

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009862.D
 Acq On : 23 May 2019 16:41
 Operator : JC/SP
 Sample : VX0523WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

Quant Time: May 24 03:52:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123136	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	
35) Dibromofluoromethane	5.50	113	86938	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	8.71	98	362254	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.13	95	130109	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28669	16.470	ug/l	97
3) Chloromethane	1.32	50	44655	18.791	ug/l	100
4) Vinyl Chloride	1.41	62	42601	18.384	ug/l	96
5) Bromomethane	1.64	94	26196	18.834	ug/l	99
6) Chloroethane	1.72	64	26907	18.085	ug/l	97
7) Trichlorofluoromethane	1.93	101	51918	18.431	ug/l	99
8) Diethyl Ether	2.19	74	24101	18.063	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31526	17.822	ug/l	100
10) Methyl Iodide	2.51	142	34565	19.867	ug/l	98
11) Tert butyl alcohol	3.05	59	58432	97.896	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31556	17.805	ug/l	97
13) Acrolein	2.29	56	42797	79.173	ug/l	98
14) Allyl chloride	2.73	41	79771	18.469	ug/l	98
15) Acrylonitrile	3.14	53	132470	90.769	ug/l	99
16) Acetone	2.45	43	139279	100.591	ug/l	96
17) Carbon Disulfide	2.57	76	90204	18.128	ug/l	99
18) Methyl Acetate	2.78	43	58740	17.839	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	124182	18.043	ug/l	99
20) Methylene Chloride	2.85	84	39193	17.482	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	34295	17.842	ug/l	94
22) Diisopropyl ether	3.85	45	157471	18.958	ug/l	94
23) Vinyl Acetate	3.81	43	695908	97.839	ug/l	98
24) 1,1-Dichloroethane	3.70	63	74299	18.132	ug/l	98
25) 2-Butanone	4.67	43	209832	97.523	ug/l	99
26) 2,2-Dichloropropane	4.59	77	56198	18.425	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	41100	17.914	ug/l	98
28) Bromochloromethane	5.01	49	39930	22.712	ug/l	96
29) Tetrahydrofuran	5.13	42	132558	95.740	ug/l	97
30) Chloroform	5.21	83	66853	18.039	ug/l	100
31) Cyclohexane	5.58	56	71806	18.835	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	55177	17.885	ug/l	98
36) 1,1-Dichloropropene	5.80	75	51805	18.655	ug/l	99
37) Ethyl Acetate	4.84	43	76864	19.865	ug/l	99
38) Carbon Tetrachloride	5.79	117	45355	17.976	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

Quant Time: May 24 03:52:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63839	18.719	ug/l	94
40) Benzene	6.15	78	159582	18.568	ug/l	100
41) Methacrylonitrile	5.04	41	42397	18.408	ug/l	99
42) 1,2-Dichloroethane	6.19	62	59560	19.319	ug/l	99
43) Isopropyl Acetate	6.45	43	119395	19.291	ug/l	99
44) Trichloroethene	7.21	130	37454	18.027	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45986	18.896	ug/l	95
46) Dibromomethane	7.66	93	25895	18.324	ug/l	99
47) Bromodichloromethane	7.90	83	51430	18.244	ug/l	100
48) Methyl methacrylate	7.77	41	60140	19.586	ug/l	97
49) 1,4-Dioxane	7.74	88	22320	358.439	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	398407	98.487	ug/l	98
52) Toluene	8.79	92	95985	18.373	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58870	18.497	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	64412	18.285	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	38737	18.175	ug/l	95
56) Ethyl methacrylate	9.18	69	71158	18.703	ug/l	96
57) 1,3-Dichloropropane	9.37	76	69294	18.475	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	190394	94.332	ug/l	99
59) 2-Hexanone	9.49	43	312550	98.375	ug/l	97
60) Dibromochloromethane	9.58	129	36994	17.771	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39662	18.435	ug/l	100
64) Tetrachloroethene	9.34	164	34709	18.628	ug/l	97
65) Chlorobenzene	10.14	112	98453	18.119	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	35597	18.070	ug/l	98
67) Ethyl Benzene	10.25	91	185571	18.557	ug/l	99
68) m/p-Xylenes	10.36	106	135186	36.993	ug/l	97
69) o-Xylene	10.70	106	65604	18.195	ug/l	98
70) Styrene	10.71	104	115141	18.373	ug/l	99
71) Bromoform	10.85	173	27851	17.397	ug/l #	99
73) Isopropylbenzene	11.02	105	176114	18.412	ug/l	99
74) N-amyl acetate	10.90	43	107509	19.279	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	65020	18.235	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	74545	24.432	ug/l	82
77) Bromobenzene	11.26	156	42421	17.868	ug/l	97
78) n-propylbenzene	11.36	91	204277	18.700	ug/l	100
79) 2-Chlorotoluene	11.42	91	121407	18.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148425	18.429	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19950	16.730	ug/l	90
82) 4-Chlorotoluene	11.51	91	140001	18.388	ug/l	99
83) tert-Butylbenzene	11.77	119	141516	18.063	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	150901	18.667	ug/l	99
85) sec-Butylbenzene	11.94	105	170700	18.377	ug/l	100
86) p-Isopropyltoluene	12.06	119	155058	18.569	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76673	18.116	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76499	17.929	ug/l	98
89) n-Butylbenzene	12.38	91	140920	18.671	ug/l	100
90) Hexachloroethane	12.60	117	24679	17.347	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	76437	17.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14652	18.317	ug/l	95

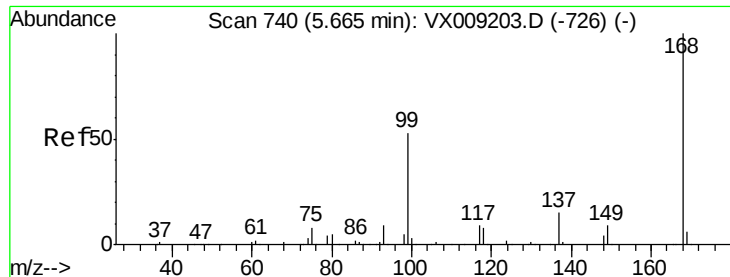
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
Data File : VX009862.D
Acq On : 23 May 2019 16:41
Operator : JC/SP
Sample : VX0523WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Quant Time: May 24 03:52:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53411	18.119	ug/l	99
94) Hexachlorobutadiene	13.78	225	28066	18.644	ug/l	98
95) Naphthalene	13.83	128	173029	18.042	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54001	18.072	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

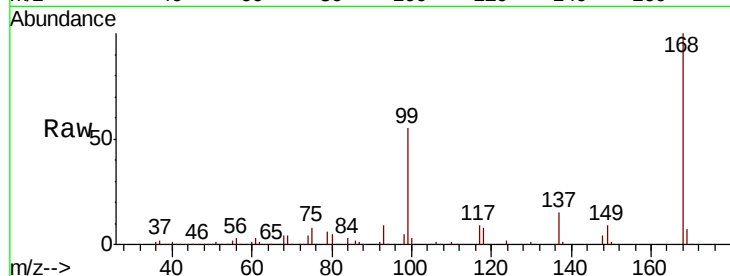
VX0523WBSD01

Tot Ion:168 Resp: 188891

Ion Ratio Lower Upper

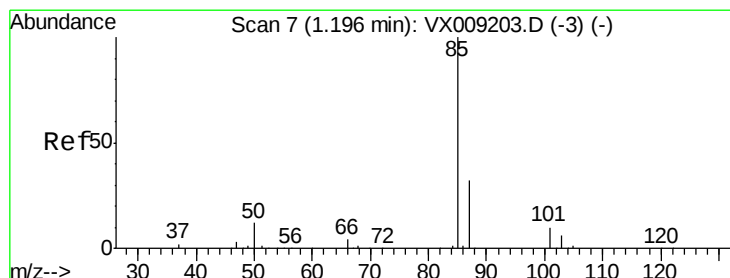
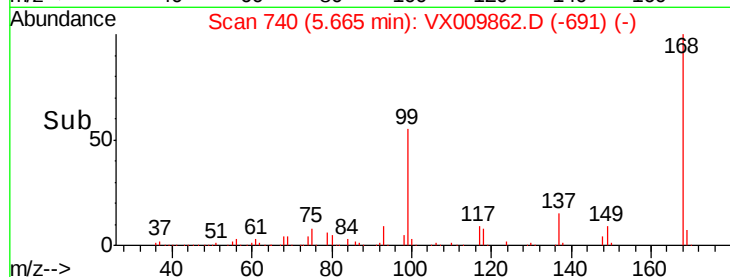
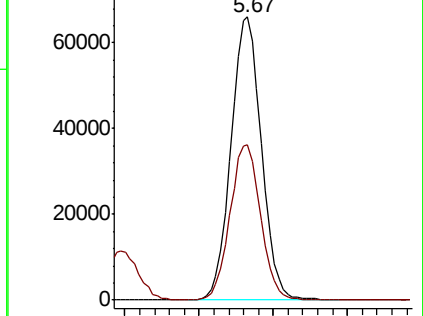
168 100

99 55.0 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: 16.470 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009862.D

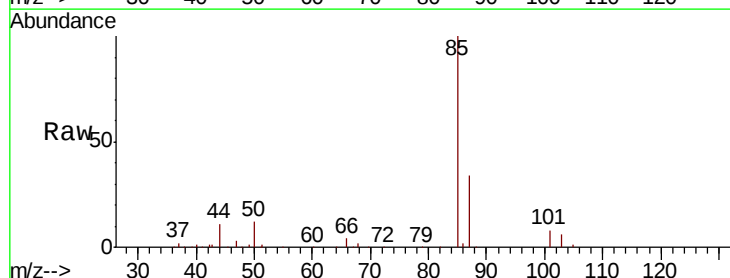
Acq: 23 May 2019 16:41

Tgt Ion: 85 Resp: 28669

Ion Ratio Lower Upper

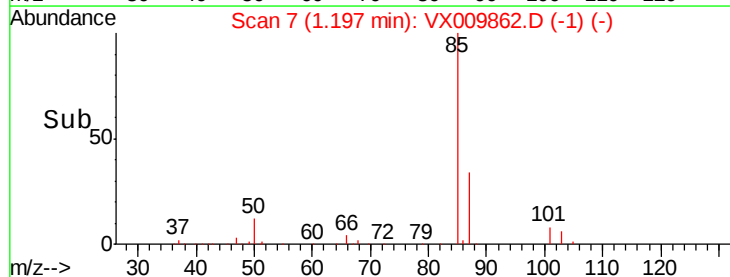
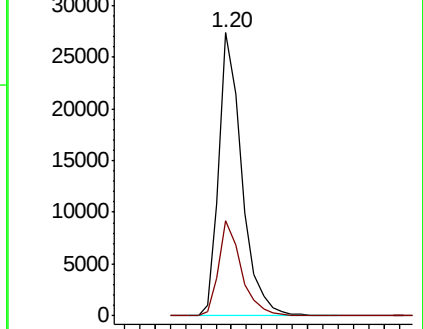
85 100

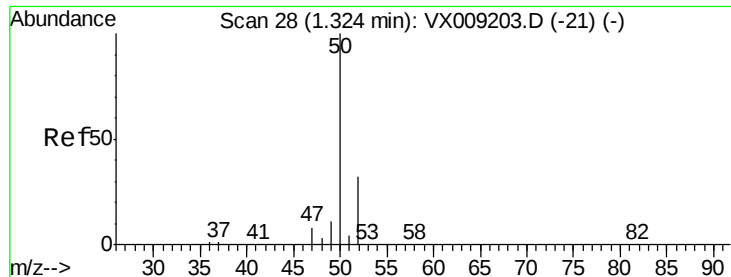
87 33.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.791 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

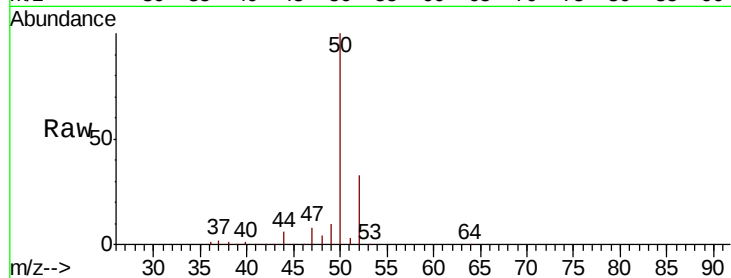
VX0523WBSD01

Tot Ion: 50 Resp: 44655

Ion Ratio Lower Upper

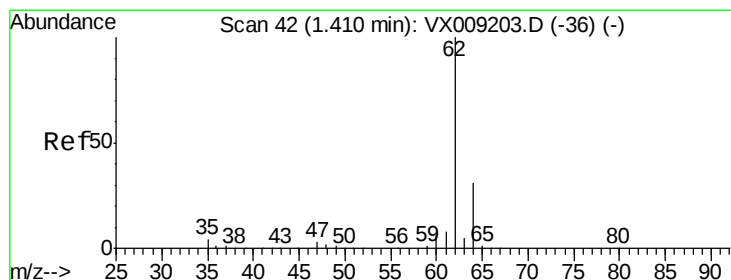
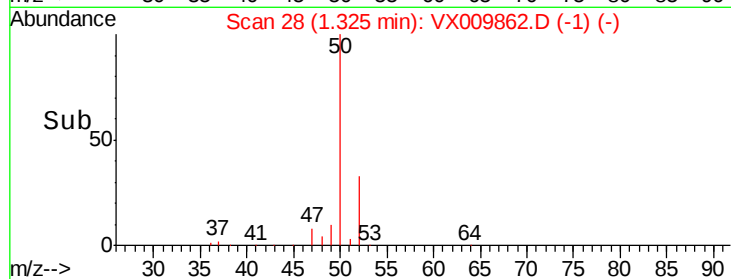
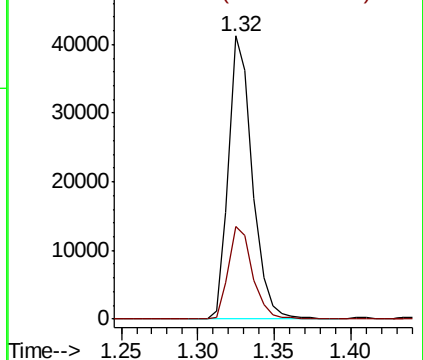
50 100

52 32.7 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: 18.384 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009862.D

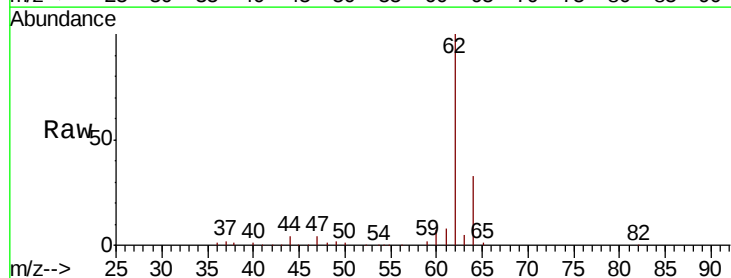
Acq: 23 May 2019 16:41

Tgt Ion: 62 Resp: 42601

Ion Ratio Lower Upper

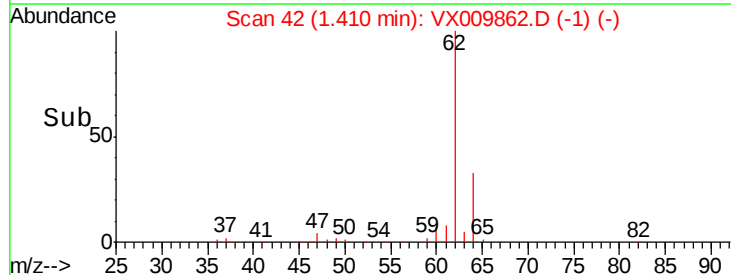
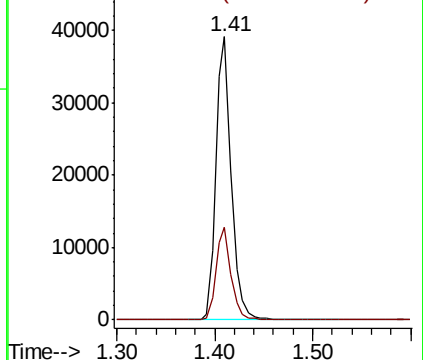
62 100

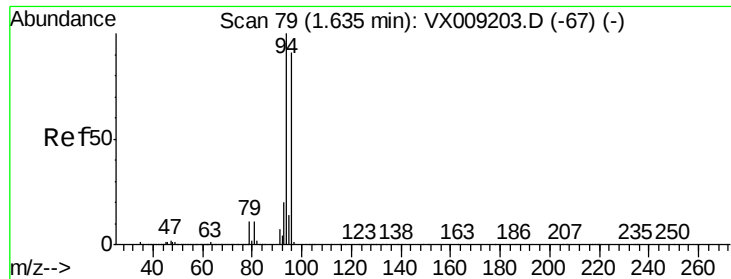
64 32.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.834 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

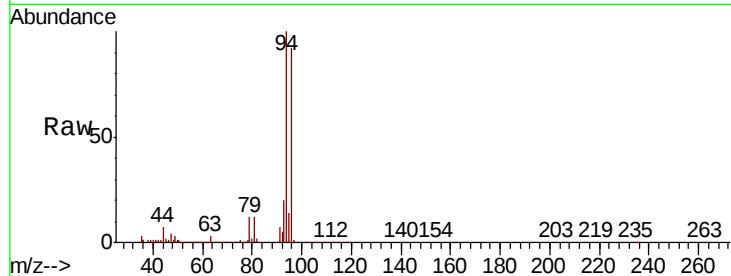
VX0523WBSD01

Tot Ion: 94 Resp: 26196

Ion Ratio Lower Upper

94 100

96 91.9 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

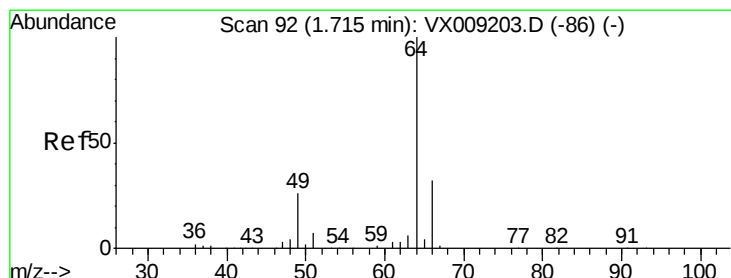
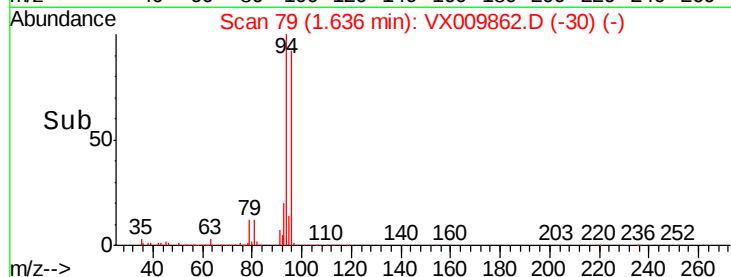
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 18.085 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009862.D

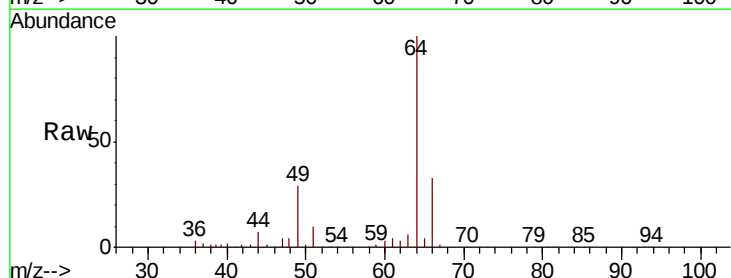
Acq: 23 May 2019 16:41

Tgt Ion: 64 Resp: 26907

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

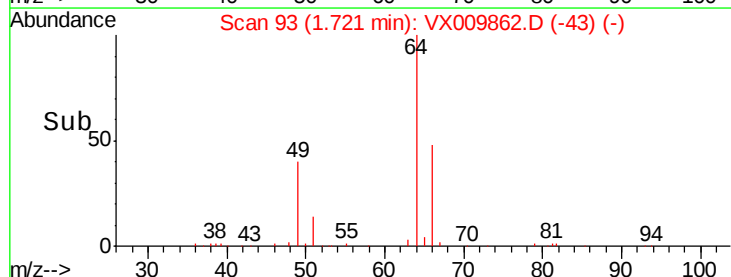
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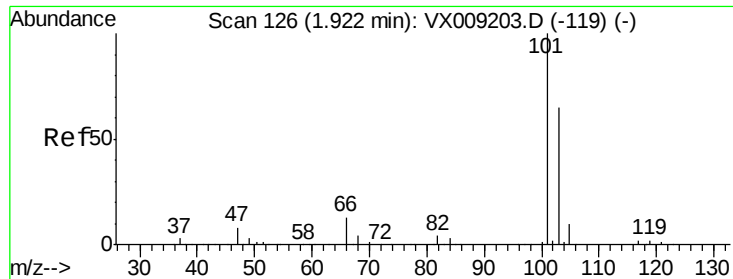
5000

0

Time-->

1.65 1.70 1.75 1.80



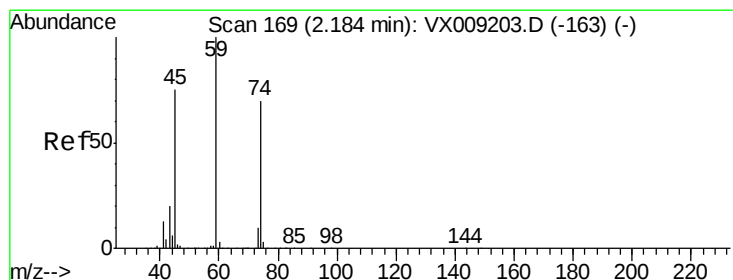
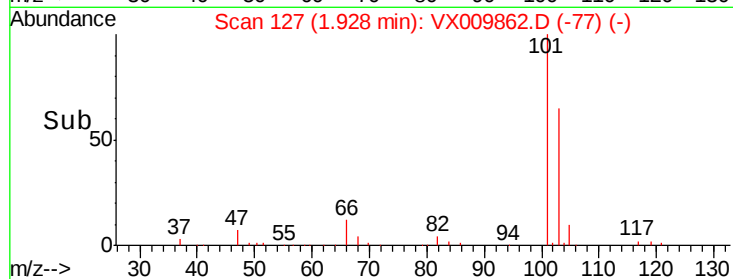
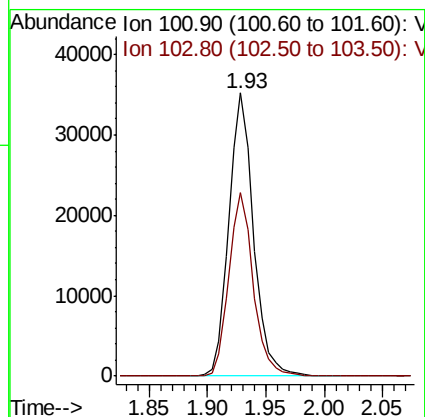
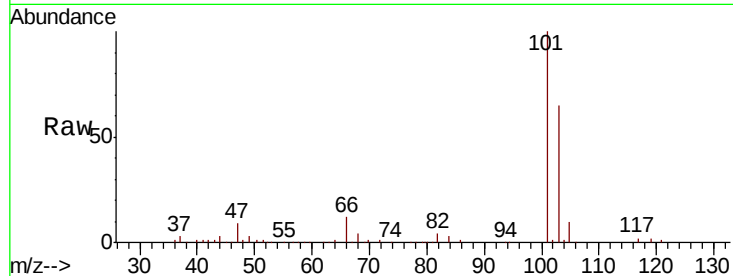


#7

Trichlorofluoromethane
 Concen: 18.431 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

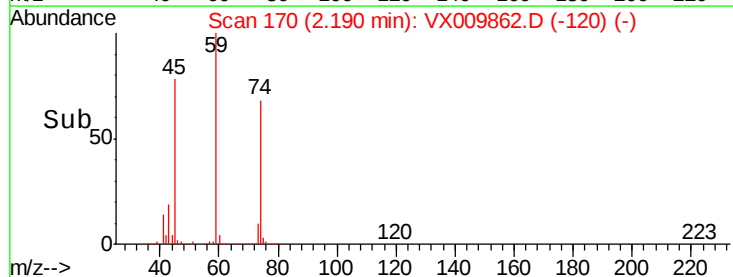
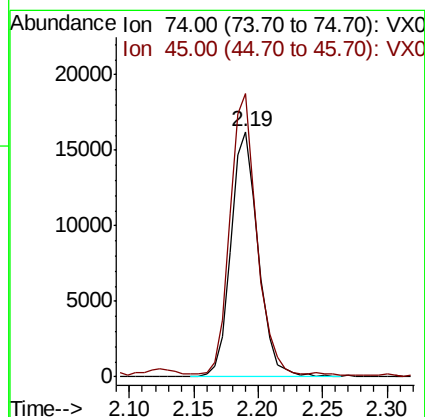
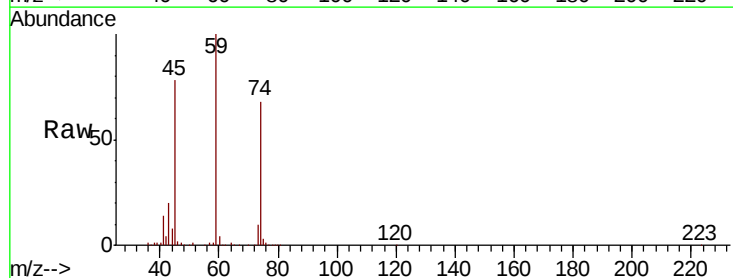
Tot Ion:101 Resp: 51918
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.4 78.6

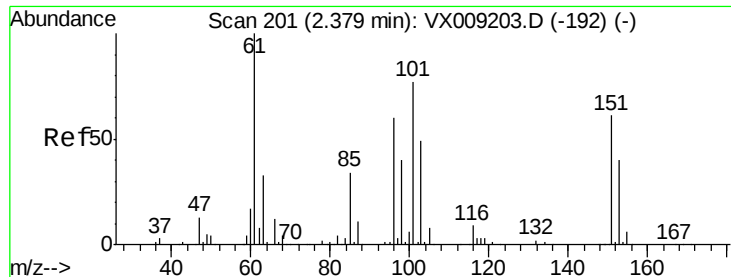


#8

Diethyl Ether
 Concen: 18.063 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Tgt Ion: 74 Resp: 24101
 Ion Ratio Lower Upper
 74 100
 45 111.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.822 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

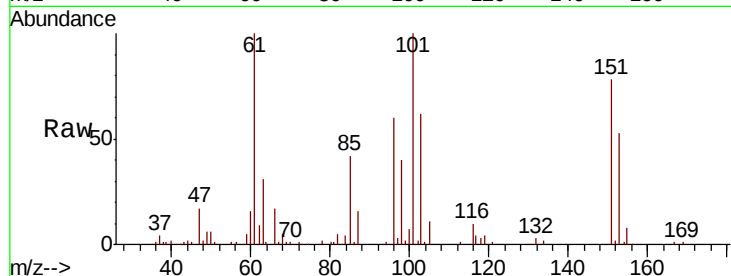
Tot Ion:101 Resp: 31526

Ion Ratio Lower Upper

101 100

85 44.6 35.7 53.5

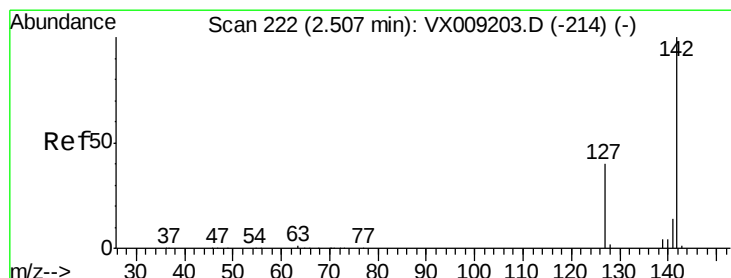
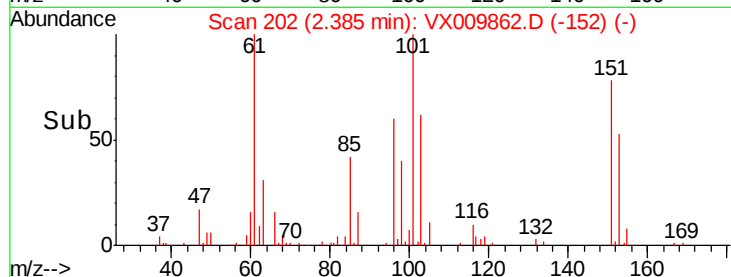
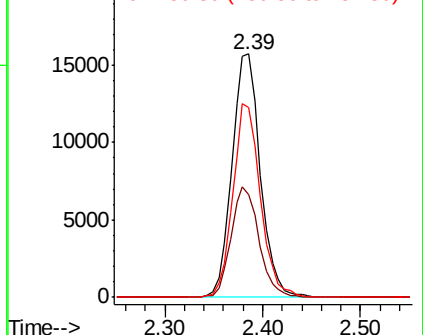
151 77.2 62.2 93.2



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: 19.867 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

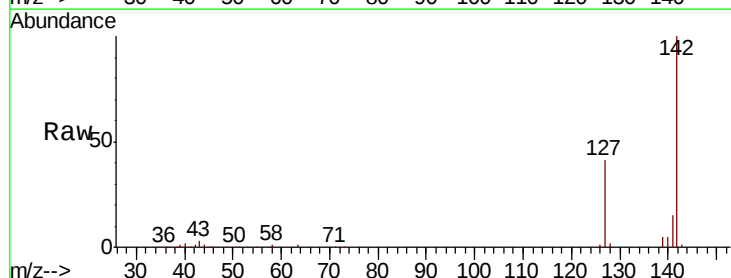
Tgt Ion:142 Resp: 34565

Ion Ratio Lower Upper

142 100

127 42.2 32.7 49.1

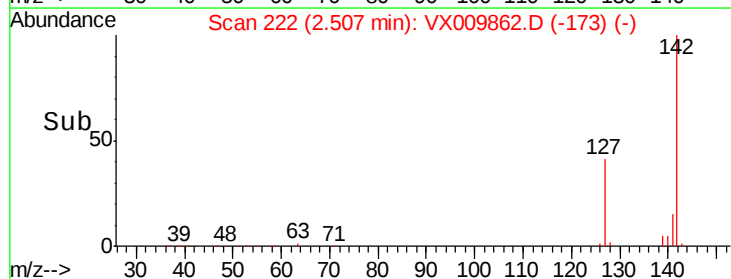
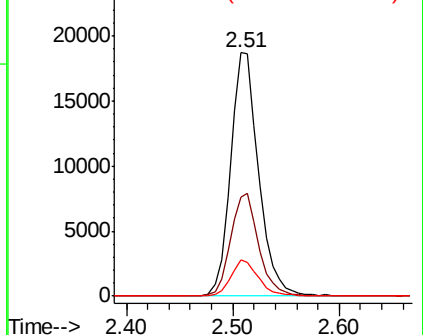
141 14.6 11.5 17.3

