

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009561.D
 Acq On : 14 May 2019 14:53
 Operator : JC/SP
 Sample : VX0514MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

Quant Time: May 15 01:53:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	164204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109743	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.50	113	81114	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	323165	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	116051	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28547	18.866	ug/l	99
3) Chloromethane	1.32	50	42939	20.785	ug/l	98
4) Vinyl Chloride	1.41	62	40945	20.325	ug/l	96
5) Bromomethane	1.64	94	26050	21.545	ug/l	100
6) Chloroethane	1.72	64	27579	21.323	ug/l	99
7) Trichlorofluoromethane	1.93	101	53644	21.907	ug/l	96
8) Diethyl Ether	2.19	74	24846	21.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32945	21.425	ug/l	98
10) Methyl Iodide	2.51	142	37291	23.548	ug/l	99
11) Tert butyl alcohol	3.04	59	55092	106.177	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32543	21.122	ug/l	99
13) Acrolein	2.29	56	35436	75.411	ug/l	98
14) Allyl chloride	2.73	41	78352	20.868	ug/l	98
15) Acrylonitrile	3.14	53	133015	104.845	ug/l	99
16) Acetone	2.44	43	133016	110.511	ug/l	96
17) Carbon Disulfide	2.57	76	89906	20.784	ug/l	100
18) Methyl Acetate	2.78	43	60650	21.188	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	128722	21.515	ug/l	99
20) Methylene Chloride	2.85	84	40037	20.544	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	35264	21.105	ug/l	96
22) Diisopropyl ether	3.85	45	156659	21.696	ug/l	96
23) Vinyl Acetate	3.81	43	693165	112.104	ug/l	100
24) 1,1-Dichloroethane	3.70	63	75756	21.267	ug/l	100
25) 2-Butanone	4.67	43	203502	108.800	ug/l	99
26) 2,2-Dichloropropane	4.59	77	58482	22.057	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	43278	21.700	ug/l	99
28) Bromochloromethane	5.01	49	25883	16.198	ug/l	100
29) Tetrahydrofuran	5.13	42	131670	109.396	ug/l	99
30) Chloroform	5.21	83	70011	21.731	ug/l	100
31) Cyclohexane	5.58	56	72005	21.727	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	58138	21.678	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52812	22.202	ug/l	99
37) Ethyl Acetate	4.83	43	74004	22.329	ug/l	98
38) Carbon Tetrachloride	5.78	117	48345	22.370	ug/l	95

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 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

Quant Time: May 15 01:53:57 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	65350	22.370	ug/l	96
40) Benzene	6.14	78	163740	22.242	ug/l	100
41) Methacrylonitrile	5.04	41	41780	21.177	ug/l	98
42) 1,2-Dichloroethane	6.19	62	59813	22.650	ug/l	100
43) Isopropyl Acetate	6.45	43	118055	22.269	ug/l	99
44) Trichloroethene	7.21	130	39235	22.046	ug/l	96
45) 1,2-Dichloropropane	7.51	63	47016	22.555	ug/l	99
46) Dibromomethane	7.66	93	26546	21.930	ug/l	97
47) Bromodichloromethane	7.90	83	52901	21.909	ug/l	98
48) Methyl methacrylate	7.77	41	59861	22.760	ug/l	99
49) 1,4-Dioxane	7.74	88	23232	435.561	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	389012	112.268	ug/l	100
52) Toluene	8.78	92	99620	22.262	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60966	22.363	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	67597	22.402	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	40377	22.116	ug/l	96
56) Ethyl methacrylate	9.18	69	72803	22.340	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71234	22.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	174689	101.044	ug/l	99
59) 2-Hexanone	9.49	43	305176	112.140	ug/l	99
60) Dibromochloromethane	9.58	129	39713	22.272	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41426	22.479	ug/l	99
64) Tetrachloroethene	9.34	164	34891	21.978	ug/l	97
65) Chlorobenzene	10.13	112	103186	22.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37463	22.319	ug/l	99
67) Ethyl Benzene	10.25	91	192742	22.621	ug/l	99
68) m/p-Xylenes	10.36	106	141206	45.350	ug/l	99
69) o-Xylene	10.69	106	68142	22.181	ug/l	100
70) Styrene	10.71	104	118825	22.254	ug/l	98
71) Bromoform	10.85	173	29630	21.722	ug/l #	99
73) Isopropylbenzene	11.02	105	185373	22.298	ug/l	99
74) N-amyl acetate	10.90	43	106853	22.046	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68258	22.025	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	78758	29.698	ug/l	81
77) Bromobenzene	11.26	156	45129	21.870	ug/l	100
78) n-propylbenzene	11.36	91	212387	22.369	ug/l	99
79) 2-Chlorotoluene	11.42	91	125949	21.502	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155717	22.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22374	21.587	ug/l	96
82) 4-Chlorotoluene	11.51	91	144347	21.813	ug/l	100
83) tert-Butylbenzene	11.77	119	149853	22.006	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	158321	22.533	ug/l	99
85) sec-Butylbenzene	11.94	105	177712	22.012	ug/l	100
86) p-Isopropyltoluene	12.06	119	163797	22.568	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81312	22.105	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	81204	21.896	ug/l	99
89) n-Butylbenzene	12.38	91	147681	22.513	ug/l	100
90) Hexachloroethane	12.60	117	26697	21.591	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	82246	21.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15678	22.551	ug/l	98

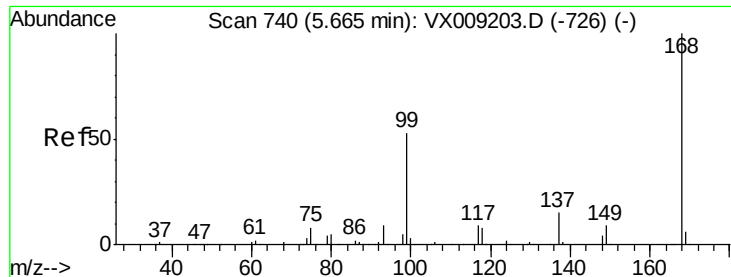
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58308	22.758	ug/l	98
94) Hexachlorobutadiene	13.78	225	30203	23.084	ug/l	98
95) Naphthalene	13.83	128	187792	22.529	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58880	22.671	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

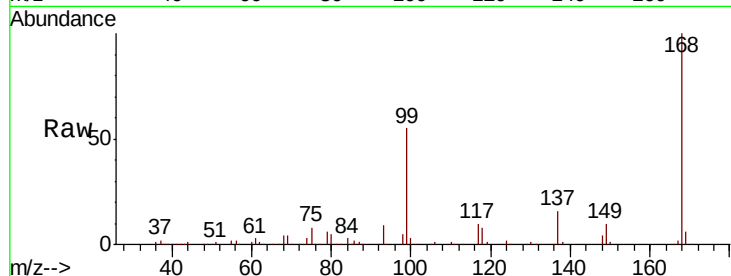
VX0514MBS01

Tot Ion:168 Resp: 164204

Ion Ratio Lower Upper

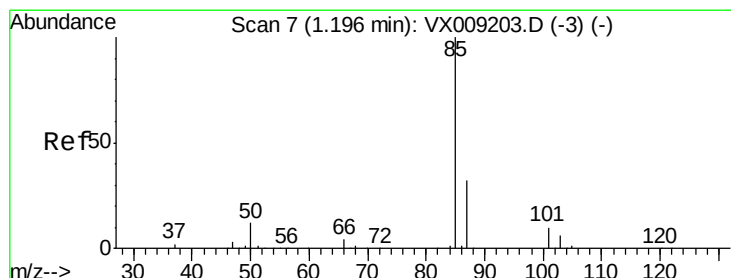
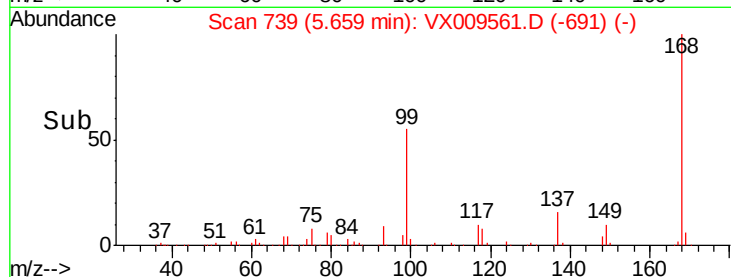
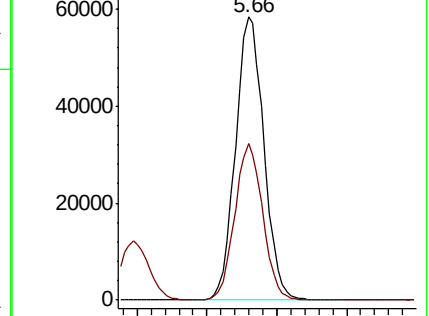
168 100

99 55.2 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: 18.866 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009561.D

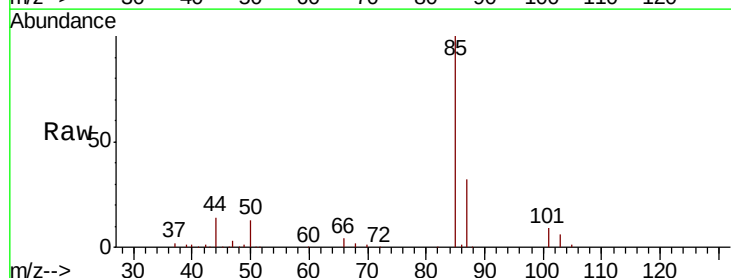
Acq: 14 May 2019 14:53

Tgt Ion: 85 Resp: 28547

Ion Ratio Lower Upper

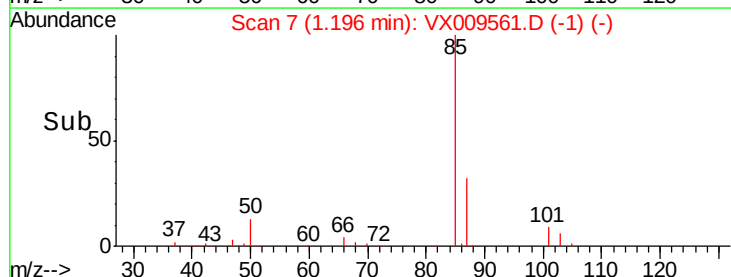
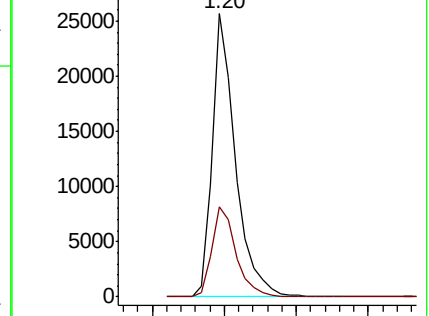
85 100

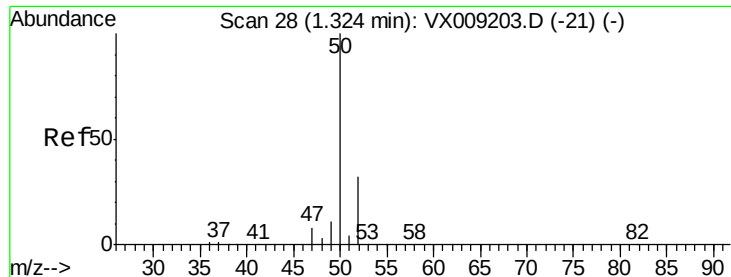
87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.785 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

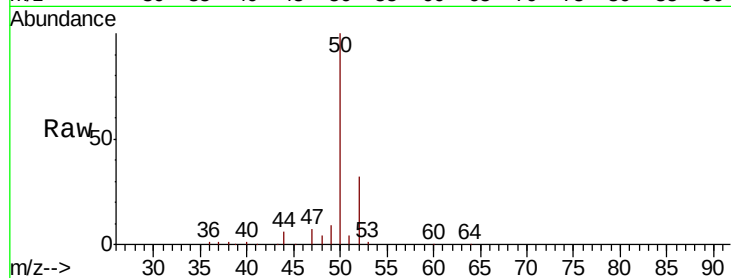
VX0514MBS01

Tot Ion: 50 Resp: 42939

Ion Ratio Lower Upper

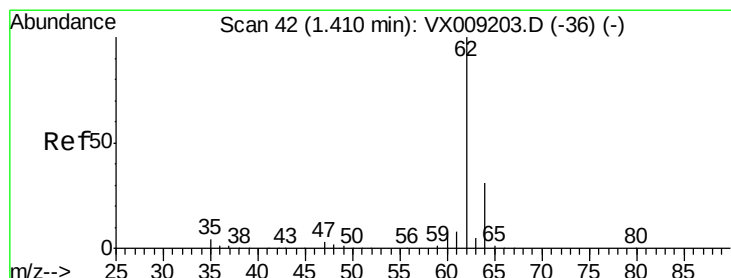
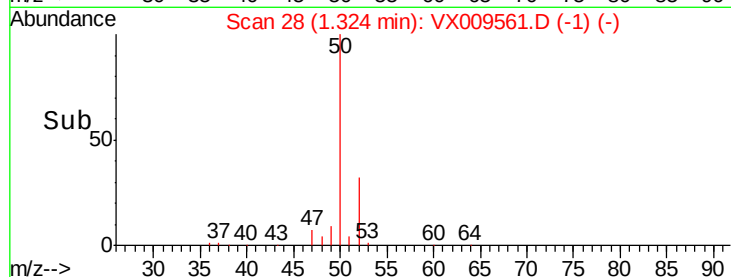
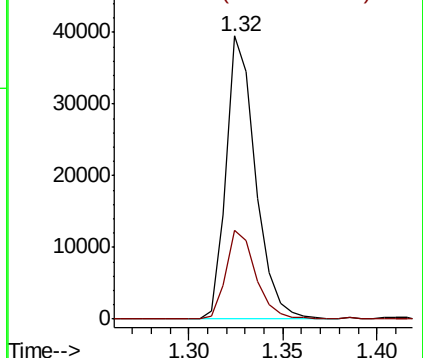
50 100

52 31.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.325 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009561.D

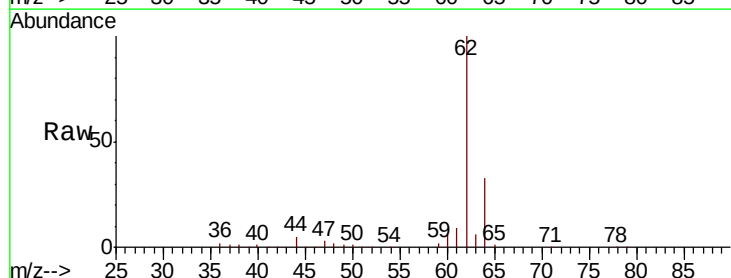
Acq: 14 May 2019 14:53

Tgt Ion: 62 Resp: 40945

Ion Ratio Lower Upper

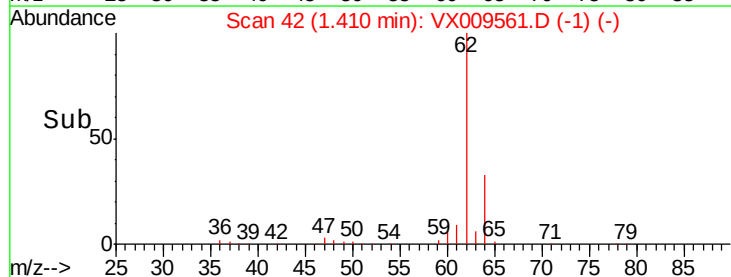
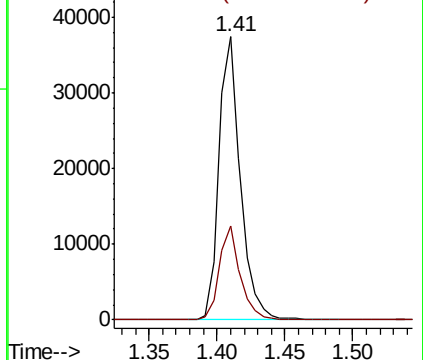
62 100

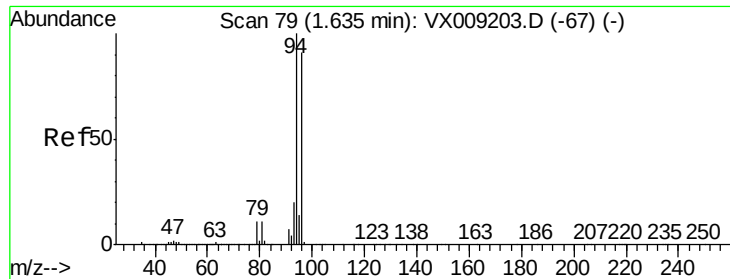
64 33.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.545 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

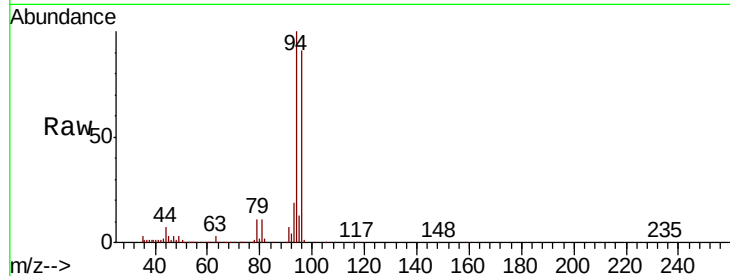
VX0514MBS01

Tot Ion: 94 Resp: 26050

Ion Ratio Lower Upper

94 100

96 91.1 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

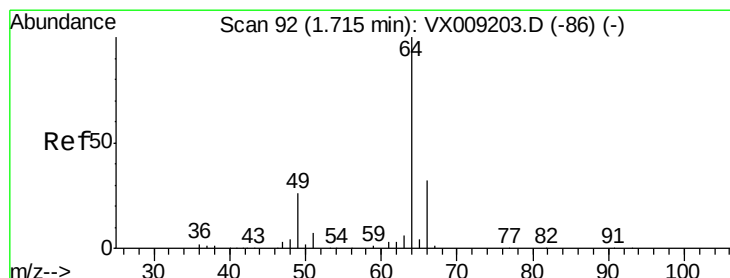
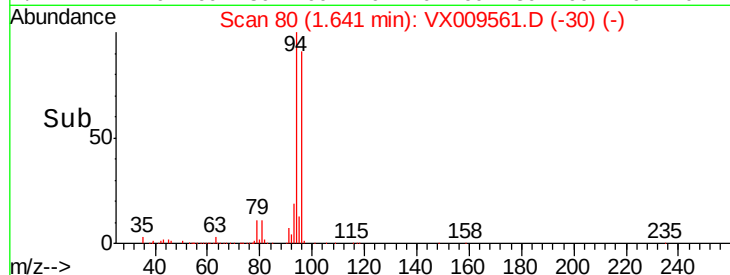
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 21.323 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009561.D

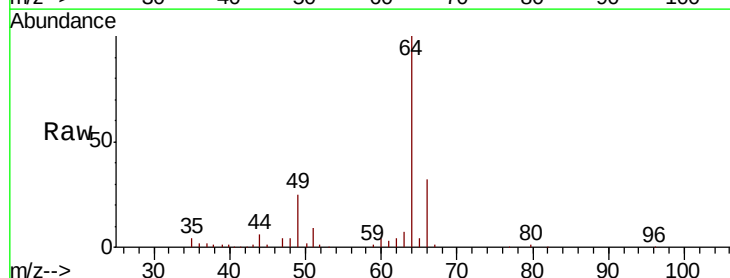
Acq: 14 May 2019 14:53

Tgt Ion: 64 Resp: 27579

Ion Ratio Lower Upper

64 100

66 32.2 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

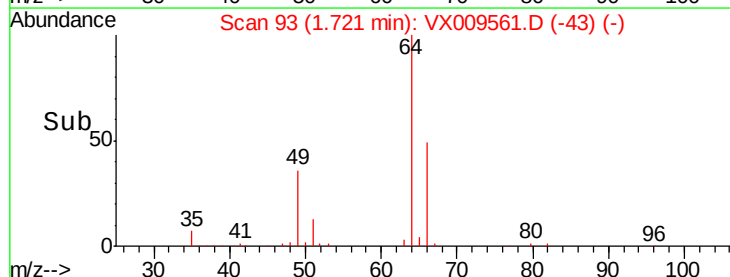
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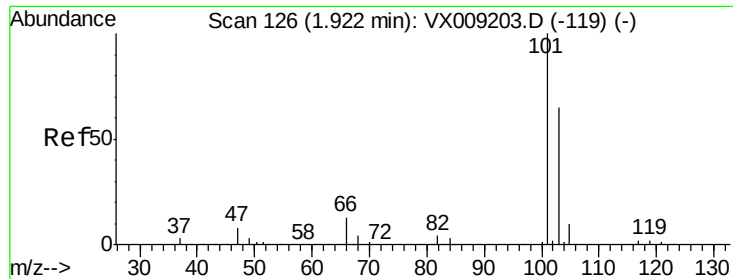
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



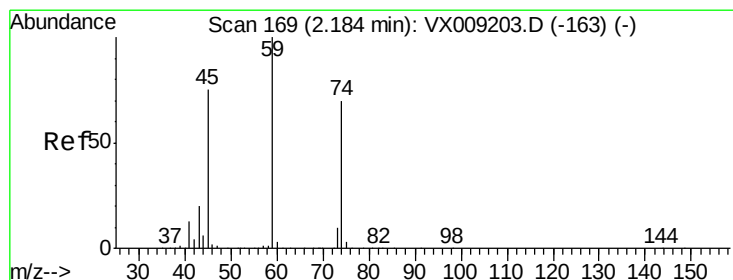
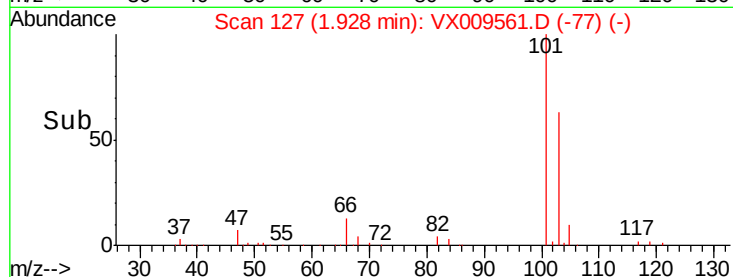
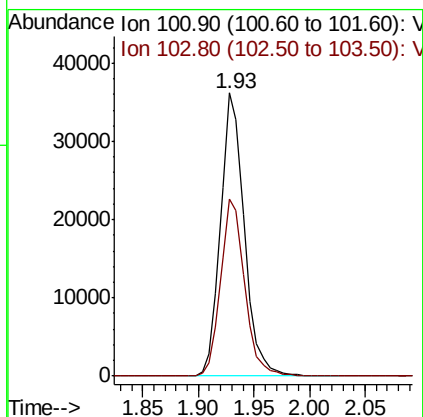
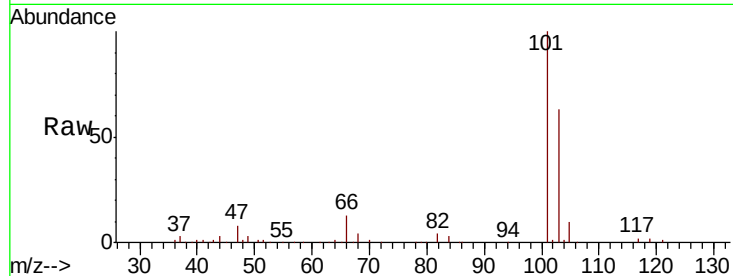


#7

Trichlorofluoromethane
 Concen: 21.907 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

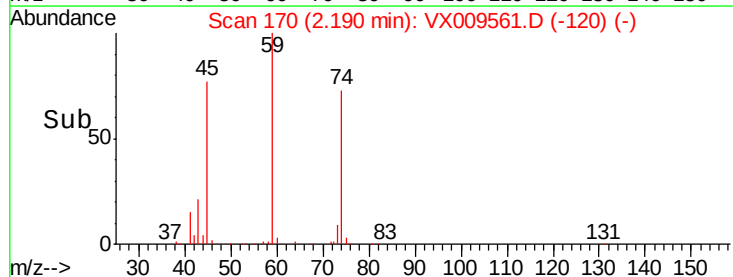
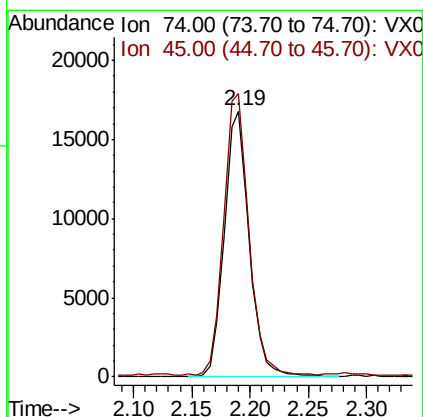
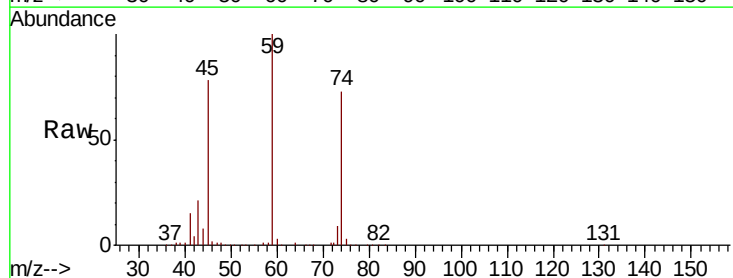
Tot Ion:101 Resp: 53644
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.4 78.6

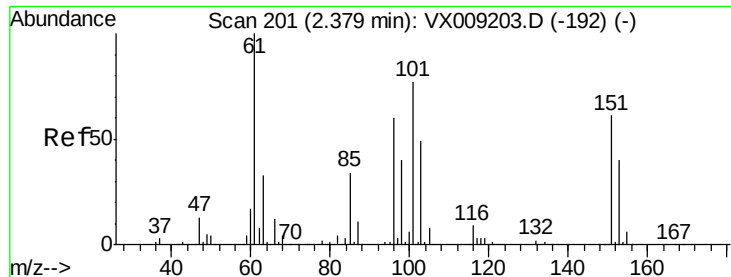


#8

Diethyl Ether
 Concen: 21.421 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion: 74 Resp: 24846
 Ion Ratio Lower Upper
 74 100
 45 106.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.425 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

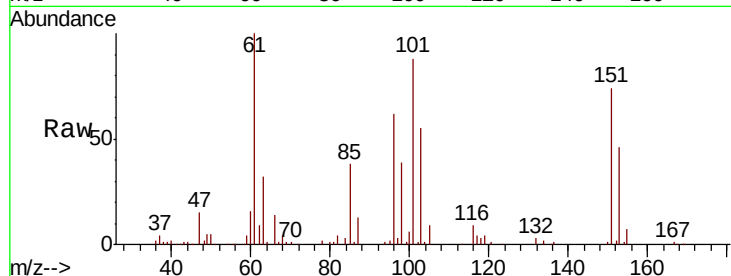
Tot Ion:101 Resp: 32945

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

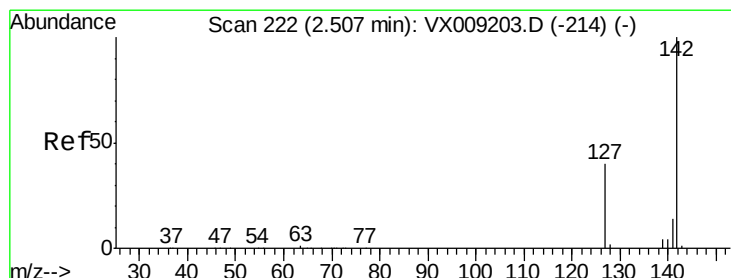
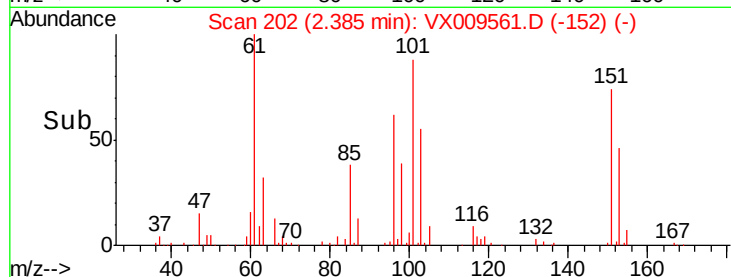
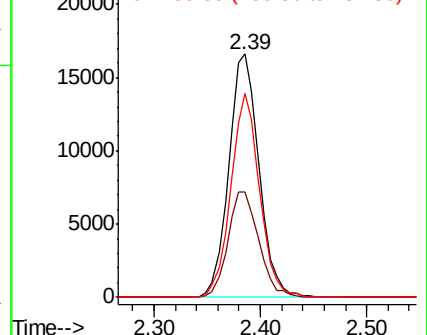
151 79.7 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.548 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

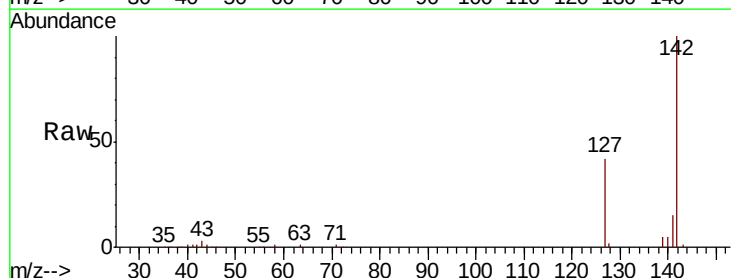
Tgt Ion:142 Resp: 37291

Ion Ratio Lower Upper

142 100

127 41.7 32.7 49.1

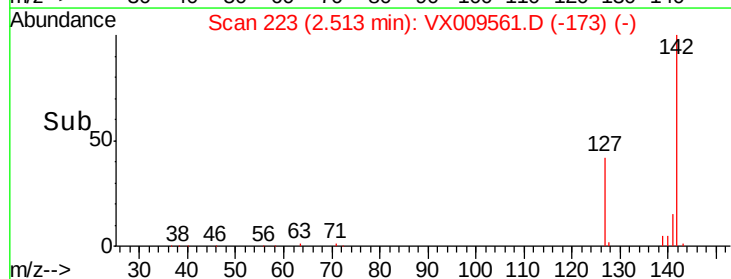
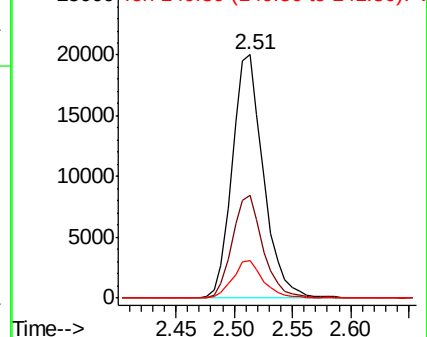
141 14.8 11.5 17.3

