

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009375.D
 Acq On : 07 May 2019 13:45
 Operator : JC/SP
 Sample : VX0507WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Quant Time: May 08 02:14:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122624	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120496	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	5.49	113	90647	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
50) Toluene-d8	8.71	98	369361	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	11.13	95	135030	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28602	17.700	ug/l	100
3) Chloromethane	1.32	50	38680	17.533	ug/l	99
4) Vinyl Chloride	1.40	62	38348	17.826	ug/l	100
5) Bromomethane	1.64	94	23378	18.106	ug/l	97
6) Chloroethane	1.72	64	25777	18.663	ug/l	98
7) Trichlorofluoromethane	1.93	101	49176	18.806	ug/l	99
8) Diethyl Ether	2.18	74	22779	18.390	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31866	19.405	ug/l	98
10) Methyl Iodide	2.51	142	29958	18.853	ug/l	99
11) Tert butyl alcohol	3.04	59	50154	90.514	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30485	18.528	ug/l	96
13) Acrolein	2.29	56	34414	68.580	ug/l	100
14) Allyl chloride	2.73	41	71352	17.795	ug/l	98
15) Acrylonitrile	3.14	53	124245	91.706	ug/l	99
16) Acetone	2.44	43	122506	95.308	ug/l	99
17) Carbon Disulfide	2.57	76	77110	16.693	ug/l	99
18) Methyl Acetate	2.77	43	55838	18.266	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	119890	18.765	ug/l	98
20) Methylene Chloride	2.85	84	36957	17.758	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31602	17.711	ug/l	98
22) Diisopropyl ether	3.85	45	144882	18.789	ug/l	96
23) Vinyl Acetate	3.81	43	625579	94.741	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69381	18.239	ug/l	99
25) 2-Butanone	4.67	43	190489	95.368	ug/l	99
26) 2,2-Dichloropropane	4.58	77	53057	18.739	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	39537	18.564	ug/l	99
28) Bromochloromethane	5.01	49	31917	19.152	ug/l	99
29) Tetrahydrofuran	5.13	42	121830	94.785	ug/l	99
30) Chloroform	5.21	83	64404	18.720	ug/l	99
31) Cyclohexane	5.57	56	65507	18.510	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	52894	18.469	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47720	18.976	ug/l	100
37) Ethyl Acetate	4.83	43	67137	19.161	ug/l	99
38) Carbon Tetrachloride	5.78	117	43784	19.163	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60040	19.440	ug/l	98
40) Benzene	6.14	78	149756	19.242	ug/l	100
41) Methacrylonitrile	5.04	41	38502	18.460	ug/l	95
42) 1,2-Dichloroethane	6.19	62	54539	19.535	ug/l	100
43) Isopropyl Acetate	6.45	43	107655	19.208	ug/l	100
44) Trichloroethene	7.21	130	35923	19.093	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42810	19.426	ug/l	100
46) Dibromomethane	7.66	93	24322	19.005	ug/l	99
47) Bromodichloromethane	7.90	83	49249	19.292	ug/l	99
48) Methyl methacrylate	7.77	41	55253	19.871	ug/l	98
49) 1,4-Dioxane	7.74	88	21709	384.981	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	361788	98.760	ug/l	100
52) Toluene	8.78	92	92227	19.494	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54842	19.028	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	61475	19.271	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38263	19.824	ug/l	95
56) Ethyl methacrylate	9.18	69	67446	19.576	ug/l	99
57) 1,3-Dichloropropane	9.37	76	65931	19.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	174238	95.329	ug/l	99
59) 2-Hexanone	9.49	43	284202	98.781	ug/l	98
60) Dibromochloromethane	9.58	129	36395	19.307	ug/l	98
61) 1,2-Dibromoethane	9.67	107	38532	19.777	ug/l	100
64) Tetrachloroethene	9.34	164	33190	19.693	ug/l	98
65) Chlorobenzene	10.13	112	97495	19.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34434	19.325	ug/l	99
67) Ethyl Benzene	10.25	91	176712	19.536	ug/l	98
68) m/p-Xylenes	10.36	106	130976	39.624	ug/l	100
69) o-Xylene	10.69	106	63232	19.388	ug/l	98
70) Styrene	10.71	104	110859	19.557	ug/l	99
71) Bromoform	10.85	173	27566	19.037	ug/l #	98
73) Isopropylbenzene	11.02	105	173449	19.451	ug/l	99
74) N-amyl acetate	10.90	43	98123	18.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	63306	19.044	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	71488	25.133	ug/l	83
77) Bromobenzene	11.26	156	42517	19.210	ug/l	99
78) n-propylbenzene	11.36	91	198508	19.493	ug/l	99
79) 2-Chlorotoluene	11.42	91	119240	18.979	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148725	19.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19901	17.901	ug/l	94
82) 4-Chlorotoluene	11.51	91	136463	19.226	ug/l	100
83) tert-Butylbenzene	11.77	119	141189	19.331	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	148411	19.693	ug/l	100
85) sec-Butylbenzene	11.94	105	169571	19.582	ug/l	100
86) p-Isopropyltoluene	12.06	119	155239	19.941	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76895	19.489	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76236	19.165	ug/l	98
89) n-Butylbenzene	12.38	91	139909	19.884	ug/l	100
90) Hexachloroethane	12.60	117	24960	18.820	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	77489	19.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14192	19.032	ug/l	99

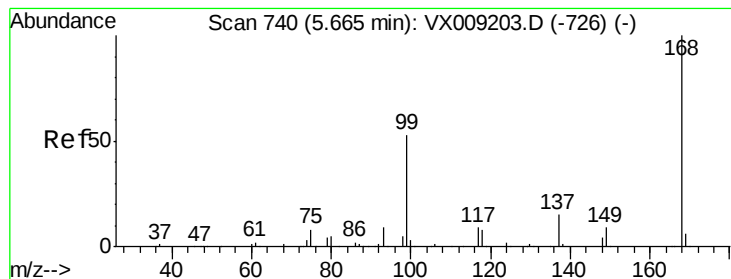
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56465	20.547	ug/l	98
94) Hexachlorobutadiene	13.78	225	28827	20.541	ug/l	98
95) Naphthalene	13.83	128	182692	20.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	58875	21.135	ug/l	99

(#) = 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: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

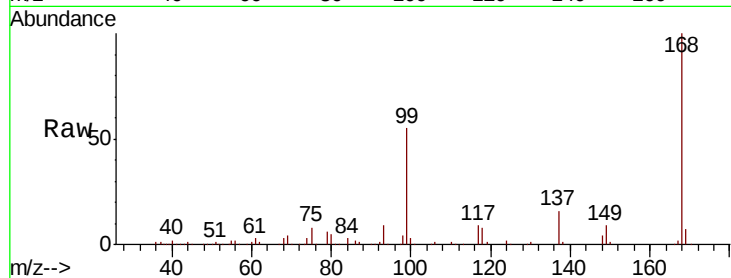
VX0507WBS02

Tot Ion:168 Resp: 175353

Ion Ratio Lower Upper

168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

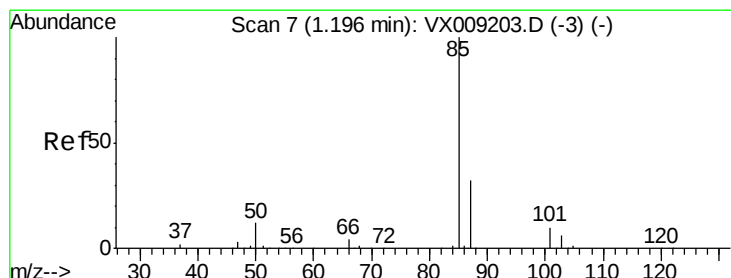
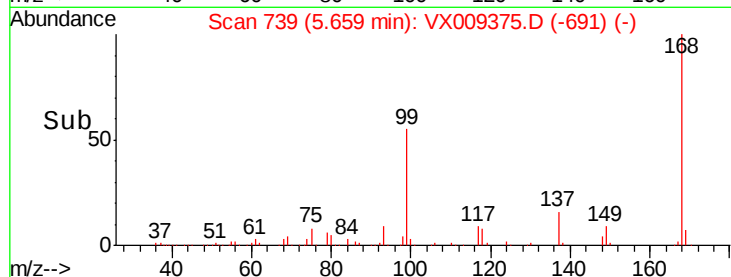
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.700 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009375.D

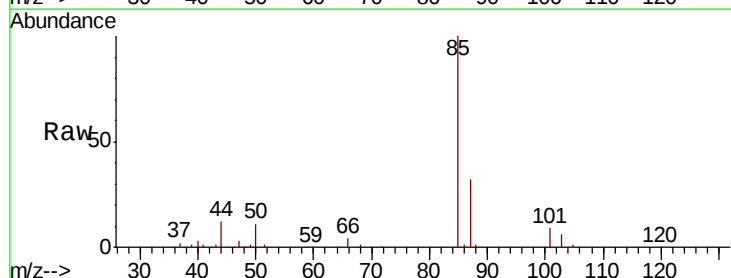
Acq: 07 May 2019 13:45

Tgt Ion: 85 Resp: 28602

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

15000

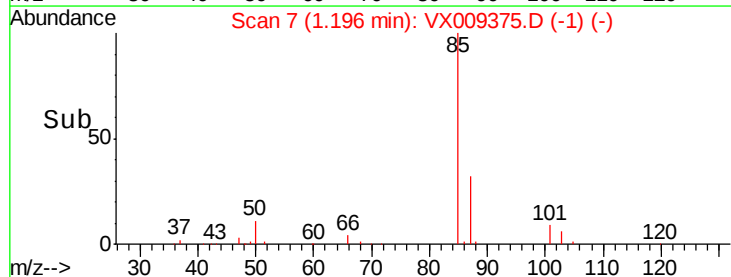
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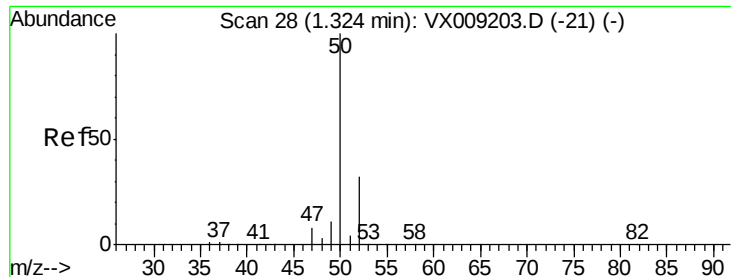
5000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.533 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

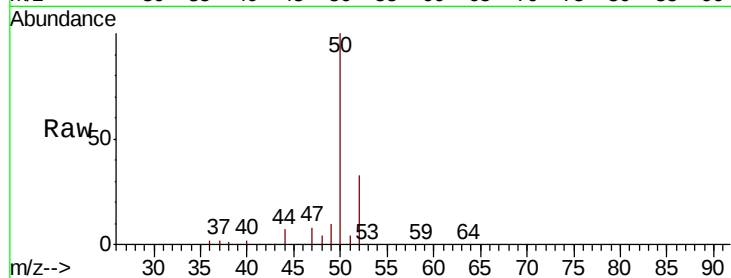
VX0507WBS02

Tot Ion: 50 Resp: 38680

Ion Ratio Lower Upper

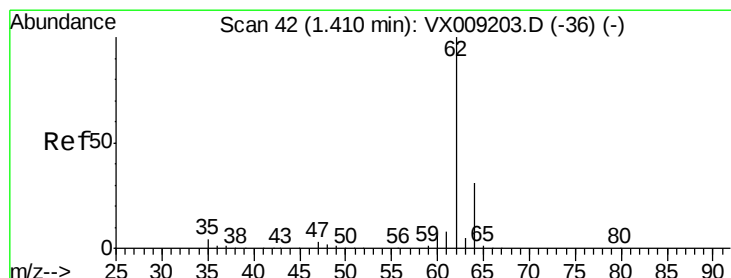
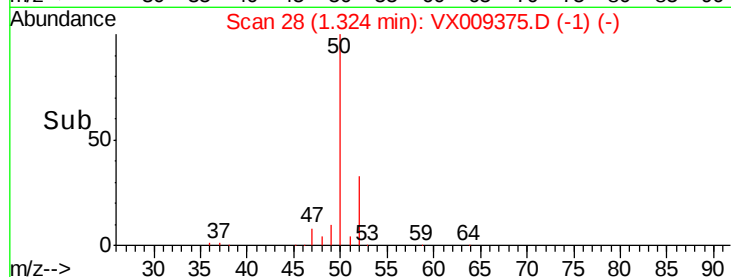
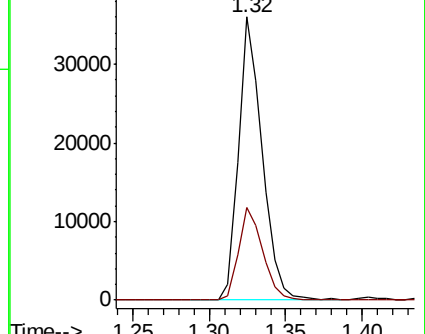
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.826 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009375.D

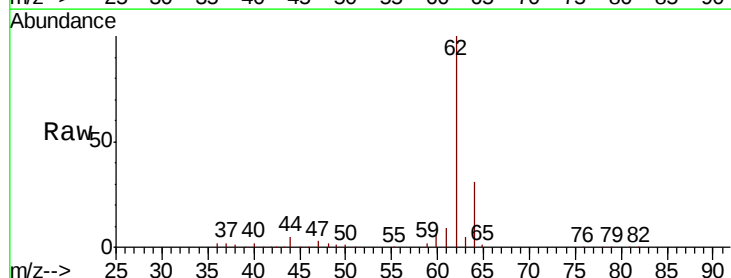
Acq: 07 May 2019 13:45

Tgt Ion: 62 Resp: 38348

Ion Ratio Lower Upper

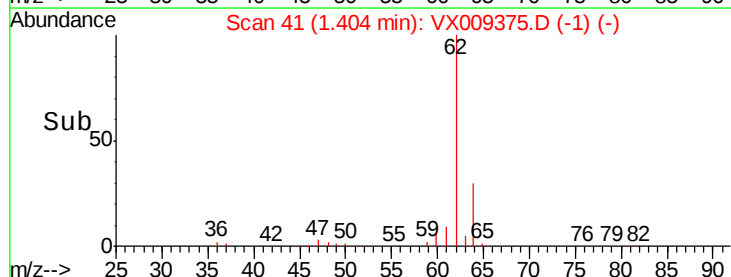
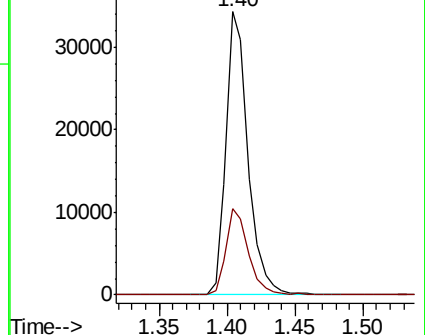
62 100

64 30.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.106 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

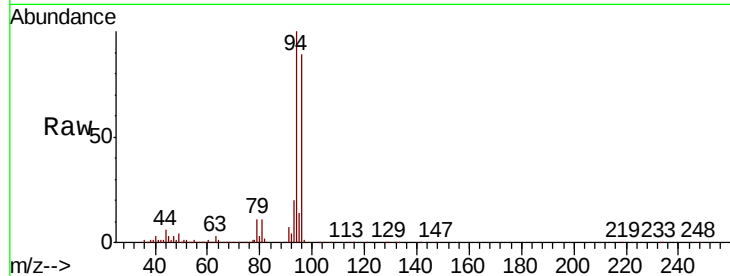
VX0507WBS02

Tot Ion: 94 Resp: 23378

Ion Ratio Lower Upper

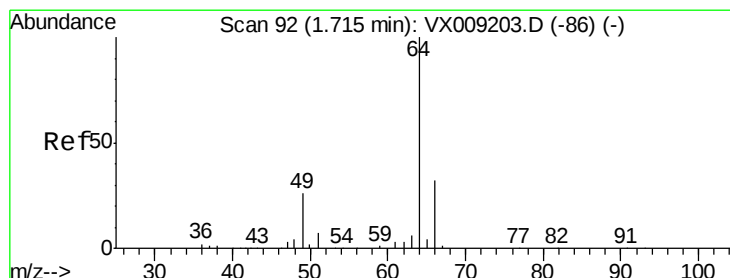
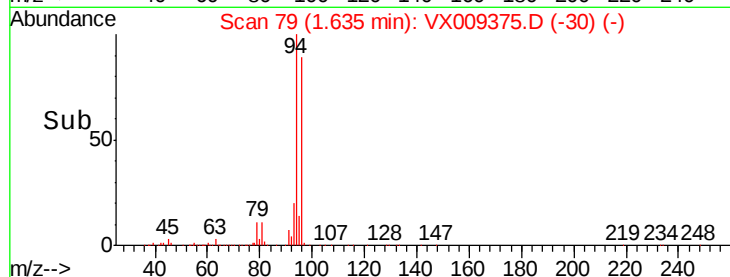
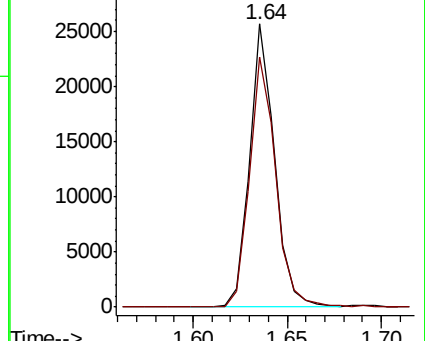
94 100

96 88.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.663 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009375.D

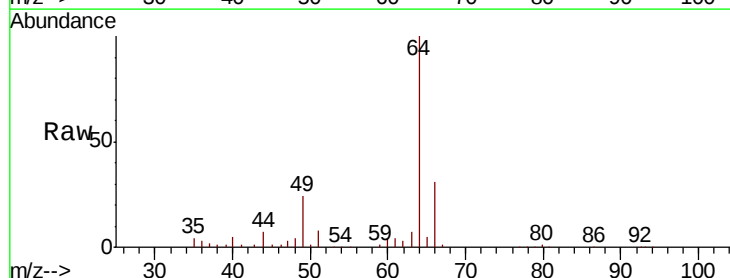
Acq: 07 May 2019 13:45

Tgt Ion: 64 Resp: 25777

Ion Ratio Lower Upper

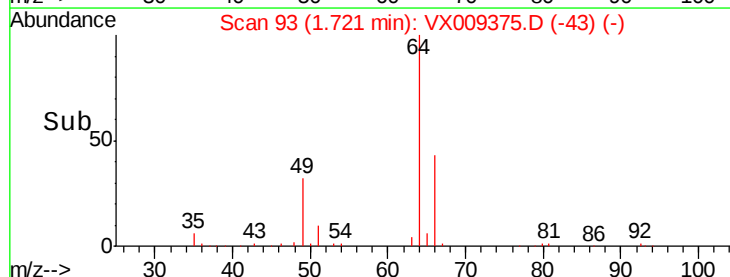
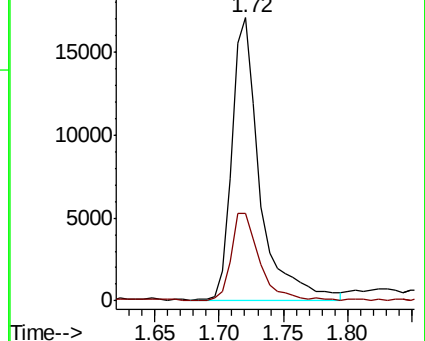
64 100

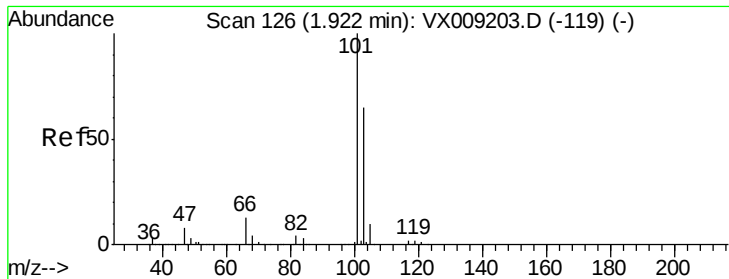
66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



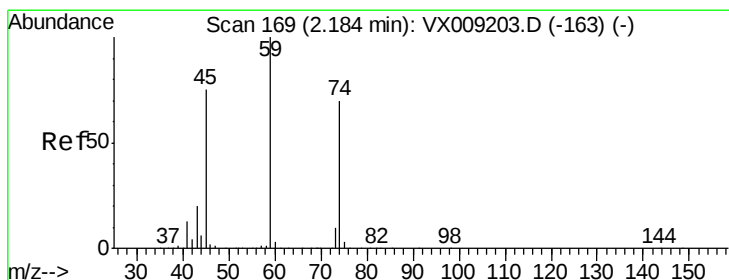
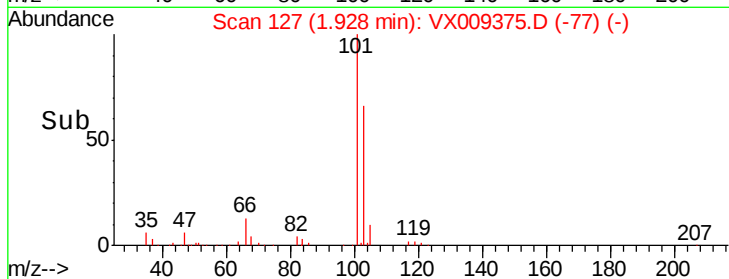
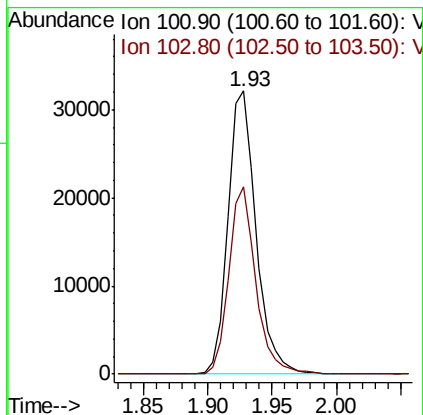
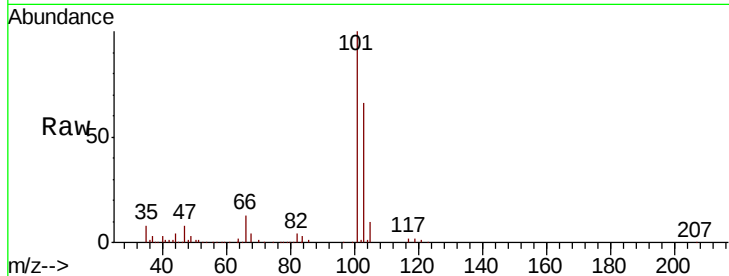


#7

Trichlorofluoromethane
 Concen: 18.806 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Instrument :
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 ClientSampleId :
 VX0507WBS02

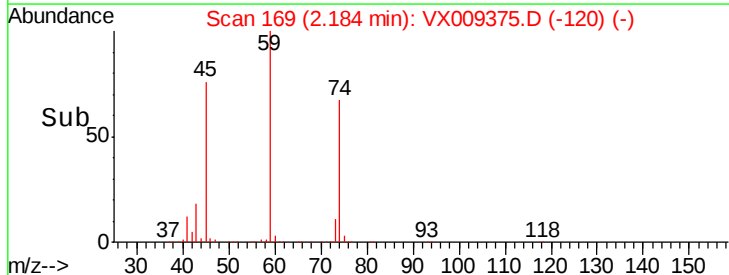
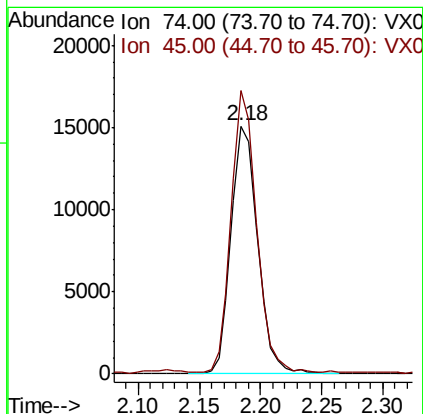
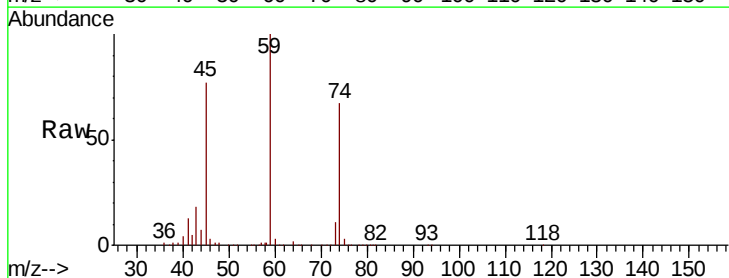
Tot Ion:101 Resp: 49176
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.4 78.6



#8

Diethyl Ether
 Concen: 18.390 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion: 74 Resp: 22779
 Ion Ratio Lower Upper
 74 100
 45 107.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.405 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

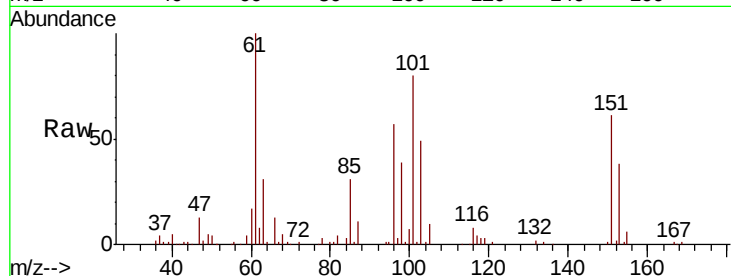
Tot Ion:101 Resp: 31866

Ion Ratio Lower Upper

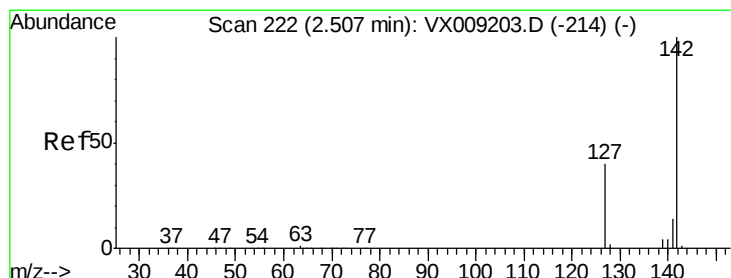
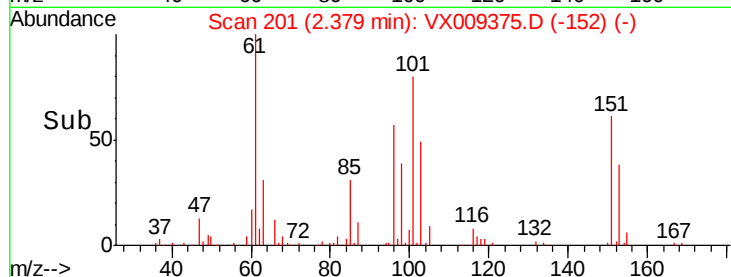
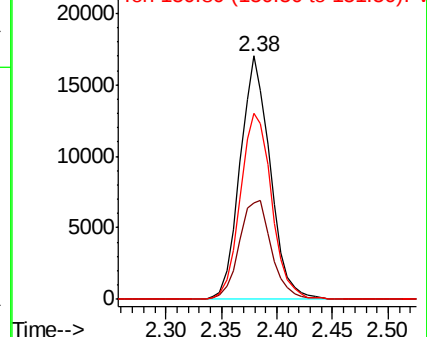
101 100

85 43.5 35.7 53.5

151 79.4 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.853 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

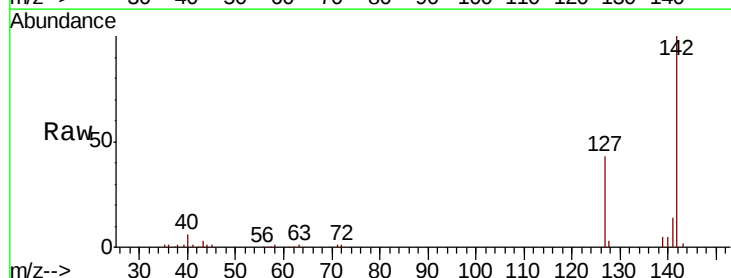
Tgt Ion:142 Resp: 29958

Ion Ratio Lower Upper

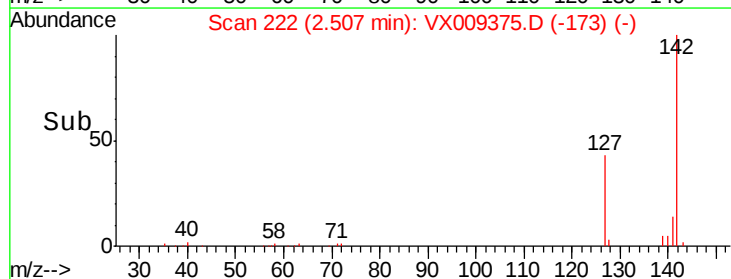
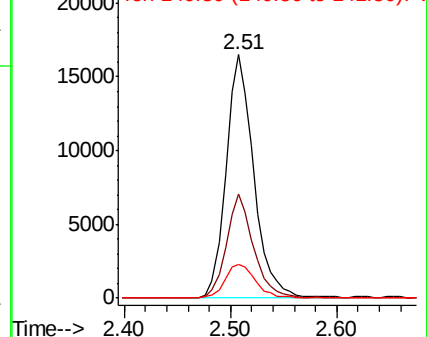
142 100