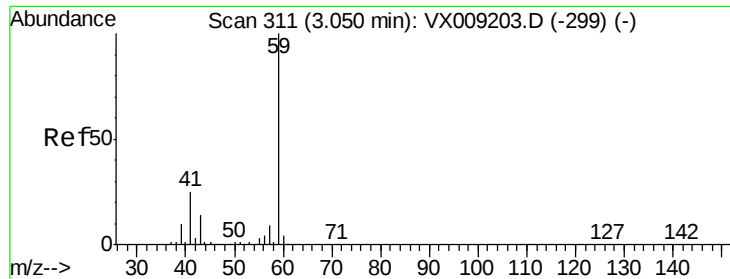


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

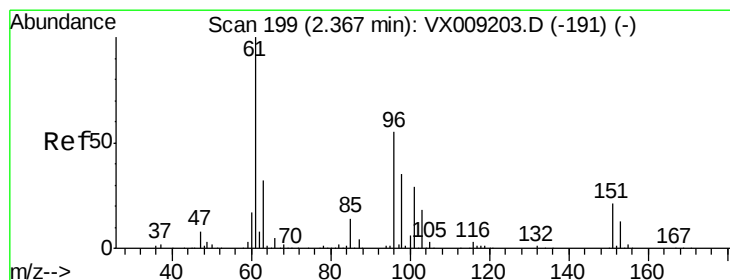
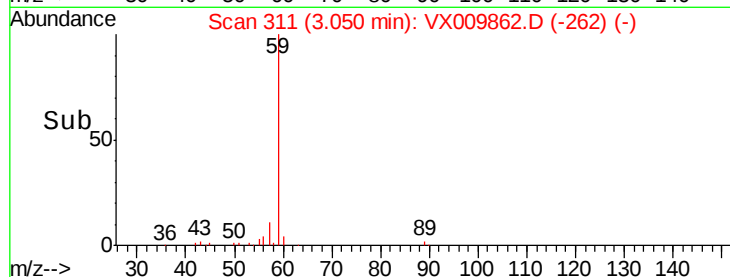
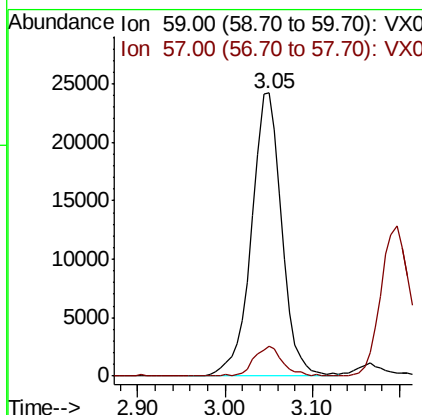
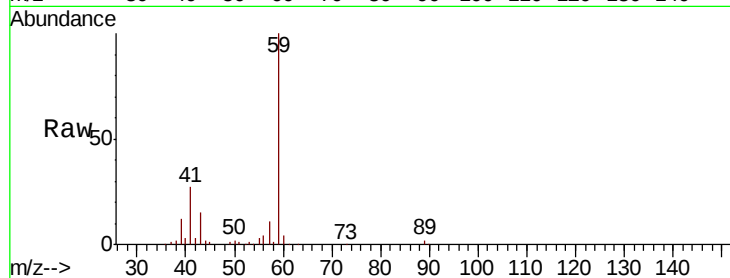




#11
Tert butyl alcohol
Concen: 97.896 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

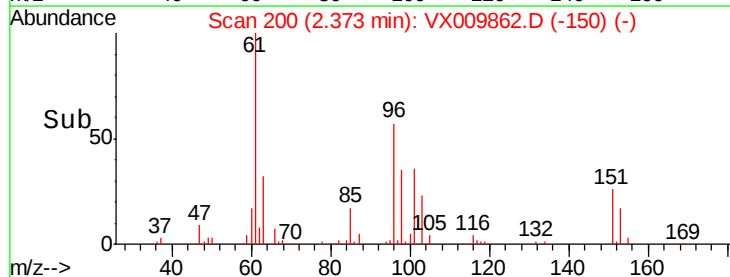
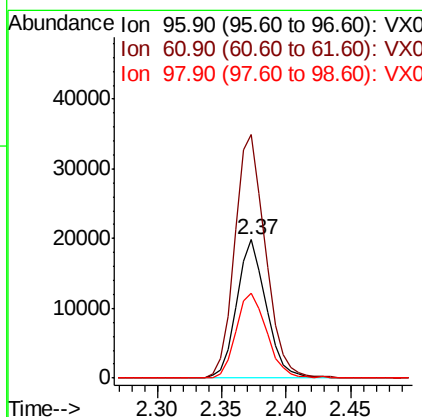
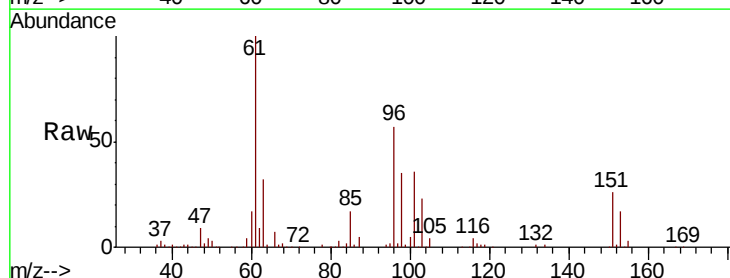
Instrument :
MSVOA_X
ClientSampleID :
VX0523WBSD01

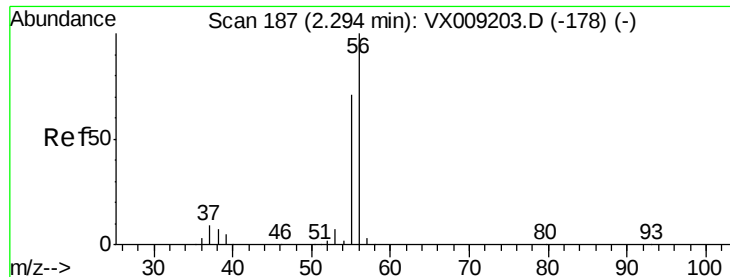
Tot Ion: 59 Resp: 58432
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.805 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 96 Resp: 31556
Ion Ratio Lower Upper
96 100
61 175.8 144.3 216.5
98 60.9 50.3 75.5





#13

Acrolein

Concen: 79.173 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

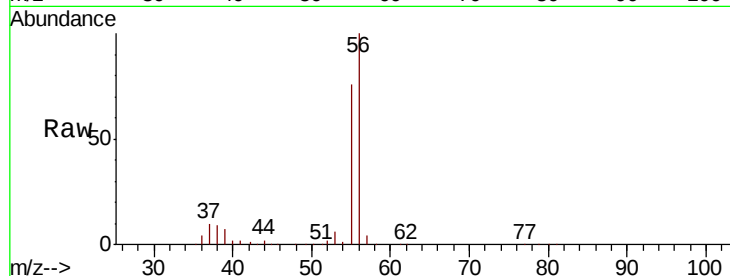
VX0523WBSD01

Tot Ion: 56 Resp: 42797

Ion Ratio Lower Upper

56 100

55 72.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

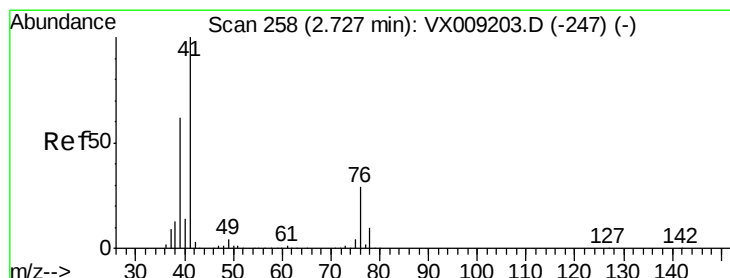
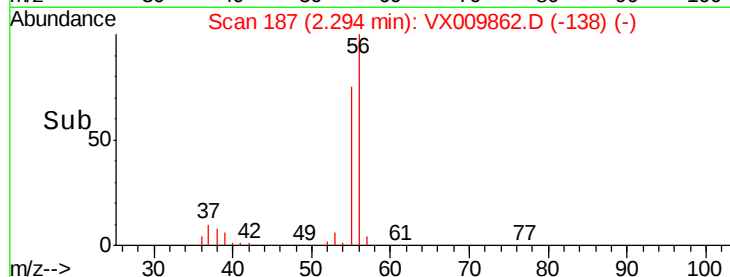
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 18.469 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

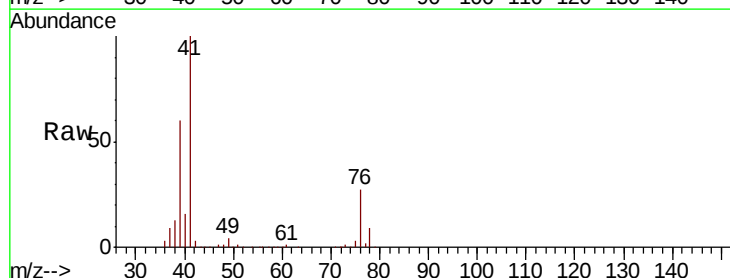
Tgt Ion: 41 Resp: 79771

Ion Ratio Lower Upper

41 100

39 59.3 46.7 70.1

76 26.1 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

50000

40000

30000

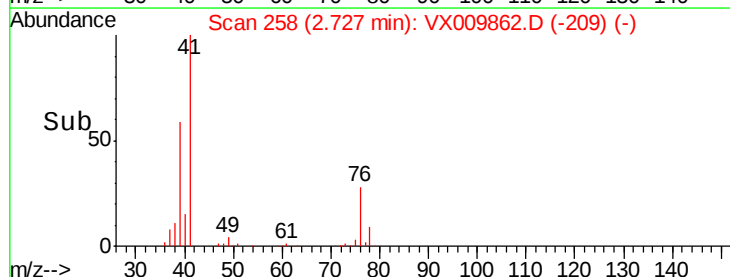
20000

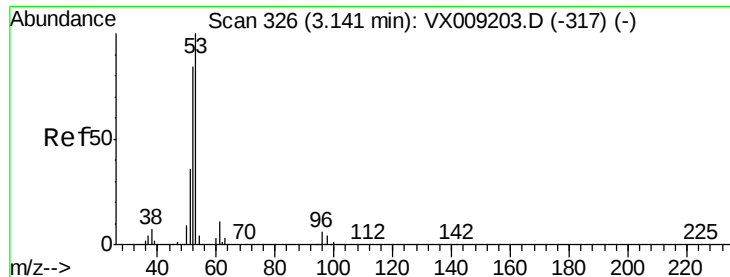
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 90.769 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

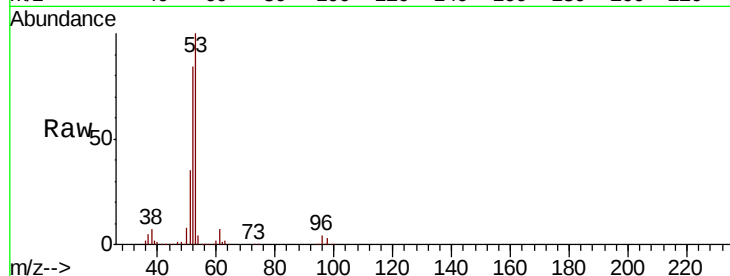
Tot Ion: 53 Resp: 132470

Ion Ratio Lower Upper

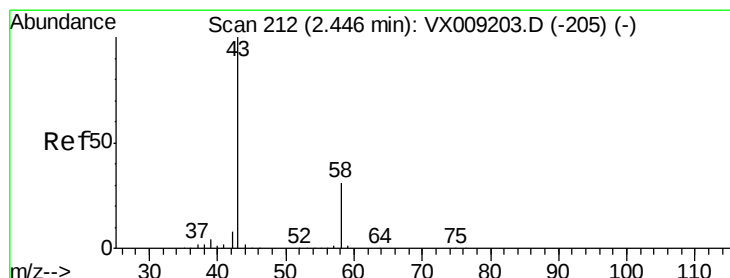
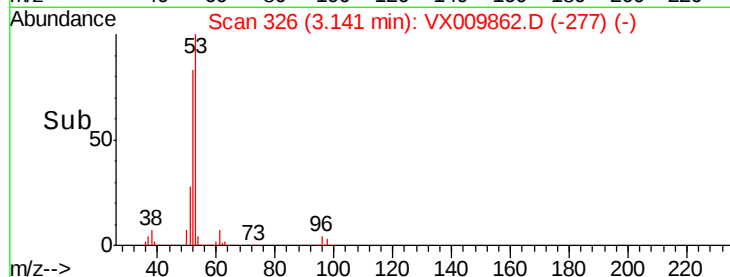
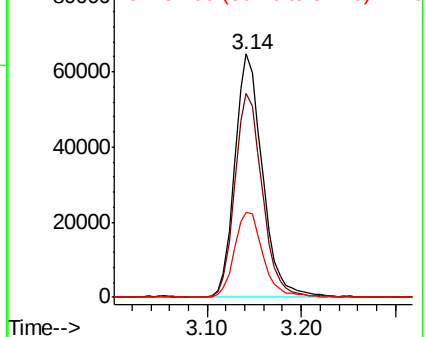
53 100

52 83.8 66.9 100.3

51 36.7 28.2 42.2



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



#16

Acetone

Concen: 100.591 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009862.D

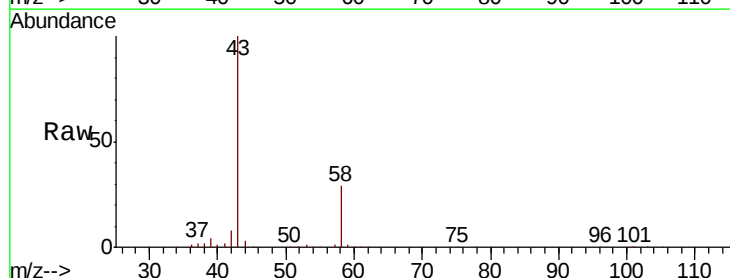
Acq: 23 May 2019 16:41

Tgt Ion: 43 Resp: 139279

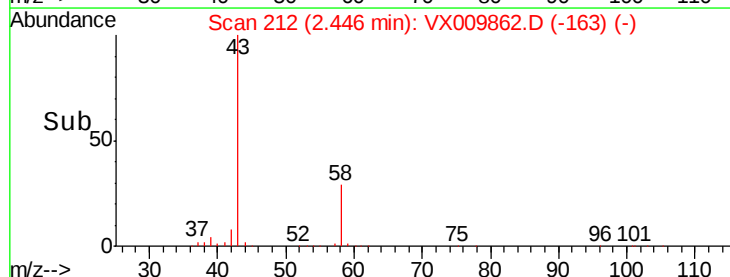
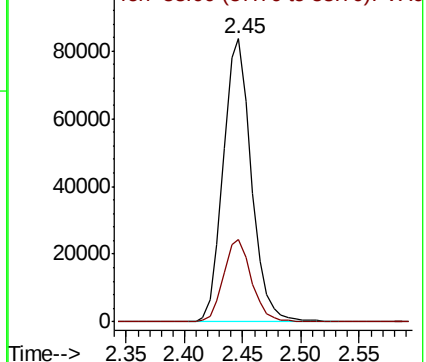
Ion Ratio Lower Upper

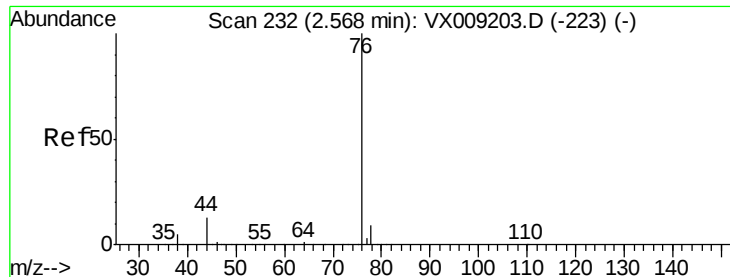
43 100

58 29.2 24.9 37.3



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

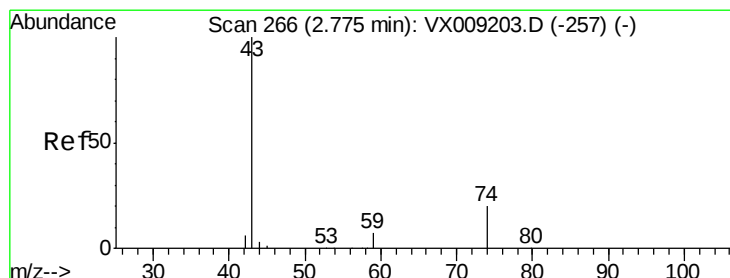
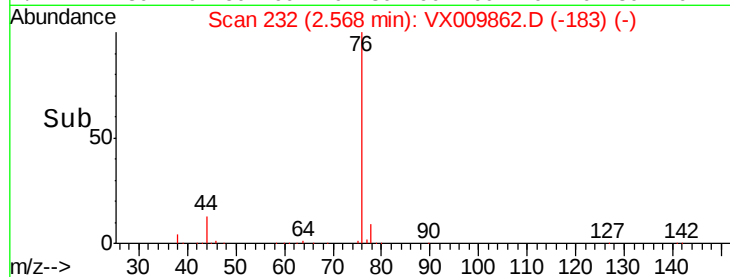
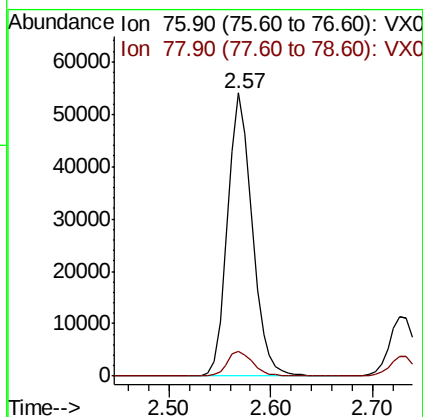
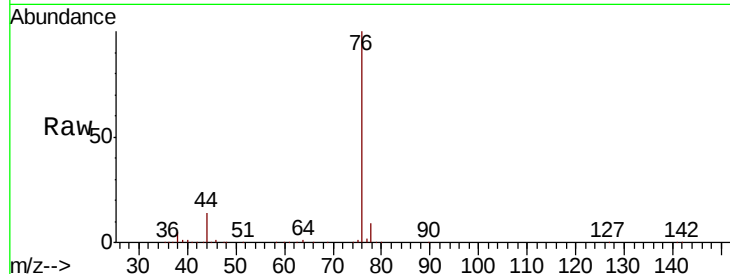




#17
Carbon Disulfide
Concen: 18.128 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

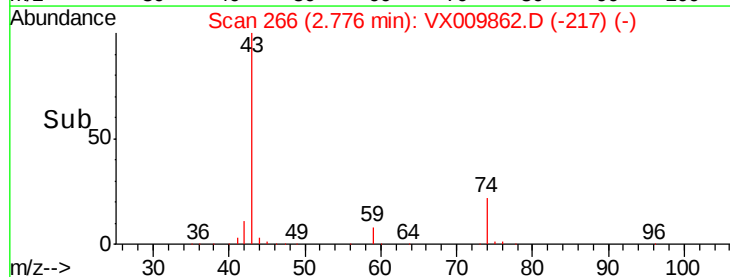
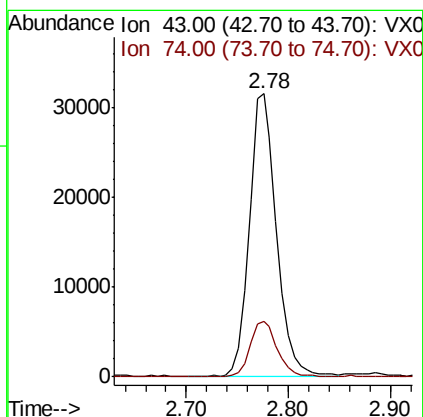
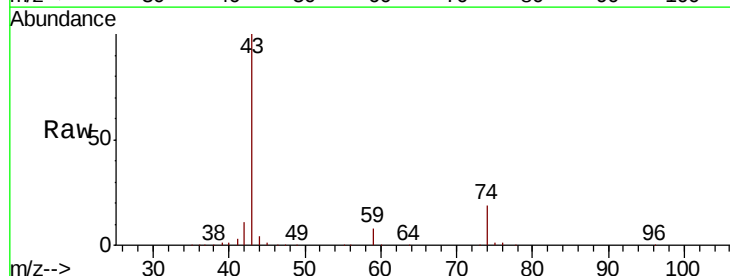
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

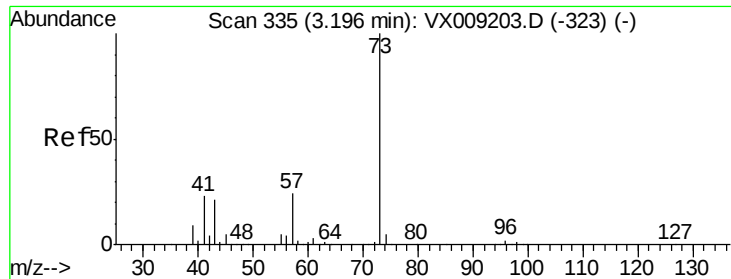
Tot Ion: 76 Resp: 90204
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 17.839 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 43 Resp: 58740
Ion Ratio Lower Upper
43 100
74 20.1 16.2 24.4

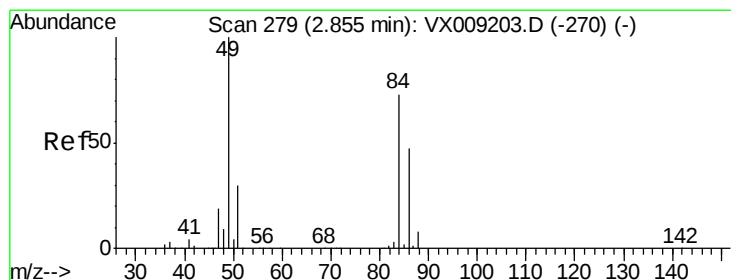
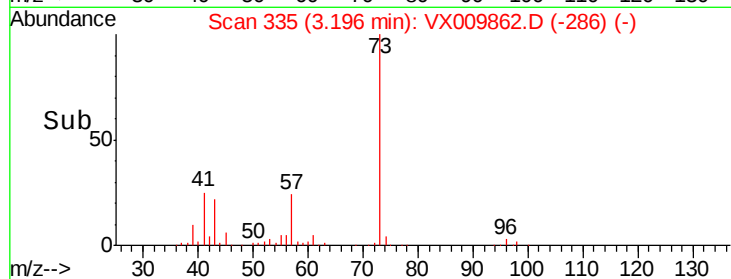
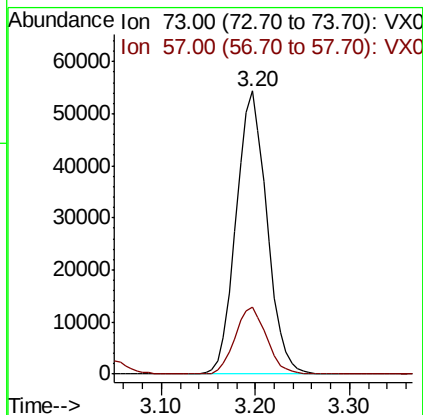
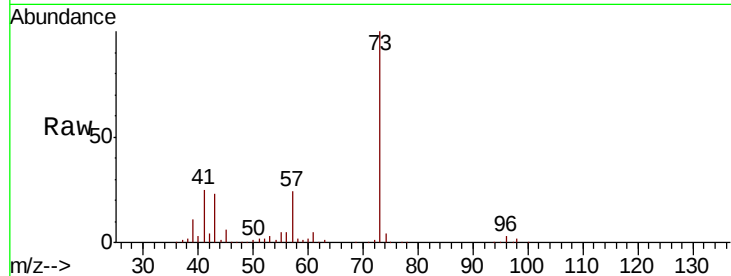




#19
Methyl tert-butyl Ether
Concen: 18.043 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

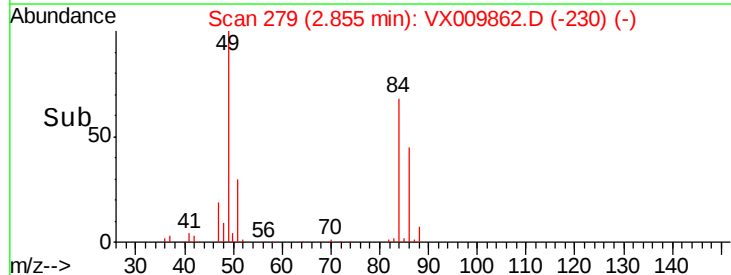
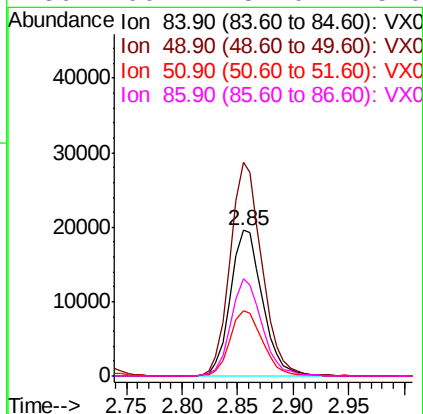
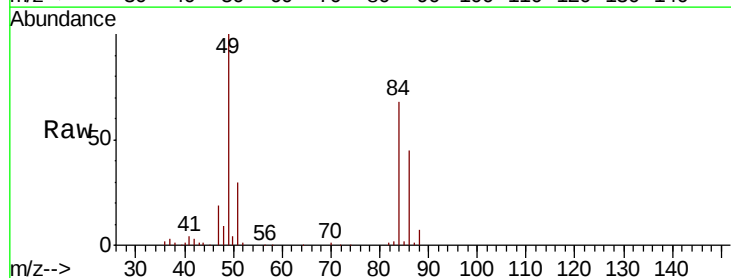
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

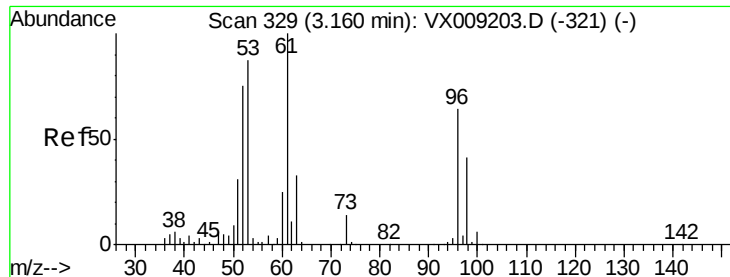
Tot Ion: 73 Resp: 124182
Ion Ratio Lower Upper
73 100
57 23.6 19.3 28.9



#20
Methylene Chloride
Concen: 17.482 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 84 Resp: 39193
Ion Ratio Lower Upper
84 100
49 146.2 109.9 164.9
51 44.5 32.7 49.1
86 66.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.842 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

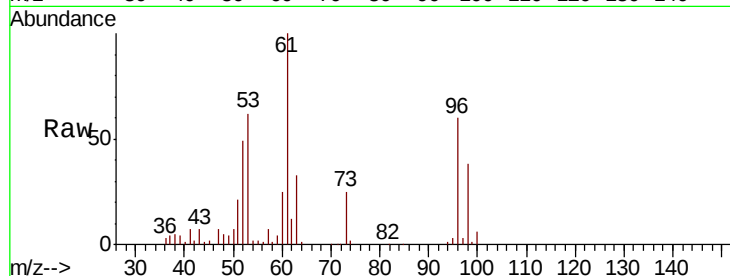
Tot Ion: 96 Resp: 34295

Ion Ratio Lower Upper

96 100

61 166.4 124.5 186.7

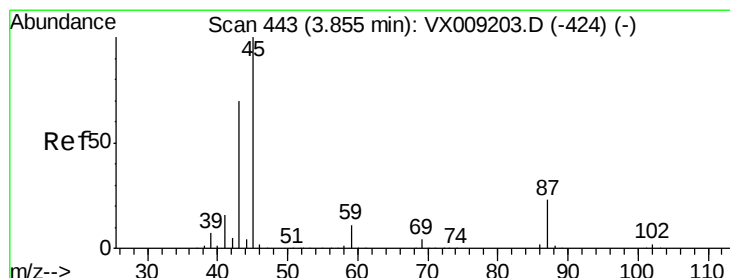
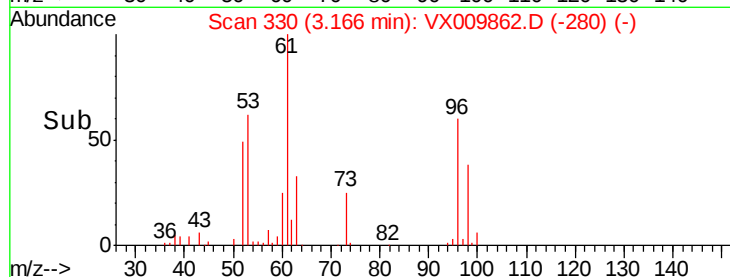
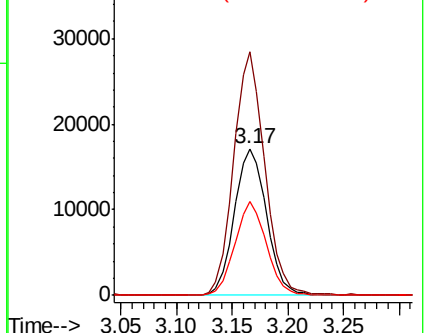
98 63.9 50.4 75.6



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: 18.958 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Tgt Ion: 45 Resp: 157471

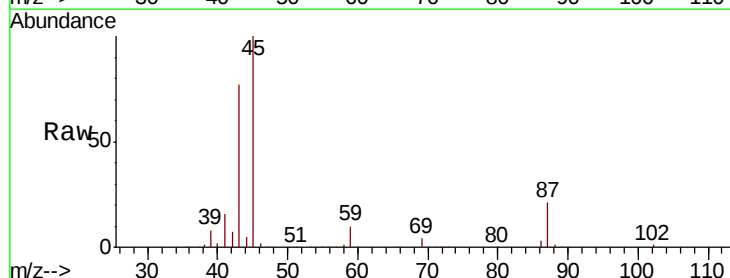
Ion Ratio Lower Upper

45 100

43 76.0 56.1 84.1

87 21.2 18.1 27.1

59 9.9 8.5 12.7

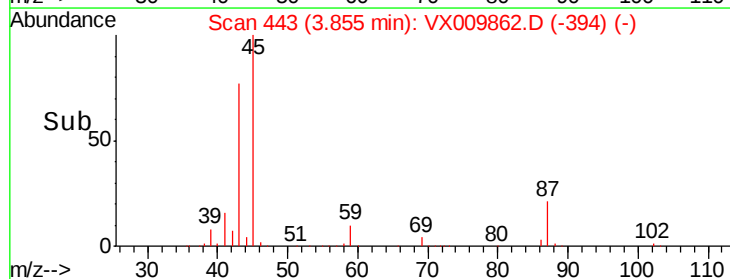
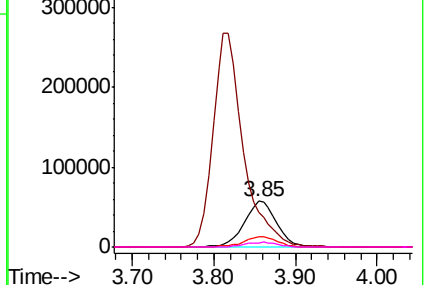


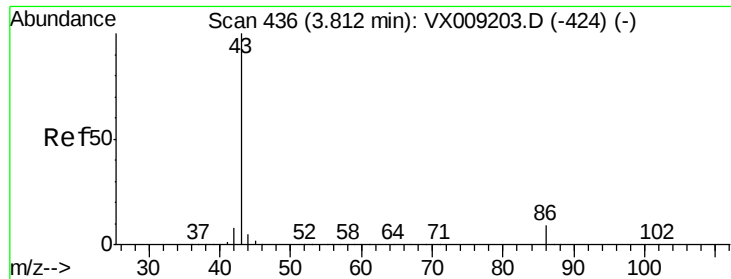
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 97.839 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