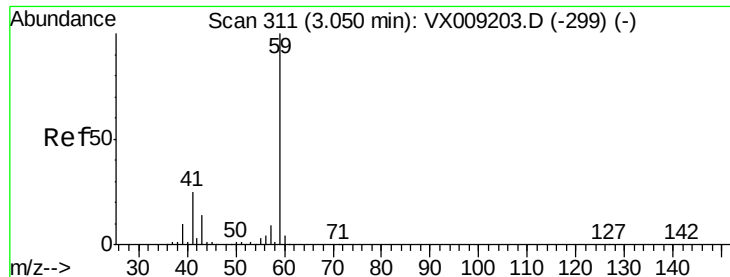


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

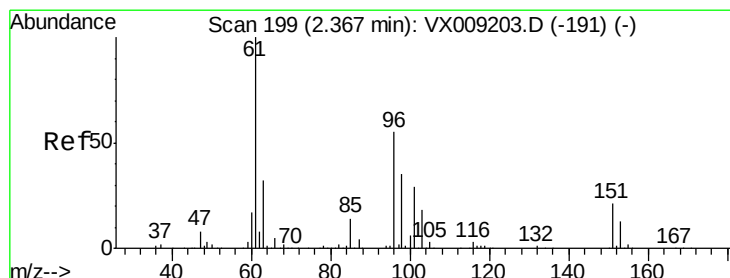
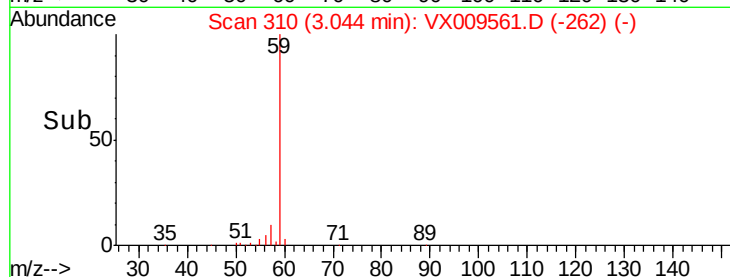
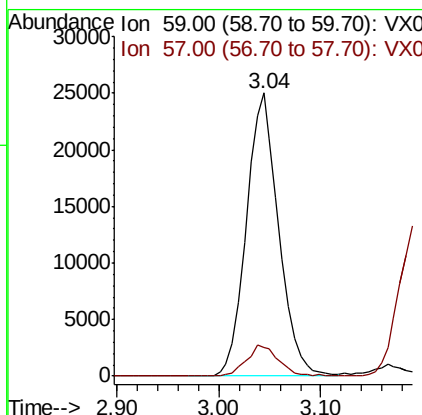
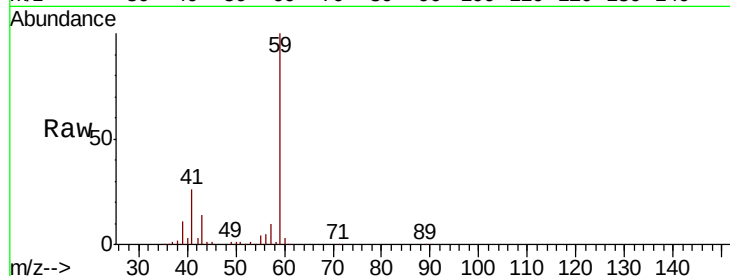




#11
Tert butyl alcohol
Concen: 106.177 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

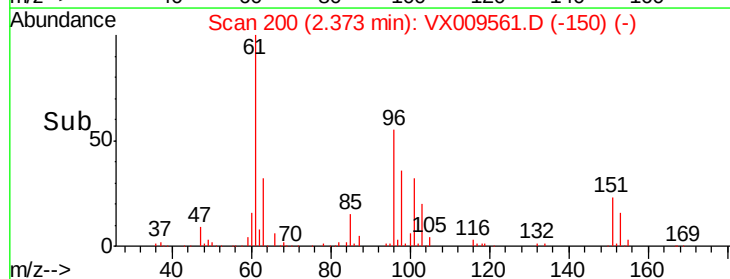
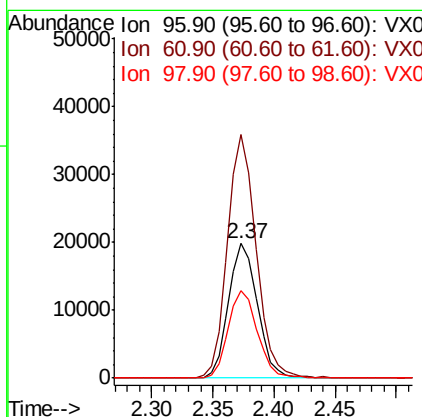
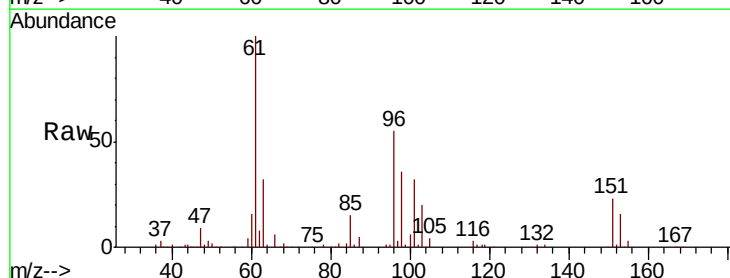
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

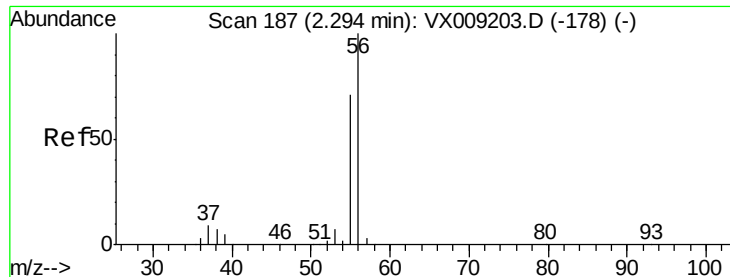
Tot Ion: 59 Resp: 55092
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.122 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 96 Resp: 32543
Ion Ratio Lower Upper
96 100
61 180.7 144.3 216.5
98 65.1 50.3 75.5





#13

Acrolein

Concen: 75.411 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

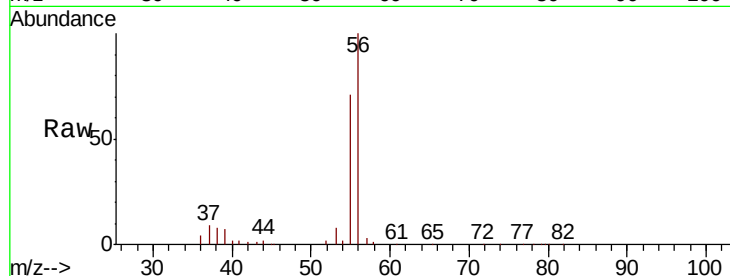
VX0514MBS01

Tot Ion: 56 Resp: 35436

Ion Ratio Lower Upper

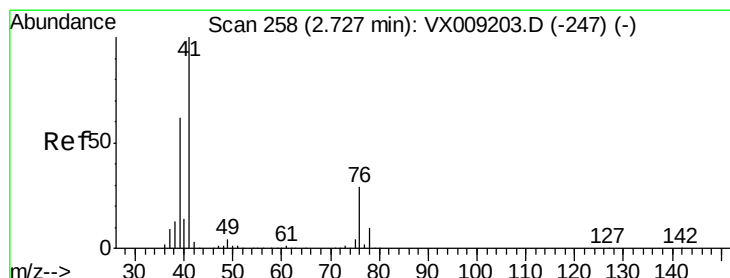
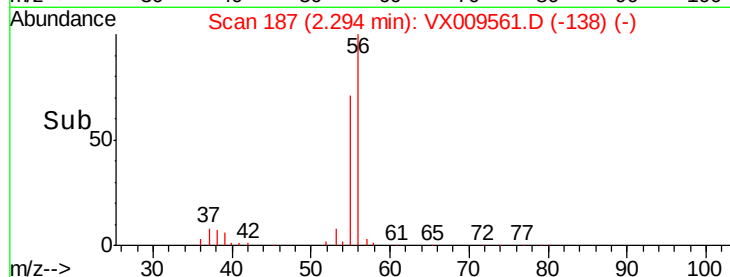
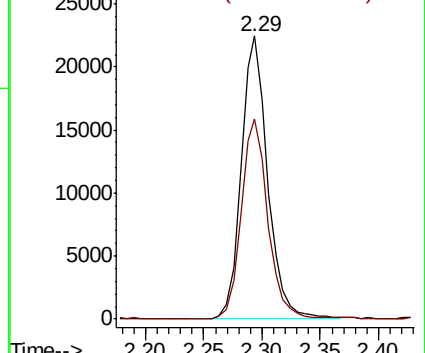
56 100

55 72.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.868 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

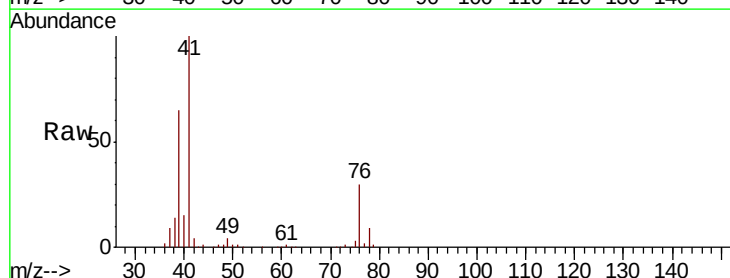
Tgt Ion: 41 Resp: 78352

Ion Ratio Lower Upper

41 100

39 60.7 46.7 70.1

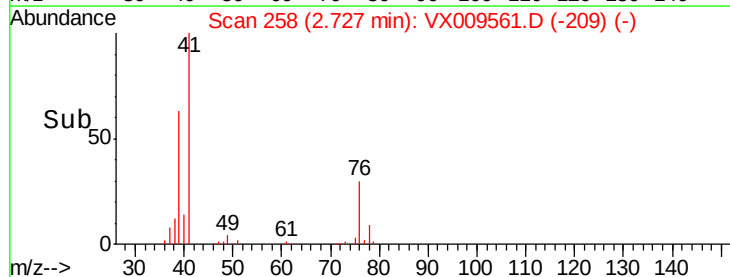
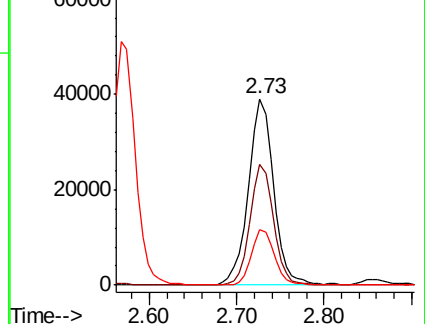
76 27.0 21.8 32.8

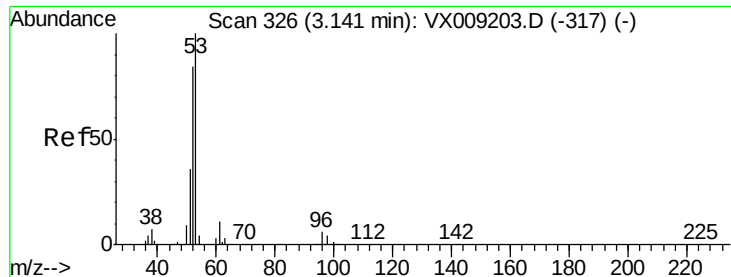


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 104.845 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

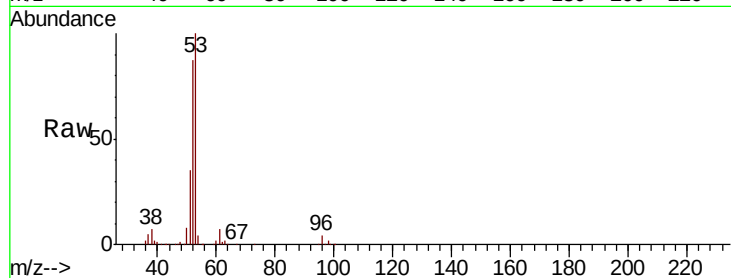
Tot Ion: 53 Resp: 133015

Ion Ratio Lower Upper

53 100

52 84.5 66.9 100.3

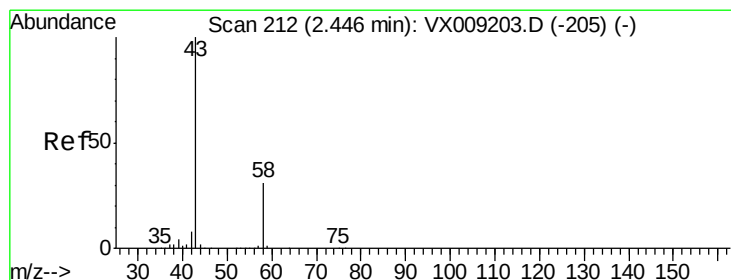
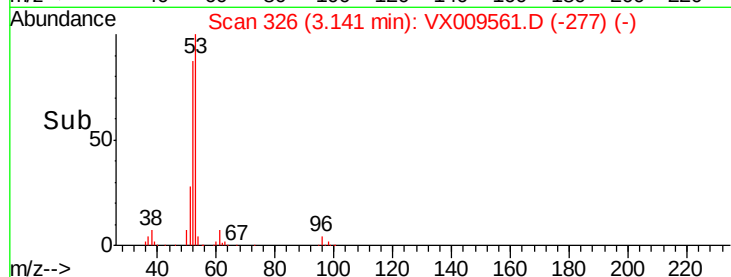
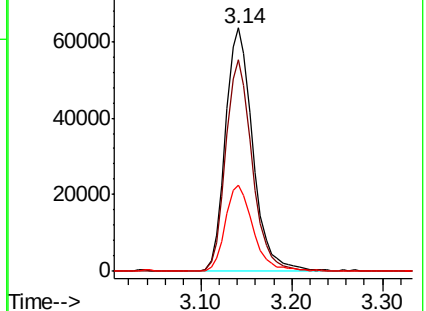
51 36.3 28.2 42.2



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: 110.511 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009561.D

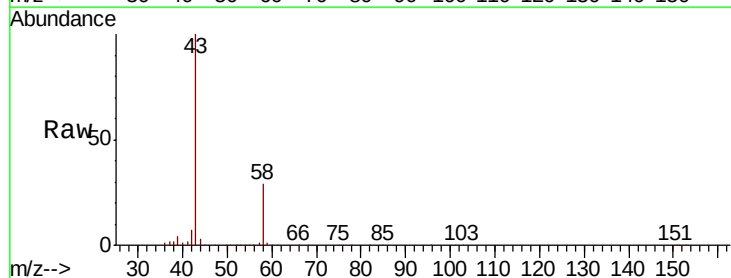
Acq: 14 May 2019 14:53

Tgt Ion: 43 Resp: 133016

Ion Ratio Lower Upper

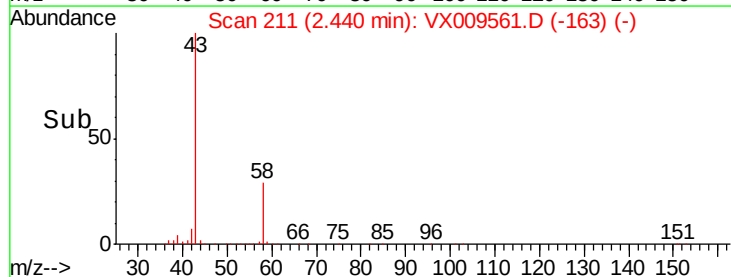
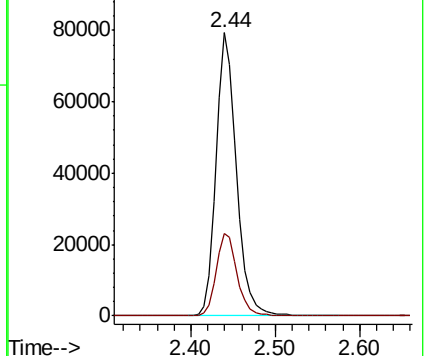
43 100

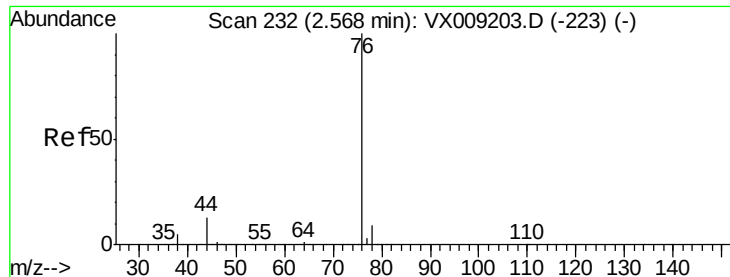
58 28.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

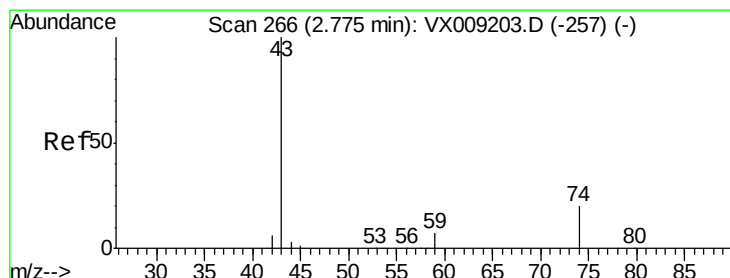
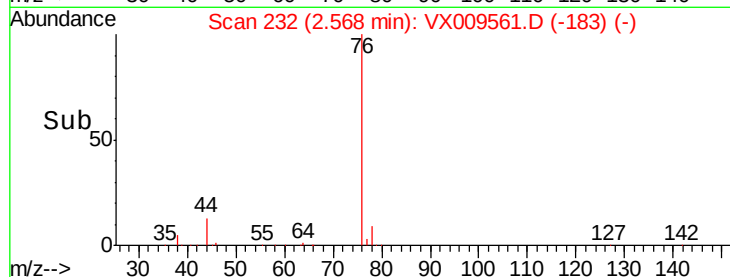
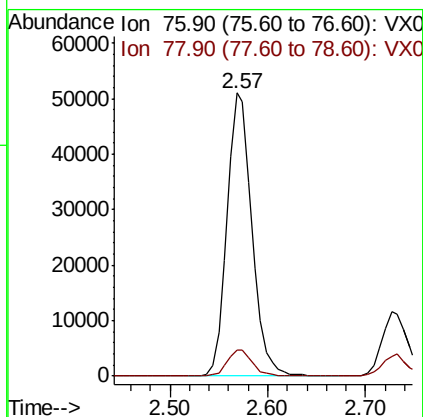
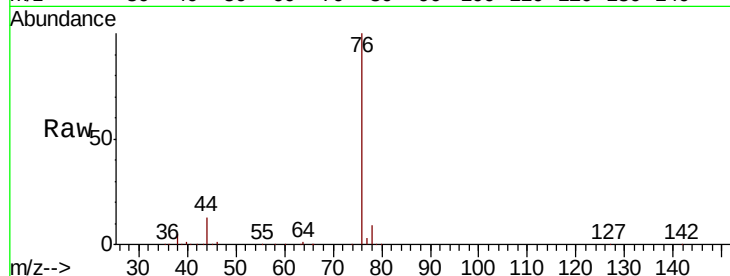




#17
Carbon Disulfide
Concen: 20.784 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

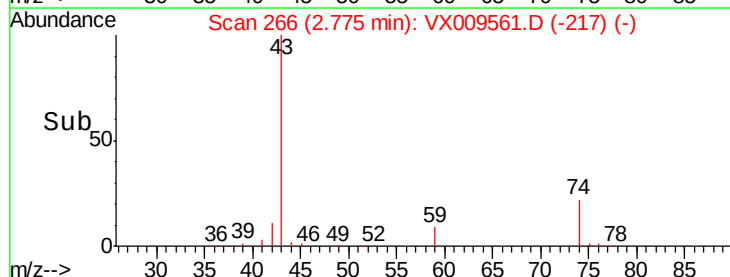
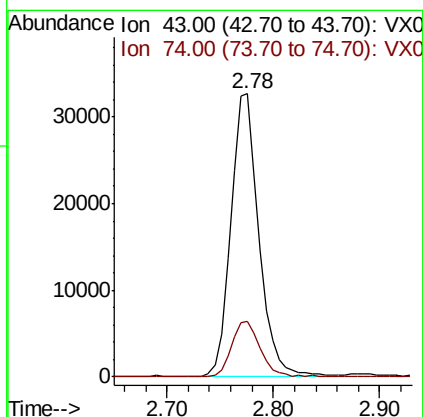
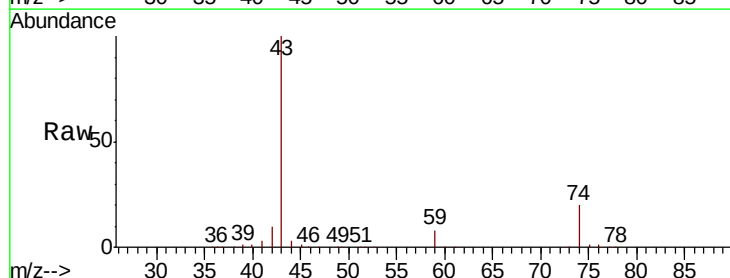
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

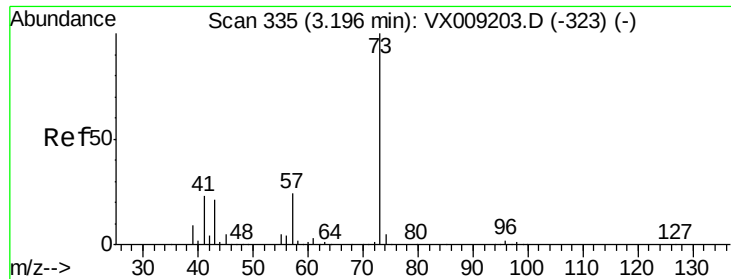
Tot Ion: 76 Resp: 89906
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 21.188 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 43 Resp: 60650
Ion Ratio Lower Upper
43 100
74 20.2 16.2 24.4

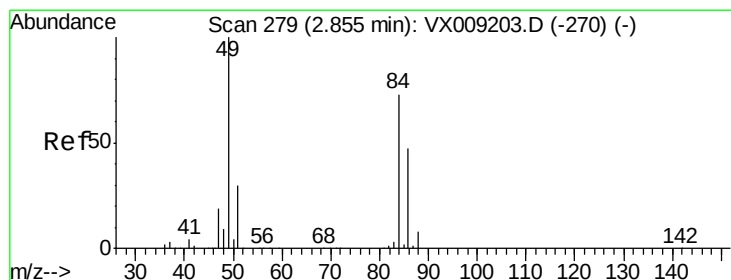
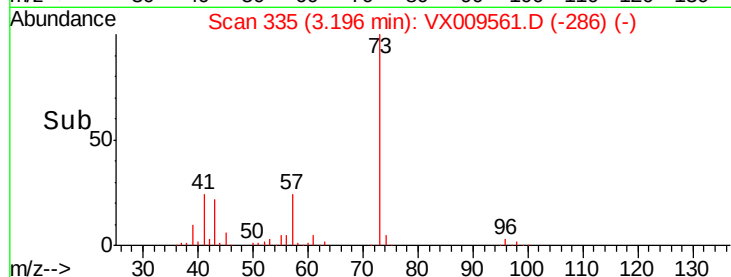
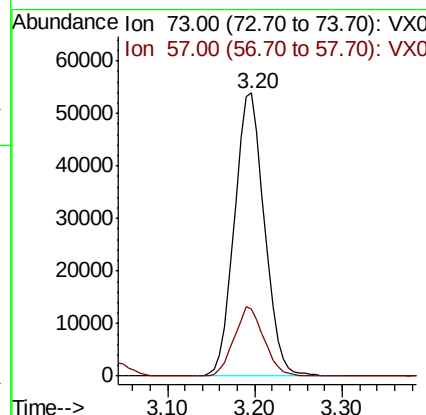
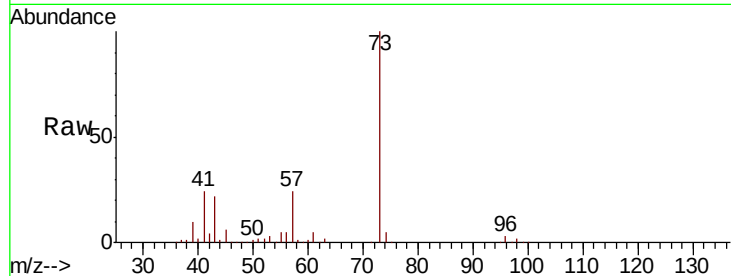




#19
Methvl tert-butyl Ether
Concen: 21.515 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

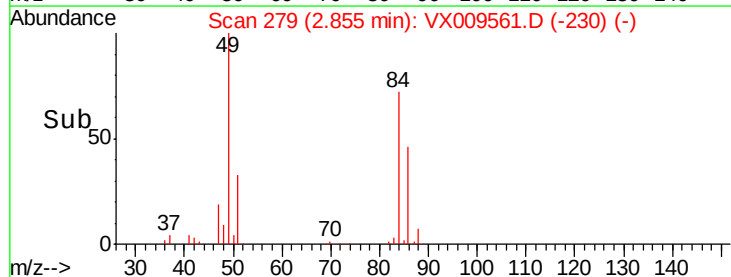
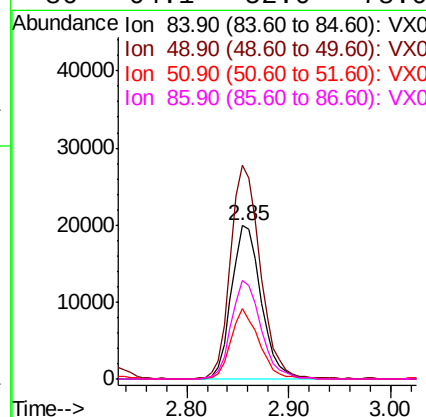
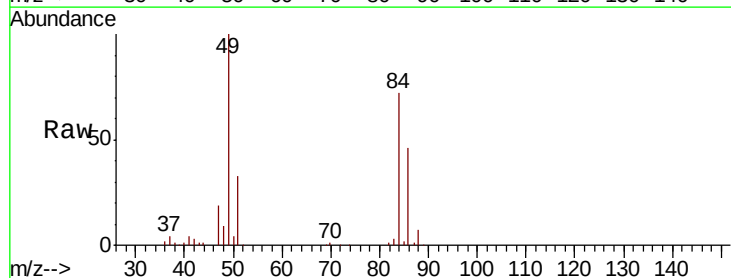
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

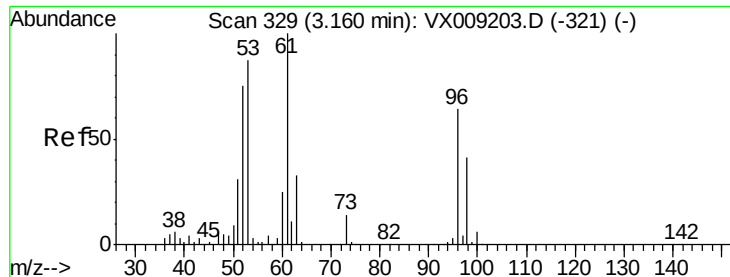
Tot Ion: 73 Resp: 128722
Ion Ratio Lower Upper
73 100
57 23.8 19.3 28.9



#20
Methylene Chloride
Concen: 20.544 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 84 Resp: 40037
Ion Ratio Lower Upper
84 100
49 139.6 109.9 164.9
51 45.8 32.7 49.1
86 64.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 21.105 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

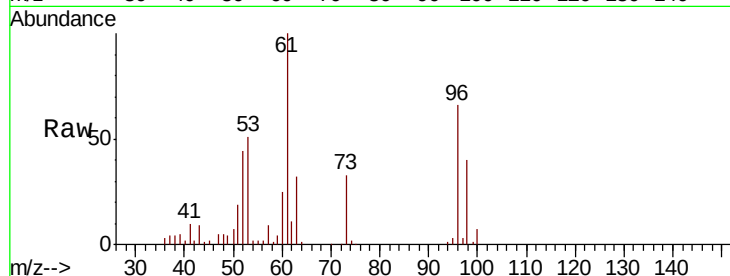
Tot Ion: 96 Resp: 35264

Ion Ratio Lower Upper

96 100

61 150.2 124.5 186.7

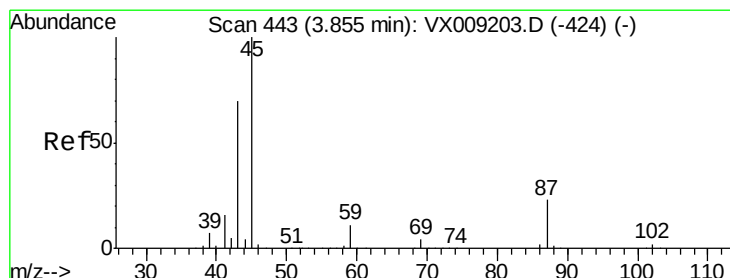
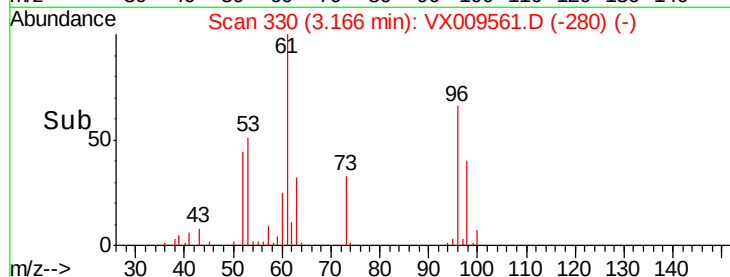
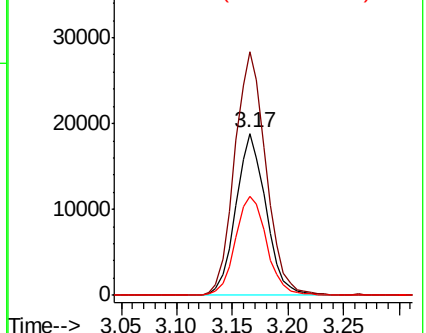
98 60.9 50.4 75.6



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: 21.696 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Tgt Ion: 45 Resp: 156659

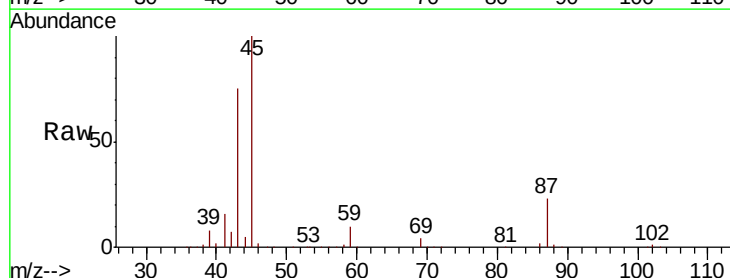
Ion Ratio Lower Upper

45 100

43 74.6 56.1 84.1

87 22.7 18.1 27.1

59 10.3 8.5 12.7

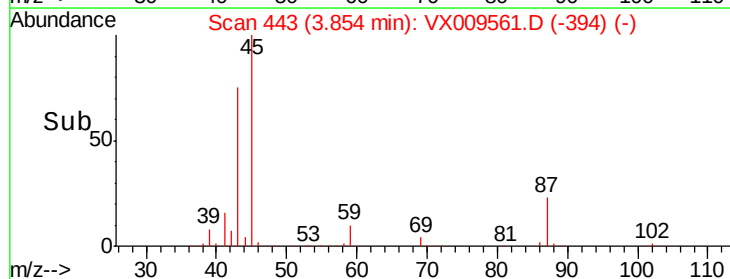
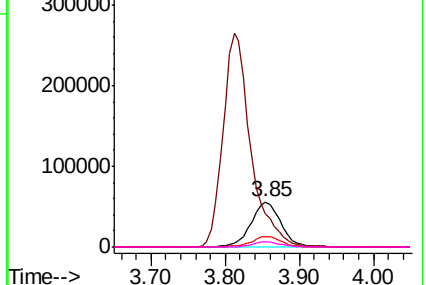


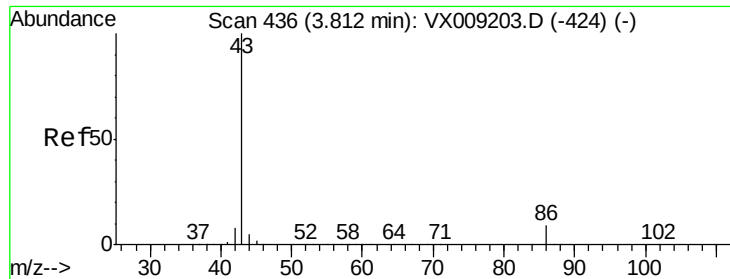
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 112.104 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

