

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009340.D
 Acq On : 06 May 2019 11:11
 Operator : JC/SP
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Quant Time: May 07 06:33:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183536	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	286548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122638	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.49	113	91668	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	8.71	98	375106	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.13	95	134687	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29769	17.601	ug/l	100
3) Chloromethane	1.32	50	39903	17.281	ug/l	99
4) Vinyl Chloride	1.40	62	39597	17.586	ug/l	98
5) Bromomethane	1.64	94	23173	17.147	ug/l	96
6) Chloroethane	1.72	64	25359	17.542	ug/l	99
7) Trichlorofluoromethane	1.93	101	51217	18.713	ug/l	99
8) Diethyl Ether	2.18	74	23781	18.343	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32730	19.043	ug/l	99
10) Methyl Iodide	2.51	142	30920	18.655	ug/l	100
11) Tert butyl alcohol	3.04	59	47738	82.313	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32171	18.681	ug/l	93
13) Acrolein	2.29	56	30139	57.383	ug/l	95
14) Allyl chloride	2.73	41	72913	17.374	ug/l	98
15) Acrylonitrile	3.14	53	124290	87.649	ug/l	99
16) Acetone	2.44	43	116852	86.856	ug/l	100
17) Carbon Disulfide	2.57	76	81682	16.894	ug/l	99
18) Methyl Acetate	2.77	43	55384	17.310	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	123184	18.420	ug/l	97
20) Methylene Chloride	2.85	84	37802	17.354	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	33622	18.003	ug/l	97
22) Diisopropyl ether	3.85	45	149889	18.572	ug/l	92
23) Vinyl Acetate	3.81	43	639049	92.466	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71503	17.959	ug/l	99
25) 2-Butanone	4.67	43	183149	87.605	ug/l	99
26) 2,2-Dichloropropane	4.57	77	54741	18.471	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	40741	18.276	ug/l	98
28) Bromochloromethane	5.01	49	30034	16.926	ug/l	99
29) Tetrahydrofuran	5.12	42	118031	87.735	ug/l	100
30) Chloroform	5.21	83	65765	18.263	ug/l	99
31) Cyclohexane	5.57	56	68126	18.391	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	54155	18.066	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49333	18.526	ug/l	99
37) Ethyl Acetate	4.82	43	66693	17.975	ug/l	98
38) Carbon Tetrachloride	5.78	117	45988	19.008	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009340.D
 Acq On : 06 May 2019 11:11
 Operator : JC/SP
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Quant Time: May 07 06:33:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62019	18.964	ug/l	97
40) Benzene	6.13	78	154355	18.729	ug/l	99
41) Methacrylonitrile	5.03	41	39125	17.715	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56057	18.962	ug/l	99
43) Isopropyl Acetate	6.44	43	109468	18.445	ug/l	100
44) Trichloroethene	7.21	130	37039	18.591	ug/l	97
45) 1,2-Dichloropropane	7.51	63	43793	18.766	ug/l	99
46) Dibromomethane	7.66	93	24936	18.401	ug/l	99
47) Bromodichloromethane	7.89	83	50981	18.860	ug/l	94
48) Methyl methacrylate	7.76	41	53196	18.067	ug/l	99
49) 1,4-Dioxane	7.74	88	19793	331.478	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	351956	90.732	ug/l	100
52) Toluene	8.78	92	94766	18.917	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	57765	18.928	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	64170	18.997	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38725	18.948	ug/l	95
56) Ethyl methacrylate	9.18	69	67375	18.468	ug/l	99
57) 1,3-Dichloropropane	9.37	76	68198	18.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	179505	92.748	ug/l	99
59) 2-Hexanone	9.49	43	273883	89.899	ug/l	99
60) Dibromochloromethane	9.58	129	37869	18.971	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39615	19.202	ug/l	97
64) Tetrachloroethene	9.34	164	35677	20.031	ug/l	93
65) Chlorobenzene	10.13	112	96990	18.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35628	18.920	ug/l	99
67) Ethyl Benzene	10.25	91	178544	18.677	ug/l	99
68) m/p-Xylenes	10.35	106	132593	37.956	ug/l	99
69) o-Xylene	10.69	106	63048	18.293	ug/l	97
70) Styrene	10.71	104	111971	18.691	ug/l	98
71) Bromoform	10.85	173	27990	18.290	ug/l	99
73) Isopropylbenzene	11.02	105	173320	18.836	ug/l	99
74) N-amyl acetate	10.90	43	95096	17.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62156	18.120	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	71426	24.335	ug/l	82
77) Bromobenzene	11.25	156	42310	18.526	ug/l	99
78) n-propylbenzene	11.36	91	200548	19.084	ug/l	100
79) 2-Chlorotoluene	11.42	91	119822	18.482	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	149132	19.249	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20391	17.775	ug/l	99
82) 4-Chlorotoluene	11.51	91	135799	18.541	ug/l	100
83) tert-Butylbenzene	11.77	119	142511	18.908	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	149514	19.226	ug/l	99
85) sec-Butylbenzene	11.94	105	172264	19.279	ug/l	100
86) p-Isopropyltoluene	12.06	119	158303	19.707	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76466	18.781	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76998	18.759	ug/l	99
89) n-Butylbenzene	12.38	91	140487	19.349	ug/l	100
90) Hexachloroethane	12.60	117	25477	18.616	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	76304	18.400	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13857	18.008	ug/l	97

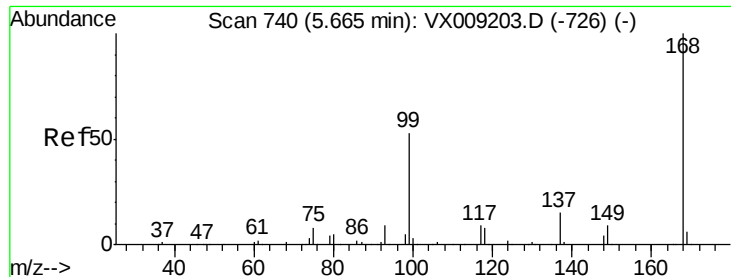
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
Data File : VX009340.D
Acq On : 06 May 2019 11:11
Operator : JC/SP
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Quant Time: May 07 06:33:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56278	19.846	ug/l	97
94) Hexachlorobutadiene	13.78	225	27926	19.284	ug/l	98
95) Naphthalene	13.83	128	178276	19.323	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57389	19.965	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

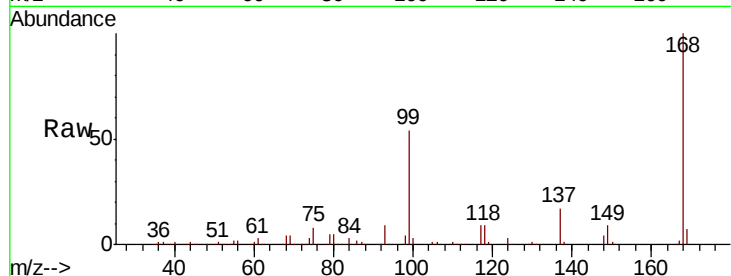
VX0506WBS01

Tot Ion:168 Resp: 183536

Ion Ratio Lower Upper

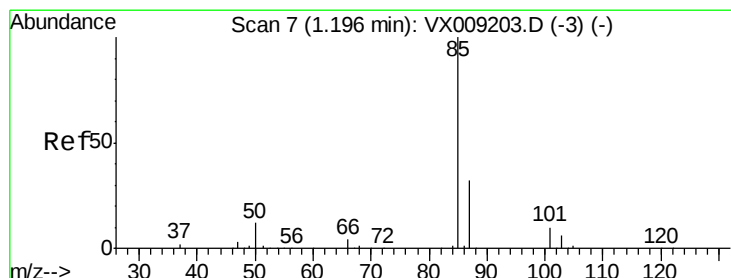
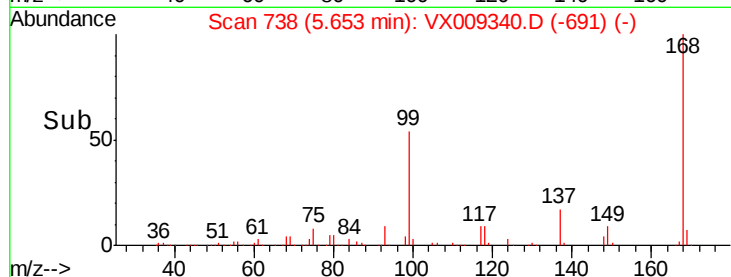
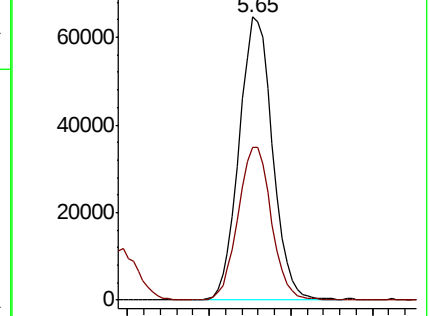
168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.601 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009340.D

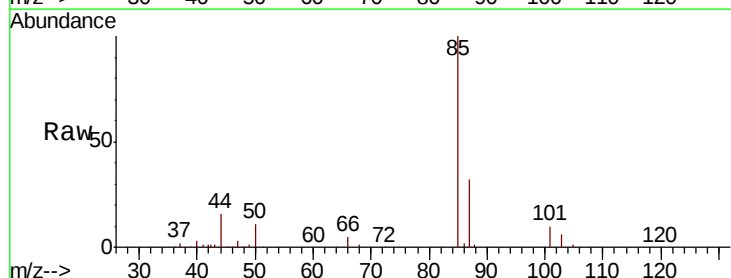
Acq: 06 May 2019 11:11

Tgt Ion: 85 Resp: 29769

Ion Ratio Lower Upper

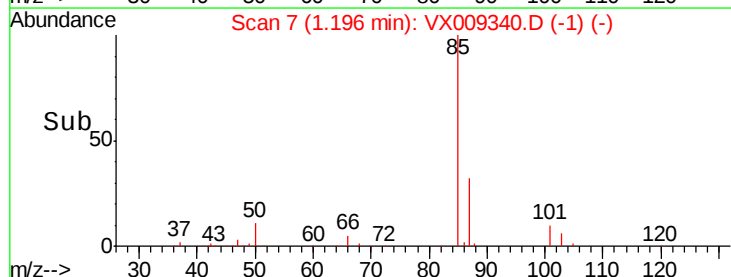
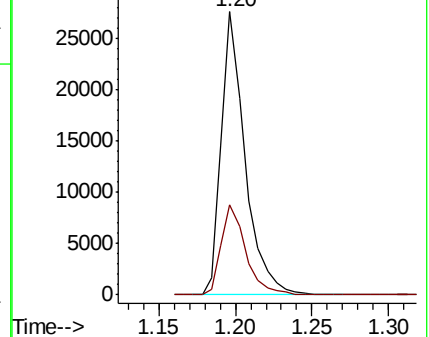
85 100

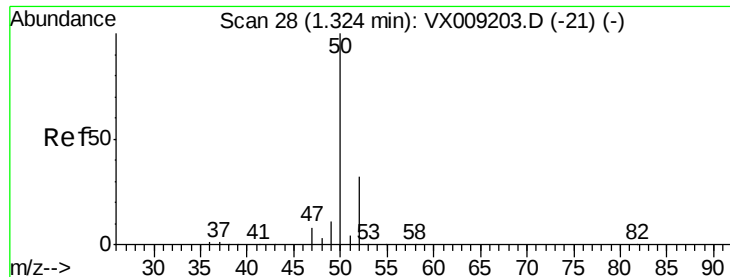
87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.281 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

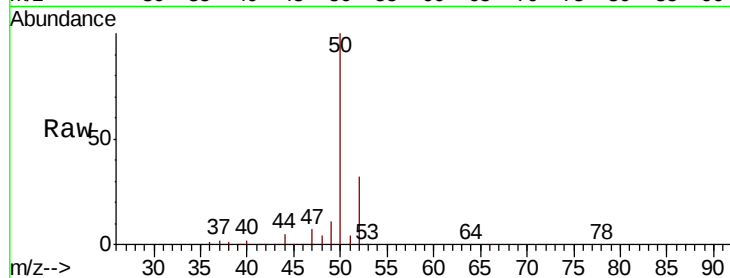
VX0506WBS01

Tot Ion: 50 Resp: 39903

Ion Ratio Lower Upper

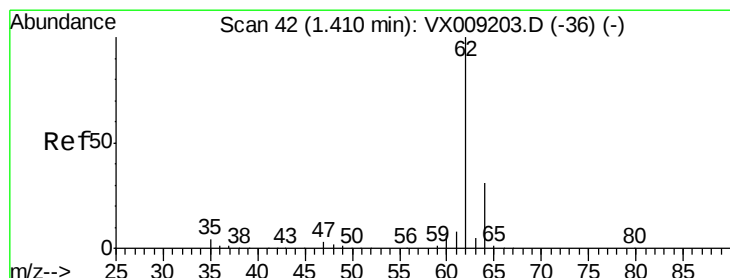
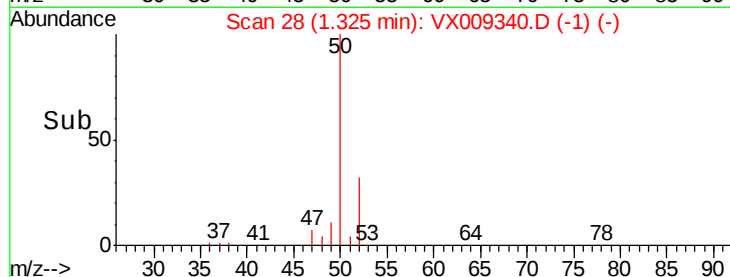
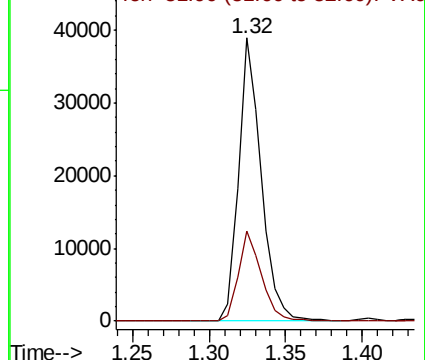
50 100

52 31.7 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: 17.586 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009340.D

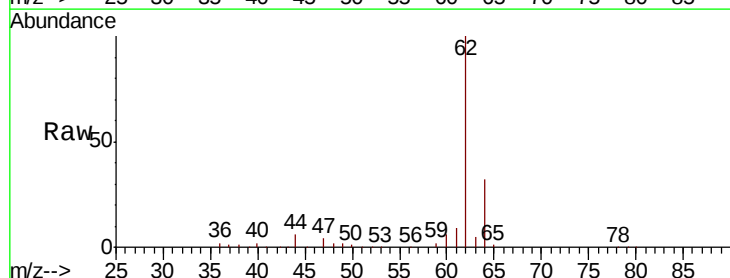
Acq: 06 May 2019 11:11

Tgt Ion: 62 Resp: 39597

Ion Ratio Lower Upper

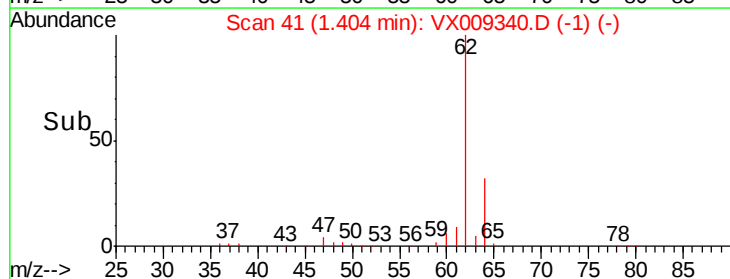
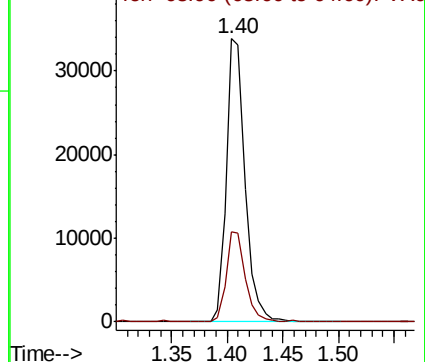
62 100

64 31.7 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: 17.147 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

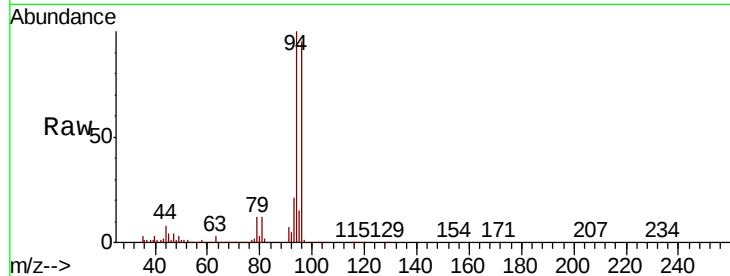
VX0506WBS01

Tot Ion: 94 Resp: 23173

Ion Ratio Lower Upper

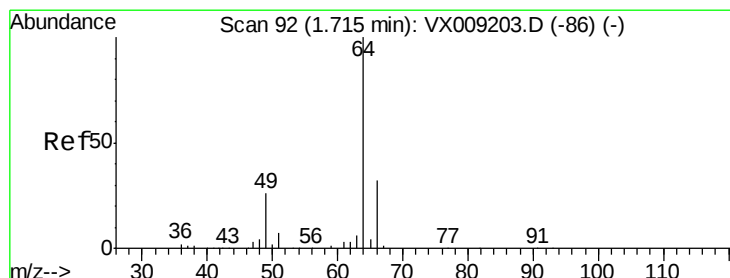
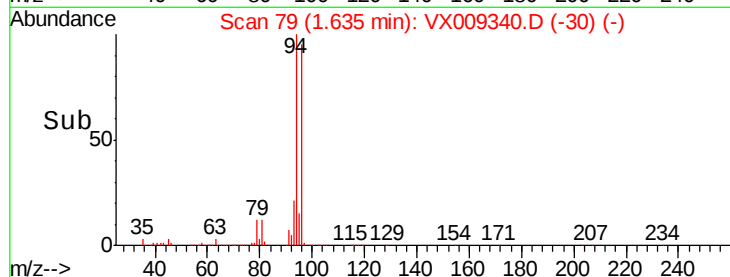
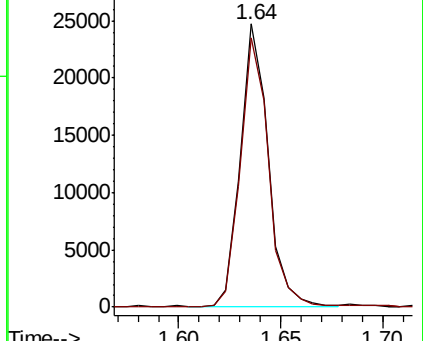
94 100

96 95.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.542 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009340.D

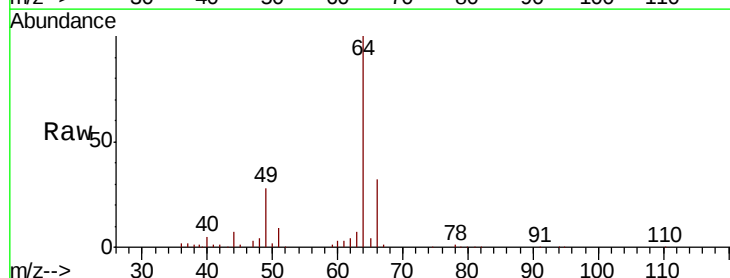
Acq: 06 May 2019 11:11

Tgt Ion: 64 Resp: 25359

Ion Ratio Lower Upper

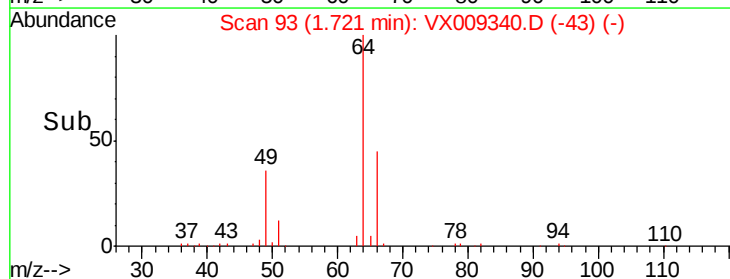
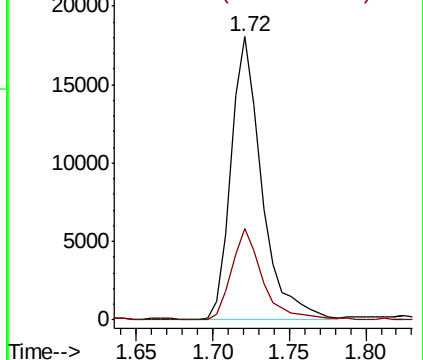
64 100

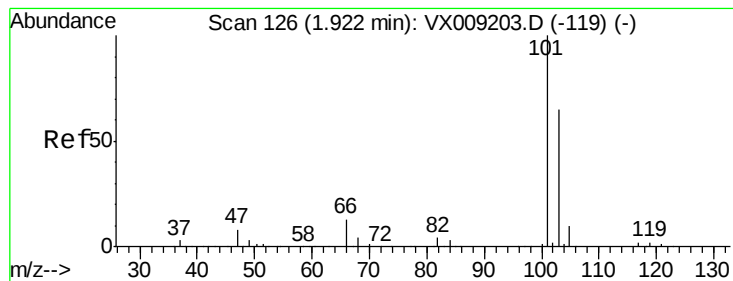
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



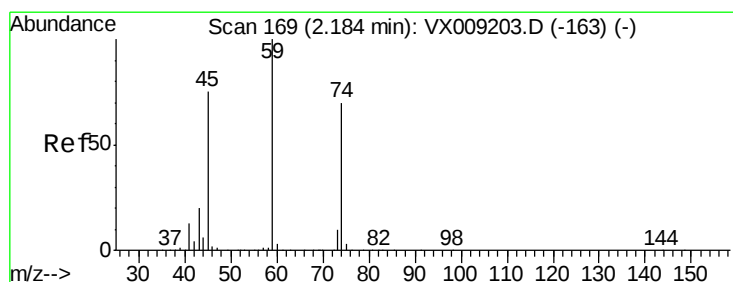
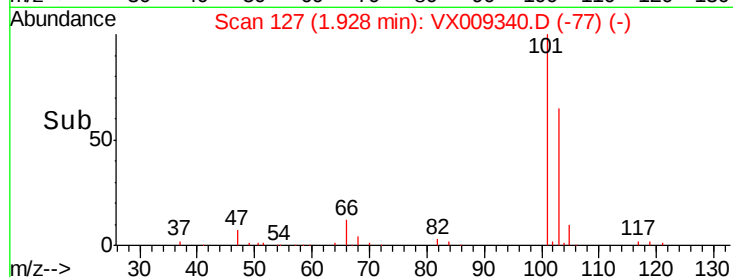
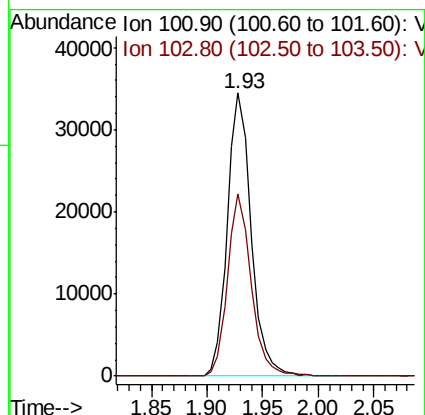
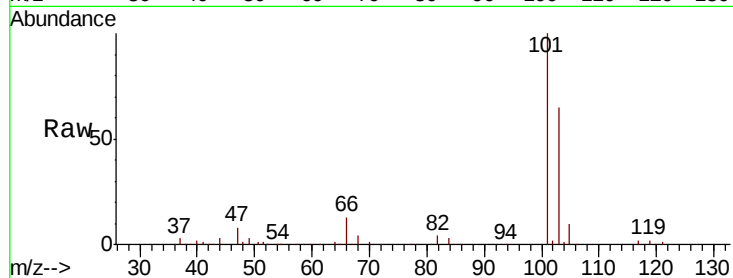


#7

Trichlorofluoromethane
 Concen: 18.713 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

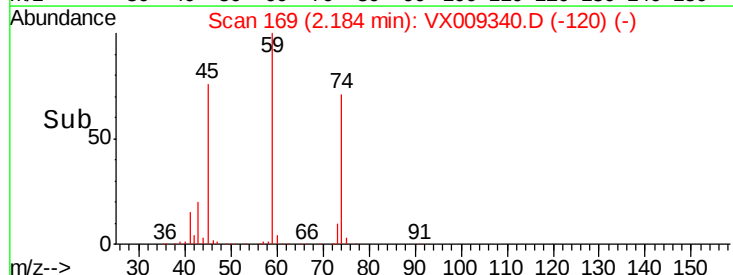
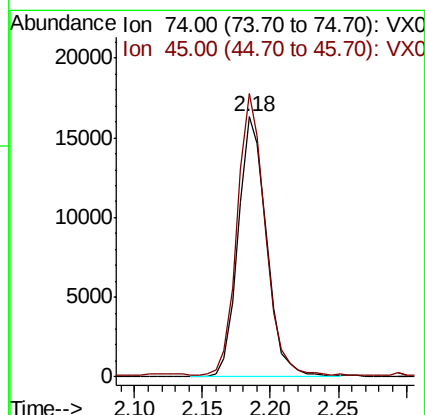
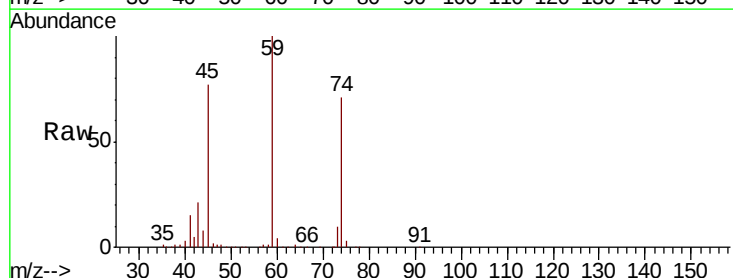
Tot Ion:101 Resp: 51217
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.4 78.6



#8

Diethyl Ether
 Concen: 18.343 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion: 74 Resp: 23781
 Ion Ratio Lower Upper
 74 100
 45 106.4 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.043 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

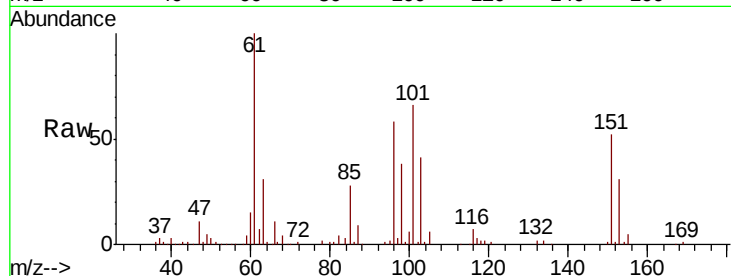
Tot Ion:101 Resp: 32730

Ion Ratio Lower Upper

101 100

85 43.5 35.7 53.5

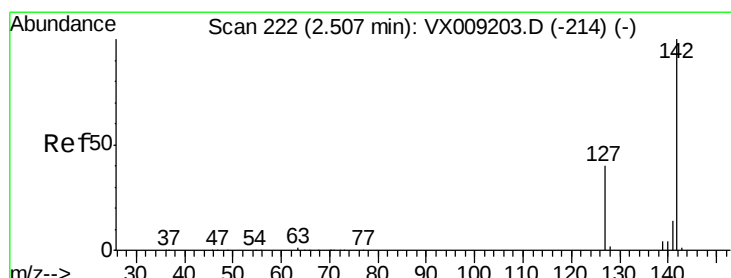
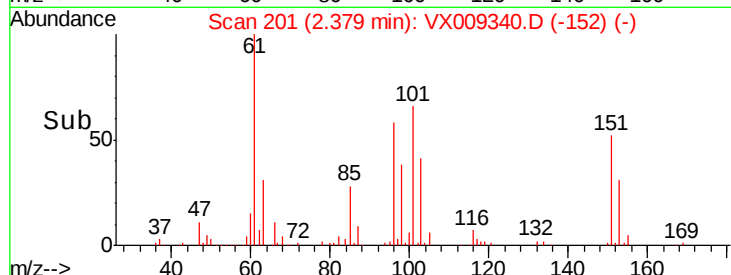
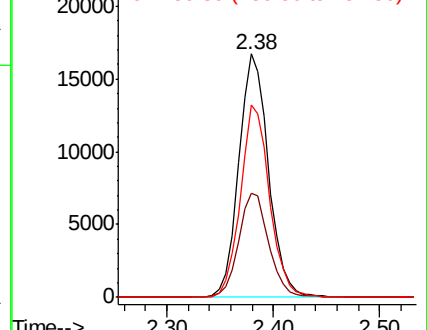
151 77.7 62.2 93.2



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: 18.655 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

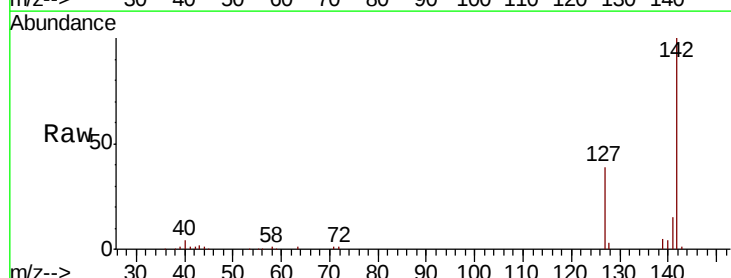
Tgt Ion:142 Resp: 30920

Ion Ratio Lower Upper

142 100

127 40.8 32.7 49.1

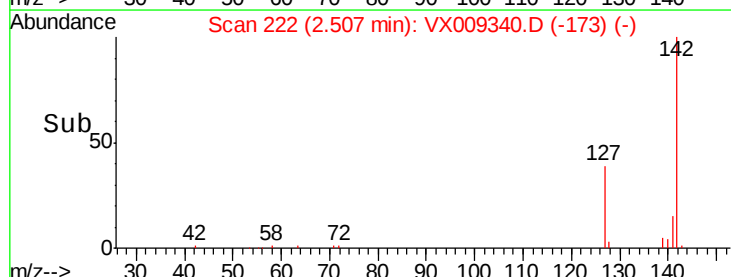
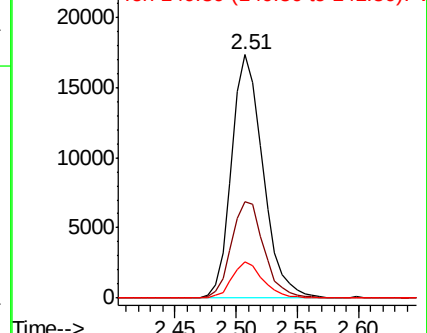
141 14.6 11.5 17.3

