

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
 Data File : VX009137.D
 Acq On : 24 Apr 2019 12:04
 Operator : JC/SP
 Sample : VX0424WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Quant Time: Apr 25 05:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	324911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	141994	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	5.49	113	105452	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.71	98	412286	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	148479	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49811	21.235	ug/l	98
3) Chloromethane	1.32	50	58706	20.385	ug/l	97
4) Vinyl Chloride	1.41	62	59411	21.196	ug/l	99
5) Bromomethane	1.64	94	34089	21.775	ug/l	98
6) Chloroethane	1.72	64	34884	21.165	ug/l	95
7) Trichlorofluoromethane	1.93	101	68518	20.937	ug/l	99
8) Diethyl Ether	2.18	74	31065	20.757	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44570	21.301	ug/l	98
10) Methyl Iodide	2.51	142	38446	19.736	ug/l	99
11) Tert butyl alcohol	3.04	59	66487	104.361	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44584	20.414	ug/l	97
13) Acrolein	2.29	56	35027	63.631	ug/l	99
14) Allyl chloride	2.73	41	102385	21.488	ug/l	98
15) Acrylonitrile	3.14	53	169937	105.078	ug/l	99
16) Acetone	2.44	43	155309	104.348	ug/l	98
17) Carbon Disulfide	2.57	76	129111	20.866	ug/l	99
18) Methyl Acetate	2.77	43	77682	20.912	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	164799	21.177	ug/l	98
20) Methylene Chloride	2.85	84	51624	20.282	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	47935	20.577	ug/l	99
22) Diisopropyl ether	3.85	45	204231	22.058	ug/l	94
23) Vinyl Acetate	3.81	43	898803	110.433	ug/l	99
24) 1,1-Dichloroethane	3.69	63	98015	21.089	ug/l	100
25) 2-Butanone	4.67	43	255117	107.234	ug/l	98
26) 2,2-Dichloropropane	4.58	77	71528	20.531	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	54867	20.745	ug/l	99
28) Bromochloromethane	5.01	49	39414	19.229	ug/l	98
29) Tetrahydrofuran	5.13	42	169267	106.300	ug/l	99
30) Chloroform	5.21	83	88977	21.393	ug/l	98
31) Cyclohexane	5.57	56	98428	21.531	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	71513	20.746	ug/l	97
36) 1,1-Dichloropropene	5.79	75	69667	20.732	ug/l	99
37) Ethyl Acetate	4.83	43	97392	22.524	ug/l	100
38) Carbon Tetrachloride	5.78	117	60857	21.363	ug/l	93

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 ClientSampleId :
 VX0424WBS01

Quant Time: Apr 25 05:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89247	21.814	ug/l	100
40) Benzene	6.14	78	212654	21.452	ug/l	100
41) Methacrylonitrile	5.04	41	54948	22.142	ug/l	100
42) 1,2-Dichloroethane	6.19	62	75253	21.430	ug/l	99
43) Isopropyl Acetate	6.44	43	150341	21.576	ug/l	99
44) Trichloroethene	7.21	130	49772	20.492	ug/l	96
45) 1,2-Dichloropropane	7.51	63	60413	21.967	ug/l	97
46) Dibromomethane	7.66	93	34169	21.349	ug/l	99
47) Bromodichloromethane	7.90	83	66967	21.333	ug/l	98
48) Methyl methacrylate	7.77	41	75152	21.828	ug/l	99
49) 1,4-Dioxane	7.74	88	26285	407.889	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	489303	110.225	ug/l	99
52) Toluene	8.78	92	127530	21.466	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77371	21.416	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	86399	21.358	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51721	21.966	ug/l	98
56) Ethyl methacrylate	9.18	69	91487	21.669	ug/l	98
57) 1,3-Dichloropropane	9.37	76	91680	21.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	226733	99.725	ug/l	99
59) 2-Hexanone	9.49	43	371938	108.675	ug/l	100
60) Dibromochloromethane	9.58	129	49351	21.869	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51916	21.363	ug/l	98
64) Tetrachloroethene	9.34	164	46929	21.695	ug/l	95
65) Chlorobenzene	10.13	112	127656	21.241	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45970	21.712	ug/l	99
67) Ethyl Benzene	10.25	91	237196	21.590	ug/l	100
68) m/p-Xylenes	10.36	106	171116	42.856	ug/l	99
69) o-Xylene	10.69	106	80945	20.835	ug/l	96
70) Styrene	10.71	104	142978	21.237	ug/l	99
71) Bromoform	10.85	173	35498	21.045	ug/l #	100
73) Isopropylbenzene	11.02	105	223127	21.903	ug/l	99
74) N-amyl acetate	10.90	43	126713	21.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81092	21.787	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	95195	29.008	ug/l	79
77) Bromobenzene	11.26	156	53774	20.922	ug/l	99
78) n-propylbenzene	11.36	91	259000	22.151	ug/l	100
79) 2-Chlorotoluene	11.42	91	152130	21.592	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	190441	22.278	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26072	20.397	ug/l	94
82) 4-Chlorotoluene	11.51	91	174057	21.271	ug/l	100
83) tert-Butylbenzene	11.77	119	177376	21.612	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	192084	22.075	ug/l	99
85) sec-Butylbenzene	11.94	105	216841	22.153	ug/l	99
86) p-Isopropyltoluene	12.06	119	195443	21.717	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	95356	21.197	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94903	20.811	ug/l	99
89) n-Butylbenzene	12.38	91	181715	21.681	ug/l	100
90) Hexachloroethane	12.60	117	32833	22.117	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93992	21.159	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17076	20.150	ug/l	97

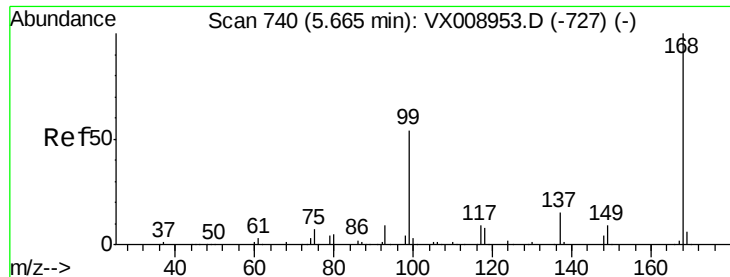
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67035	20.905	ug/l	99
94) Hexachlorobutadiene	13.78	225	35185	22.000	ug/l	99
95) Naphthalene	13.83	128	212035	20.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65322	20.646	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: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

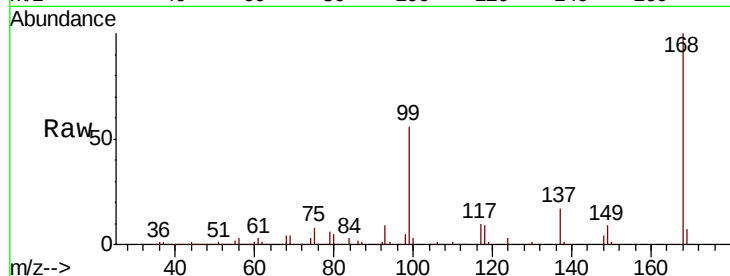
VX0424WBS01

Tgt Ion:168 Resp: 203658

Ion Ratio Lower Upper

168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

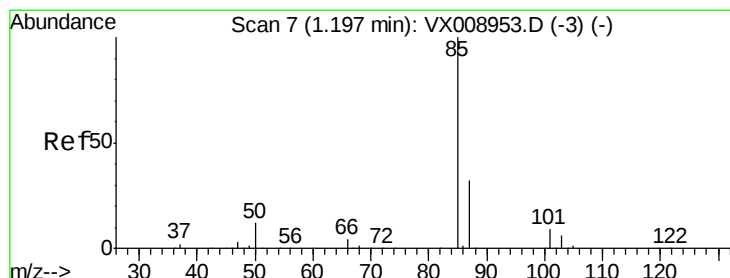
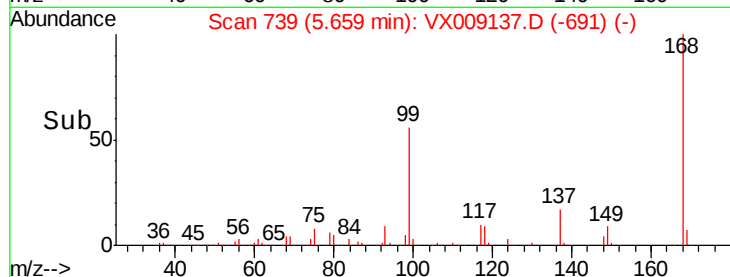
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.235 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009137.D

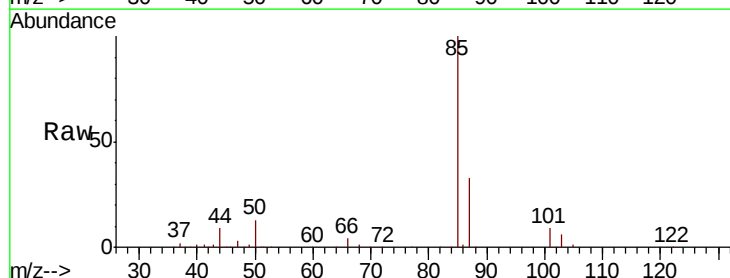
Acq: 24 Apr 2019 12:04

Tgt Ion: 85 Resp: 49811

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

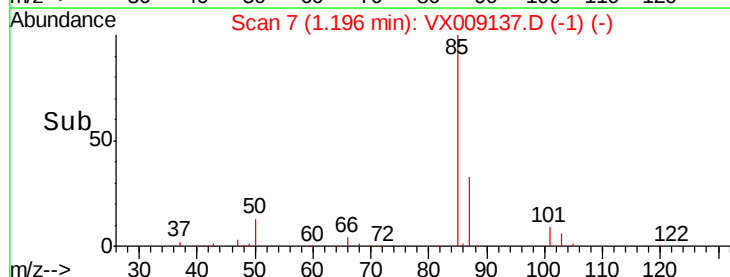
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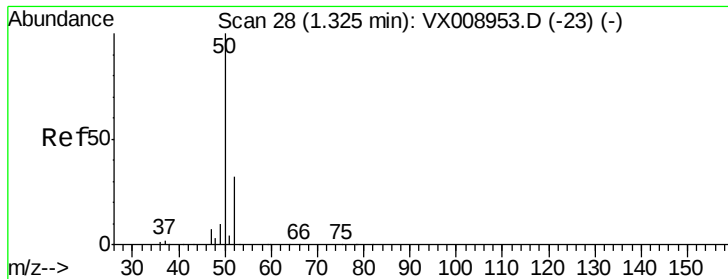
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.385 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

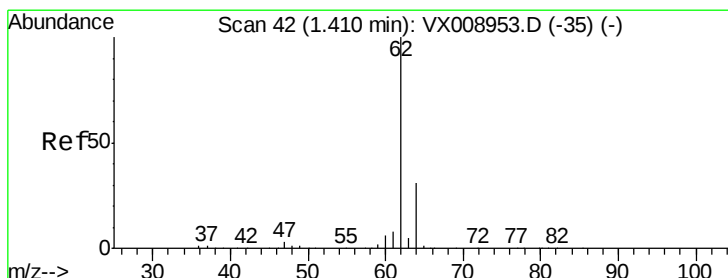
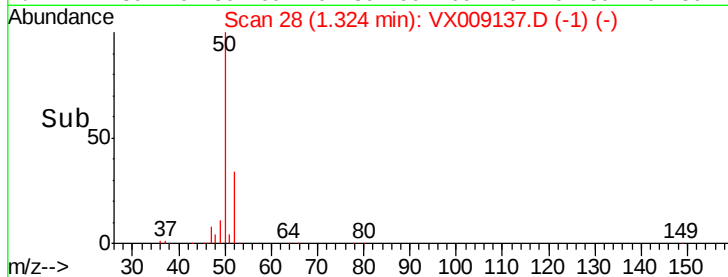
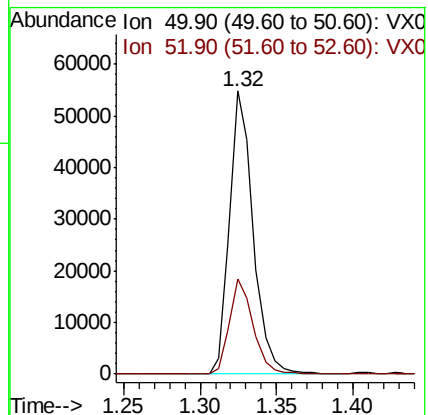
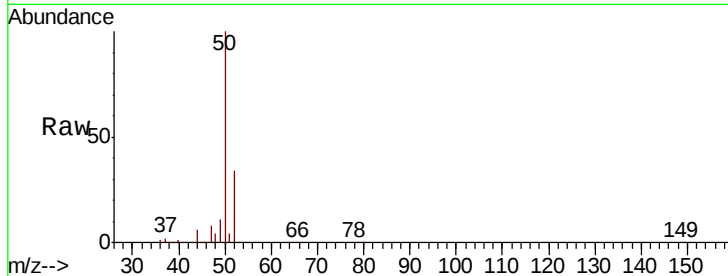
VX0424WBS01

Tgt Ion: 50 Resp: 58706

Ion Ratio Lower Upper

50 100

52 33.7 25.5 38.3



#4

Vinyl Chloride

Concen: 21.196 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009137.D

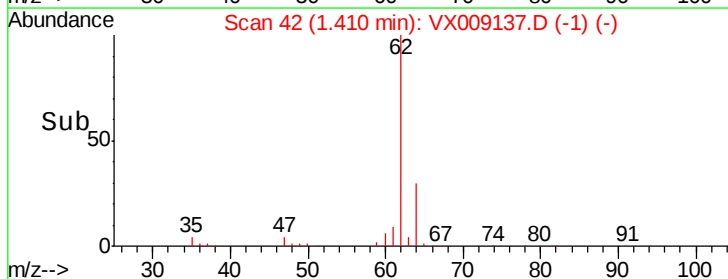
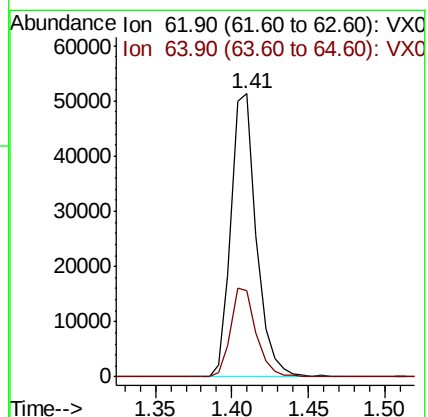
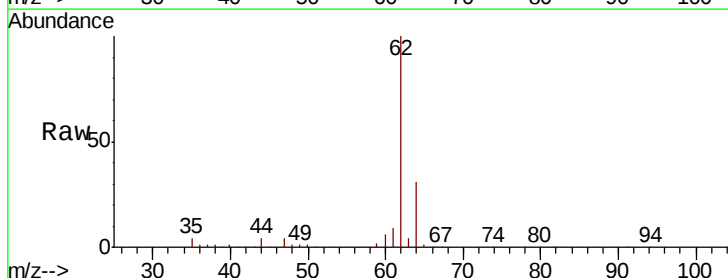
Acq: 24 Apr 2019 12:04

Tgt Ion: 62 Resp: 59411

Ion Ratio Lower Upper

62 100

64 30.4 25.0 37.4





#5

Bromomethane

Concen: 21.775 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

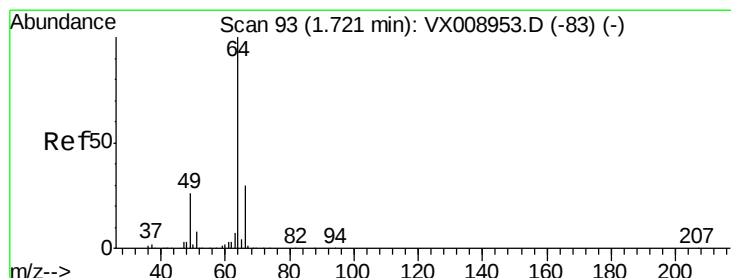
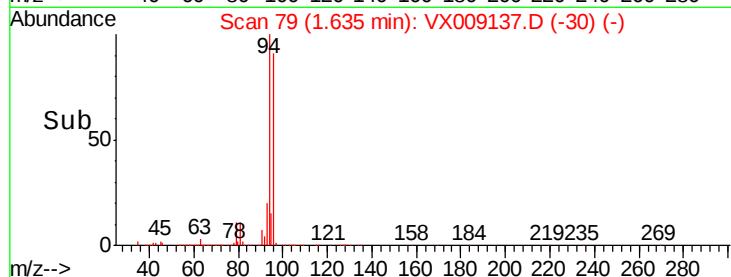
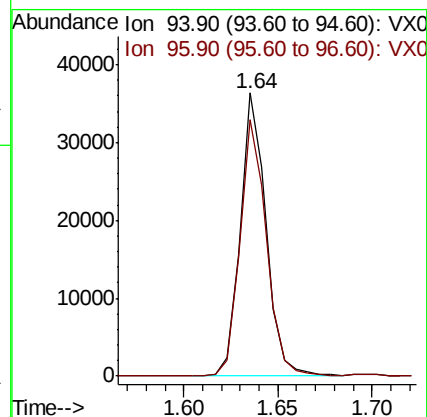
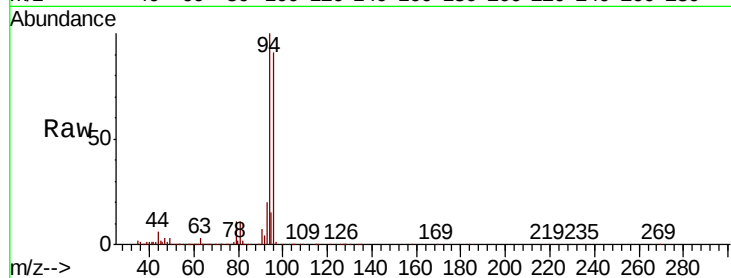
VX0424WBS01

Tgt Ion: 94 Resp: 34089

Ion Ratio Lower Upper

94 100

96 90.7 73.9 110.9



#6

Chloroethane

Concen: 21.165 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009137.D

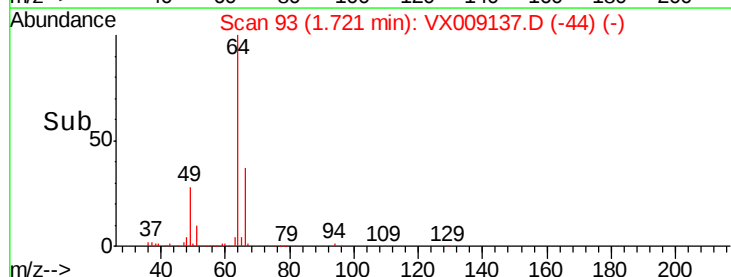
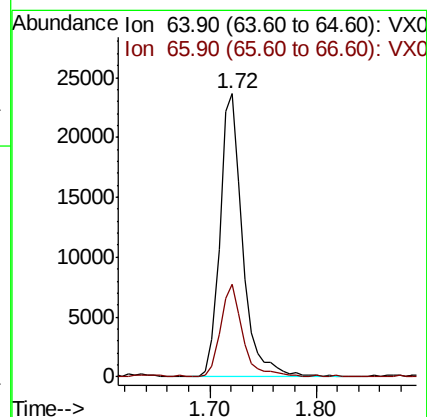
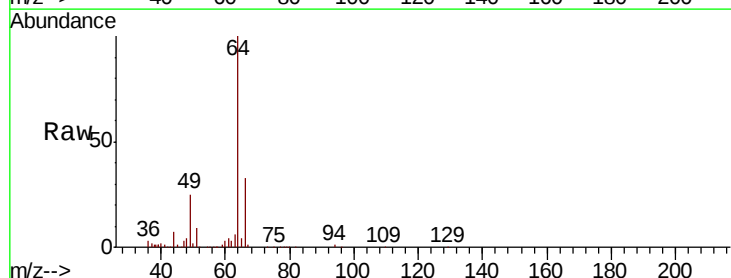
Acq: 24 Apr 2019 12:04

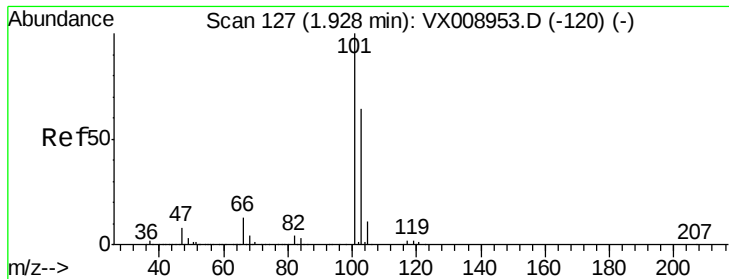
Tgt Ion: 64 Resp: 34884

Ion Ratio Lower Upper

64 100

66 32.6 24.2 36.2



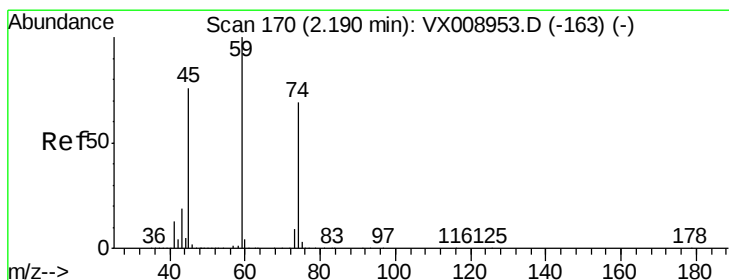
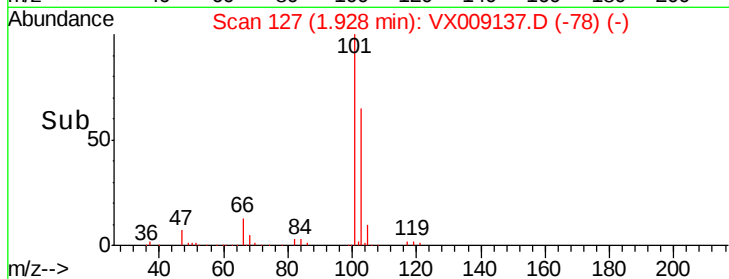
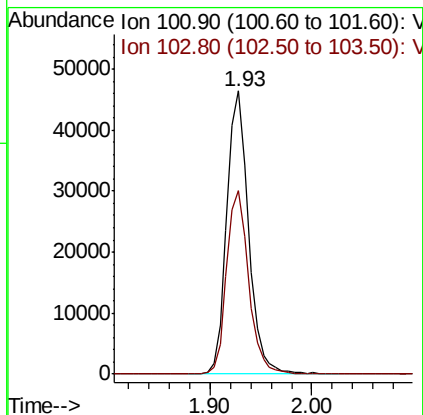
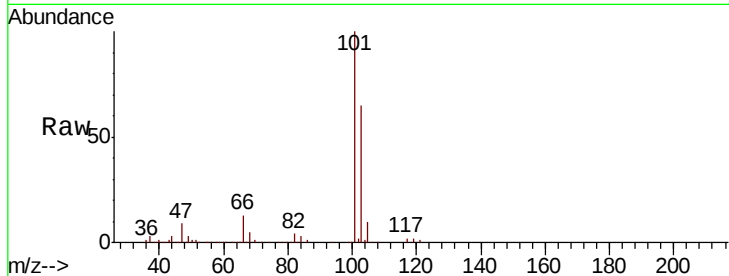