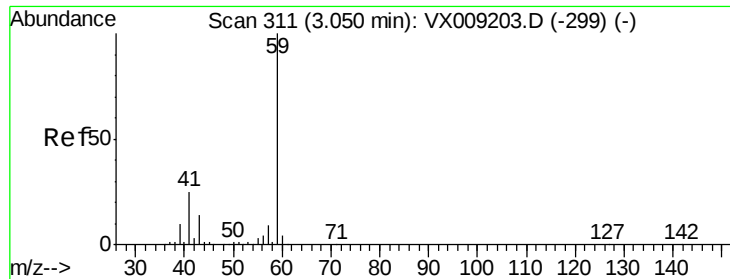
127 41.4 32.7 49.1

141 15.1 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

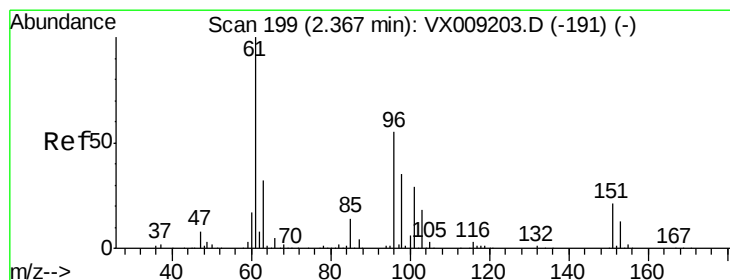
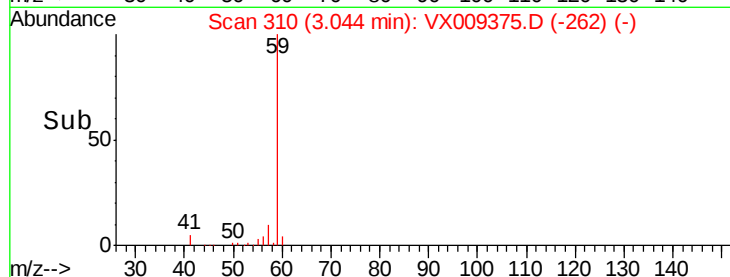
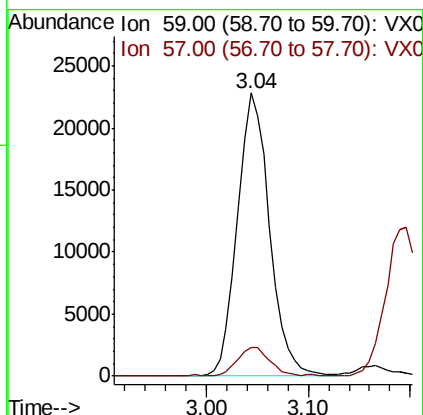
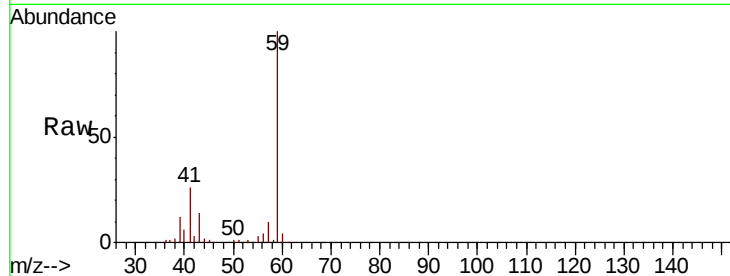




#11
Tert butyl alcohol
Concen: 90.514 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

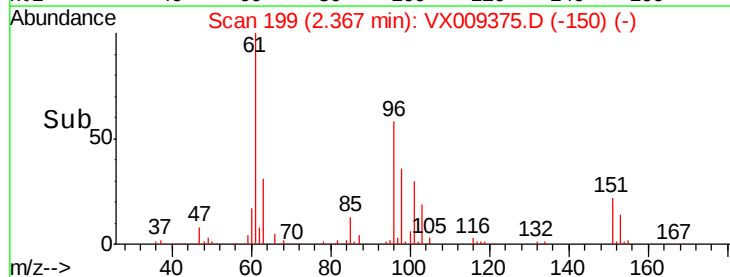
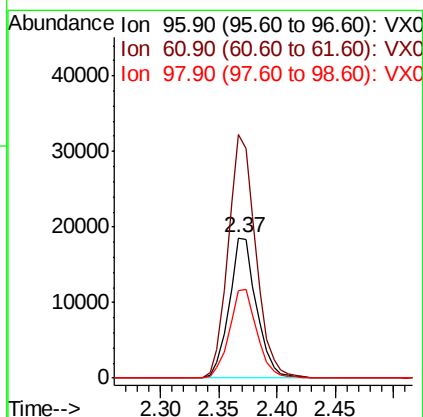
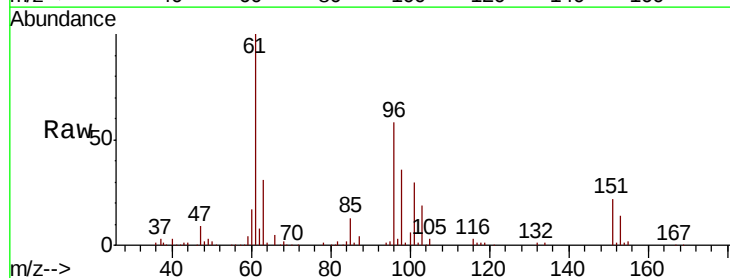
Instrument :
MSVOA_X
ClientSampled :
VX0507WBS02

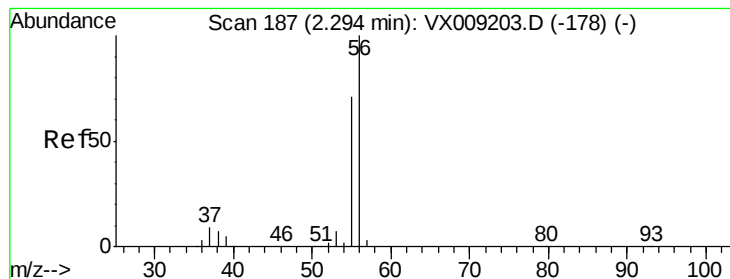
Tot Ion: 59 Resp: 50154
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.528 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion: 96 Resp: 30485
Ion Ratio Lower Upper
96 100
61 173.3 144.3 216.5
98 61.8 50.3 75.5





#13

Acrolein

Concen: 68.580 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

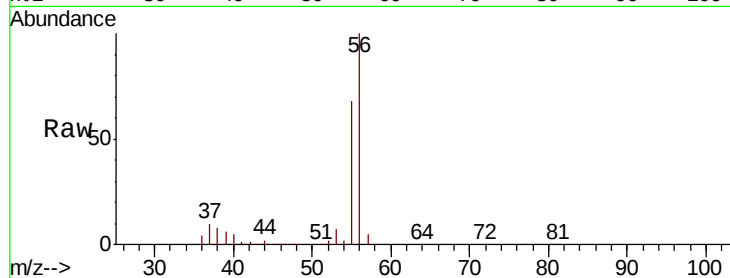
VX0507WBS02

Tot Ion: 56 Resp: 34414

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

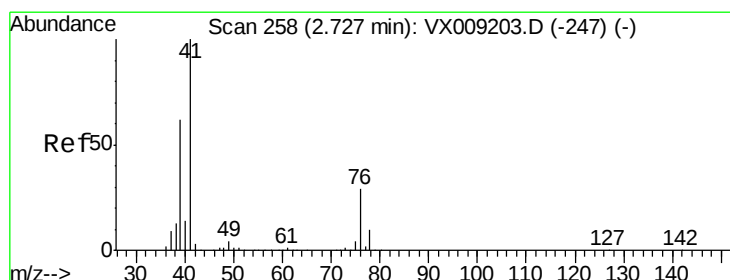
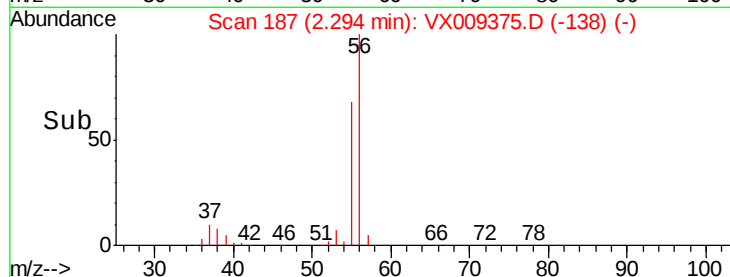
5000

0

Time-->

2.20 2.25 2.30 2.35 2.40

2.29



#14

Allyl chloride

Concen: 17.795 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

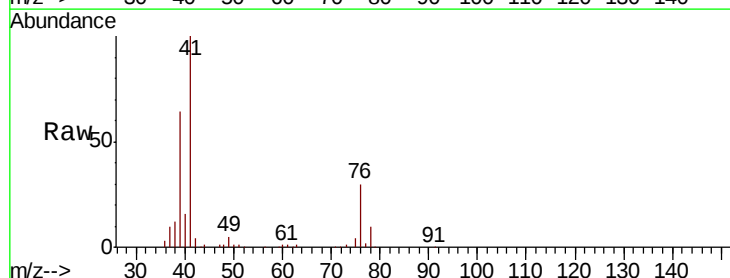
Tgt Ion: 41 Resp: 71352

Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

76 26.5 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

50000

40000

30000

20000

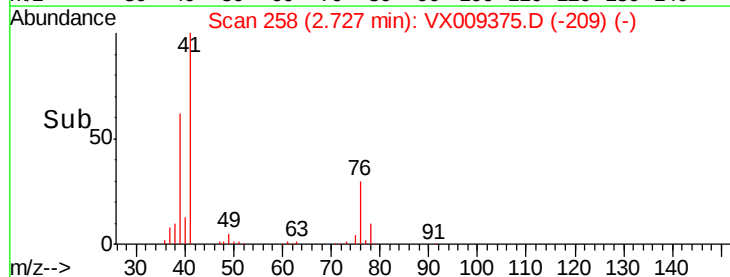
10000

0

Time-->

2.60 2.70 2.80

2.73





#15

Acrylonitrile

Concen: 91.706 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

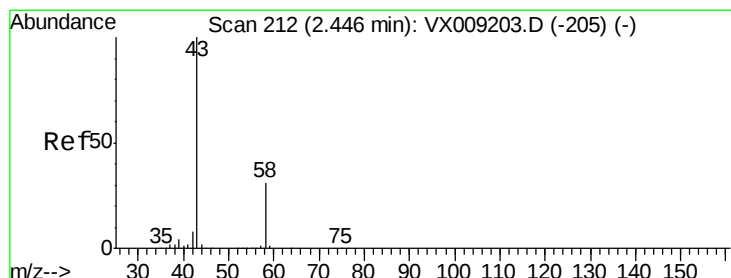
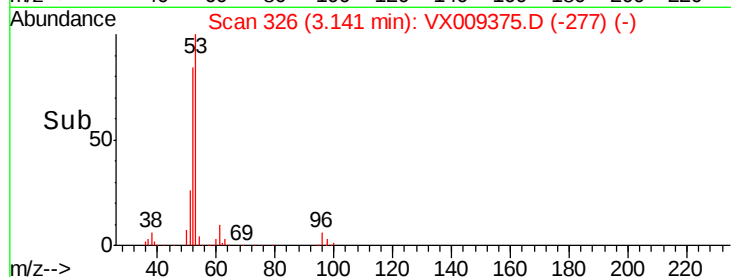
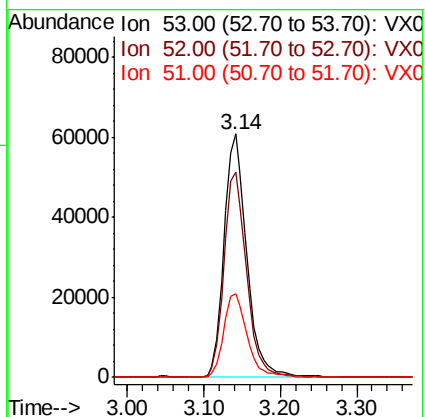
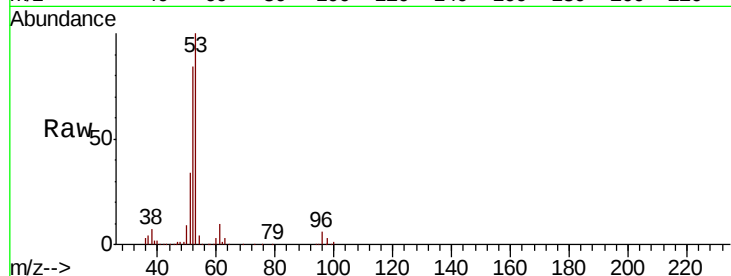
Tot Ion: 53 Resp: 124245

Ion Ratio Lower Upper

53 100

52 84.2 66.9 100.3

51 36.1 28.2 42.2



#16

Acetone

Concen: 95.308 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009375.D

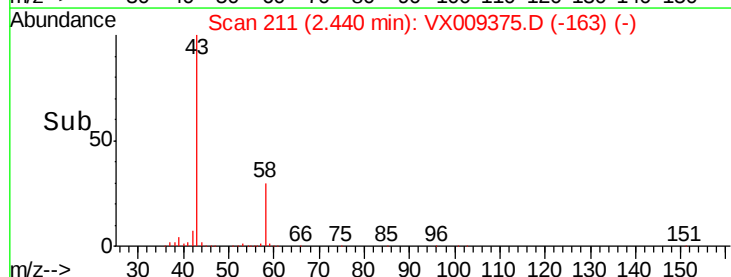
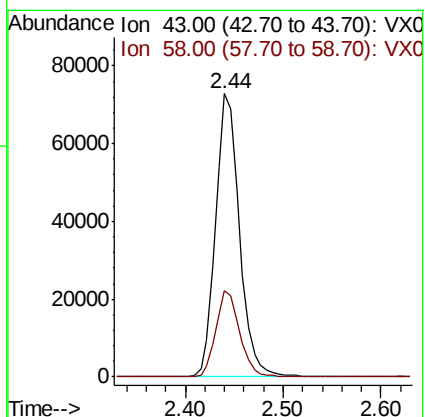
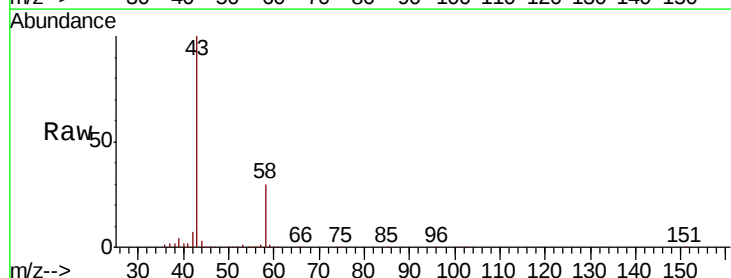
Acq: 07 May 2019 13:45

Tgt Ion: 43 Resp: 122506

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3

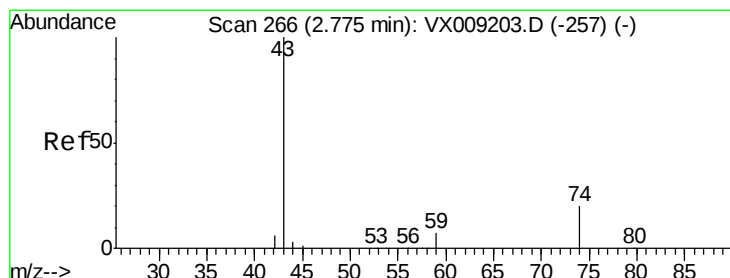
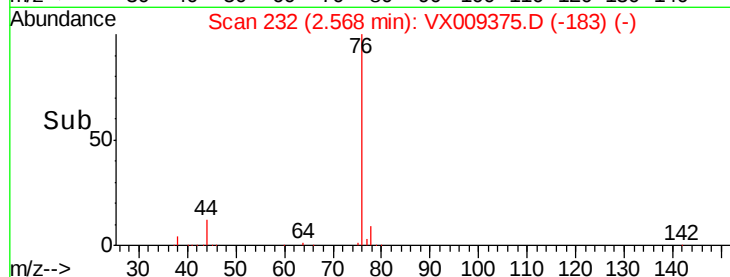
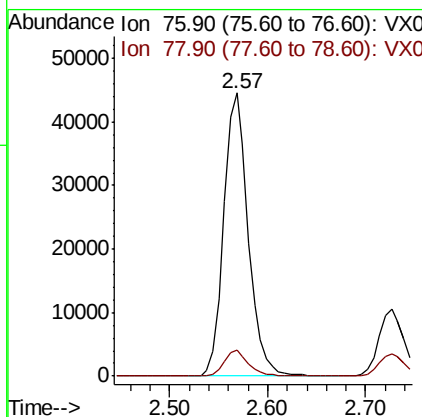
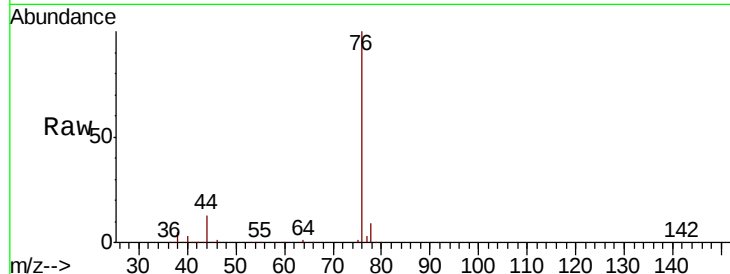




#17
Carbon Disulfide
Concen: 16.693 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

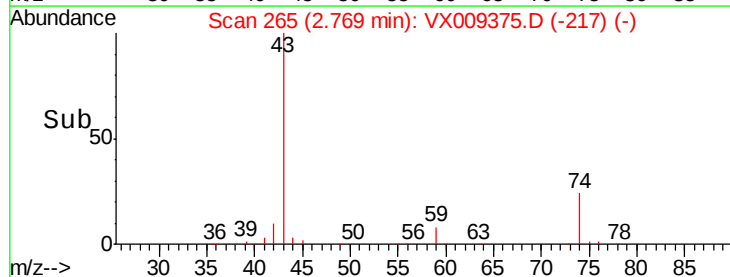
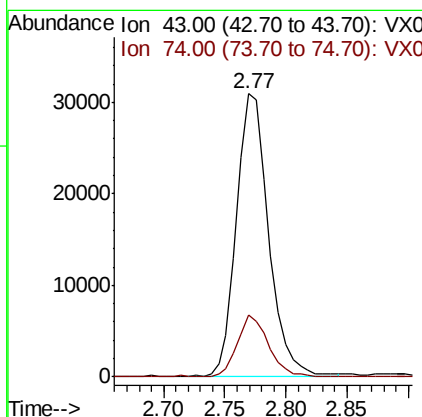
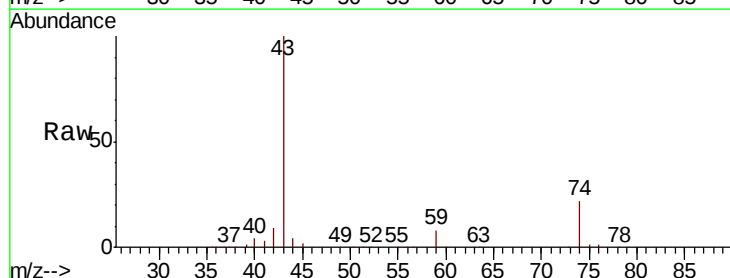
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

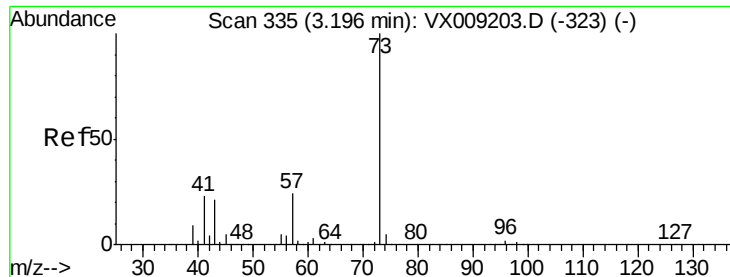
Tot Ion: 76 Resp: 77110
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 18.266 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion: 43 Resp: 55838
Ion Ratio Lower Upper
43 100
74 21.4 16.2 24.4



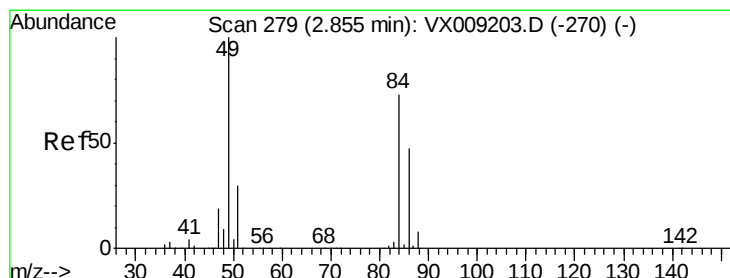
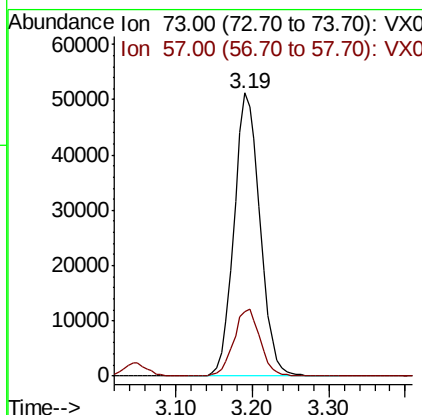
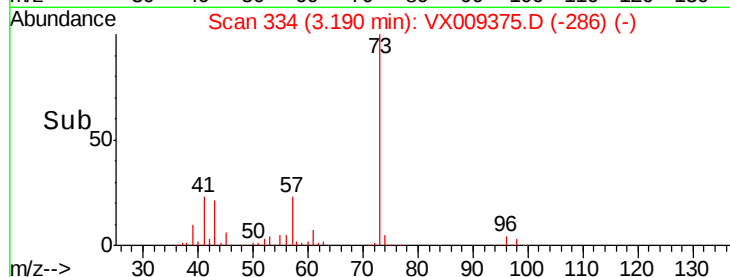
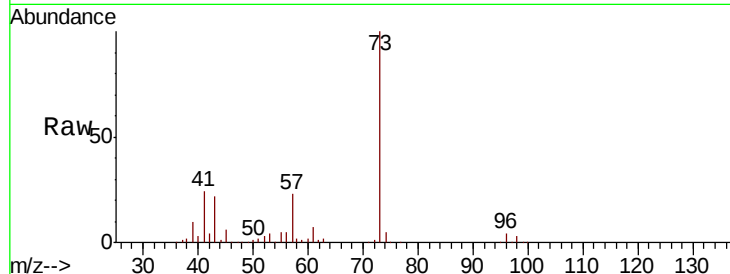


#19

Methyl tert-butyl Ether
 Concen: 18.765 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

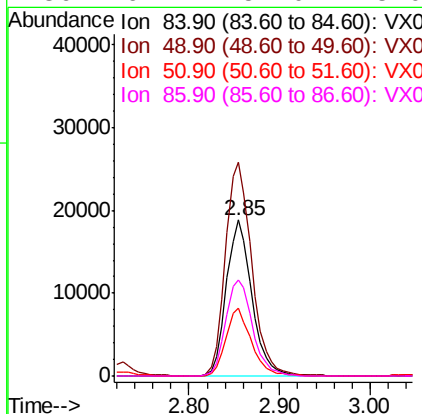
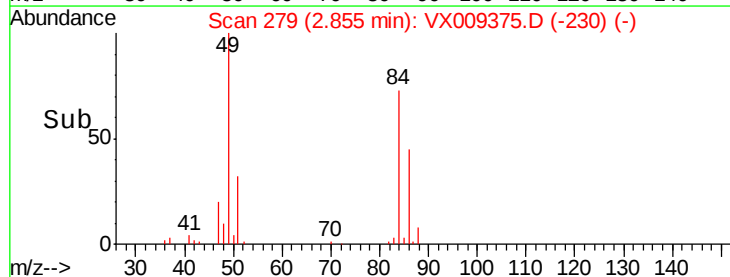
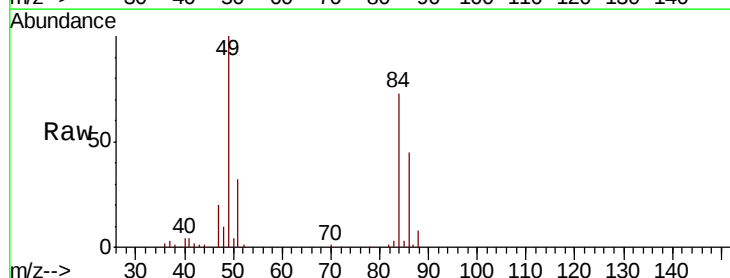
Tot Ion: 73 Resp: 119890
 Ion Ratio Lower Upper
 73 100
 57 23.0 19.3 28.9



#20

Methylene Chloride
 Concen: 17.758 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion: 84 Resp: 36957
 Ion Ratio Lower Upper
 84 100
 49 136.9 109.9 164.9
 51 44.0 32.7 49.1
 86 61.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.711 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

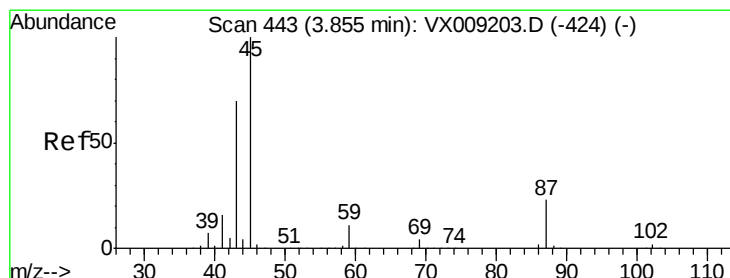
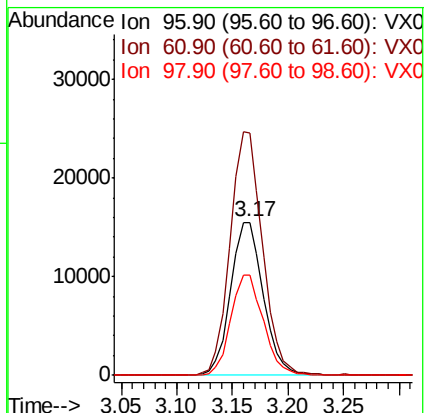
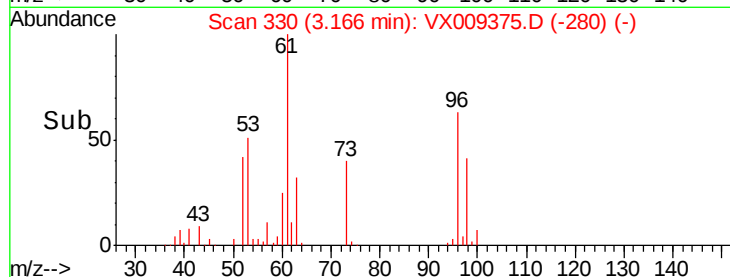
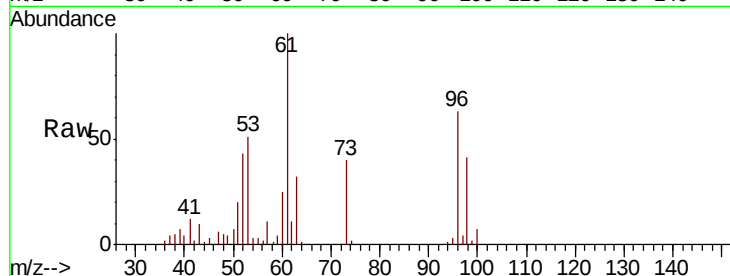
Tot Ion: 96 Resp: 31602

Ion Ratio Lower Upper

96 100

61 158.3 124.5 186.7

98 65.4 50.4 75.6



#22

Diisopropyl ether

Concen: 18.789 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Tgt Ion: 45 Resp: 144882

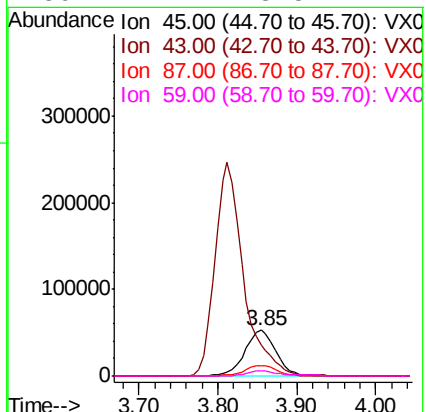
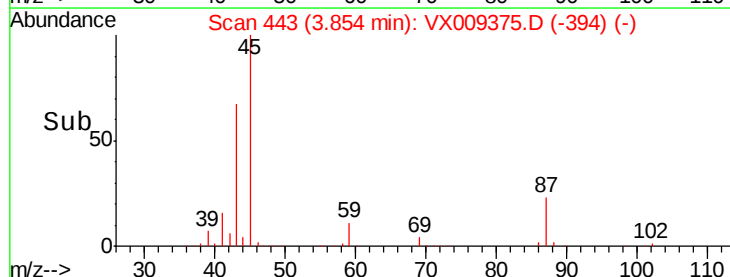
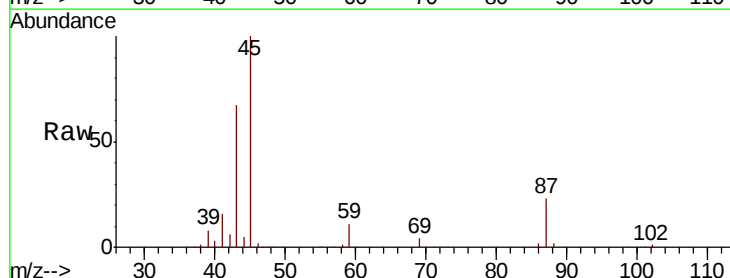
Ion Ratio Lower Upper

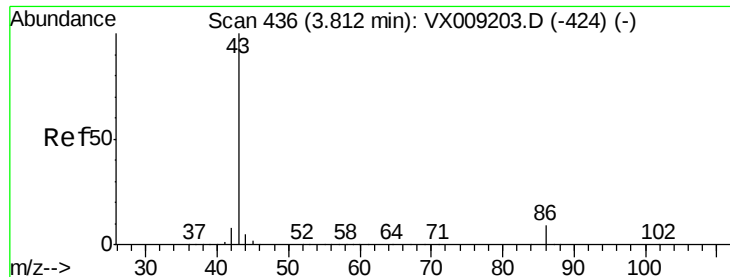
45 100

43 66.5 56.1 84.1

87 23.5 18.1 27.1

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 94.741 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleID :

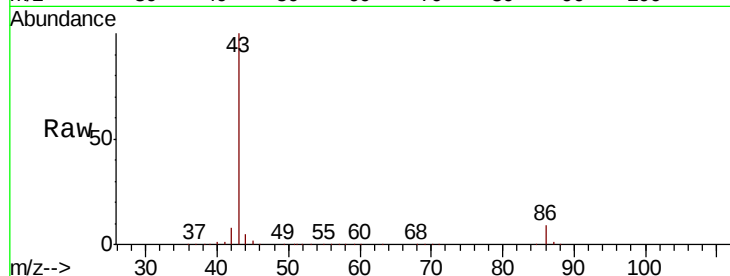
VX0507WBS02

Tot Ion: 43 Resp: 625579

Ion Ratio Lower Upper

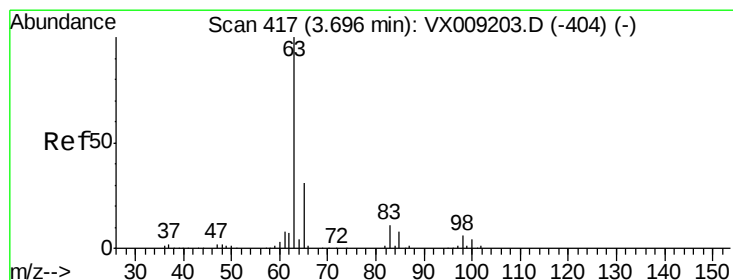
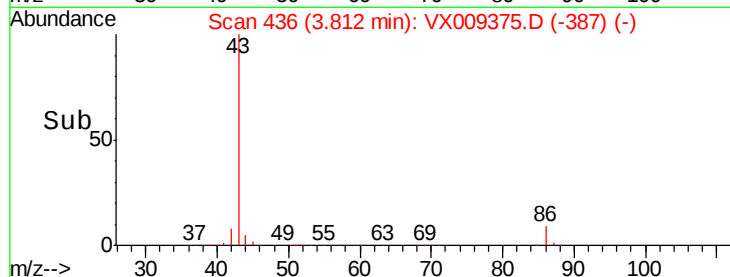
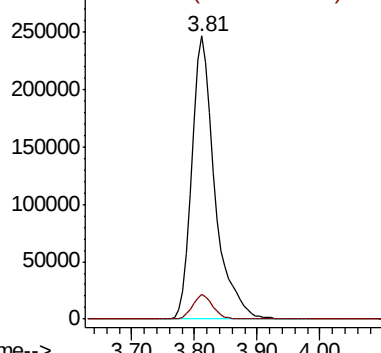
43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.239 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