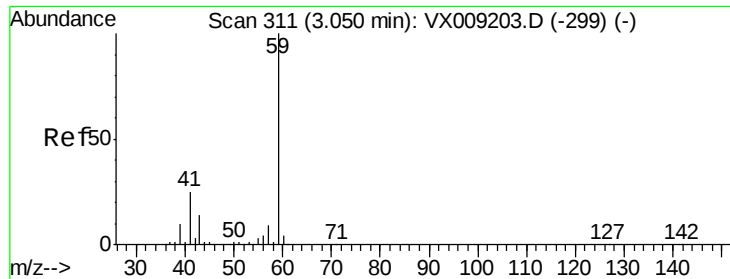


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

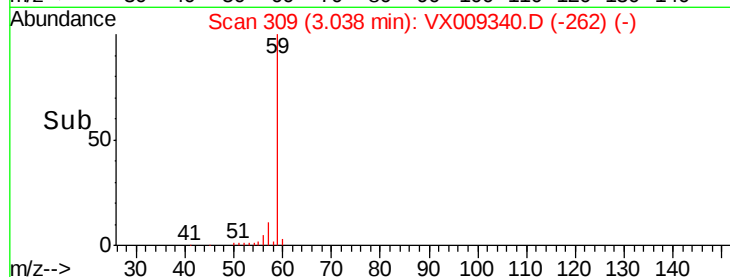
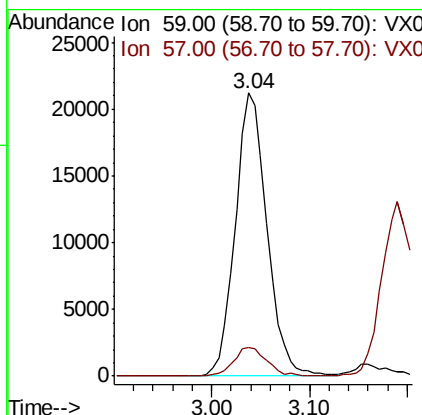
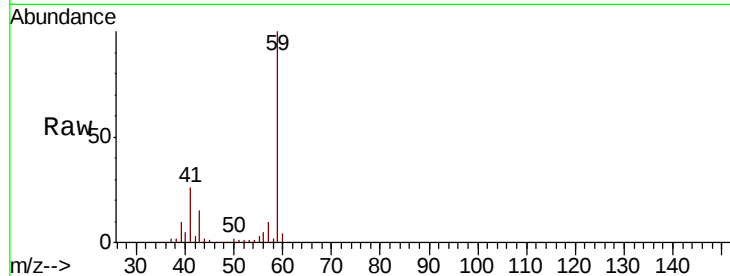




#11
Tert butyl alcohol
Concen: 82.313 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

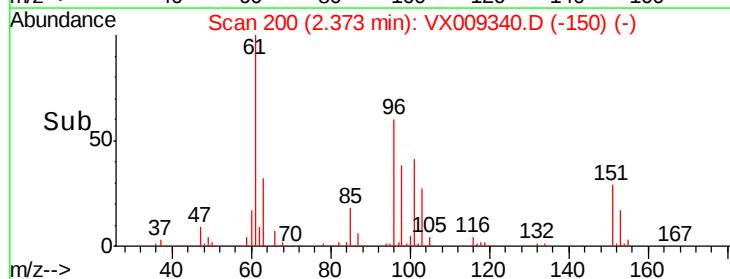
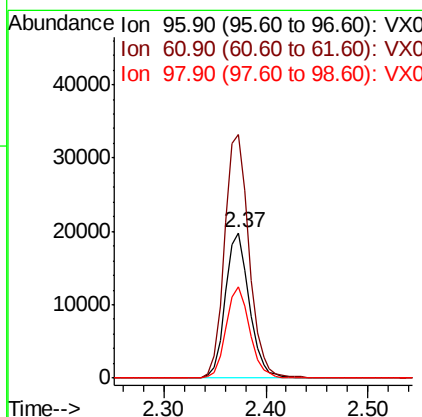
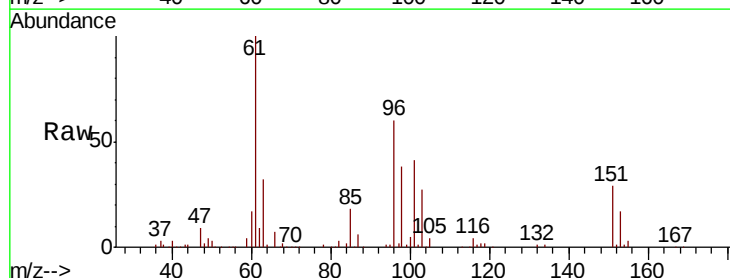
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

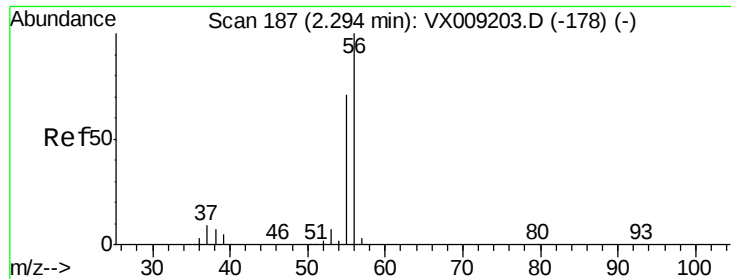
Tot Ion: 59 Resp: 47738
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.681 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 96 Resp: 32171
Ion Ratio Lower Upper
96 100
61 167.3 144.3 216.5
98 63.0 50.3 75.5





#13

Acrolein

Concen: 57.383 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

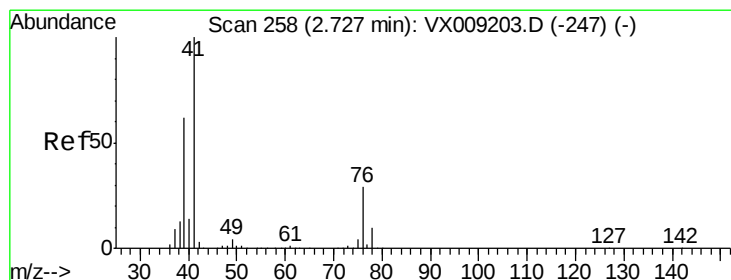
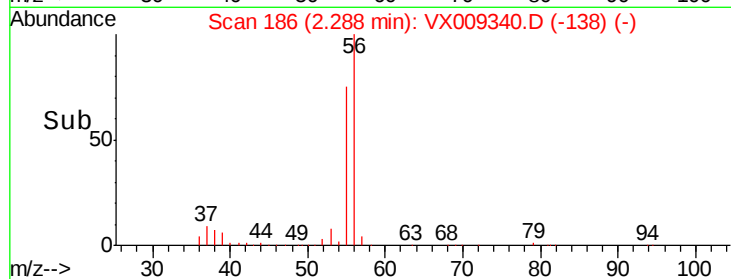
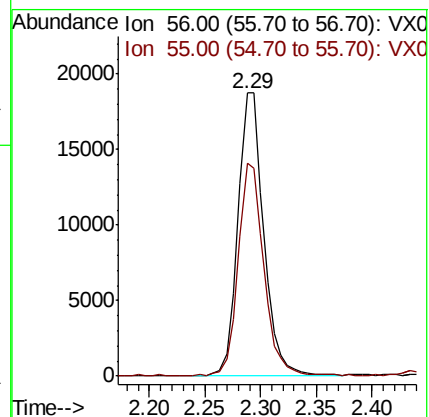
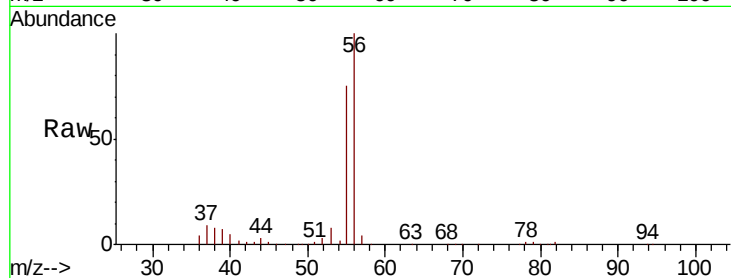
VX0506WBS01

Tot Ion: 56 Resp: 30139

Ion Ratio Lower Upper

56 100

55 75.3 56.6 85.0



#14

Allyl chloride

Concen: 17.374 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

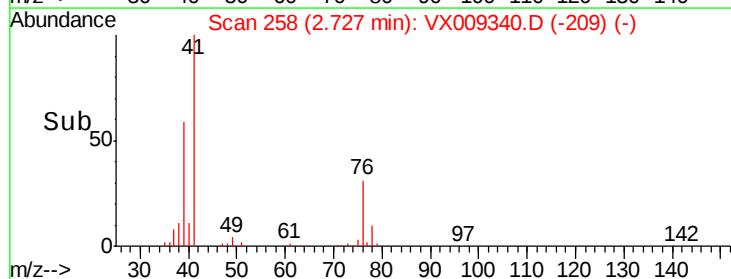
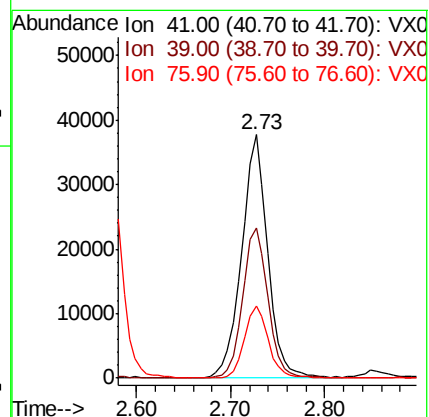
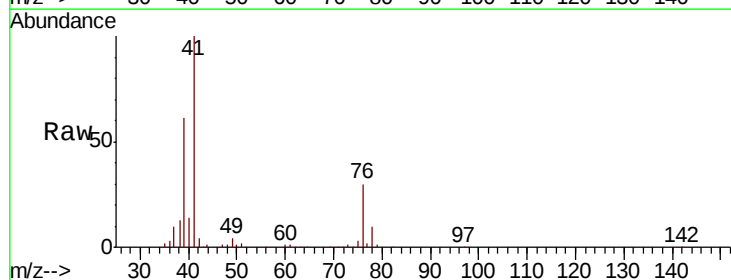
Tgt Ion: 41 Resp: 72913

Ion Ratio Lower Upper

41 100

39 60.3 46.7 70.1

76 27.5 21.8 32.8





#15

Acrylonitrile

Concen: 87.649 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

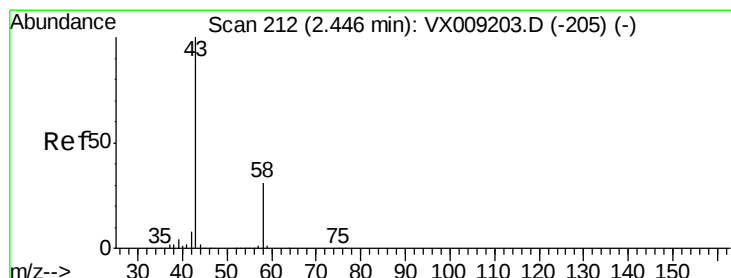
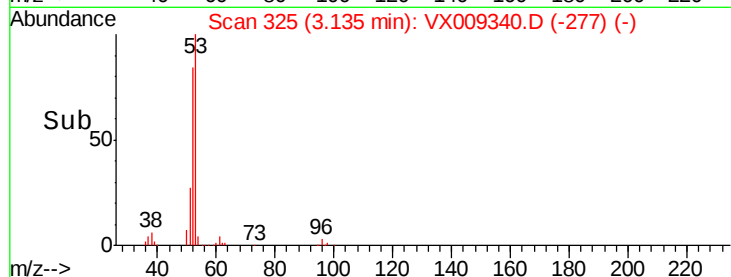
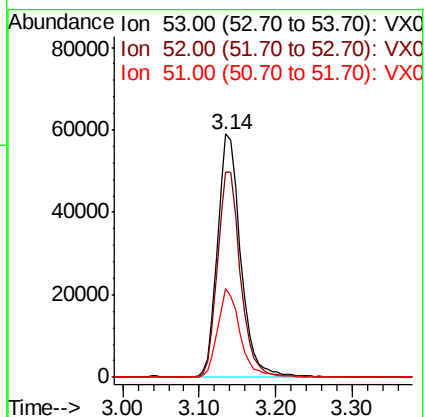
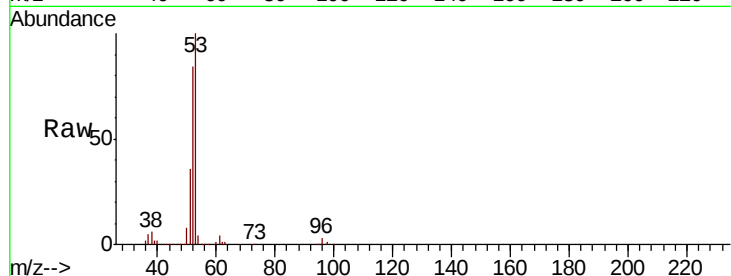
Tot Ion: 53 Resp: 124290

Ion Ratio Lower Upper

53 100

52 83.2 66.9 100.3

51 35.7 28.2 42.2



#16

Acetone

Concen: 86.856 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009340.D

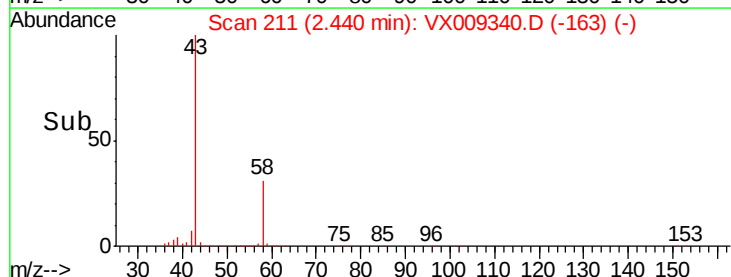
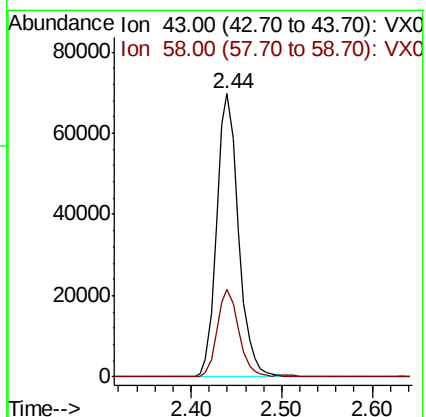
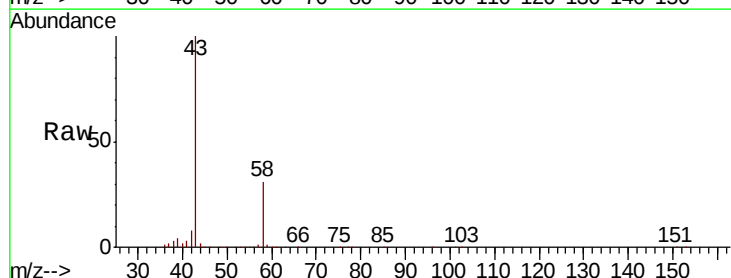
Acq: 06 May 2019 11:11

Tgt Ion: 43 Resp: 116852

Ion Ratio Lower Upper

43 100

58 30.9 24.9 37.3

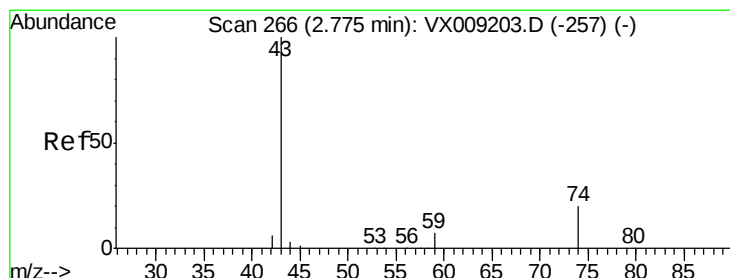
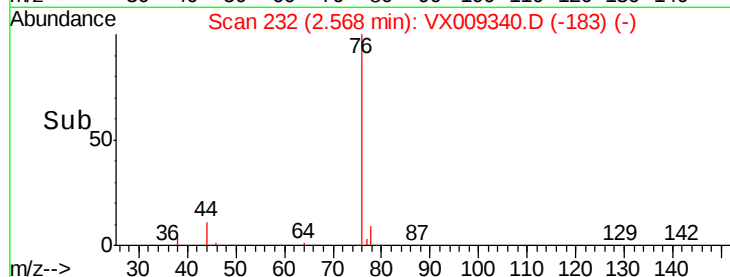
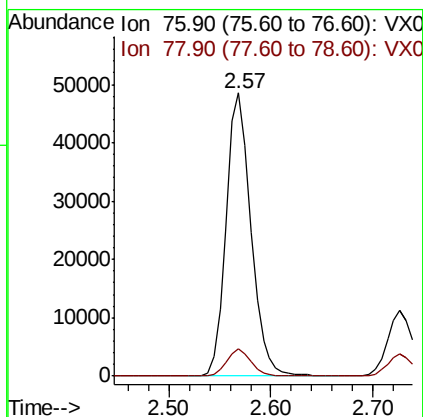
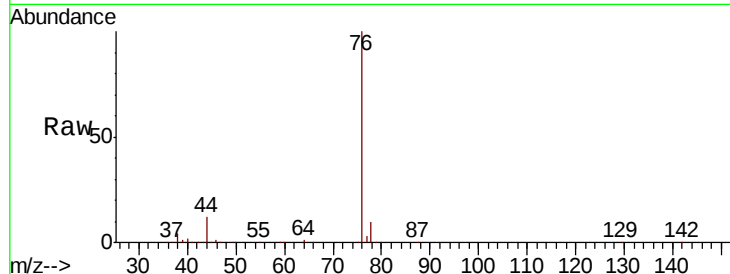




#17
Carbon Disulfide
Concen: 16.894 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

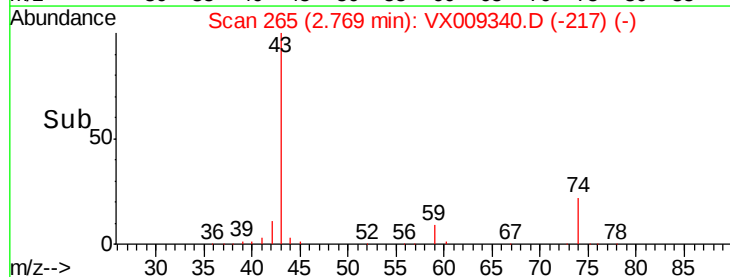
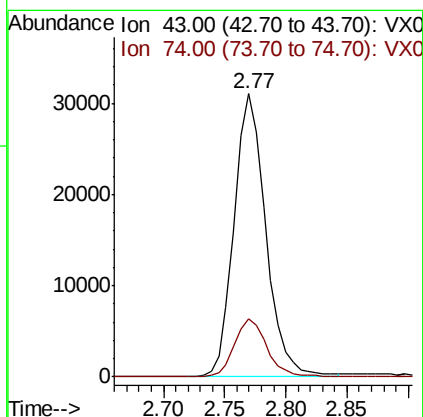
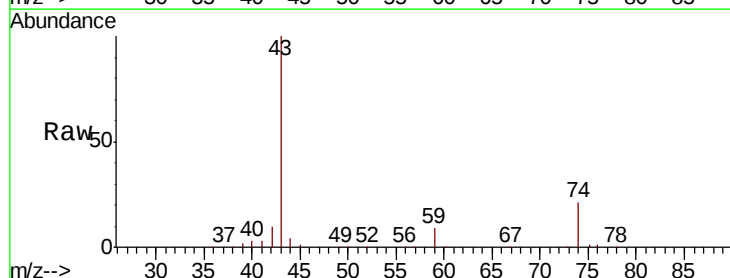
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

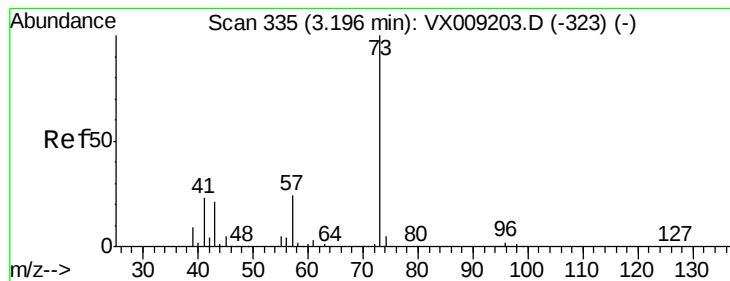
Tot Ion: 76 Resp: 81682
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 17.310 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 43 Resp: 55384
Ion Ratio Lower Upper
43 100
74 21.2 16.2 24.4



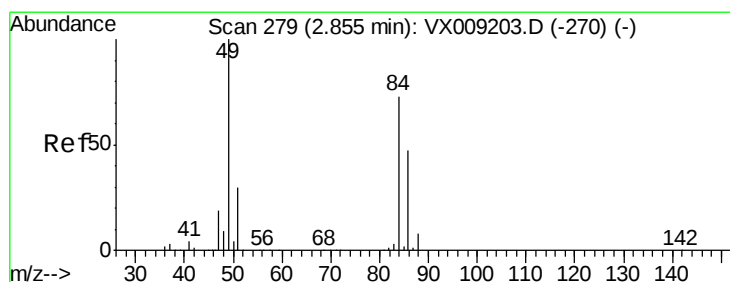
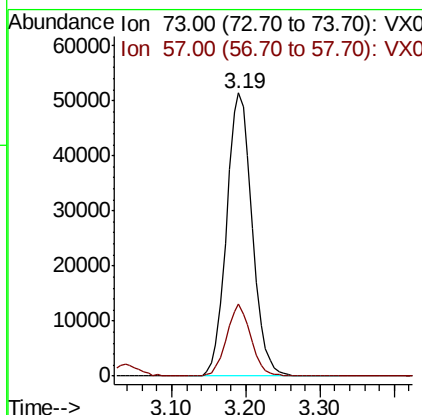
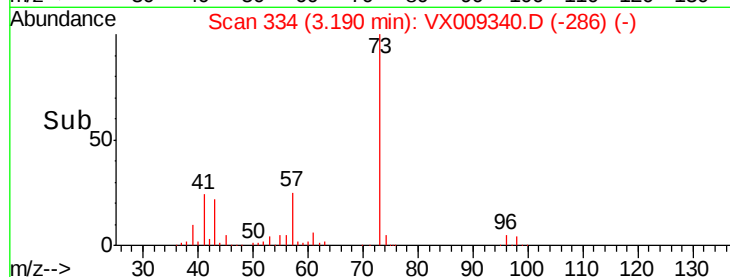
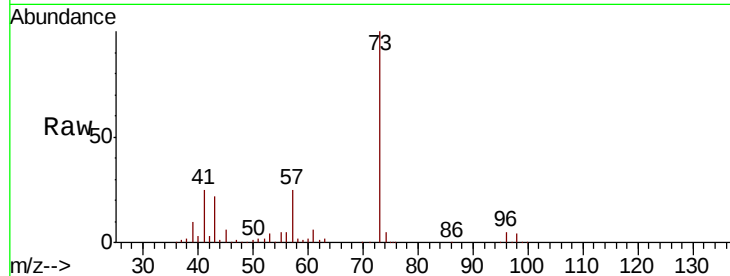


#19

Methyl tert-butyl Ether
 Concen: 18.420 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

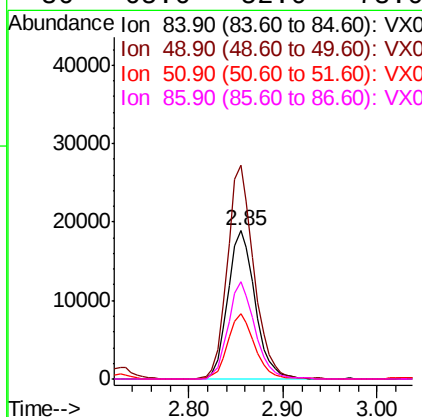
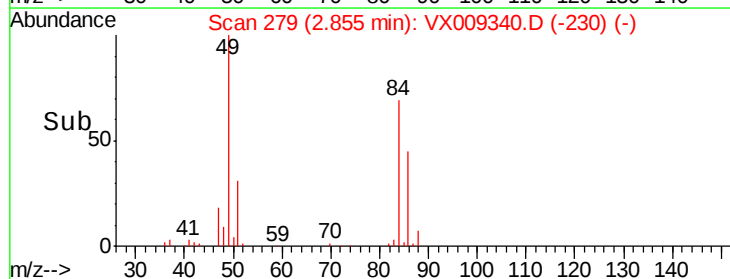
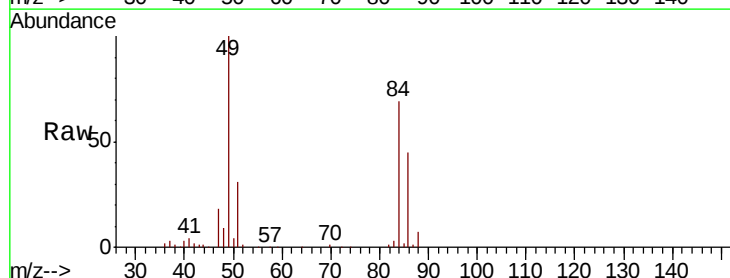
Tot Ion: 73 Resp: 123184
 Ion Ratio Lower Upper
 73 100
 57 25.4 19.3 28.9



#20

Methylene Chloride
 Concen: 17.354 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion: 84 Resp: 37802
 Ion Ratio Lower Upper
 84 100
 49 143.9 109.9 164.9
 51 44.4 32.7 49.1
 86 65.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.003 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

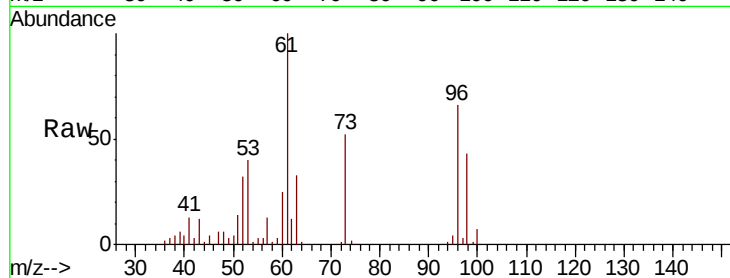
Tot Ion: 96 Resp: 33622

Ion Ratio Lower Upper

96 100

61 151.1 124.5 186.7

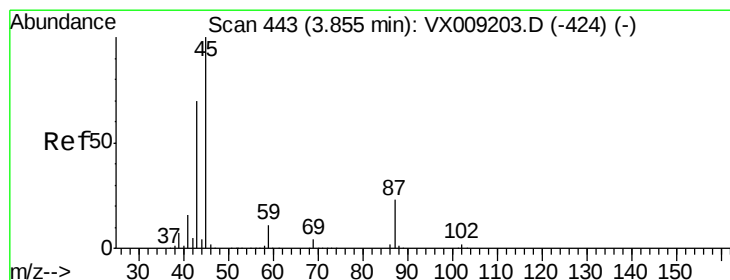
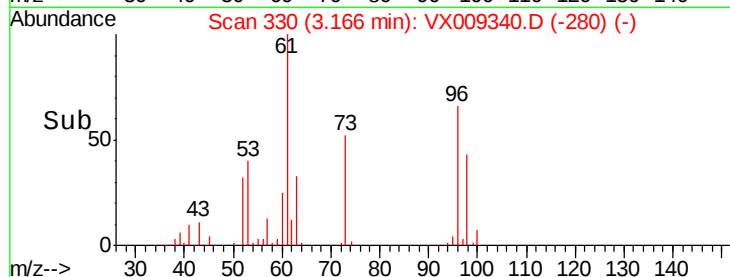
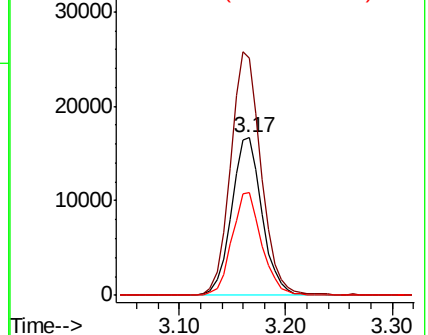
98 64.9 50.4 75.6



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: 18.572 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Tgt Ion: 45 Resp: 149889

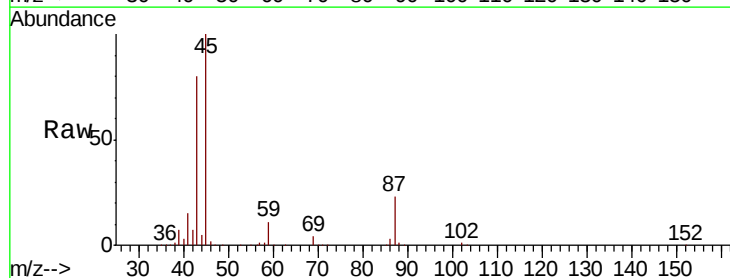
Ion Ratio Lower Upper

45 100

43 79.8 56.1 84.1

87 22.7 18.1 27.1

59 11.1 8.5 12.7

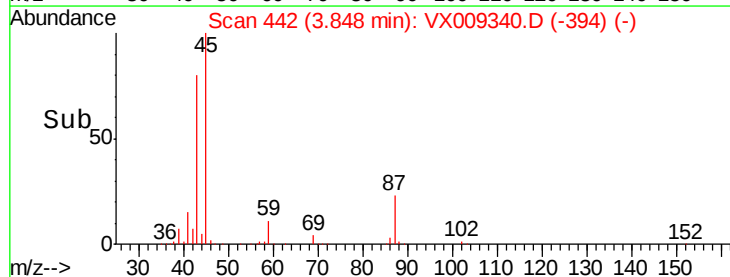
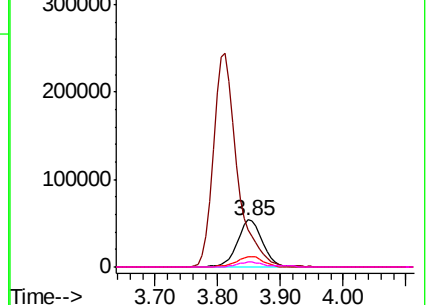


