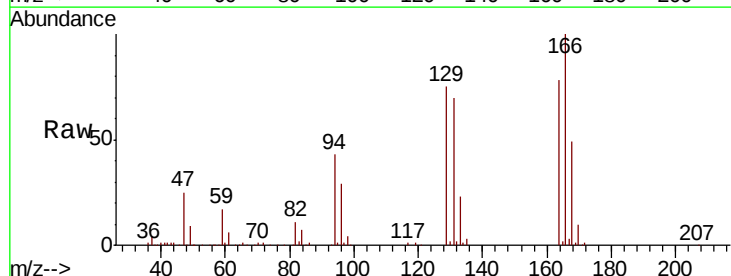
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

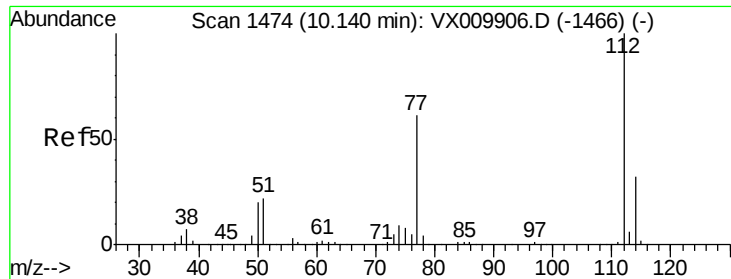
Tot Ion:117 Resp: 234175
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 19.912 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion:164 Resp: 32570
Ion Ratio Lower Upper
164 100
166 128.6 105.0 157.4
129 96.0 75.1 112.7
131 89.8 72.2 108.4

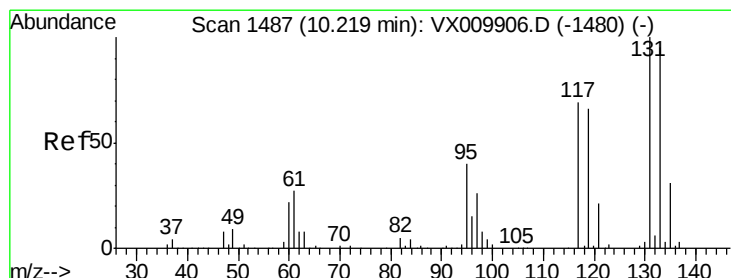
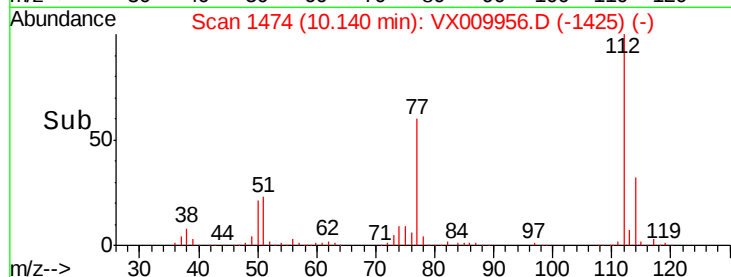
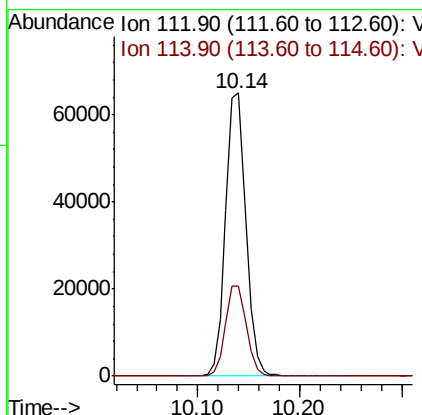
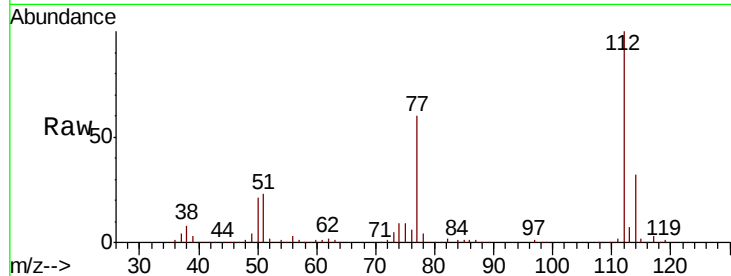




#65
Chlorobenzene
Concen: 18.394 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

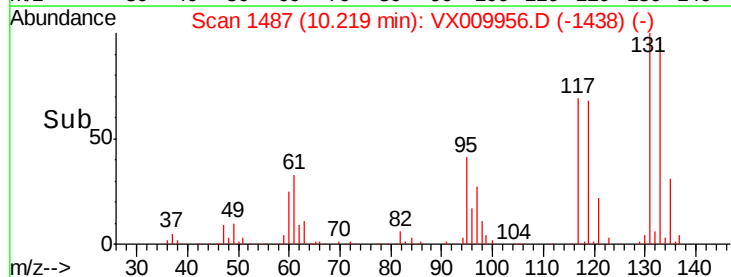
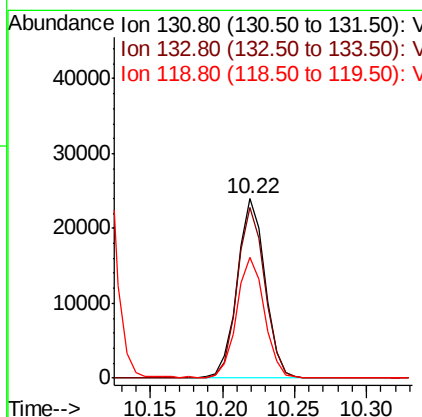
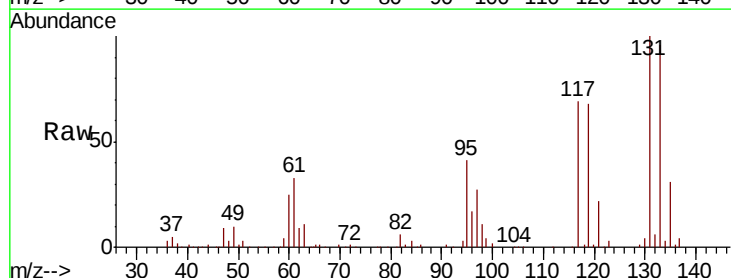
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

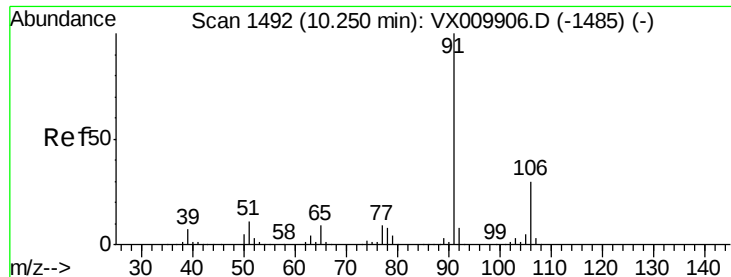
Tot Ion:112 Resp: 90177
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.043 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion:131 Resp: 32381
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 67.4 33.4 100.1

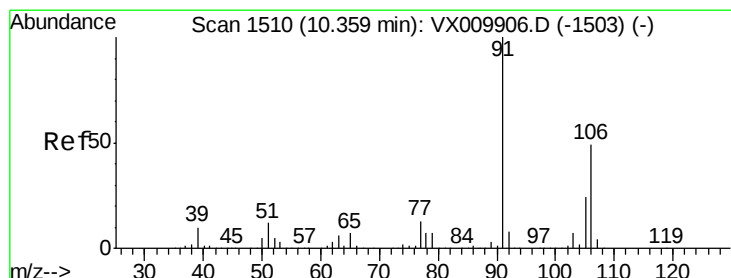
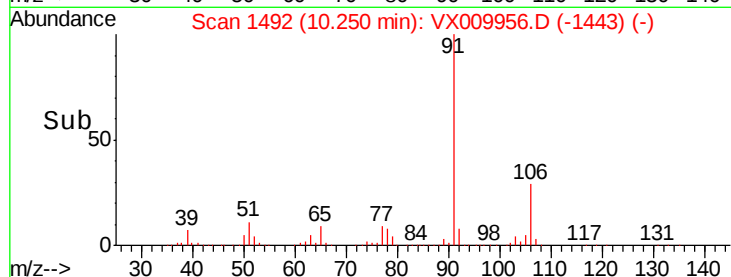
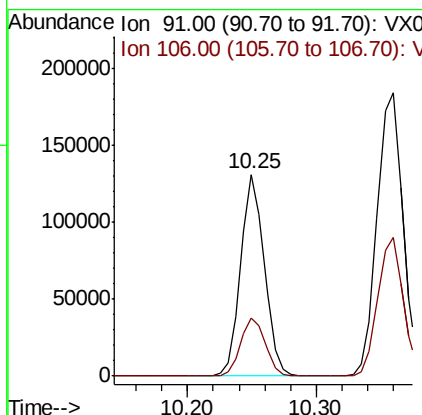
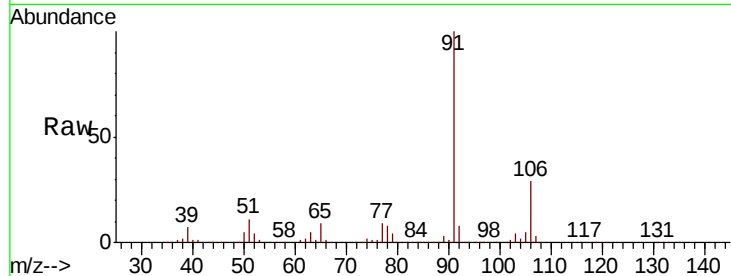




#67
Ethyl Benzene
Concen: 19.020 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

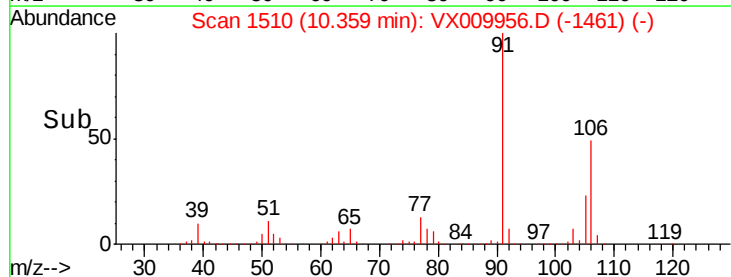
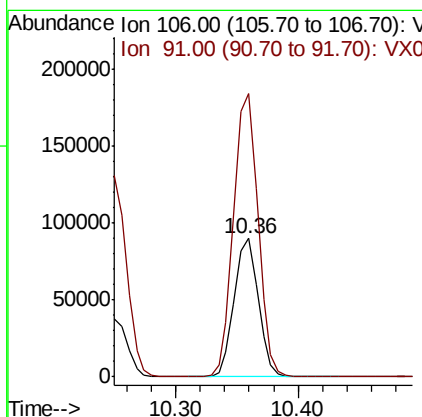
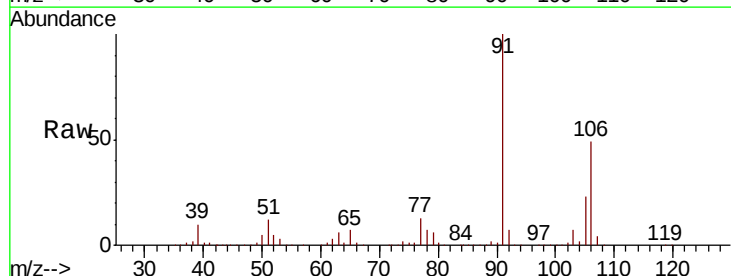
Instrument :
MSVOA_X
ClientSampled :
VX0530WBSD01