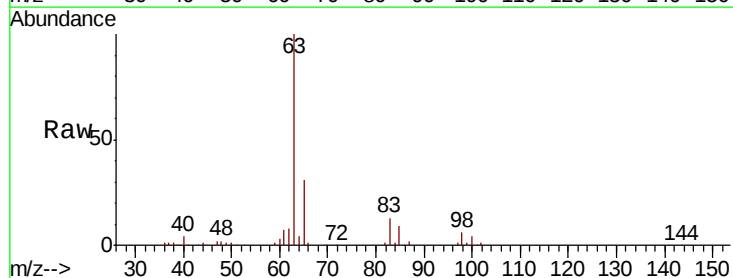
Tgt Ion: 63 Resp: 69381

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

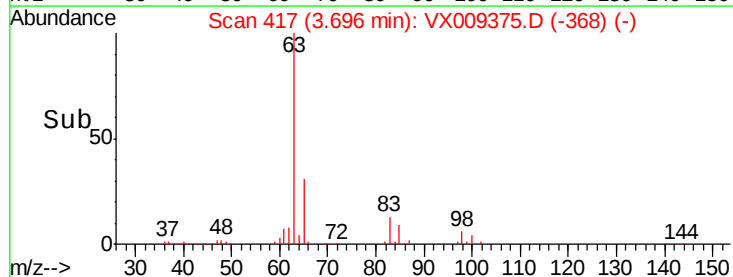
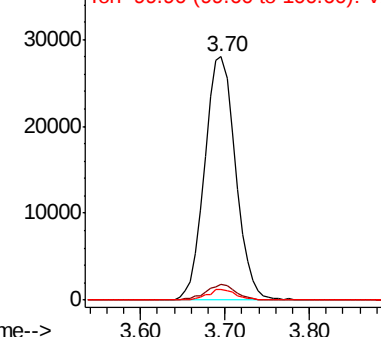
100 4.4 2.0 6.0

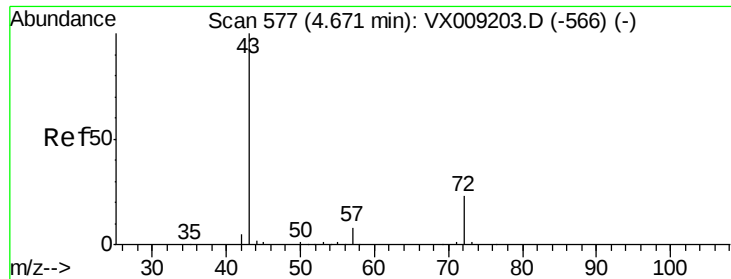


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.368 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

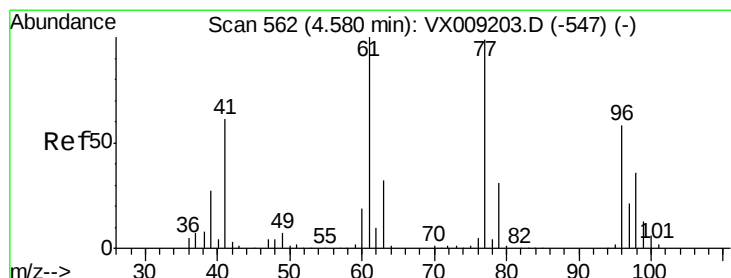
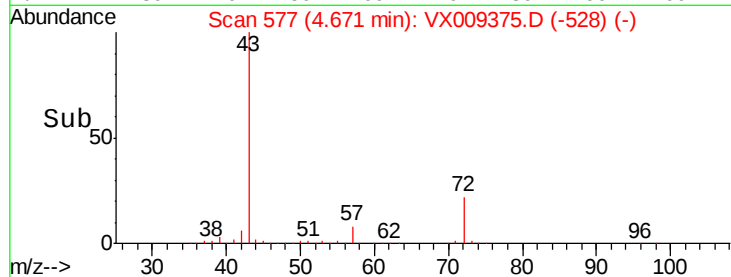
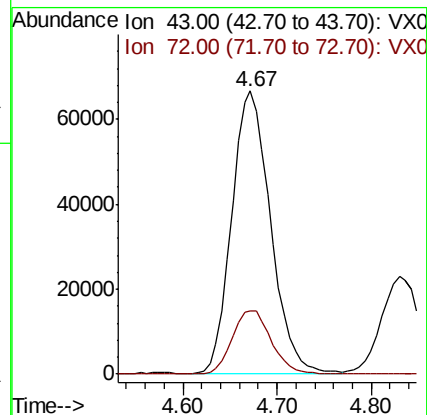
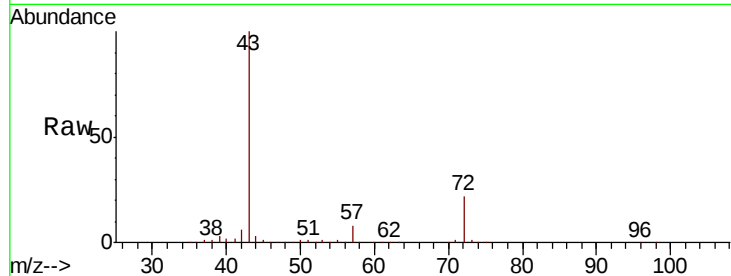
VX0507WBS02

Tot Ion: 43 Resp: 190489

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.2



#26

2,2-Dichloropropane

Concen: 18.739 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009375.D

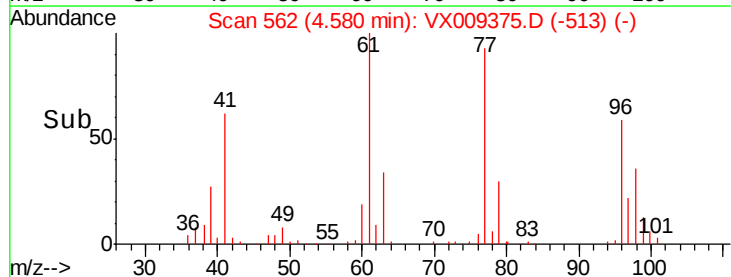
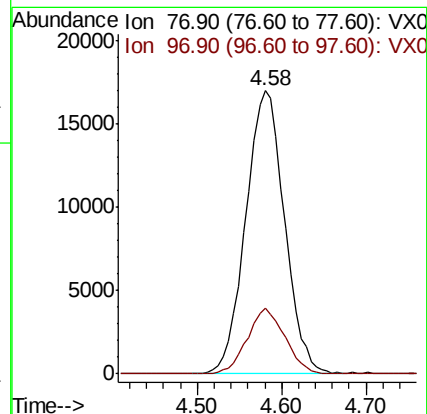
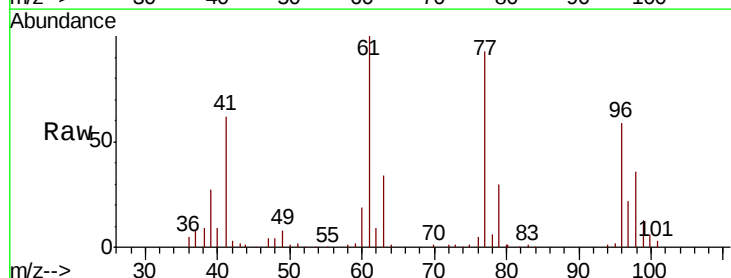
Acq: 07 May 2019 13:45

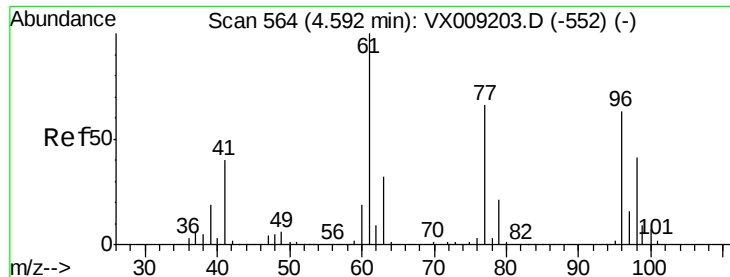
Tgt Ion: 77 Resp: 53057

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4



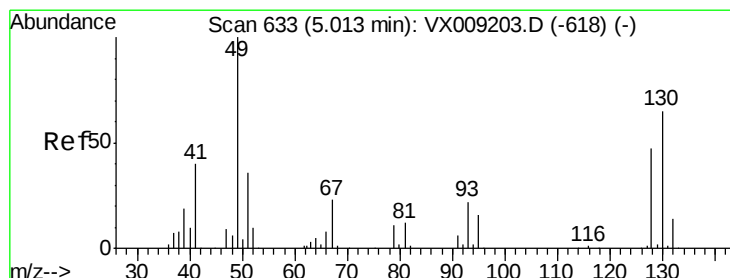
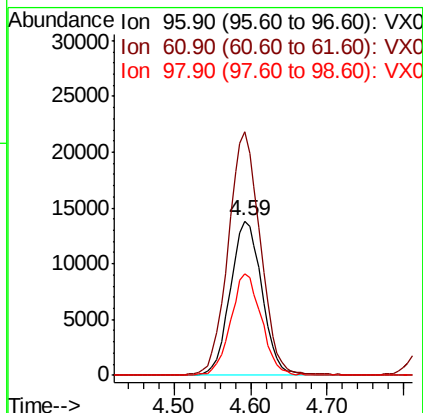
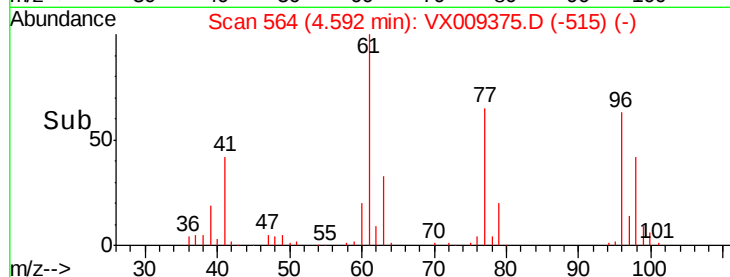
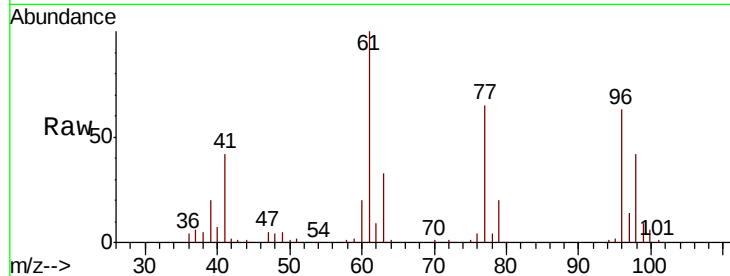


#27

cis-1,2-Dichloroethene
Concen: 18.564 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

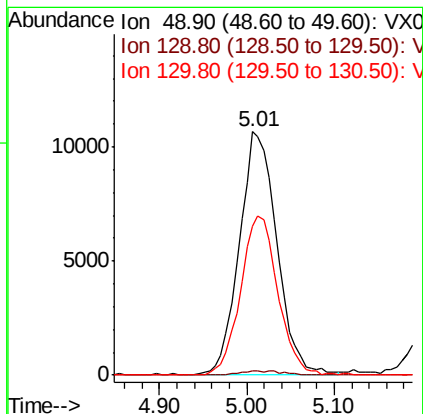
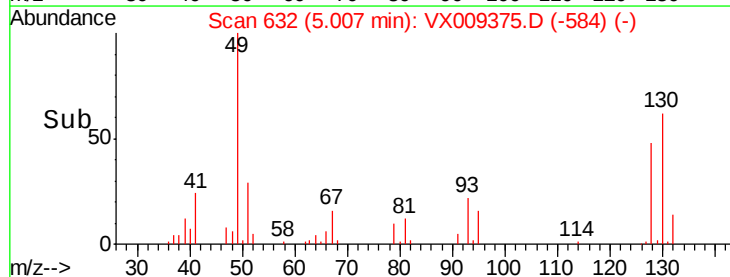
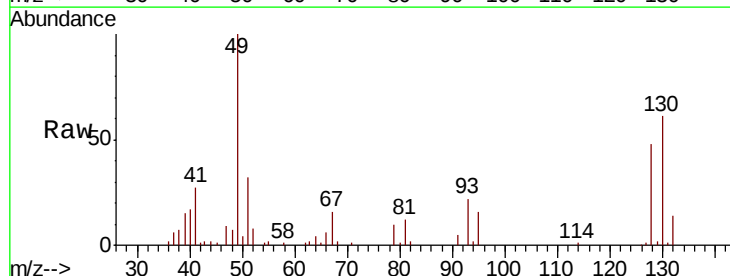
Tot Ion: 96 Resp: 39537
Ion Ratio Lower Upper
96 100
61 160.5 0.0 324.0
98 64.2 0.0 130.4

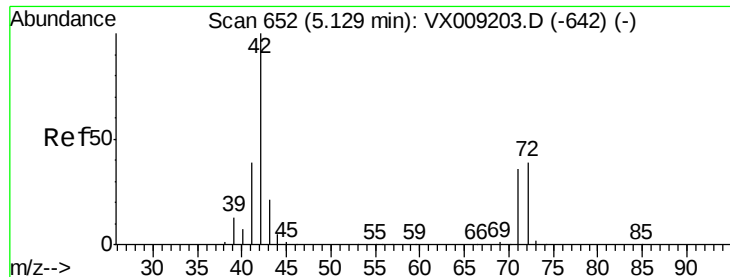


#28

Bromochloromethane
Concen: 19.152 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion: 49 Resp: 31917
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 64.6 51.2 76.8





#29

Tetrahydrofuran

Concen: 94.785 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

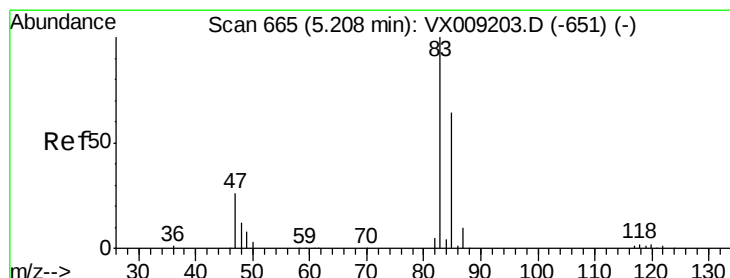
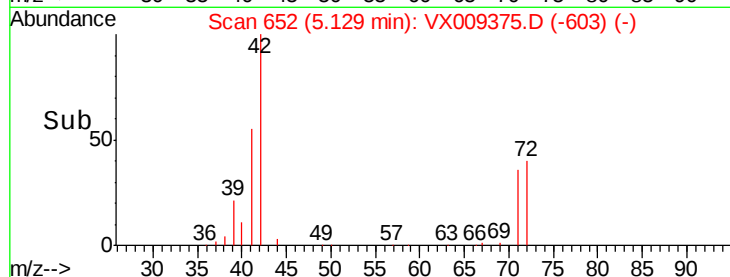
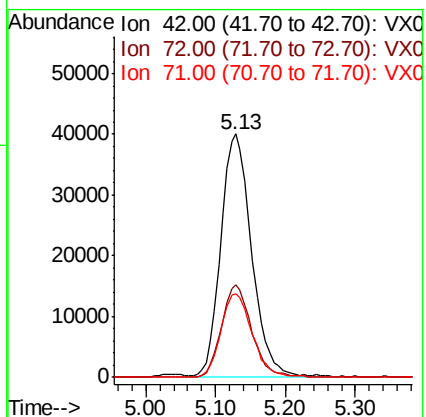
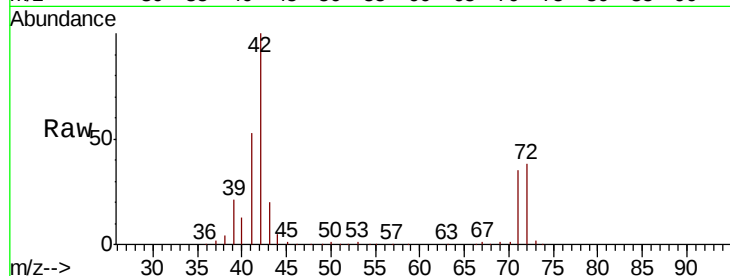
Tot Ion: 42 Resp: 121830

Ion Ratio Lower Upper

42 100

72 37.5 30.4 45.6

71 35.2 28.6 43.0



#30

Chloroform

Concen: 18.720 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009375.D

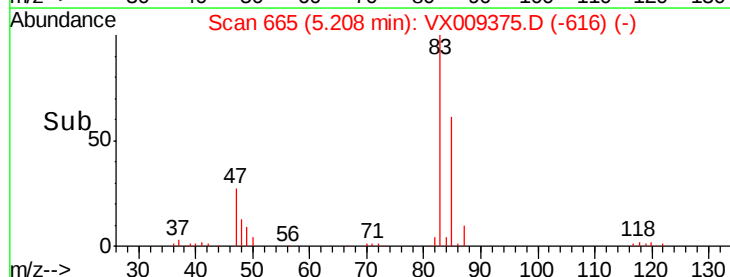
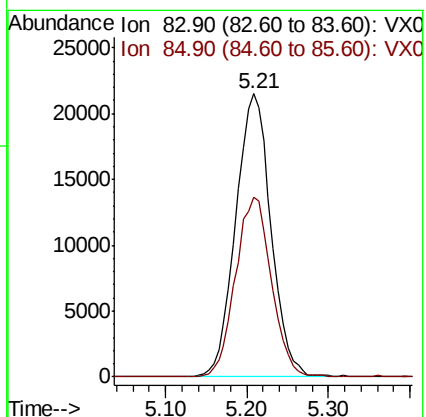
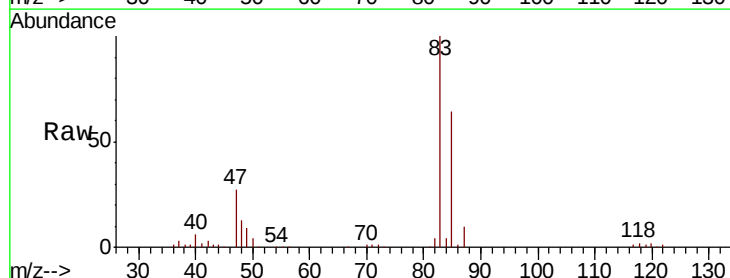
Acq: 07 May 2019 13:45

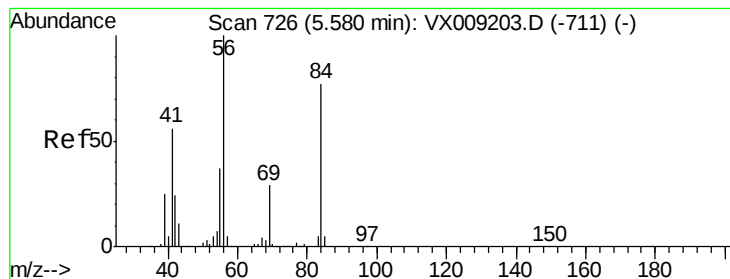
Tgt Ion: 83 Resp: 64404

Ion Ratio Lower Upper

83 100

85 63.6 51.5 77.3





#31

Cyclohexane

Concen: 18.510 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

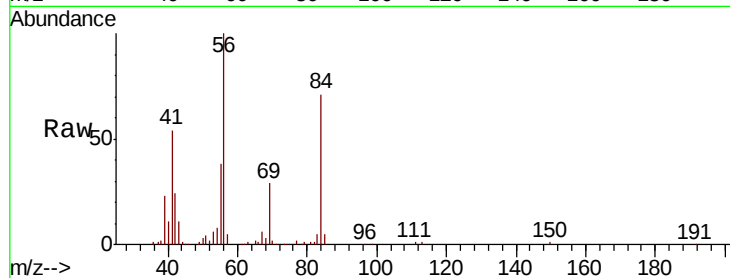
Tot Ion: 56 Resp: 65507

Ion Ratio Lower Upper

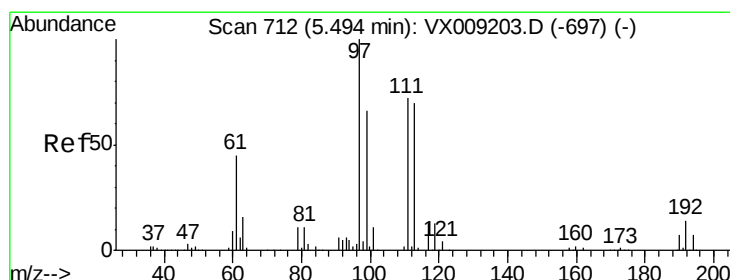
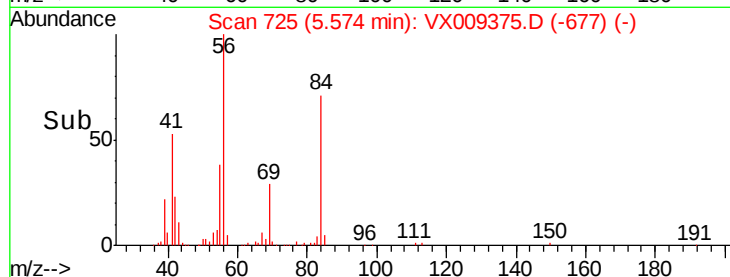
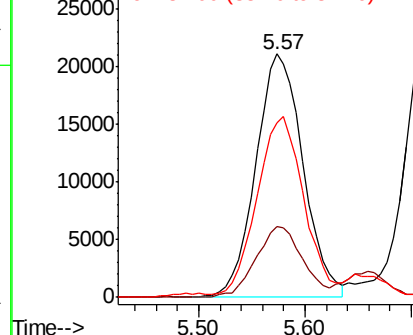
56 100

69 29.2 23.4 35.0

84 70.2 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: 18.469 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

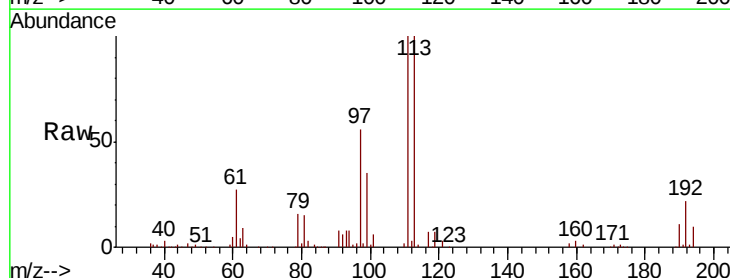
Tgt Ion: 97 Resp: 52894

Ion Ratio Lower Upper

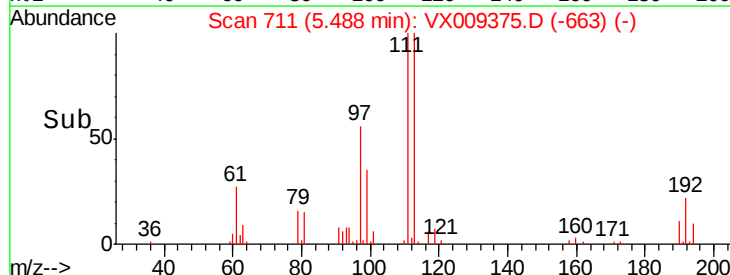
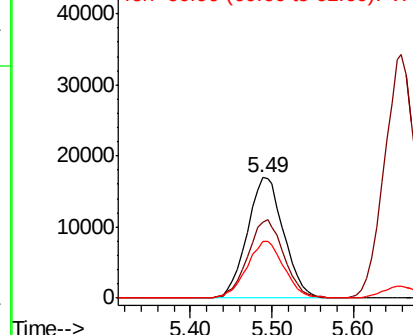
97 100

99 63.8 51.8 77.8

61 47.7 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

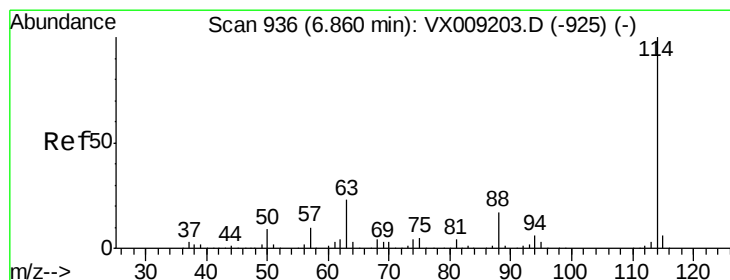
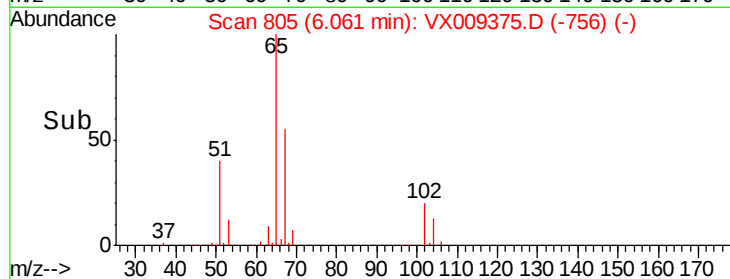
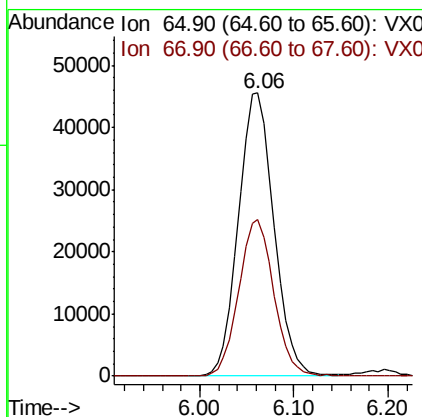
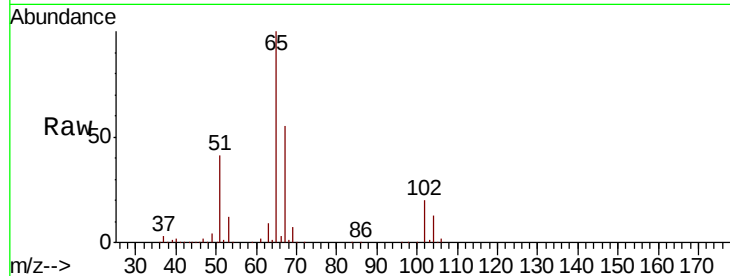




#33
 1,2-Dichloroethane-d4
 Concen: 50.337 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

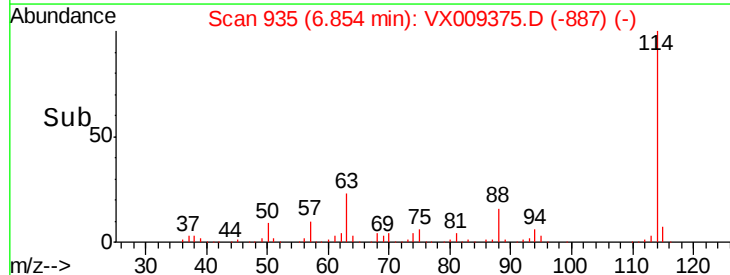
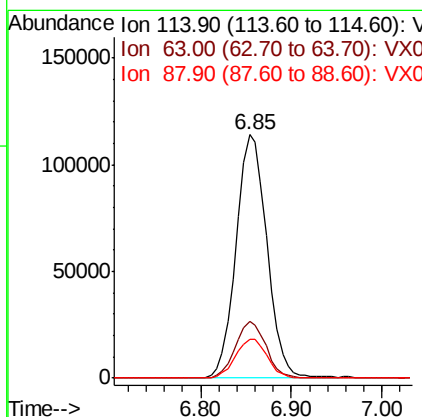
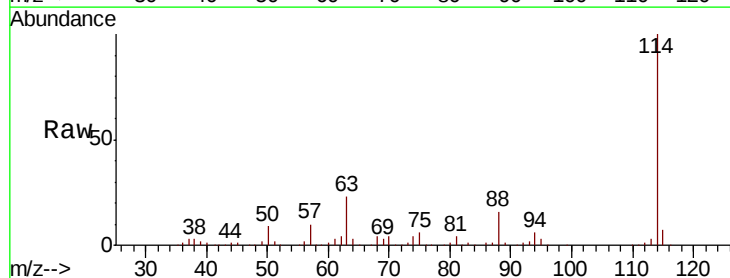
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

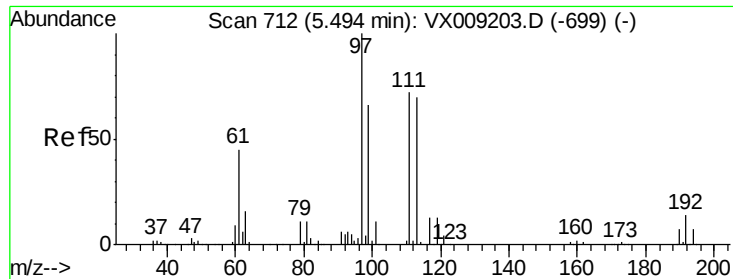
Tot Ion: 65 Resp: 120496
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion: 114 Resp: 270608
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.2 0.0 33.2

