

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009486.D
 Acq On : 10 May 2019 17:19
 Operator : JC/SP
 Sample : VX0510WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

Quant Time: May 11 03:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	165797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114651	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	111802	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	82814	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	333388	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	121099	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	29700	19.439	ug/l	99
3) Chloromethane	1.32	50	42382	20.318	ug/l	97
4) Vinyl Chloride	1.40	62	42414	20.852	ug/l	99
5) Bromomethane	1.64	94	25369	20.780	ug/l	98
6) Chloroethane	1.72	64	26857	20.566	ug/l	96
7) Trichlorofluoromethane	1.93	101	53580	21.671	ug/l	97
8) Diethyl Ether	2.18	74	24585	20.992	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33395	21.509	ug/l	100
10) Methyl Iodide	2.51	142	34419	21.920	ug/l	99
11) Tert butyl alcohol	3.04	59	50992	97.331	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32764	21.061	ug/l	94
13) Acrolein	2.29	56	39134	82.480	ug/l	99
14) Allyl chloride	2.73	41	77397	20.415	ug/l	100
15) Acrylonitrile	3.14	53	128443	100.269	ug/l	99
16) Acetone	2.44	43	129573	106.617	ug/l	98
17) Carbon Disulfide	2.57	76	91749	21.007	ug/l	98
18) Methyl Acetate	2.77	43	55395	19.166	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	124932	20.681	ug/l	100
20) Methylene Chloride	2.85	84	39763	20.207	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	35801	21.220	ug/l	98
22) Diisopropyl ether	3.85	45	150158	20.596	ug/l	# 87
23) Vinyl Acetate	3.81	43	669527	107.241	ug/l	100
24) 1,1-Dichloroethane	3.70	63	74183	20.626	ug/l	100
25) 2-Butanone	4.67	43	196974	104.298	ug/l	99
26) 2,2-Dichloropropane	4.58	77	54978	20.536	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	41683	20.699	ug/l	100
28) Bromochloromethane	5.01	49	25920	16.041	ug/l	100
29) Tetrahydrofuran	5.12	42	125070	102.914	ug/l	99
30) Chloroform	5.21	83	69093	21.240	ug/l	99
31) Cyclohexane	5.58	56	72091	21.544	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	56095	20.715	ug/l	99
36) 1,1-Dichloropropene	5.80	75	51850	21.717	ug/l	99
37) Ethyl Acetate	4.83	43	71755	21.571	ug/l	100
38) Carbon Tetrachloride	5.78	117	46471	21.423	ug/l	96

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 ClientSampleId :
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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68219	23.267	ug/l	98
40) Benzene	6.14	78	160244	21.687	ug/l	99
41) Methacrylonitrile	5.04	41	40677	20.542	ug/l	97
42) 1,2-Dichloroethane	6.19	62	57742	21.785	ug/l	99
43) Isopropyl Acetate	6.44	43	113276	21.289	ug/l	100
44) Trichloroethene	7.21	130	38254	21.416	ug/l	99
45) 1,2-Dichloropropane	7.51	63	45590	21.790	ug/l	98
46) Dibromomethane	7.66	93	26009	21.407	ug/l	100
47) Bromodichloromethane	7.90	83	51234	21.140	ug/l	98
48) Methyl methacrylate	7.77	41	57378	21.736	ug/l	98
49) 1,4-Dioxane	7.74	88	22176	414.232	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	371691	106.874	ug/l	100
52) Toluene	8.78	92	97932	21.804	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57605	21.053	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	65289	21.558	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39264	21.428	ug/l	97
56) Ethyl methacrylate	9.18	69	69966	21.390	ug/l	99
57) 1,3-Dichloropropane	9.37	76	69209	21.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	166645	96.037	ug/l	99
59) 2-Hexanone	9.49	43	292196	106.975	ug/l	98
60) Dibromochloromethane	9.58	129	38541	21.535	ug/l	99
61) 1,2-Dibromoethane	9.67	107	40109	21.684	ug/l	99
64) Tetrachloroethene	9.33	164	35399	22.343	ug/l	98
65) Chlorobenzene	10.13	112	100293	21.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36269	21.652	ug/l	99
67) Ethyl Benzene	10.25	91	187887	22.096	ug/l	99
68) m/p-Xylenes	10.36	106	139481	44.888	ug/l	100
69) o-Xylene	10.69	106	68392	22.308	ug/l	96
70) Styrene	10.71	104	116486	21.860	ug/l	99
71) Bromoform	10.85	173	28170	20.694	ug/l #	99
73) Isopropylbenzene	11.02	105	183306	21.986	ug/l	99
74) N-amyl acetate	10.90	43	102574	21.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	64262	20.676	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	73858	27.771	ug/l	83
77) Bromobenzene	11.26	156	44115	21.318	ug/l	100
78) n-propylbenzene	11.36	91	210489	22.106	ug/l	99
79) 2-Chlorotoluene	11.42	91	124196	21.142	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	153457	21.860	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21076	20.277	ug/l	96
82) 4-Chlorotoluene	11.51	91	144106	21.715	ug/l	99
83) tert-Butylbenzene	11.77	119	146685	21.480	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	155782	22.108	ug/l	99
85) sec-Butylbenzene	11.94	105	178432	22.039	ug/l	99
86) p-Isopropyltoluene	12.06	119	161790	22.228	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79561	21.567	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	79329	21.330	ug/l	98
89) n-Butylbenzene	12.38	91	145336	22.092	ug/l	100
90) Hexachloroethane	12.59	117	26011	20.976	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	79796	21.237	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14696	21.078	ug/l	98

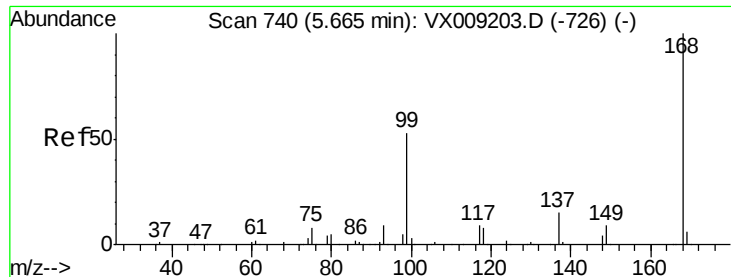
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
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ClientSampleId :
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Quant Time: May 11 03:29:12 2019
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58141	22.628	ug/l	97
94) Hexachlorobutadiene	13.78	225	29249	22.292	ug/l	99
95) Naphthalene	13.83	128	185893	22.237	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59111	22.695	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: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

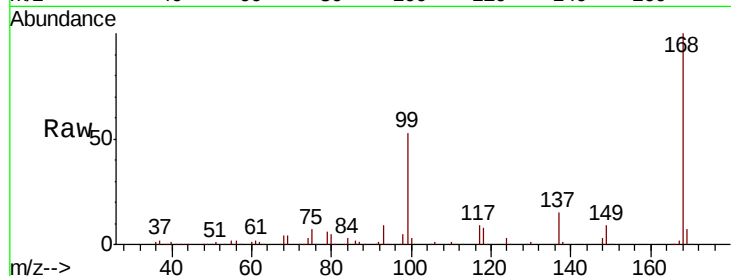
VX0510WBS02

Tot Ion:168 Resp: 165797

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

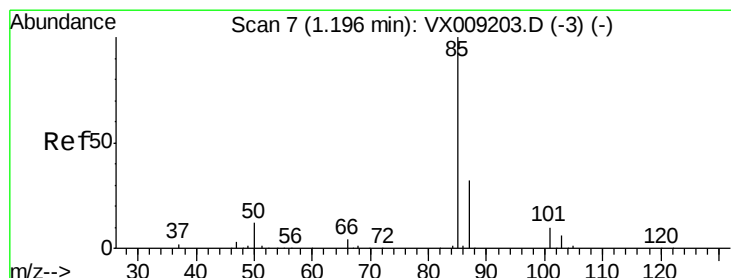
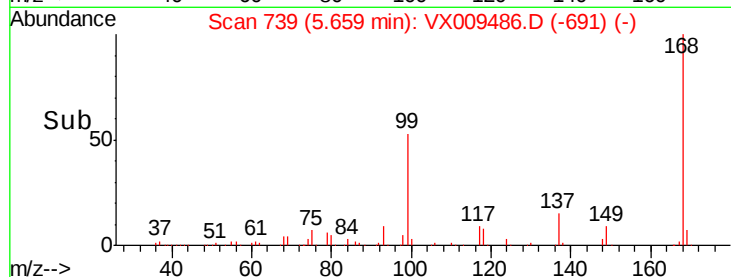
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.439 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009486.D

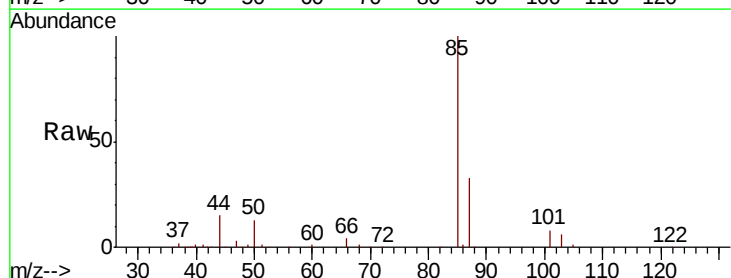
Acq: 10 May 2019 17:19

Tgt Ion: 85 Resp: 29700

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

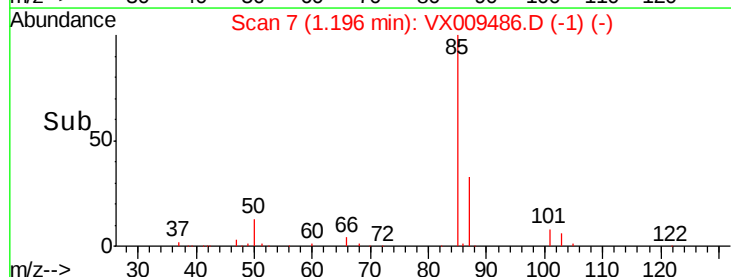
15000

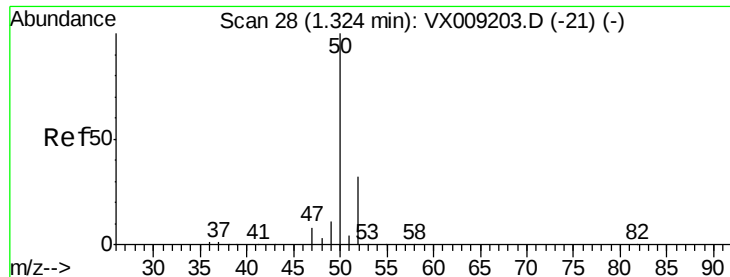
10000

5000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.318 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

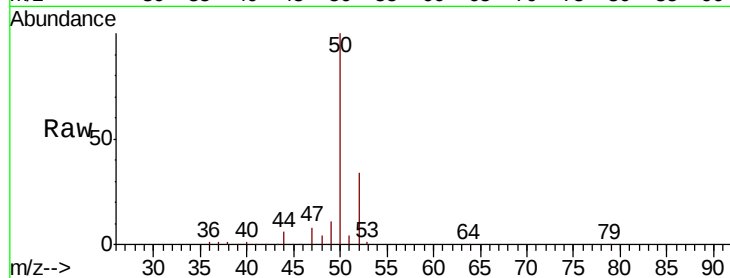
VX0510WBS02

Tot Ion: 50 Resp: 42382

Ion Ratio Lower Upper

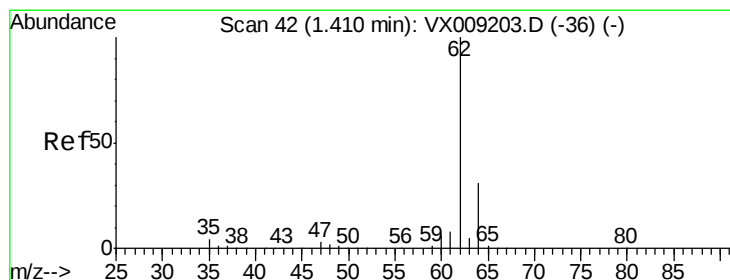
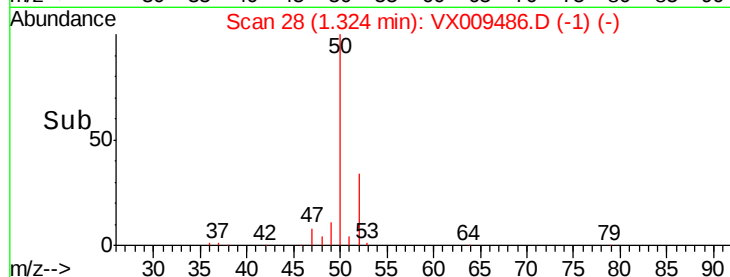
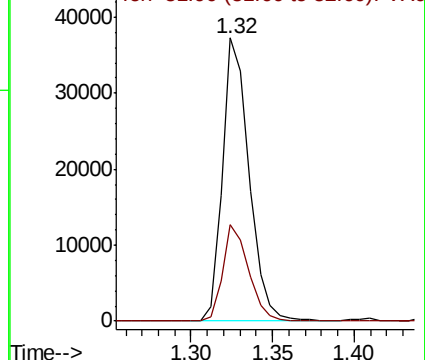
50 100

52 34.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.852 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009486.D

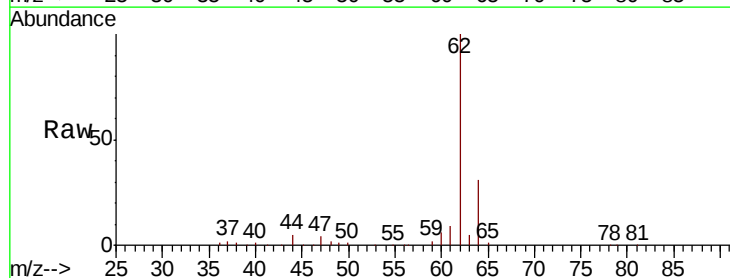
Acq: 10 May 2019 17:19

Tgt Ion: 62 Resp: 42414

Ion Ratio Lower Upper

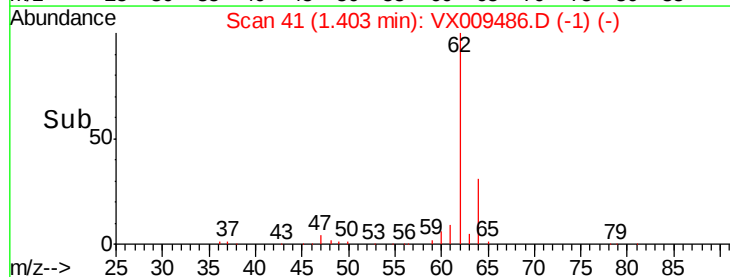
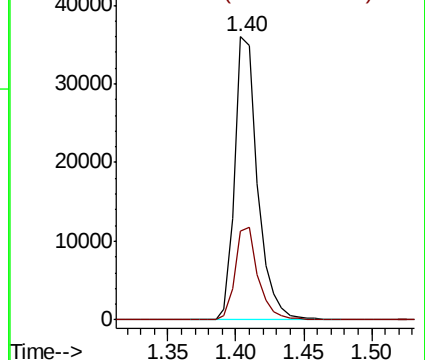
62 100

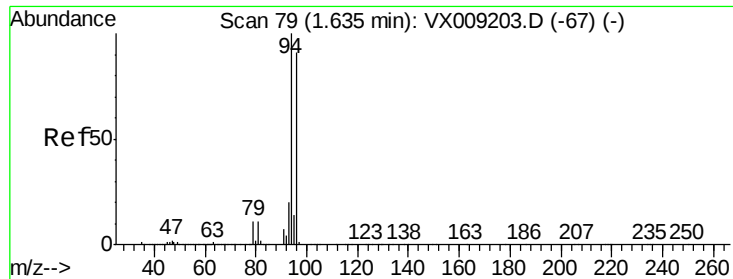
64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.780 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

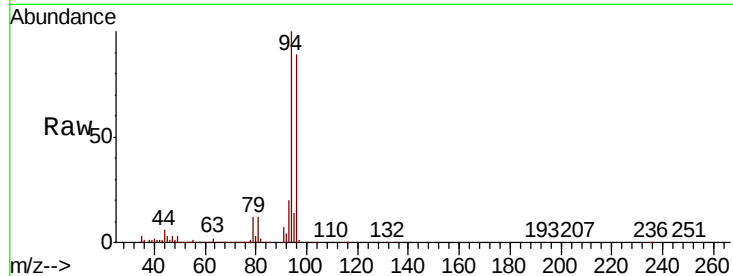
VX0510WBS02

Tot Ion: 94 Resp: 25369

Ion Ratio Lower Upper

94 100

96 89.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

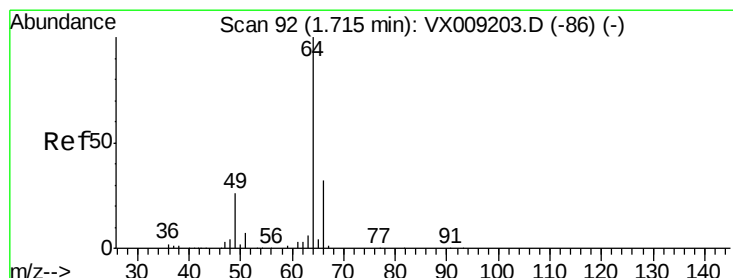
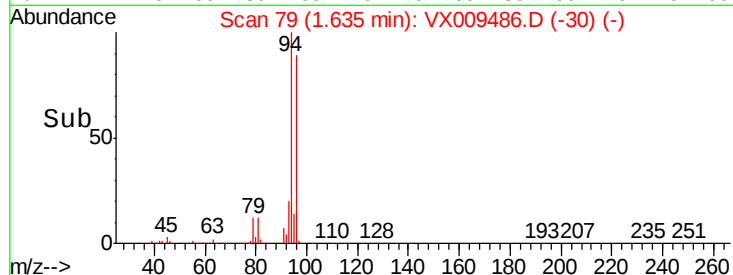
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.566 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009486.D

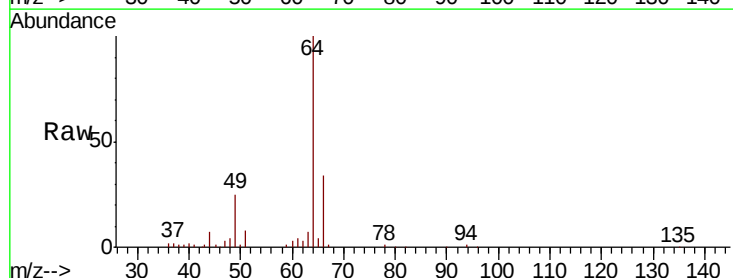
Acq: 10 May 2019 17:19

Tgt Ion: 64 Resp: 26857

Ion Ratio Lower Upper

64 100

66 33.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

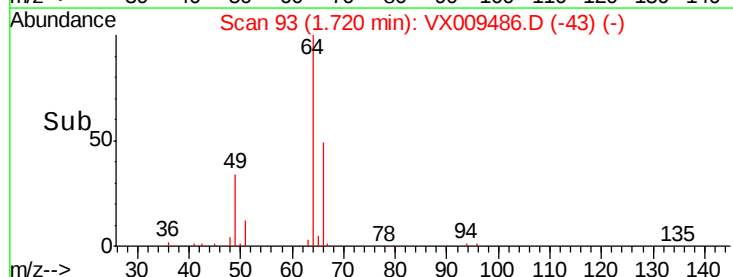
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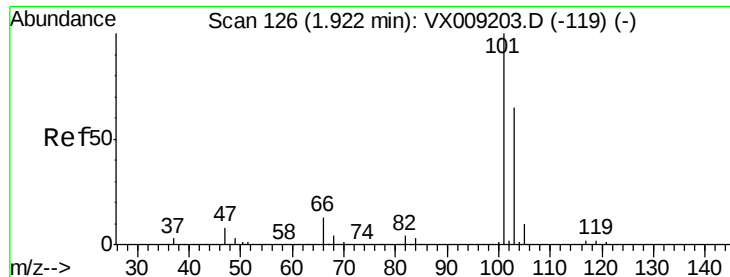
10000

5000

0

Time-->



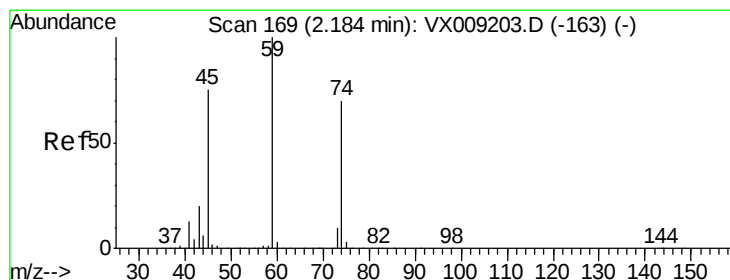
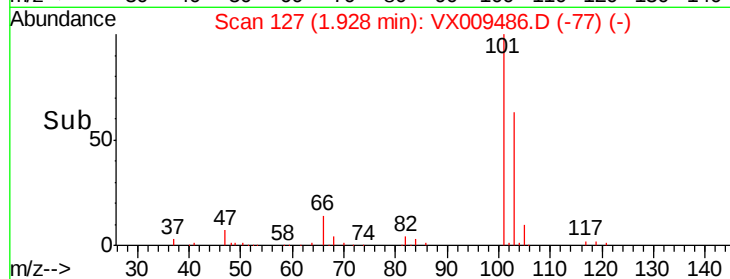
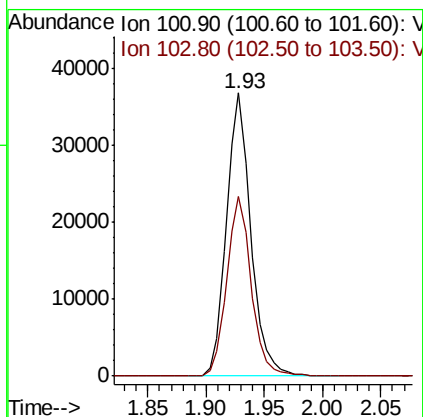
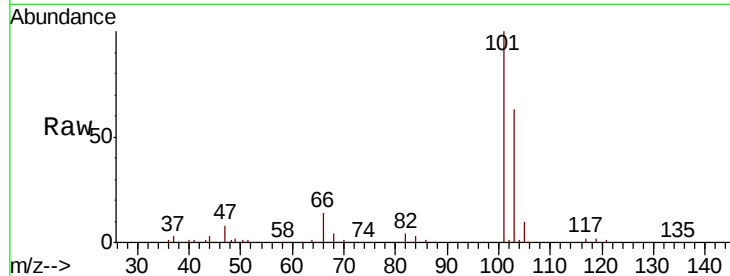


#7

Trichlorofluoromethane
 Concen: 21.671 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

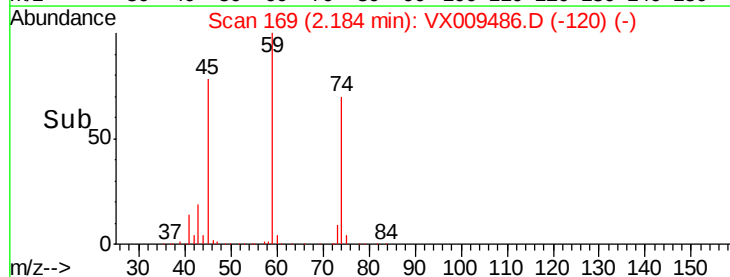
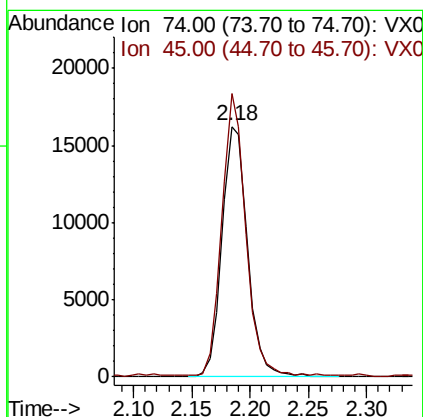
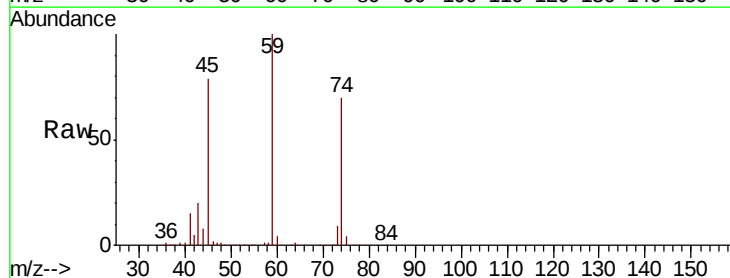
Tot Ion:101 Resp: 53580
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

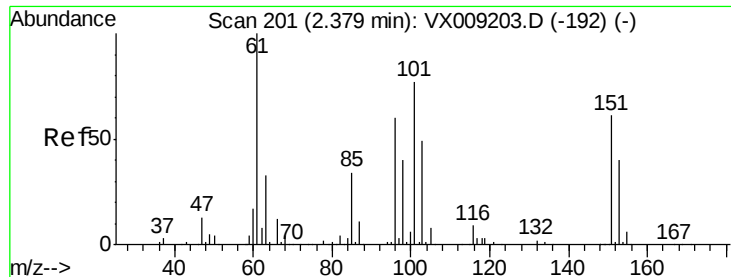


#8

Diethyl Ether
 Concen: 20.992 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion: 74 Resp: 24585
 Ion Ratio Lower Upper
 74 100
 45 105.4 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.509 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

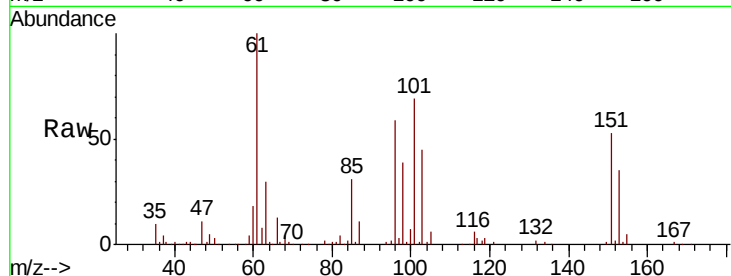
Tot Ion:101 Resp: 33395

Ion Ratio Lower Upper

101 100

85 44.8 35.7 53.5

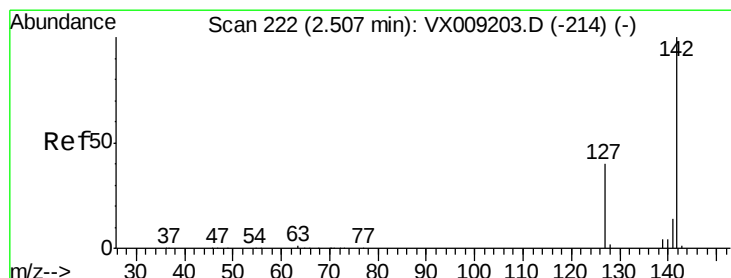
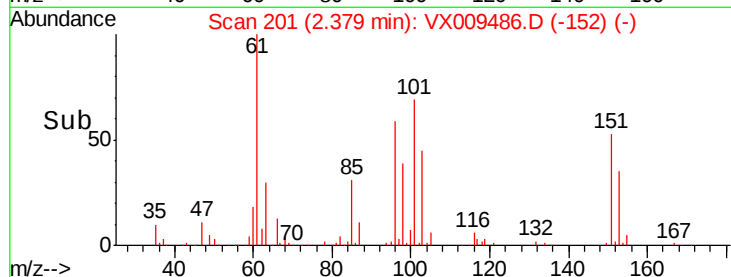
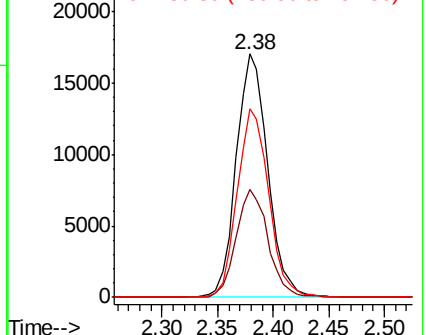
151 77.6 62.2 93.2



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: 21.920 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

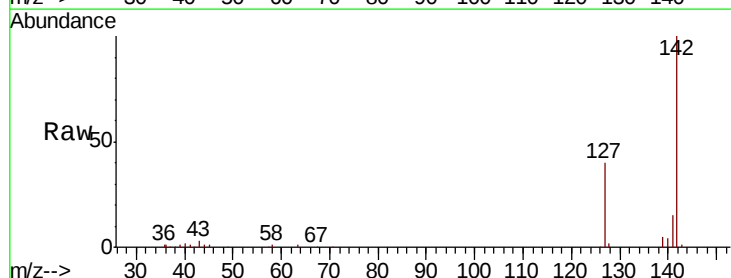
Tgt Ion:142 Resp: 34419

Ion Ratio Lower Upper

142 100

127 40.4 32.7 49.1

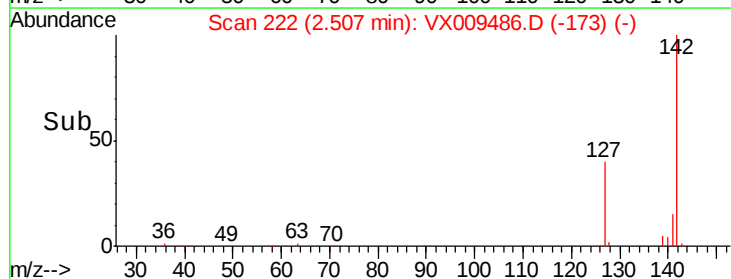
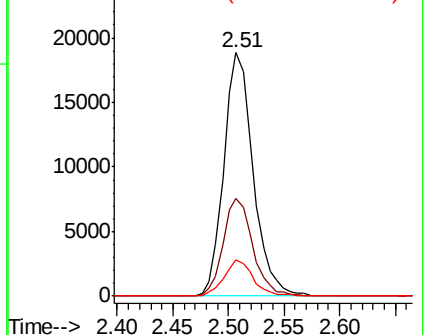
141 14.7 11.5 17.3