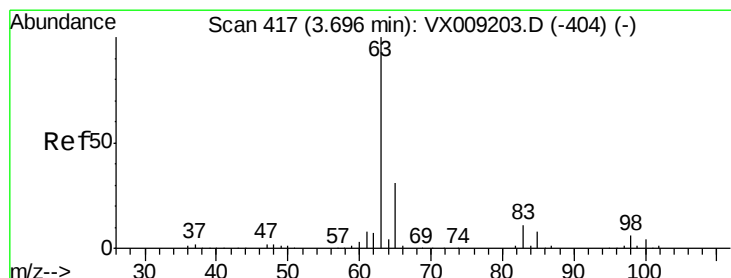
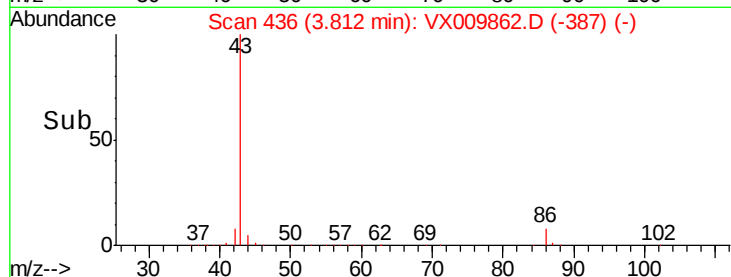
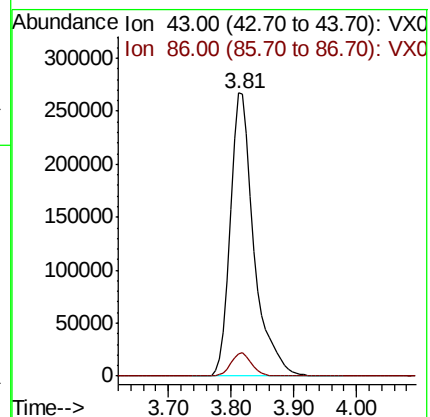
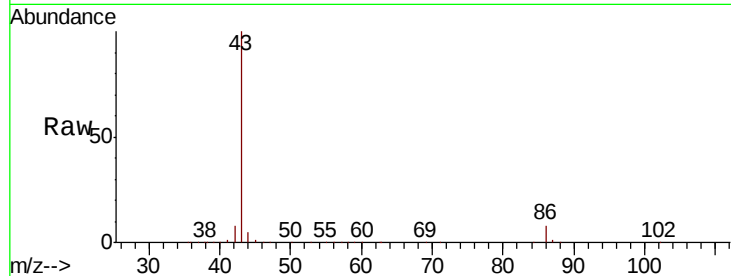
VX0523WBSD01

Tot Ion: 43 Resp: 695908

Ion Ratio Lower Upper

43 100

86 7.9 6.9 10.3



#24

1,1-Dichloroethane

Concen: 18.132 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

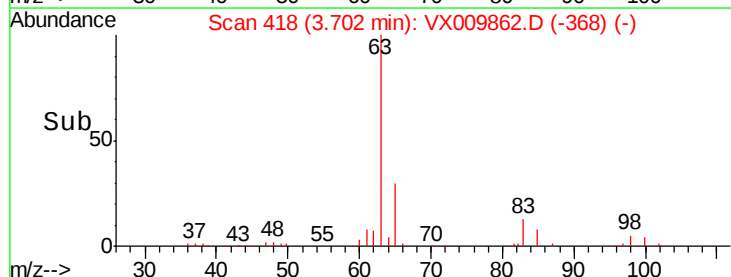
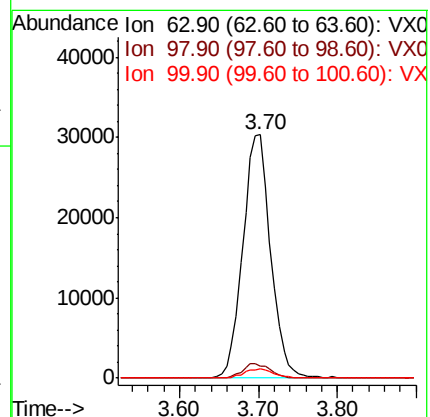
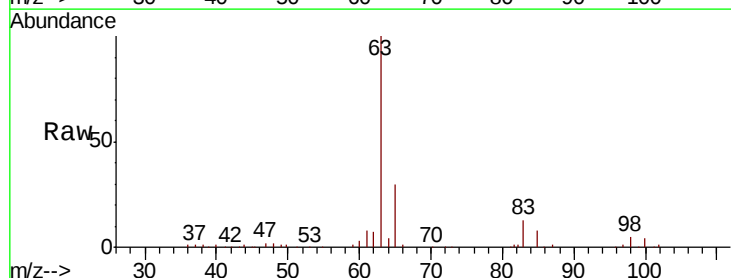
Tgt Ion: 63 Resp: 74299

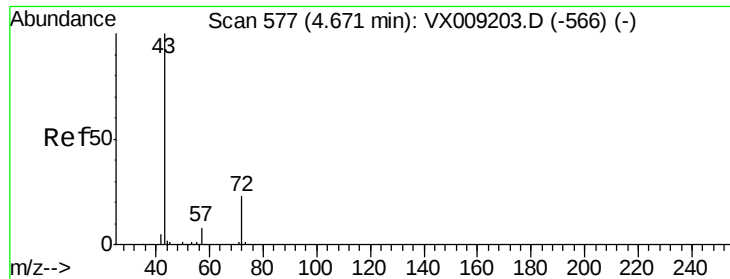
Ion Ratio Lower Upper

63 100

98 5.0 3.0 9.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 97.523 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

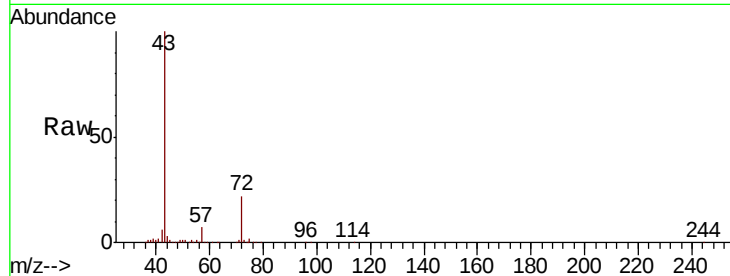
VX0523WBSD01

Tot Ion: 43 Resp: 209832

Ion Ratio Lower Upper

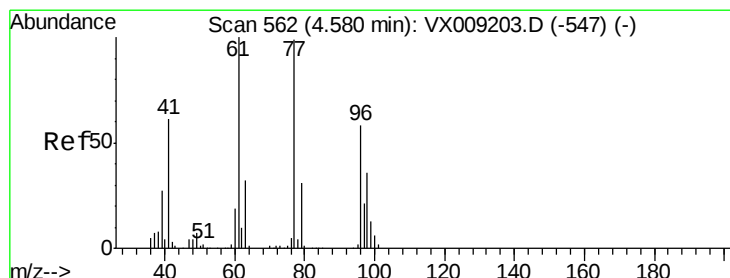
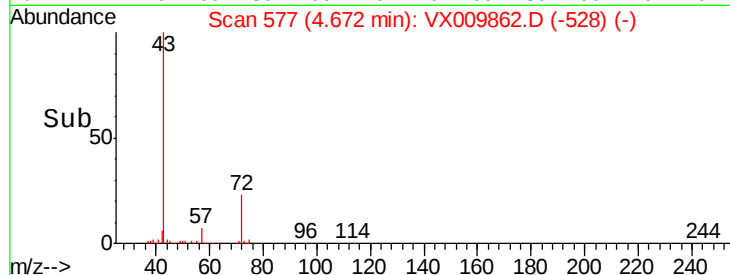
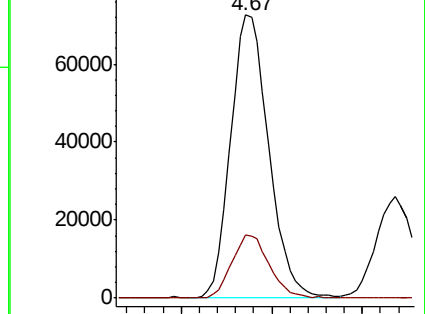
43 100

72 22.4 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: 18.425 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009862.D

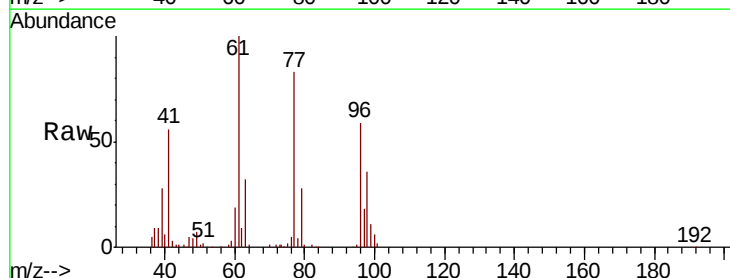
Acq: 23 May 2019 16:41

Tgt Ion: 77 Resp: 56198

Ion Ratio Lower Upper

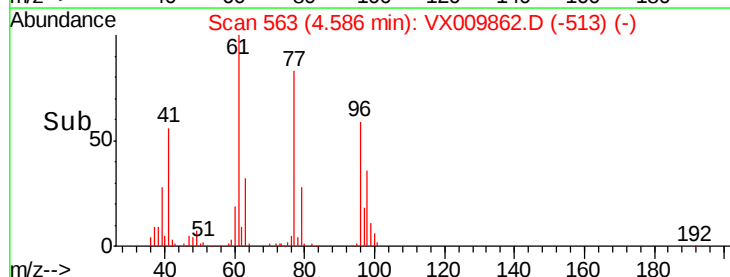
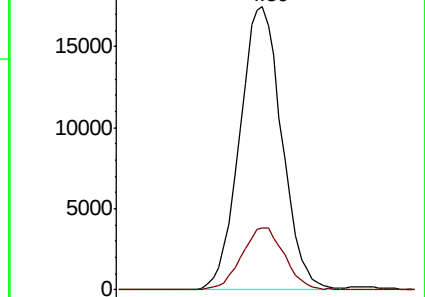
77 100

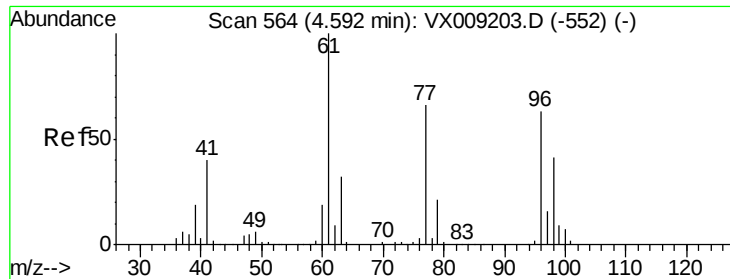
97 22.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



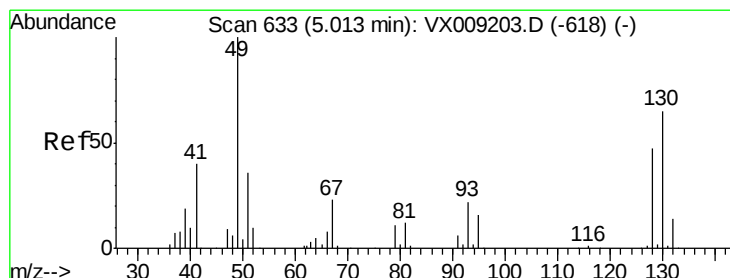
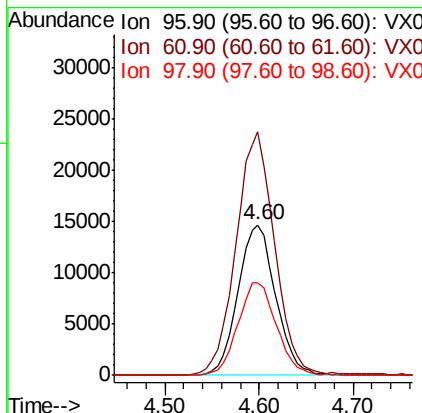
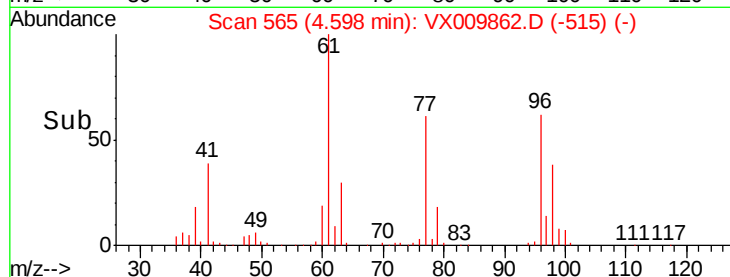
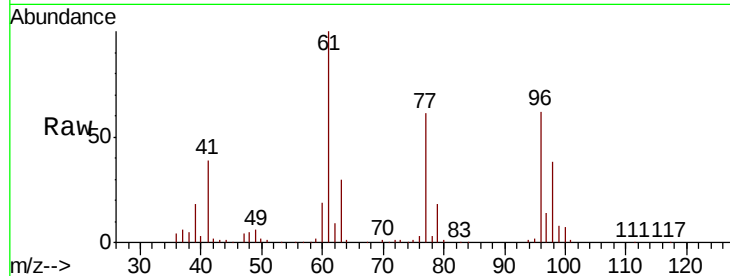


#27

cis-1,2-Dichloroethene
 Concen: 17.914 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

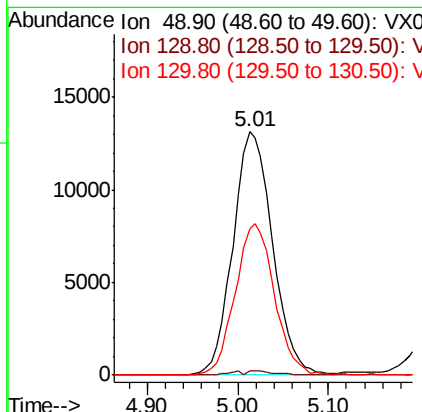
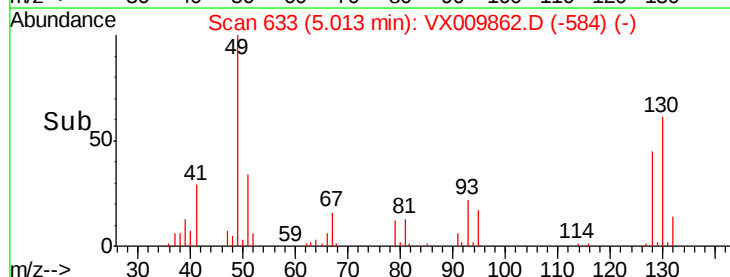
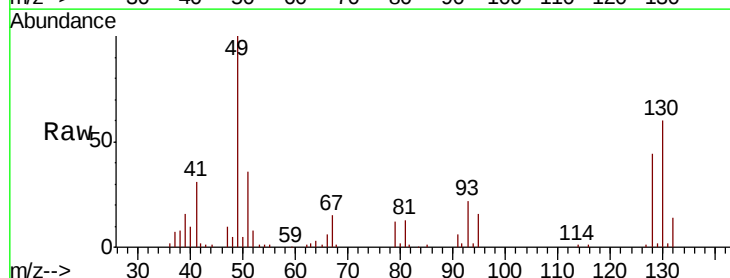
Tot Ion: 96 Resp: 41100
 Ion Ratio Lower Upper
 96 100
 61 165.2 0.0 324.0
 98 63.1 0.0 130.4

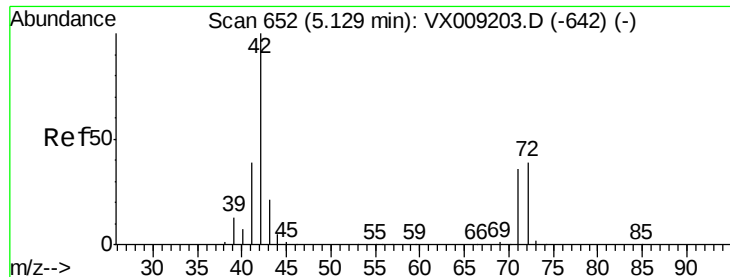


#28

Bromochloromethane
 Concen: 22.712 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Tgt Ion: 49 Resp: 39930
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 61.2 51.2 76.8

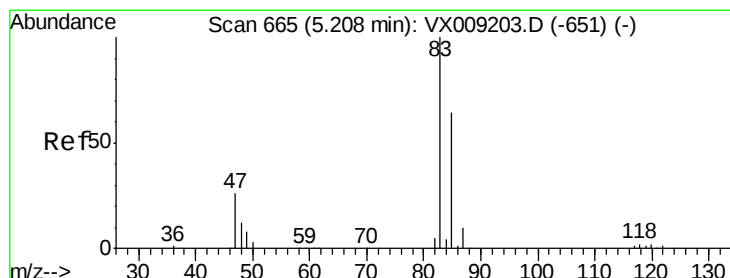
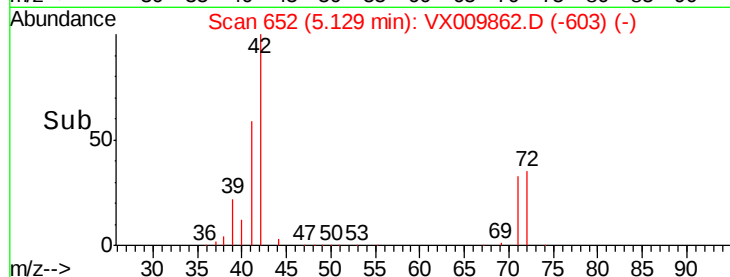
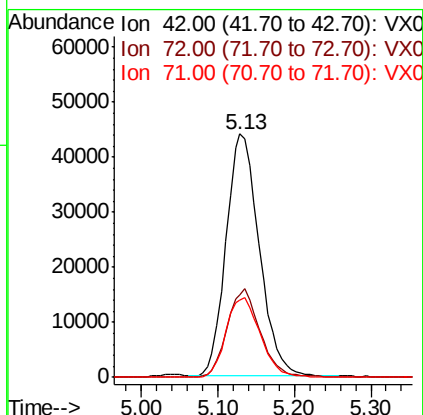
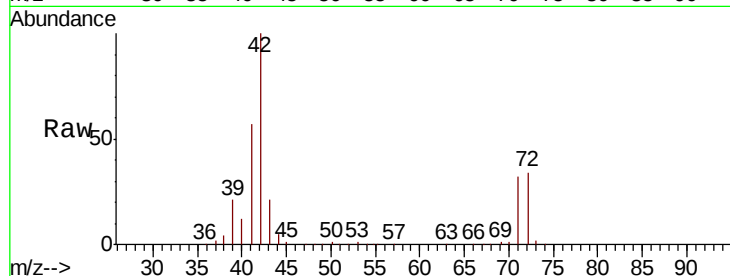




#29
Tetrahydrofuran
Concen: 95.740 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

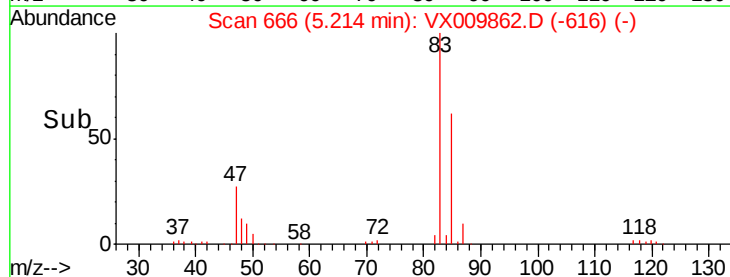
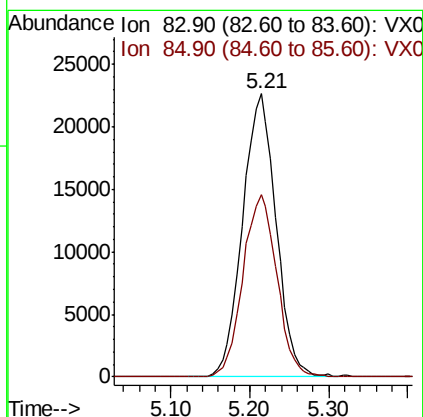
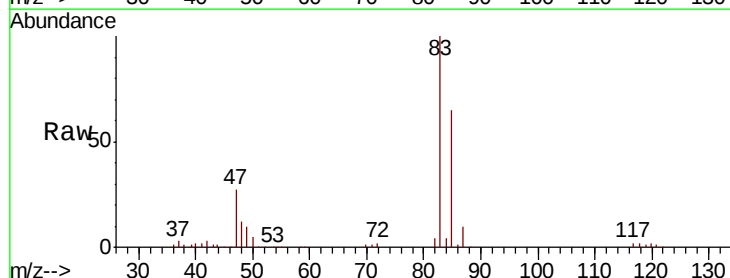
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

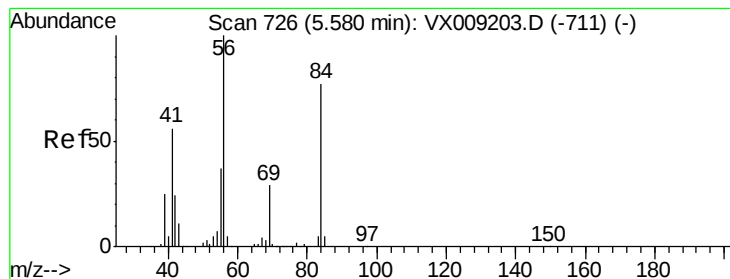
Tot Ion: 42 Resp: 132558
Ion Ratio Lower Upper
42 100
72 36.7 30.4 45.6
71 33.9 28.6 43.0



#30
Chloroform
Concen: 18.039 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 83 Resp: 66853
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3





#31

Cyclohexane

Concen: 18.835 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

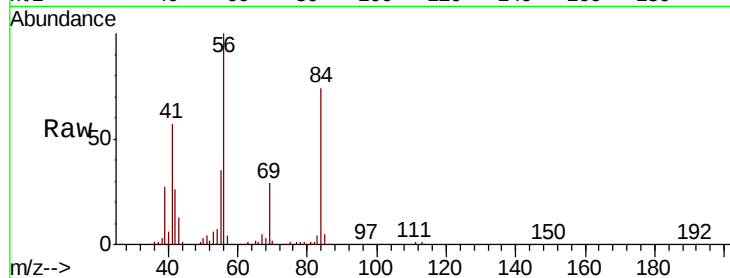
Tot Ion: 56 Resp: 71806

Ion Ratio Lower Upper

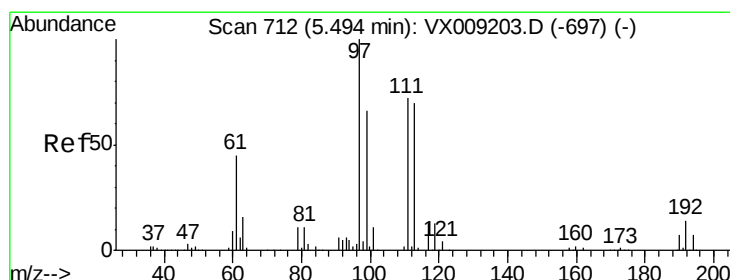
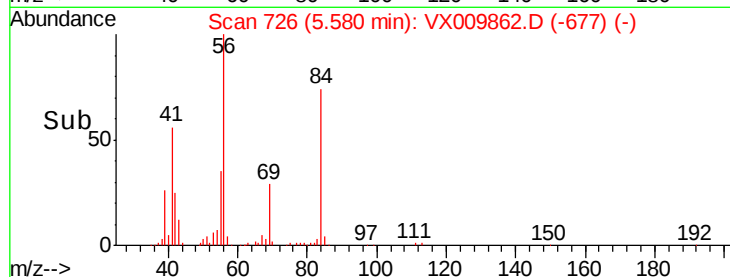
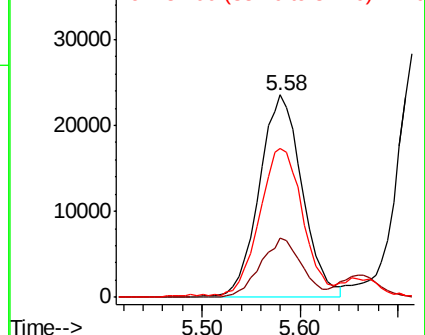
56 100

69 29.0 23.4 35.0

84 72.0 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 17.885 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

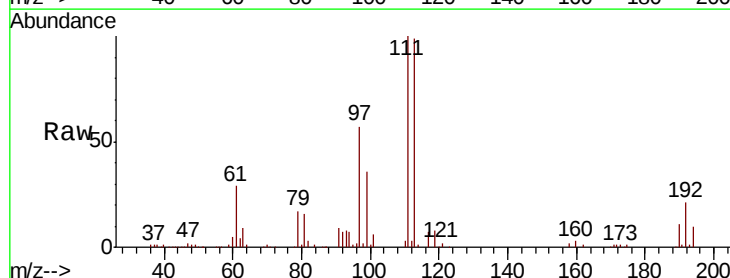
Tgt Ion: 97 Resp: 55177

Ion Ratio Lower Upper

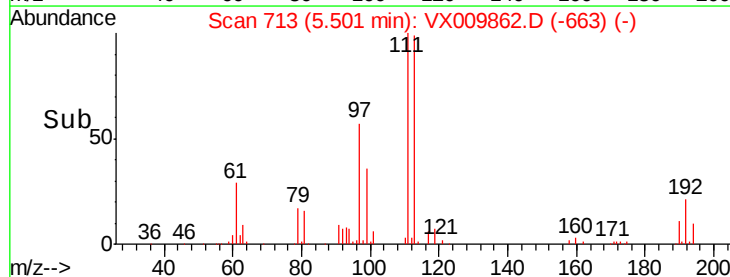
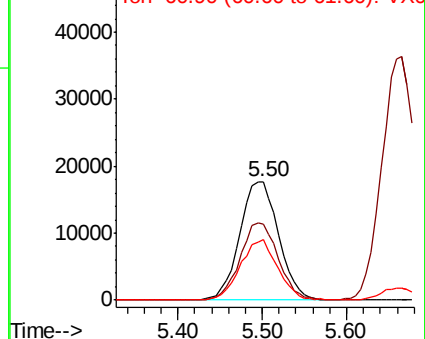
97 100

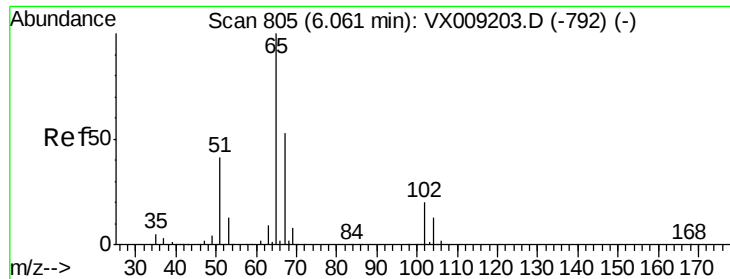
99 64.3 51.8 77.8

61 49.5 37.8 56.8



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





#33

1,2-Dichloroethane-d4

Concen: 47.753 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

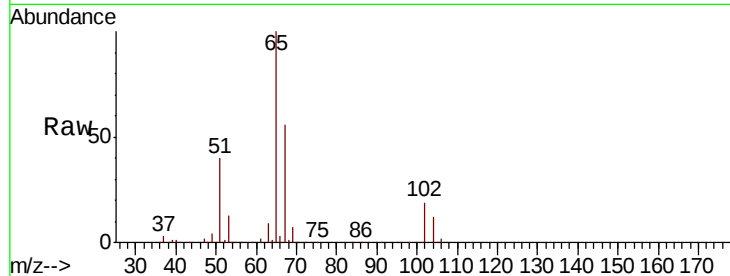
VX0523WBSD01

Tot Ion: 65 Resp: 123136

Ion Ratio Lower Upper

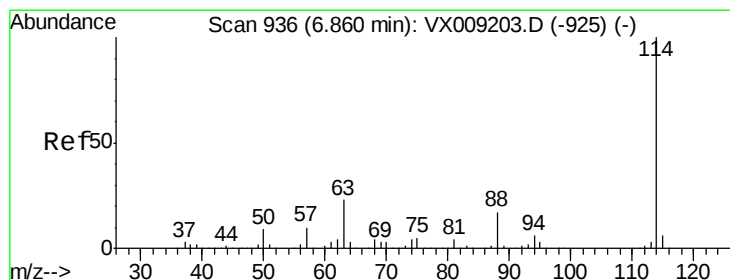
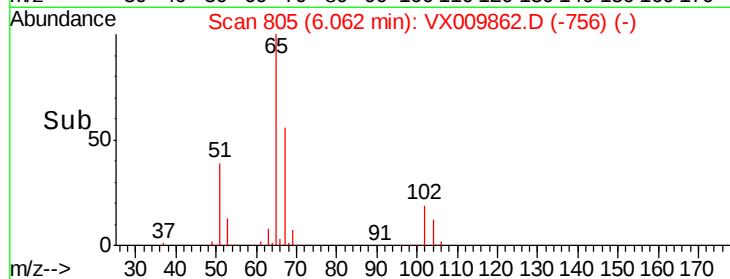
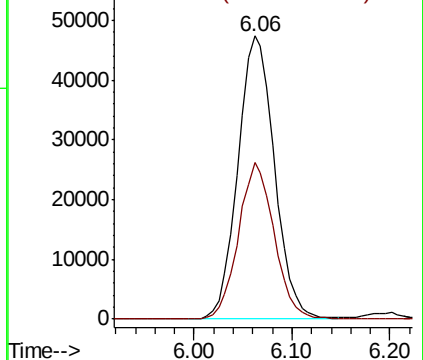
65 100

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

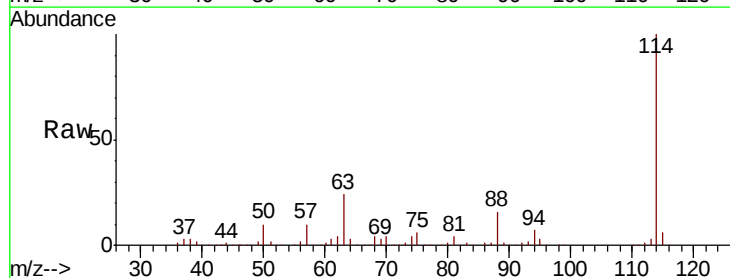
Tgt Ion: 114 Resp: 298826

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.6

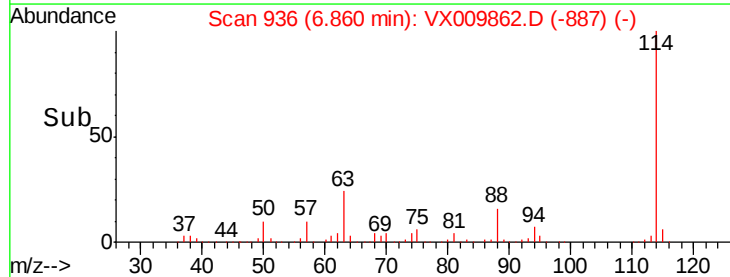
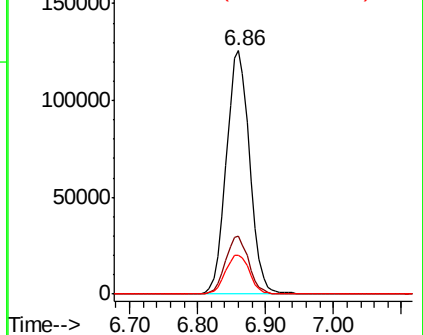
88 15.8 0.0 33.2

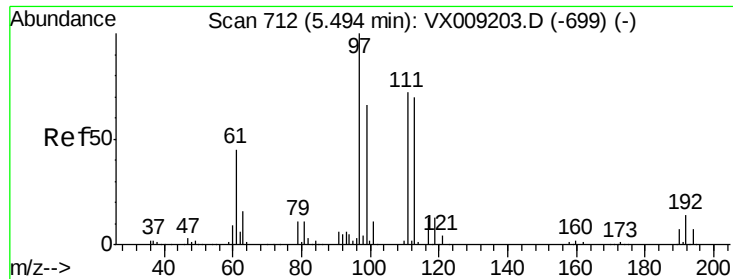


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

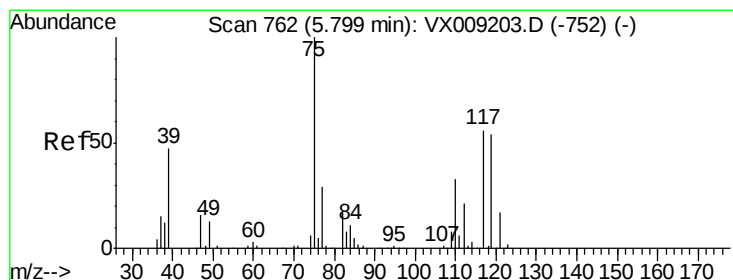
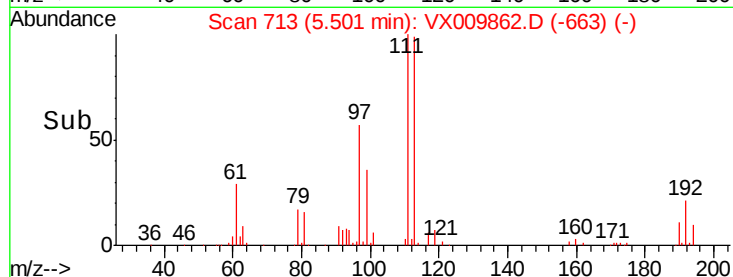
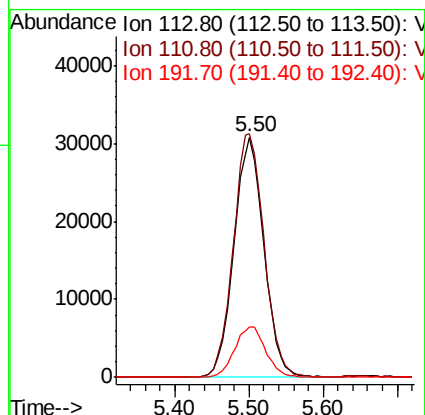
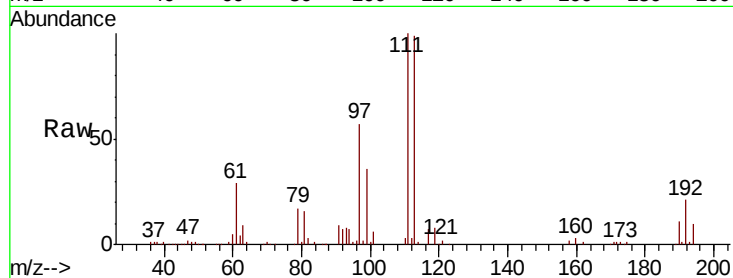