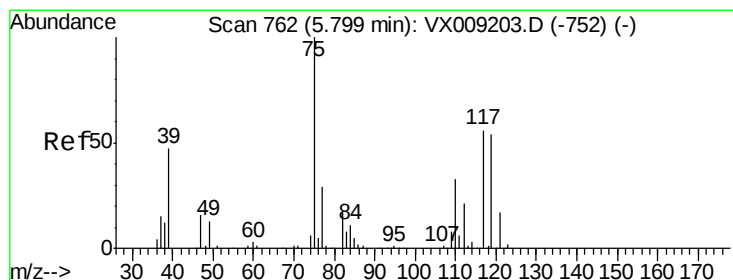
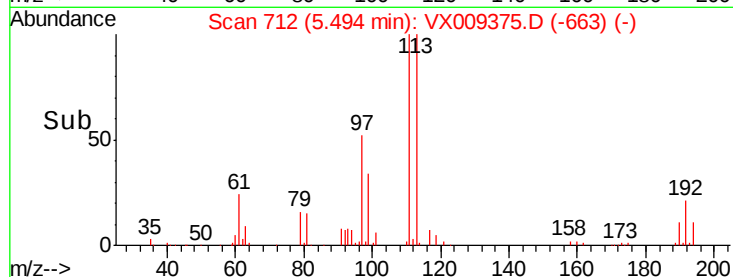
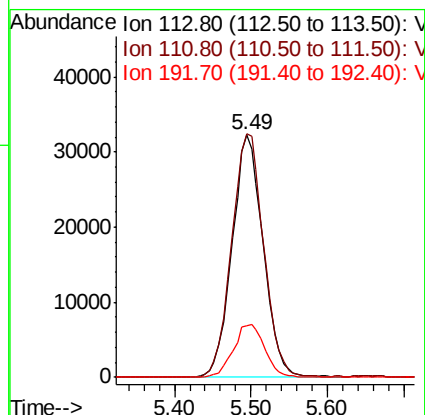
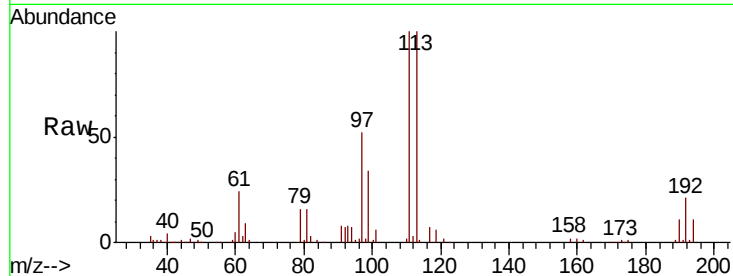




#35
 Dibromofluoromethane
 Concen: 53.286 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

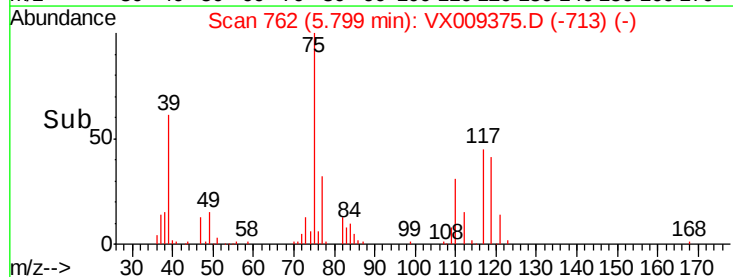
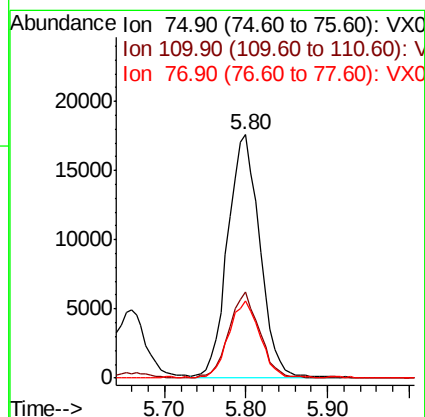
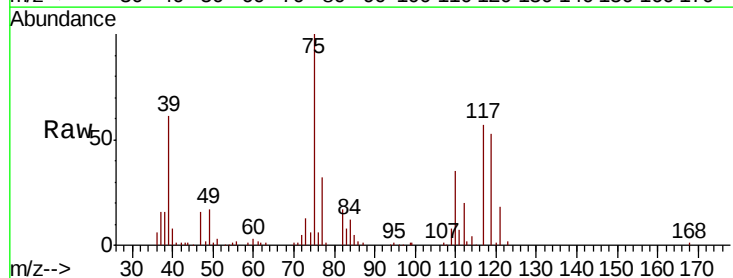
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

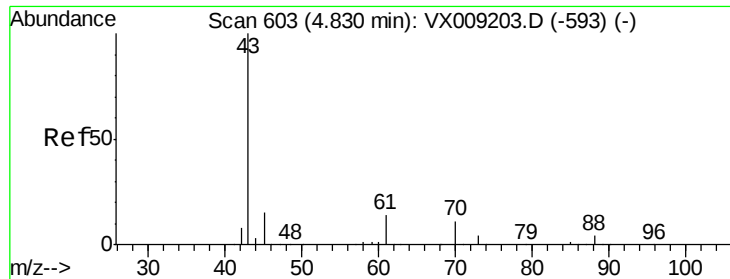
Tot Ion:113 Resp: 90647
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.8 124.2
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.976 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion: 75 Resp: 47720
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.9 50.6
 77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 19.161 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS02

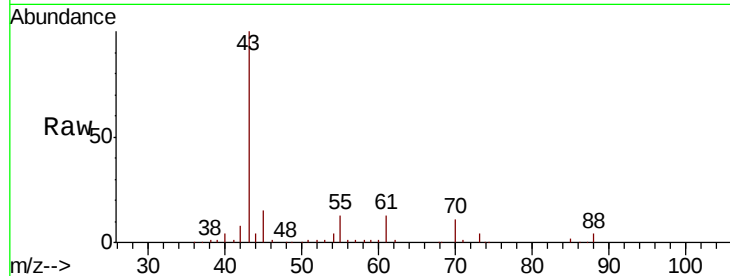
Tot Ion: 43 Resp: 67137

Ion Ratio Lower Upper

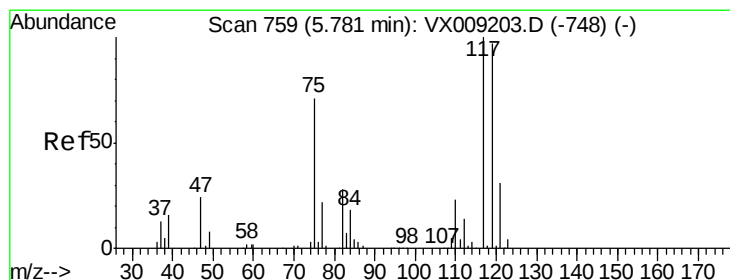
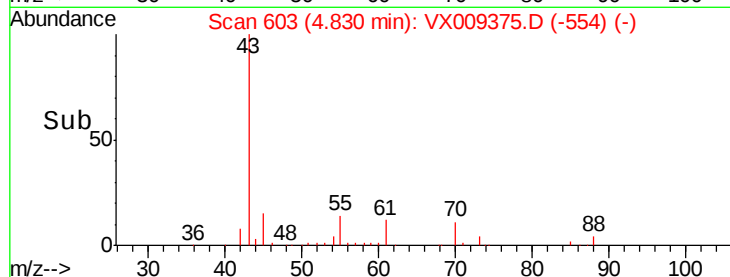
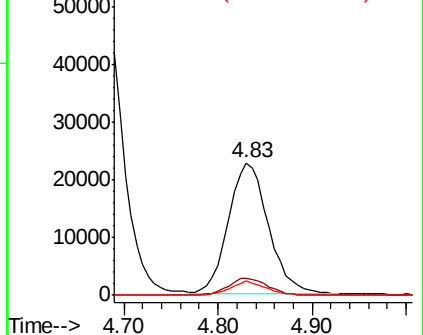
43 100

61 13.5 10.5 15.7

70 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.163 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

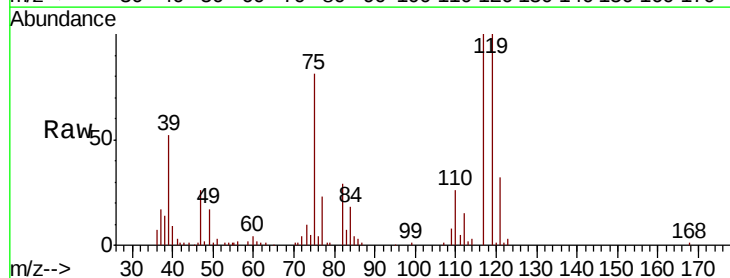
Tgt Ion: 117 Resp: 43784

Ion Ratio Lower Upper

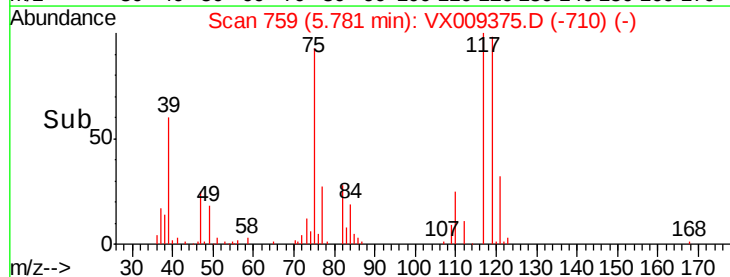
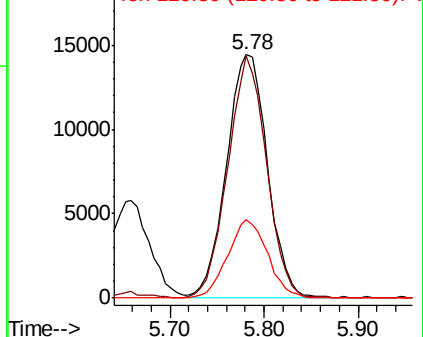
117 100

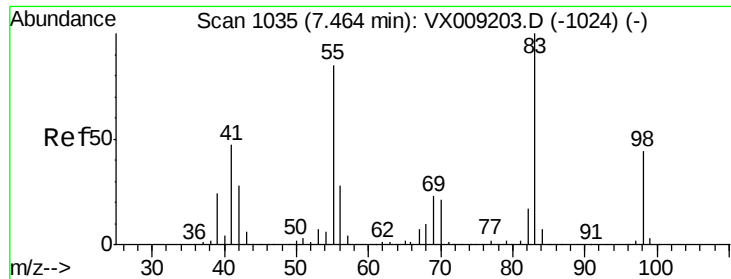
119 99.5 77.5 116.3

121 32.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

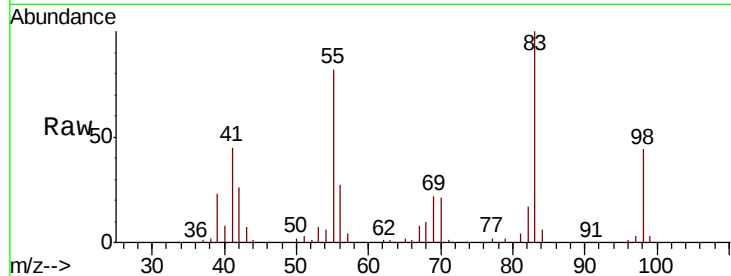




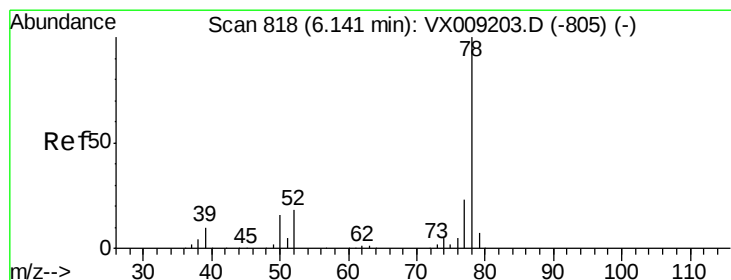
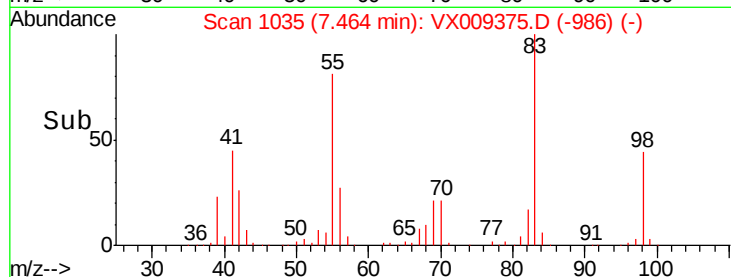
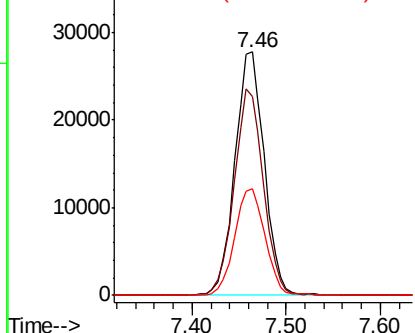
#39
Methvlcvclohexane
Concen: 19.440 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion: 83 Resp: 60040
Ion Ratio Lower Upper
83 100
55 81.6 67.7 101.5
98 43.7 35.5 53.3

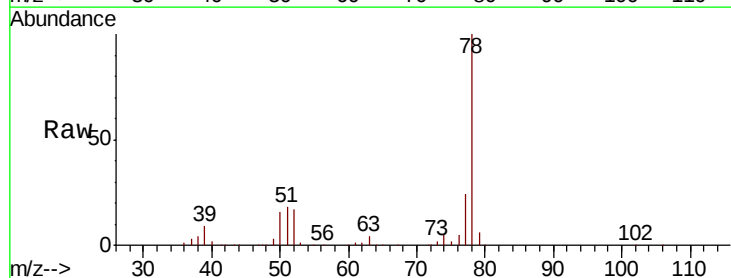


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

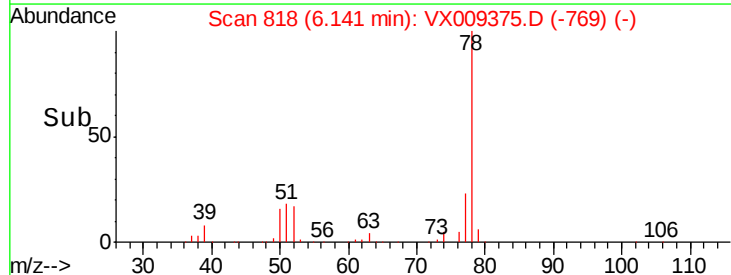
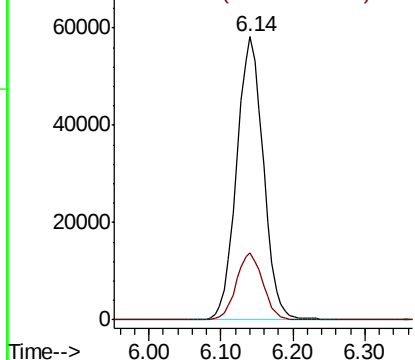


#40
Benzene
Concen: 19.242 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion: 78 Resp: 149756
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

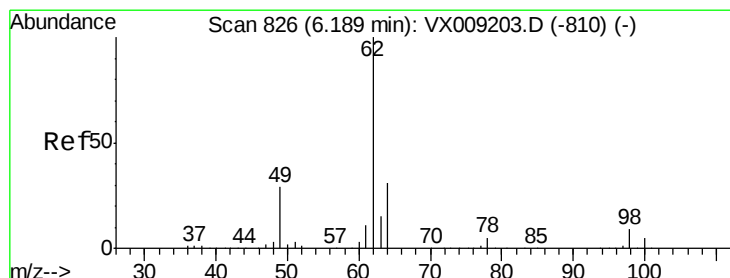
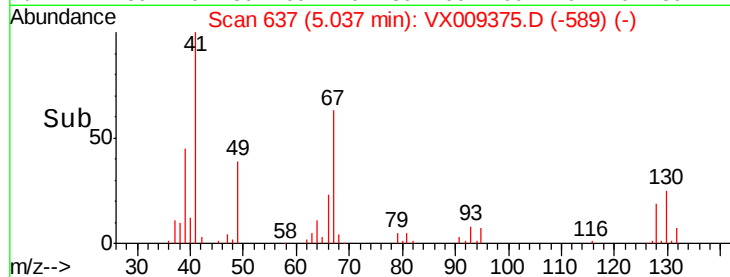
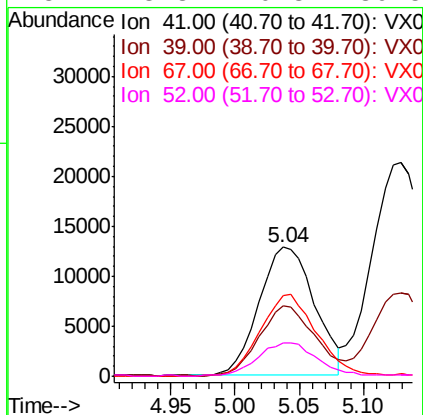
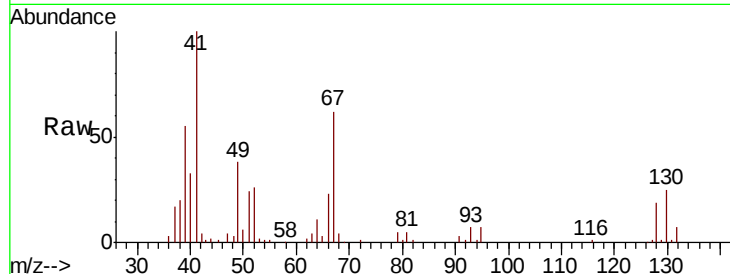




#41
Methacrylonitrile
Concen: 18.460 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

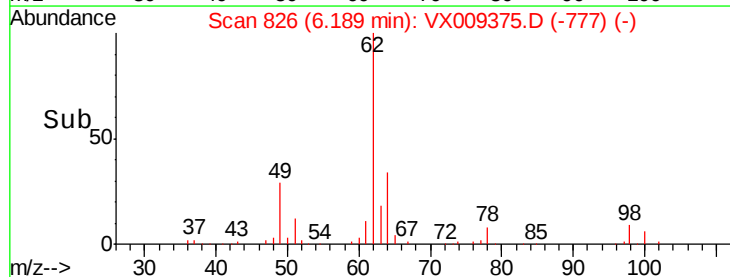
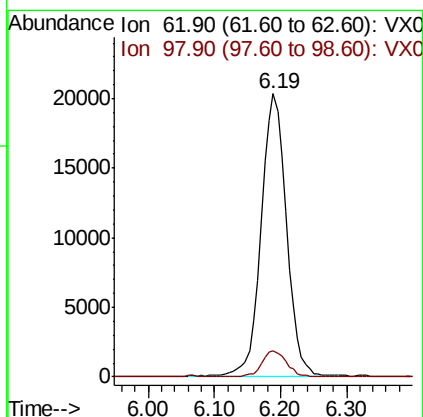
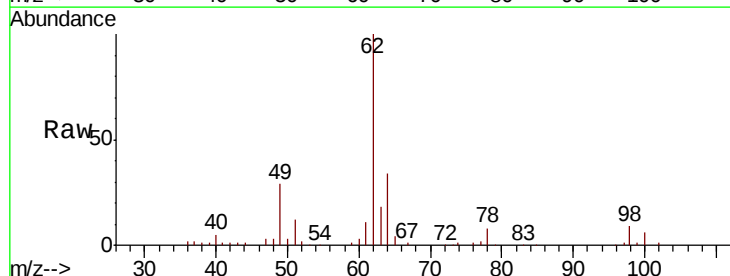
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

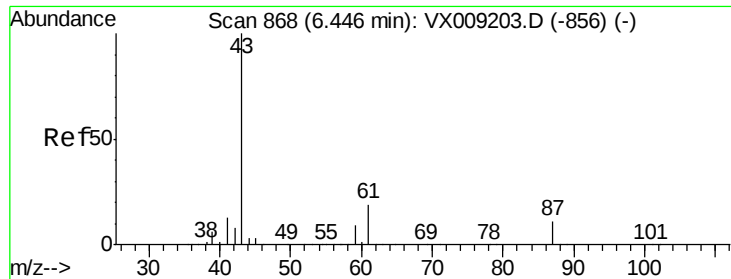
Tot Ion:	41	Resp:	38502
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.0	63.0
67	65.4	49.8	74.8
52	28.3	20.3	30.5



#42
1,2-Dichloroethane
Concen: 19.535 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion:	62	Resp:	54539
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.208 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

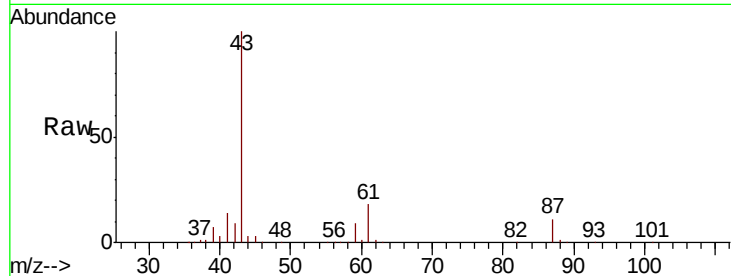
Tot Ion: 43 Resp: 107655

Ion Ratio Lower Upper

43 100

61 18.8 15.1 22.7

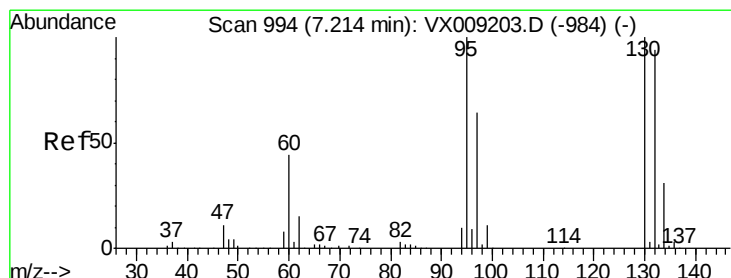
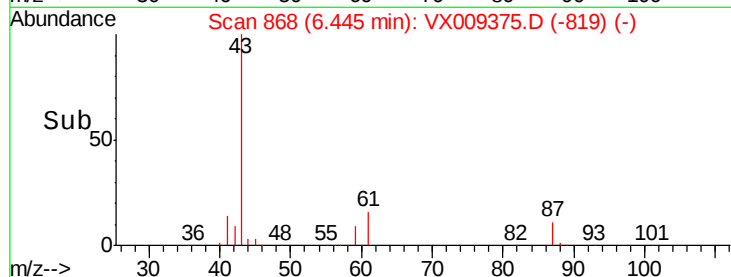
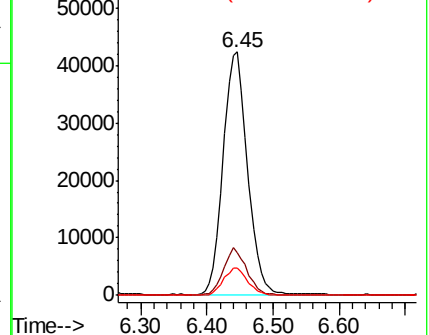
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.093 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009375.D

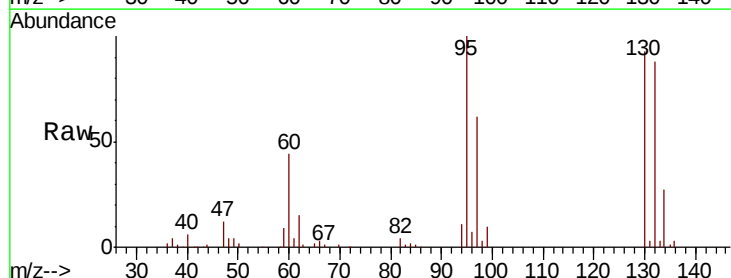
Acq: 07 May 2019 13:45

Tgt Ion:130 Resp: 35923

Ion Ratio Lower Upper

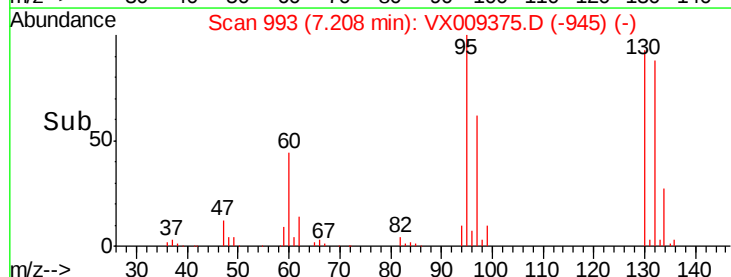
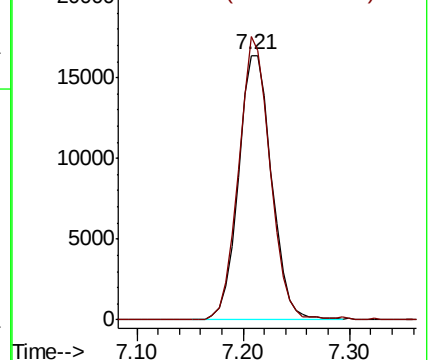
130 100

95 107.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.426 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

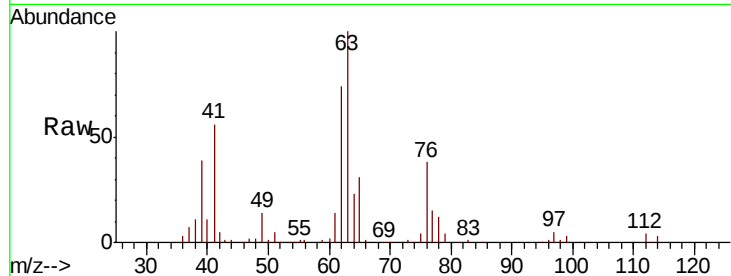
VX0507WBS02

Tot Ion: 63 Resp: 42810

Ion Ratio Lower Upper

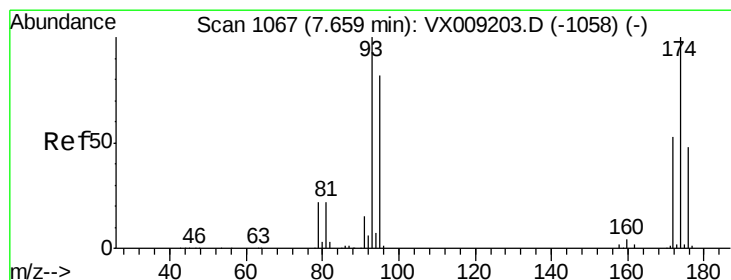
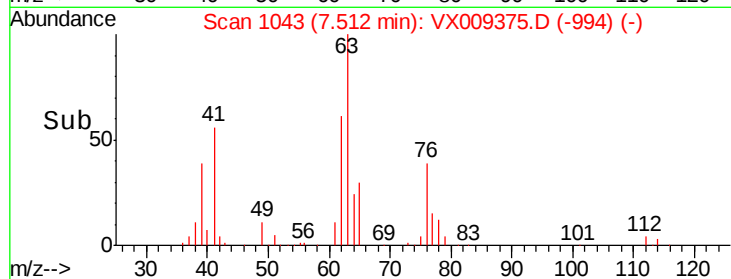
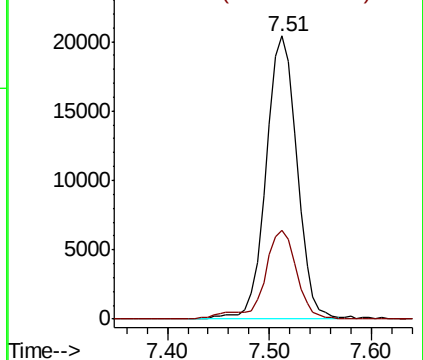
63 100

65 31.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.005 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

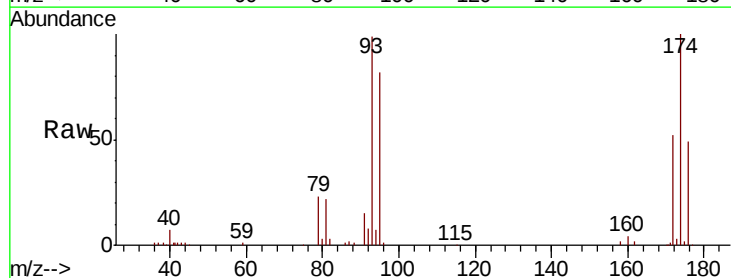
Tgt Ion: 93 Resp: 24322

Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

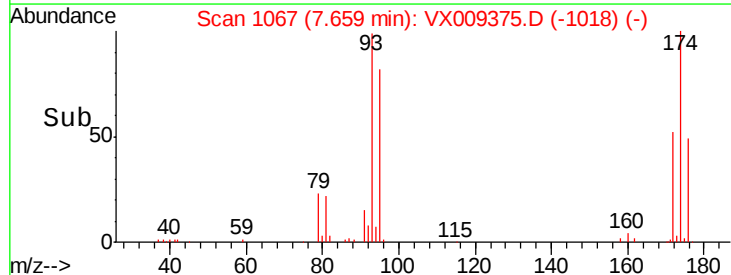
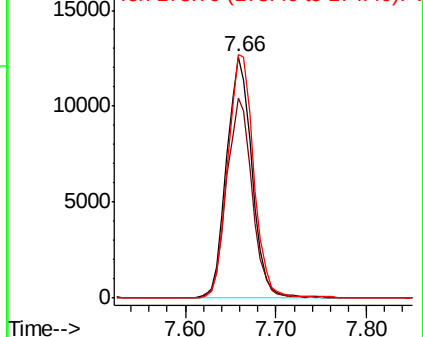
174 103.6 82.1 123.1

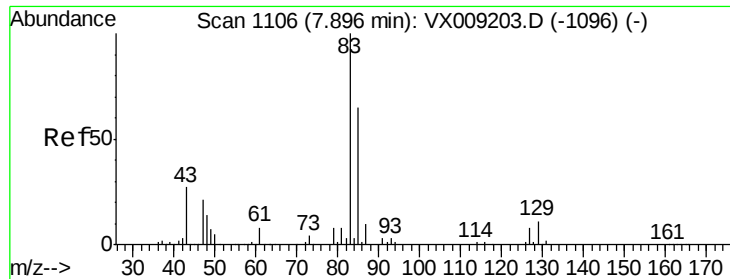


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.292 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

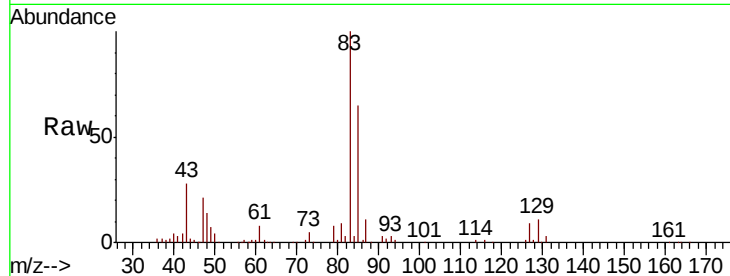
Tot Ion: 83 Resp: 49249

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6

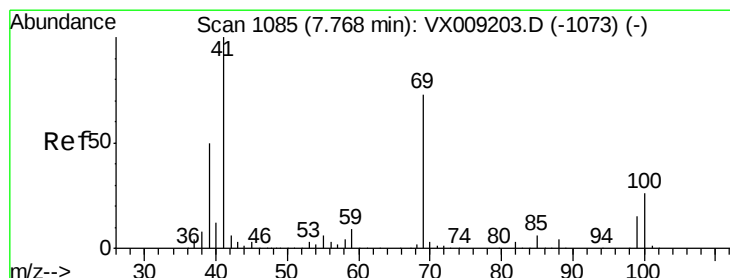
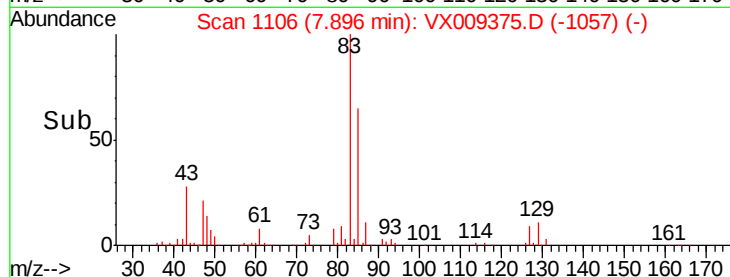
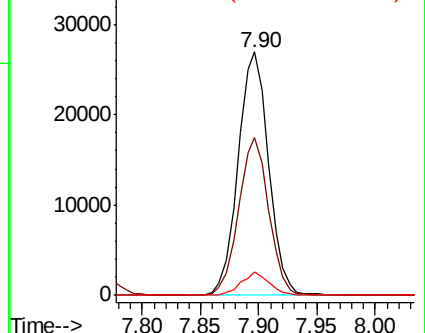
127 9.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.871 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