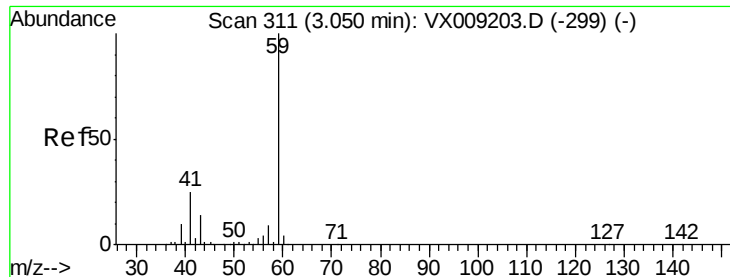


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

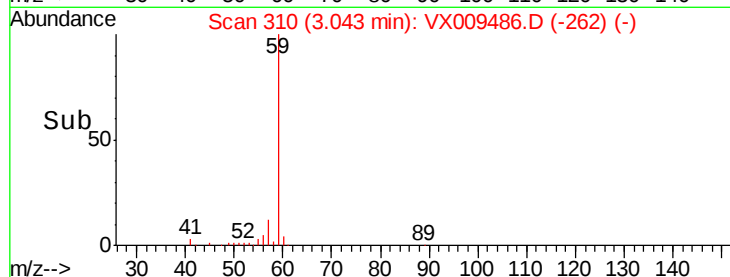
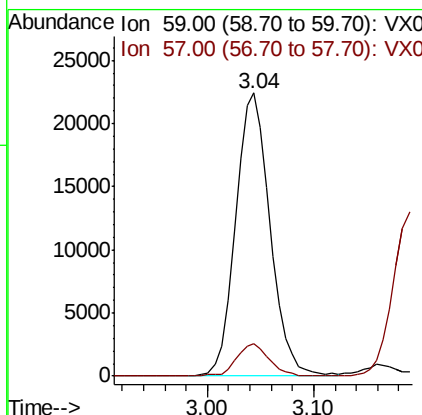
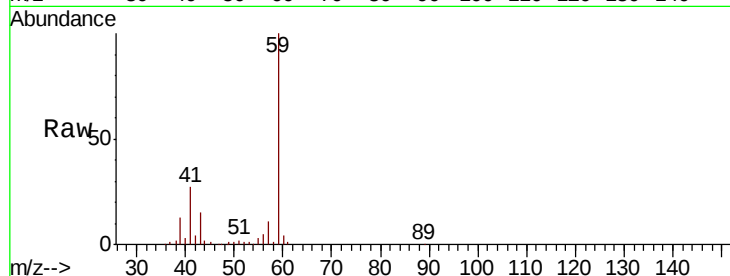




#11
Tert butyl alcohol
Concen: 97.331 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

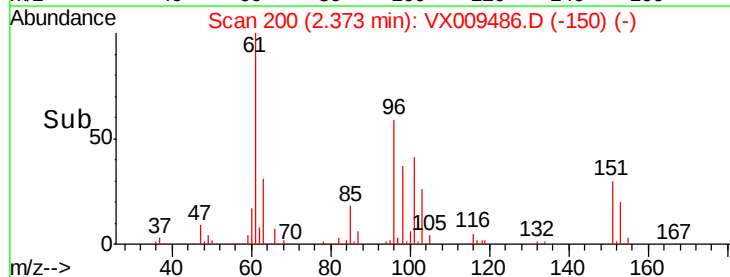
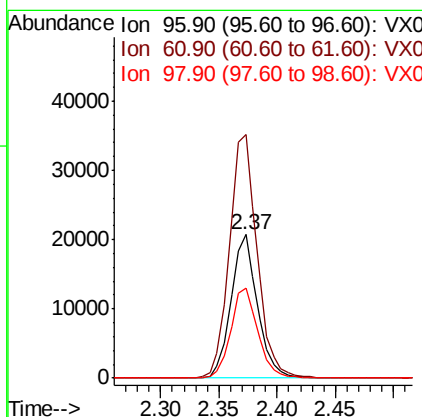
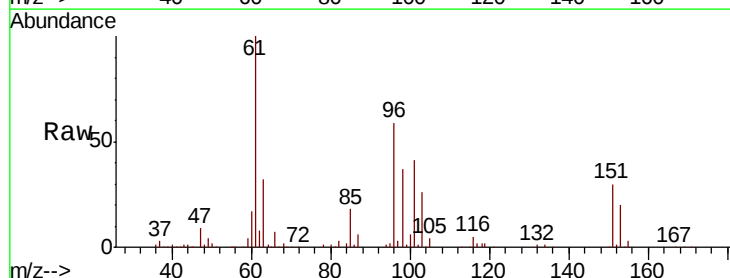
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

Tot Ion: 59 Resp: 50992
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.061 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion: 96 Resp: 32764
Ion Ratio Lower Upper
96 100
61 169.6 144.3 216.5
98 62.6 50.3 75.5





#13

Acrolein

Concen: 82.480 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampled :

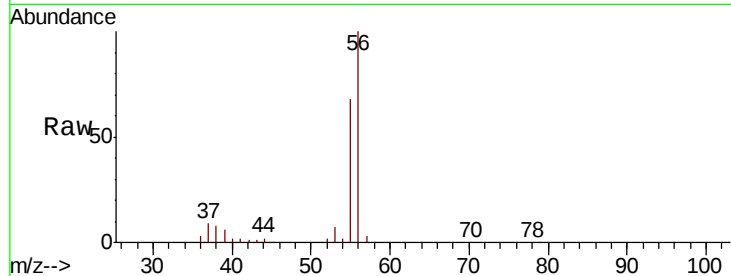
VX0510WBS02

Tot Ion: 56 Resp: 39134

Ion Ratio Lower Upper

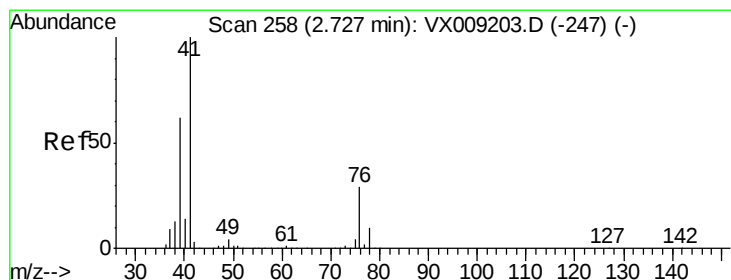
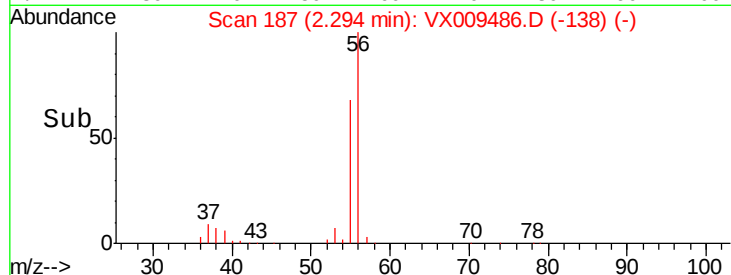
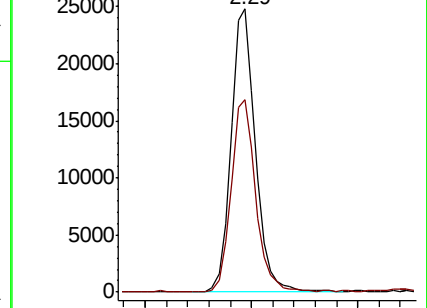
56 100

55 70.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.415 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

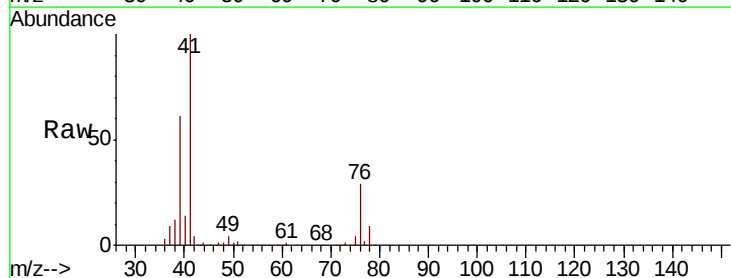
Tgt Ion: 41 Resp: 77397

Ion Ratio Lower Upper

41 100

39 58.5 46.7 70.1

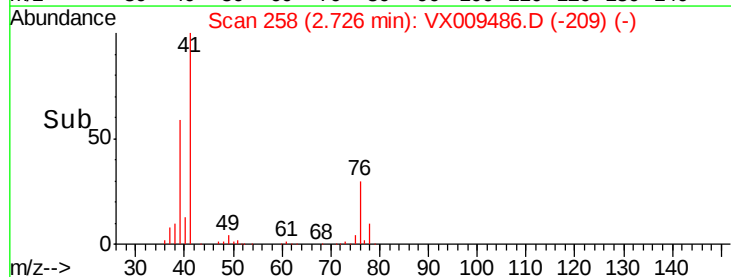
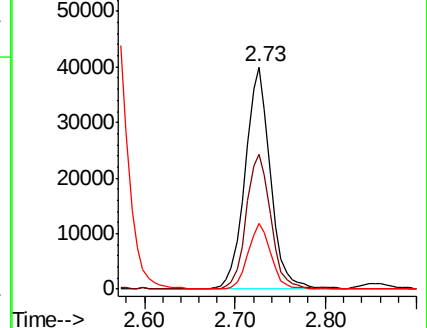
76 26.9 21.8 32.8

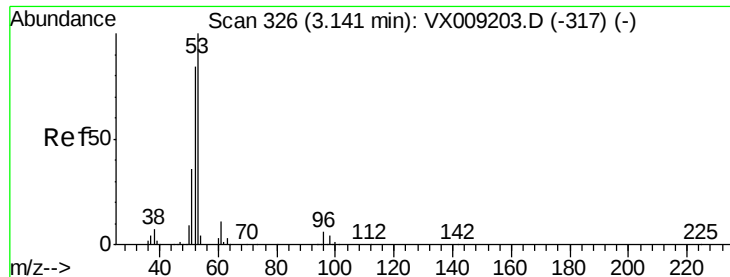


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.269 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

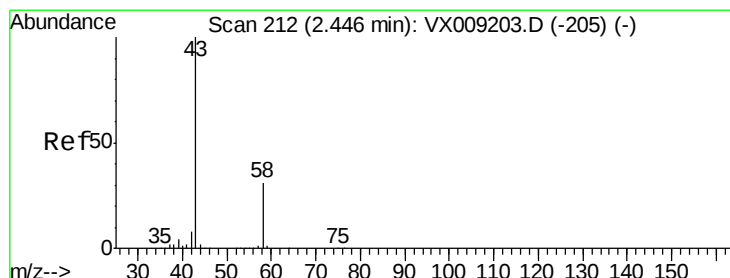
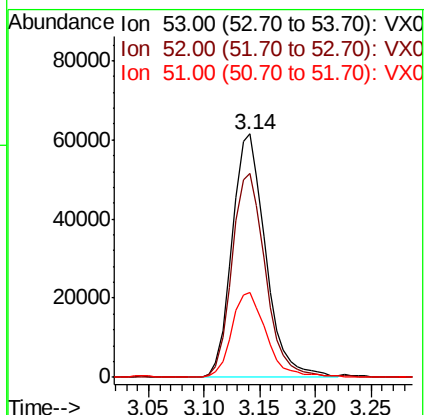
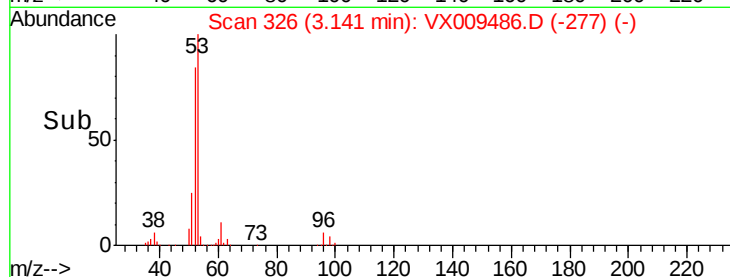
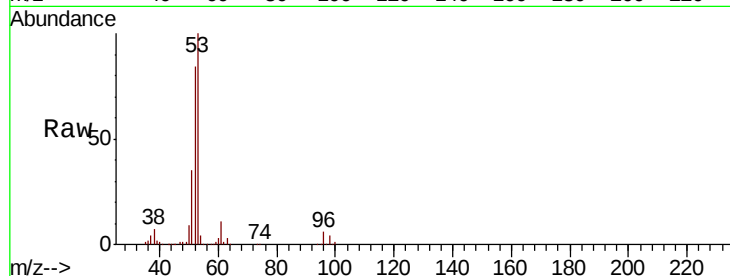
Tot Ion: 53 Resp: 128443

Ion Ratio Lower Upper

53 100

52 84.2 66.9 100.3

51 36.1 28.2 42.2



#16

Acetone

Concen: 106.617 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009486.D

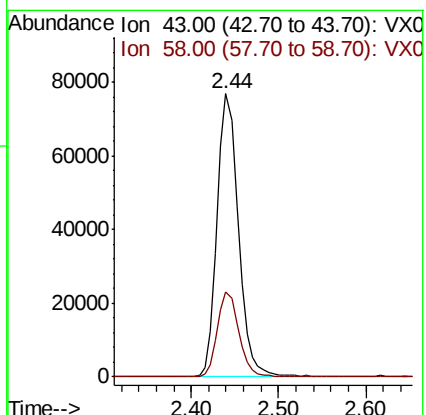
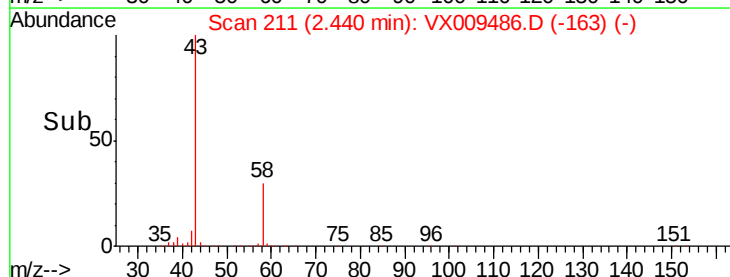
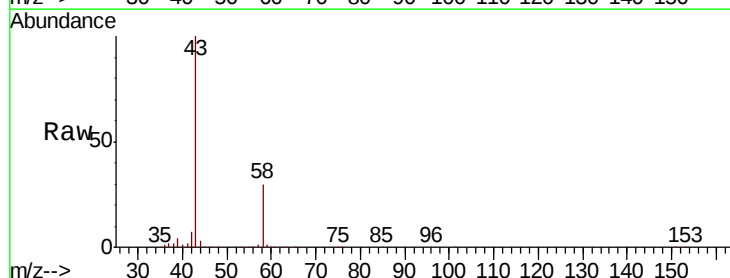
Acq: 10 May 2019 17:19

Tgt Ion: 43 Resp: 129573

Ion Ratio Lower Upper

43 100

58 29.9 24.9 37.3

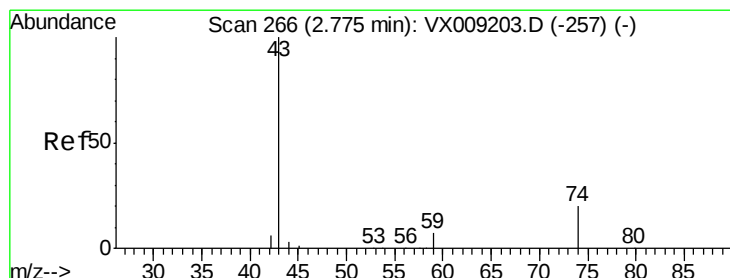
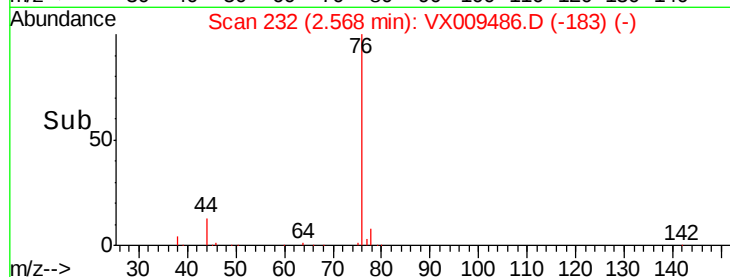
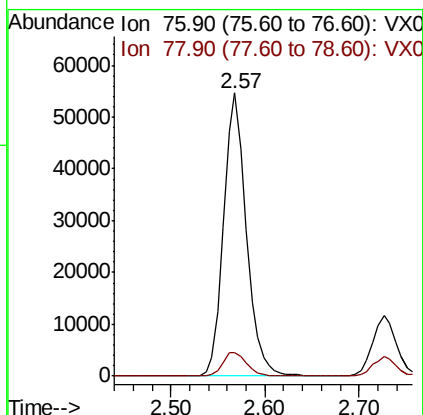
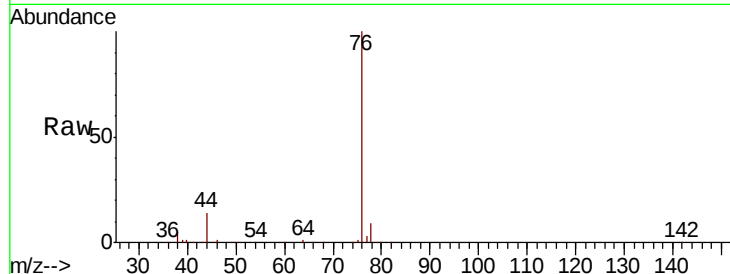




#17
Carbon Disulfide
Concen: 21.007 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

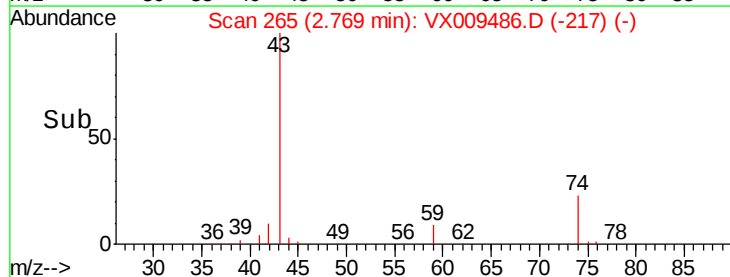
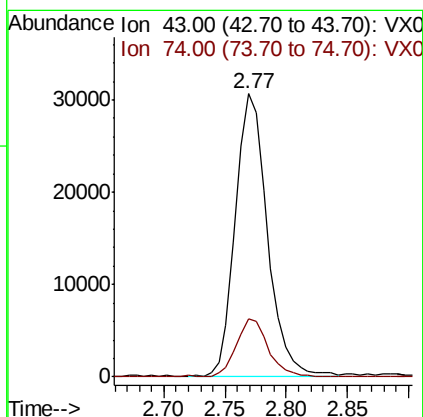
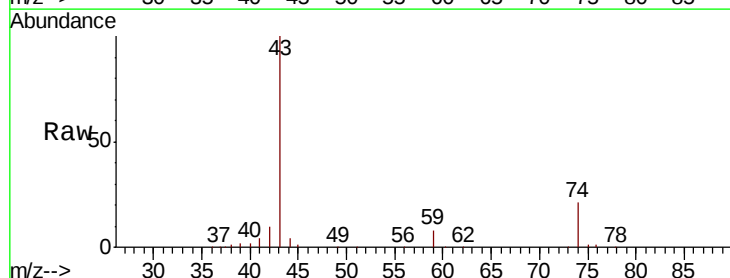
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

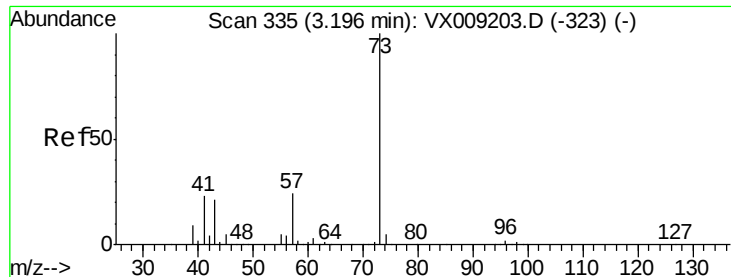
Tot Ion: 76 Resp: 91749
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.166 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion: 43 Resp: 55395
Ion Ratio Lower Upper
43 100
74 20.9 16.2 24.4

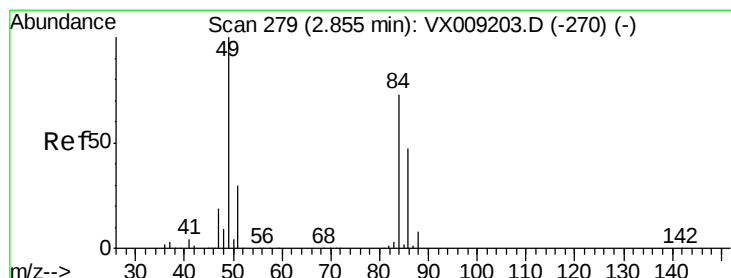
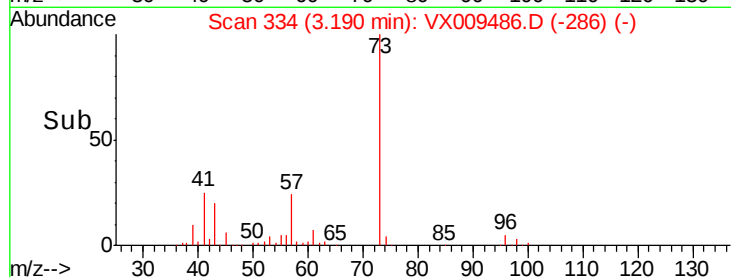
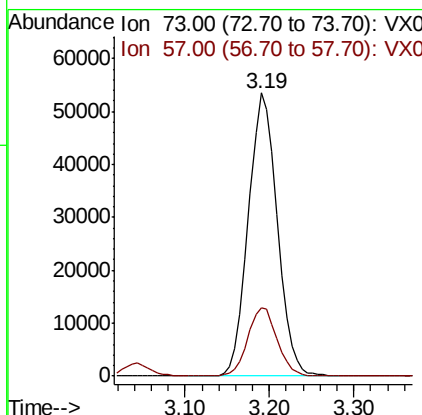
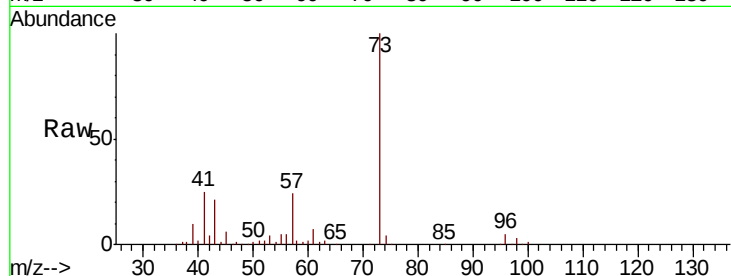




#19
Methvl tert-butvl Ether
Concen: 20.681 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

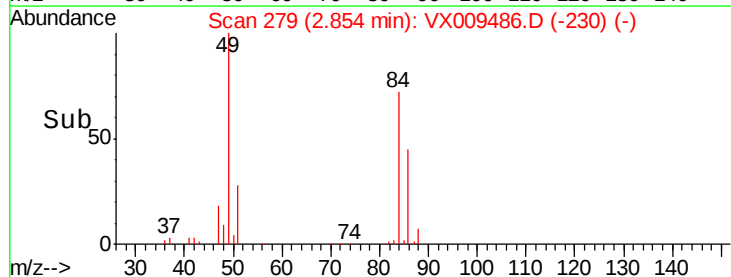
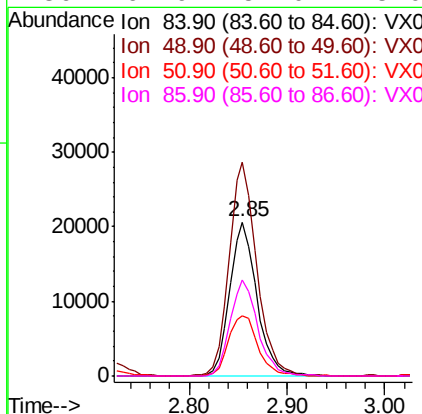
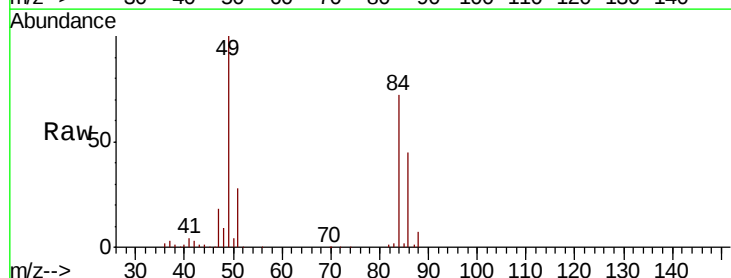
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

Tot Ion: 73 Resp: 124932
Ion Ratio Lower Upper
73 100
57 24.3 19.3 28.9



#20
Methylene Chloride
Concen: 20.207 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion: 84 Resp: 39763
Ion Ratio Lower Upper
84 100
49 138.5 109.9 164.9
51 38.8 32.7 49.1
86 61.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 21.220 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

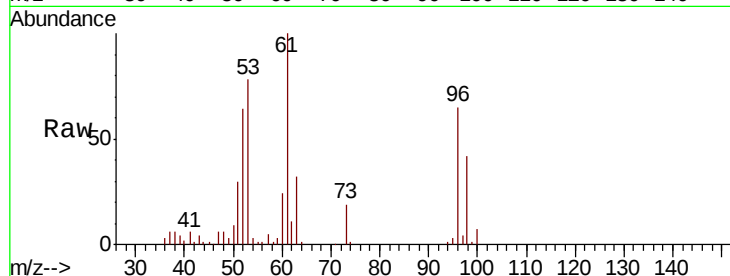
Tot Ion: 96 Resp: 35801

Ion Ratio Lower Upper

96 100

61 153.9 124.5 186.7

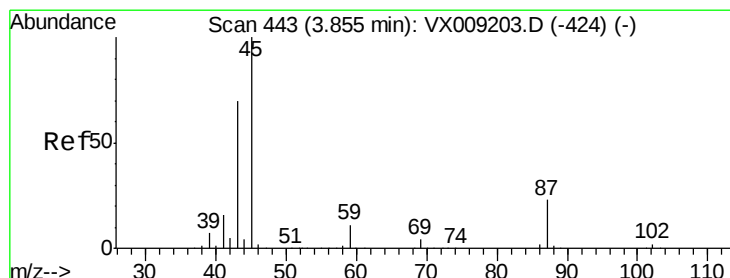
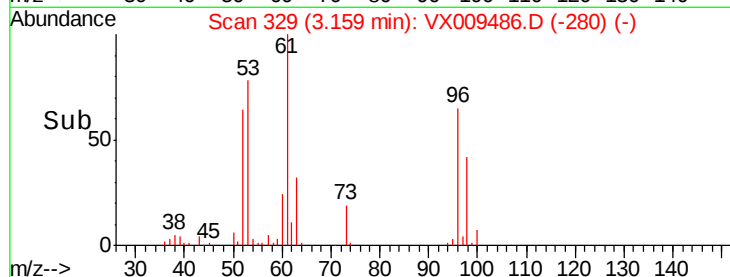
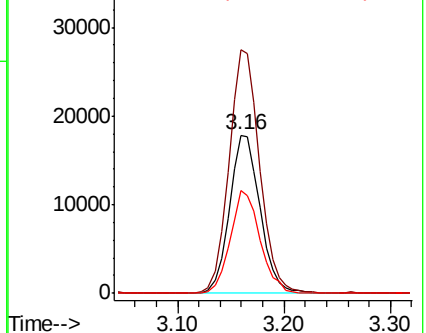
98 64.8 50.4 75.6



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: 20.596 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Tgt Ion: 45 Resp: 150158

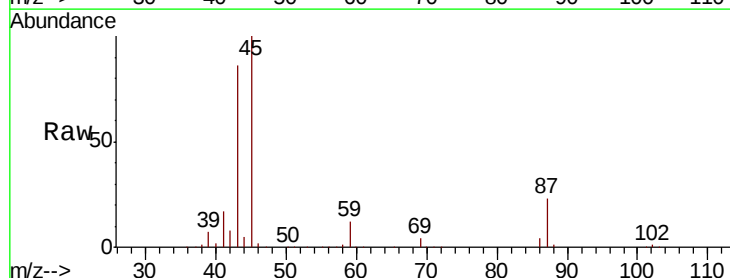
Ion Ratio Lower Upper

45 100

43 85.6 56.1 84.1#

87 22.6 18.1 27.1

59 11.6 8.5 12.7

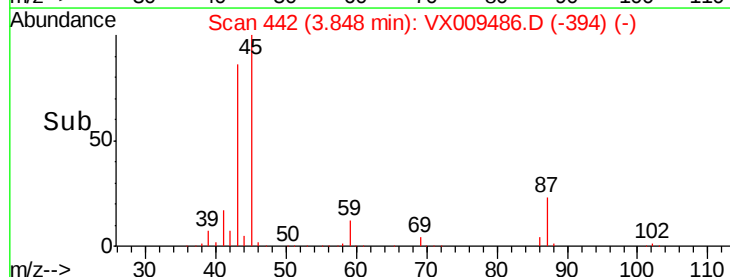
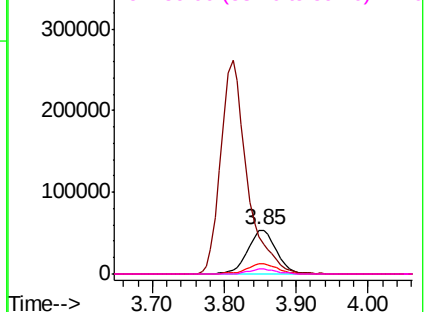


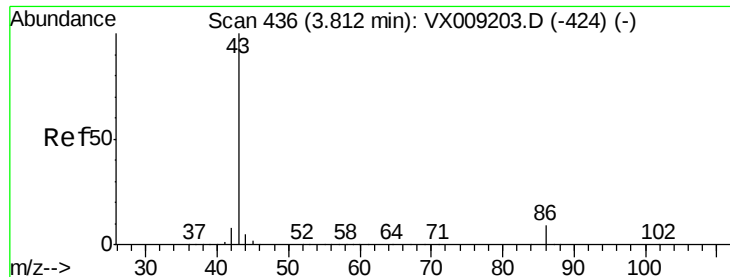
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 107.241 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