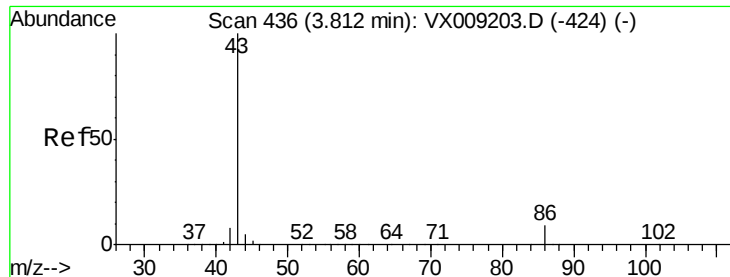
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 92.466 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

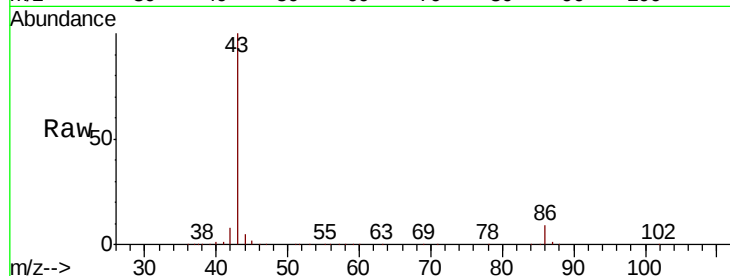
VX0506WBS01

Tot Ion: 43 Resp: 639049

Ion Ratio Lower Upper

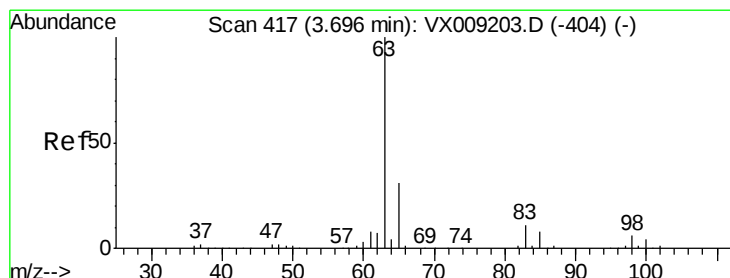
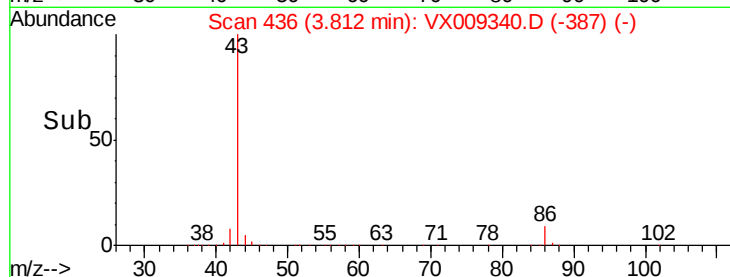
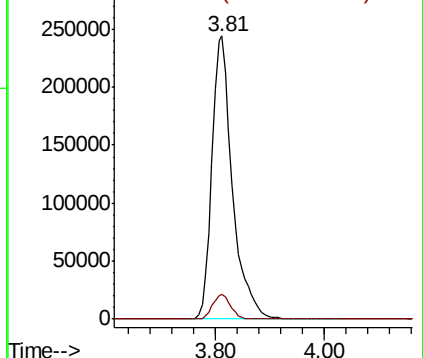
43 100

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



#24

1,1-Dichloroethane

Concen: 17.959 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

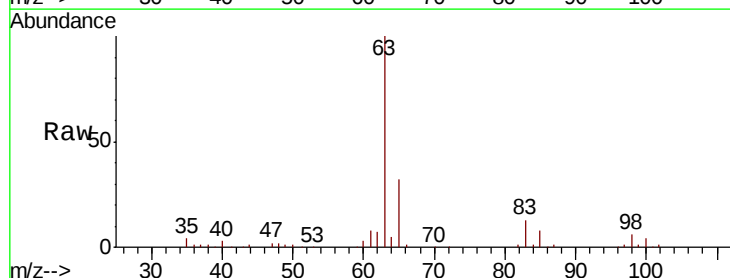
Tgt Ion: 63 Resp: 71503

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

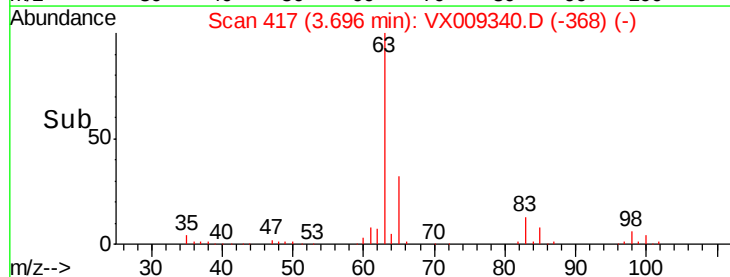
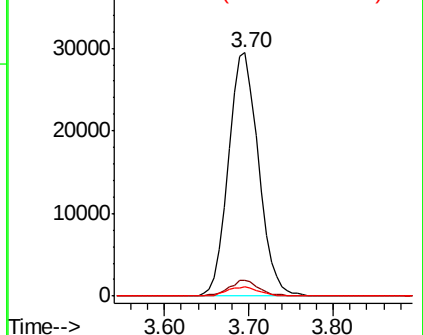
100 3.8 2.0 6.0

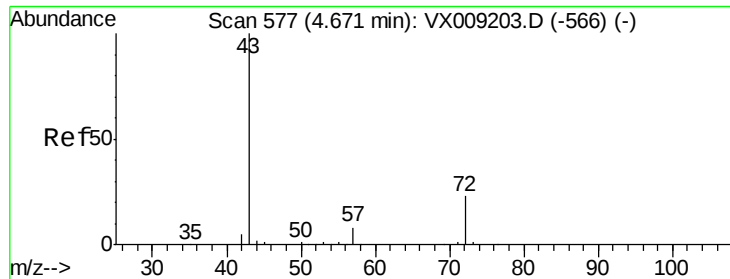


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.605 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

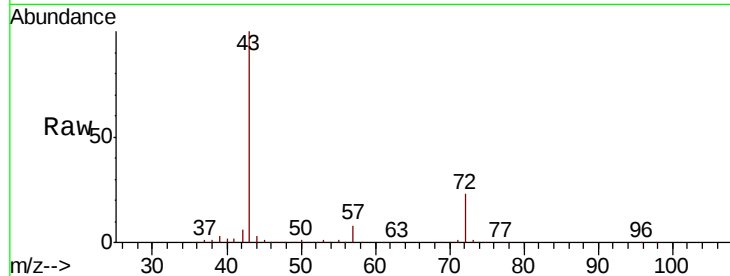
VX0506WBS01

Tot Ion: 43 Resp: 183149

Ion Ratio Lower Upper

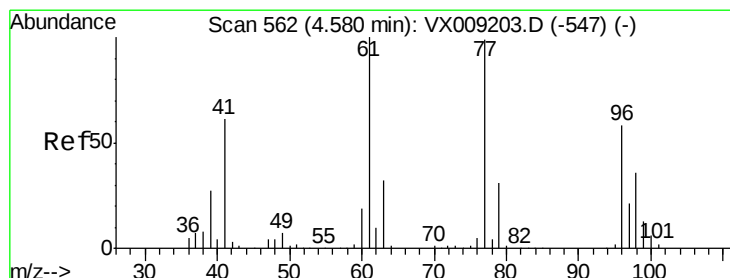
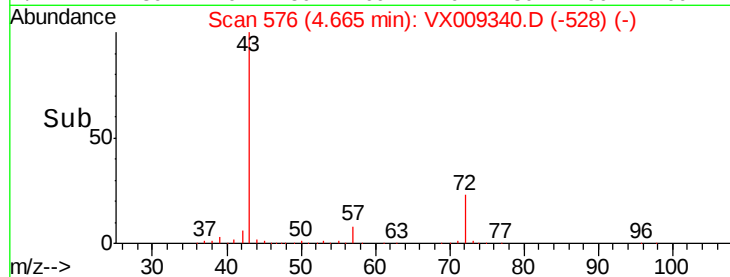
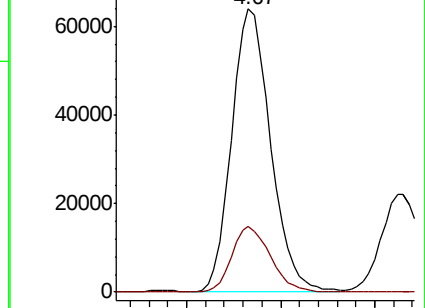
43 100

72 23.3 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: 18.471 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX009340.D

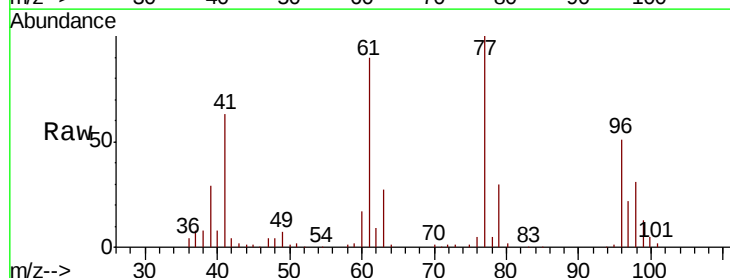
Acq: 06 May 2019 11:11

Tgt Ion: 77 Resp: 54741

Ion Ratio Lower Upper

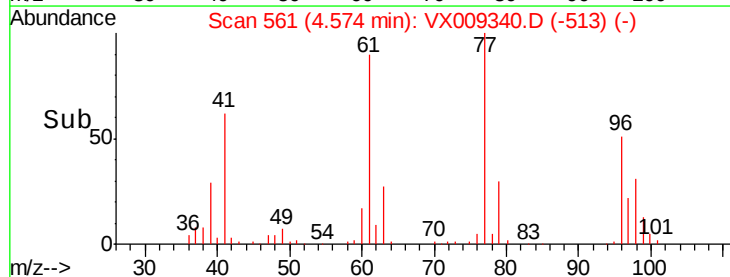
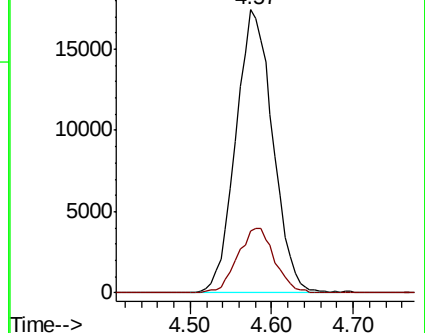
77 100

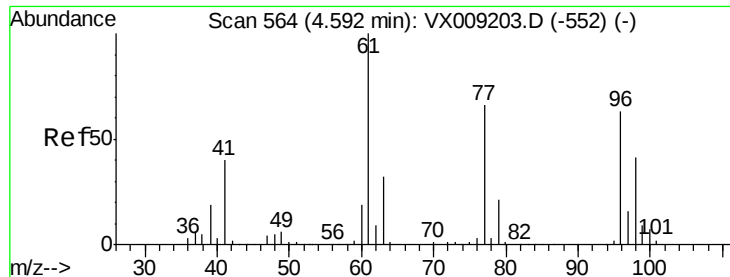
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



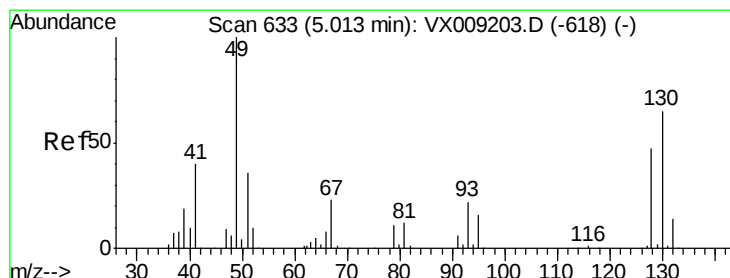
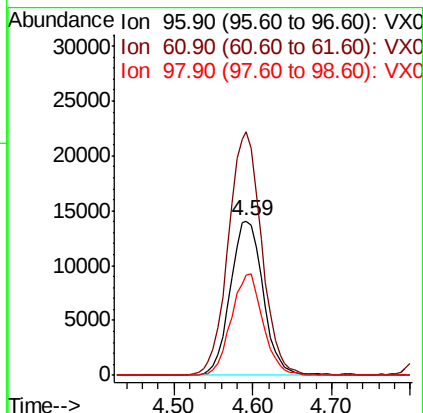
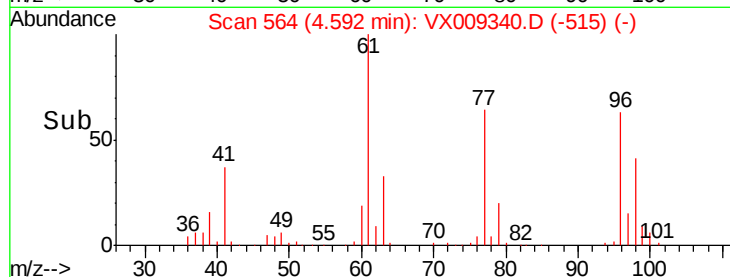
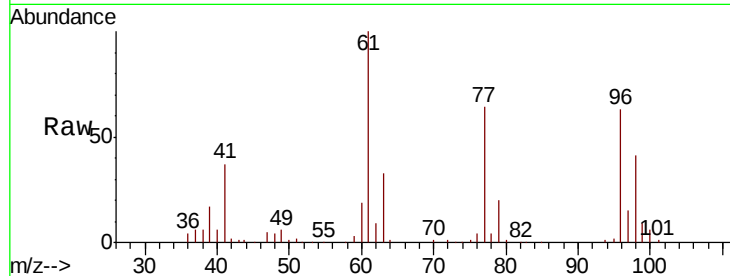


#27

cis-1,2-Dichloroethene
Concen: 18.276 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

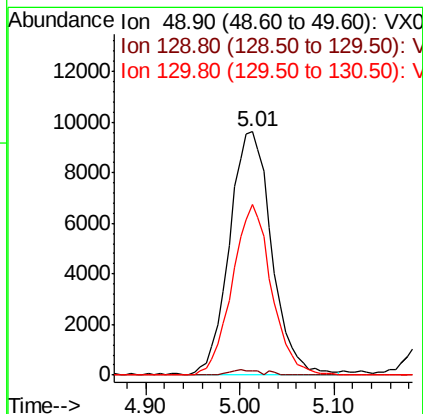
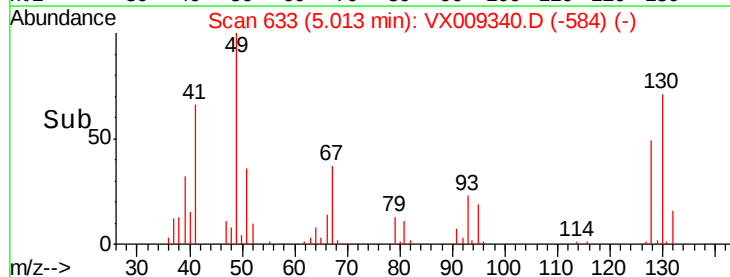
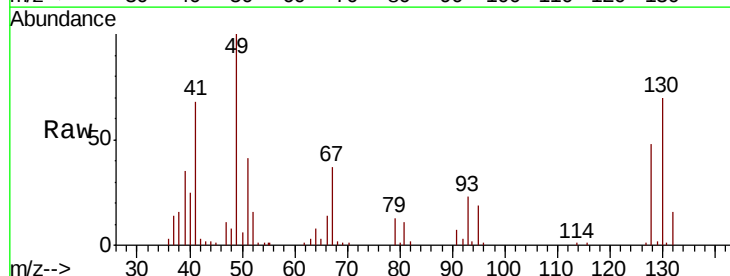
Tot Ion: 96 Resp: 40741
Ion Ratio Lower Upper
96 100
61 160.5 0.0 324.0
98 63.3 0.0 130.4

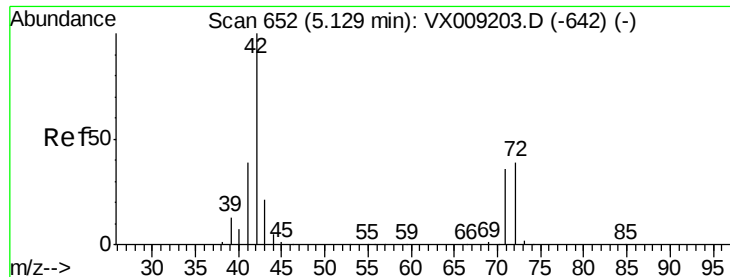


#28

Bromochloromethane
Concen: 16.926 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 49 Resp: 30034
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.8
130 65.1 51.2 76.8

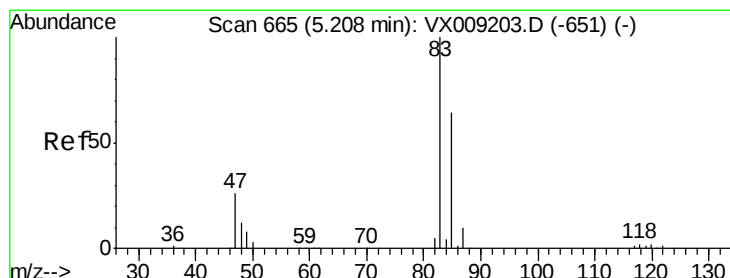
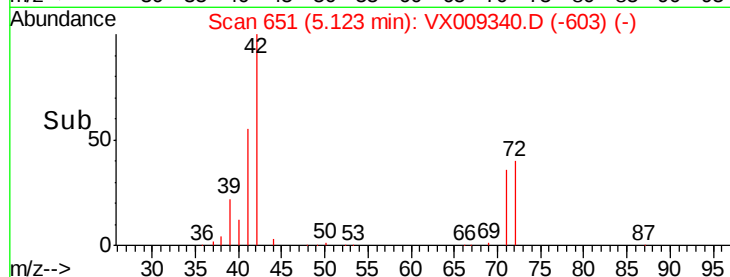
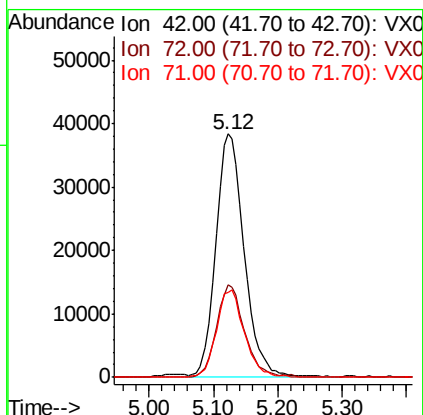
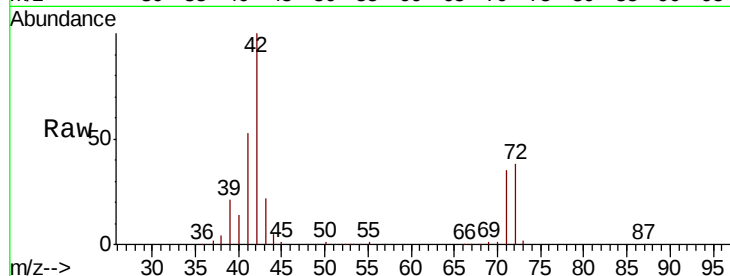




#29
Tetrahydrofuran
Concen: 87.735 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

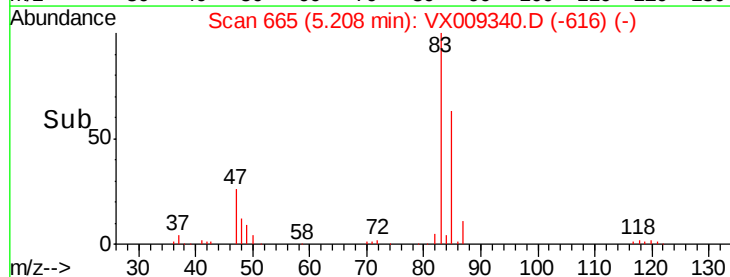
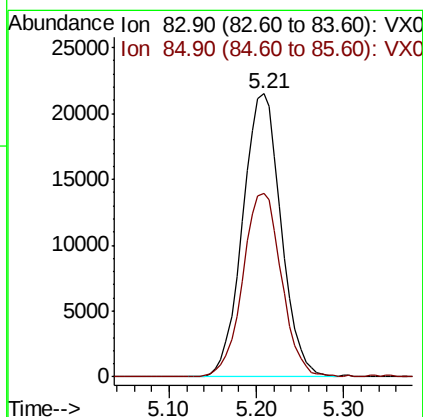
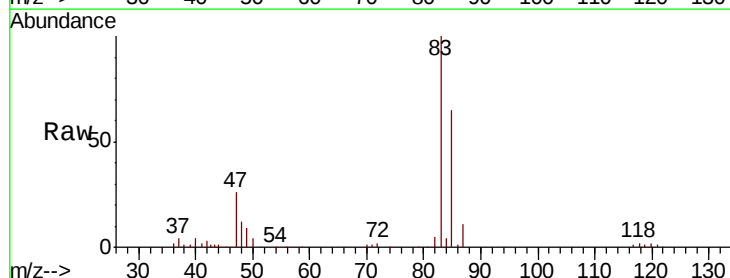
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

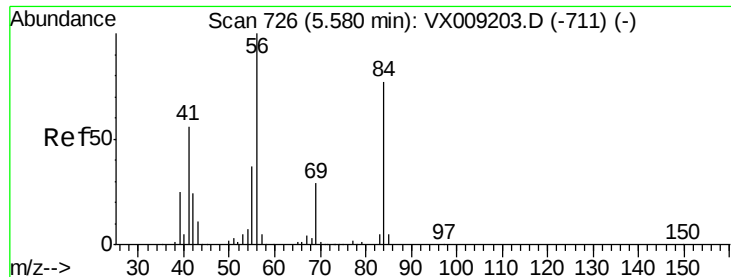
Tot Ion: 42 Resp: 118031
Ion Ratio Lower Upper
42 100
72 38.0 30.4 45.6
71 35.9 28.6 43.0



#30
Chloroform
Concen: 18.263 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 83 Resp: 65765
Ion Ratio Lower Upper
83 100
85 65.0 51.5 77.3

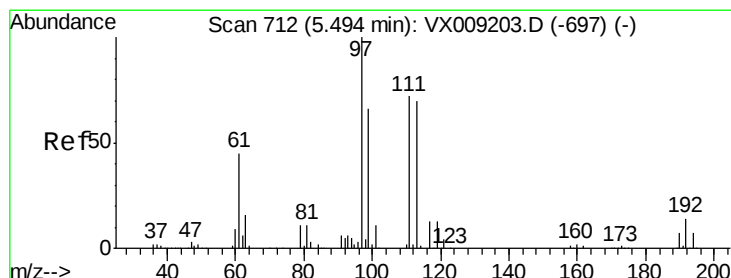
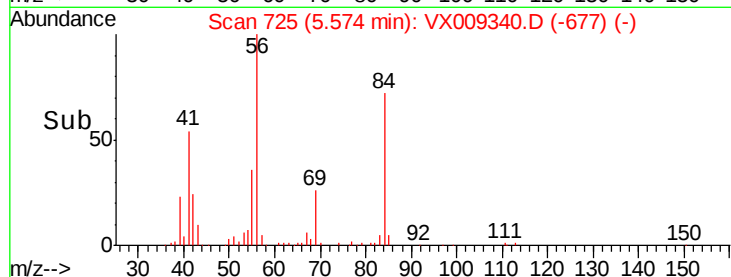
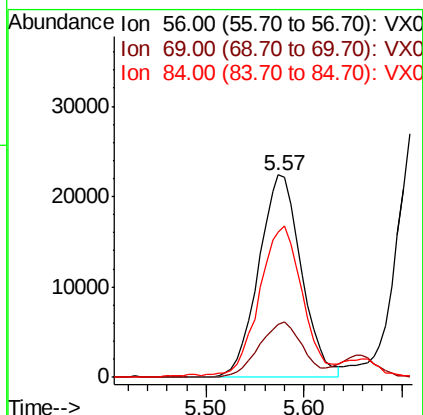
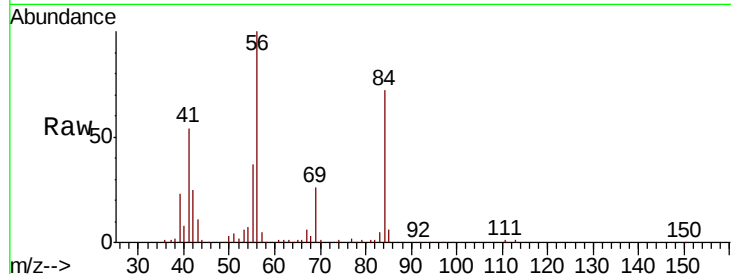




#31
Cyclohexane
Concen: 18.391 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

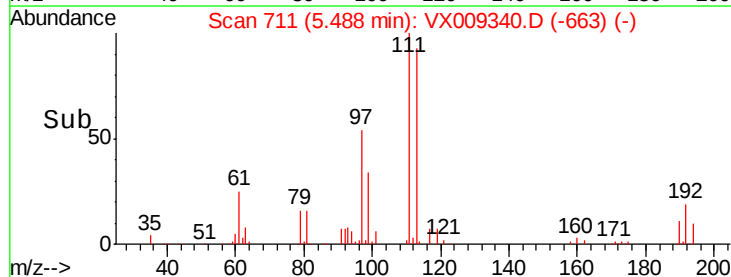
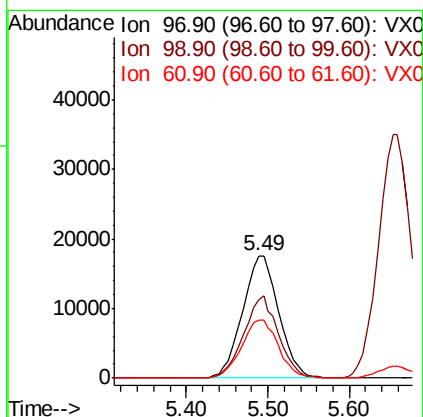
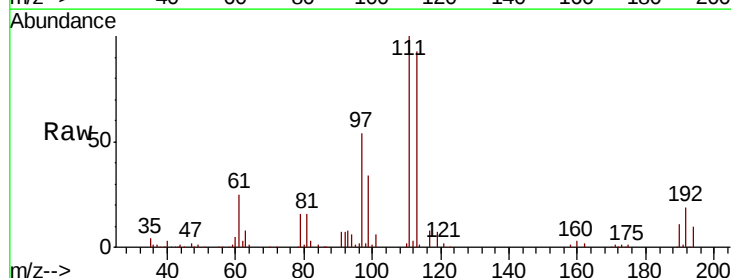
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

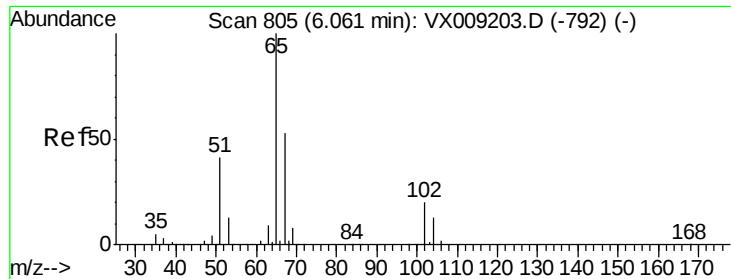
Tot Ion: 56 Resp: 68126
Ion Ratio Lower Upper
56 100
69 25.9 23.4 35.0
84 70.6 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 18.066 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 97 Resp: 54155
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 48.7 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 48.948 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

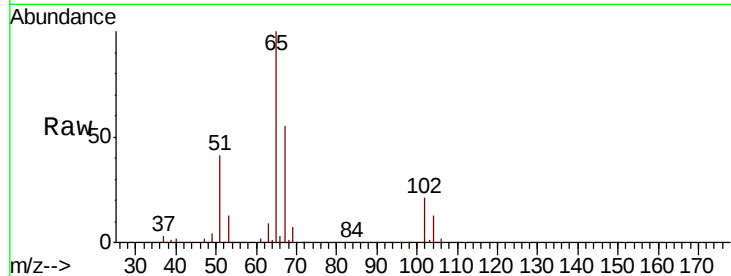
VX0506WBS01

Tot Ion: 65 Resp: 122638

Ion Ratio Lower Upper

65 100

67 54.0 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

50000

40000

30000

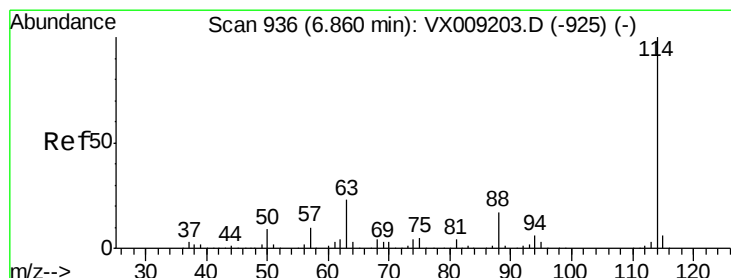
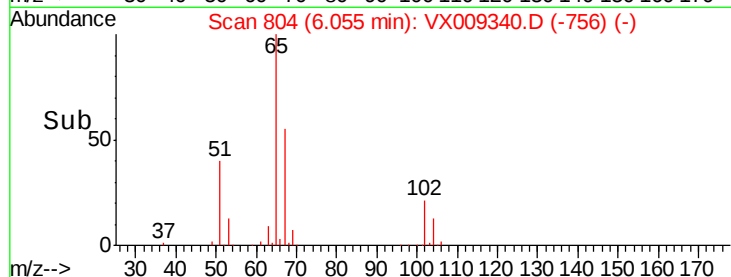
20000

10000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

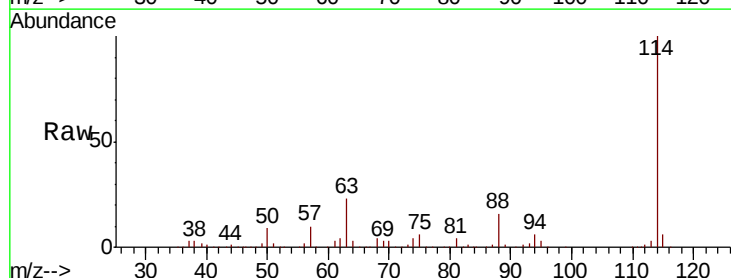
Tgt Ion: 114 Resp: 286548

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 15.9 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

