

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009953.D
 Acq On : 30 May 2019 12:20
 Operator : JC/SP
 Sample : VX0530WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Quant Time: May 31 05:32:07 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	5.66	168	166637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110277	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	5.49	113	78219	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	325265	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	119264	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43646	21.434	ug/l	97
3) Chloromethane	1.32	50	52137	19.046	ug/l	99
4) Vinyl Chloride	1.41	62	47893	19.407	ug/l	99
5) Bromomethane	1.64	94	25217	16.866	ug/l	98
6) Chloroethane	1.72	64	27065	17.816	ug/l	98
7) Trichlorofluoromethane	1.93	101	52489	19.248	ug/l	99
8) Diethyl Ether	2.19	74	23039	17.978	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32166	19.537	ug/l	98
10) Methyl Iodide	2.51	142	34613	20.053	ug/l	99
11) Tert butyl alcohol	3.04	59	52425	90.499	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31181	18.477	ug/l	99
13) Acrolein	2.29	56	30777	89.724	ug/l	99
14) Allyl chloride	2.73	41	77529	18.902	ug/l	98
15) Acrylonitrile	3.14	53	124566	89.244	ug/l	99
16) Acetone	2.44	43	125801	92.499	ug/l	99
17) Carbon Disulfide	2.57	76	93418	18.525	ug/l	99
18) Methyl Acetate	2.77	43	57635	18.213	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	117159	18.389	ug/l	99
20) Methylene Chloride	2.85	84	37825	18.161	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	33498	17.840	ug/l	96
22) Diisopropyl ether	3.85	45	148959	19.087	ug/l	88
23) Vinyl Acetate	3.81	43	656043	93.574	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70524	18.647	ug/l	98
25) 2-Butanone	4.67	43	189266	89.323	ug/l	100
26) 2,2-Dichloropropane	4.58	77	53276	18.622	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	38236	17.641	ug/l	99
28) Bromochloromethane	5.01	49	34127	17.388	ug/l	97
29) Tetrahydrofuran	5.12	42	121118	89.138	ug/l	100
30) Chloroform	5.21	83	63821	18.711	ug/l	99
31) Cyclohexane	5.57	56	71592	19.986	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53177	19.143	ug/l	99
36) 1,1-Dichloropropene	5.79	75	50152	19.227	ug/l	100
37) Ethyl Acetate	4.82	43	69118	19.017	ug/l	99
38) Carbon Tetrachloride	5.79	117	44696	19.829	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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 ClientSampleId :
 VX0530WBS01

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 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)
39) Methylcyclohexane	7.46	83	63164	20.414	ug/l	98
40) Benzene	6.14	78	150853	19.495	ug/l	99
41) Methacrylonitrile	5.03	41	39127	18.423	ug/l	99
42) 1,2-Dichloroethane	6.19	62	55655	19.455	ug/l	99
43) Isopropyl Acetate	6.44	43	109805	18.724	ug/l	100
44) Trichloroethene	7.21	130	35897	19.099	ug/l	91
45) 1,2-Dichloropropane	7.51	63	42128	18.913	ug/l	99
46) Dibromomethane	7.66	93	24195	18.453	ug/l	98
47) Bromodichloromethane	7.90	83	48933	19.626	ug/l	97
48) Methyl methacrylate	7.77	41	55131	18.990	ug/l	99
49) 1,4-Dioxane	7.74	88	21198	392.549	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	353545	92.674	ug/l	99
52) Toluene	8.78	92	91895	19.560	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54950	18.377	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	60838	18.674	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	36674	19.395	ug/l	99
56) Ethyl methacrylate	9.18	69	63634	18.902	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64162	18.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	170315	96.480	ug/l	99
59) 2-Hexanone	9.49	43	286244	97.457	ug/l	99
60) Dibromochloromethane	9.58	129	35269	18.961	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37106	19.101	ug/l	99
64) Tetrachloroethene	9.34	164	32984	20.043	ug/l	96
65) Chlorobenzene	10.13	112	95615	19.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33533	19.601	ug/l	100
67) Ethyl Benzene	10.25	91	178848	20.195	ug/l	99
68) m/p-Xylenes	10.35	106	129419	39.556	ug/l	99
69) o-Xylene	10.69	106	61687	19.659	ug/l	98
70) Styrene	10.71	104	108471	19.714	ug/l	99
71) Bromoform	10.85	173	26883	19.224	ug/l #	98
73) Isopropylbenzene	11.02	105	169399	19.717	ug/l	100
74) N-amyl acetate	10.90	43	96807	18.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60361	18.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70529	25.329	ug/l	83
77) Bromobenzene	11.26	156	41062	18.754	ug/l	100
78) n-propylbenzene	11.36	91	198693	20.064	ug/l	100
79) 2-Chlorotoluene	11.42	91	116162	19.199	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145205	20.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19418	17.253	ug/l	94
82) 4-Chlorotoluene	11.51	91	136203	19.337	ug/l	100
83) tert-Butylbenzene	11.77	119	135502	19.568	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145069	19.736	ug/l	100
85) sec-Butylbenzene	11.94	105	166585	20.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	150270	20.279	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74638	19.147	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74988	18.863	ug/l	99
89) n-Butylbenzene	12.38	91	139222	19.992	ug/l	100
90) Hexachloroethane	12.59	117	24792	19.496	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	74023	19.261	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13732	18.201	ug/l	99

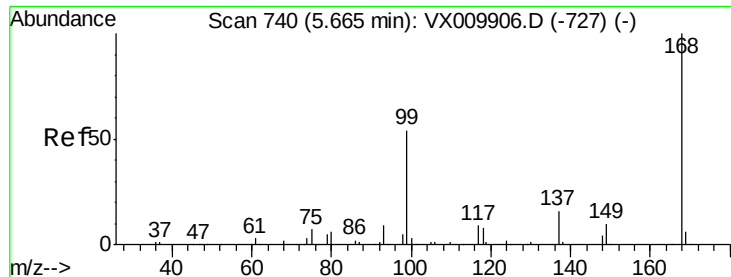
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53165	19.358	ug/l	98
94) Hexachlorobutadiene	13.78	225	27895	20.250	ug/l	98
95) Naphthalene	13.83	128	162856	19.055	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	53634	19.509	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

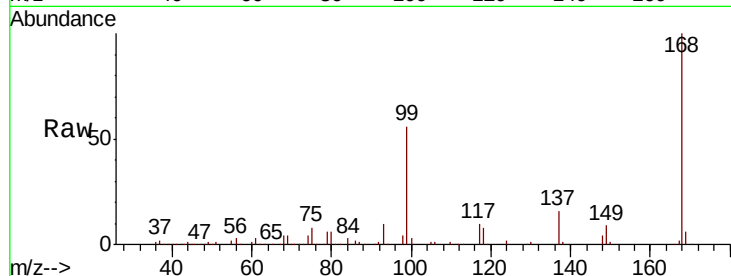
VX0530WBS01

Tot Ion:168 Resp: 166637

Ion Ratio Lower Upper

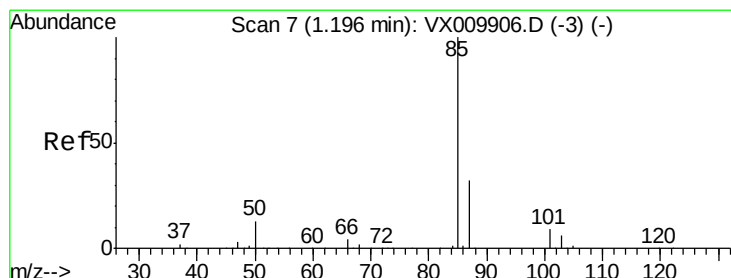
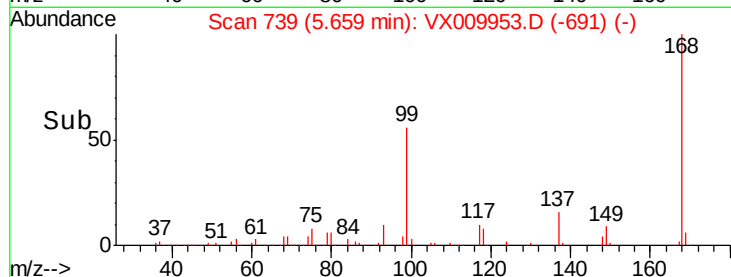
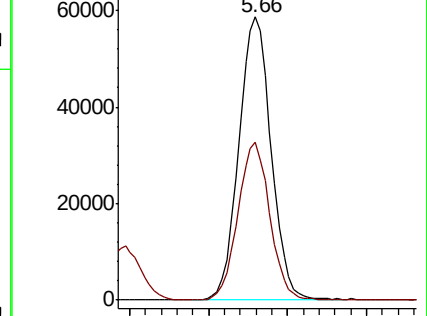
168 100

99 55.5 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: 21.434 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009953.D

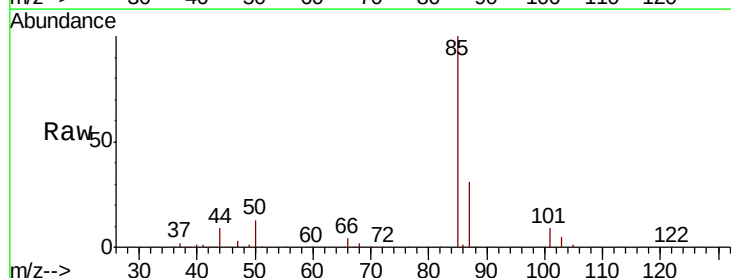
Acq: 30 May 2019 12:20

Tgt Ion: 85 Resp: 43646

Ion Ratio Lower Upper

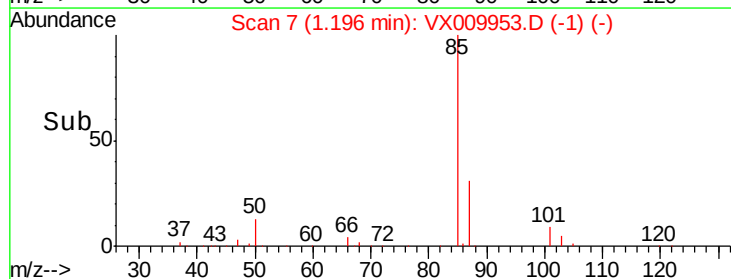
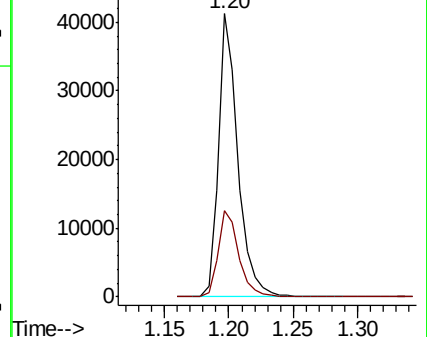
85 100

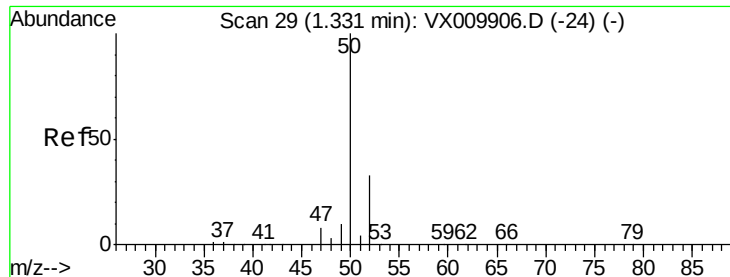
87 30.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.046 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

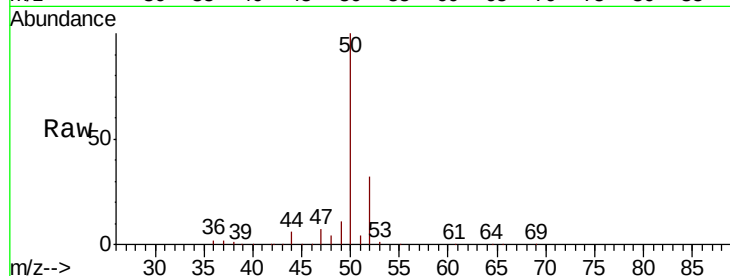
VX0530WBS01

Tot Ion: 50 Resp: 52137

Ion Ratio Lower Upper

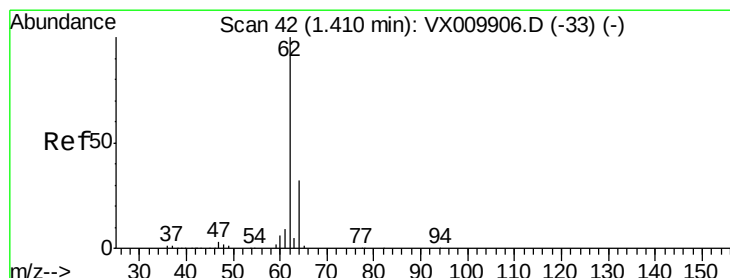
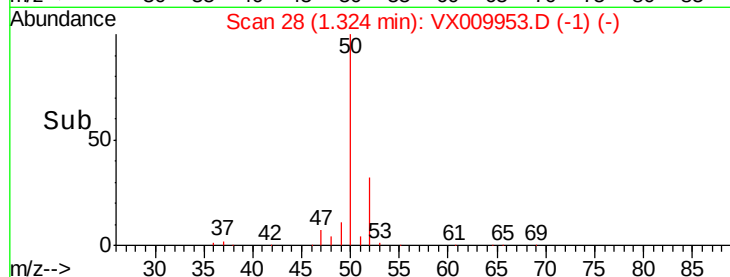
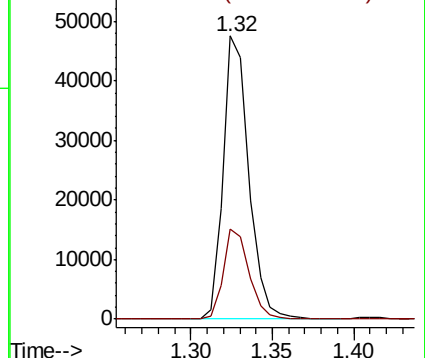
50 100

52 31.9 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: 19.407 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009953.D

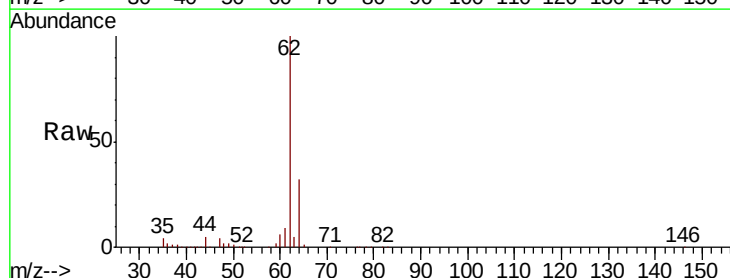
Acq: 30 May 2019 12:20

Tgt Ion: 62 Resp: 47893

Ion Ratio Lower Upper

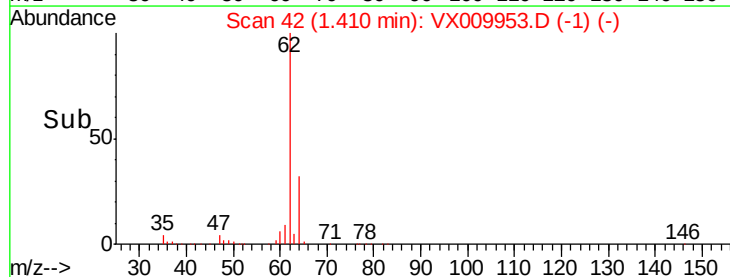
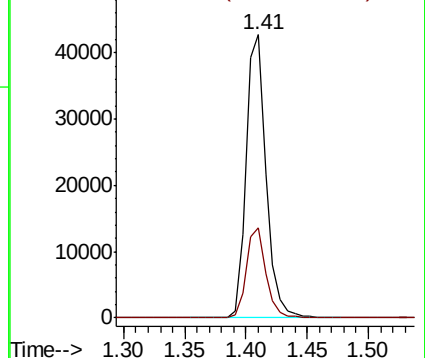
62 100

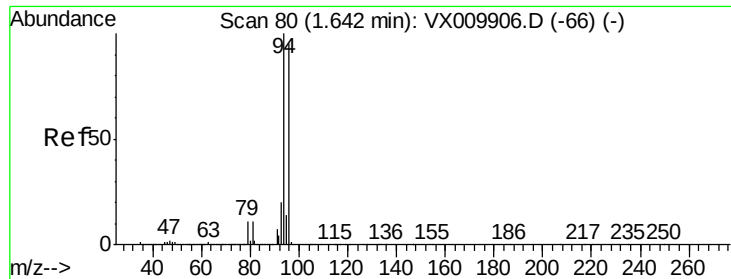
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.866 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

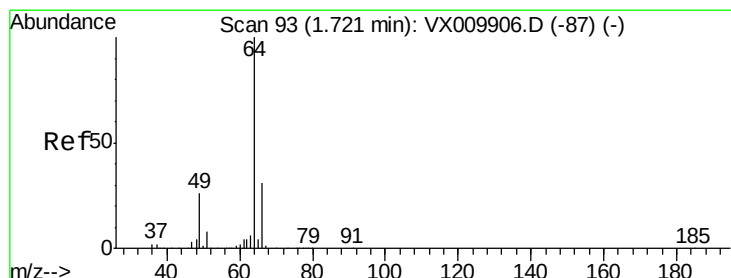
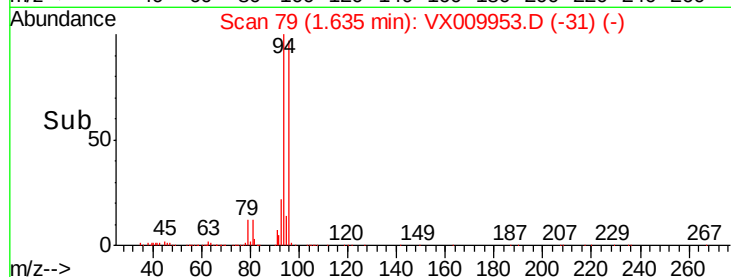
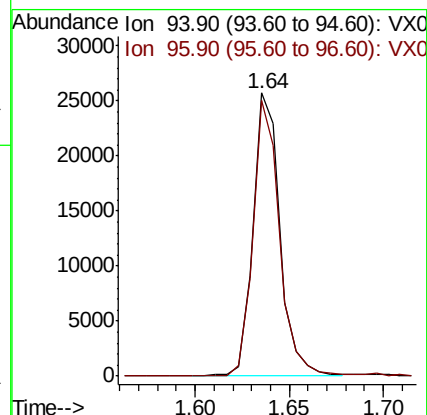
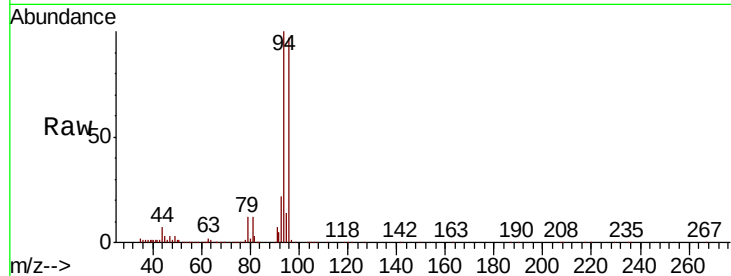
VX0530WBS01

Tot Ion: 94 Resp: 25217

Ion Ratio Lower Upper

94 100

96 97.6 76.2 114.4



#6

Chloroethane

Concen: 17.816 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009953.D

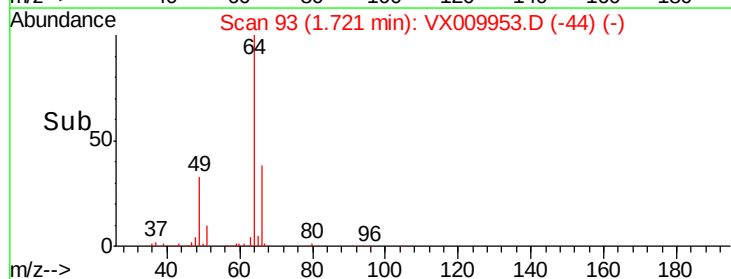
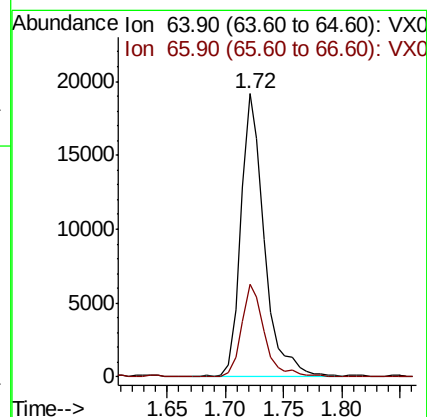
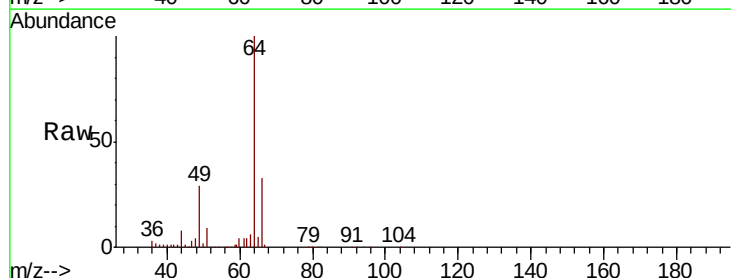
Acq: 30 May 2019 12:20

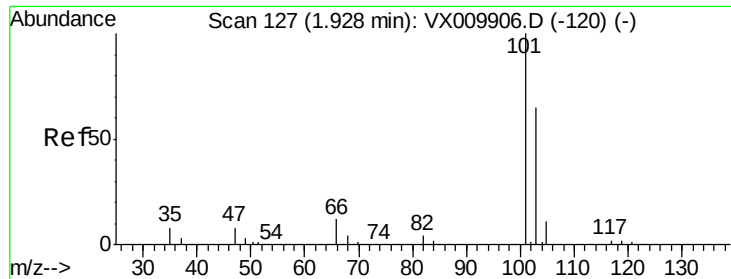
Tgt Ion: 64 Resp: 27065

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7



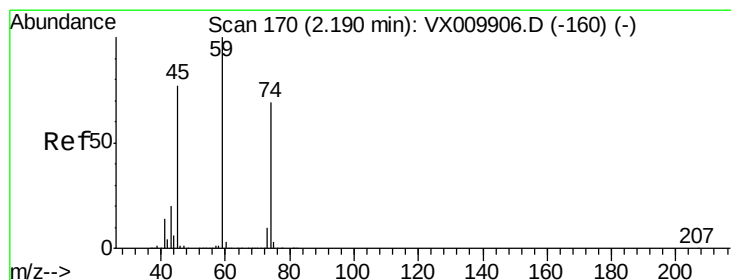
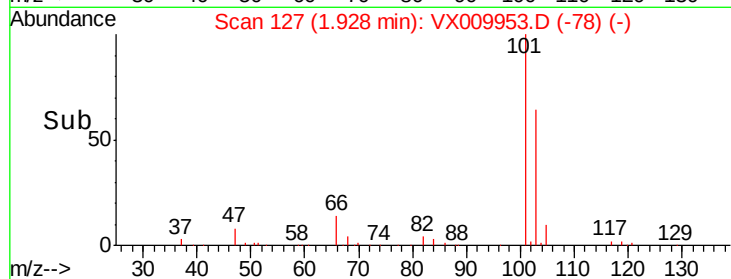
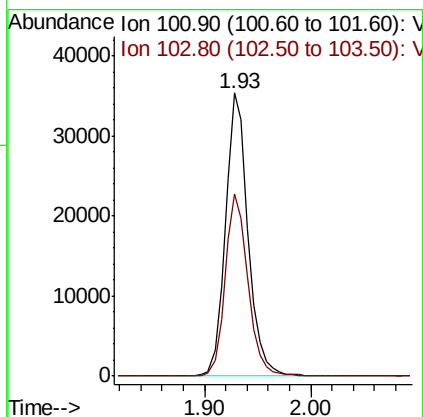
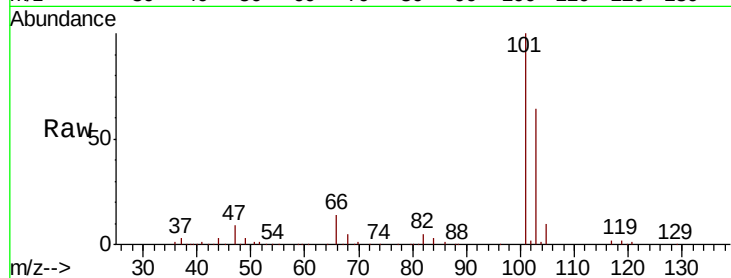


#7

Trichlorofluoromethane
 Concen: 19.248 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

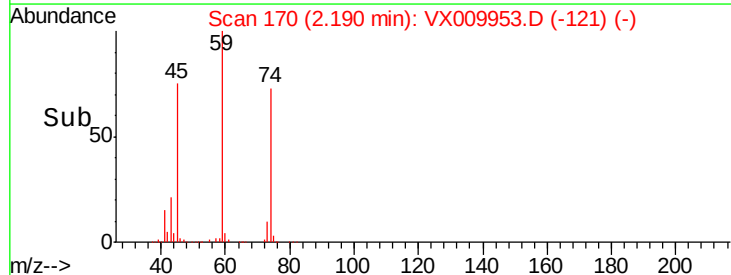
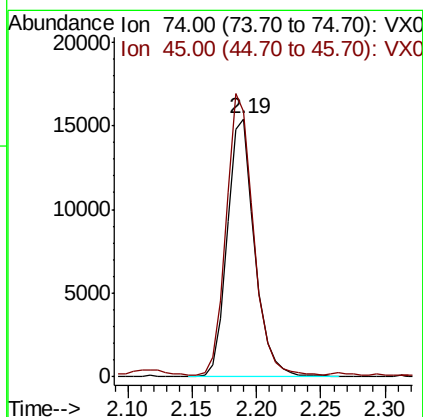
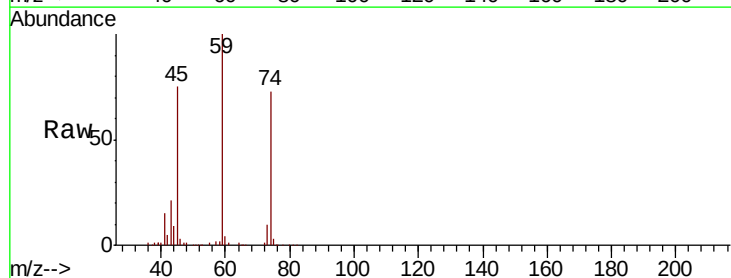
Tot Ion:101 Resp: 52489
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.4

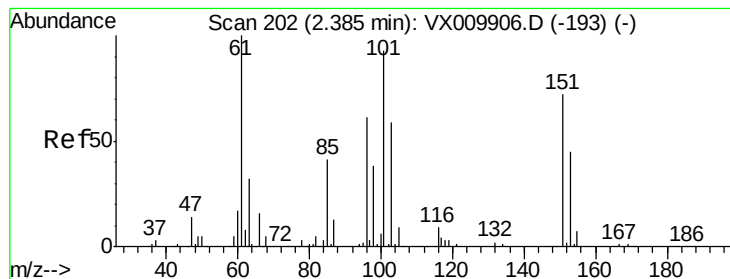


#8

Diethyl Ether
 Concen: 17.978 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion: 74 Resp: 23039
 Ion Ratio Lower Upper
 74 100
 45 107.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.537 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

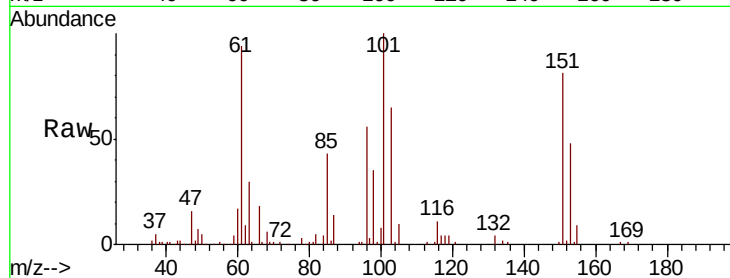
Tot Ion:101 Resp: 32166

Ion Ratio Lower Upper

101 100

85 45.7 35.2 52.8

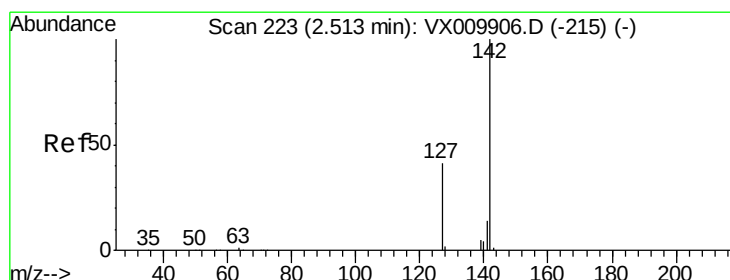
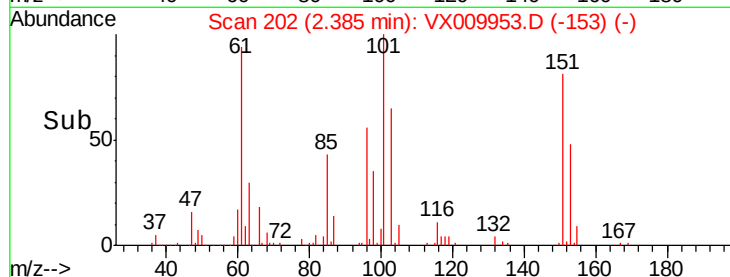
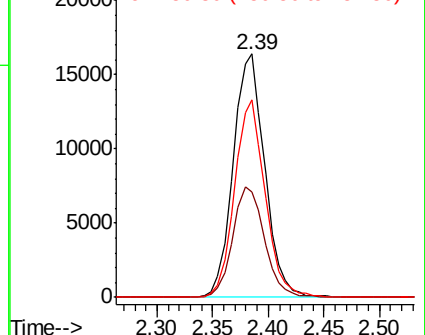
151 78.4 61.9 92.9



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: 20.053 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

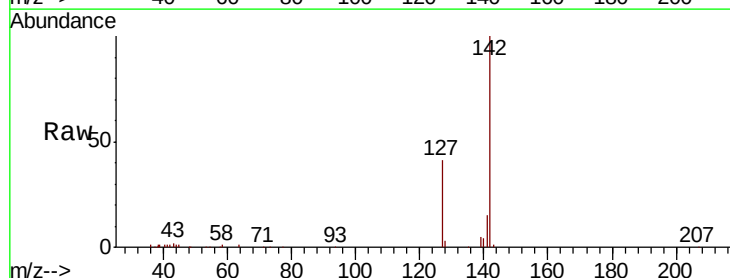
Tgt Ion:142 Resp: 34613

Ion Ratio Lower Upper

142 100

127 41.7 33.0 49.4

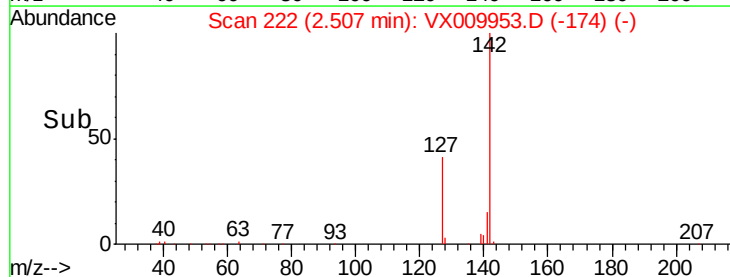
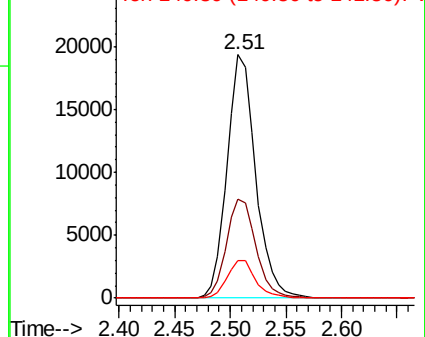
141 15.3 11.4 17.0