#7

Trichlorofluoromethane
 Concen: 20.937 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0424WBS01

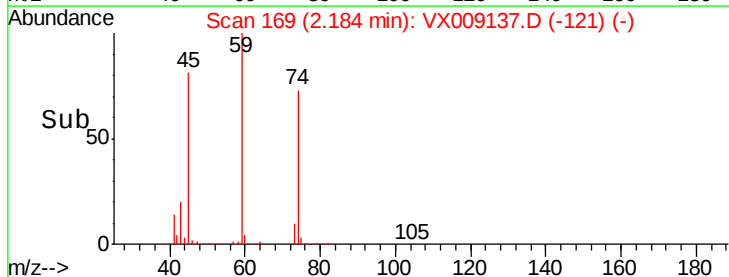
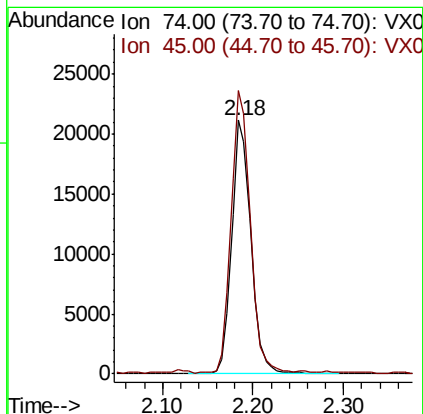
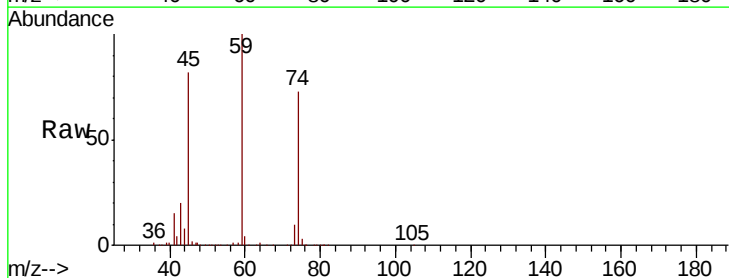
Tgt Ion:101 Resp: 68518
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.0 76.6

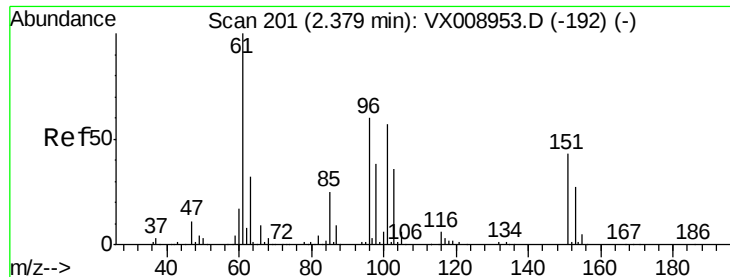


#8

Diethyl Ether
 Concen: 20.757 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 74 Resp: 31065
 Ion Ratio Lower Upper
 74 100
 45 110.1 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.301 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

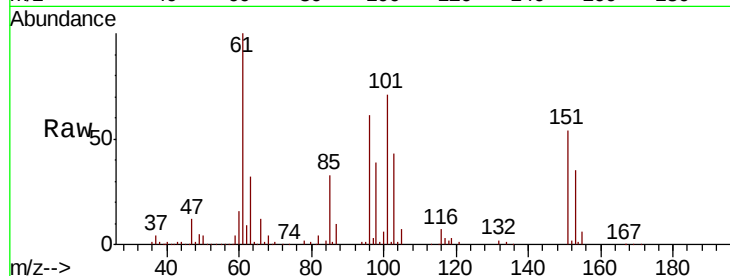
Tgt Ion:101 Resp: 44570

Ion Ratio Lower Upper

101 100

85 45.0 35.7 53.5

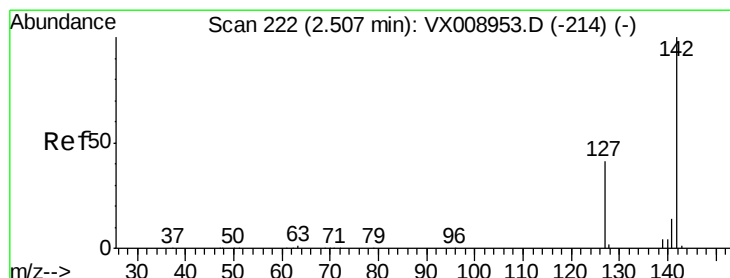
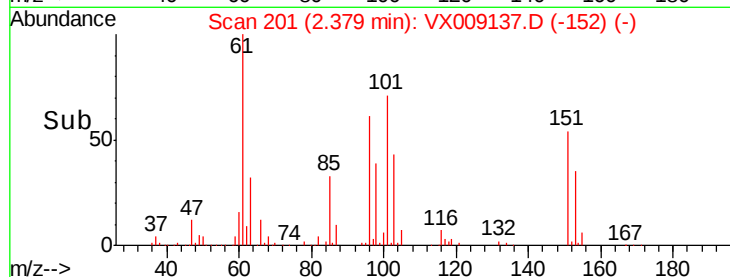
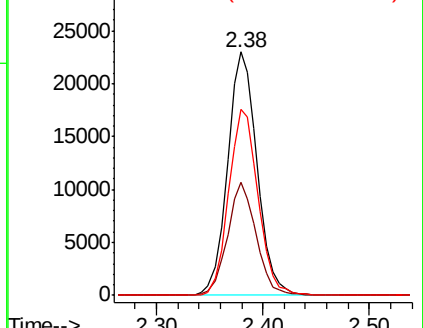
151 76.3 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.736 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

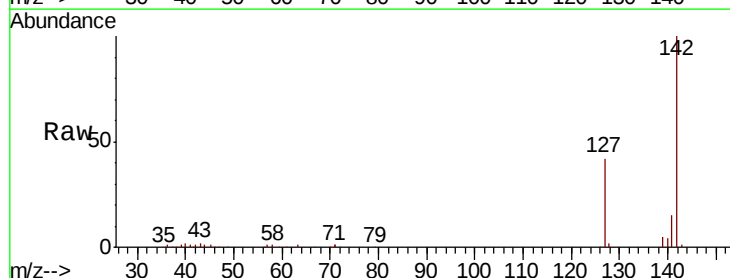
Tgt Ion:142 Resp: 38446

Ion Ratio Lower Upper

142 100

127 40.4 32.8 49.2

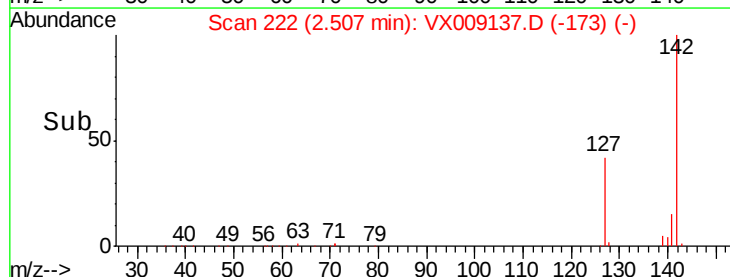
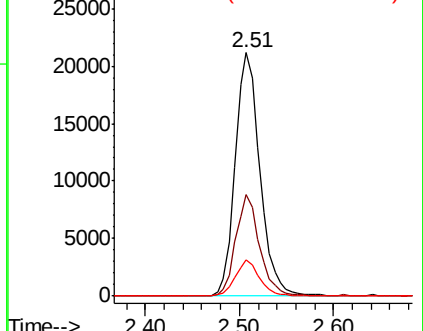
141 14.4 11.4 17.2

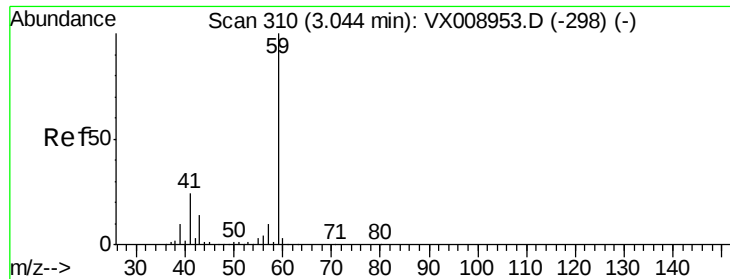


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

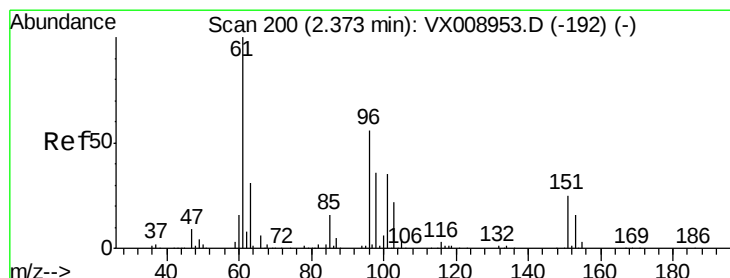
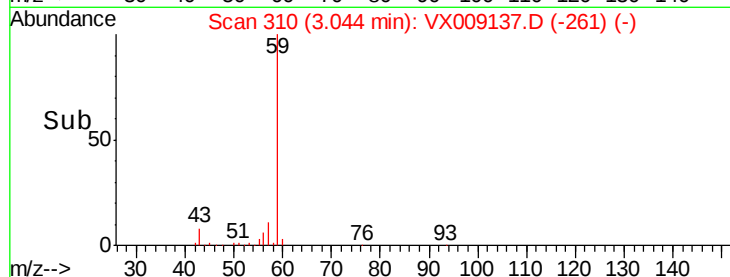
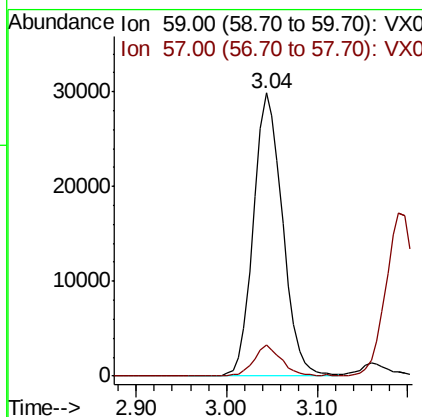
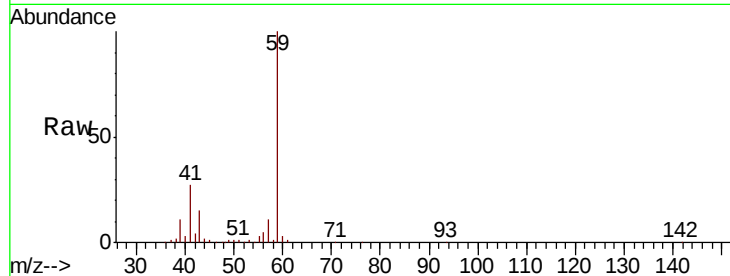




#11
Tert butyl alcohol
Concen: 104.361 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

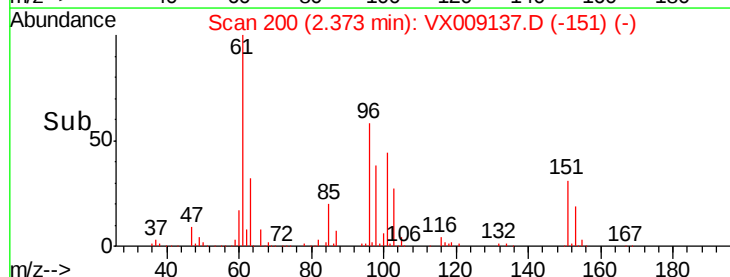
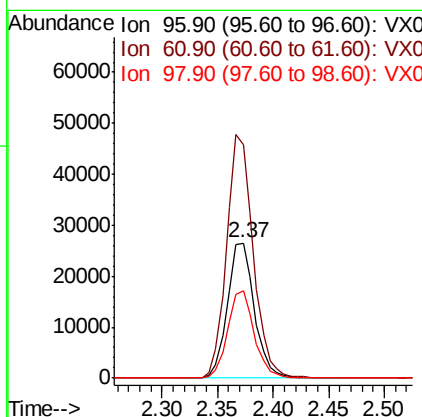
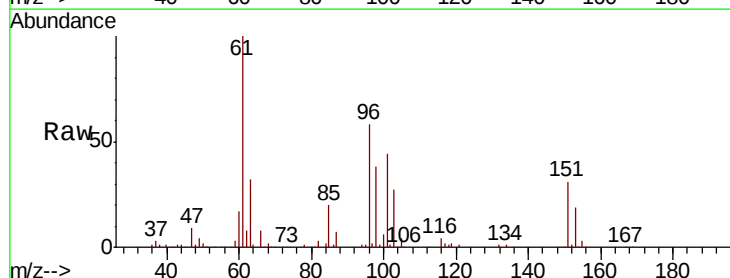
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

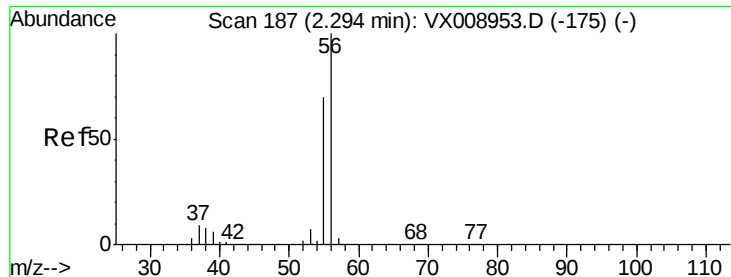
Tgt Ion: 59 Resp: 66487
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.414 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion: 96 Resp: 44584
Ion Ratio Lower Upper
96 100
61 172.2 142.2 213.2
98 64.6 50.9 76.3





#13

Acrolein

Concen: 63.631 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

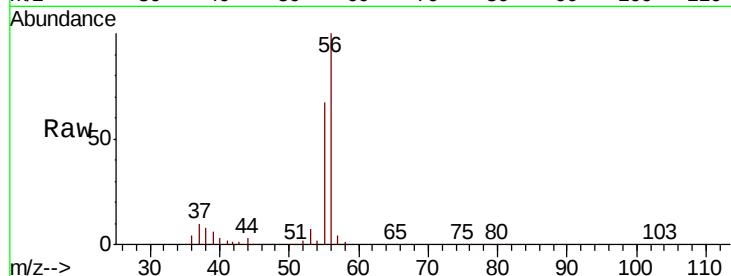
VX0424WBS01

Tgt Ion: 56 Resp: 35027

Ion Ratio Lower Upper

56 100

55 69.9 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

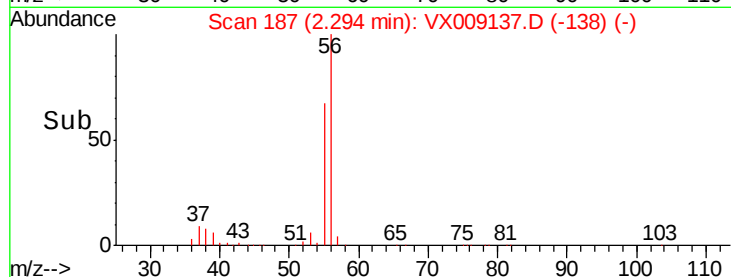
15000

10000

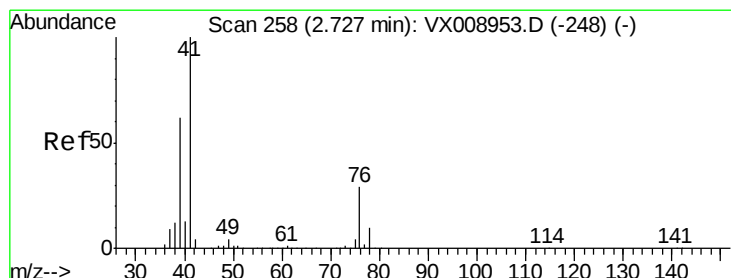
5000

0

Time-->



Time-->



#14

Allyl chloride

Concen: 21.488 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

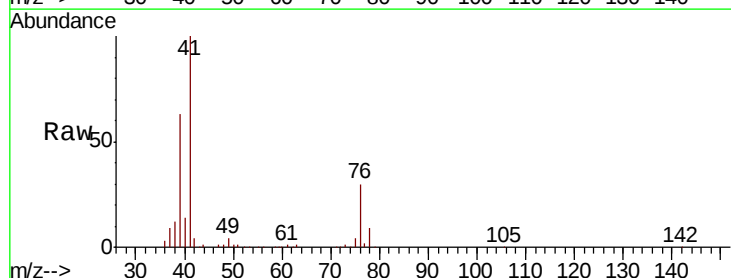
Tgt Ion: 41 Resp: 102385

Ion Ratio Lower Upper

41 100

39 60.3 46.7 70.1

76 27.8 22.0 33.0



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

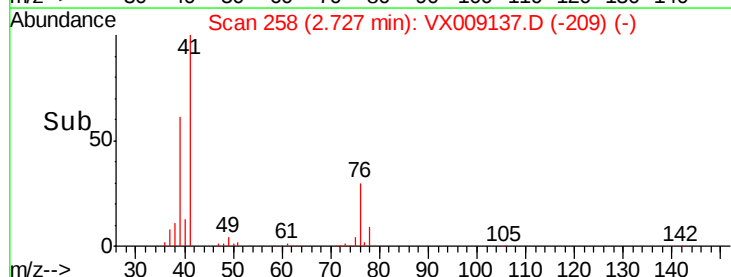
60000

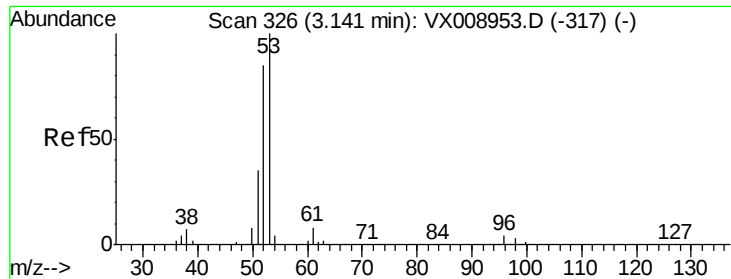
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 105.078 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

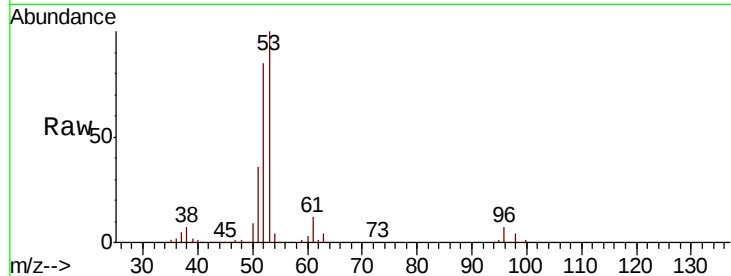
Tgt Ion: 53 Resp: 169937

Ion Ratio Lower Upper

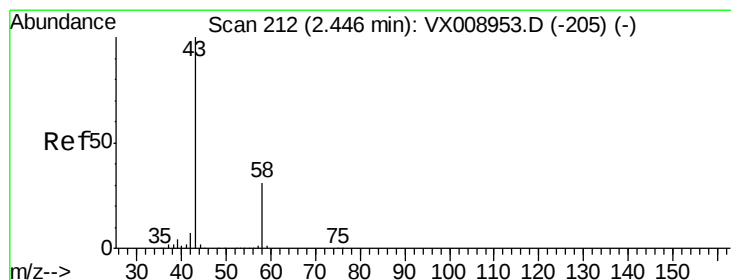
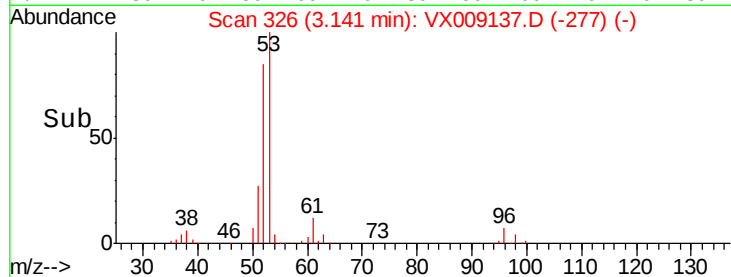
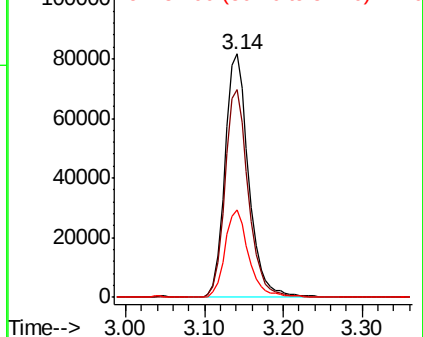
53 100

52 84.6 66.6 100.0

51 36.1 28.3 42.5



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



#16

Acetone

Concen: 104.348 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009137.D

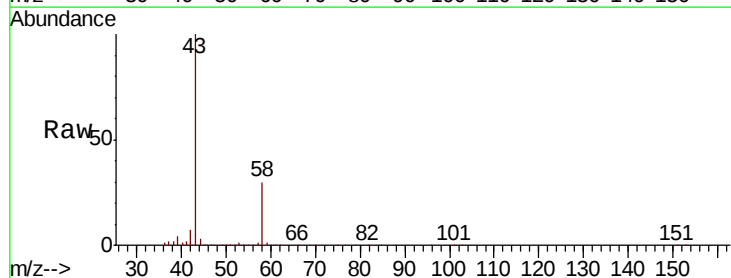
Acq: 24 Apr 2019 12:04

Tgt Ion: 43 Resp: 155309

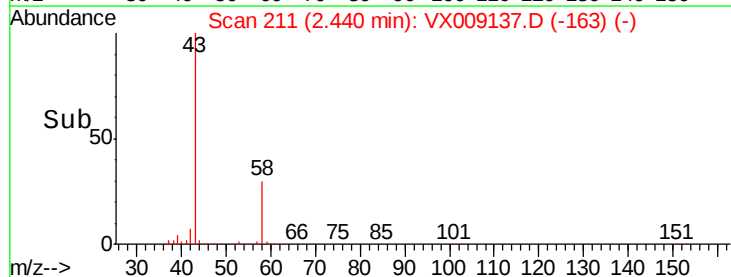
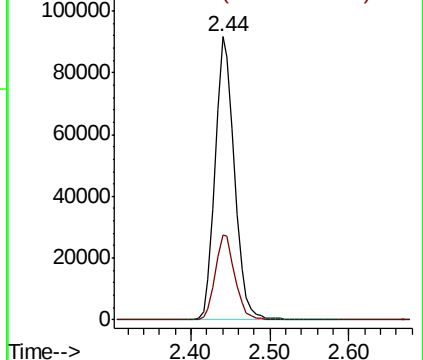
Ion Ratio Lower Upper