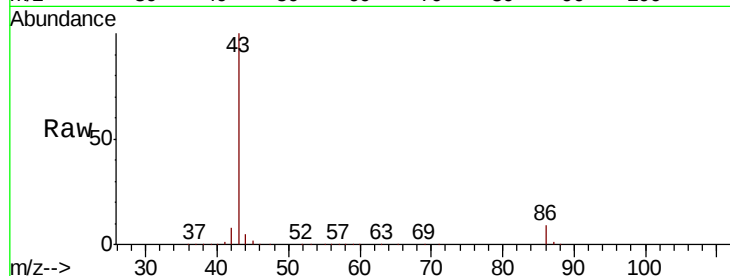
VX0510WBS02

Tot Ion: 43 Resp: 669527

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

250000

200000

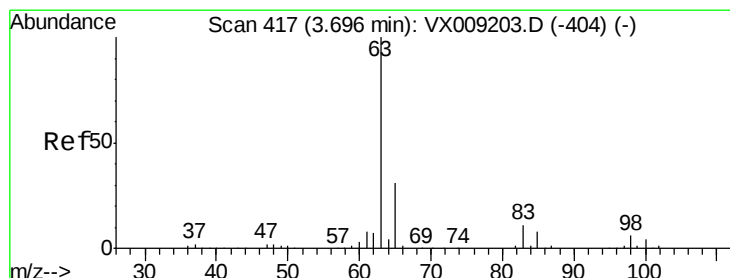
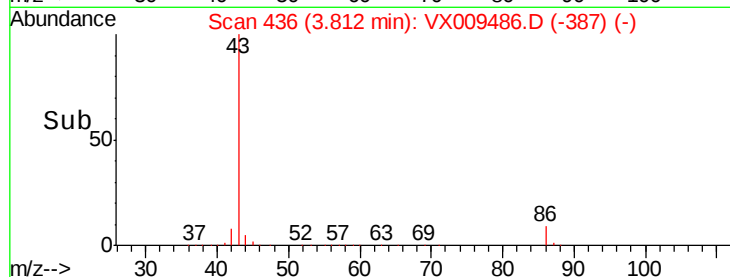
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.626 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

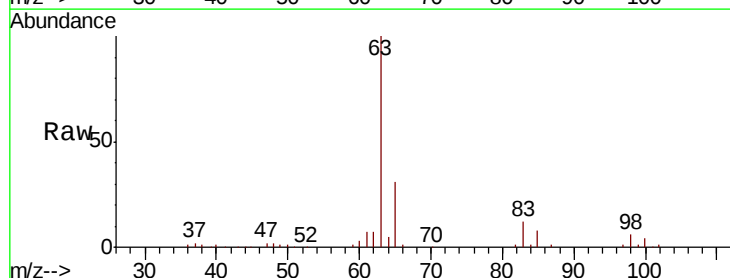
Tgt Ion: 63 Resp: 74183

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

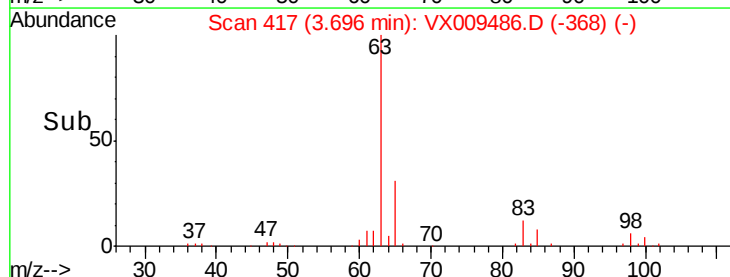
30000

20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 104.298 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

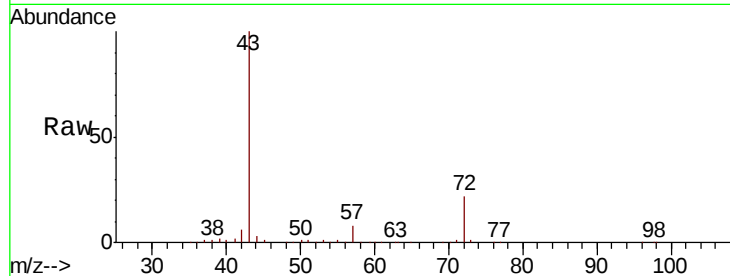
VX0510WBS02

Tot Ion: 43 Resp: 196974

Ion Ratio Lower Upper

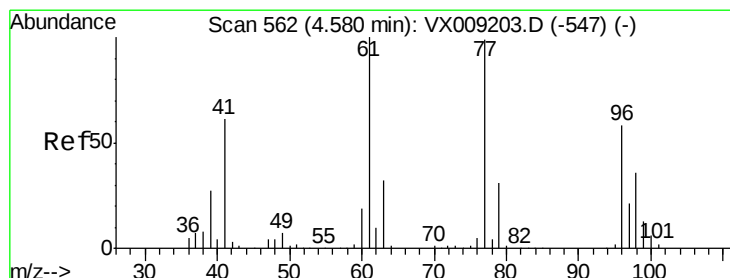
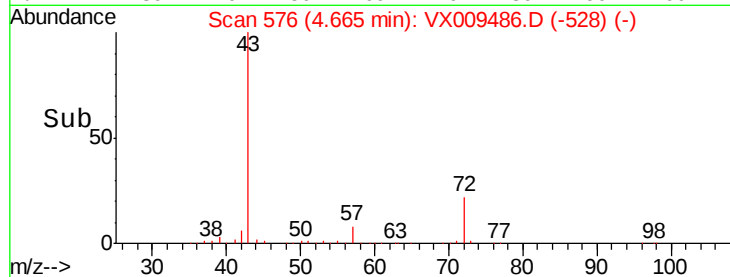
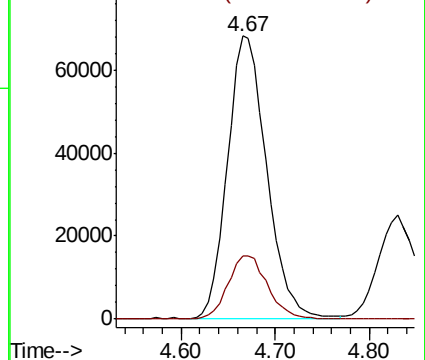
43 100

72 22.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.536 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009486.D

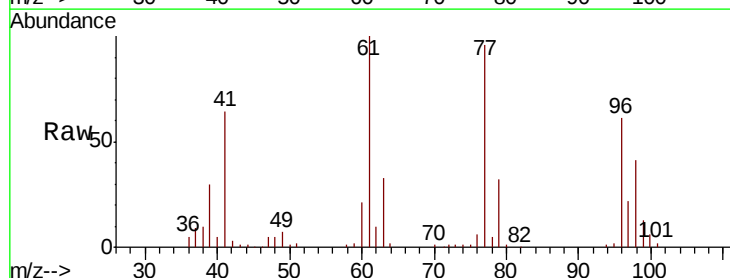
Acq: 10 May 2019 17:19

Tgt Ion: 77 Resp: 54978

Ion Ratio Lower Upper

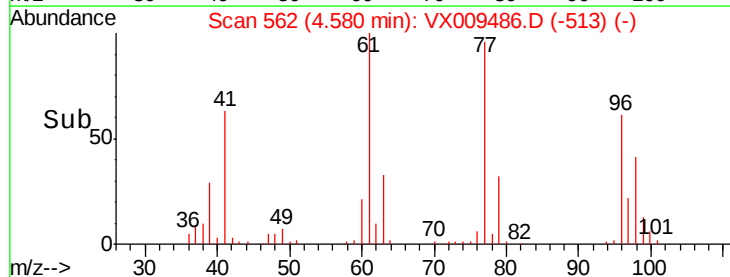
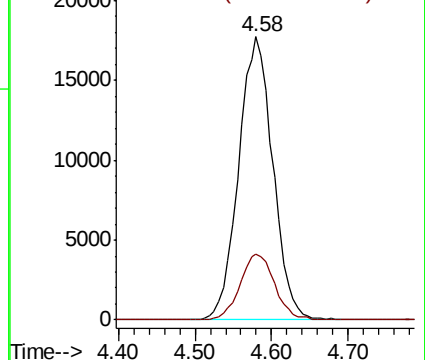
77 100

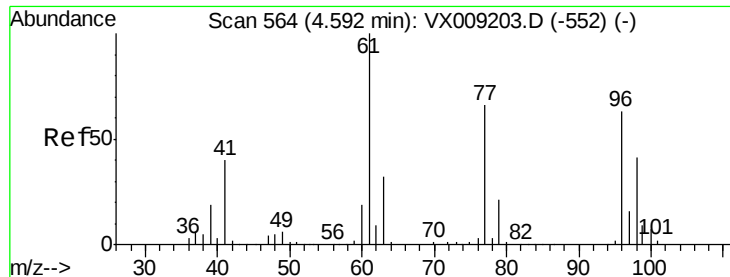
97 23.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



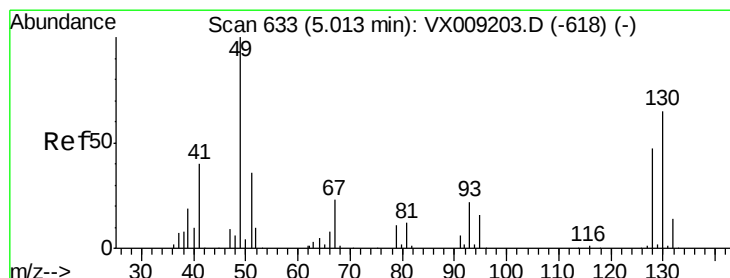
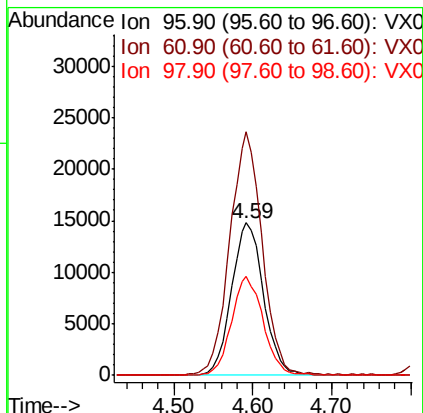
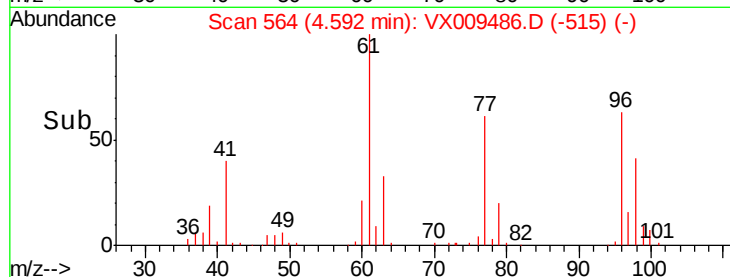
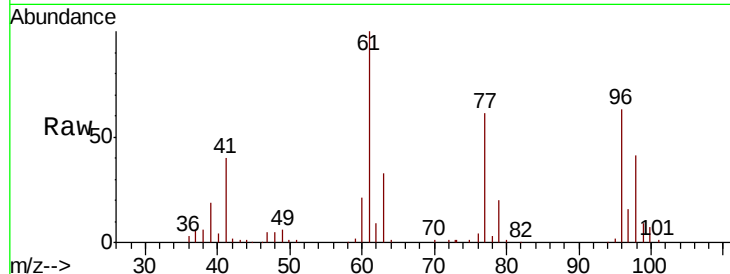


#27

cis-1,2-Dichloroethene
 Concen: 20.699 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

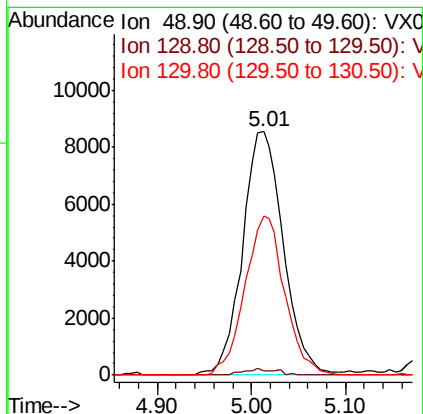
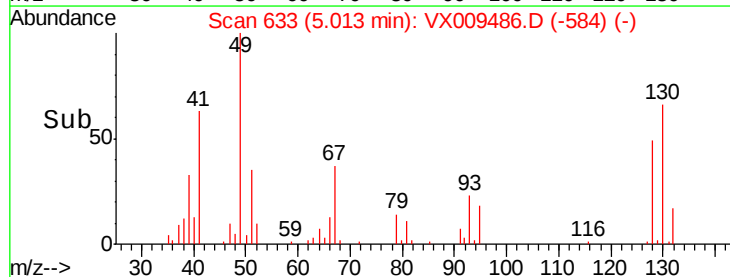
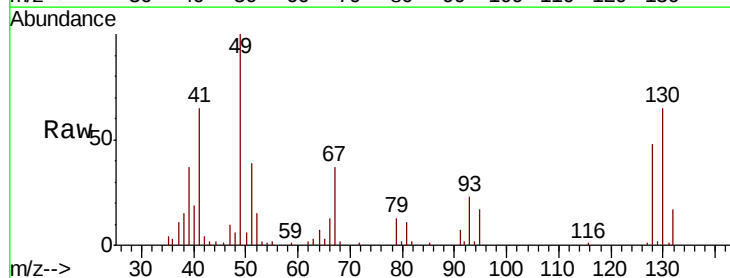
Tot Ion: 96 Resp: 41683
 Ion Ratio Lower Upper
 96 100
 61 161.6 0.0 324.0
 98 64.5 0.0 130.4

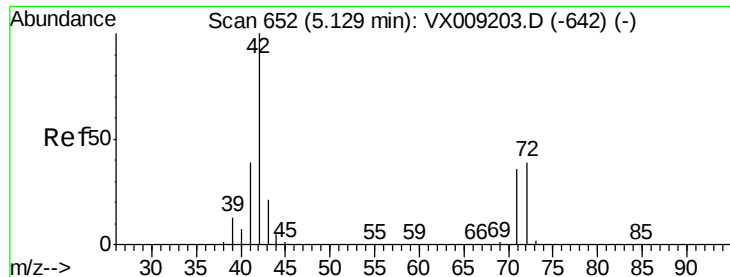


#28

Bromochloromethane
 Concen: 16.041 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion: 49 Resp: 25920
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 63.8 51.2 76.8





#29

Tetrahydrofuran

Concen: 102.914 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS02

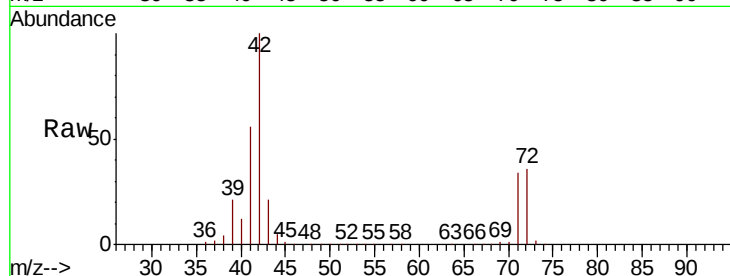
Tot Ion: 42 Resp: 125070

Ion Ratio Lower Upper

42 100

72 38.4 30.4 45.6

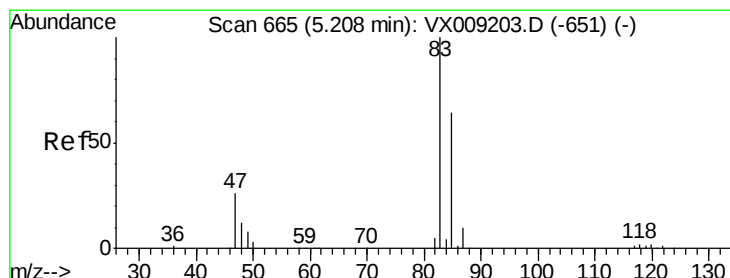
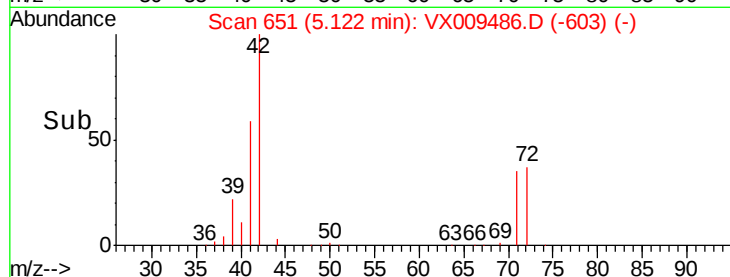
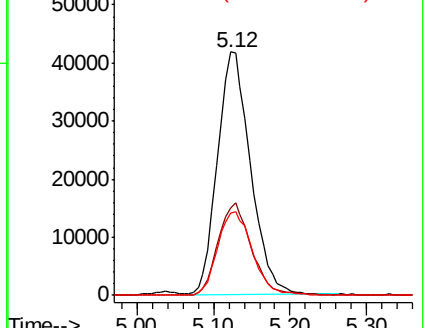
71 36.2 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.240 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009486.D

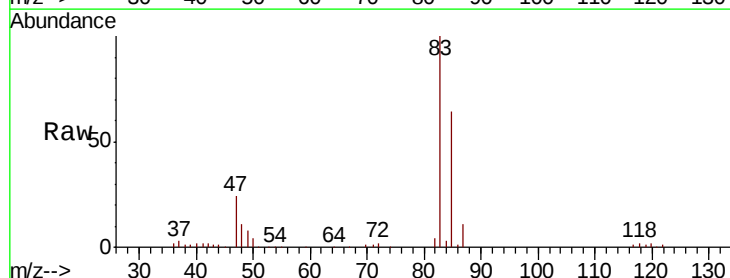
Acq: 10 May 2019 17:19

Tgt Ion: 83 Resp: 69093

Ion Ratio Lower Upper

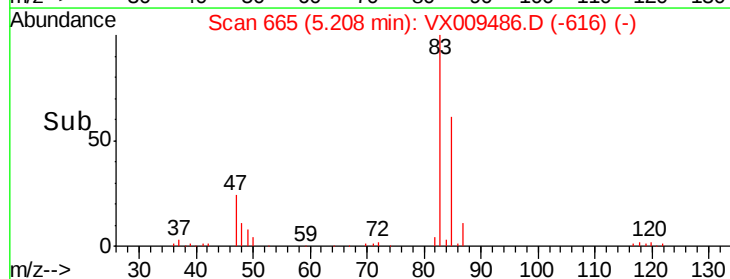
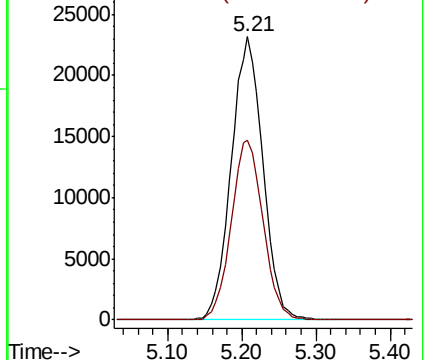
83 100

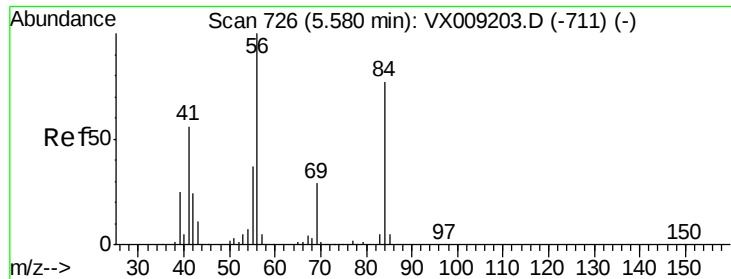
85 63.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

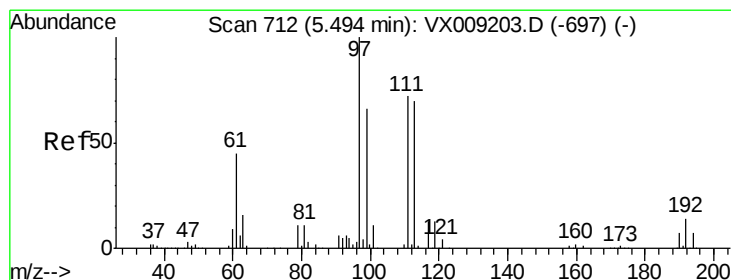
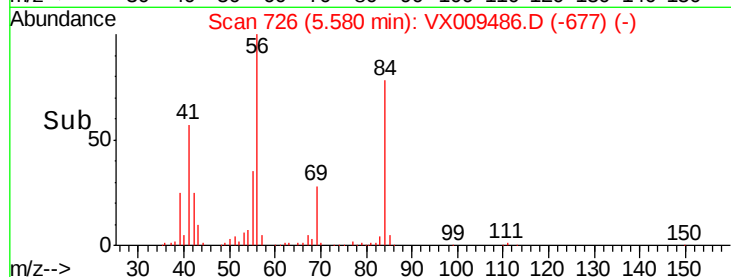
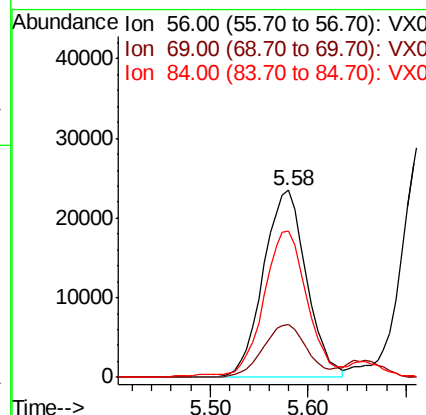
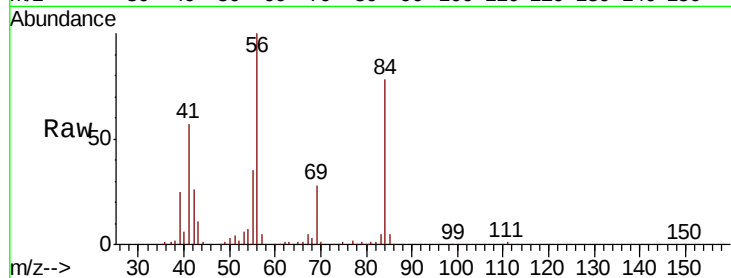




#31
Cyclohexane
Concen: 21.544 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

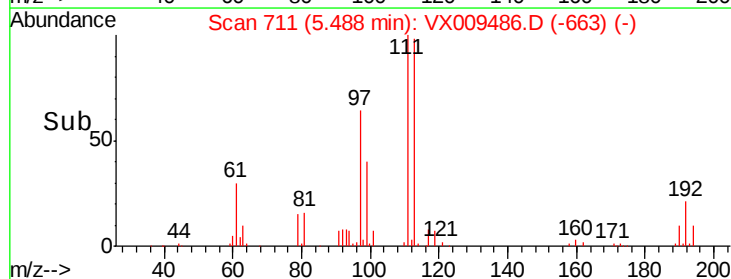
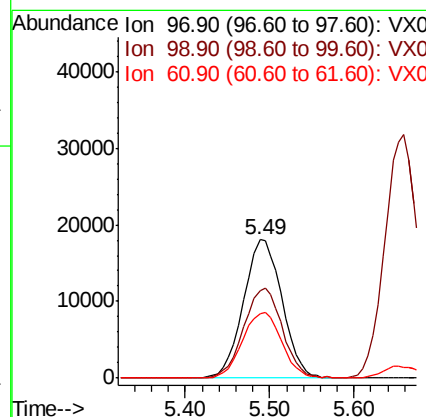
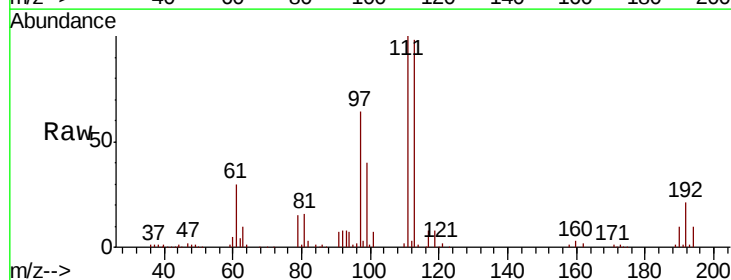
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

Tot Ion: 56 Resp: 72091
Ion Ratio Lower Upper
56 100
69 28.5 23.4 35.0
84 77.2 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 20.715 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion: 97 Resp: 56095
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 48.5 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 49.397 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

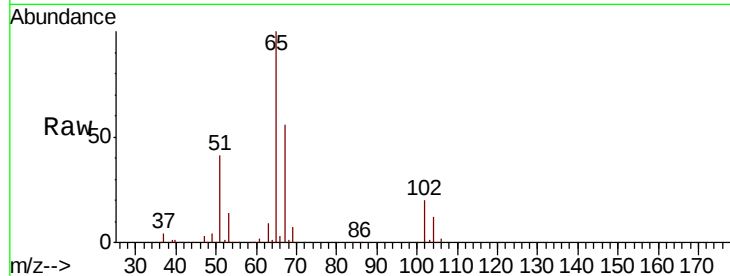
VX0510WBS02

Tot Ion: 65 Resp: 111802

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6

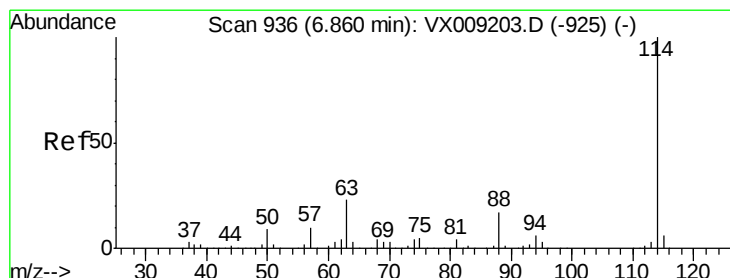
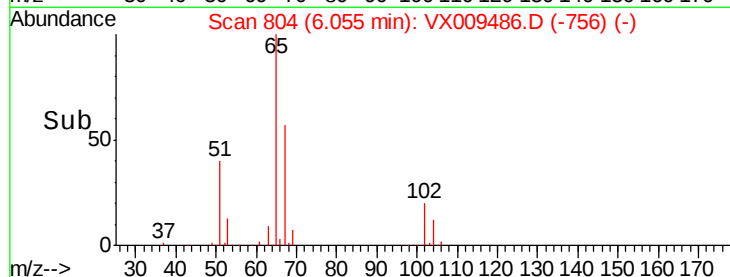


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

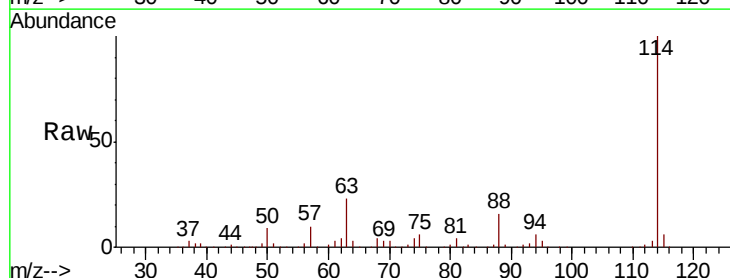
Tgt Ion: 114 Resp: 256909

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.2 0.0 33.2



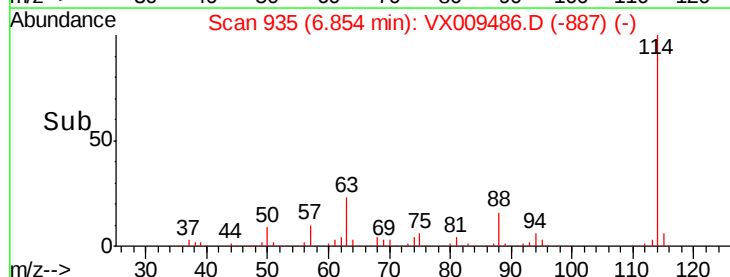
Abundance Ion 113.90 (113.60 to 114.60): V

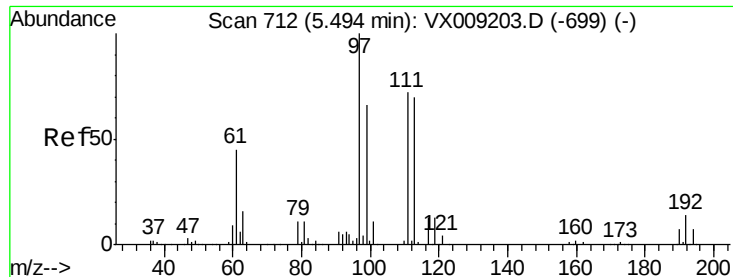
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time--> 6.70 6.80 6.90 7.00

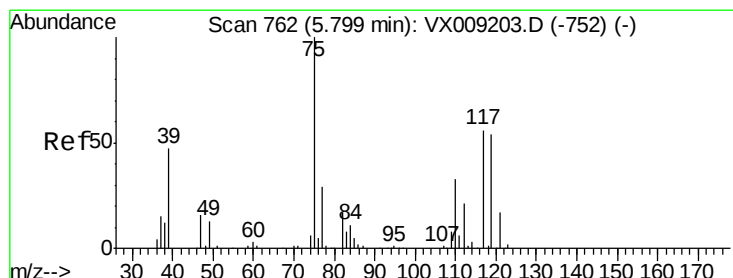
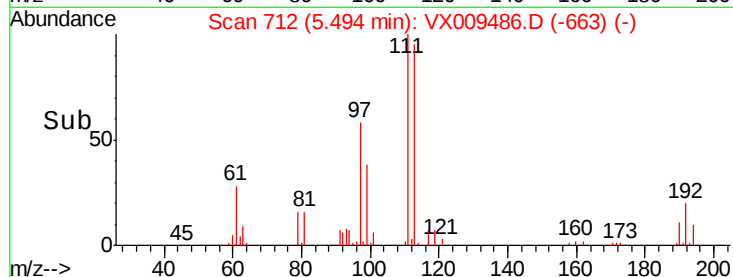
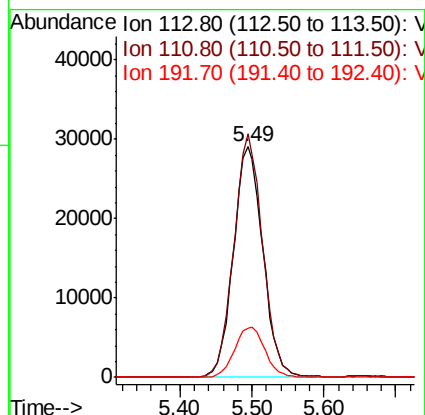
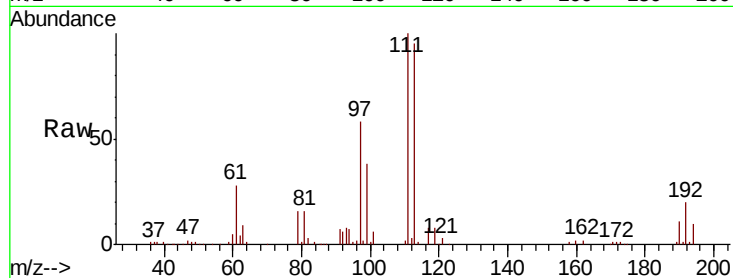