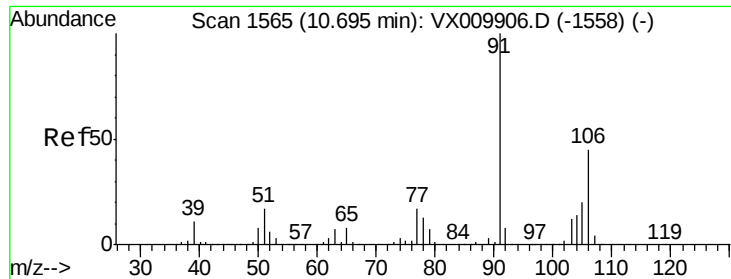
Tot Ion: 91 Resp: 167421
Ion Ratio Lower Upper
91 100
106 29.0 23.9 35.9



#68
m/p-Xylenes
Concen: 37.750 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 106 Resp: 122762
Ion Ratio Lower Upper
106 100
91 207.7 167.3 250.9

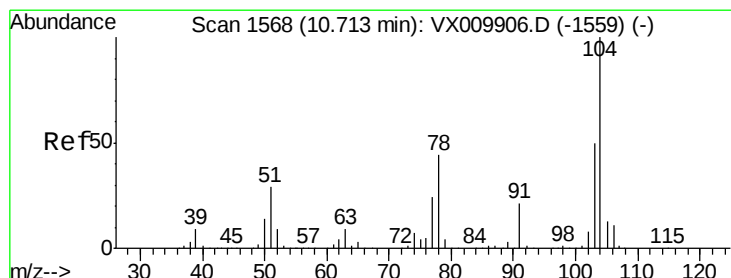
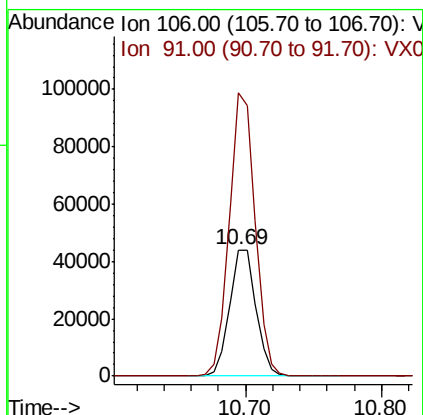
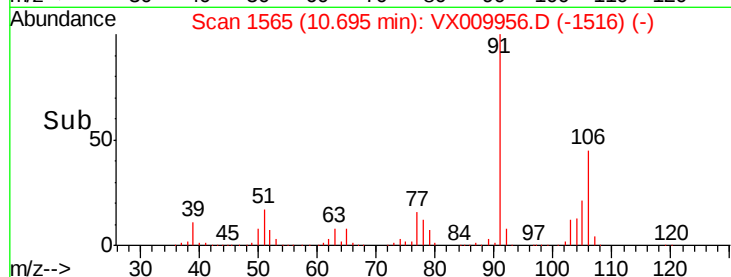
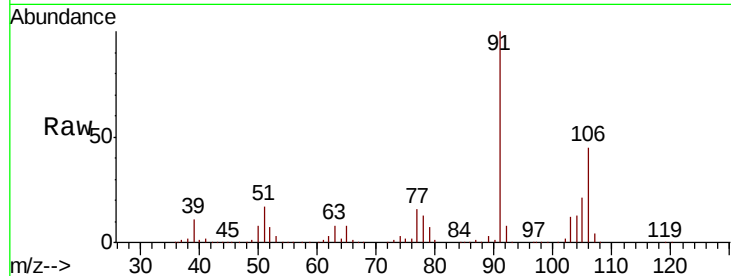




#69
o-Xylene
Concen: 19.095 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

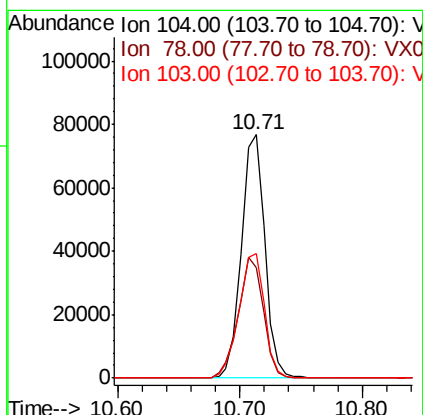
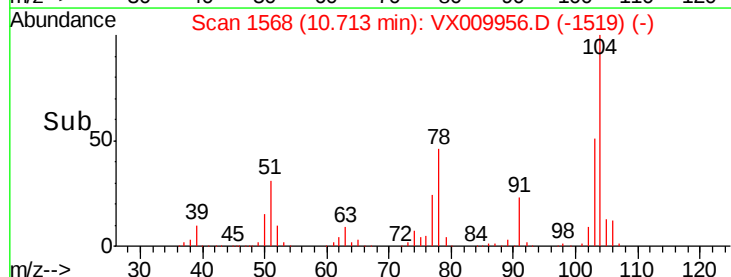
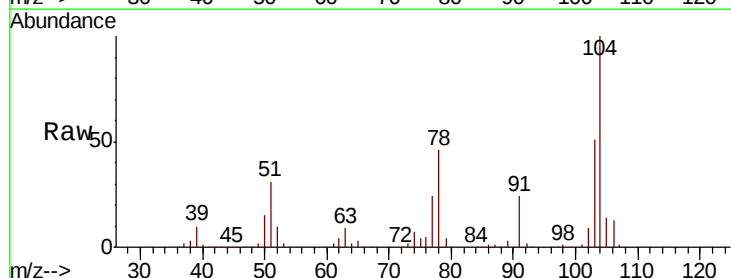
Instrument :
MSVOA_X
ClientSampled :
VX0530WBSD01

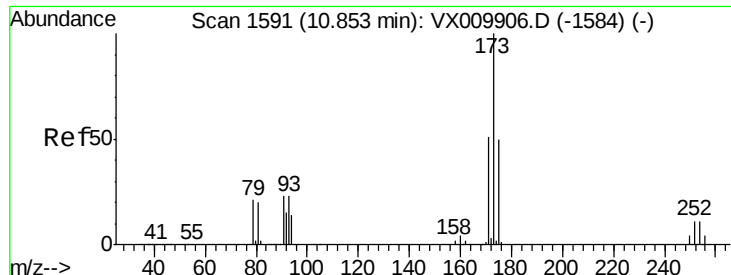
Tot Ion:106 Resp: 59553
Ion Ratio Lower Upper
106 100
91 219.6 110.4 331.2



#70
Styrene
Concen: 18.641 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion:104 Resp: 101944
Ion Ratio Lower Upper
104 100
78 53.4 42.1 63.1
103 55.9 44.1 66.1

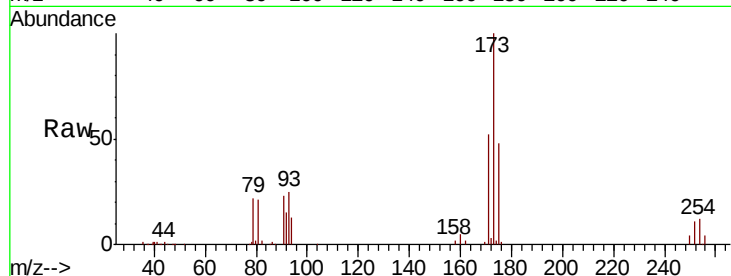




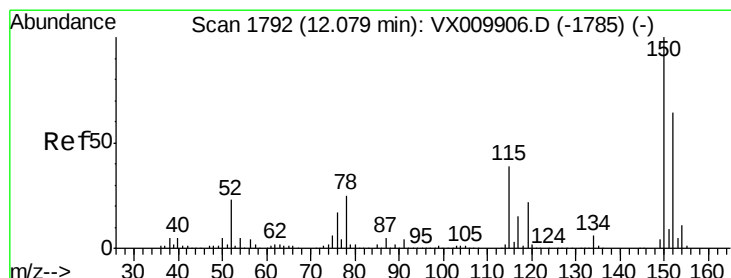
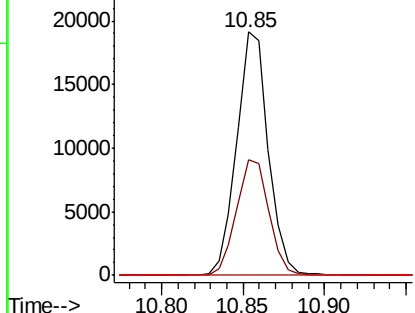
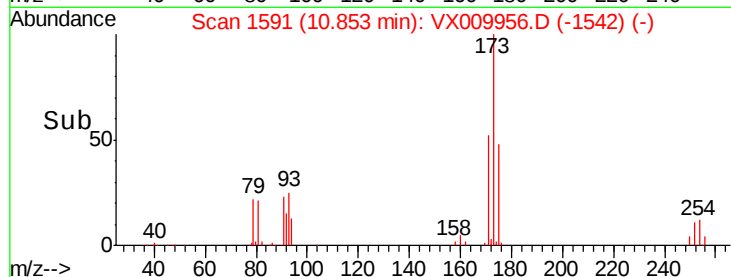
#71
Bromoform
Concen: 18.622 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion:173 Resp: 25883
Ion Ratio Lower Upper
173 100
175 48.9 25.0 75.0
254 0.2 0.2 0.2