#35
 Dibromofluoromethane
 Concen: 46.280 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

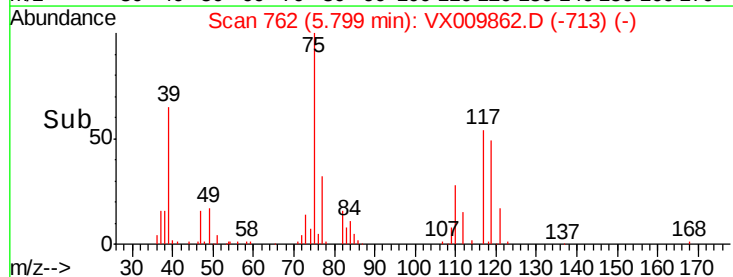
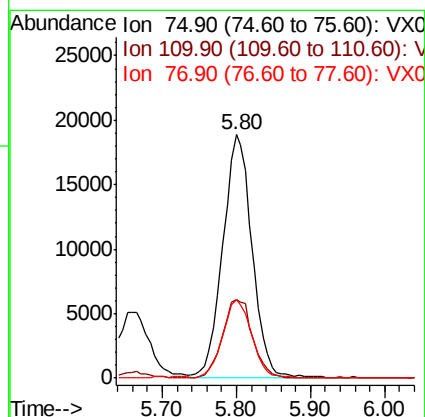
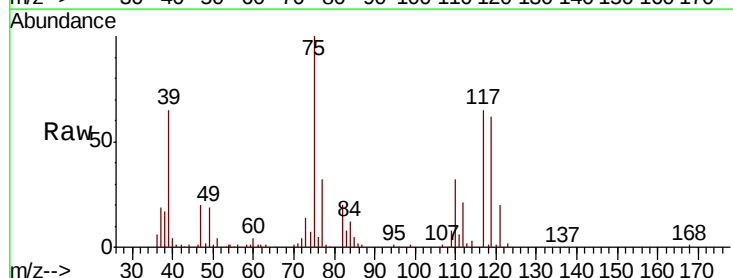
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

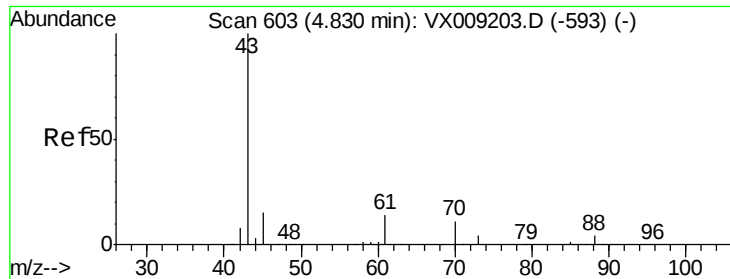
Tot Ion:113 Resp: 86938
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.655 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Tgt Ion: 75 Resp: 51805
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.9 50.6
 77 32.1 24.8 37.2

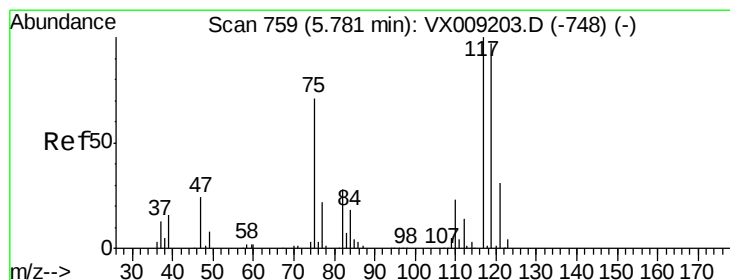
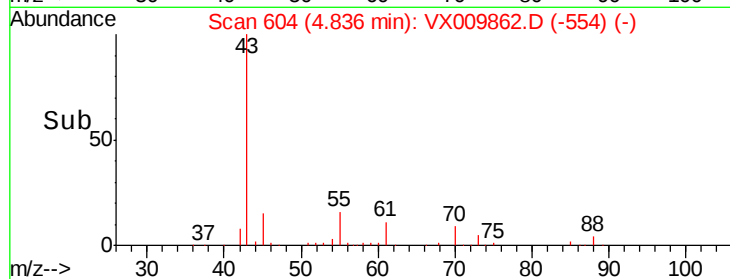
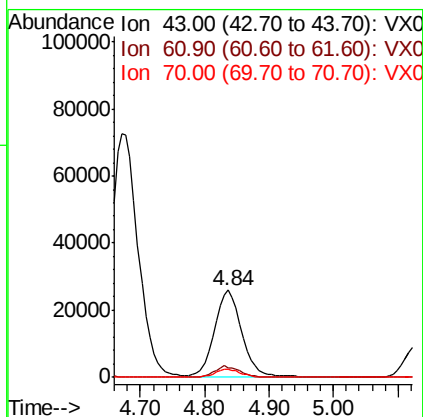
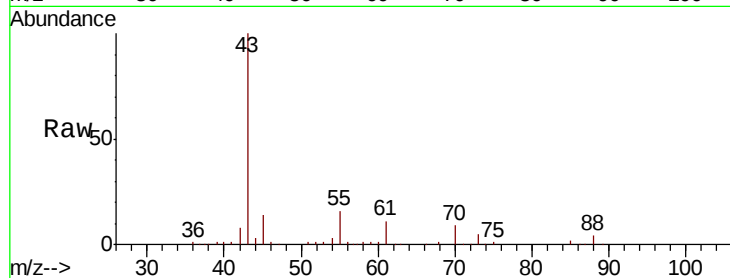




#37
Ethyl Acetate
Concen: 19.865 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

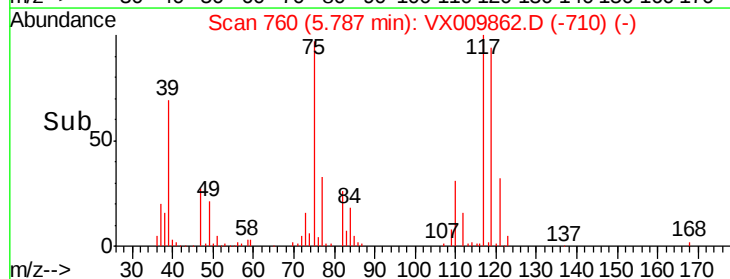
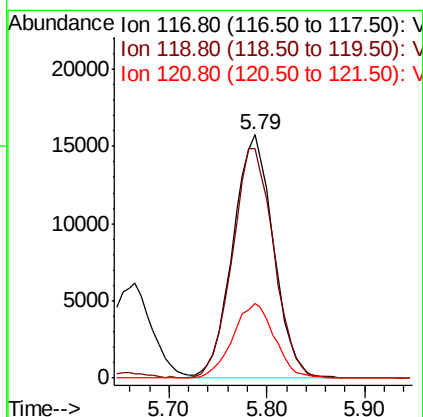
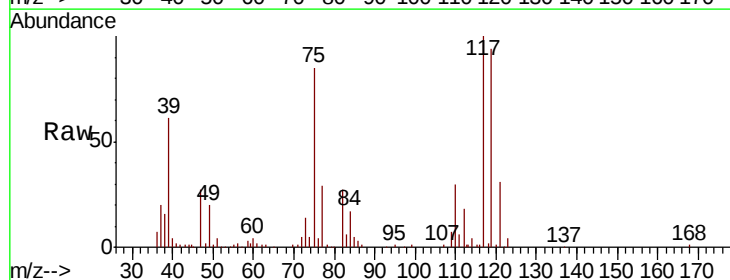
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

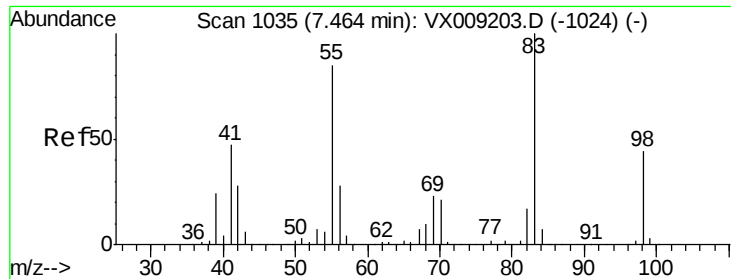
Tot Ion: 43 Resp: 76864
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 17.976 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 117 Resp: 45355
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3
121 30.9 24.7 37.1

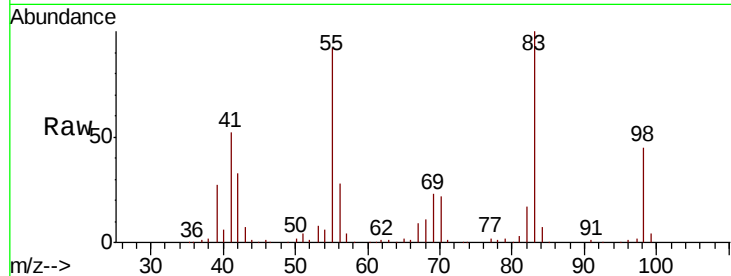




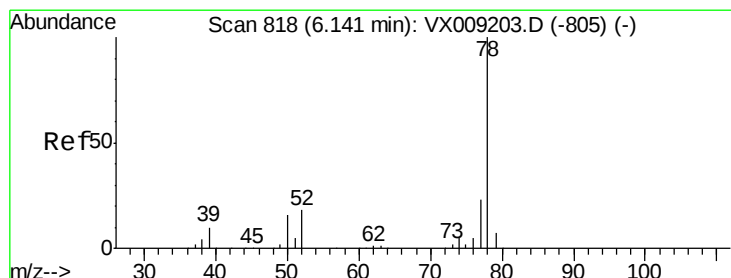
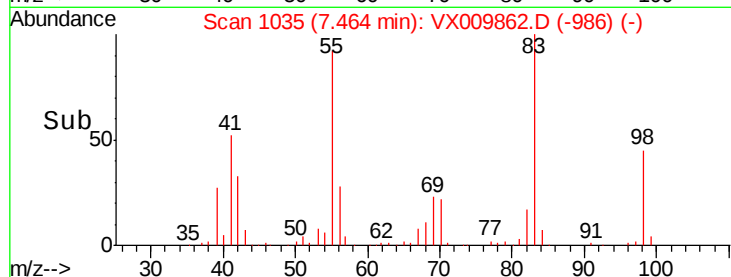
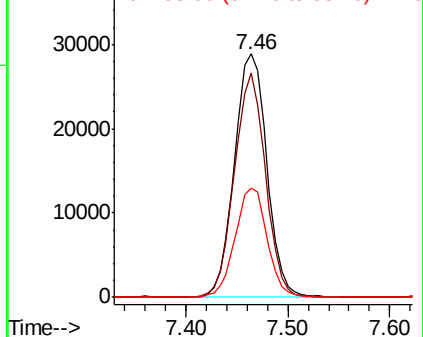
#39
Methvlcvclohexane
Concen: 18.719 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tot Ion: 83 Resp: 63839
Ion Ratio Lower Upper
83 100
55 91.9 67.7 101.5
98 45.1 35.5 53.3

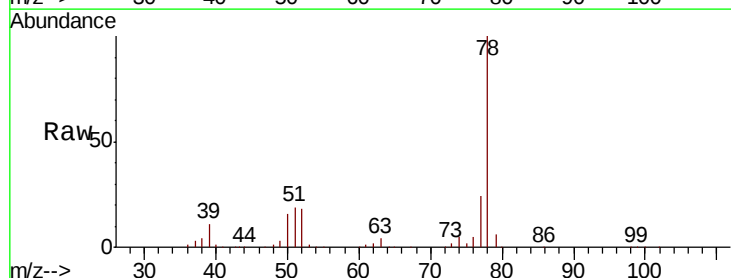


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

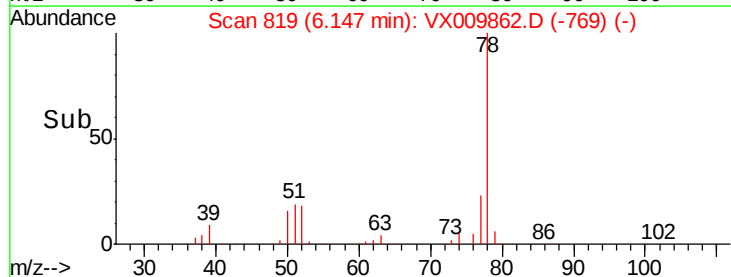
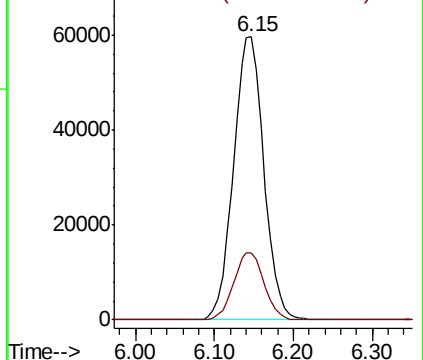


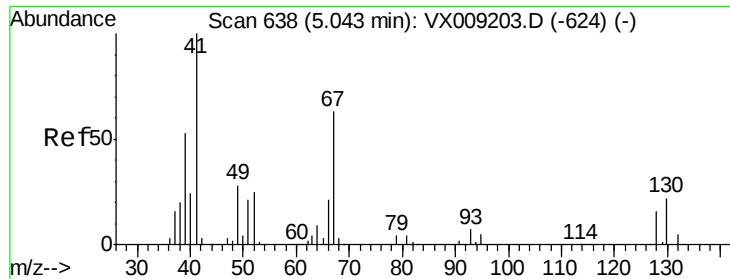
#40
Benzene
Concen: 18.568 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 78 Resp: 159582
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

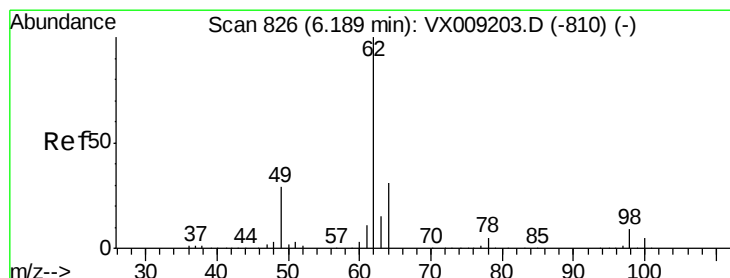
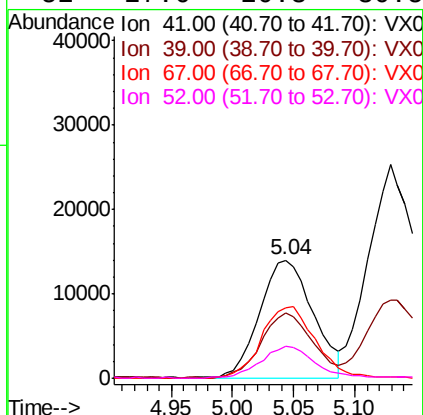
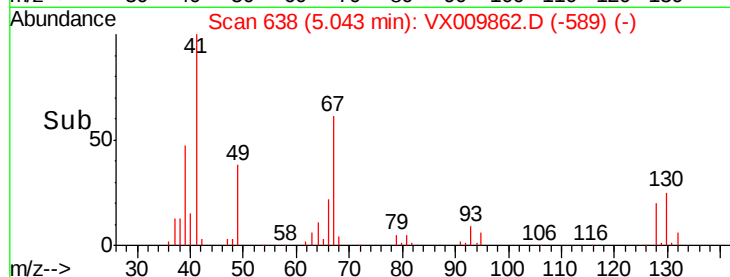
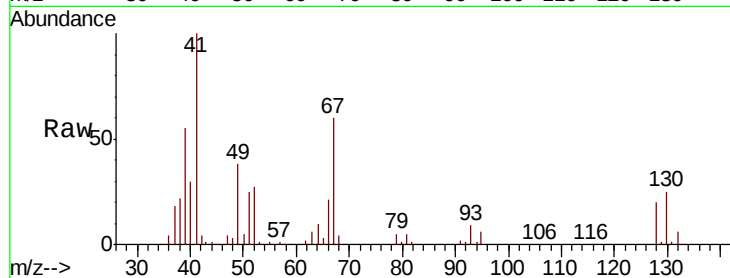




#41
Methacrylonitrile
Concen: 18.408 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

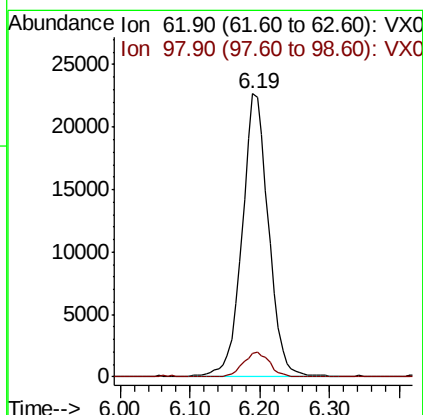
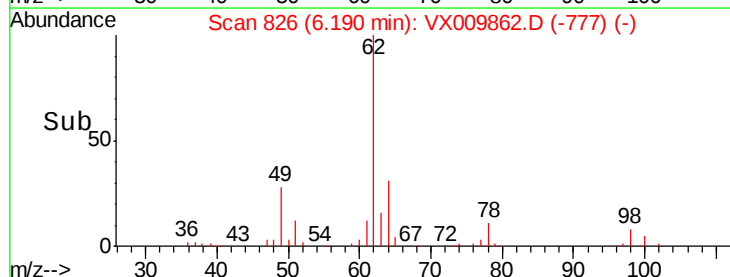
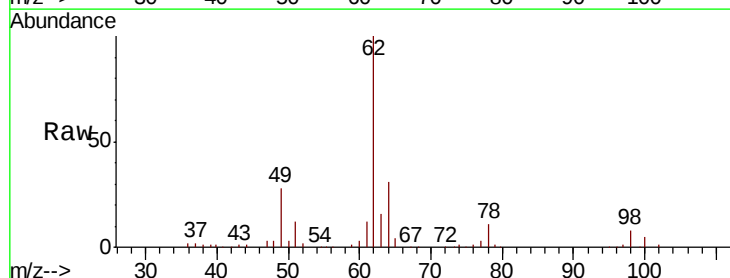
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

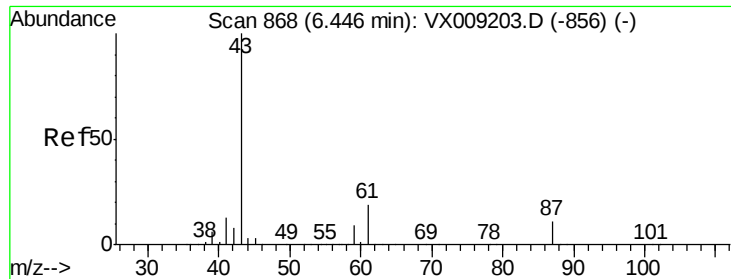
Tot Ion:	41	Resp:	42397
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.0	63.0
67	62.1	49.8	74.8
52	27.6	20.3	30.5



#42
1,2-Dichloroethane
Concen: 19.319 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion:	62	Resp:	59560
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



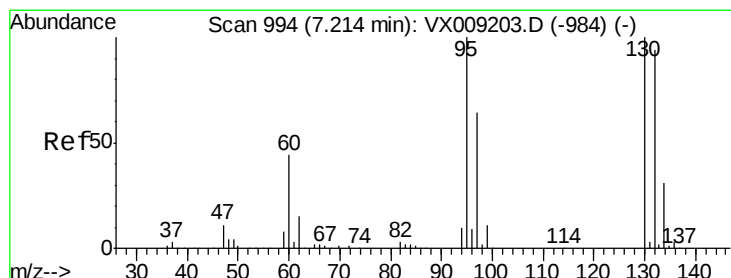
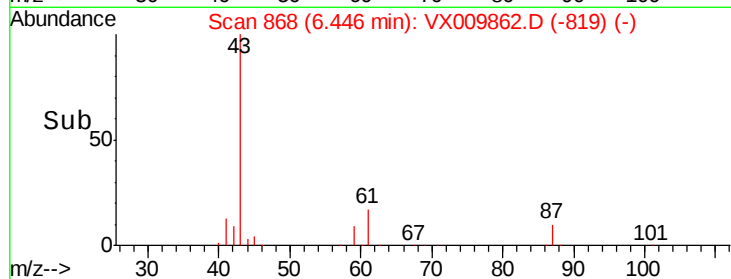
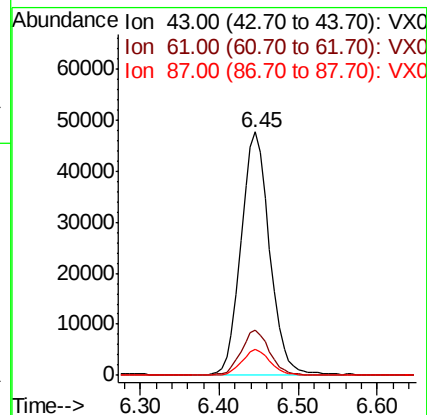
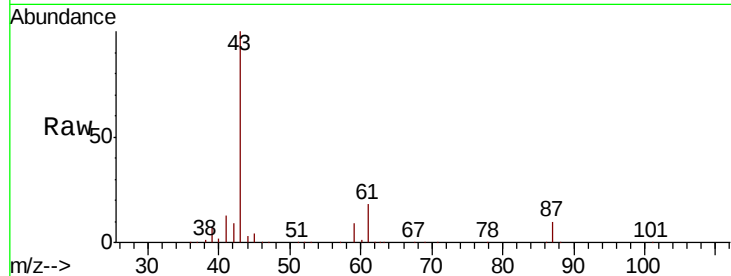


#43

Isopropyl Acetate
 Concen: 19.291 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

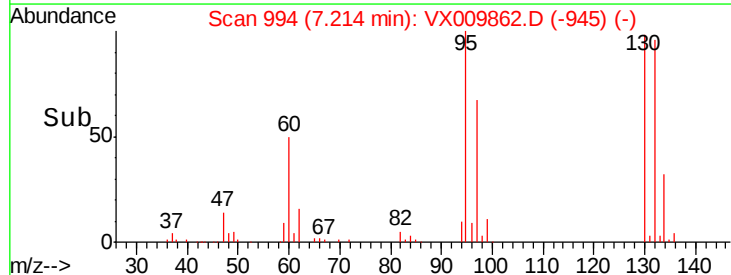
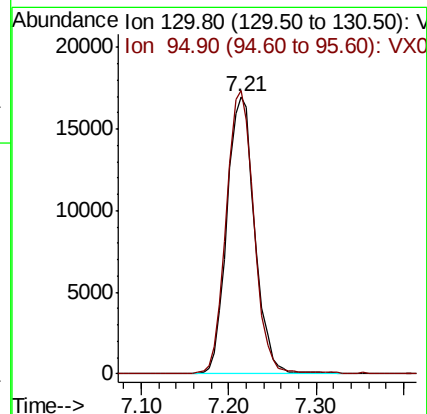
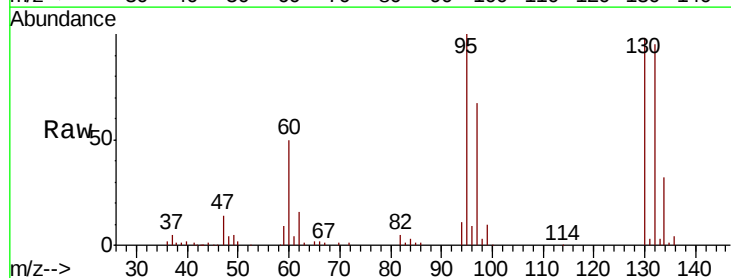
Tot Ion: 43 Resp: 119395
 Ion Ratio Lower Upper
 43 100
 61 18.4 15.1 22.7
 87 10.7 9.0 13.6

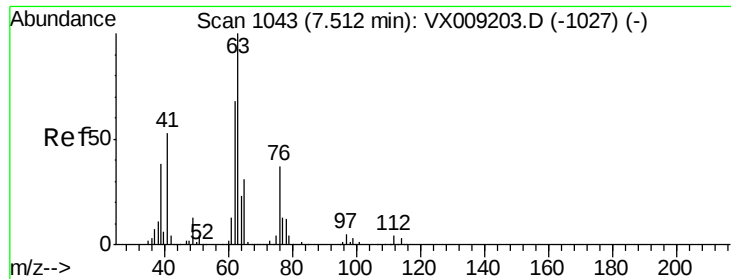


#44

Trichloroethene
 Concen: 18.027 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Tgt Ion:130 Resp: 37454
 Ion Ratio Lower Upper
 130 100
 95 102.0 0.0 199.2





#45

1,2-Dichloropropane

Concen: 18.896 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

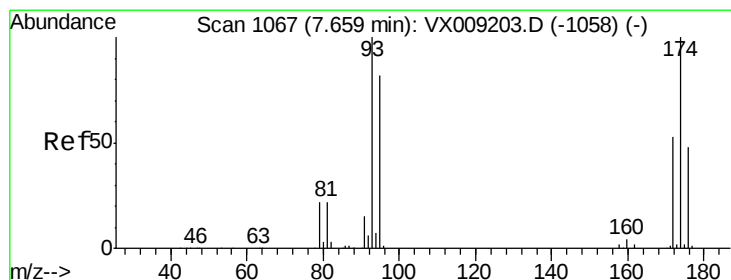
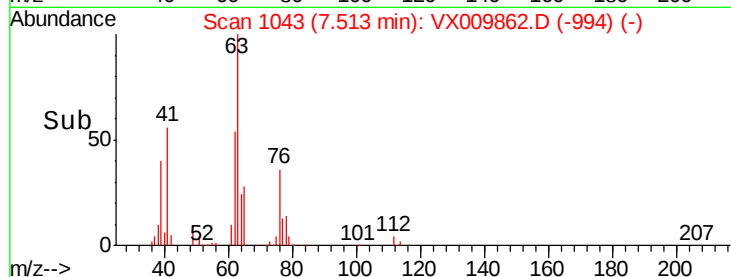
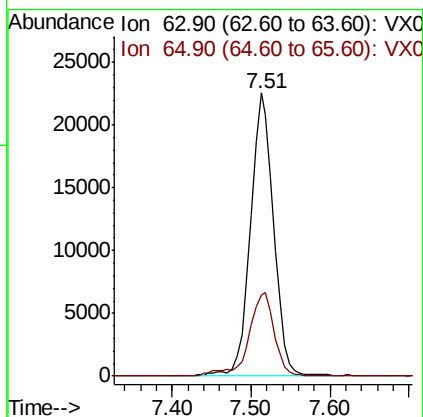
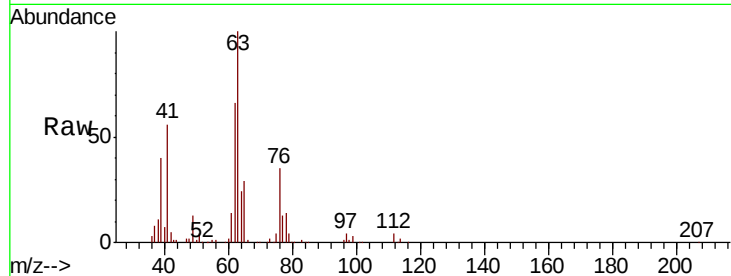
VX0523WBSD01

Tot Ion: 63 Resp: 45986

Ion Ratio Lower Upper

63 100

65 28.8 25.0 37.6



#46

Dibromomethane

Concen: 18.324 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

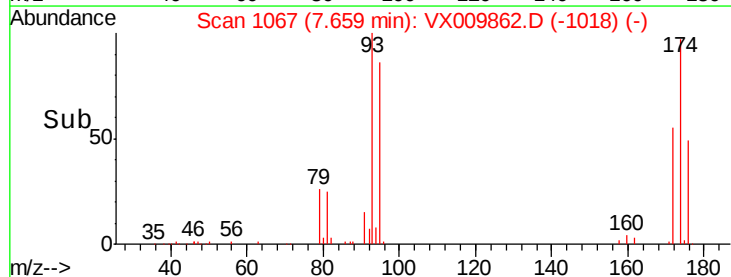
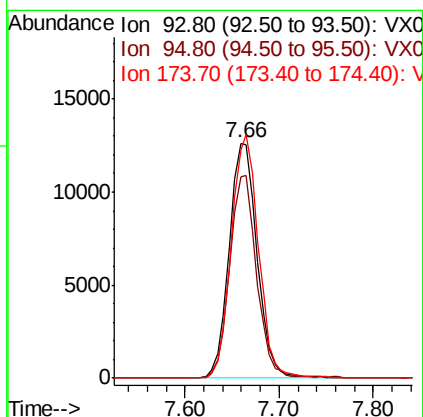
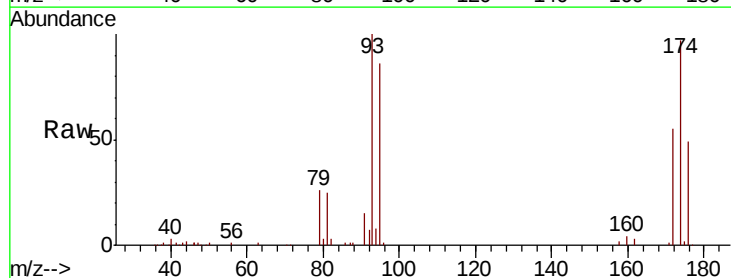
Tgt Ion: 93 Resp: 25895

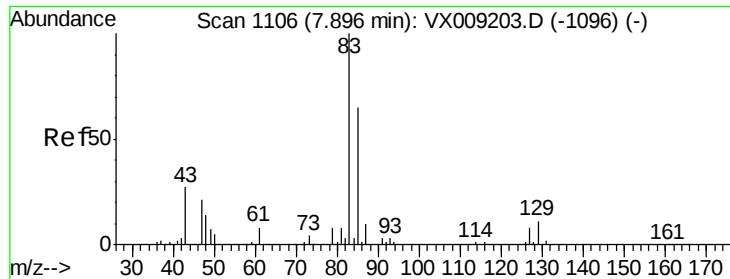
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 100.8 82.1 123.1