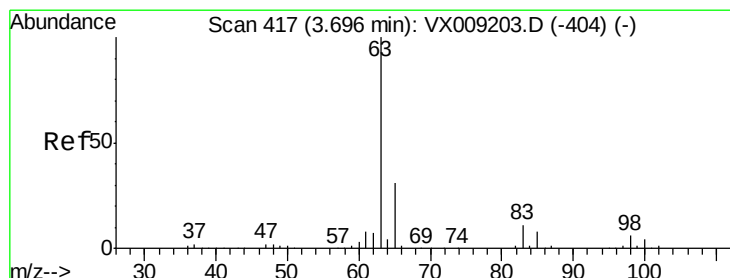
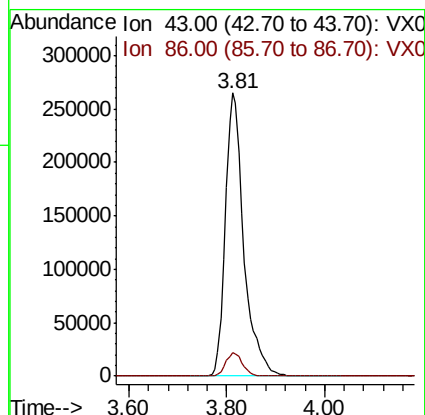
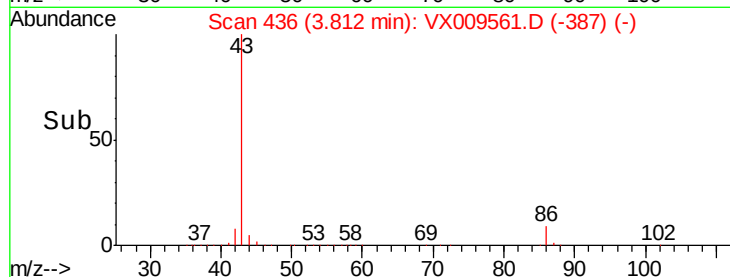
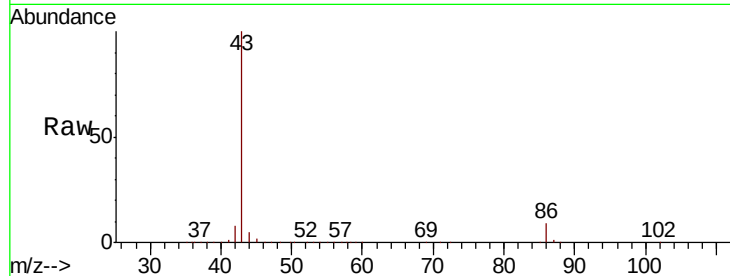
VX0514MBS01

Tot Ion: 43 Resp: 693165

Ion Ratio Lower Upper

43 100

86 8.5 6.9 10.3



#24

1,1-Dichloroethane

Concen: 21.267 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

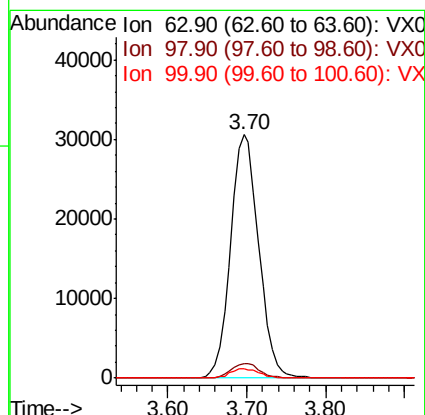
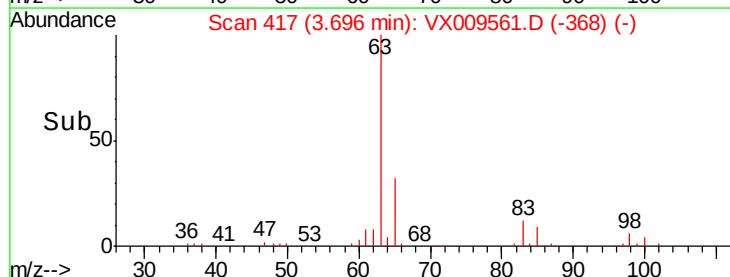
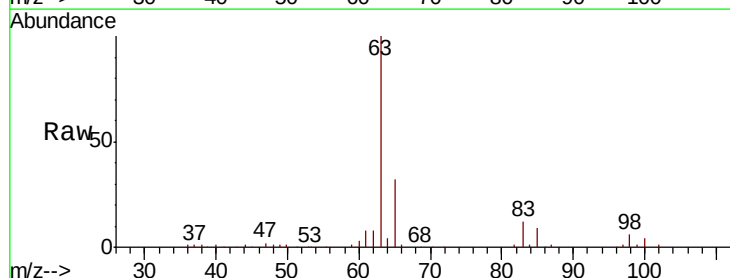
Tgt Ion: 63 Resp: 75756

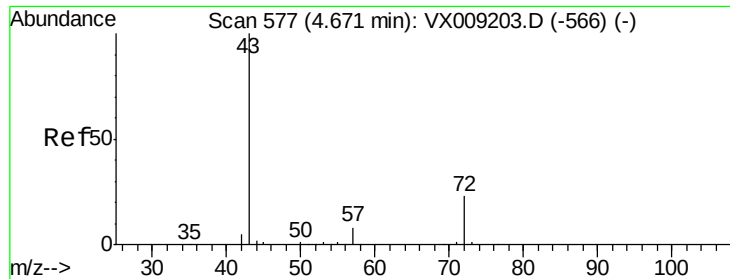
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 108.800 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

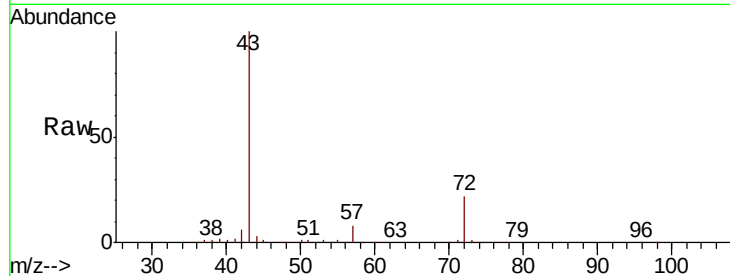
VX0514MBS01

Tot Ion: 43 Resp: 203502

Ion Ratio Lower Upper

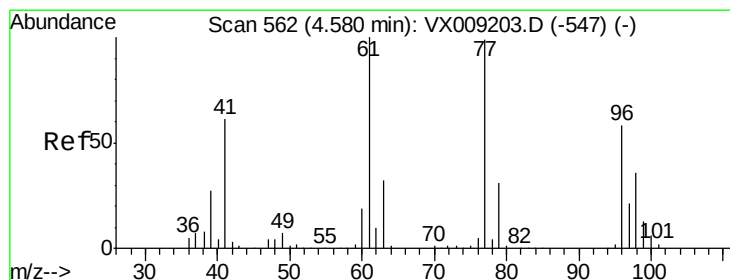
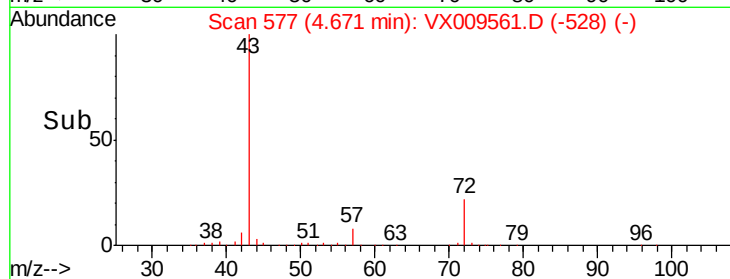
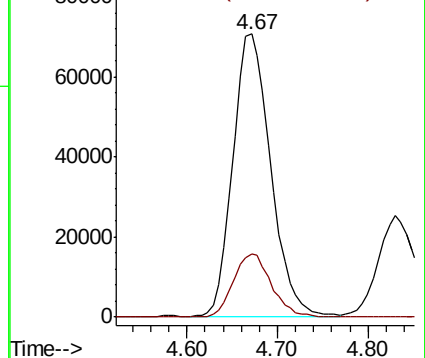
43 100

72 22.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.057 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009561.D

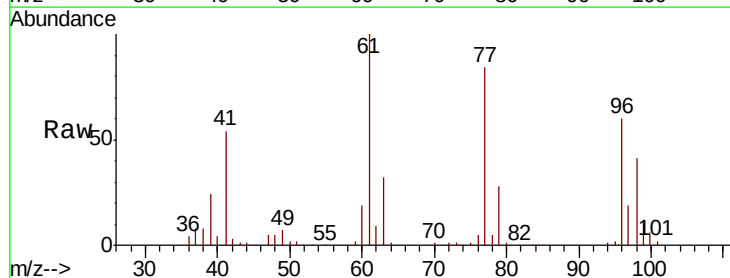
Acq: 14 May 2019 14:53

Tgt Ion: 77 Resp: 58482

Ion Ratio Lower Upper

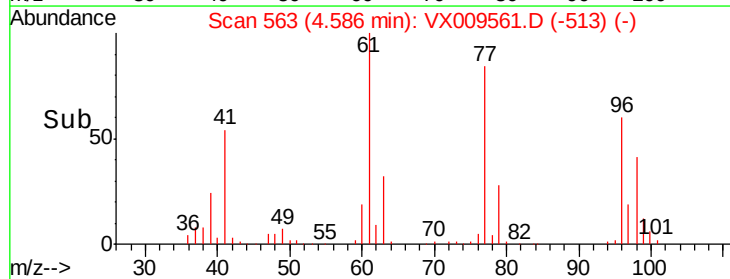
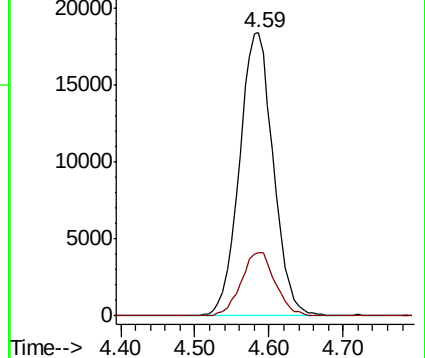
77 100

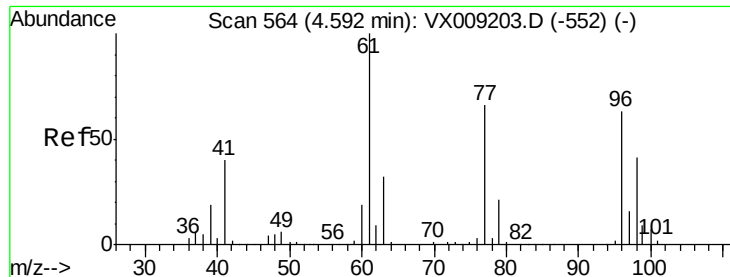
97 22.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



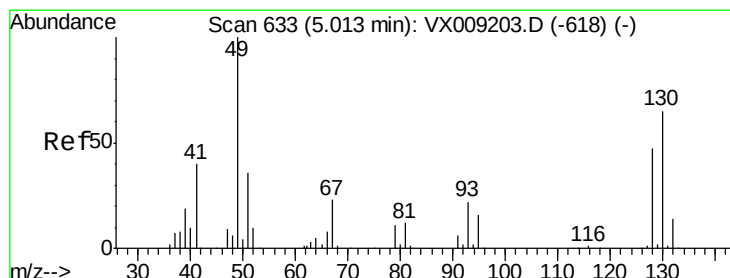
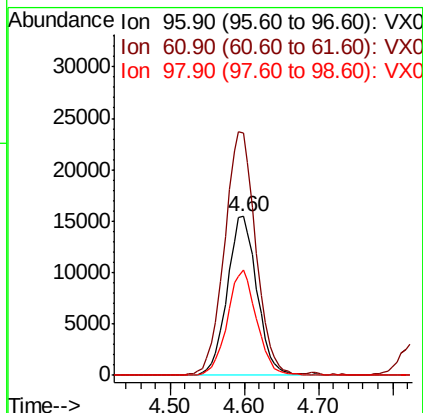
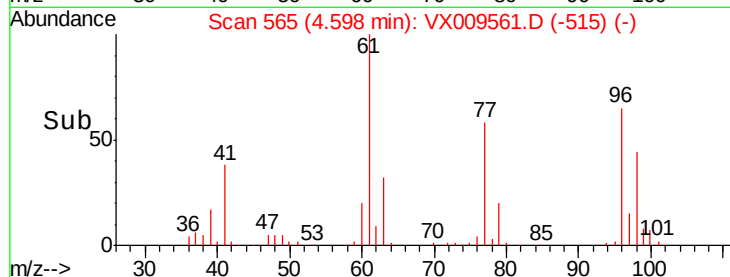
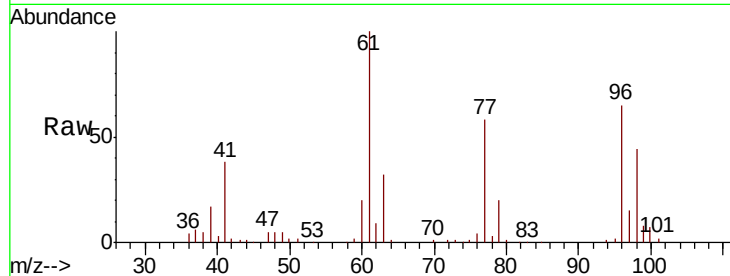


#27

cis-1,2-Dichloroethene
Concen: 21.700 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

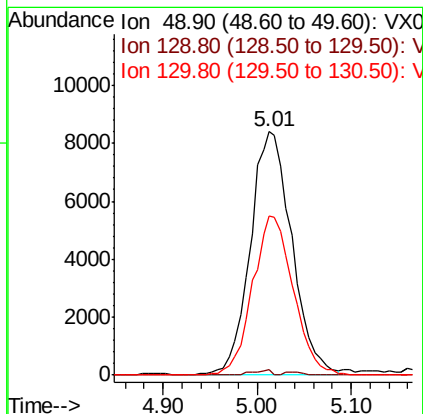
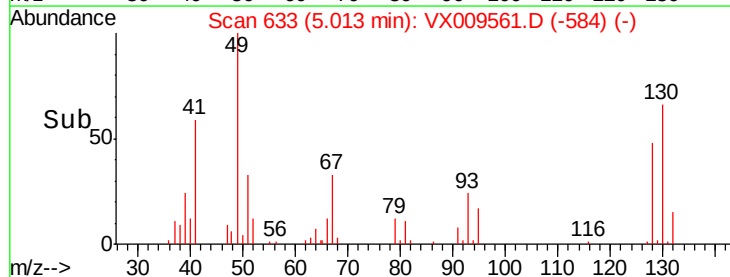
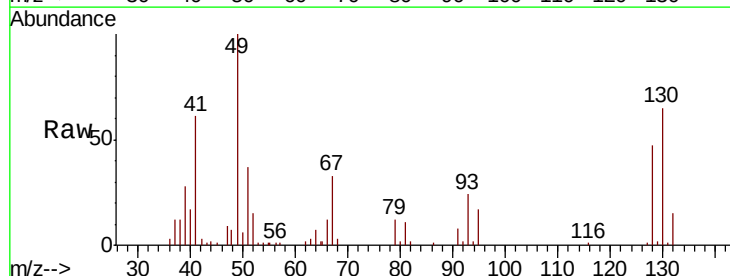
Tot Ion: 96 Resp: 43278
Ion Ratio Lower Upper
96 100
61 160.4 0.0 324.0
98 65.2 0.0 130.4

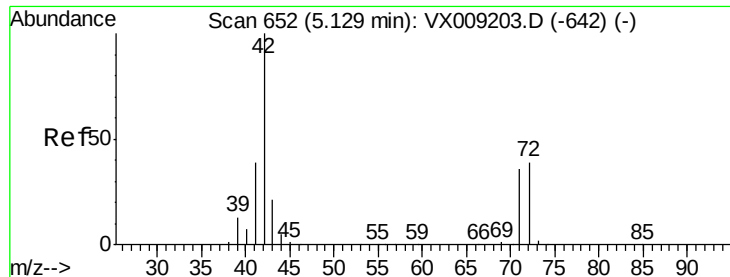


#28

Bromochloromethane
Concen: 16.198 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 49 Resp: 25883
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 64.2 51.2 76.8

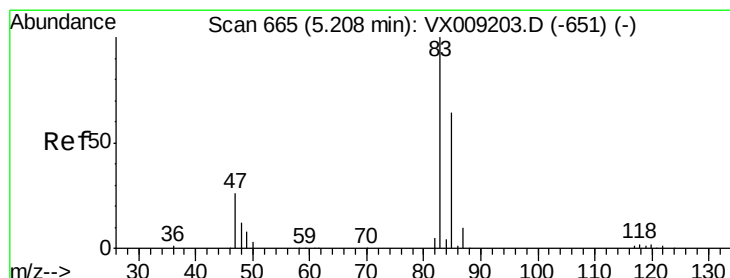
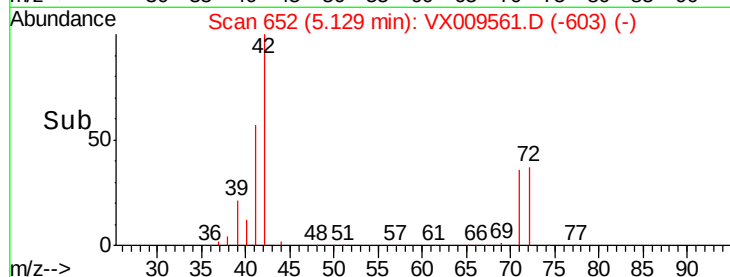
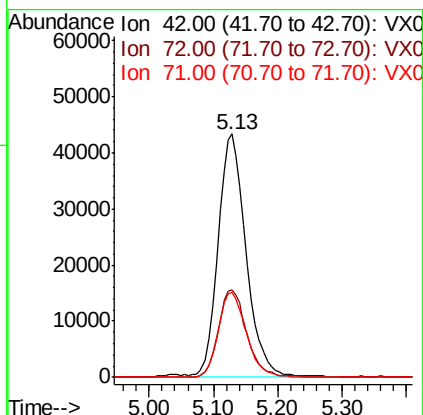
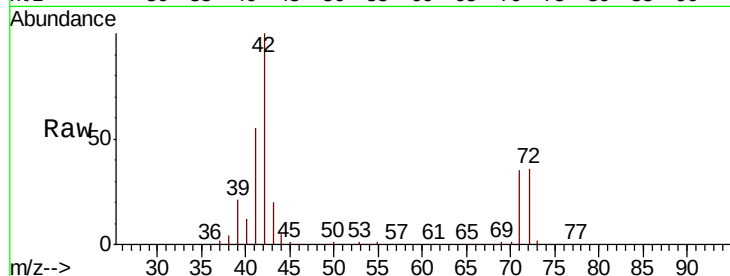




#29
Tetrahydrofuran
Concen: 109.396 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

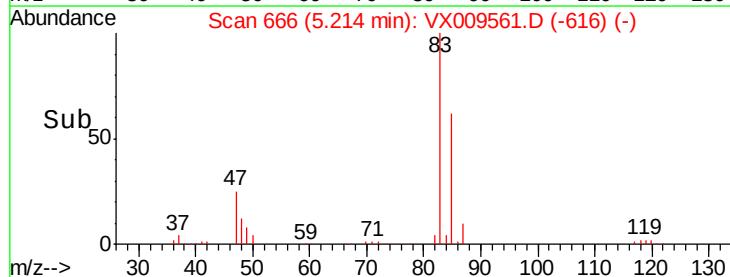
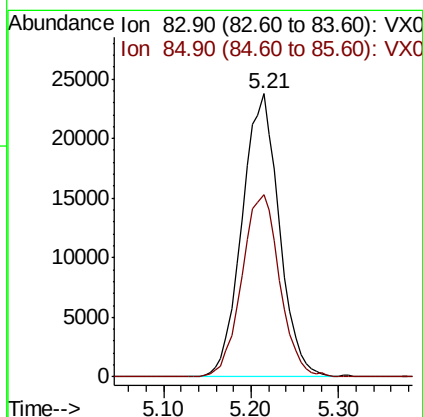
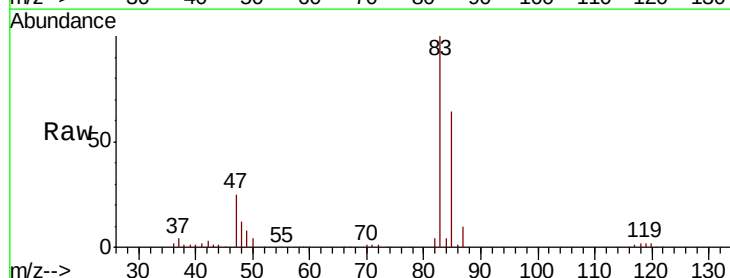
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

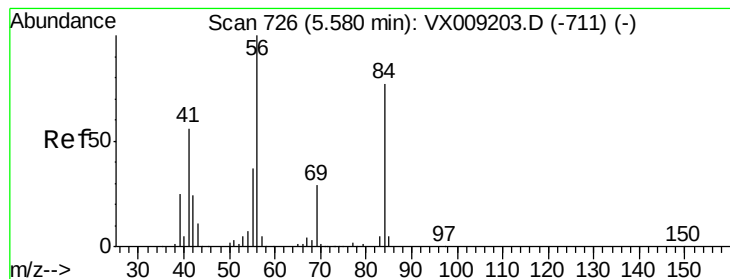
Tot Ion: 42 Resp: 131670
Ion Ratio Lower Upper
42 100
72 36.9 30.4 45.6
71 35.6 28.6 43.0



#30
Chloroform
Concen: 21.731 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 83 Resp: 70011
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3





#31

Cyclohexane

Concen: 21.727 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

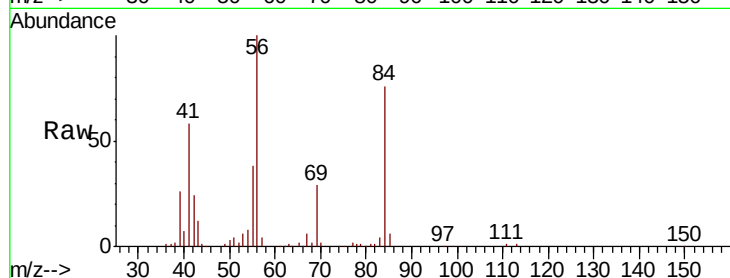
Tot Ion: 56 Resp: 72005

Ion Ratio Lower Upper

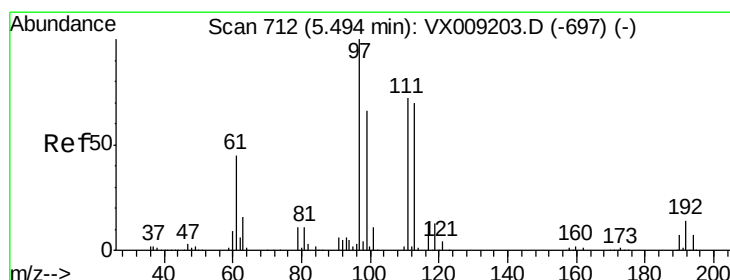
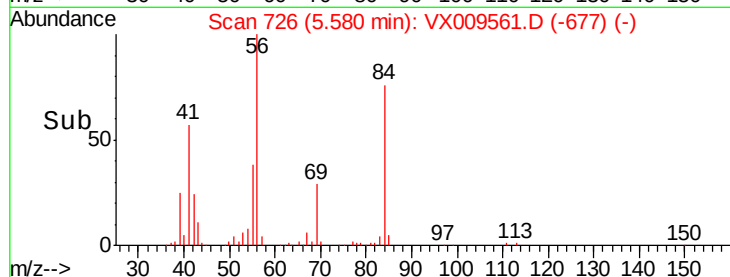
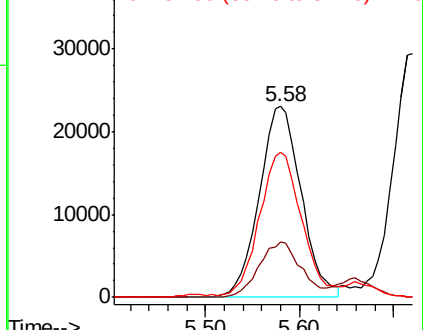
56 100

69 28.8 23.4 35.0

84 75.0 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: 21.678 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

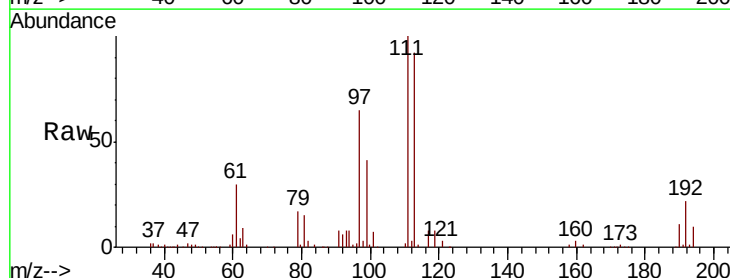
Tgt Ion: 97 Resp: 58138

Ion Ratio Lower Upper

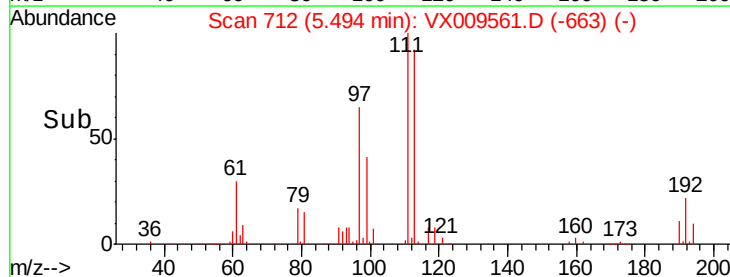
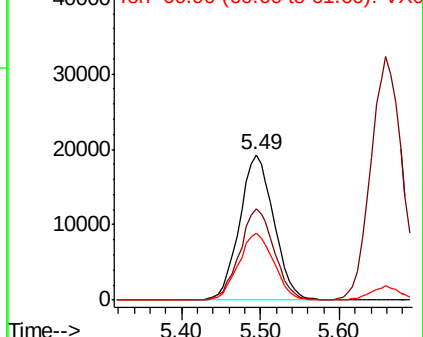
97 100

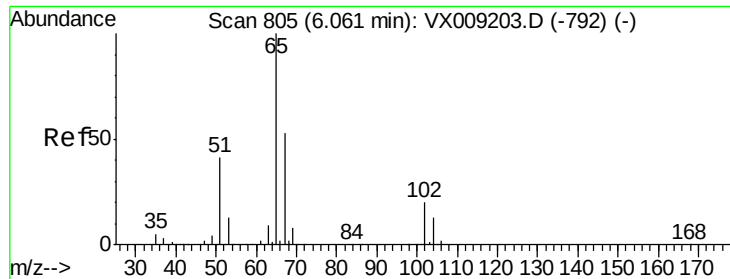
99 63.2 51.8 77.8

61 47.8 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

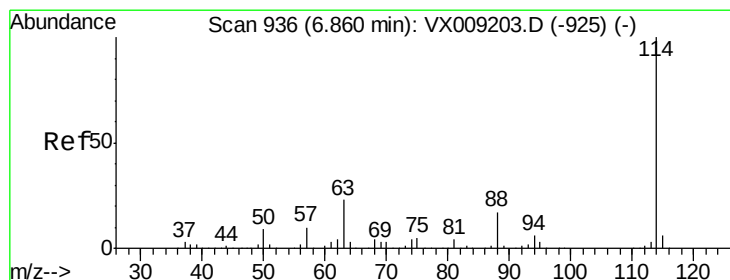
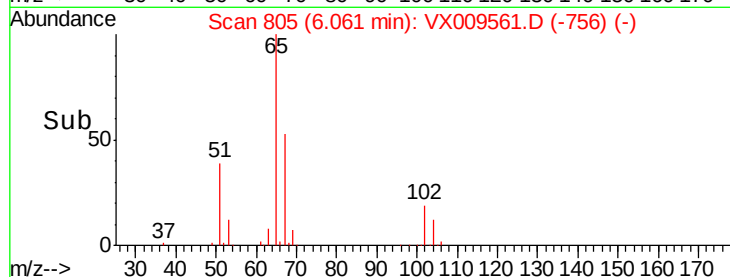
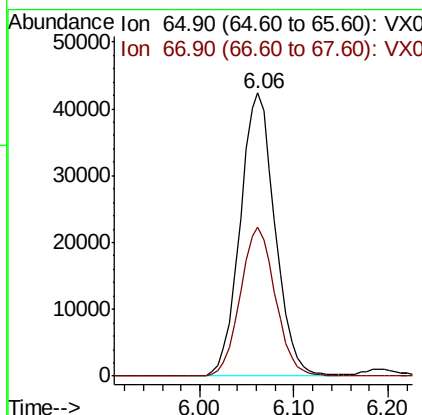
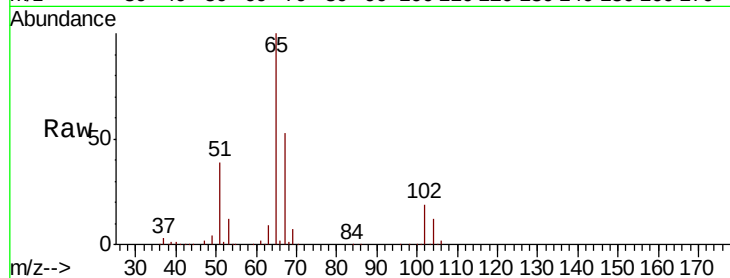




#33
 1,2-Dichloroethane-d4
 Concen: 48.958 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

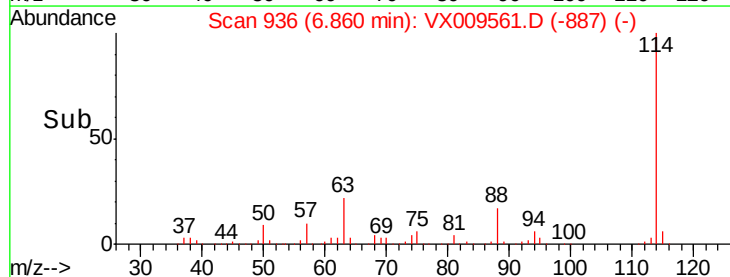
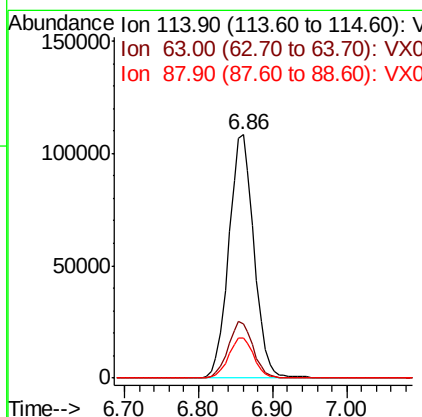
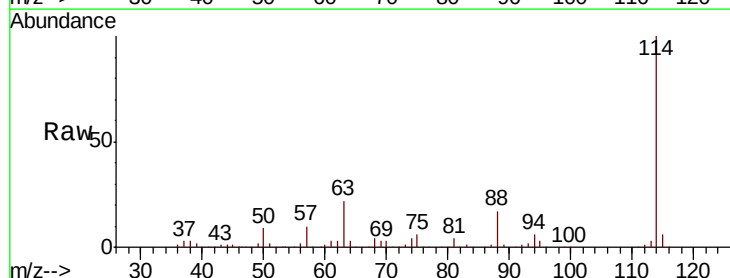
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

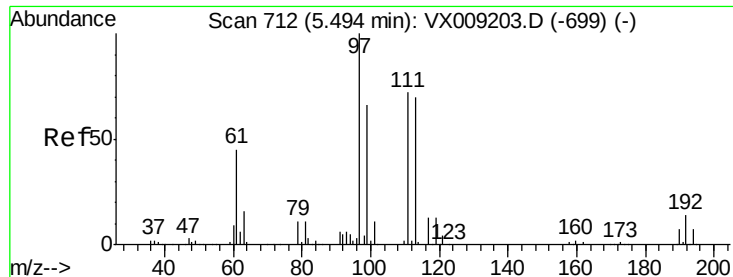
Tot Ion: 65 Resp: 109743
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion: 114 Resp: 255963
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.6
 88 16.7 0.0 33.2