#35
 Dibromofluoromethane
 Concen: 51.277 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

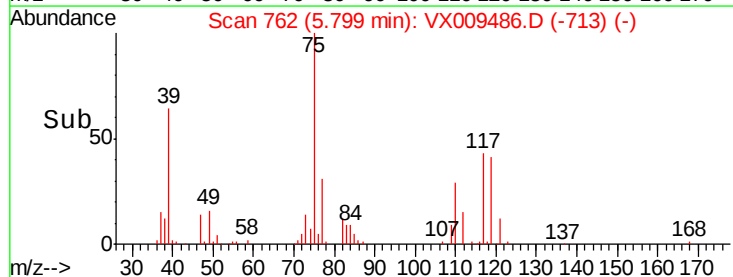
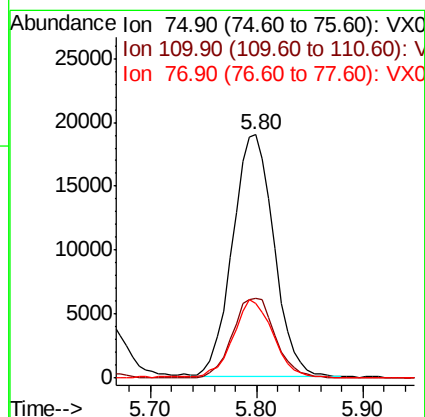
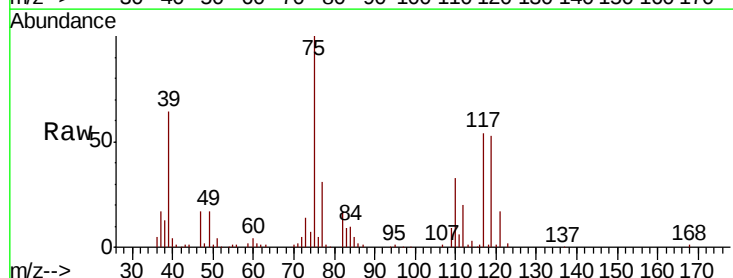
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

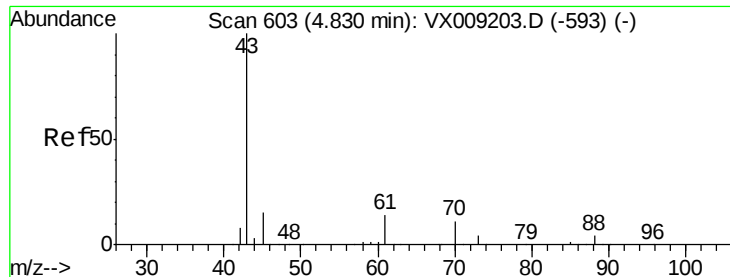
Tot Ion:113 Resp: 82814
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 22.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 21.717 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion: 75 Resp: 51850
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 31.5 24.8 37.2

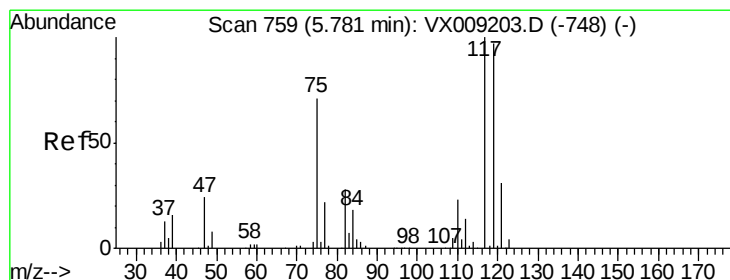
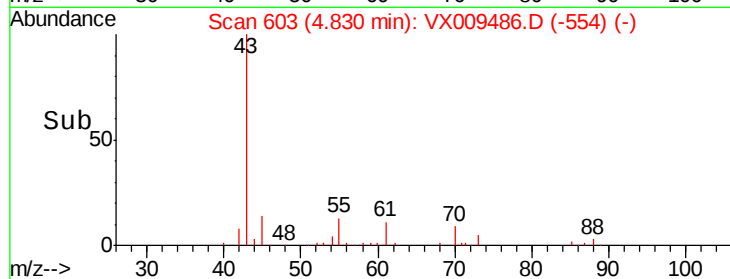
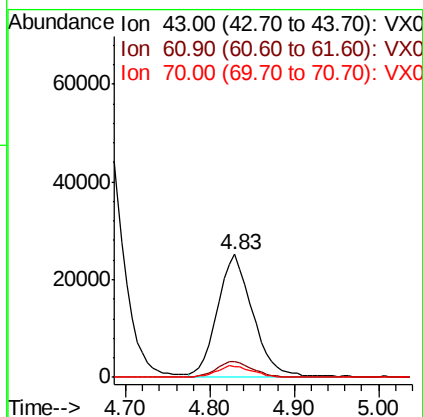
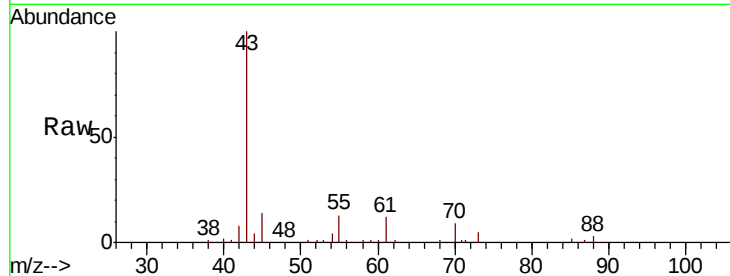




#37
Ethyl Acetate
Concen: 21.571 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

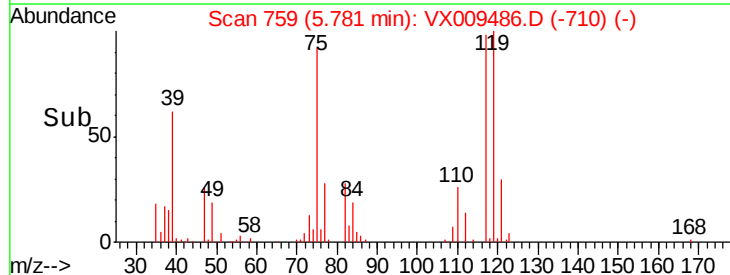
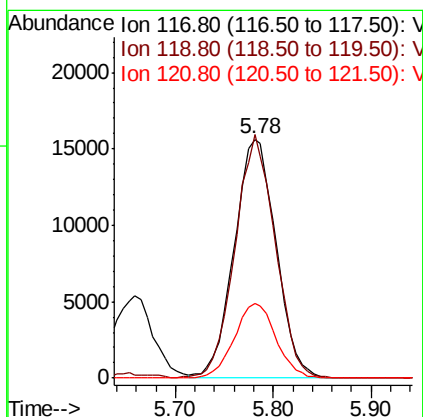
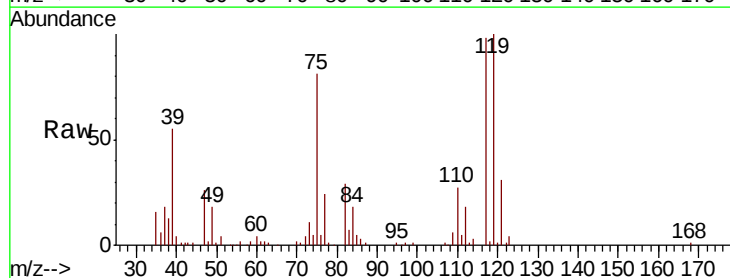
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

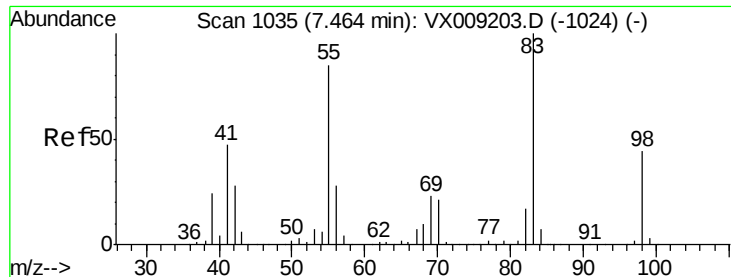
Tot Ion: 43 Resp: 71755
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 21.423 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion: 117 Resp: 46471
Ion Ratio Lower Upper
117 100
119 101.9 77.5 116.3
121 31.4 24.7 37.1

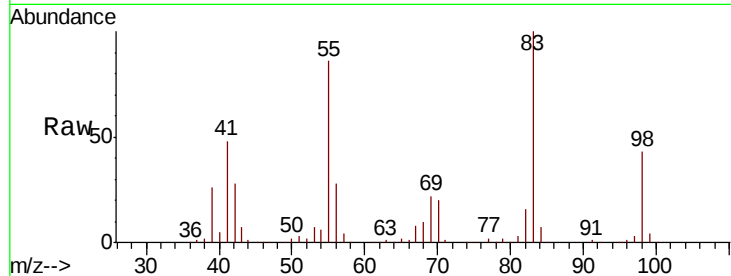




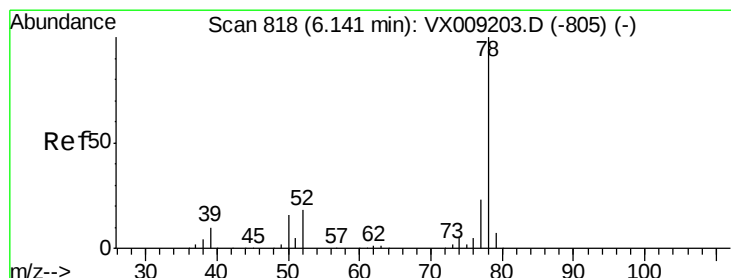
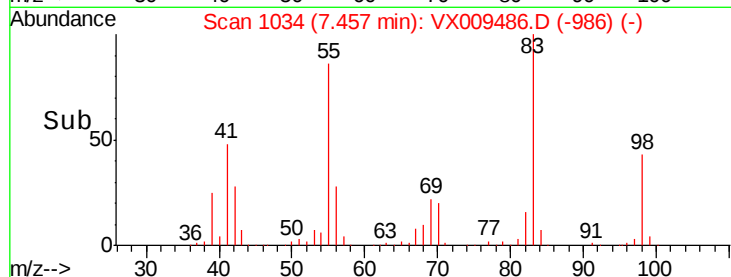
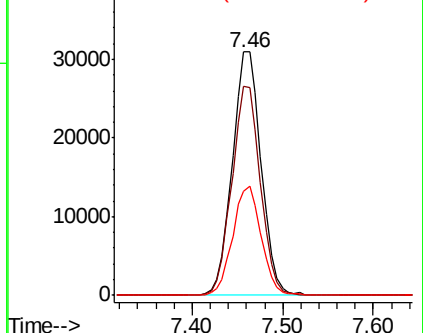
#39
Methvlcvclohexane
Concen: 23.267 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

Tot Ion: 83 Resp: 68219
Ion Ratio Lower Upper
83 100
55 85.7 67.7 101.5
98 42.8 35.5 53.3

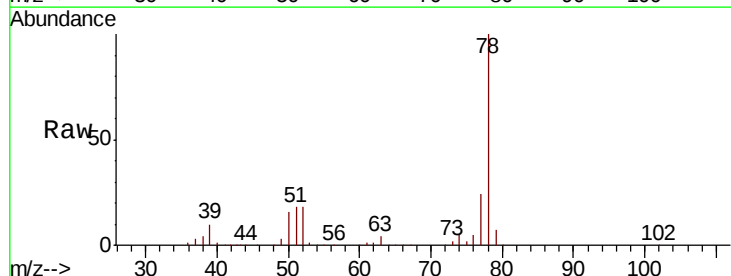


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

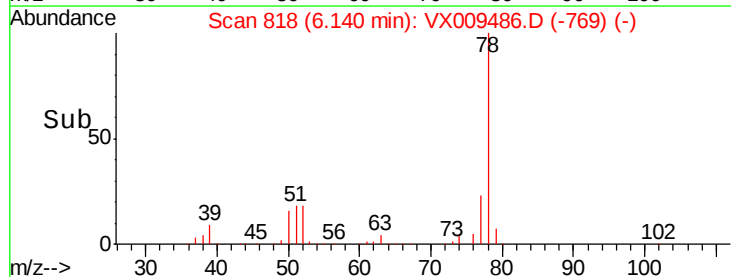
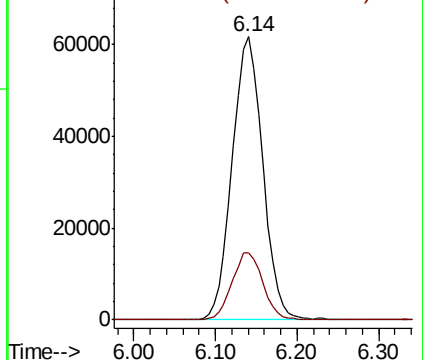


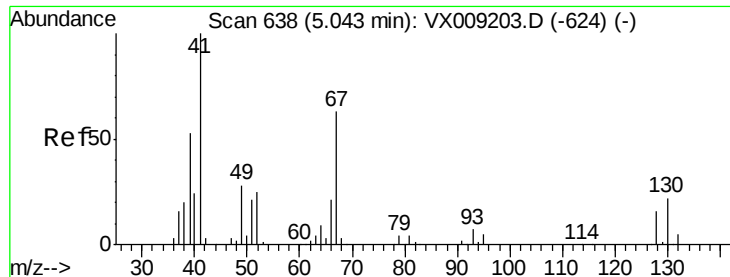
#40
Benzene
Concen: 21.687 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion: 78 Resp: 160244
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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





#41

Methacrylonitrile

Concen: 20.542 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS02

Tot Ion: 41 Resp: 40677

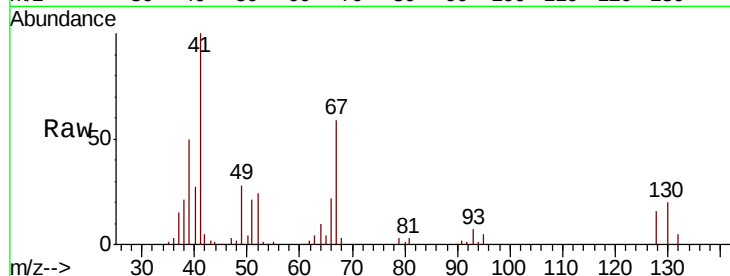
Ion Ratio Lower Upper

41 100

39 55.7 42.0 63.0

67 63.1 49.8 74.8

52 27.3 20.3 30.5

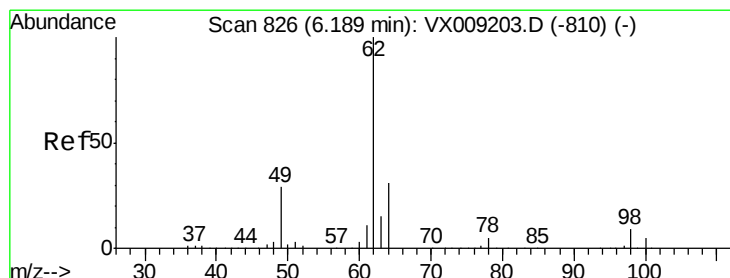
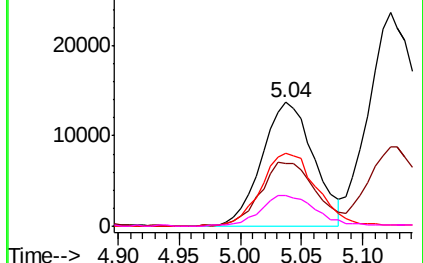
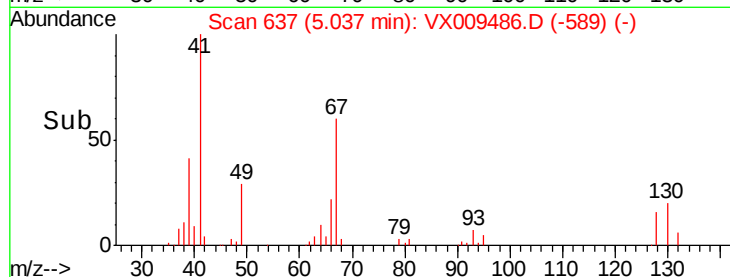


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.785 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009486.D

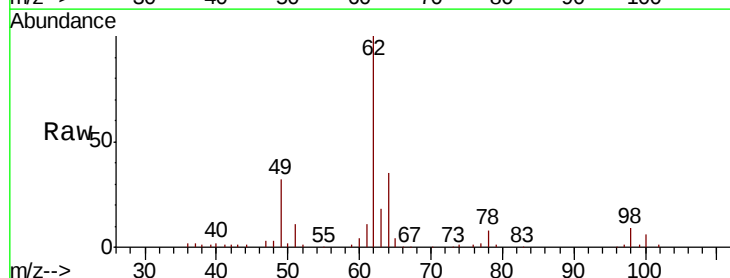
Acq: 10 May 2019 17:19

Tgt Ion: 62 Resp: 57742

Ion Ratio Lower Upper

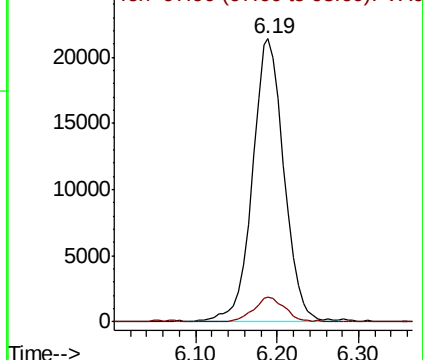
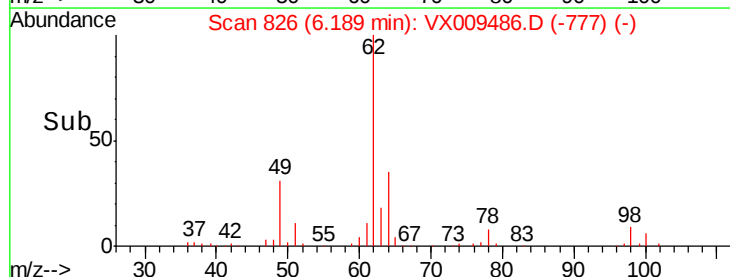
62 100

98 8.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



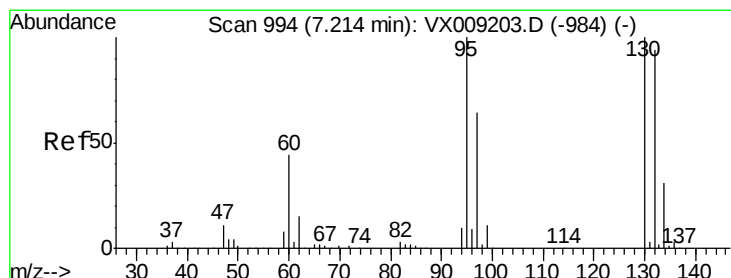
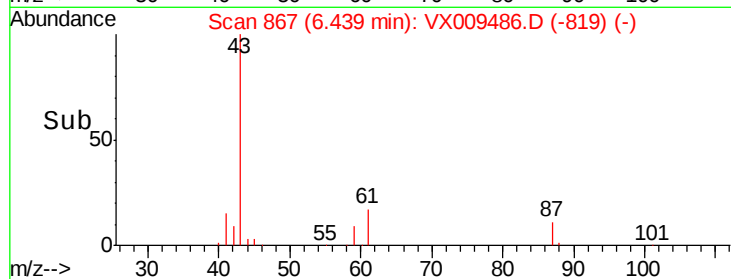
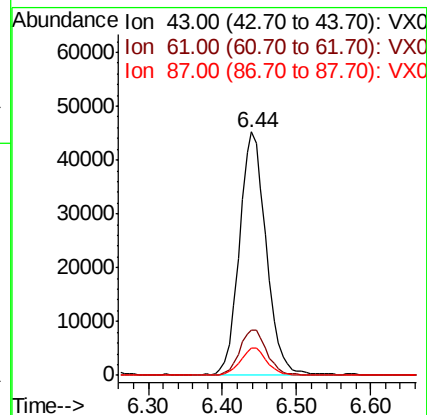
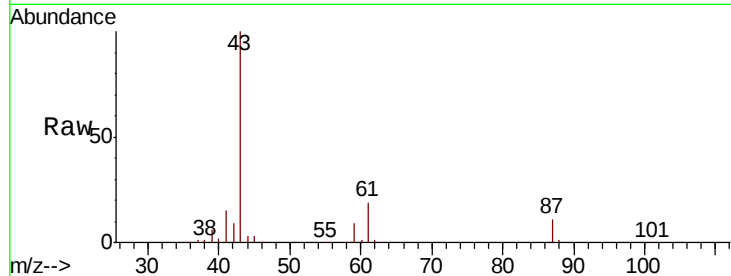


#43

Isopropyl Acetate
 Concen: 21.289 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

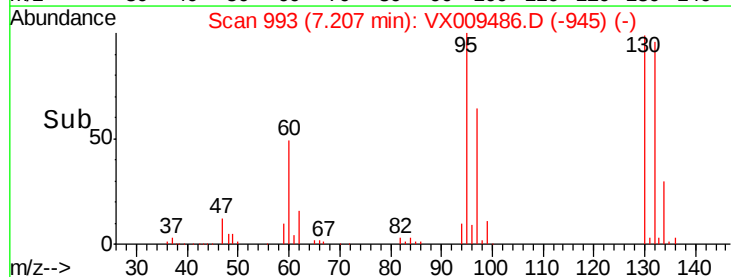
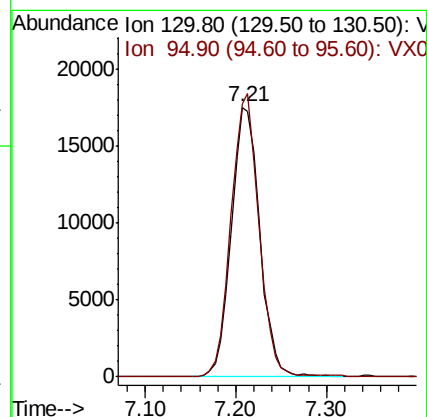
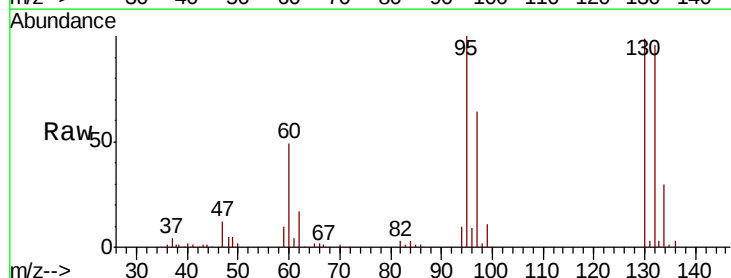
Tot Ion: 43 Resp: 113276
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.1 22.7
 87 11.1 9.0 13.6

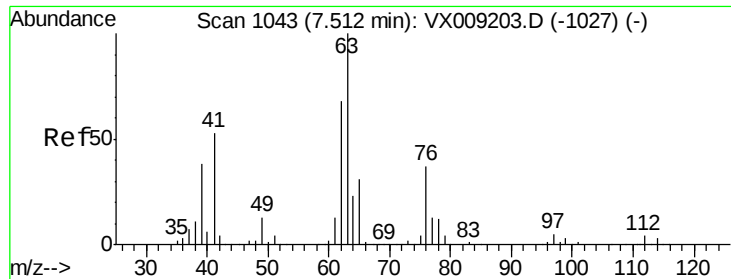


#44

Trichloroethene
 Concen: 21.416 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion:130 Resp: 38254
 Ion Ratio Lower Upper
 130 100
 95 101.0 0.0 199.2





#45

1,2-Dichloropropane

Concen: 21.790 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

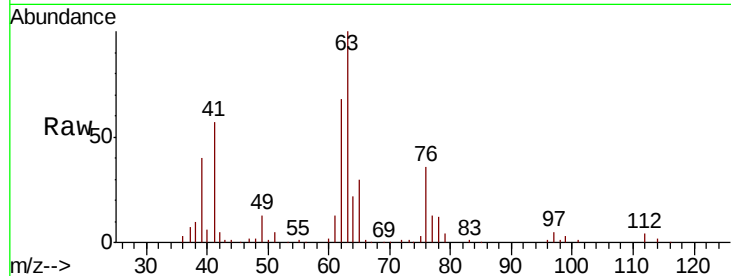
VX0510WBS02

Tot Ion: 63 Resp: 45590

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

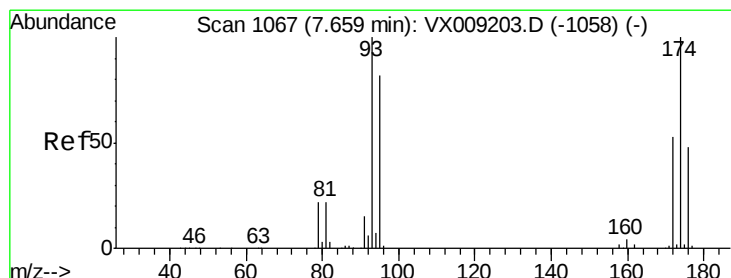
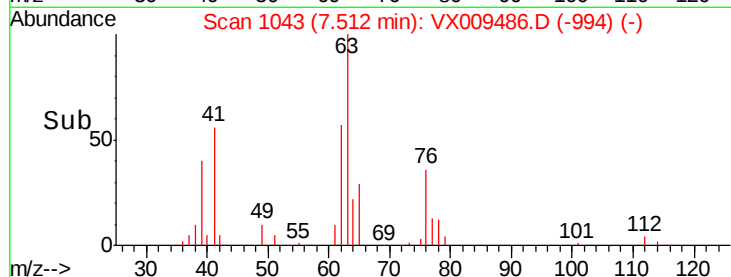
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 21.407 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

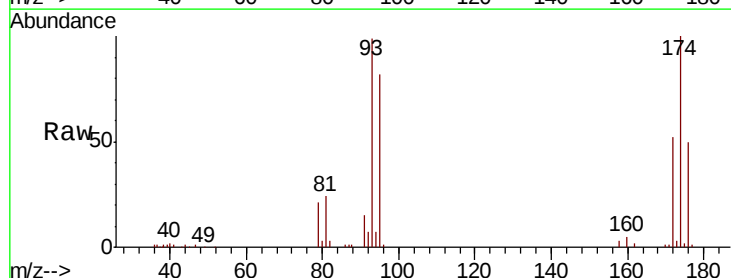
Tgt Ion: 93 Resp: 26009

Ion Ratio Lower Upper

93 100

95 83.9 66.5 99.7

174 102.5 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

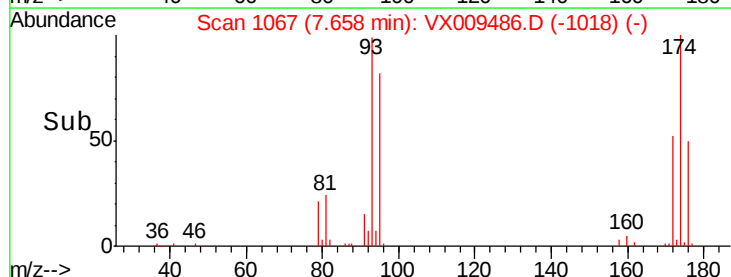
10000

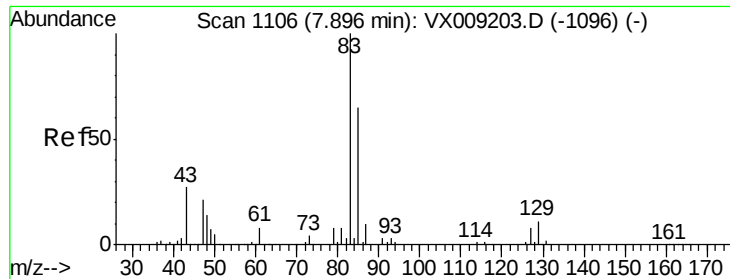
5000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 21.140 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

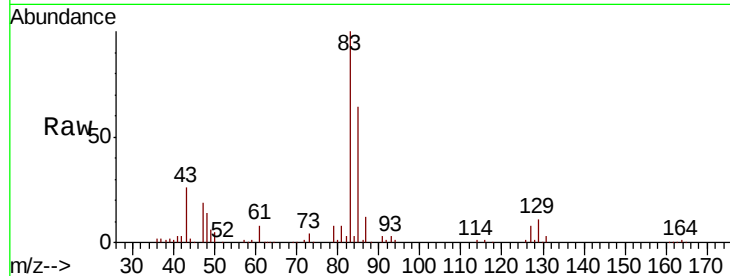
Tot Ion: 83 Resp: 51234

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

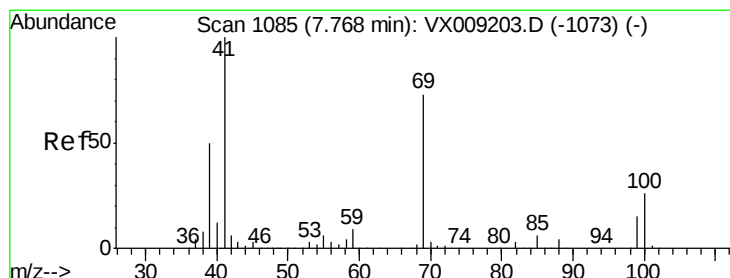
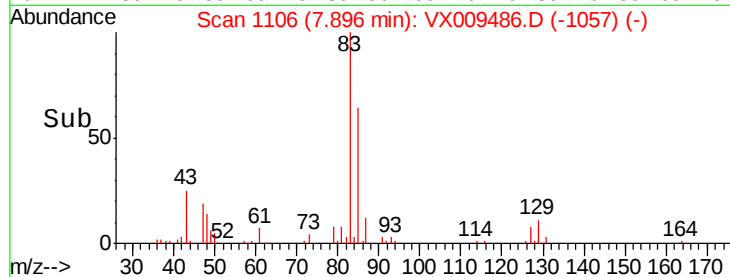
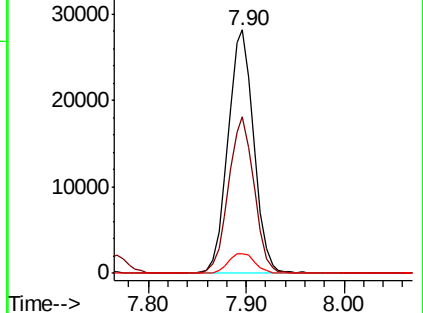
127 8.3 6.6 10.0



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: 21.736 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