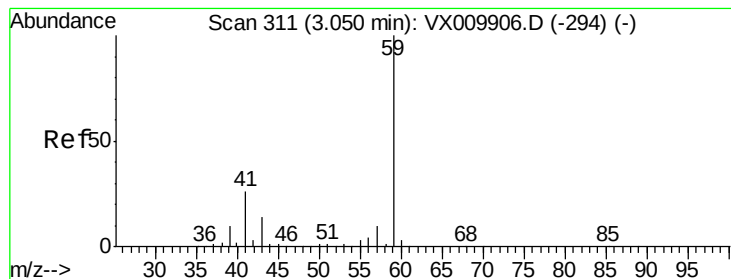


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



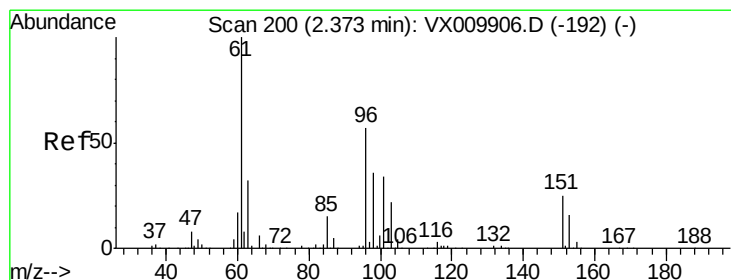
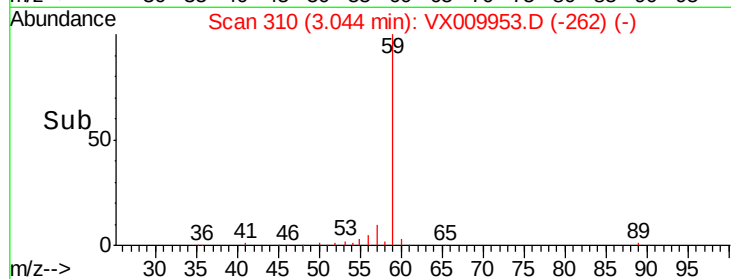
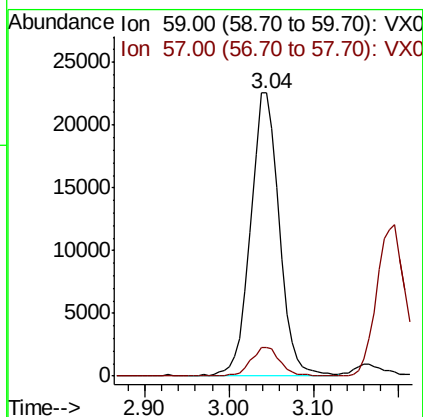
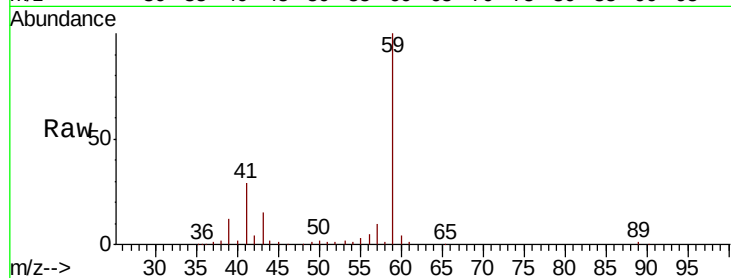


#11

Tert butyl alcohol
 Concen: 90.499 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

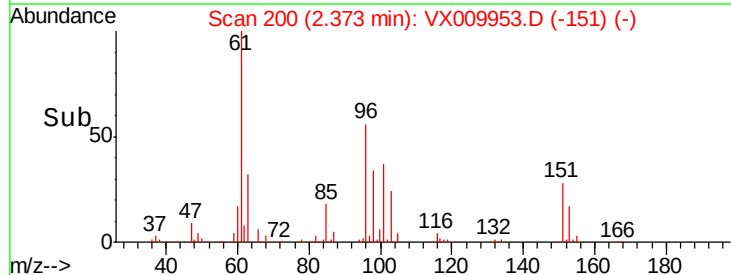
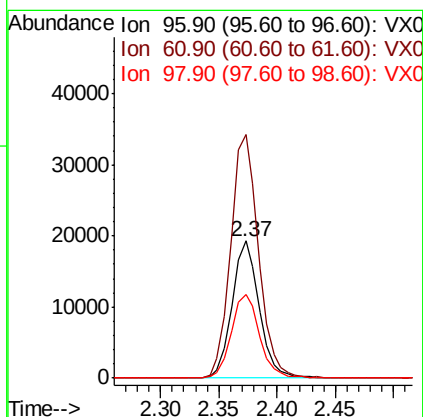
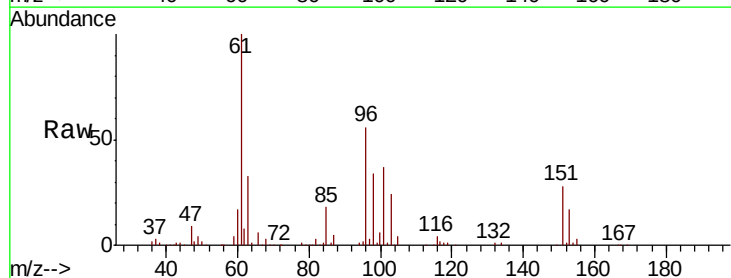
Tot Ion: 59 Resp: 52425
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

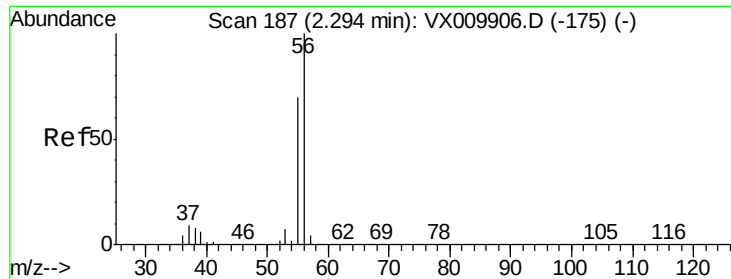


#12

1,1-Dichloroethene
 Concen: 18.477 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion: 96 Resp: 31181
 Ion Ratio Lower Upper
 96 100
 61 177.9 140.7 211.1
 98 61.3 50.1 75.1





#13

Acrolein

Concen: 89.724 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

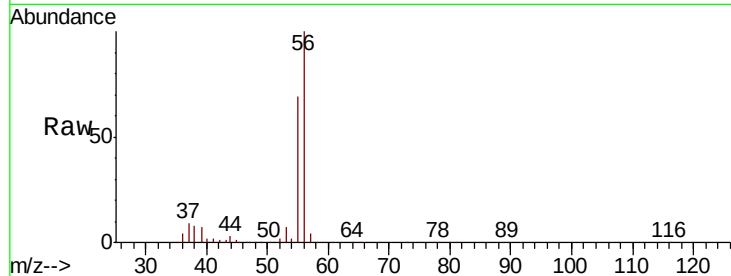
VX0530WBS01

Tot Ion: 56 Resp: 30777

Ion Ratio Lower Upper

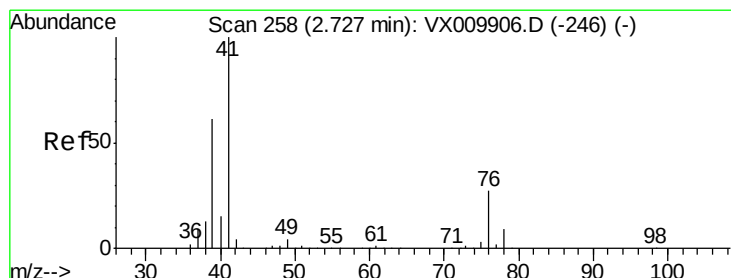
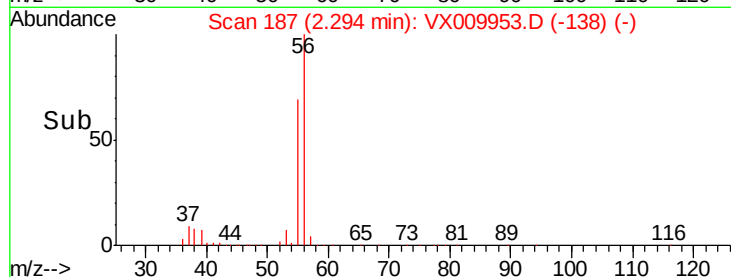
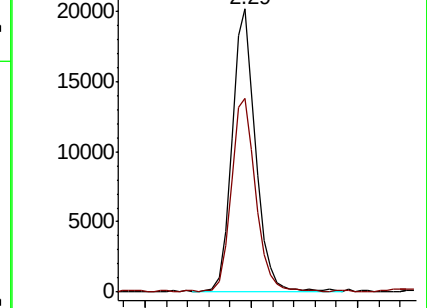
56 100

55 72.2 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: 18.902 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

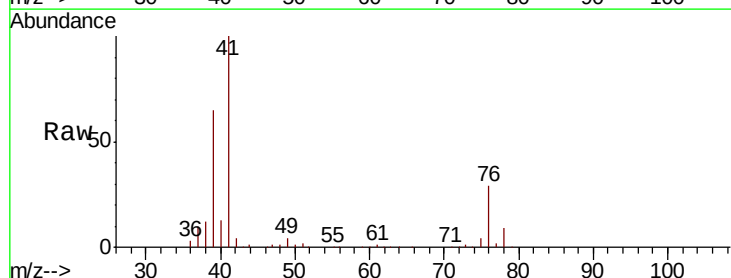
Tgt Ion: 41 Resp: 77529

Ion Ratio Lower Upper

41 100

39 60.1 46.7 70.1

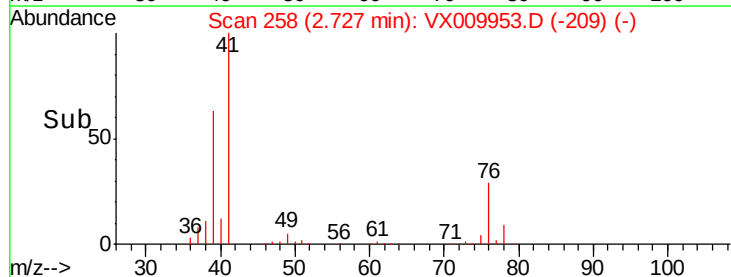
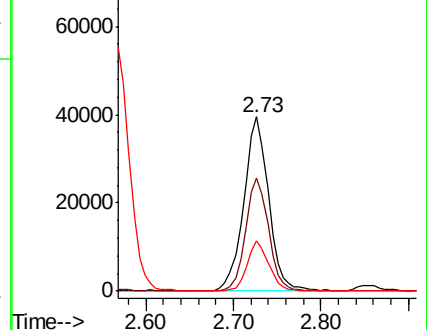
76 25.6 21.0 31.4

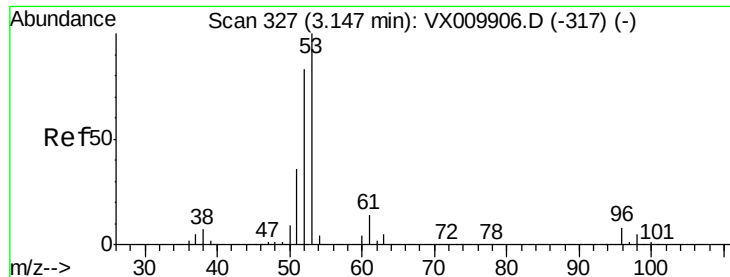


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 89.244 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

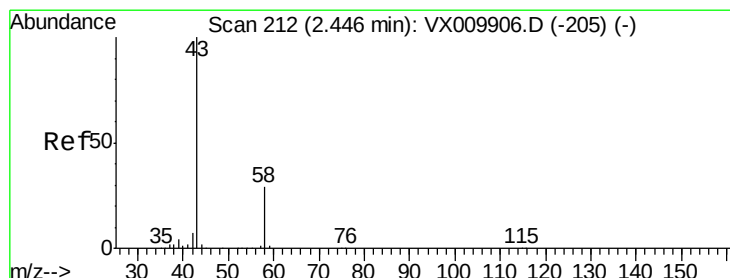
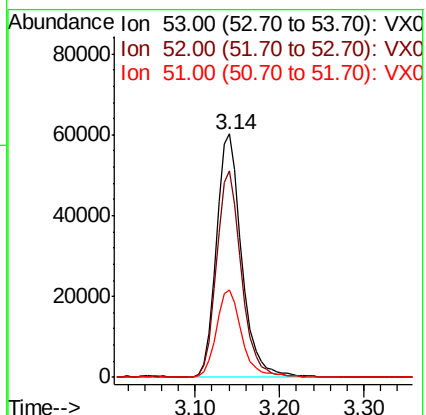
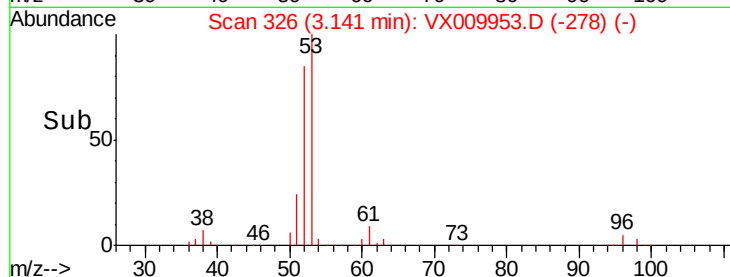
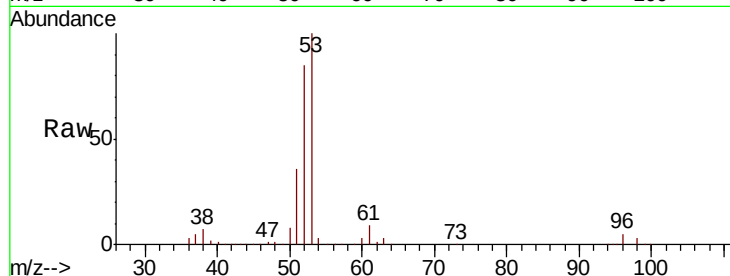
Tot Ion: 53 Resp: 124566

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

51 36.5 28.8 43.2



#16

Acetone

Concen: 92.499 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009953.D

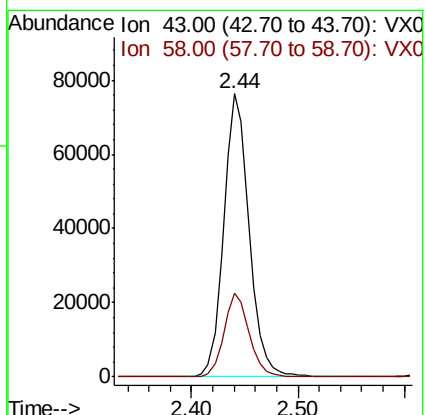
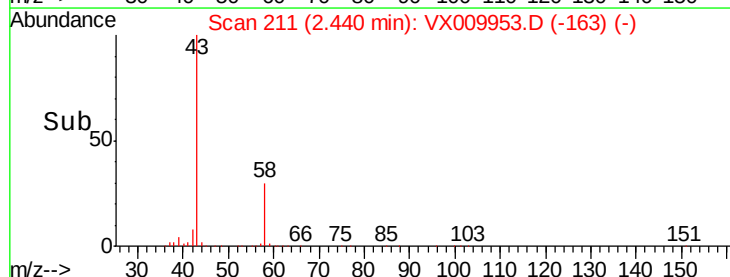
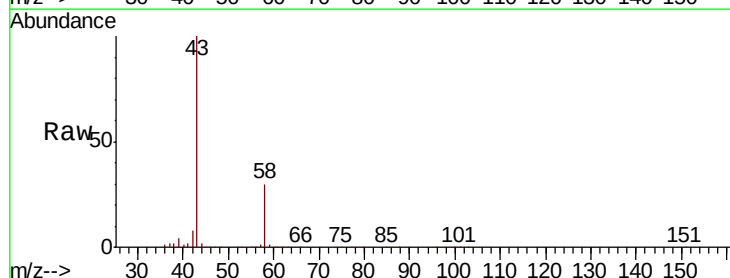
Acq: 30 May 2019 12:20

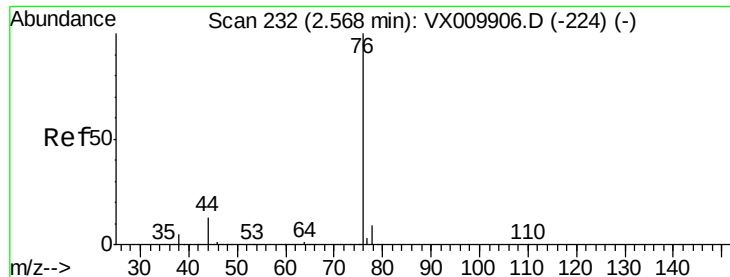
Tgt Ion: 43 Resp: 125801

Ion Ratio Lower Upper

43 100

58 29.8 23.2 34.8

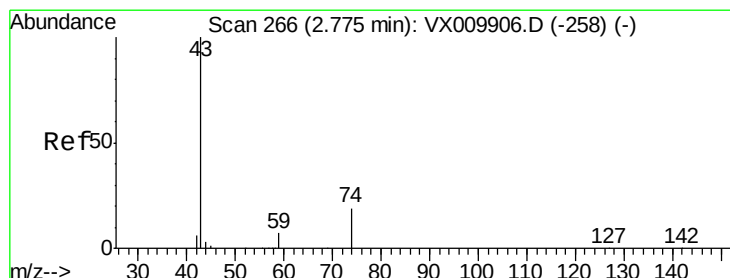
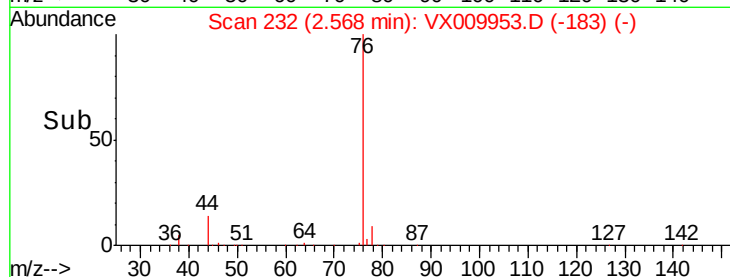
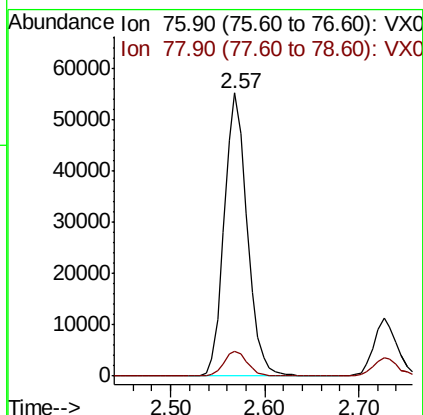
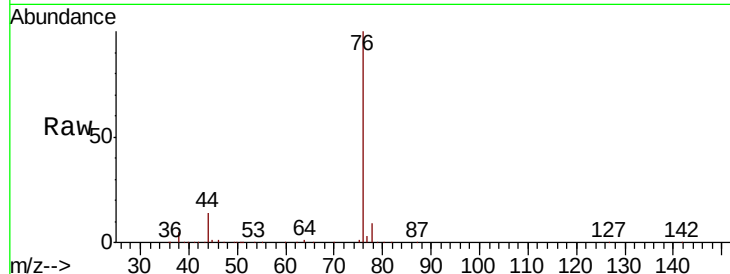




#17
Carbon Disulfide
Concen: 18.525 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

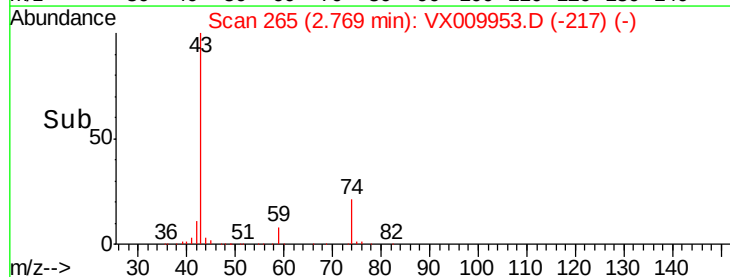
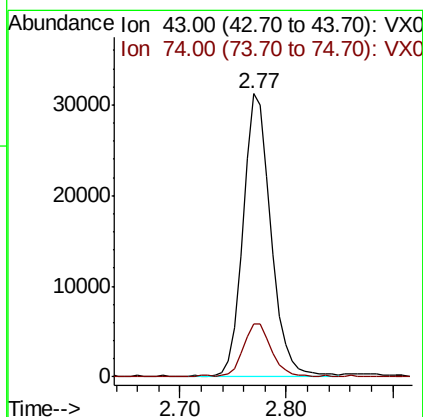
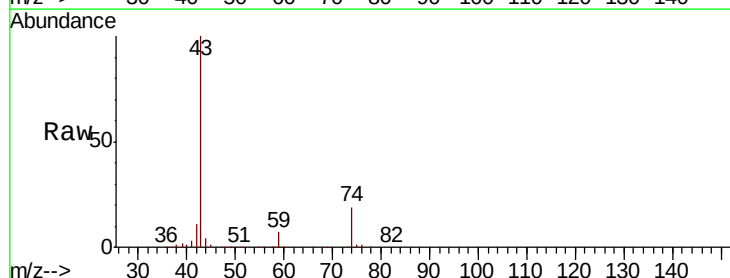
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

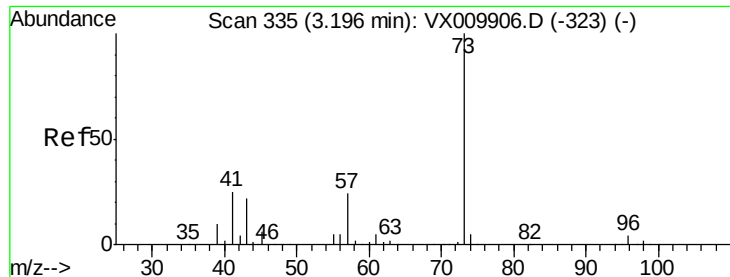
Tot Ion: 76 Resp: 93418
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 18.213 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 43 Resp: 57635
Ion Ratio Lower Upper
43 100
74 19.1 15.8 23.6

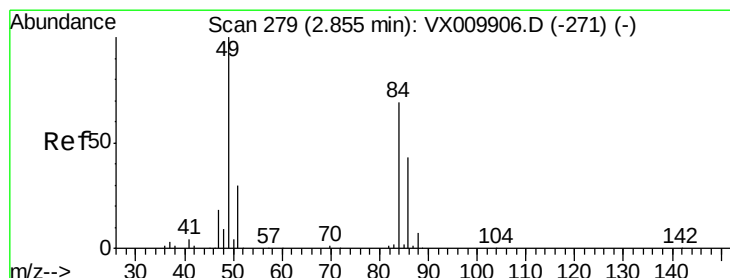
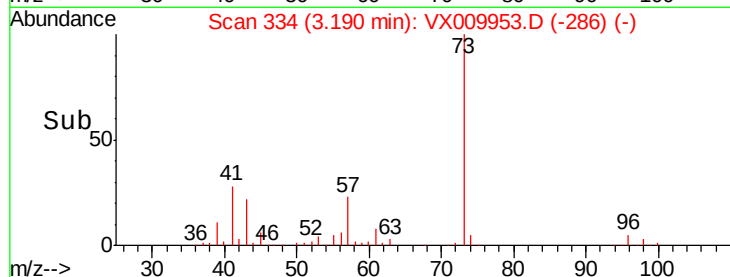
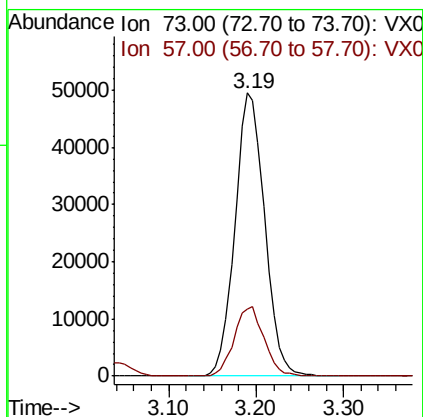
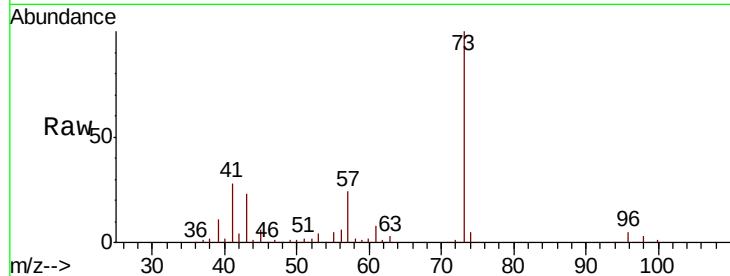




#19
Methyl tert-butyl Ether
Concen: 18.389 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

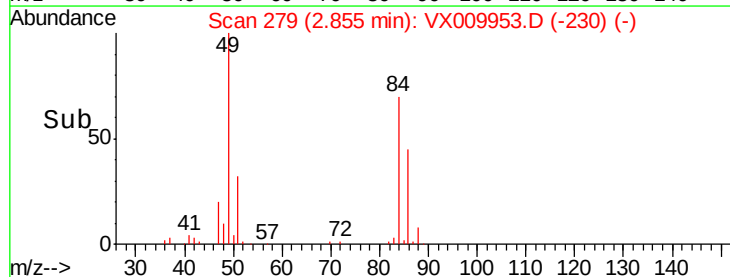
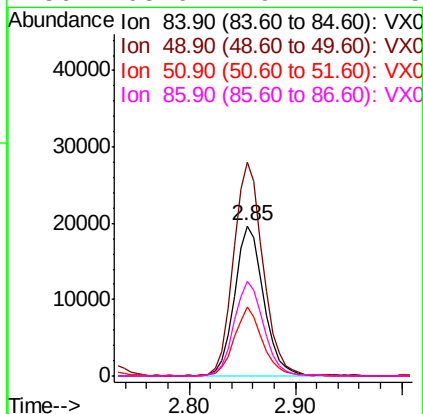
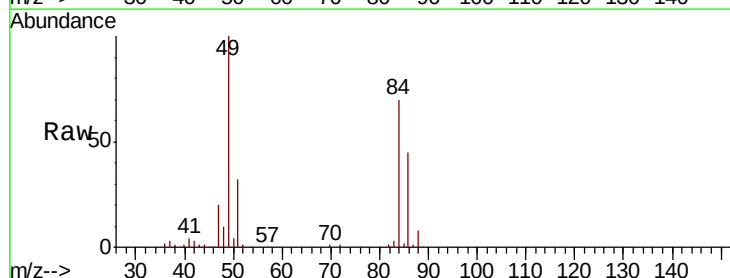
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

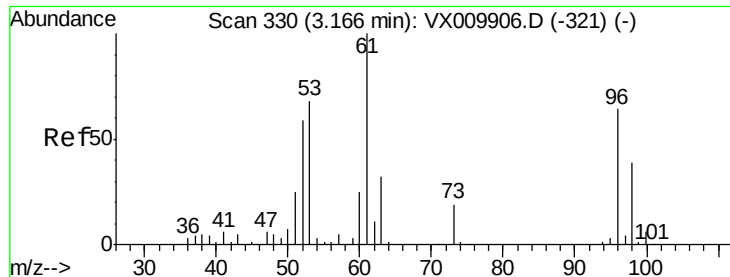
Tot Ion: 73 Resp: 117159
Ion Ratio Lower Upper
73 100
57 23.6 19.4 29.2



#20
Methylene Chloride
Concen: 18.161 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 84 Resp: 37825
Ion Ratio Lower Upper
84 100
49 141.9 115.8 173.6
51 45.7 34.4 51.6
86 63.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.840 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

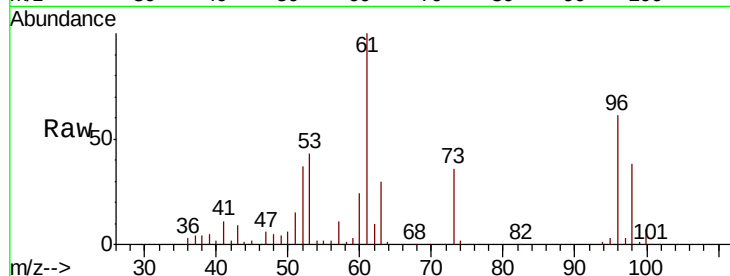
Tot Ion: 96 Resp: 33498

Ion Ratio Lower Upper

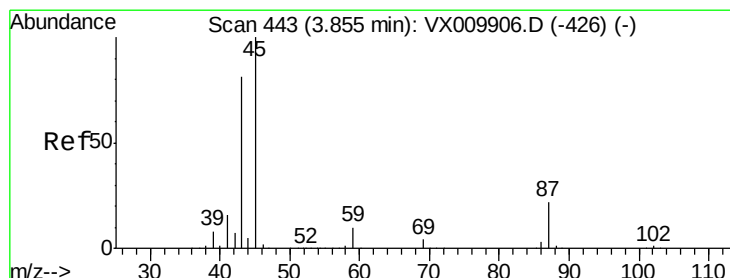
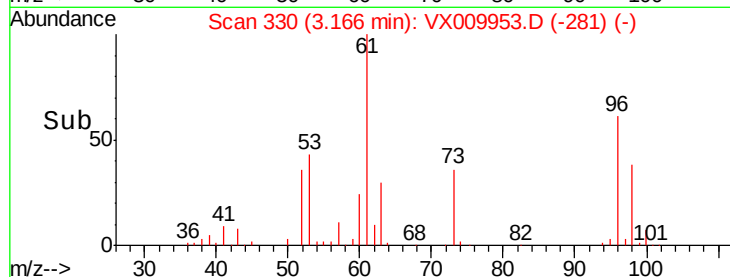
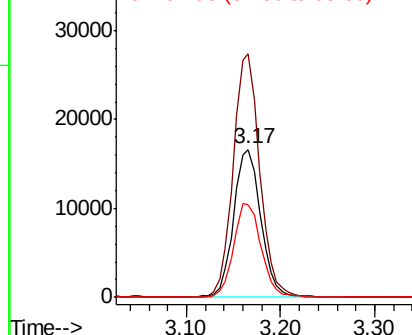
96 100

61 164.3 125.7 188.5

98 62.7 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: 19.087 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Tgt Ion: 45 Resp: 148959

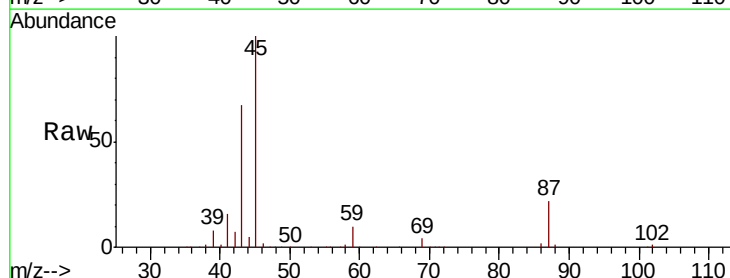
Ion Ratio Lower Upper

45 100

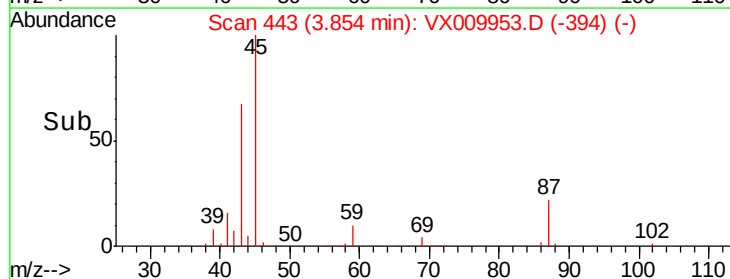
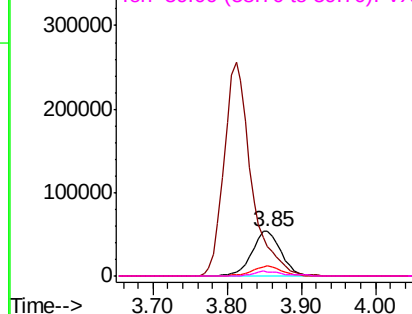
43 67.2 65.0 97.4

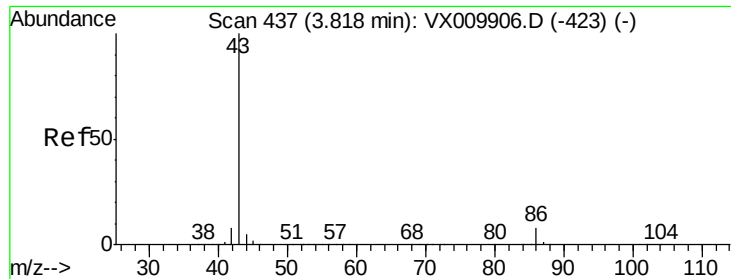
87 22.1 17.3 25.9

59 10.0 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: 93.574 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