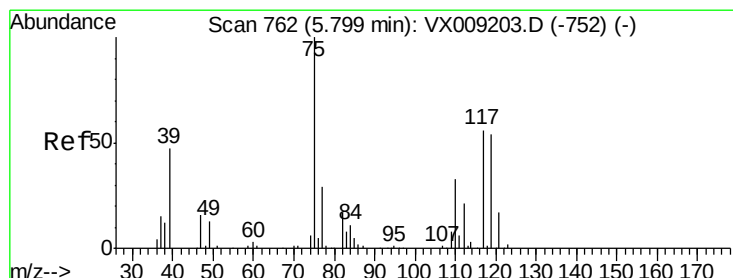
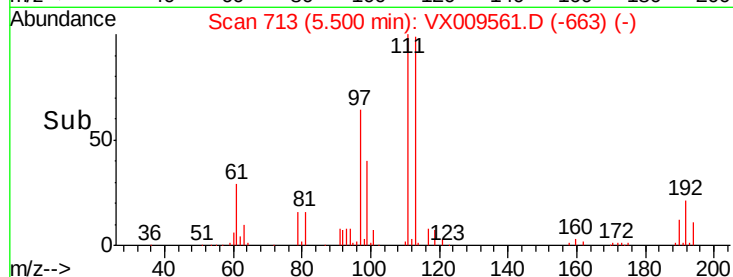
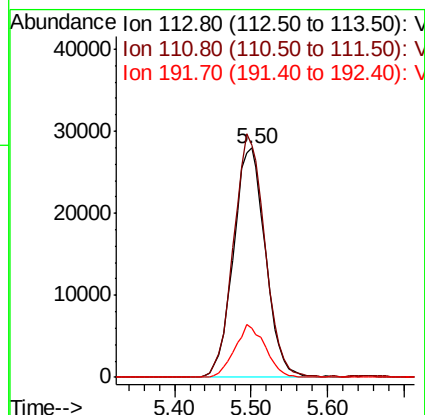
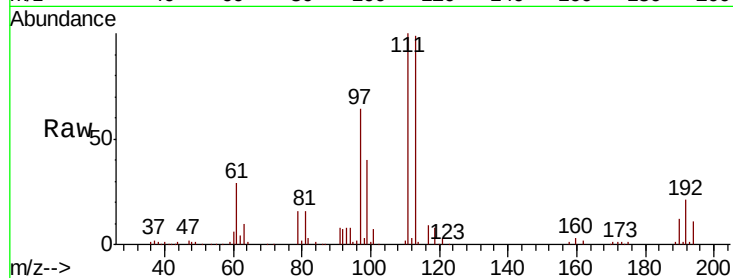




#35
 Dibromofluoromethane
 Concen: 50.410 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

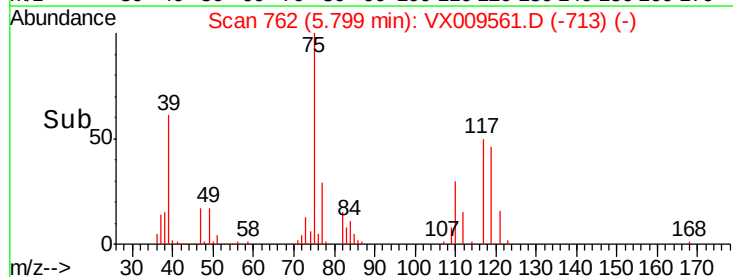
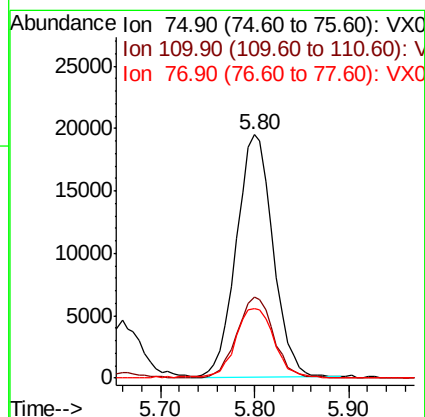
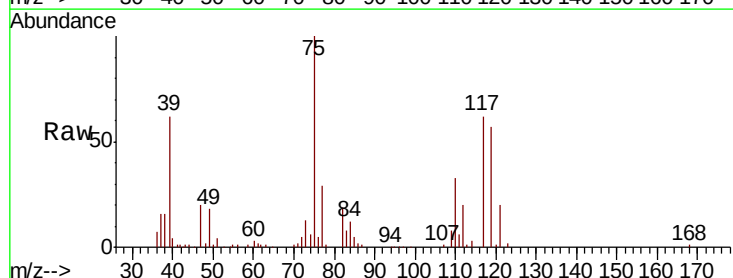
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

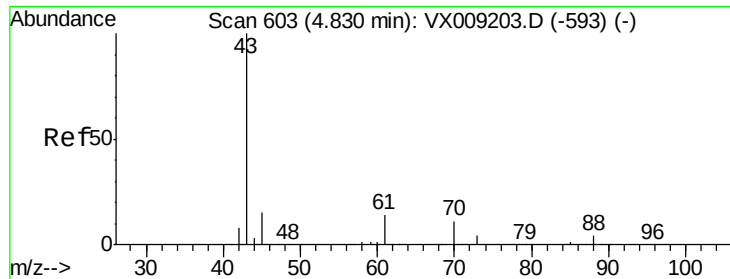
Tot Ion:113 Resp: 81114
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 22.202 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion: 75 Resp: 52812
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.9 50.6
 77 30.4 24.8 37.2

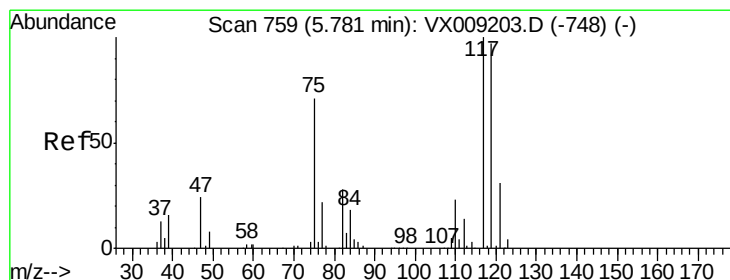
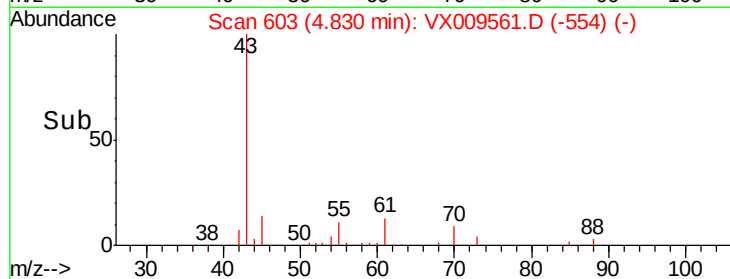
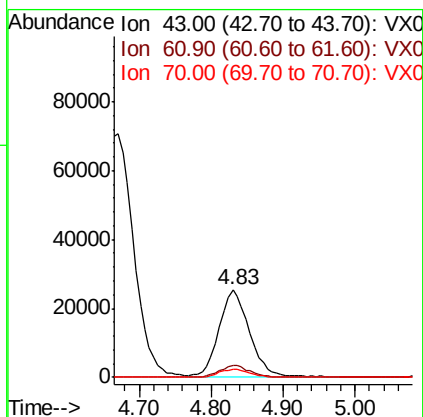
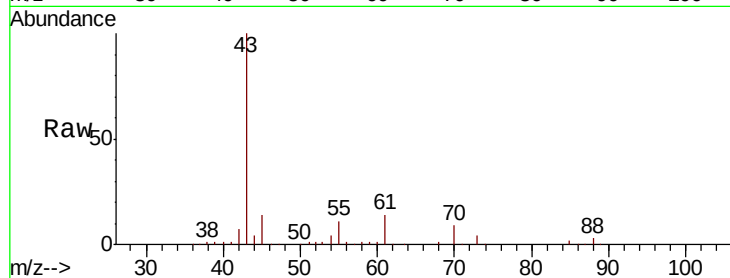




#37
Ethyl Acetate
Concen: 22.329 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

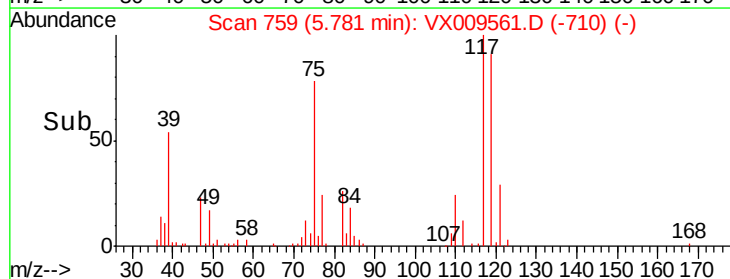
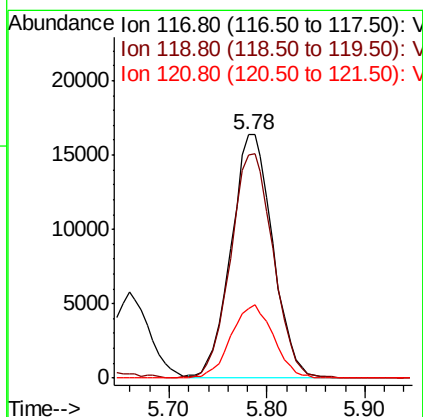
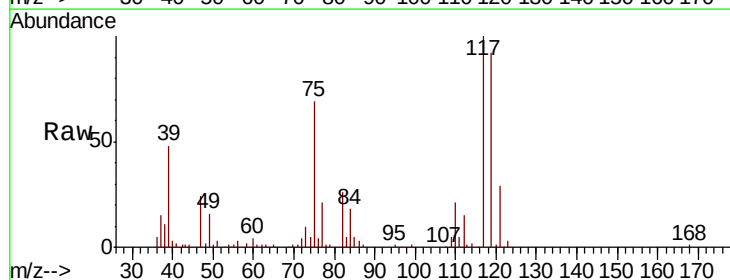
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

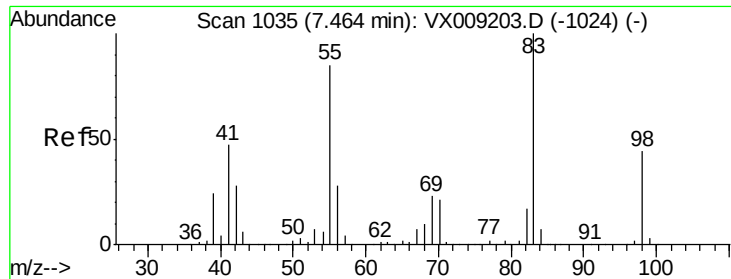
Tot Ion: 43 Resp: 74004
Ion Ratio Lower Upper
43 100
61 14.1 10.5 15.7
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 22.370 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 117 Resp: 48345
Ion Ratio Lower Upper
117 100
119 91.6 77.5 116.3
121 28.8 24.7 37.1

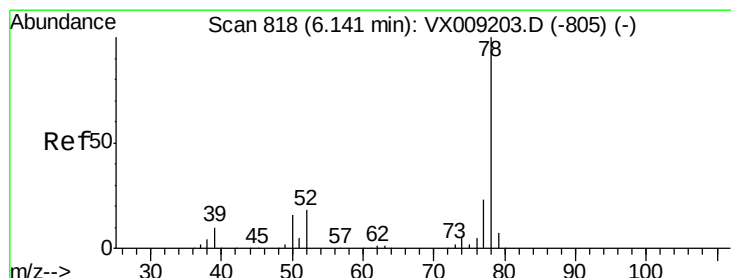
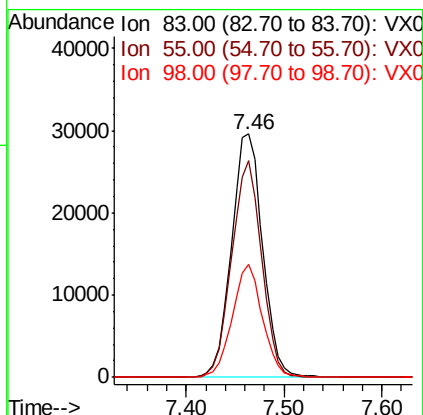
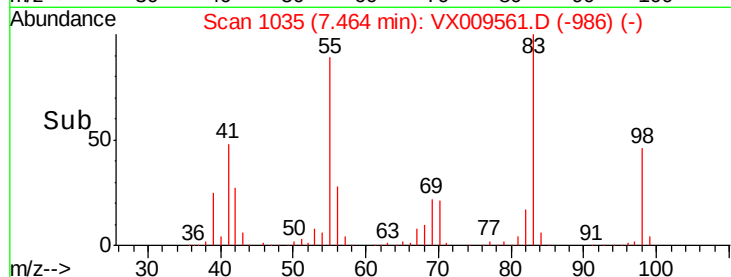
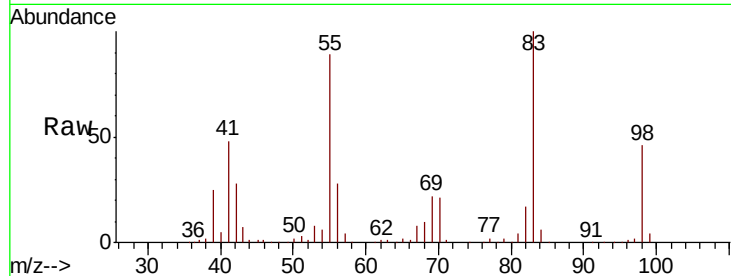




#39
Methylvlcyclohexane
Concen: 22.370 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

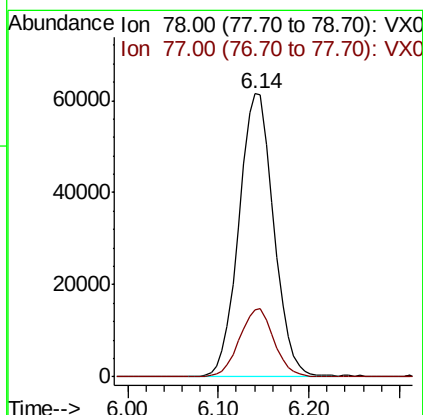
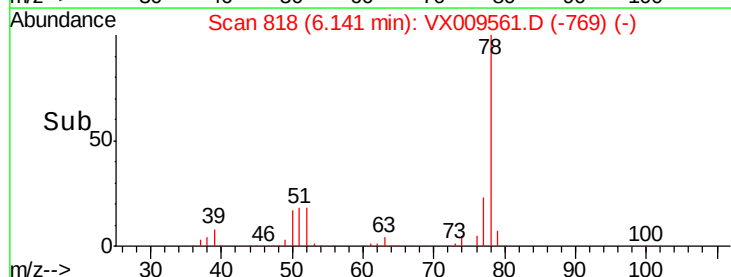
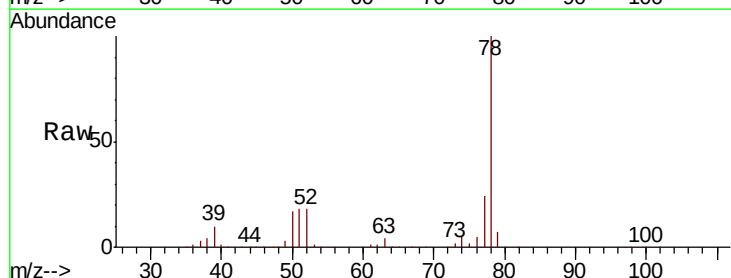
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

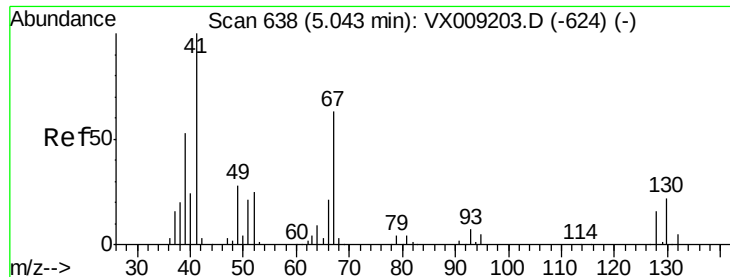
Tot Ion: 83 Resp: 65350
Ion Ratio Lower Upper
83 100
55 89.2 67.7 101.5
98 46.2 35.5 53.3



#40
Benzene
Concen: 22.242 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 78 Resp: 163740
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 21.177 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

Tot Ion: 41 Resp: 41780

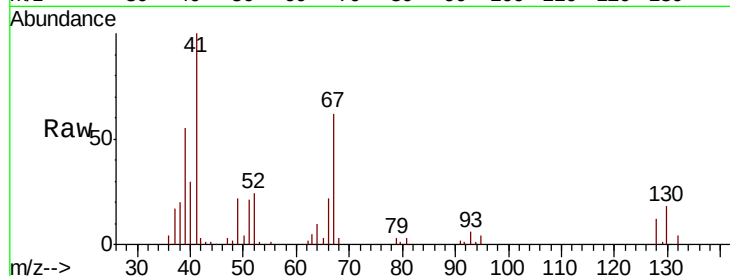
Ion Ratio Lower Upper

41 100

39 55.4 42.0 63.0

67 63.0 49.8 74.8

52 26.7 20.3 30.5

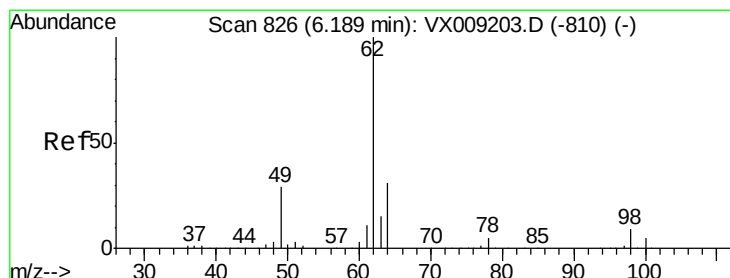
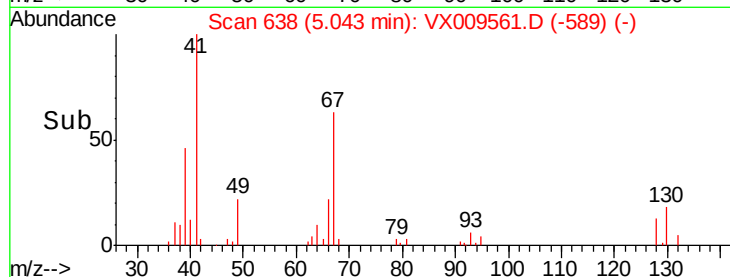
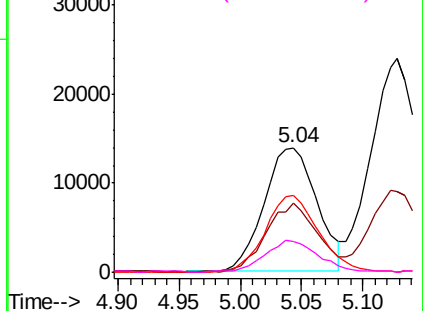


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.650 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009561.D

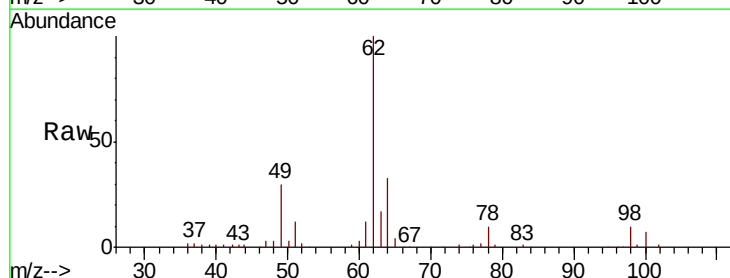
Acq: 14 May 2019 14:53

Tgt Ion: 62 Resp: 59813

Ion Ratio Lower Upper

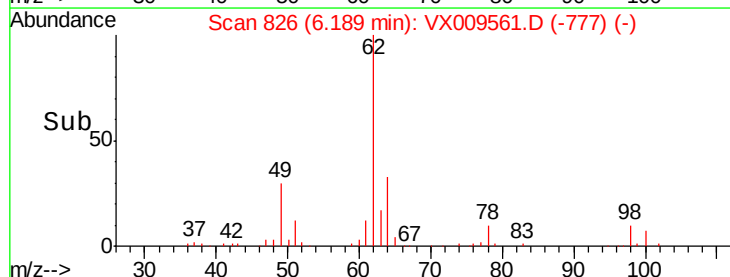
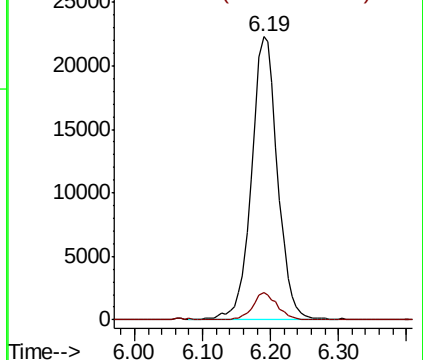
62 100

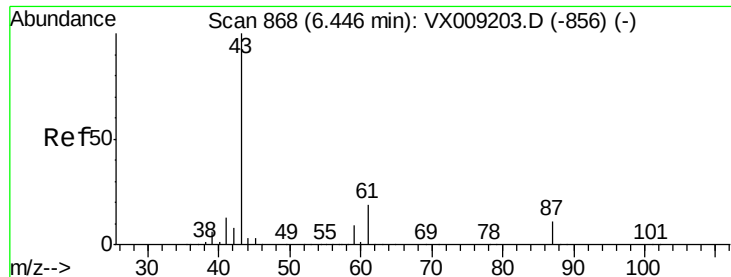
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.269 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

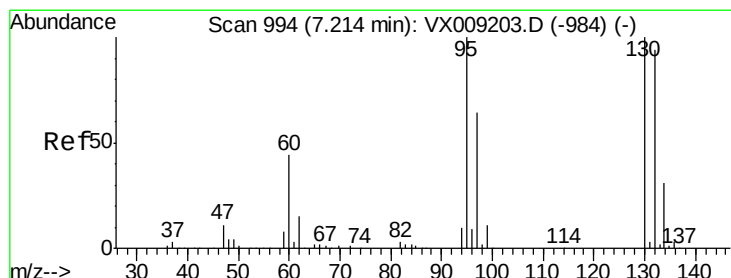
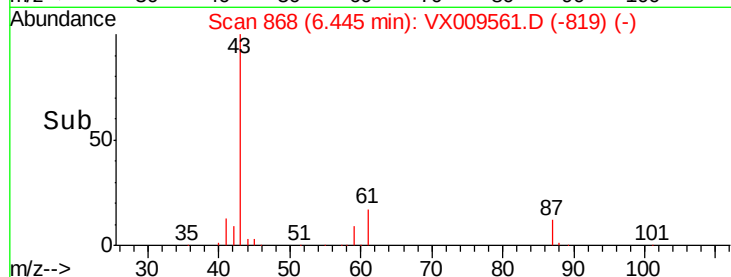
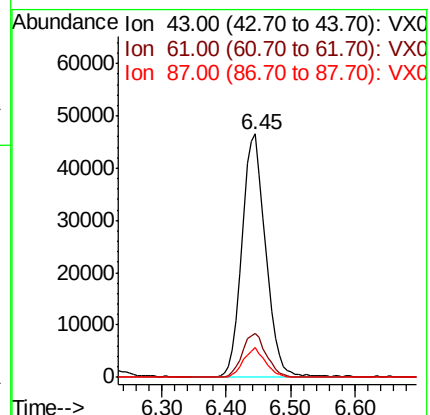
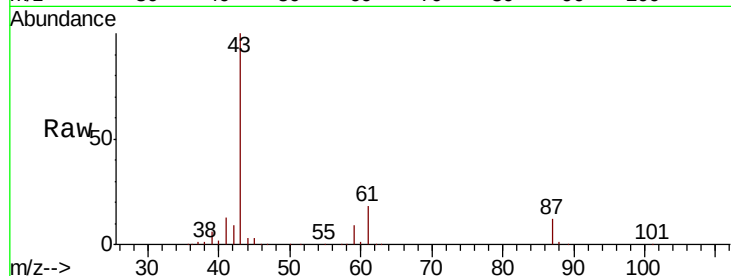
Tot Ion: 43 Resp: 118055

Ion Ratio Lower Upper

43 100

61 18.5 15.1 22.7

87 11.3 9.0 13.6



#44

Trichloroethene

Concen: 22.046 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009561.D

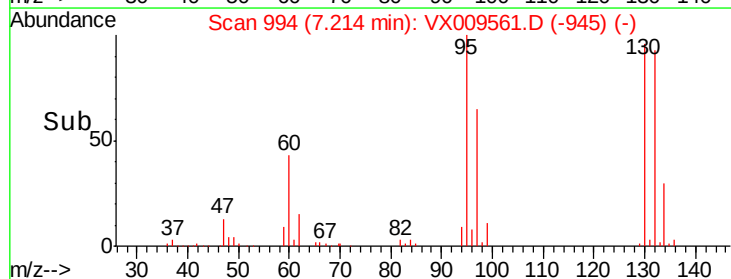
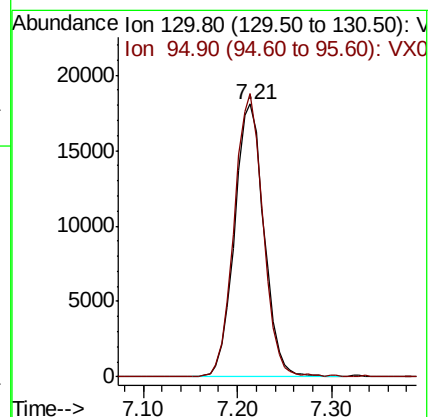
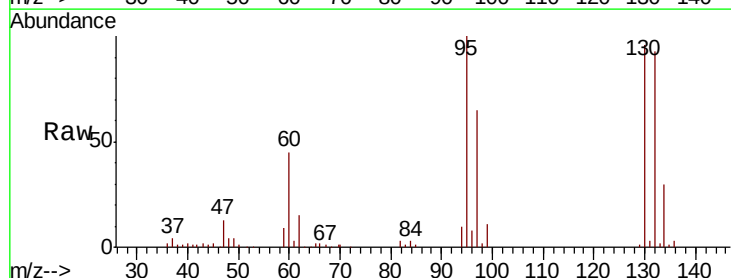
Acq: 14 May 2019 14:53

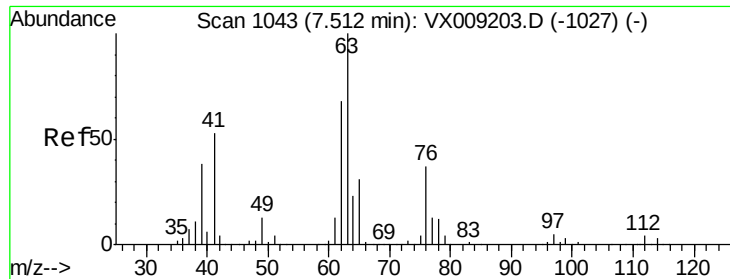
Tgt Ion:130 Resp: 39235

Ion Ratio Lower Upper

130 100

95 103.7 0.0 199.2

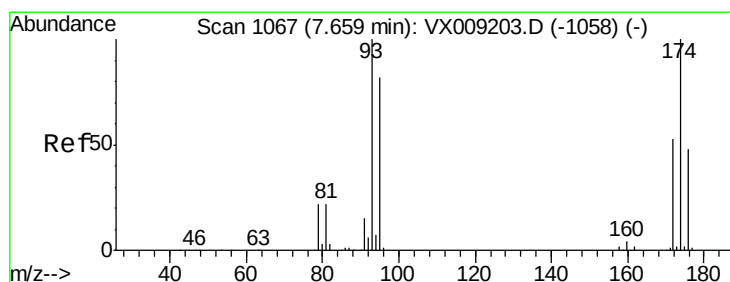
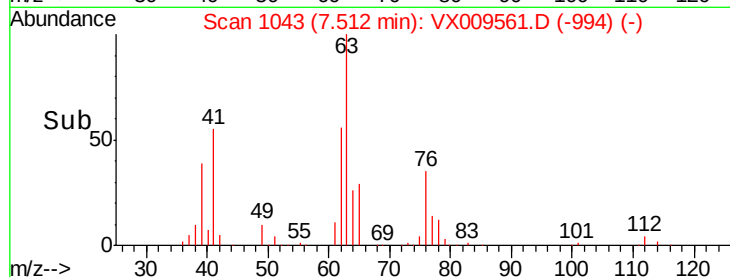
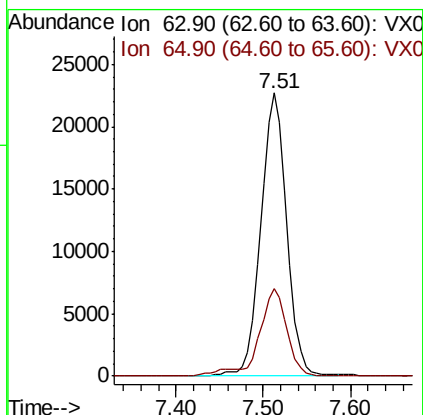
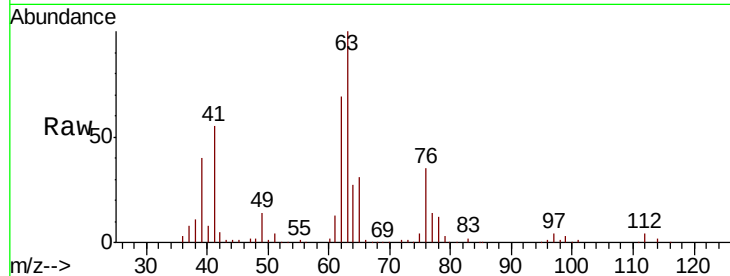




#45
 1,2-Dichloropropane
 Concen: 22.555 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

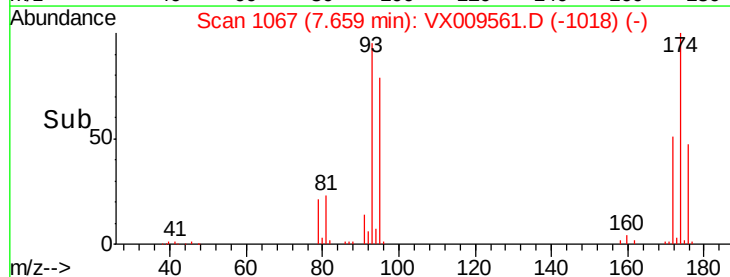
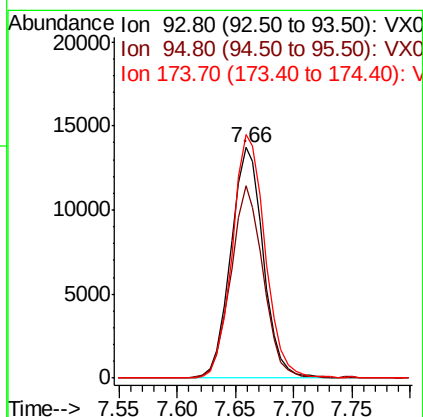
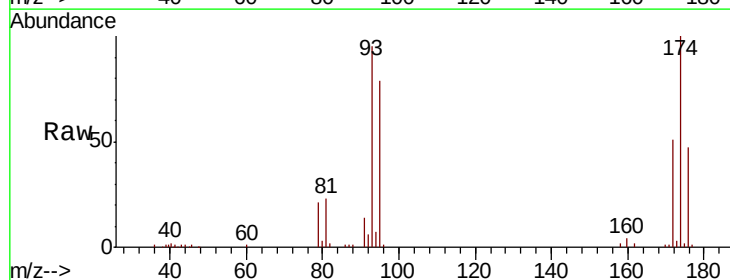
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

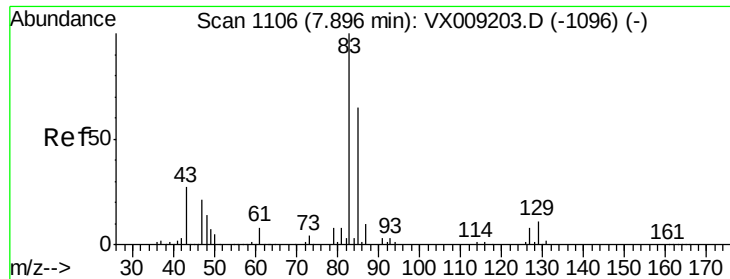
Tot Ion: 63 Resp: 47016
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 21.930 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion: 93 Resp: 26546
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.5 99.7
 174 107.2 82.1 123.1