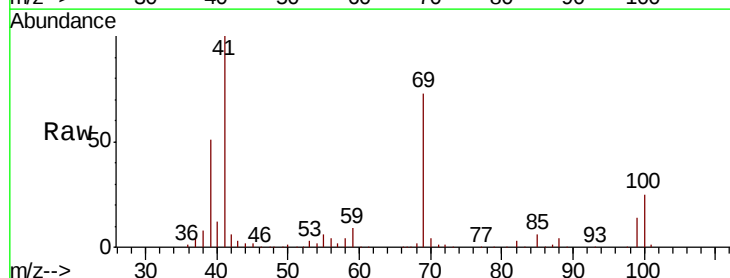
Tgt Ion: 41 Resp: 57378

Ion Ratio Lower Upper

41 100

69 71.9 59.1 88.7

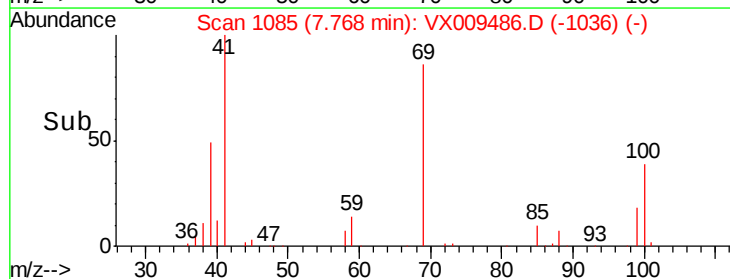
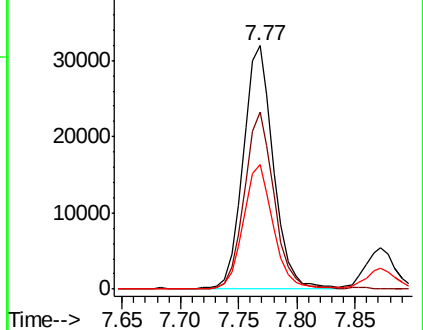
39 51.4 40.4 60.6

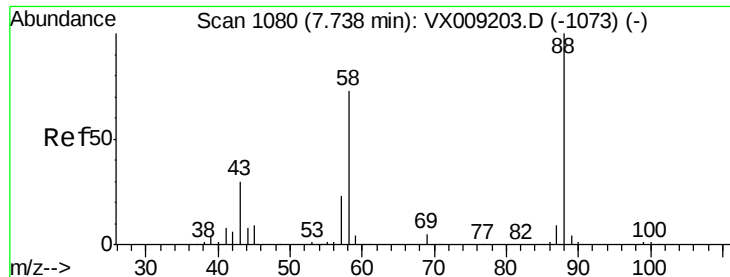


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

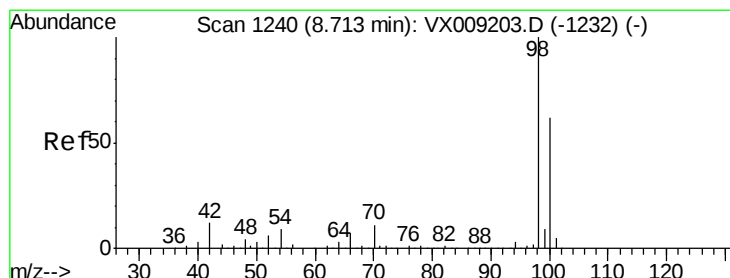
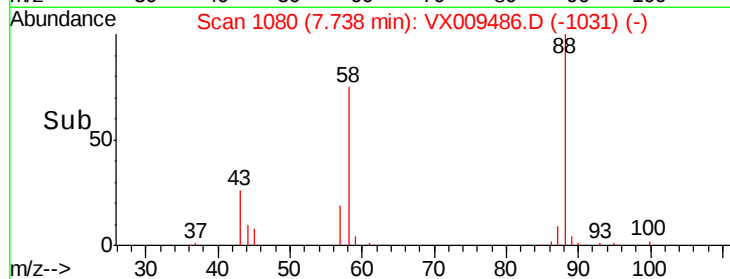
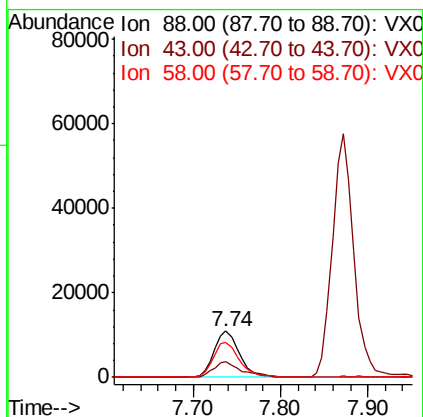
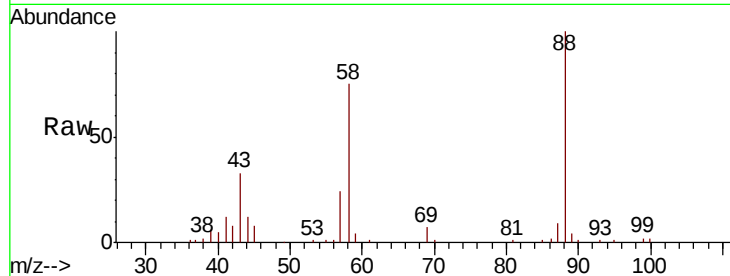




#49
 1,4-Dioxane
 Concen: 414.232 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

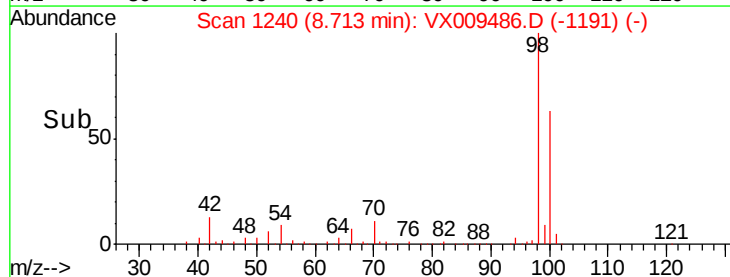
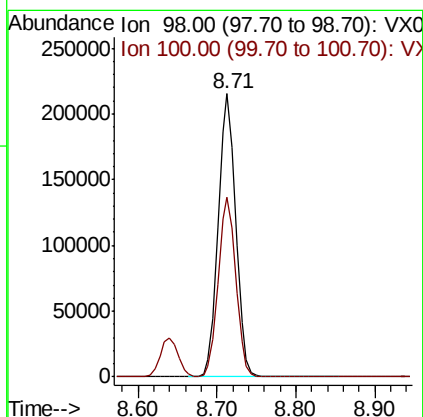
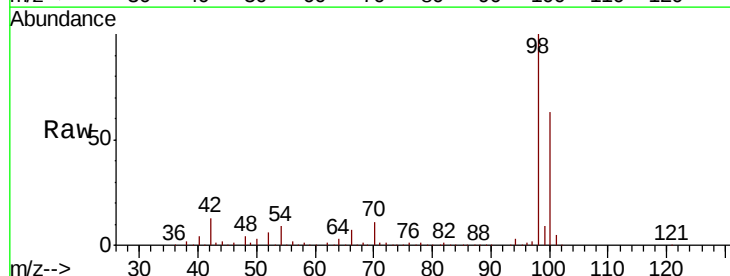
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

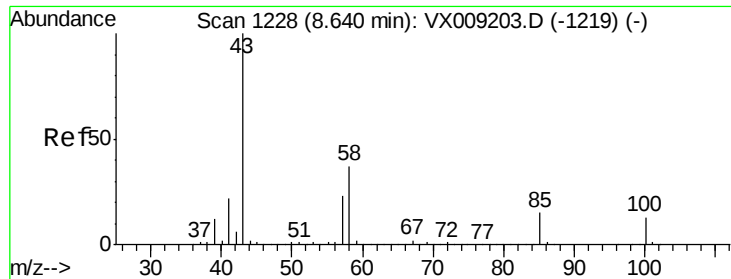
Tot Ion: 88 Resp: 22176
 Ion Ratio Lower Upper
 88 100
 43 36.2 28.6 42.8
 58 78.5 61.7 92.5



#50
 Toluene-d8
 Concen: 51.131 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion: 98 Resp: 333388
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 106.874 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

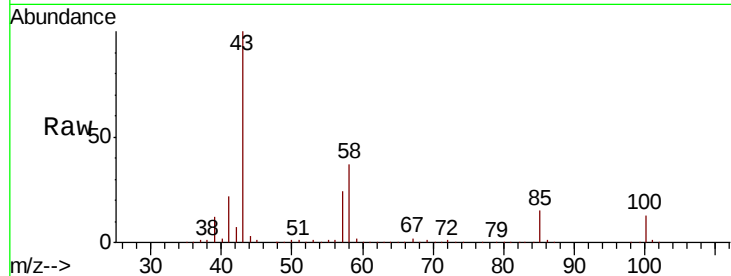
VX0510WBS02

Tot Ion: 43 Resp: 371691

Ion Ratio Lower Upper

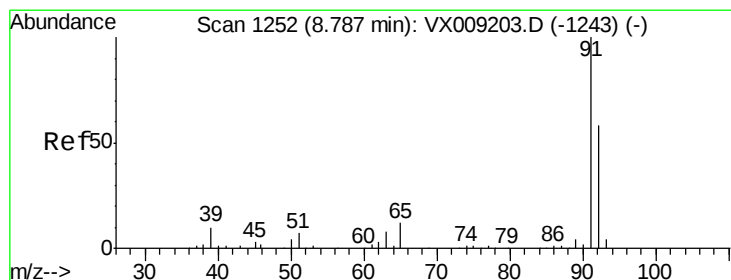
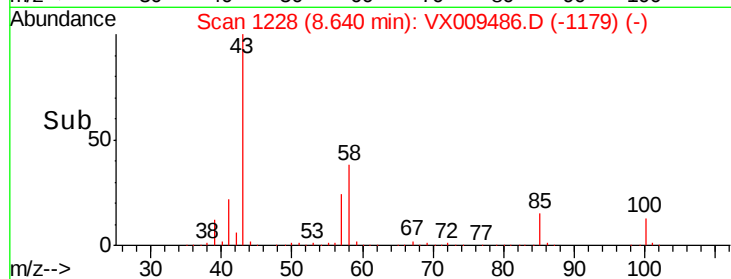
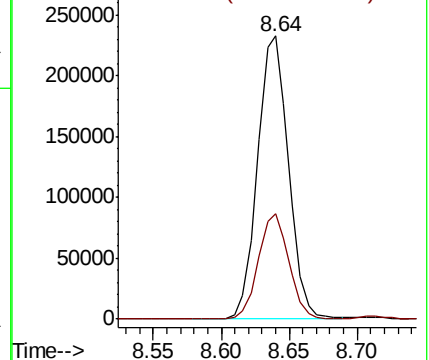
43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.804 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009486.D

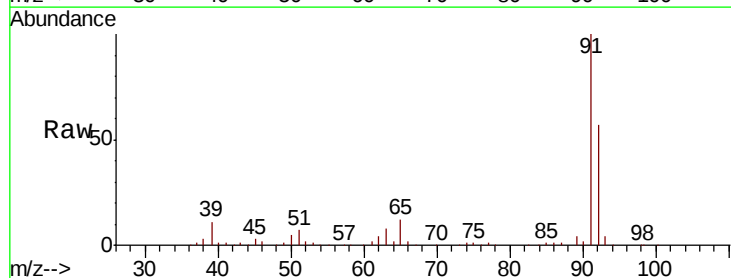
Acq: 10 May 2019 17:19

Tgt Ion: 92 Resp: 97932

Ion Ratio Lower Upper

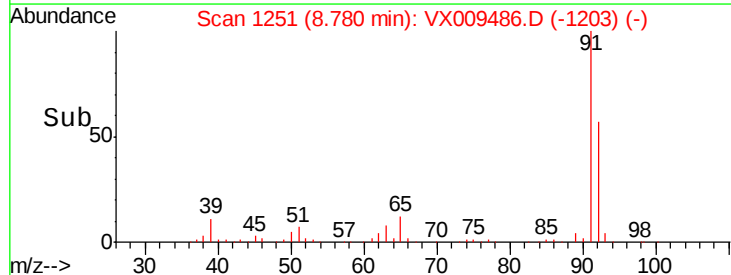
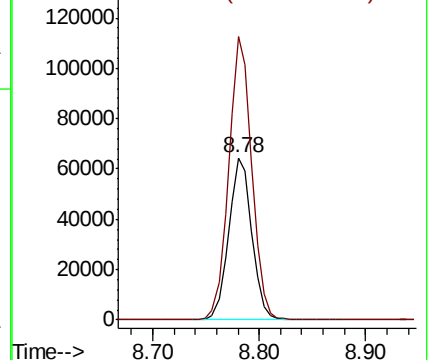
92 100

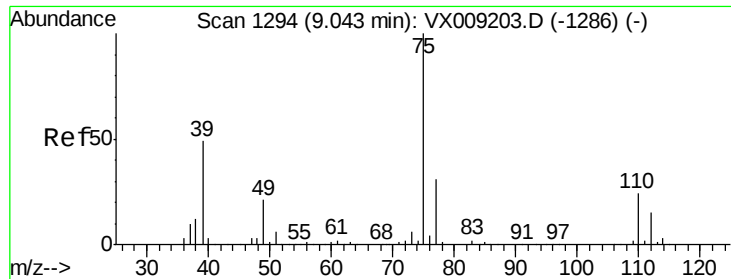
91 174.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

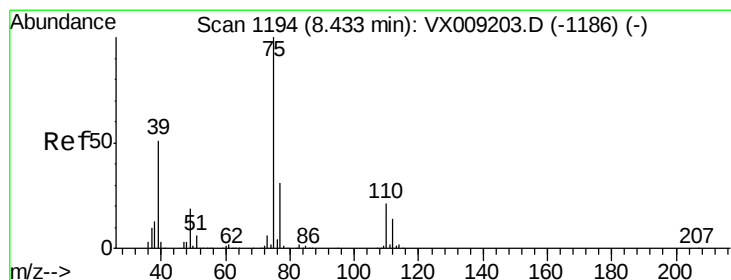
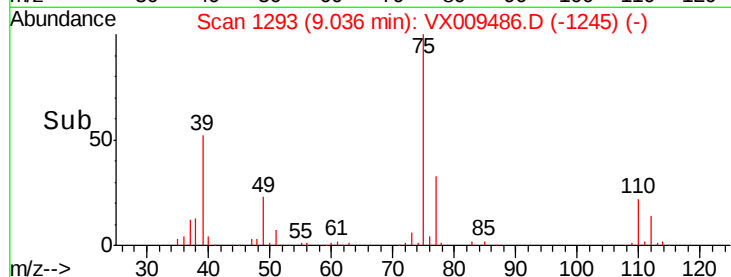
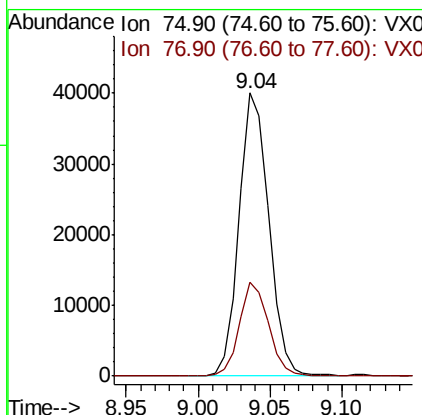
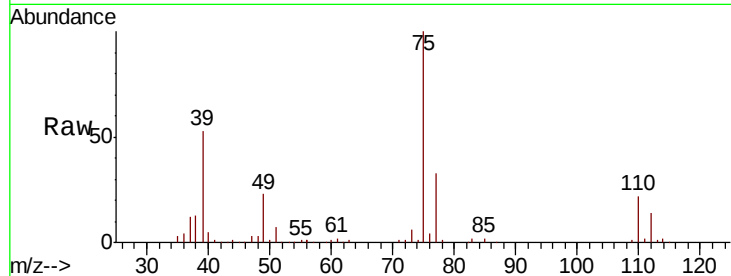




#53
 t-1,3-Dichloropropene
 Concen: 21.053 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

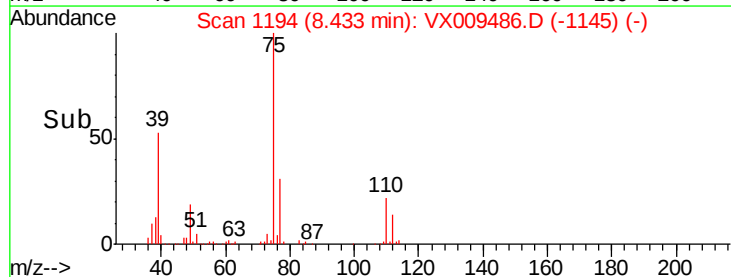
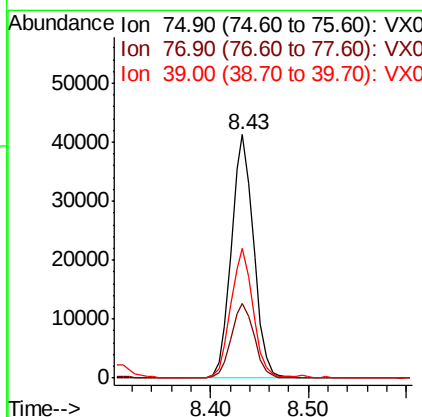
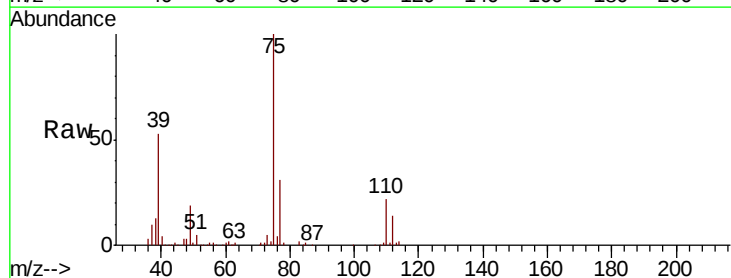
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

Tot Ion: 75 Resp: 57605
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.558 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion: 75 Resp: 65289
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 53.0 40.6 60.8

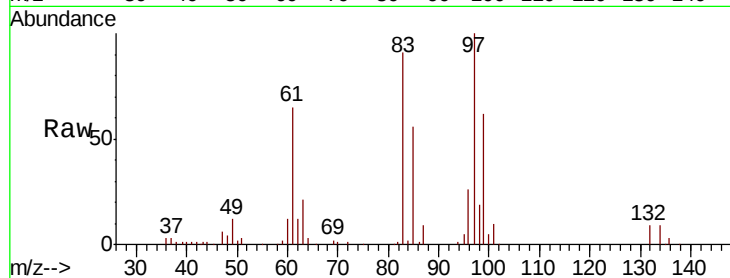




#55
 1,1,2-Trichloroethane
 Concen: 21.428 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

Tot Ion:	97	Resp:	39264
Ion	Ratio	Lower	Upper
97	100		
83	91.2	68.9	103.3
85	55.7	43.8	65.6
99	61.9	48.2	72.2



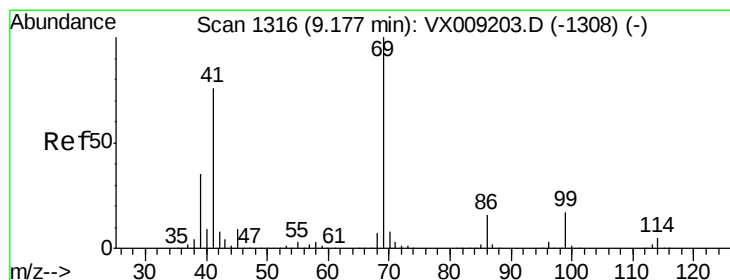
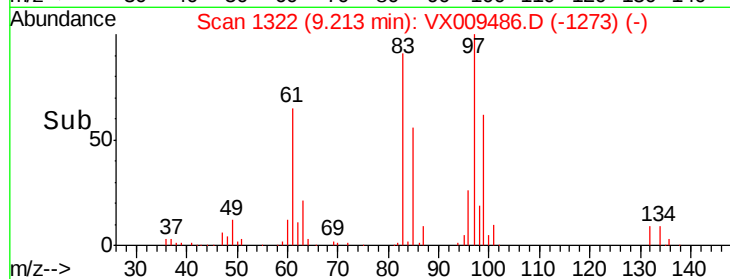
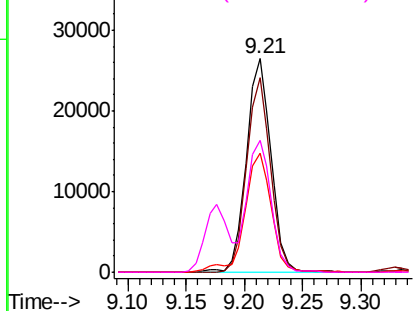
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

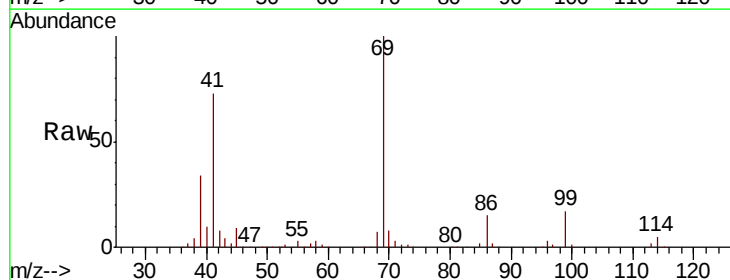
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 21.390 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion:	69	Resp:	69966
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.6	90.8
39	36.3	28.2	42.4

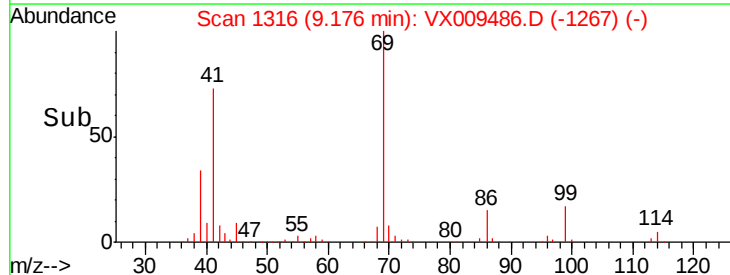
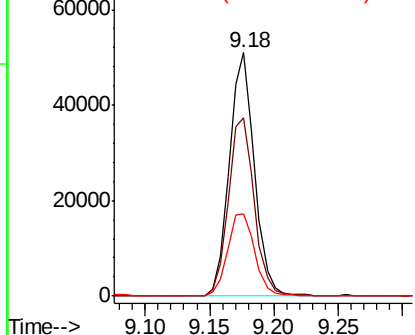


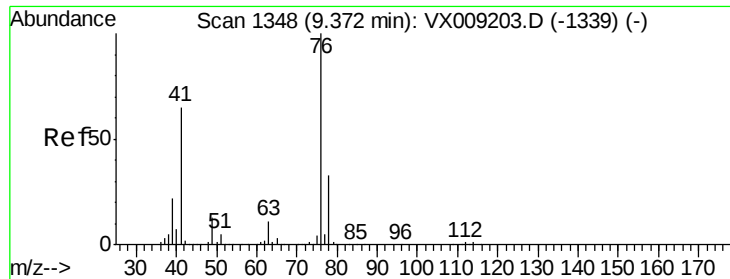
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.463 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

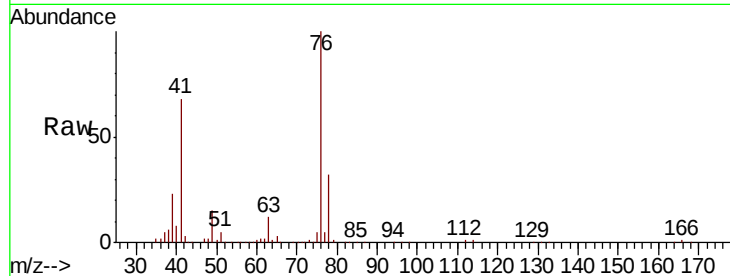
VX0510WBS02

Tot Ion: 76 Resp: 69209

Ion Ratio Lower Upper

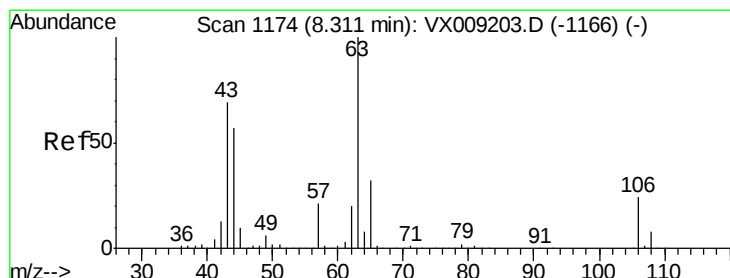
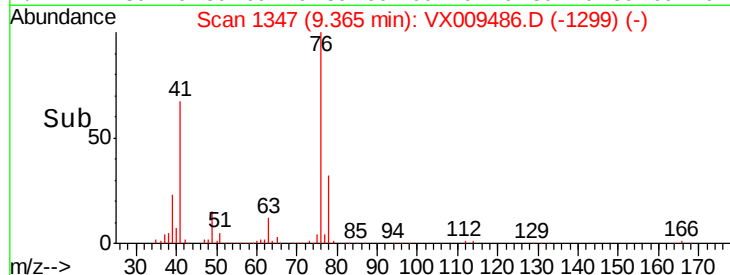
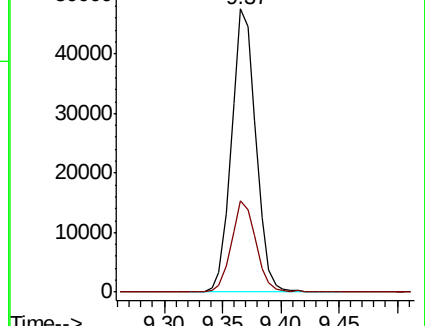
76 100

78 32.5 25.5 38.3



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: 96.037 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009486.D

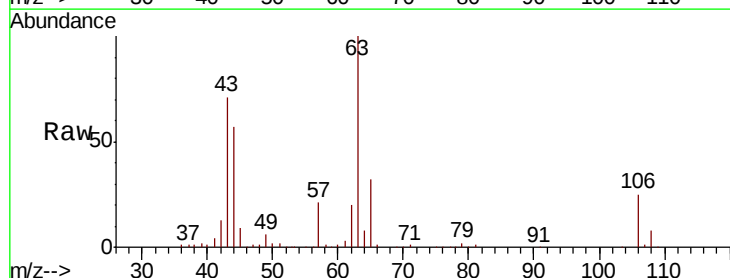
Acq: 10 May 2019 17:19

Tgt Ion: 63 Resp: 166645

Ion Ratio Lower Upper

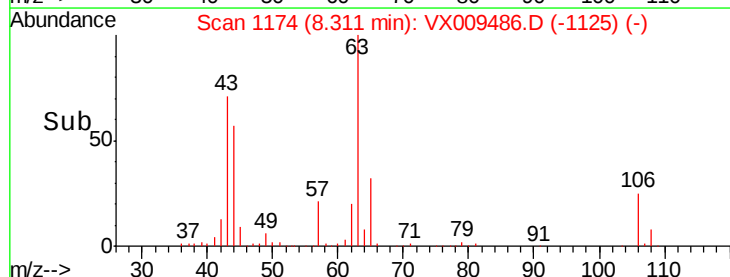
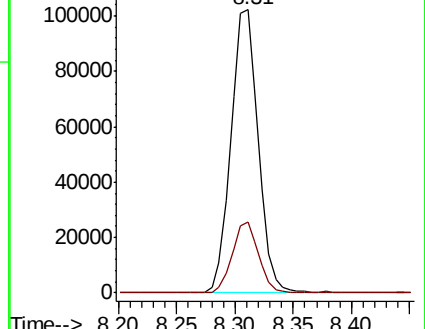
63 100

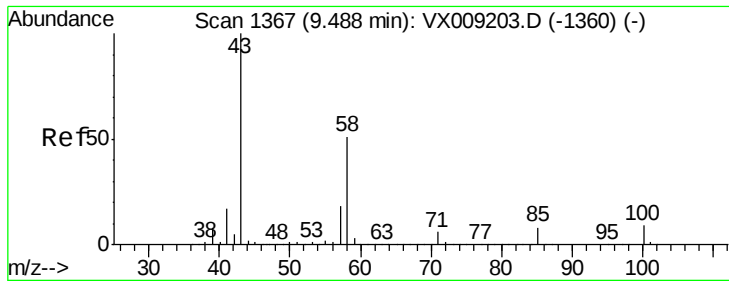
106 24.3 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

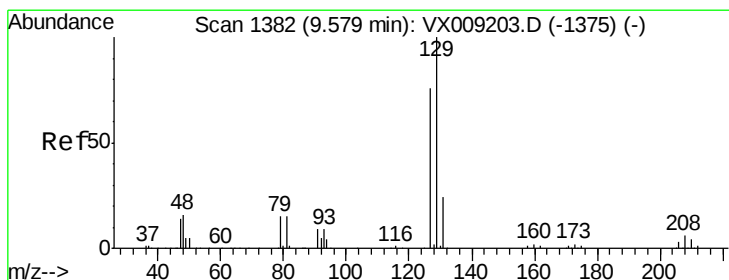
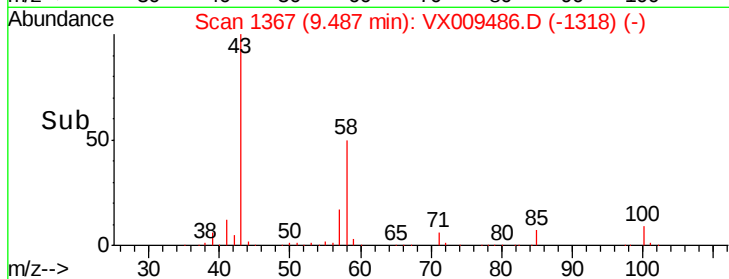
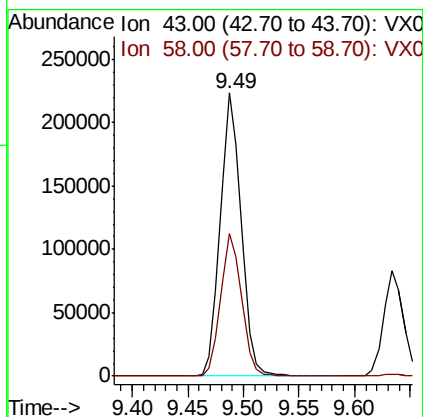
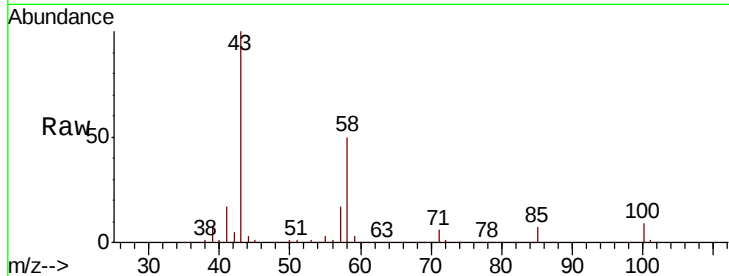