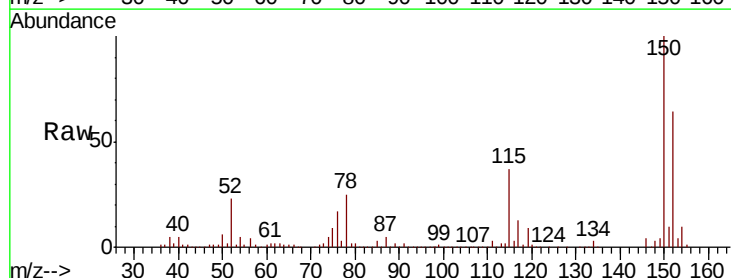


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

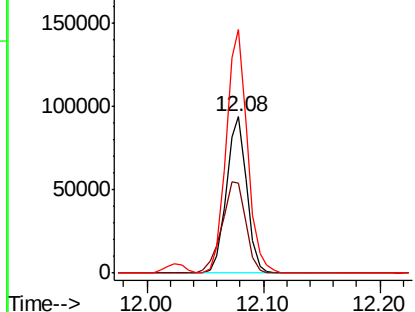
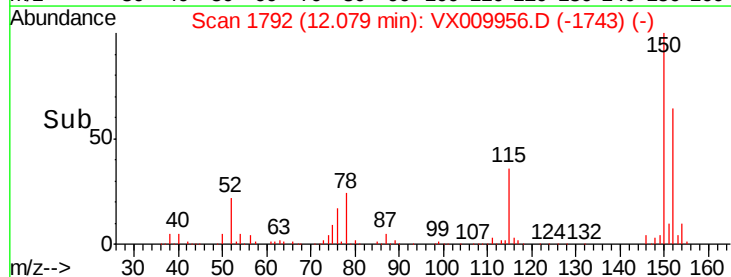


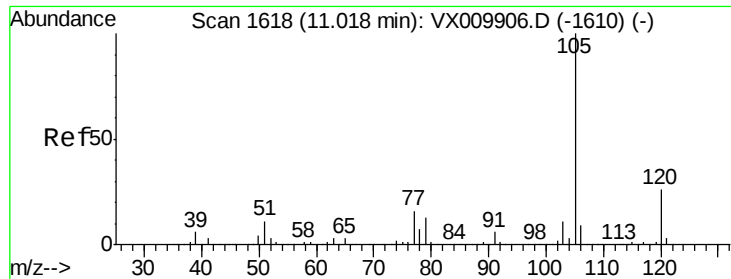
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion:152 Resp: 112042
Ion Ratio Lower Upper
152 100
115 68.6 41.4 124.2
150 163.2 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: 18.944 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

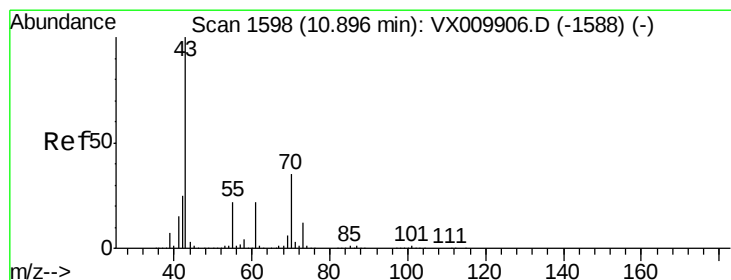
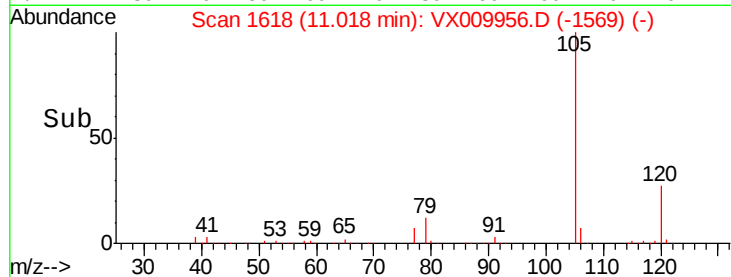
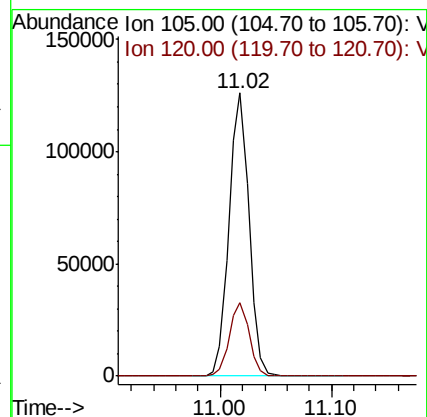
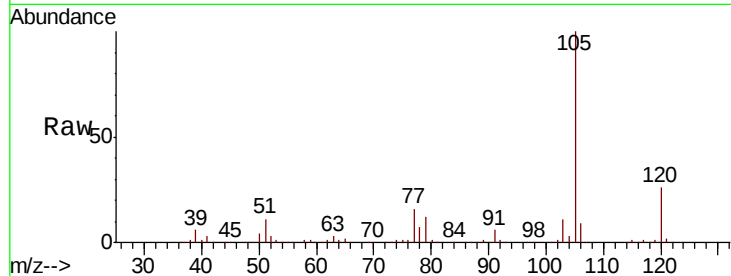
VX0530WBSD01

Tot Ion:105 Resp: 156603

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 19.174 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion: 43 Resp: 94714

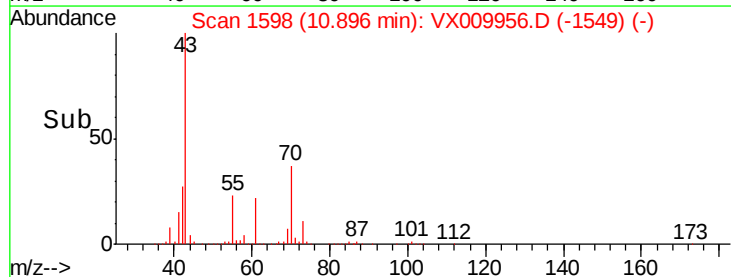
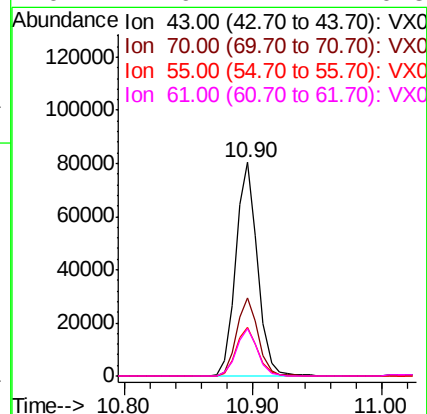
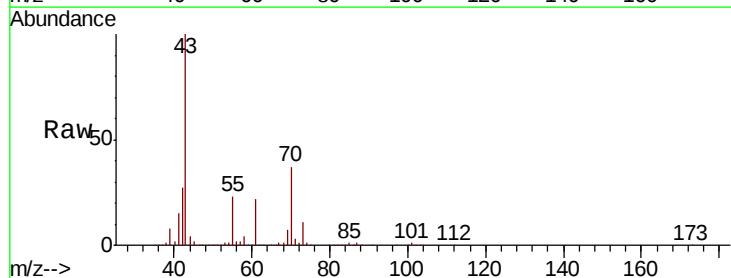
Ion Ratio Lower Upper

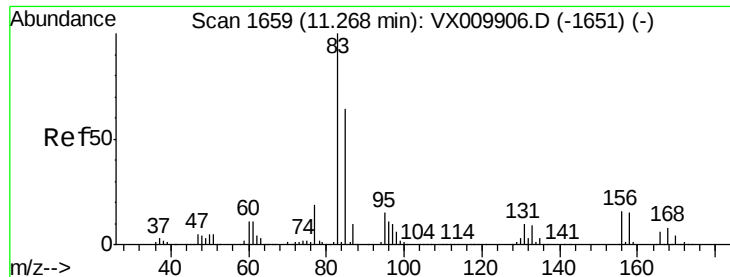
43 100

70 36.3 28.6 43.0

55 23.3 17.8 26.8

61 21.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.439 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

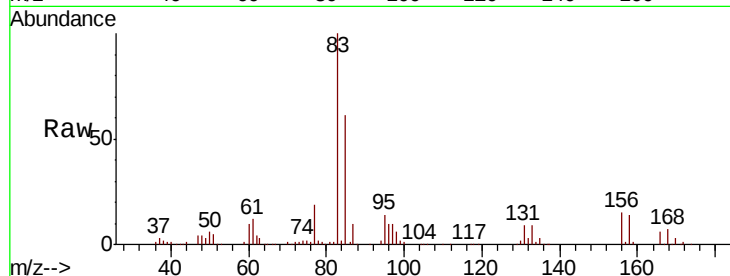
Tot Ion: 83 Resp: 59953

Ion Ratio Lower Upper

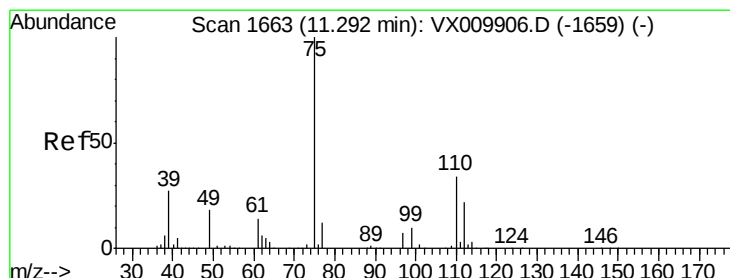
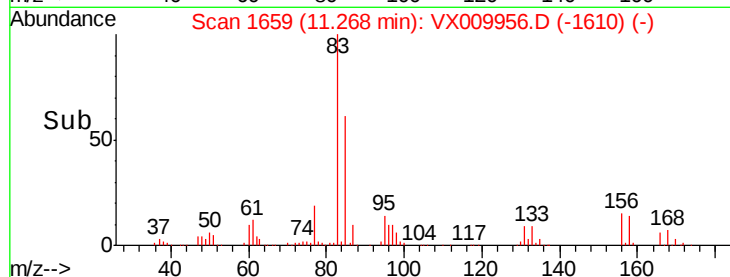
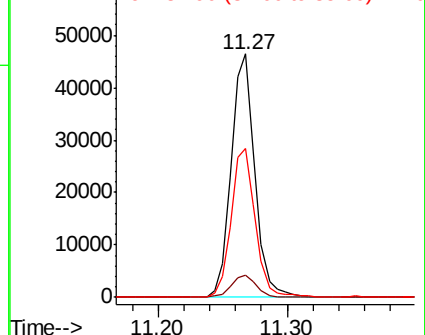
83 100

131 9.5 4.7 14.1

85 62.4 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: 25.678 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009956.D