#47

Bromodichloromethane

Concen: 21.909 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

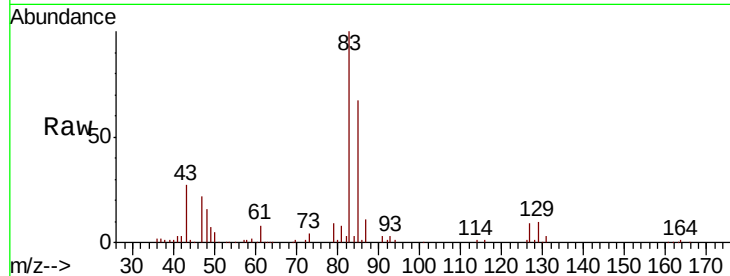
Tot Ion: 83 Resp: 52901

Ion Ratio Lower Upper

83 100

85 67.4 52.4 78.6

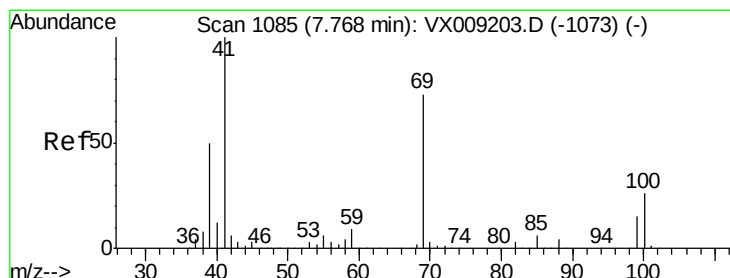
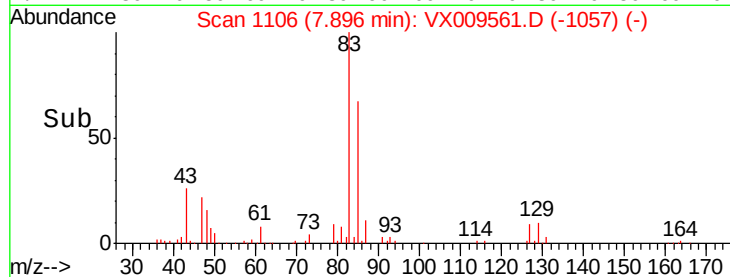
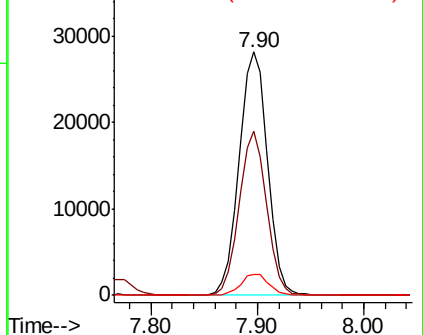
127 8.6 6.6 10.0



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: 22.760 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

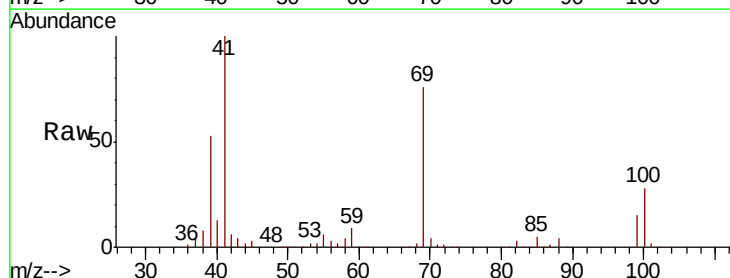
Tgt Ion: 41 Resp: 59861

Ion Ratio Lower Upper

41 100

69 73.2 59.1 88.7

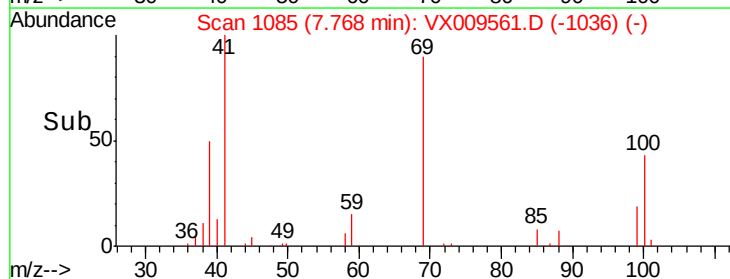
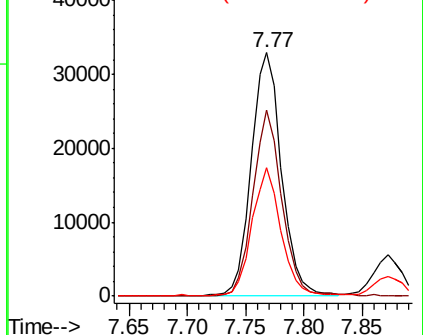
39 49.6 40.4 60.6

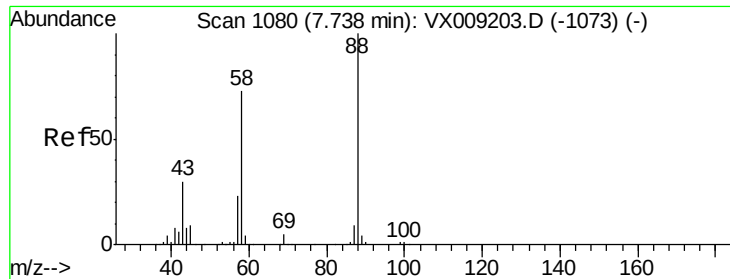


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

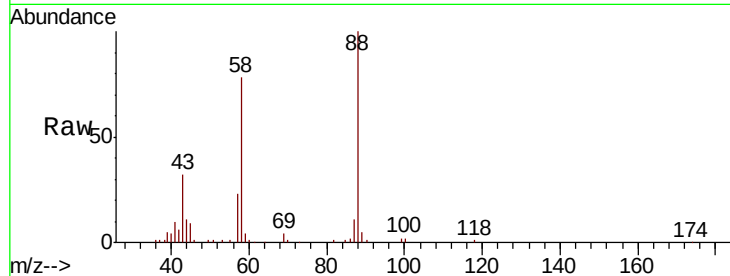




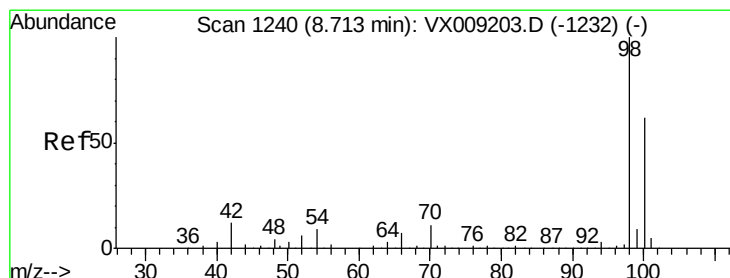
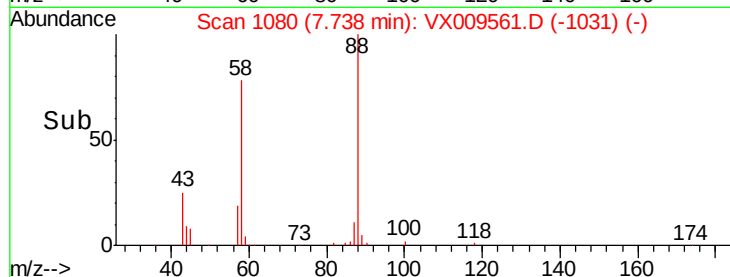
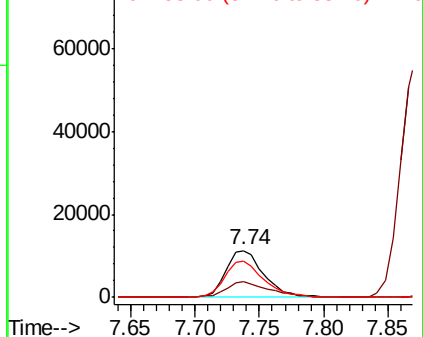
#49
1,4-Dioxane
Concen: 435.561 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

Tot Ion: 88 Resp: 23232
Ion Ratio Lower Upper
88 100
43 36.0 28.6 42.8
58 79.9 61.7 92.5

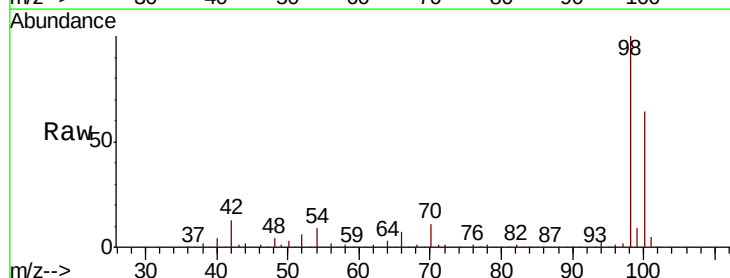


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

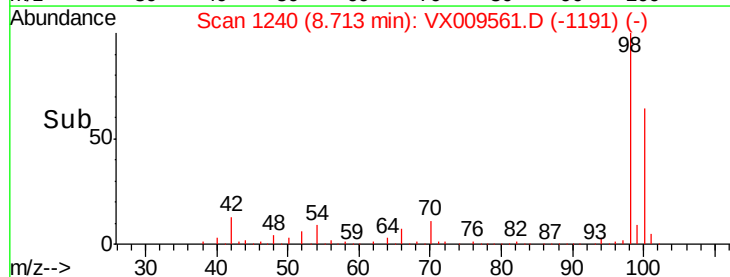
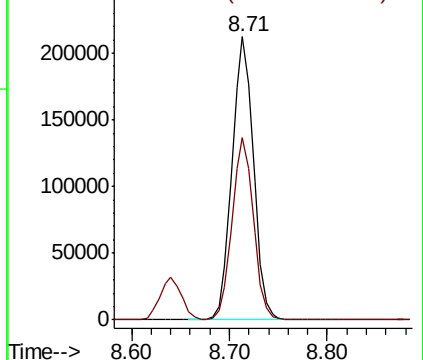


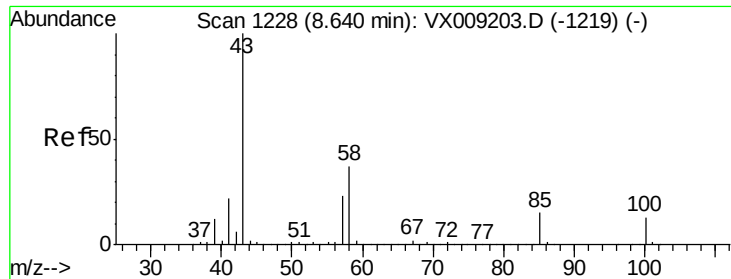
#50
Toluene-d8
Concen: 49.746 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 98 Resp: 323165
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 112.268 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

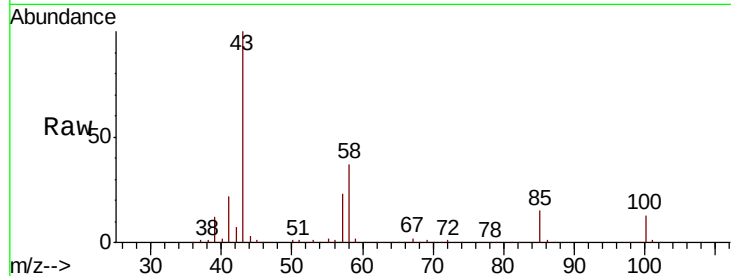
VX0514MBS01

Tot Ion: 43 Resp: 389012

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

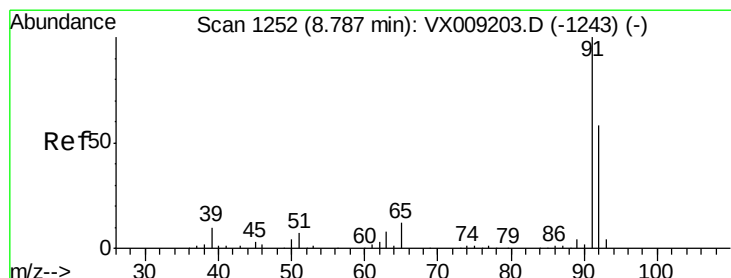
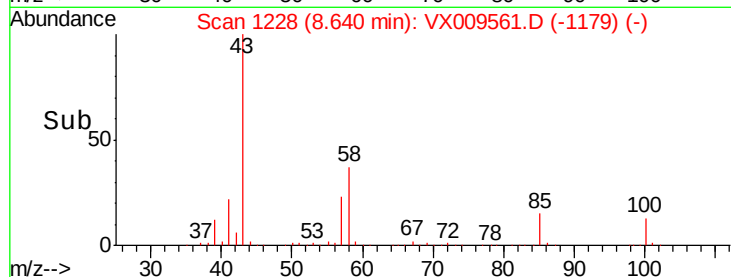
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.262 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009561.D

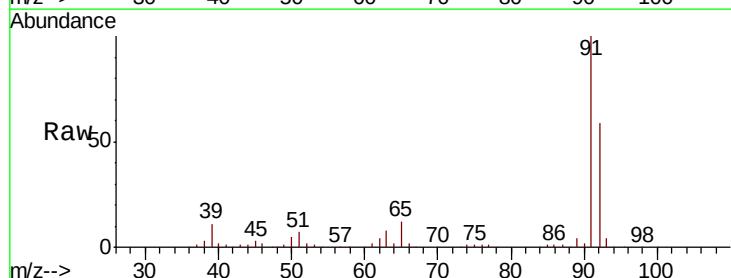
Acq: 14 May 2019 14:53

Tgt Ion: 92 Resp: 99620

Ion Ratio Lower Upper

92 100

91 172.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

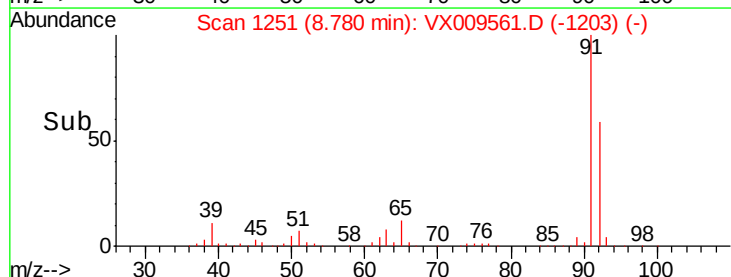
60000

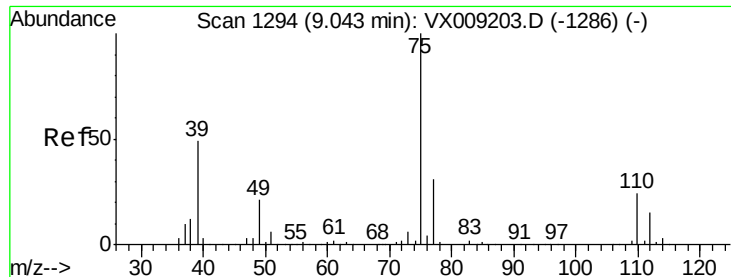
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 22.363 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

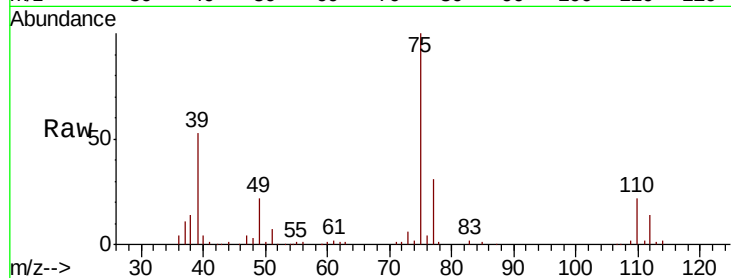
VX0514MBS01

Tot Ion: 75 Resp: 60966

Ion Ratio Lower Upper

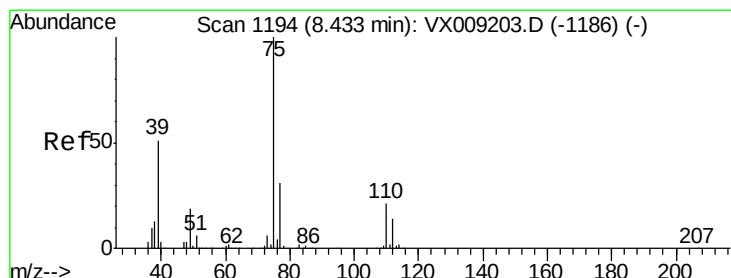
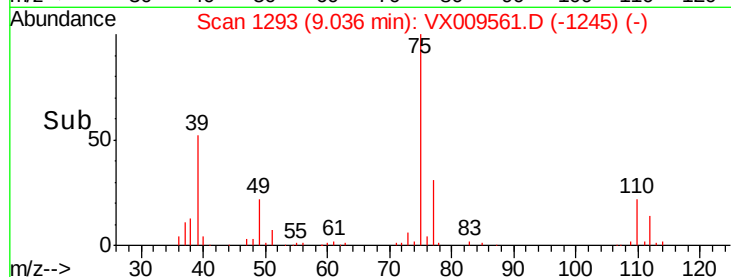
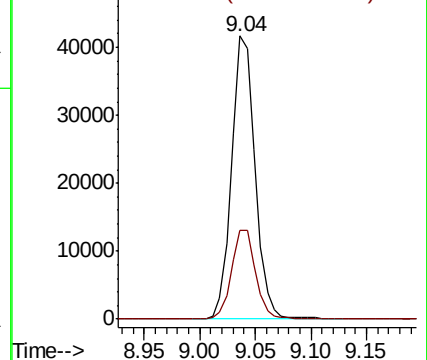
75 100

77 31.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 22.402 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

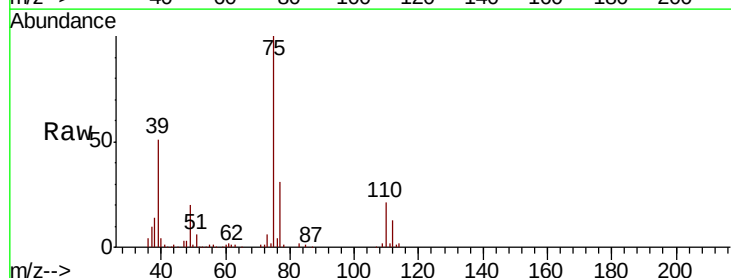
Tgt Ion: 75 Resp: 67597

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

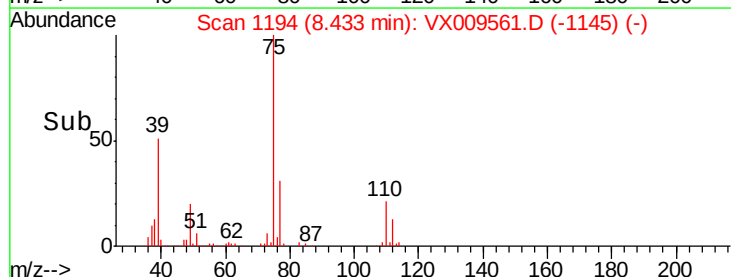
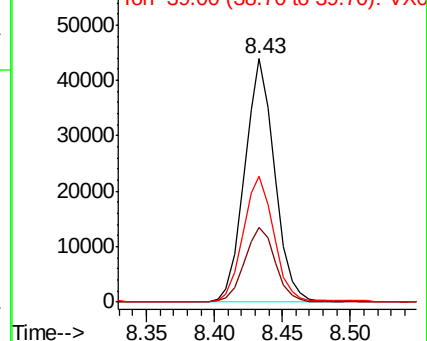
39 51.5 40.6 60.8

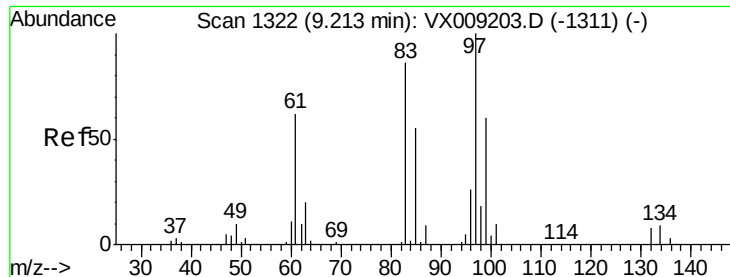


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 22.116 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

Tot Ion: 97 Resp: 40377

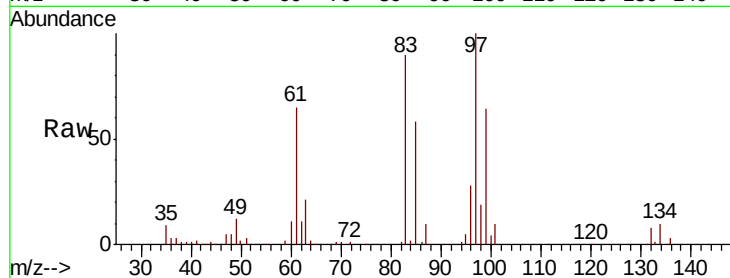
Ion Ratio Lower Upper

97 100

83 90.5 68.9 103.3

85 57.6 43.8 65.6

99 63.4 48.2 72.2



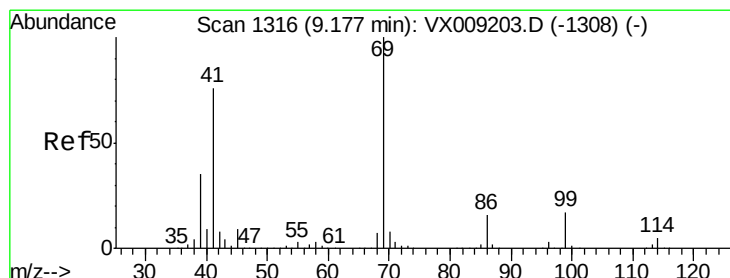
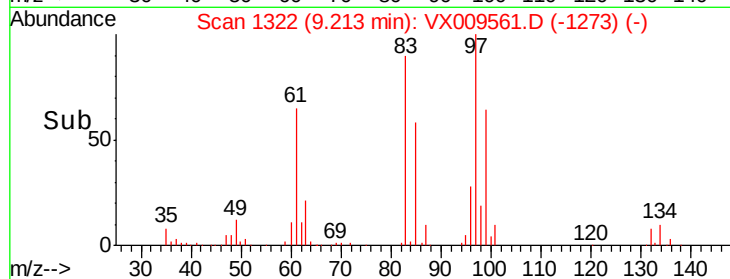
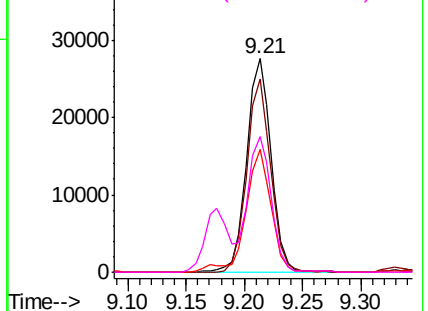
Abundance

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: 22.340 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

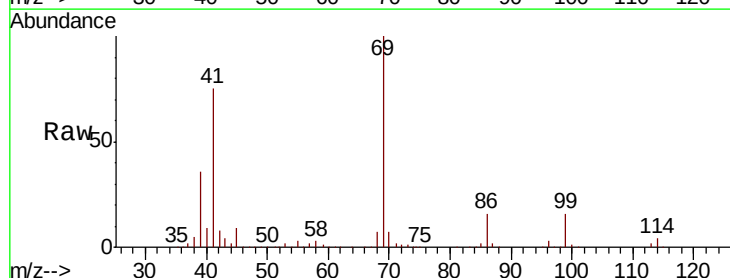
Tgt Ion: 69 Resp: 72803

Ion Ratio Lower Upper

69 100

41 75.0 60.6 90.8

39 35.5 28.2 42.4

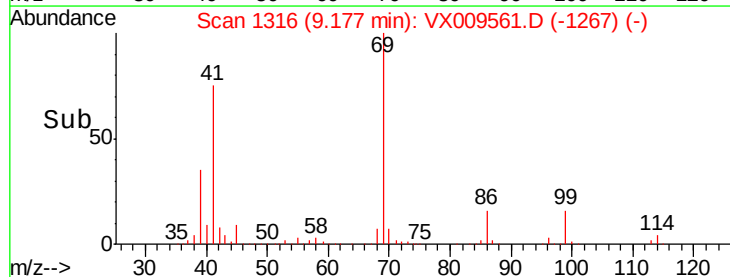
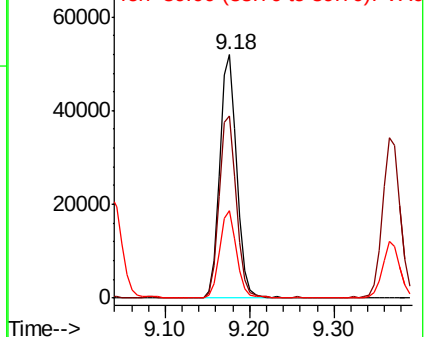


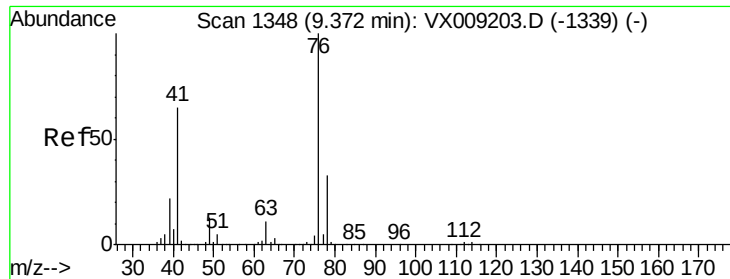
Abundance

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: 22.173 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

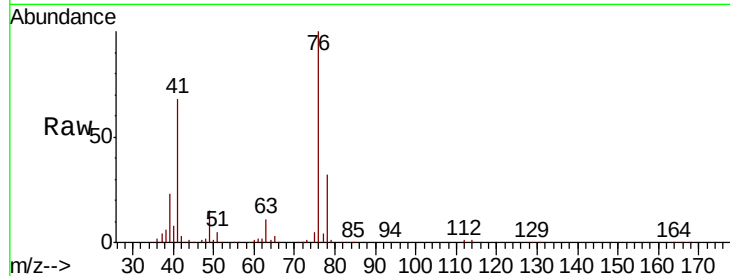
VX0514MBS01

Tot Ion: 76 Resp: 71234

Ion Ratio Lower Upper

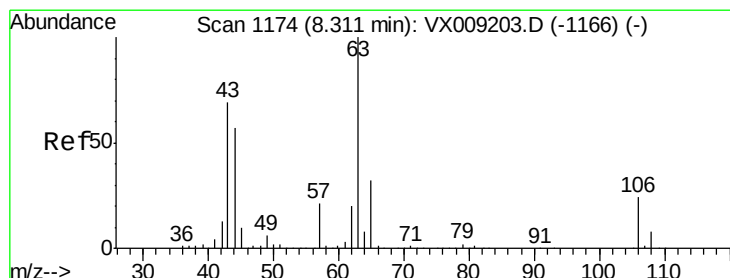
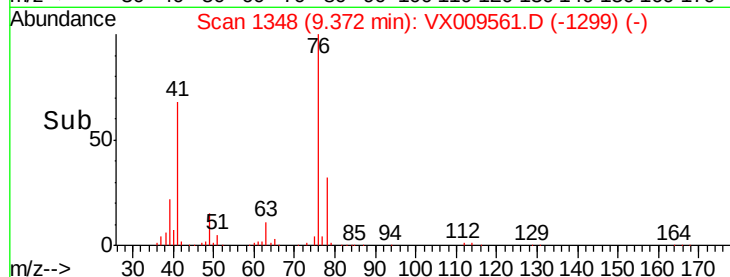
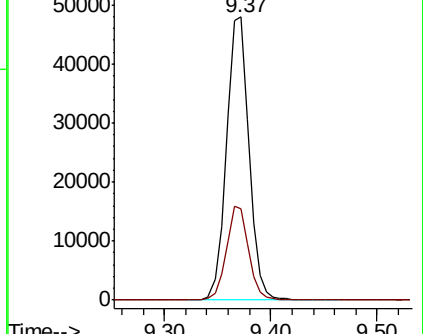
76 100

78 32.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.044 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009561.D

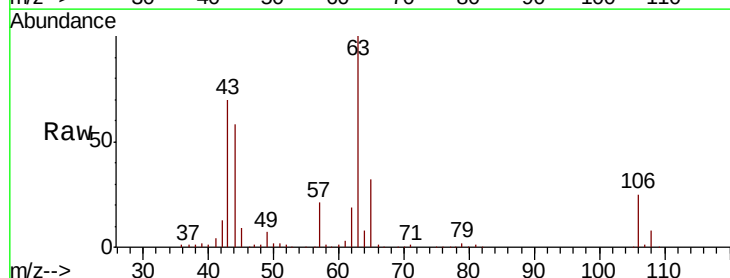
Acq: 14 May 2019 14:53

Tgt Ion: 63 Resp: 174689

Ion Ratio Lower Upper

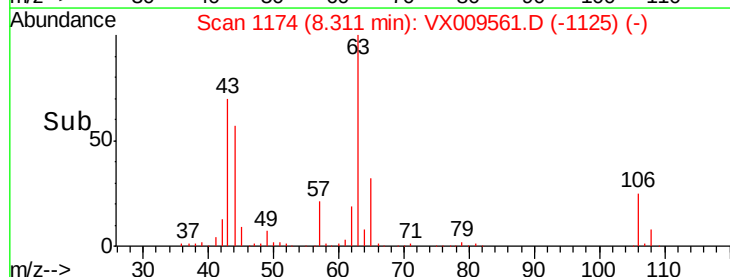
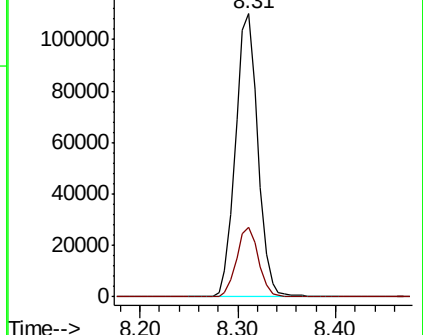
63 100

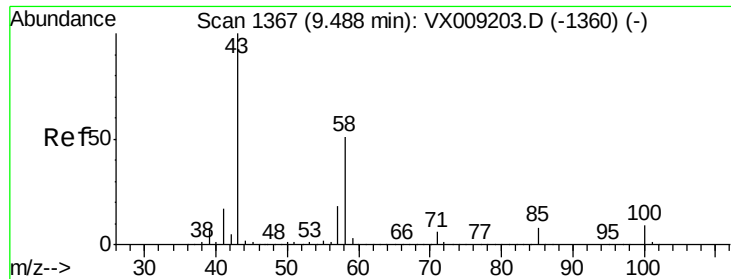
106 24.3 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

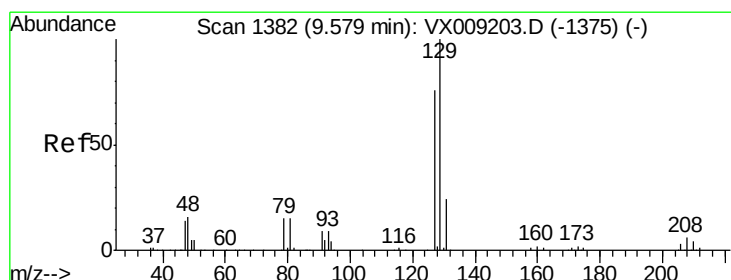
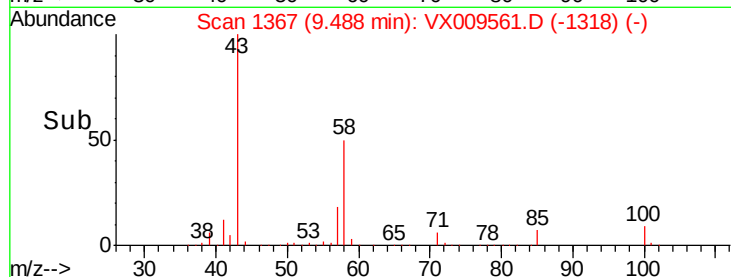
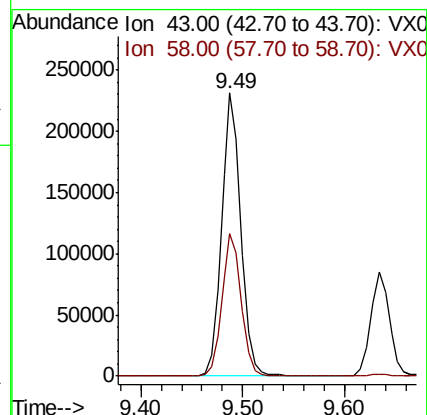
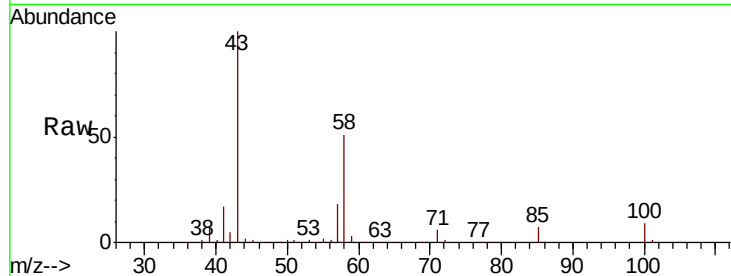