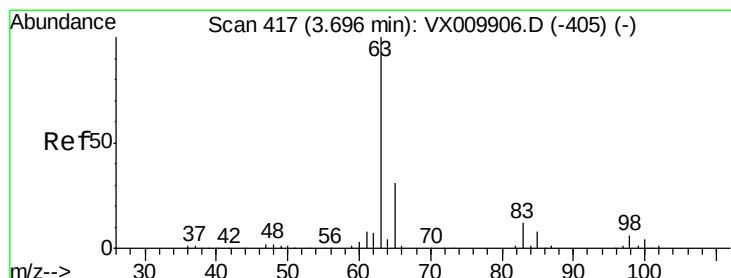
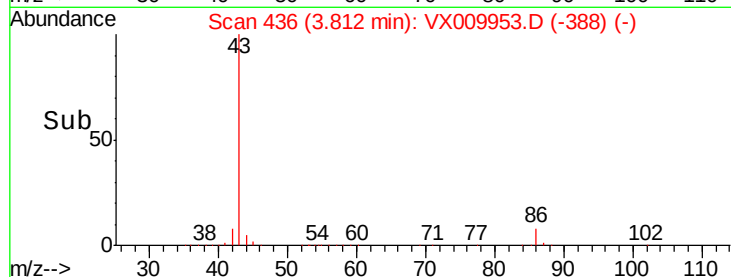
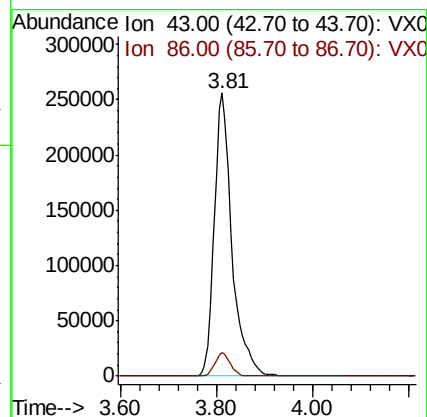
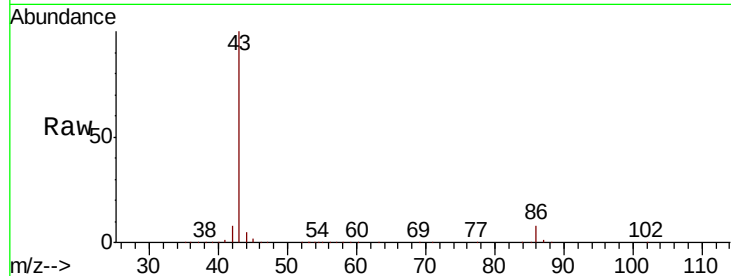
VX0530WBS01

Tot Ion: 43 Resp: 656043

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 18.647 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

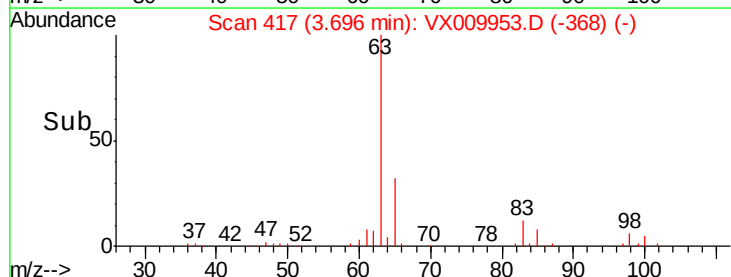
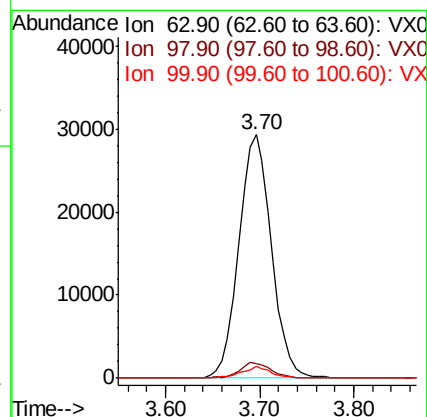
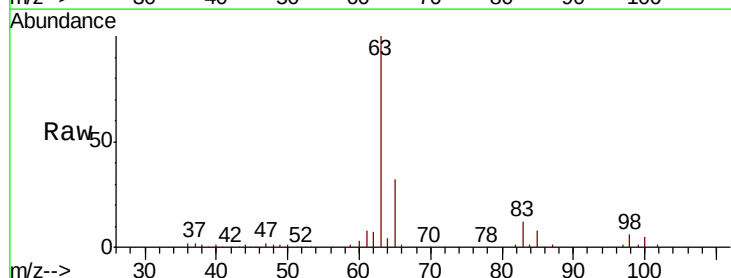
Tgt Ion: 63 Resp: 70524

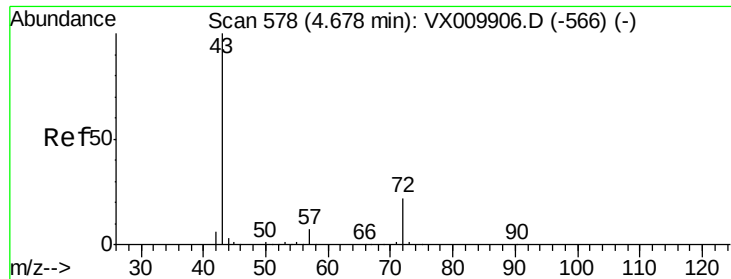
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 4.7 1.8 5.4





#25

2-Butanone

Concen: 89.323 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

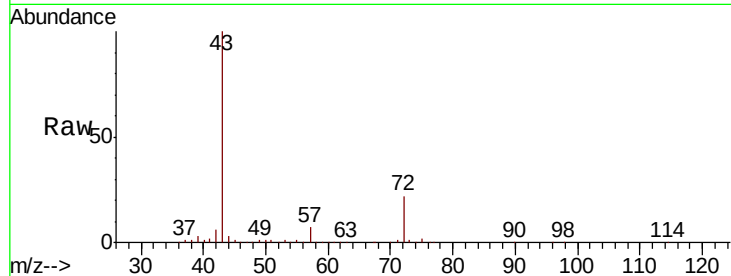
VX0530WBS01

Tot Ion: 43 Resp: 189266

Ion Ratio Lower Upper

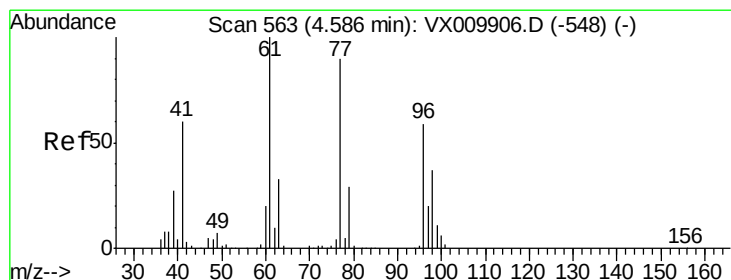
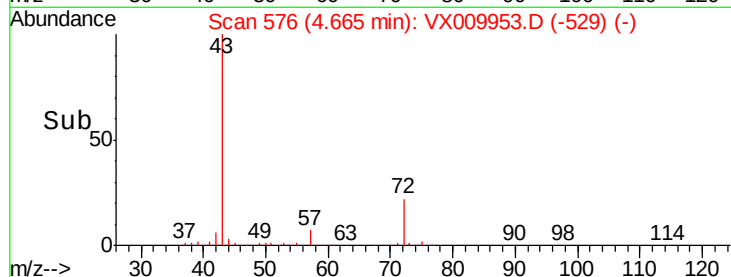
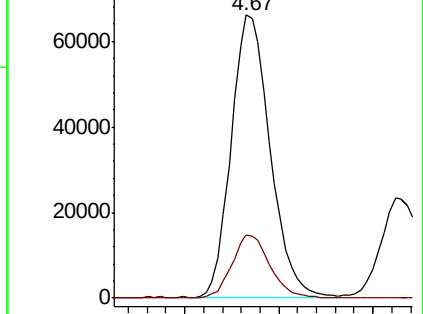
43 100

72 22.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.622 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009953.D

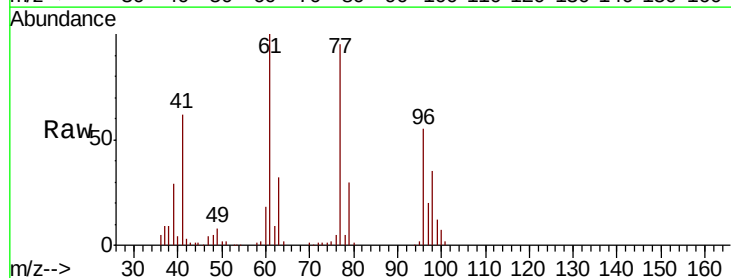
Acq: 30 May 2019 12:20

Tgt Ion: 77 Resp: 53276

Ion Ratio Lower Upper

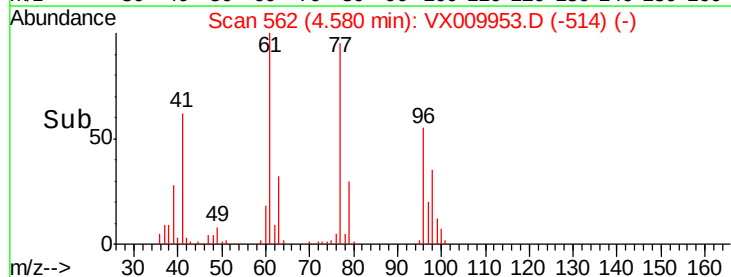
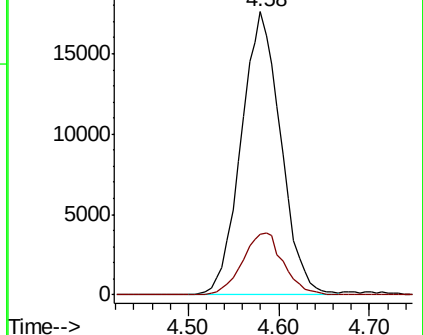
77 100

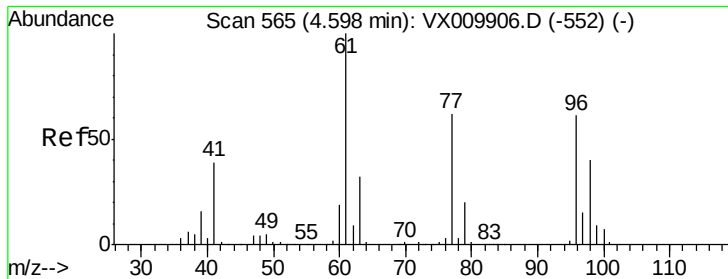
97 22.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



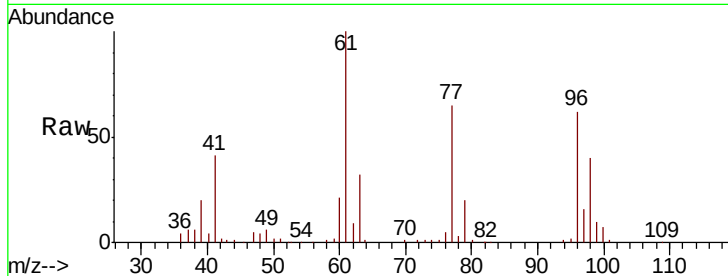


#27

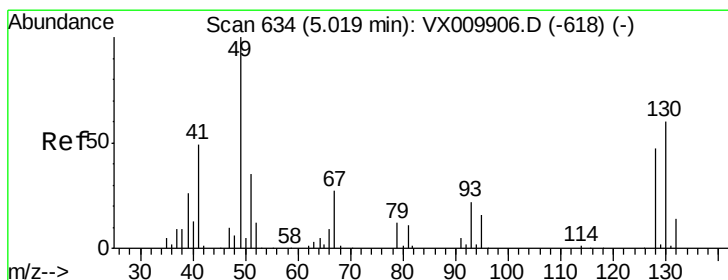
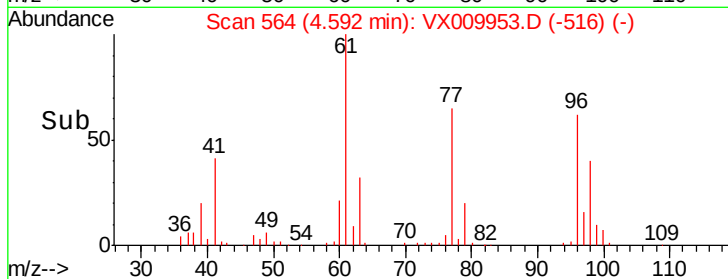
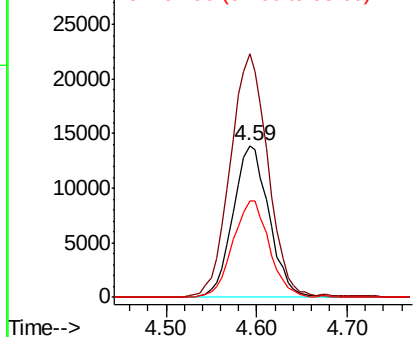
cis-1,2-Dichloroethene
Concen: 17.641 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tot Ion: 96 Resp: 38236
Ion Ratio Lower Upper
96 100
61 167.8 0.0 334.0
98 64.3 0.0 131.6



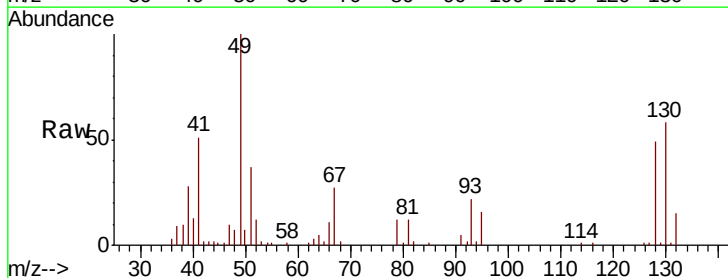
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



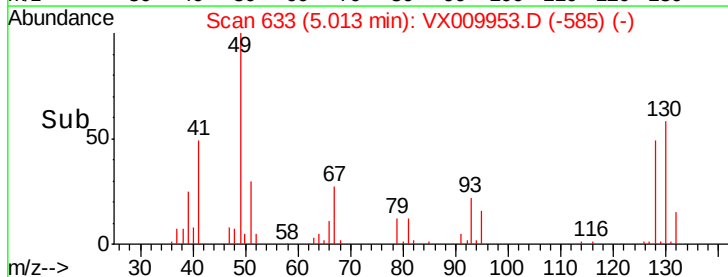
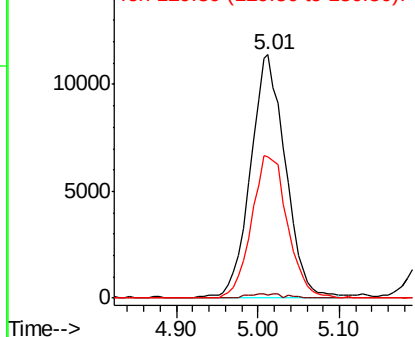
#28

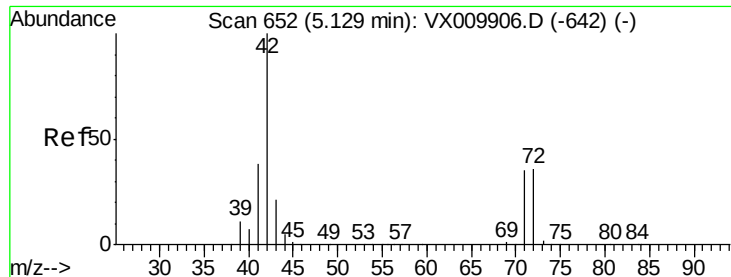
Bromochloromethane
Concen: 17.388 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 49 Resp: 34127
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.4
130 59.7 49.4 74.2



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





#29

Tetrahydrofuran

Concen: 89.138 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS01

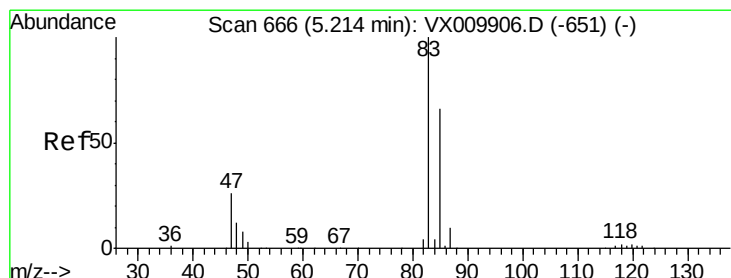
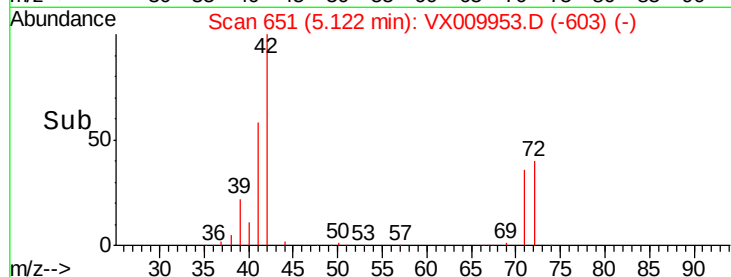
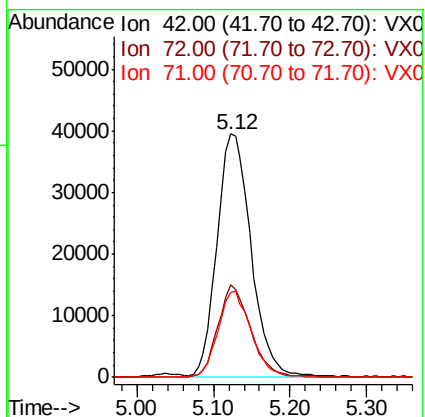
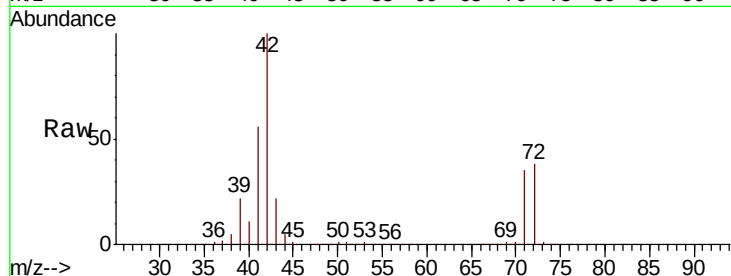
Tot Ion: 42 Resp: 121118

Ion Ratio Lower Upper

42 100

72 36.8 29.2 43.8

71 34.5 27.6 41.4



#30

Chloroform

Concen: 18.711 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009953.D

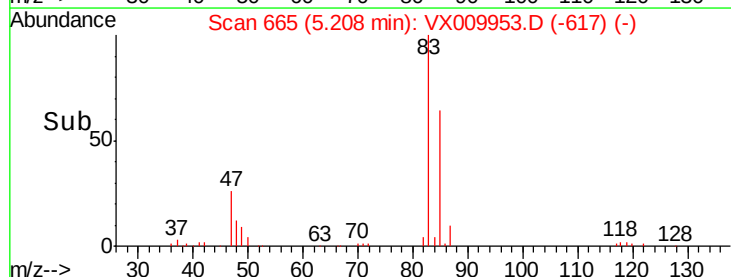
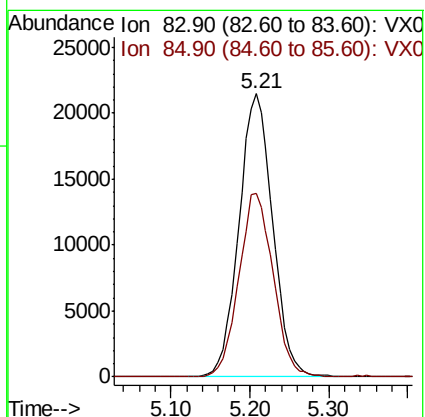
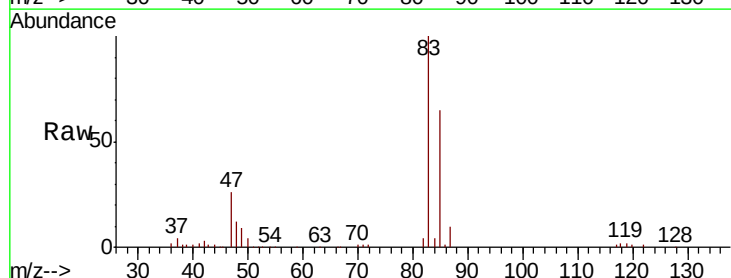
Acq: 30 May 2019 12:20

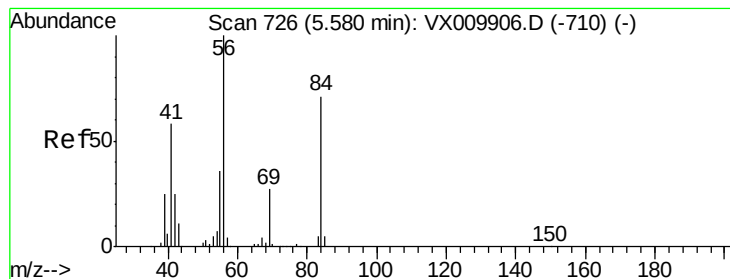
Tgt Ion: 83 Resp: 63821

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8





#31

Cyclohexane

Concen: 19.986 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

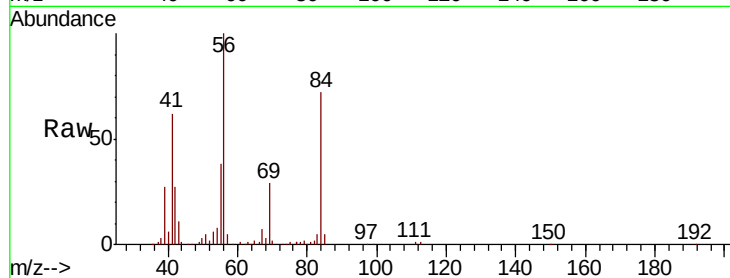
Tot Ion: 56 Resp: 71592

Ion Ratio Lower Upper

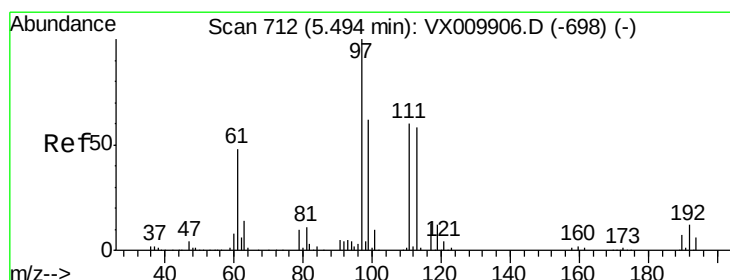
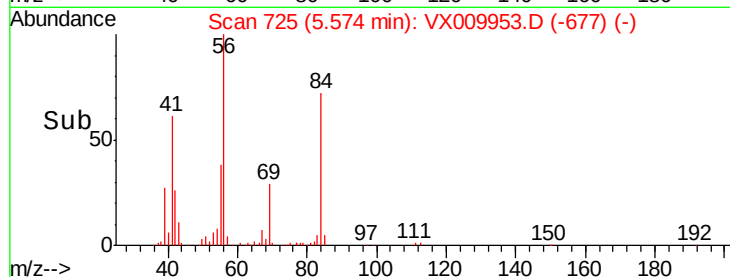
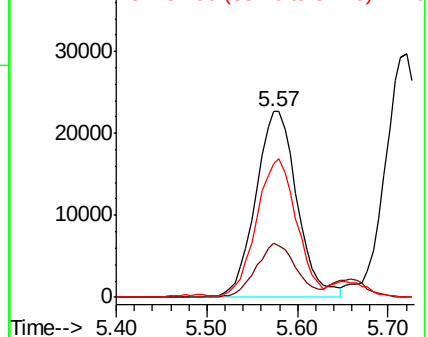
56 100

69 28.6 21.6 32.4

84 71.0 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: 19.143 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

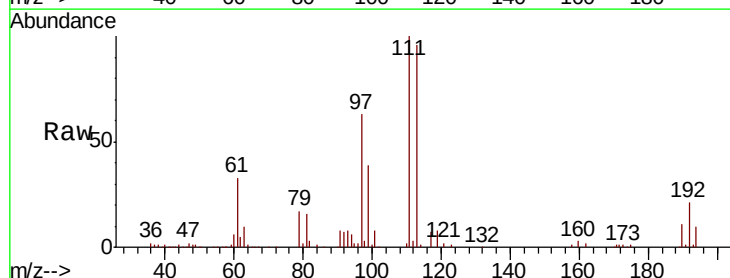
Tgt Ion: 97 Resp: 53177

Ion Ratio Lower Upper

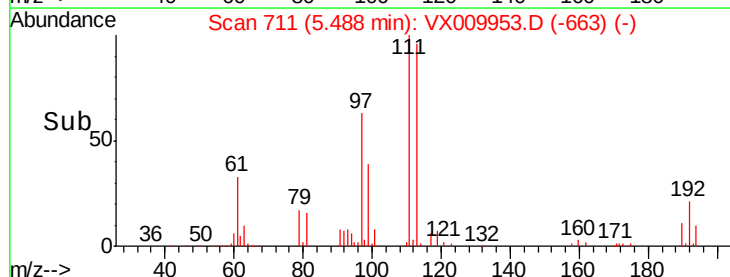
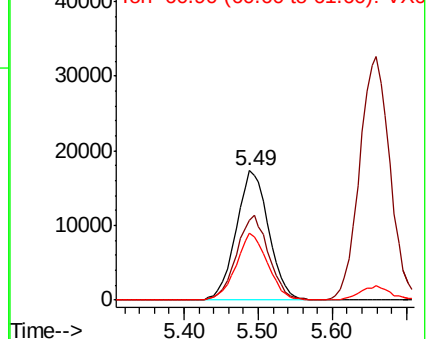
97 100

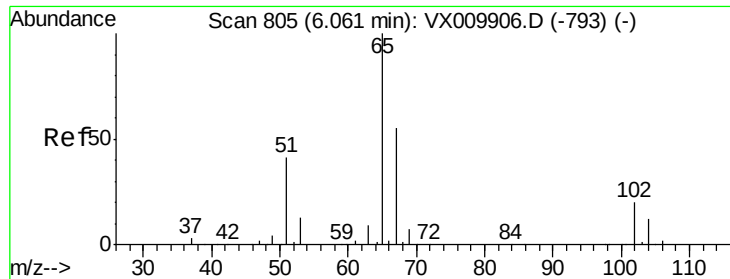
99 64.4 51.0 76.4

61 49.0 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

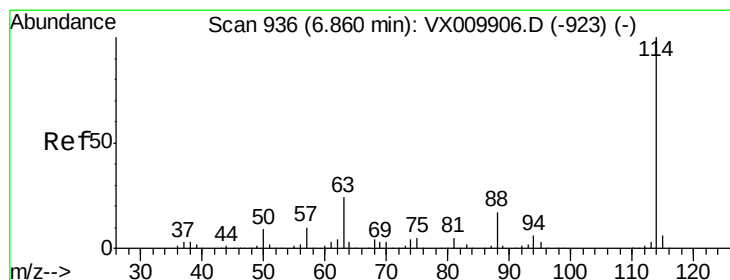
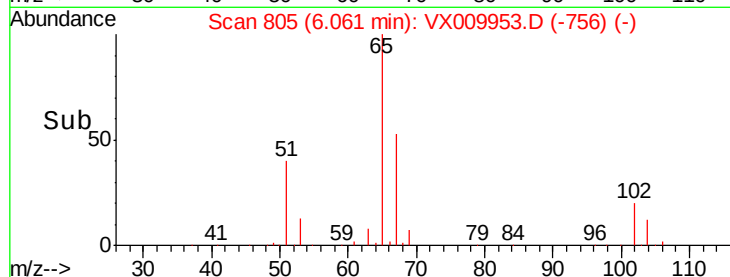
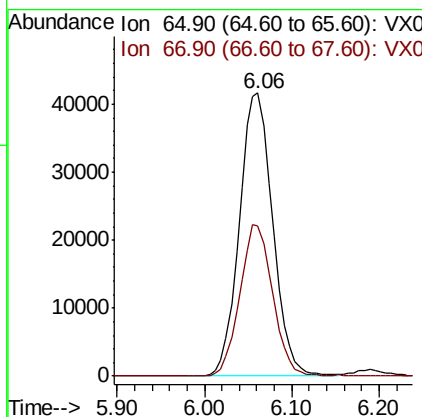
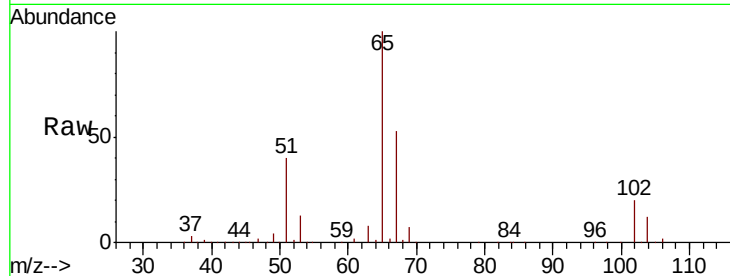




#33
 1,2-Dichloroethane-d4
 Concen: 46.849 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

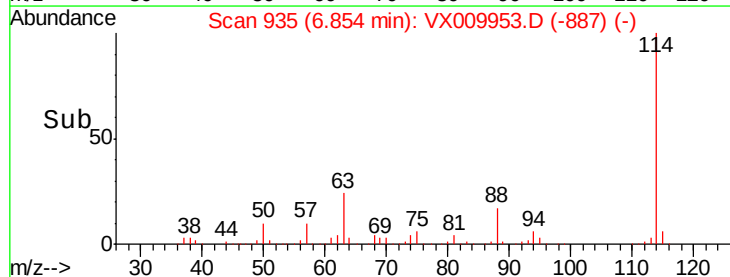
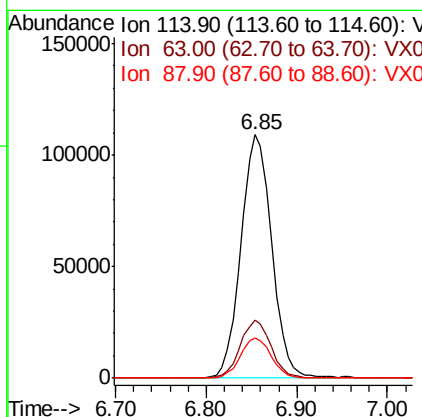
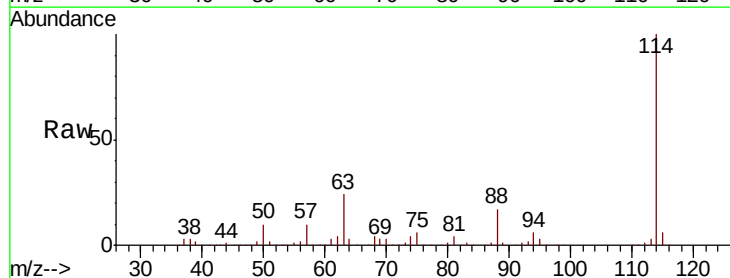
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

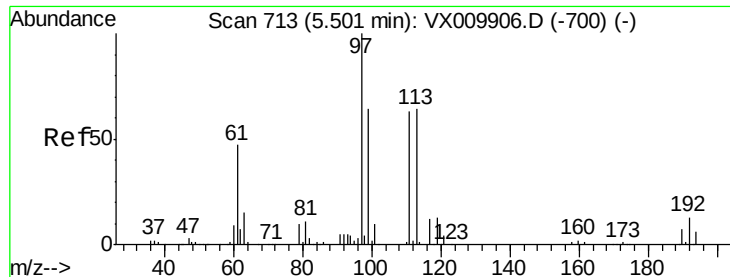
Tot Ion: 65 Resp: 110277
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion: 114 Resp: 257087
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.4
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.393 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS01