#59
2-Hexanone
Concen: 106.975 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

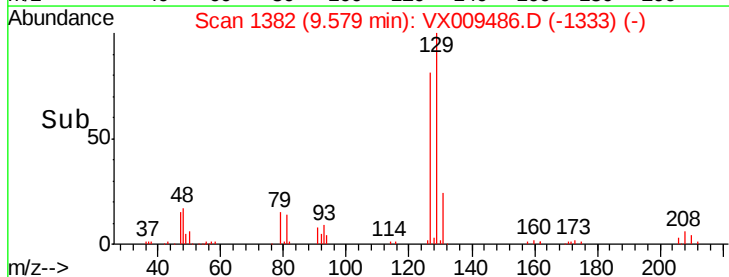
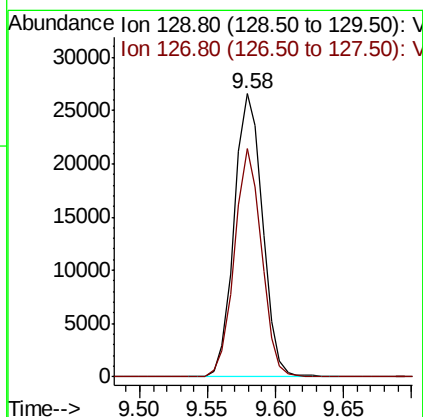
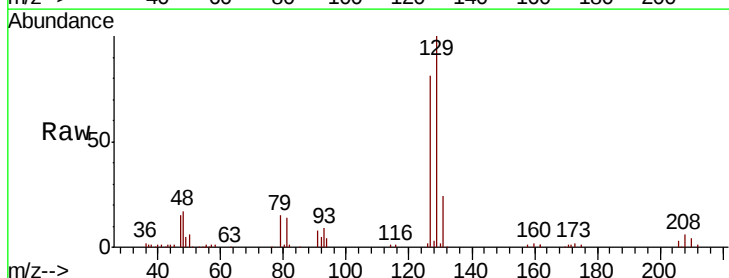
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

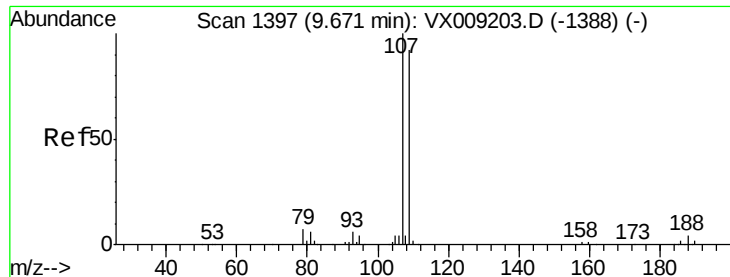
Tot Ion: 43 Resp: 292196
Ion Ratio Lower Upper
43 100
58 50.3 25.9 77.7



#60
Dibromochloromethane
Concen: 21.535 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion: 129 Resp: 38541
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.684 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

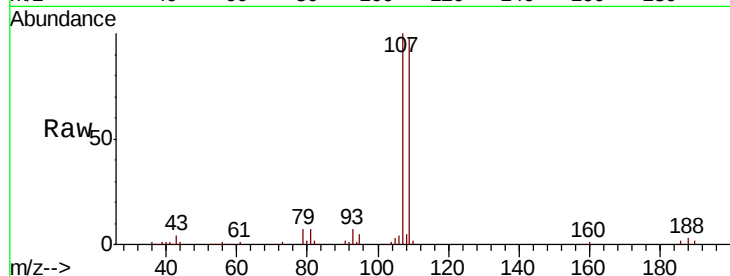
VX0510WBS02

Tot Ion:107 Resp: 40109

Ion Ratio Lower Upper

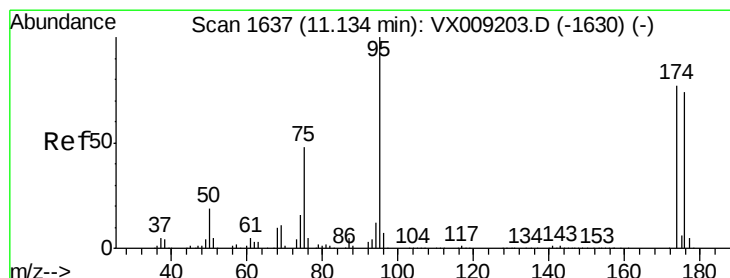
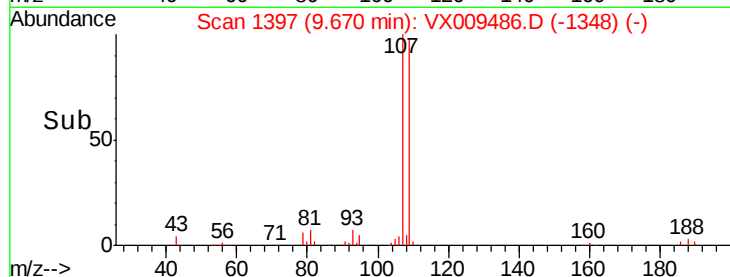
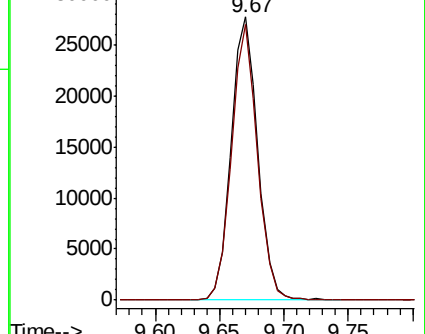
107 100

109 94.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.113 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

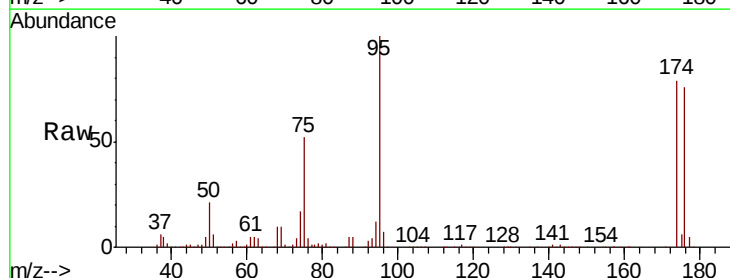
Tgt Ion: 95 Resp: 121099

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

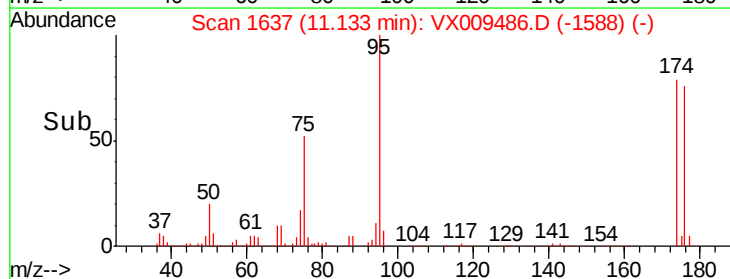
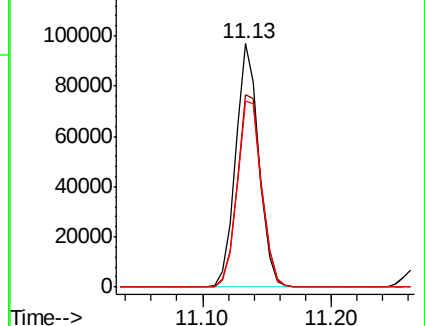
176 80.3 0.0 159.2



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

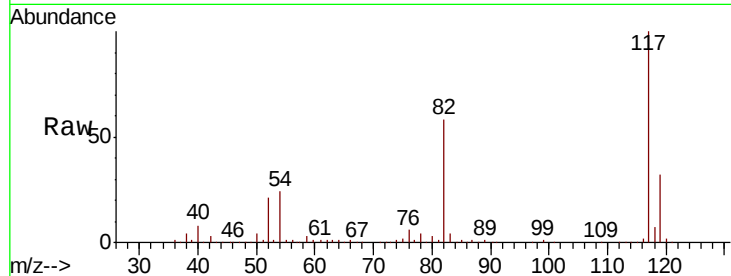




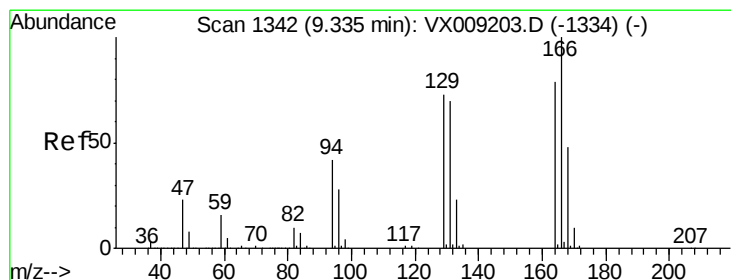
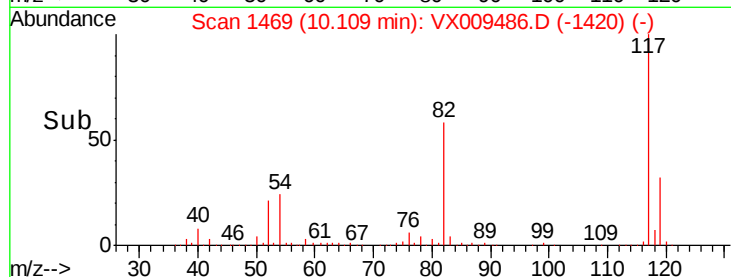
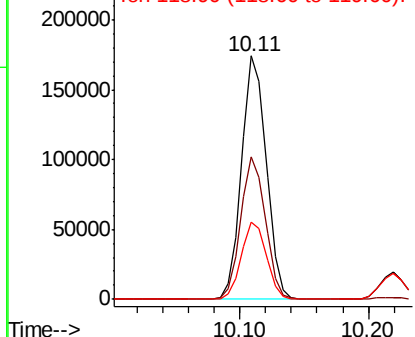
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

Tot Ion:117 Resp: 230966
Ion Ratio Lower Upper
117 100
82 58.4 48.8 73.2
119 32.0 25.8 38.6

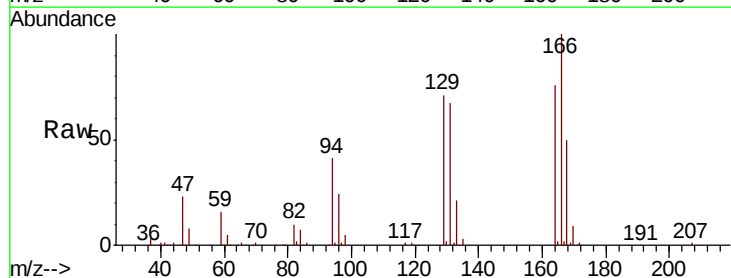


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

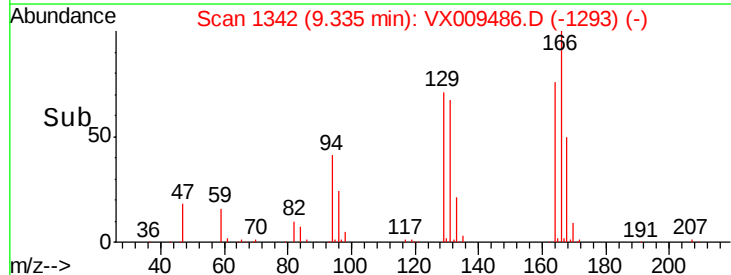
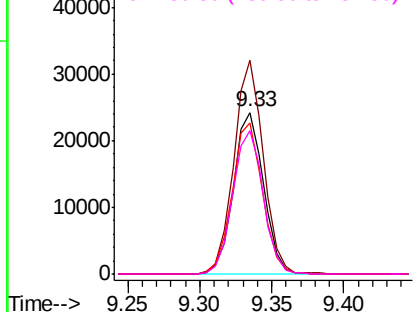


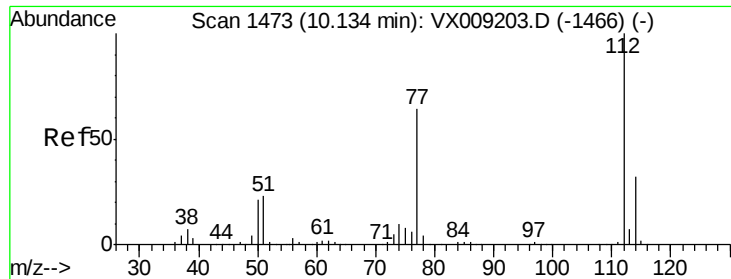
#64
Tetrachloroethene
Concen: 22.343 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion:164 Resp: 35399
Ion Ratio Lower Upper
164 100
166 132.0 101.2 151.8
129 93.2 74.3 111.5
131 88.3 71.0 106.6



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

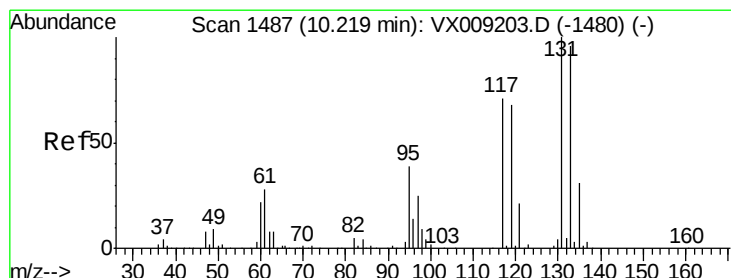
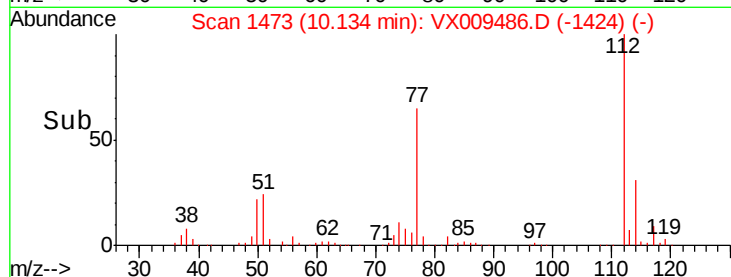
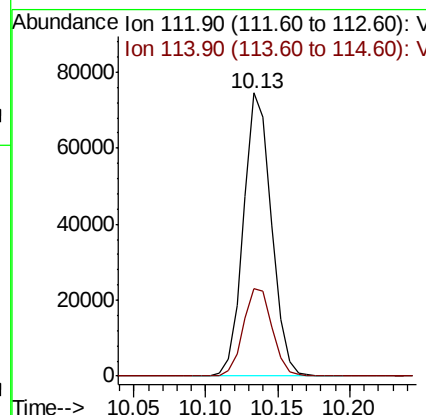
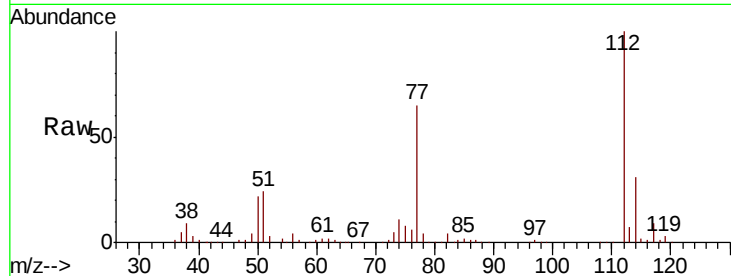




#65
Chlorobenzene
Concen: 21.707 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

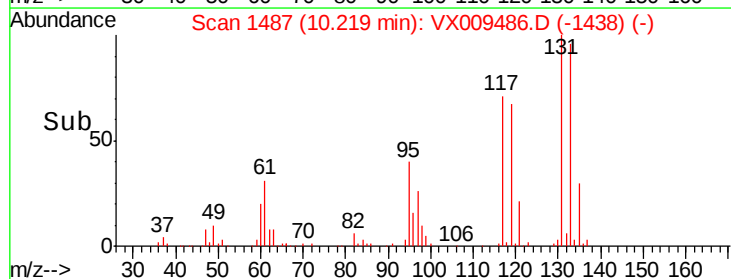
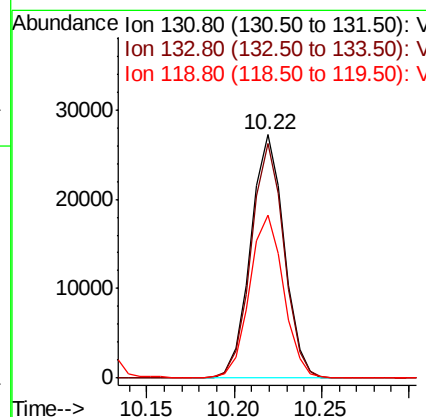
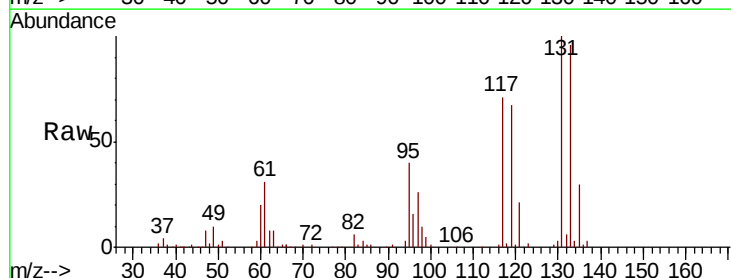
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

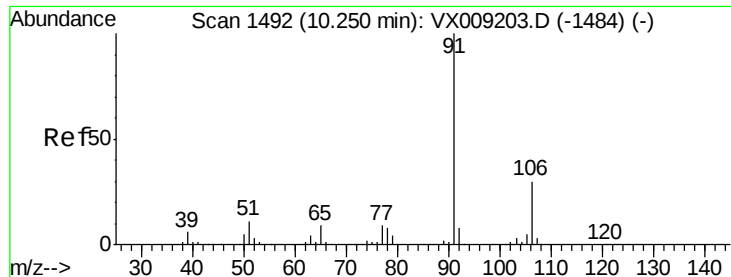
Tot Ion:112 Resp: 100293
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.652 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion:131 Resp: 36269
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 68.0 33.5 100.4





#67

Ethyl Benzene

Concen: 22.096 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

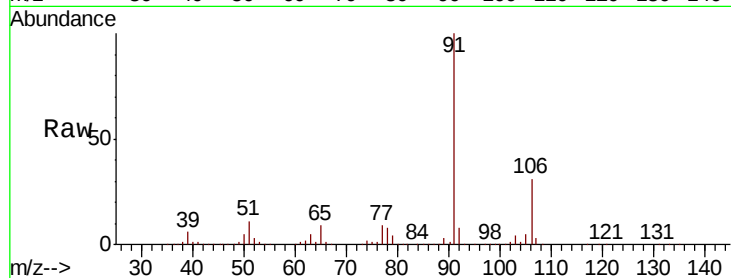
VX0510WBS02

Tot Ion: 91 Resp: 187887

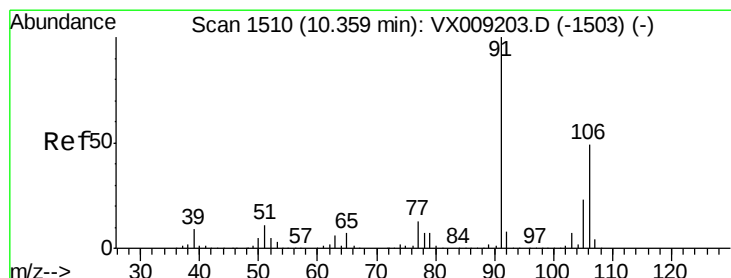
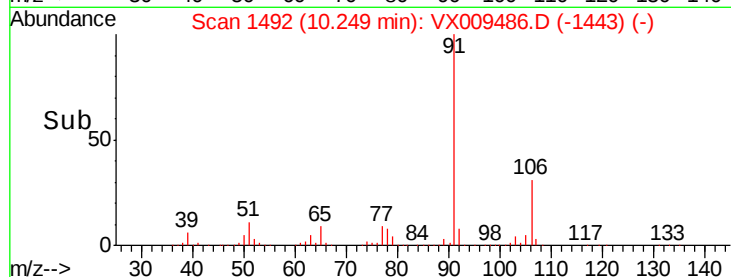
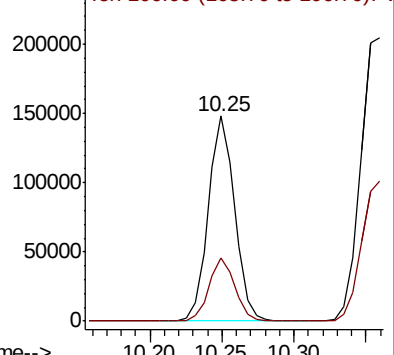
Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)



#68

m/p-Xylenes

Concen: 44.888 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009486.D

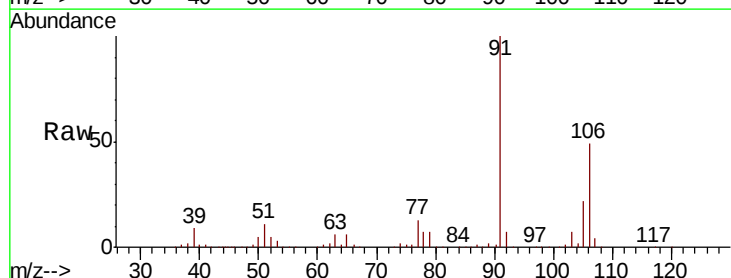
Acq: 10 May 2019 17:19

Tgt Ion: 106 Resp: 139481

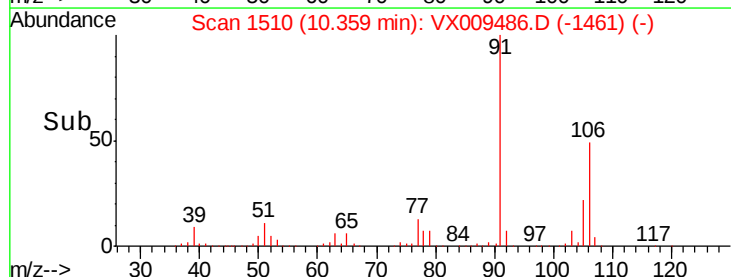
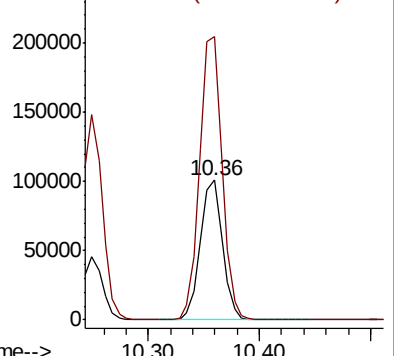
Ion Ratio Lower Upper

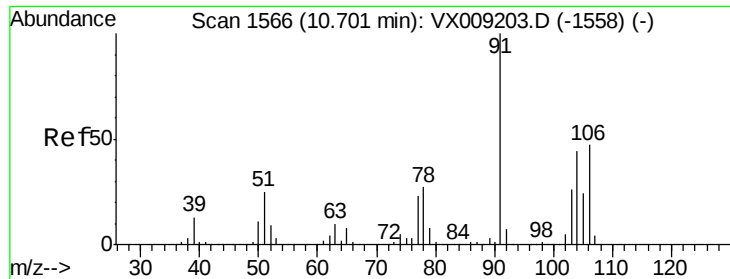
106 100

91 205.6 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

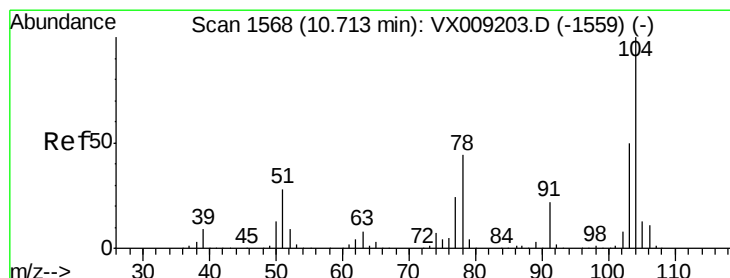
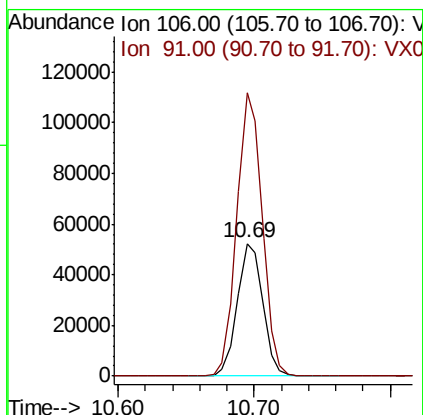
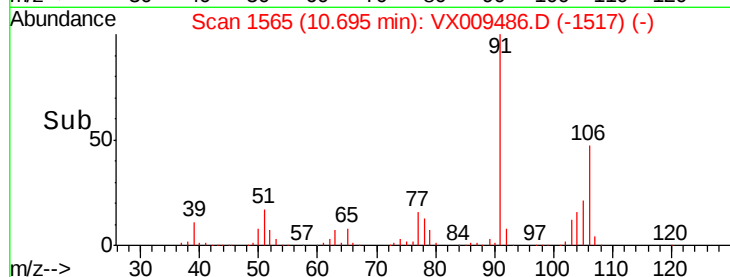
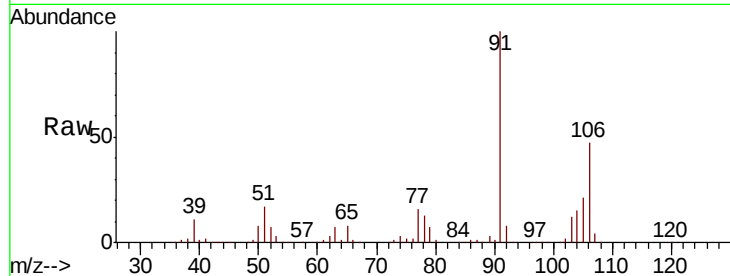




#69
o-Xylene
Concen: 22.308 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

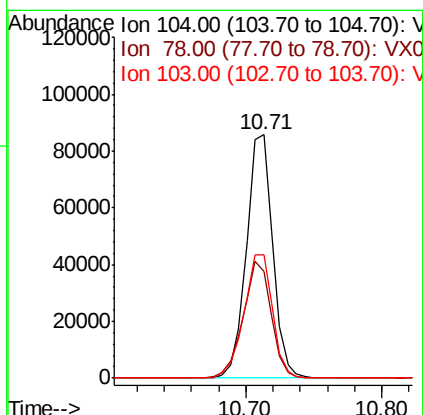
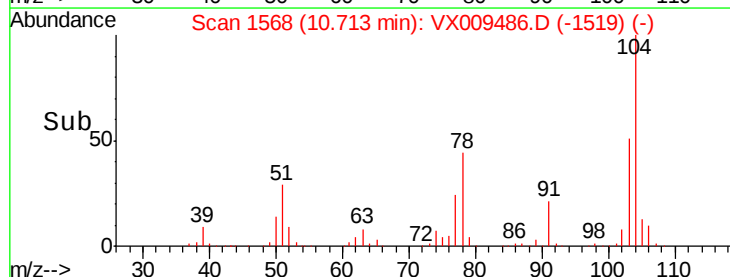
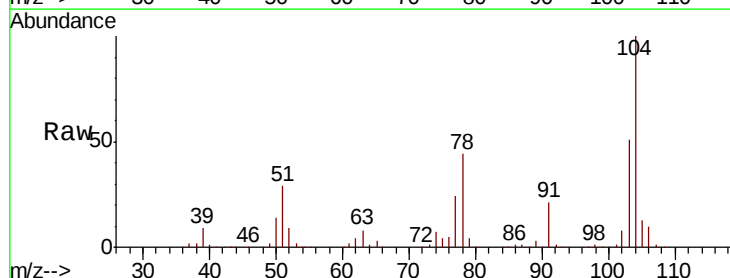
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

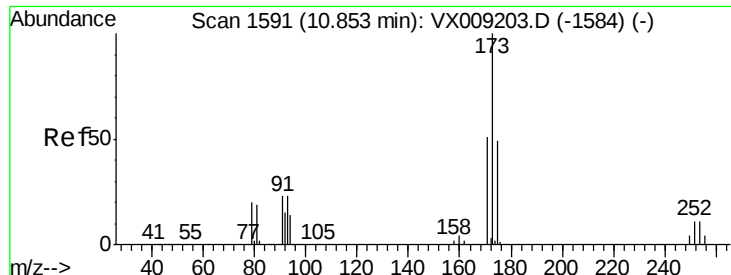
Tot Ion:106 Resp: 68392
Ion Ratio Lower Upper
106 100
91 213.1 109.5 328.4



#70
Styrene
Concen: 21.860 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion:104 Resp: 116486
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 55.4 43.8 65.6





#71

Bromoform

Concen: 20.694 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

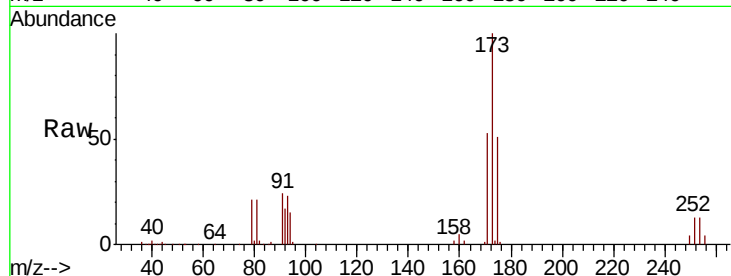
Tot Ion:173 Resp: 28170

Ion Ratio Lower Upper

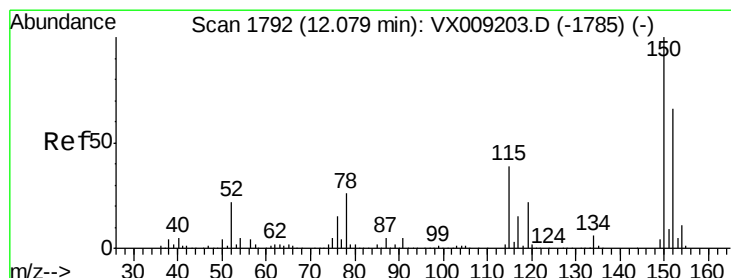
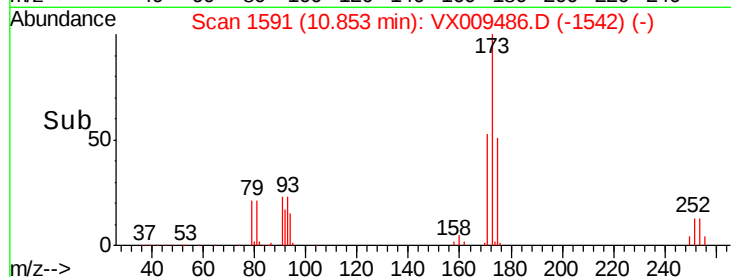
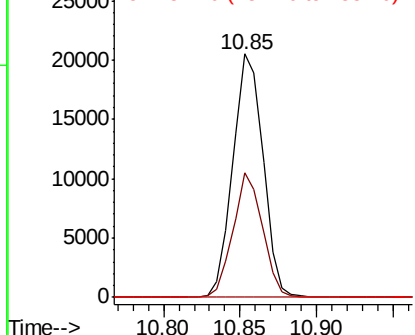
173 100