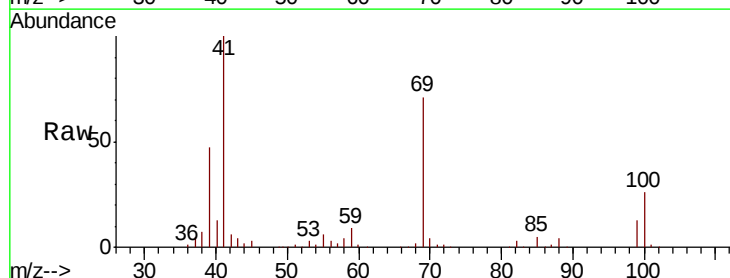
Tgt Ion: 41 Resp: 55253

Ion Ratio Lower Upper

41 100

69 71.8 59.1 88.7

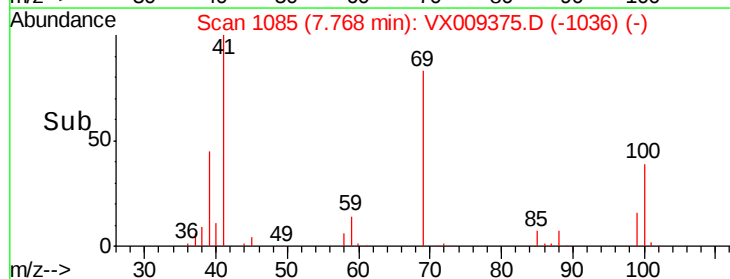
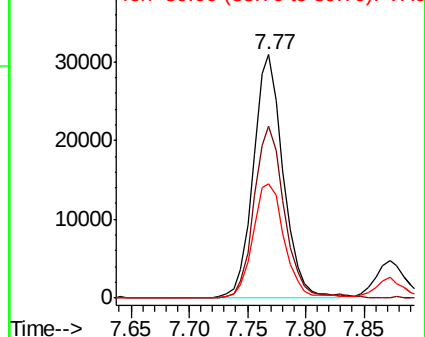
39 49.1 40.4 60.6

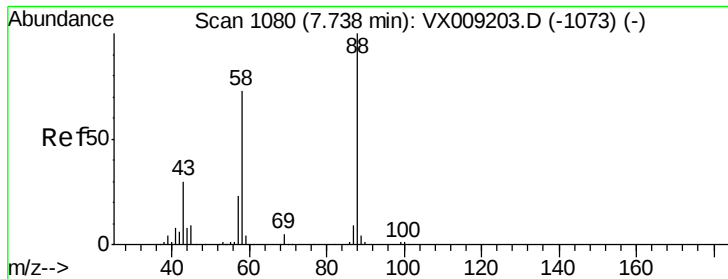


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

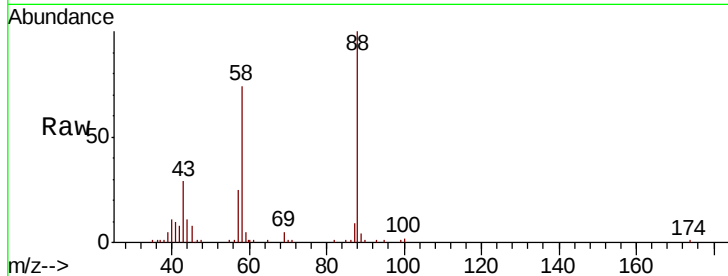




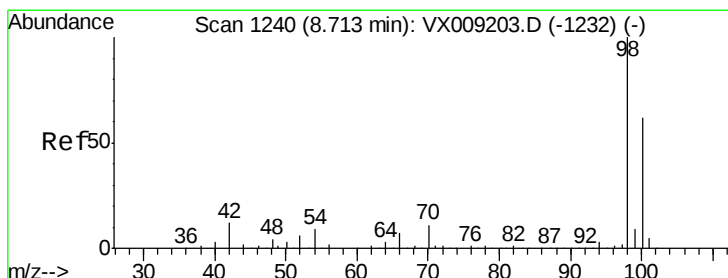
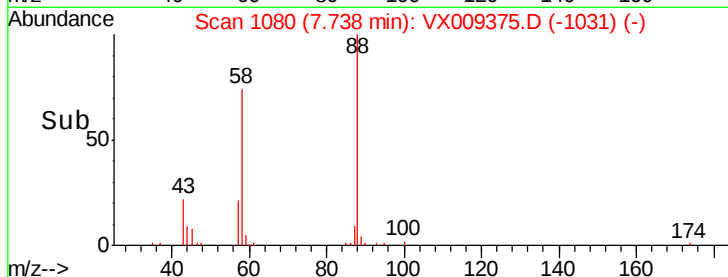
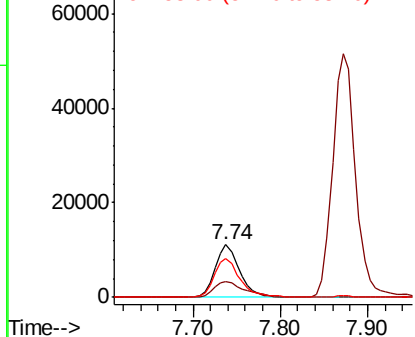
#49
1,4-Dioxane
Concen: 384.981 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion: 88 Resp: 21709
Ion Ratio Lower Upper
88 100
43 34.9 28.6 42.8
58 77.1 61.7 92.5

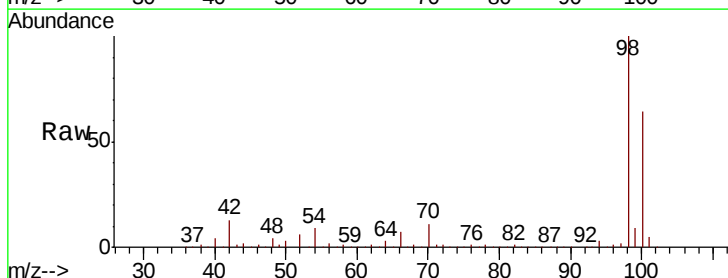


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

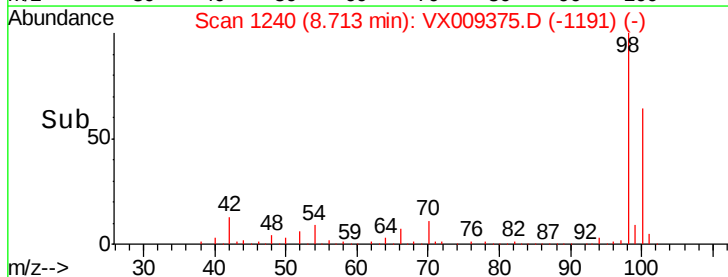
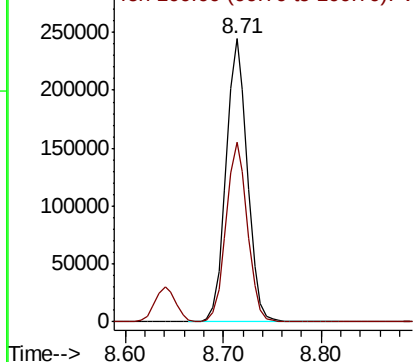


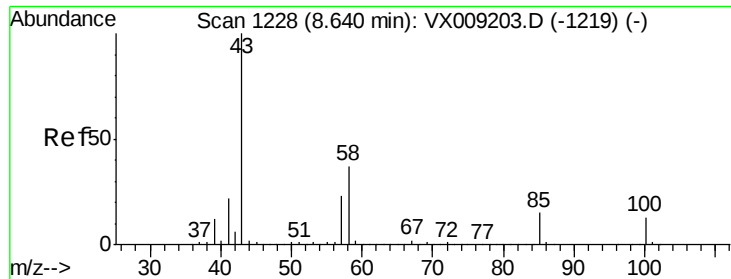
#50
Toluene-d8
Concen: 53.780 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion: 98 Resp: 369361
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 98.760 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

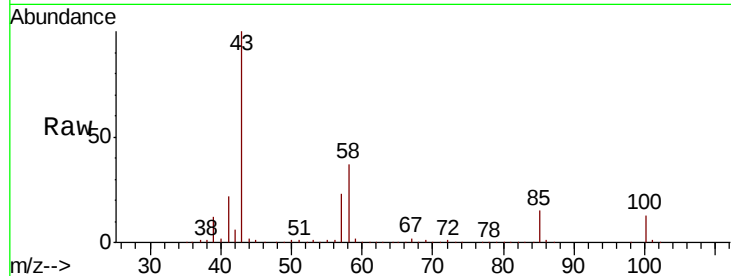
VX0507WBS02

Tot Ion: 43 Resp: 361788

Ion Ratio Lower Upper

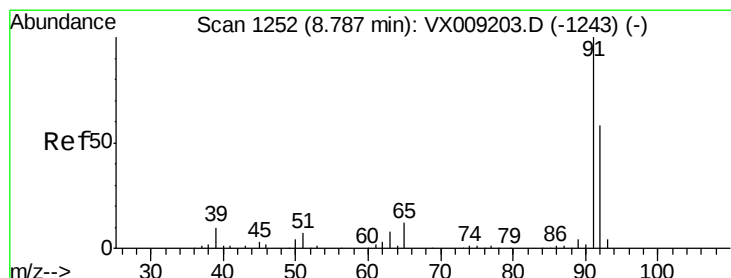
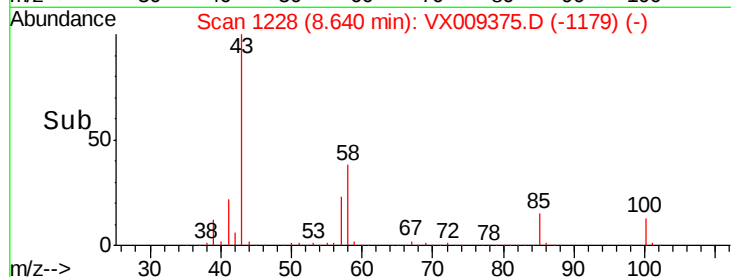
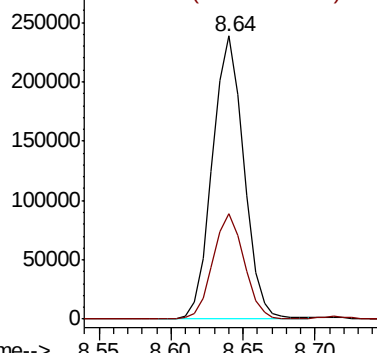
43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.494 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009375.D

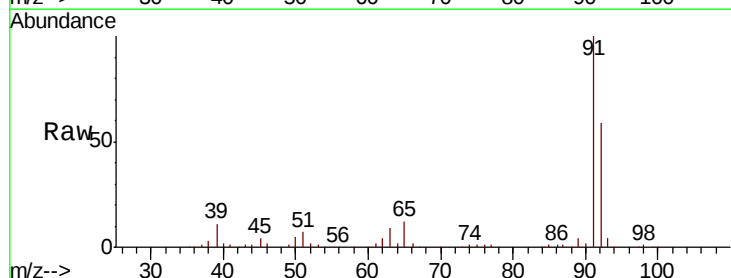
Acq: 07 May 2019 13:45

Tgt Ion: 92 Resp: 92227

Ion Ratio Lower Upper

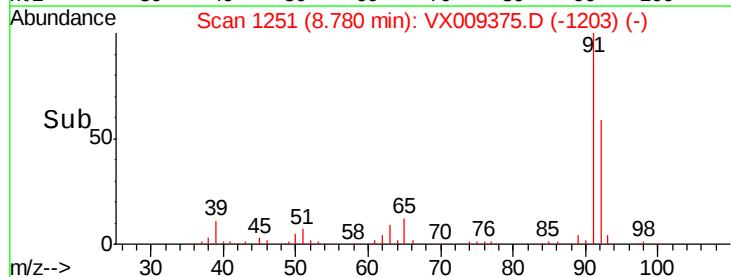
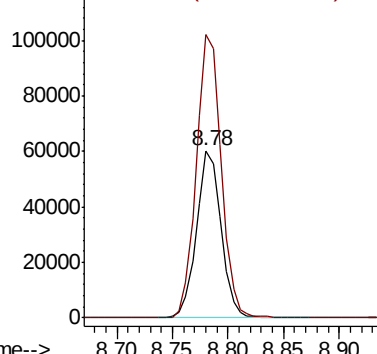
92 100

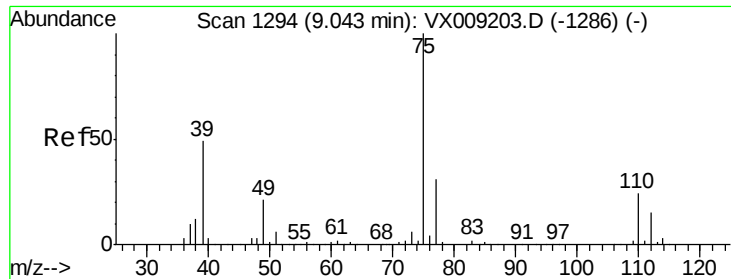
91 171.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.028 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

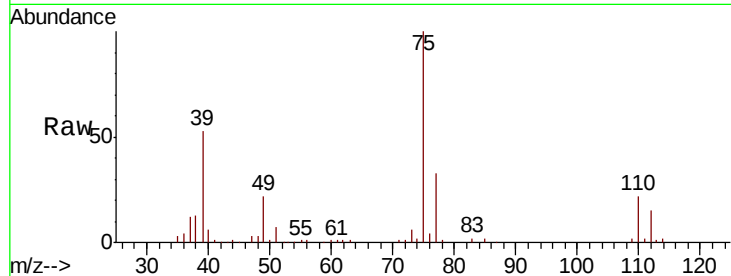
VX0507WBS02

Tot Ion: 75 Resp: 54842

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

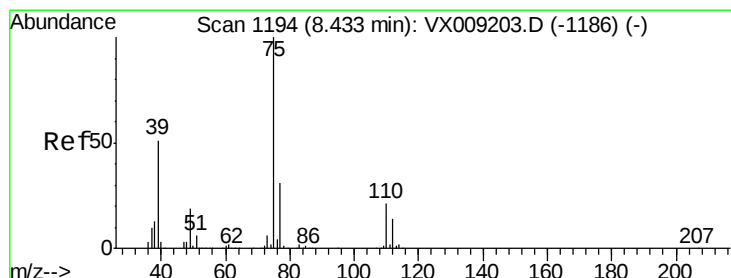
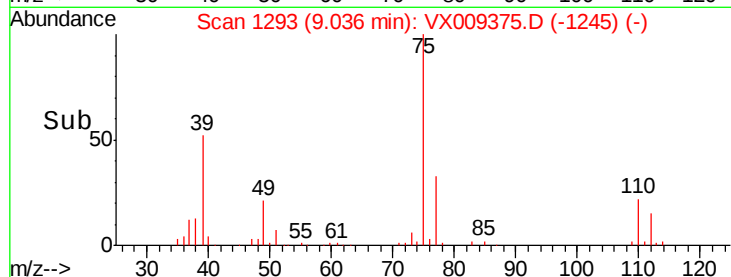
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.271 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

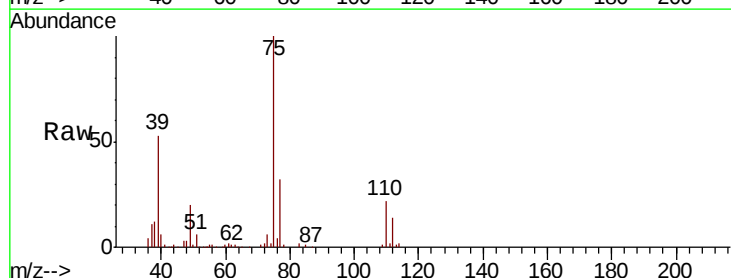
Tgt Ion: 75 Resp: 61475

Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 52.6 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

8.43

50000

40000

30000

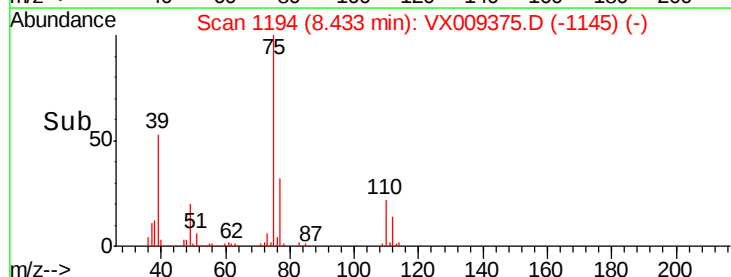
20000

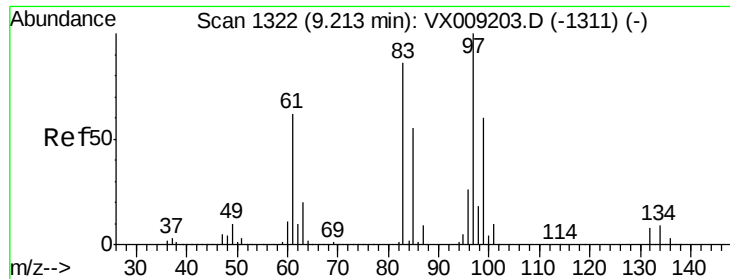
10000

0

8.35 8.40 8.45 8.50

Time-->

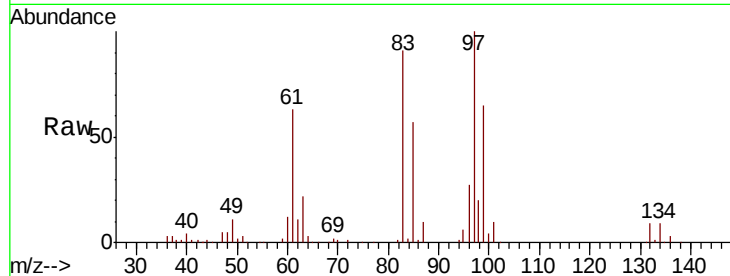




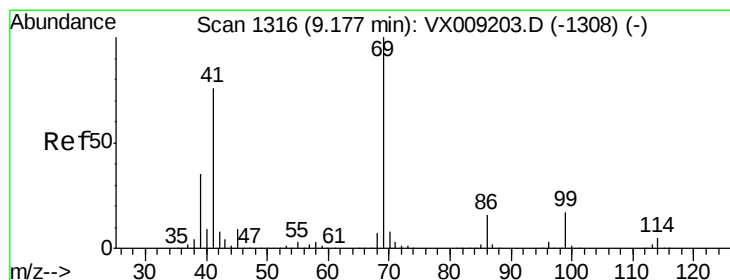
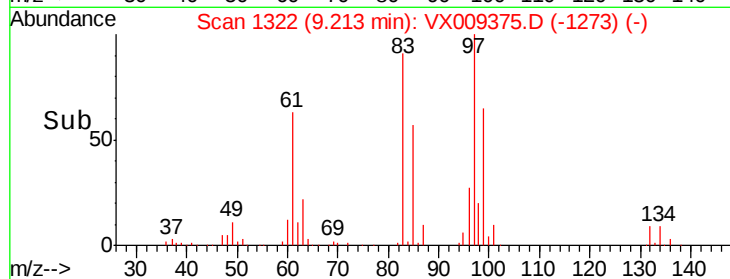
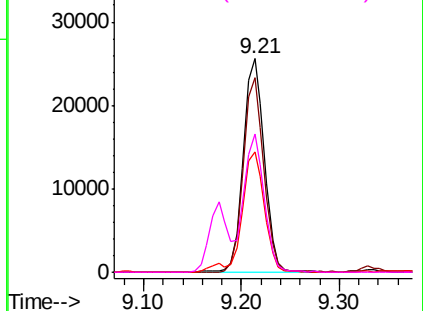
#55
 1,1,2-Trichloroethane
 Concen: 19.824 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion:	97	Resp:	38263
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.9	103.3
85	56.6	43.8	65.6
99	64.6	48.2	72.2

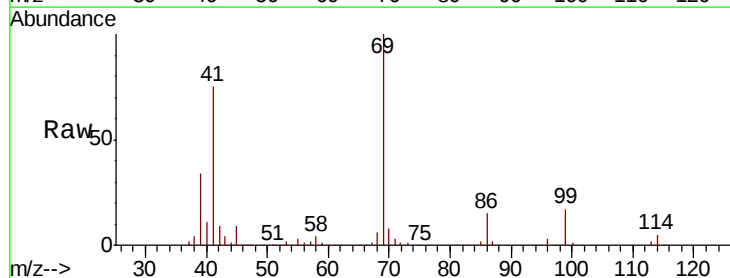


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

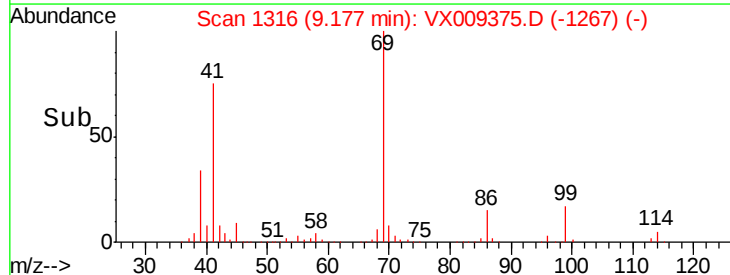
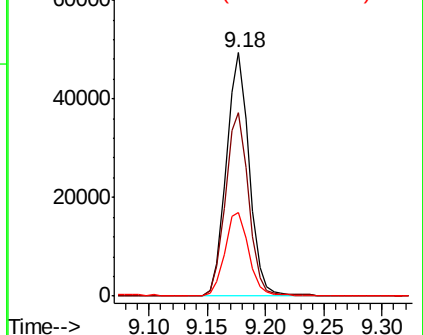


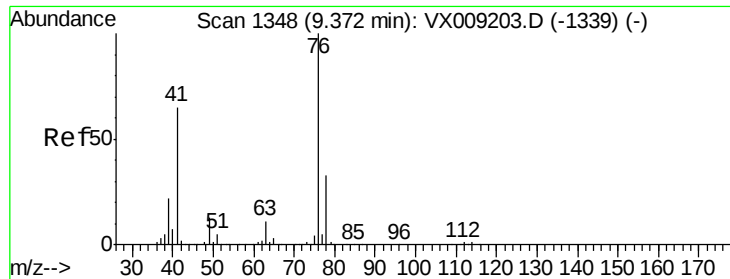
#56
 Ethyl methacrylate
 Concen: 19.576 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion:	69	Resp:	67446
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.6	90.8
39	35.3	28.2	42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.411 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

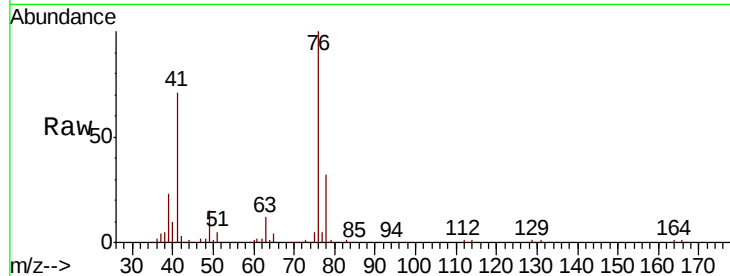
VX0507WBS02

Tot Ion: 76 Resp: 65931

Ion Ratio Lower Upper

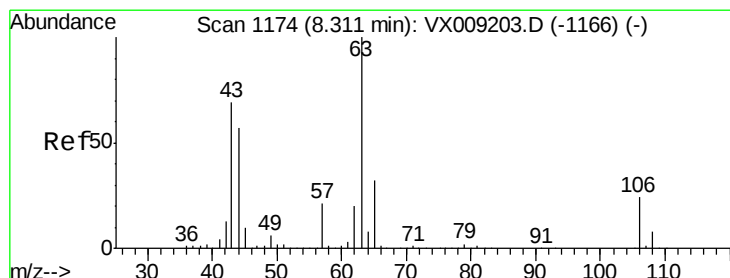
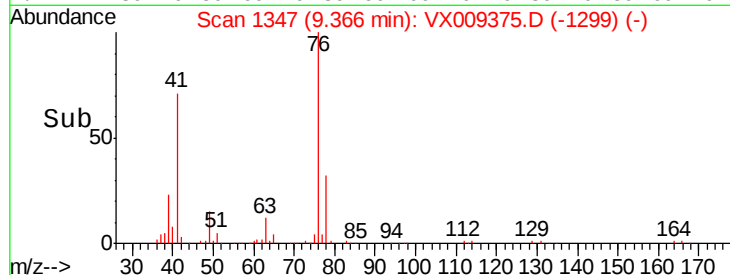
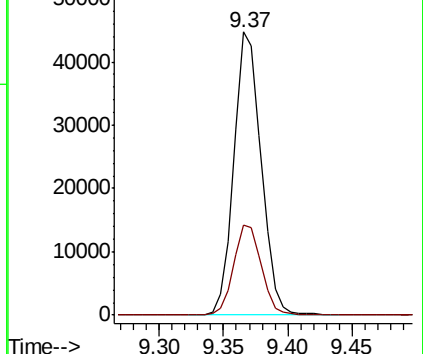
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.329 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009375.D

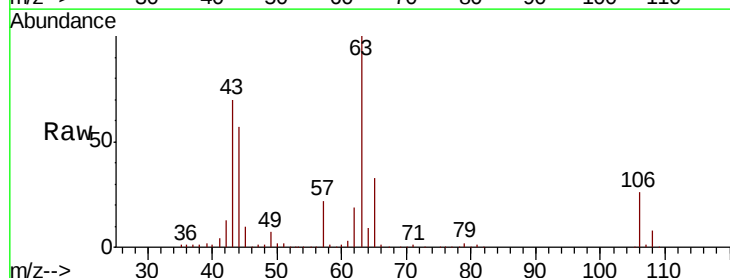
Acq: 07 May 2019 13:45

Tgt Ion: 63 Resp: 174238

Ion Ratio Lower Upper

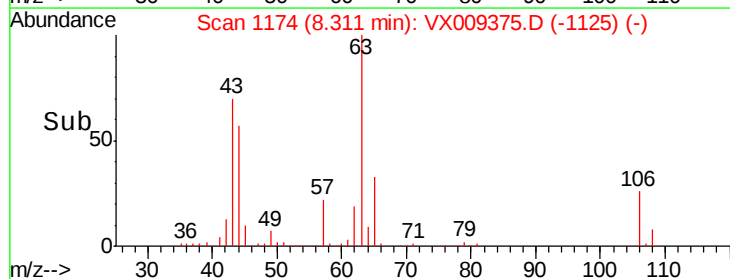
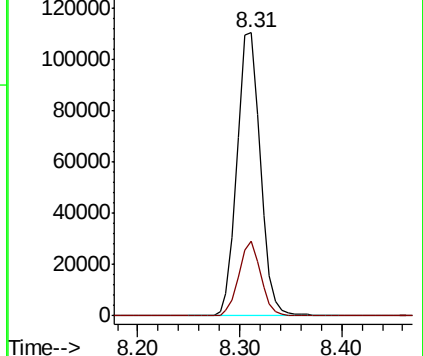
63 100

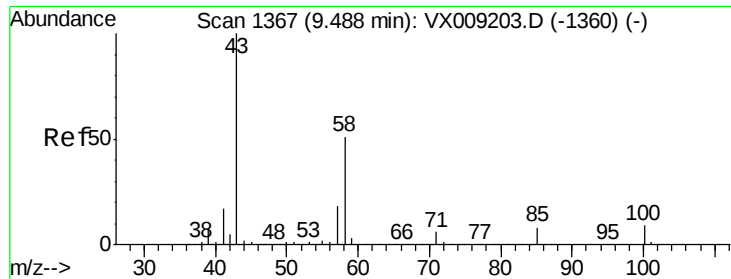
106 25.1 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

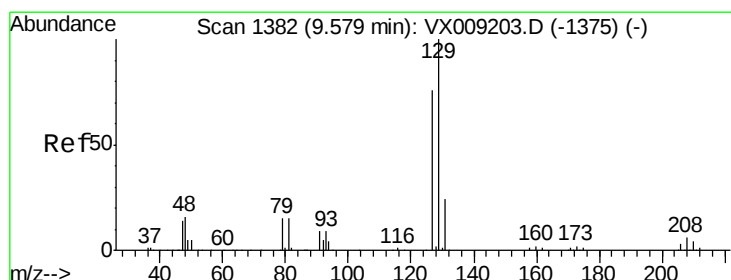
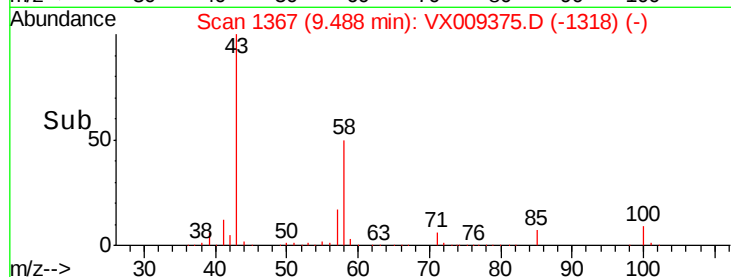
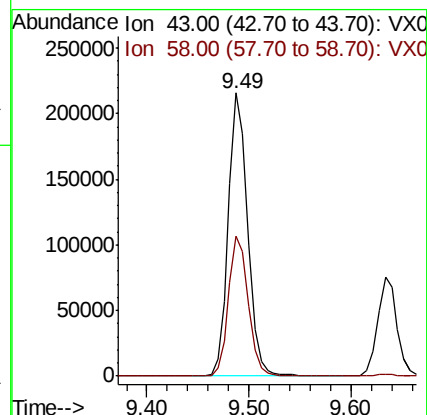
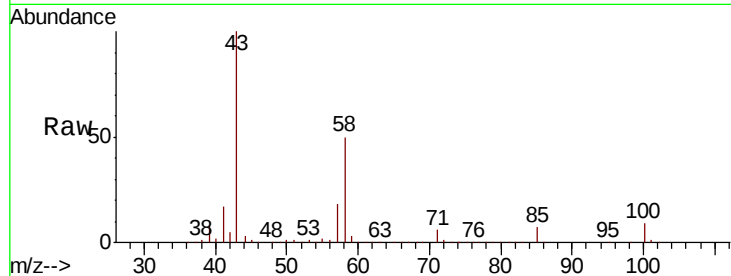