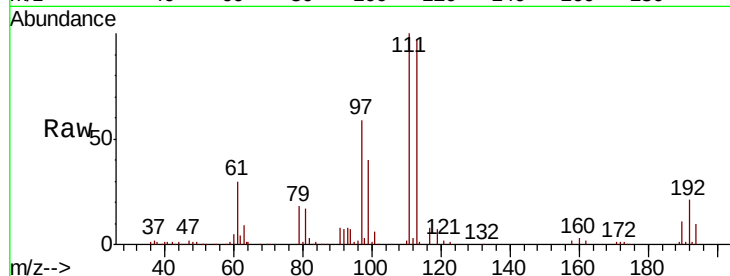
Tot Ion:113 Resp: 78219

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

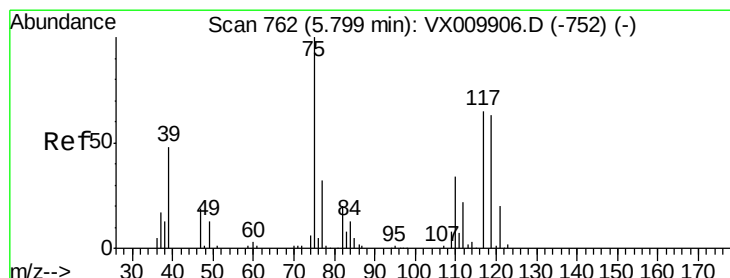
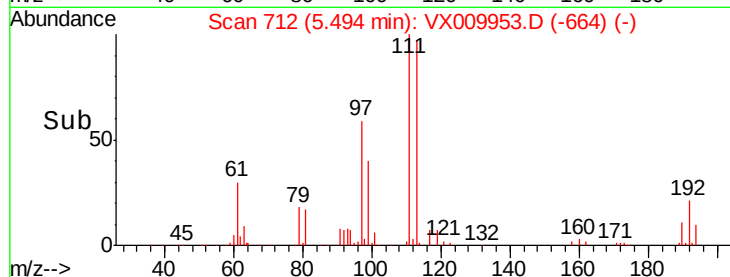
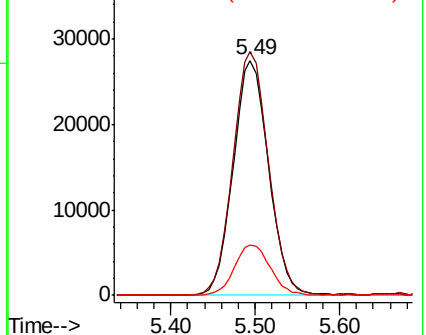
192 22.0 17.1 25.7



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: 19.227 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

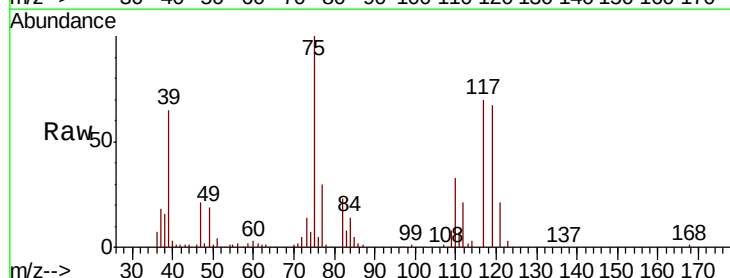
Tgt Ion: 75 Resp: 50152

Ion Ratio Lower Upper

75 100

110 33.2 16.7 50.1

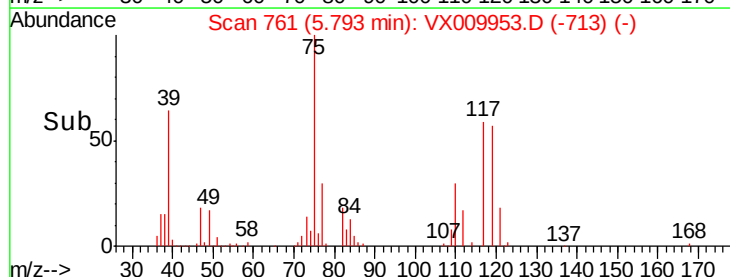
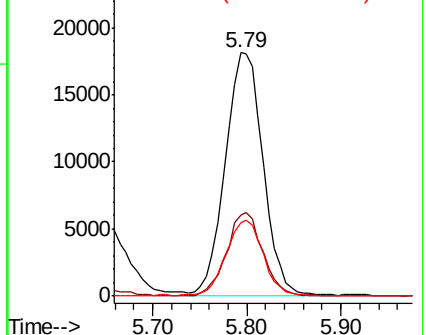
77 31.3 25.0 37.4

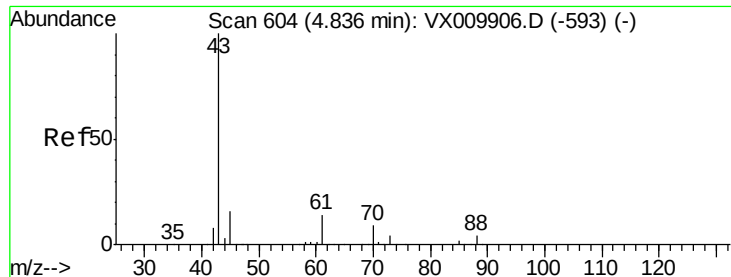


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

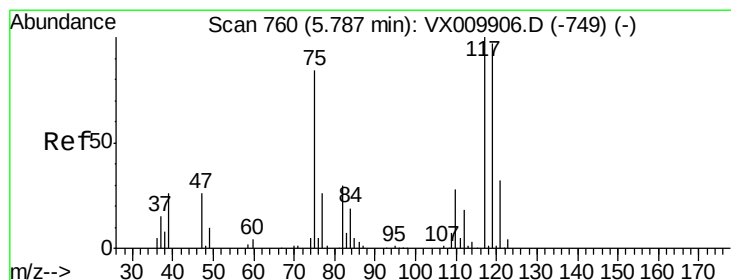
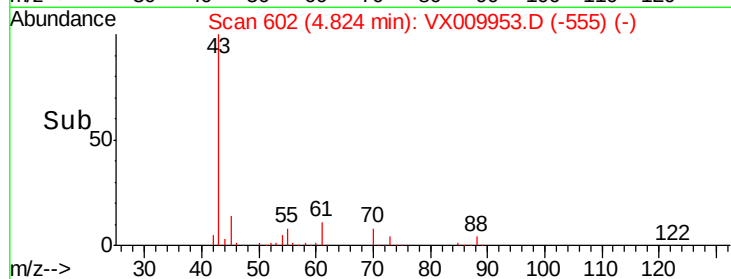
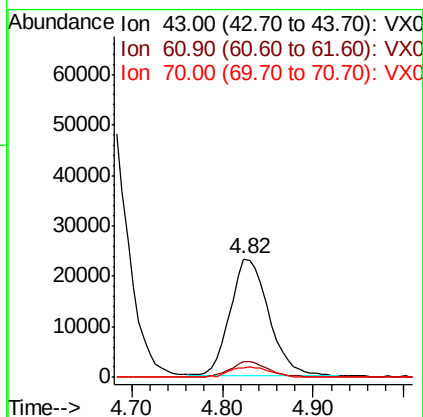
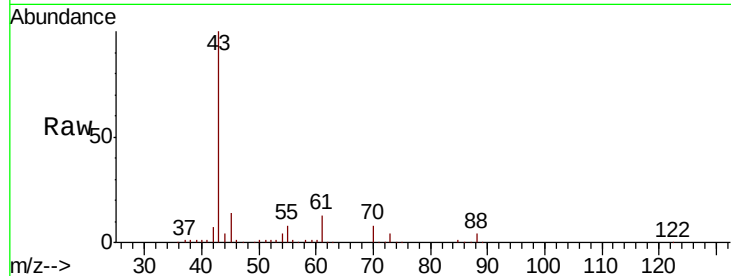




#37
Ethyl Acetate
Concen: 19.017 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

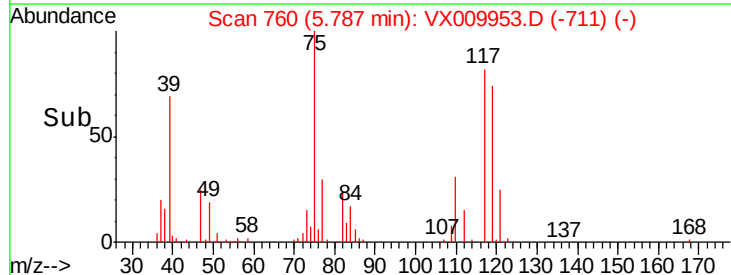
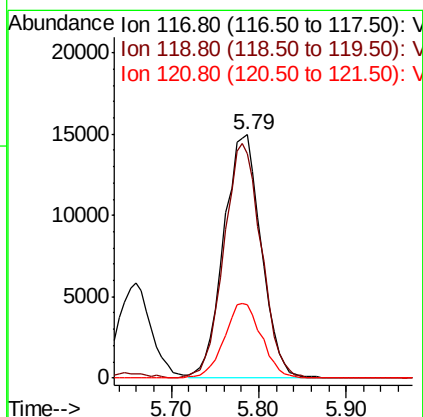
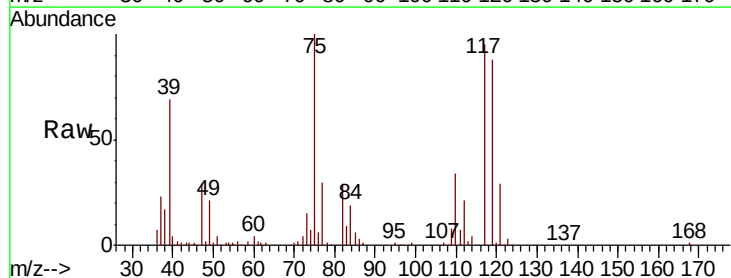
Instrument :
MSVOA_X
ClientSampled :
VX0530WBS01

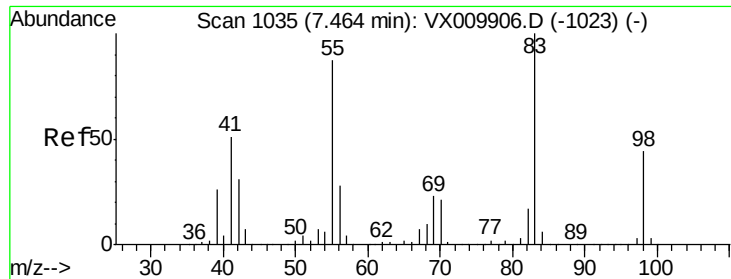
Tot Ion: 43 Resp: 69118
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.7 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.829 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 117 Resp: 44696
Ion Ratio Lower Upper
117 100
119 92.3 77.3 115.9
121 30.3 25.4 38.0

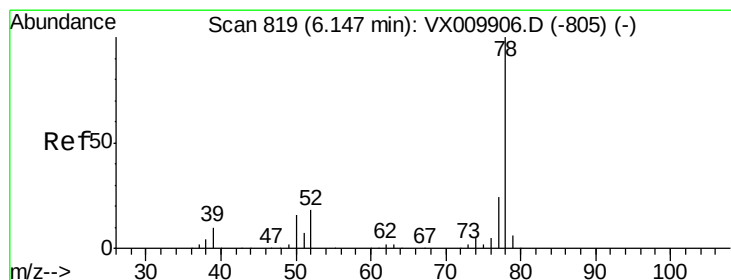
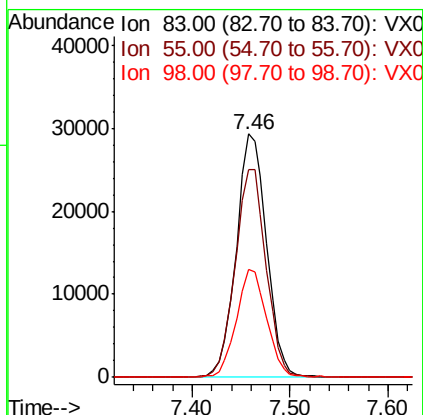
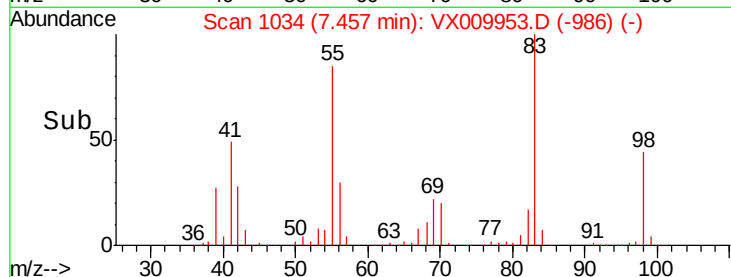
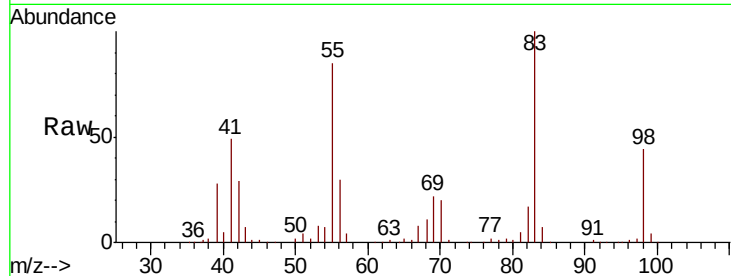




#39
Methylvlcyclohexane
Concen: 20.414 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

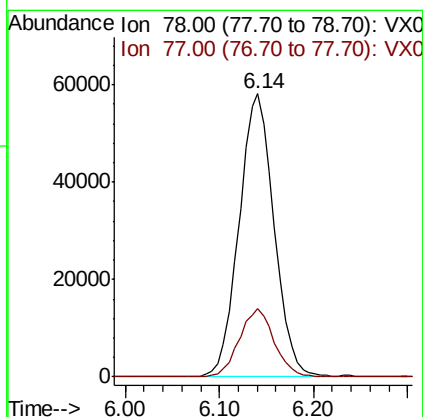
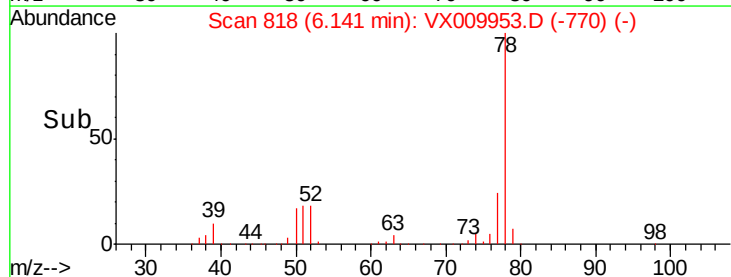
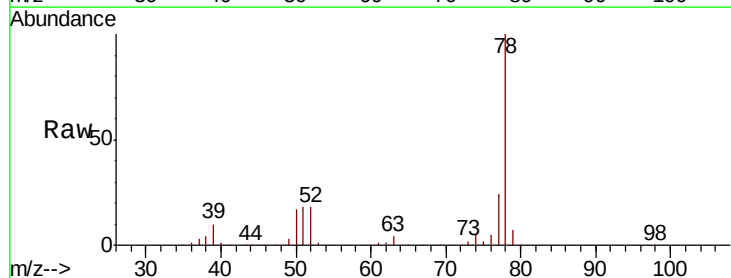
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

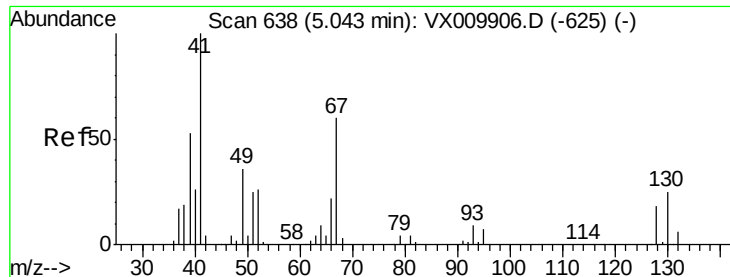
Tot Ion: 83 Resp: 63164
Ion Ratio Lower Upper
83 100
55 85.4 69.9 104.9
98 44.3 35.1 52.7



#40
Benzene
Concen: 19.495 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 78 Resp: 150853
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8





#41

Methacrylonitrile

Concen: 18.423 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

Tot Ion: 41 Resp: 39127

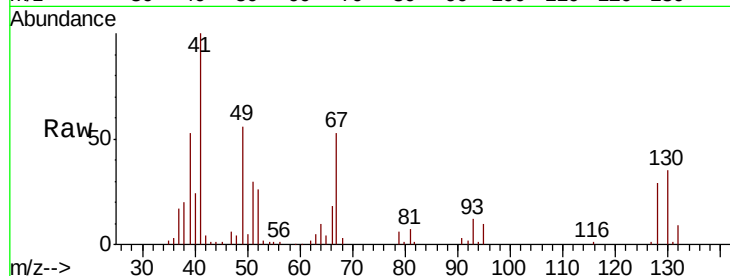
Ion Ratio Lower Upper

41 100

39 53.0 42.2 63.4

67 60.2 48.9 73.3

52 27.2 20.1 30.1

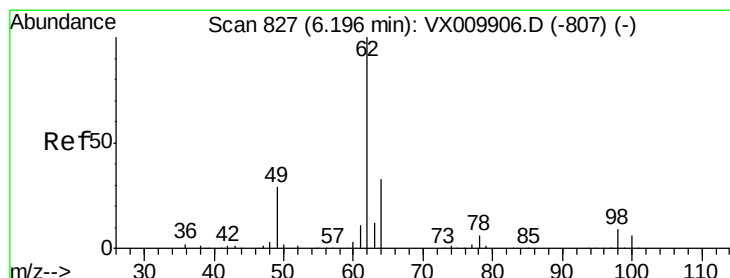
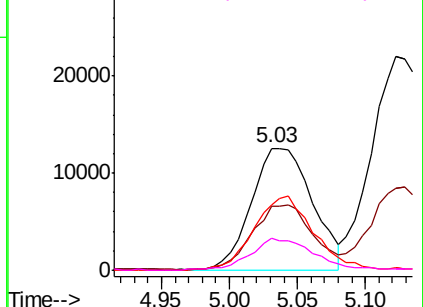
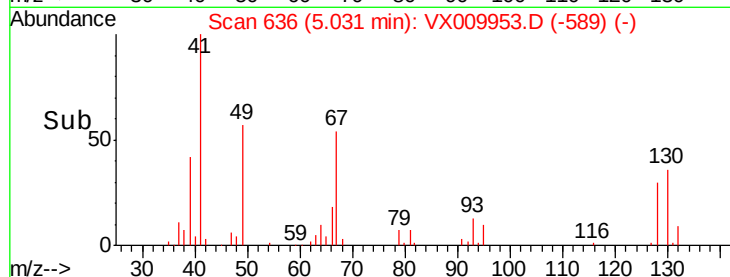


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.455 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009953.D

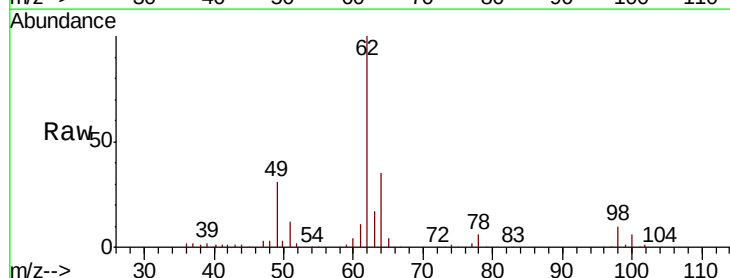
Acq: 30 May 2019 12:20

Tgt Ion: 62 Resp: 55655

Ion Ratio Lower Upper

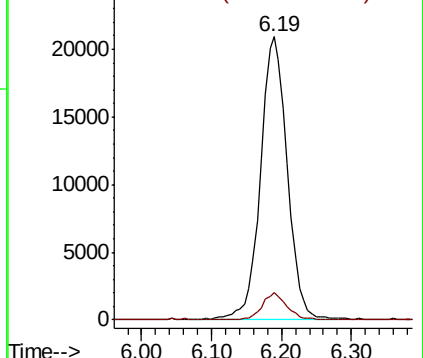
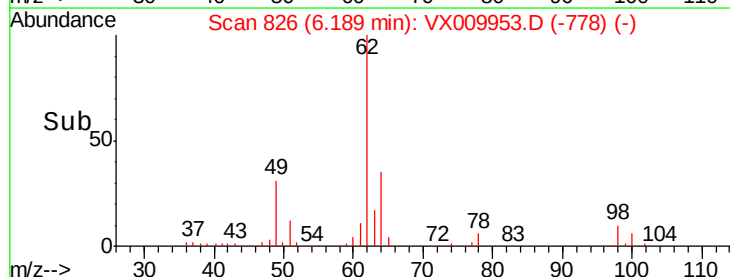
62 100

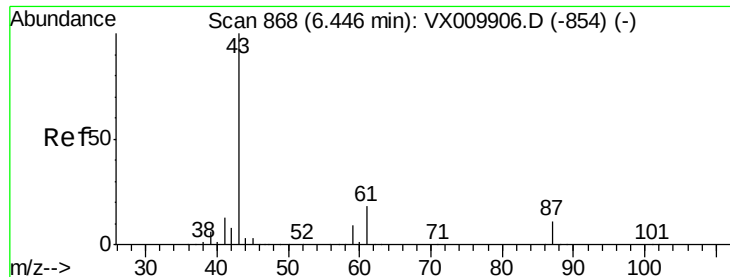
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.724 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

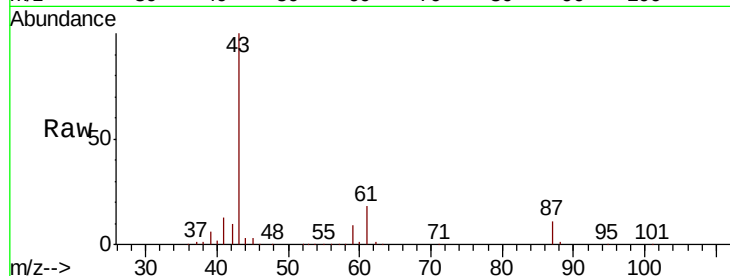
Tot Ion: 43 Resp: 109805

Ion Ratio Lower Upper

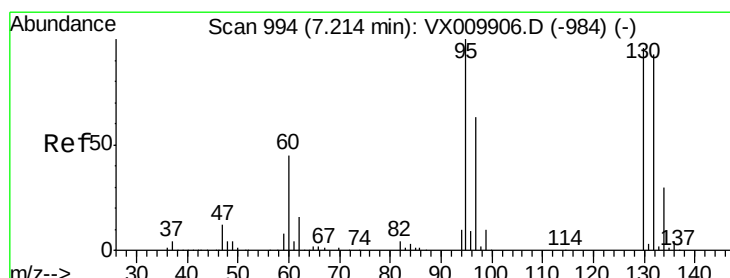
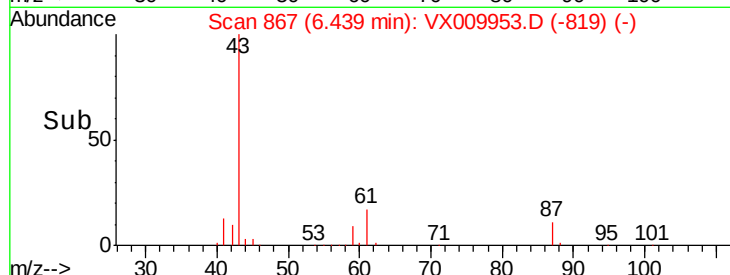
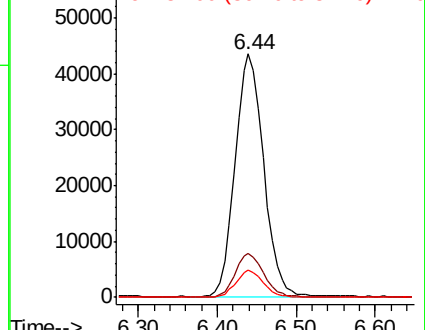
43 100

61 18.3 14.6 21.8

87 10.8 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: 19.099 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009953.D

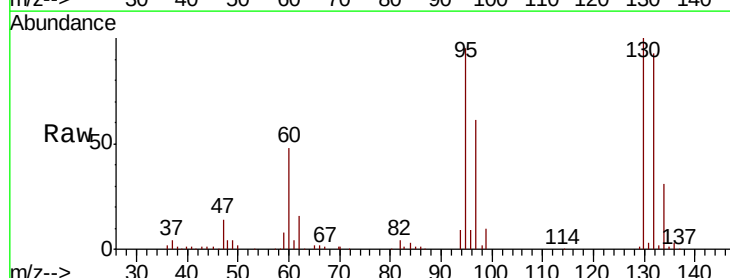
Acq: 30 May 2019 12:20

Tgt Ion:130 Resp: 35897

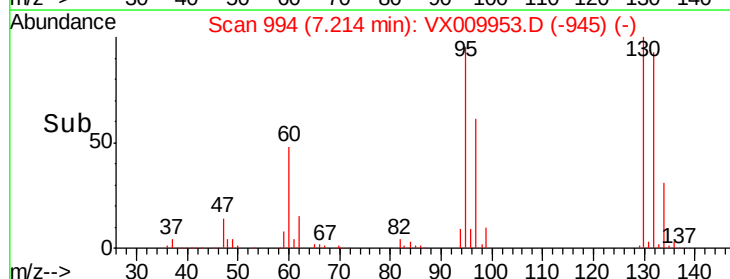
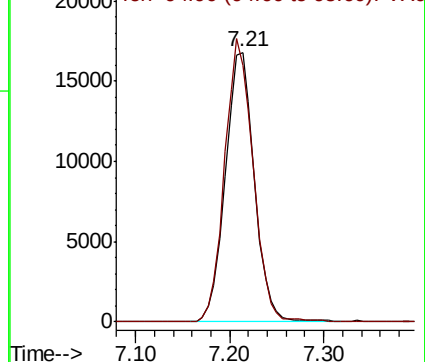
Ion Ratio Lower Upper

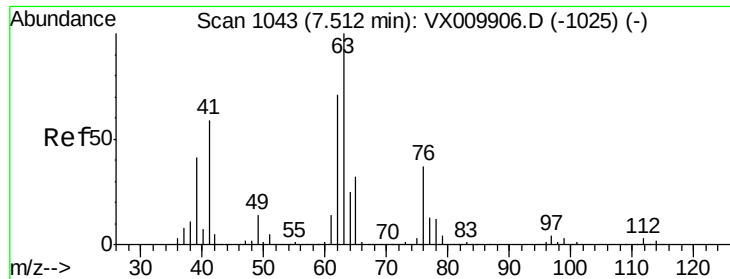
130 100

95 95.0 0.0 207.4



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

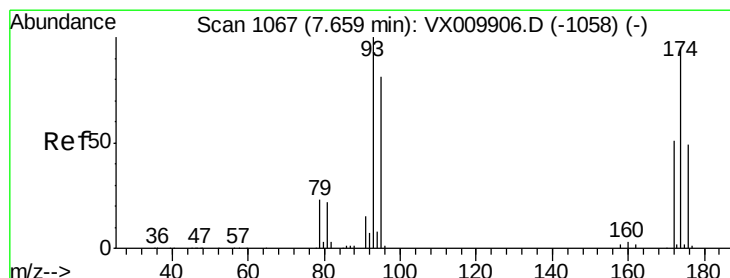
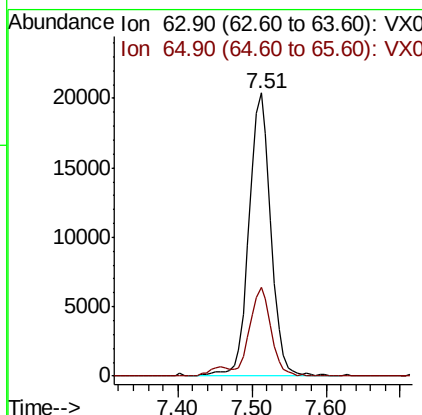
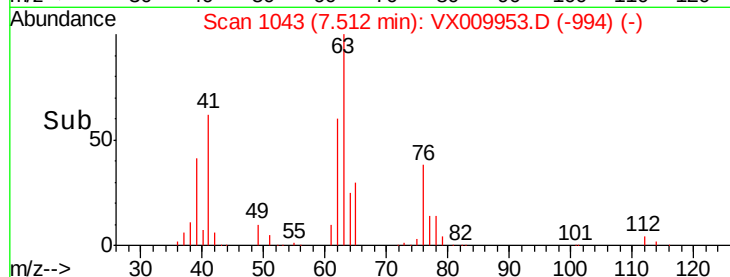
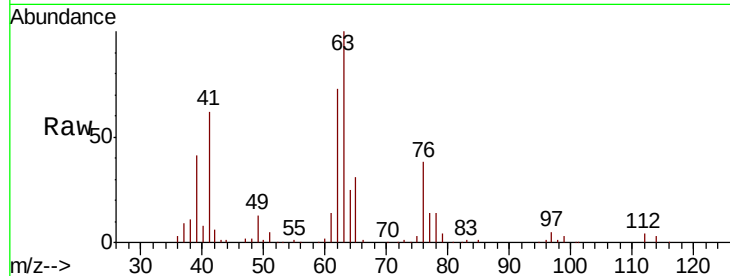




#45
 1,2-Dichloropropane
 Concen: 18.913 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

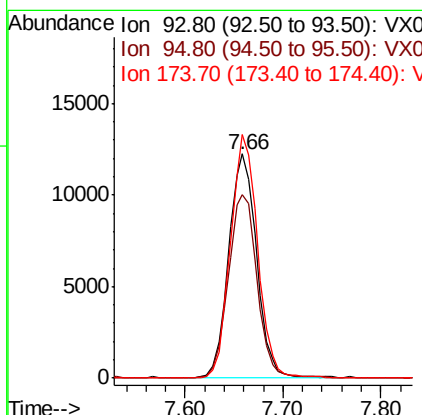
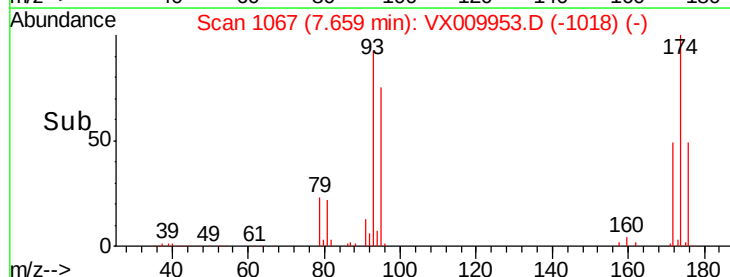
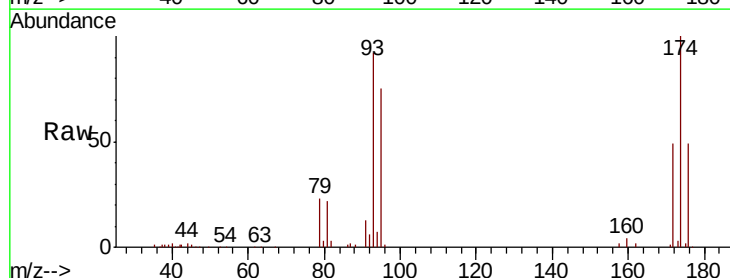
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

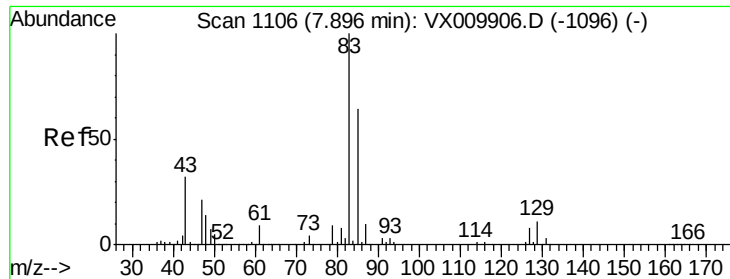
Tot Ion: 63 Resp: 42128
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.7 38.5



#46
 Dibromomethane
 Concen: 18.453 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion: 93 Resp: 24195
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.8 100.2
 174 105.9 81.9 122.9