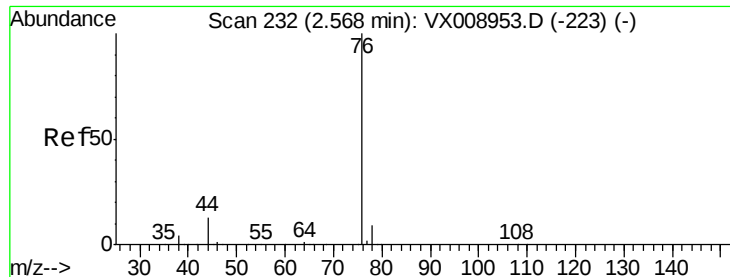
43 100

58 30.0 24.8 37.2



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

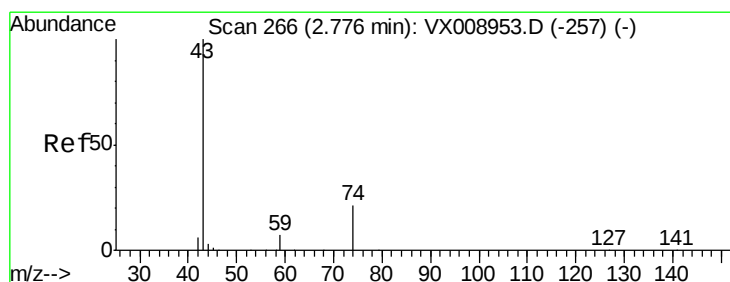
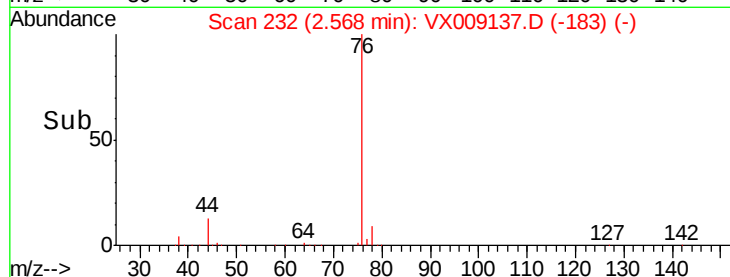
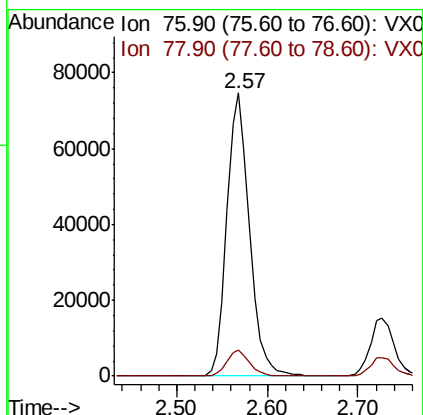
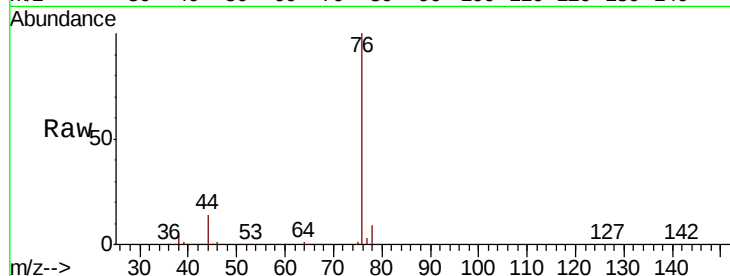




#17
Carbon Disulfide
Concen: 20.866 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

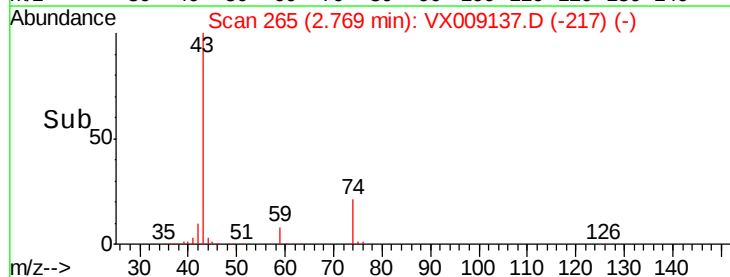
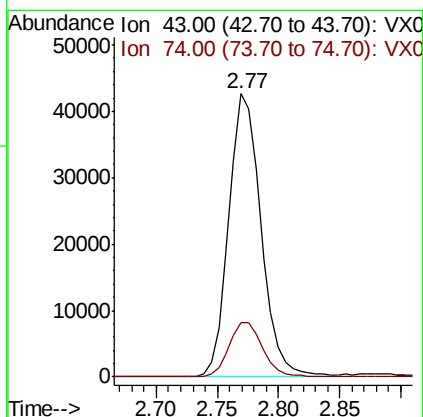
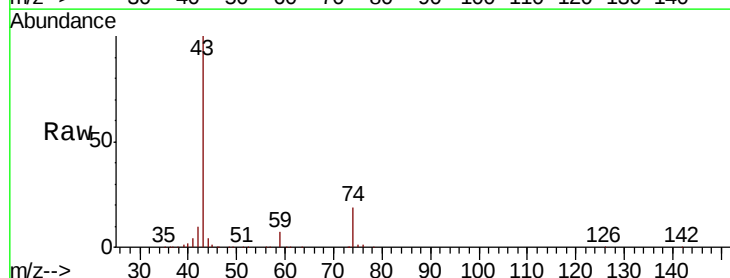
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

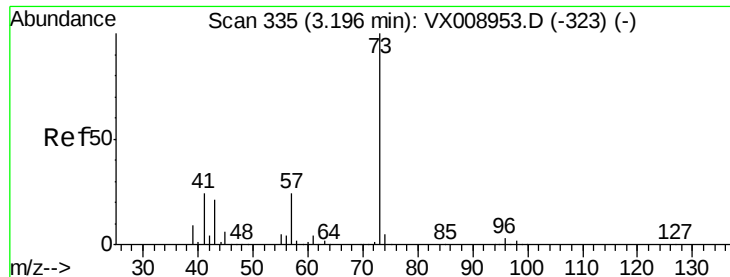
Tgt Ion: 76 Resp: 129111
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.912 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion: 43 Resp: 77682
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 21.177 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

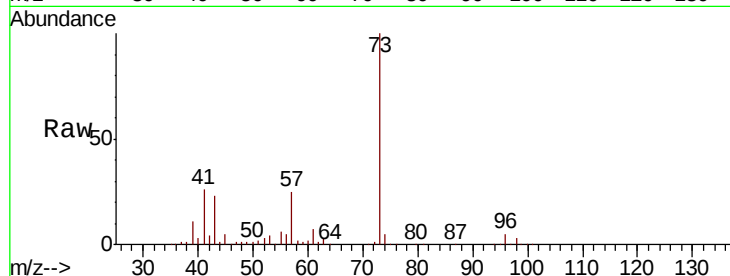
VX0424WBS01

Tgt Ion: 73 Resp: 164799

Ion Ratio Lower Upper

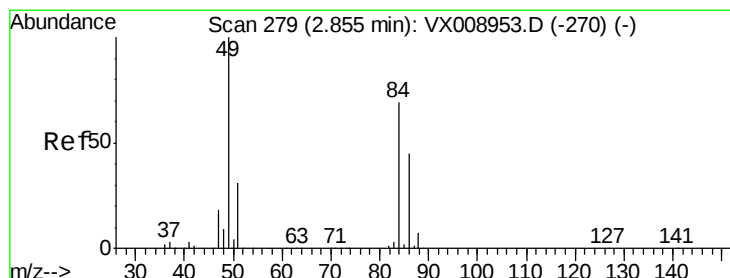
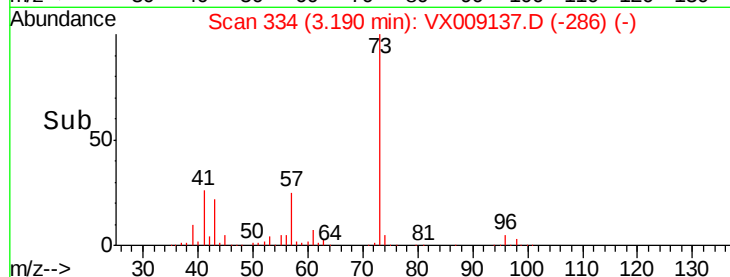
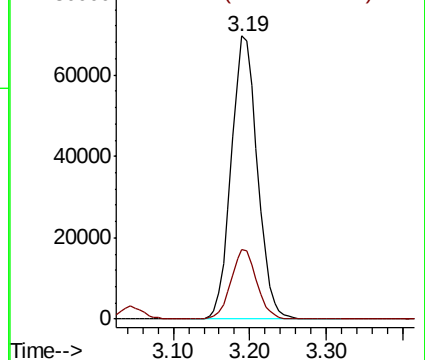
73 100

57 24.8 19.2 28.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 20.282 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Tgt Ion: 84 Resp: 51624

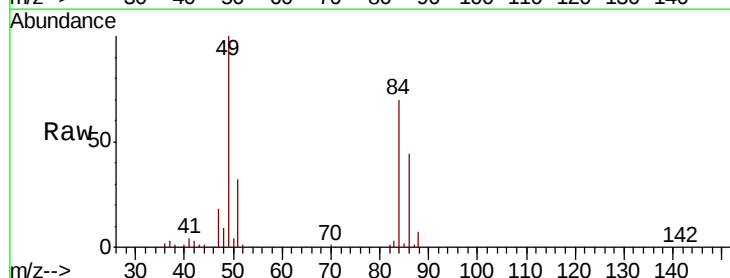
Ion Ratio Lower Upper

84 100

49 142.2 115.4 173.0

51 44.8 35.8 53.6

86 62.9 52.1 78.1

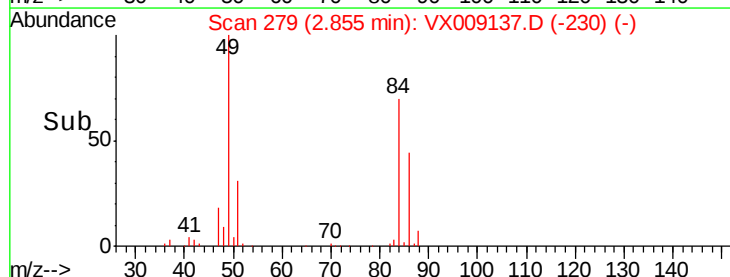
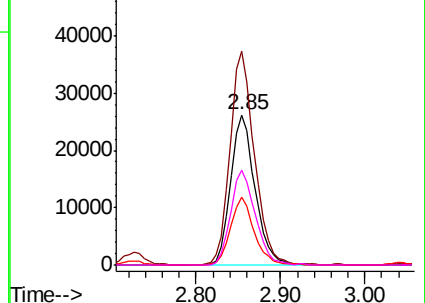


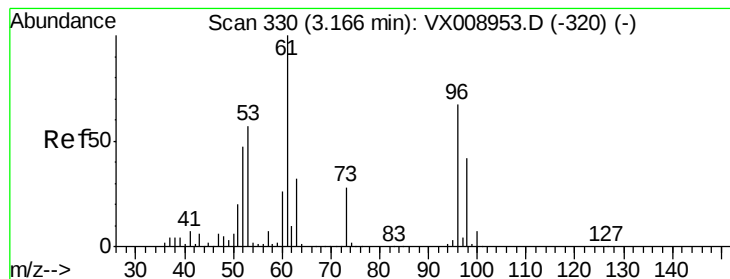
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.577 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

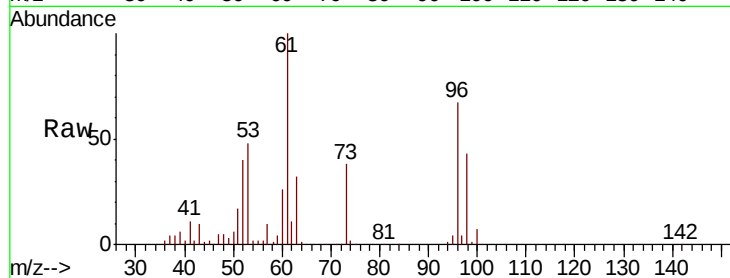
Tgt Ion: 96 Resp: 47935

Ion Ratio Lower Upper

96 100

61 149.9 120.3 180.5

98 64.3 50.2 75.2

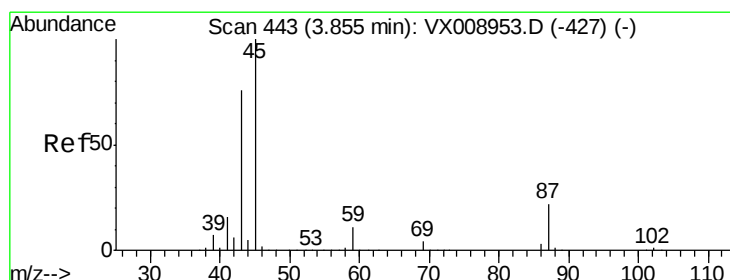
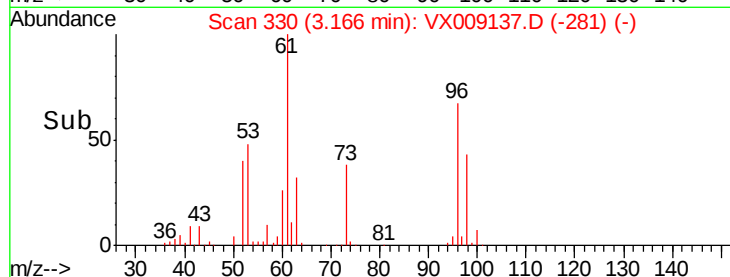
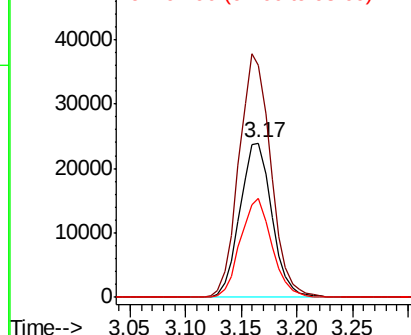


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.058 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Tgt Ion: 45 Resp: 204231

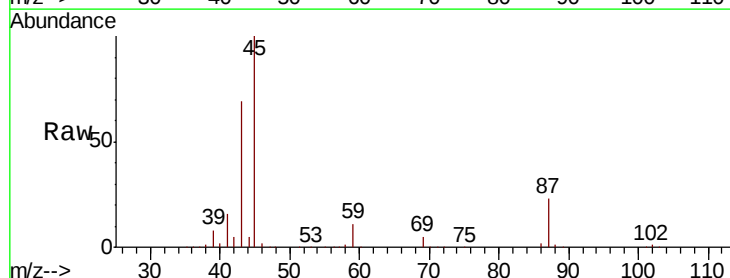
Ion Ratio Lower Upper

45 100

43 69.3 60.6 91.0

87 22.9 17.8 26.8

59 11.2 8.7 13.1



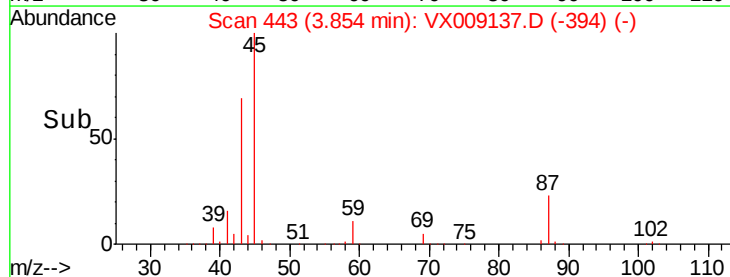
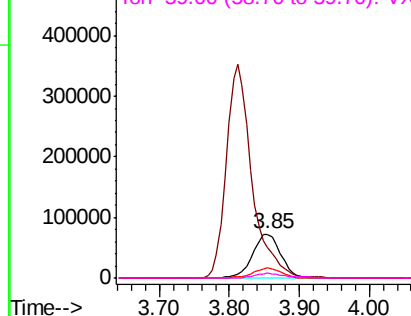
Abundance

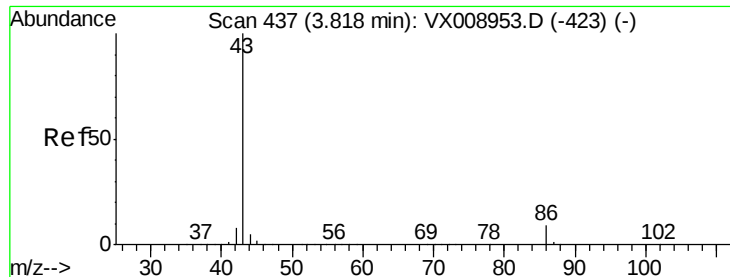
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 110.433 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

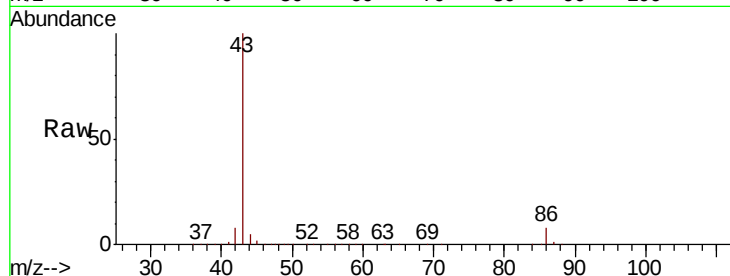
VX0424WBS01

Tgt Ion: 43 Resp: 898803

Ion Ratio Lower Upper

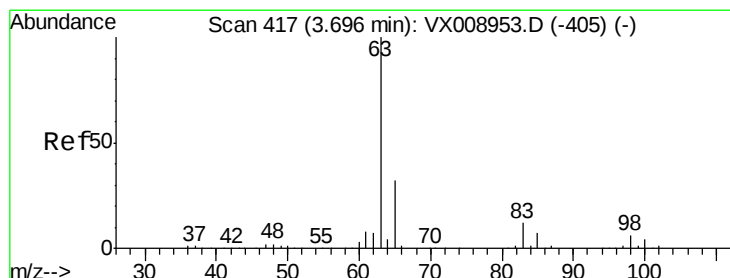
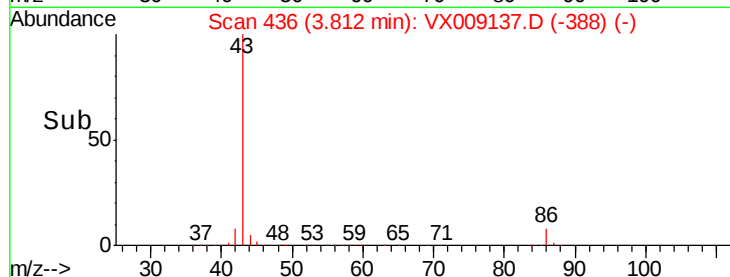
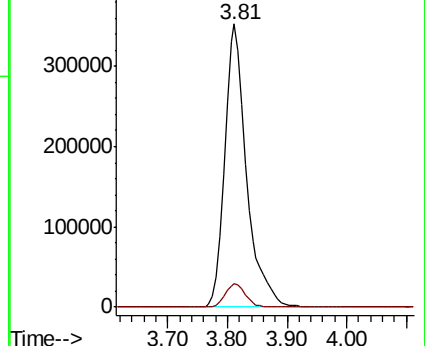
43 100

86 8.4 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.089 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

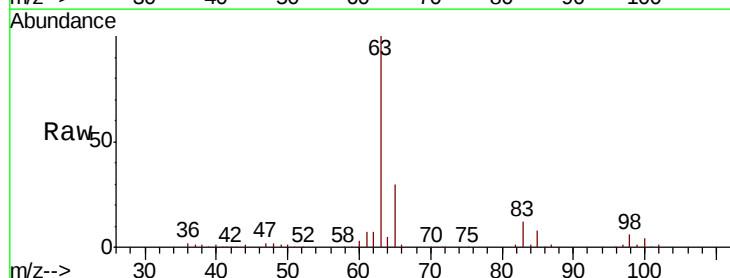
Tgt Ion: 63 Resp: 98015

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

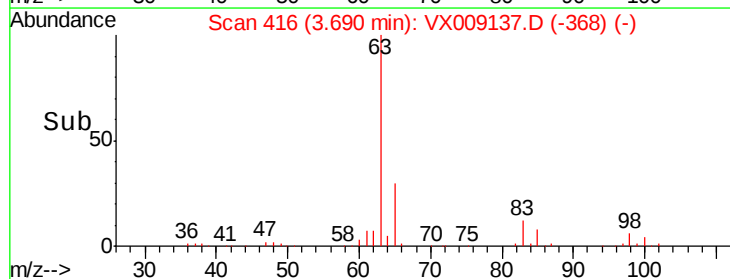
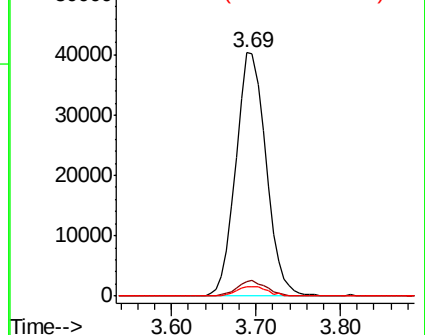
100 3.7 1.9 5.7

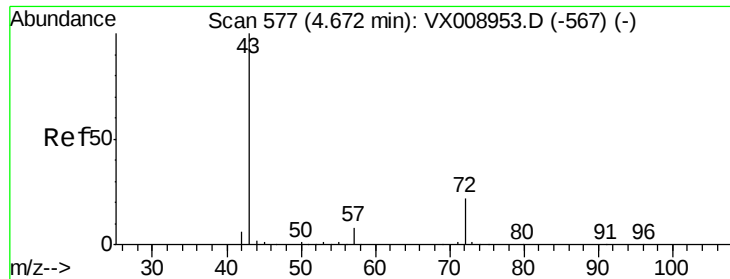


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.234 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