#47

Bromodichloromethane

Concen: 18.244 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

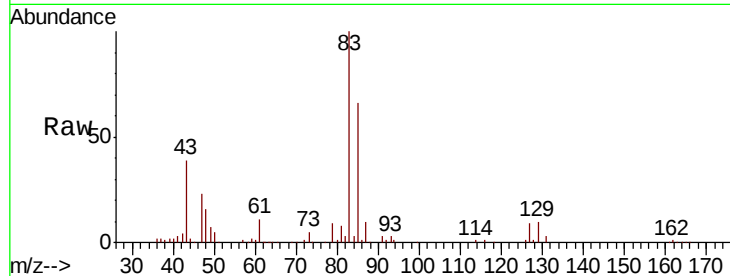
Tot Ion: 83 Resp: 51430

Ion Ratio Lower Upper

83 100

85 65.7 52.4 78.6

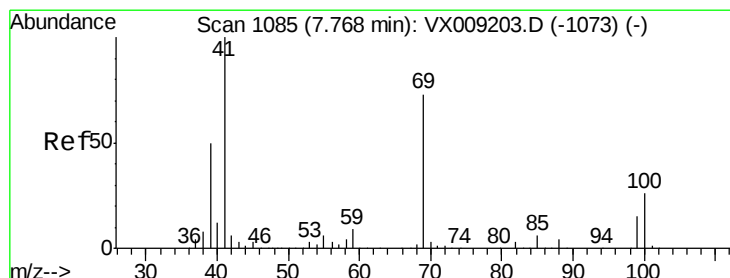
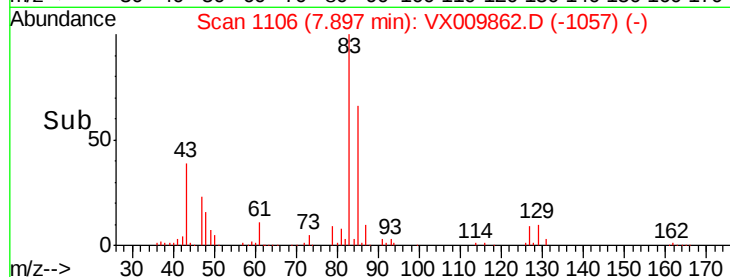
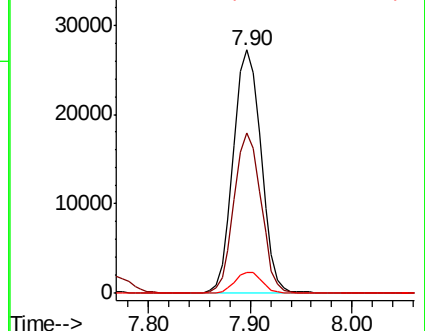
127 8.8 6.6 10.0



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: 19.586 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

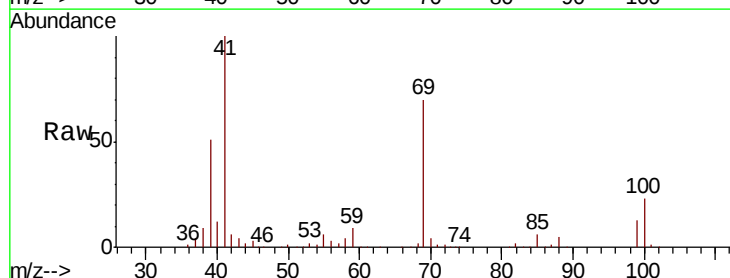
Tgt Ion: 41 Resp: 60140

Ion Ratio Lower Upper

41 100

69 70.0 59.1 88.7

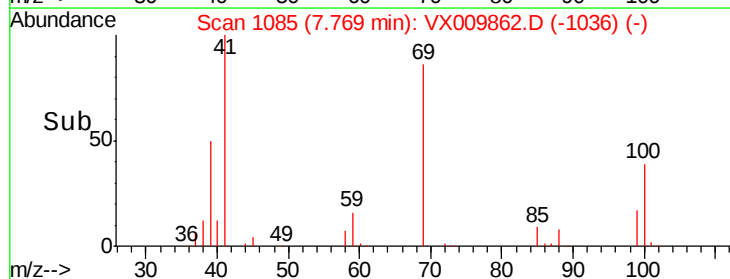
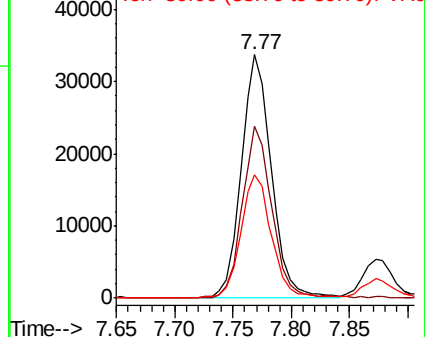
39 51.2 40.4 60.6

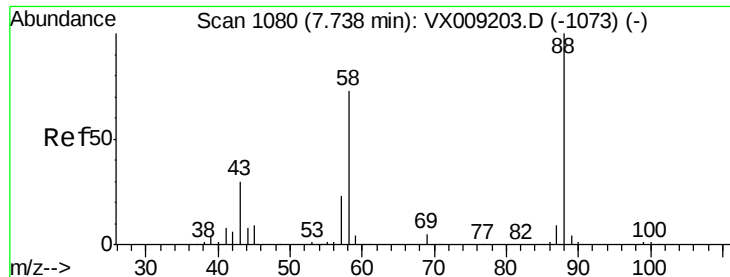


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 358.439 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

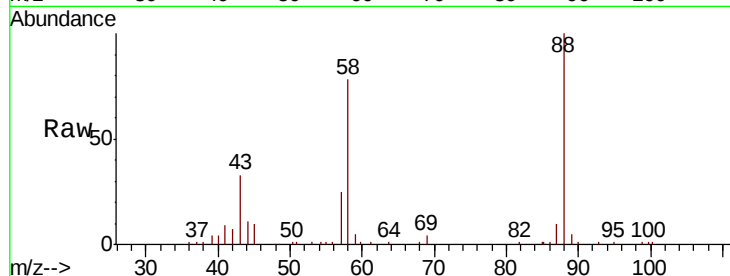
Tot Ion: 88 Resp: 22320

Ion Ratio Lower Upper

88 100

43 39.3 28.6 42.8

58 80.2 61.7 92.5

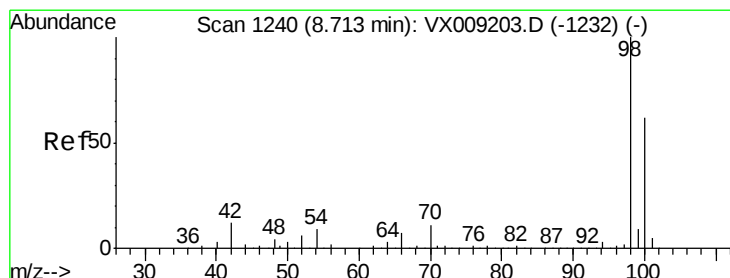
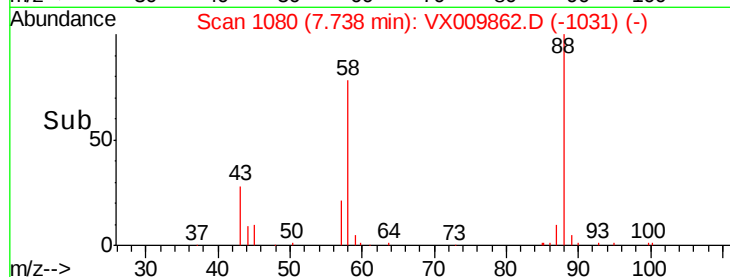
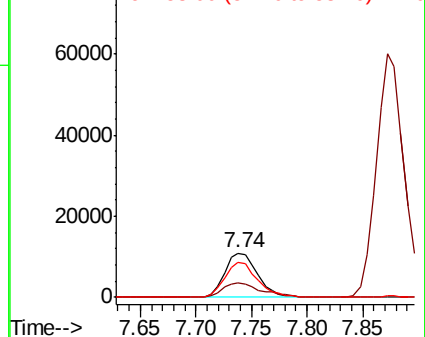


Abundance

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: 47.765 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009862.D

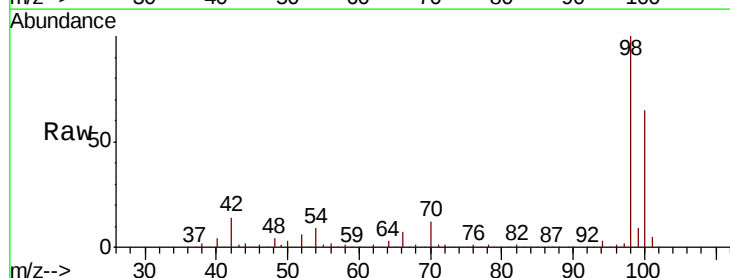
Acq: 23 May 2019 16:41

Tgt Ion: 98 Resp: 362254

Ion Ratio Lower Upper

98 100

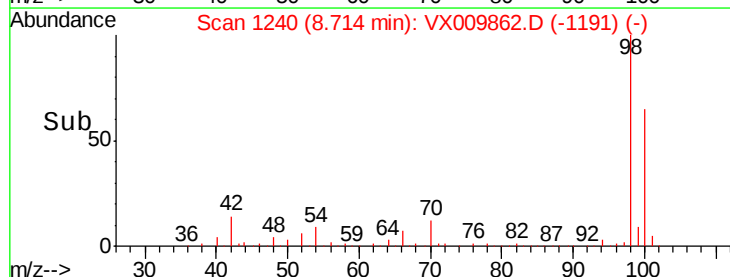
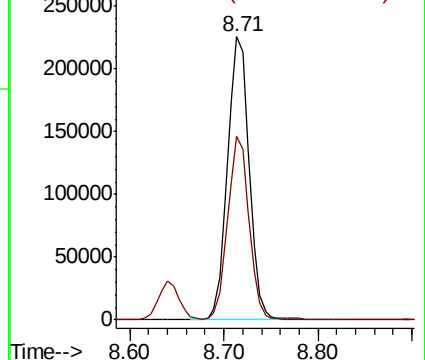
100 63.4 51.2 76.8

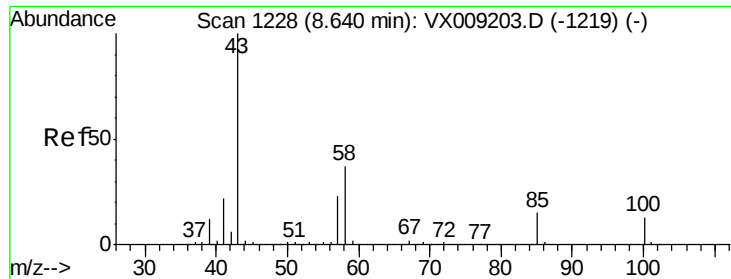


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 98.487 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

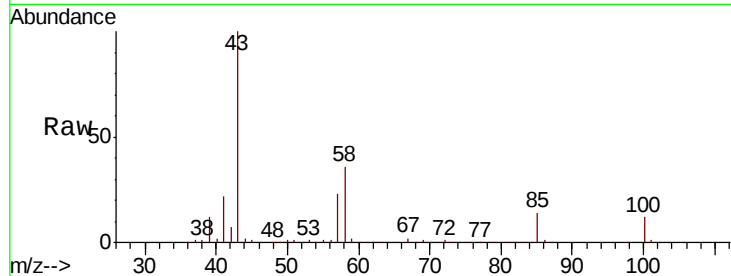
VX0523WBSD01

Tot Ion: 43 Resp: 398407

Ion Ratio Lower Upper

43 100

58 35.6 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

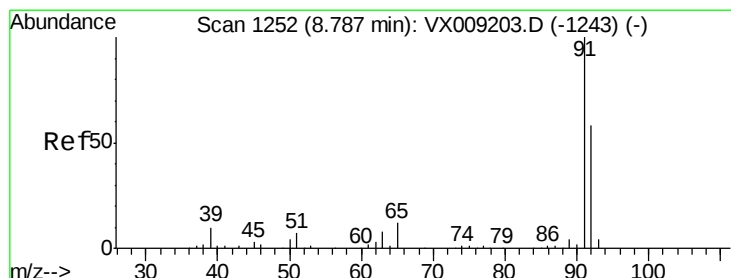
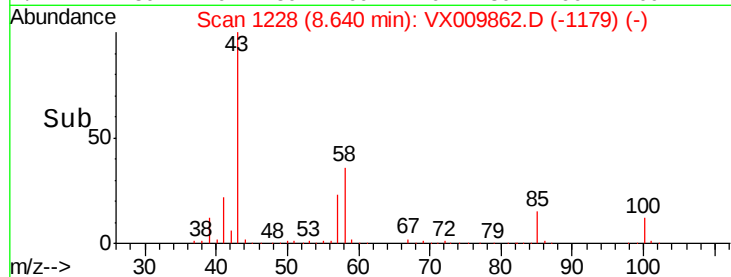
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 18.373 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009862.D

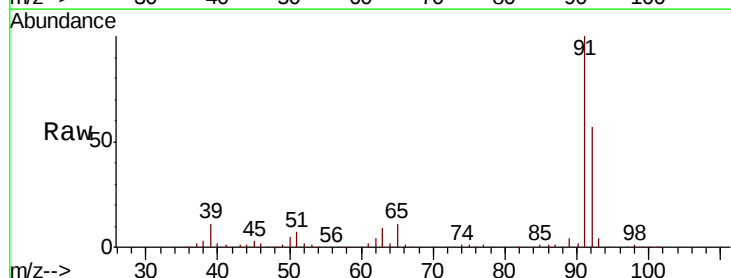
Acq: 23 May 2019 16:41

Tgt Ion: 92 Resp: 95985

Ion Ratio Lower Upper

92 100

91 176.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

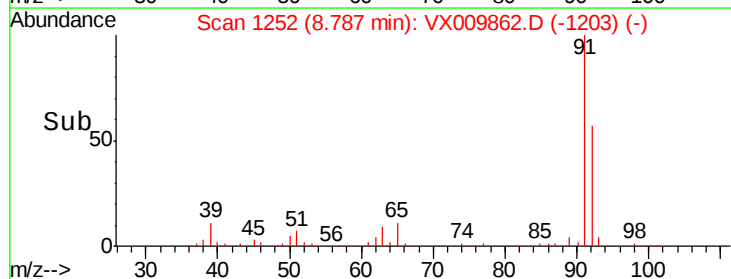
60000

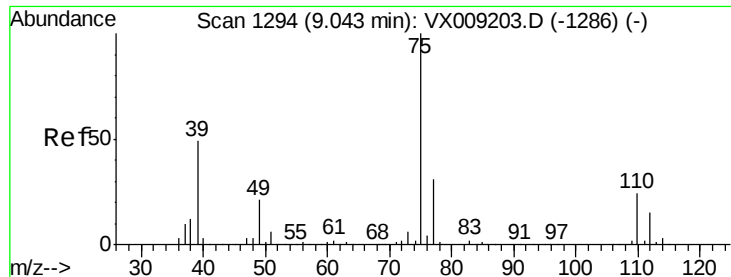
40000

20000

0

Time--> 8.70 8.80 8.90

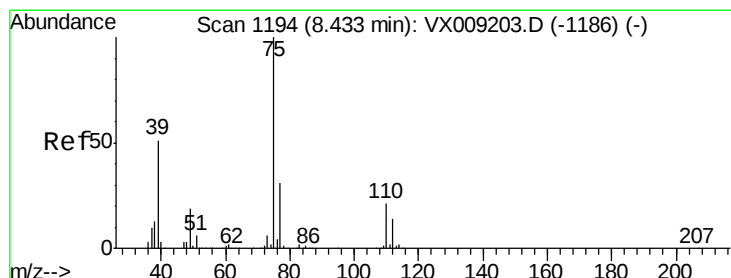
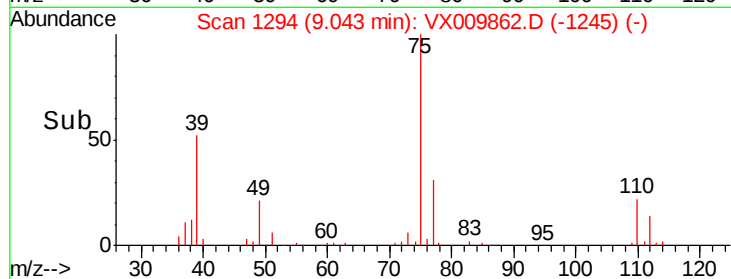
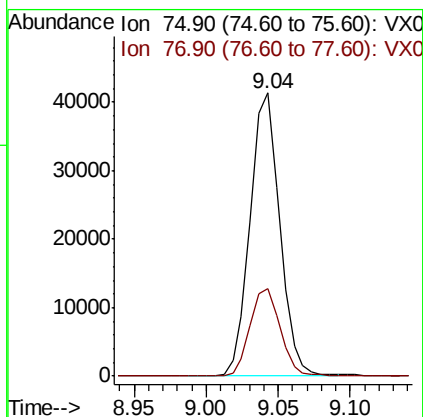
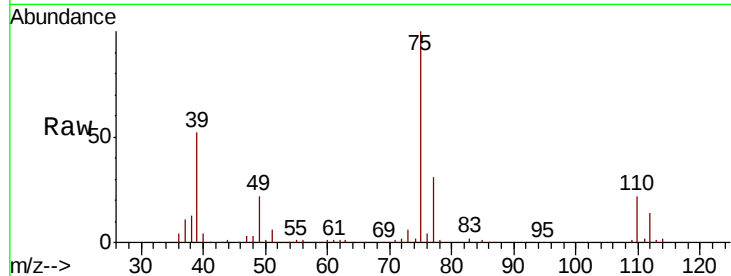




#53
t-1,3-Dichloropropene
Concen: 18.497 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

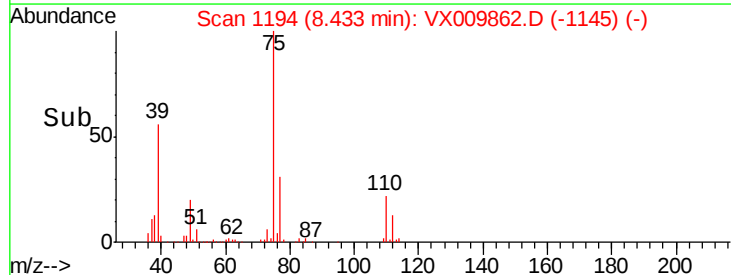
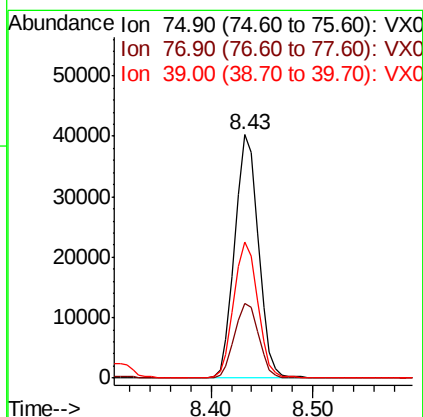
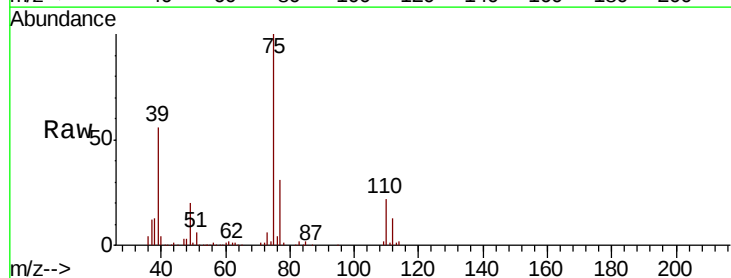
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

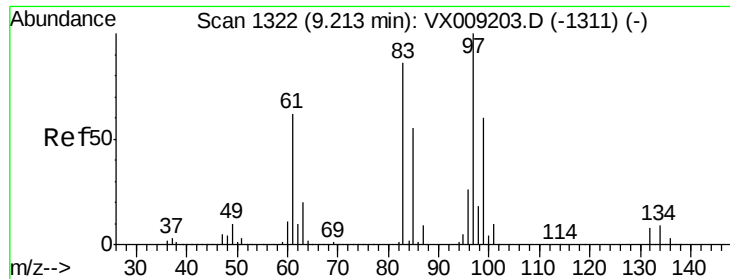
Tot Ion: 75 Resp: 58870
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 18.285 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 75 Resp: 64412
Ion Ratio Lower Upper
75 100
77 30.6 24.6 36.8
39 56.0 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 18.175 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

Tot Ion: 97 Resp: 38737

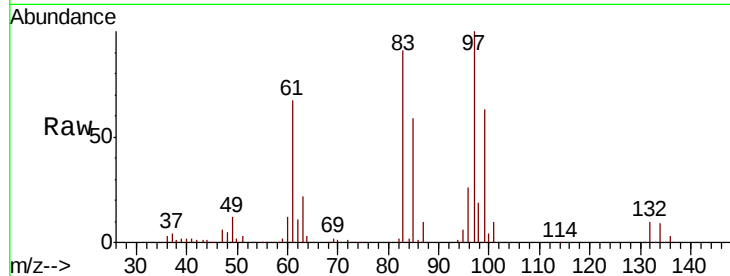
Ion Ratio Lower Upper

97 100

83 91.4 68.9 103.3

85 58.7 43.8 65.6

99 62.6 48.2 72.2

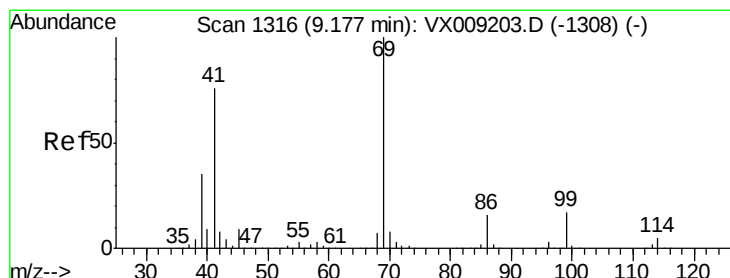
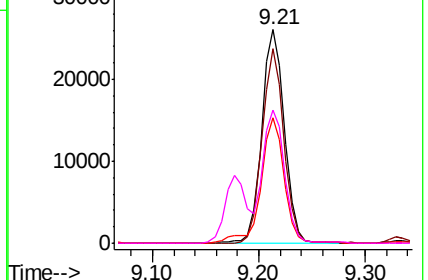
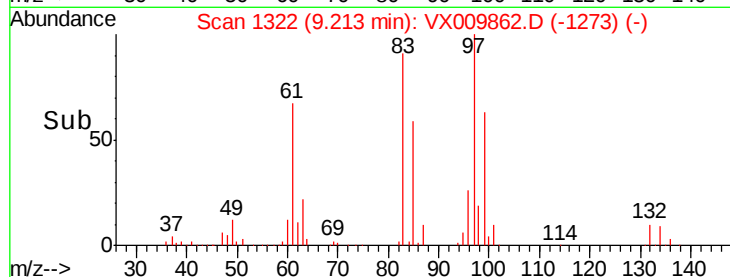


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.703 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

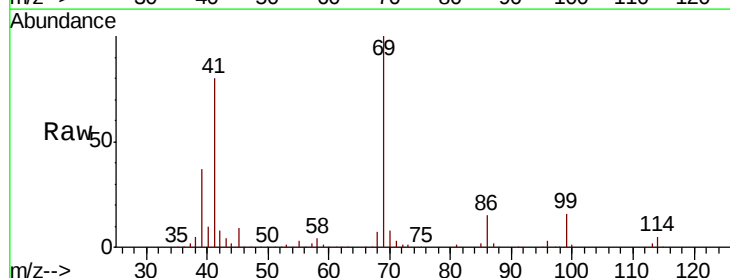
Tgt Ion: 69 Resp: 71158

Ion Ratio Lower Upper

69 100

41 78.7 60.6 90.8

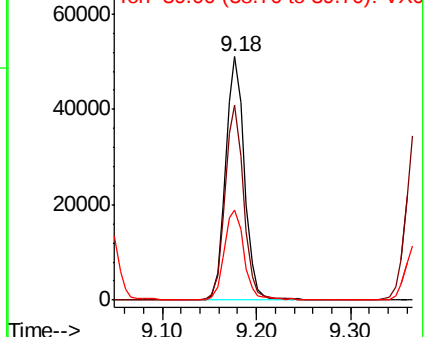
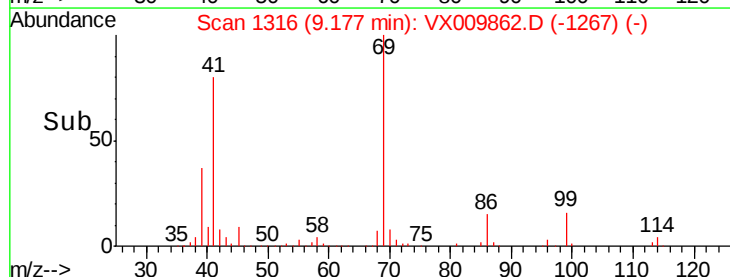
39 38.1 28.2 42.4

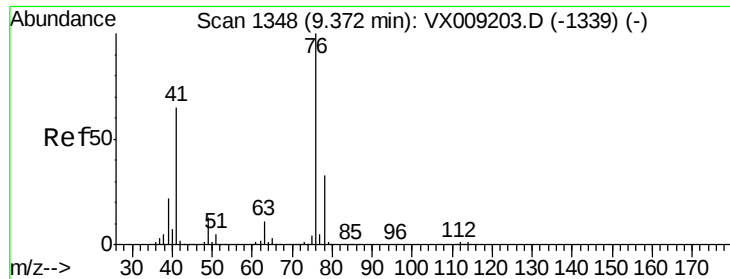


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.475 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

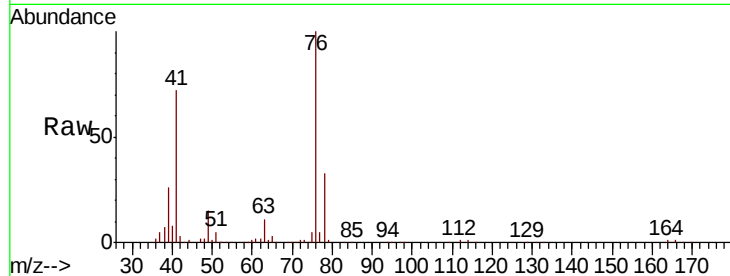
VX0523WBSD01

Tot Ion: 76 Resp: 69294

Ion Ratio Lower Upper

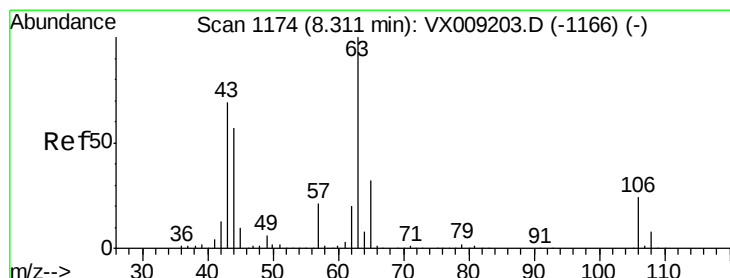
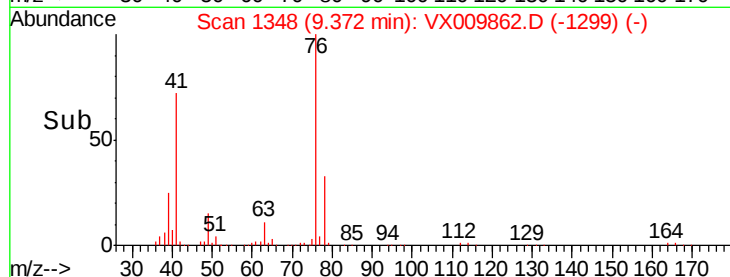
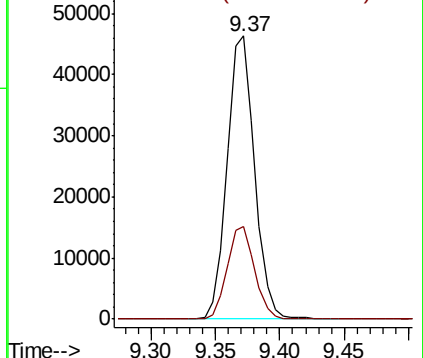
76 100

78 32.7 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: 94.332 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009862.D

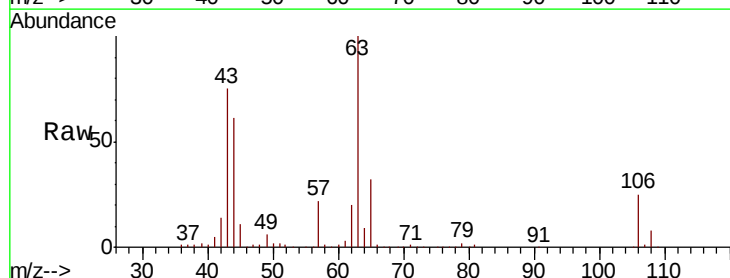
Acq: 23 May 2019 16:41

Tgt Ion: 63 Resp: 190394

Ion Ratio Lower Upper

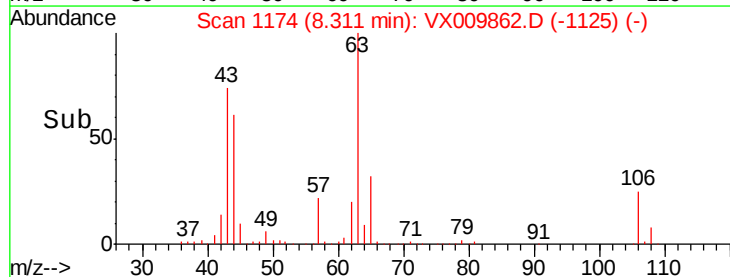
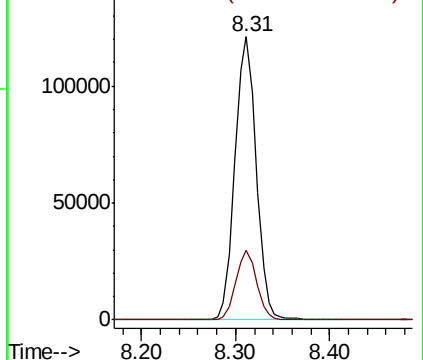
63 100

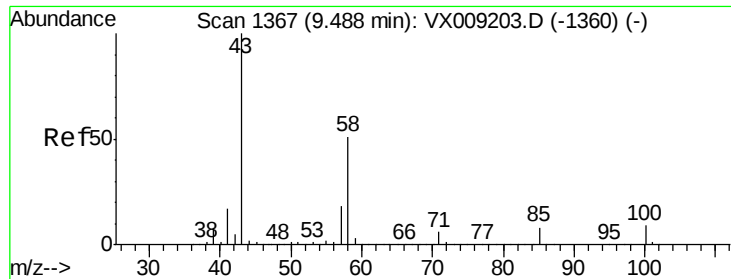
106 24.2 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

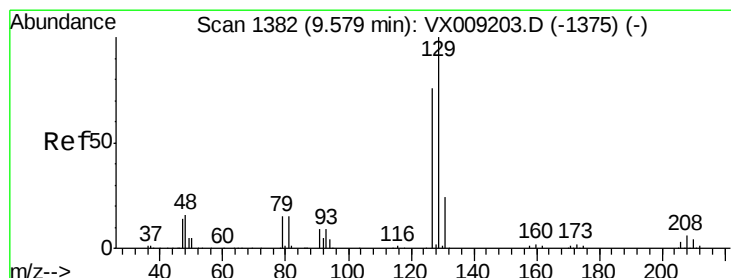
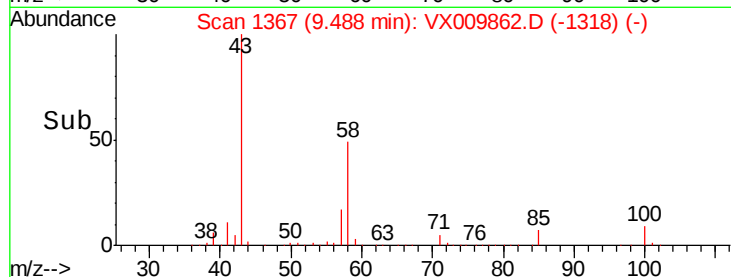
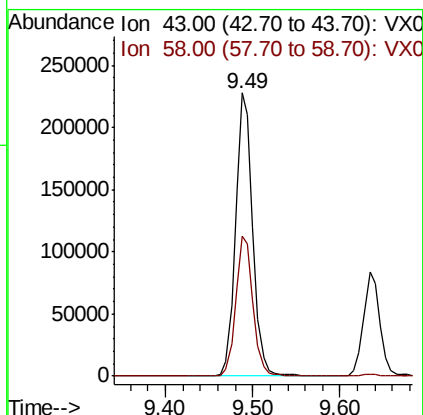
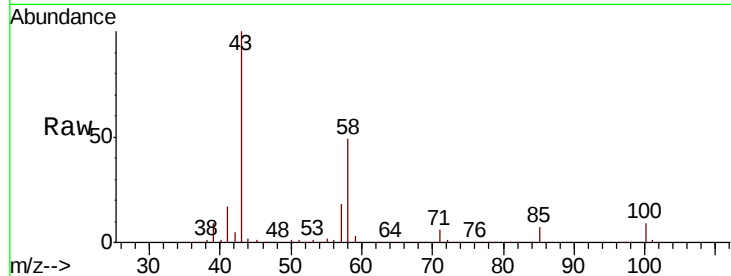