#47

Bromodichloromethane

Concen: 19.626 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

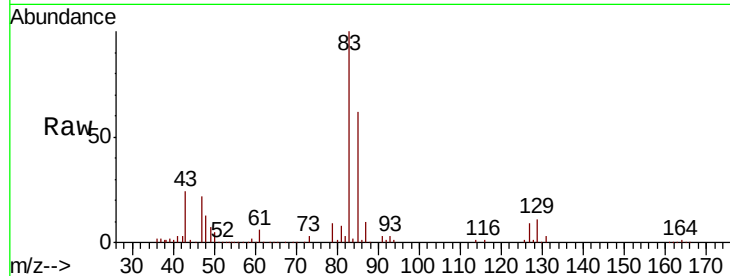
Tot Ion: 83 Resp: 48933

Ion Ratio Lower Upper

83 100

85 62.1 51.4 77.2

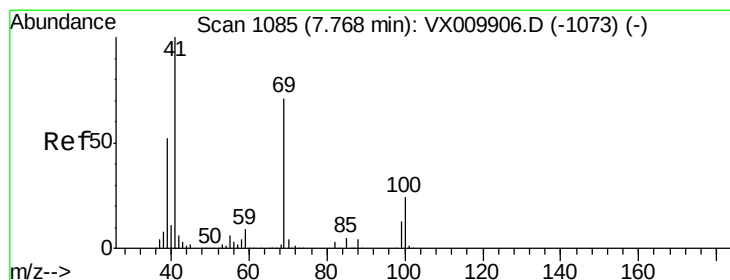
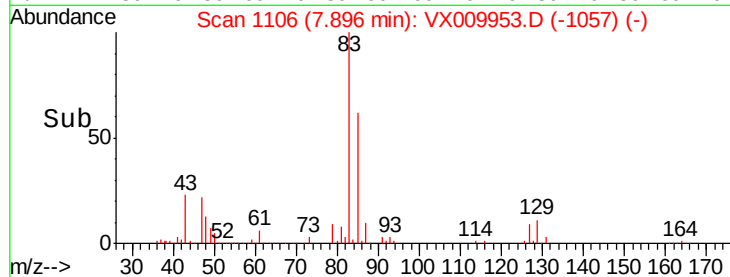
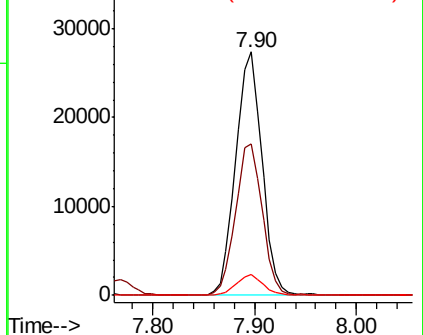
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.990 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

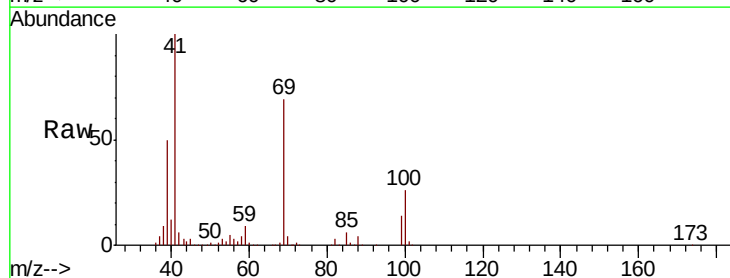
Tgt Ion: 41 Resp: 55131

Ion Ratio Lower Upper

41 100

69 70.1 56.4 84.6

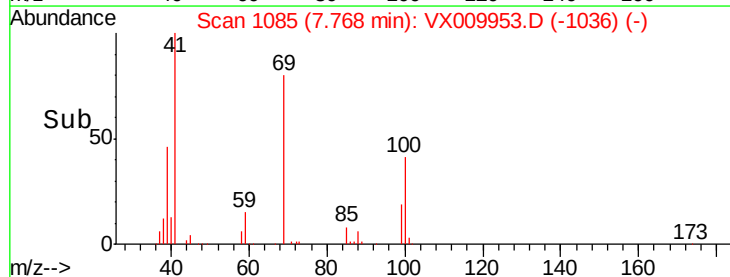
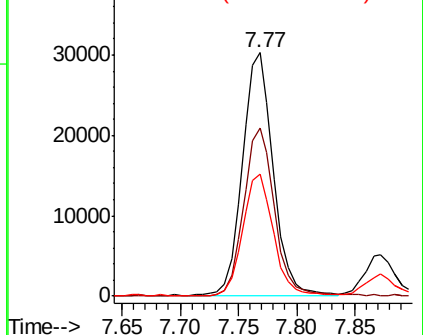
39 49.5 40.6 60.8

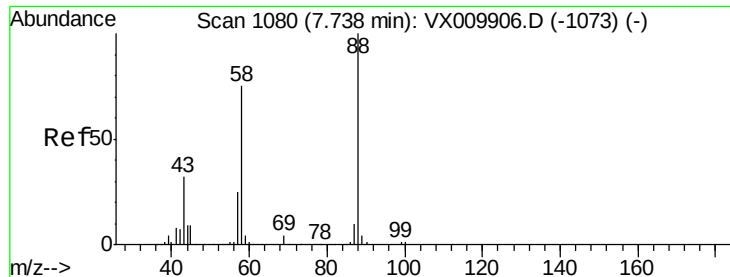


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 392.549 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

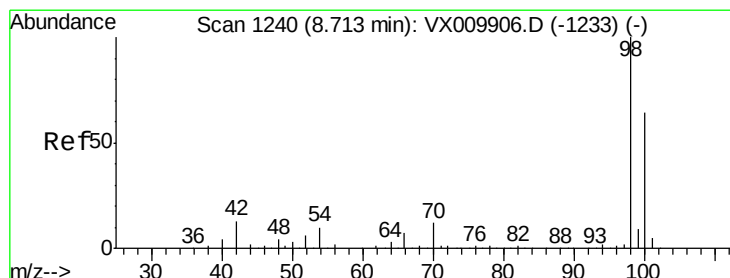
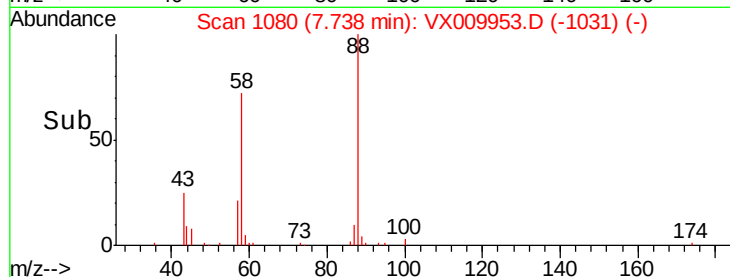
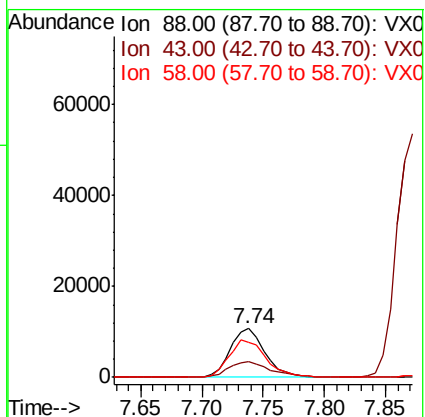
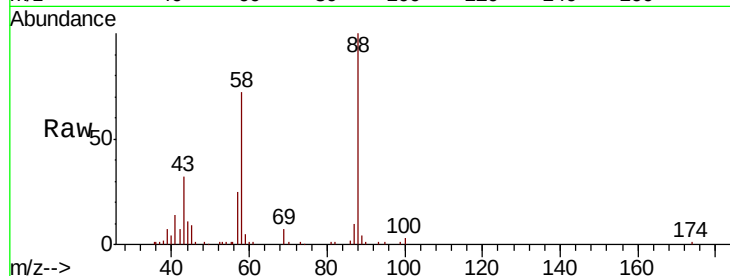
MSVOA_X

ClientSampleId :

VX0530WBS01

Tot Ion: 88 Resp: 21198

Ion	Ratio	Lower	Upper
88	100		
43	37.4	30.2	45.4
58	82.7	64.0	96.0



#50

Toluene-d8

Concen: 49.557 ug/l

RT: 8.71 min Scan# 1240

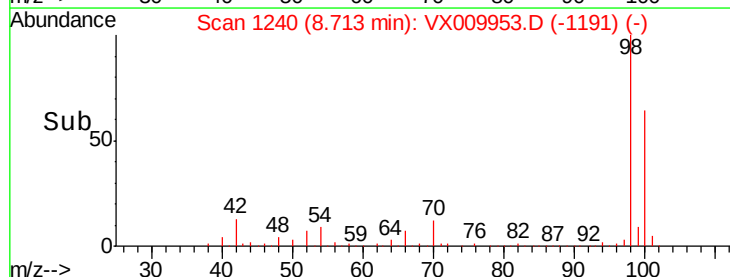
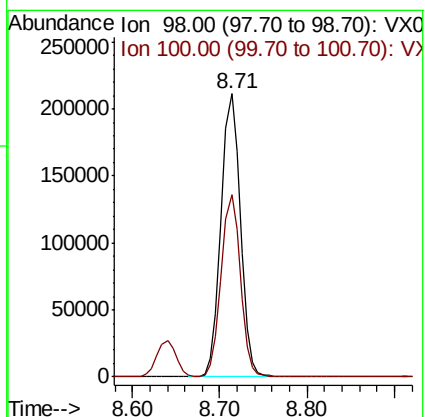
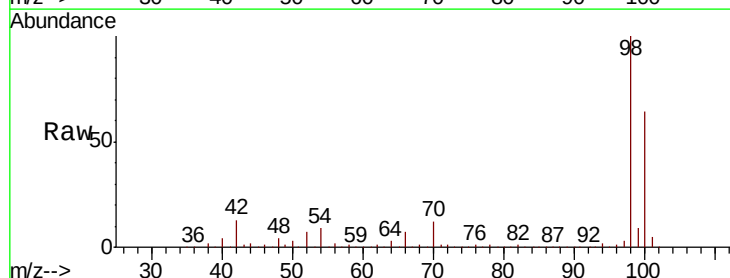
Delta R.T. -0.00 min

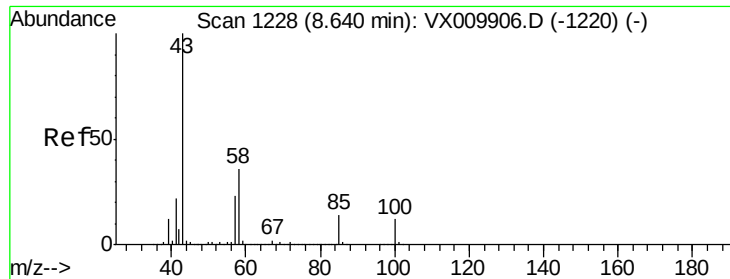
Lab File: VX009953.D

Acq: 30 May 2019 12:20

Tgt Ion: 98 Resp: 325265

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 92.674 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

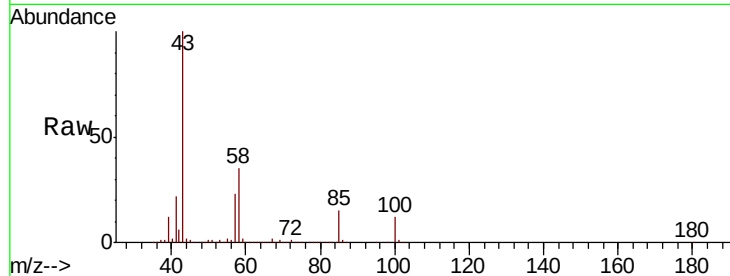
VX0530WBS01

Tot Ion: 43 Resp: 353545

Ion Ratio Lower Upper

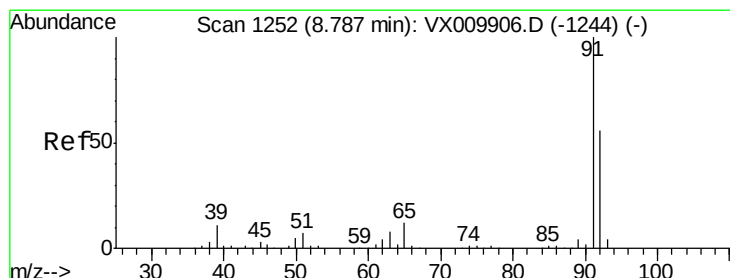
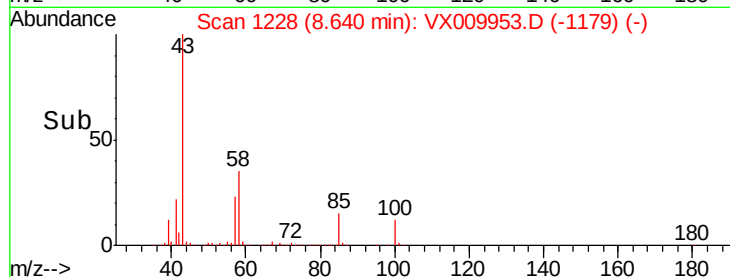
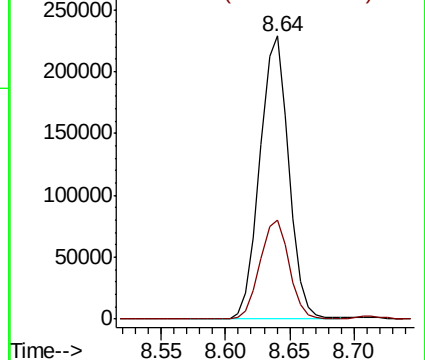
43 100

58 35.4 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: 19.560 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009953.D

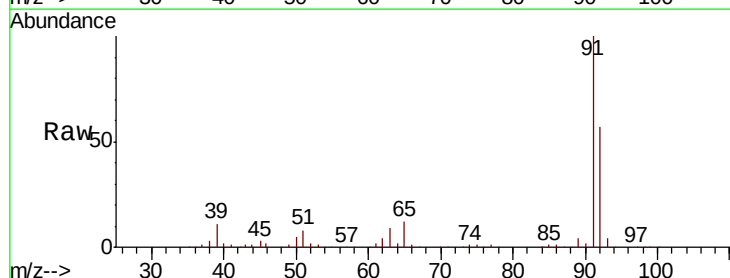
Acq: 30 May 2019 12:20

Tgt Ion: 92 Resp: 91895

Ion Ratio Lower Upper

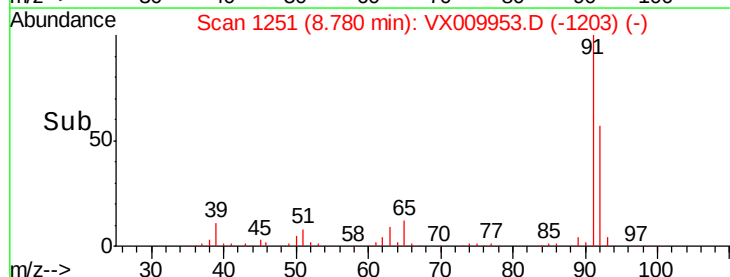
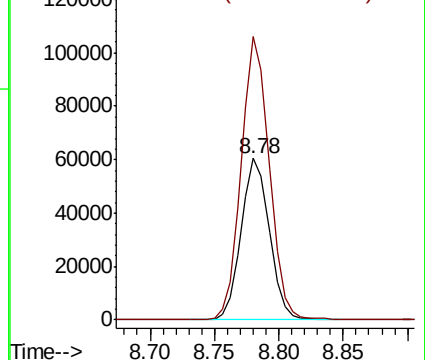
92 100

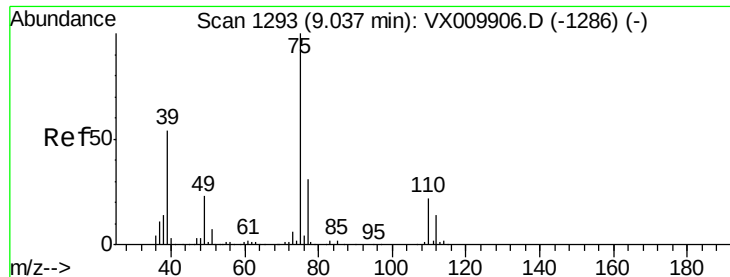
91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

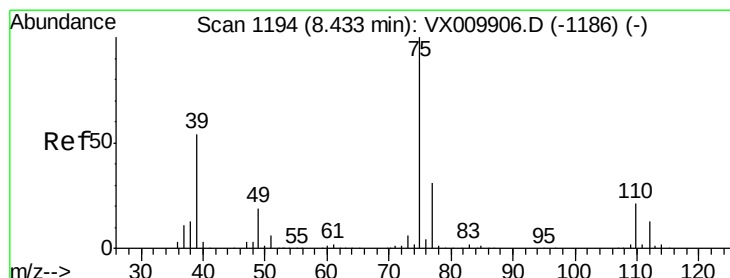
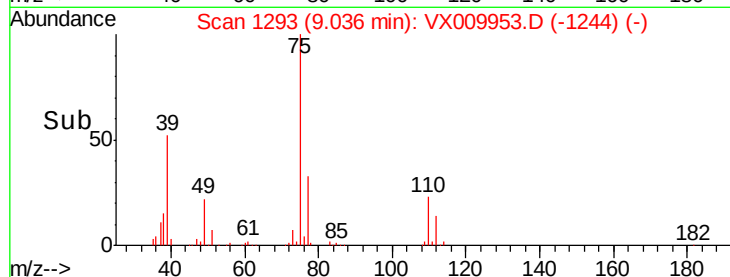
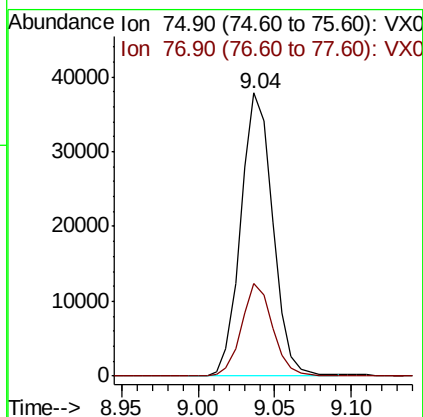
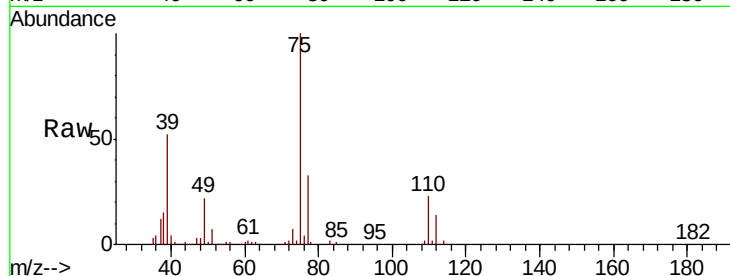




#53
 t-1,3-Dichloropropene
 Concen: 18.377 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

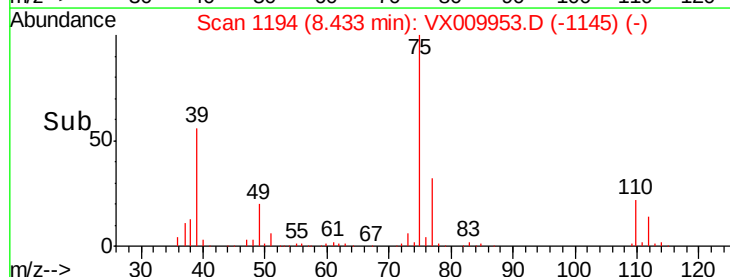
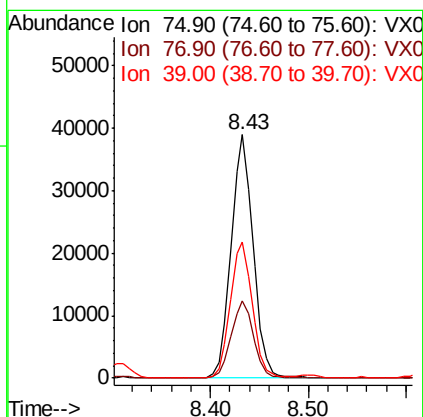
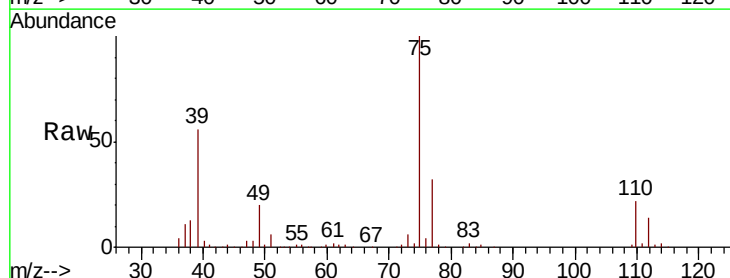
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

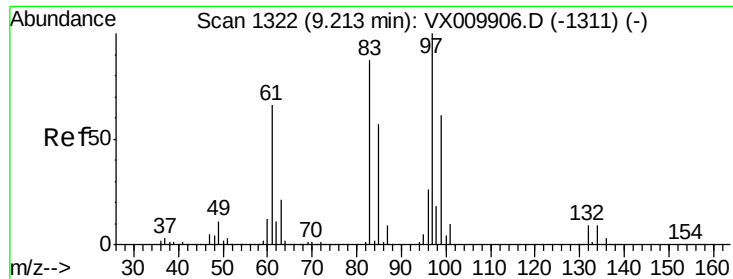
Tot Ion: 75 Resp: 54950
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.674 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion: 75 Resp: 60838
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 55.6 43.4 65.0

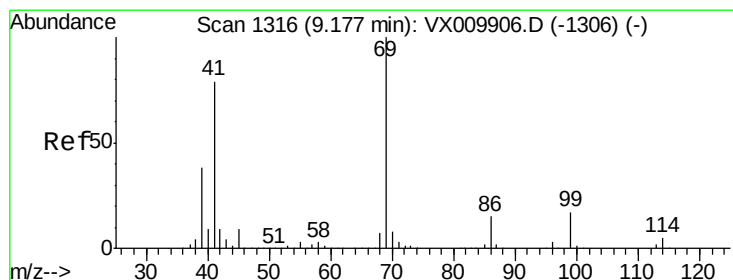
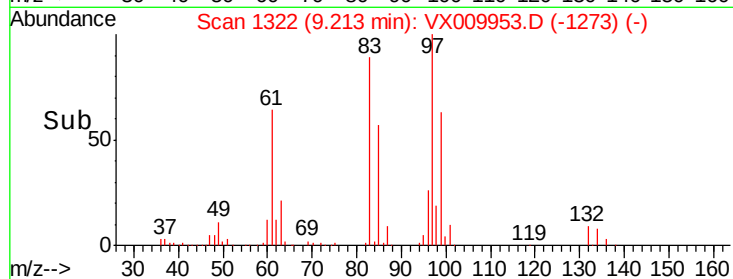
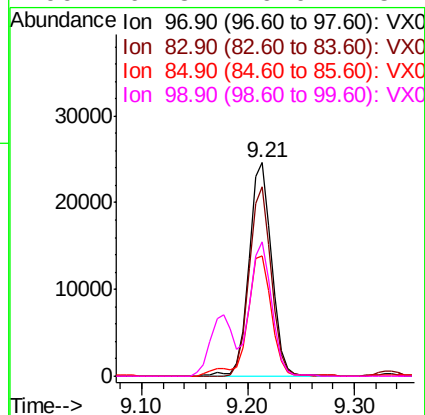
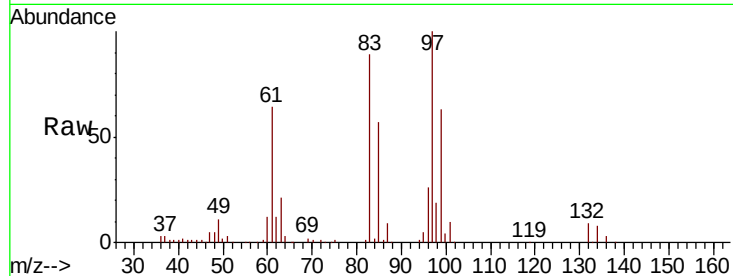




#55
 1,1,2-Trichloroethane
 Concen: 19.395 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

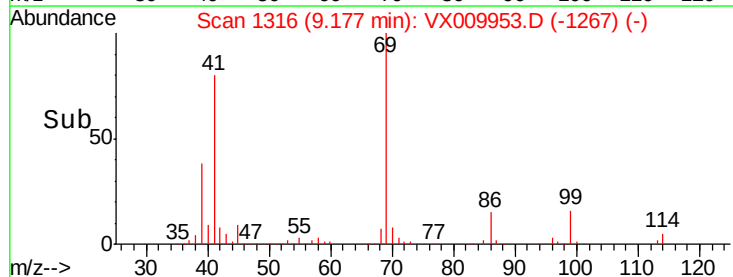
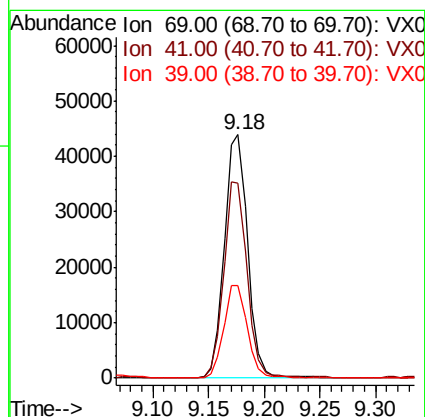
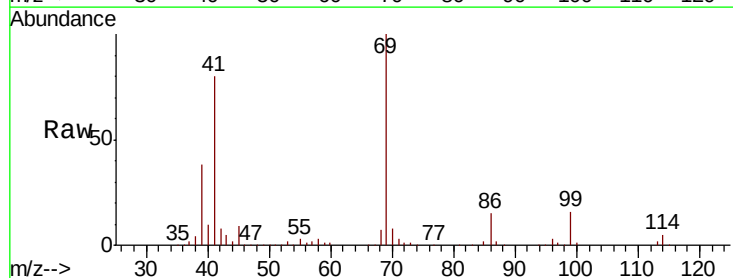
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

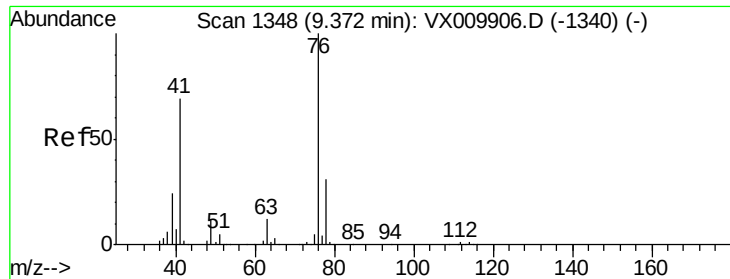
Tot Ion:	97	Resp:	36674
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.8	104.8
85	56.6	45.3	67.9
99	62.8	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.902 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion:	69	Resp:	63634
Ion	Ratio	Lower	Upper
69	100		
41	79.6	62.7	94.1
39	38.1	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.894 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

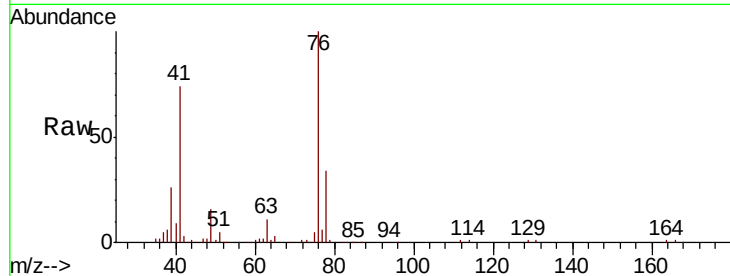
VX0530WBS01

Tot Ion: 76 Resp: 64162

Ion Ratio Lower Upper

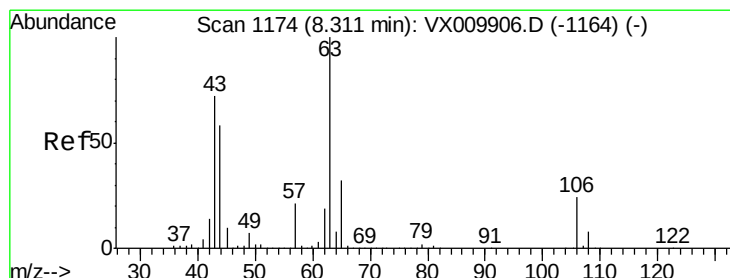
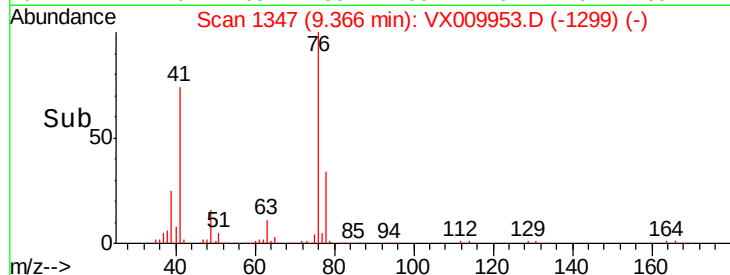
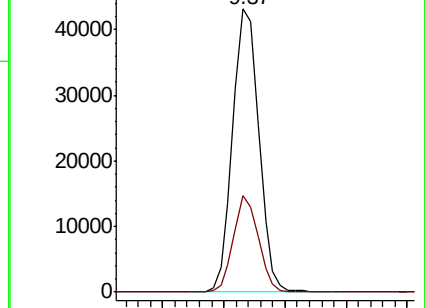
76 100

78 32.6 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.480 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009953.D

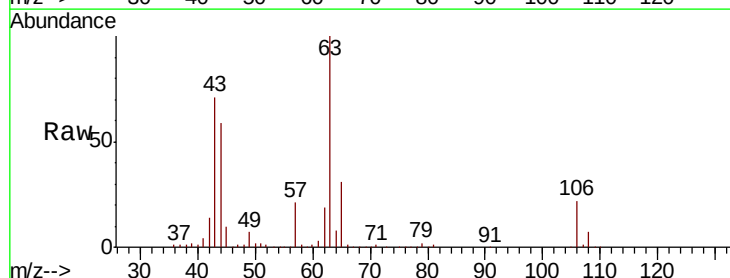
Acq: 30 May 2019 12:20

Tgt Ion: 63 Resp: 170315

Ion Ratio Lower Upper

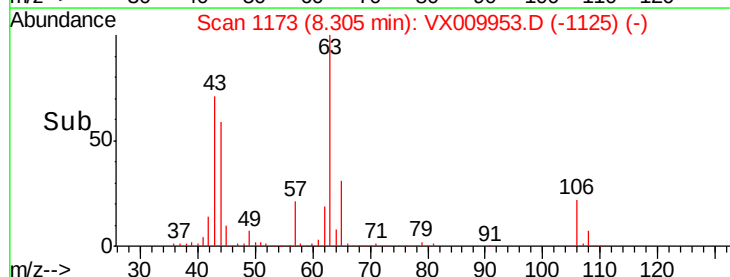
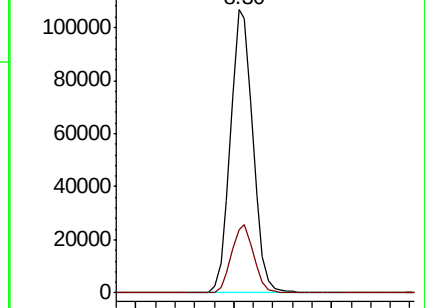
63 100

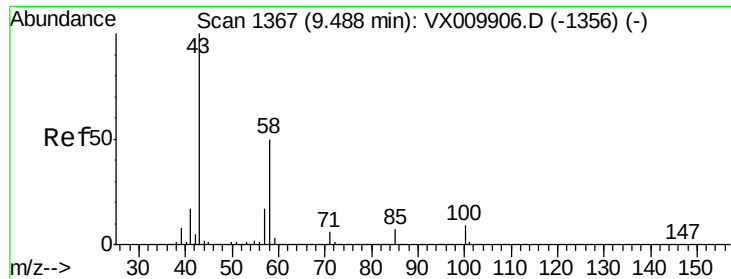
106 23.9 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

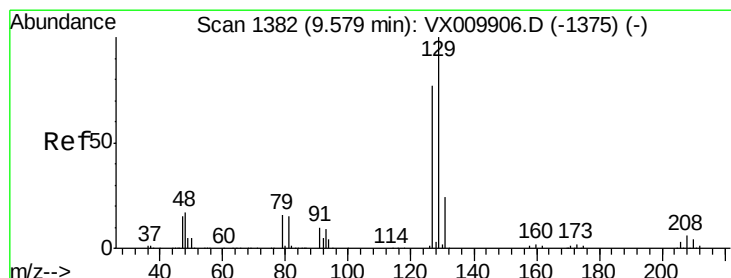
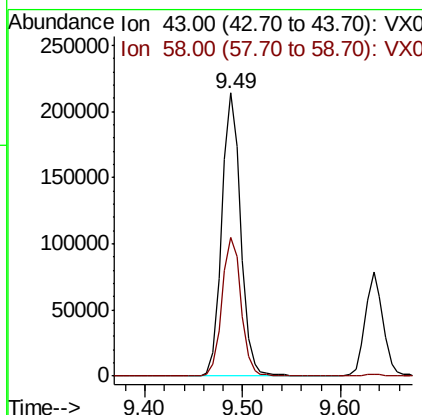
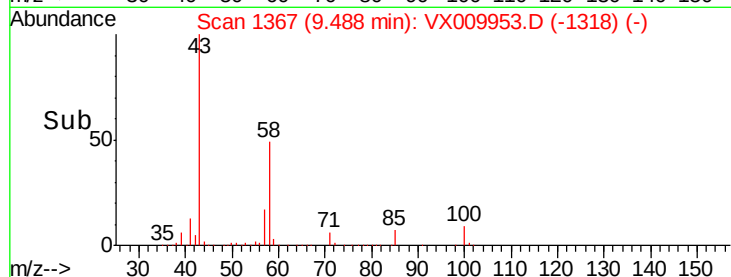
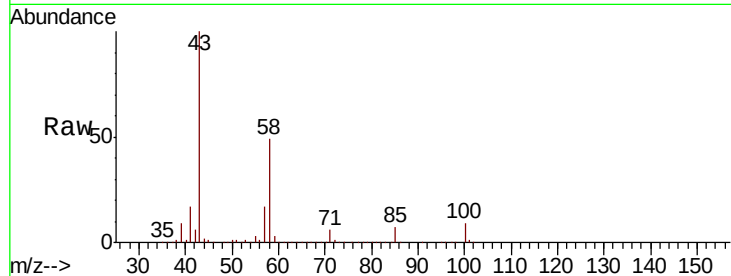