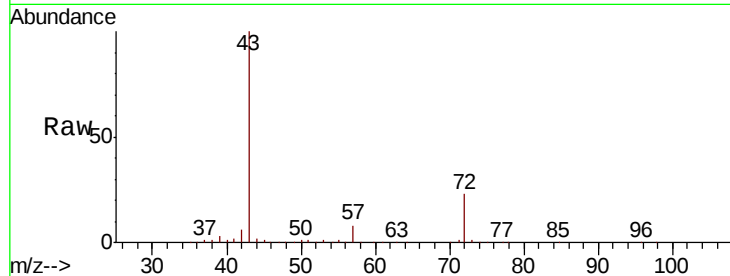
VX0424WBS01

Tgt Ion: 43 Resp: 255117

Ion Ratio Lower Upper

43 100

72 23.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

80000

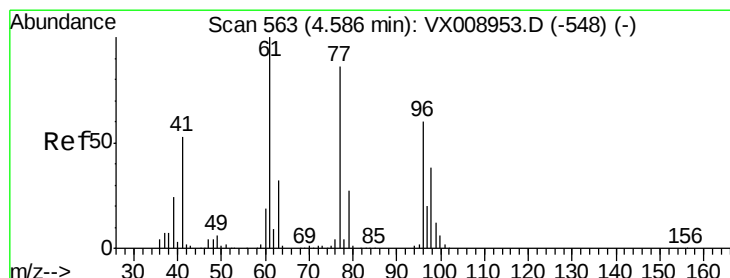
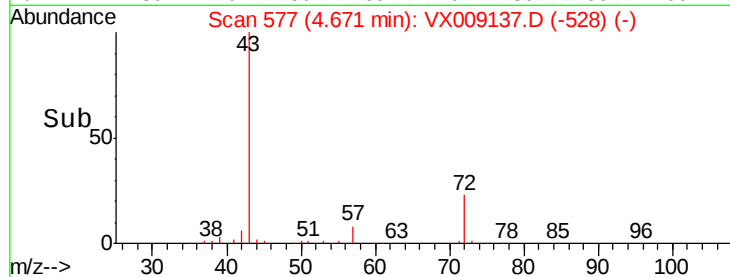
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 20.531 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009137.D

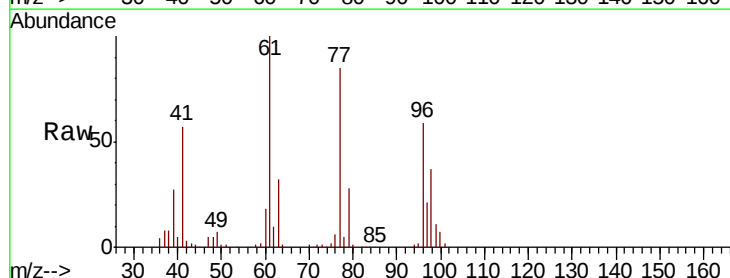
Acq: 24 Apr 2019 12:04

Tgt Ion: 77 Resp: 71528

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

25000

20000

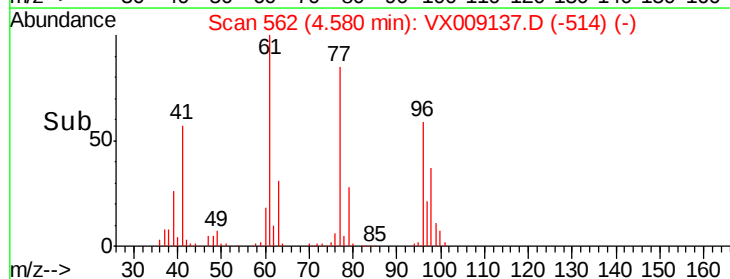
15000

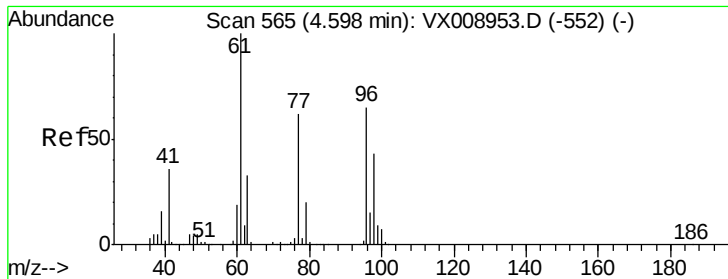
10000

5000

0

Time-->



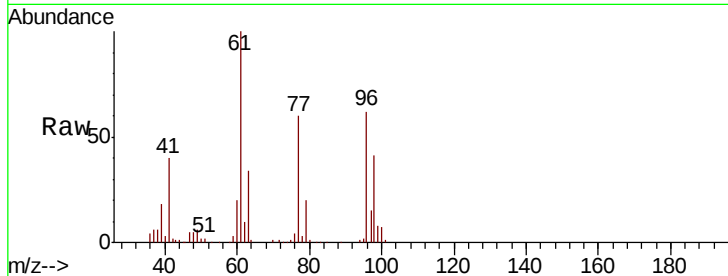


#27

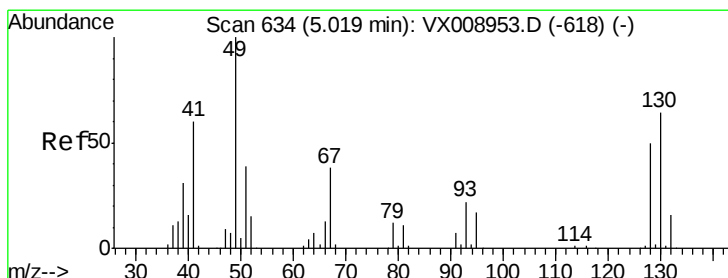
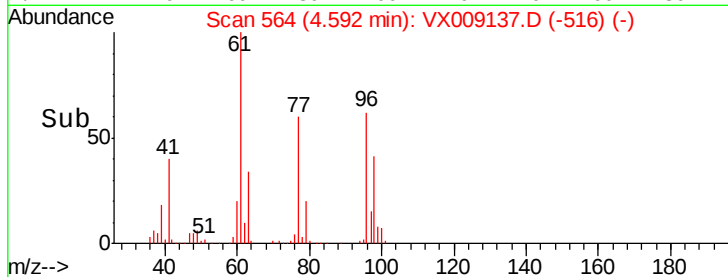
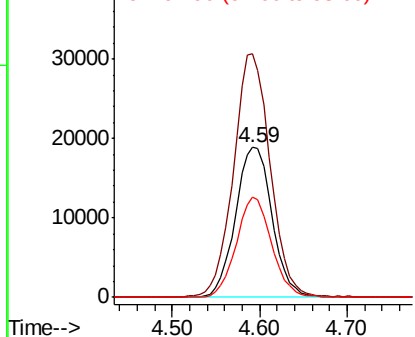
cis-1,2-Dichloroethene
 Concen: 20.745 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tgt Ion: 96 Resp: 54867
 Ion Ratio Lower Upper
 96 100
 61 162.8 0.0 322.0
 98 64.2 0.0 128.4



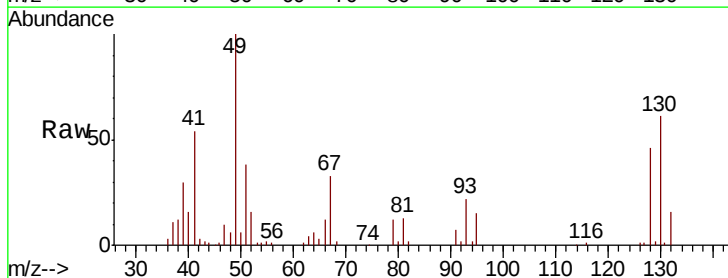
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



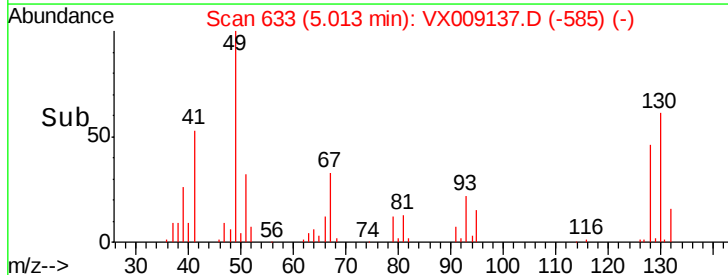
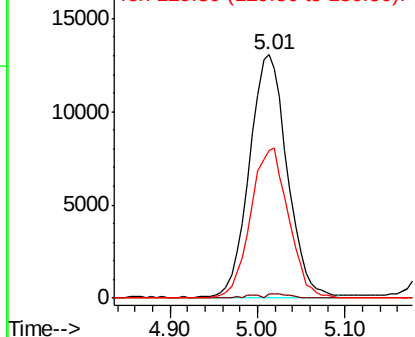
#28

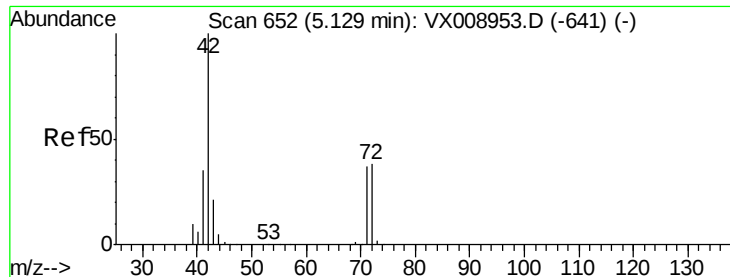
Bromochloromethane
 Concen: 19.229 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 49 Resp: 39414
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.6
 130 61.2 50.4 75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 106.300 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

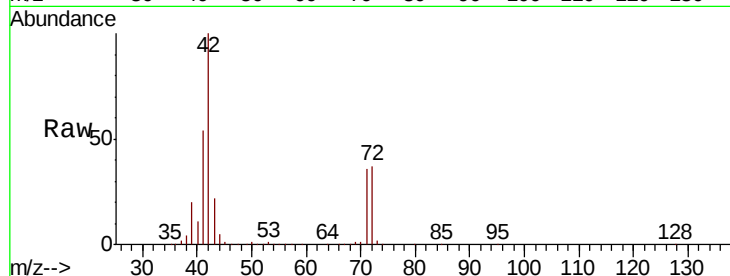
Tgt Ion: 42 Resp: 169267

Ion Ratio Lower Upper

42 100

72 37.4 30.6 45.8

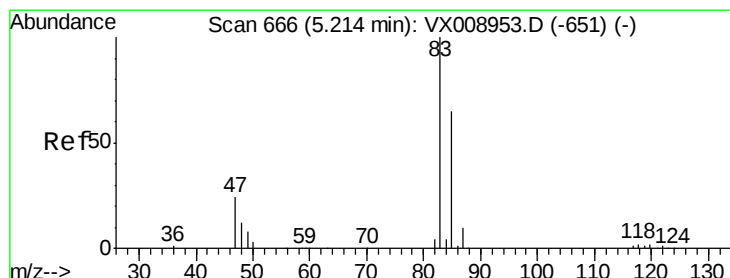
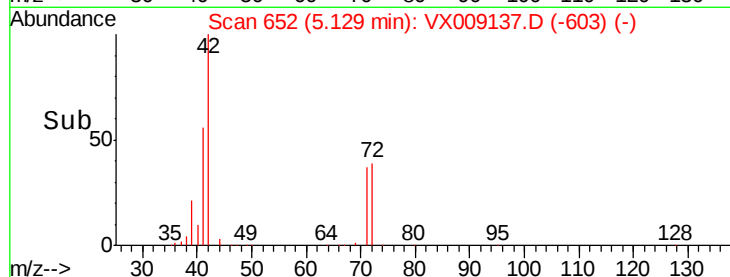
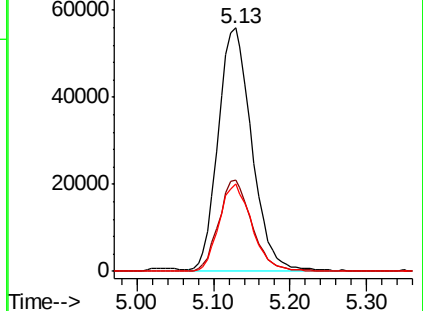
71 35.3 28.8 43.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.393 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009137.D

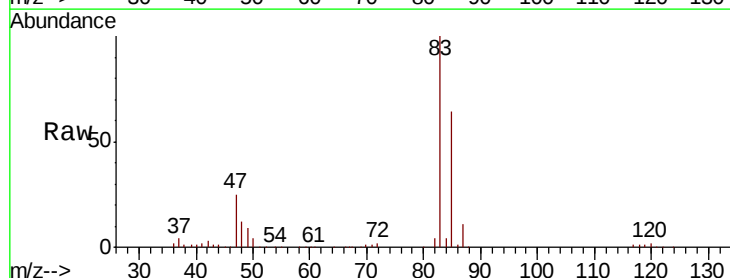
Acq: 24 Apr 2019 12:04

Tgt Ion: 83 Resp: 88977

Ion Ratio Lower Upper

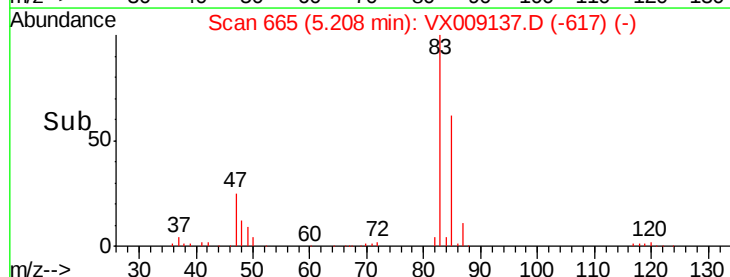
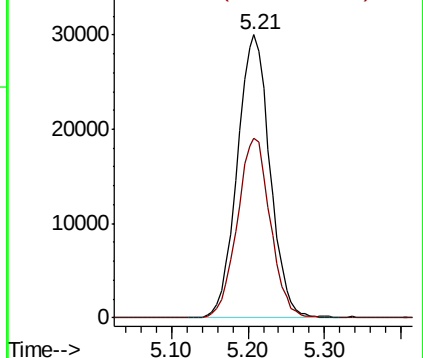
83 100

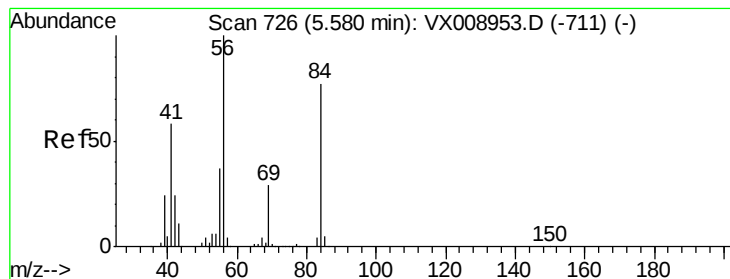
85 63.6 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.531 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

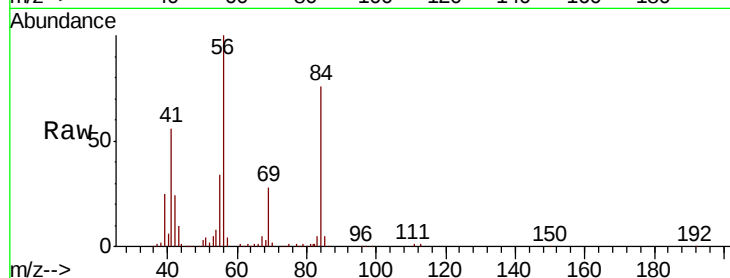
Tgt Ion: 56 Resp: 98428

Ion Ratio Lower Upper

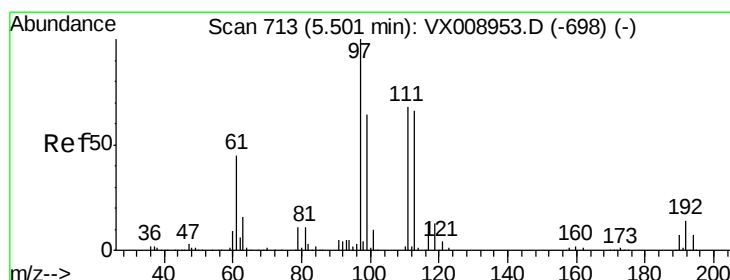
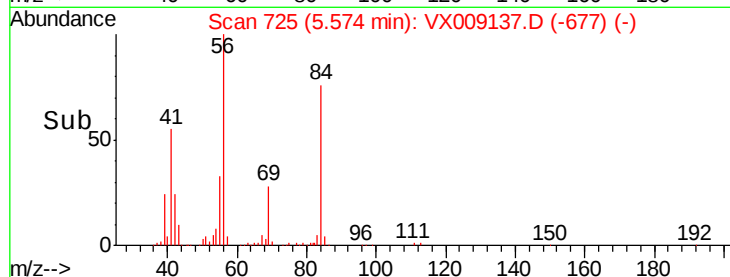
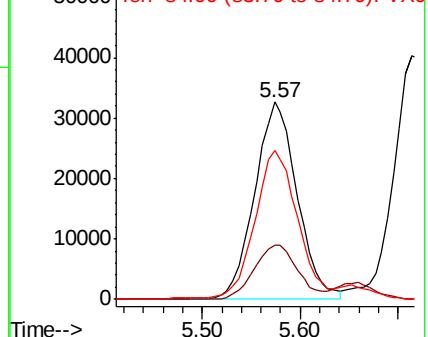
56 100

69 27.8 23.3 34.9

84 75.0 61.7 92.5



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: 20.746 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

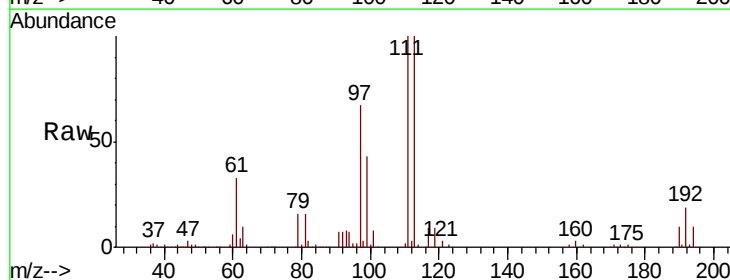
Tgt Ion: 97 Resp: 71513

Ion Ratio Lower Upper

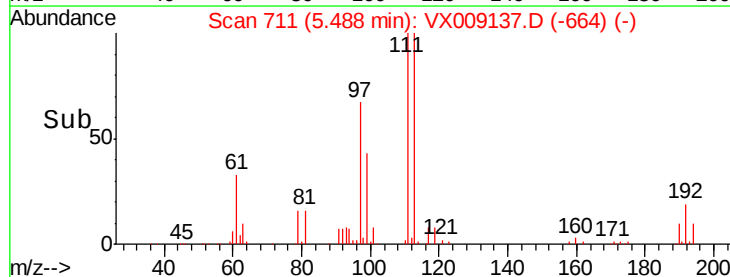
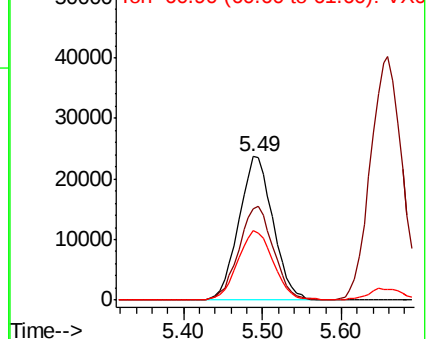
97 100

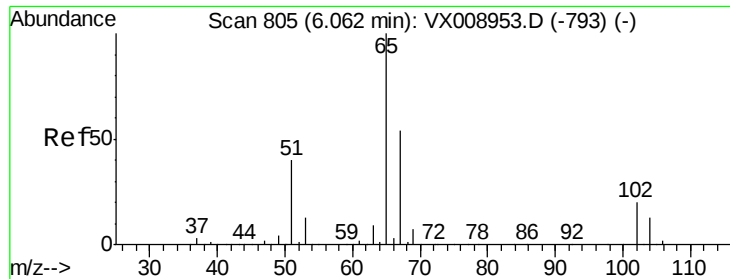
99 66.1 51.6 77.4

61 50.4 37.9 56.9



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: 49.473 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

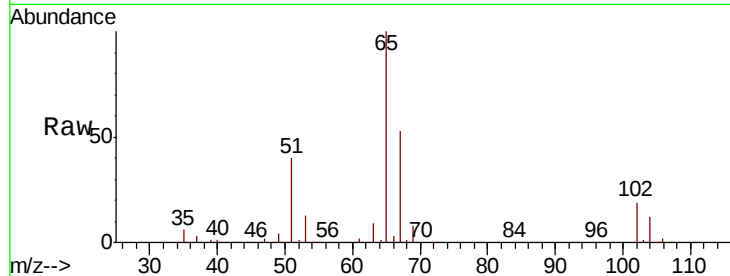
VX0424WBS01

Tgt Ion: 65 Resp: 141994

Ion Ratio Lower Upper

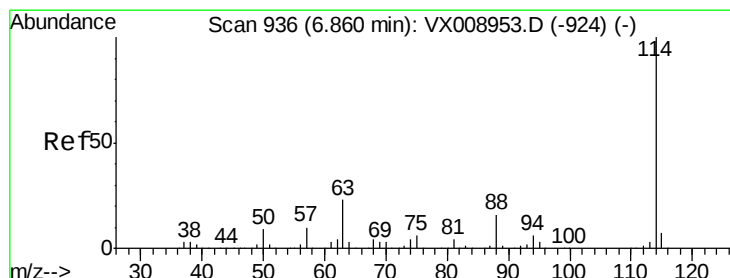
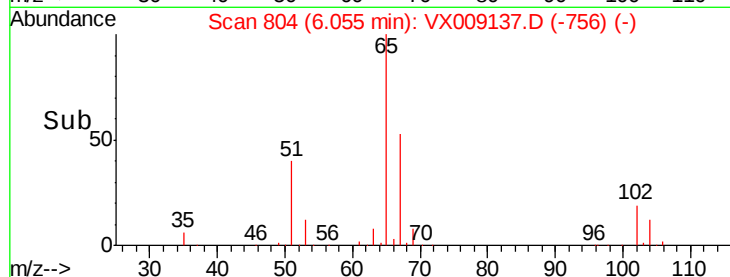
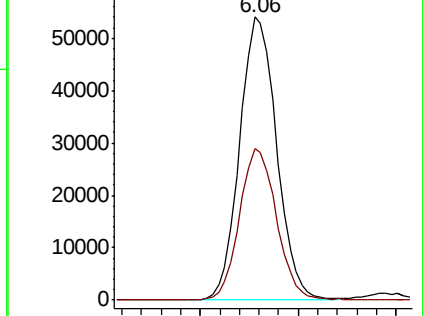
65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

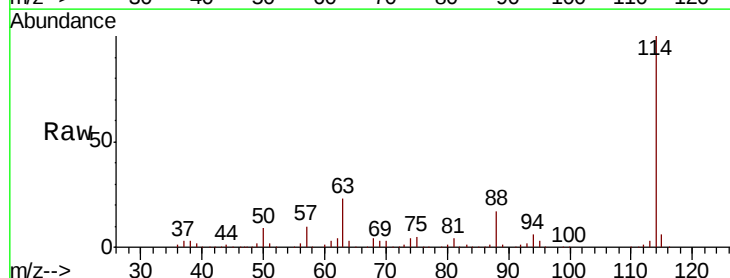
Tgt Ion: 114 Resp: 324911

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

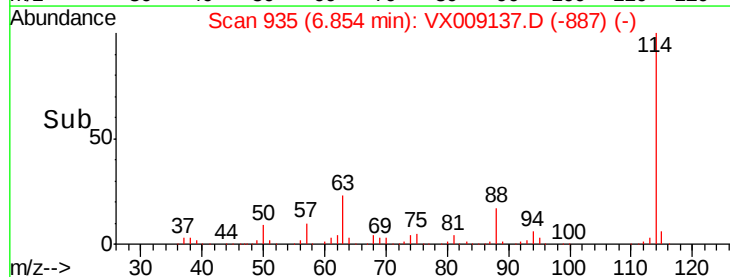
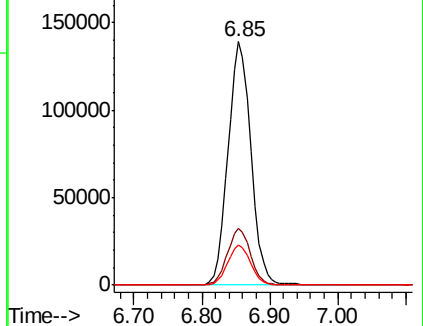
88 16.5 0.0 32.6