#59
2-Hexanone
Concen: 112.140 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

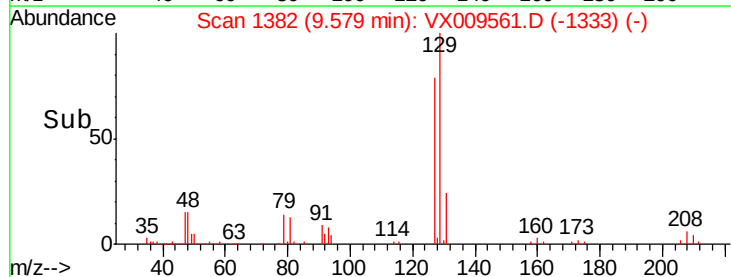
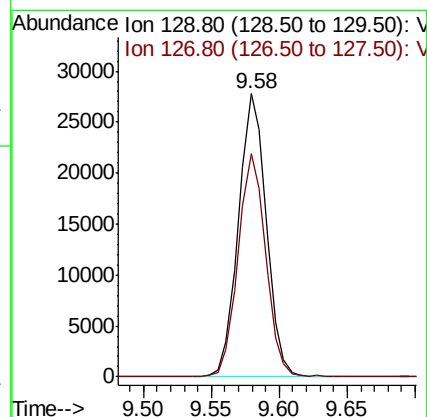
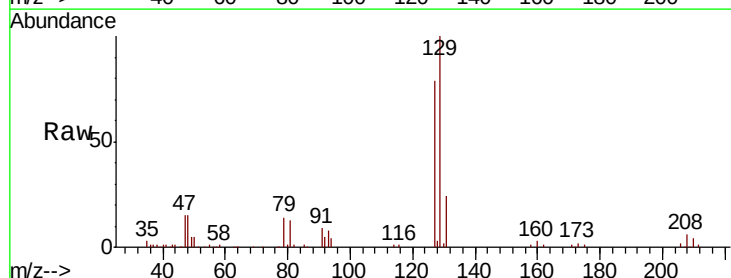
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

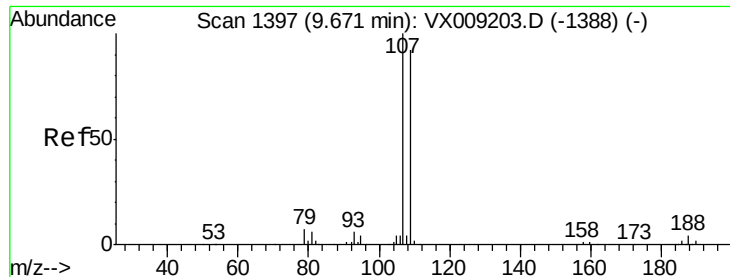
Tot Ion: 43 Resp: 305176
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.7



#60
Dibromochloromethane
Concen: 22.272 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 129 Resp: 39713
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 22.479 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

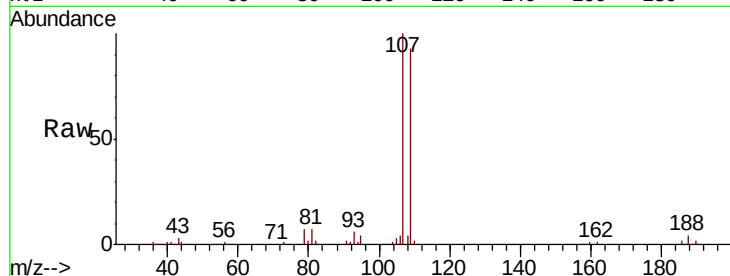
VX0514MBS01

Tot Ion:107 Resp: 41426

Ion Ratio Lower Upper

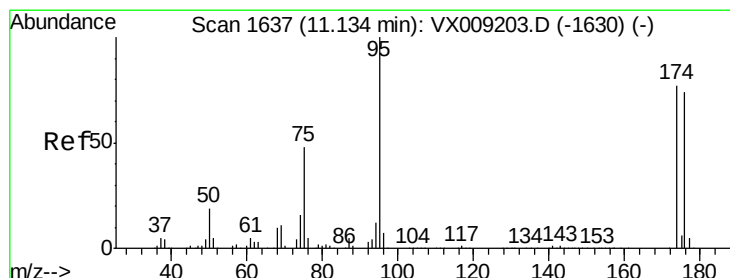
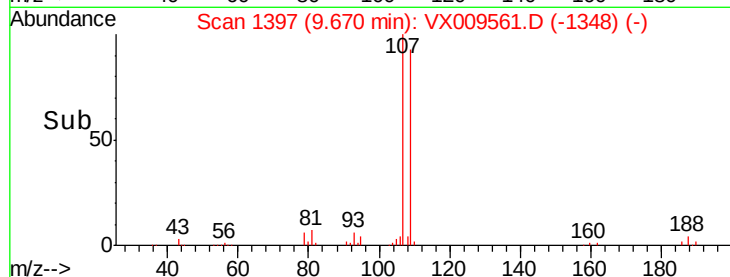
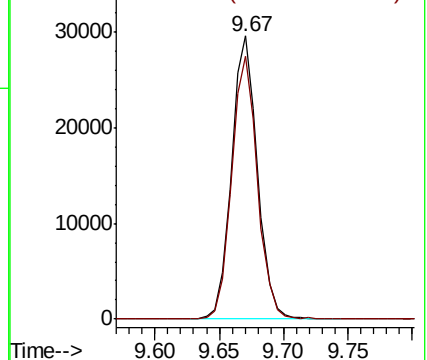
107 100

109 92.8 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: 49.164 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

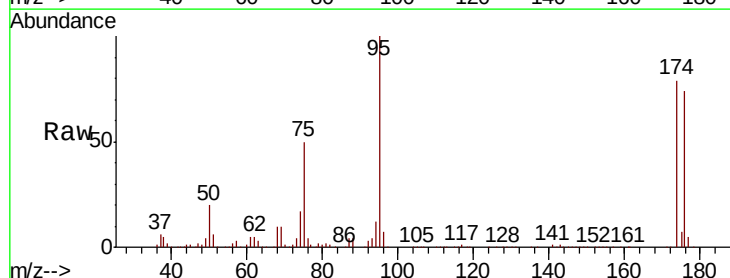
Tgt Ion: 95 Resp: 116051

Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.6

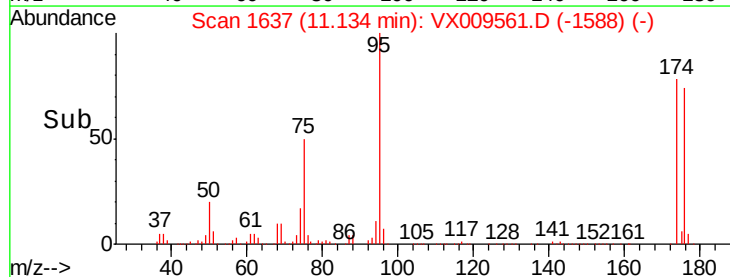
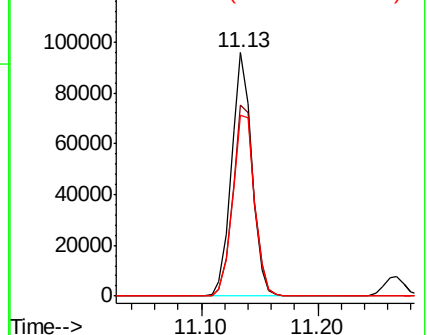
176 80.0 0.0 159.2

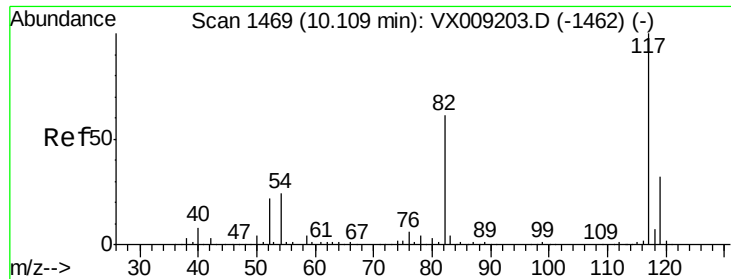


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

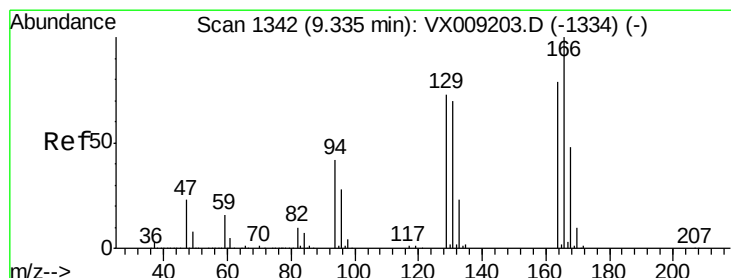
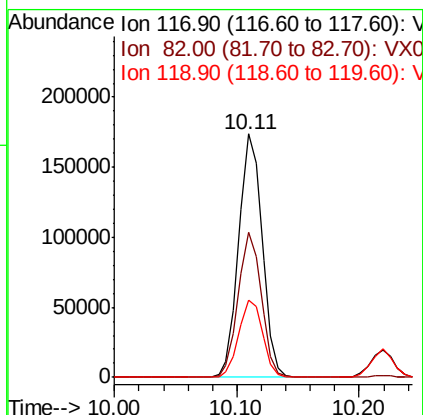
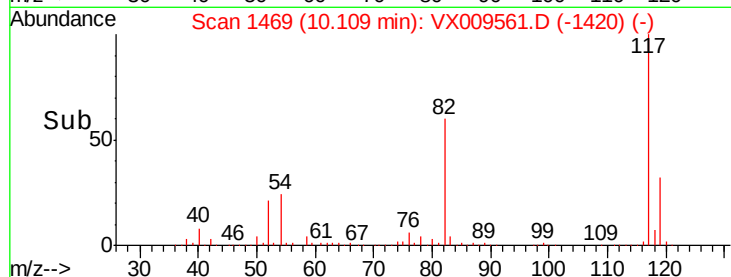
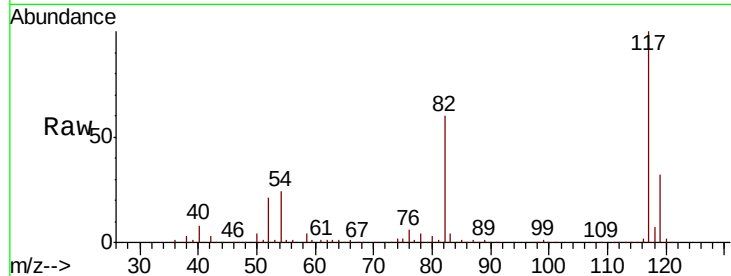




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

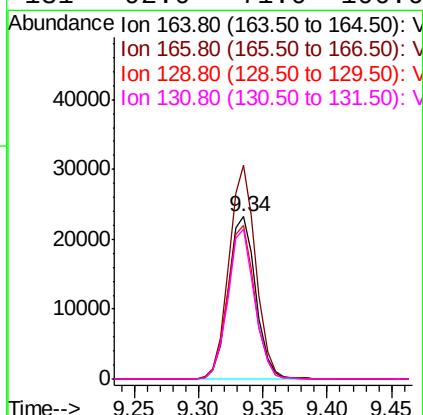
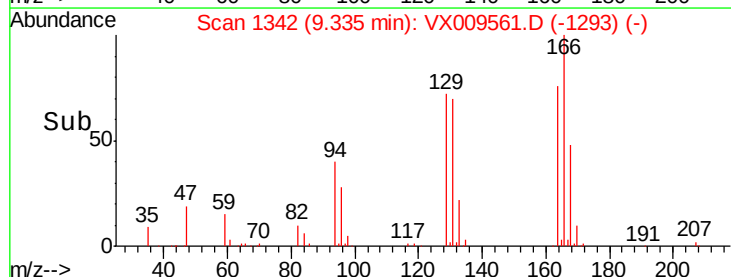
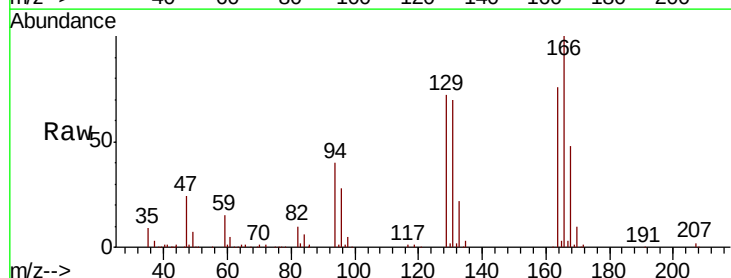
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

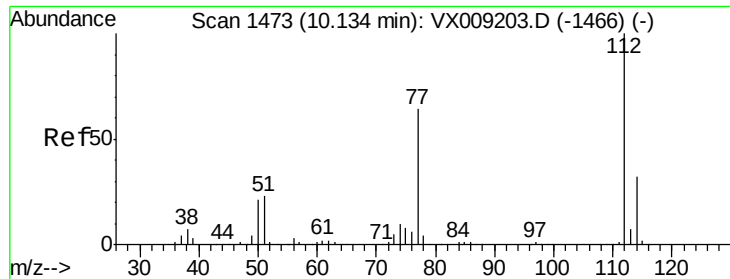
Tot Ion:117 Resp: 231439
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 21.978 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion:164 Resp: 34891
Ion Ratio Lower Upper
164 100
166 131.7 101.2 151.8
129 94.5 74.3 111.5
131 92.0 71.0 106.6

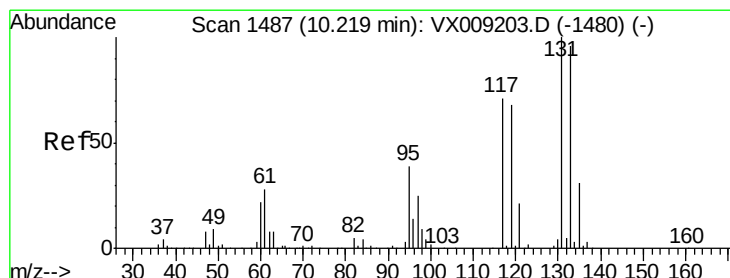
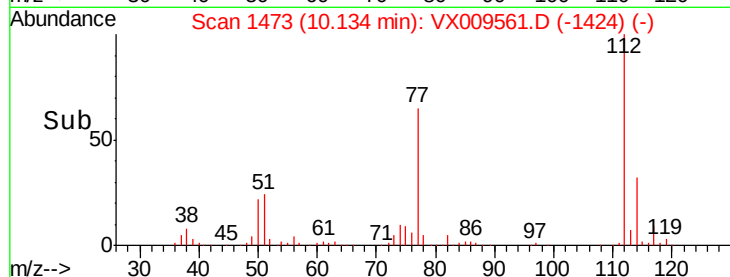
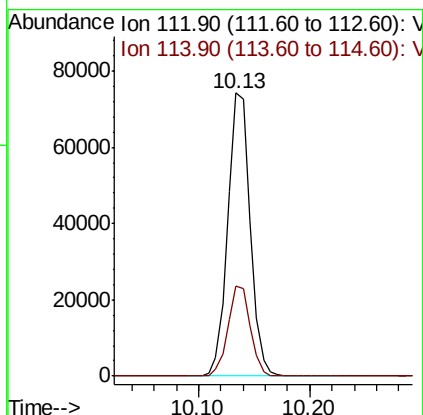
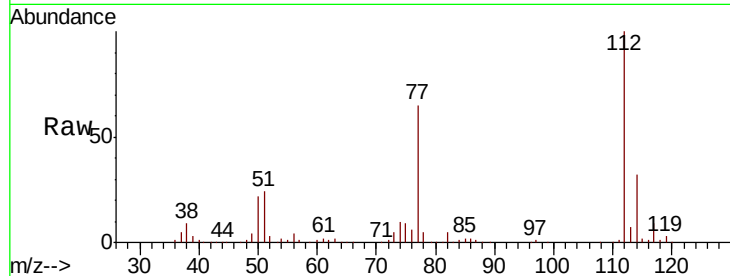




#65
Chlorobenzene
Concen: 22.287 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

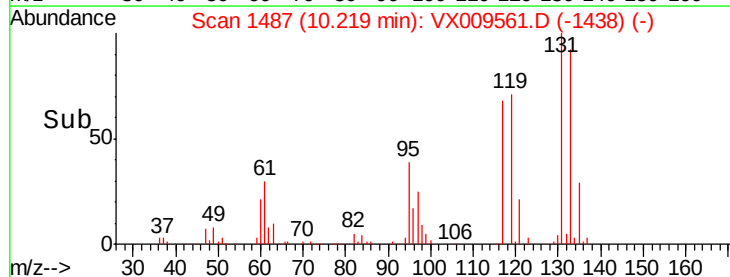
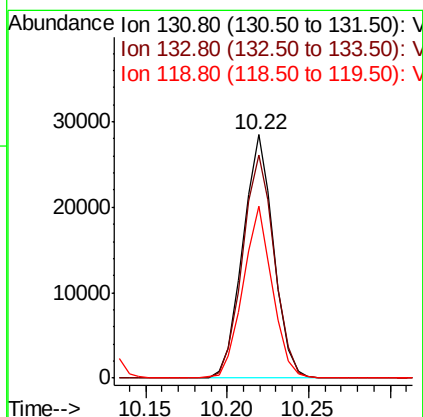
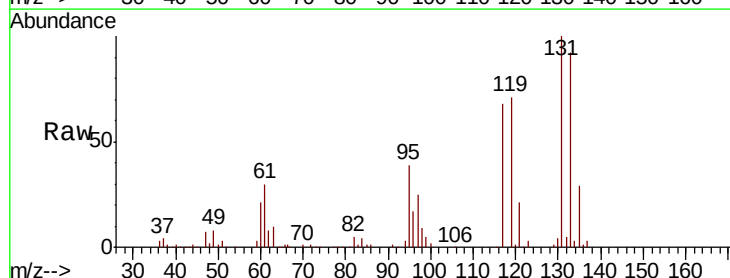
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

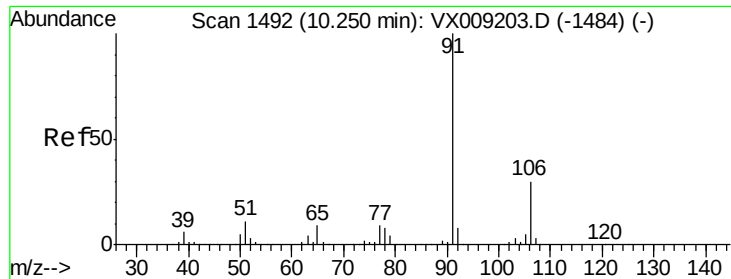
Tot Ion:112 Resp: 103186
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.319 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion:131 Resp: 37463
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 67.7 33.5 100.4

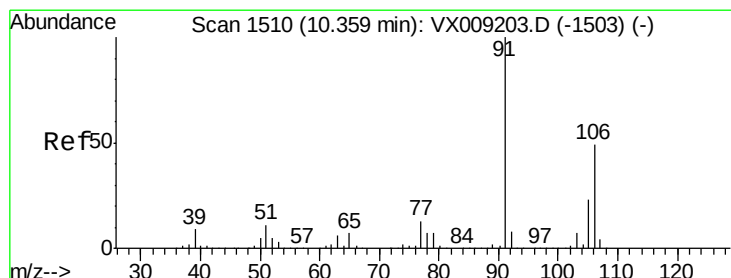
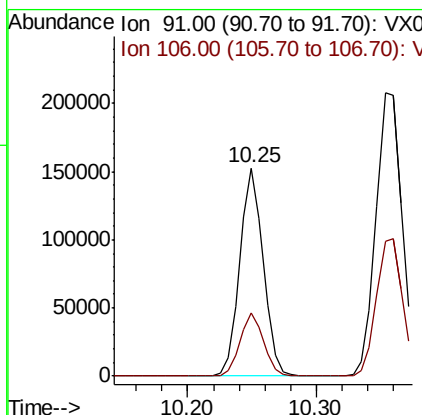
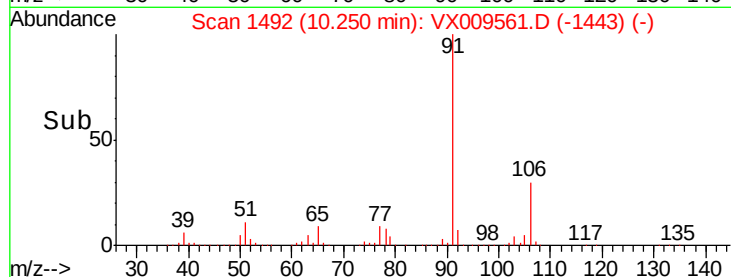
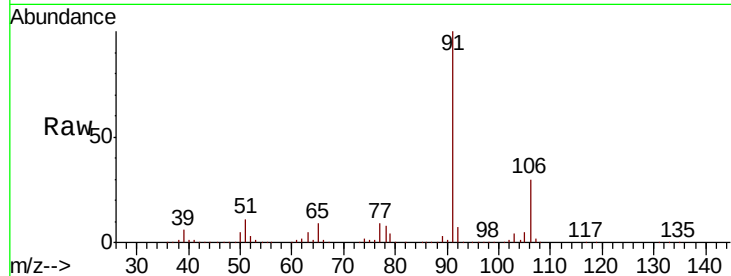




#67
Ethyl Benzene
Concen: 22.621 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

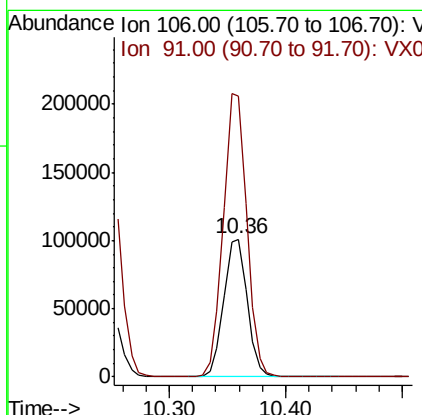
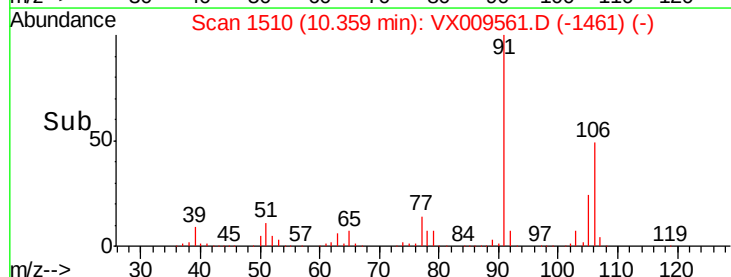
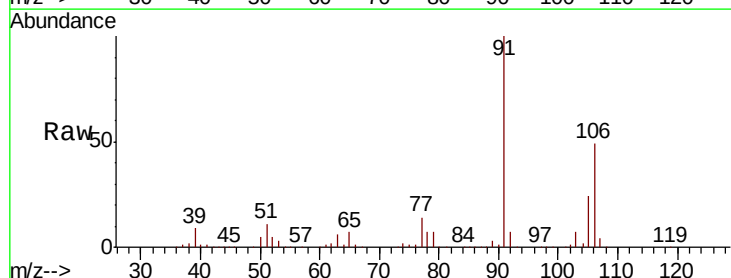
Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

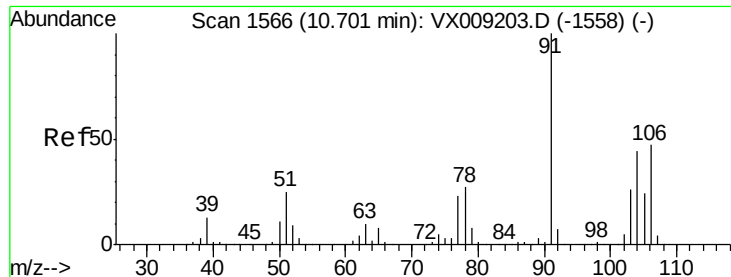
Tot Ion: 91 Resp: 192742
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0



#68
m/p-Xylenes
Concen: 45.350 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion: 106 Resp: 141206
Ion Ratio Lower Upper
106 100
91 206.0 164.0 246.0

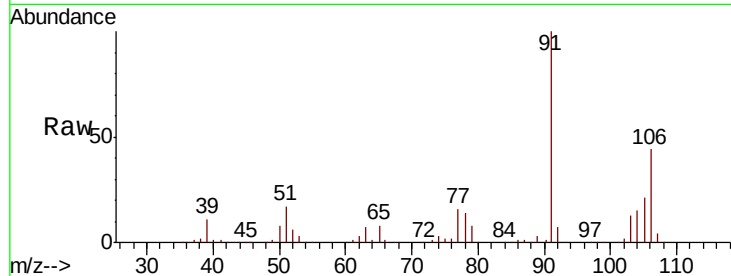




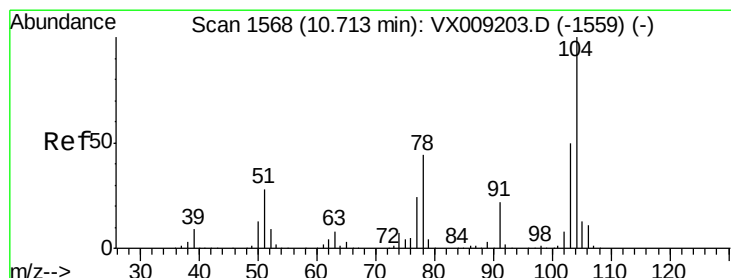
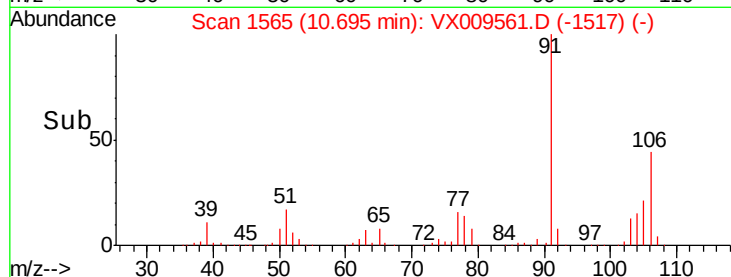
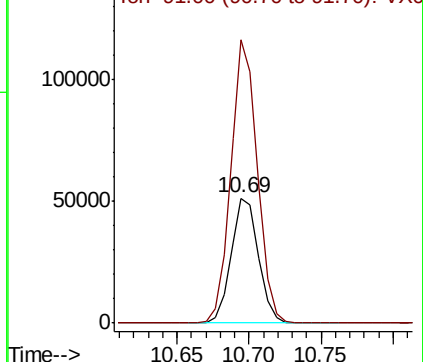
#69
o-Xylene
Concen: 22.181 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

Tot Ion:106 Resp: 68142
Ion Ratio Lower Upper
106 100
91 219.6 109.5 328.4

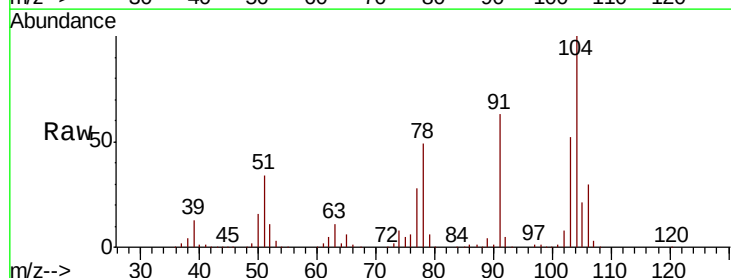


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

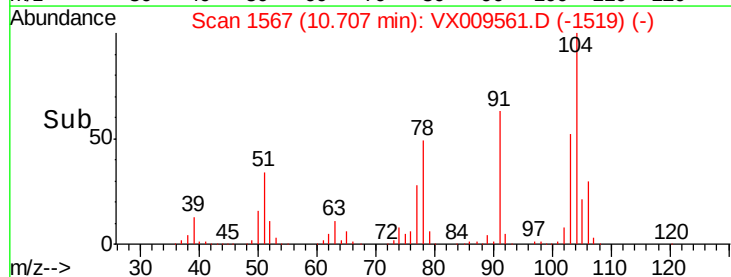
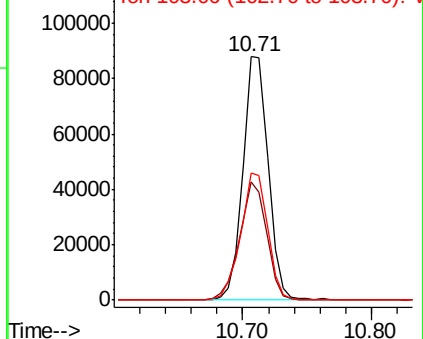


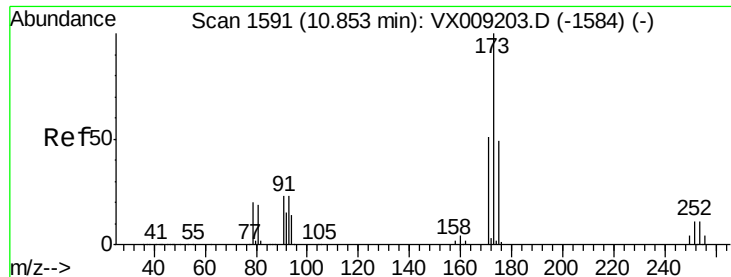
#70
Styrene
Concen: 22.254 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion:104 Resp: 118825
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.4
103 56.0 43.8 65.6



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





#71

Bromoform

Concen: 21.722 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

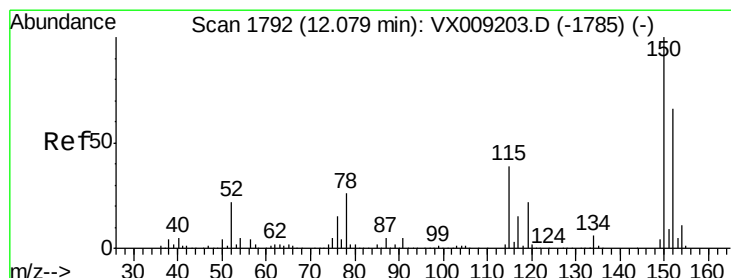
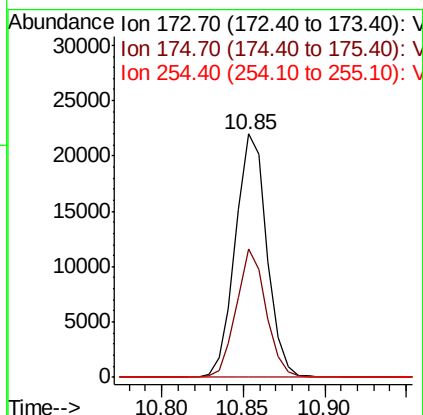
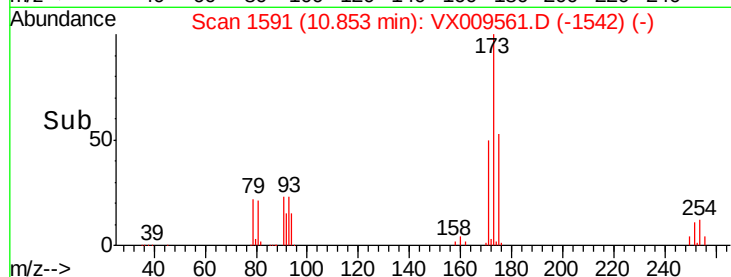
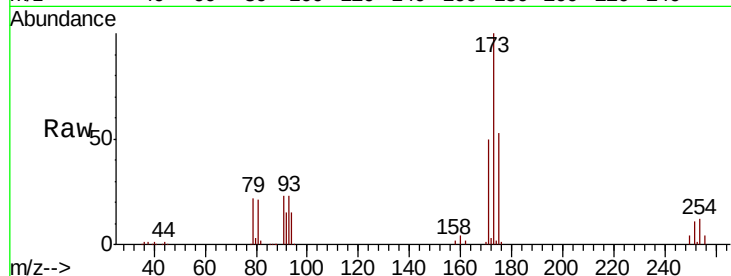
Tot Ion:173 Resp: 29630