#59
2-Hexanone
Concen: 98.375 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

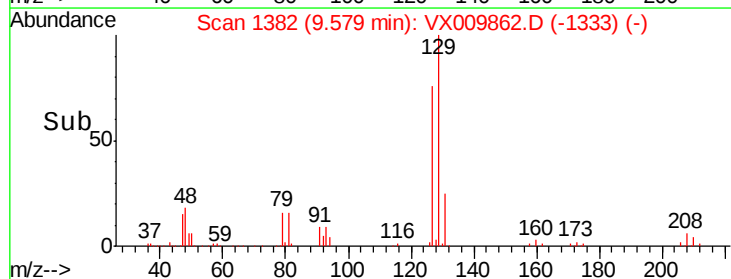
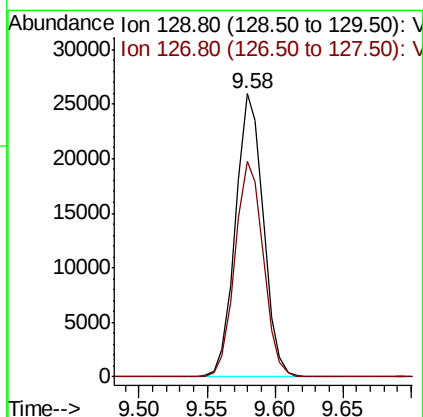
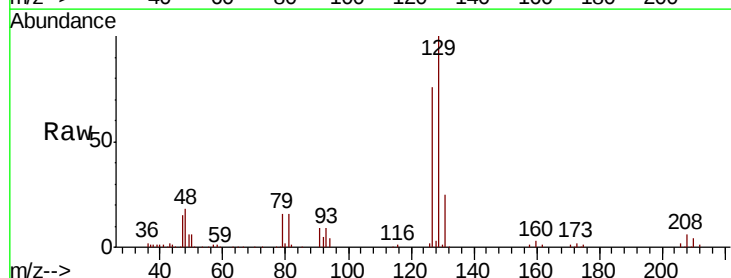
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

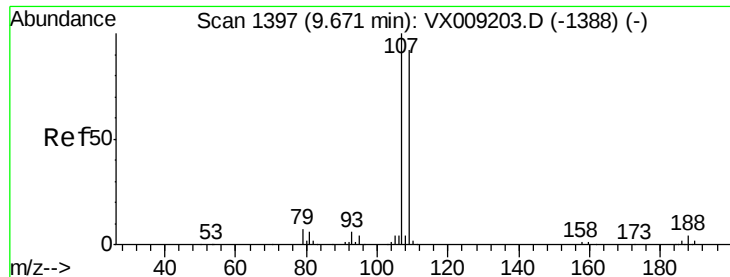
Tot Ion: 43 Resp: 312550
Ion Ratio Lower Upper
43 100
58 49.6 25.9 77.7



#60
Dibromochloromethane
Concen: 17.771 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion:129 Resp: 36994
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.435 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

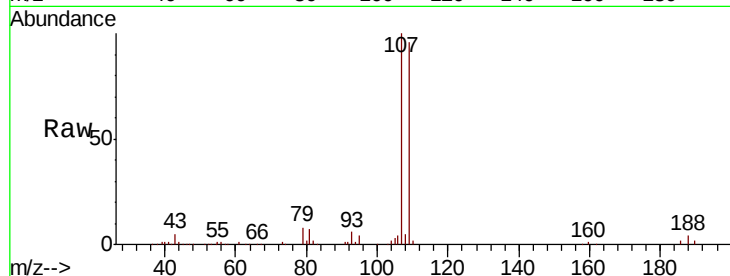
VX0523WBSD01

Tot Ion:107 Resp: 39662

Ion Ratio Lower Upper

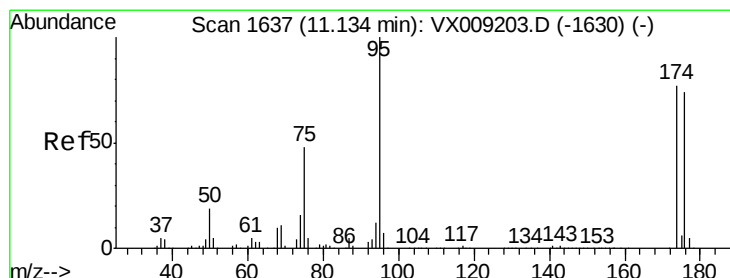
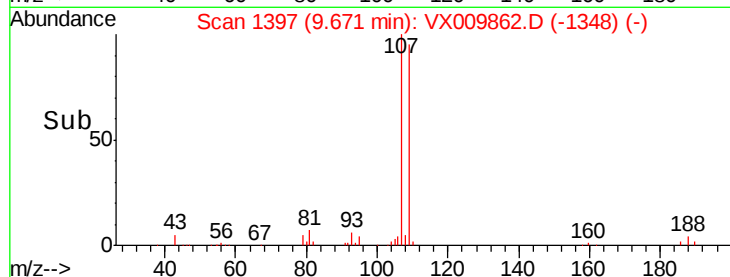
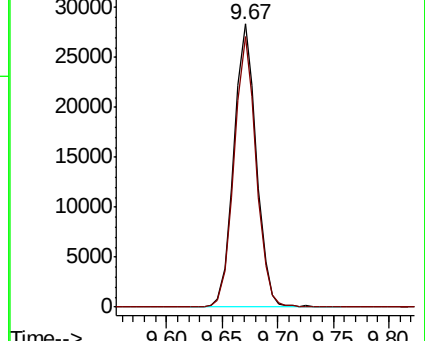
107 100

109 93.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.213 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

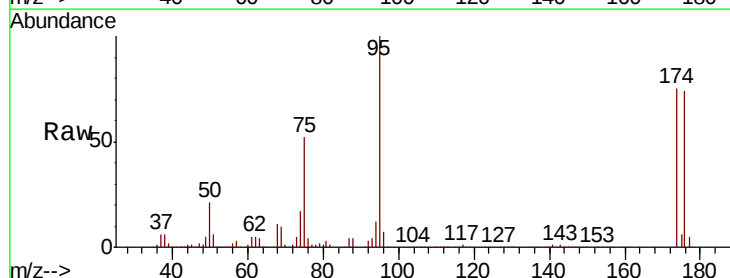
Tgt Ion: 95 Resp: 130109

Ion Ratio Lower Upper

95 100

174 79.9 0.0 161.6

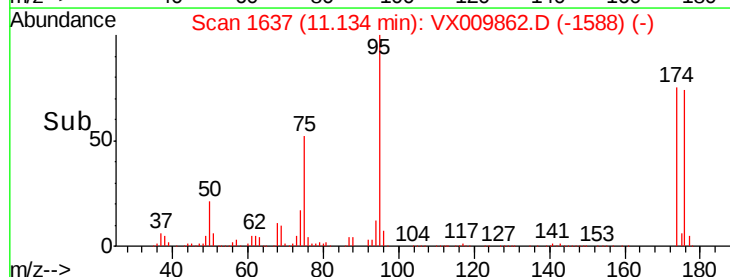
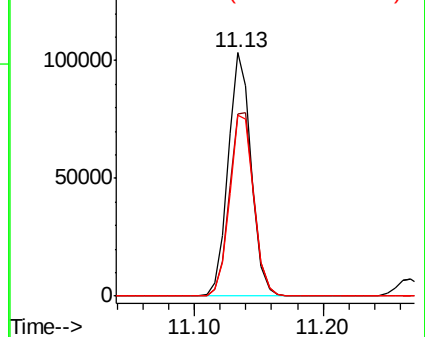
176 77.8 0.0 159.2

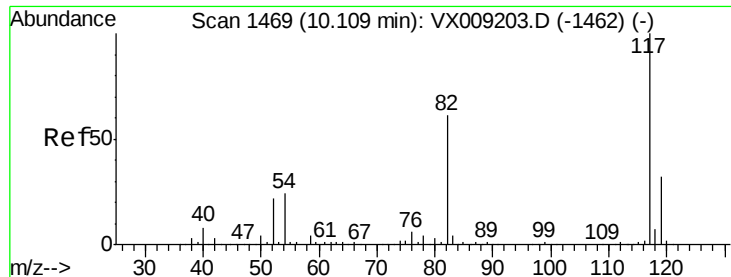


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

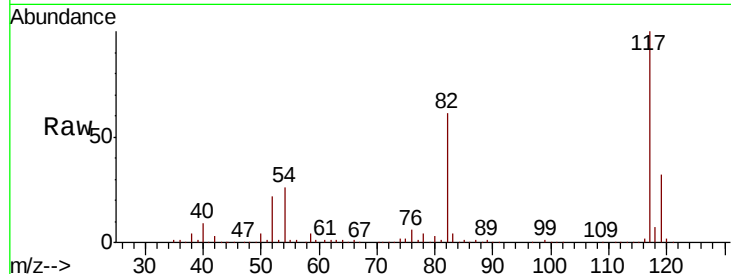




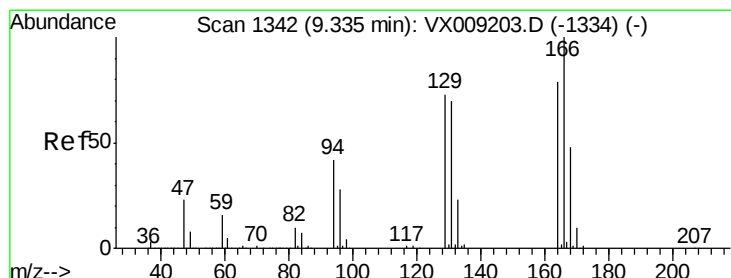
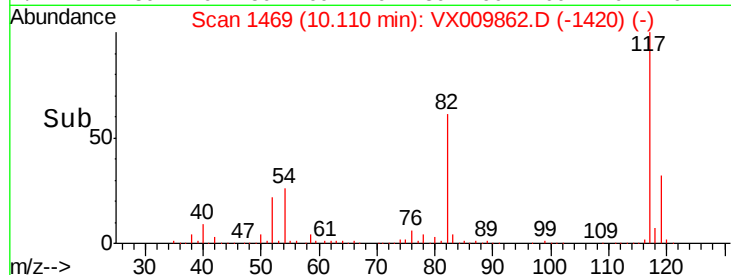
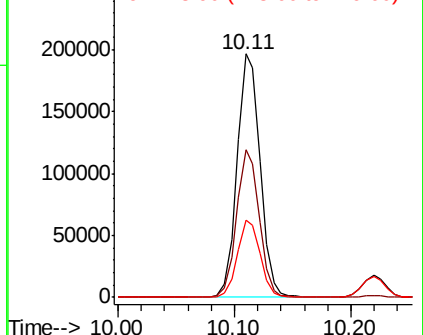
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tot Ion:117 Resp: 271625
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 31.7 25.8 38.6

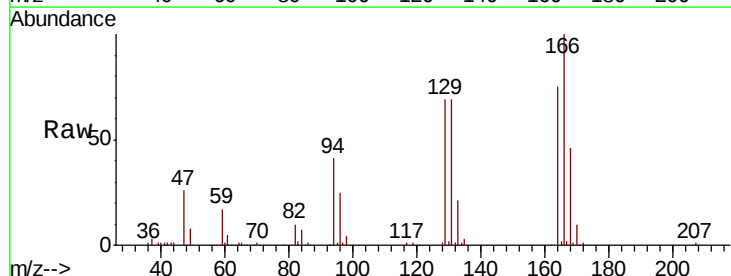


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

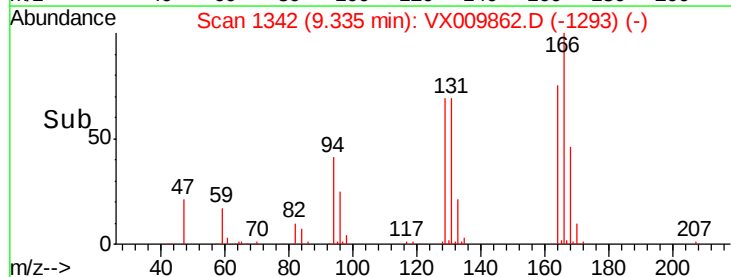
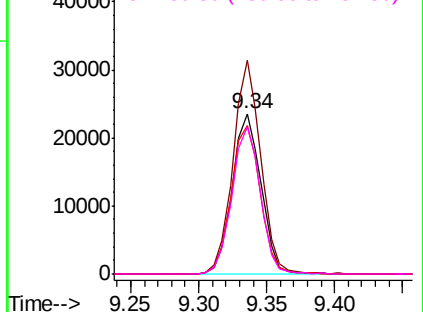


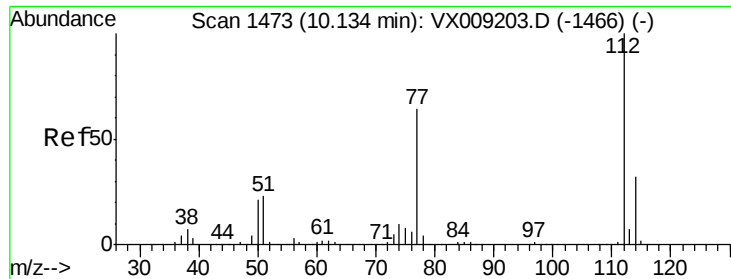
#64
Tetrachloroethene
Concen: 18.628 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion:164 Resp: 34709
Ion Ratio Lower Upper
164 100
166 133.2 101.2 151.8
129 92.5 74.3 111.5
131 91.7 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

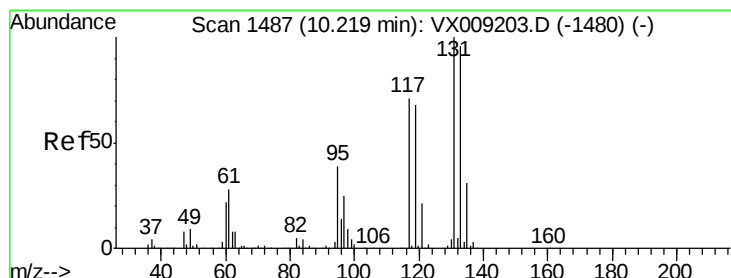
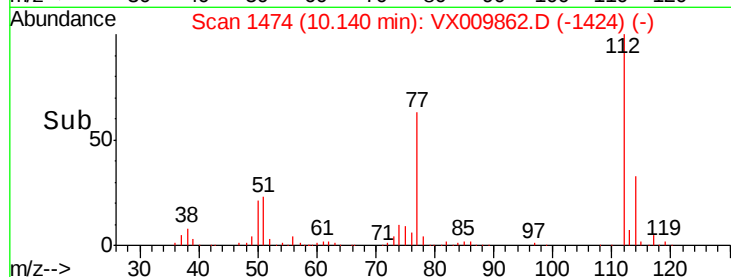
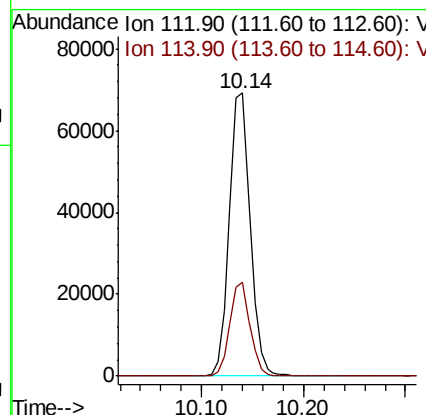
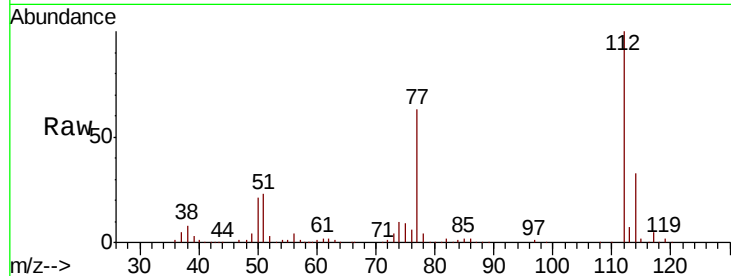




#65
Chlorobenzene
Concen: 18.119 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

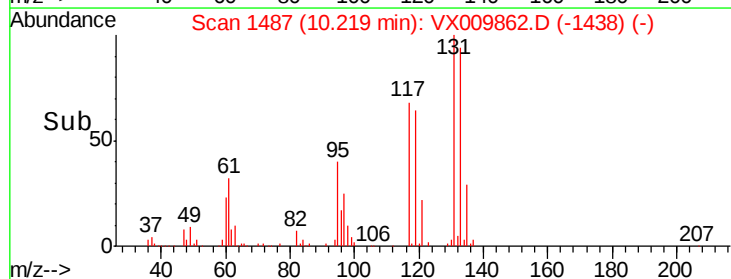
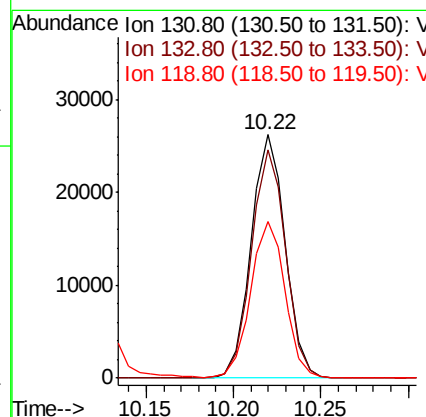
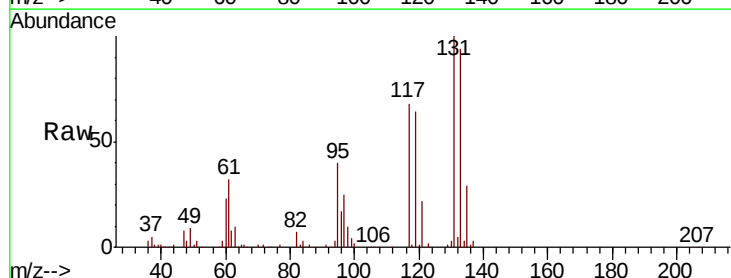
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

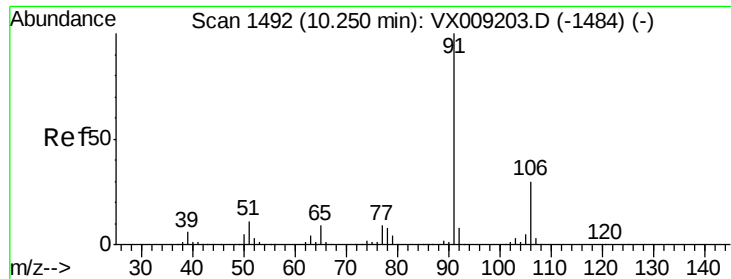
Tot Ion:112 Resp: 98453
Ion Ratio Lower Upper
112 100
114 33.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.070 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion:131 Resp: 35597
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 65.1 33.5 100.4

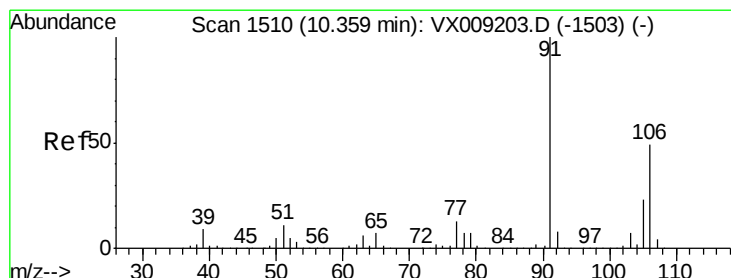
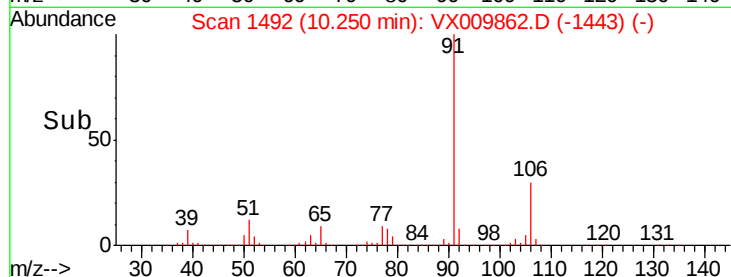
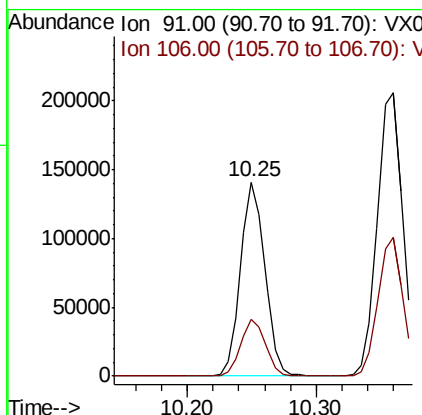
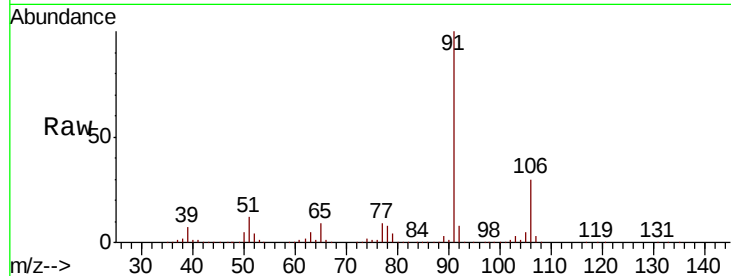




#67
Ethyl Benzene
Concen: 18.557 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

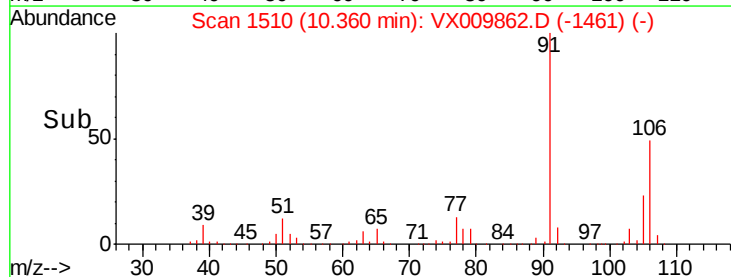
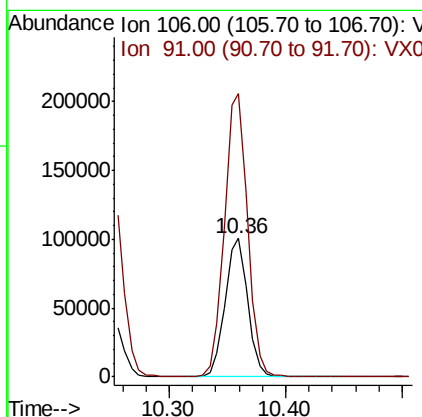
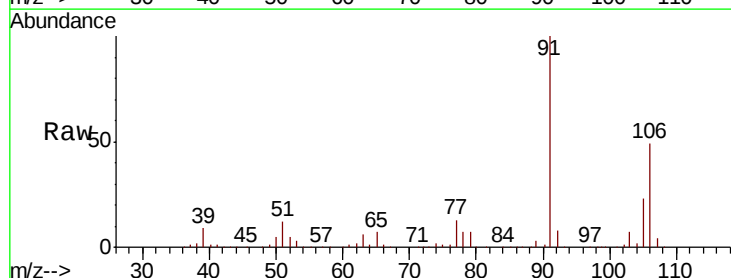
Instrument :
MSVOA_X
ClientSampled :
VX0523WBSD01

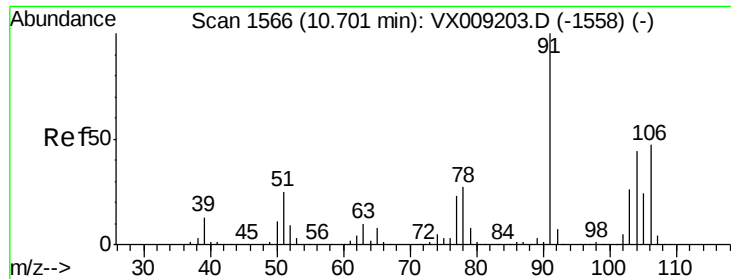
Tot Ion: 91 Resp: 185571
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0



#68
m/p-Xylenes
Concen: 36.993 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 106 Resp: 135186
Ion Ratio Lower Upper
106 100
91 209.1 164.0 246.0

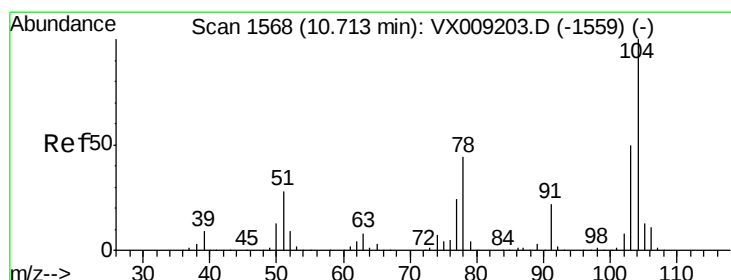
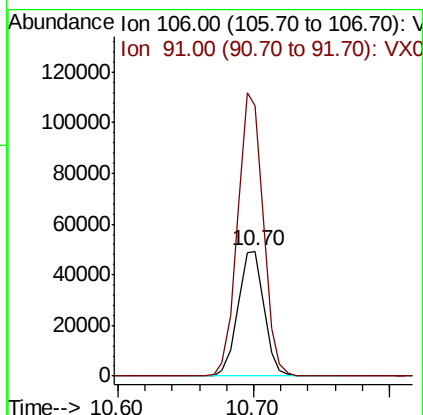
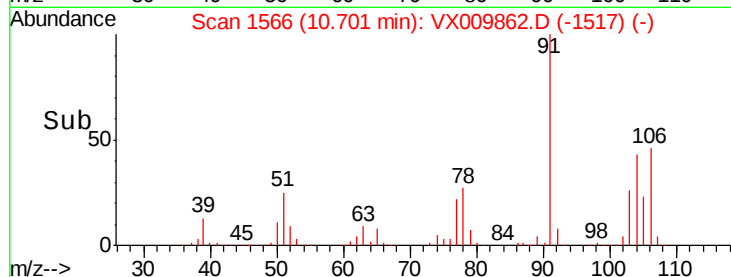
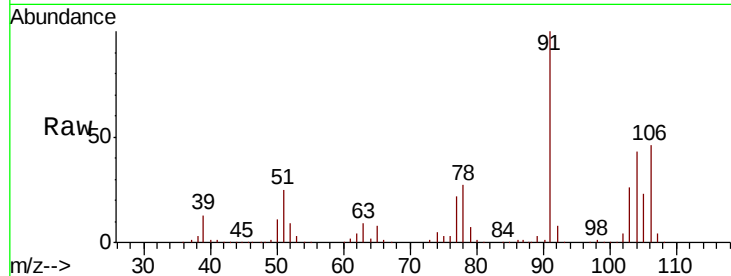




#69
o-Xylene
Concen: 18.195 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

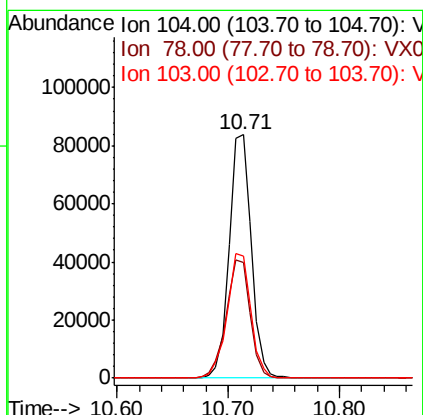
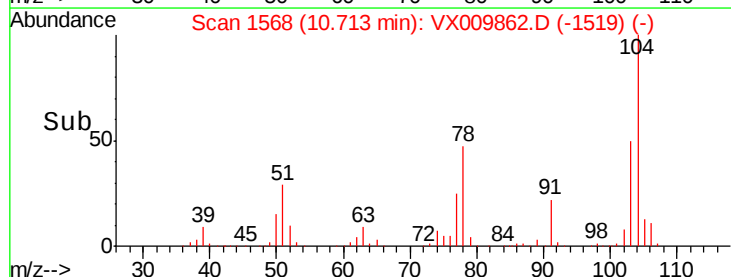
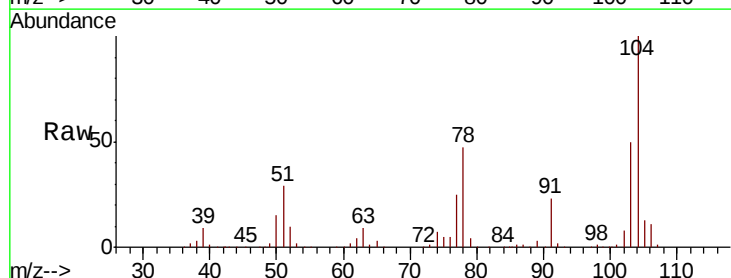
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

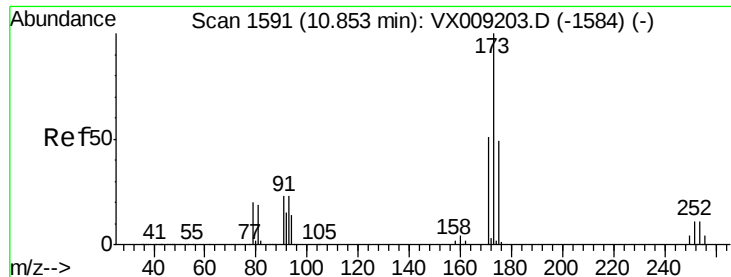
Tot Ion:106 Resp: 65604
Ion Ratio Lower Upper
106 100
91 222.6 109.5 328.4



#70
Styrene
Concen: 18.373 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion:104 Resp: 115141
Ion Ratio Lower Upper
104 100
78 53.2 41.0 61.4
103 54.8 43.8 65.6





#71

Bromoform

Concen: 17.397 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

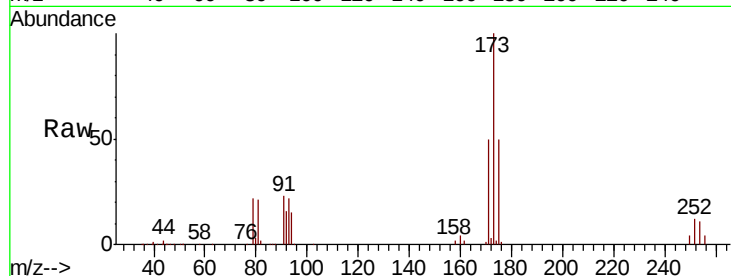
Tot Ion:173 Resp: 27851

Ion Ratio Lower Upper

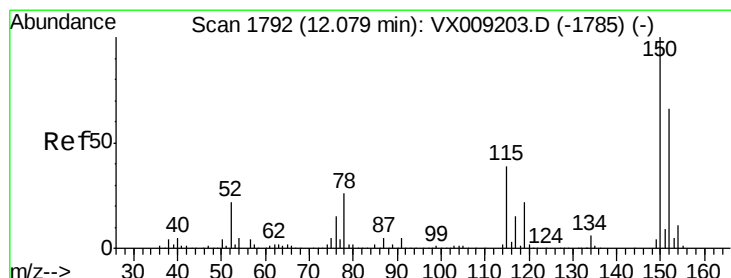
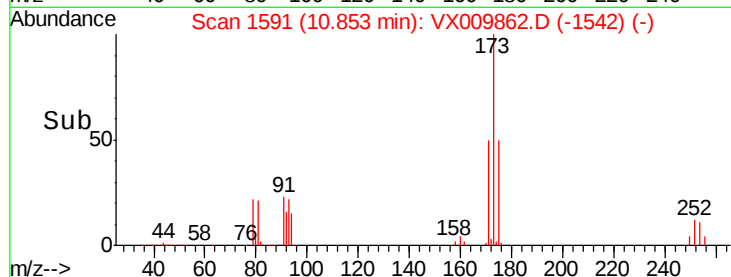
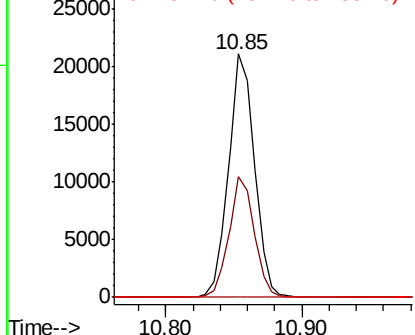
173 100