#59
2-Hexanone
Concen: 97.457 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

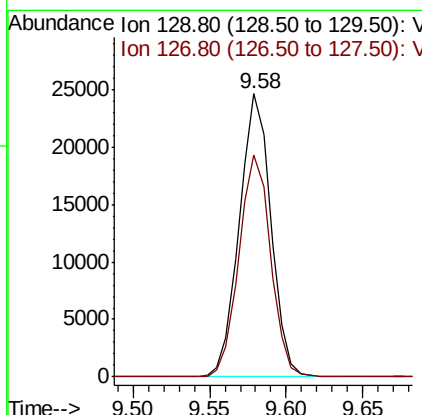
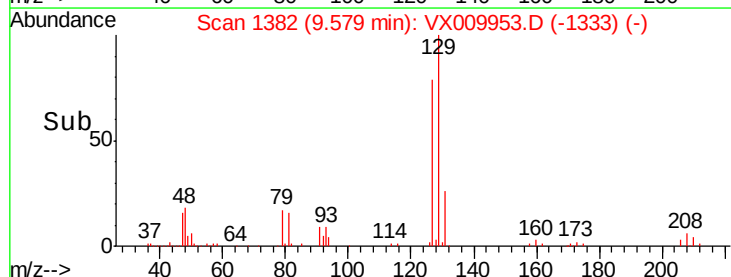
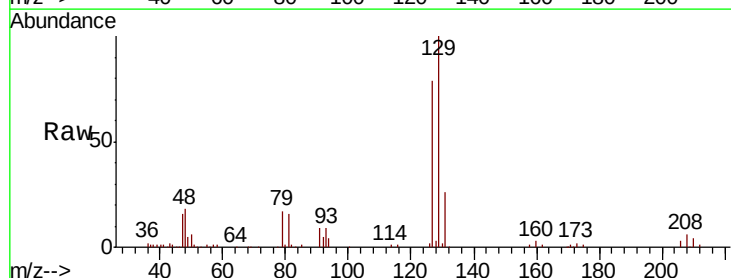
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

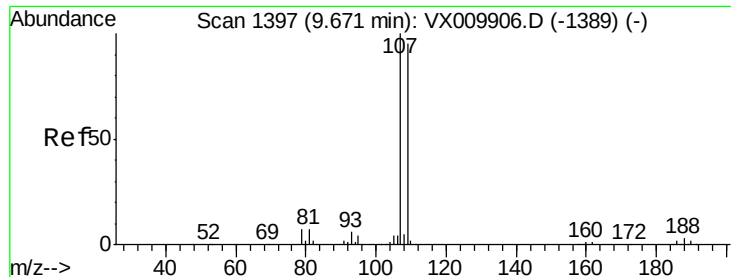
Tot Ion: 43 Resp: 286244
Ion Ratio Lower Upper
43 100
58 49.8 25.1 75.3



#60
Dibromochloromethane
Concen: 18.961 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 129 Resp: 35269
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.101 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

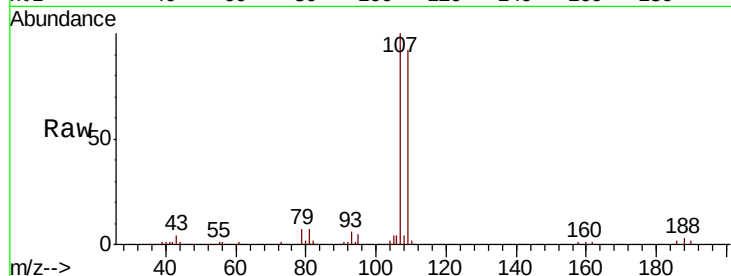
VX0530WBS01

Tot Ion:107 Resp: 37106

Ion Ratio Lower Upper

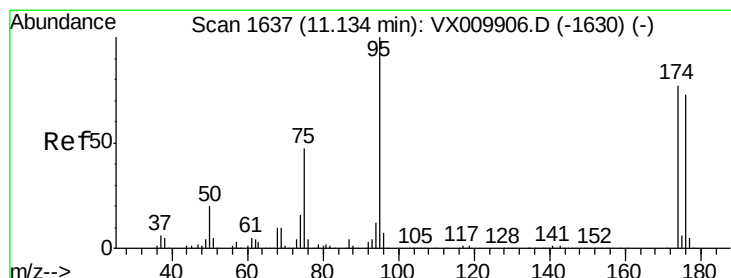
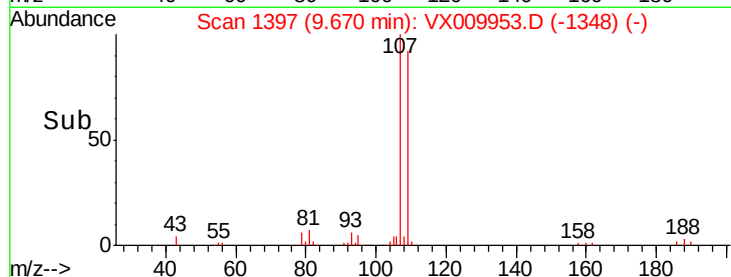
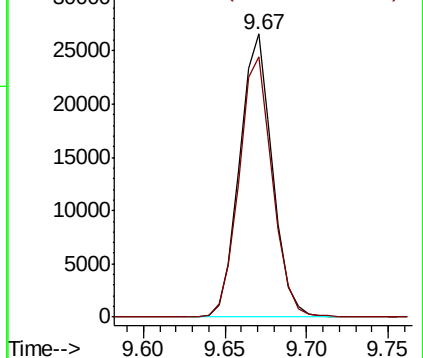
107 100

109 93.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.589 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

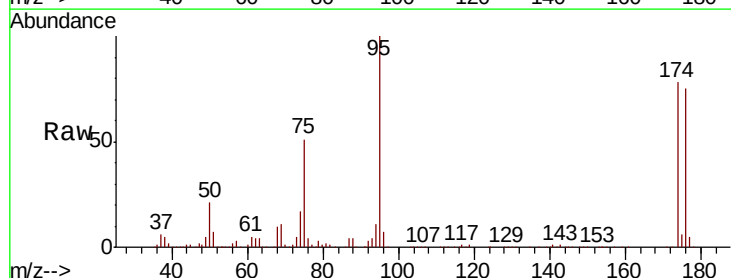
Tgt Ion: 95 Resp: 119264

Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.4

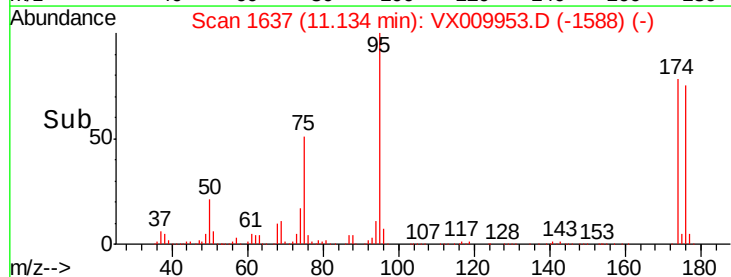
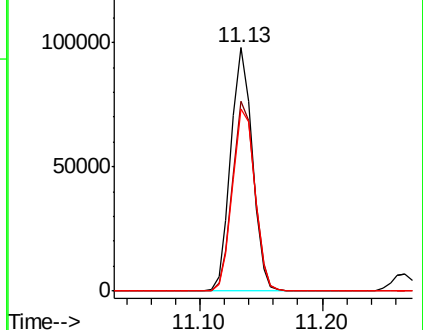
176 78.0 0.0 154.6

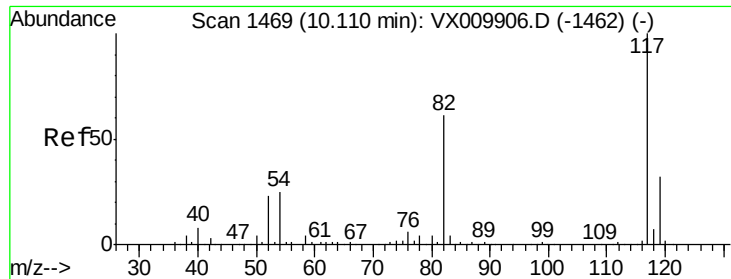


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

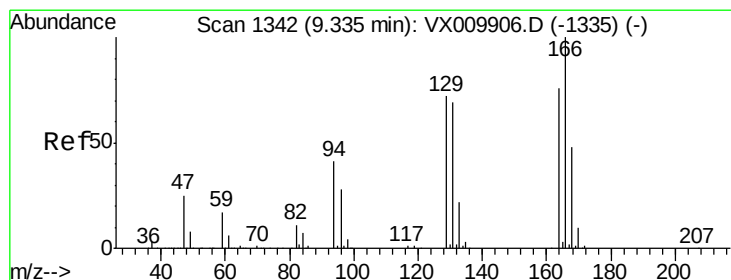
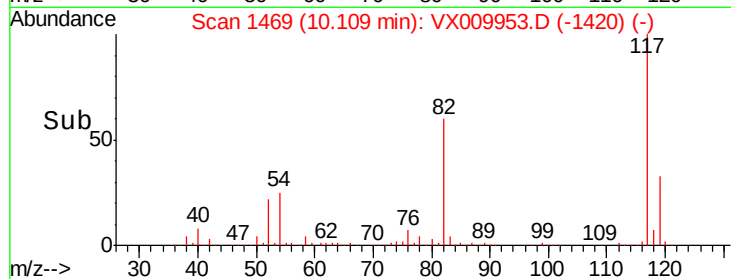
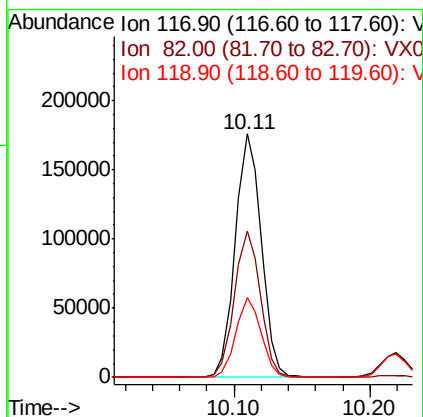
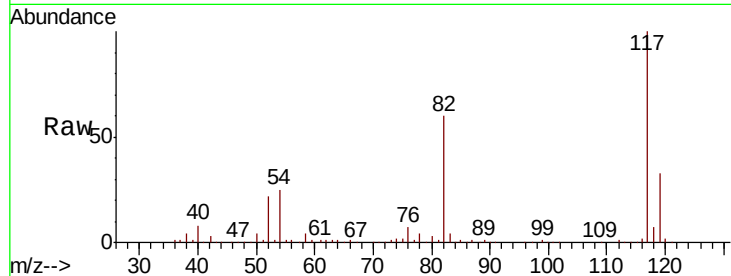




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

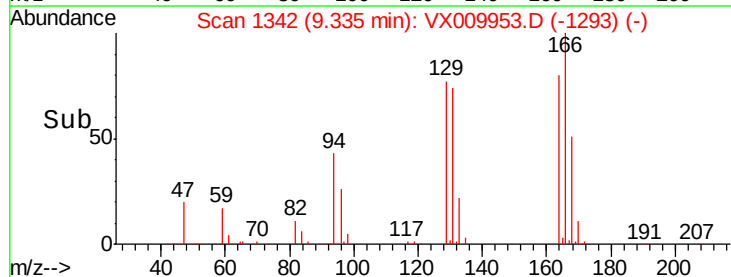
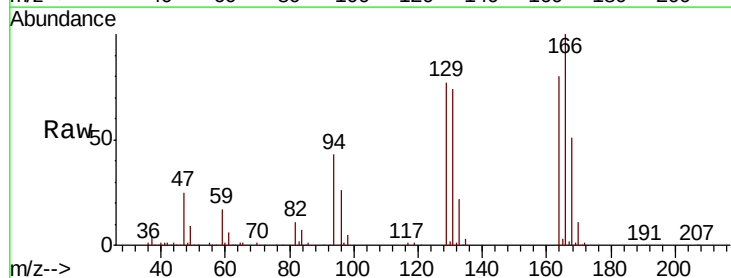
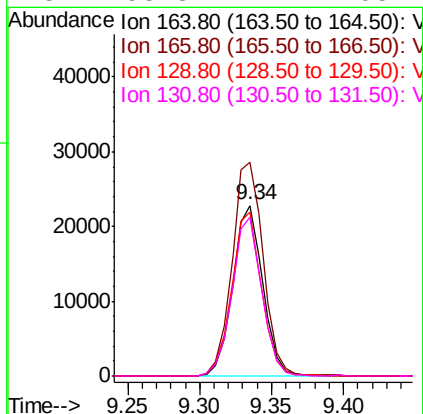
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

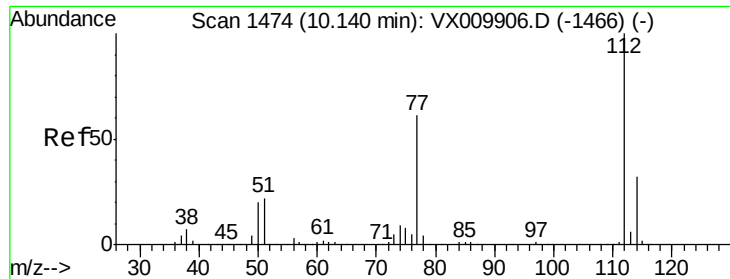
Tot Ion:117 Resp: 235603
Ion Ratio Lower Upper
117 100
82 59.8 49.2 73.8
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 20.043 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion:164 Resp: 32984
Ion Ratio Lower Upper
164 100
166 125.3 105.0 157.4
129 95.9 75.1 112.7
131 93.3 72.2 108.4





#65

Chlorobenzene

Concen: 19.385 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

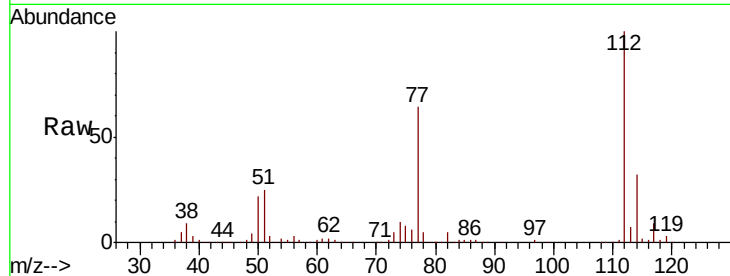
VX0530WBS01

Tot Ion:112 Resp: 95615

Ion Ratio Lower Upper

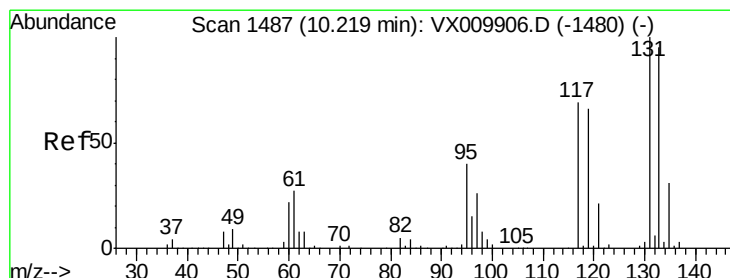
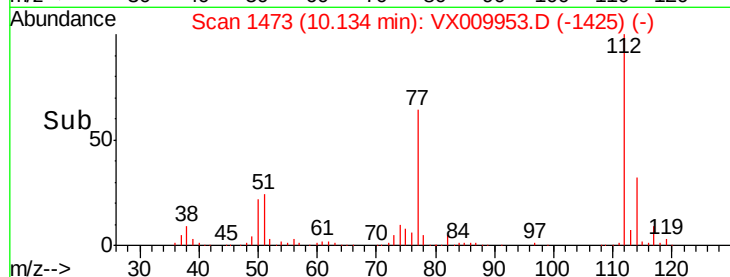
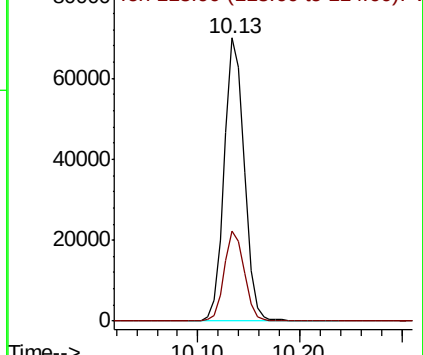
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.601 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

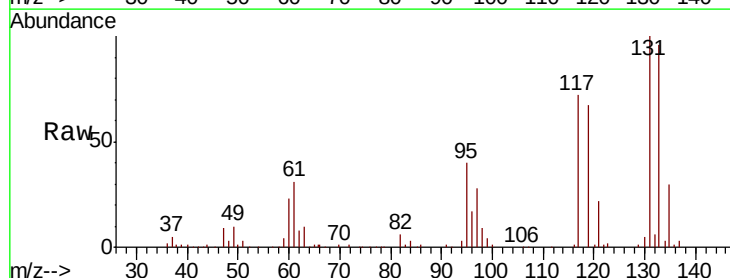
Tgt Ion:131 Resp: 33533

Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

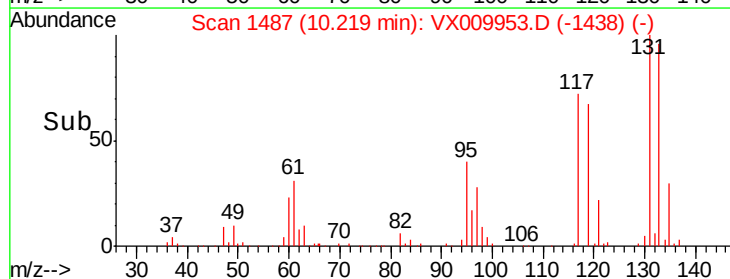
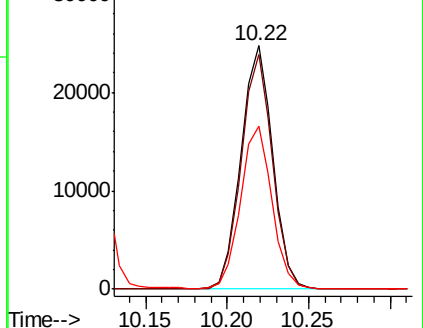
119 66.6 33.4 100.1

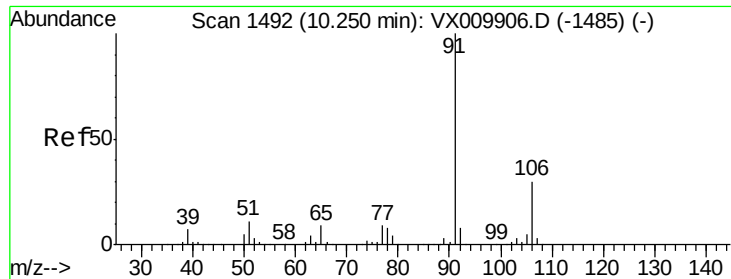


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

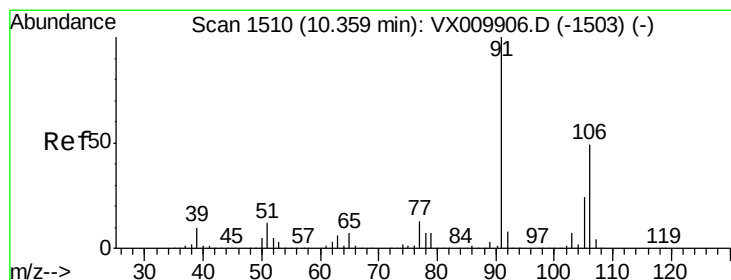
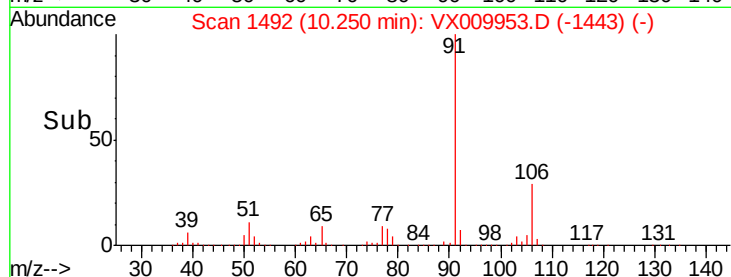
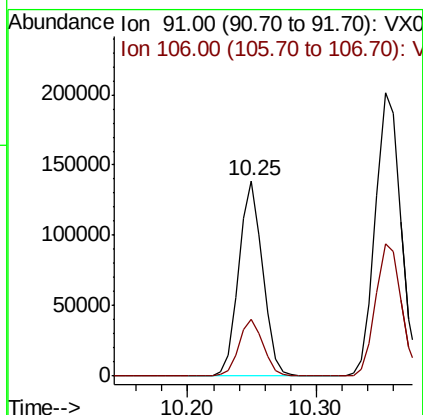
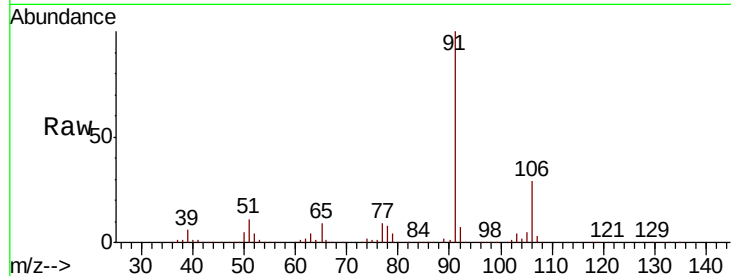




#67
Ethyl Benzene
Concen: 20.195 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

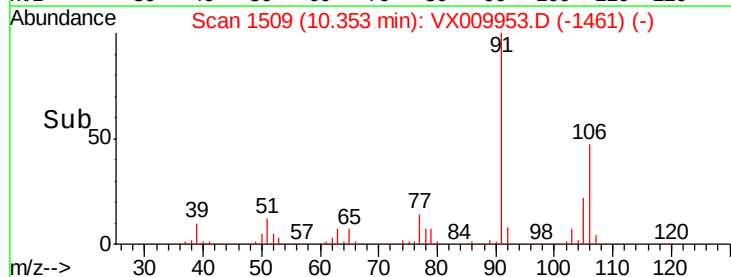
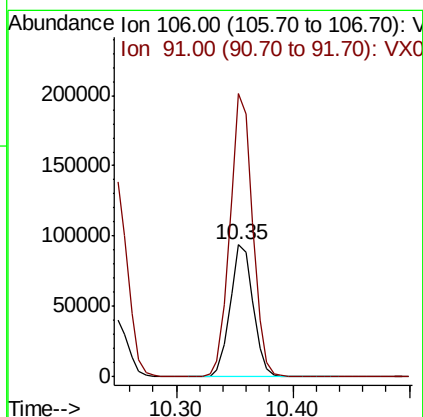
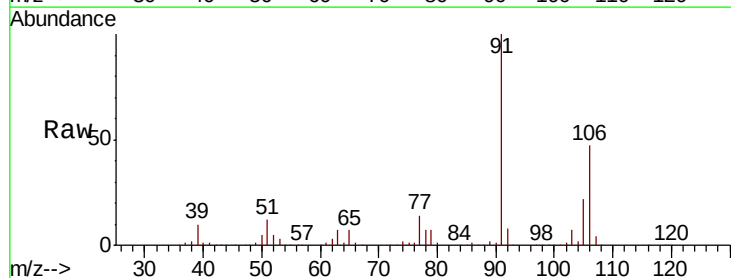
Instrument :
MSVOA_X
ClientSampled :
VX0530WBS01

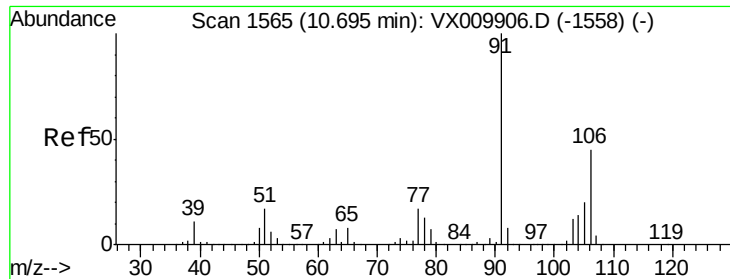
Tot Ion: 91 Resp: 178848
Ion Ratio Lower Upper
91 100
106 29.2 23.9 35.9



#68
m/p-Xylenes
Concen: 39.556 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 106 Resp: 129419
Ion Ratio Lower Upper
106 100
91 211.3 167.3 250.9

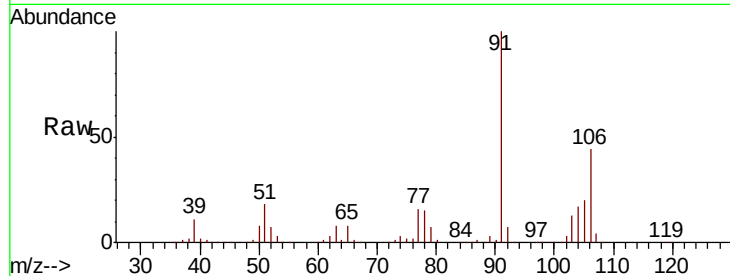




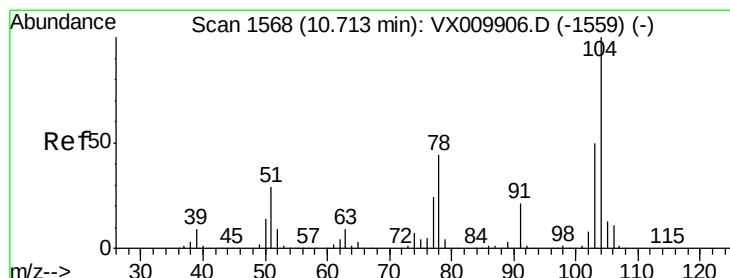
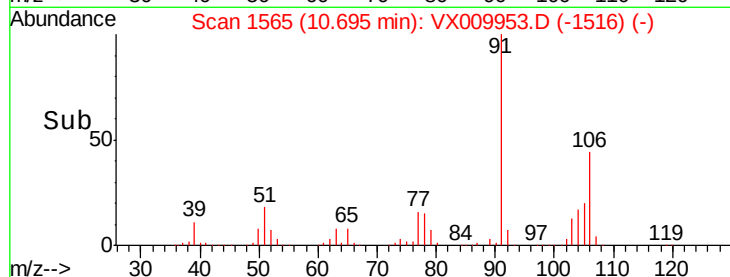
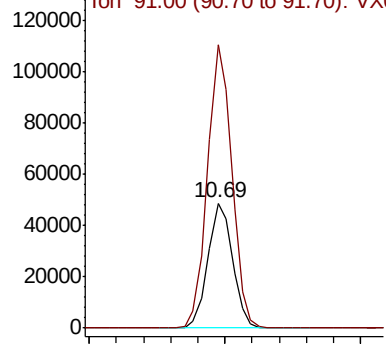
#69
o-Xylene
Concen: 19.659 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Instrument :
MSVOA_X
ClientSampled :
VX0530WBS01

Tot Ion:106 Resp: 61687
Ion Ratio Lower Upper
106 100
91 224.1 110.4 331.2

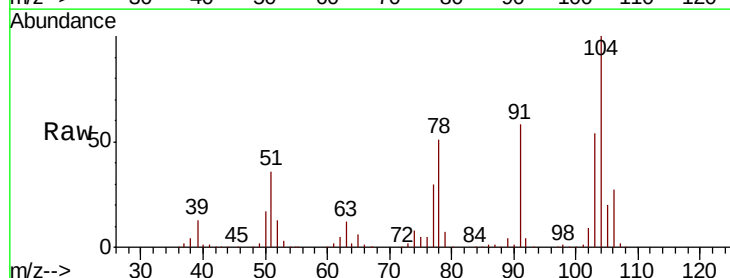


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

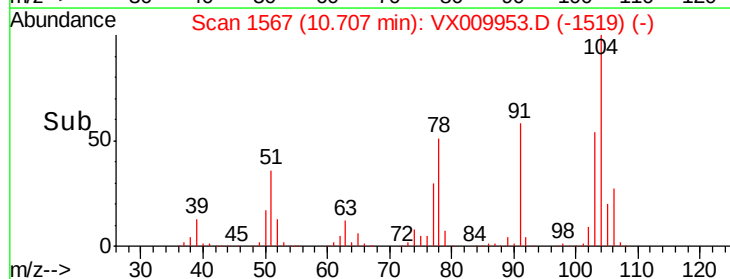
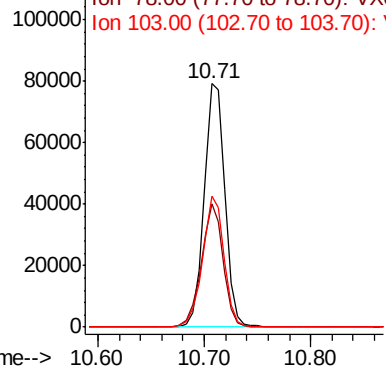


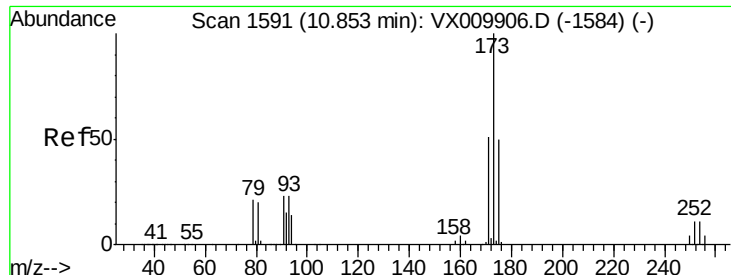
#70
Styrene
Concen: 19.714 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion:104 Resp: 108471
Ion Ratio Lower Upper
104 100
78 52.8 42.1 63.1
103 55.8 44.1 66.1



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





#71

Bromoform

Concen: 19.224 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS01

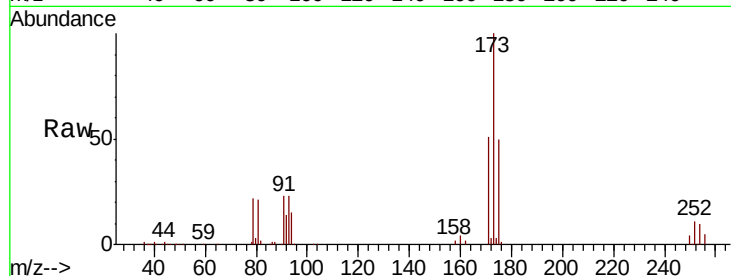
Tot Ion:173 Resp: 26883

Ion Ratio Lower Upper

173 100

175 48.9 25.0 75.0

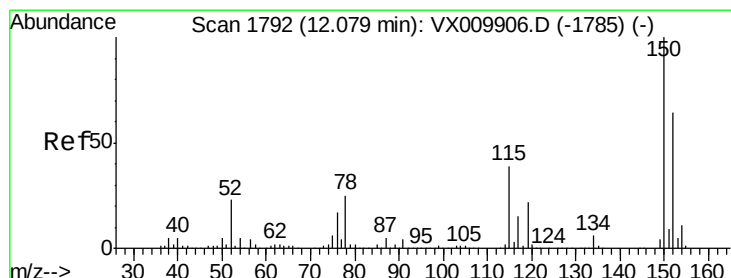
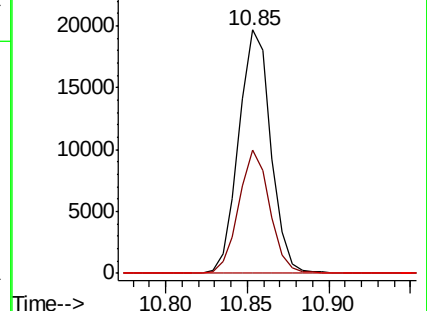
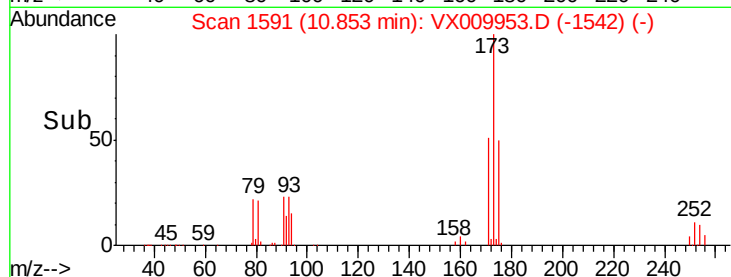
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