Ion Ratio Lower Upper

173 100

175 49.6 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

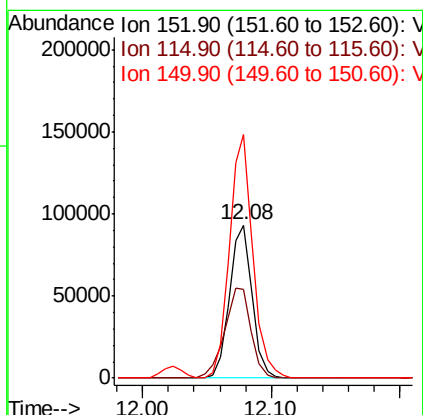
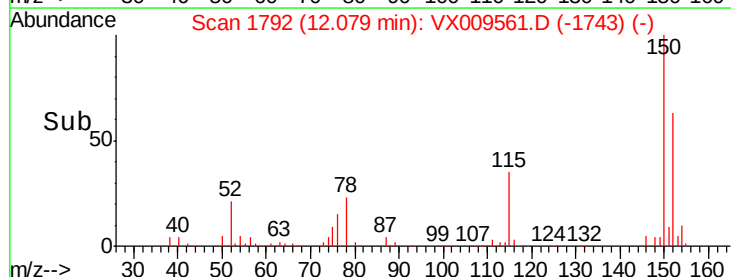
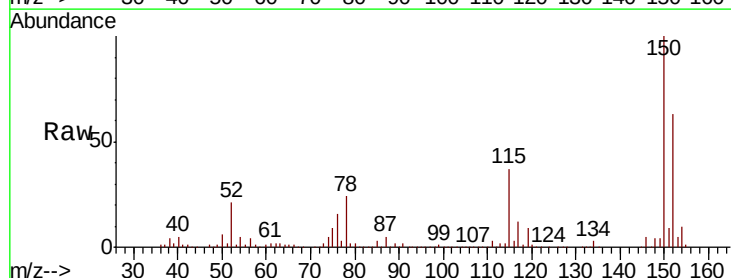
Tgt Ion:152 Resp: 114325

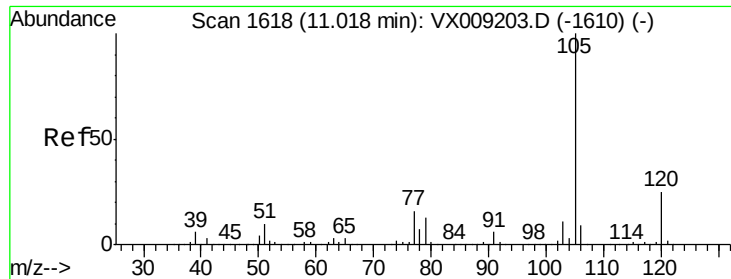
Ion Ratio Lower Upper

152 100

115 68.7 41.2 123.6

150 164.0 0.0 346.4





#73

Isopropylbenzene

Concen: 22.298 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

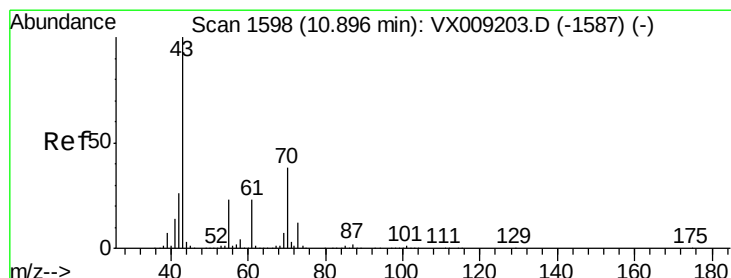
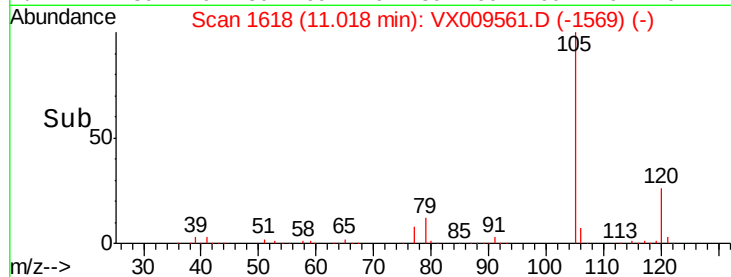
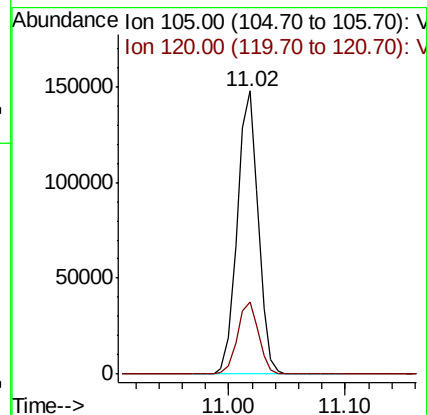
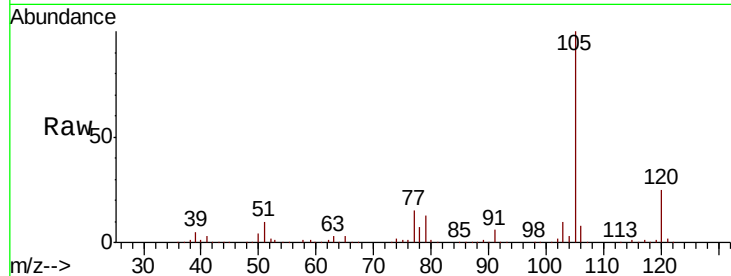
VX0514MBS01

Tot Ion:105 Resp: 185373

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 22.046 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Tgt Ion: 43 Resp: 106853

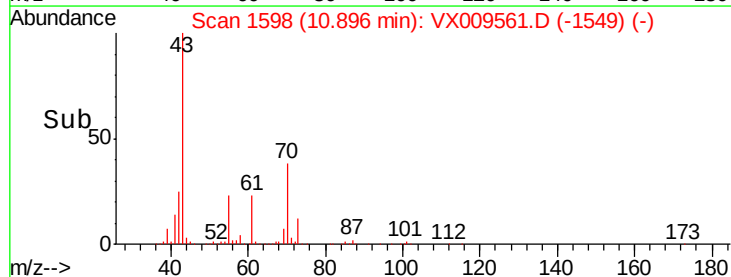
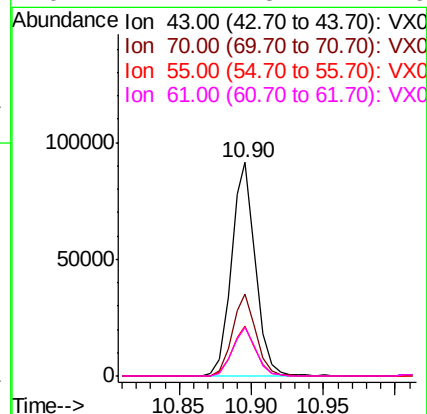
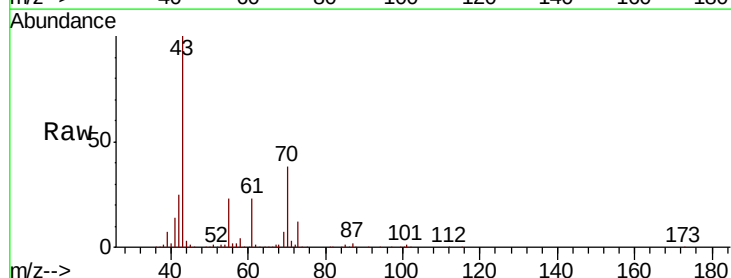
Ion Ratio Lower Upper

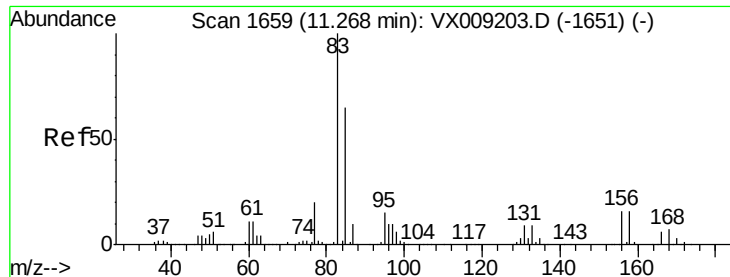
43 100

70 37.9 30.0 45.0

55 23.0 17.9 26.9

61 22.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.025 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

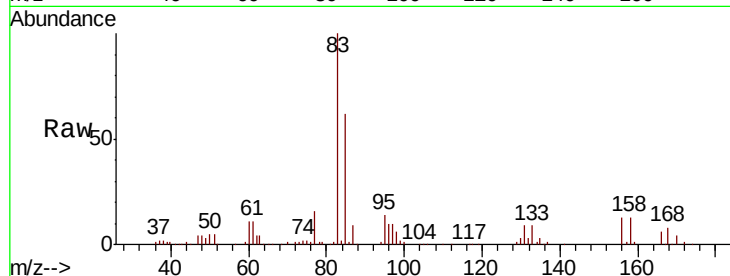
Tot Ion: 83 Resp: 68258

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

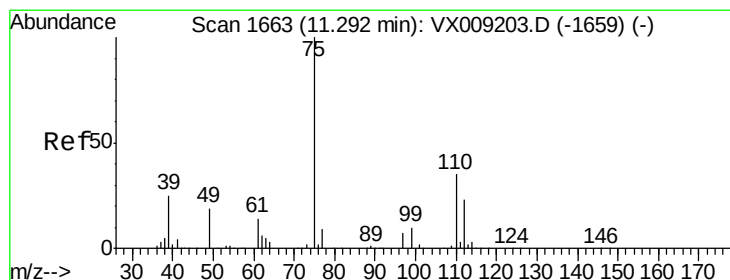
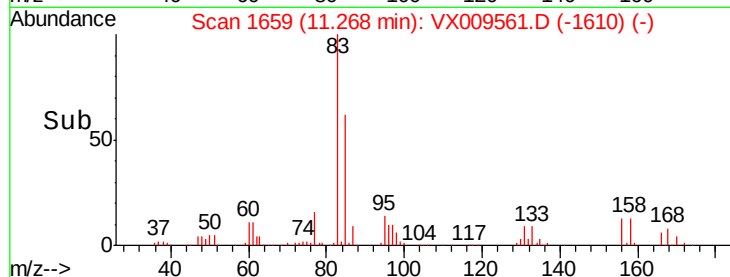
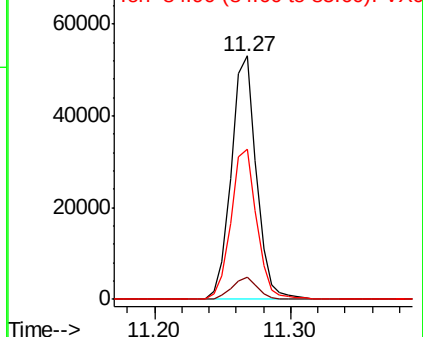
85 63.5 32.0 96.2



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: 29.698 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009561.D

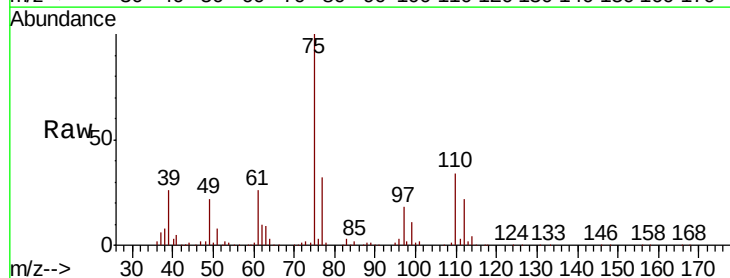
Acq: 14 May 2019 14:53

Tgt Ion: 75 Resp: 78758

Ion Ratio Lower Upper

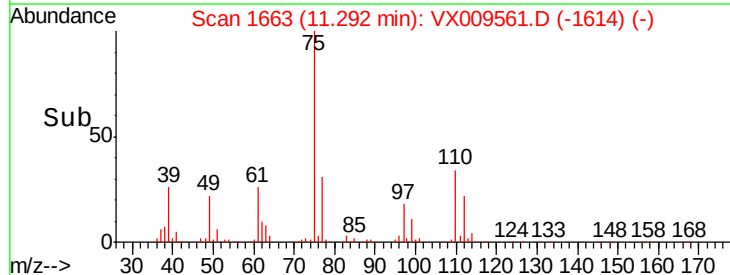
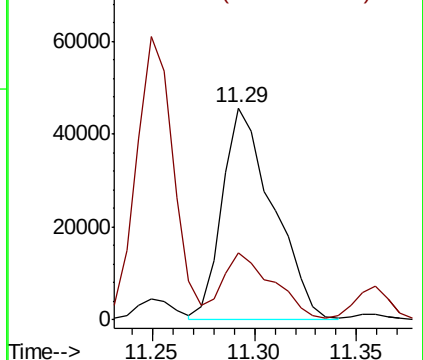
75 100

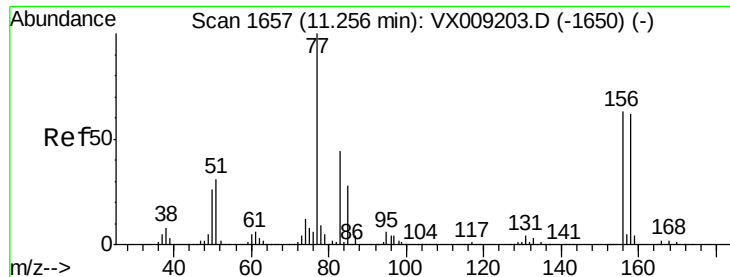
77 31.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.870 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

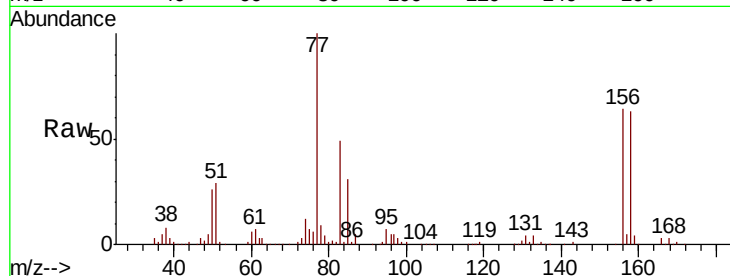
Tot Ion:156 Resp: 45129

Ion Ratio Lower Upper

156 100

77 170.2 84.8 254.3

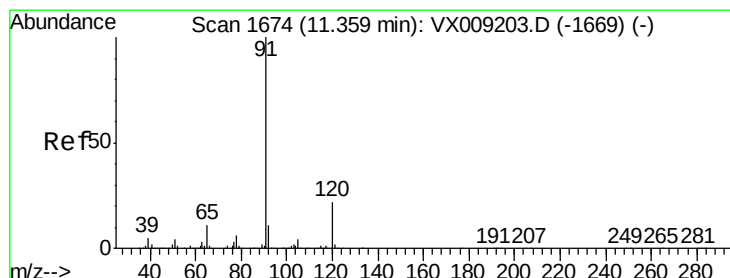
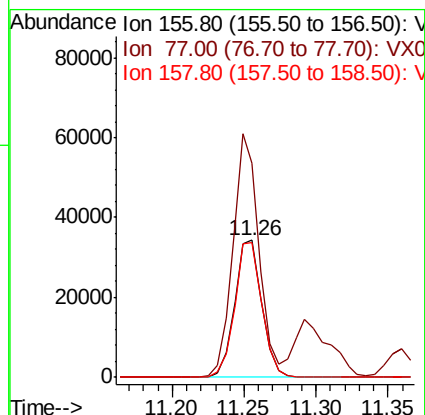
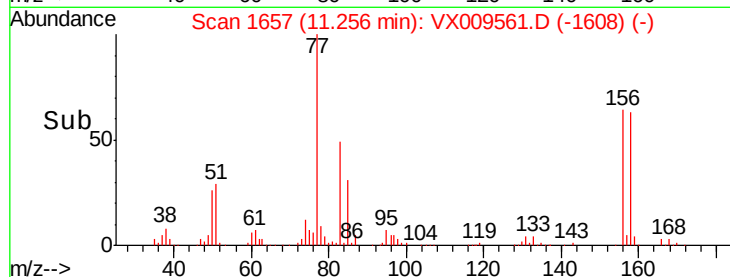
158 98.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.369 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009561.D

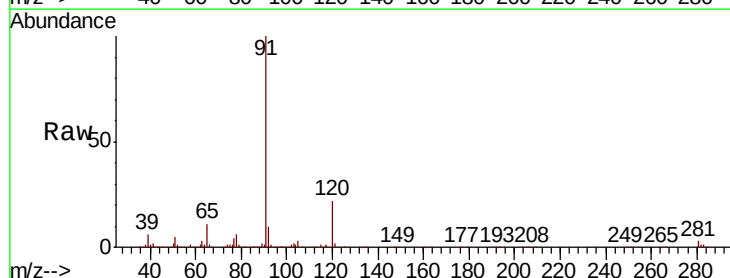
Acq: 14 May 2019 14:53

Tgt Ion: 91 Resp: 212387

Ion Ratio Lower Upper

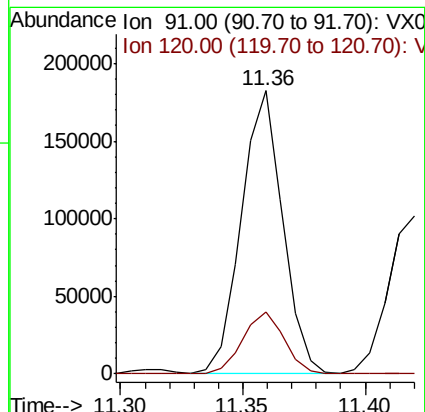
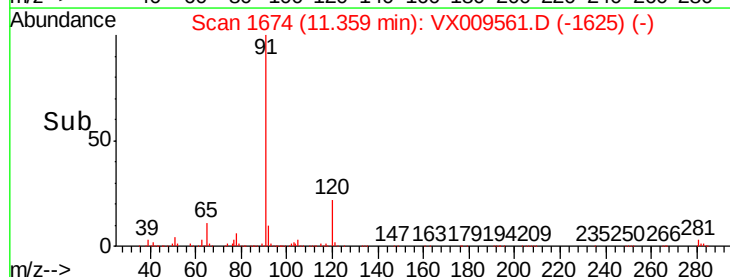
91 100

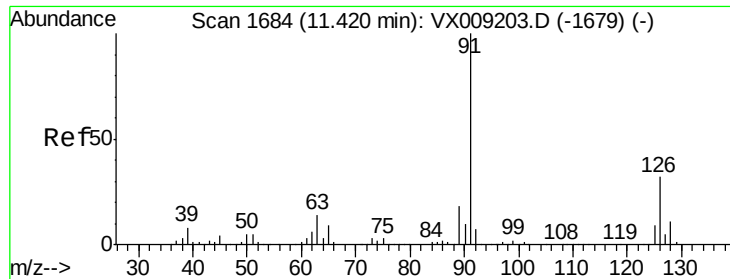
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

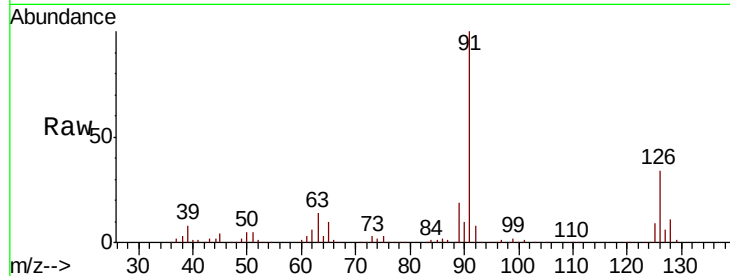




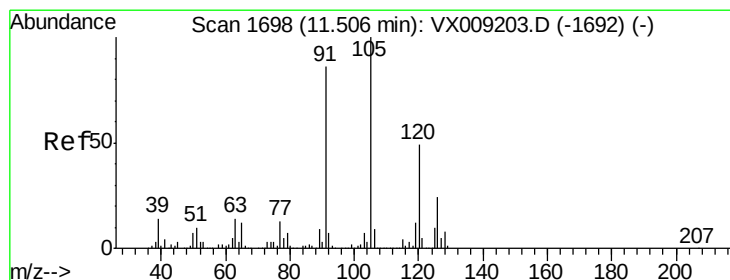
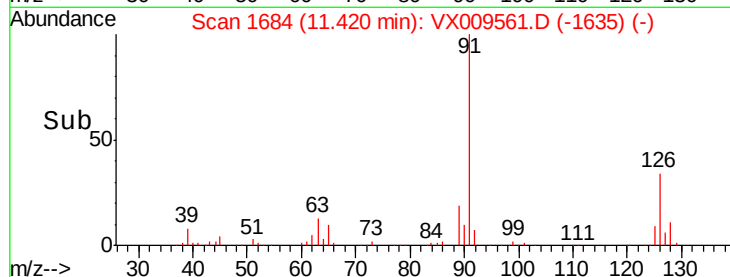
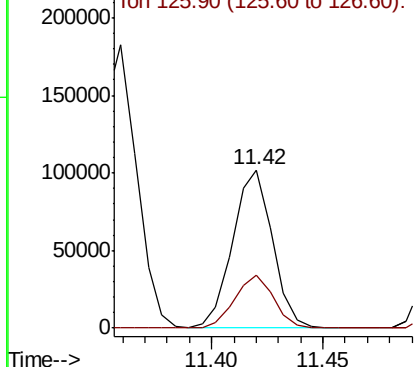
#79
 2-Chlorotoluene
 Concen: 21.502 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

Tot Ion: 91 Resp: 125949
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.9

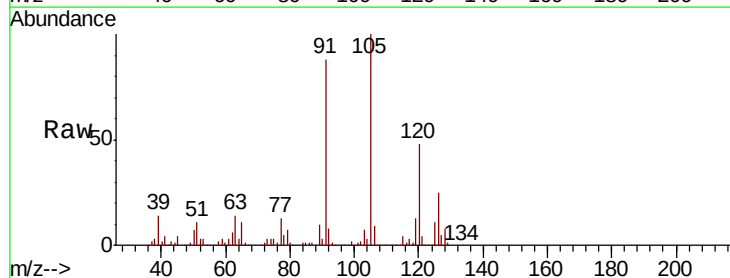


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

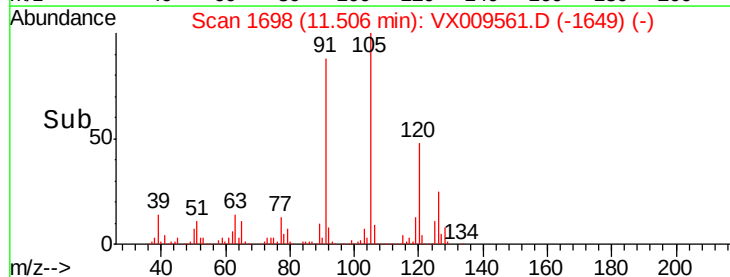
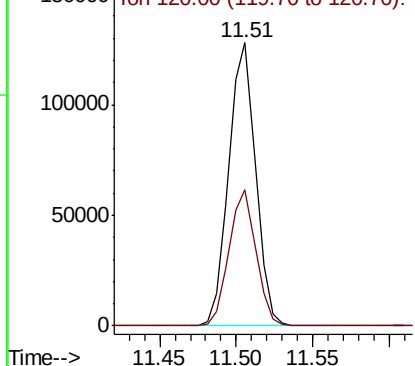


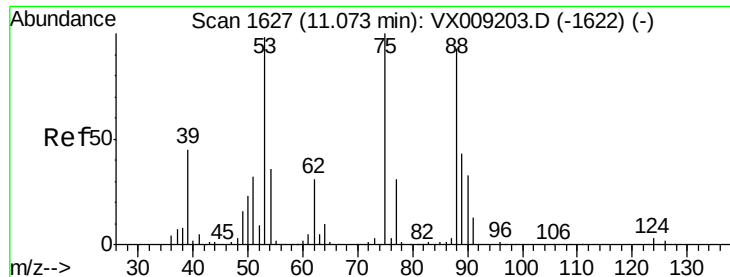
#80
 1,3,5-Trimethylbenzene
 Concen: 22.245 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion:105 Resp: 155717
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 21.587 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

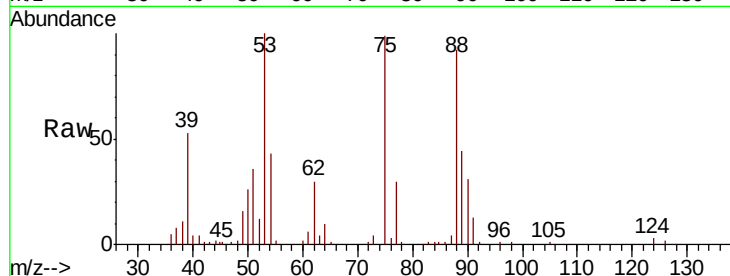
Tot Ion: 75 Resp: 22374

Ion Ratio Lower Upper

75 100

53 104.0 79.0 118.6

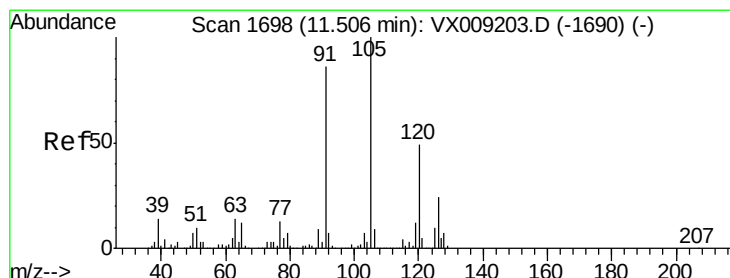
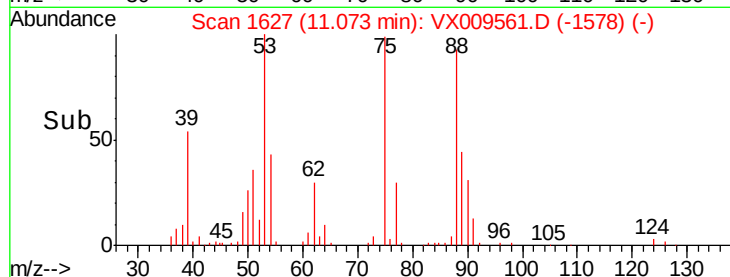
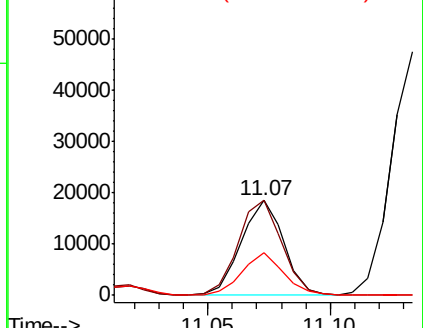
89 44.2 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.813 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009561.D

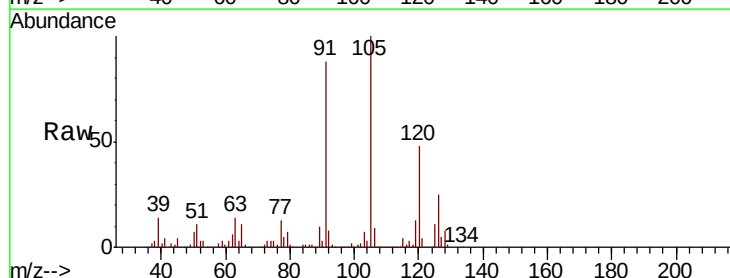
Acq: 14 May 2019 14:53

Tgt Ion: 91 Resp: 144347

Ion Ratio Lower Upper

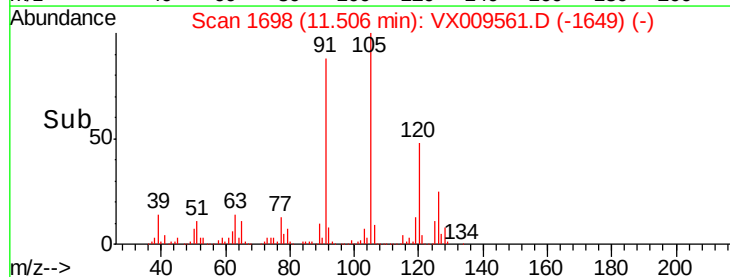
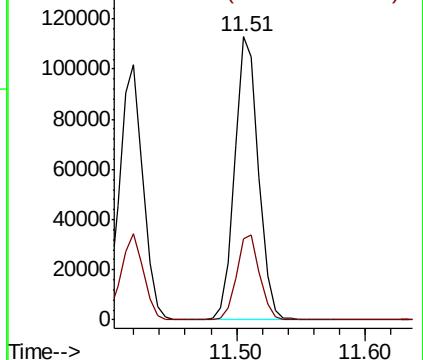
91 100

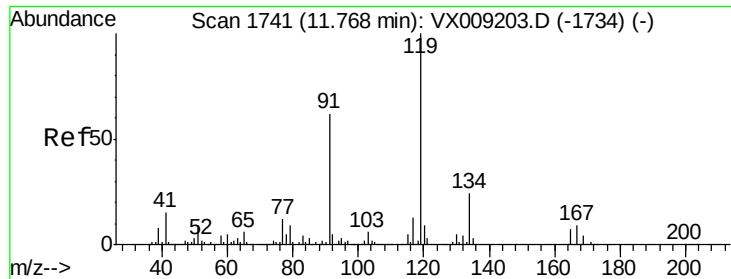
126 29.3 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

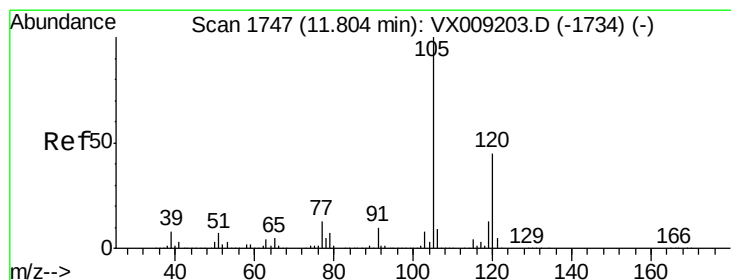
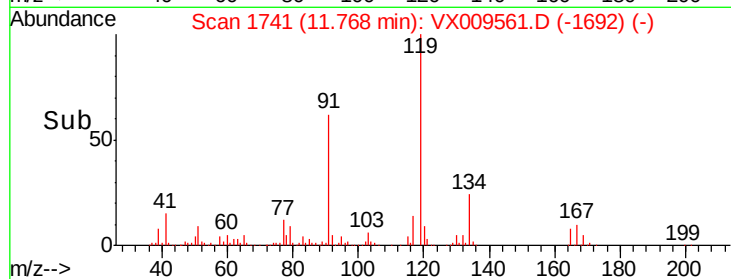
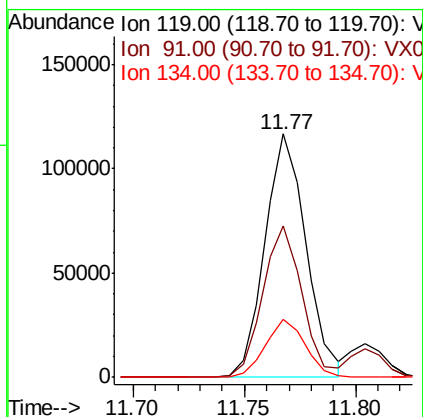
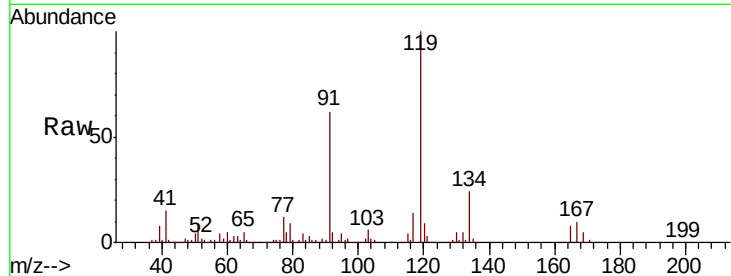