150000

100000

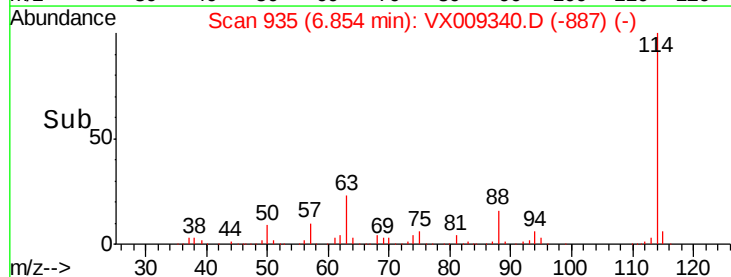
50000

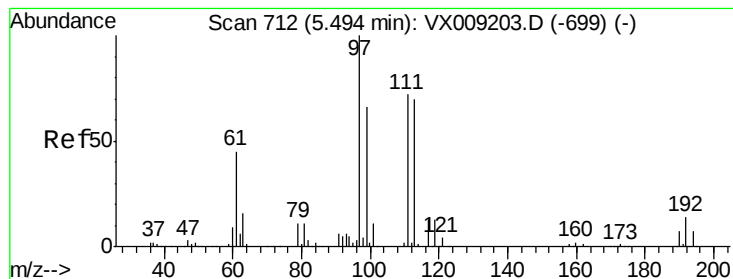
0

6.85

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.888 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

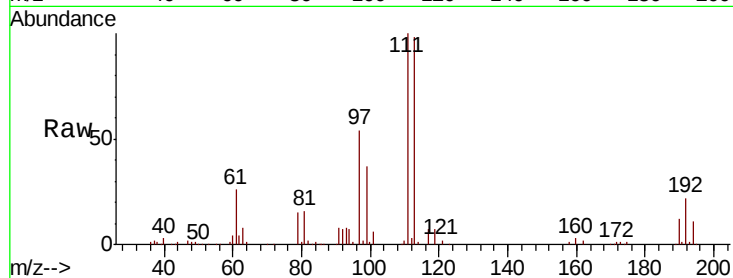
Tot Ion:113 Resp: 91668

Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

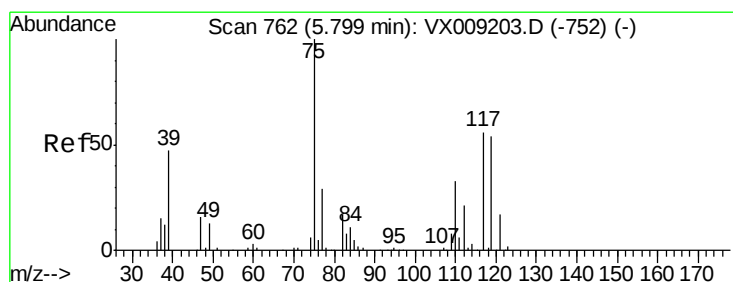
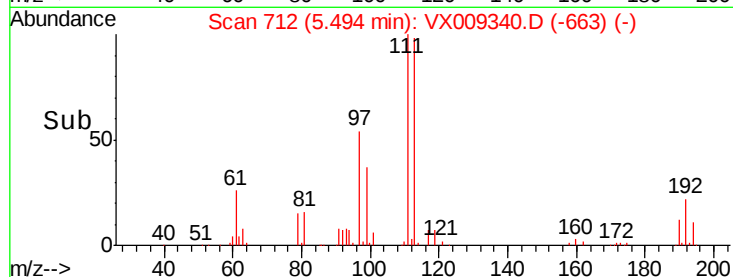
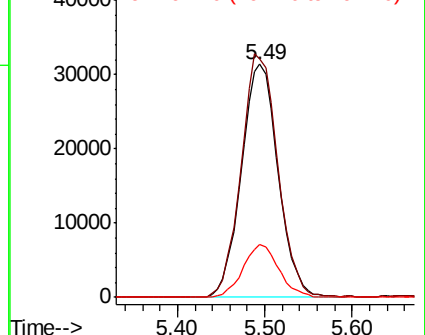
192 22.0 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.526 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

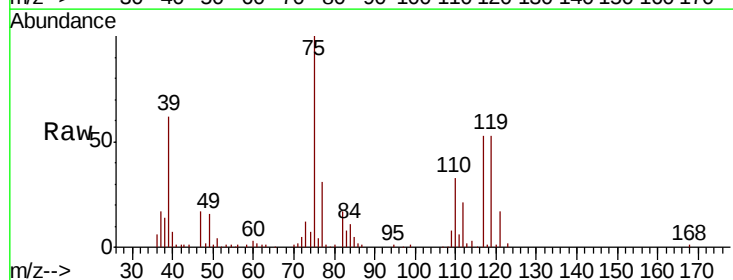
Tgt Ion: 75 Resp: 49333

Ion Ratio Lower Upper

75 100

110 34.5 16.9 50.6

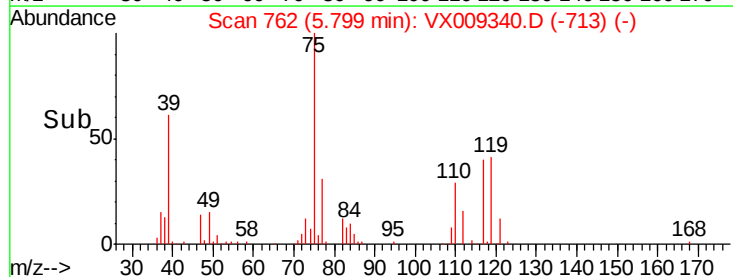
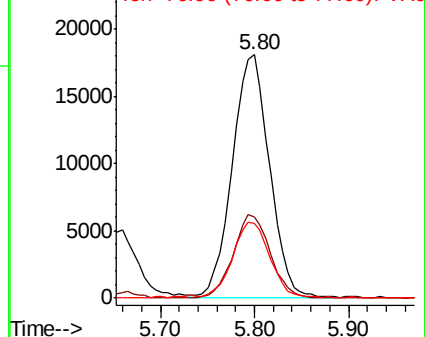
77 31.1 24.8 37.2

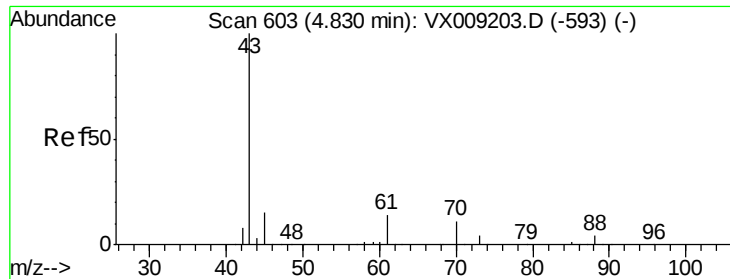


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

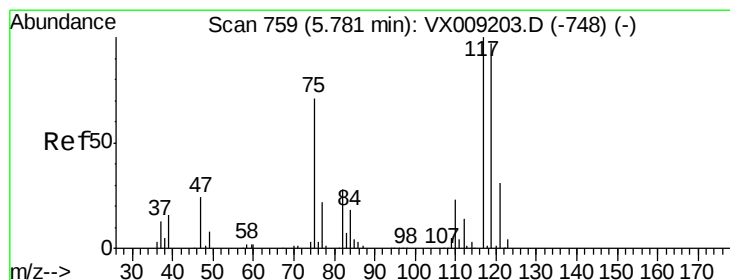
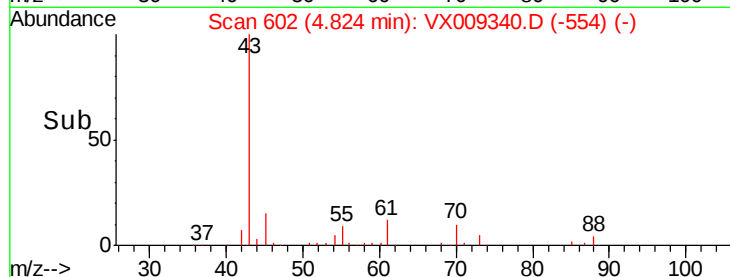
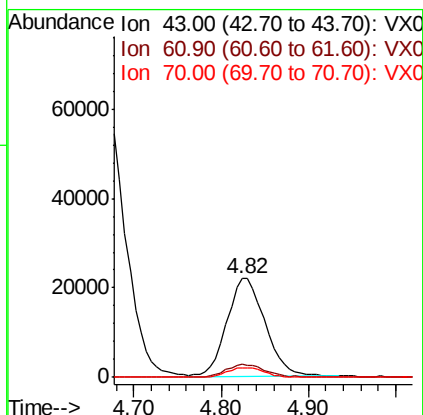
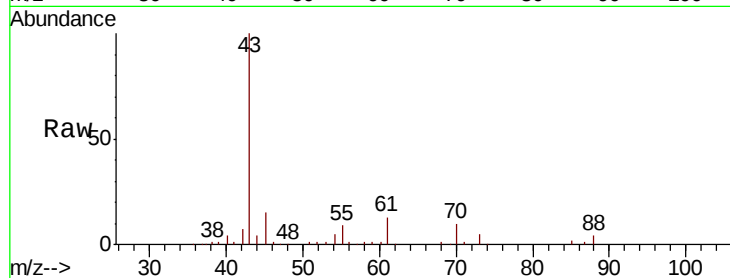




#37
Ethyl Acetate
Concen: 17.975 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

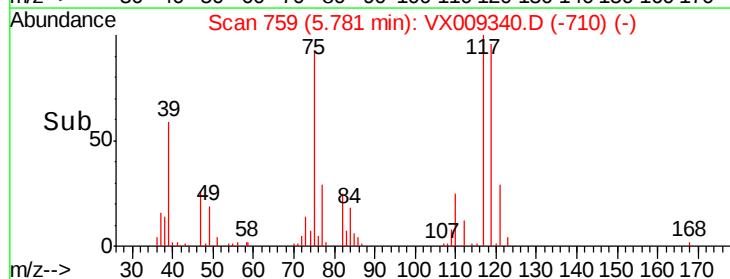
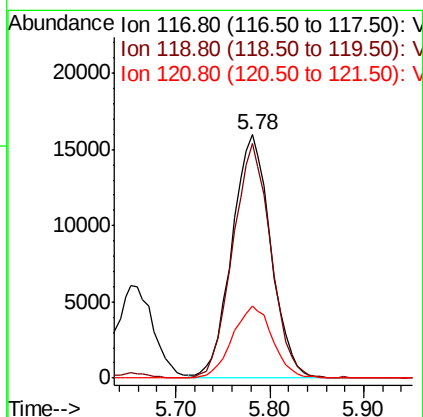
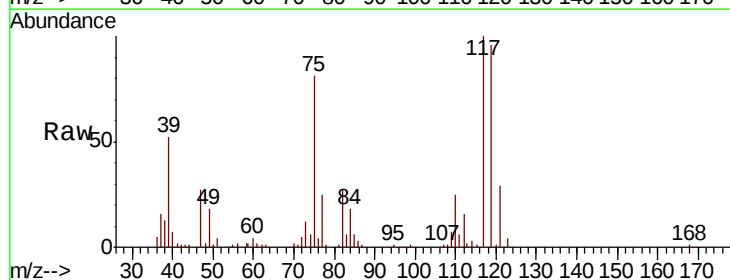
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

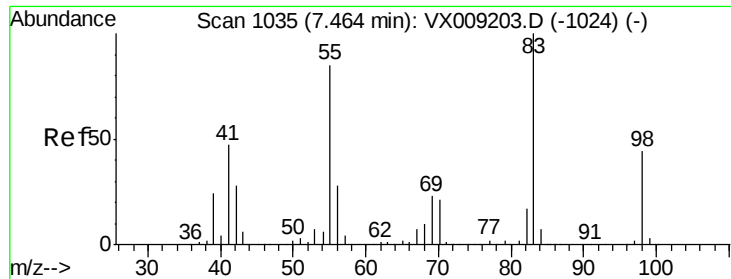
Tot Ion: 43 Resp: 66693
Ion Ratio Lower Upper
43 100
61 14.1 10.5 15.7
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.008 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 117 Resp: 45988
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
121 29.4 24.7 37.1

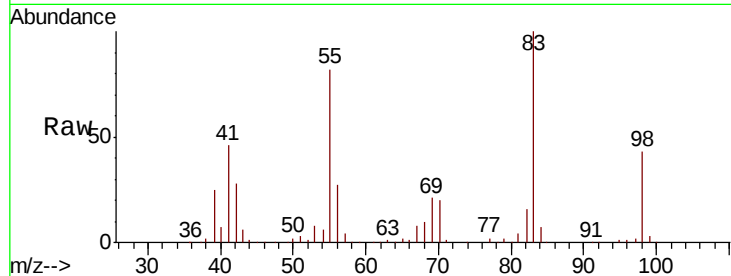




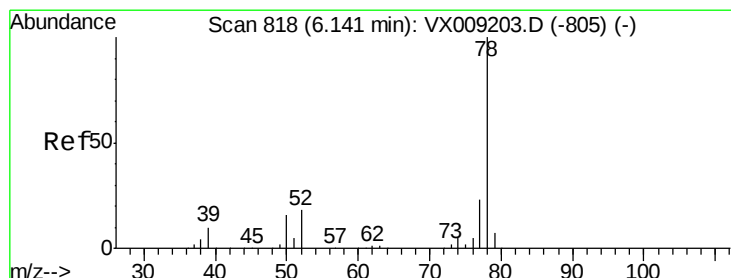
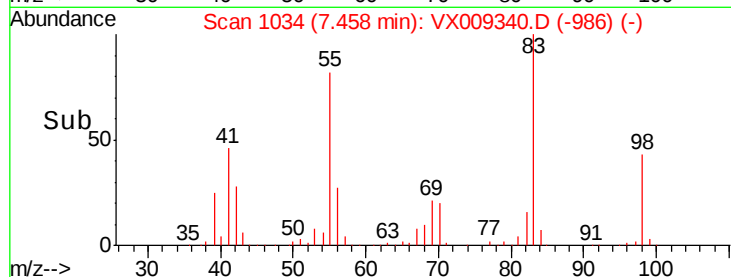
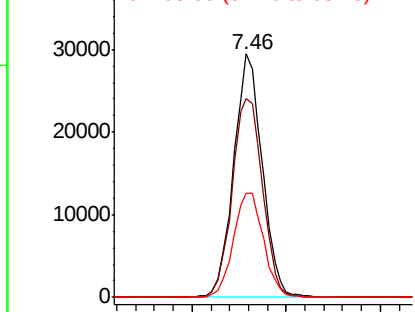
#39
Methvlcvclohexane
Concen: 18.964 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion: 83 Resp: 62019
Ion Ratio Lower Upper
83 100
55 81.5 67.7 101.5
98 42.8 35.5 53.3

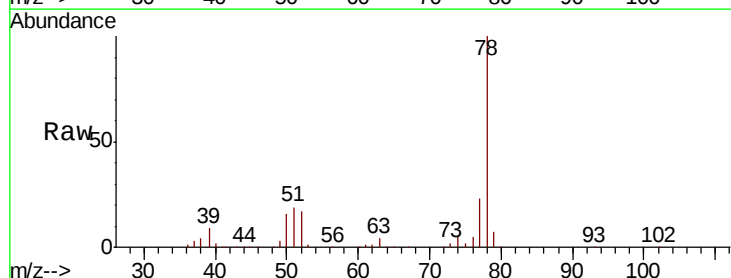


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

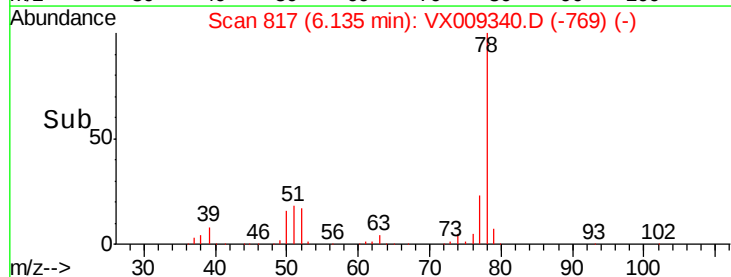
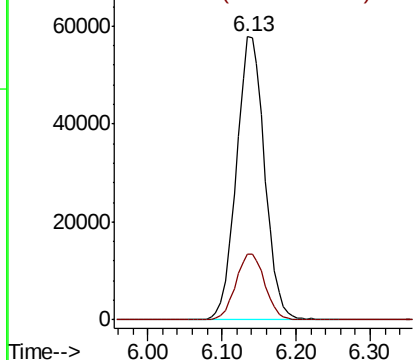


#40
Benzene
Concen: 18.729 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 78 Resp: 154355
Ion Ratio Lower Upper
78 100
77 23.1 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: 17.715 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 41 Resp: 39125

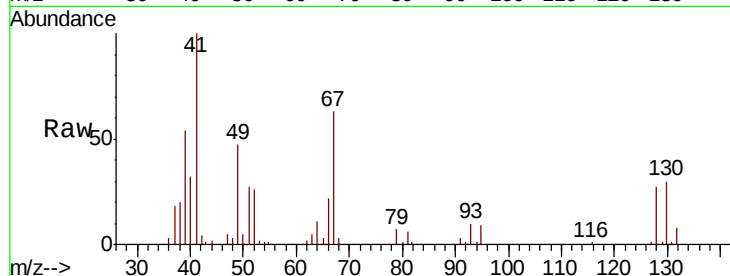
Ion Ratio Lower Upper

41 100

39 53.6 42.0 63.0

67 64.0 49.8 74.8

52 27.4 20.3 30.5



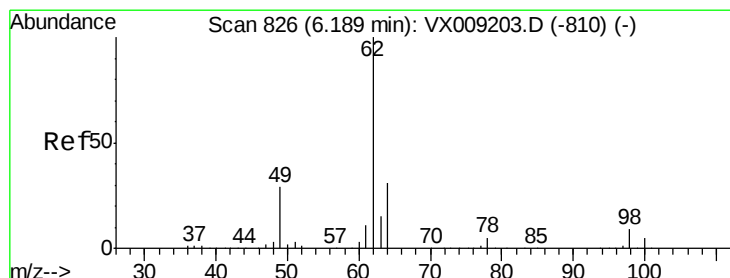
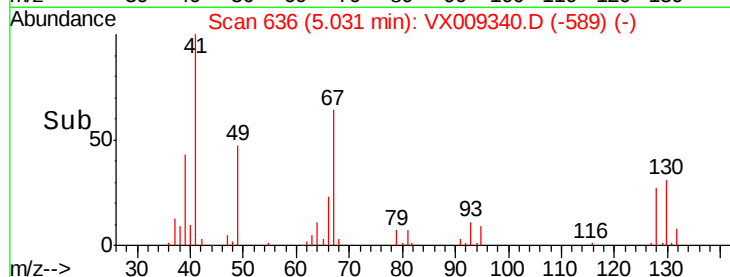
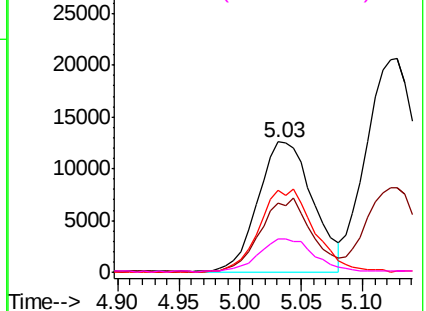
Abundance

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: 18.962 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009340.D

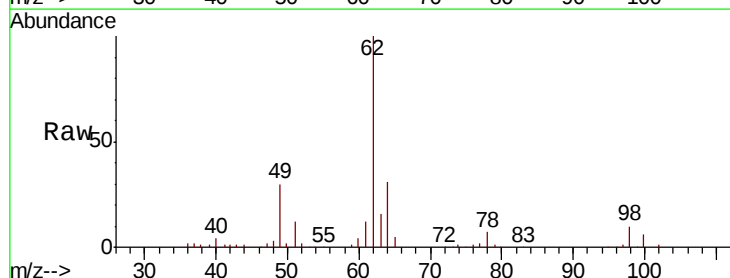
Acq: 06 May 2019 11:11

Tgt Ion: 62 Resp: 56057

Ion Ratio Lower Upper

62 100

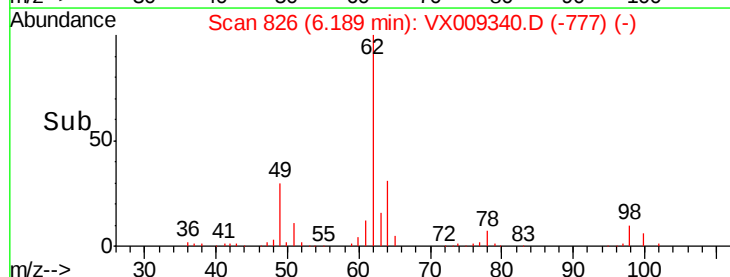
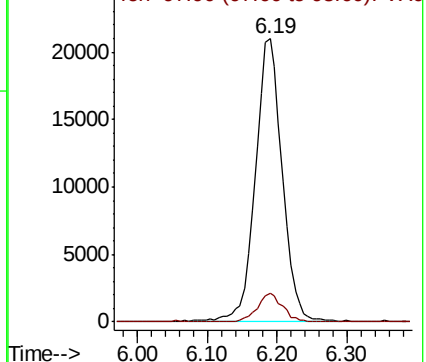
98 9.4 0.0 18.2

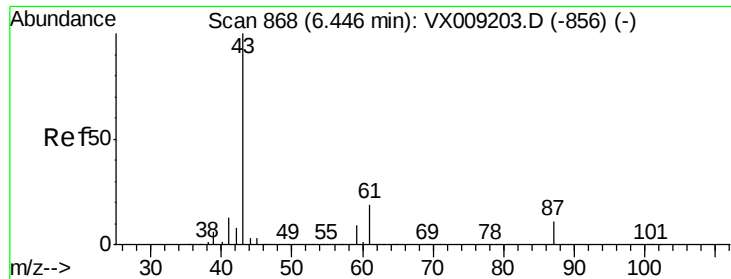


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



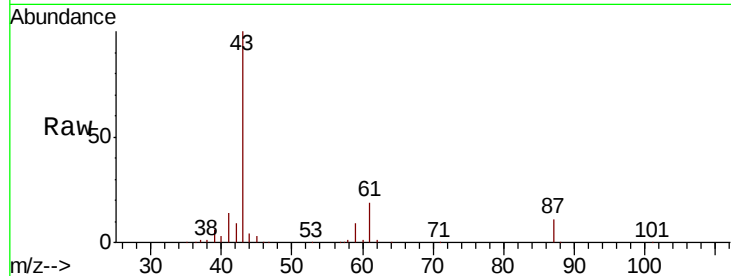


#43

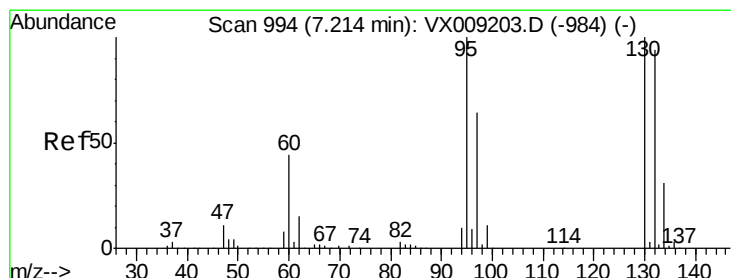
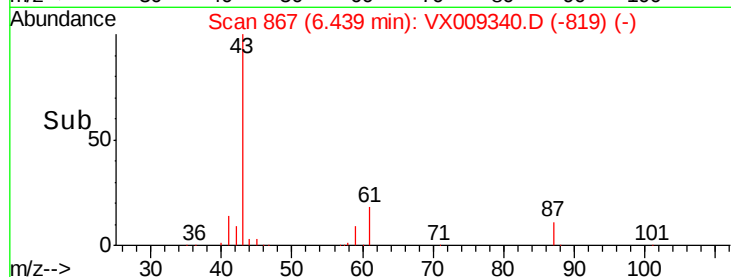
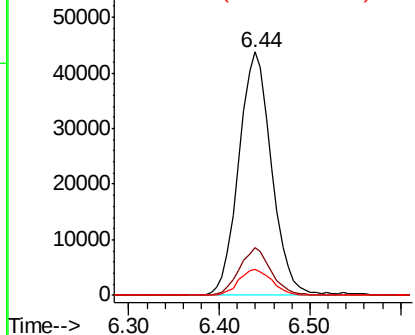
Isopropyl Acetate
 Concen: 18.445 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion: 43 Resp: 109468
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.1 22.7
 87 11.0 9.0 13.6



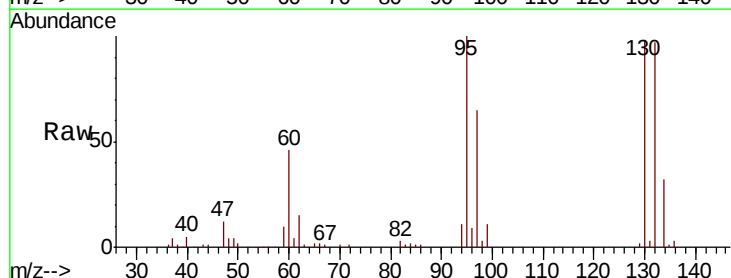
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



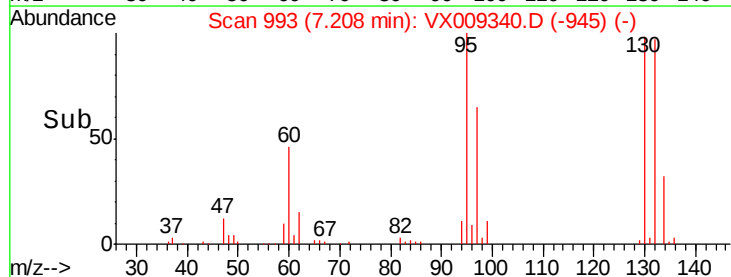
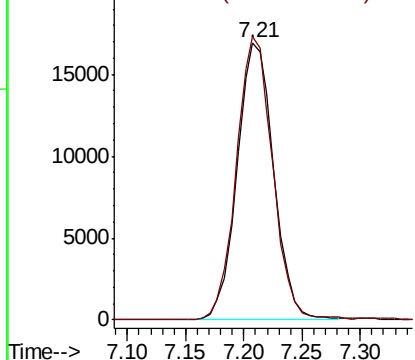
#44

Trichloroethene
 Concen: 18.591 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion:130 Resp: 37039
 Ion Ratio Lower Upper
 130 100
 95 102.2 0.0 199.2



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

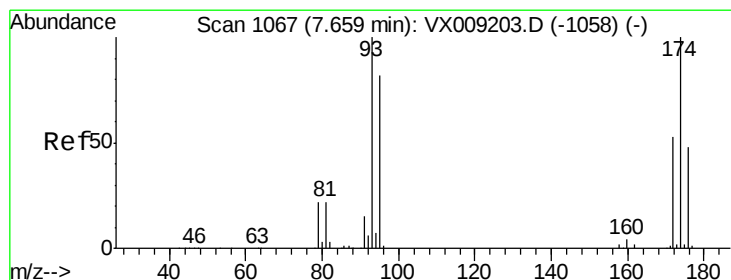
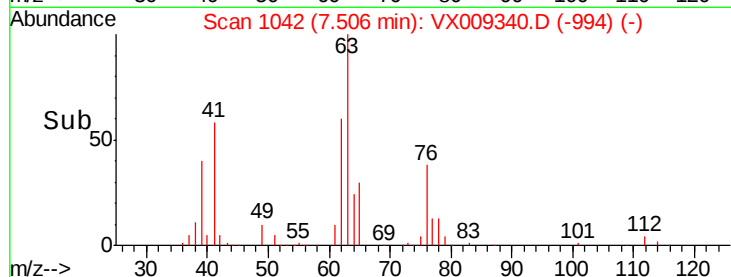
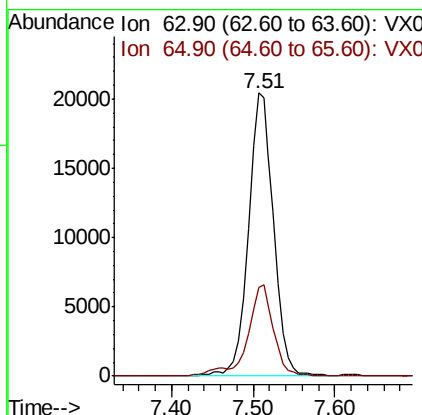
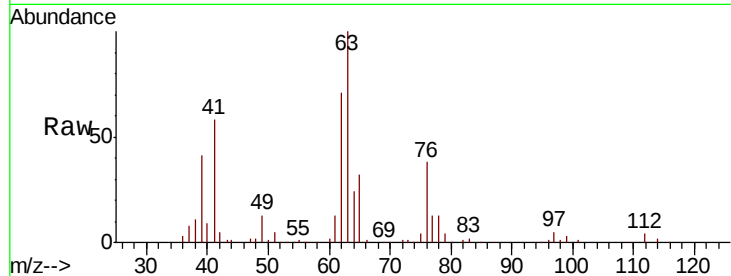




#45
 1,2-Dichloropropane
 Concen: 18.766 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

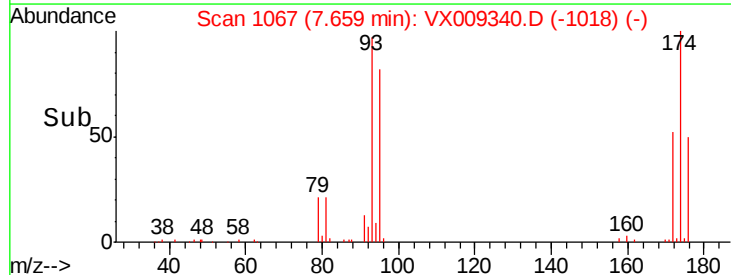
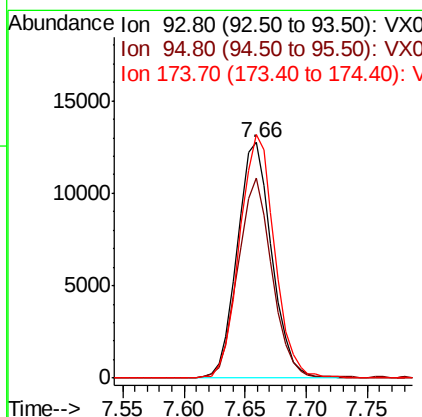
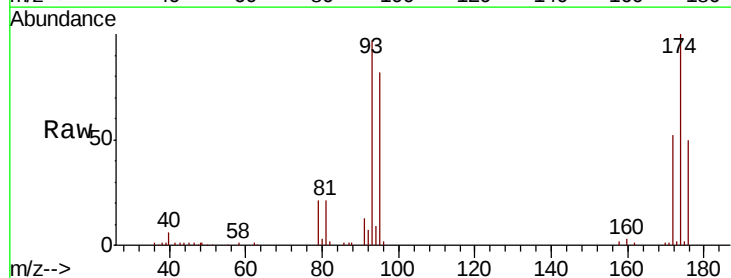
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion: 63 Resp: 43793
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6