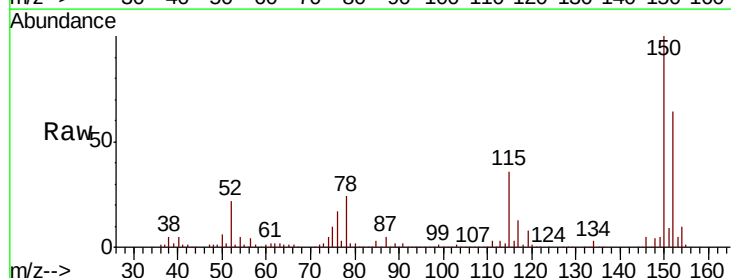
Tgt Ion:152 Resp: 116445

Ion Ratio Lower Upper

152 100

115 68.2 41.4 124.2

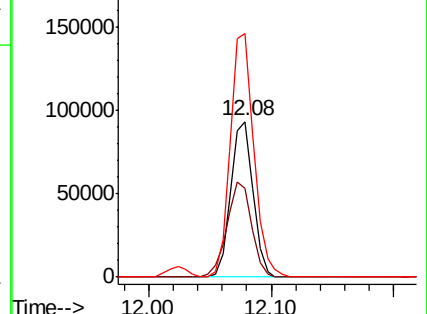
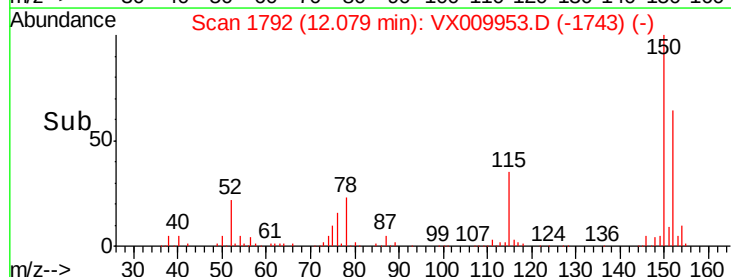
150 165.2 0.0 345.2

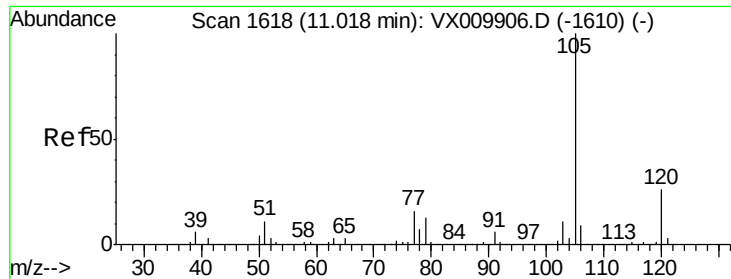


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.717 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

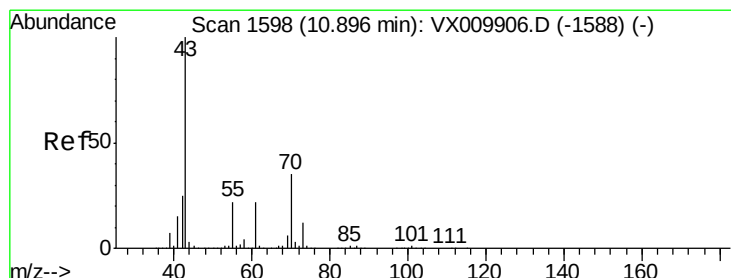
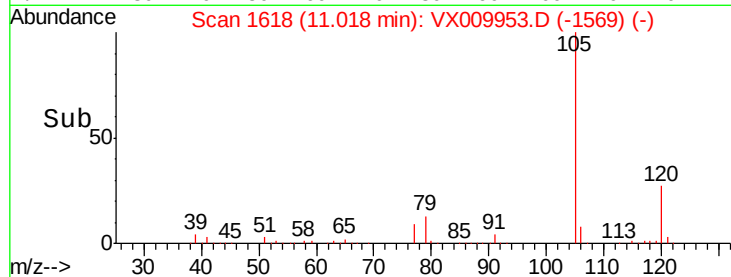
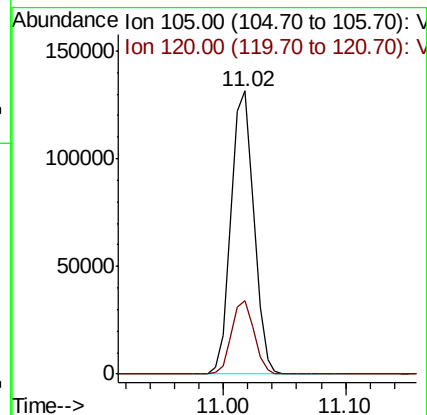
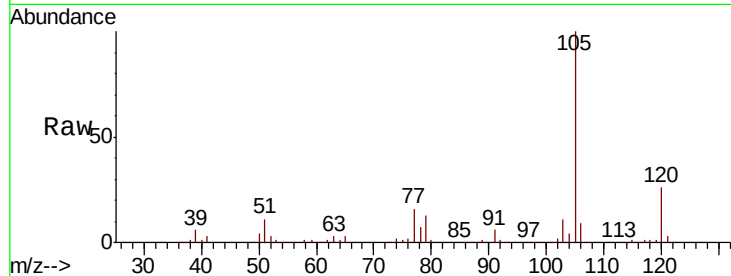
VX0530WBS01

Tot Ion:105 Resp: 169399

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 18.856 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Tgt Ion: 43 Resp: 96807

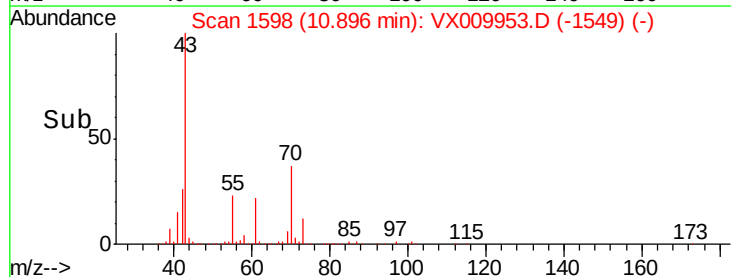
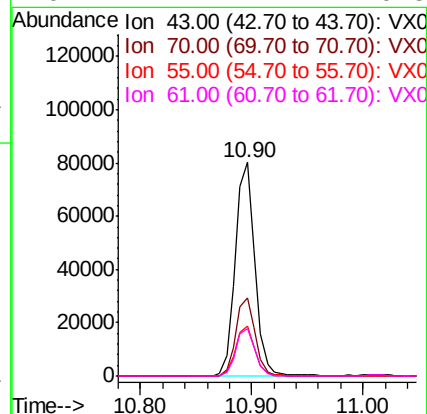
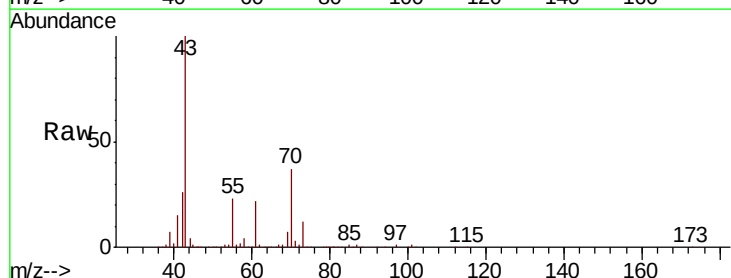
Ion Ratio Lower Upper

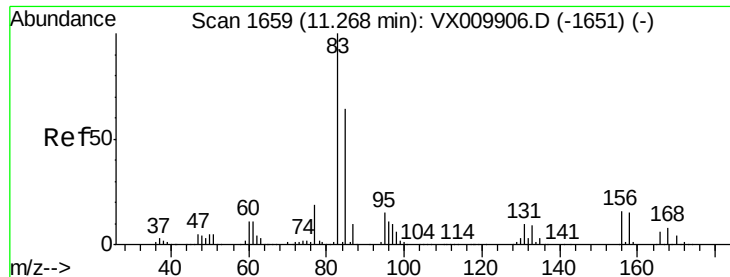
43 100

70 36.4 28.6 43.0

55 23.6 17.8 26.8

61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.832 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

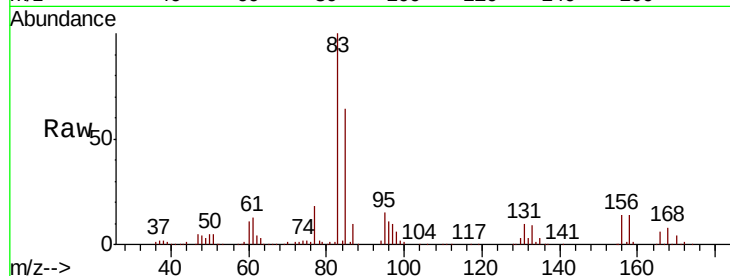
Tot Ion: 83 Resp: 60361

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

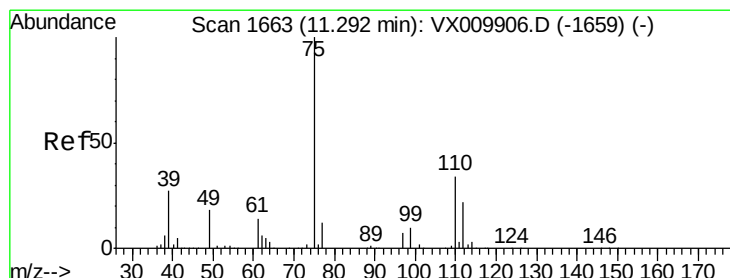
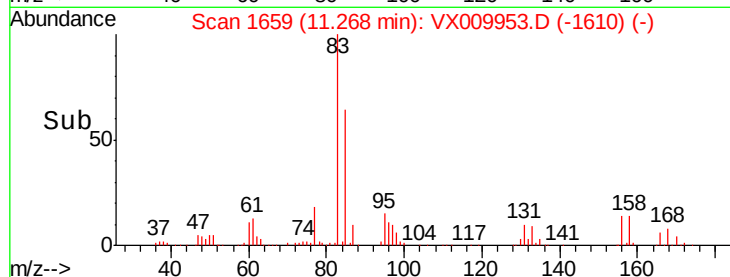
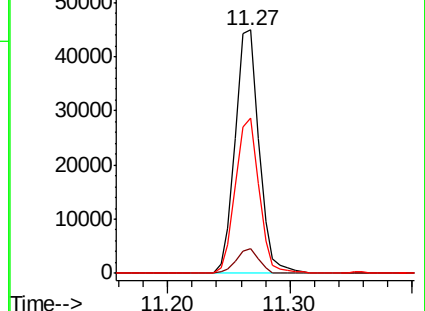
85 63.6 31.9 95.9



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: 25.329 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009953.D

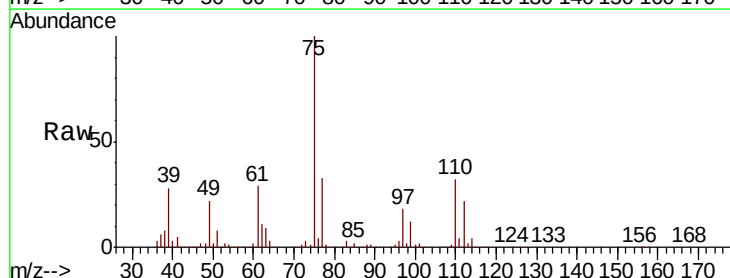
Acq: 30 May 2019 12:20

Tgt Ion: 75 Resp: 70529

Ion Ratio Lower Upper

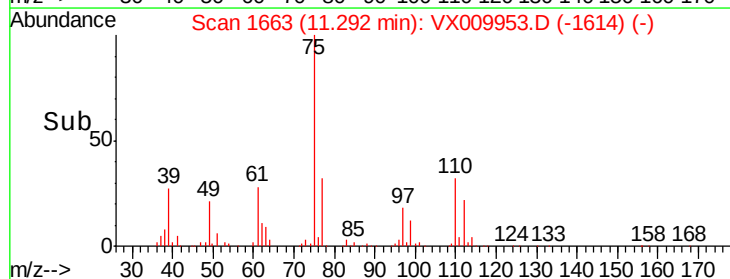
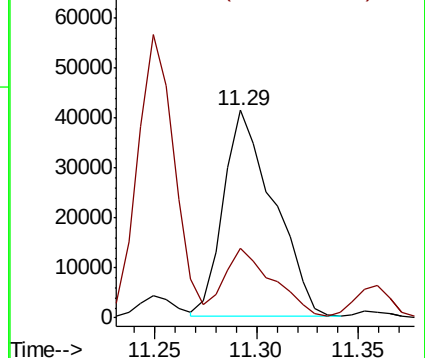
75 100

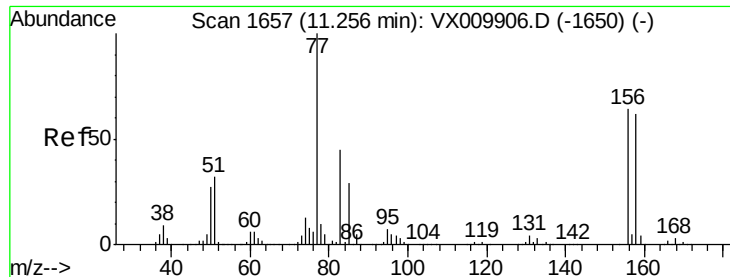
77 33.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.754 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

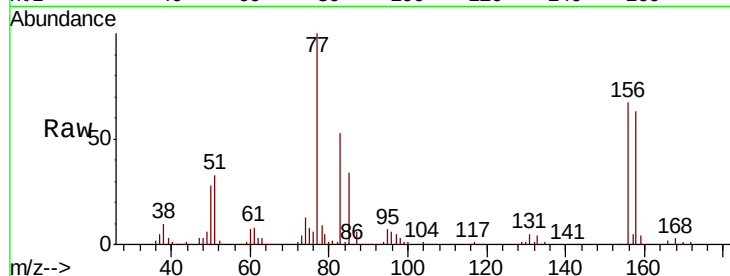
Tot Ion:156 Resp: 41062

Ion Ratio Lower Upper

156 100

77 173.6 86.8 260.3

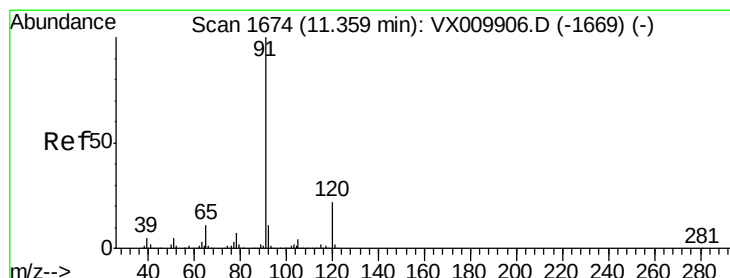
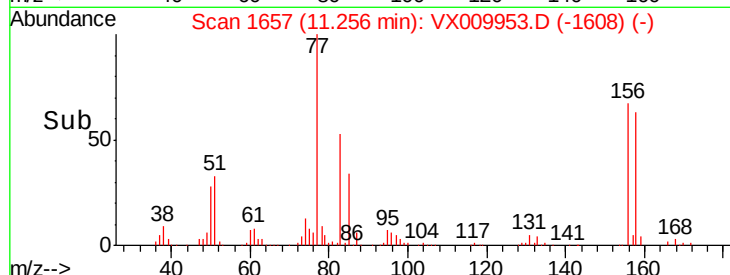
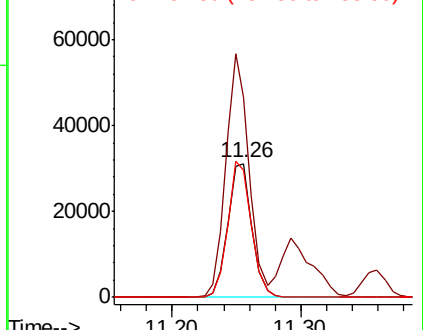
158 99.0 49.6 148.8



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: 20.064 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009953.D

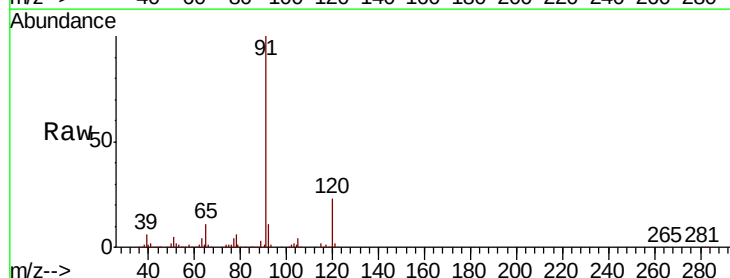
Acq: 30 May 2019 12:20

Tgt Ion: 91 Resp: 198693

Ion Ratio Lower Upper

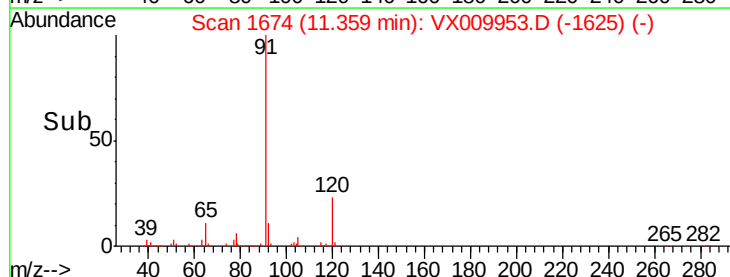
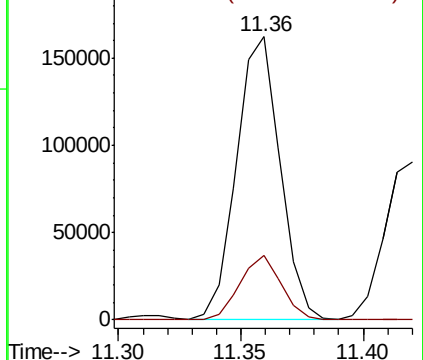
91 100

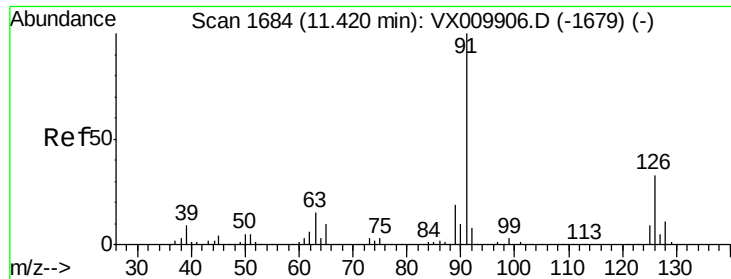
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.199 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

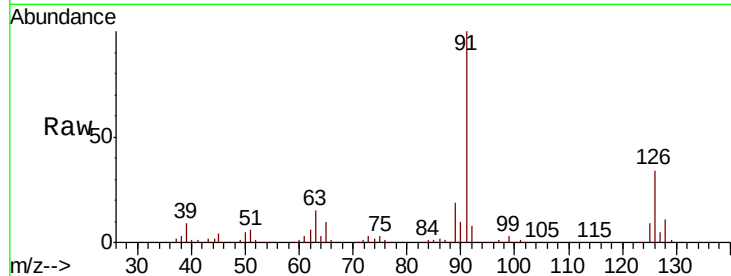
VX0530WBS01

Tot Ion: 91 Resp: 116162

Ion Ratio Lower Upper

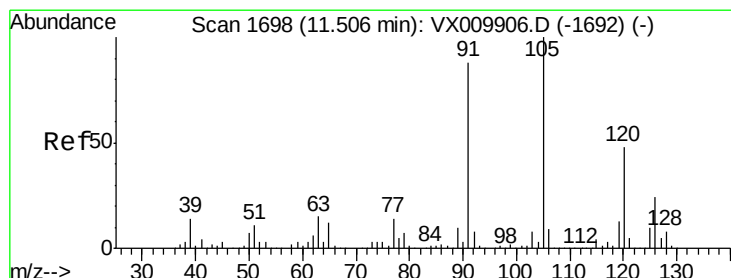
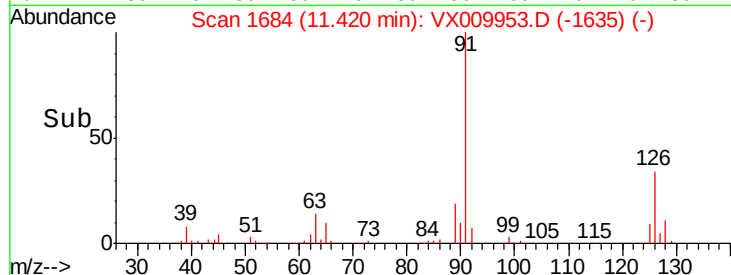
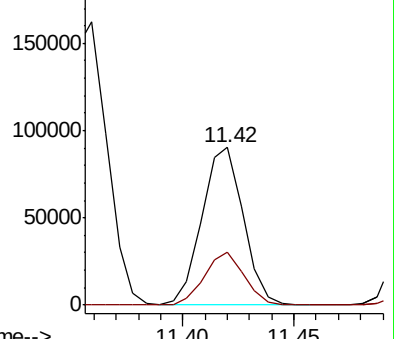
91 100

126 32.8 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: 20.061 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009953.D

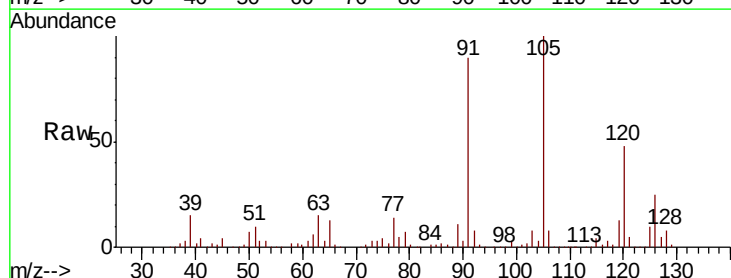
Acq: 30 May 2019 12:20

Tgt Ion:105 Resp: 145205

Ion Ratio Lower Upper

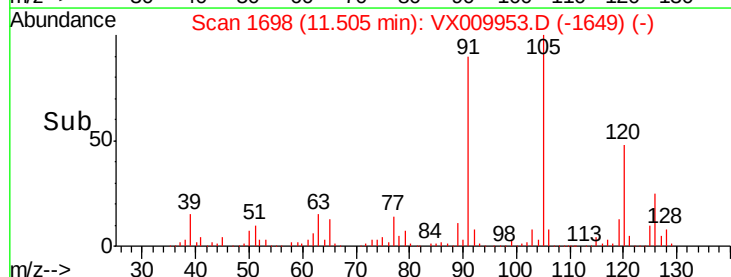
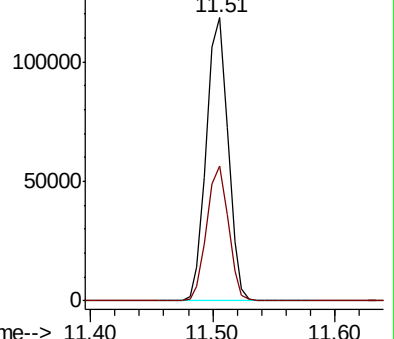
105 100

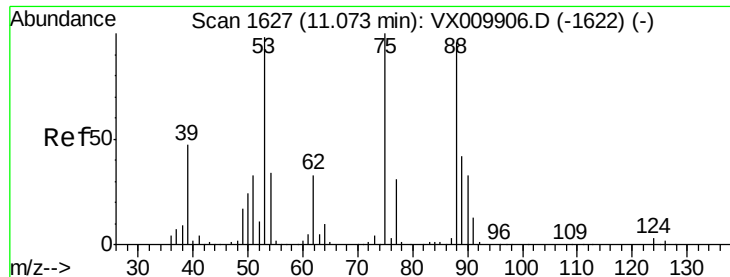
120 47.4 24.1 72.3



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: 17.253 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

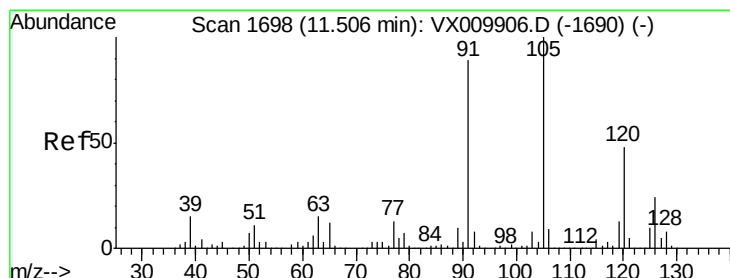
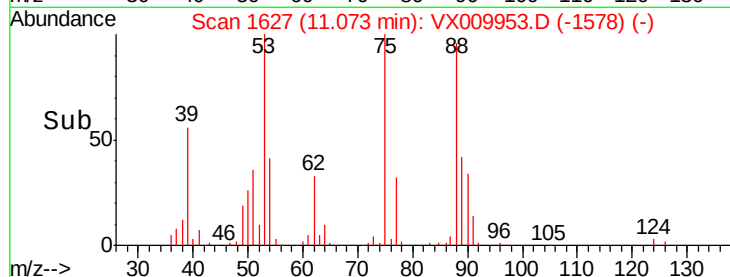
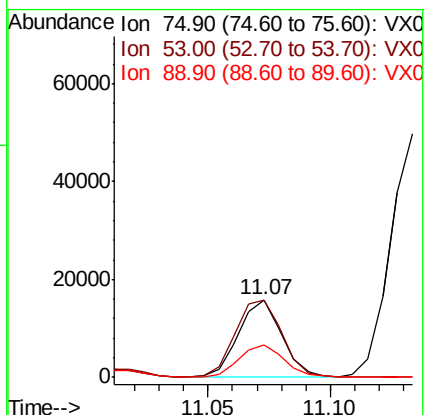
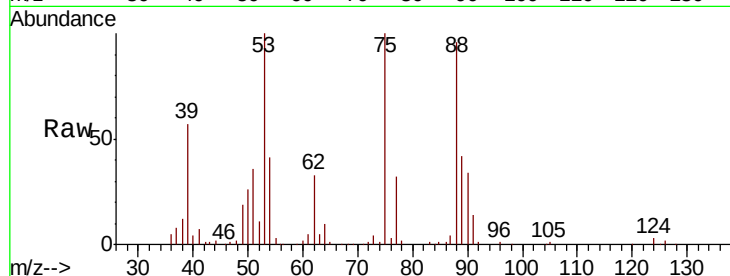
Tot Ion: 75 Resp: 19418

Ion Ratio Lower Upper

75 100

53 107.9 79.8 119.6

89 44.2 34.2 51.4



#82

4-Chlorotoluene

Concen: 19.337 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009953.D

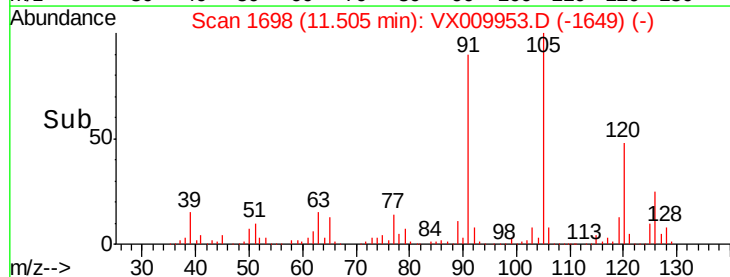
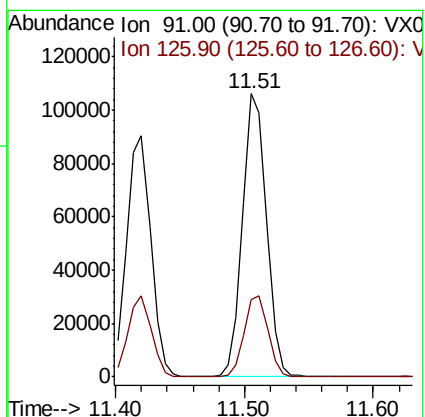
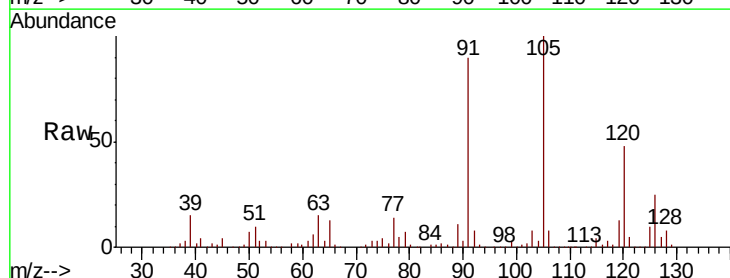
Acq: 30 May 2019 12:20

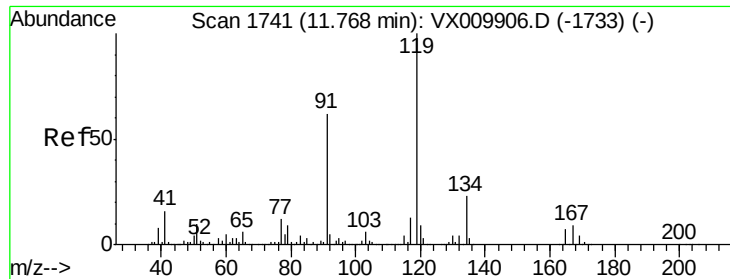
Tgt Ion: 91 Resp: 136203

Ion Ratio Lower Upper

91 100

126 28.6 14.2 42.6

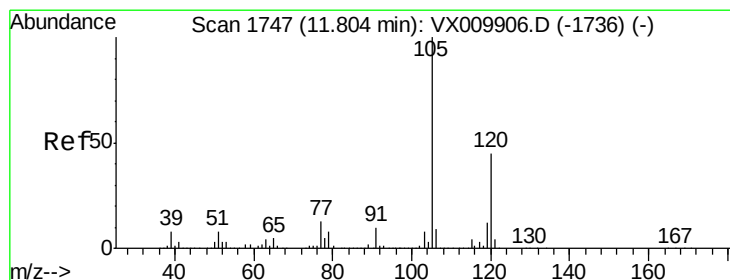
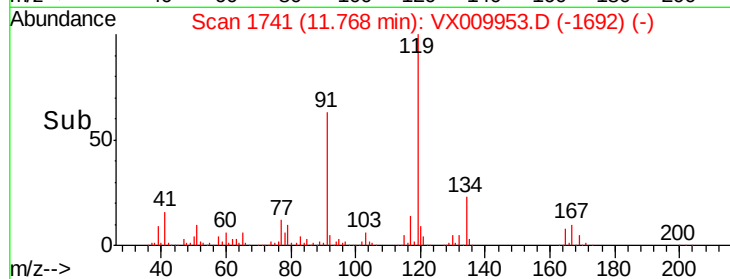
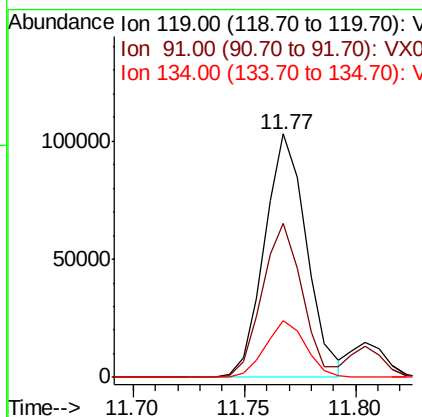
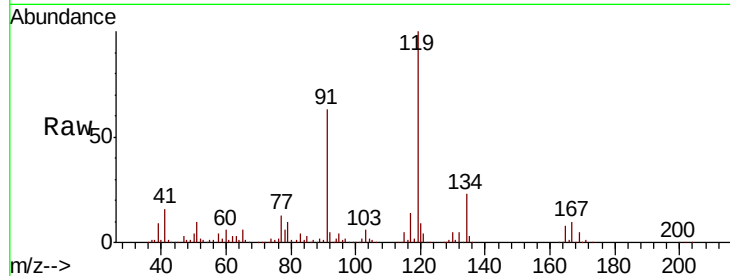