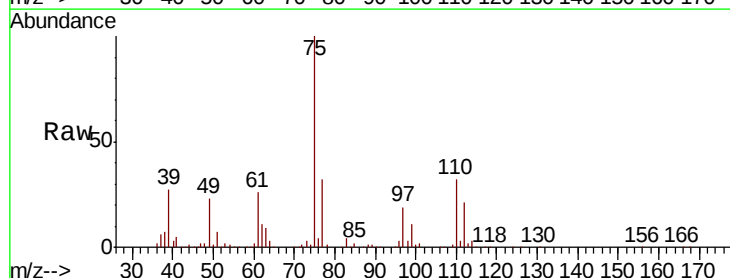
Acq: 30 May 2019 13:31

Tgt Ion: 75 Resp: 68798

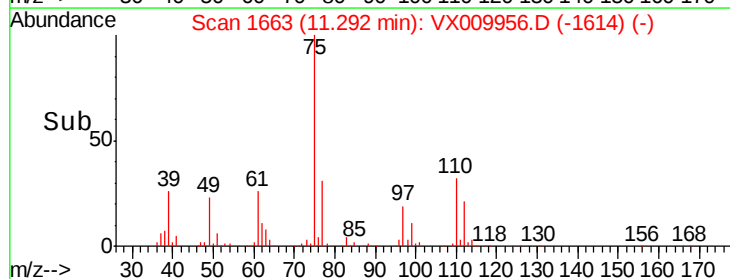
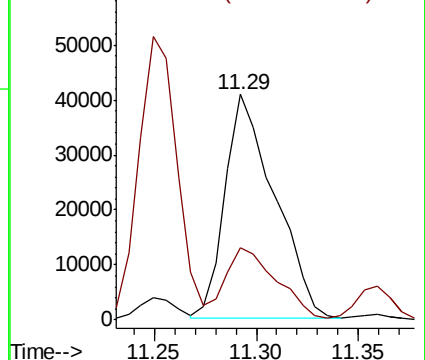
Ion Ratio Lower Upper

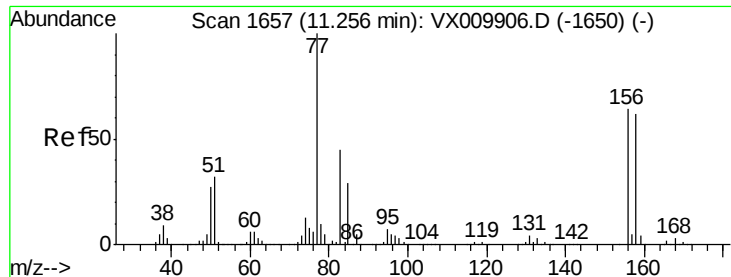
75 100

77 33.2 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: 18.676 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

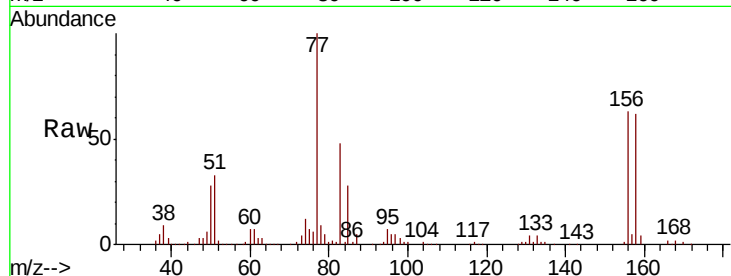
Tot Ion:156 Resp: 39345

Ion Ratio Lower Upper

156 100

77 171.5 86.8 260.3

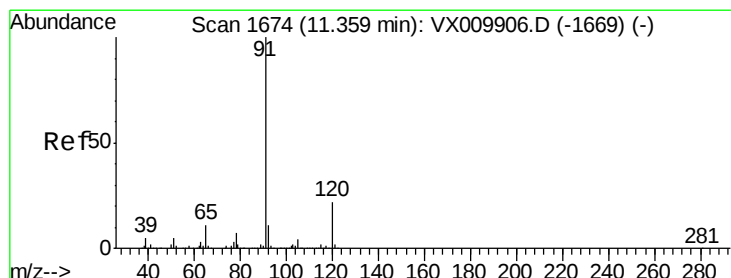
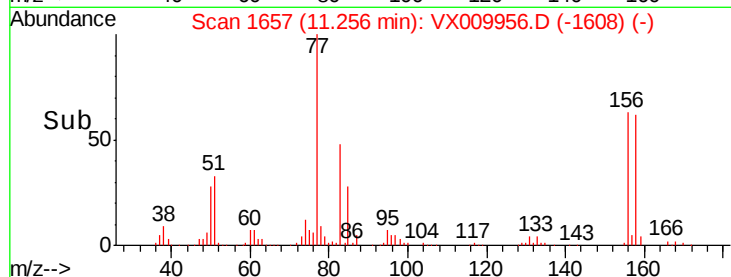
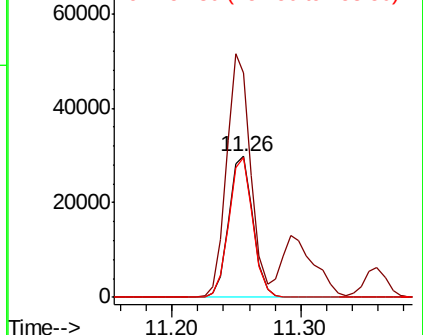
158 97.6 49.6 148.8



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: 19.210 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009956.D

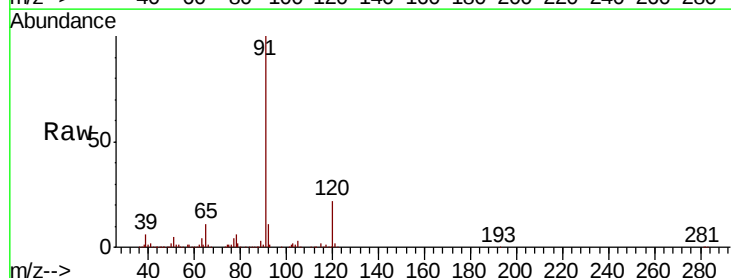
Acq: 30 May 2019 13:31

Tgt Ion: 91 Resp: 183042

Ion Ratio Lower Upper

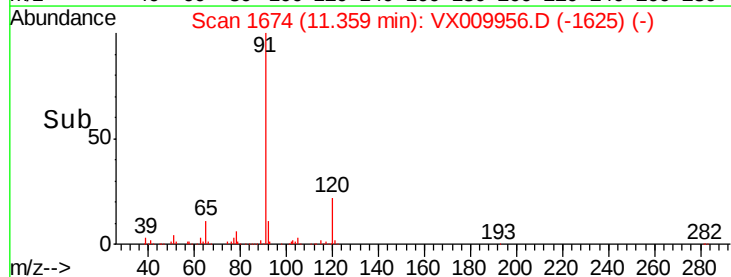
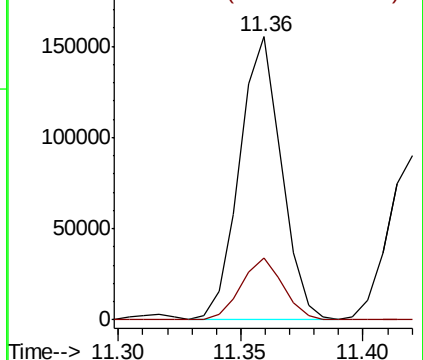
91 100

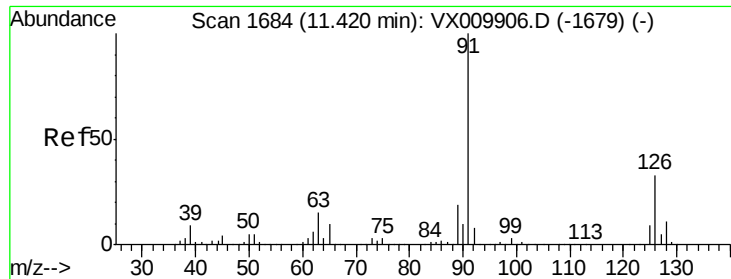
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.959 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

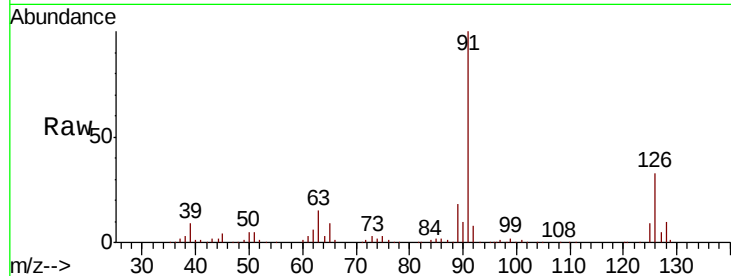
VX0530WBSD01

Tot Ion: 91 Resp: 110374

Ion Ratio Lower Upper

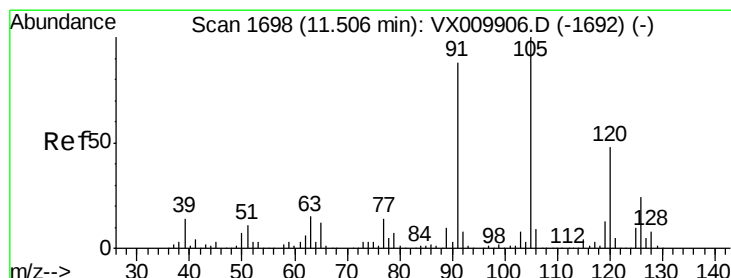
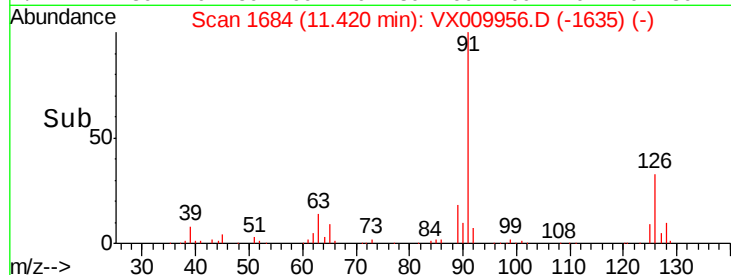
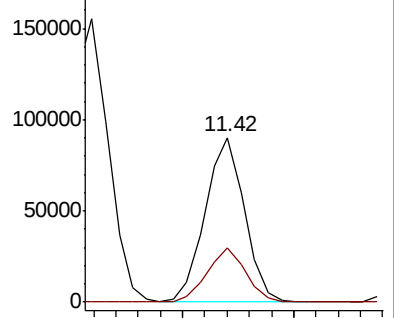
91 100

126 32.5 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: 19.181 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009956.D