#46
 Dibromomethane
 Concen: 18.401 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion: 93 Resp: 24936
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 104.7 82.1 123.1





#47

Bromodichloromethane

Concen: 18.860 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

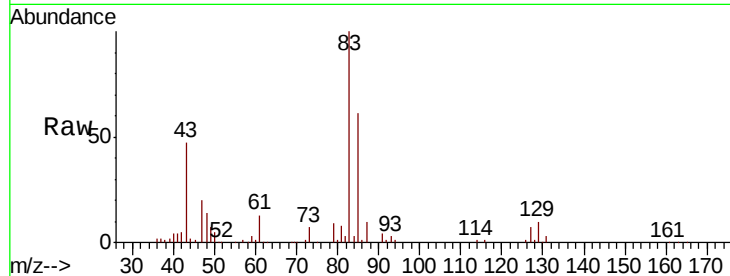
Tot Ion: 83 Resp: 50981

Ion Ratio Lower Upper

83 100

85 60.8 52.4 78.6

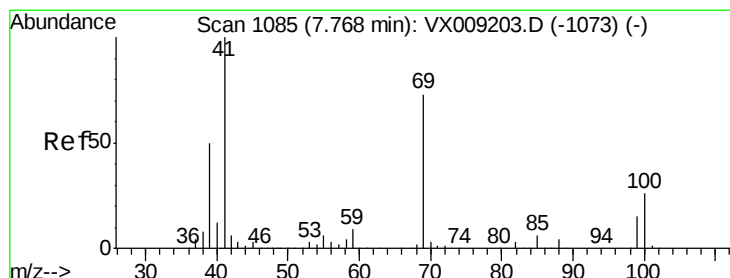
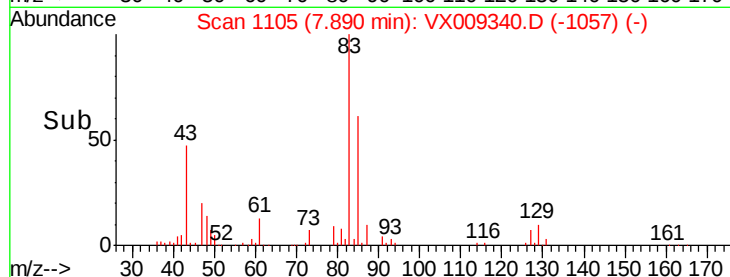
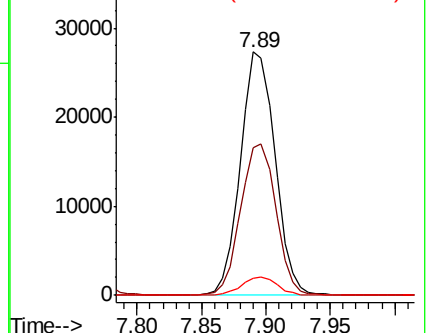
127 7.0 6.6 10.0



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: 18.067 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

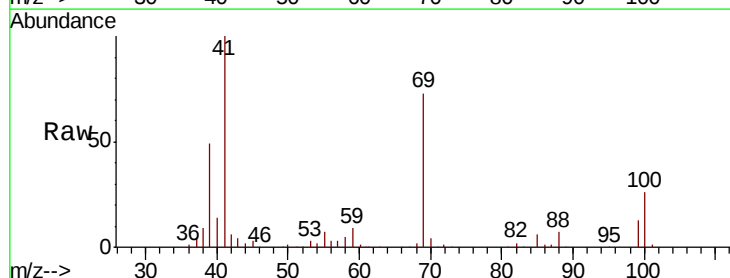
Tgt Ion: 41 Resp: 53196

Ion Ratio Lower Upper

41 100

69 74.6 59.1 88.7

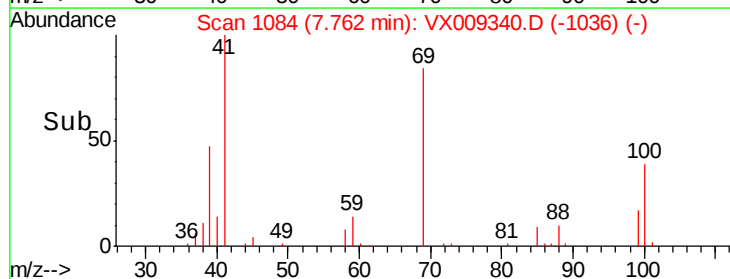
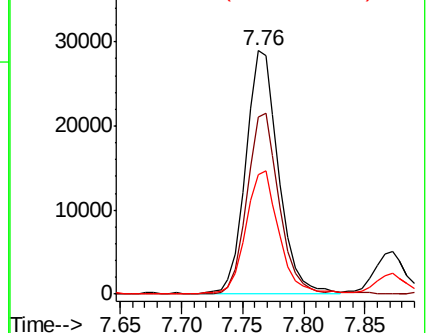
39 52.0 40.4 60.6

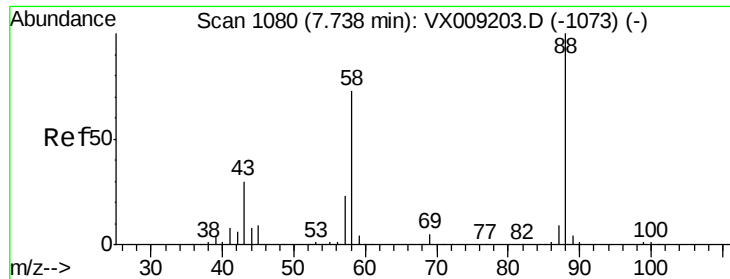


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 331.478 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

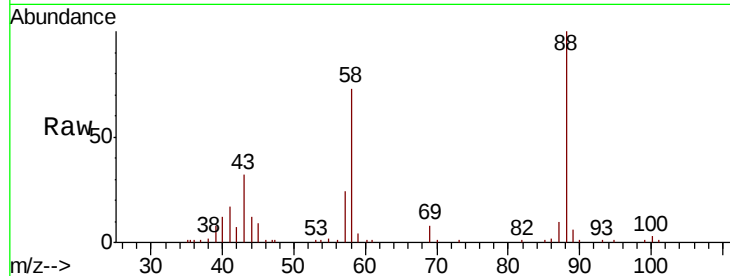
Tot Ion: 88 Resp: 19793

Ion Ratio Lower Upper

88 100

43 34.8 28.6 42.8

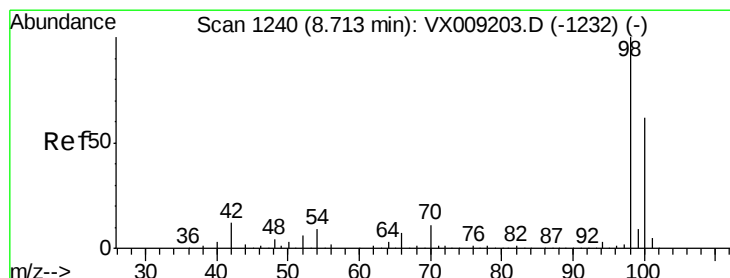
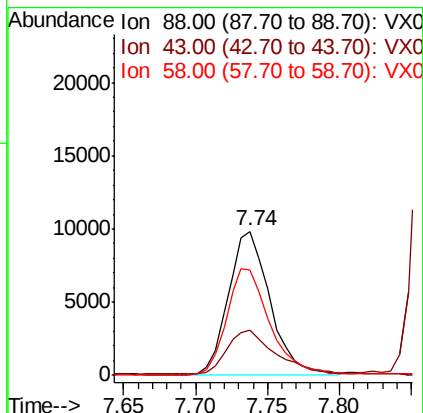
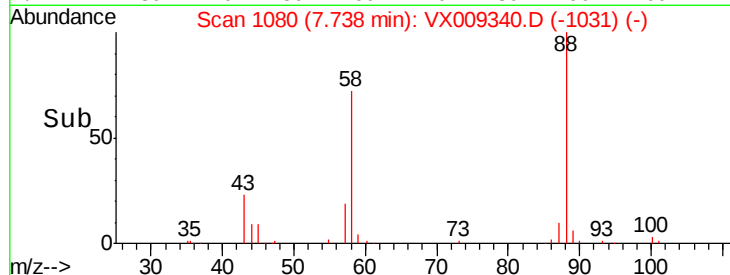
58 78.1 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.579 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009340.D

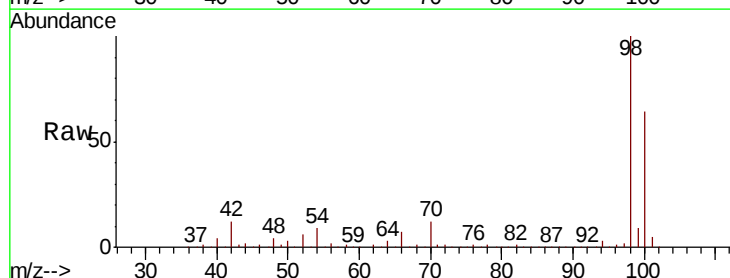
Acq: 06 May 2019 11:11

Tgt Ion: 98 Resp: 375106

Ion Ratio Lower Upper

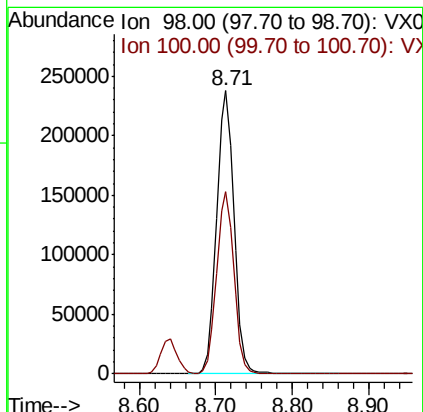
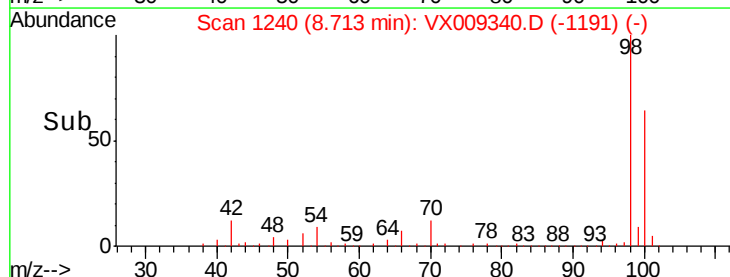
98 100

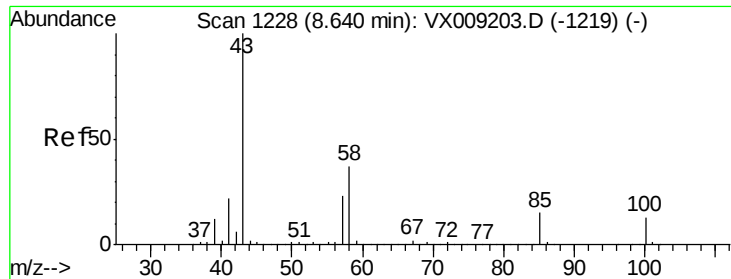
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 90.732 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

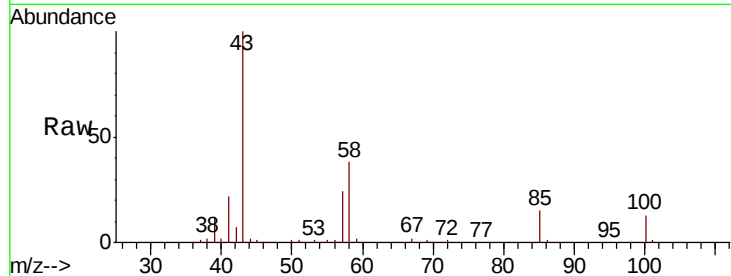
VX0506WBS01

Tot Ion: 43 Resp: 351956

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

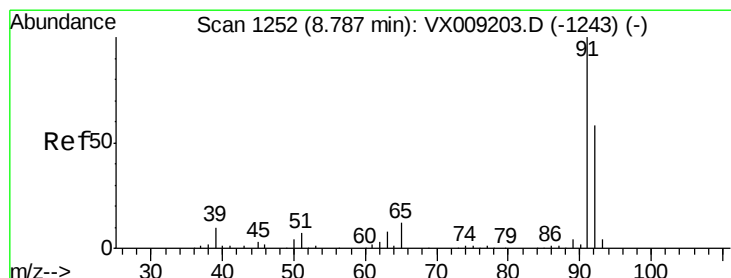
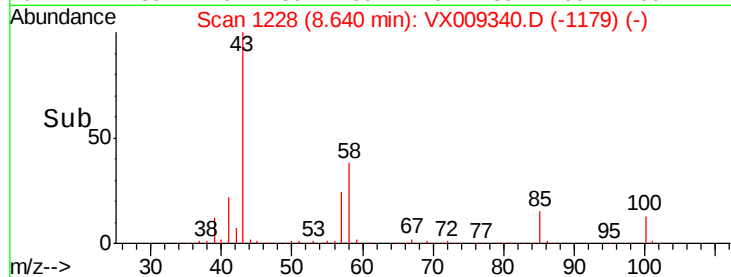
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.917 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009340.D

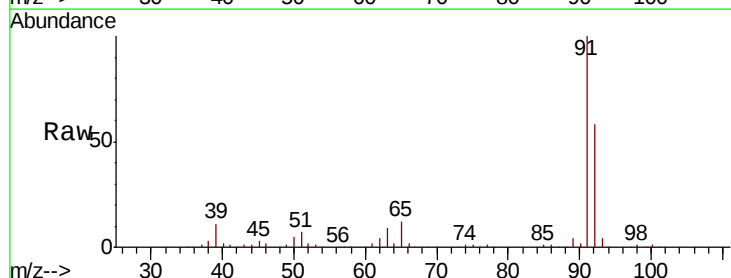
Acq: 06 May 2019 11:11

Tgt Ion: 92 Resp: 94766

Ion Ratio Lower Upper

92 100

91 171.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

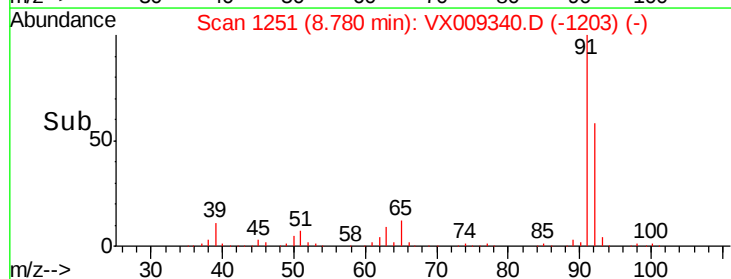
60000

40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.928 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

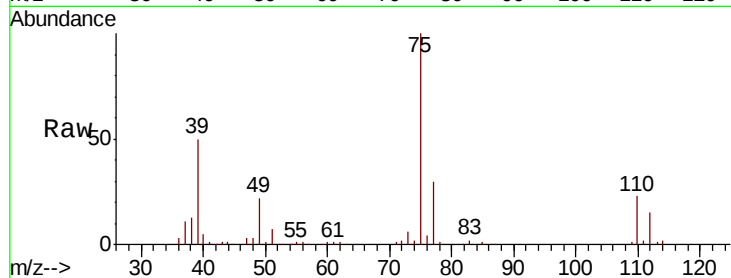
VX0506WBS01

Tot Ion: 75 Resp: 57765

Ion Ratio Lower Upper

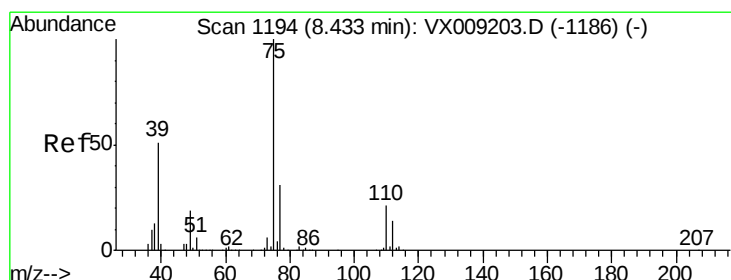
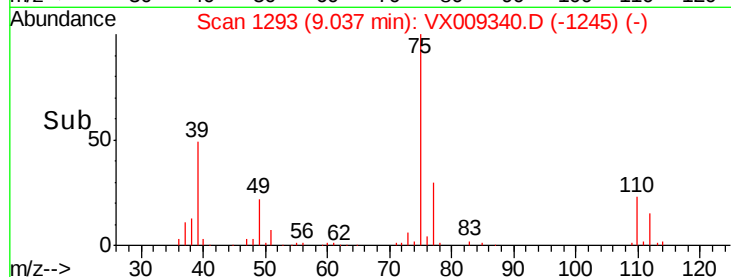
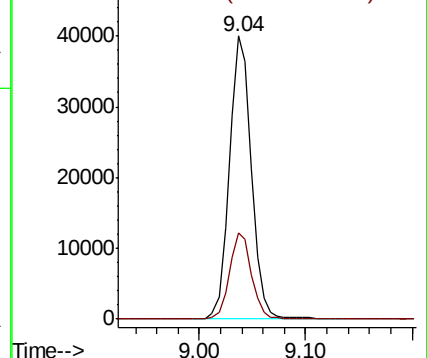
75 100

77 30.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.997 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

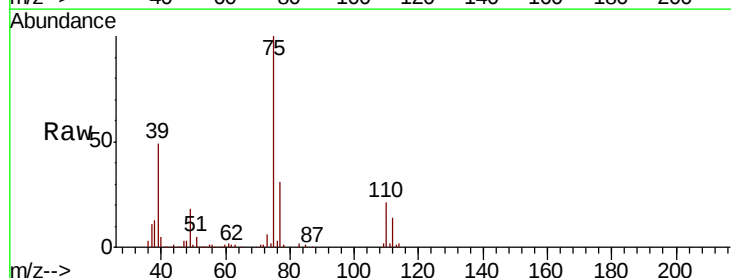
Tgt Ion: 75 Resp: 64170

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

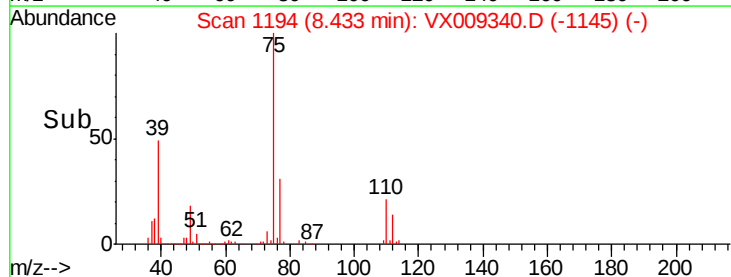
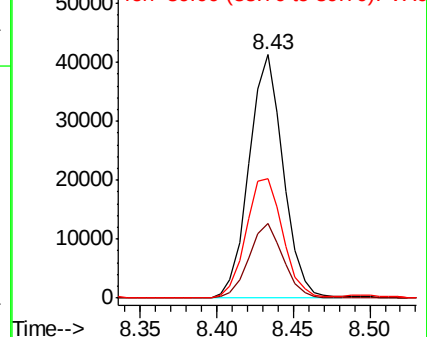
39 49.0 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

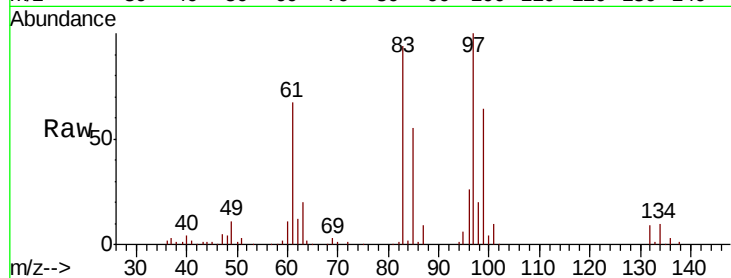




#55
 1,1,2-Trichloroethane
 Concen: 18.948 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion:	97	Resp:	38725
Ion	Ratio	Lower	Upper
97	100		
83	93.5	68.9	103.3
85	55.4	43.8	65.6
99	63.5	48.2	72.2



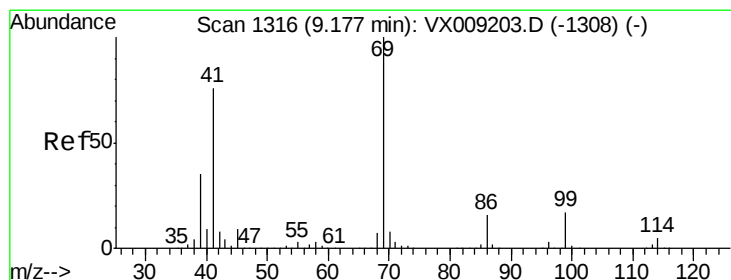
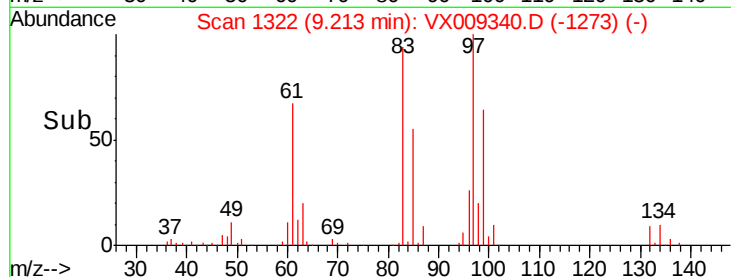
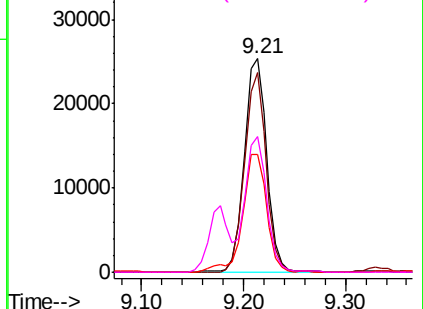
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

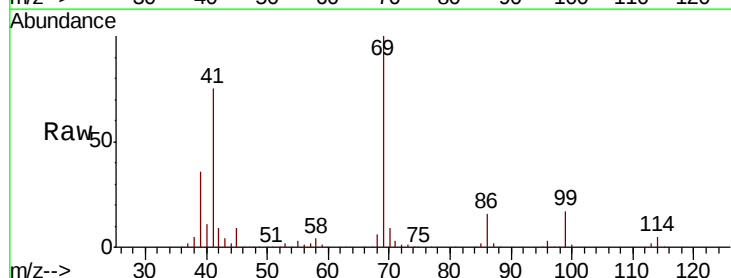
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 18.468 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion:	69	Resp:	67375
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.6	90.8
39	36.2	28.2	42.4

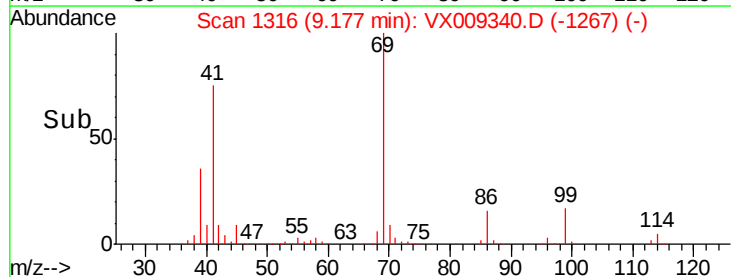
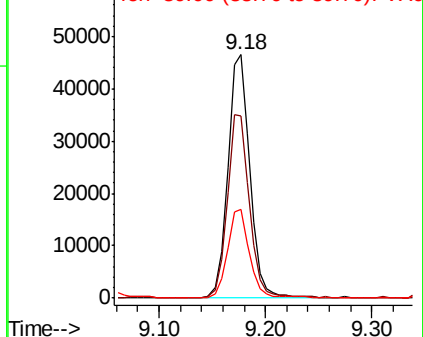


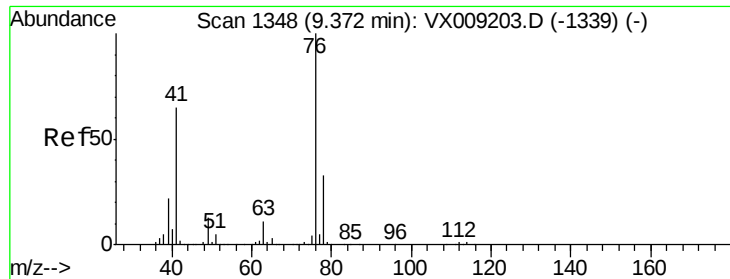
Abundance

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: 18.962 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

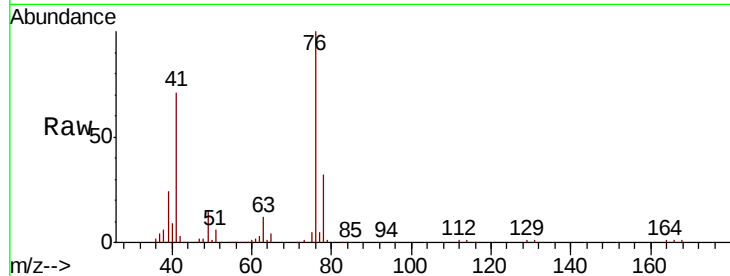
VX0506WBS01

Tot Ion: 76 Resp: 68198

Ion Ratio Lower Upper

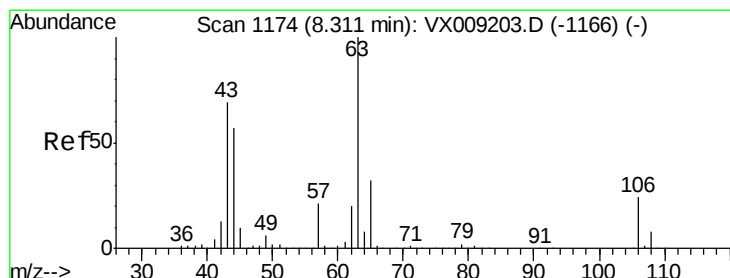
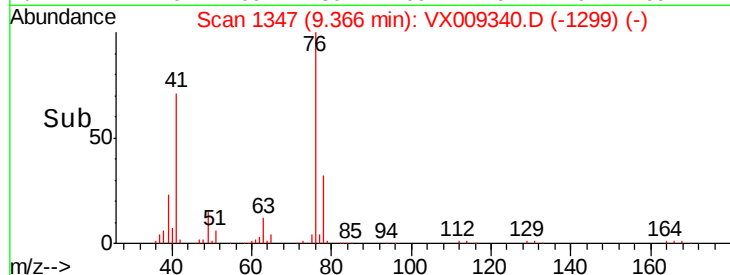
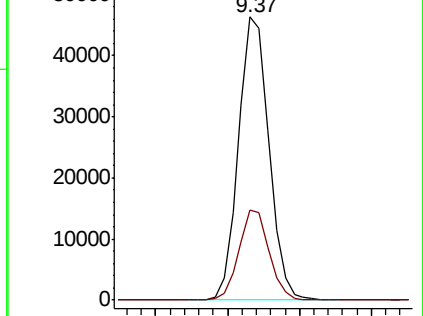
76 100

78 31.6 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: 92.748 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009340.D

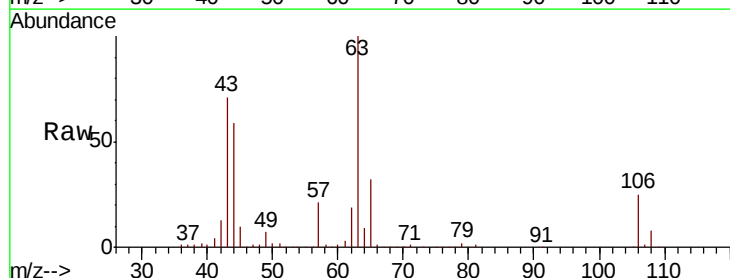
Acq: 06 May 2019 11:11

Tgt Ion: 63 Resp: 179505

Ion Ratio Lower Upper

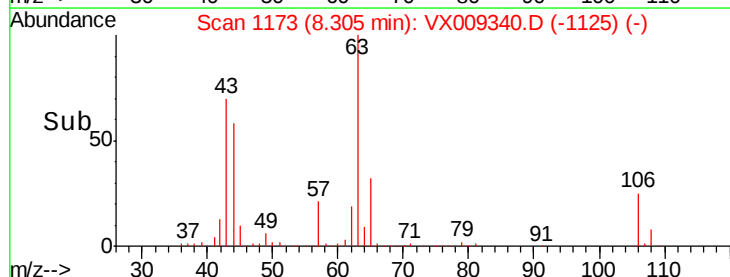
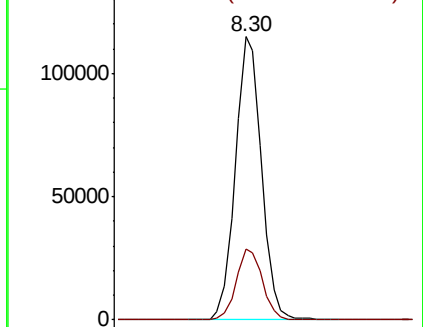
63 100

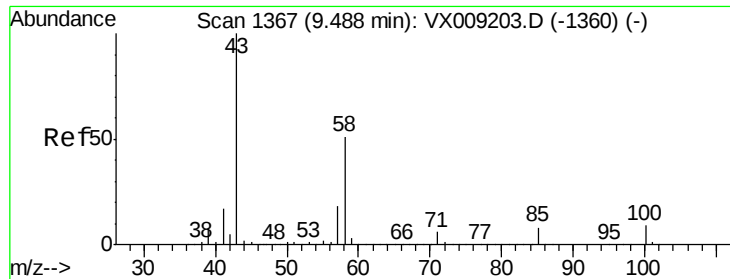
106 25.2 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