#83
 tert-Butylbenzene
 Concen: 19.568 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

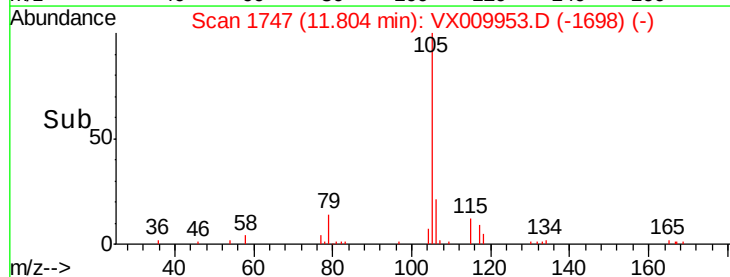
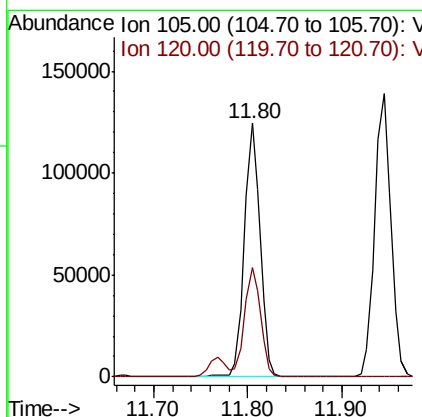
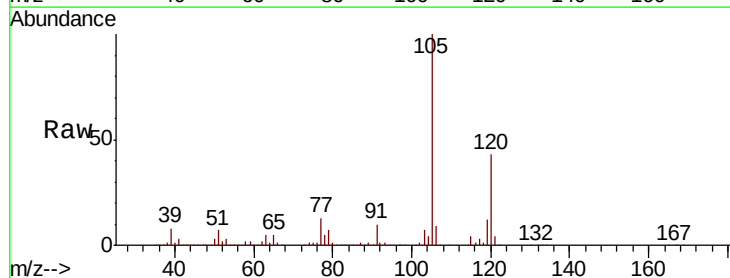
Instrument :
 MSVOA_X
 ClientSampled :
 VX0530WBS01

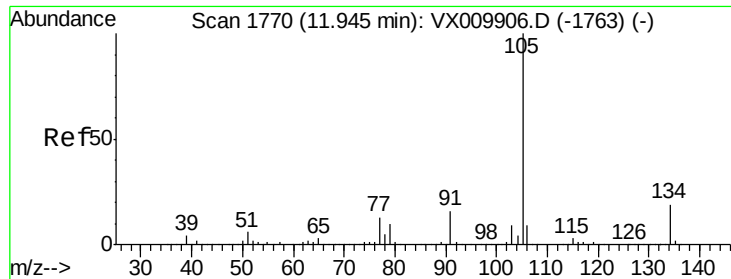
Tot Ion:119 Resp: 135502
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.0 90.0
 134 22.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.736 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion:105 Resp: 145069
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.221 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

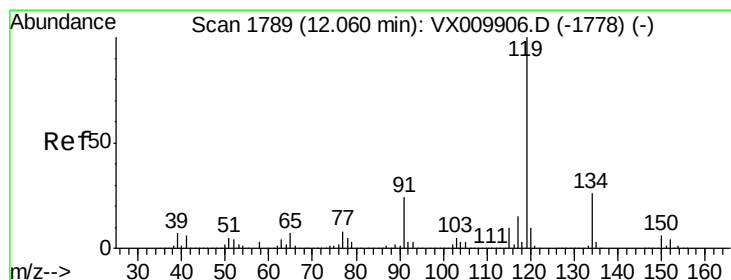
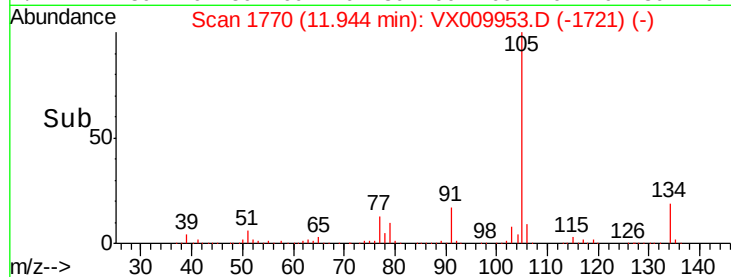
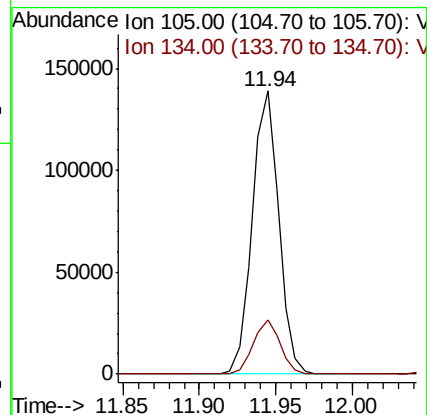
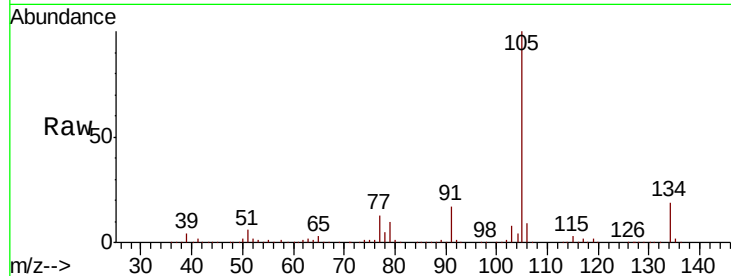
VX0530WBS01

Tot Ion:105 Resp: 166585

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.279 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009953.D

Acq: 30 May 2019 12:20

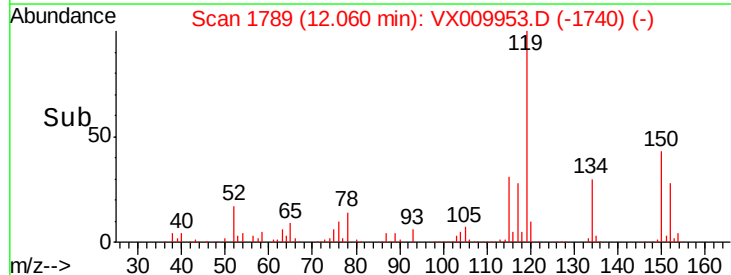
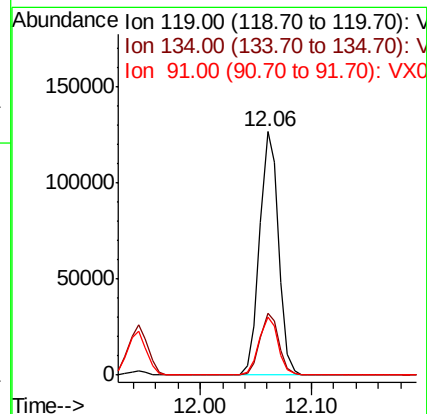
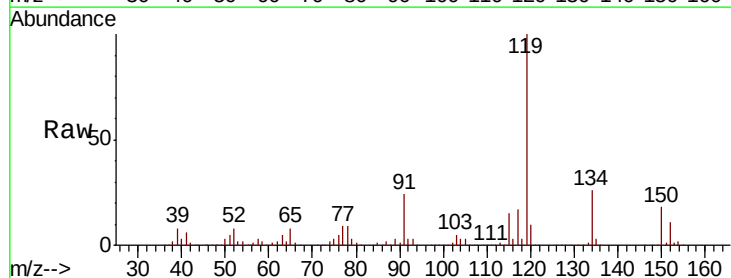
Tgt Ion:119 Resp: 150270

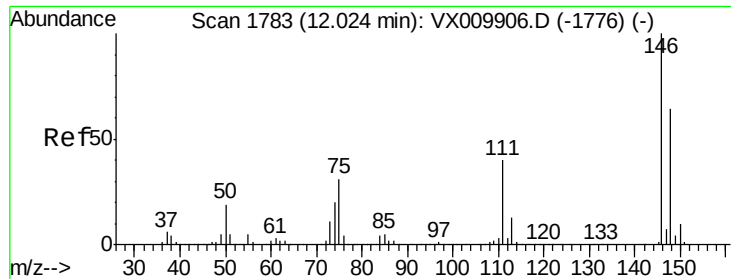
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.4 11.9 35.9

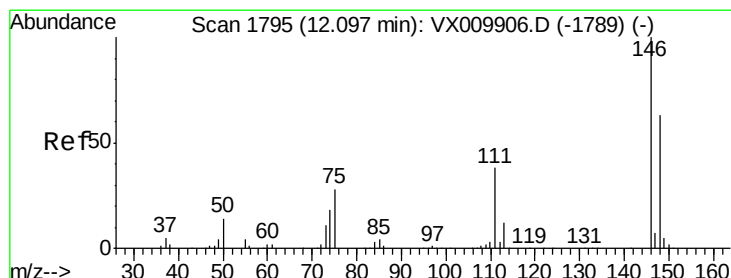
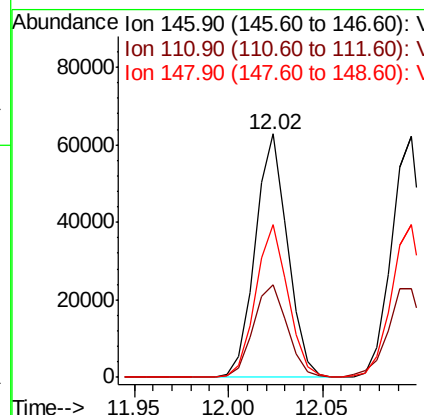
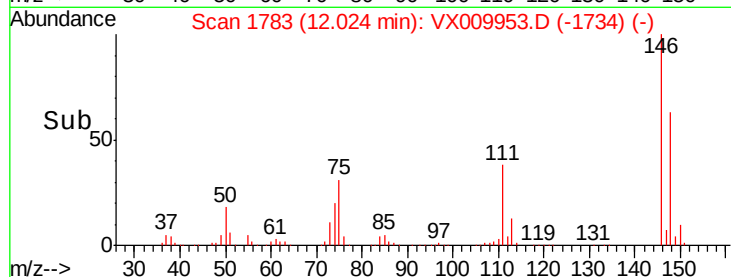
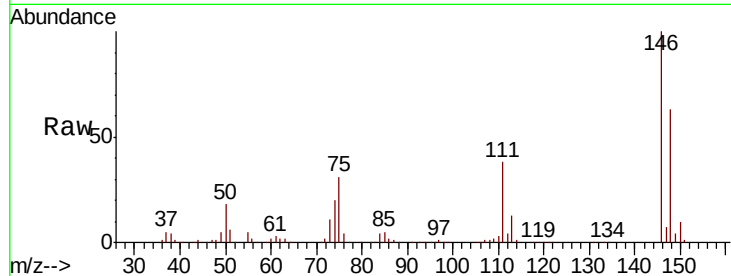




#87
 1,3-Dichlorobenzene
 Concen: 19.147 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

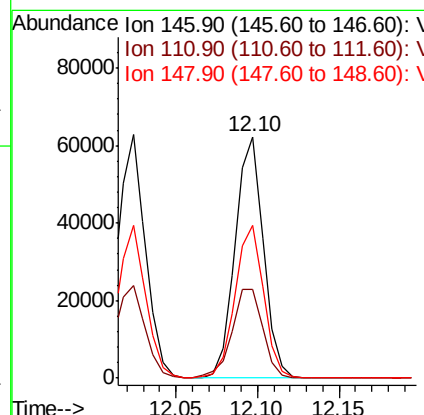
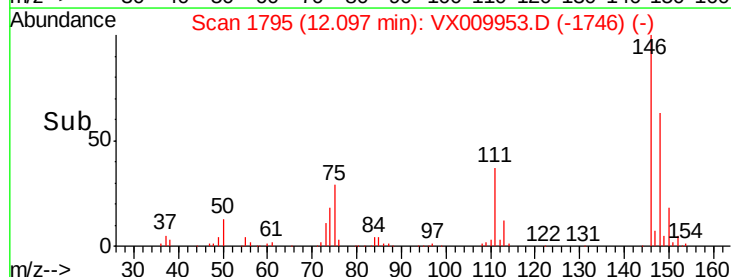
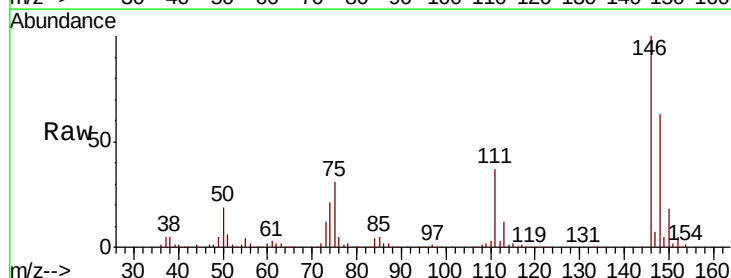
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

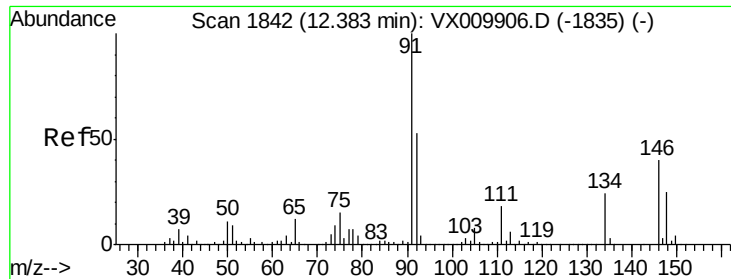
Tot Ion:146 Resp: 74638
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 62.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.863 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion:146 Resp: 74988
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 59.9
 148 63.7 32.3 96.9

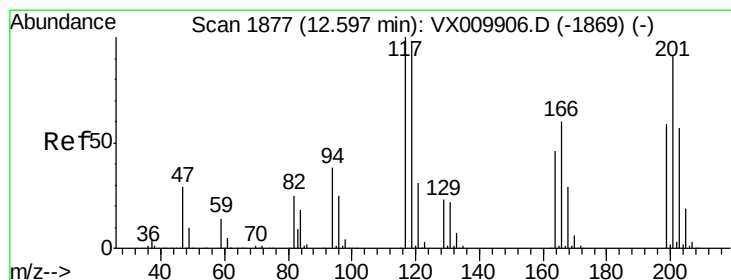
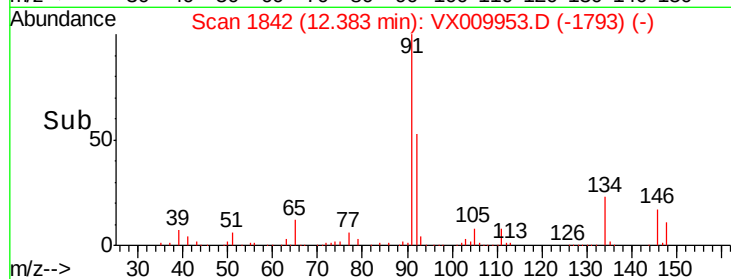
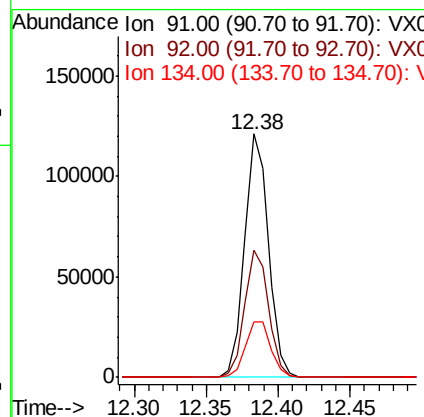
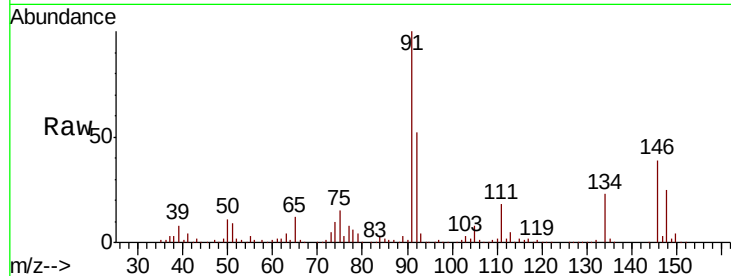




#89
n-Butylbenzene
Concen: 19.992 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

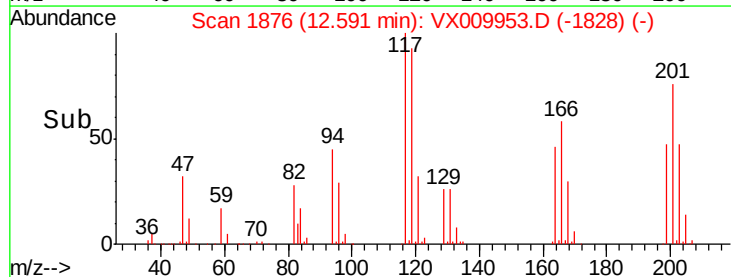
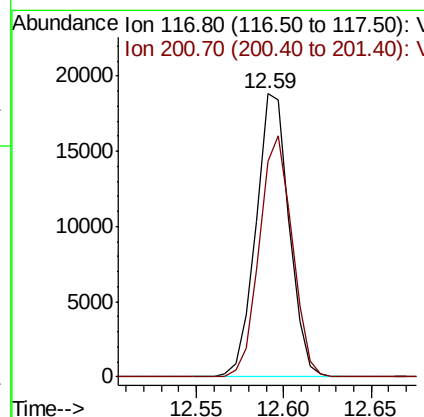
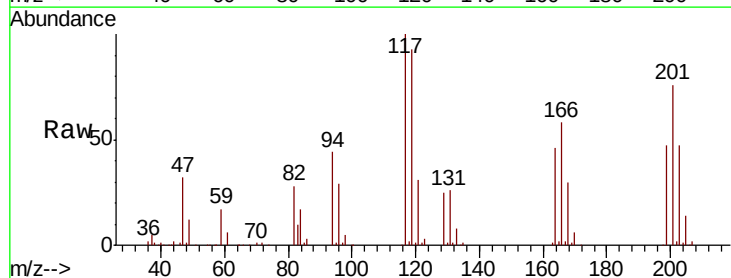
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

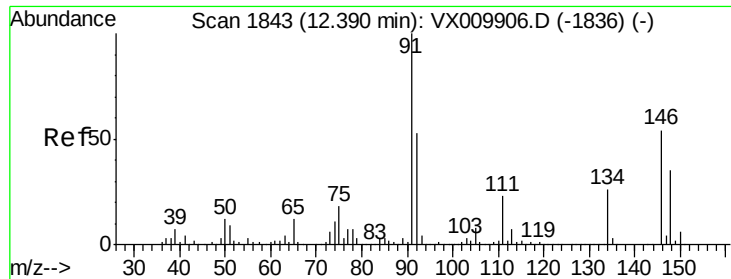
Tot Ion: 91 Resp: 139222
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.8
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 19.496 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion: 117 Resp: 24792
Ion Ratio Lower Upper
117 100
201 84.2 43.6 130.9

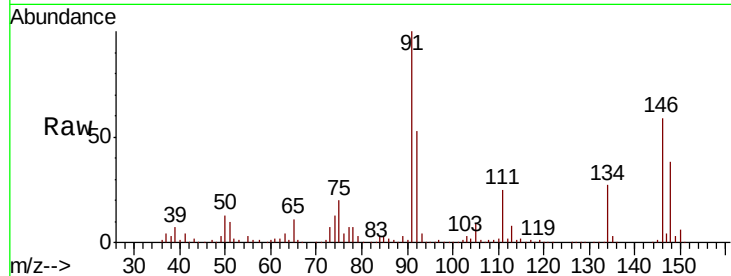




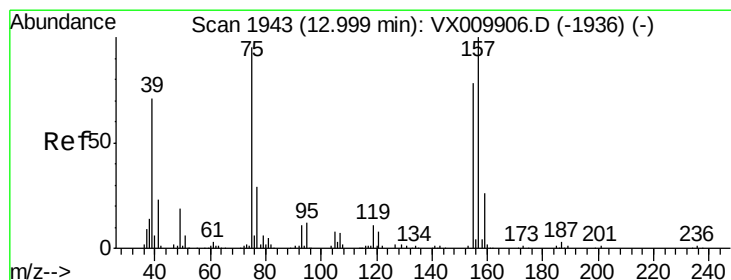
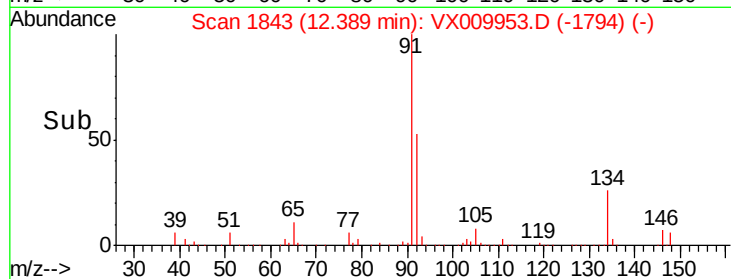
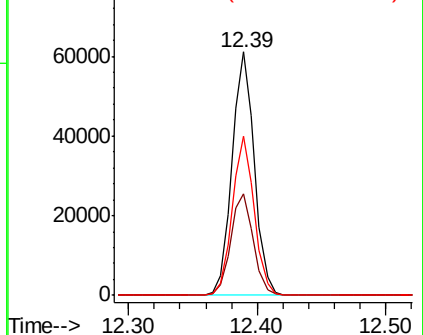
#91
 1,2-Dichlorobenzene
 Concen: 19.261 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Tot Ion:146 Resp: 74023
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 64.1 32.3 96.8

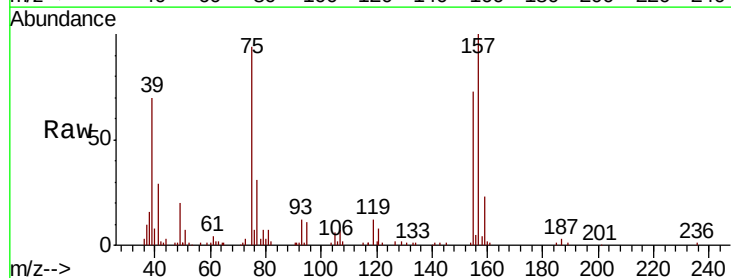


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

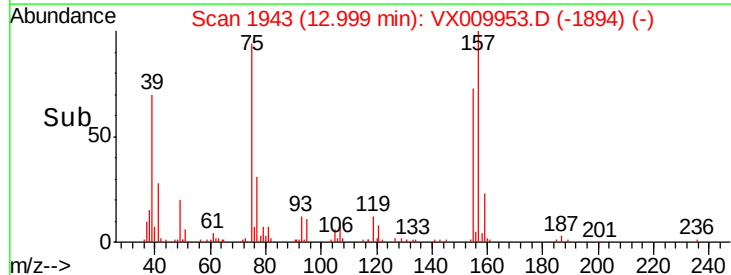
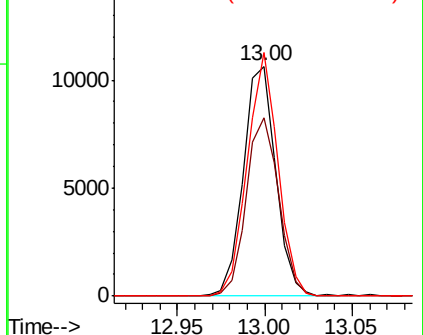


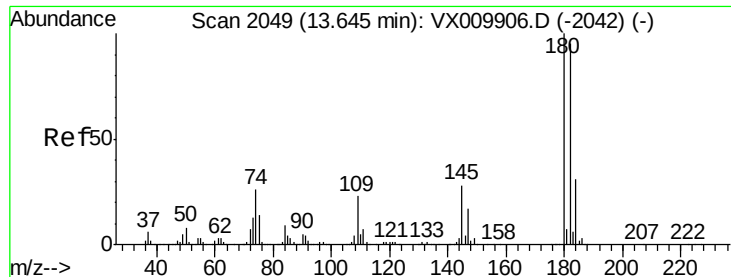
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.201 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion: 75 Resp: 13732
 Ion Ratio Lower Upper
 75 100
 155 77.3 39.3 117.8
 157 99.7 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

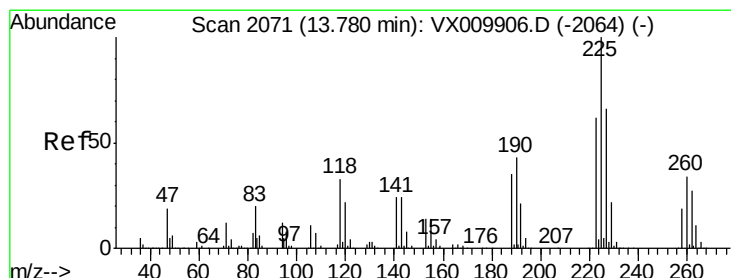
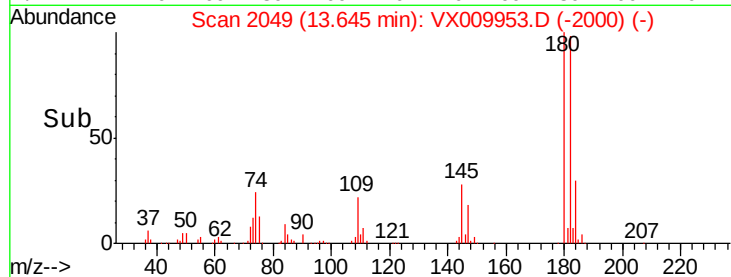
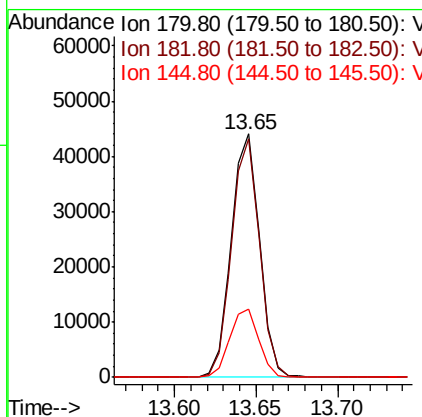
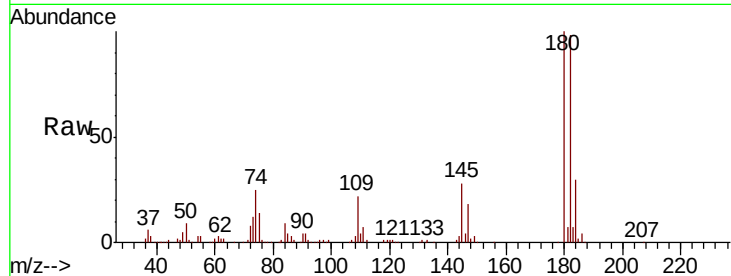




#93
 1,2,4-Trichlorobenzene
 Concen: 19.358 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

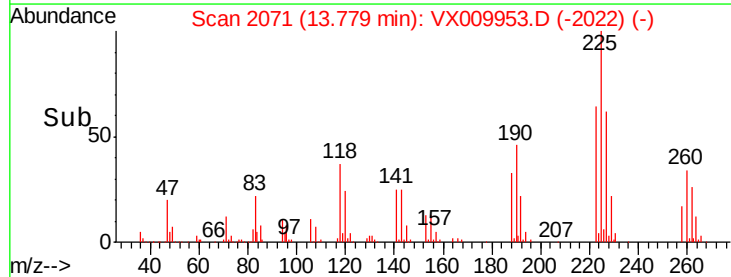
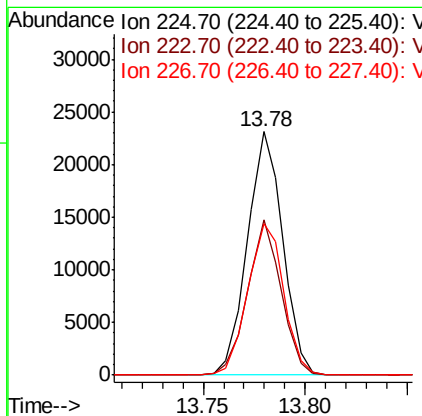
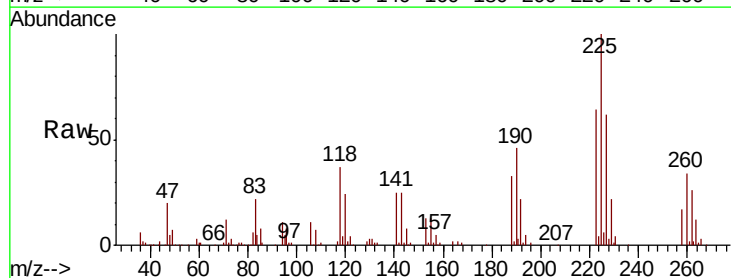
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

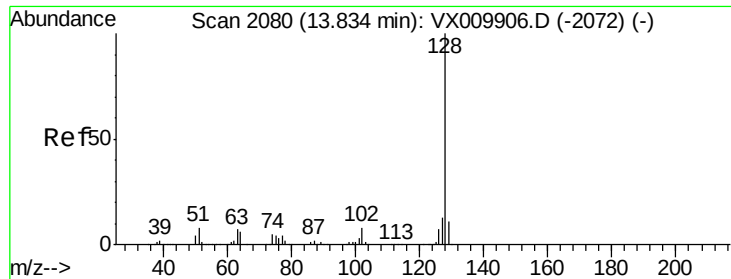
Tot Ion:180 Resp: 53165
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.4 142.2
 145 28.8 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 20.250 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009953.D
 Acq: 30 May 2019 12:20

Tgt Ion:225 Resp: 27895
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.3 93.8
 227 63.4 32.3 96.8

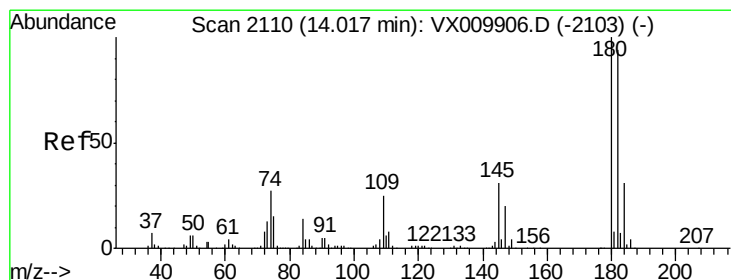
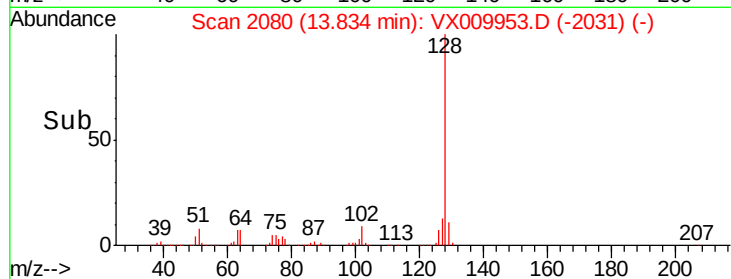
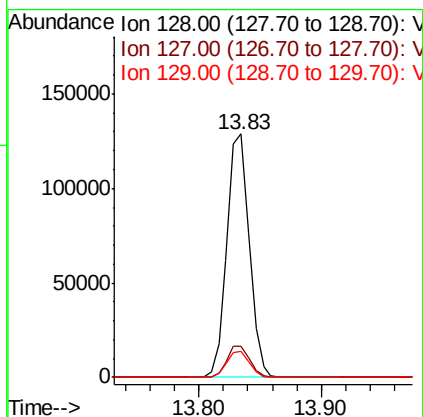
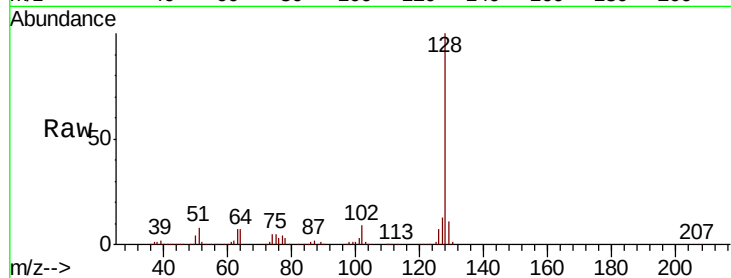




#95
Naphthalene
Concen: 19.055 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tot Ion:128 Resp: 162856
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.509 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009953.D
Acq: 30 May 2019 12:20

Tgt Ion:180 Resp: 53634
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 31.0 15.6 46.7