175 48.4 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

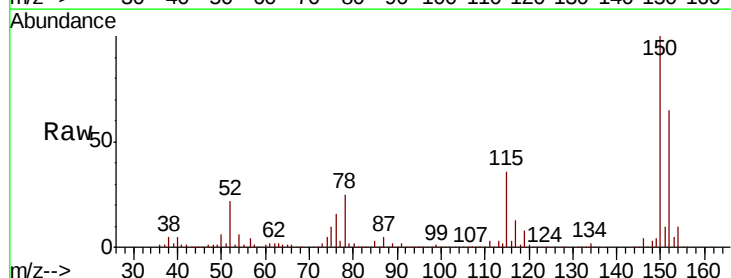
Tgt Ion:152 Resp: 131535

Ion Ratio Lower Upper

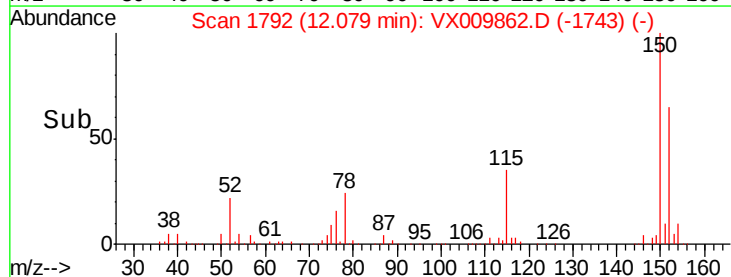
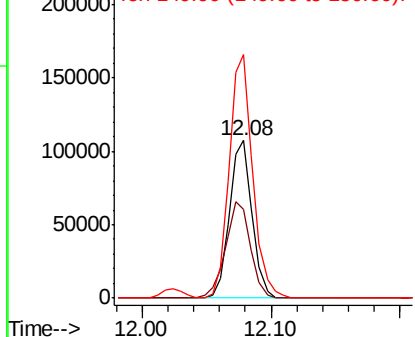
152 100

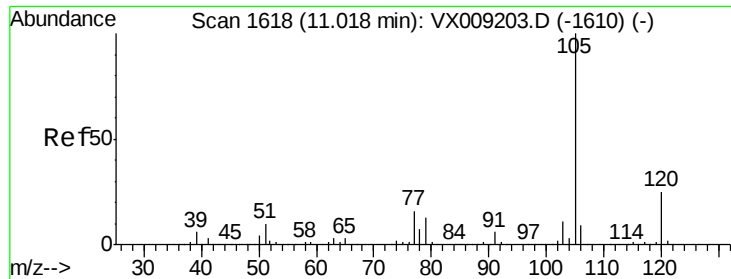
115 67.4 41.2 123.6

150 161.1 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: 18.412 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

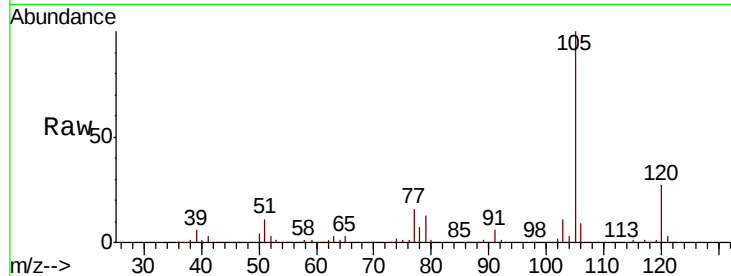
VX0523WBSD01

Tot Ion:105 Resp: 176114

Ion Ratio Lower Upper

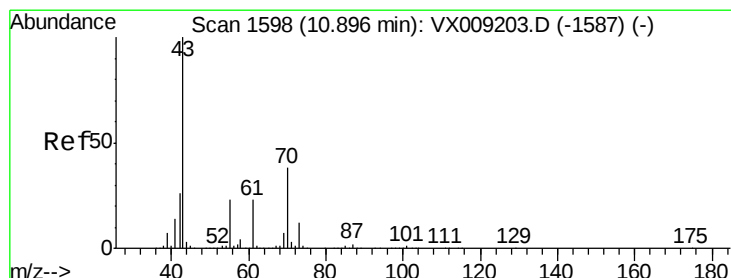
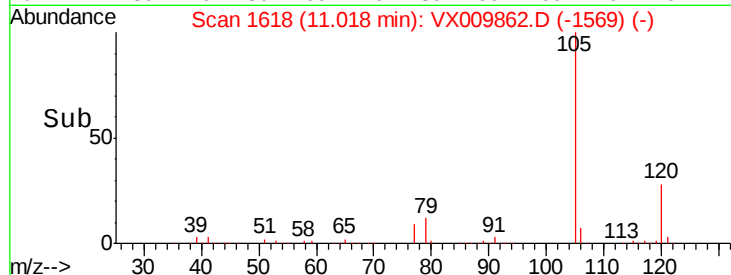
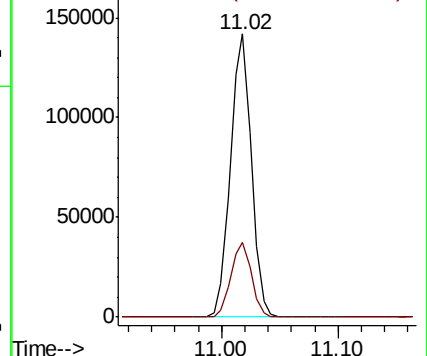
105 100

120 26.3 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: 19.279 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Tgt Ion: 43 Resp: 107509

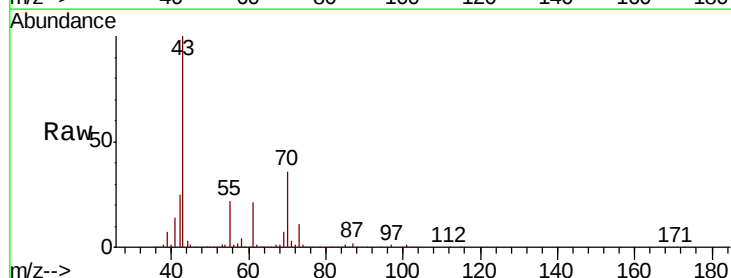
Ion Ratio Lower Upper

43 100

70 35.2 30.0 45.0

55 22.3 17.9 26.9

61 21.7 18.4 27.6

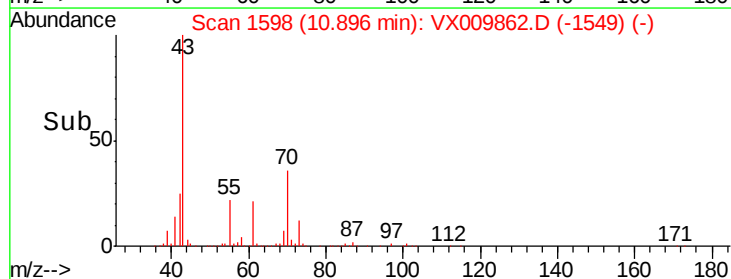
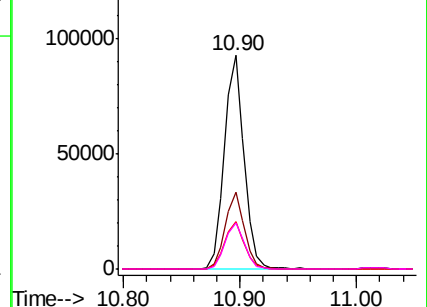


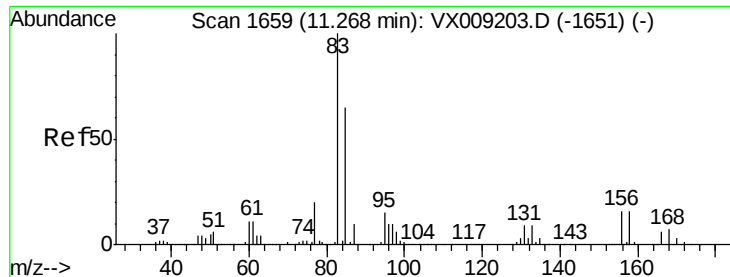
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.235 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

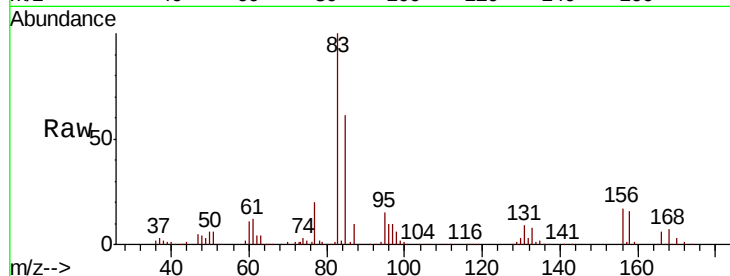
Tot Ion: 83 Resp: 65020

Ion Ratio Lower Upper

83 100

131 9.1 4.6 13.8

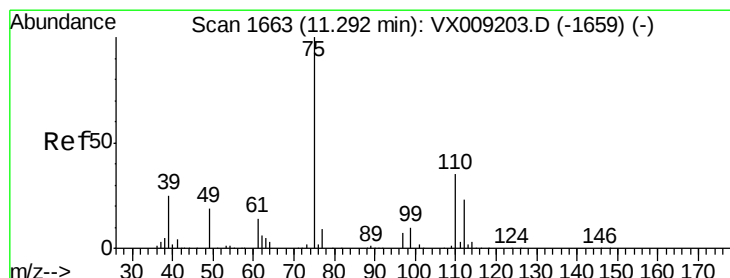
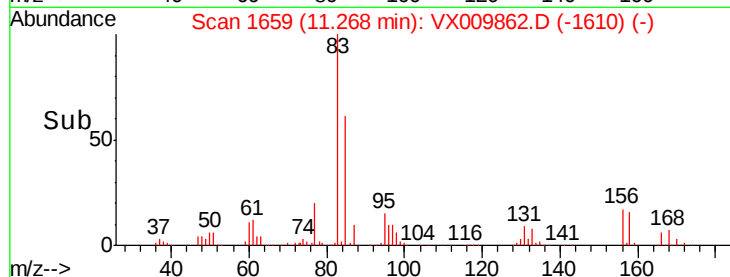
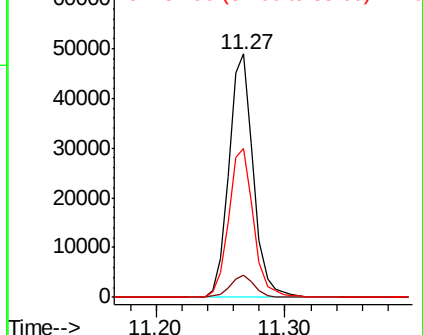
85 62.1 32.0 96.2



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: 24.432 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009862.D

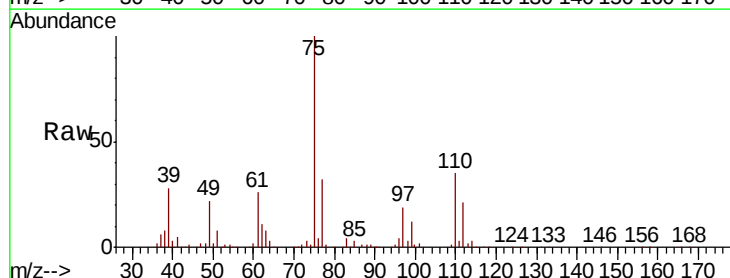
Acq: 23 May 2019 16:41

Tgt Ion: 75 Resp: 74545

Ion Ratio Lower Upper

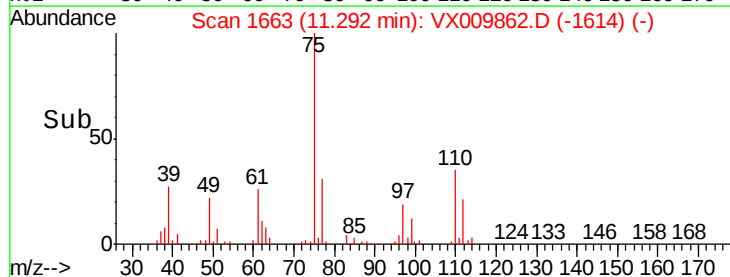
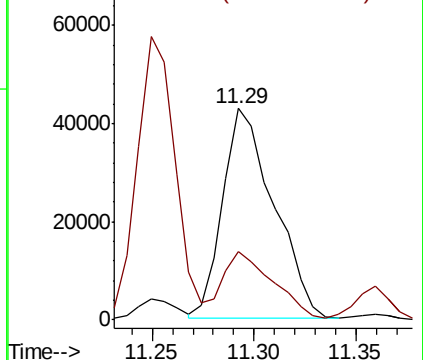
75 100

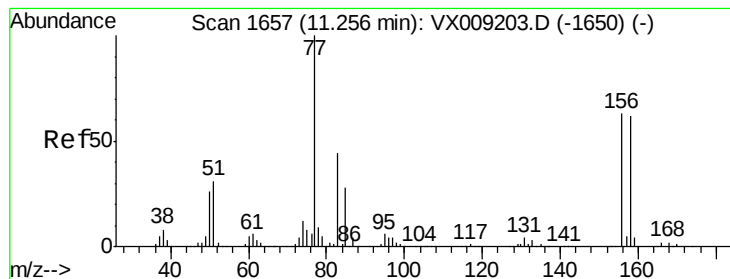
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.868 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

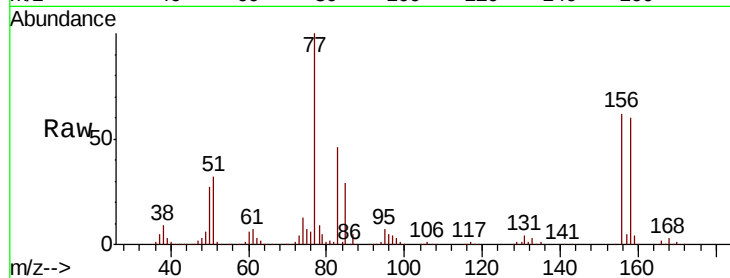
Tot Ion:156 Resp: 42421

Ion Ratio Lower Upper

156 100

77 176.3 84.8 254.3

158 98.6 49.1 147.3

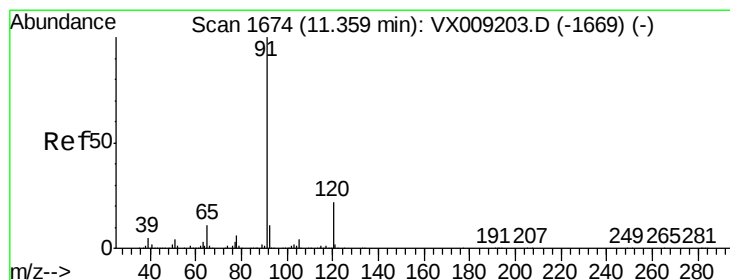
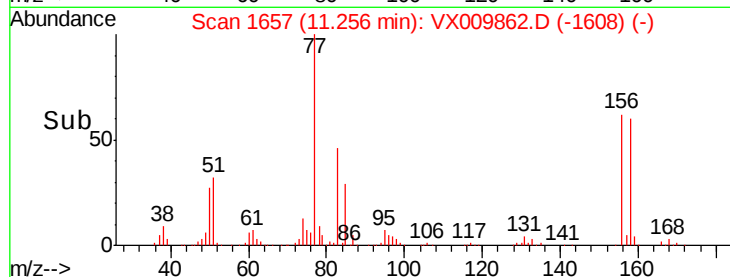
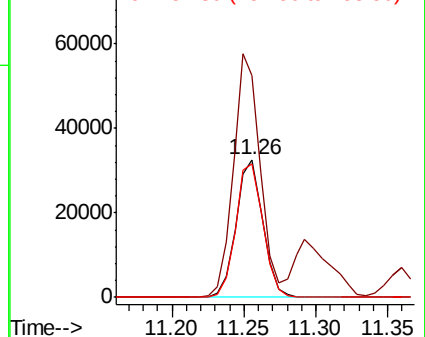


Abundance

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: 18.700 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009862.D

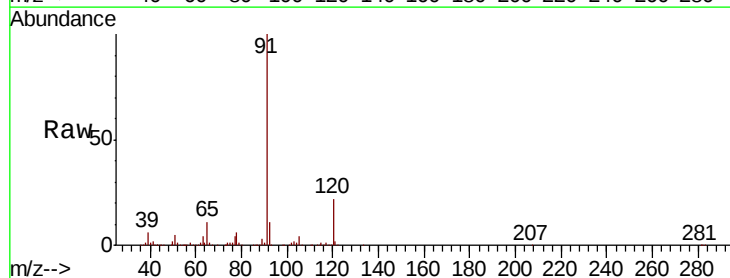
Acq: 23 May 2019 16:41

Tgt Ion: 91 Resp: 204277

Ion Ratio Lower Upper

91 100

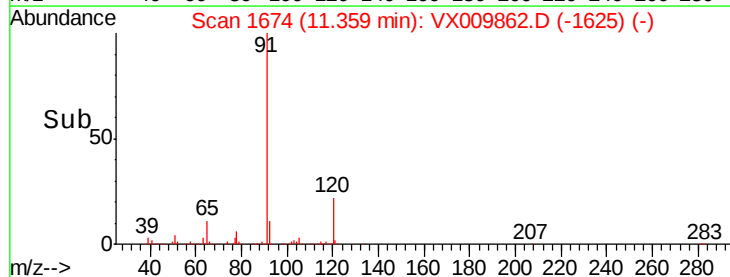
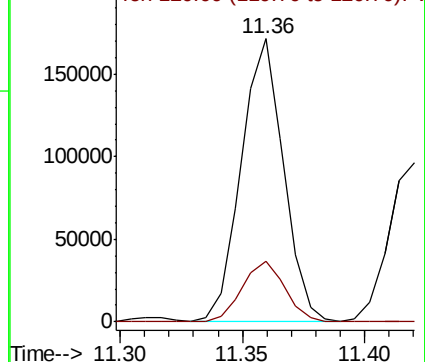
120 21.9 11.0 33.0

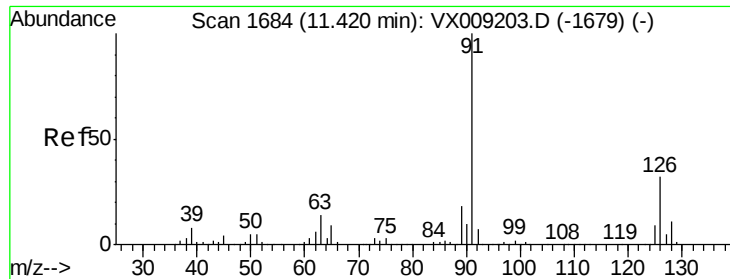


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.014 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

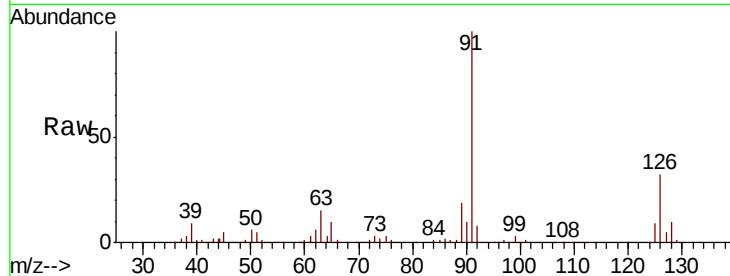
VX0523WBSD01

Tot Ion: 91 Resp: 121407

Ion Ratio Lower Upper

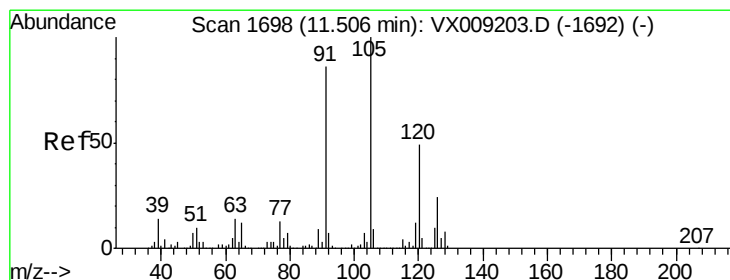
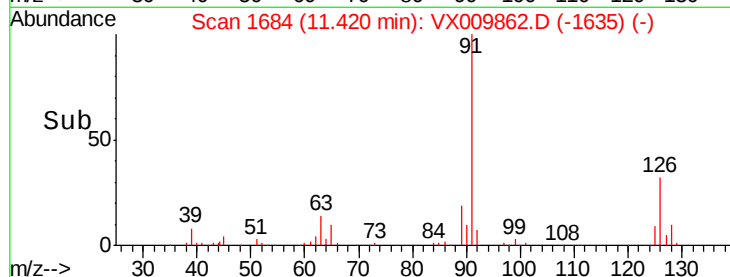
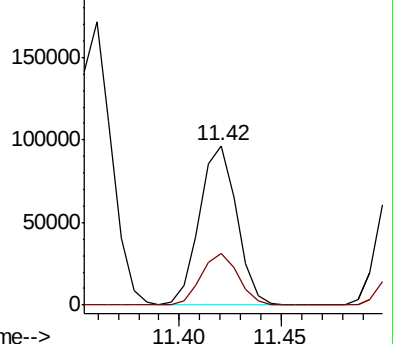
91 100

126 32.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009203.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.429 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009862.D

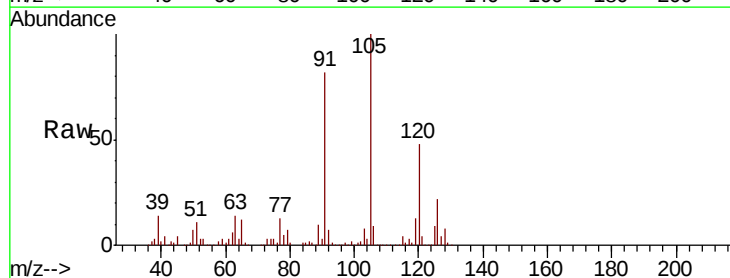
Acq: 23 May 2019 16:41

Tgt Ion:105 Resp: 148425

Ion Ratio Lower Upper

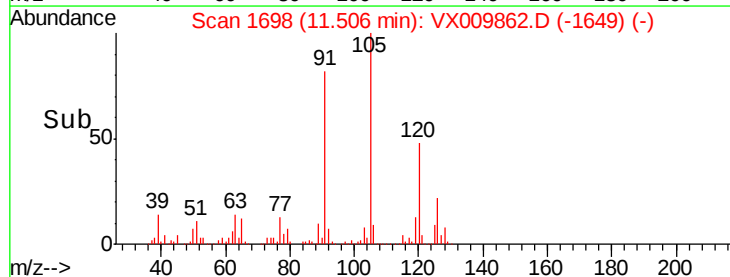
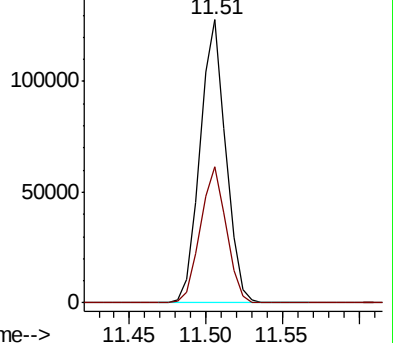
105 100

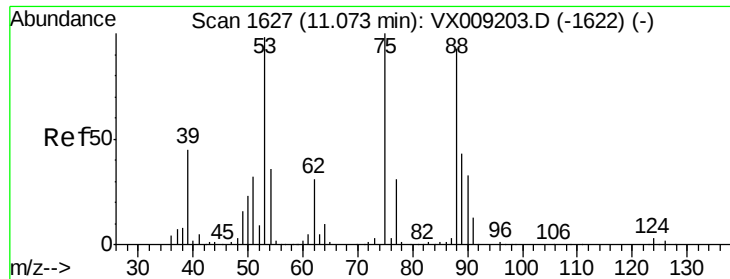
120 48.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.730 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

VX0523WBSD01

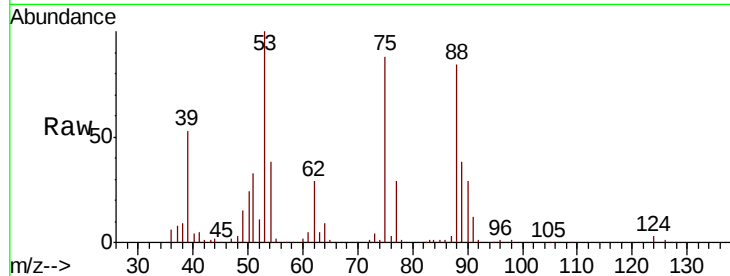
Tot Ion: 75 Resp: 19950

Ion Ratio Lower Upper

75 100

53 112.1 79.0 118.6

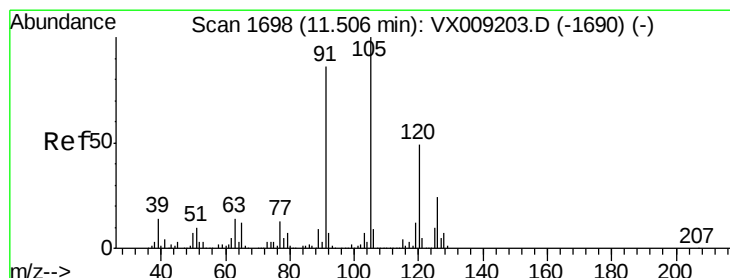
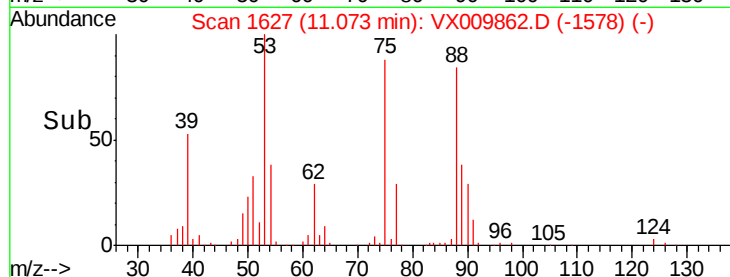
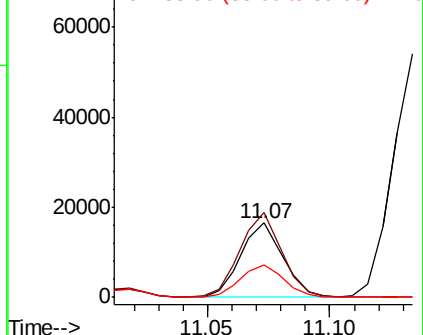
89 44.8 34.7 52.1



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: 18.388 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009862.D

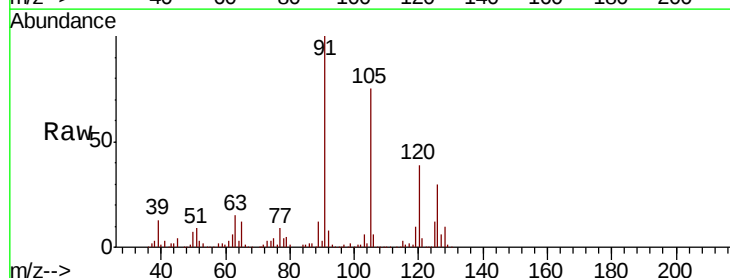
Acq: 23 May 2019 16:41

Tgt Ion: 91 Resp: 140001

Ion Ratio Lower Upper

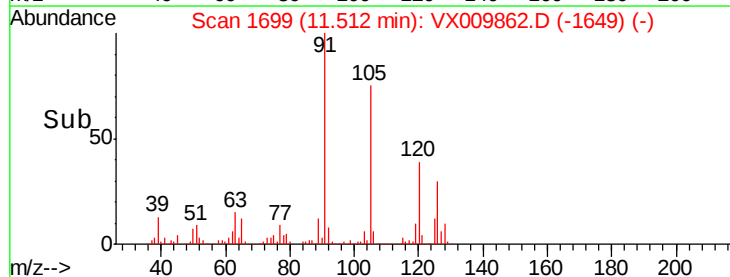
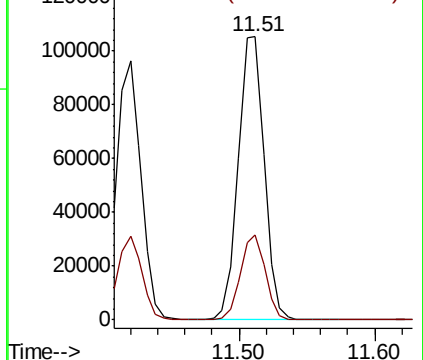
91 100

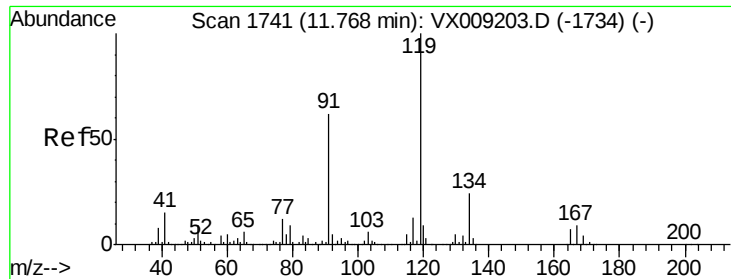
126 28.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

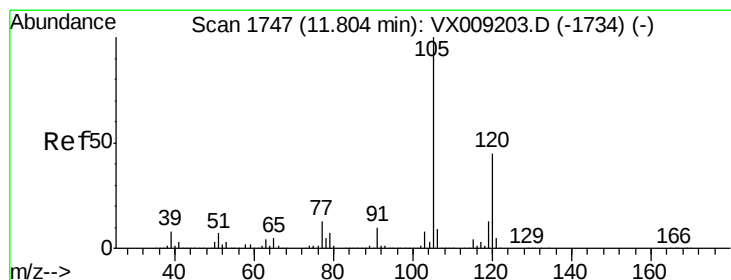
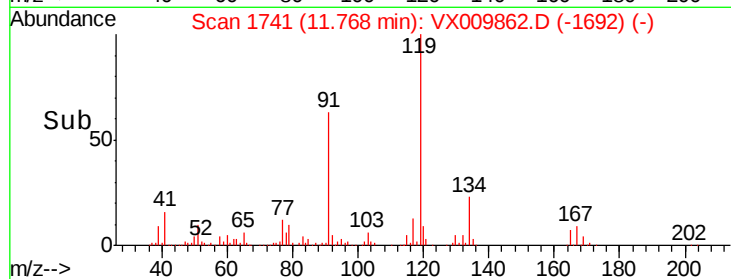
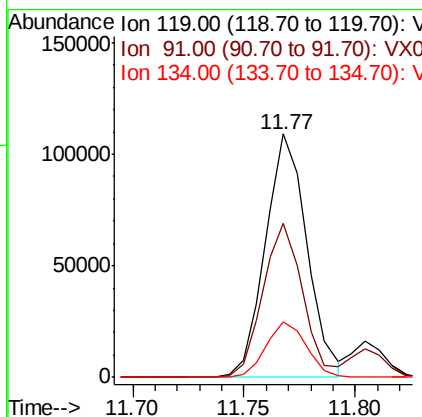
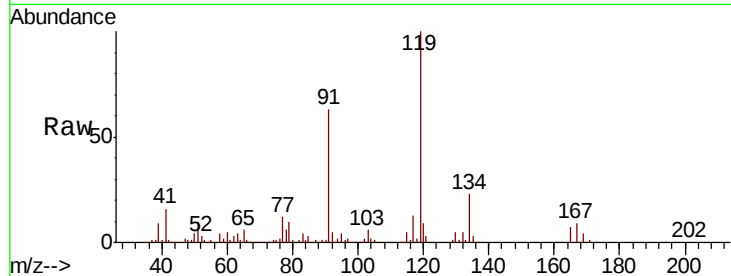