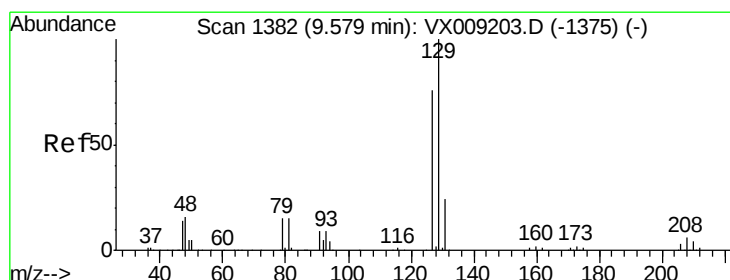
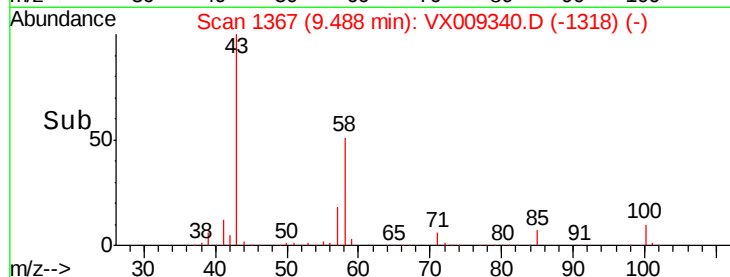
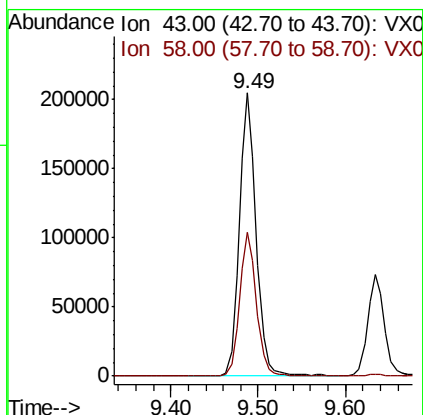
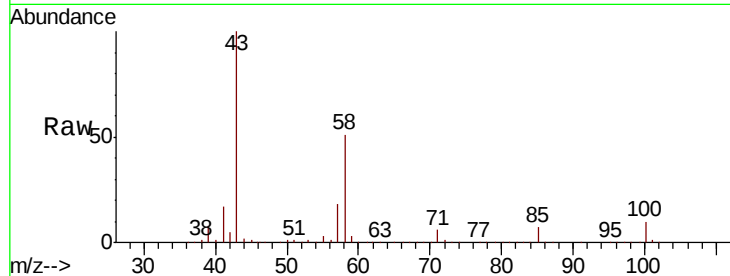




#59
2-Hexanone
Concen: 89.899 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

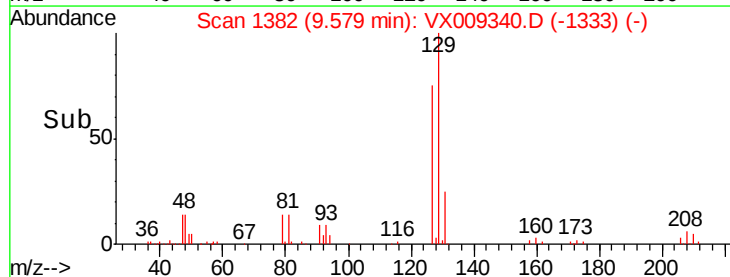
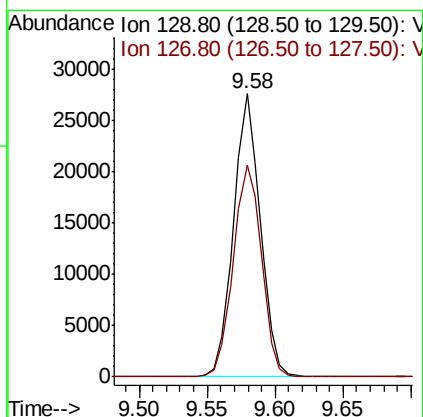
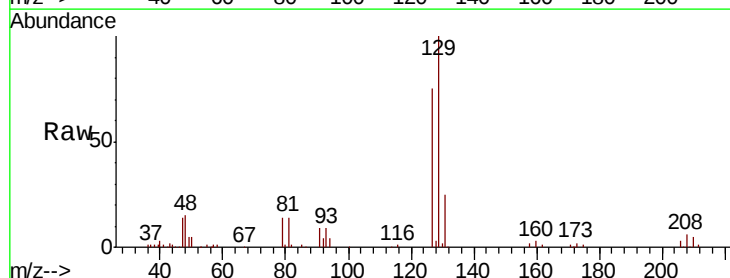
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

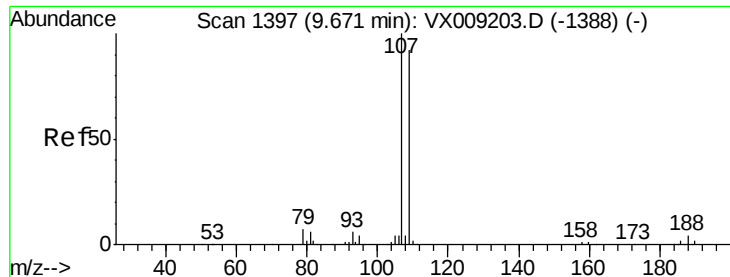
Tot Ion: 43 Resp: 273883
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.7



#60
Dibromochloromethane
Concen: 18.971 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 129 Resp: 37869
Ion Ratio Lower Upper
129 100
127 78.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.202 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

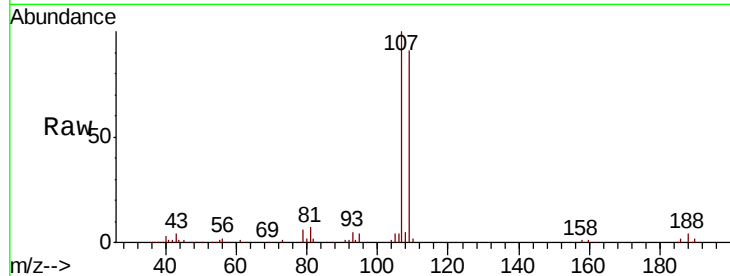
VX0506WBS01

Tot Ion: 107 Resp: 39615

Ion Ratio Lower Upper

107 100

109 90.9 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

15000

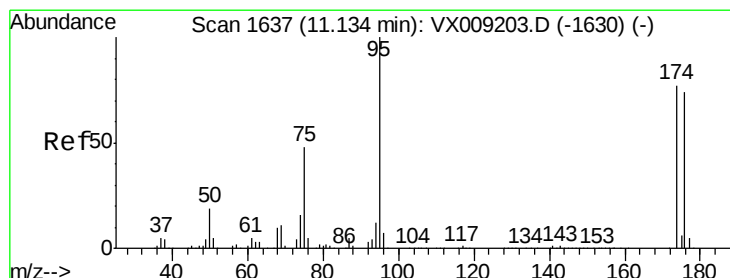
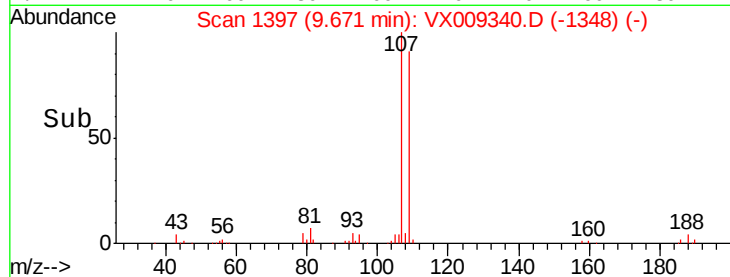
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.968 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

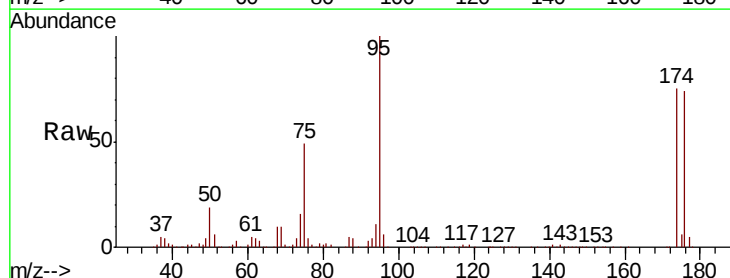
Tgt Ion: 95 Resp: 134687

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

176 79.2 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

150000

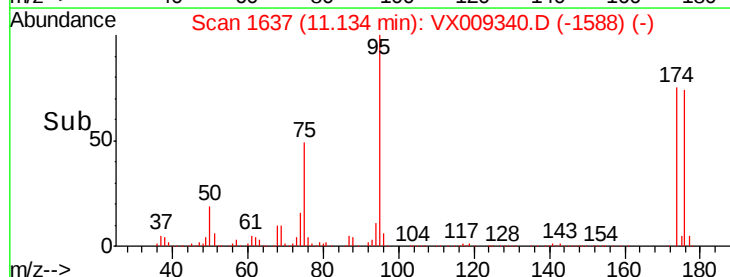
100000

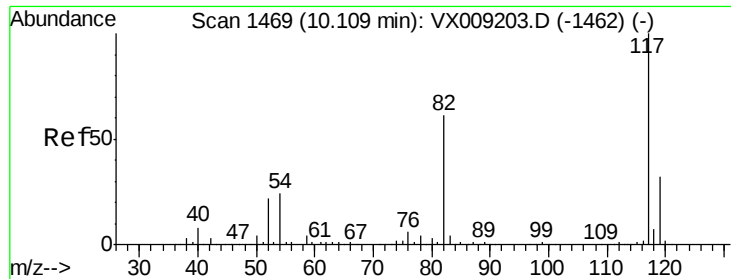
50000

0

Time-->

11.10 11.20

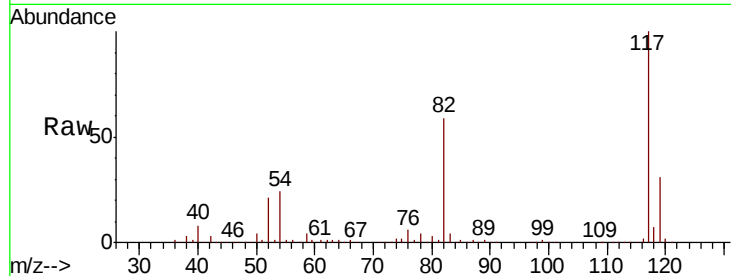




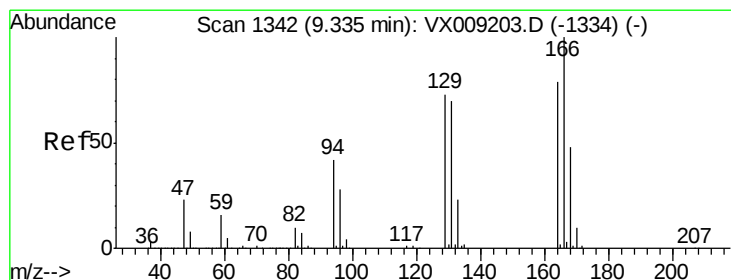
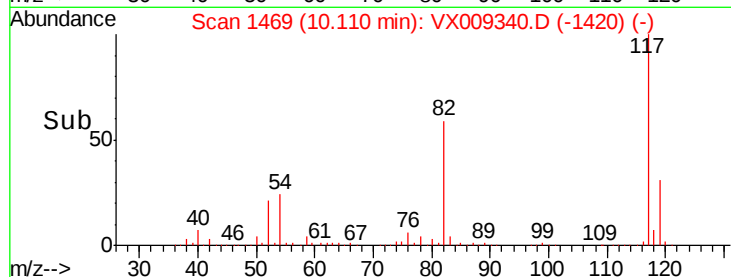
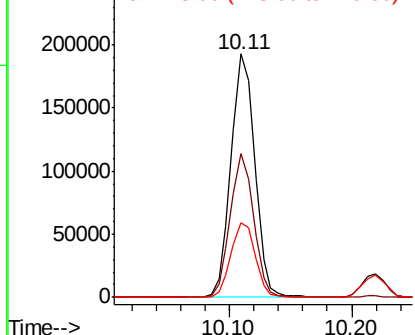
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion:117 Resp: 259653
Ion Ratio Lower Upper
117 100
82 59.2 48.8 73.2
119 30.8 25.8 38.6

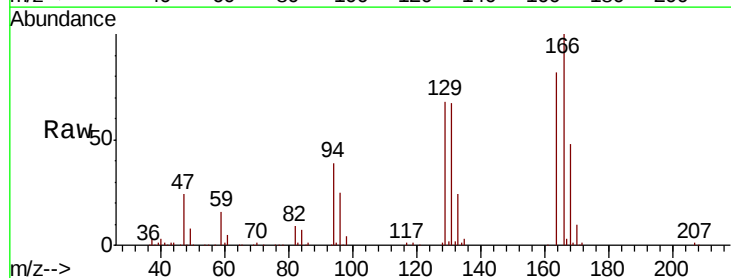


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

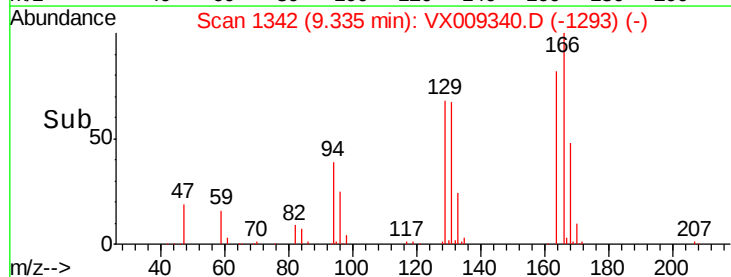
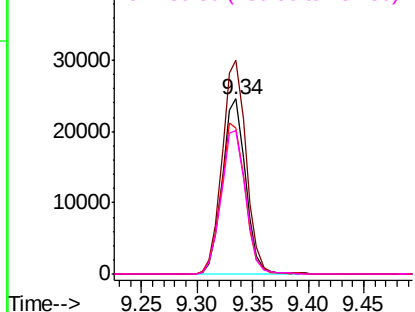


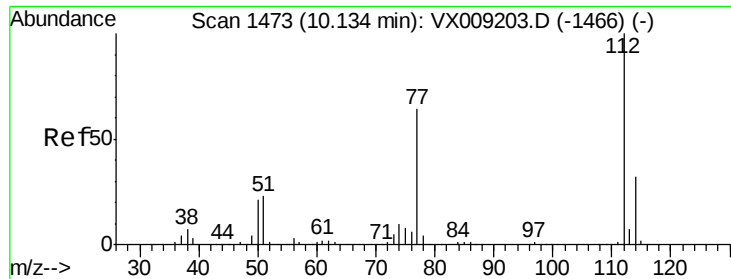
#64
Tetrachloroethene
Concen: 20.031 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion:164 Resp: 35677
Ion Ratio Lower Upper
164 100
166 122.1 101.2 151.8
129 83.4 74.3 111.5
131 82.0 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

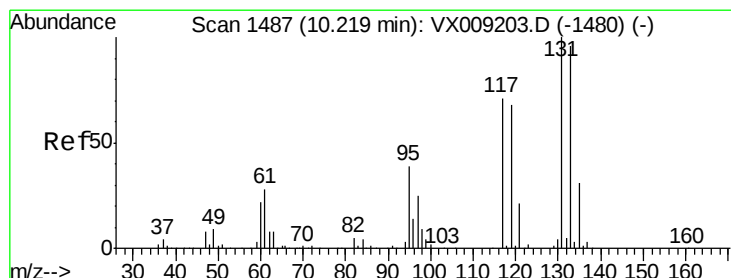
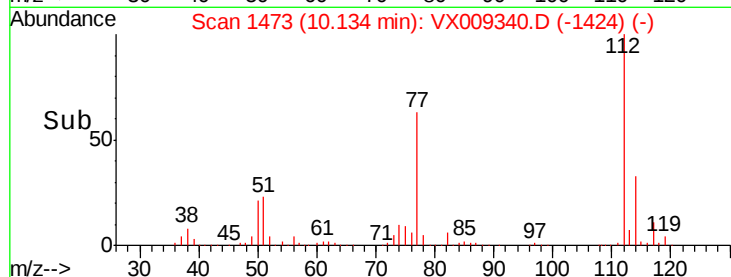
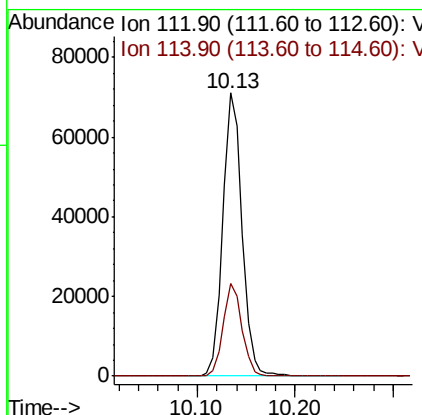
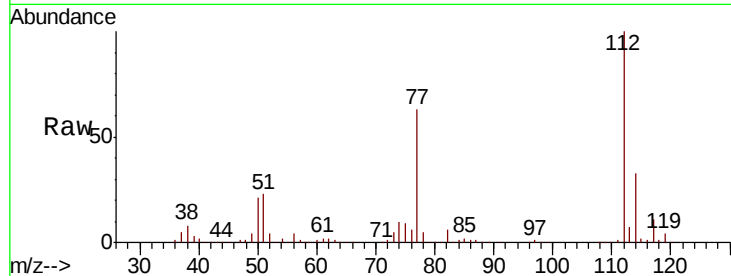




#65
Chlorobenzene
Concen: 18.673 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

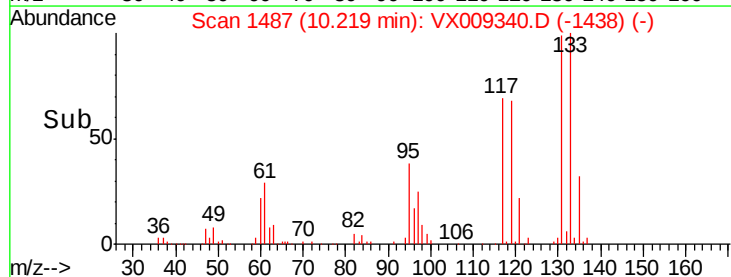
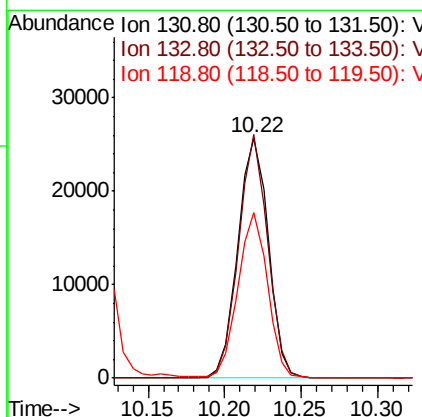
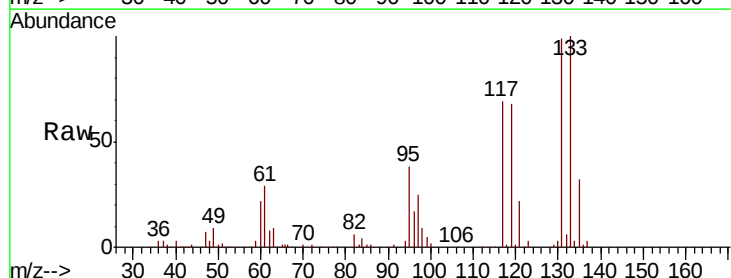
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

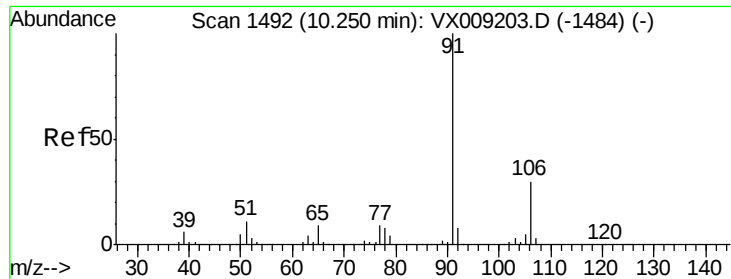
Tot Ion:112 Resp: 96990
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.920 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion:131 Resp: 35628
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 67.0 33.5 100.4

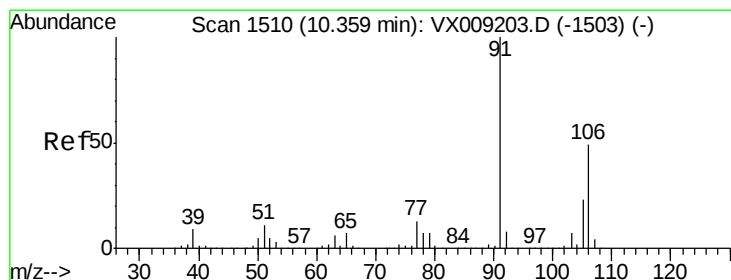
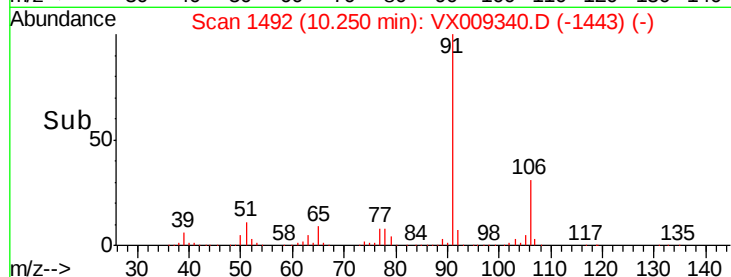
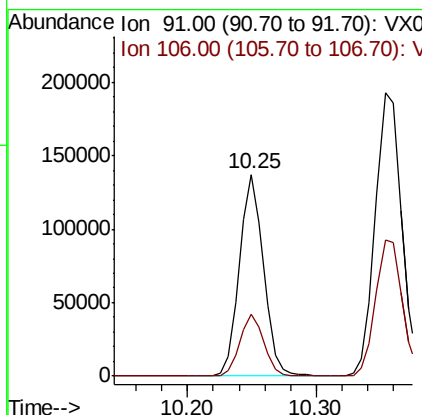
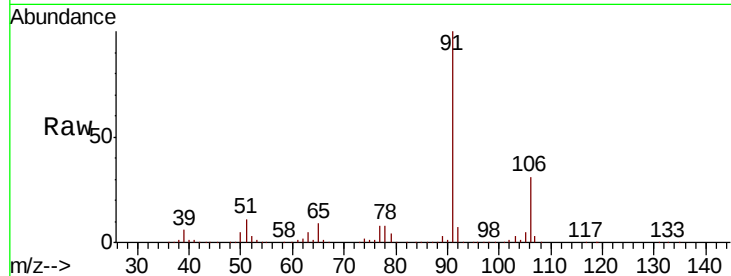




#67
Ethyl Benzene
Concen: 18.677 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

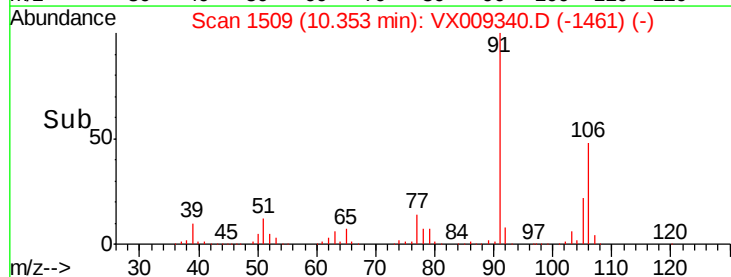
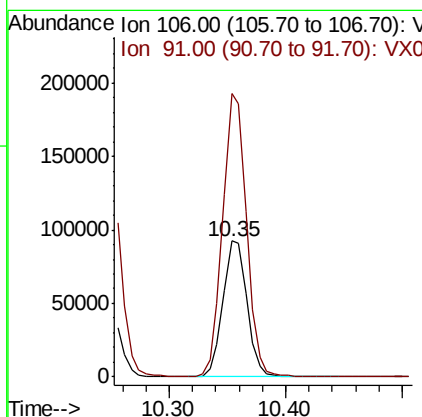
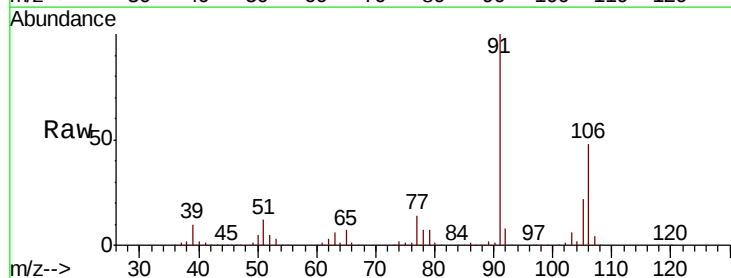
Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

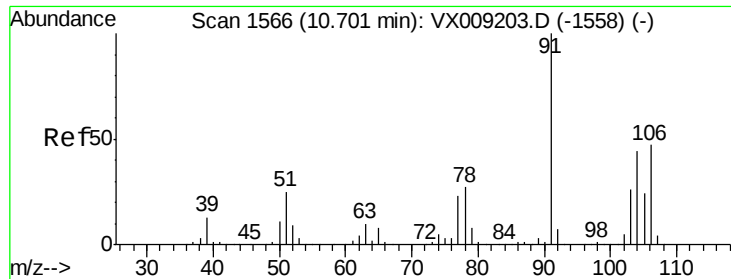
Tot Ion: 91 Resp: 178544
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0



#68
m/p-Xylenes
Concen: 37.956 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 106 Resp: 132593
Ion Ratio Lower Upper
106 100
91 206.2 164.0 246.0

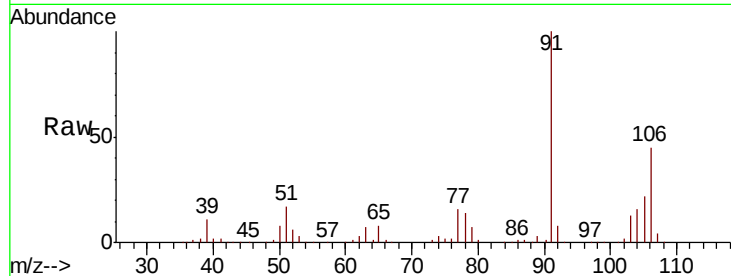




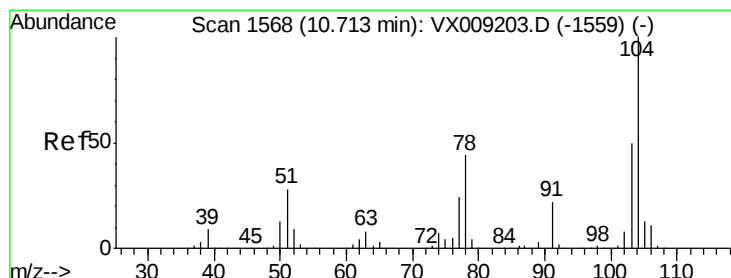
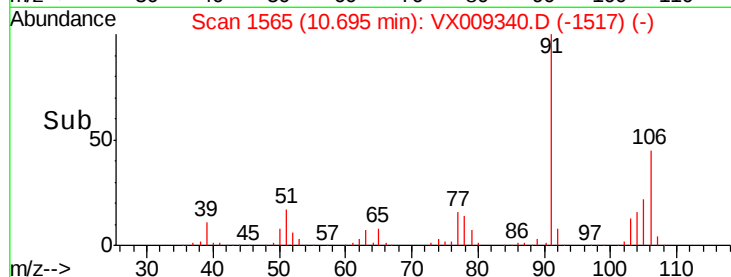
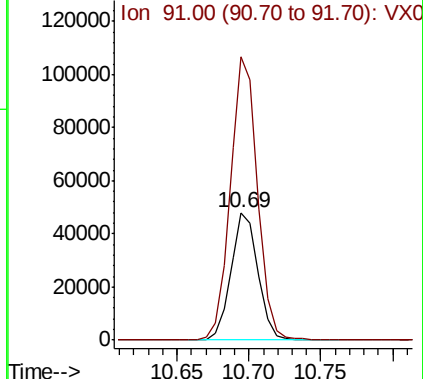
#69
o-Xylene
Concen: 18.293 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

Tot Ion:106 Resp: 63048
Ion Ratio Lower Upper
106 100
91 223.3 109.5 328.4

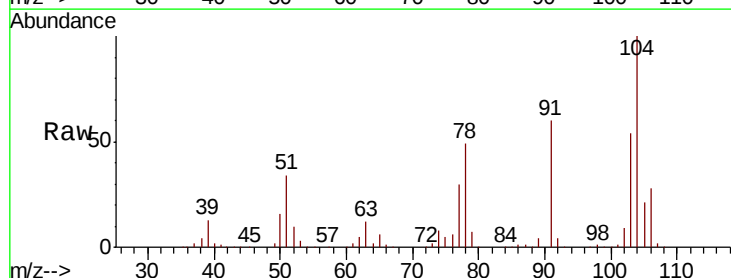


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

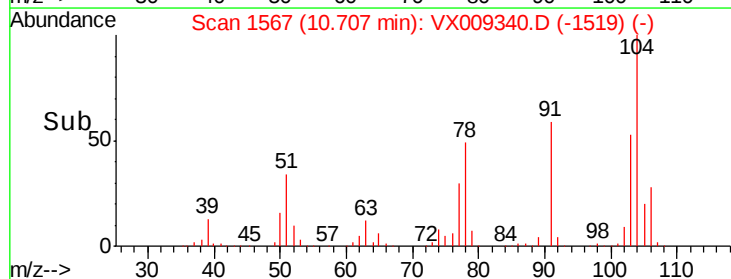
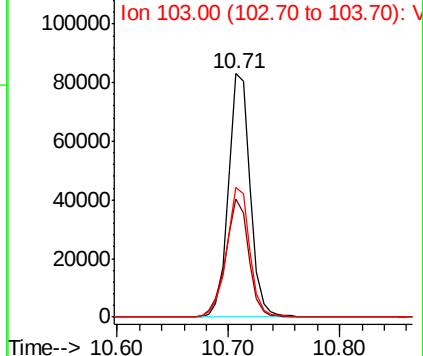


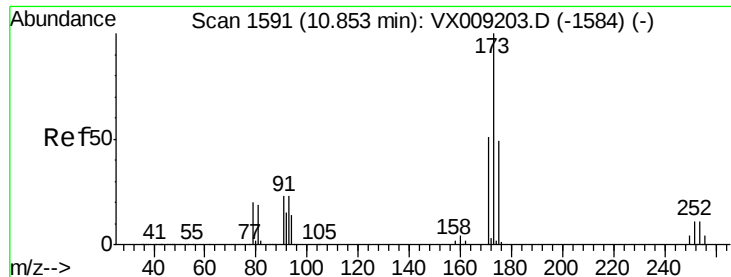
#70
Styrene
Concen: 18.691 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion:104 Resp: 111971
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.4
103 56.7 43.8 65.6