175 49.5 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

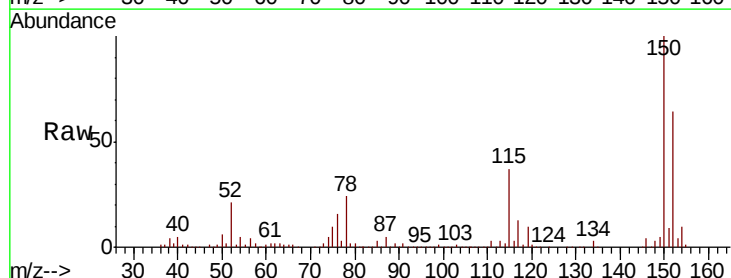
Tgt Ion:152 Resp: 114651

Ion Ratio Lower Upper

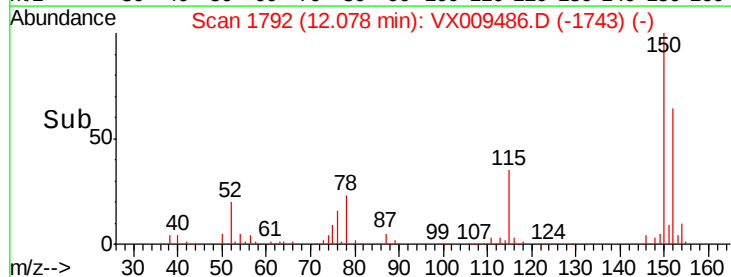
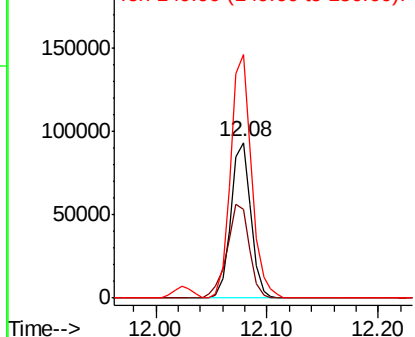
152 100

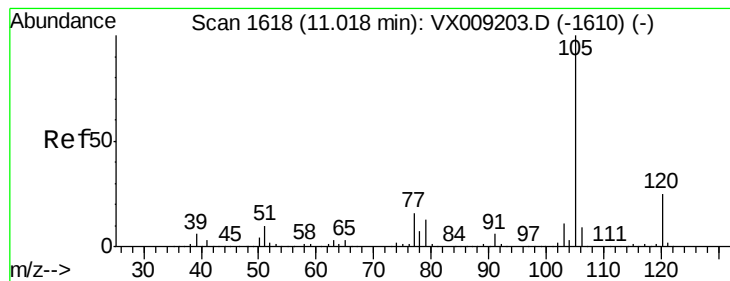
115 68.0 41.2 123.6

150 164.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 21.986 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

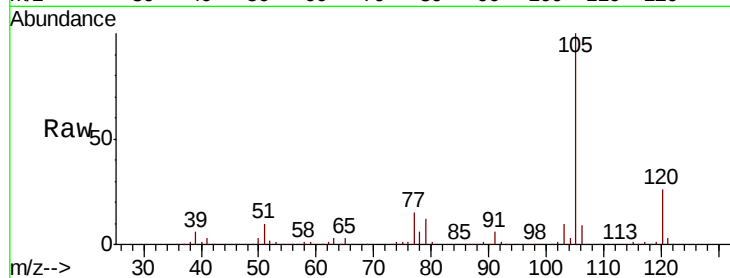
VX0510WBS02

Tot Ion:105 Resp: 183306

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

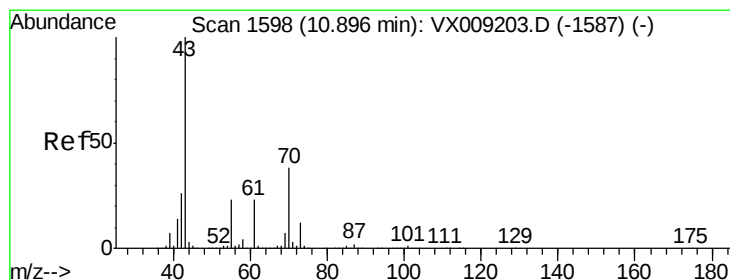
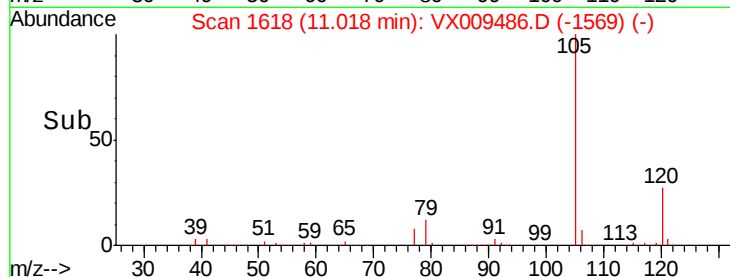
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.103 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Tgt Ion: 43 Resp: 102574

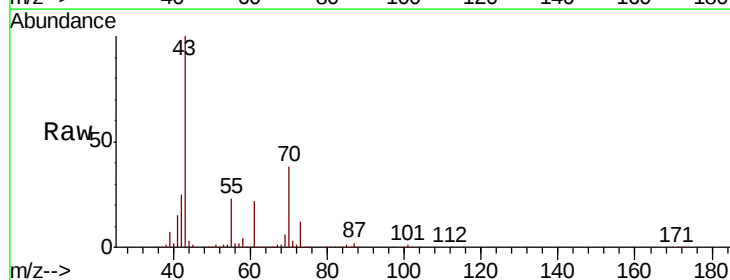
Ion Ratio Lower Upper

43 100

70 36.9 30.0 45.0

55 22.9 17.9 26.9

61 22.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

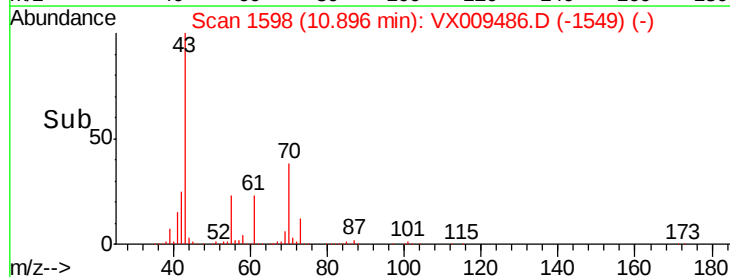
60000

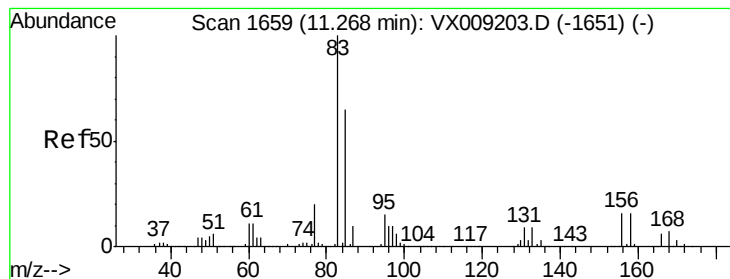
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.676 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

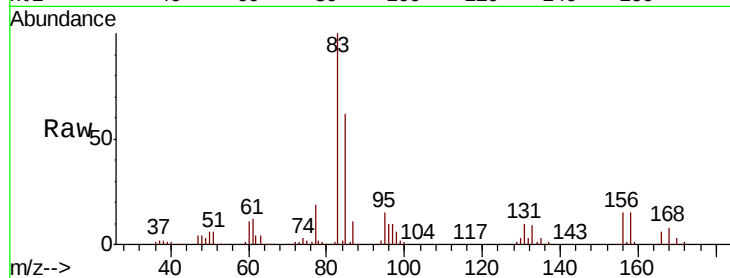
Tot Ion: 83 Resp: 64262

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

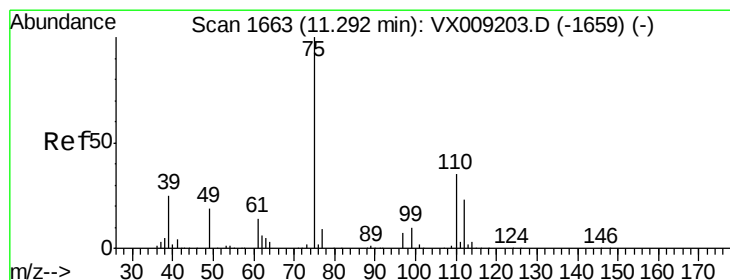
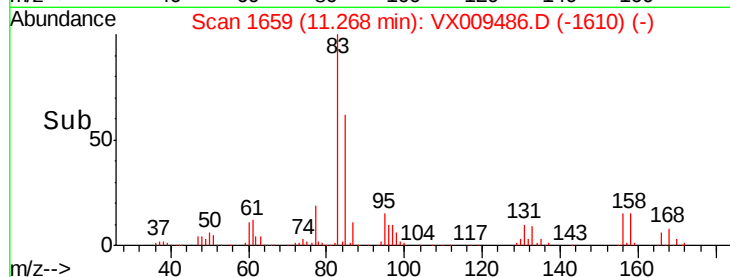
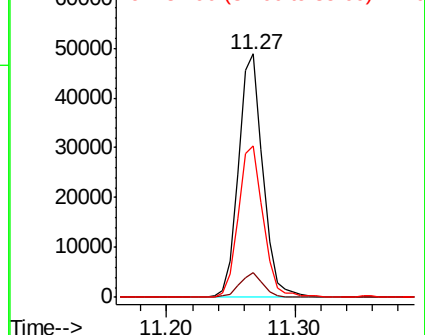
85 63.8 32.0 96.2



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: 27.771 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009486.D

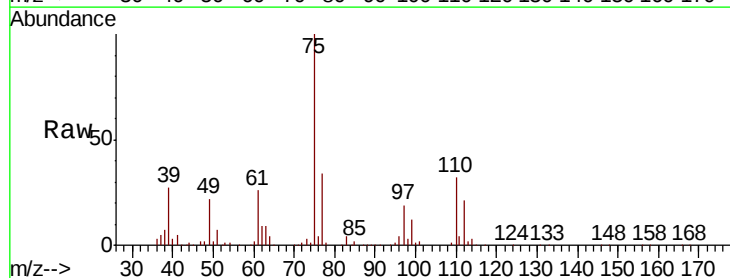
Acq: 10 May 2019 17:19

Tgt Ion: 75 Resp: 73858

Ion Ratio Lower Upper

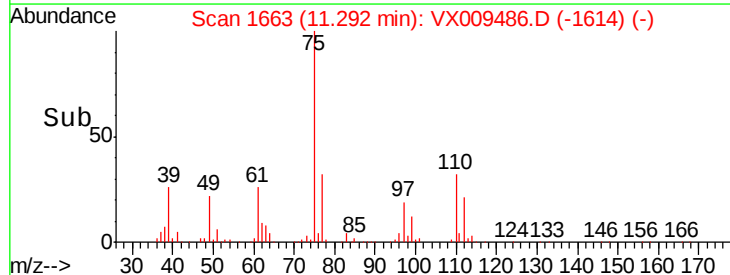
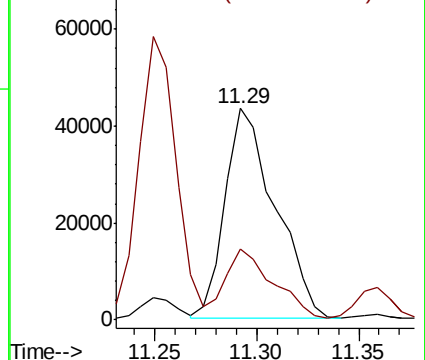
75 100

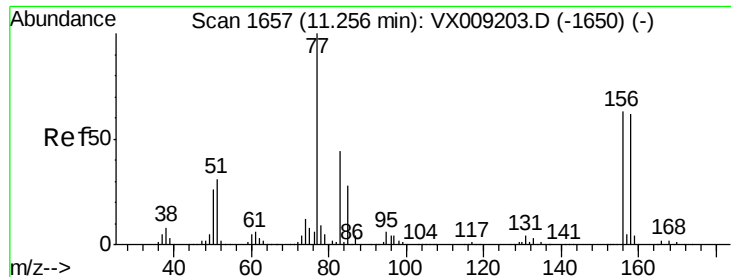
77 32.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.318 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

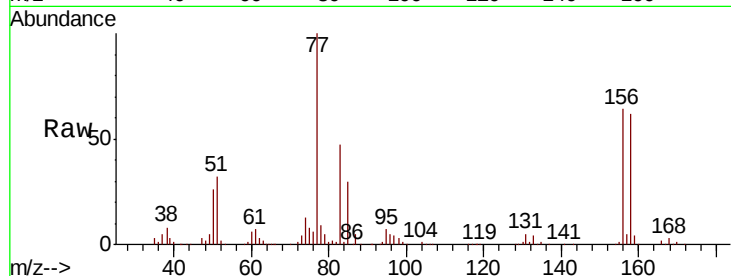
Tot Ion:156 Resp: 44115

Ion Ratio Lower Upper

156 100

77 169.0 84.8 254.3

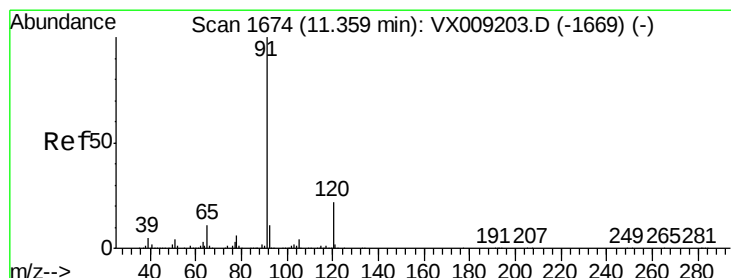
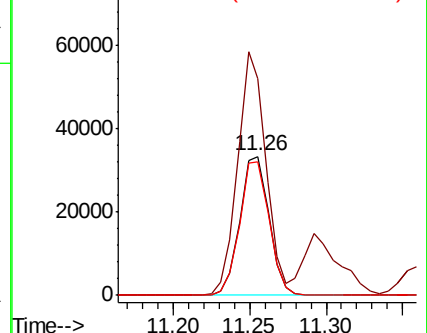
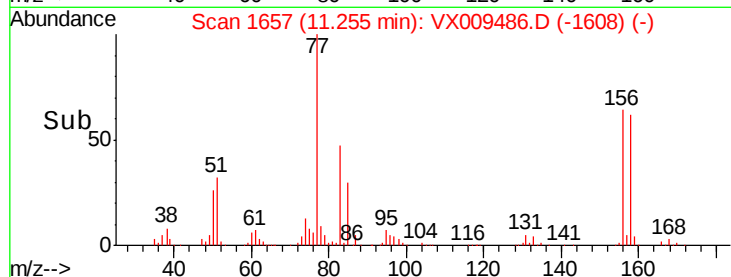
158 97.5 49.1 147.3



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: 22.106 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009486.D

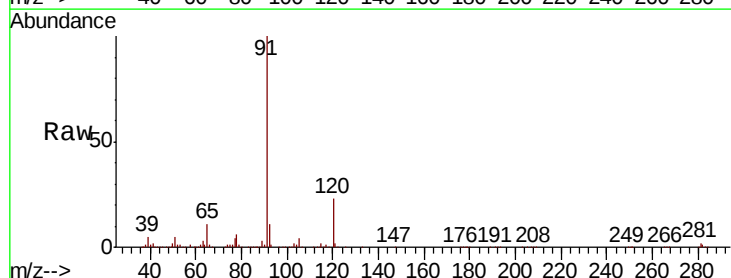
Acq: 10 May 2019 17:19

Tgt Ion: 91 Resp: 210489

Ion Ratio Lower Upper

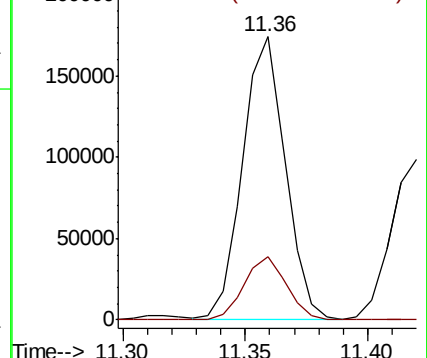
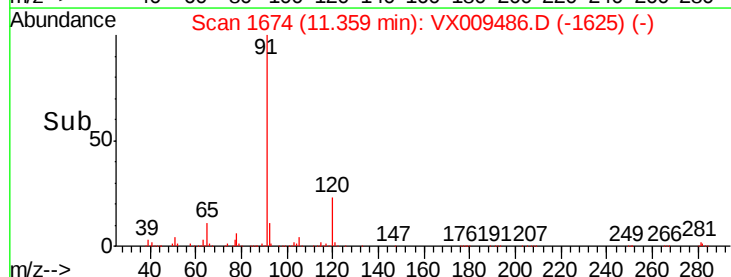
91 100

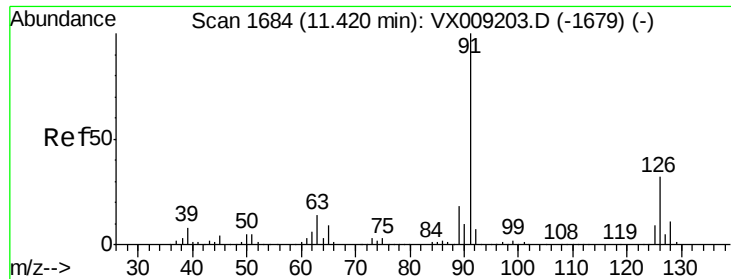
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

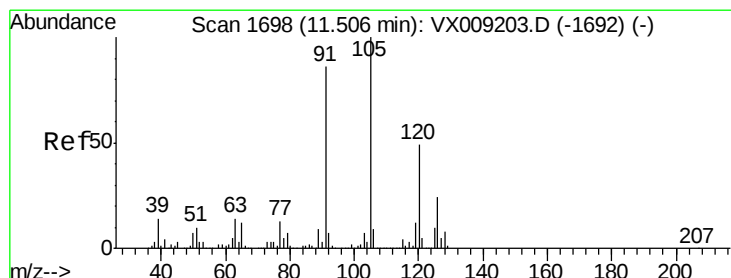
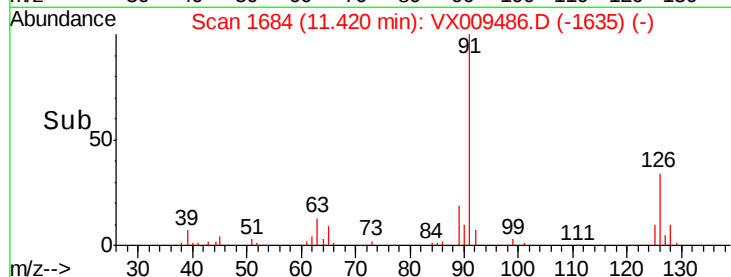
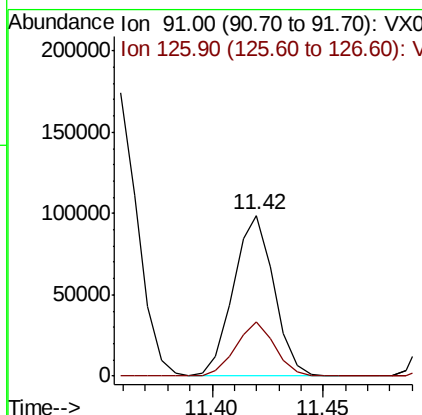
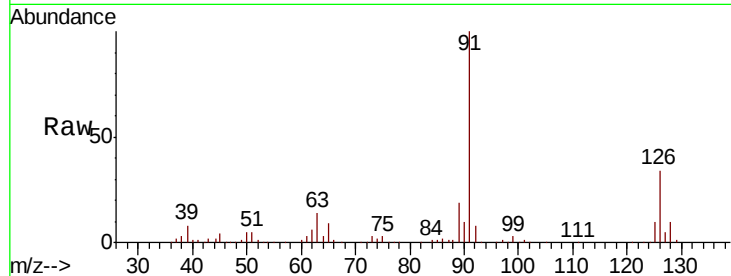




#79
 2-Chlorotoluene
 Concen: 21.142 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

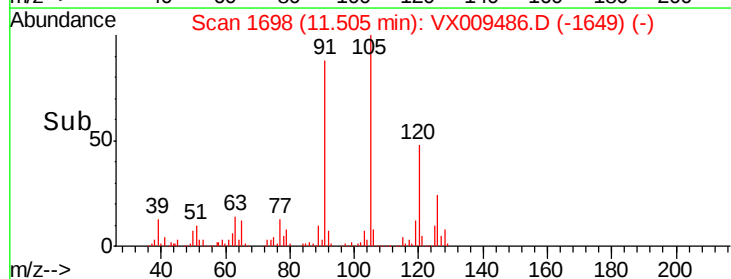
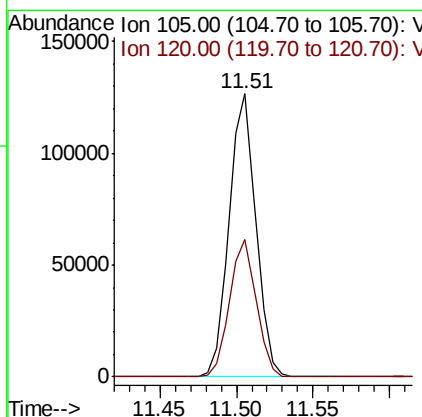
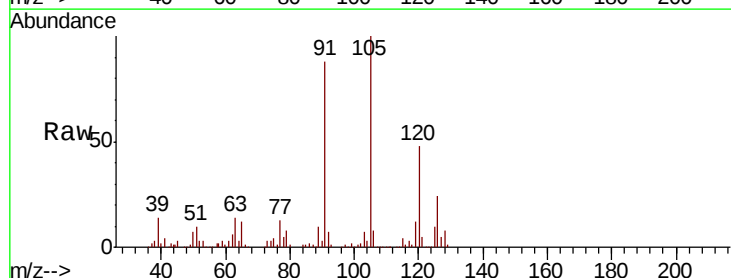
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

Tot Ion: 91 Resp: 124196
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.860 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion: 105 Resp: 153457
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.277 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS02

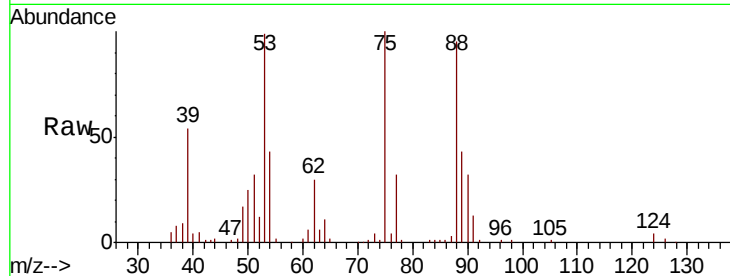
Tot Ion: 75 Resp: 21076

Ion Ratio Lower Upper

75 100

53 103.8 79.0 118.6

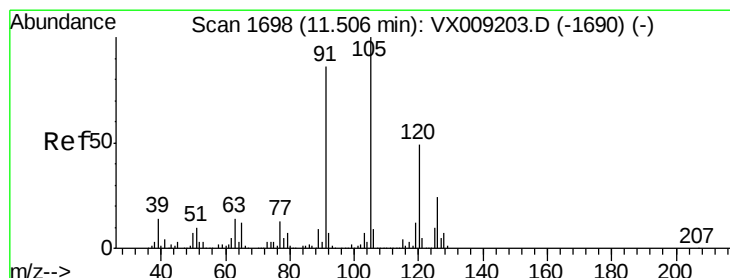
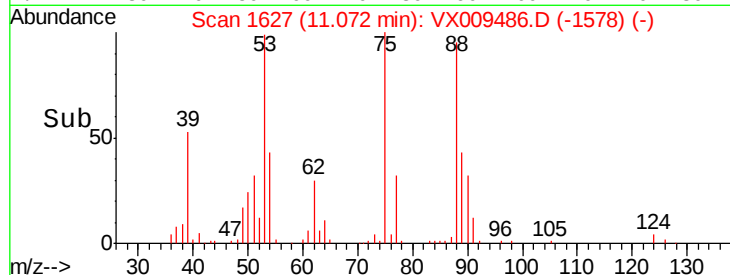
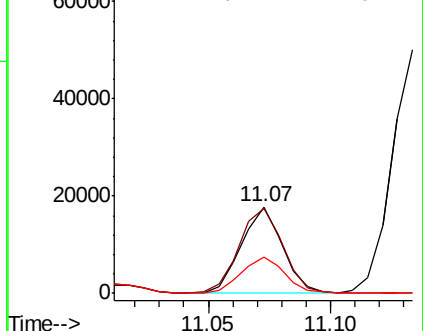
89 44.5 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.715 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009486.D

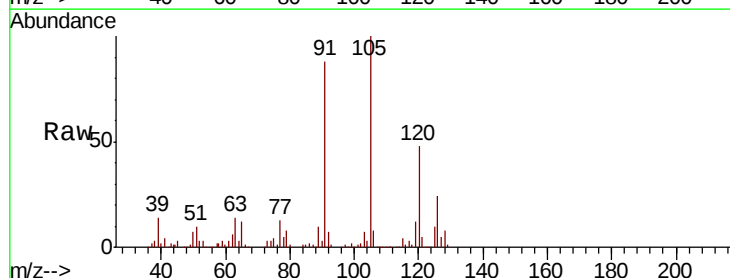
Acq: 10 May 2019 17:19

Tgt Ion: 91 Resp: 144106

Ion Ratio Lower Upper

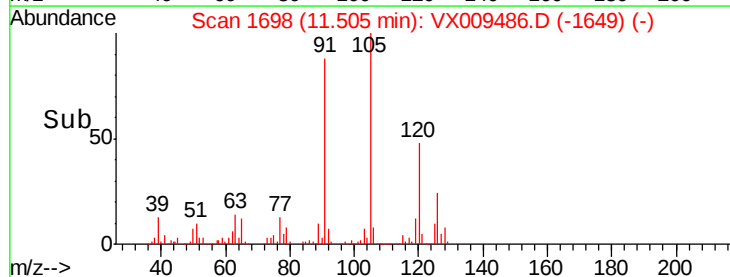
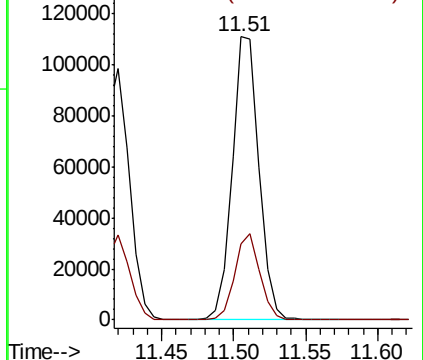
91 100

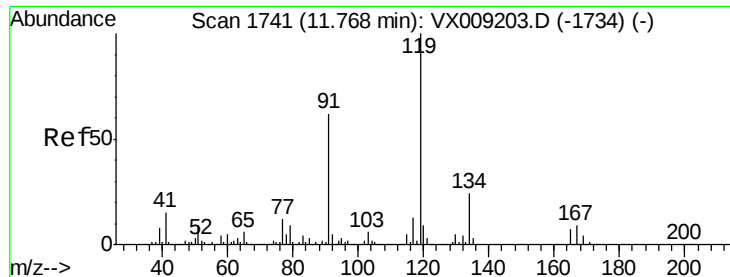
126 28.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

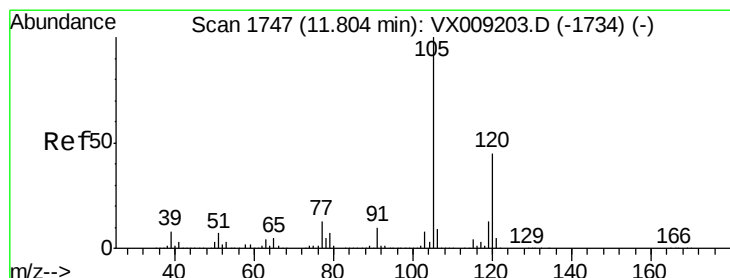
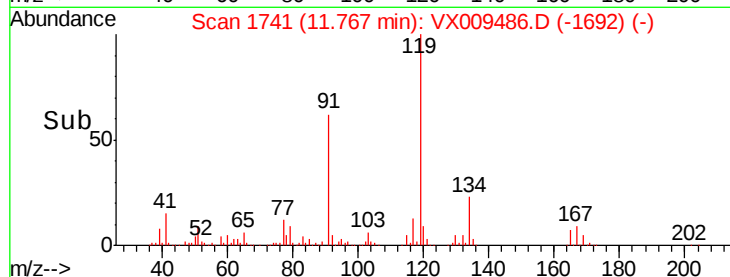
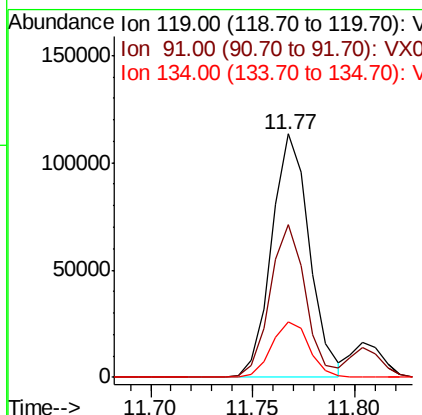
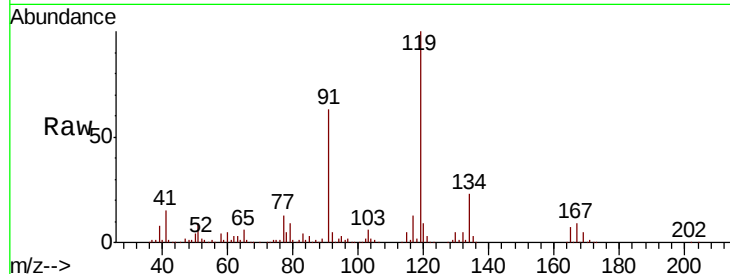