#59
2-Hexanone
Concen: 98.781 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

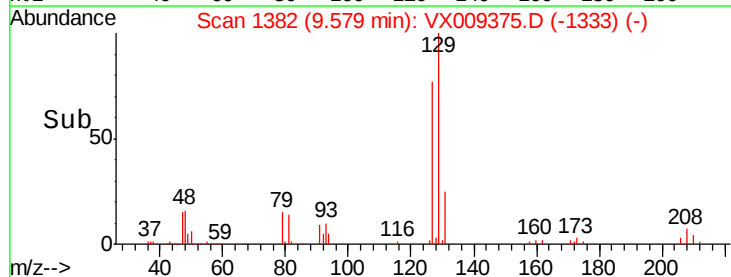
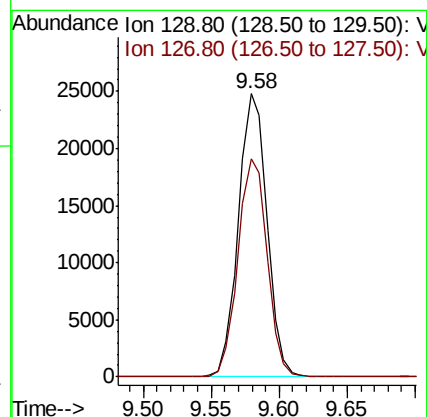
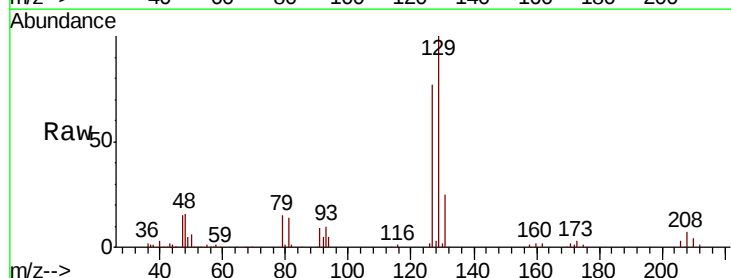
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

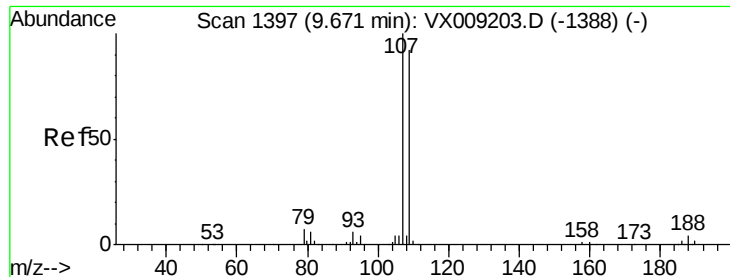
Tot Ion: 43 Resp: 284202
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.7



#60
Dibromochloromethane
Concen: 19.307 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion: 129 Resp: 36395
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.777 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

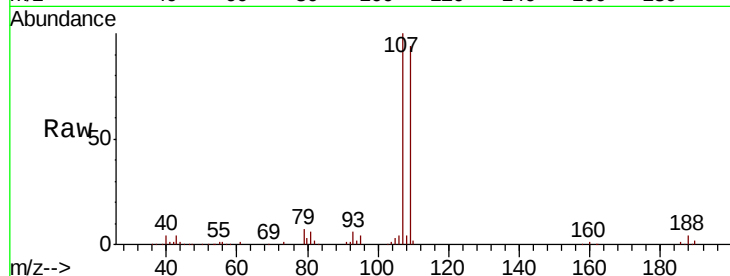
VX0507WBS02

Tot Ion:107 Resp: 38532

Ion Ratio Lower Upper

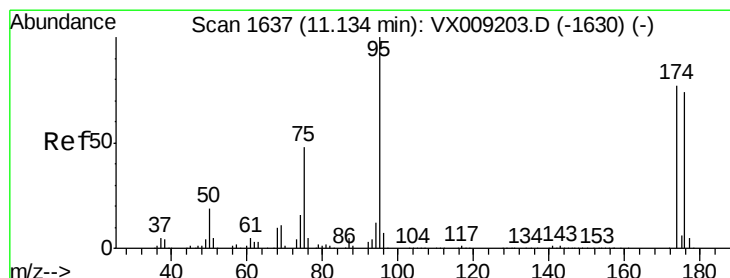
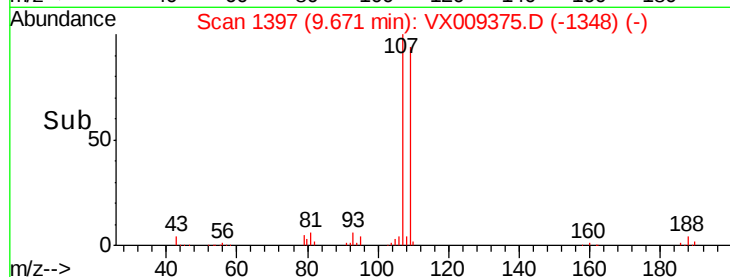
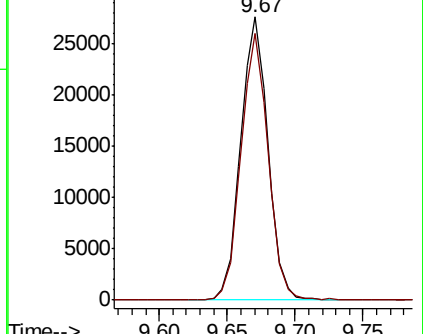
107 100

109 93.8 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: 54.108 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

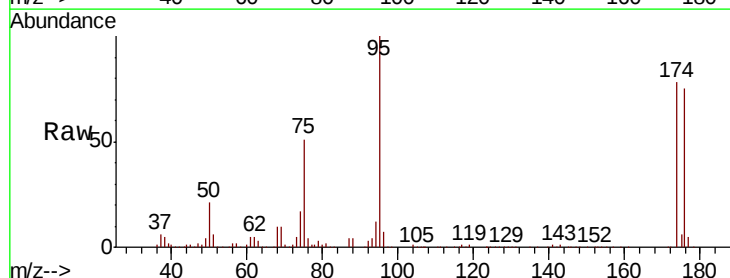
Tgt Ion: 95 Resp: 135030

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

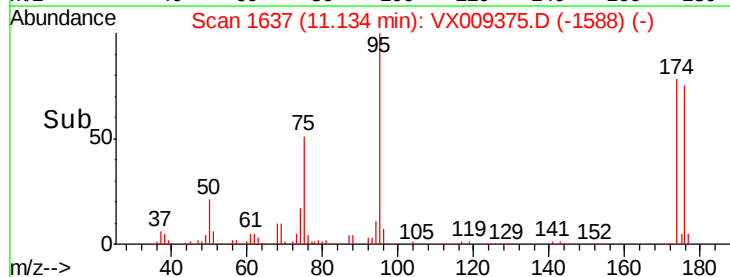
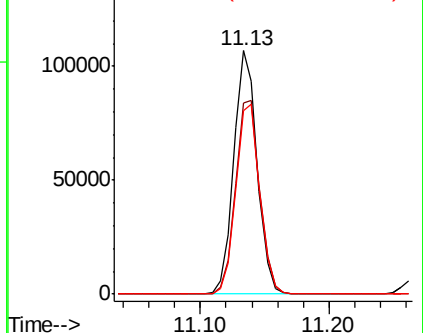
176 79.9 0.0 159.2

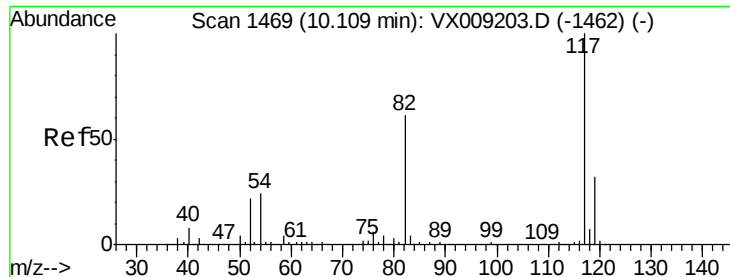


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

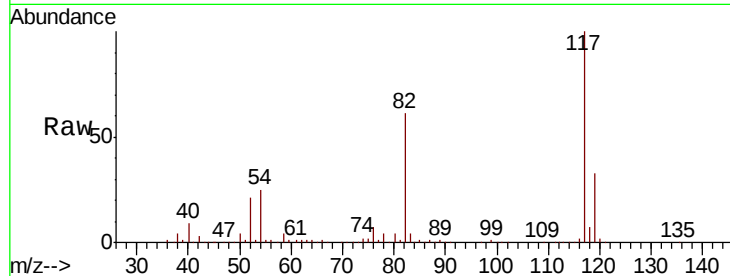




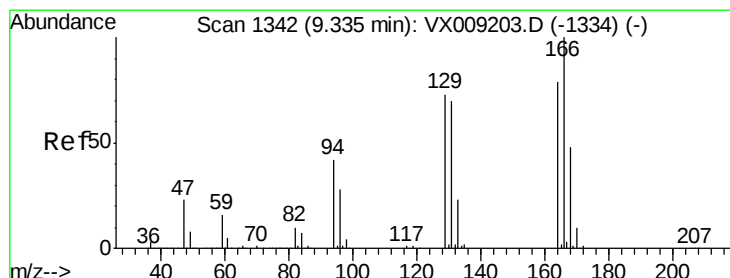
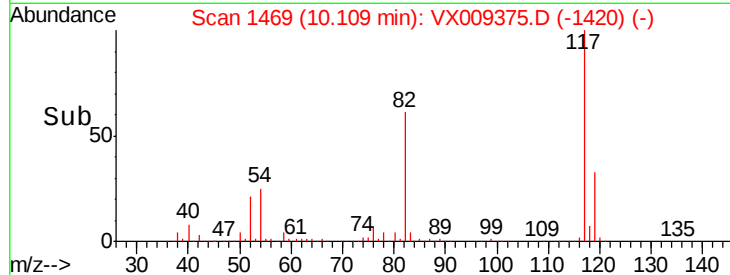
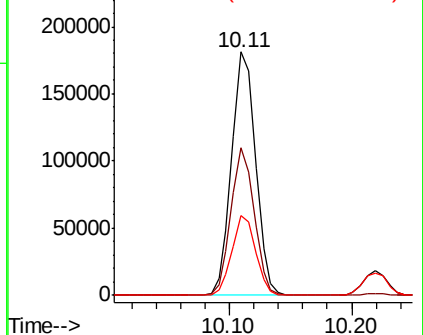
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion:117 Resp: 245691
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 32.8 25.8 38.6

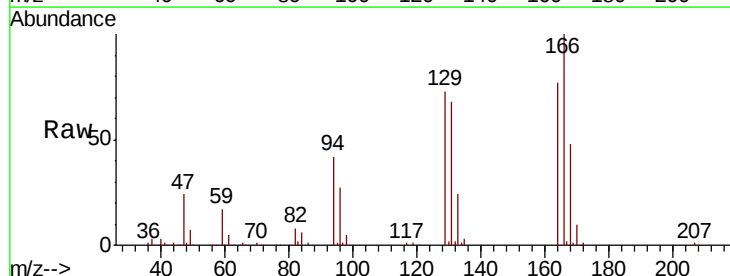


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

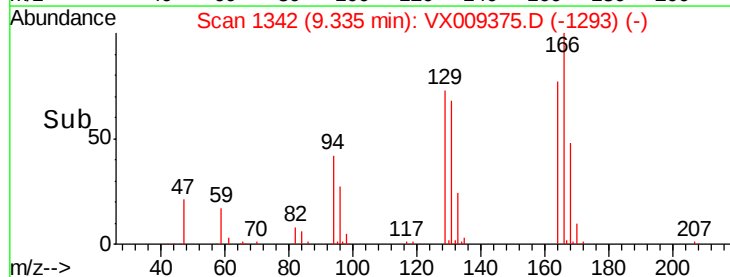
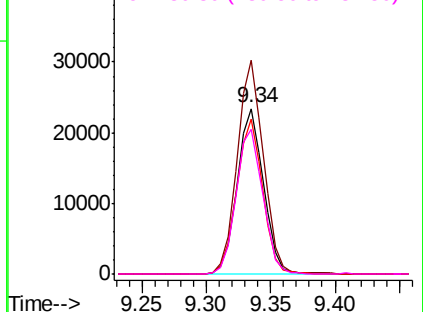


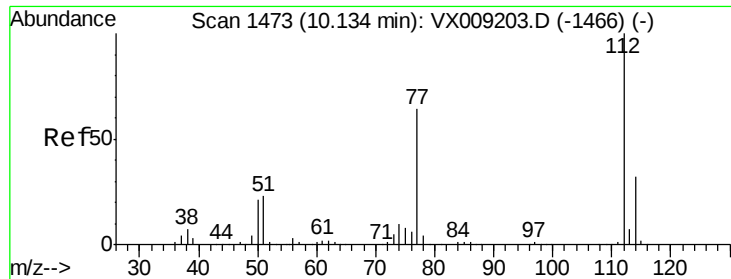
#64
Tetrachloroethene
Concen: 19.693 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion:164 Resp: 33190
Ion Ratio Lower Upper
164 100
166 129.3 101.2 151.8
129 93.9 74.3 111.5
131 87.3 71.0 106.6



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

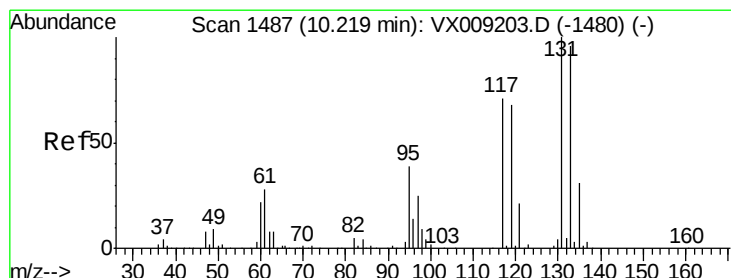
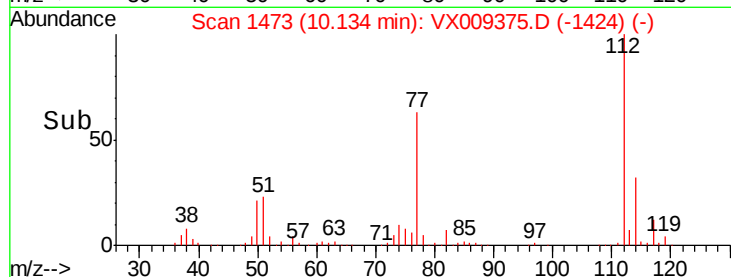
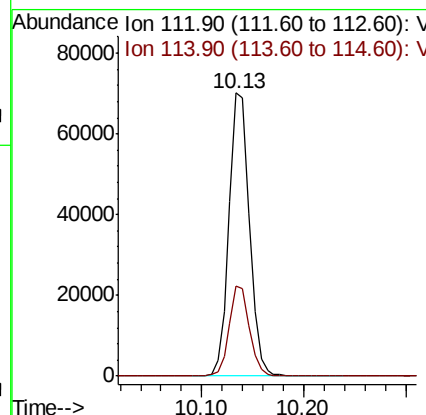
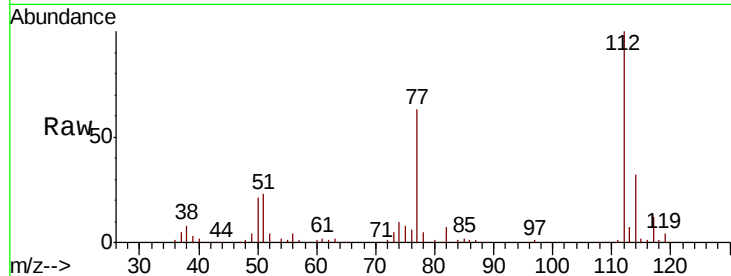




#65
Chlorobenzene
Concen: 19.837 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

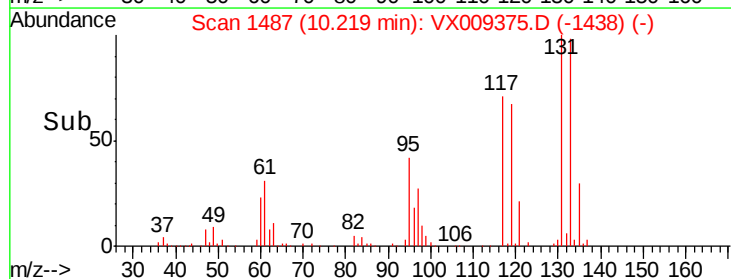
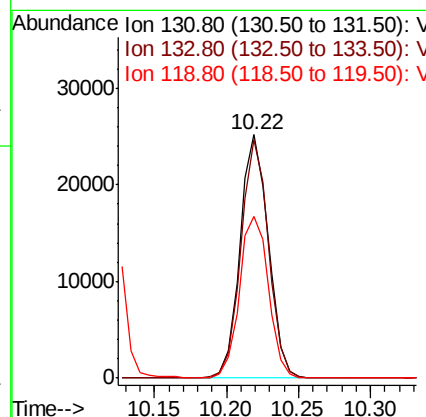
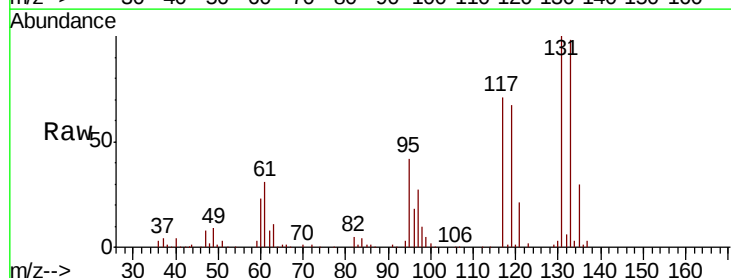
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

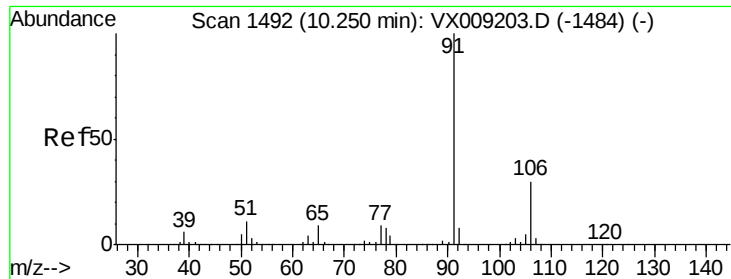
Tot Ion:112 Resp: 97495
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.325 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion:131 Resp: 34434
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 68.4 33.5 100.4





#67

Ethyl Benzene

Concen: 19.536 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampled :

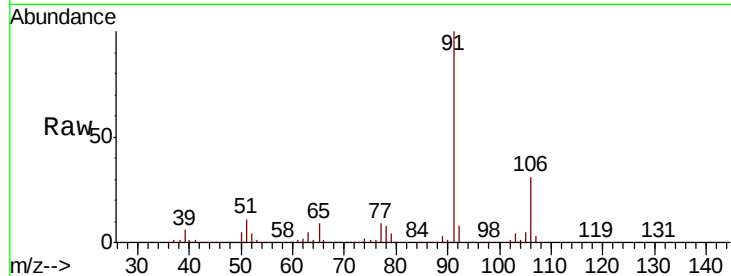
VX0507WBS02

Tot Ion: 91 Resp: 176712

Ion Ratio Lower Upper

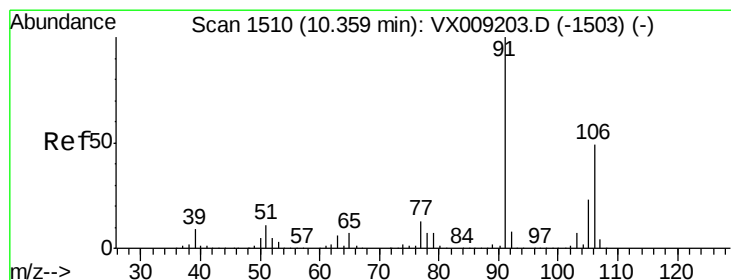
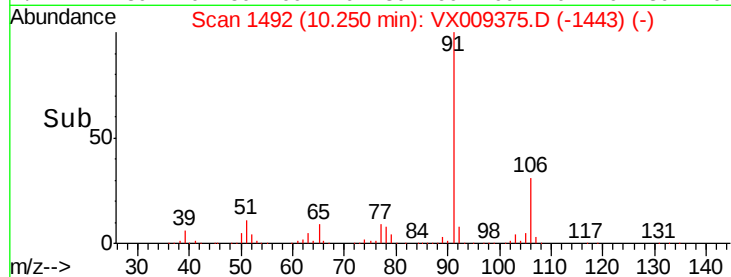
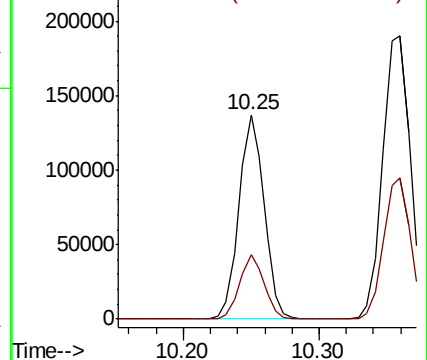
91 100

106 31.3 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.624 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009375.D

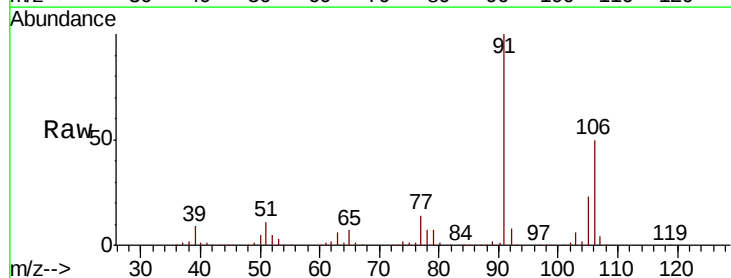
Acq: 07 May 2019 13:45

Tgt Ion: 106 Resp: 130976

Ion Ratio Lower Upper

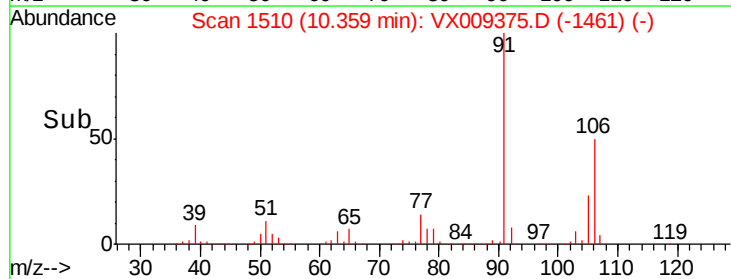
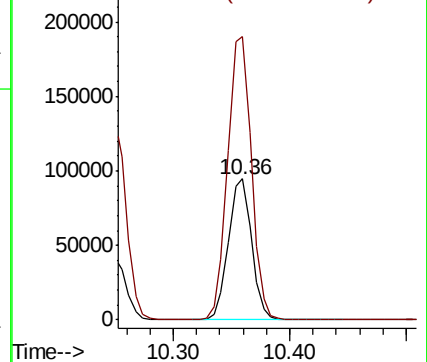
106 100

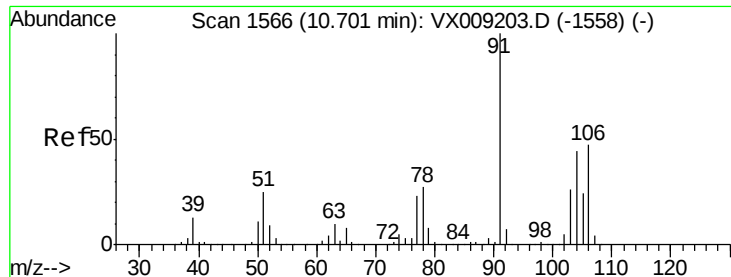
91 205.6 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

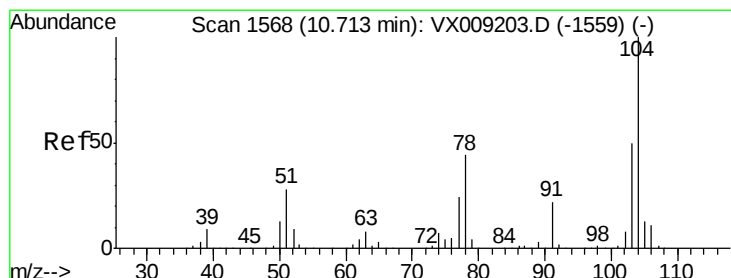
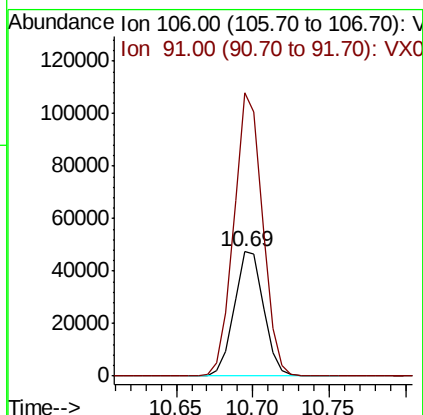
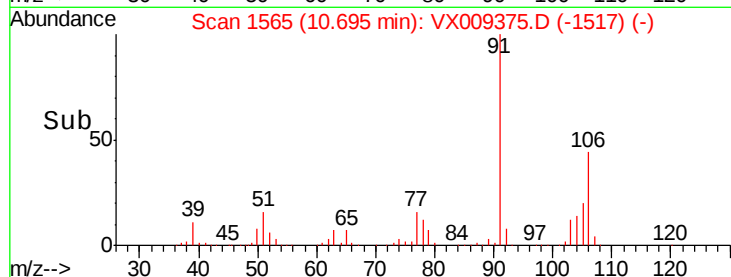
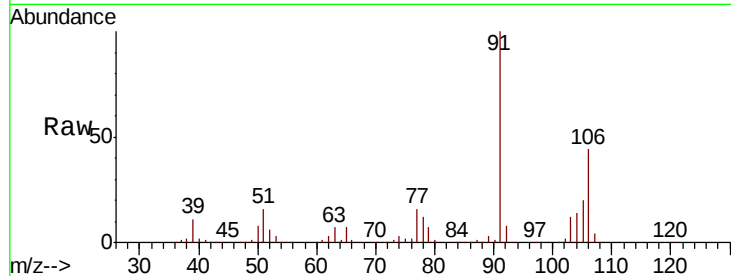




#69
o-Xylene
Concen: 19.388 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

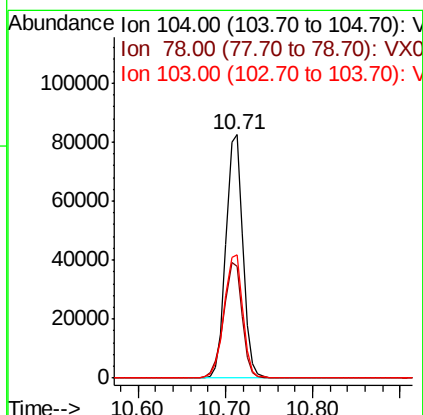
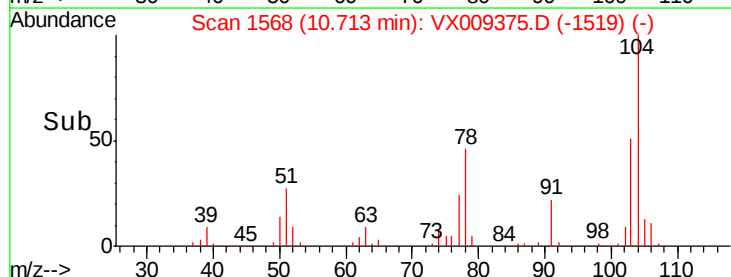
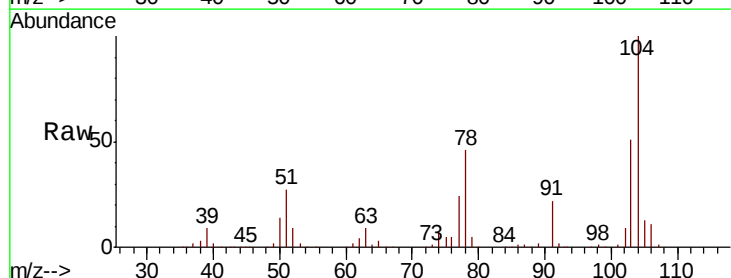
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

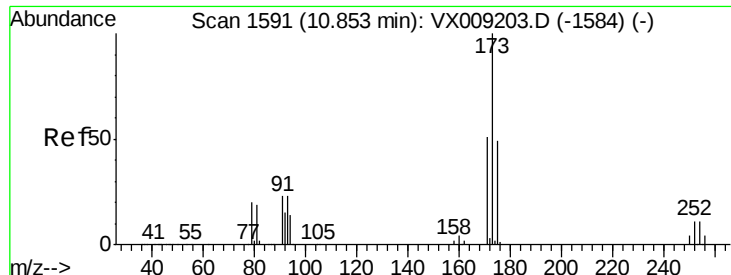
Tot Ion:106 Resp: 63232
Ion Ratio Lower Upper
106 100
91 221.6 109.5 328.4



#70
Styrene
Concen: 19.557 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion:104 Resp: 110859
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.6 43.8 65.6





#71

Bromoform

Concen: 19.037 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

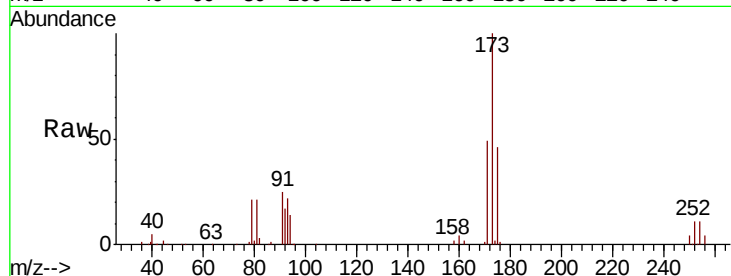
Tot Ion:173 Resp: 27566

Ion Ratio Lower Upper

173 100

175 47.9 24.5 73.5

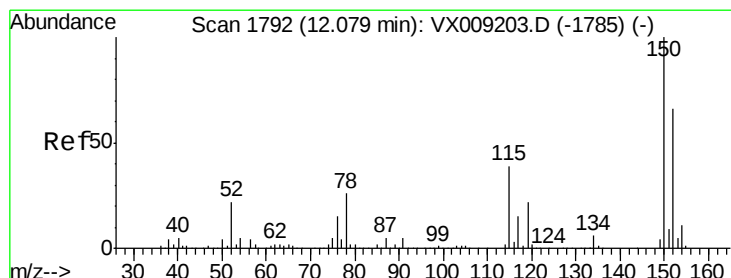
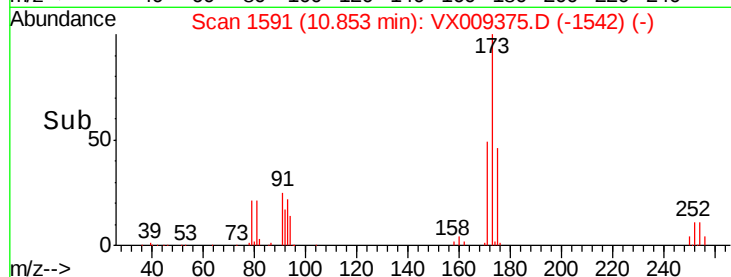
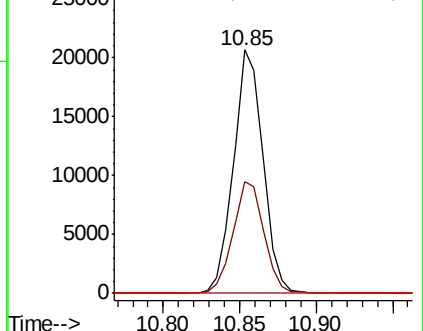
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