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





#71

Bromoform

Concen: 18.290 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

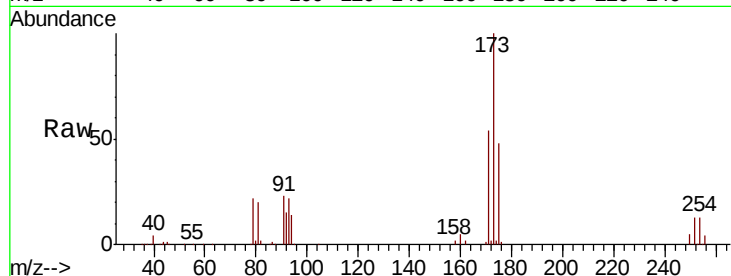
Tot Ion:173 Resp: 27990

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

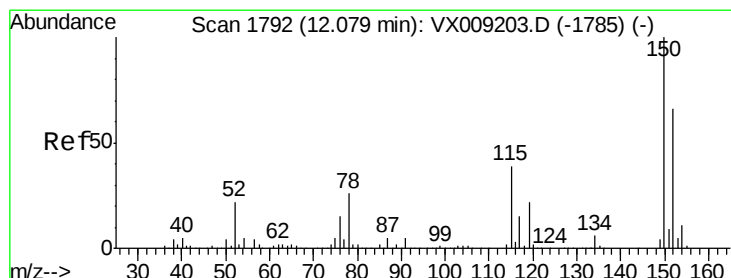
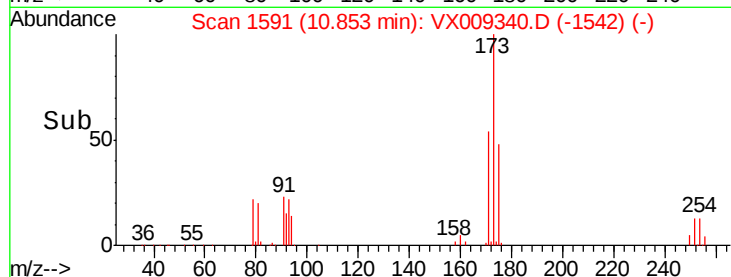
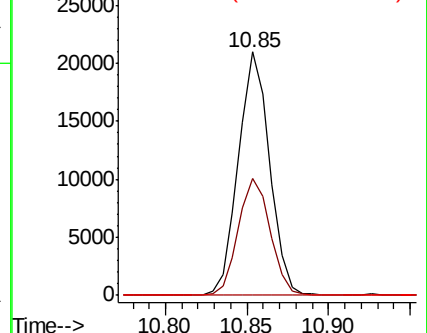
254 0.1 0.1 0.1



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: VX009340.D

Acq: 06 May 2019 11:11

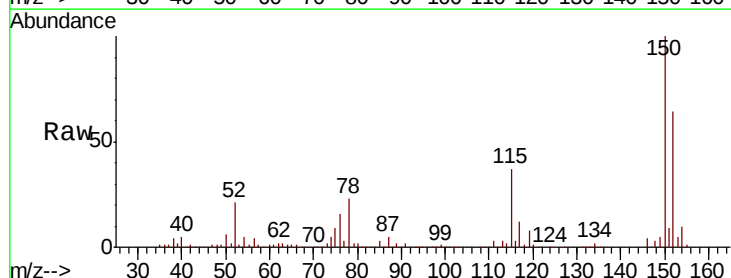
Tgt Ion:152 Resp: 126535

Ion Ratio Lower Upper

152 100

115 67.0 41.2 123.6

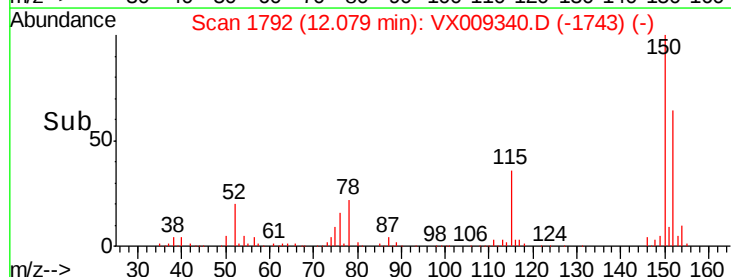
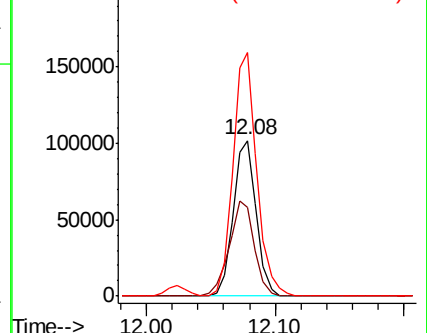
150 162.0 0.0 346.4

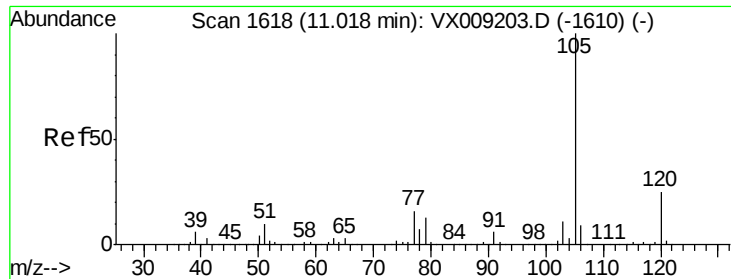


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.836 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

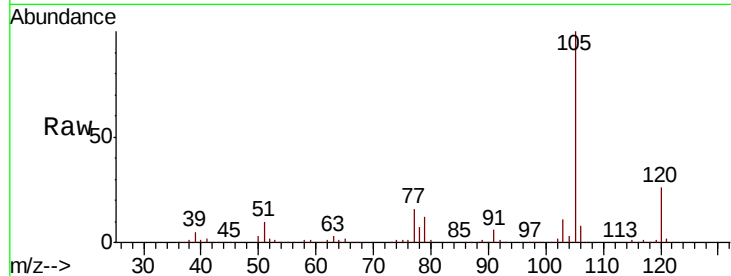
VX0506WBS01

Tot Ion:105 Resp: 173320

Ion Ratio Lower Upper

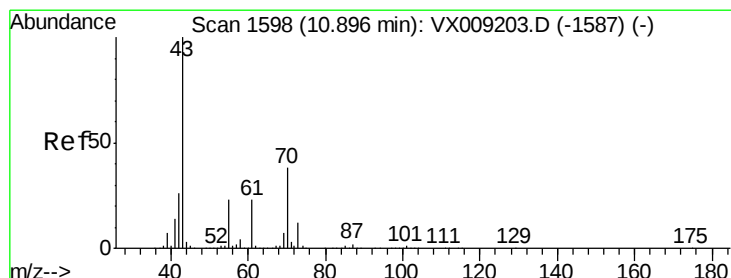
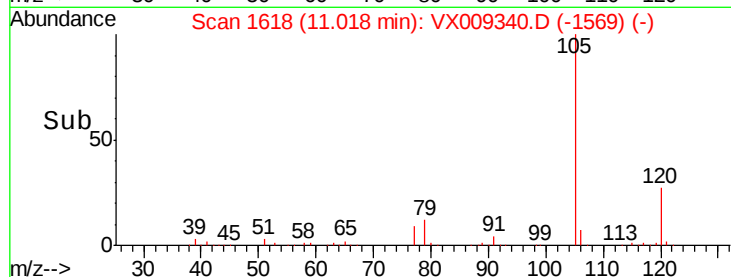
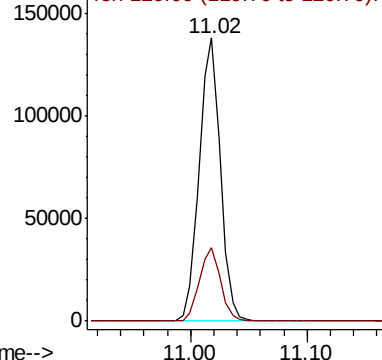
105 100

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



#74

N-ethyl acetate

Concen: 17.727 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Tgt Ion: 43 Resp: 95096

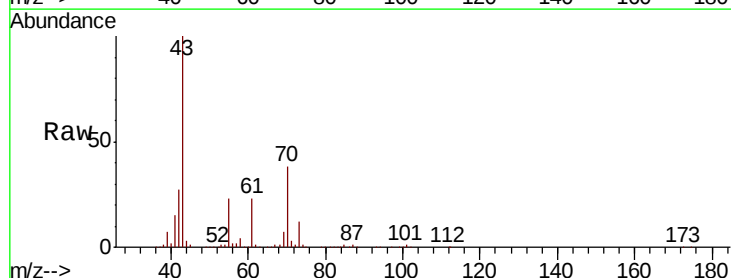
Ion Ratio Lower Upper

43 100

70 37.3 30.0 45.0

55 23.4 17.9 26.9

61 22.8 18.4 27.6

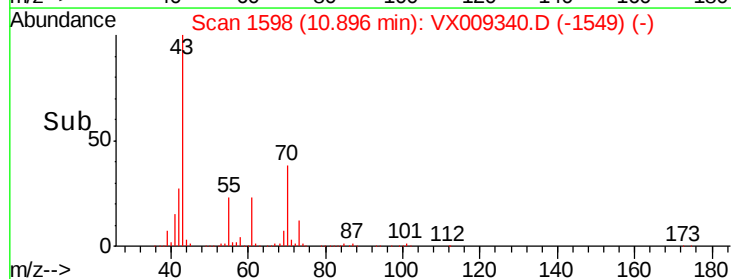
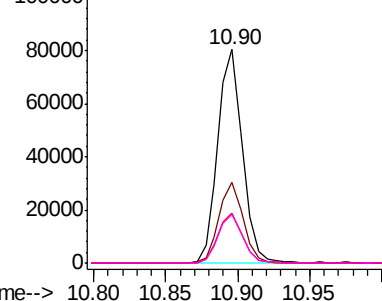


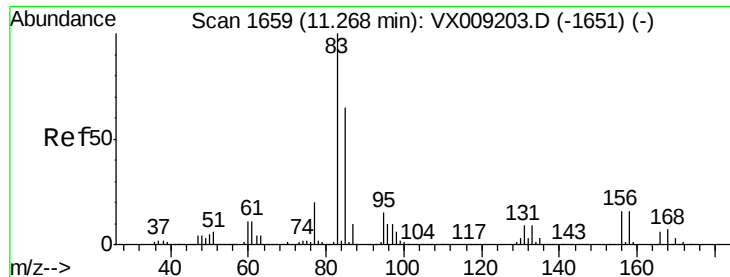
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.120 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

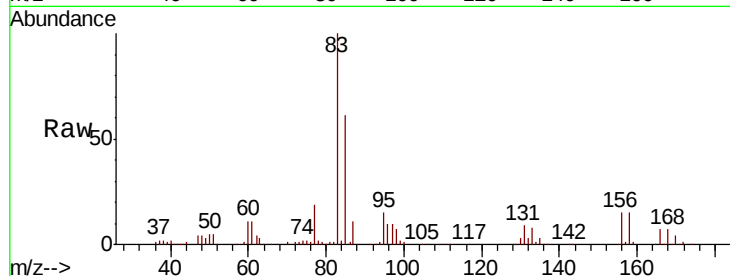
Tot Ion: 83 Resp: 62156

Ion Ratio Lower Upper

83 100

131 9.7 4.6 13.8

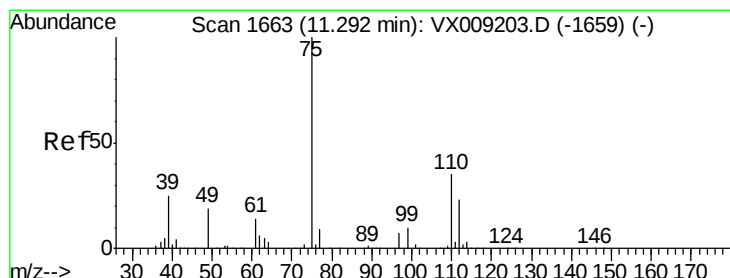
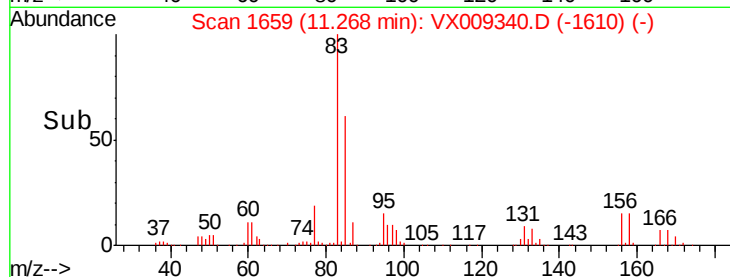
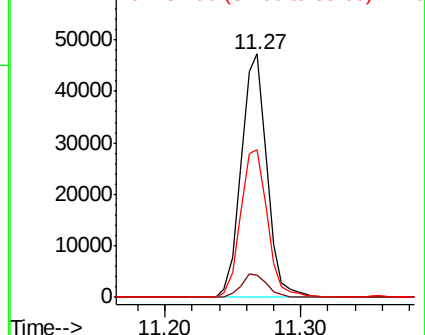
85 63.3 32.0 96.2



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: 24.335 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009340.D

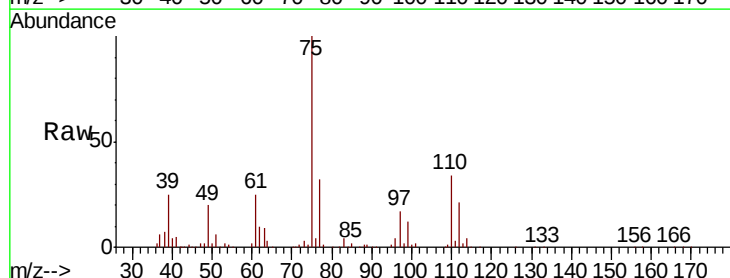
Acq: 06 May 2019 11:11

Tgt Ion: 75 Resp: 71426

Ion Ratio Lower Upper

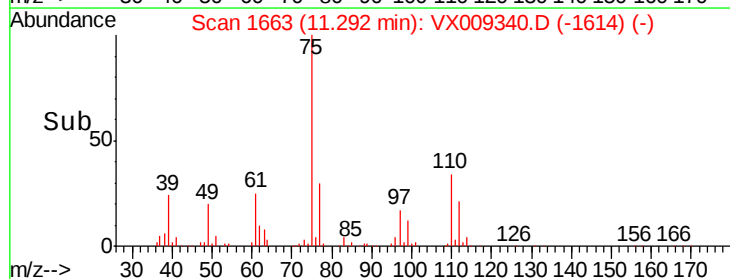
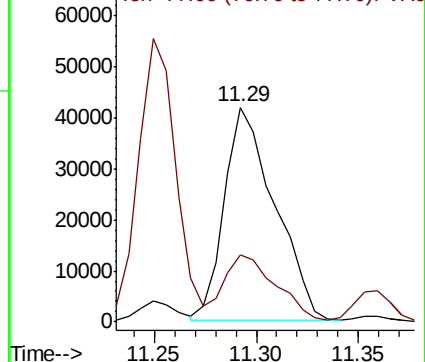
75 100

77 32.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.526 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

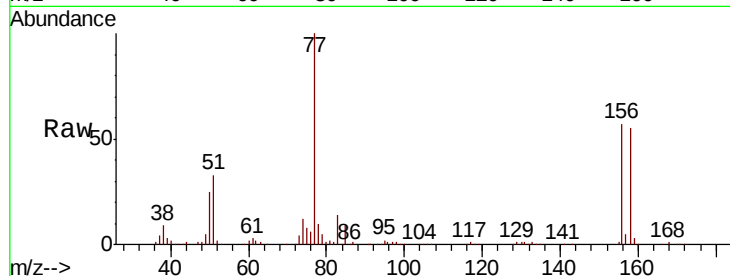
Tot Ion:156 Resp: 42310

Ion Ratio Lower Upper

156 100

77 167.7 84.8 254.3

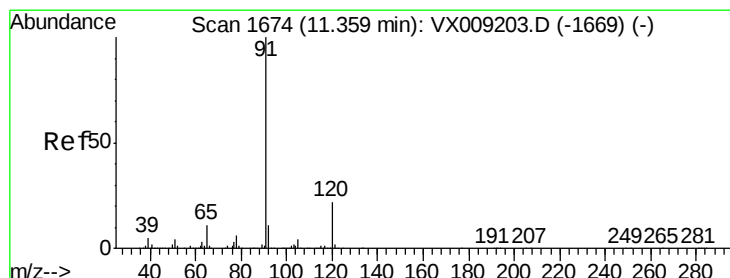
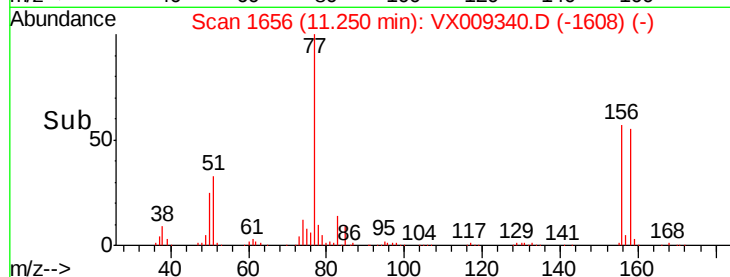
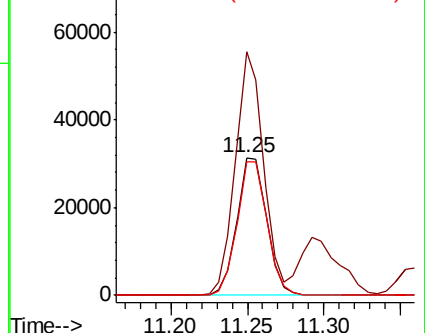
158 98.0 49.1 147.3



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: 19.084 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009340.D

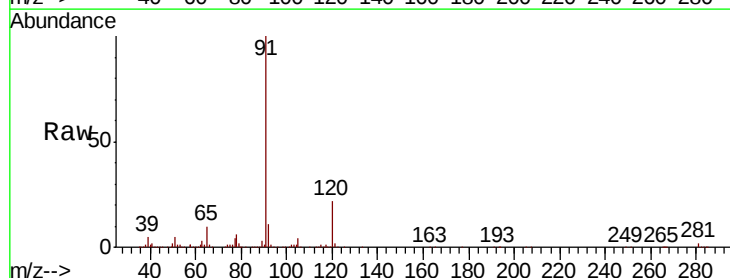
Acq: 06 May 2019 11:11

Tgt Ion: 91 Resp: 200548

Ion Ratio Lower Upper

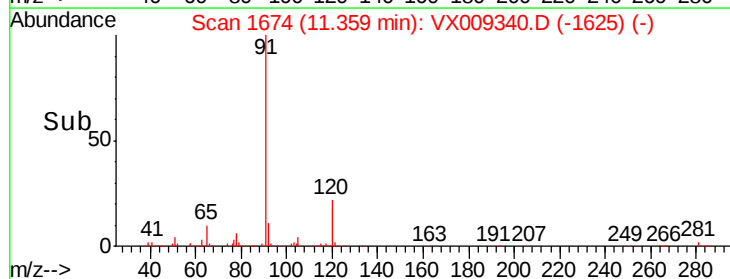
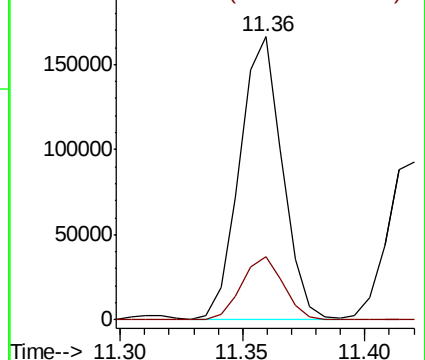
91 100

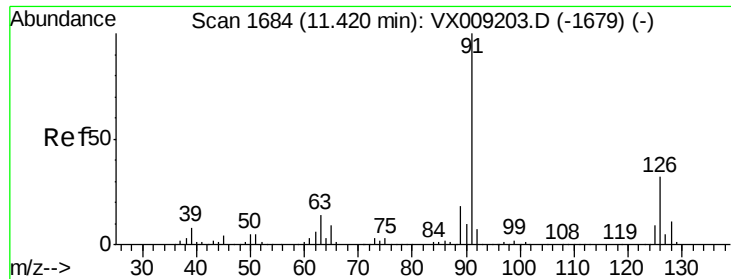
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

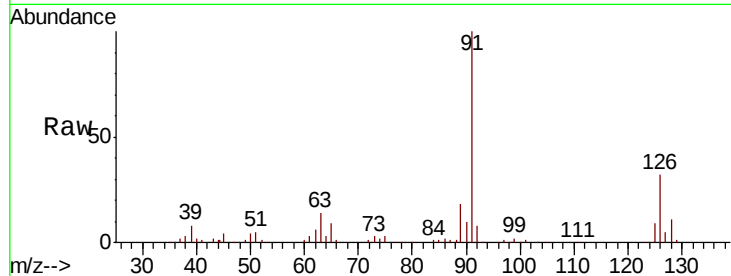




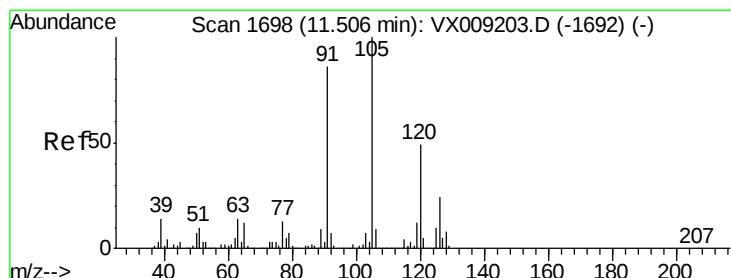
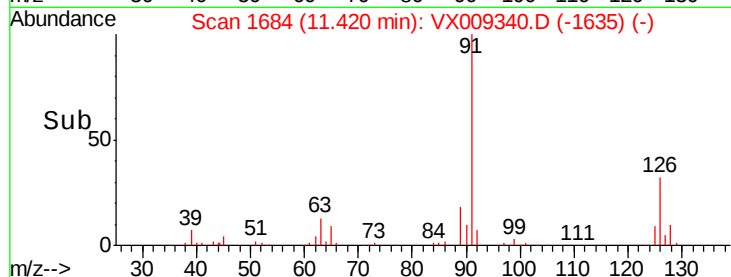
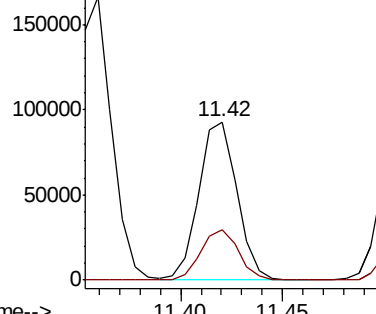
#79
 2-Chlorotoluene
 Concen: 18.482 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion: 91 Resp: 119822
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.3 48.9

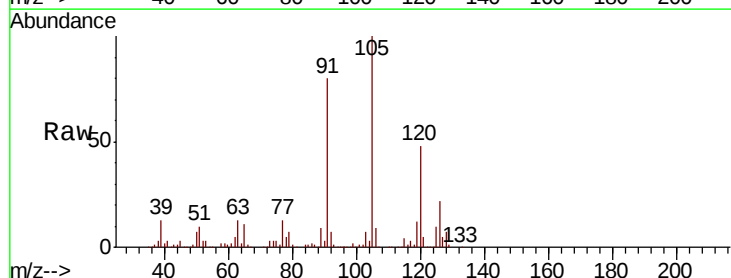


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

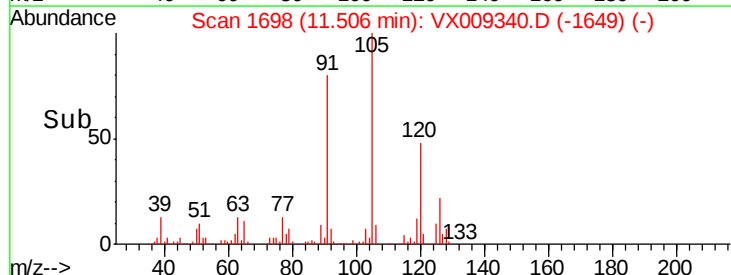
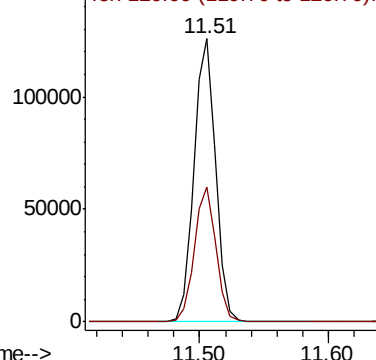


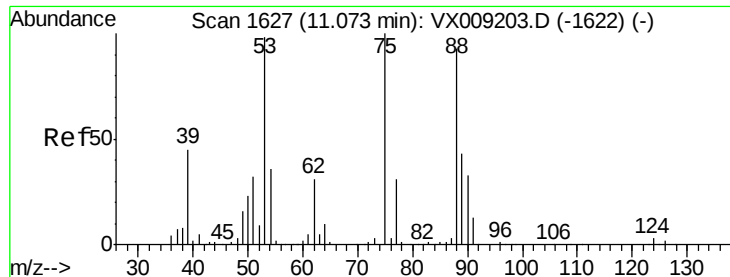
#80
 1,3,5-Trimethylbenzene
 Concen: 19.249 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion:105 Resp: 149132
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.775 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

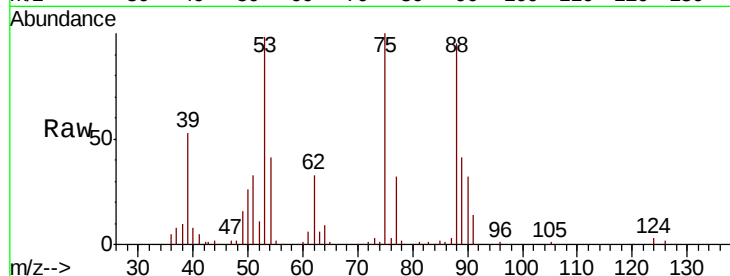
Tot Ion: 75 Resp: 20391

Ion Ratio Lower Upper

75 100

53 100.1 79.0 118.6

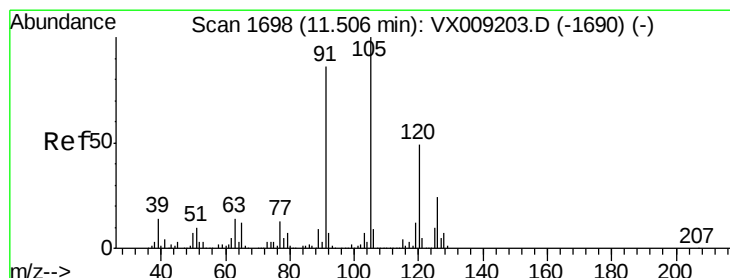
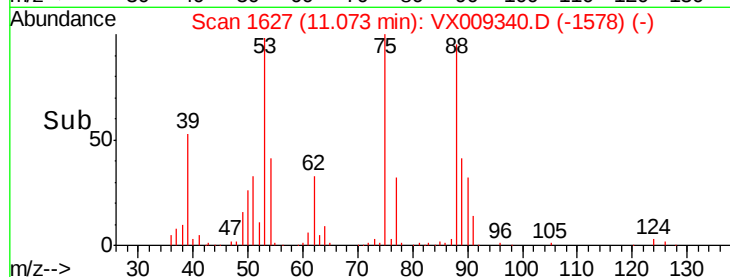
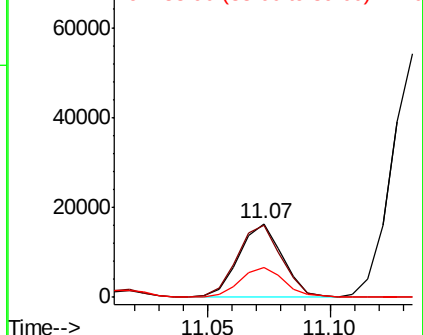
89 42.8 34.7 52.1



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: 18.541 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009340.D

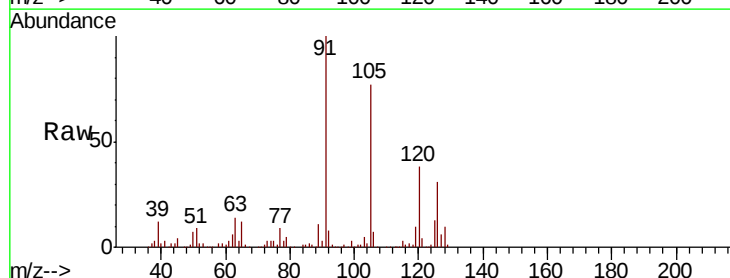
Acq: 06 May 2019 11:11

Tgt Ion: 91 Resp: 135799

Ion Ratio Lower Upper

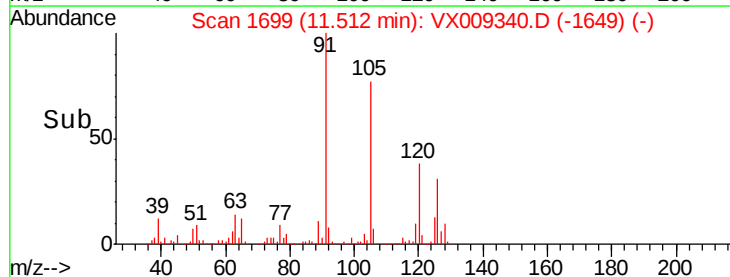
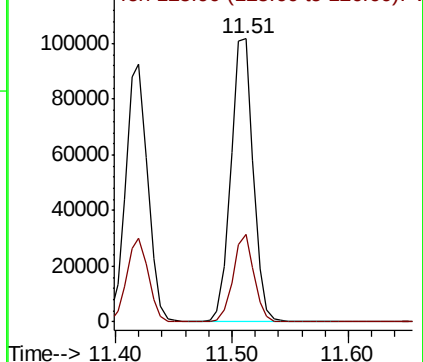
91 100

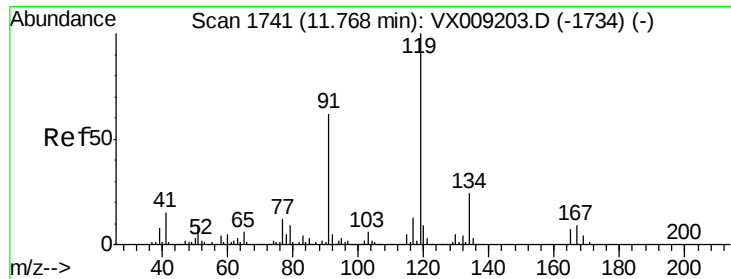
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