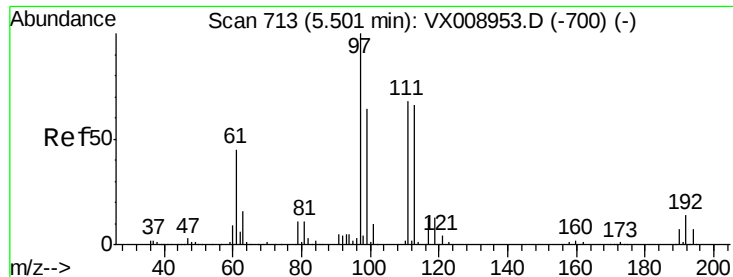


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

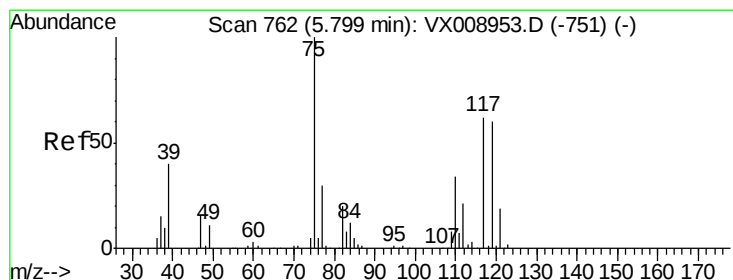
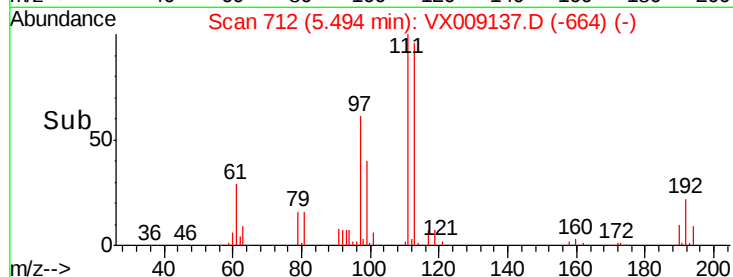
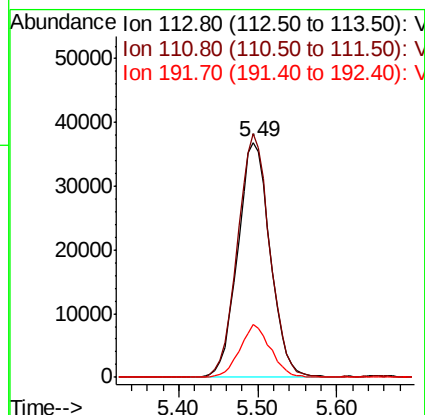
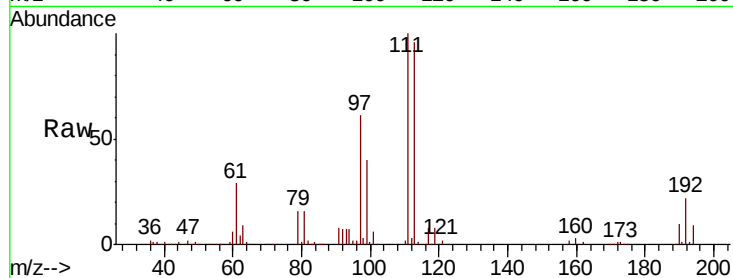




#35
 Dibromofluoromethane
 Concen: 50.572 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

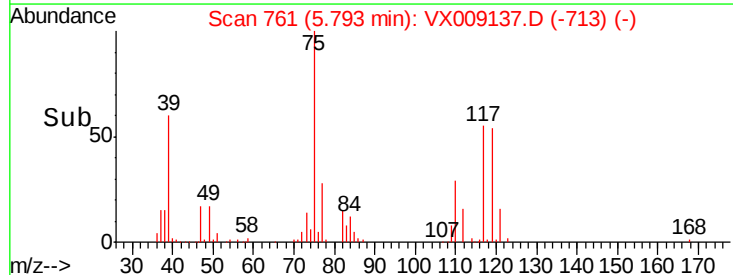
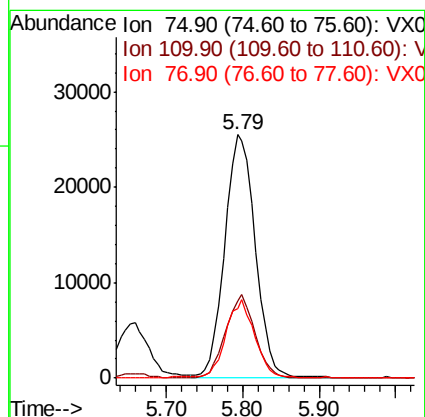
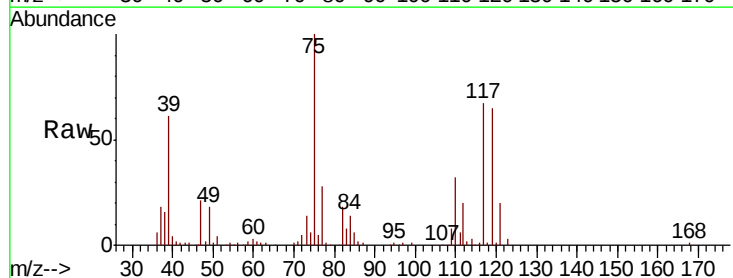
Instrument :
 MSVOA_X
 ClientSampled :
 VX0424WBS01

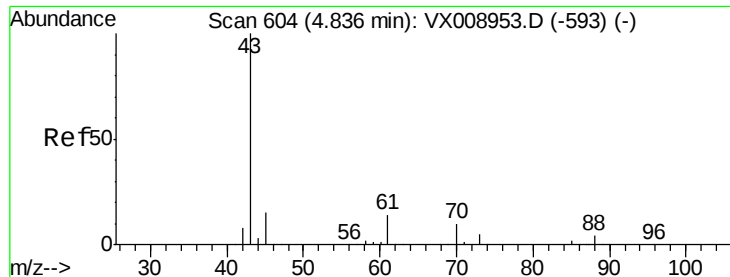
Tgt Ion:113 Resp: 105452
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 21.1 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 20.732 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 75 Resp: 69667
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.7
 77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 22.524 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

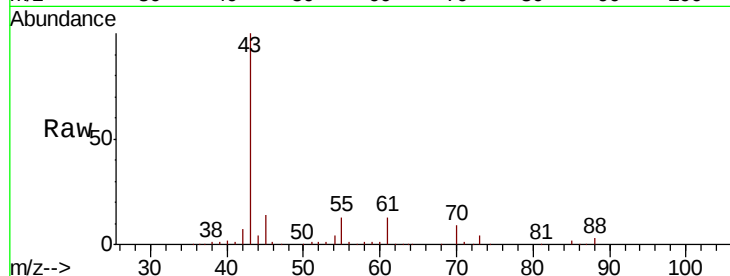
Tgt Ion: 43 Resp: 97392

Ion Ratio Lower Upper

43 100

61 13.5 10.6 15.8

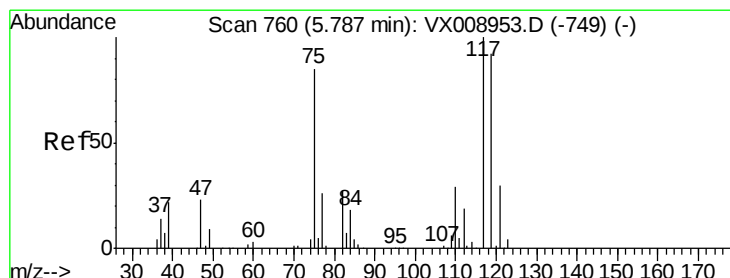
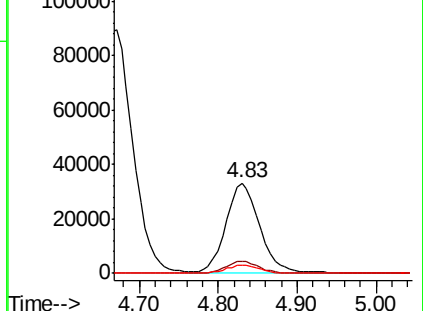
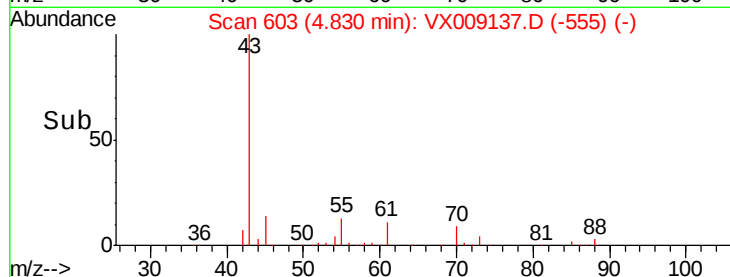
70 9.5 7.7 11.5



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: 21.363 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

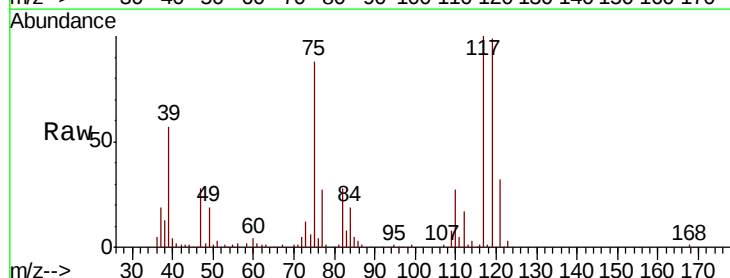
Tgt Ion: 117 Resp: 60857

Ion Ratio Lower Upper

117 100

119 99.3 73.8 110.8

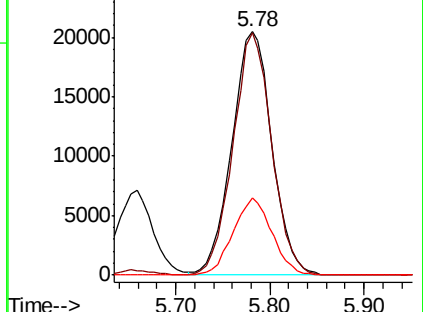
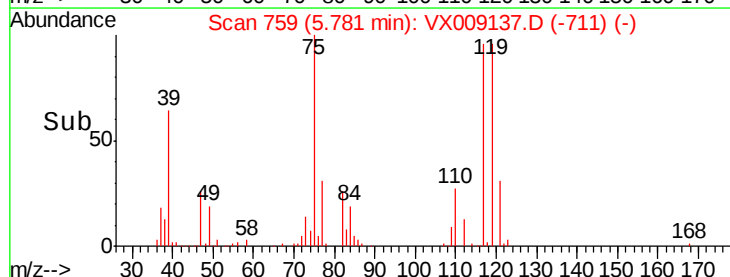
121 31.9 23.6 35.4



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

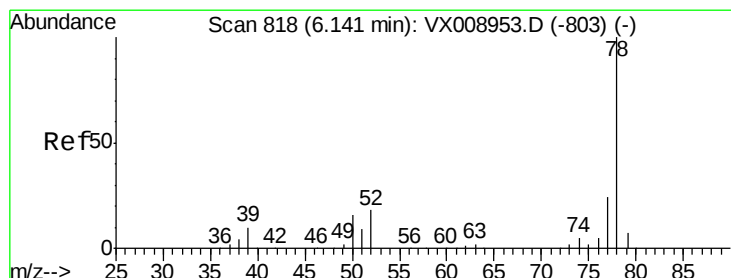
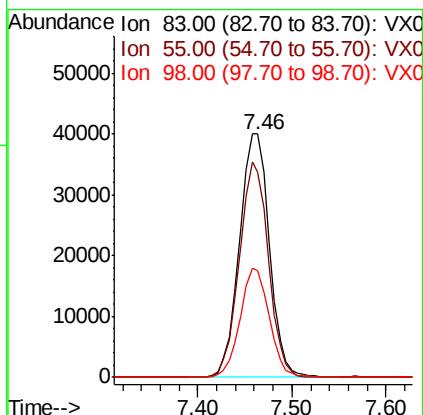
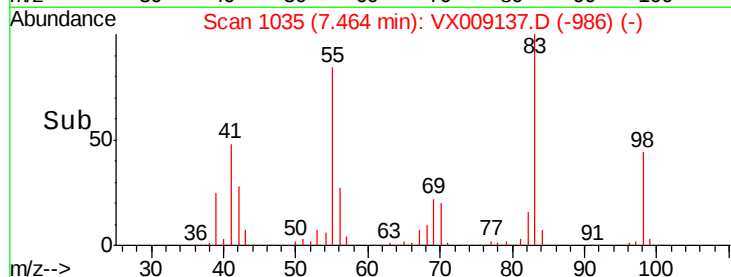
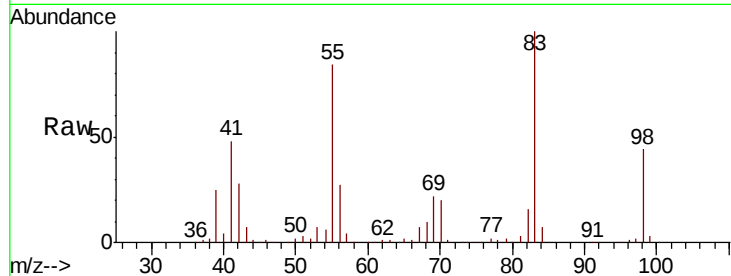




#39
Methylcyclohexane
Concen: 21.814 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

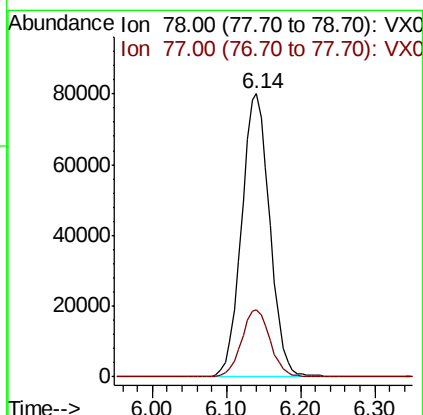
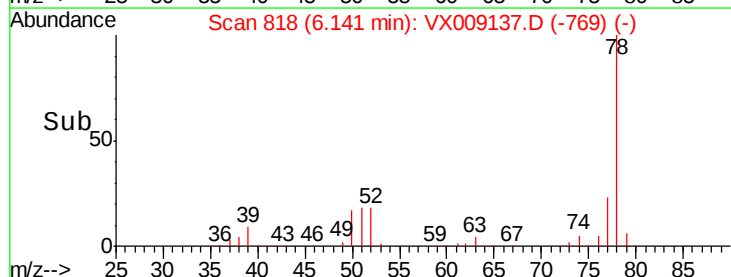
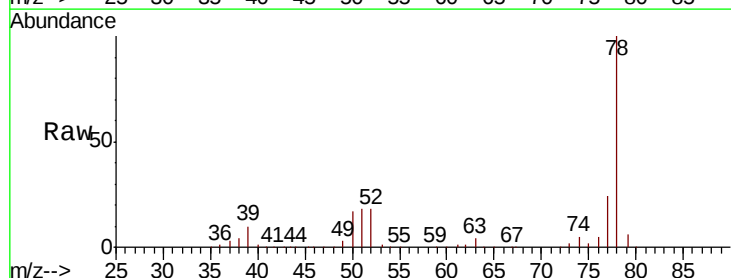
Instrument :
MSVOA_X
ClientSampled :
VX0424WBS01

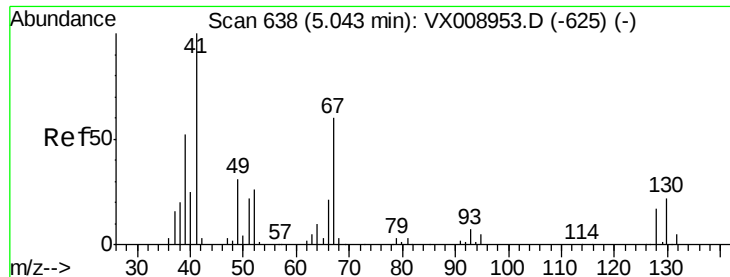
Tgt Ion: 83 Resp: 89247
Ion Ratio Lower Upper
83 100
55 84.1 67.1 100.7
98 43.6 35.1 52.7



#40
Benzene
Concen: 21.452 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion: 78 Resp: 212654
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41

Methacrylonitrile

Concen: 22.142 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

Tgt Ion: 41 Resp: 54948

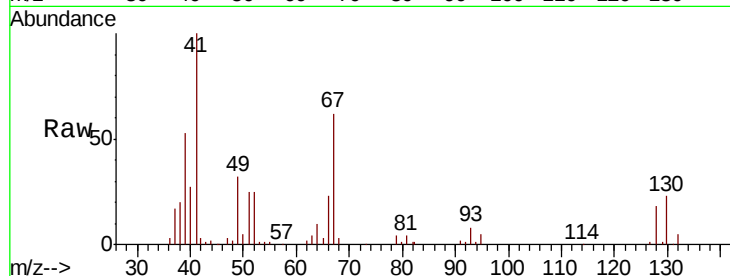
Ion Ratio Lower Upper

41 100

39 52.5 41.8 62.6

67 62.8 50.2 75.4

52 25.6 21.1 31.7

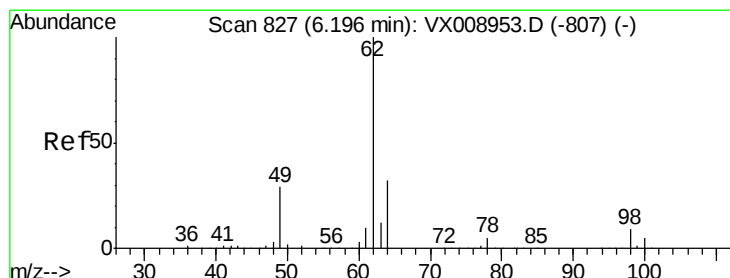
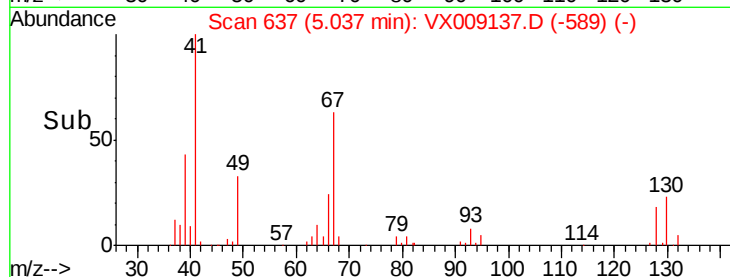
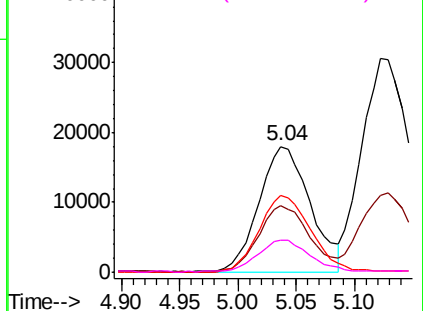


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.430 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009137.D

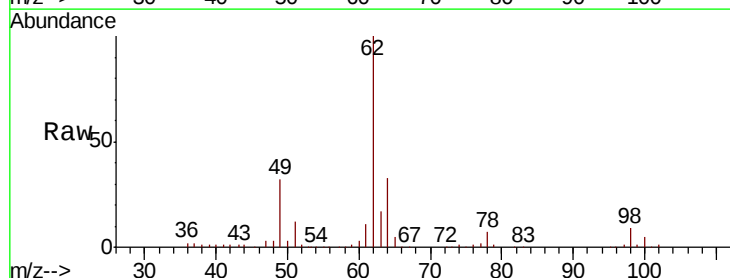
Acq: 24 Apr 2019 12:04

Tgt Ion: 62 Resp: 75253

Ion Ratio Lower Upper

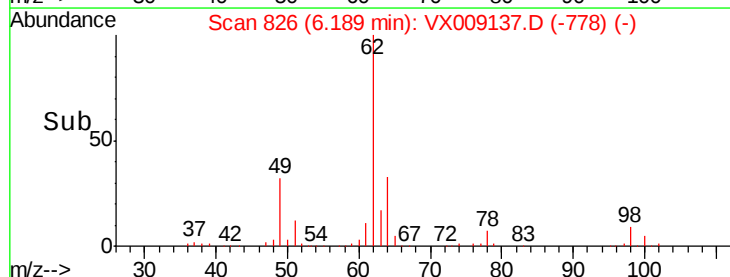
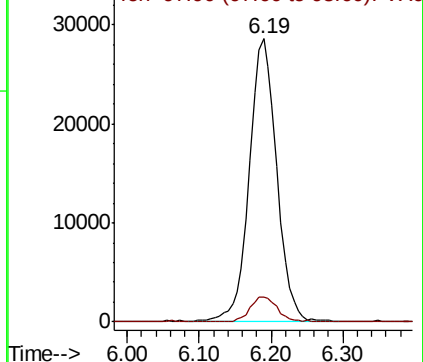
62 100

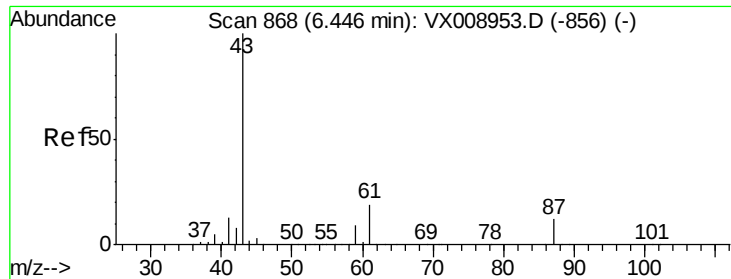
98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.576 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