#83
 tert-Butylbenzene
 Concen: 21.480 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

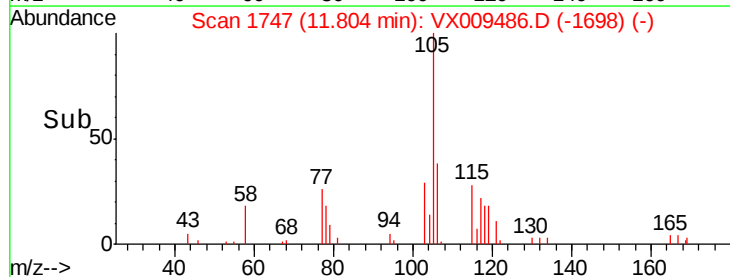
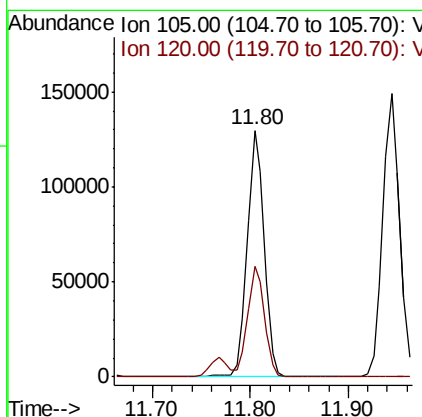
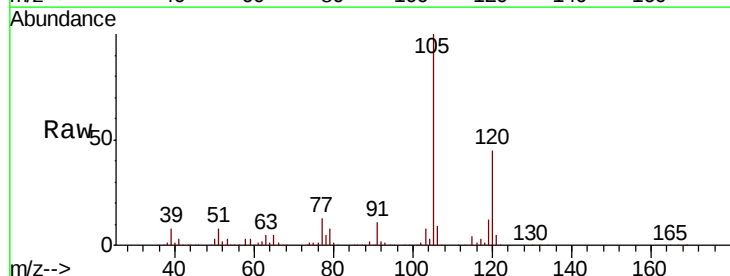
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.5	88.5
134	22.8	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.108 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.0	66.0





#85

sec-Butylbenzene

Concen: 22.039 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

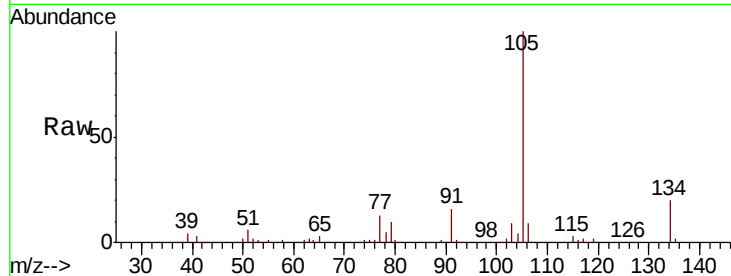
VX0510WBS02

Tot Ion:105 Resp: 178432

Ion Ratio Lower Upper

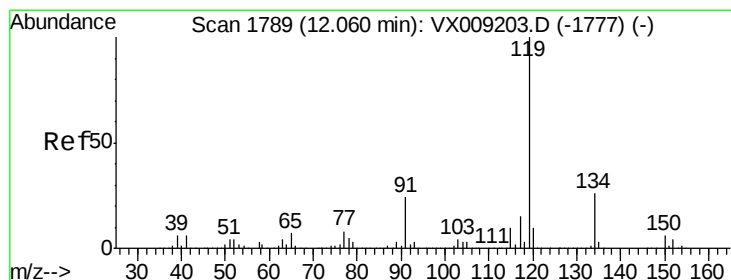
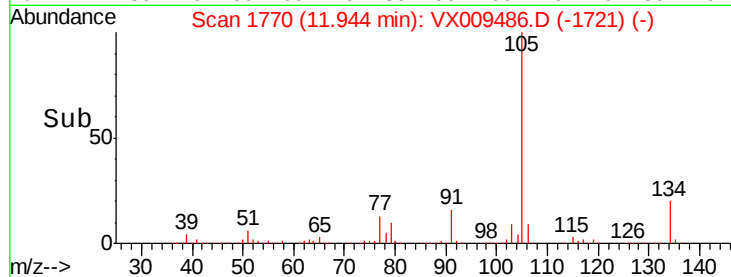
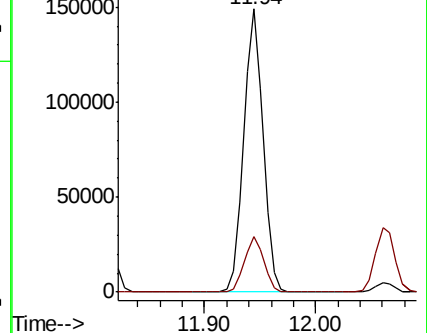
105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.228 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

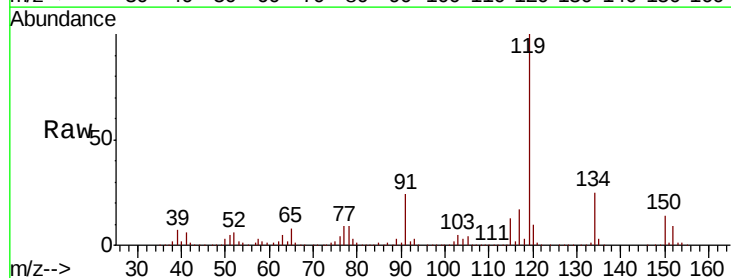
Tgt Ion:119 Resp: 161790

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

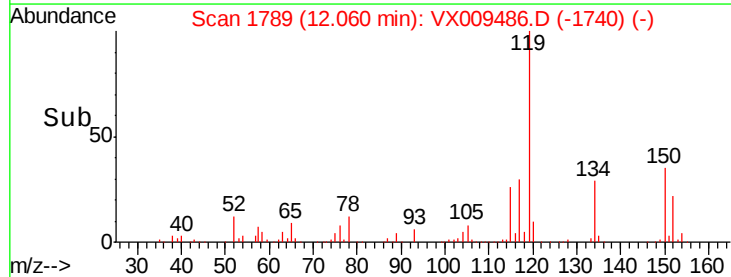
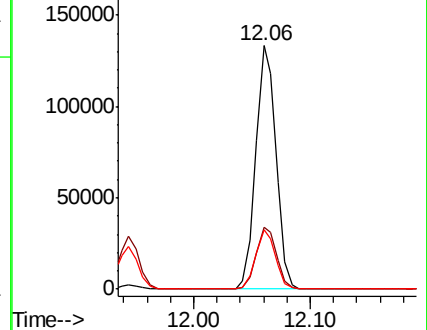
91 24.0 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

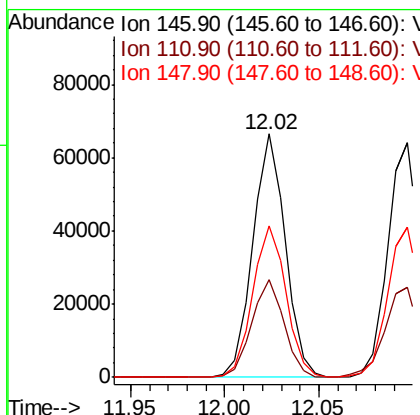
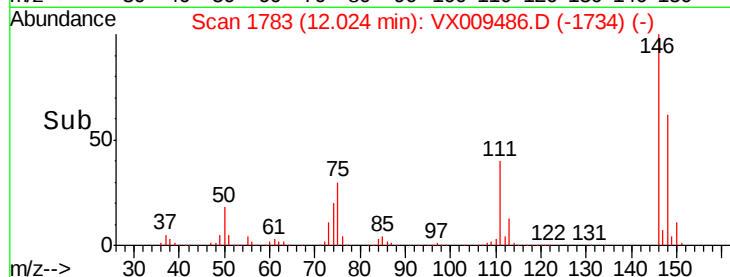
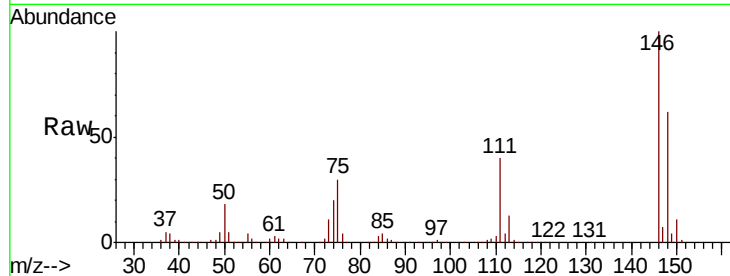




#87
 1,3-Dichlorobenzene
 Concen: 21.567 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

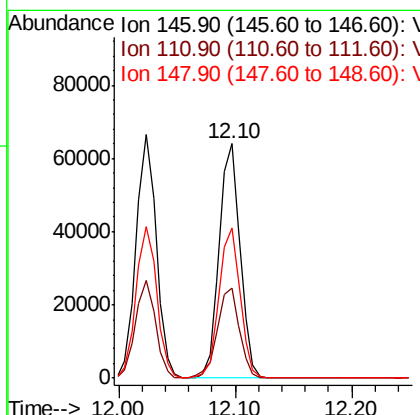
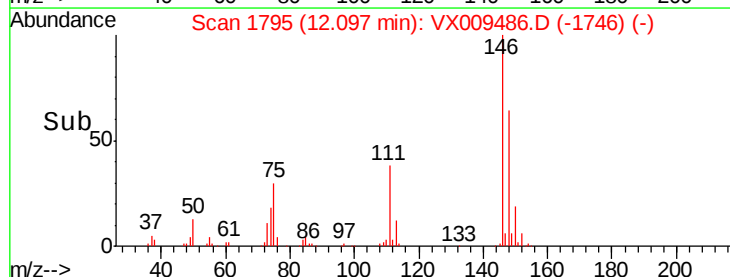
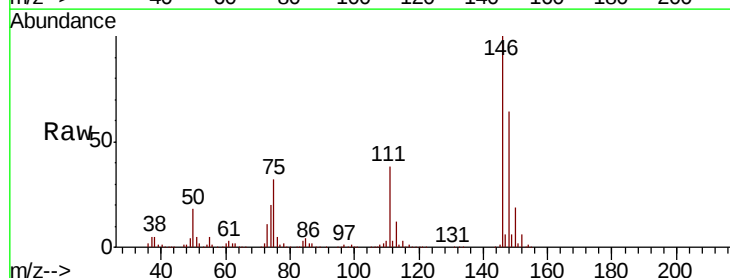
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

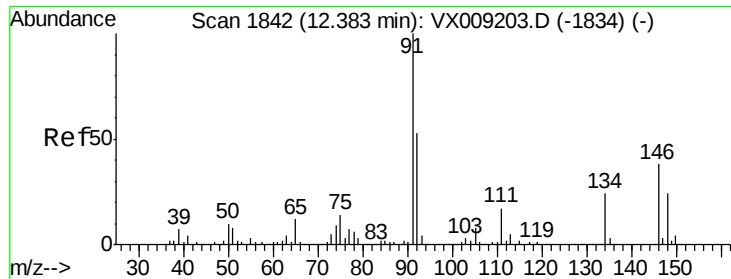
Tot Ion:146 Resp: 79561
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.330 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion:146 Resp: 79329
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.6 58.8
 148 64.6 31.8 95.3





#89

n-Butylbenzene

Concen: 22.092 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS02

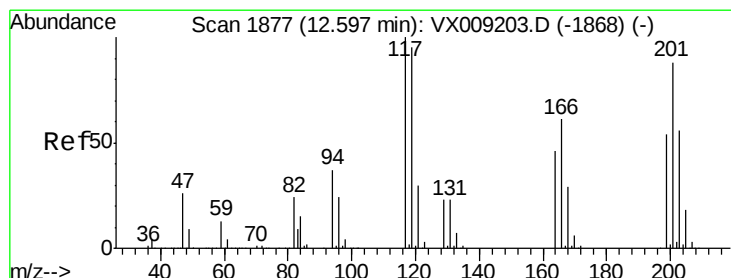
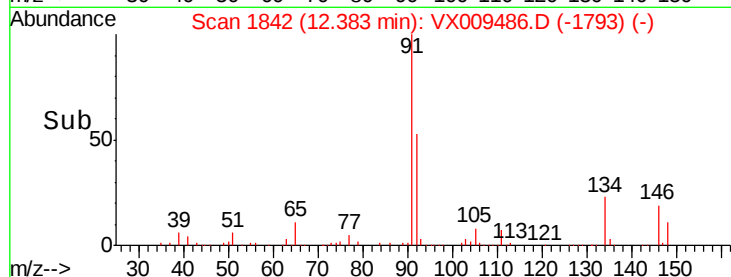
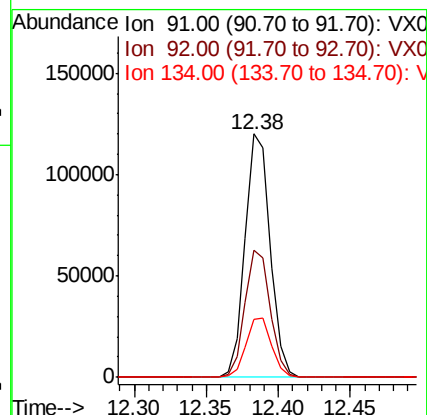
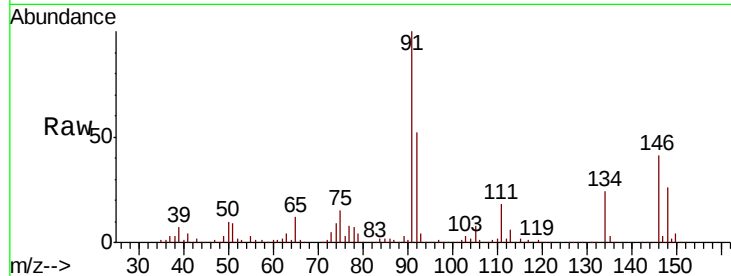
Tot Ion: 91 Resp: 145336

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 25.0 12.4 37.2



#90

Hexachloroethane

Concen: 20.976 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009486.D

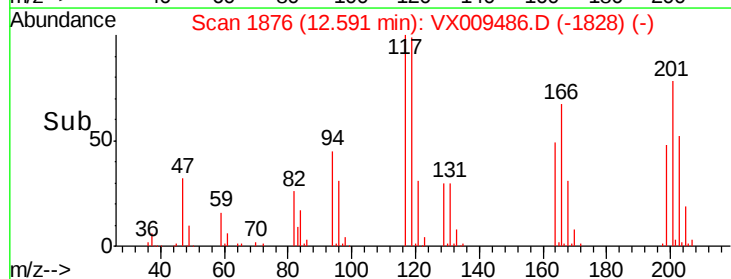
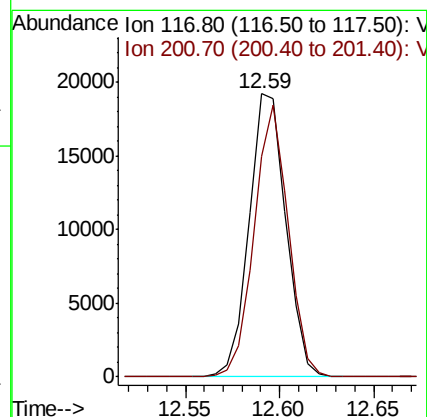
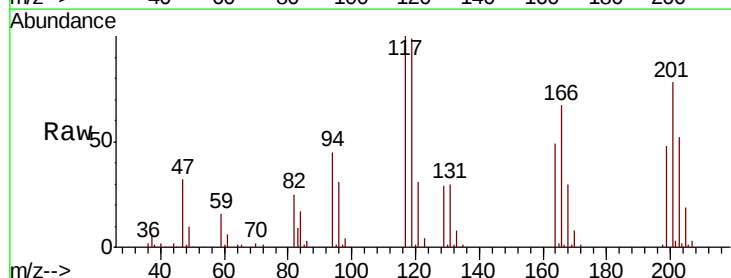
Acq: 10 May 2019 17:19

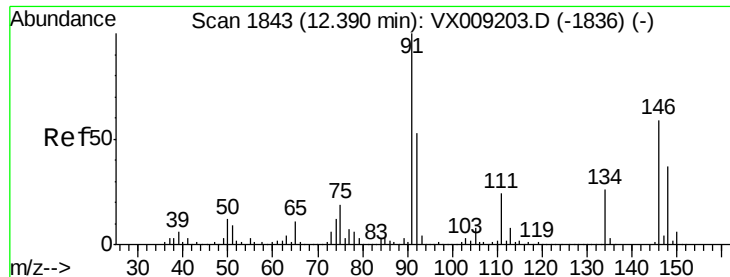
Tgt Ion: 117 Resp: 26011

Ion Ratio Lower Upper

117 100

201 88.8 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 21.237 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS02

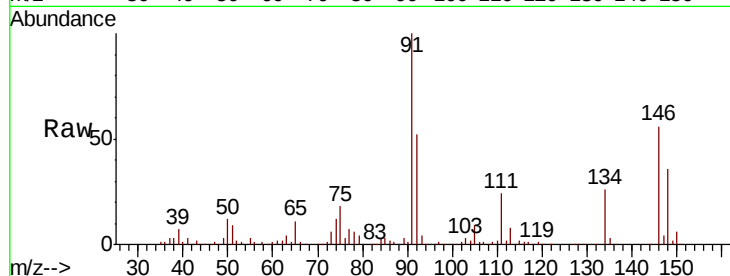
Tot Ion:146 Resp: 79796

Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.4

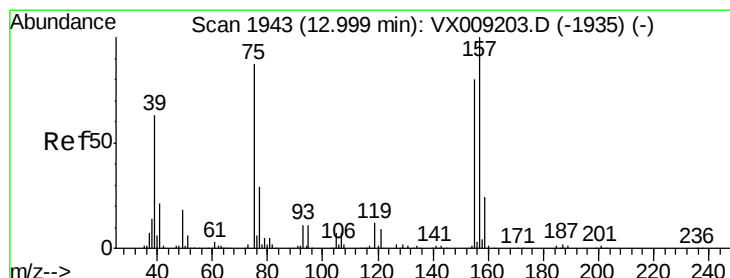
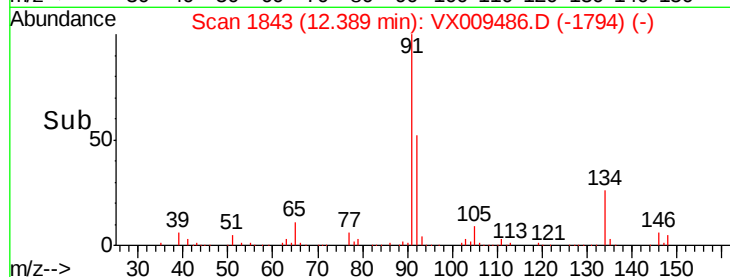
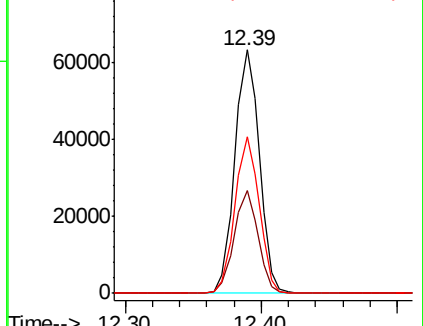
148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.078 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009486.D

Acq: 10 May 2019 17:19

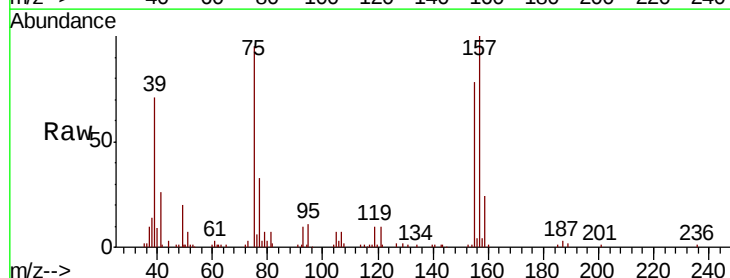
Tgt Ion: 75 Resp: 14696

Ion Ratio Lower Upper

75 100

155 81.9 42.0 126.0

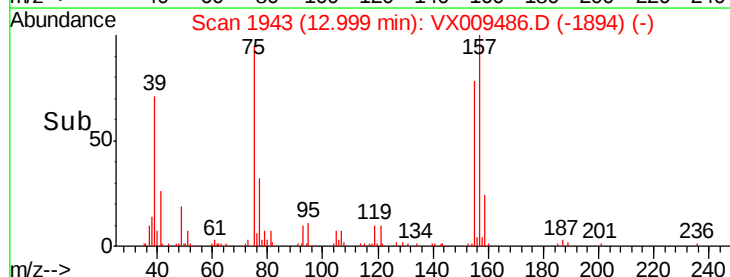
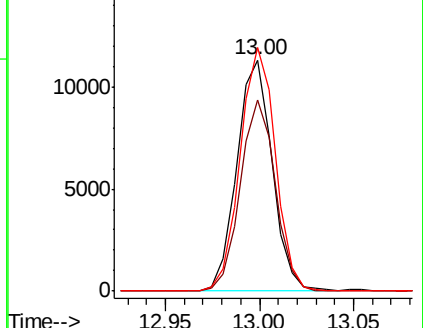
157 105.1 53.2 159.6

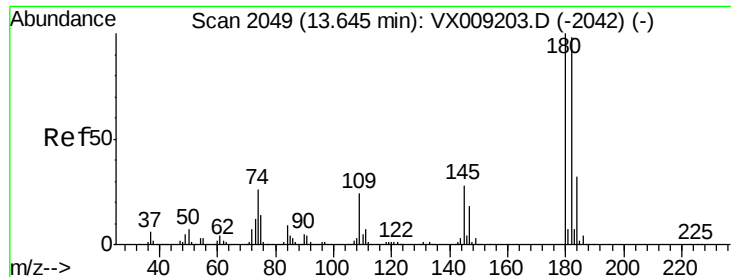


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

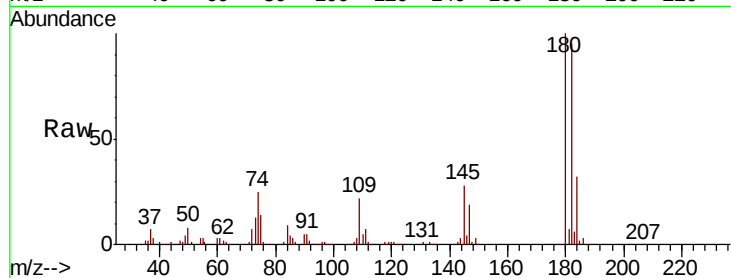




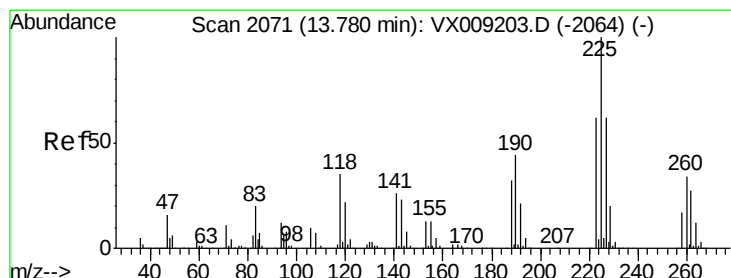
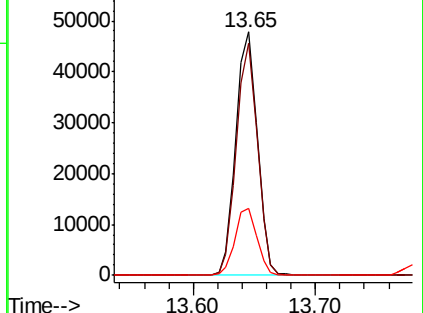
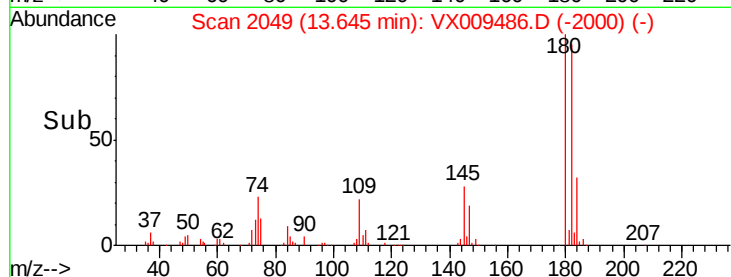
#93
 1,2,4-Trichlorobenzene
 Concen: 22.628 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS02

Tot Ion:180 Resp: 58141
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.4 145.2
 145 28.1 14.6 43.8

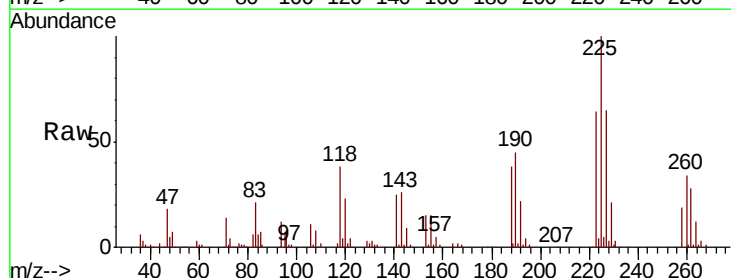


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

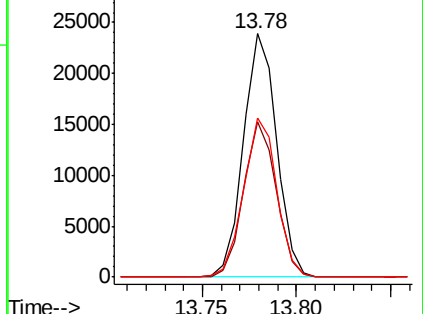
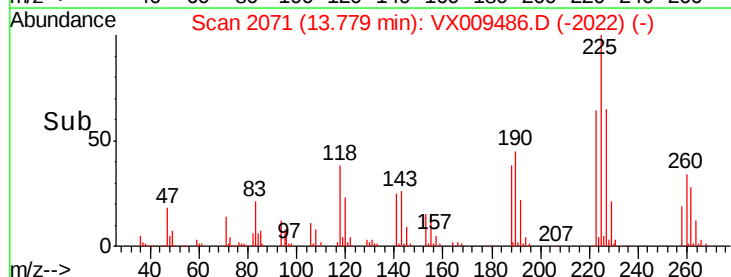


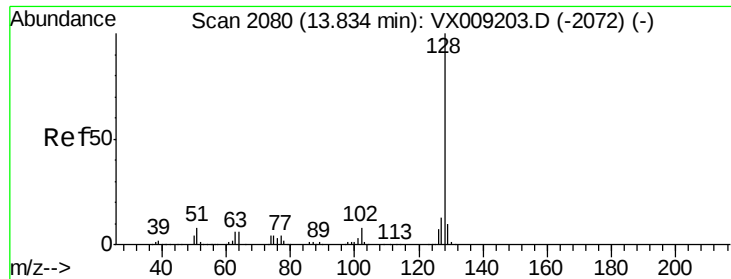
#94
 Hexachlorobutadiene
 Concen: 22.292 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009486.D
 Acq: 10 May 2019 17:19

Tgt Ion:225 Resp: 29249
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 65.2 31.8 95.3



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

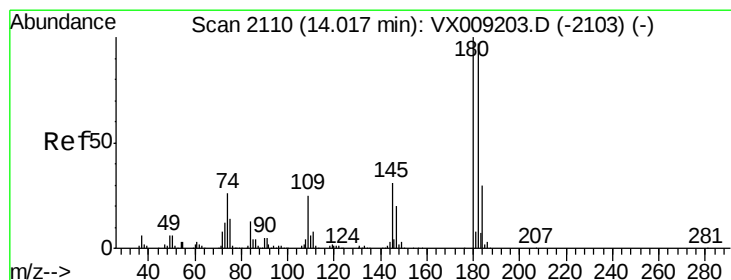
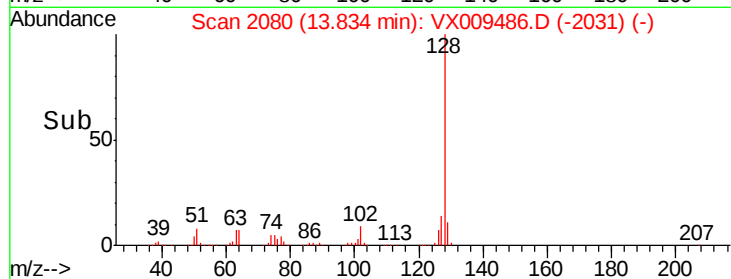
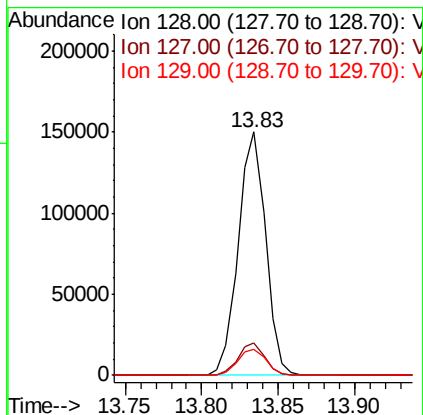
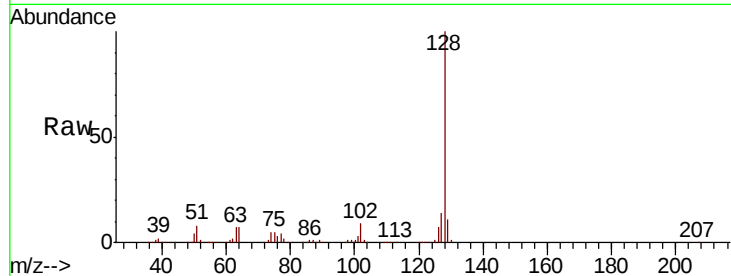




#95
Naphthalene
Concen: 22.237 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS02

Tot Ion:128 Resp: 185893
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.695 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009486.D
Acq: 10 May 2019 17:19

Tgt Ion:180 Resp: 59111
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 30.8 15.4 46.4