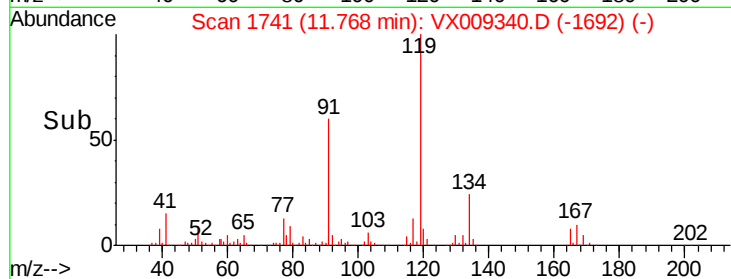
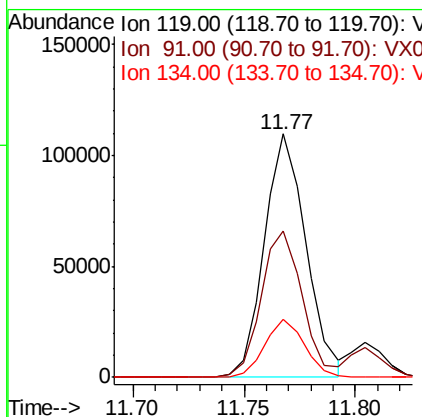
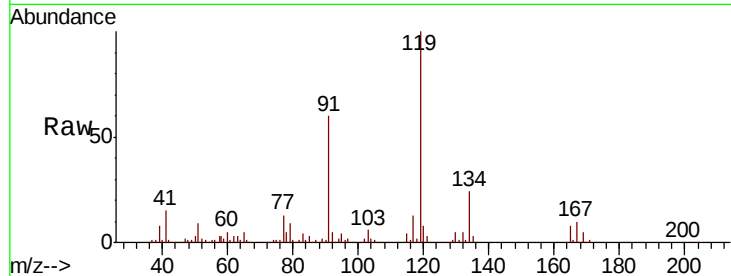




#83
tert-Butylbenzene
Concen: 18.908 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

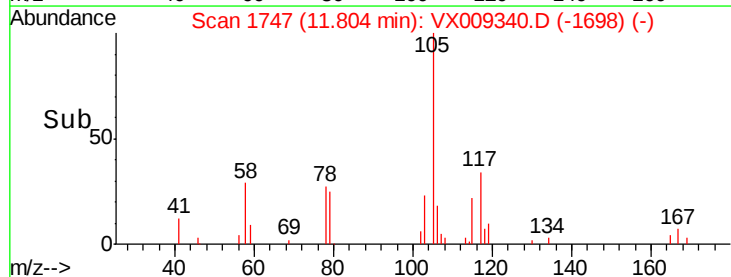
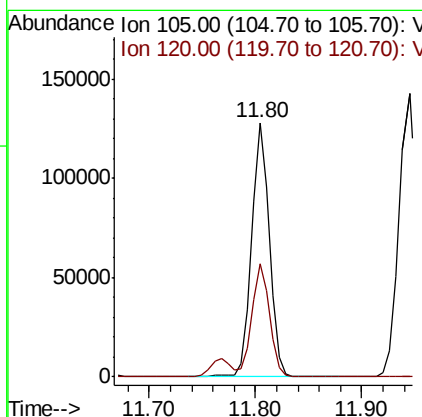
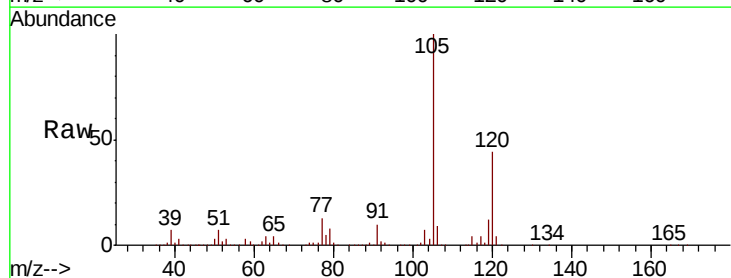
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

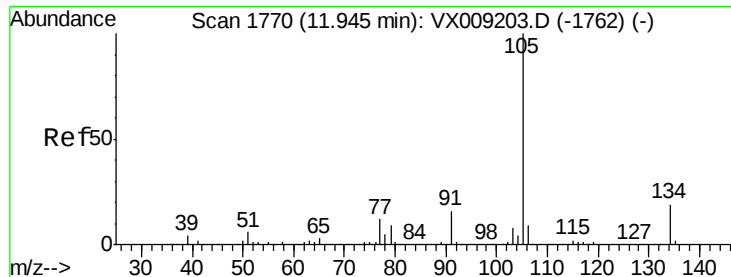
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.5	88.5
134	22.9	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 19.226 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0





#85

sec-Butylbenzene

Concen: 19.279 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

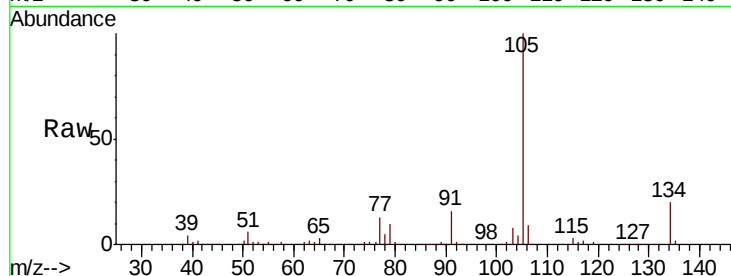
VX0506WBS01

Tot Ion:105 Resp: 172264

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

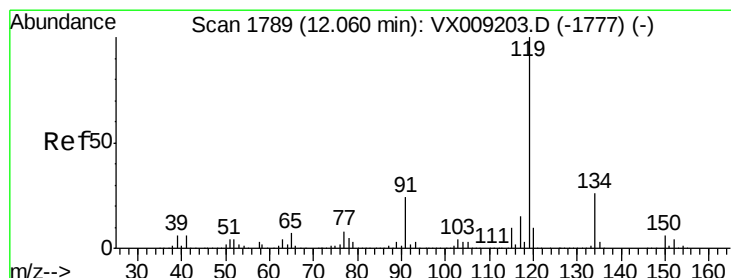
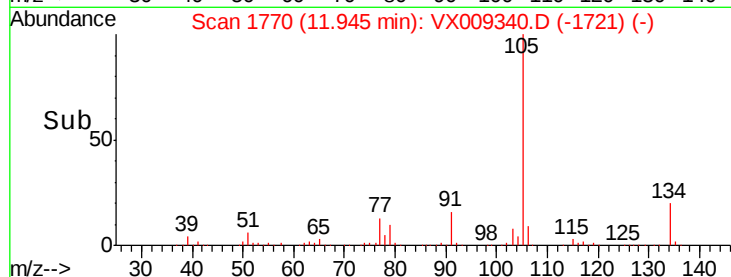
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.707 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009340.D

Acq: 06 May 2019 11:11

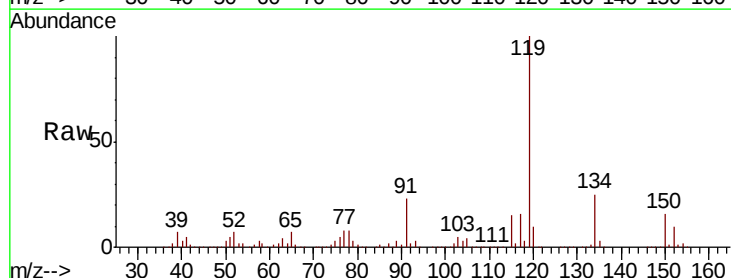
Tgt Ion:119 Resp: 158303

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 23.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

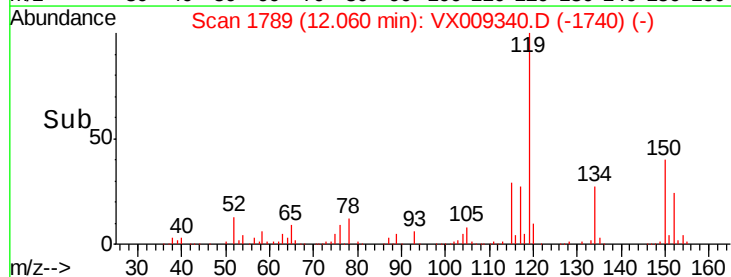
150000

100000

50000

0

Time-->

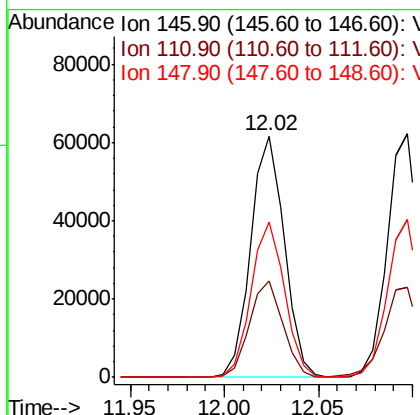
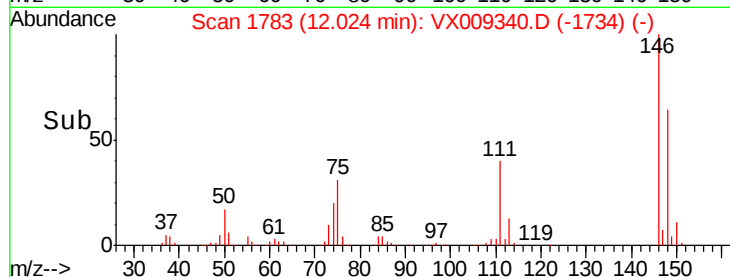
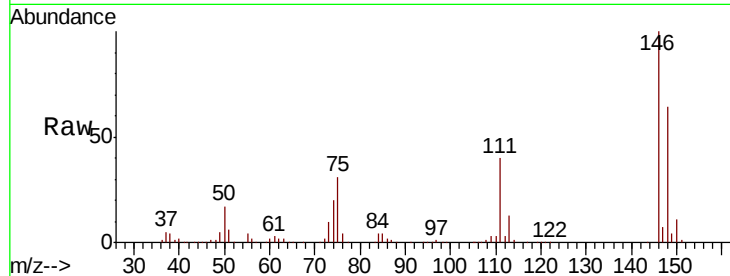




#87
 1,3-Dichlorobenzene
 Concen: 18.781 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

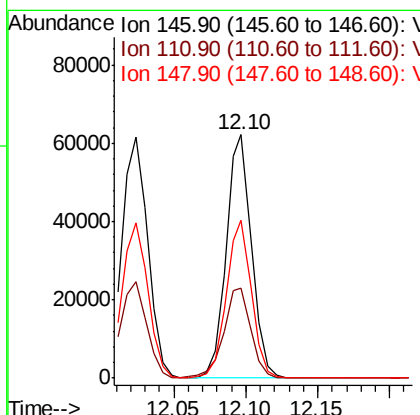
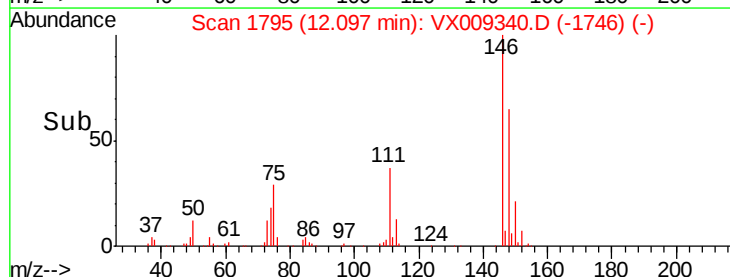
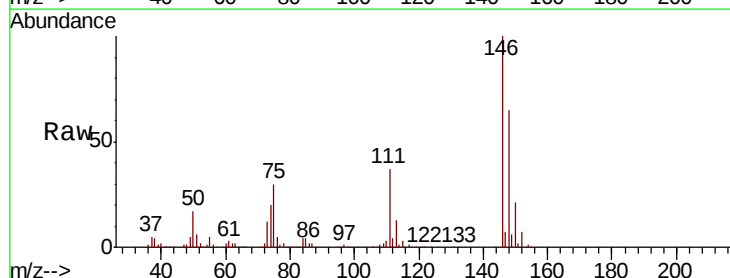
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion:146 Resp: 76466
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.759 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion:146 Resp: 76998
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 64.4 31.8 95.3

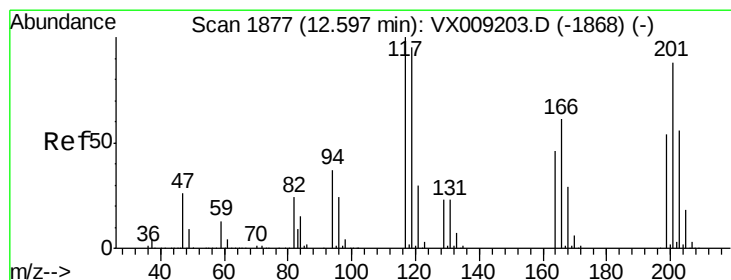
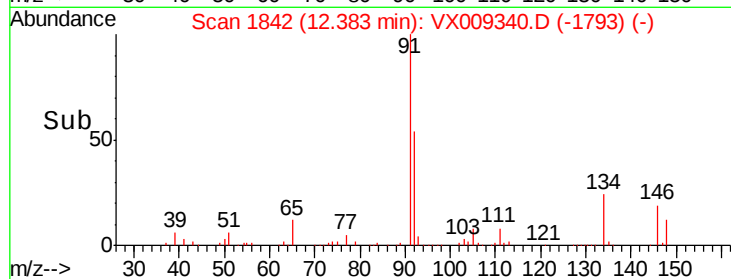
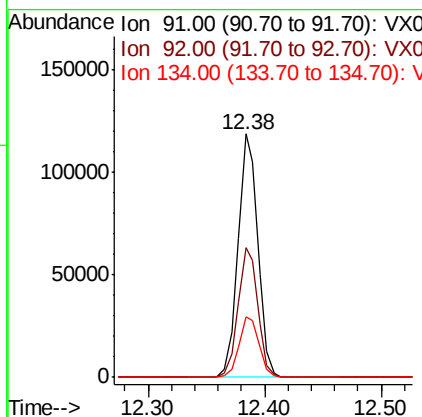
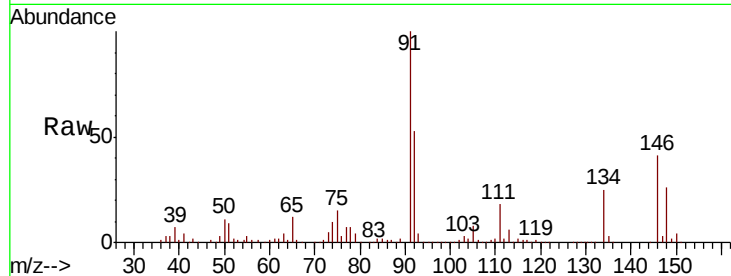




#89
n-Butylbenzene
Concen: 19.349 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

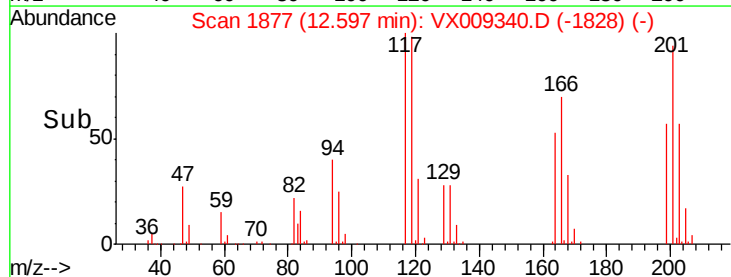
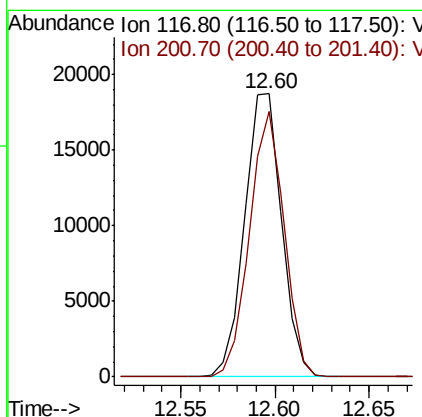
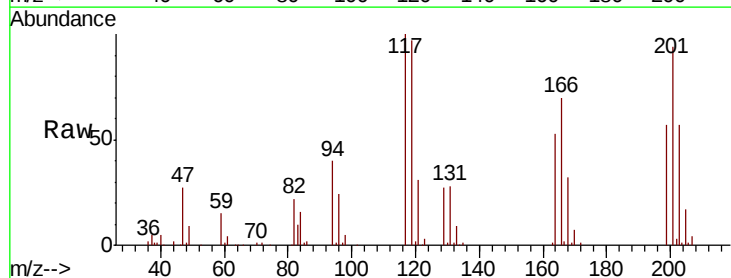
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

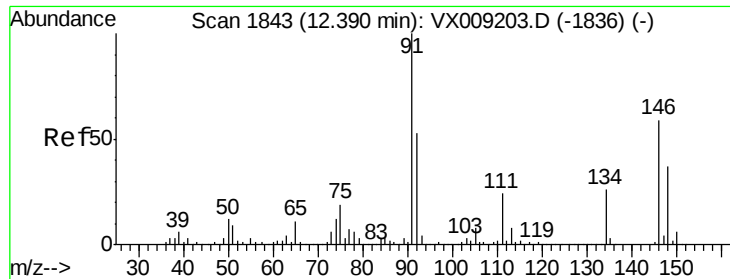
Tot Ion: 91 Resp: 140487
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 25.1 12.4 37.2



#90
Hexachloroethane
Concen: 18.616 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion: 117 Resp: 25477
Ion Ratio Lower Upper
117 100
201 87.8 42.3 126.9

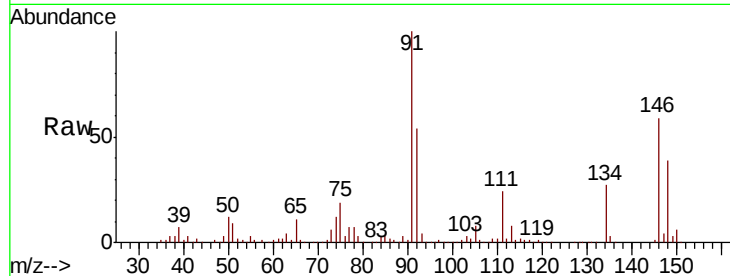




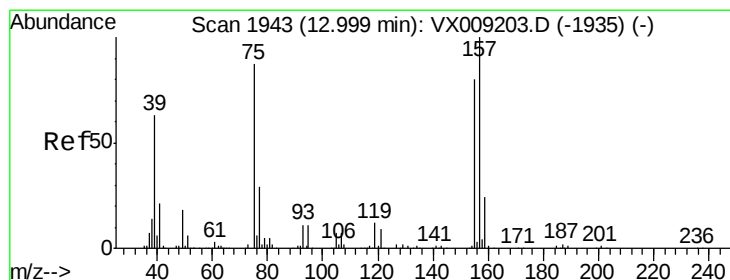
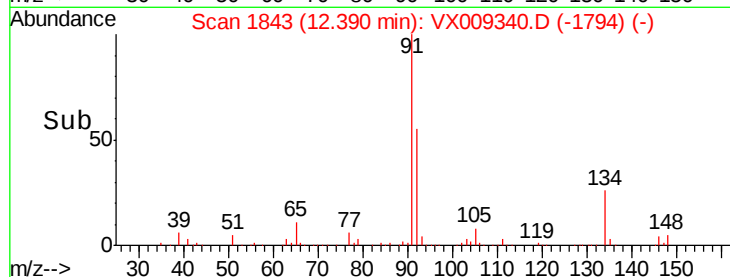
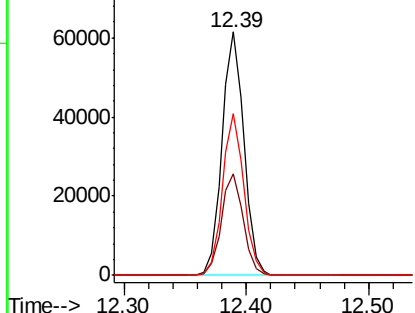
#91
 1,2-Dichlorobenzene
 Concen: 18.400 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion:146 Resp: 76304
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 64.4 31.9 95.9

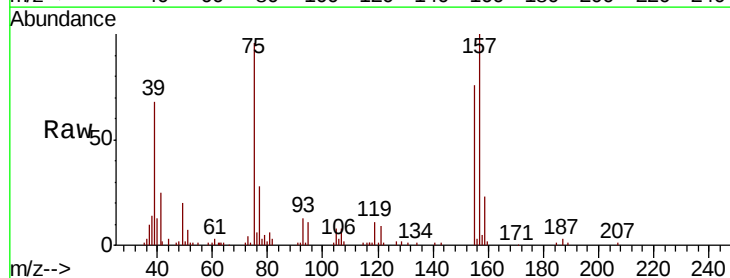


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

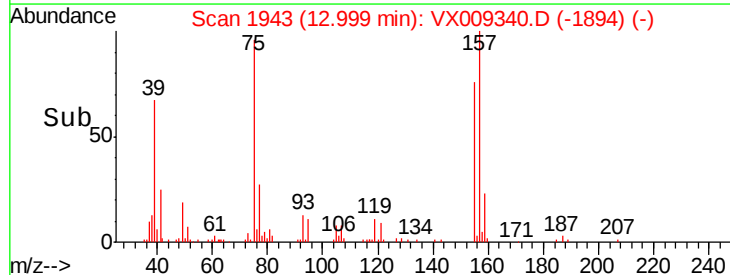
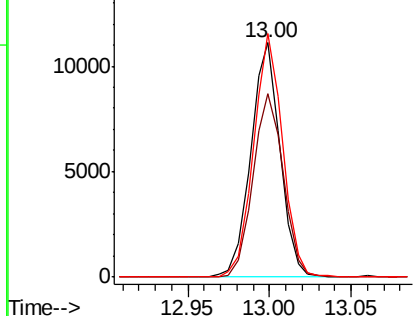


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.008 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion: 75 Resp: 13857
 Ion Ratio Lower Upper
 75 100
 155 81.0 42.0 126.0
 157 103.2 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

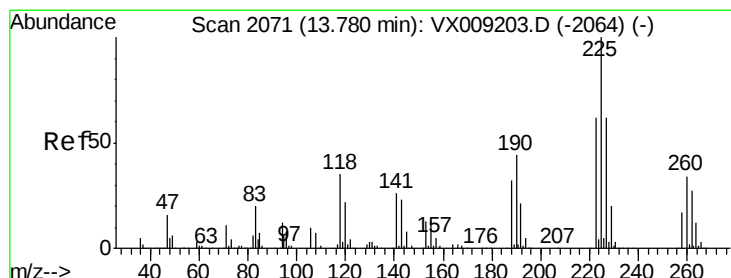
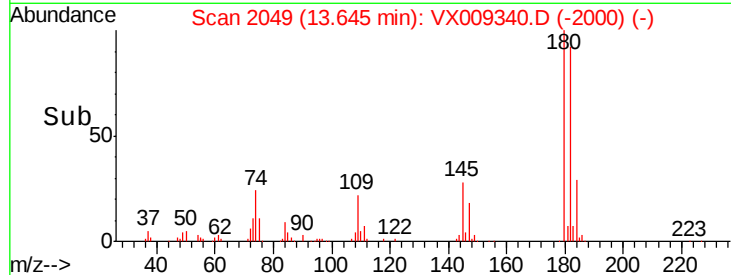
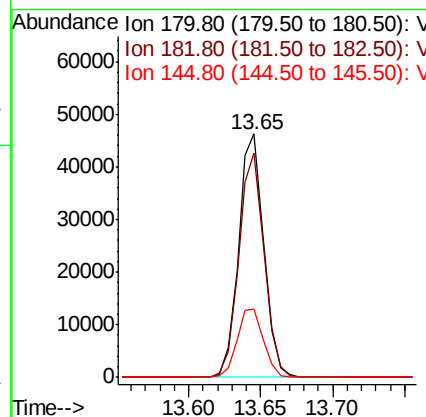
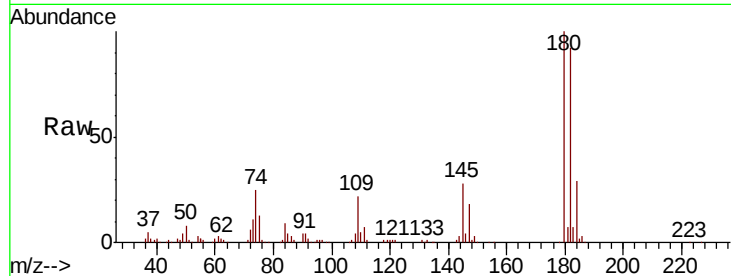




#93
 1,2,4-Trichlorobenzene
 Concen: 19.846 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

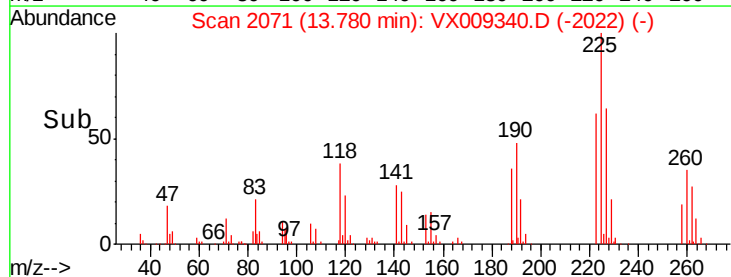
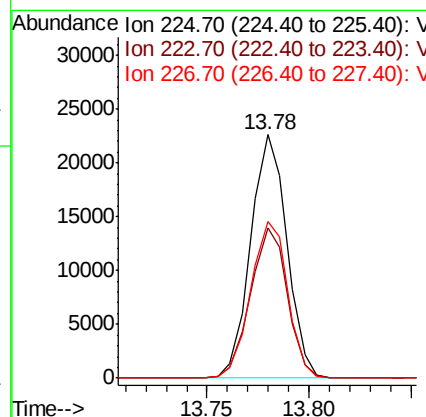
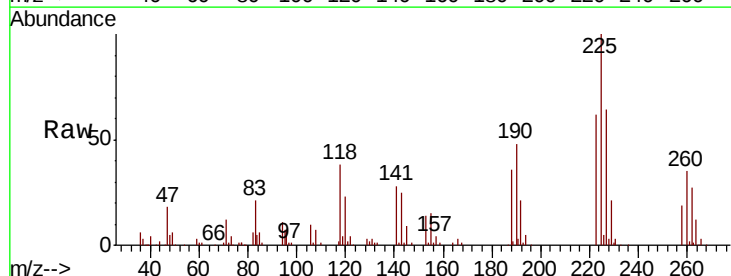
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

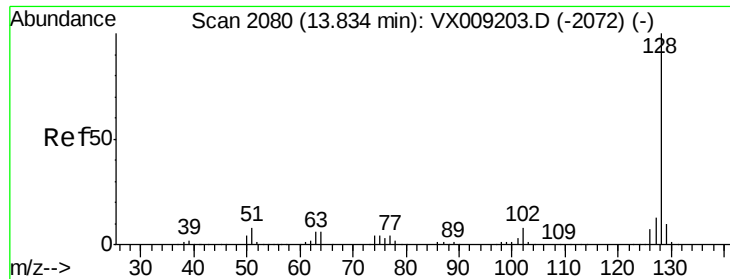
Tot Ion:180 Resp: 56278
 Ion Ratio Lower Upper
 180 100
 182 92.8 48.4 145.2
 145 29.5 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 19.284 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009340.D
 Acq: 06 May 2019 11:11

Tgt Ion:225 Resp: 27926
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 65.6 31.8 95.3

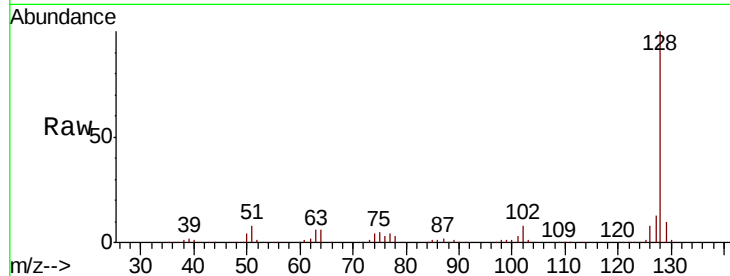




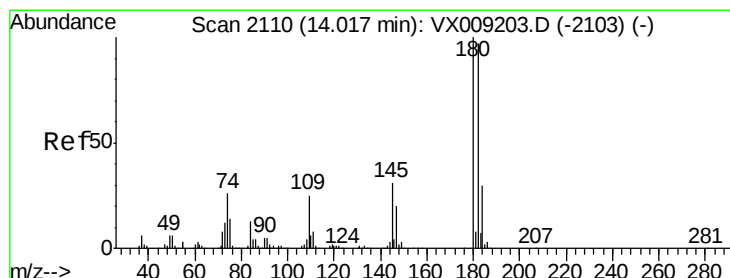
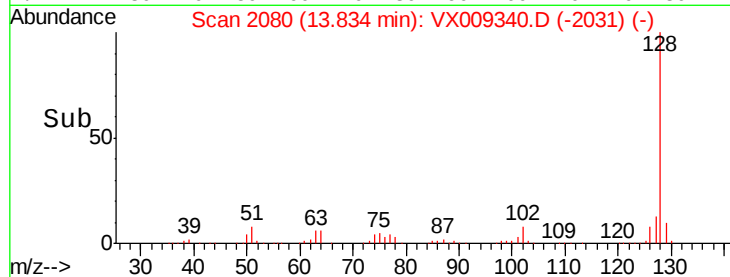
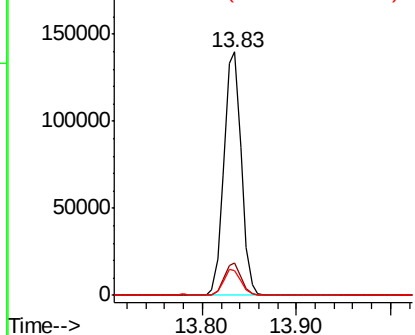
#95
Naphthalene
Concen: 19.323 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion:128 Resp: 178276
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0

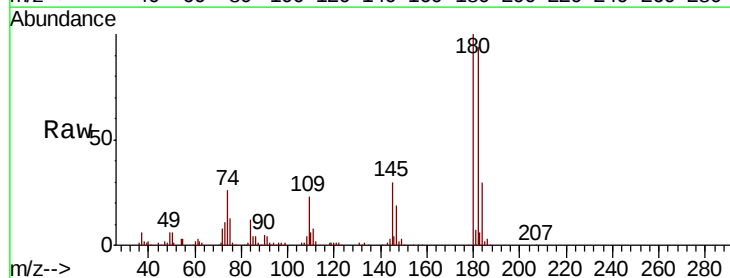


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.965 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009340.D
Acq: 06 May 2019 11:11

Tgt Ion:180 Resp: 57389
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.4
145 30.7 15.4 46.4



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