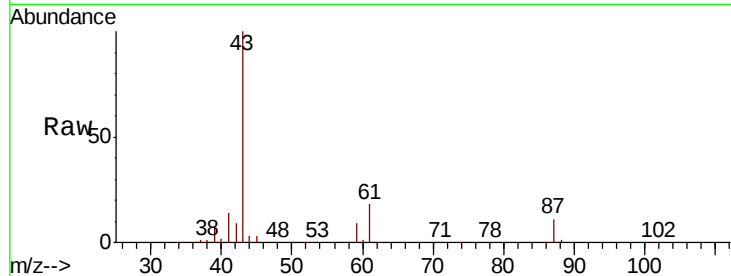
Tgt Ion: 43 Resp: 150341

Ion Ratio Lower Upper

43 100

61 18.8 15.4 23.0

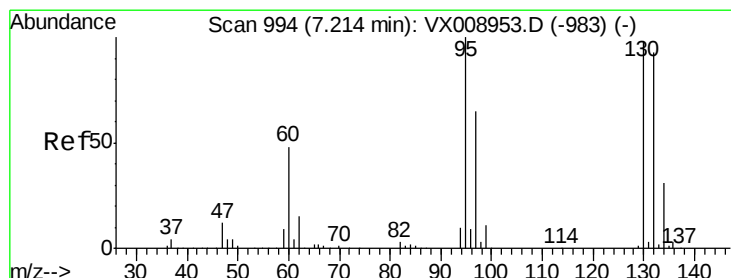
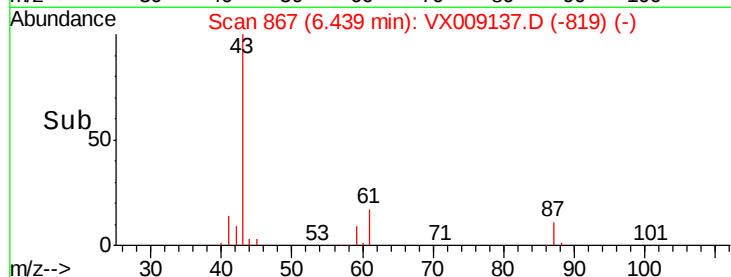
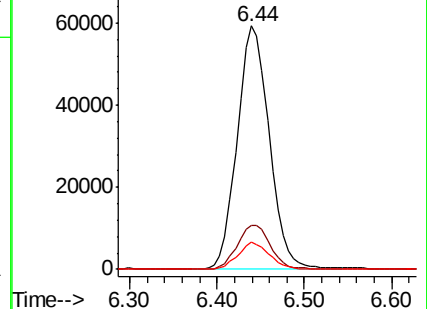
87 11.1 9.0 13.4



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: 20.492 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009137.D

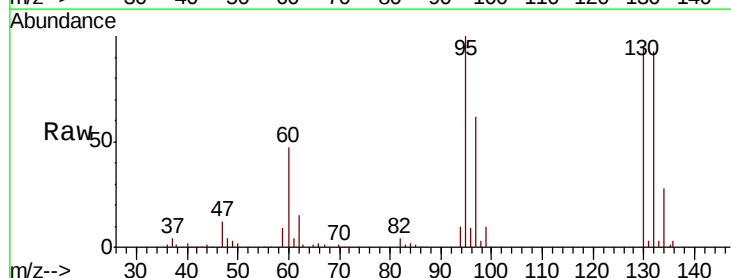
Acq: 24 Apr 2019 12:04

Tgt Ion: 130 Resp: 49772

Ion Ratio Lower Upper

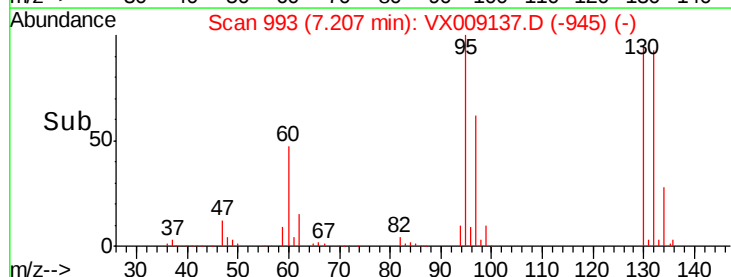
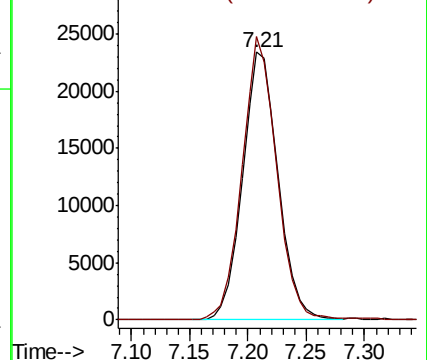
130 100

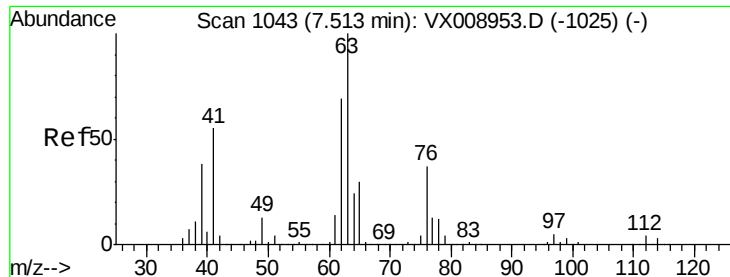
95 105.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.967 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

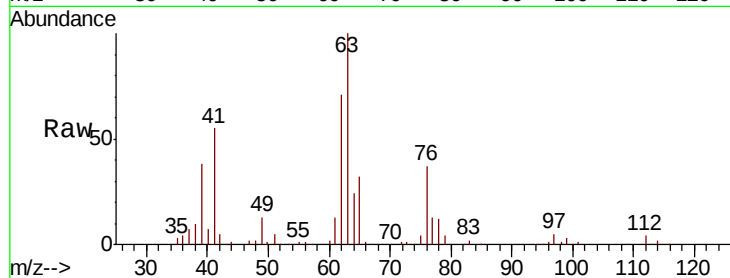
VX0424WBS01

Tgt Ion: 63 Resp: 60413

Ion Ratio Lower Upper

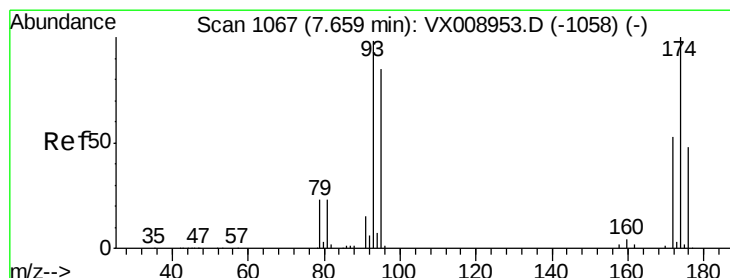
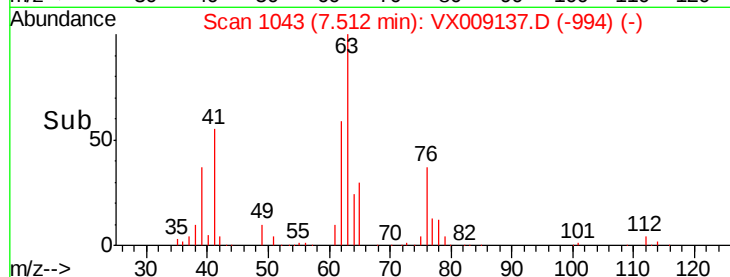
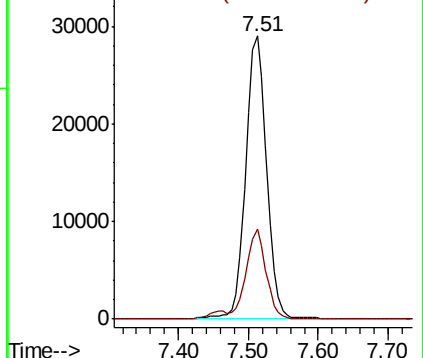
63 100

65 32.0 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.349 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

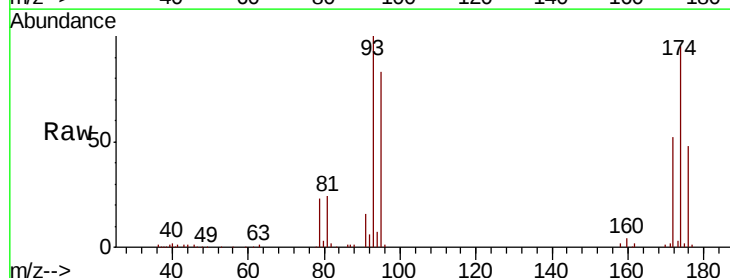
Tgt Ion: 93 Resp: 34169

Ion Ratio Lower Upper

93 100

95 81.9 67.0 100.4

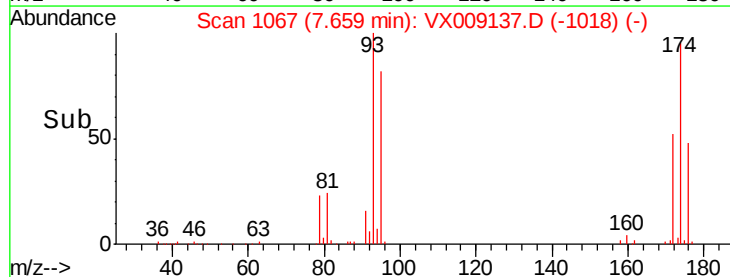
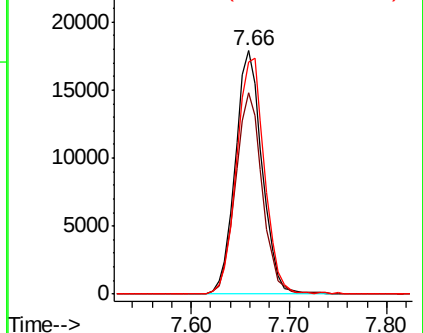
174 101.0 81.6 122.4

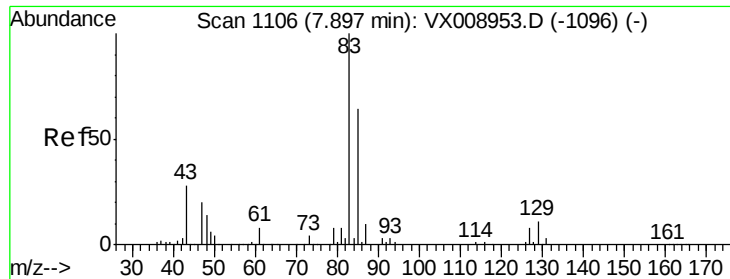


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.333 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

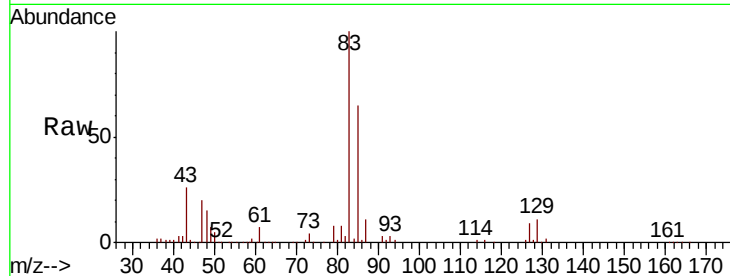
Tgt Ion: 83 Resp: 66967

Ion Ratio Lower Upper

83 100

85 65.0 50.8 76.2

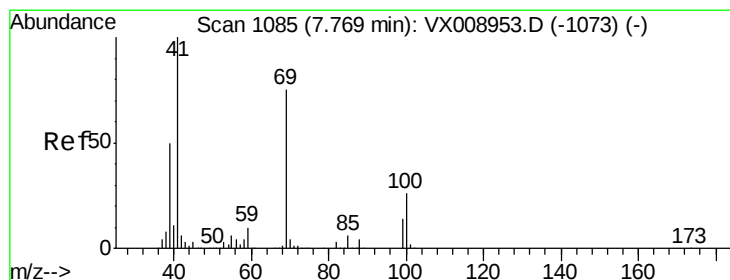
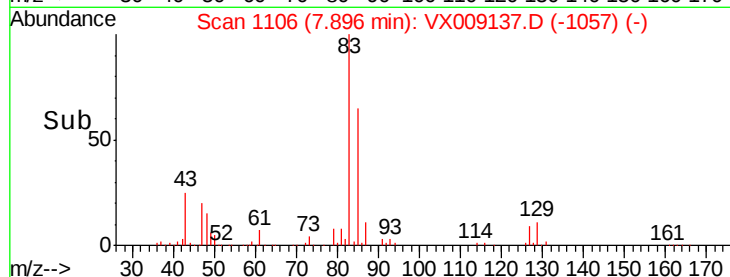
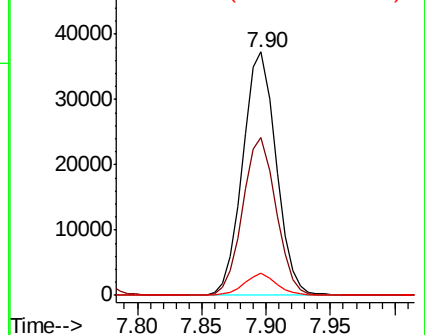
127 8.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.828 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

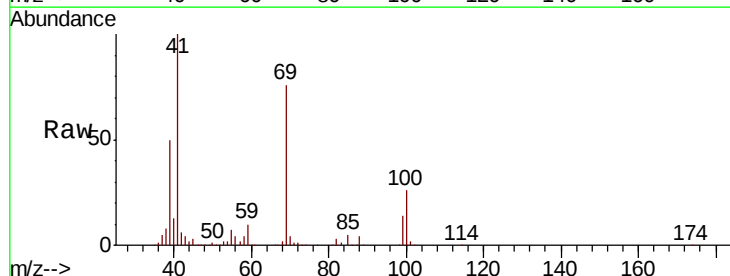
Tgt Ion: 41 Resp: 75152

Ion Ratio Lower Upper

41 100

69 73.1 59.4 89.2

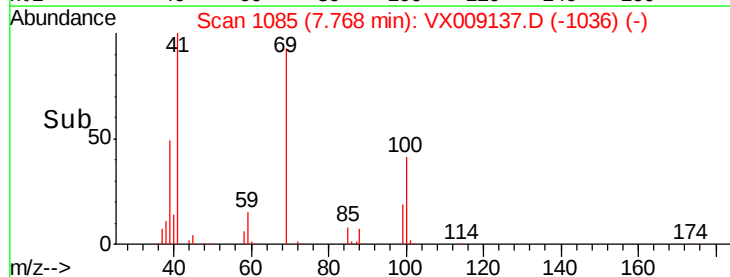
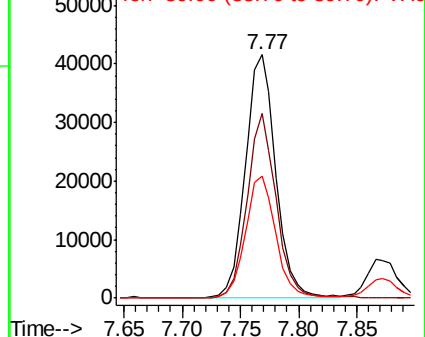
39 50.2 39.8 59.6

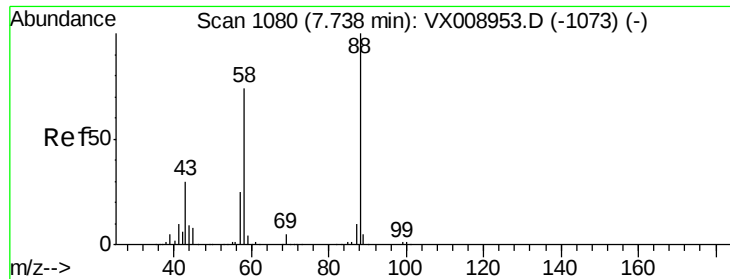


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

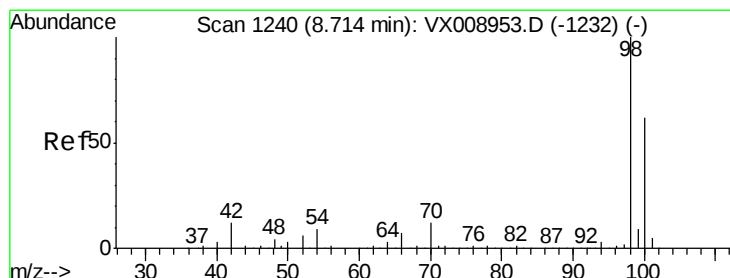
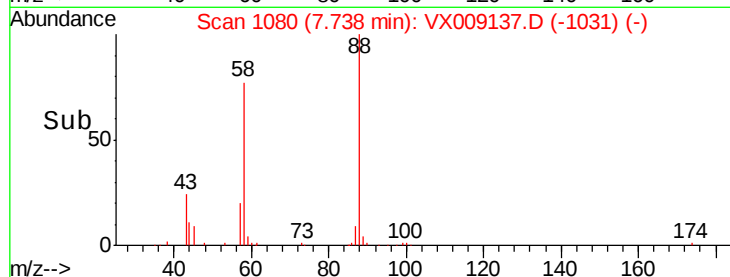
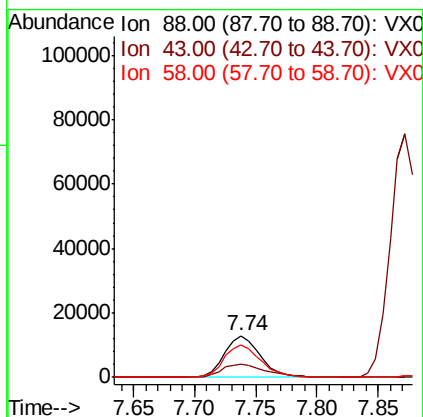
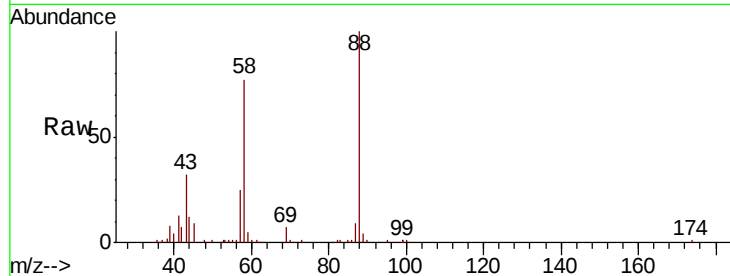




#49
1,4-Dioxane
Concen: 407.889 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

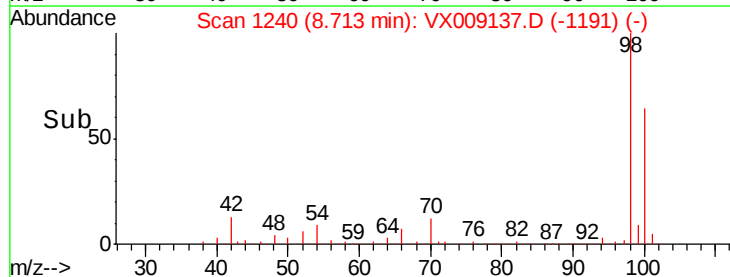
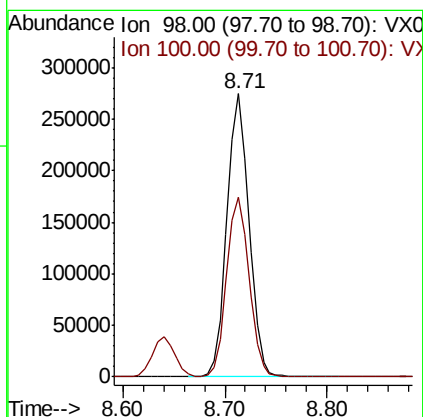
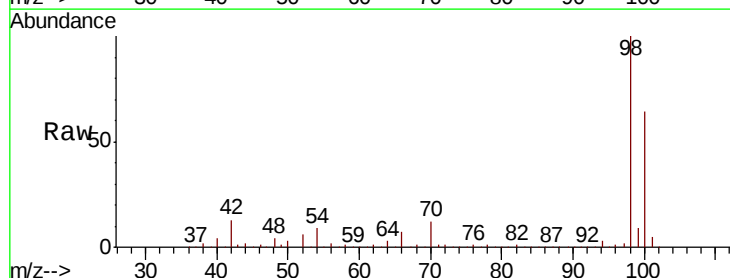
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

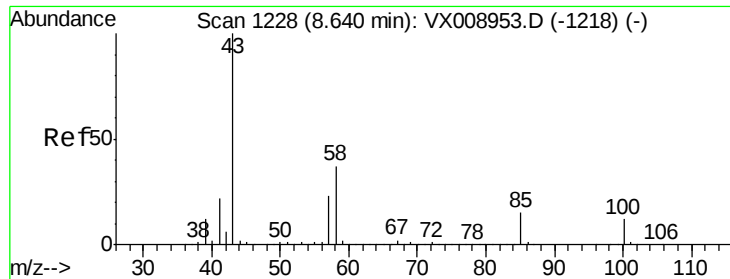
Tgt Ion: 88 Resp: 26285
Ion Ratio Lower Upper
88 100
43 37.8 29.3 43.9
58 81.4 62.6 93.8



#50
Toluene-d8
Concen: 49.578 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion: 98 Resp: 412286
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

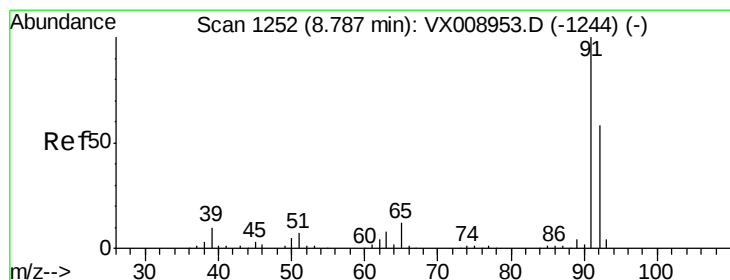
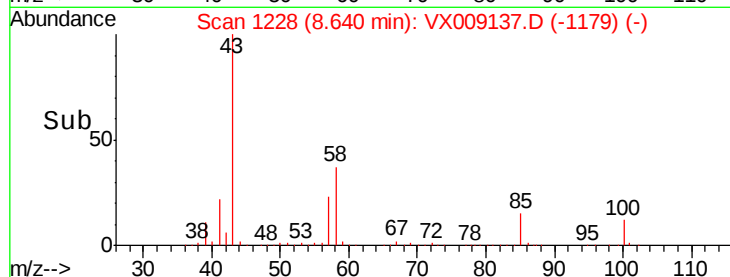
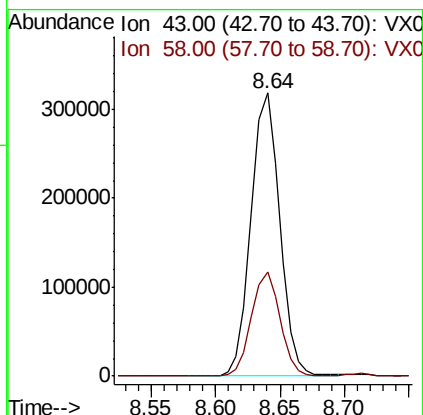
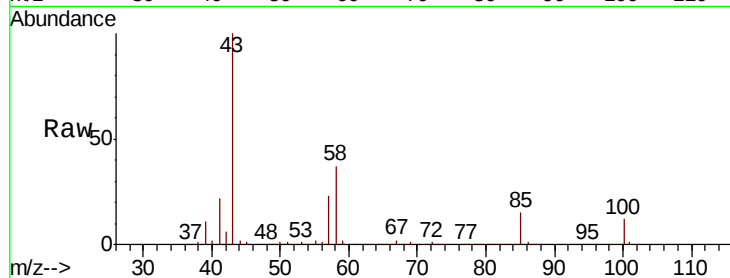