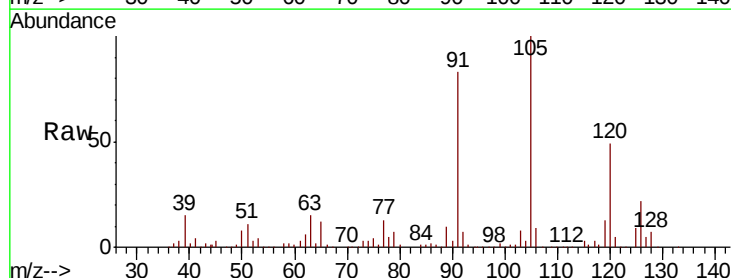
Acq: 30 May 2019 13:31

Tgt Ion:105 Resp: 133583

Ion Ratio Lower Upper

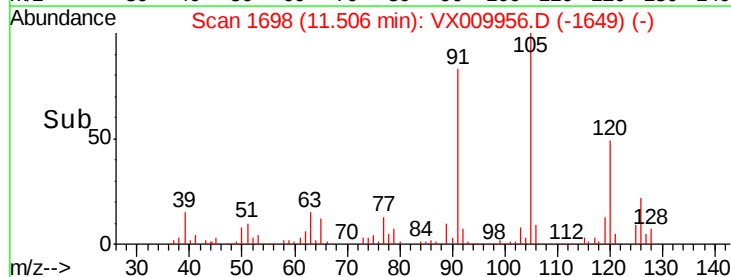
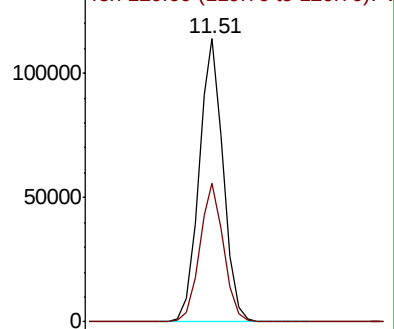
105 100

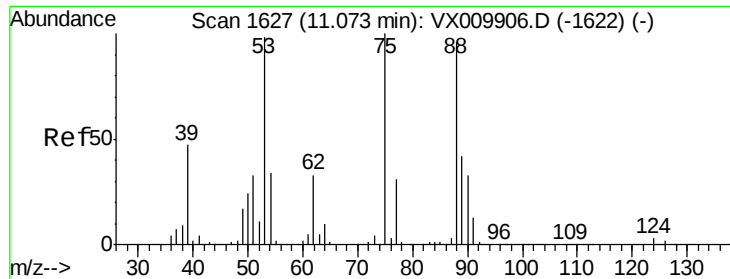
120 48.6 24.1 72.3



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: 17.395 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

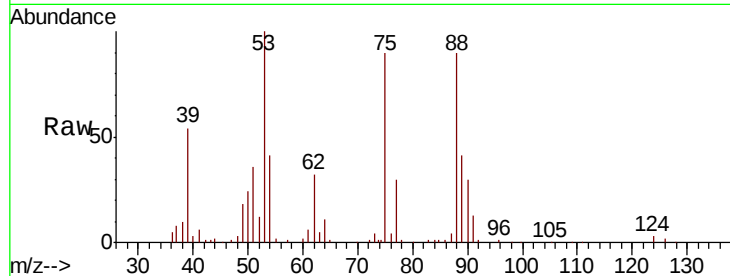
Tot Ion: 75 Resp: 18837

Ion Ratio Lower Upper

75 100

53 105.9 79.8 119.6

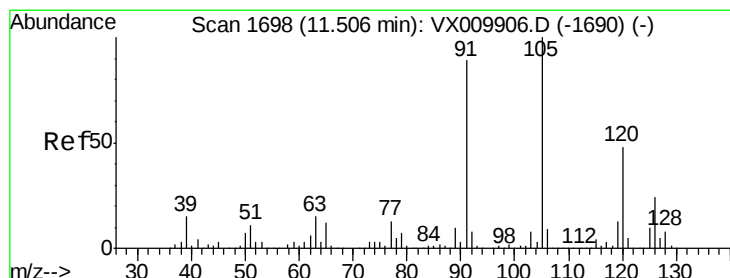
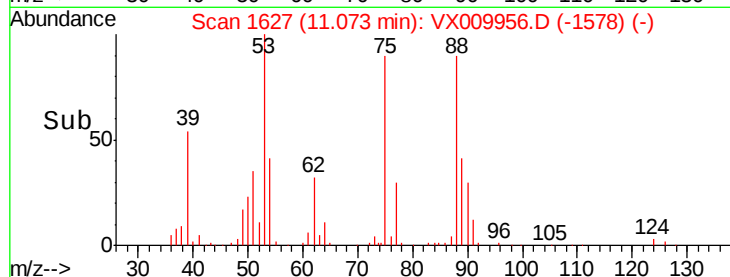
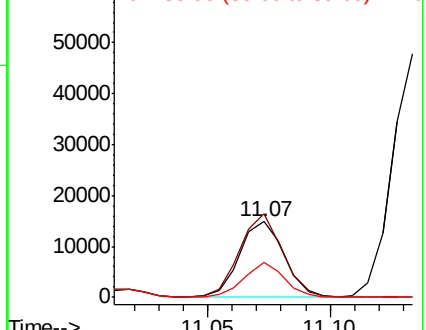
89 42.3 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.601 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009956.D

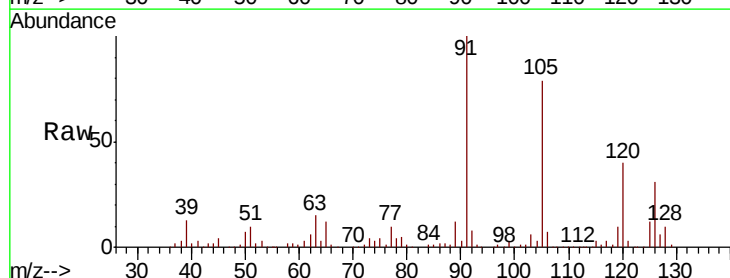
Acq: 30 May 2019 13:31

Tgt Ion: 91 Resp: 126061

Ion Ratio Lower Upper

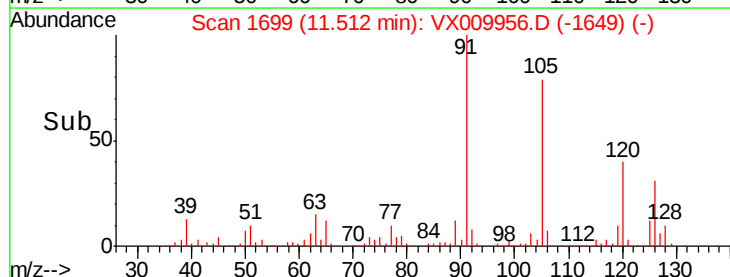
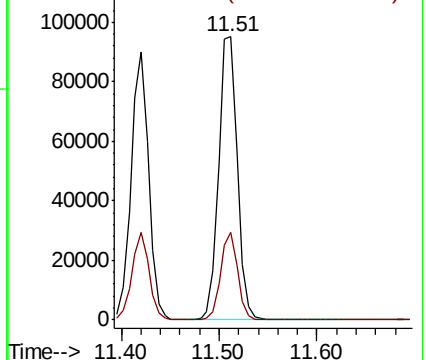
91 100

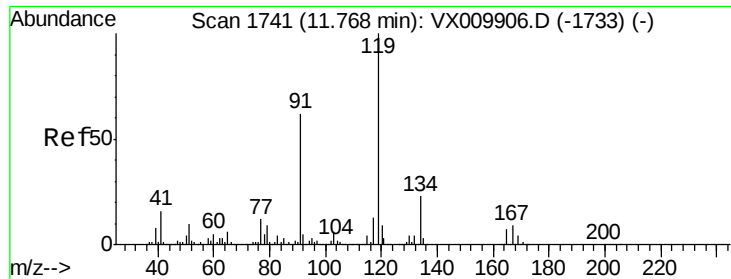
126 28.3 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

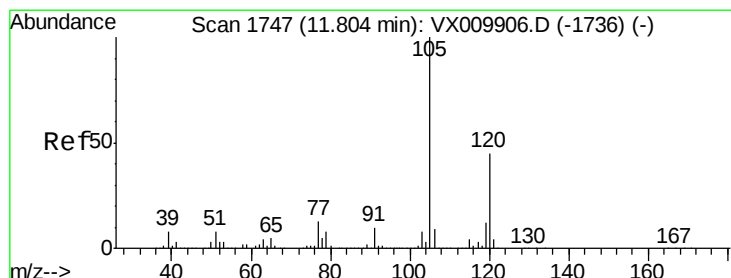
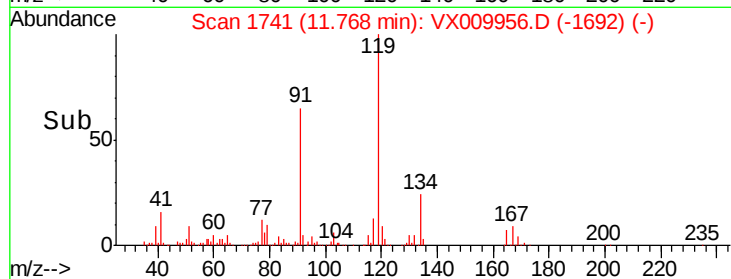
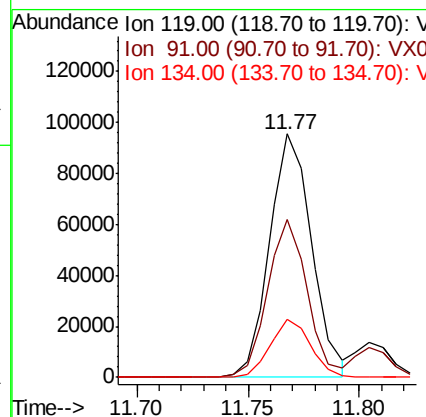
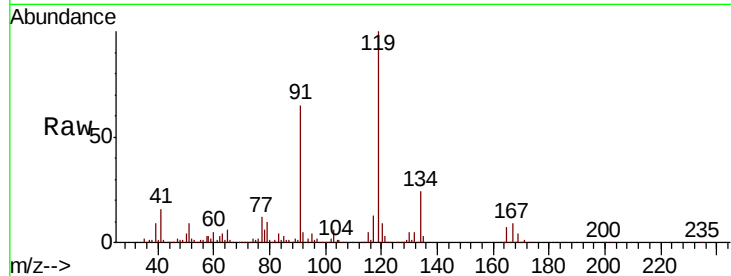




#83
 tert-Butylbenzene
 Concen: 18.784 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