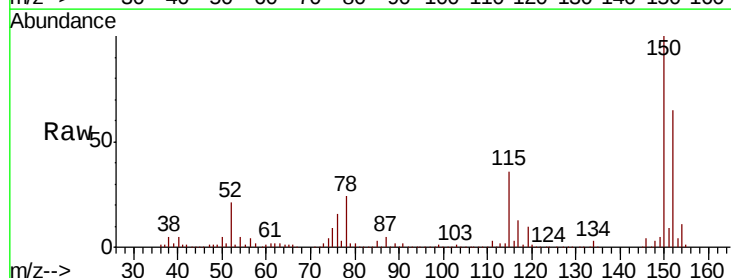
Tgt Ion:152 Resp: 122624

Ion Ratio Lower Upper

152 100

115 66.9 41.2 123.6

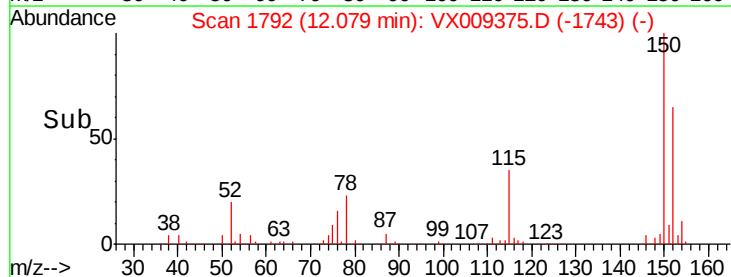
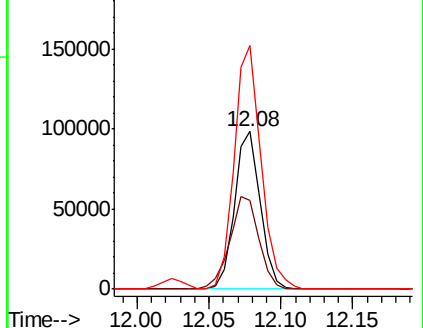
150 162.1 0.0 346.4

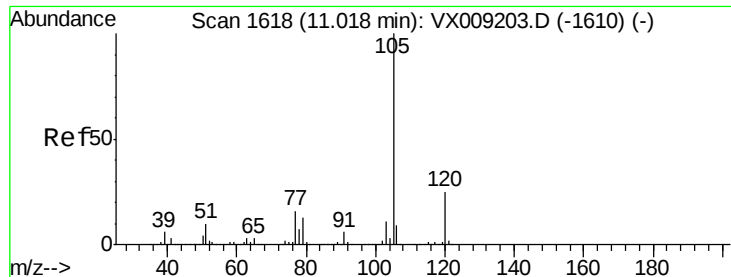


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.451 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

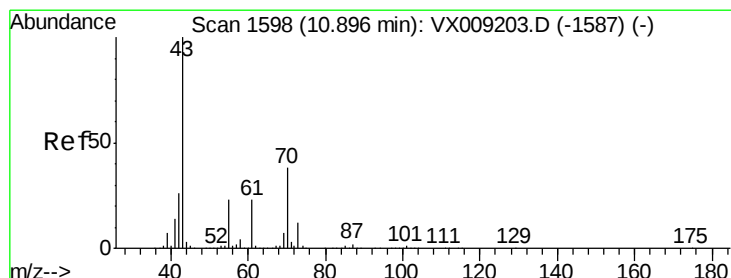
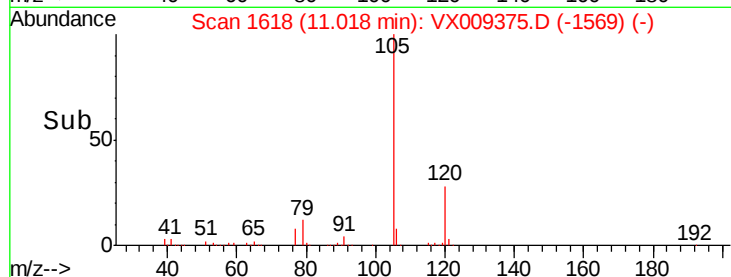
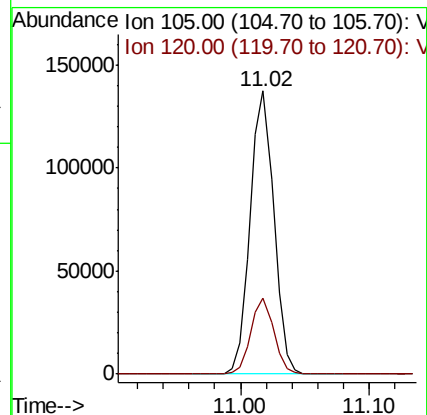
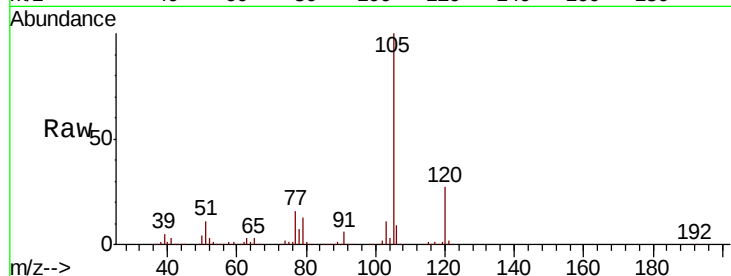
VX0507WBS02

Tot Ion:105 Resp: 173449

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 18.874 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Tgt Ion: 43 Resp: 98123

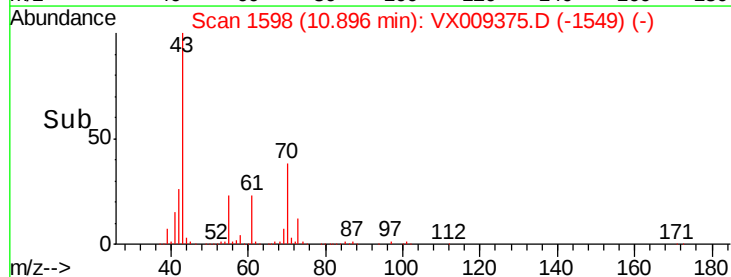
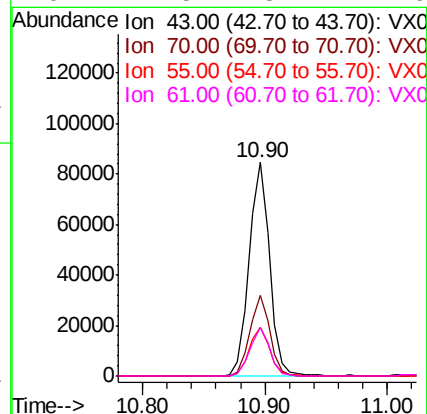
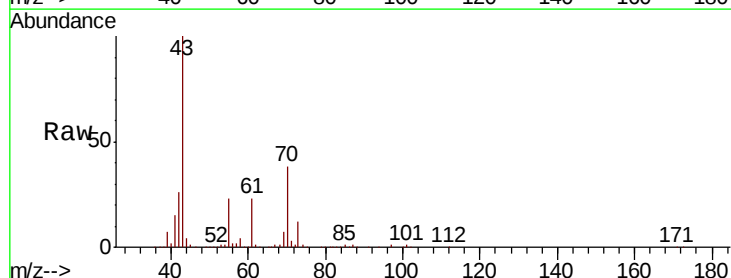
Ion Ratio Lower Upper

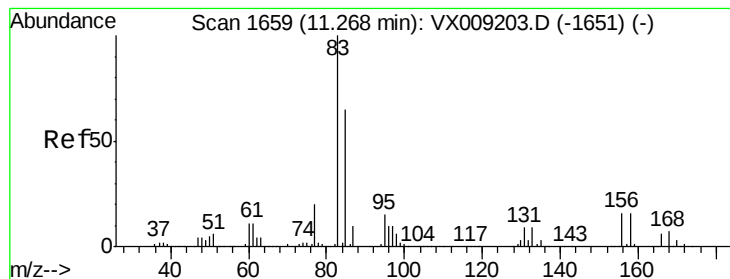
43 100

70 37.3 30.0 45.0

55 23.0 17.9 26.9

61 22.5 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.044 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

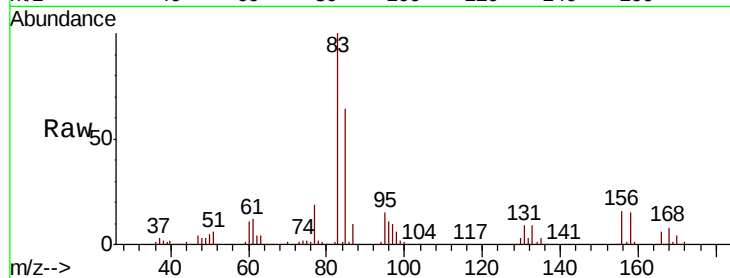
Tot Ion: 83 Resp: 63306

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

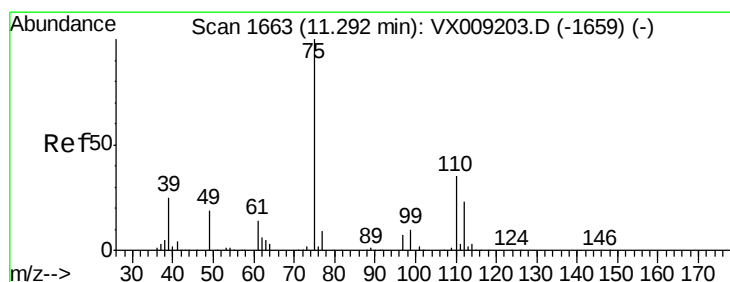
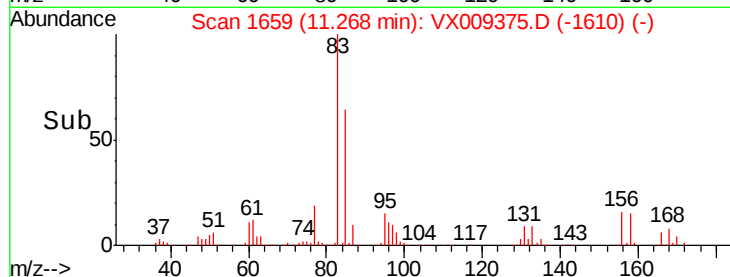
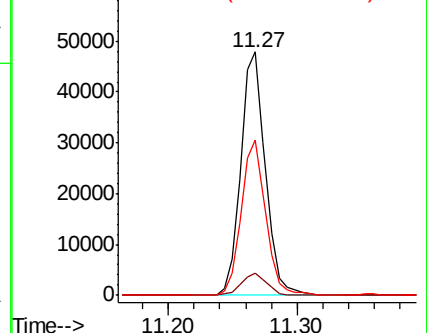
85 63.5 32.0 96.2



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: 25.133 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009375.D

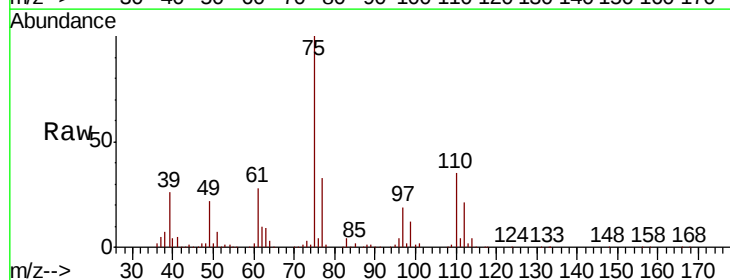
Acq: 07 May 2019 13:45

Tgt Ion: 75 Resp: 71488

Ion Ratio Lower Upper

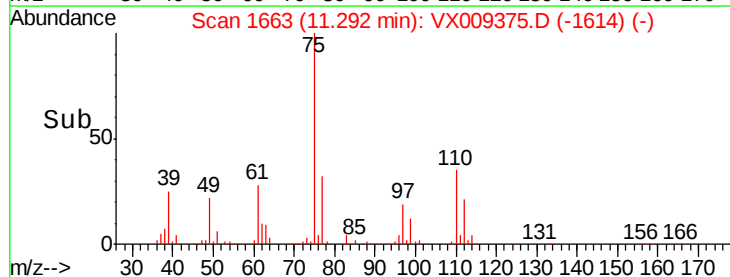
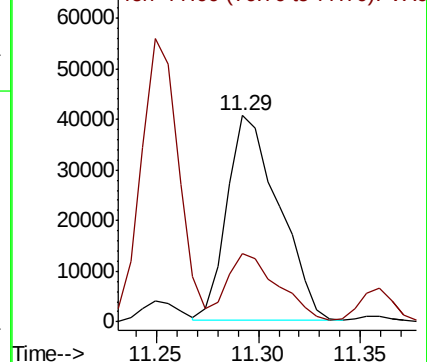
75 100

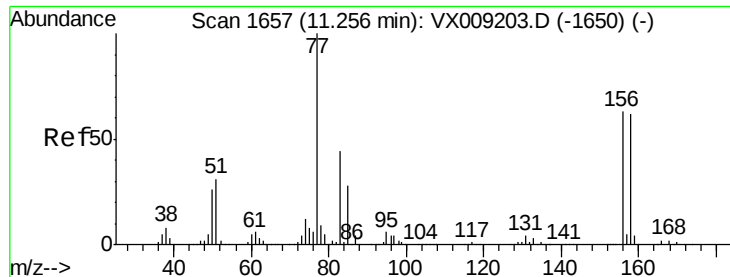
77 33.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.210 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

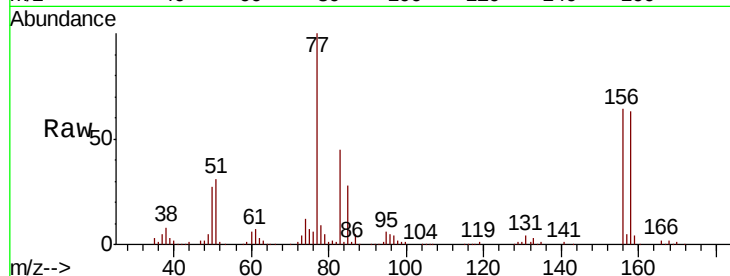
Tot Ion:156 Resp: 42517

Ion Ratio Lower Upper

156 100

77 167.4 84.8 254.3

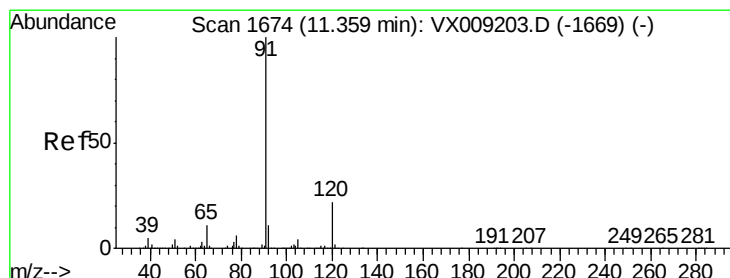
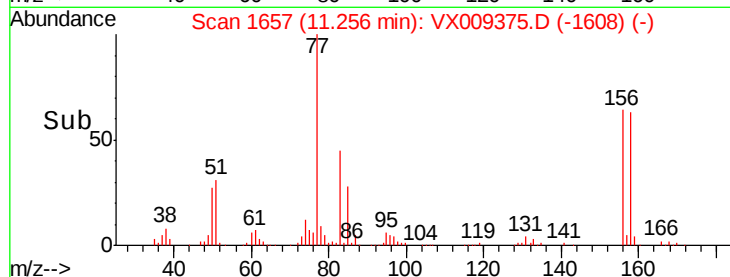
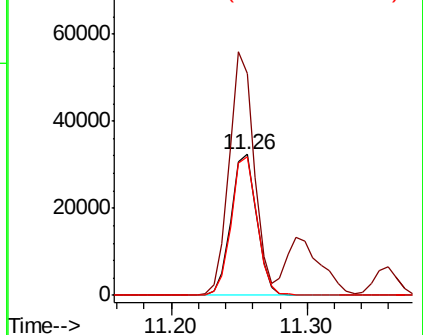
158 98.2 49.1 147.3



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: 19.493 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009375.D

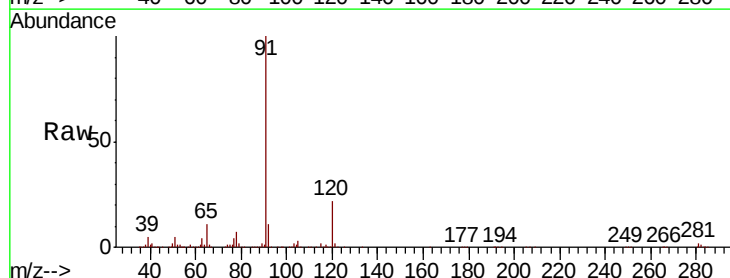
Acq: 07 May 2019 13:45

Tgt Ion: 91 Resp: 198508

Ion Ratio Lower Upper

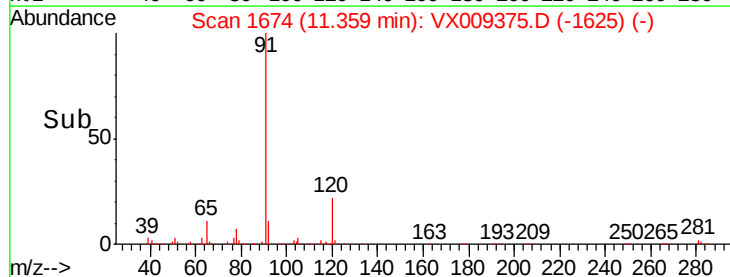
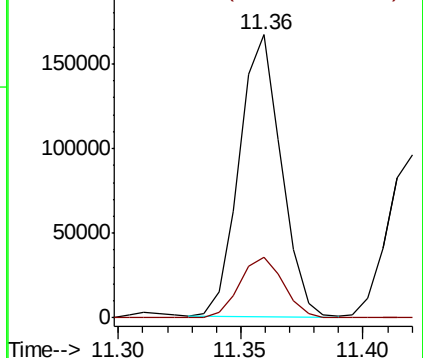
91 100

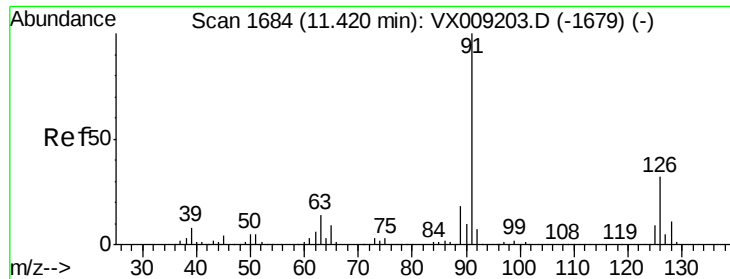
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.979 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

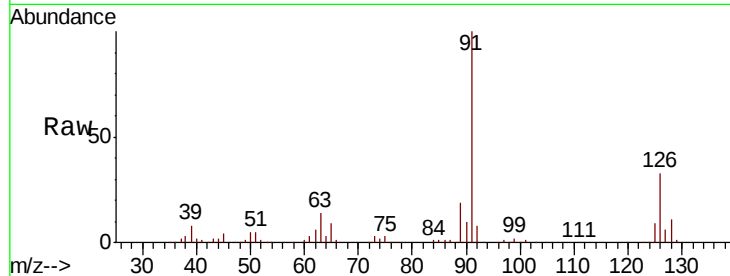
VX0507WBS02

Tot Ion: 91 Resp: 119240

Ion Ratio Lower Upper

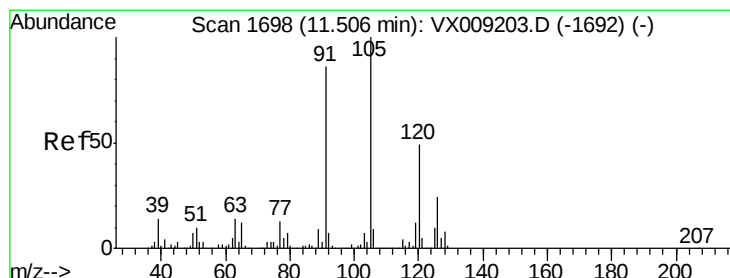
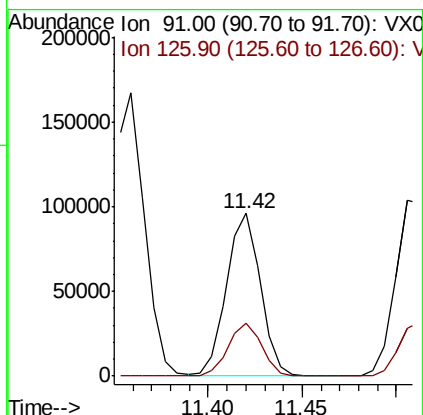
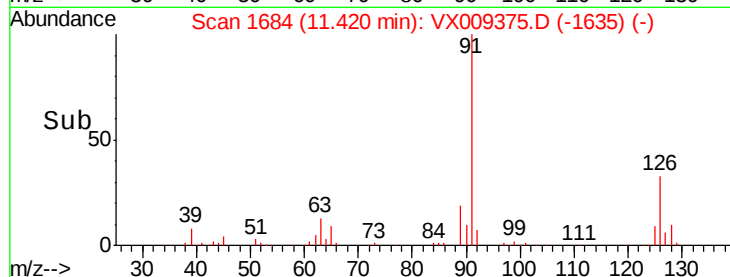
91 100

126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009375.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX009375.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.808 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009375.D

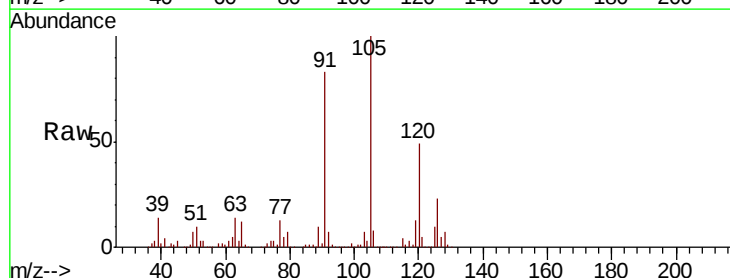
Acq: 07 May 2019 13:45

Tgt Ion:105 Resp: 148725

Ion Ratio Lower Upper

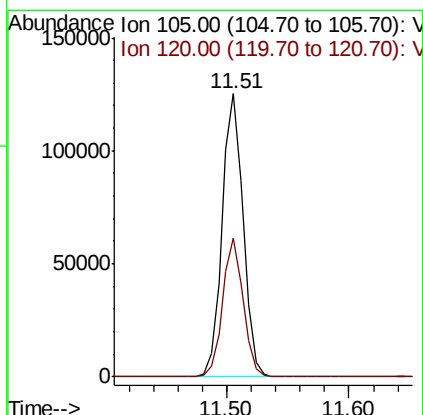
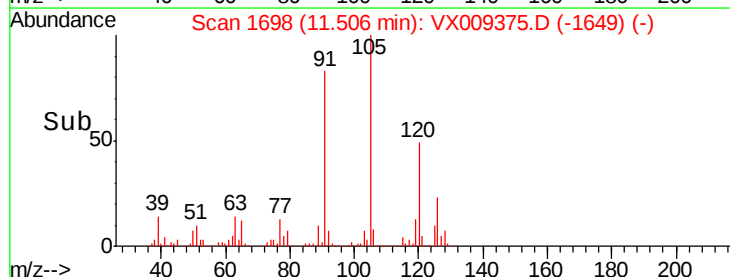
105 100

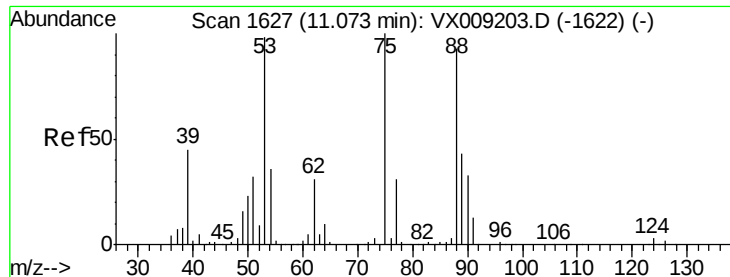
120 47.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009375.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX009375.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.901 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

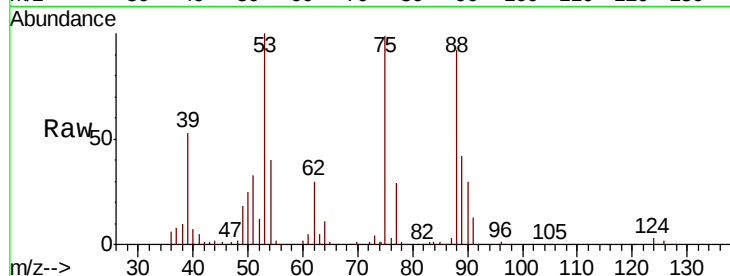
Tot Ion: 75 Resp: 19901

Ion Ratio Lower Upper

75 100

53 107.3 79.0 118.6

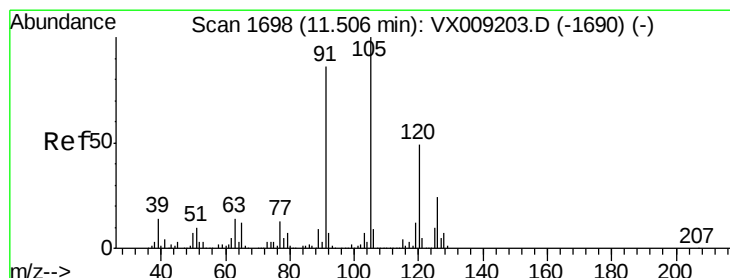
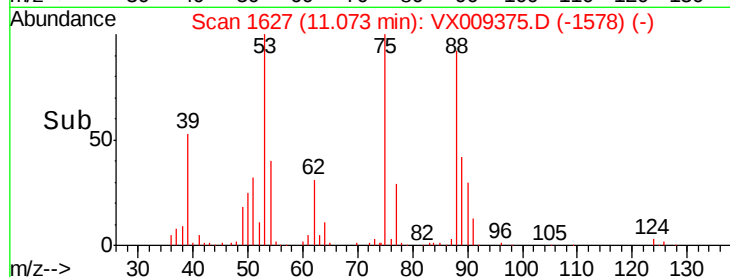
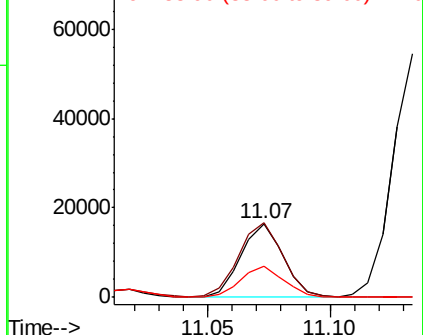
89 43.6 34.7 52.1



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: 19.226 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009375.D

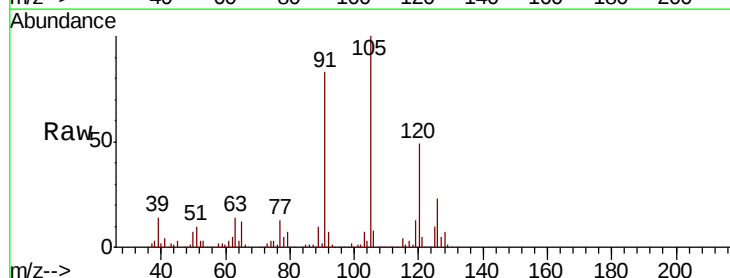
Acq: 07 May 2019 13:45

Tgt Ion: 91 Resp: 136463

Ion Ratio Lower Upper

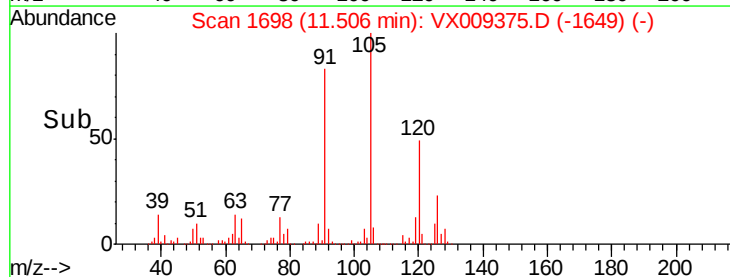
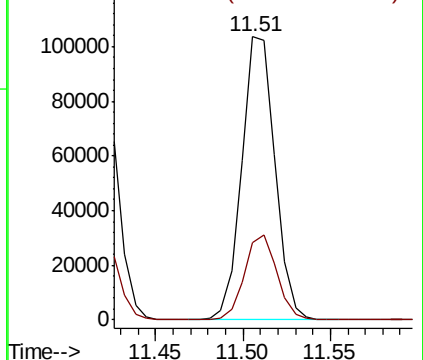
91 100

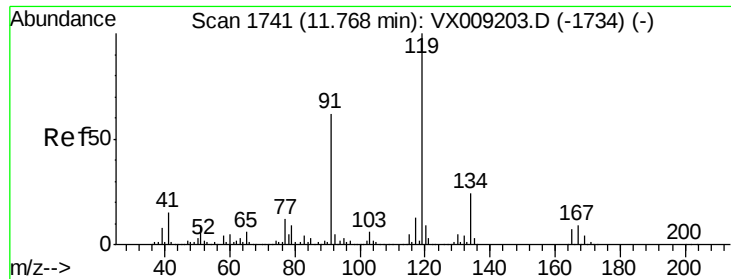
126 29.3 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