#51
 4-Methyl-2-Pentanone
 Concen: 110.225 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

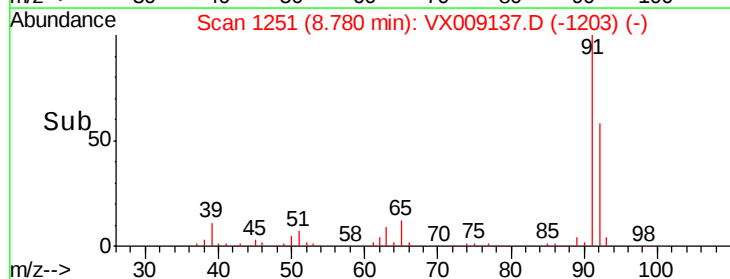
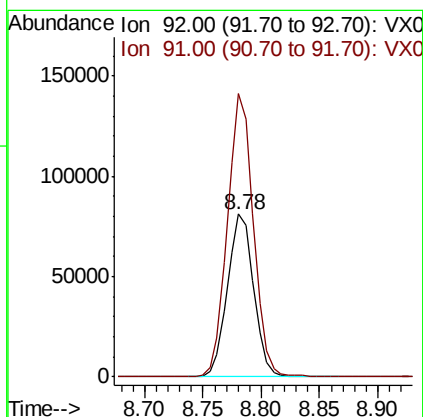
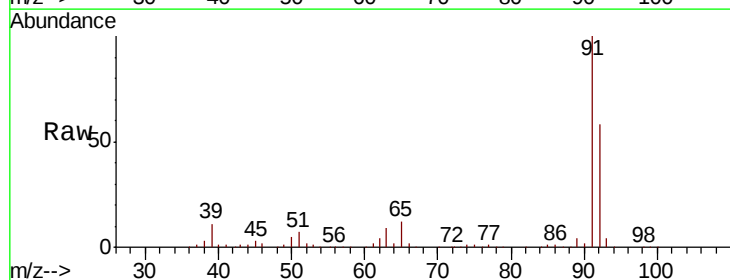
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

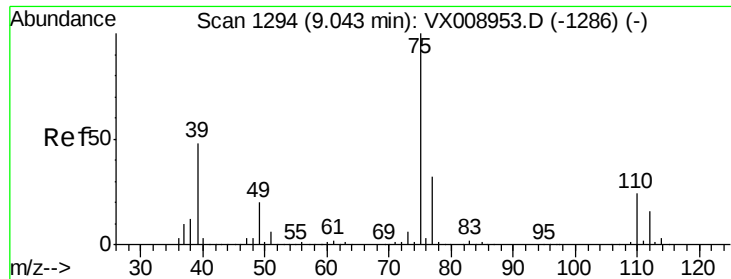
Tgt Ion: 43 Resp: 489303
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.8 44.6



#52
 Toluene
 Concen: 21.466 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 92 Resp: 127530
 Ion Ratio Lower Upper
 92 100
 91 172.0 138.5 207.7

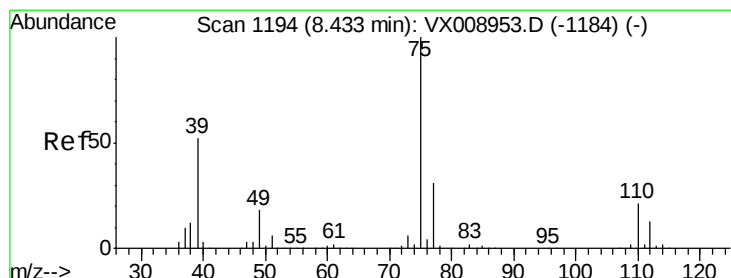
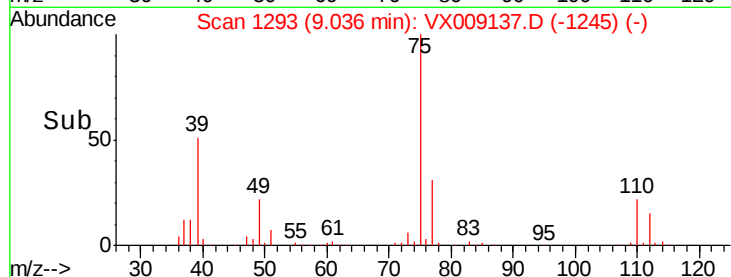
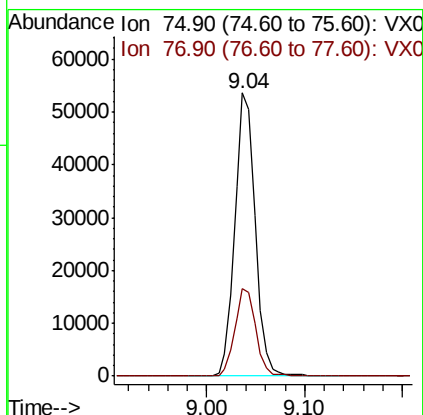
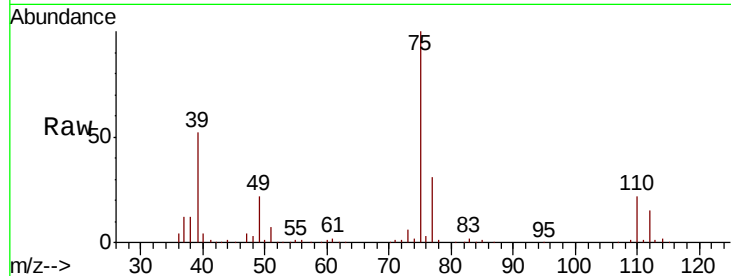




#53
 t-1,3-Dichloropropene
 Concen: 21.416 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

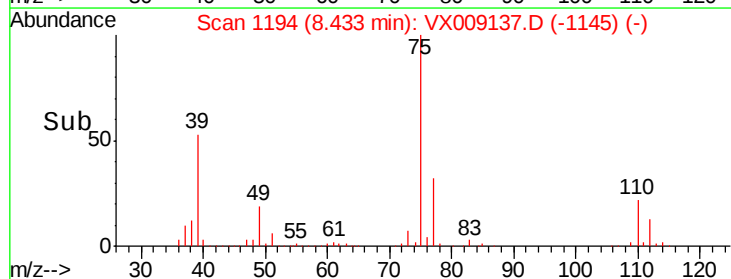
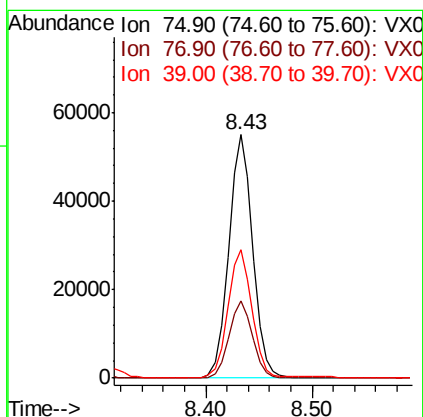
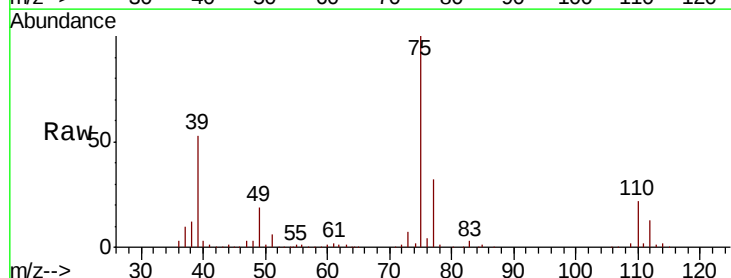
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

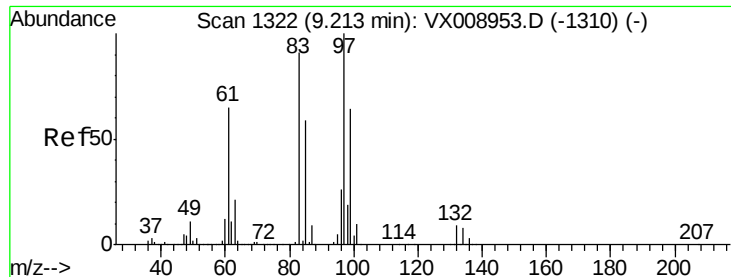
Tgt Ion: 75 Resp: 77371
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.358 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 75 Resp: 86399
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 52.5 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 21.966 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

Tgt Ion: 97 Resp: 51721

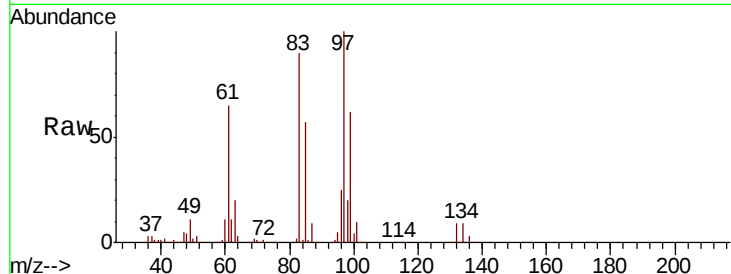
Ion Ratio Lower Upper

97 100

83 89.8 72.6 108.8

85 57.0 46.9 70.3

99 61.7 51.0 76.6

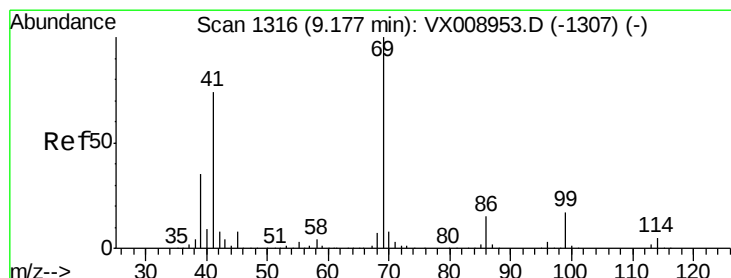
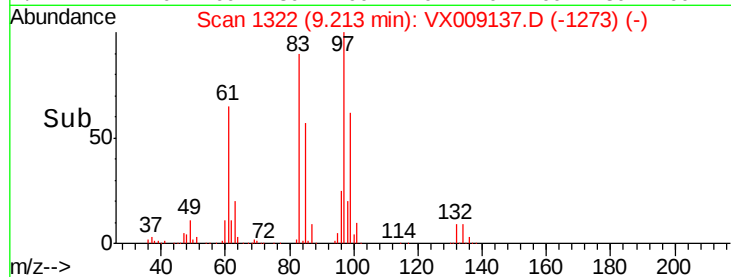
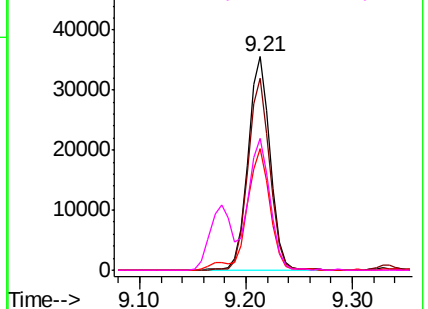


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.669 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

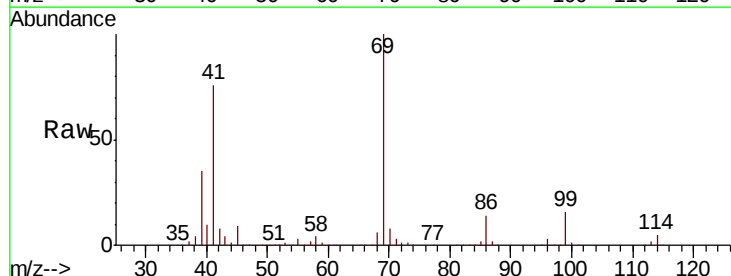
Tgt Ion: 69 Resp: 91487

Ion Ratio Lower Upper

69 100

41 76.8 60.2 90.2

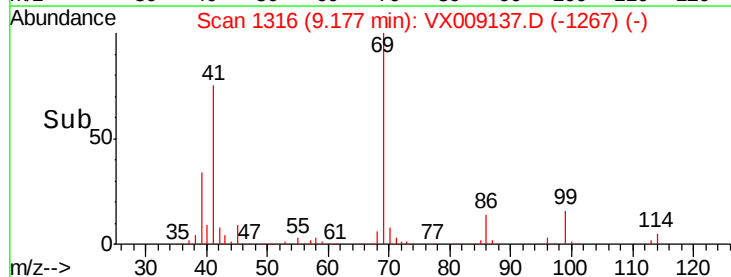
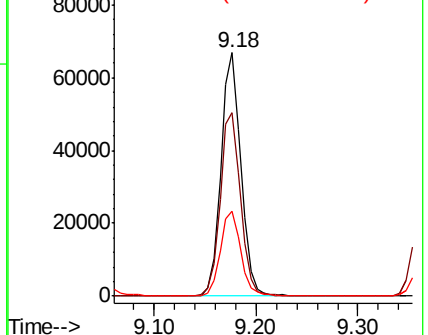
39 35.5 27.9 41.9

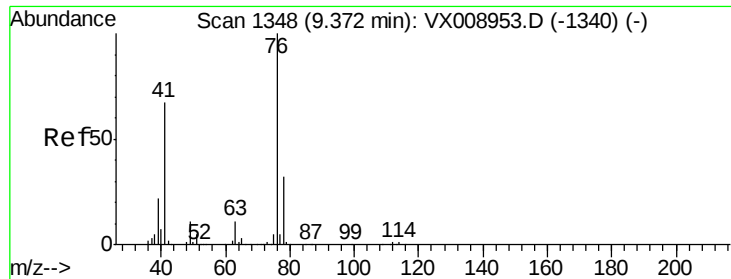


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

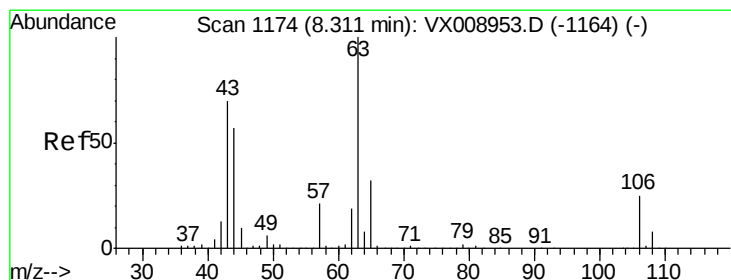
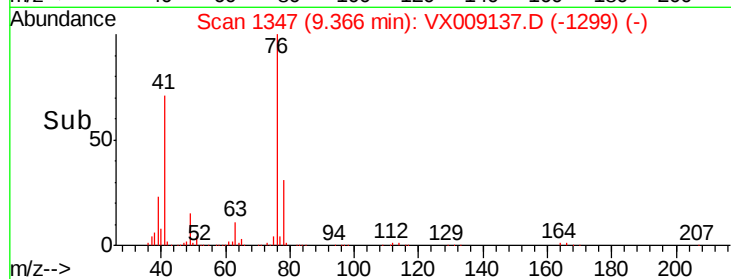
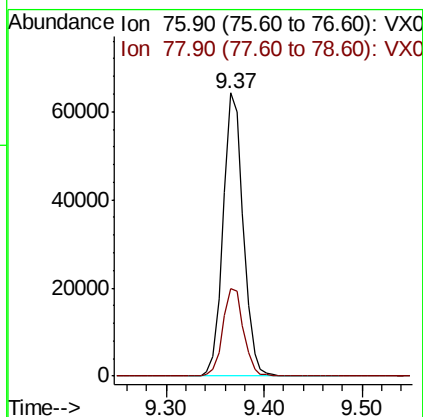
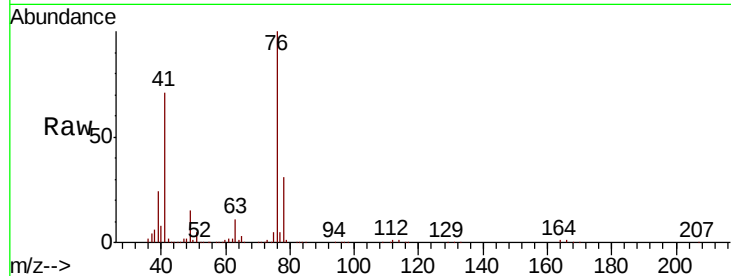




#57
 1,3-Dichloropropane
 Concen: 21.868 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

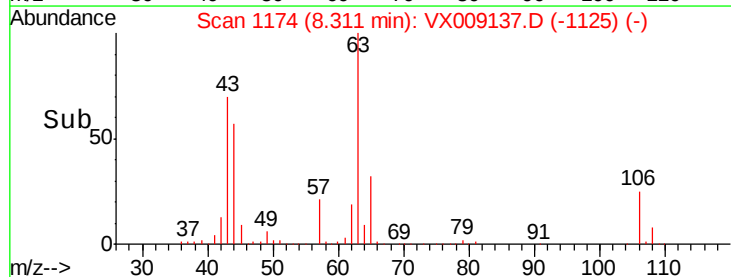
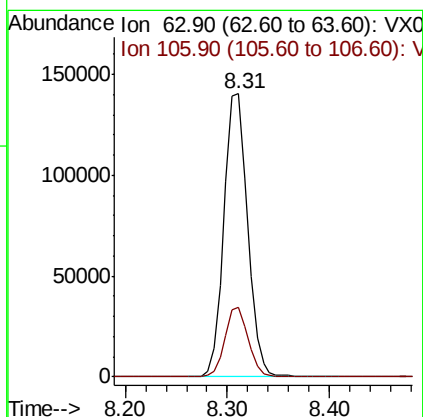
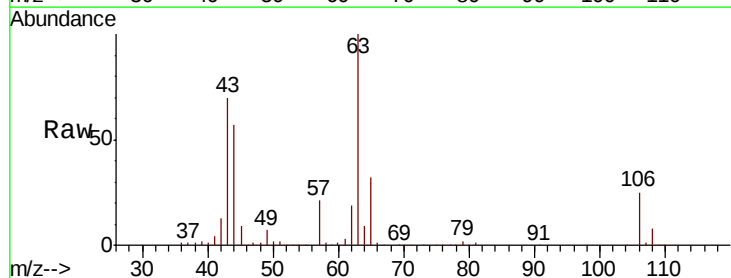
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

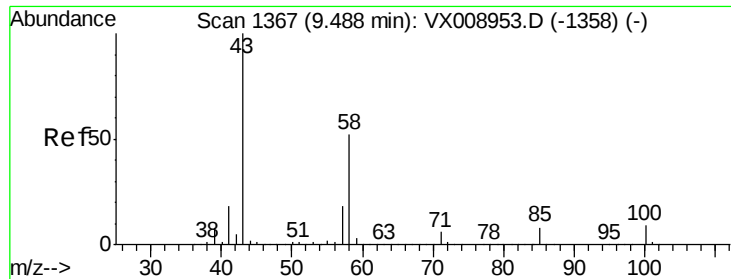
Tgt Ion: 76 Resp: 91680
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.725 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 63 Resp: 226733
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.8 29.6

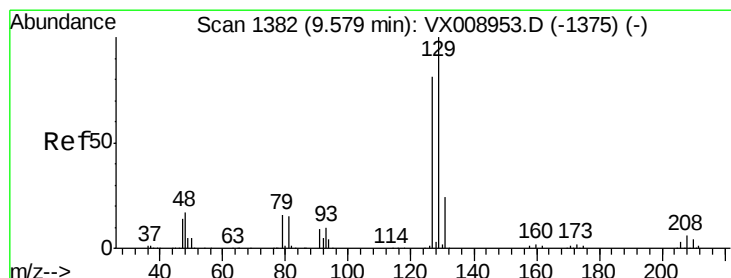
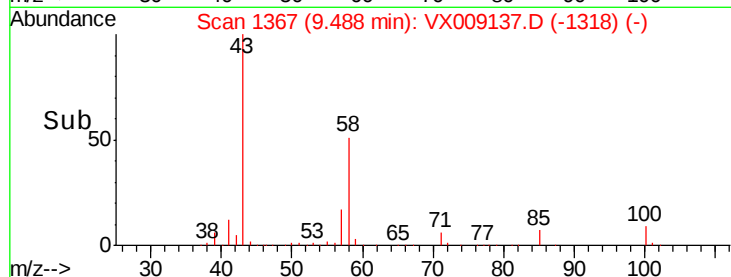
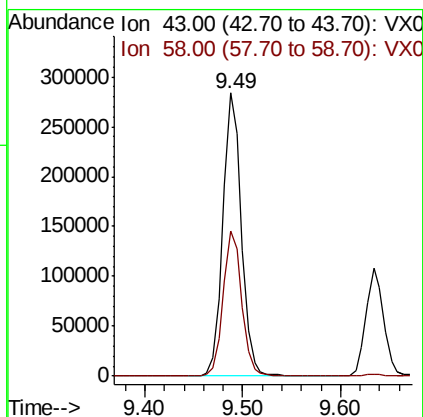
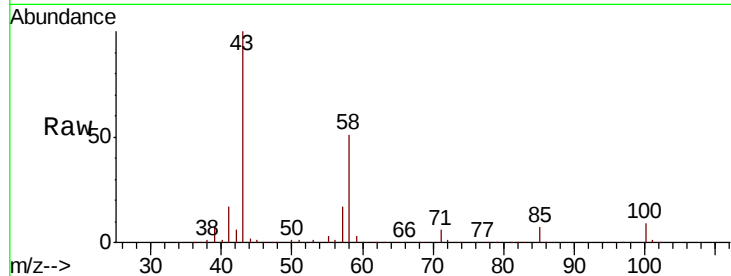




#59
2-Hexanone
Concen: 108.675 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

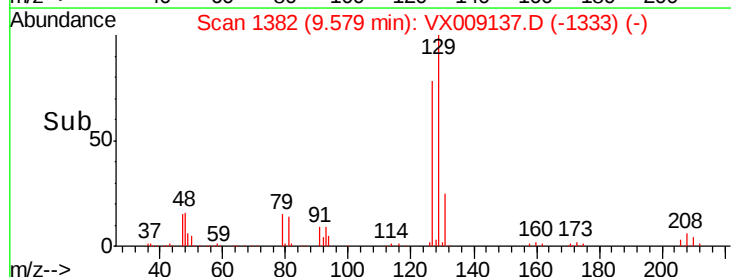
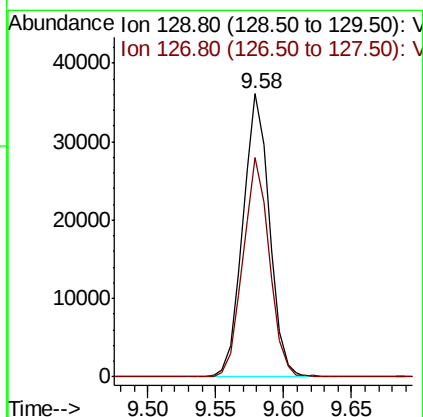
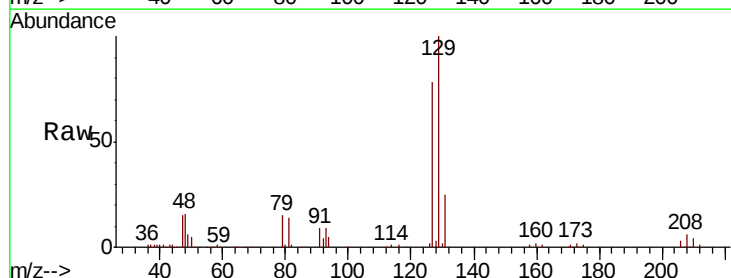
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