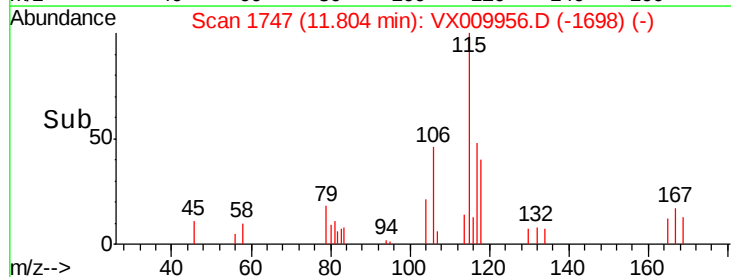
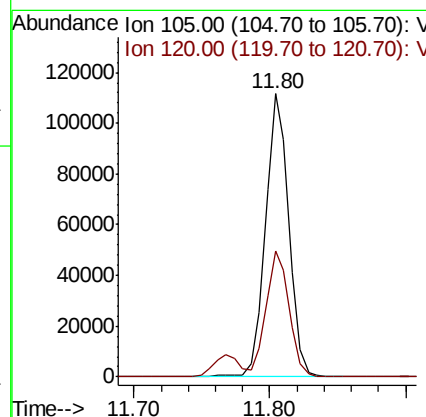
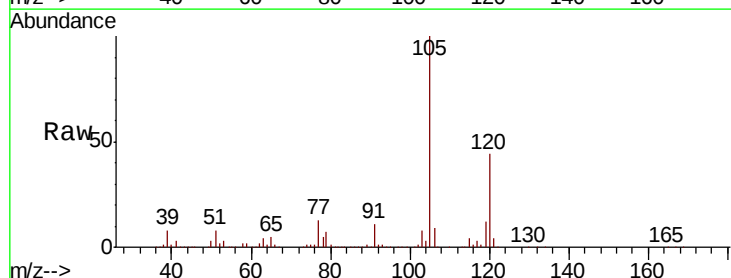
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

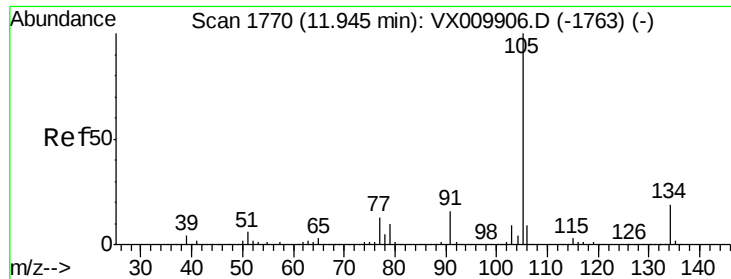
Tot Ion:119 Resp: 125158
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.0 90.0
 134 23.0 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.021 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion:105 Resp: 134528
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.1

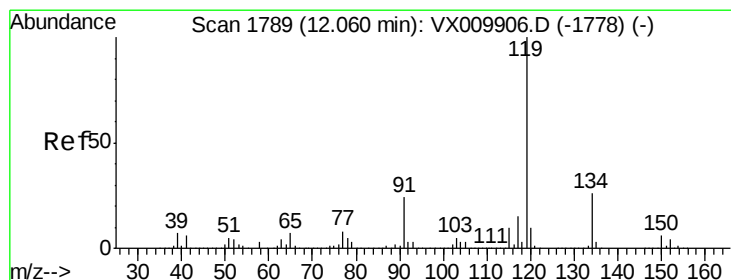
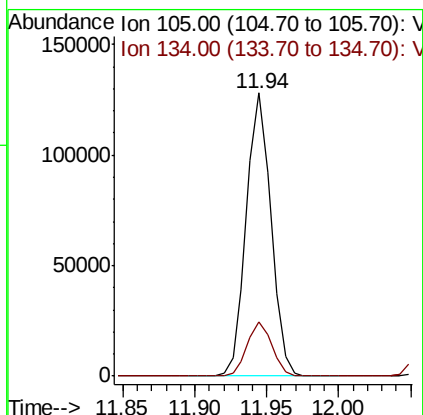
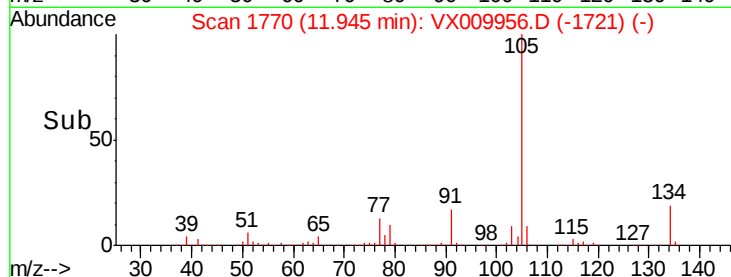
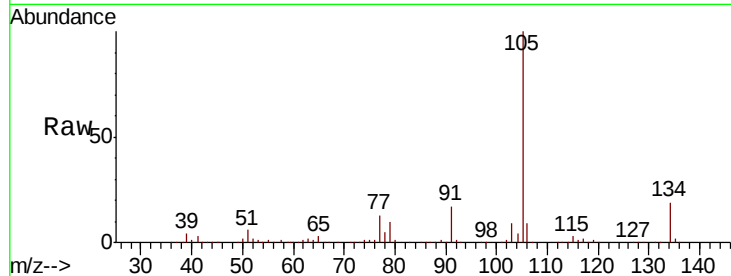




#85
 sec-Butylbenzene
 Concen: 19.180 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

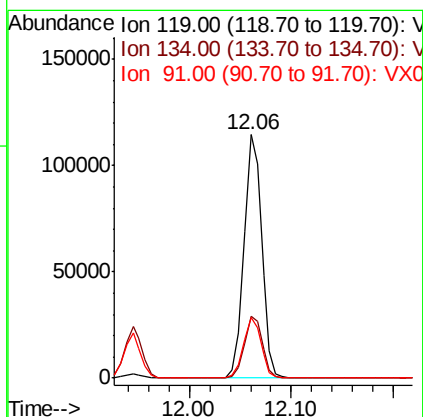
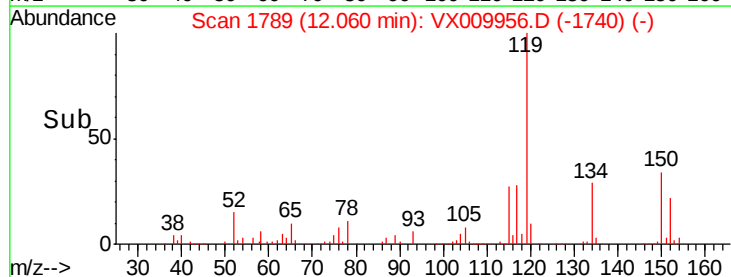
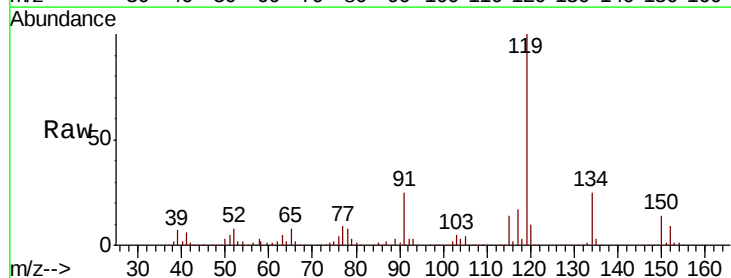
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

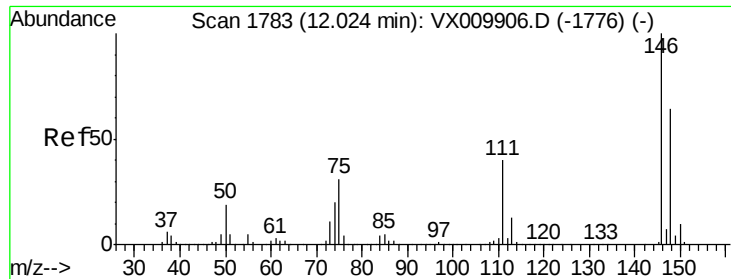
Tot Ion:105 Resp: 152037
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.315 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion:119 Resp: 137713
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 18.124 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0530WBSD01

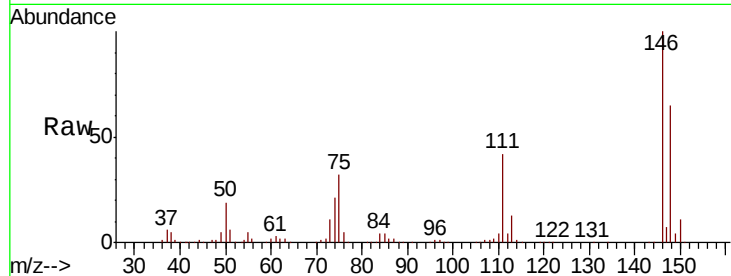
Tot Ion:146 Resp: 67976

Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.2

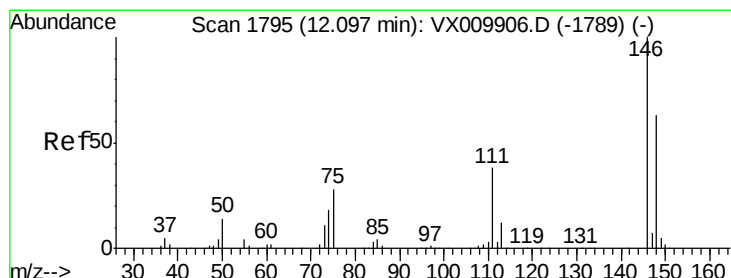
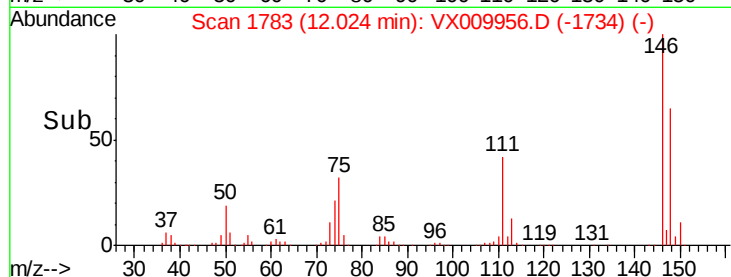
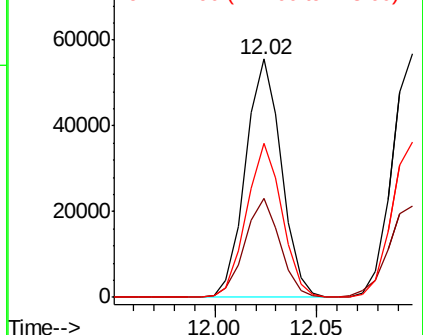
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.937 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