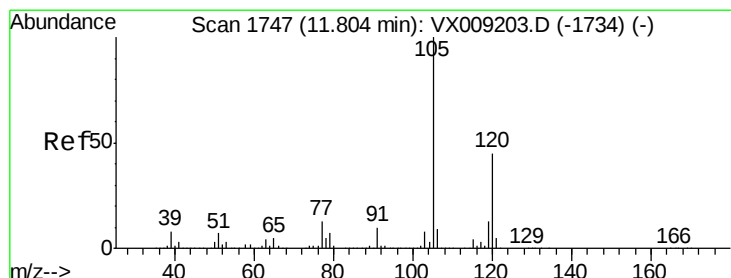
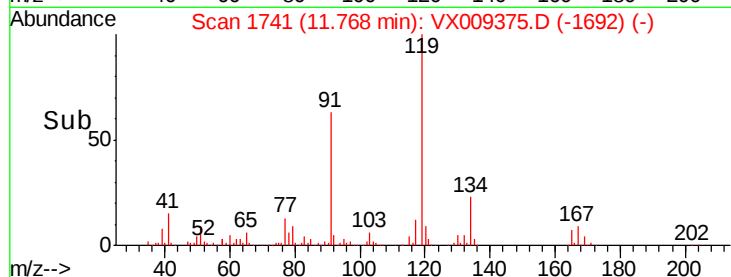
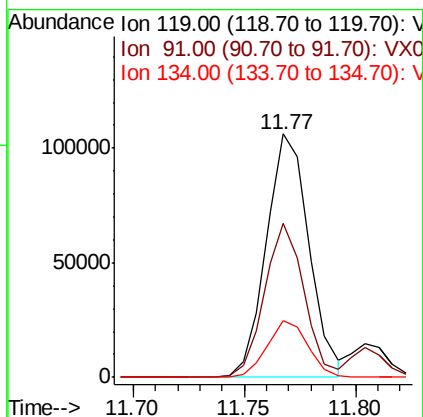
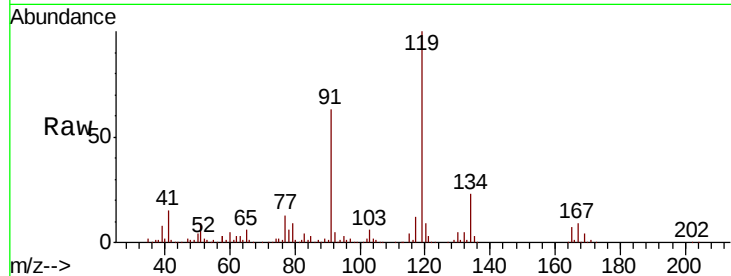




#83
tert-Butylbenzene
Concen: 19.331 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

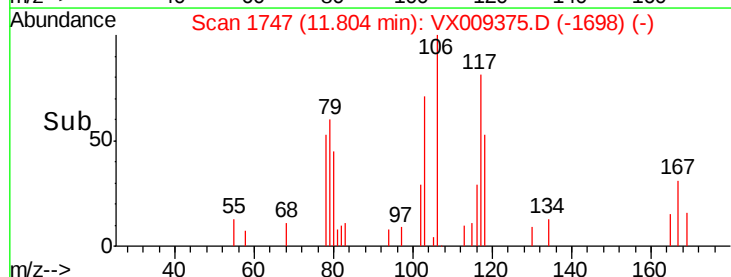
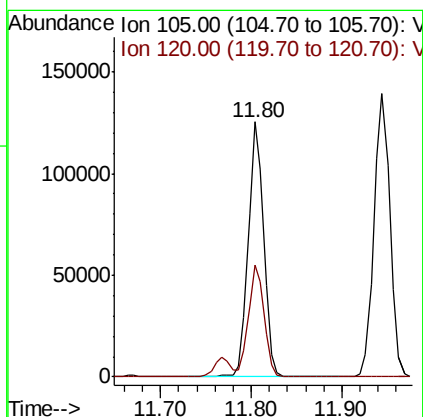
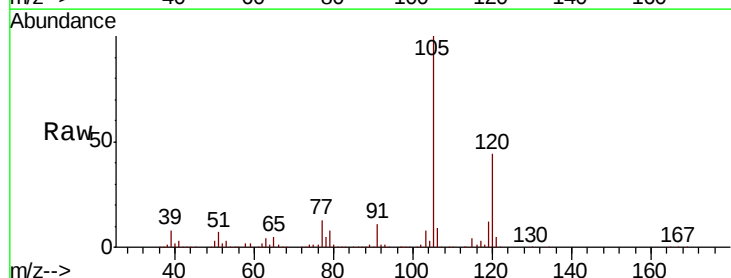
Instrument :
MSVOA_X
ClientSampled :
VX0507WBS02

Tot Ion:119 Resp: 141189
Ion Ratio Lower Upper
119 100
91 59.2 29.5 88.5
134 22.3 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 19.693 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion:105 Resp: 148411
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.582 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

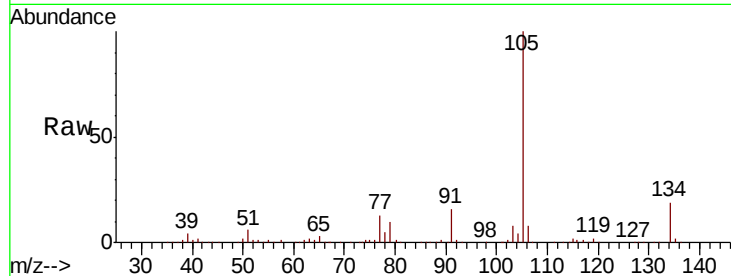
VX0507WBS02

Tot Ion:105 Resp: 169571

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

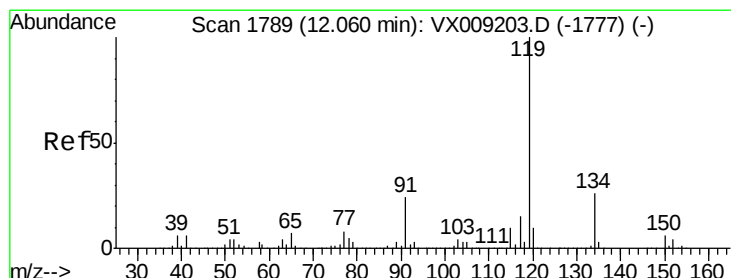
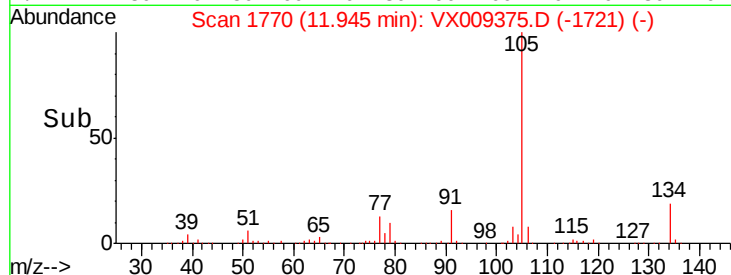
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.941 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

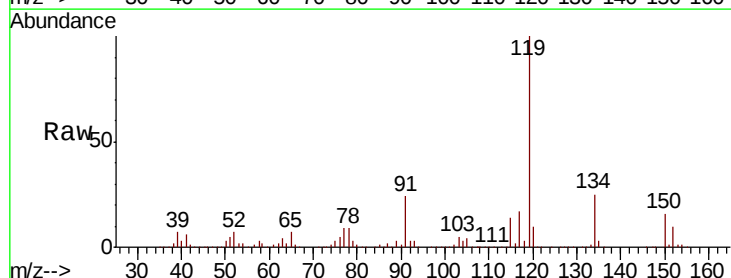
Tgt Ion:119 Resp: 155239

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

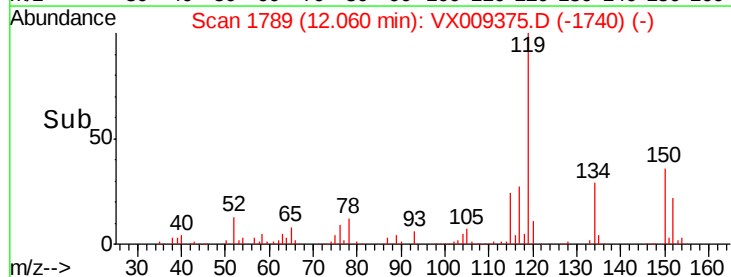
150000

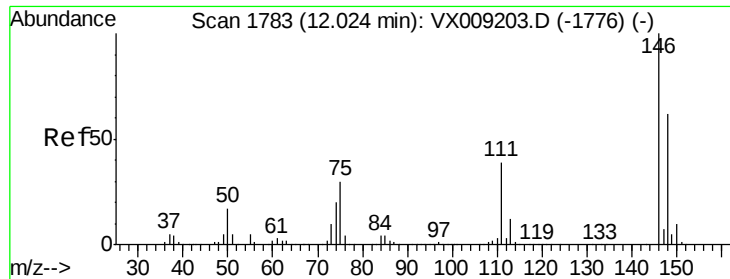
100000

50000

0

Time--> 12.00 12.10

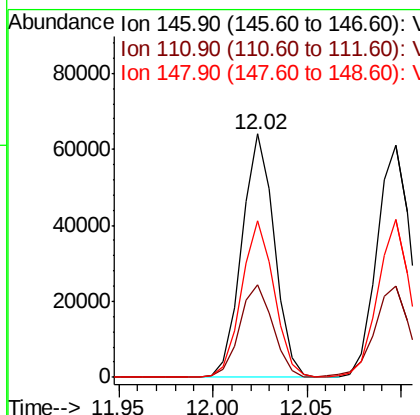
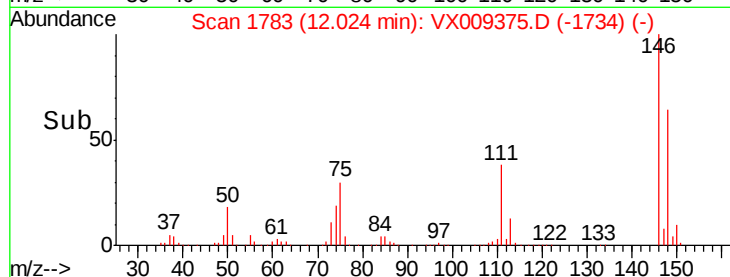
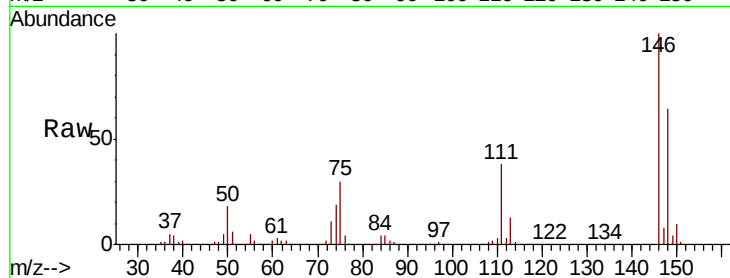




#87
 1,3-Dichlorobenzene
 Concen: 19.489 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

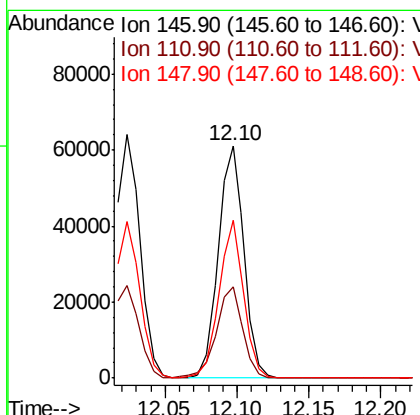
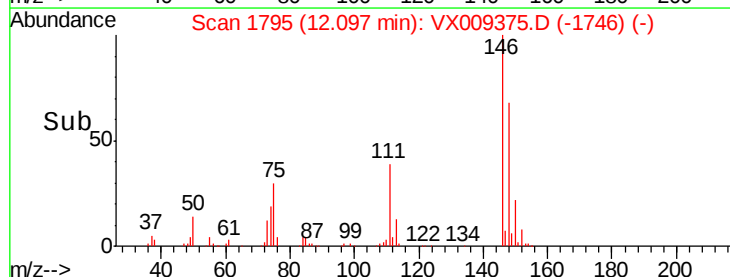
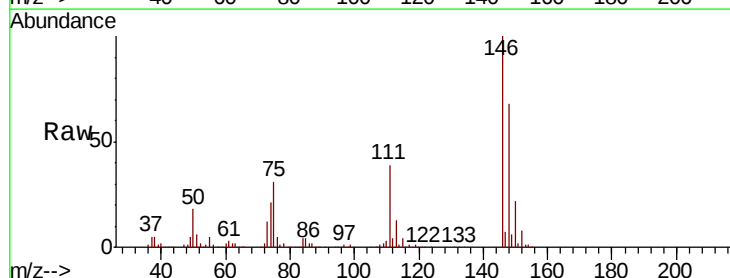
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion:146 Resp: 76895
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.0 59.9
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.165 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion:146 Resp: 76236
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 65.0 31.8 95.3

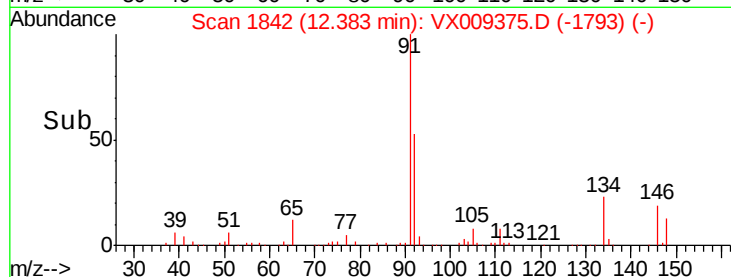
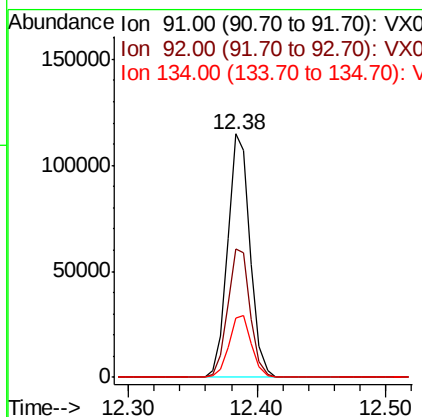
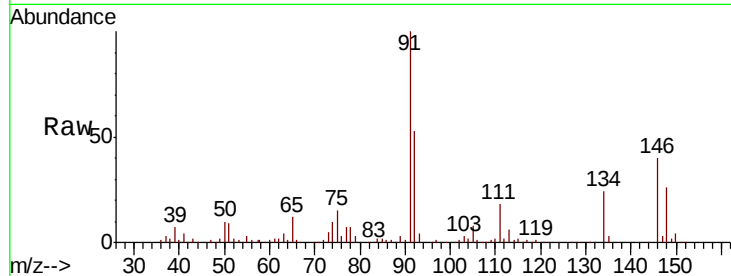




#89
n-Butylbenzene
Concen: 19.884 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

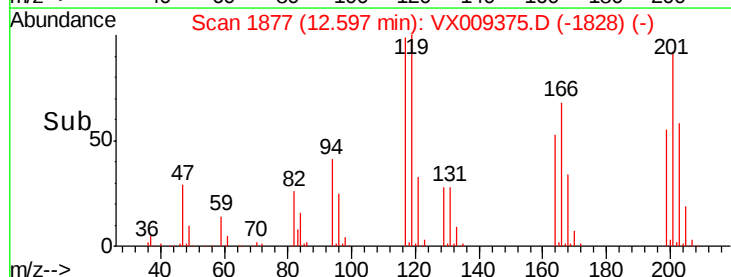
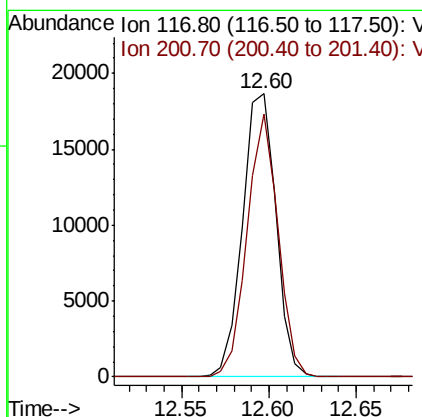
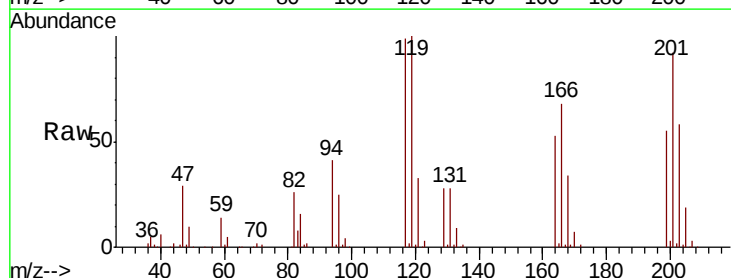
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion: 91 Resp: 139909
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 25.5 12.4 37.2



#90
Hexachloroethane
Concen: 18.820 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009375.D
Acq: 07 May 2019 13:45

Tgt Ion: 117 Resp: 24960
Ion Ratio Lower Upper
117 100
201 85.9 42.3 126.9

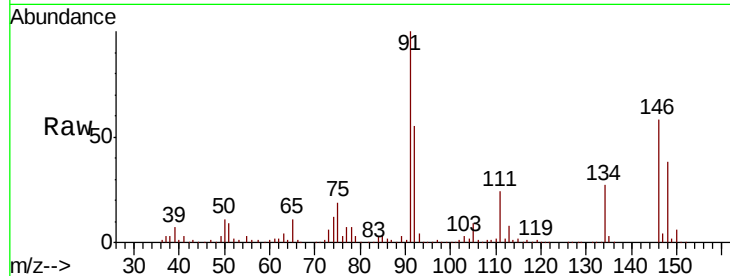




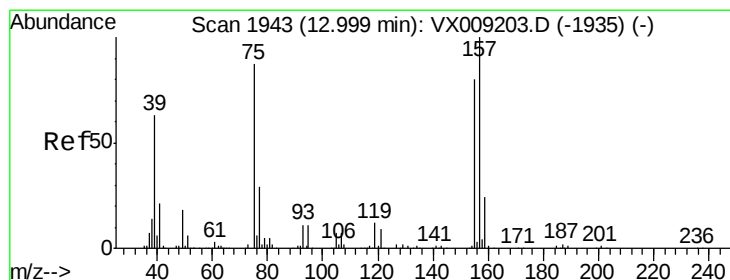
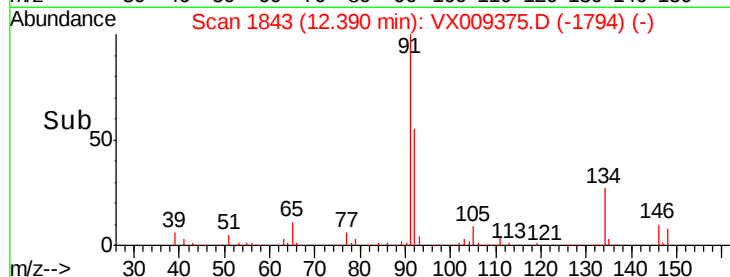
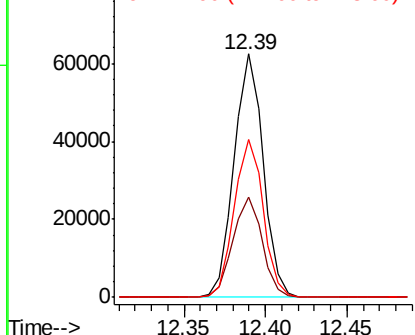
#91
 1,2-Dichlorobenzene
 Concen: 19.282 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion:146 Resp: 77489
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.4
 148 64.6 31.9 95.9

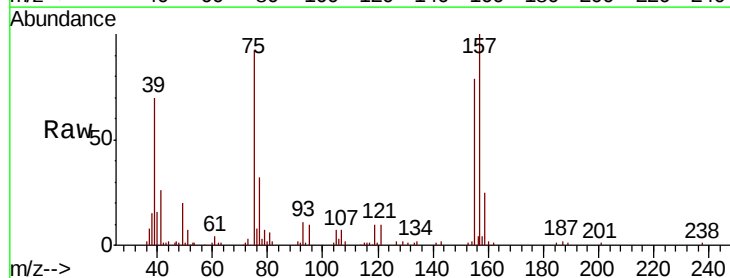


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

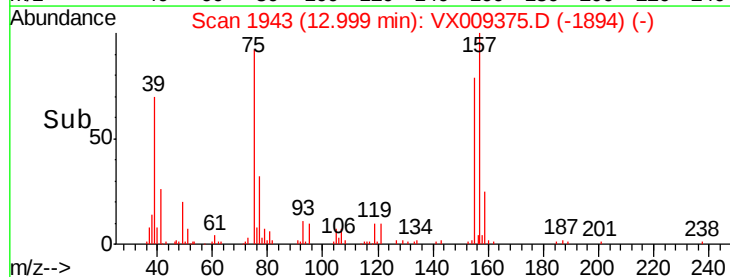
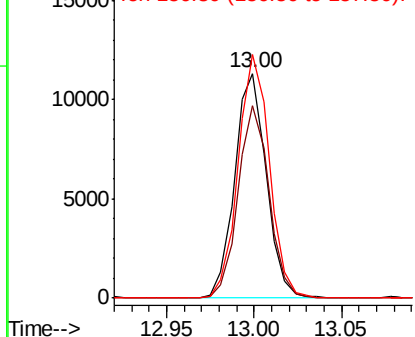


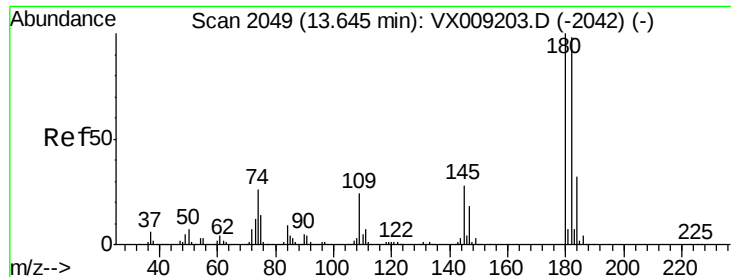
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.032 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion: 75 Resp: 14192
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.0 126.0
 157 107.1 53.2 159.6



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

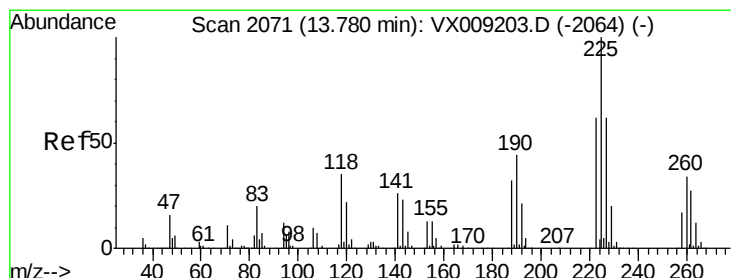
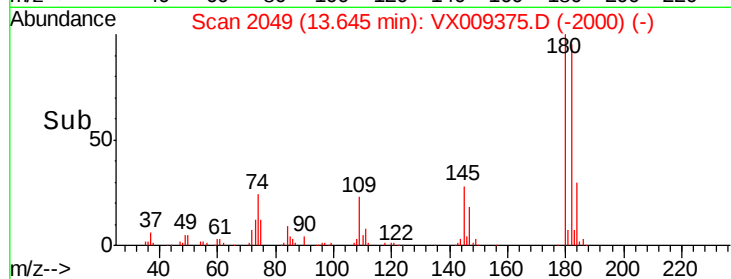
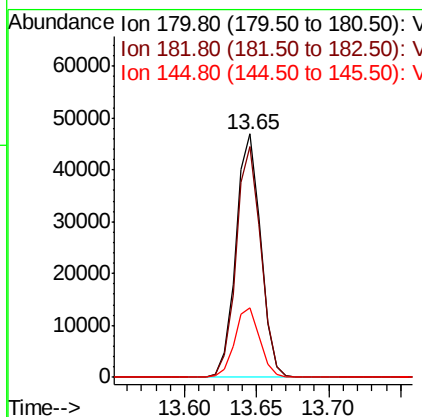
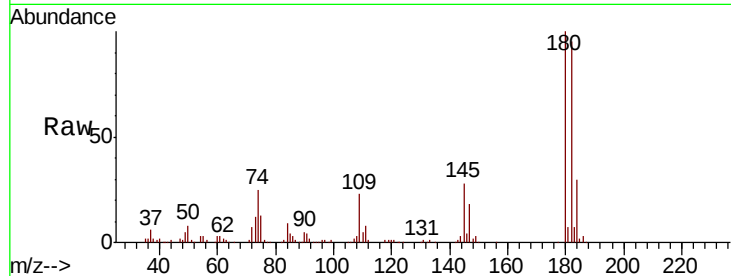




#93
 1,2,4-Trichlorobenzene
 Concen: 20.547 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

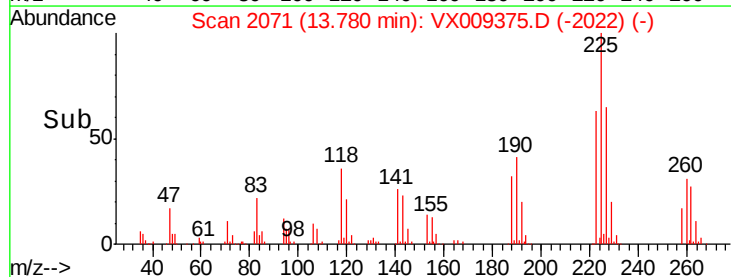
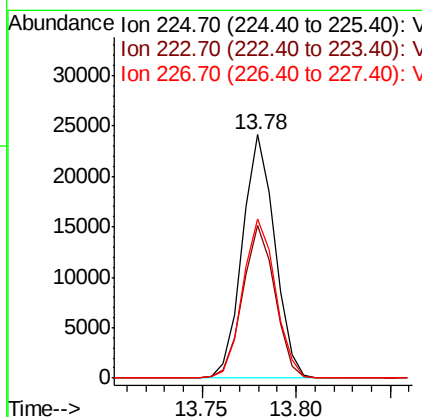
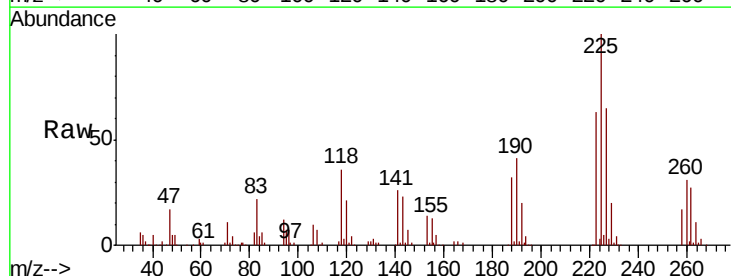
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

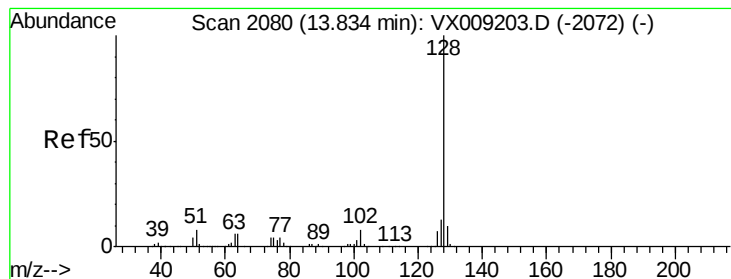
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.2
145	28.9	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.541 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009375.D
 Acq: 07 May 2019 13:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.3	93.8
227	65.9	31.8	95.3





#95

Naphthalene

Concen: 20.434 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

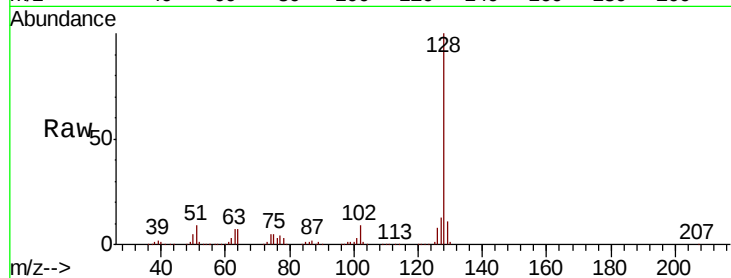
Tot Ion:128 Resp: 182692

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

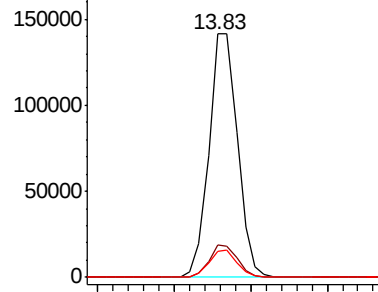
129 11.0 8.6 13.0



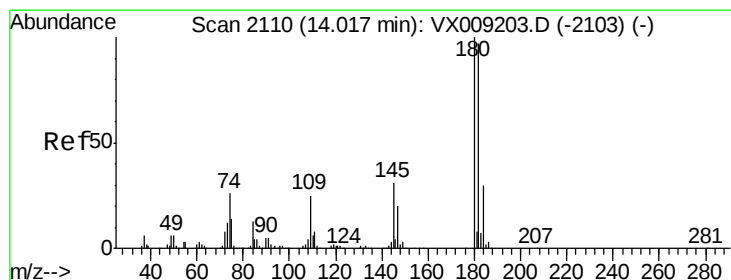
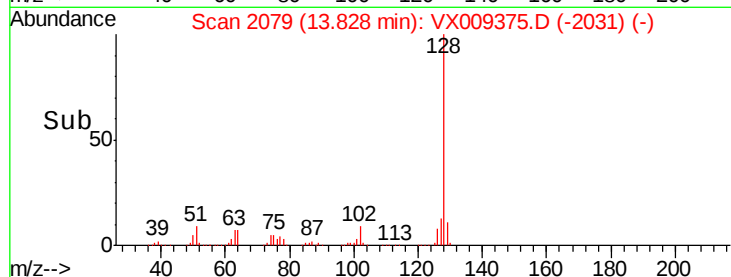
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.75 13.80 13.85 13.90



#96

1,2,3-Trichlorobenzene

Concen: 21.135 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009375.D

Acq: 07 May 2019 13:45

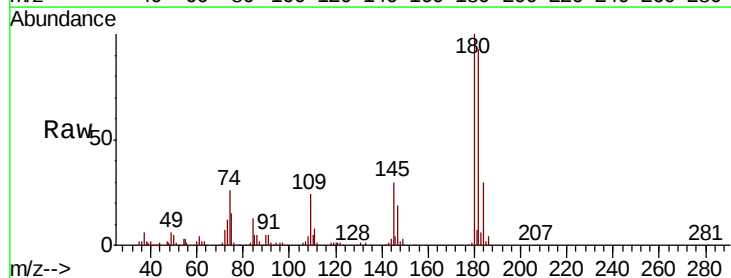
Tgt Ion:180 Resp: 58875

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.4

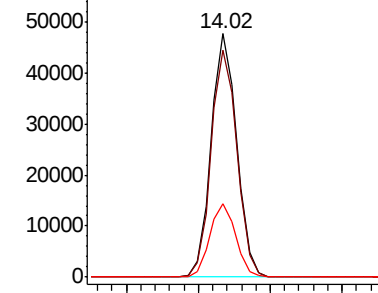
145 30.6 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time--> 13.95 14.00 14.05 14.10