#83
 tert-Butylbenzene
 Concen: 22.006 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

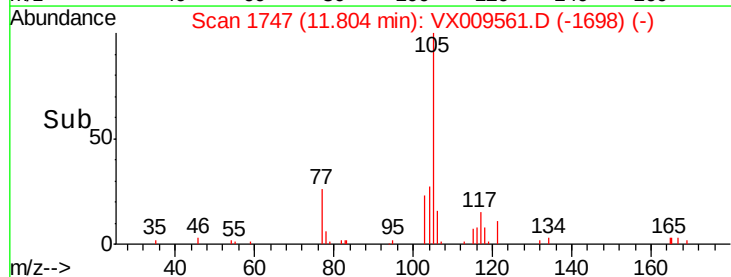
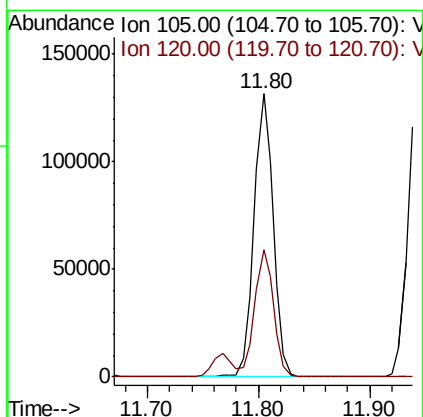
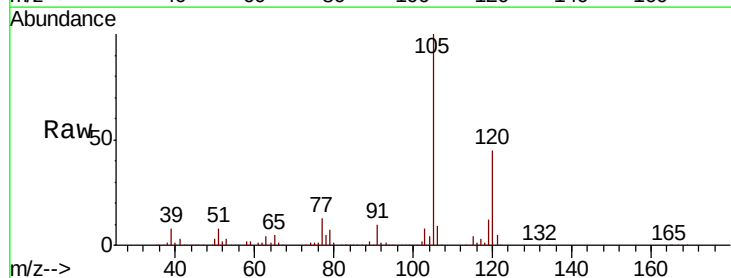
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

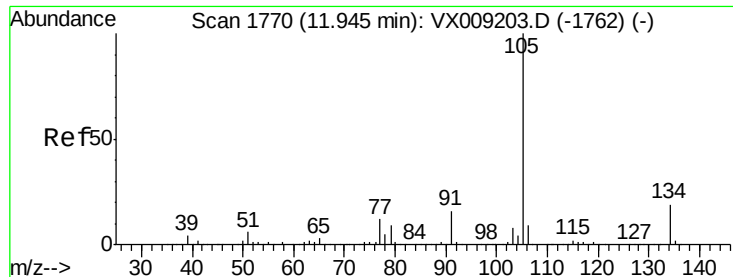
Tot Ion:119 Resp: 149853
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.5 88.5
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.533 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion:105 Resp: 158321
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 22.012 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

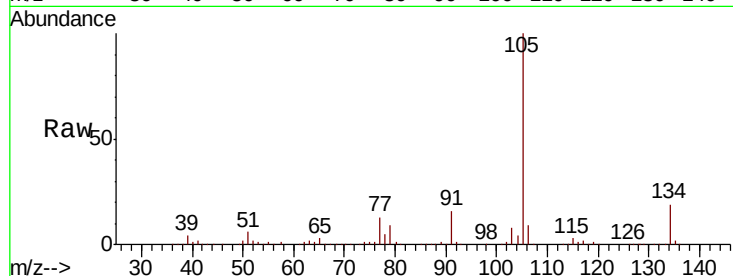
VX0514MBS01

Tot Ion:105 Resp: 177712

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

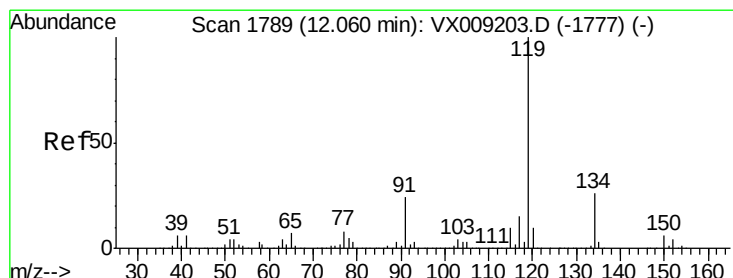
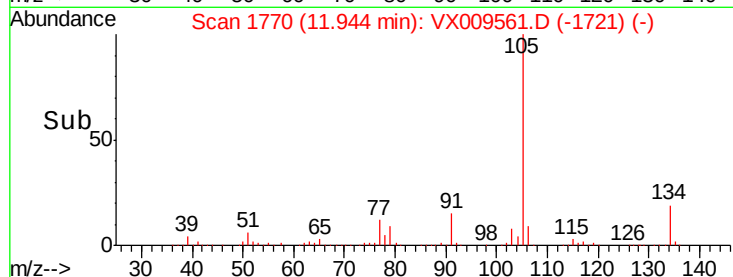
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 22.568 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

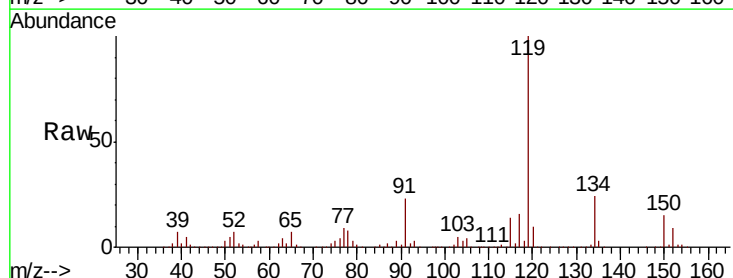
Tgt Ion:119 Resp: 163797

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

91 23.3 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

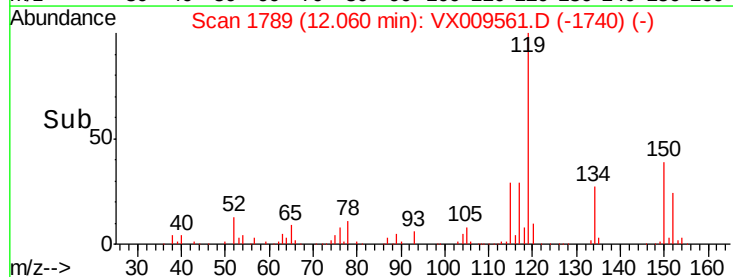
100000

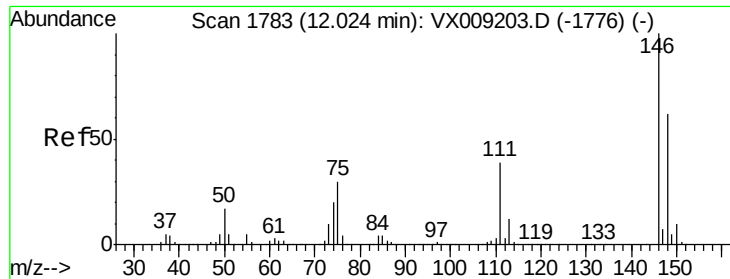
50000

0

12.00 12.10

Time-->

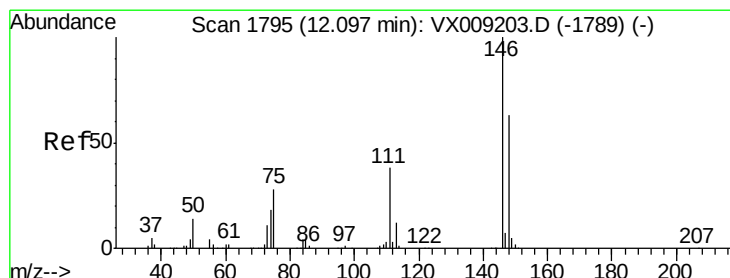
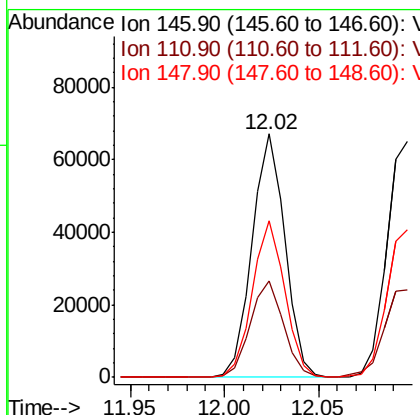
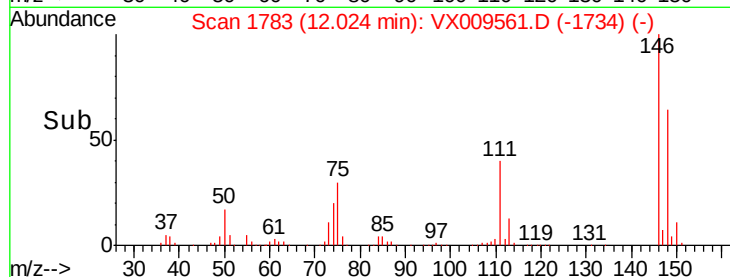
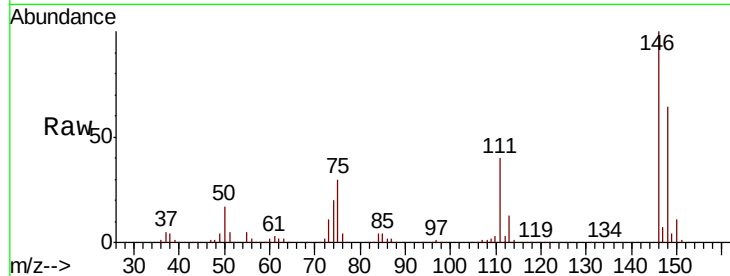




#87
 1,3-Dichlorobenzene
 Concen: 22.105 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

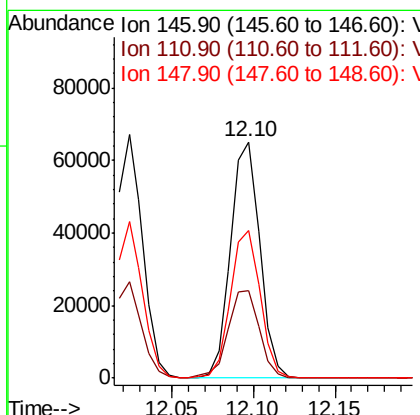
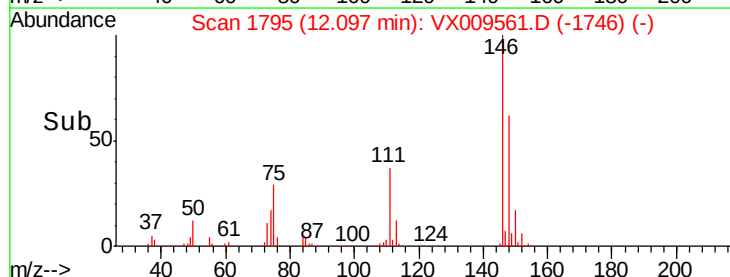
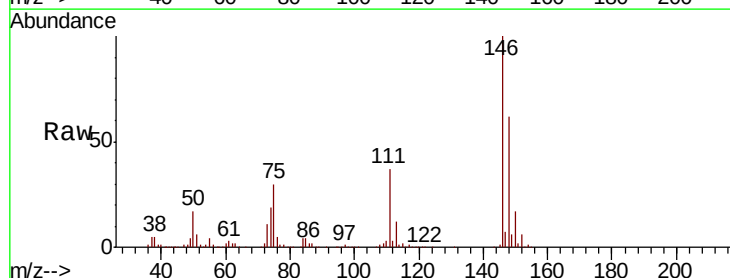
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

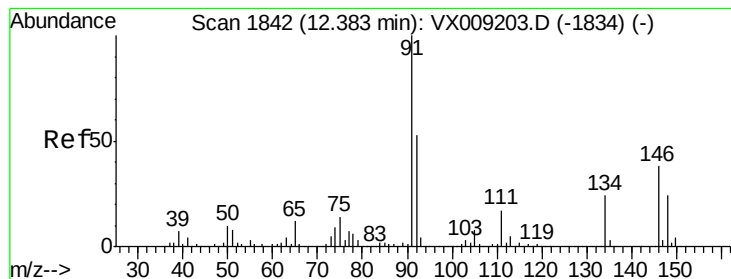
Tot Ion:146 Resp: 81312
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.896 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion:146 Resp: 81204
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 63.7 31.8 95.3





#89

n-Butylbenzene

Concen: 22.513 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009561.D

Acq: 14 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0514MBS01

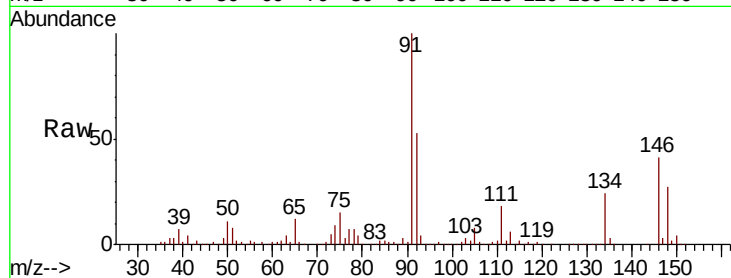
Tot Ion: 91 Resp: 147681

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

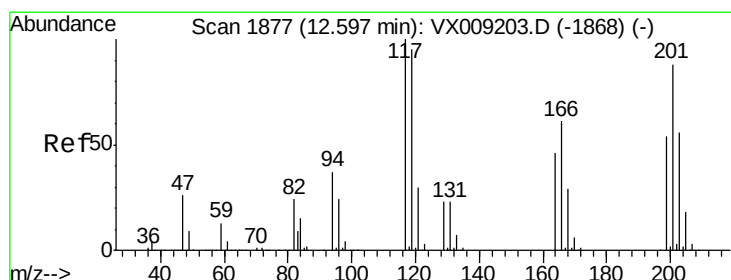
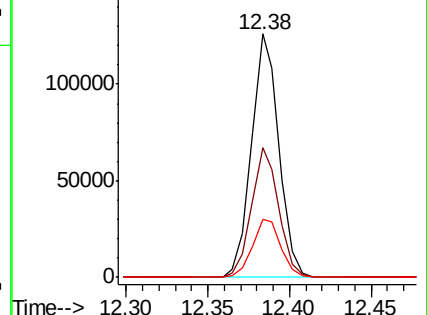
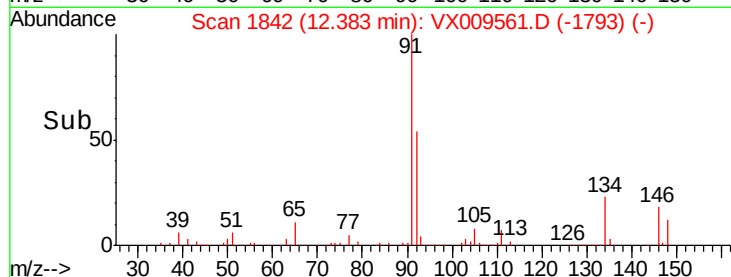
134 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.591 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009561.D

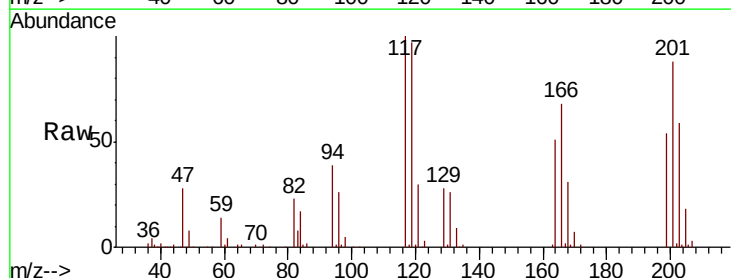
Acq: 14 May 2019 14:53

Tgt Ion: 117 Resp: 26697

Ion Ratio Lower Upper

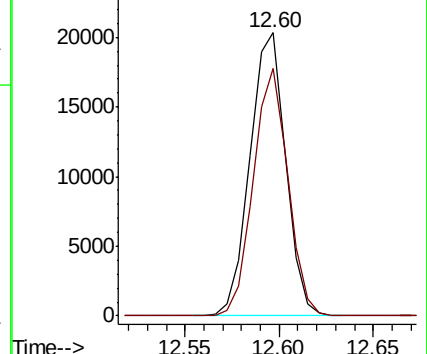
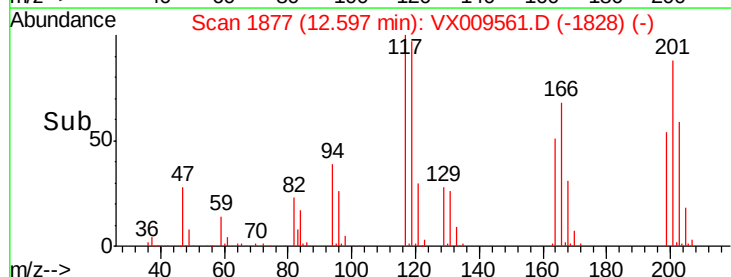
117 100

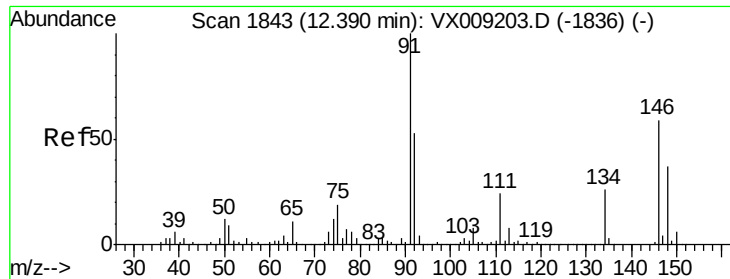
201 84.3 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

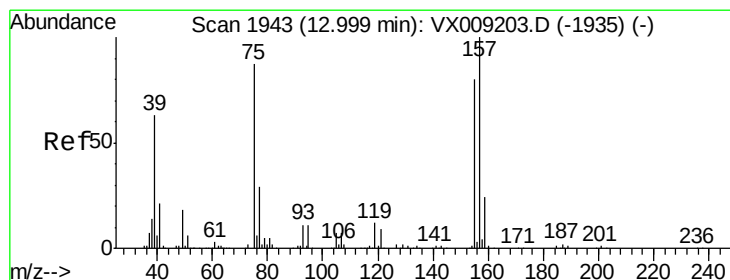
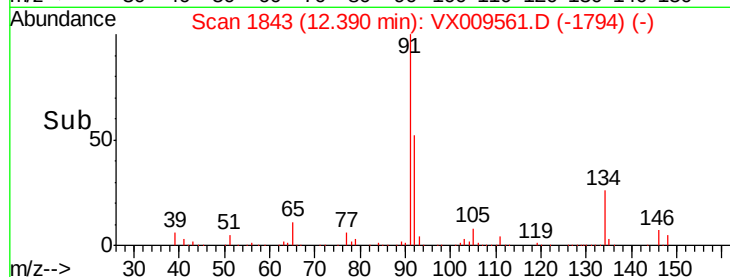
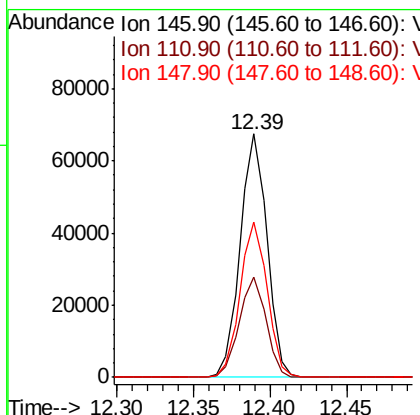
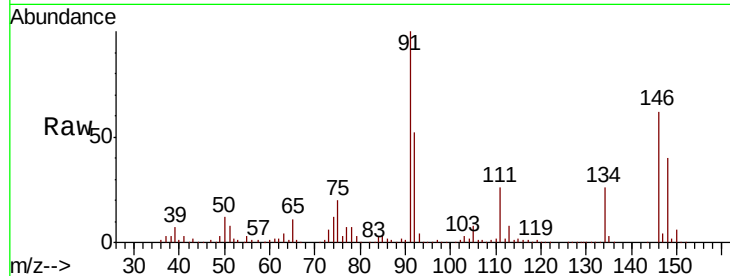




#91
 1,2-Dichlorobenzene
 Concen: 21.952 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

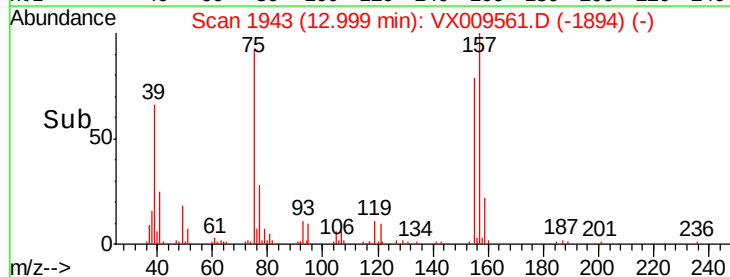
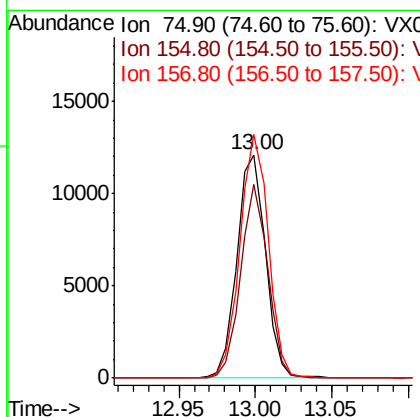
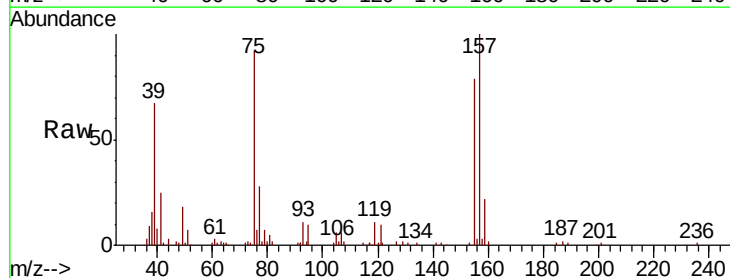
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

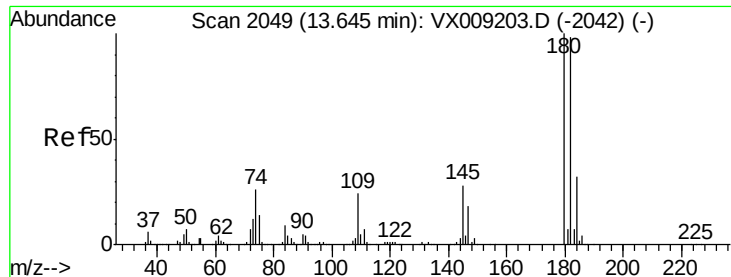
Tot Ion:146 Resp: 82246
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.4
 148 64.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.551 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion: 75 Resp: 15678
 Ion Ratio Lower Upper
 75 100
 155 82.1 42.0 126.0
 157 108.1 53.2 159.6

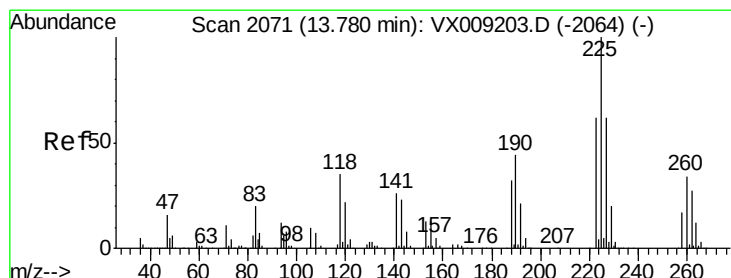
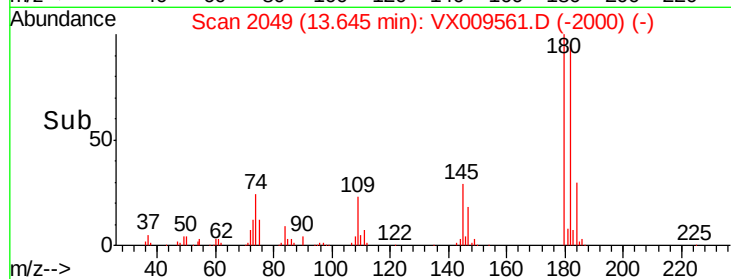
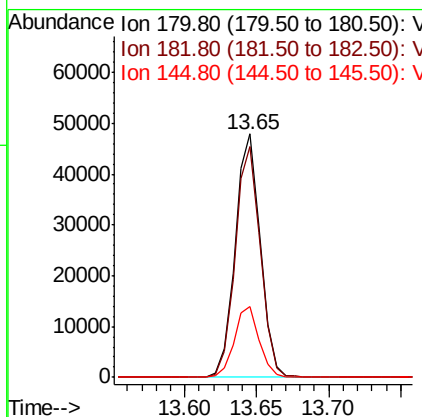
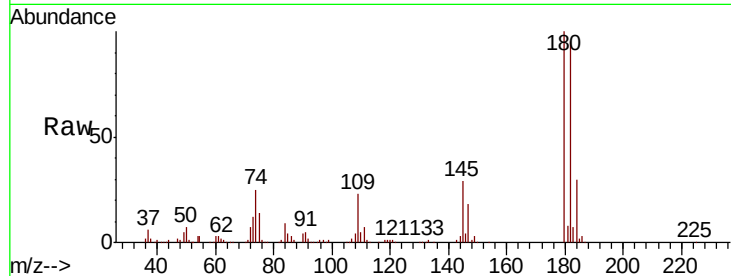




#93
 1,2,4-Trichlorobenzene
 Concen: 22.758 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

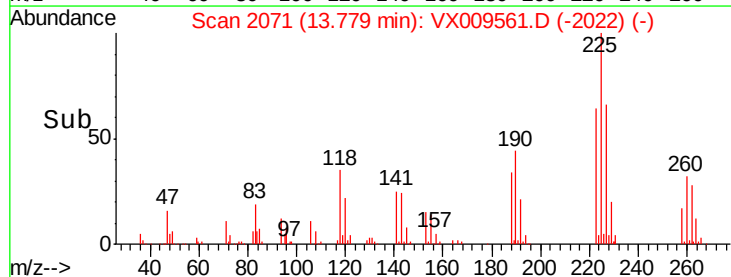
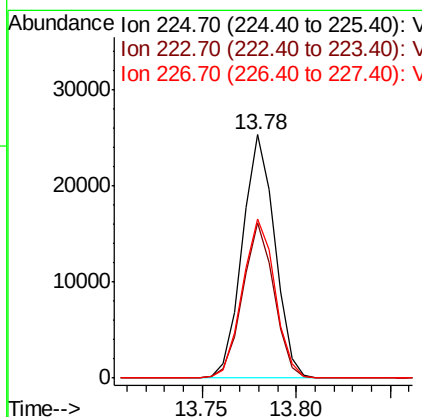
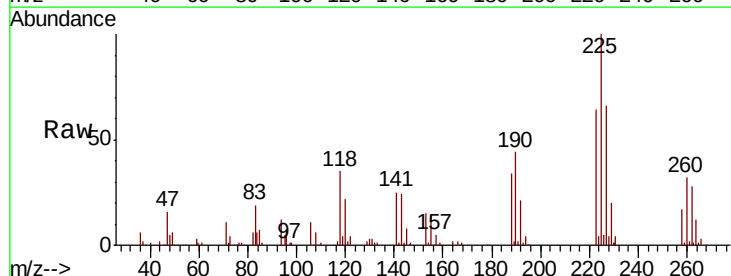
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

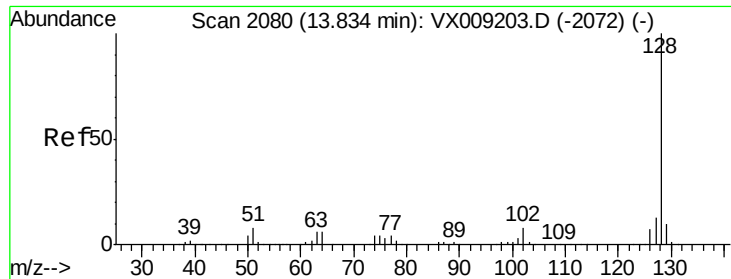
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.2
145	28.9	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 23.084 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009561.D
 Acq: 14 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.3	93.8
227	65.6	31.8	95.3

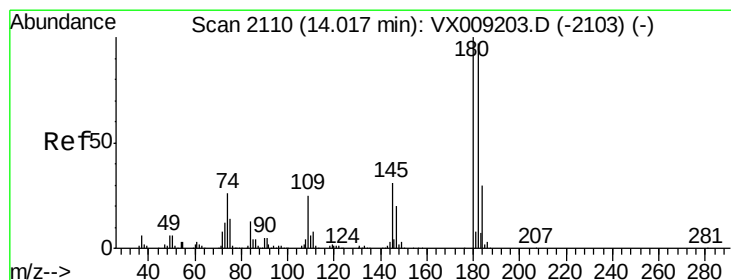
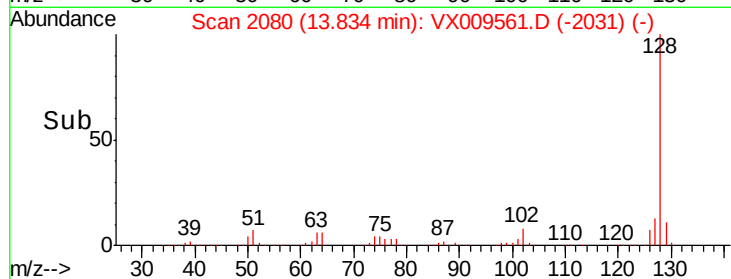
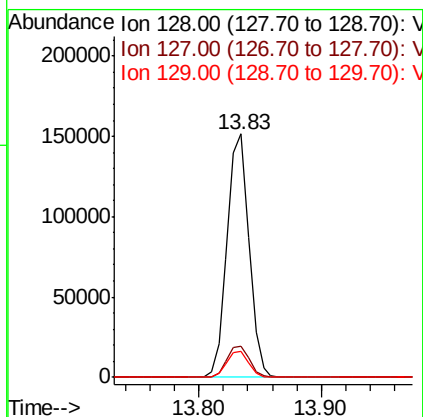
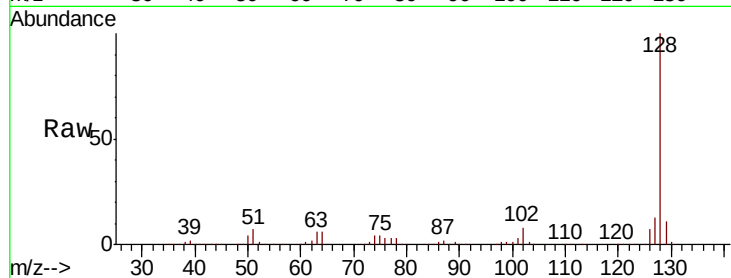




#95
Naphthalene
Concen: 22.529 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0514MBS01

Tot Ion:128 Resp: 187792
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.671 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009561.D
Acq: 14 May 2019 14:53

Tgt Ion:180 Resp: 58880
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.4
145 30.8 15.4 46.4