#83
tert-Butylbenzene
Concen: 18.063 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

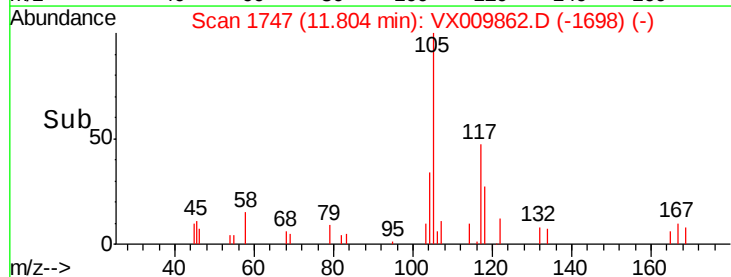
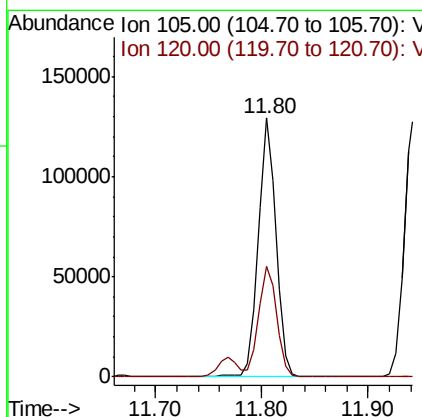
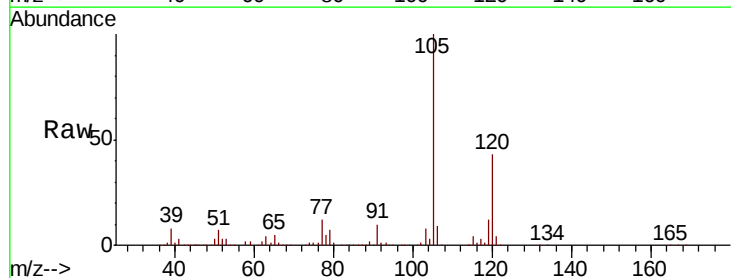
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

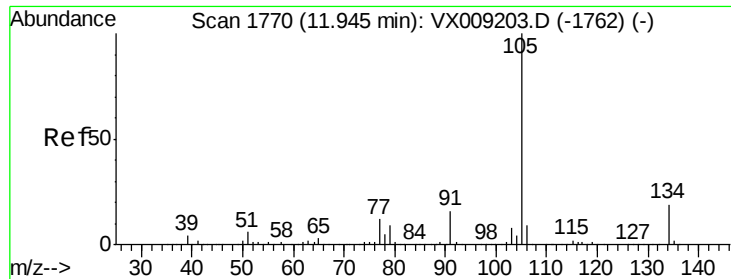
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	29.5	88.5
134	22.2	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 18.667 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 18.377 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

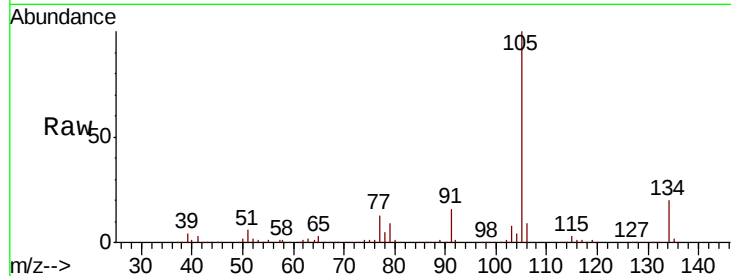
VX0523WBSD01

Tot Ion:105 Resp: 170700

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

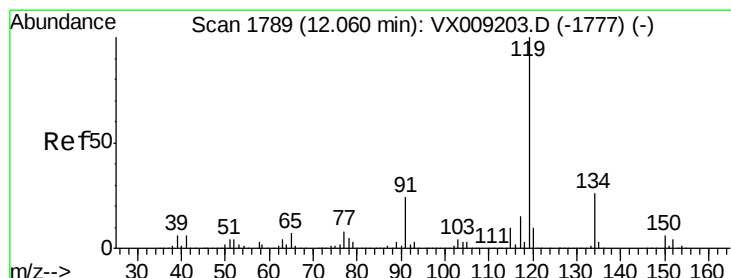
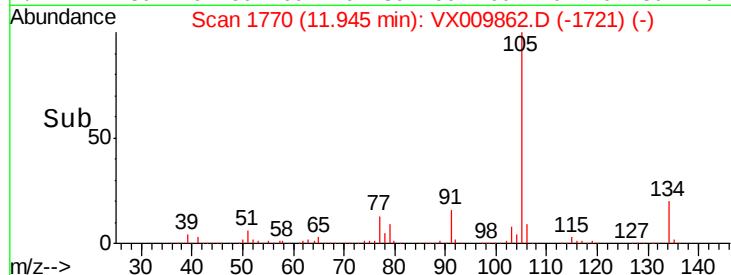
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 18.569 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

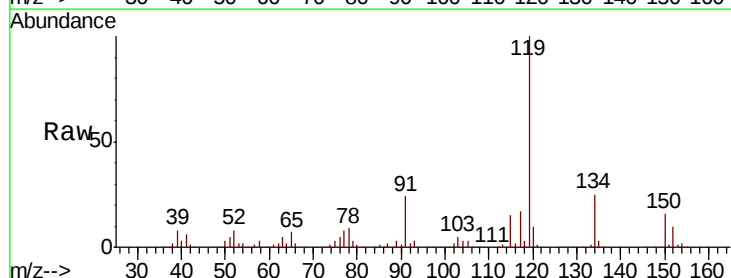
Tgt Ion:119 Resp: 155058

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.3 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

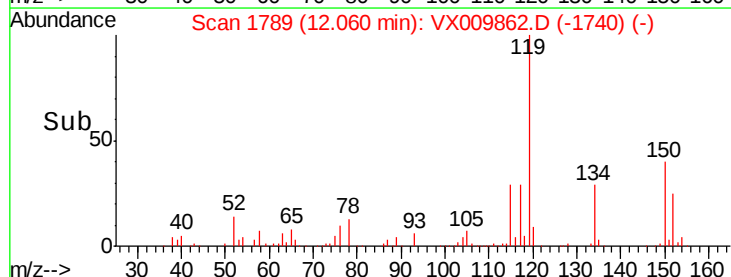
100000

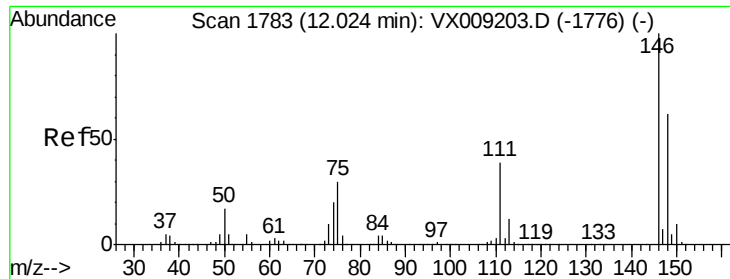
50000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 18.116 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

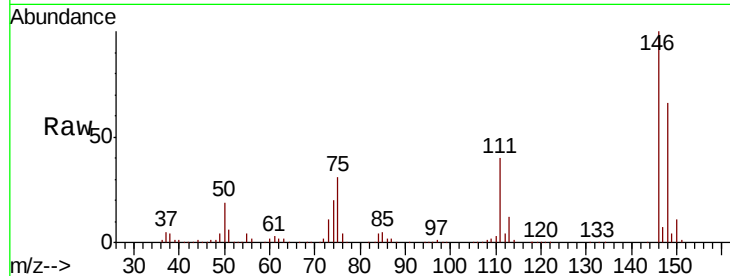
Tot Ion:146 Resp: 76673

Ion Ratio Lower Upper

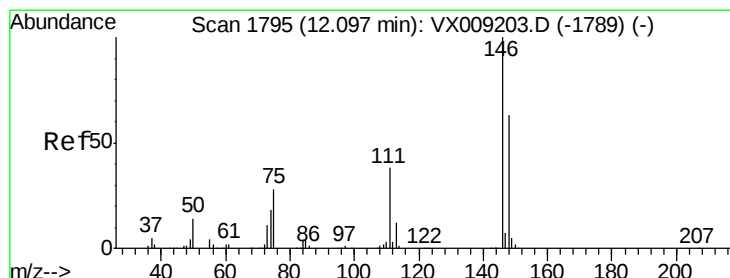
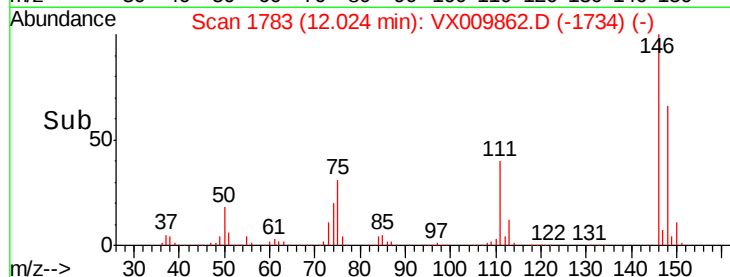
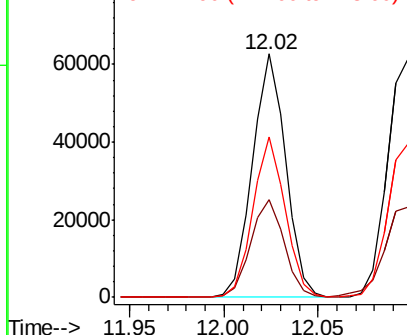
146 100

111 40.4 20.0 59.9

148 64.1 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 17.929 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

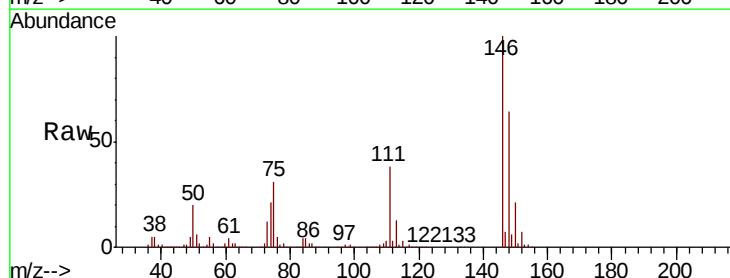
Tgt Ion:146 Resp: 76499

Ion Ratio Lower Upper

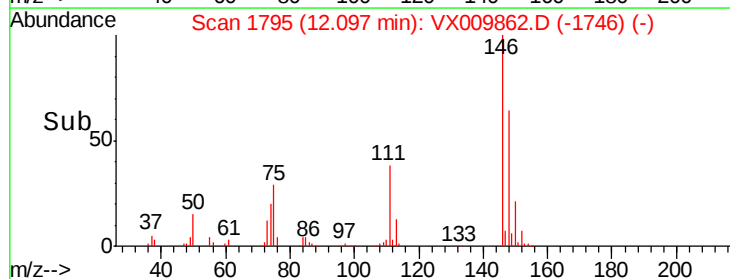
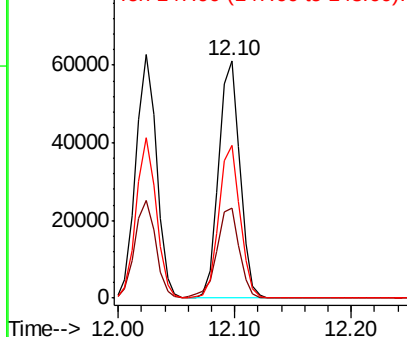
146 100

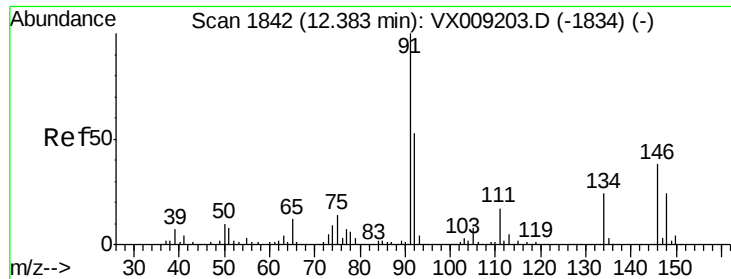
111 40.7 19.6 58.8

148 64.3 31.8 95.3



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

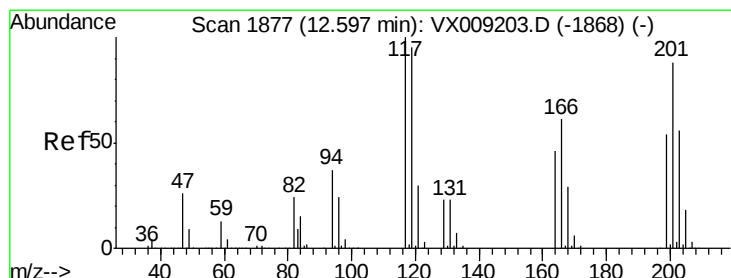
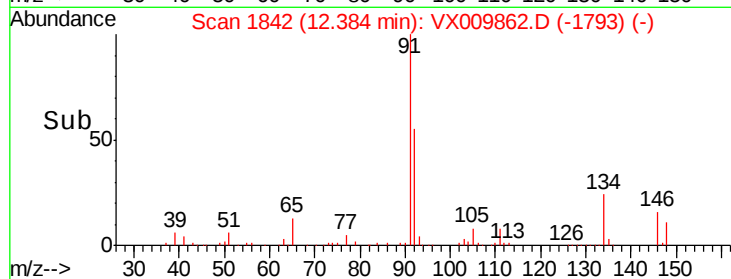
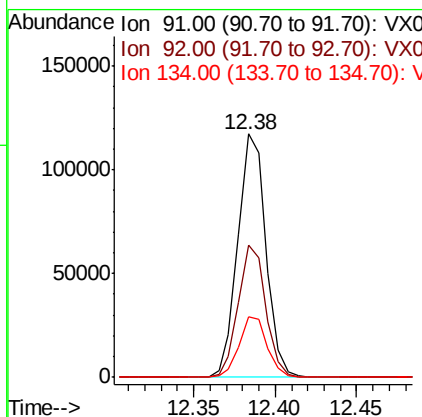
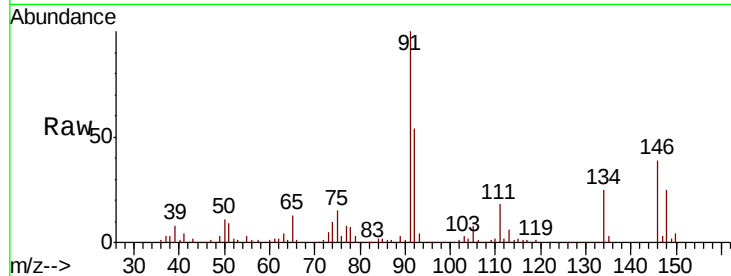




#89
n-Butylbenzene
Concen: 18.671 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

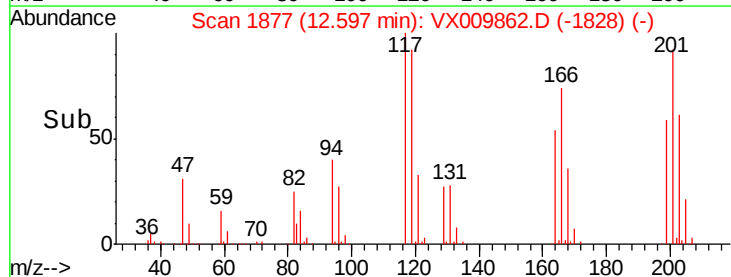
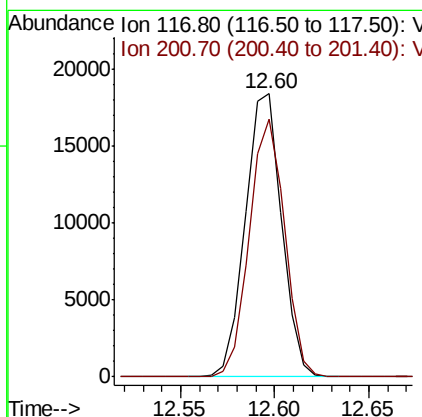
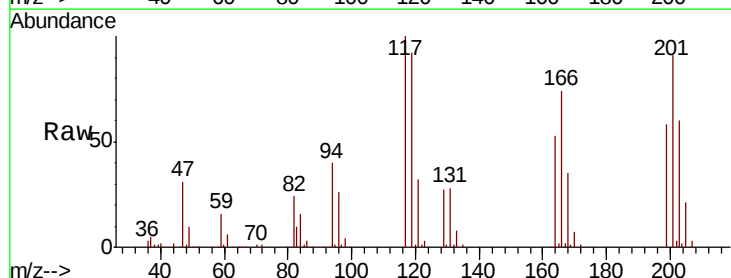
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

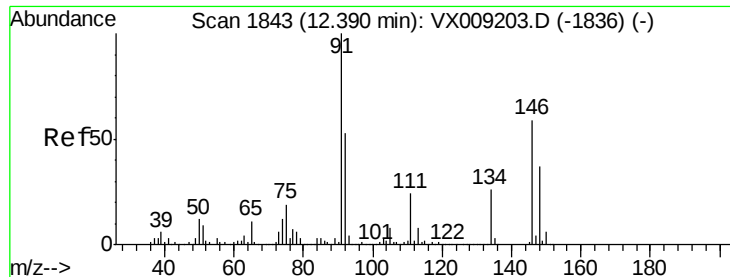
Tot Ion: 91 Resp: 140920
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 17.347 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009862.D
Acq: 23 May 2019 16:41

Tgt Ion: 117 Resp: 24679
Ion Ratio Lower Upper
117 100
201 88.5 42.3 126.9

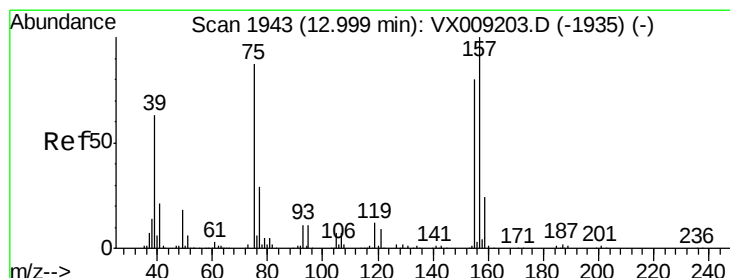
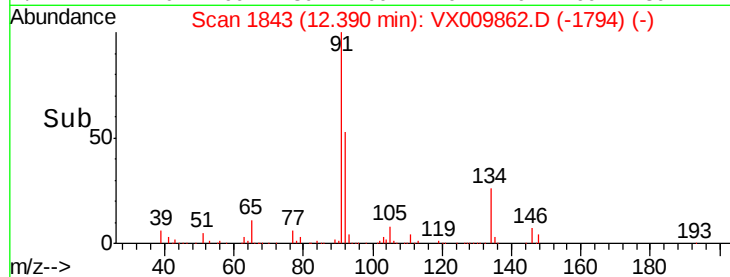
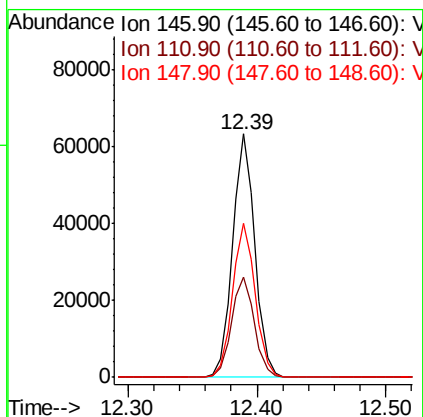
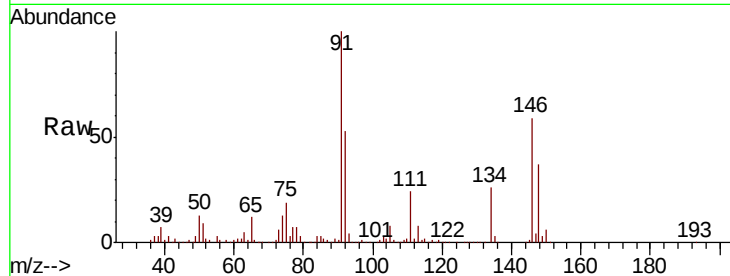




#91
 1,2-Dichlorobenzene
 Concen: 17.732 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

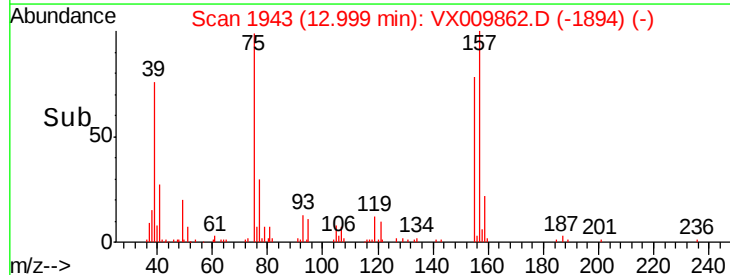
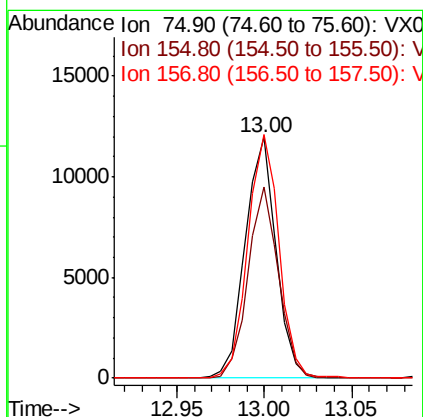
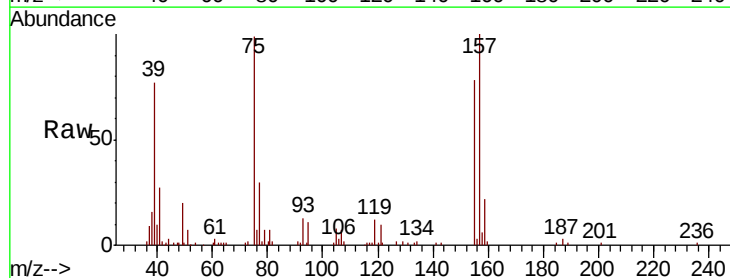
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

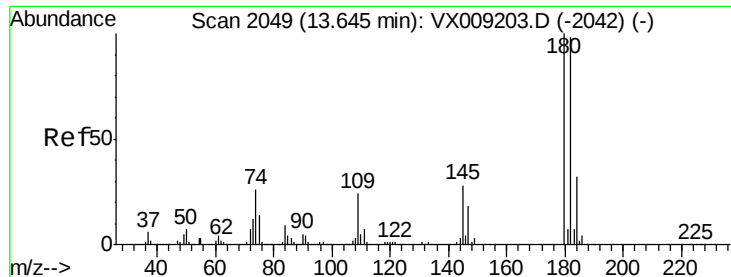
Tot Ion:146 Resp: 76437
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.4
 148 64.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.317 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Tgt Ion: 75 Resp: 14652
 Ion Ratio Lower Upper
 75 100
 155 78.2 42.0 126.0
 157 102.1 53.2 159.6

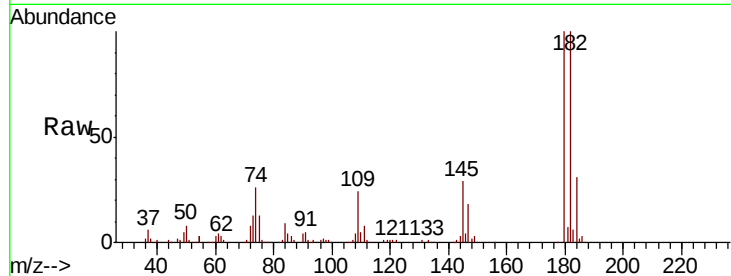




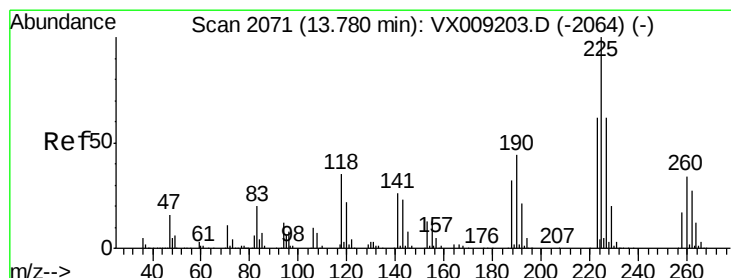
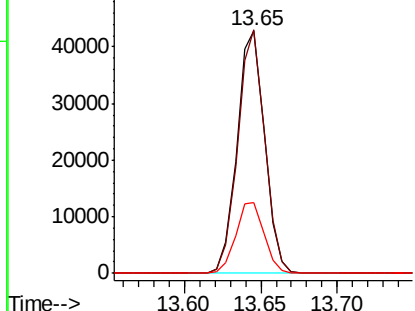
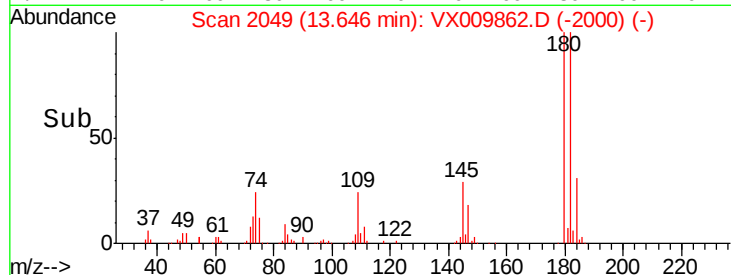
#93
 1,2,4-Trichlorobenzene
 Concen: 18.119 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

Tot Ion:180 Resp: 53411
 Ion Ratio Lower Upper
 180 100
 182 97.9 48.4 145.2
 145 30.1 14.6 43.8

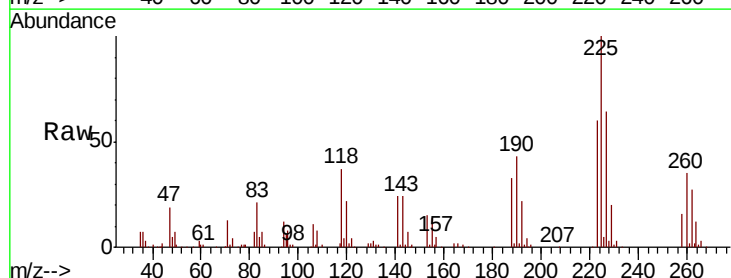


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

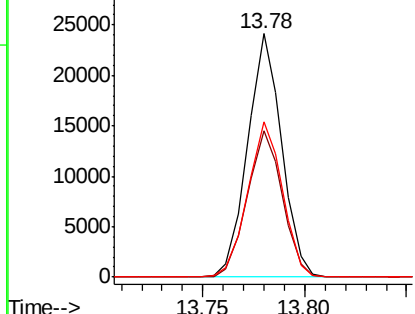
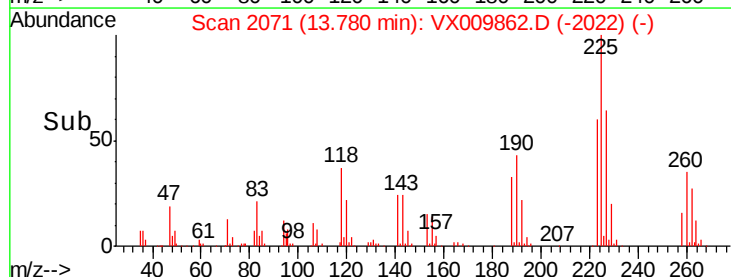


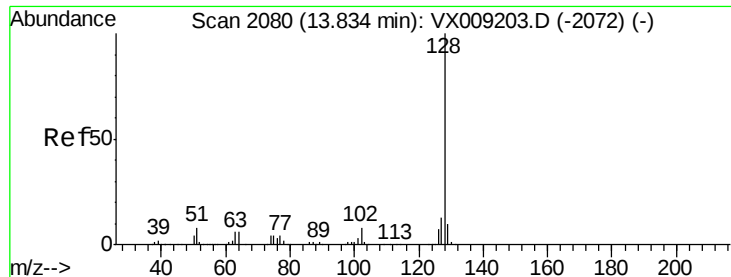
#94
 Hexachlorobutadiene
 Concen: 18.644 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009862.D
 Acq: 23 May 2019 16:41

Tgt Ion:225 Resp: 28066
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.8
 227 65.1 31.8 95.3



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





#95

Naphthalene

Concen: 18.042 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

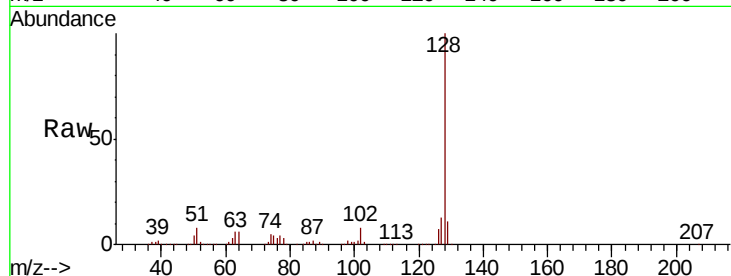
Tot Ion:128 Resp: 173029

Ion Ratio Lower Upper

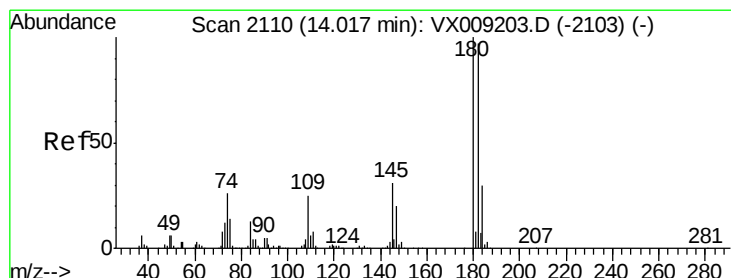
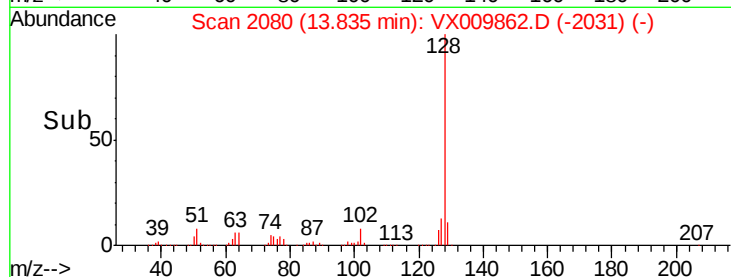
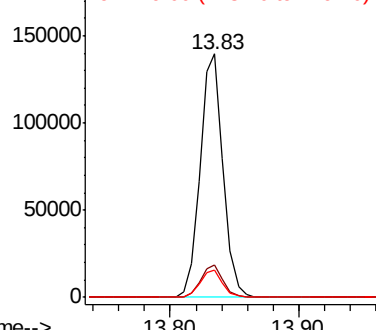
128 100

127 13.0 10.4 15.6

129 11.0 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: 18.072 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009862.D

Acq: 23 May 2019 16:41

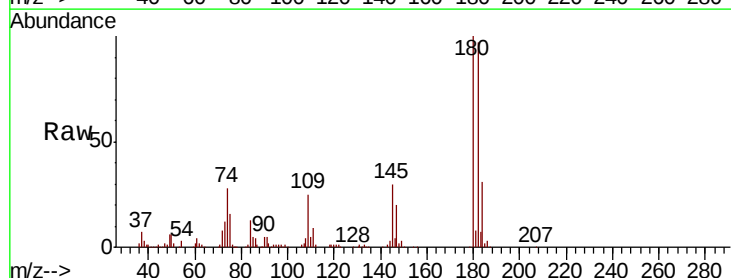
Tgt Ion:180 Resp: 54001

Ion Ratio Lower Upper

180 100

182 97.6 47.8 143.4

145 30.5 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