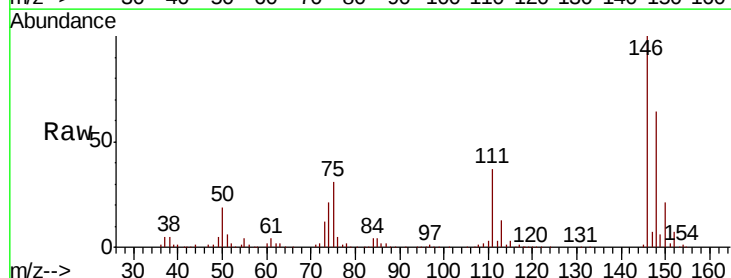
Tgt Ion:146 Resp: 68610

Ion Ratio Lower Upper

146 100

111 41.0 20.0 59.9

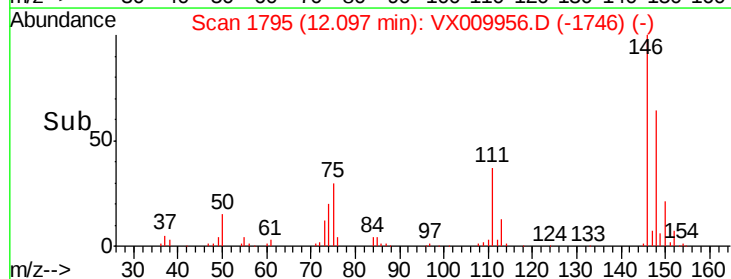
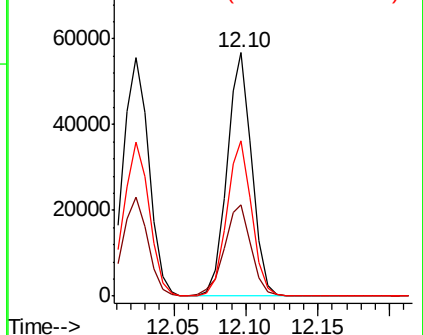
148 64.6 32.3 96.9

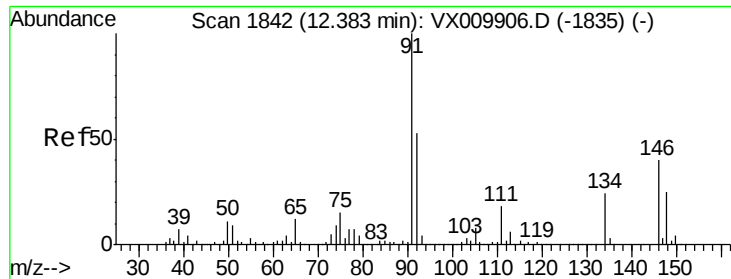


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.534 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0530WBSD01

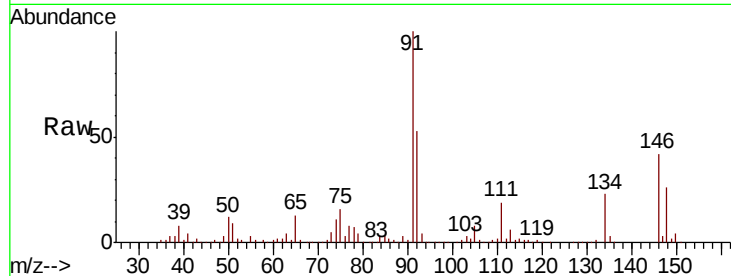
Tot Ion: 91 Resp: 124185

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.8

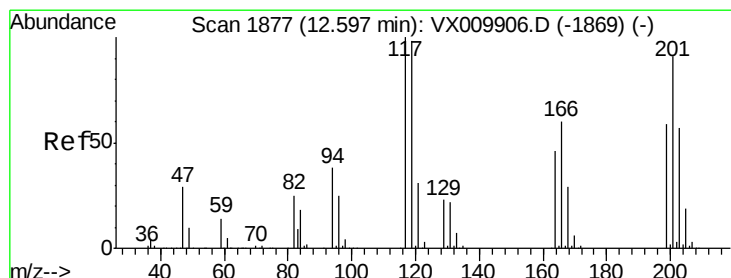
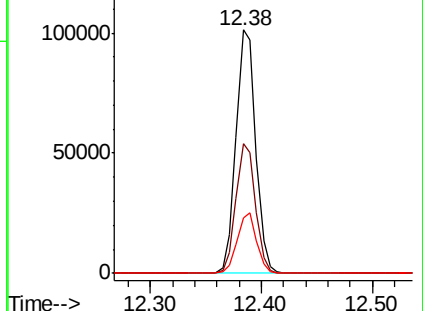
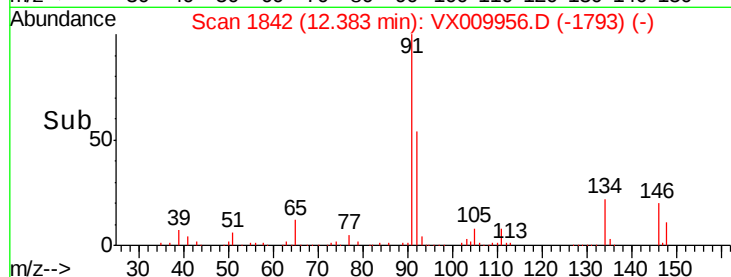
134 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.129 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009956.D

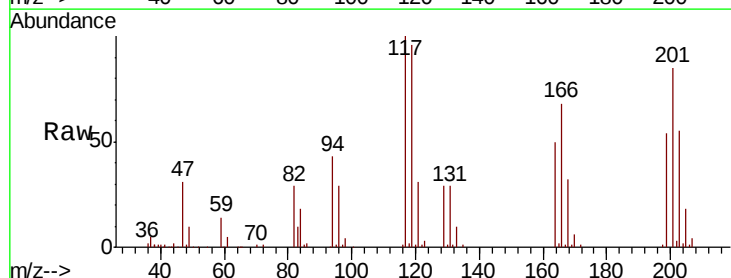
Acq: 30 May 2019 13:31

Tgt Ion: 117 Resp: 23405

Ion Ratio Lower Upper

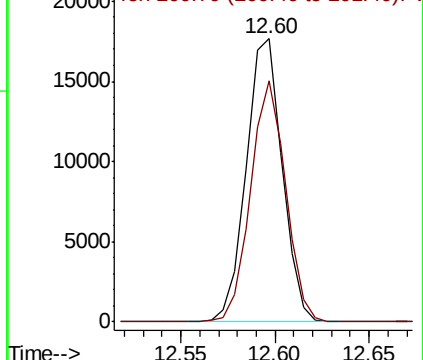
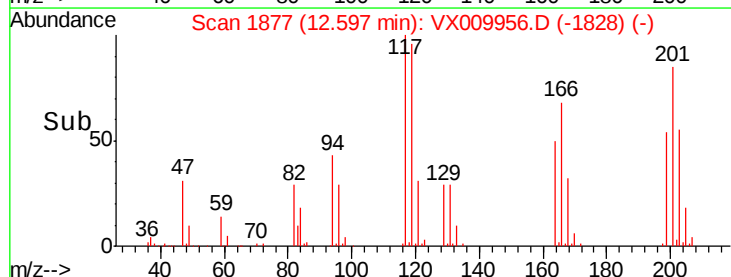
117 100

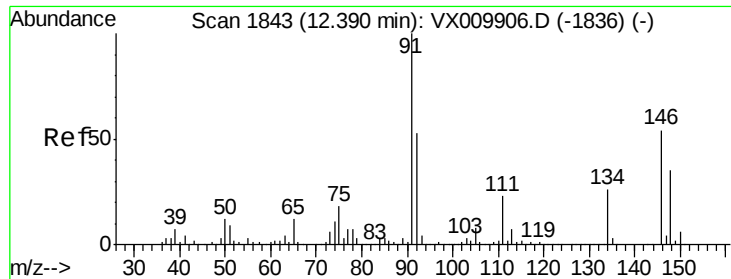
201 82.7 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

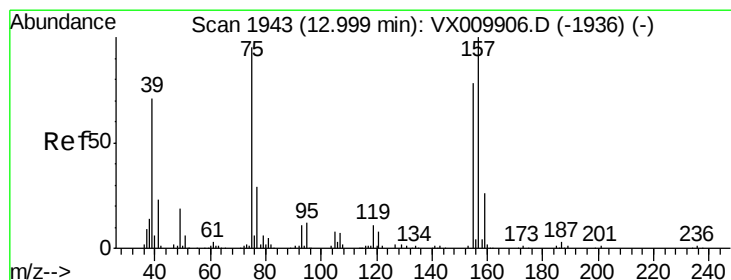
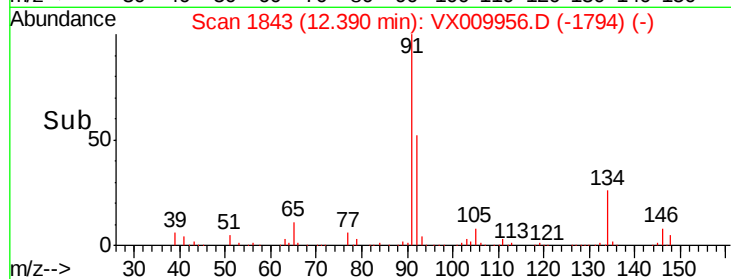
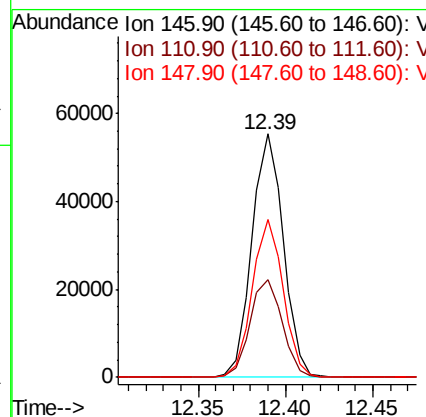
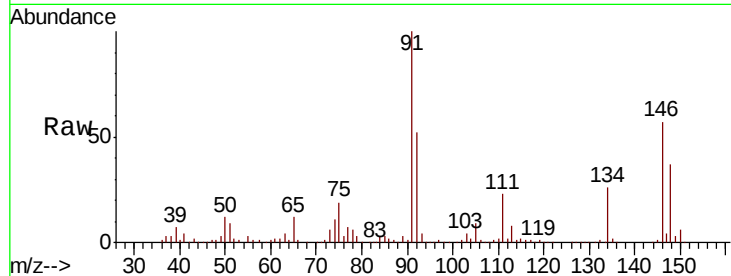




#91
 1,2-Dichlorobenzene
 Concen: 18.743 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

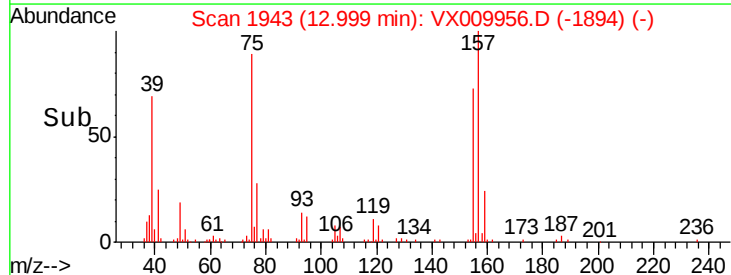
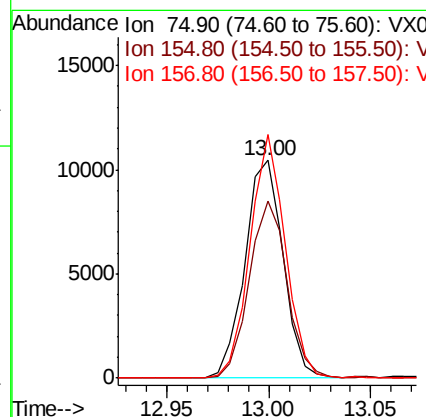
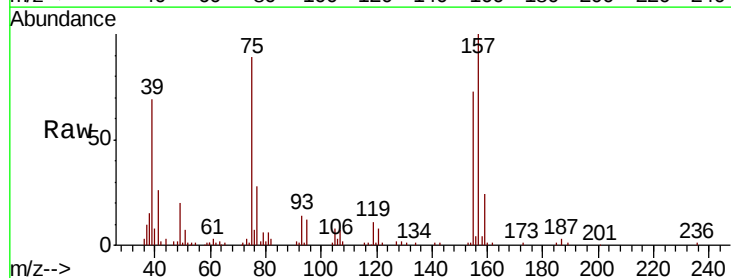
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

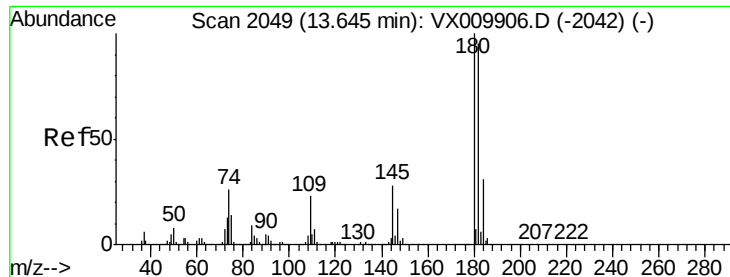
Tot Ion:146 Resp: 69311
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.1 63.1
 148 63.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.738 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion: 75 Resp: 13603
 Ion Ratio Lower Upper
 75 100
 155 80.3 39.3 117.8
 157 102.9 50.6 151.8

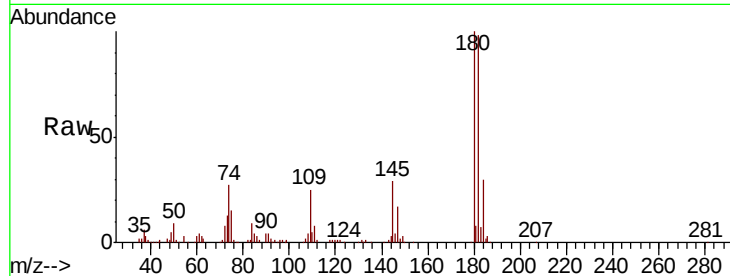




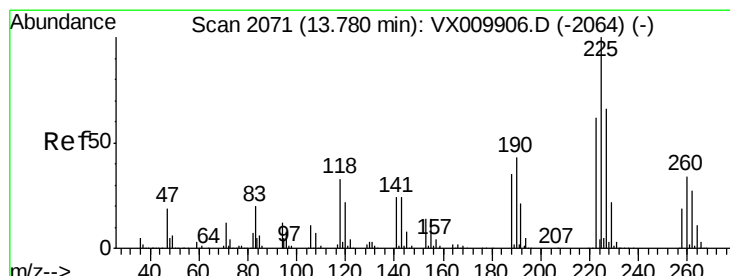
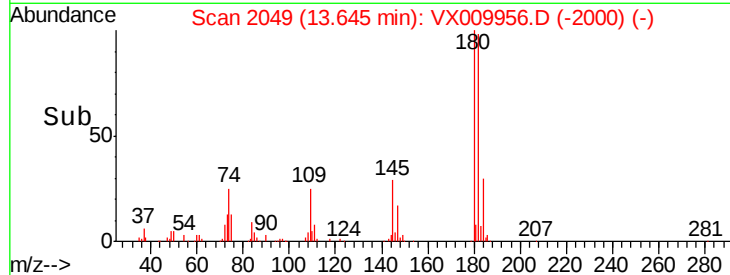
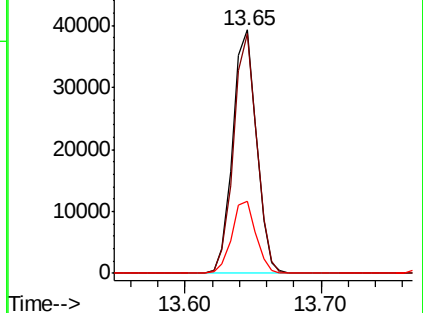
#93
 1,2,4-Trichlorobenzene
 Concen: 18.167 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion:180 Resp: 48009
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.4 142.2
 145 30.1 14.5 43.5

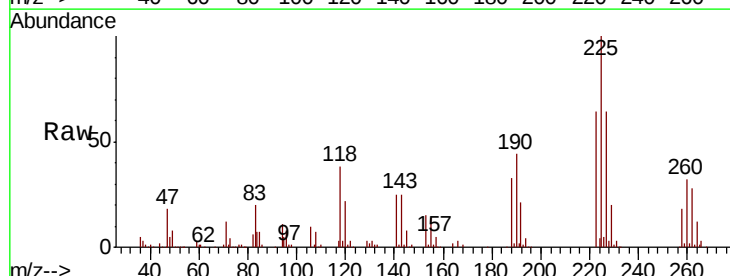


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

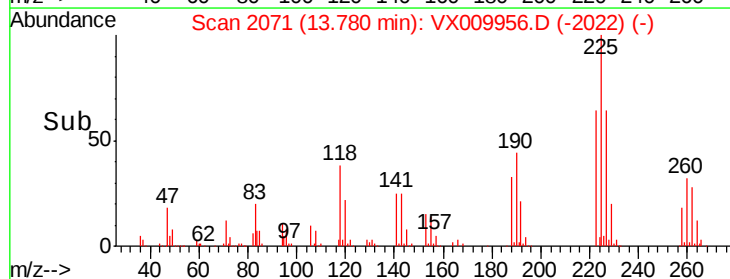
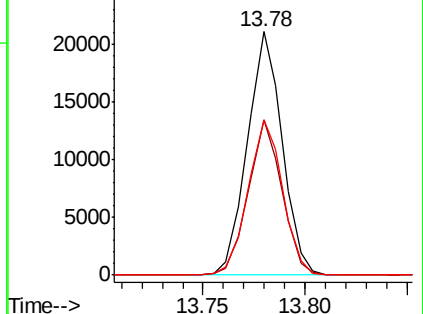


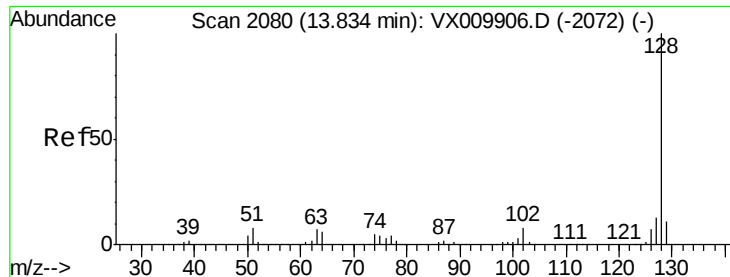
#94
 Hexachlorobutadiene
 Concen: 18.879 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion:225 Resp: 25023
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.3 93.8
 227 63.3 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: 18.682 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

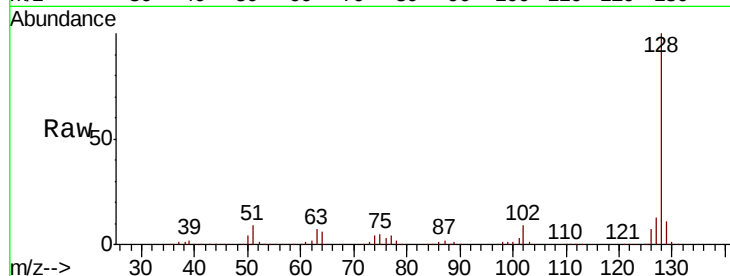
Tot Ion:128 Resp: 153637

Ion Ratio Lower Upper

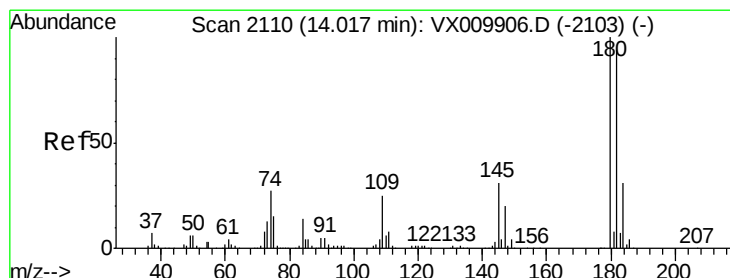
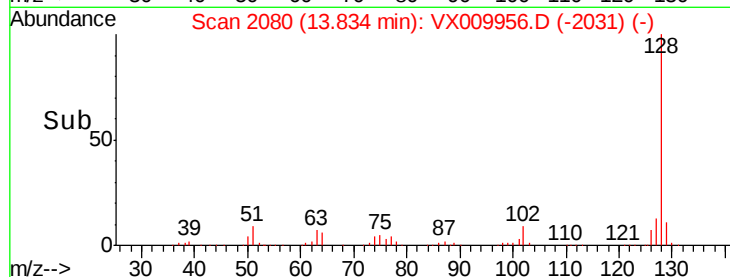
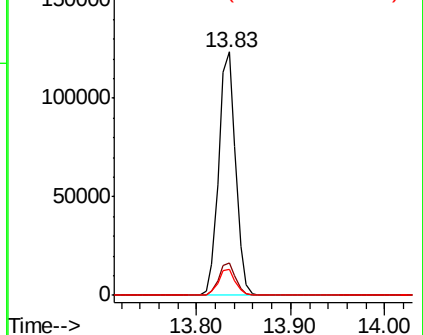
128 100

127 13.2 10.6 16.0

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.435 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

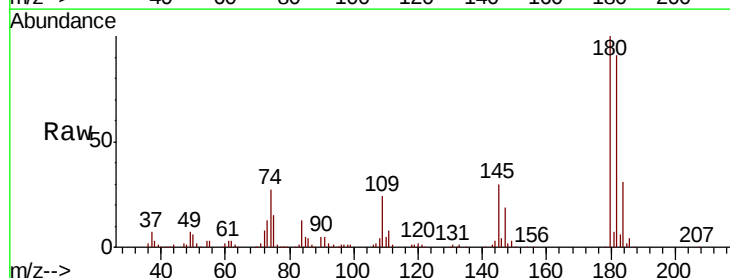
Tgt Ion:180 Resp: 48763

Ion Ratio Lower Upper

180 100

182 94.8 47.3 142.0

145 30.0 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