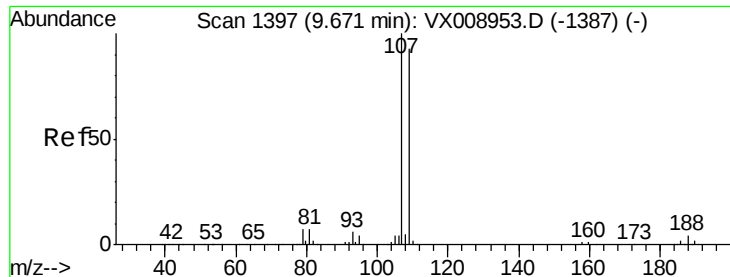
Tgt Ion: 43 Resp: 371938
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 21.869 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion: 129 Resp: 49351
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

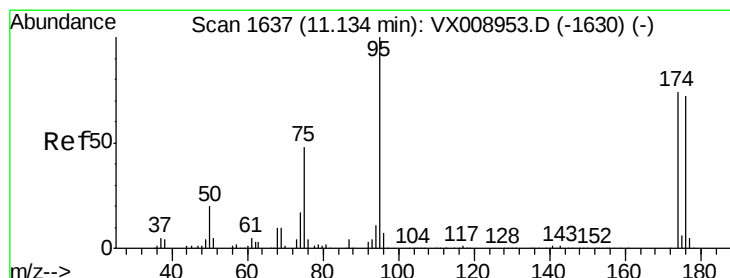
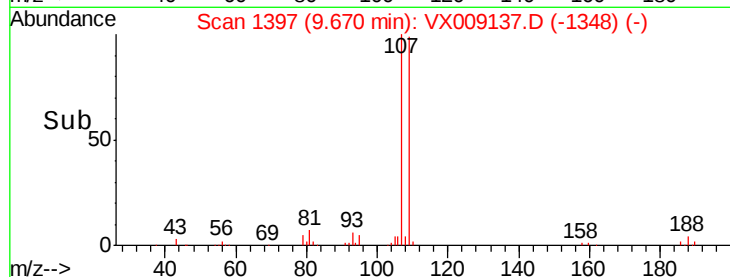
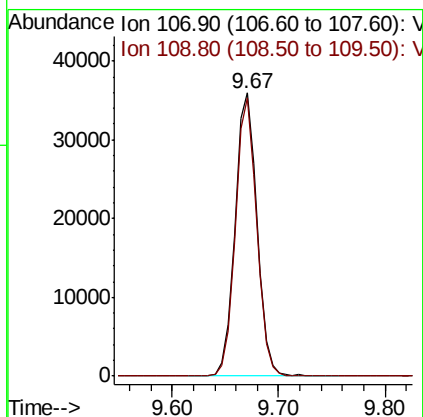
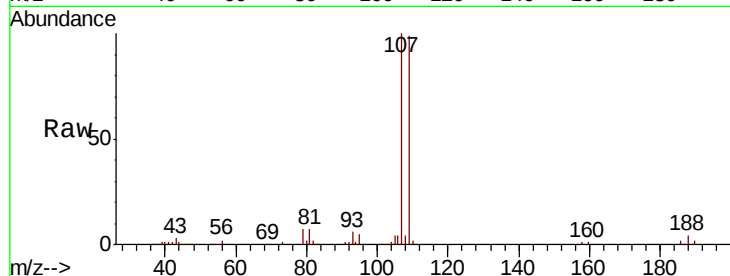




#61
 1,2-Dibromoethane
 Concen: 21.363 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

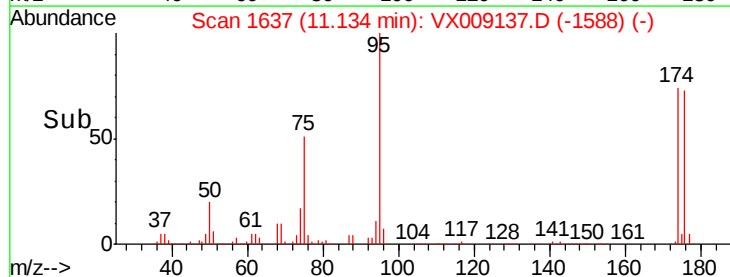
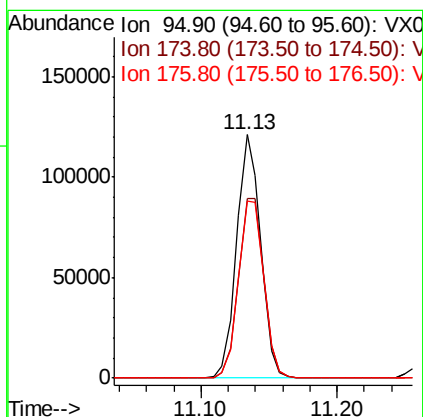
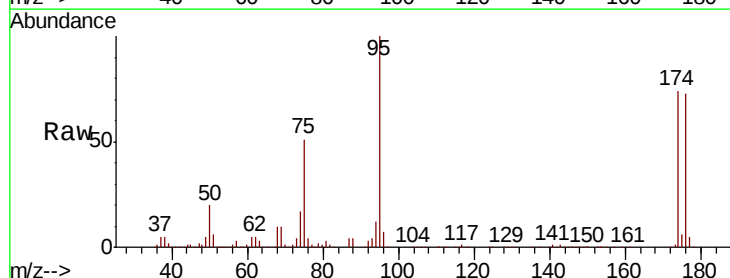
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

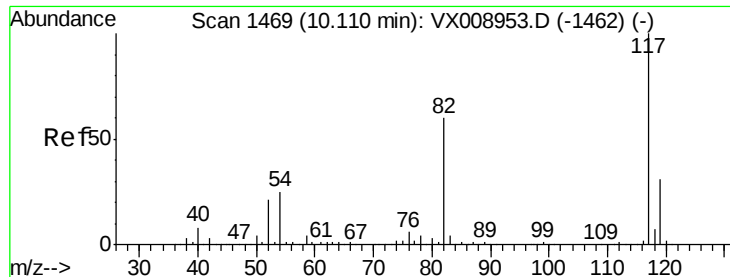
Tgt Ion: 107 Resp: 51916
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 50.580 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 95 Resp: 148479
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 159.6
 176 76.9 0.0 154.8

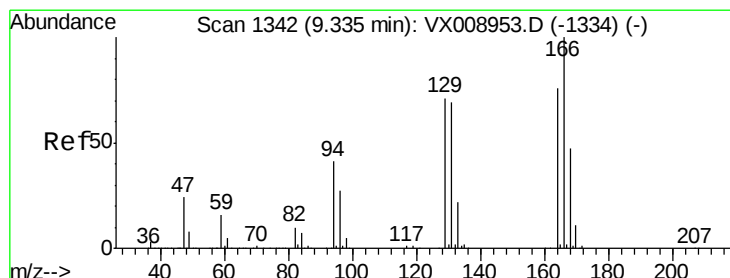
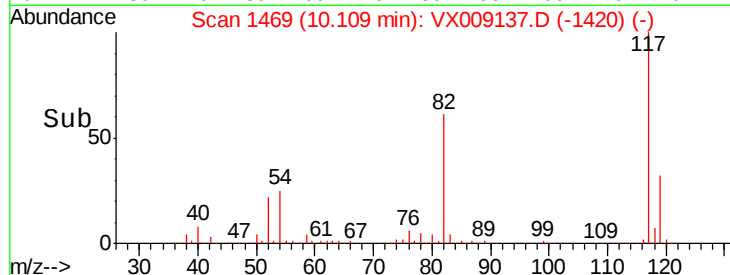
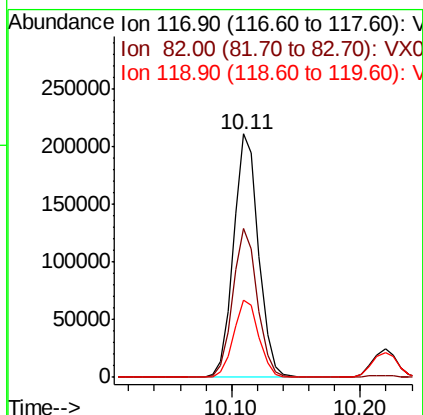
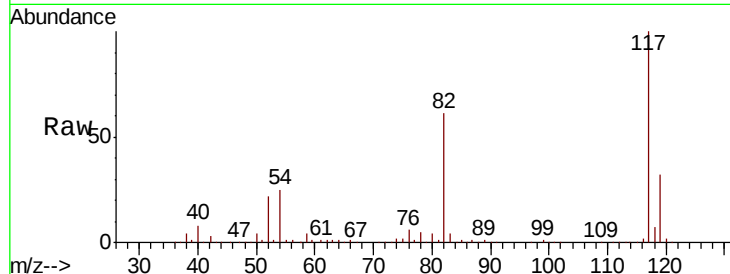




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

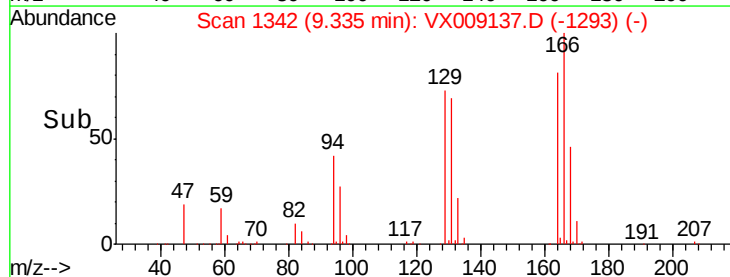
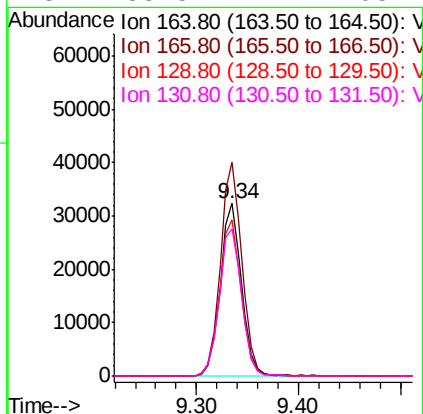
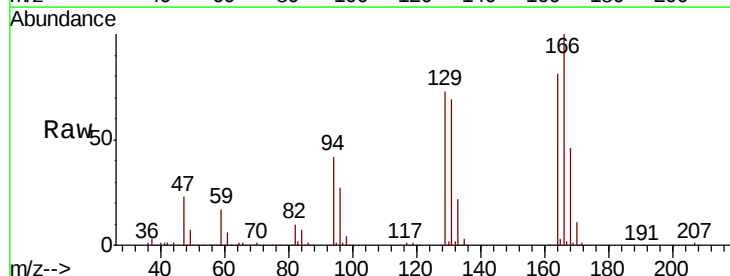
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

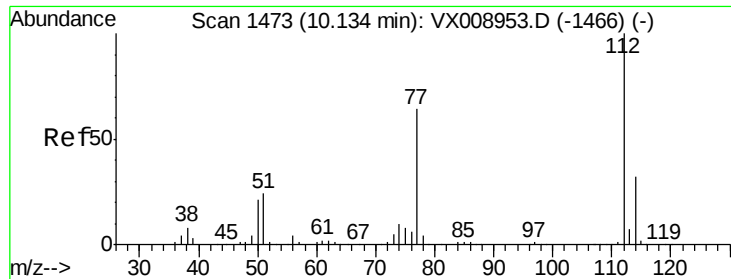
Tgt Ion:117 Resp: 284736
Ion Ratio Lower Upper
117 100
82 61.1 48.2 72.4
119 31.9 25.0 37.6



#64
Tetrachloroethene
Concen: 21.695 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion:164 Resp: 46929
Ion Ratio Lower Upper
164 100
166 123.8 105.0 157.4
129 90.6 74.2 111.4
131 85.5 72.2 108.2





#65

Chlorobenzene

Concen: 21.241 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

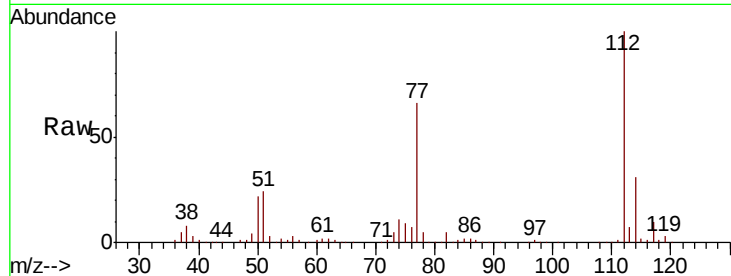
VX0424WBS01

Tgt Ion:112 Resp: 127656

Ion Ratio Lower Upper

112 100

114 31.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

80000

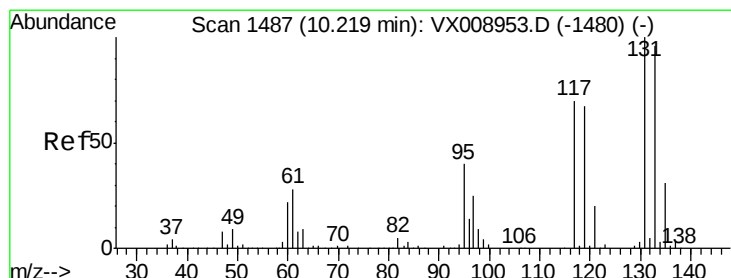
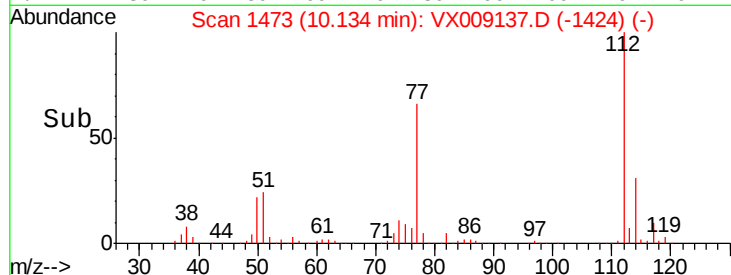
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.712 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

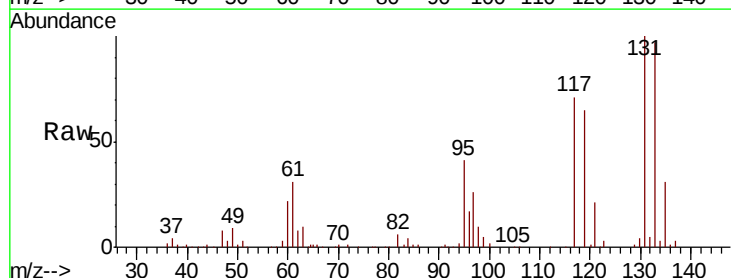
Tgt Ion:131 Resp: 45970

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

119 66.4 33.7 101.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

40000

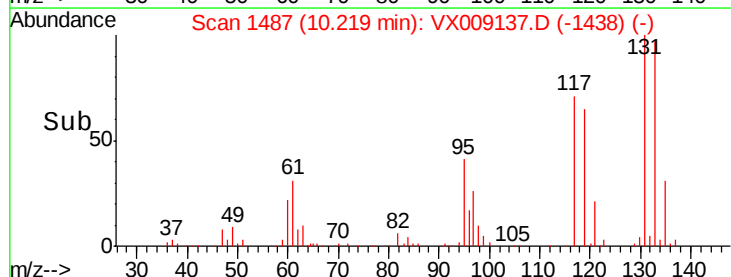
30000

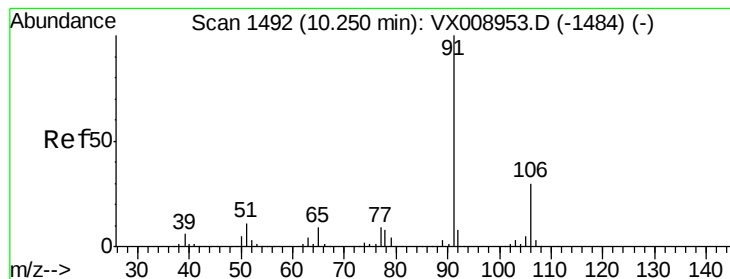
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 21.590 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

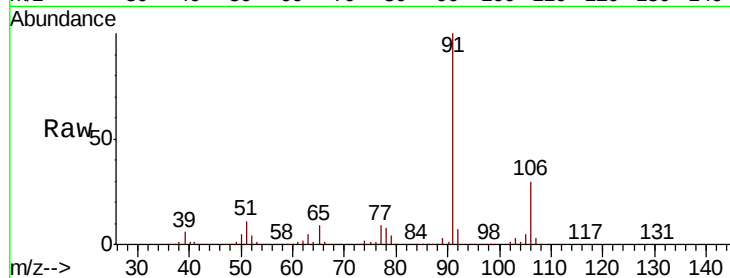
VX0424WBS01

Tgt Ion: 91 Resp: 237196

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX008953.D (-1484) (-)

250000

200000

150000

100000

50000

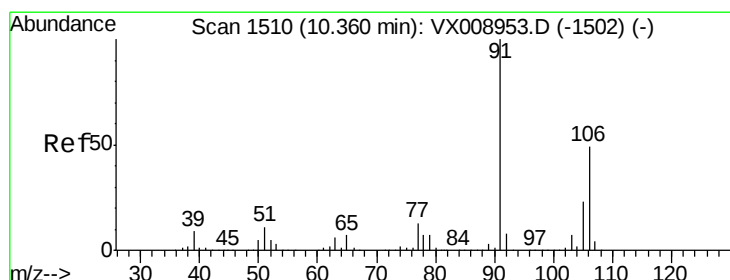
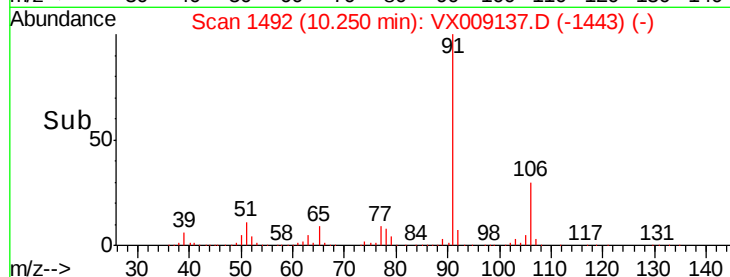
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 42.856 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009137.D

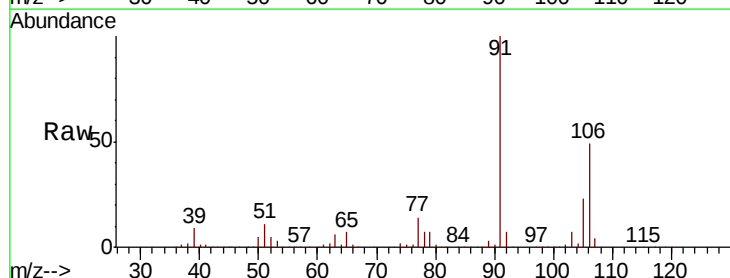
Acq: 24 Apr 2019 12:04

Tgt Ion: 106 Resp: 171116

Ion Ratio Lower Upper

106 100

91 208.2 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): VX008953.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX008953.D (-1502) (-)

300000

250000

200000

150000

100000

50000

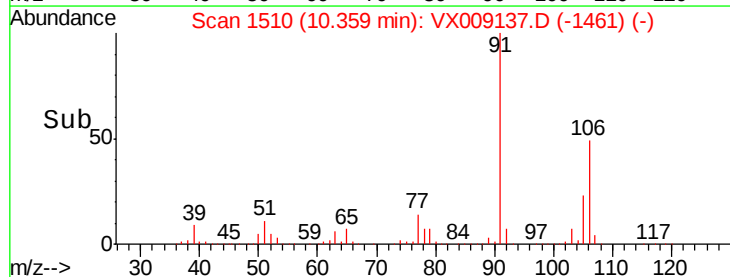
0

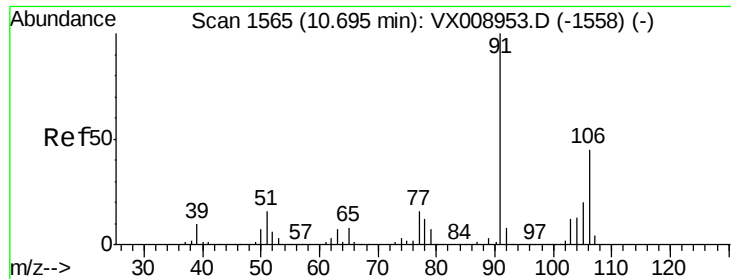
10.30

10.36

10.40

Time-->

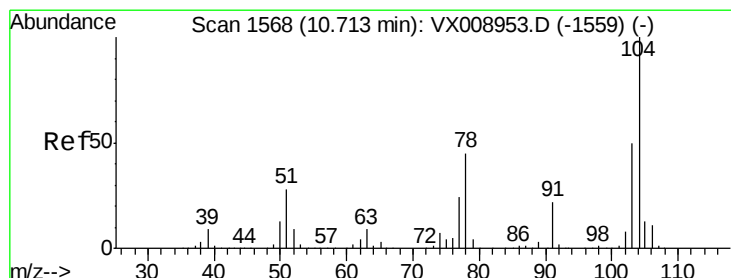
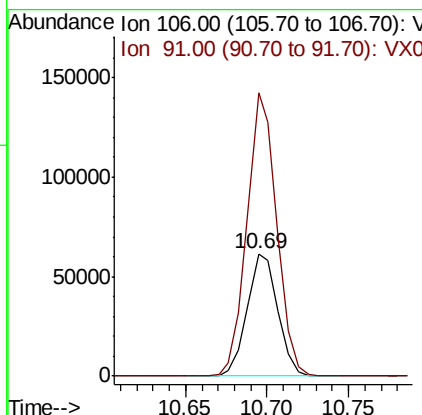
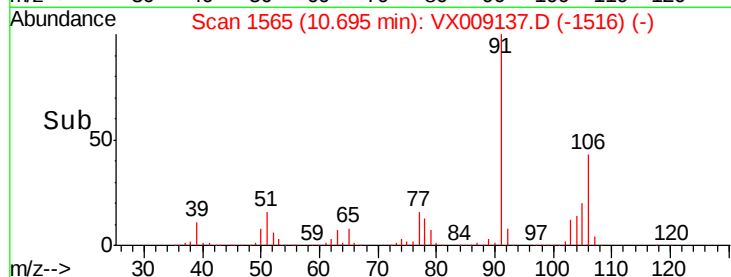
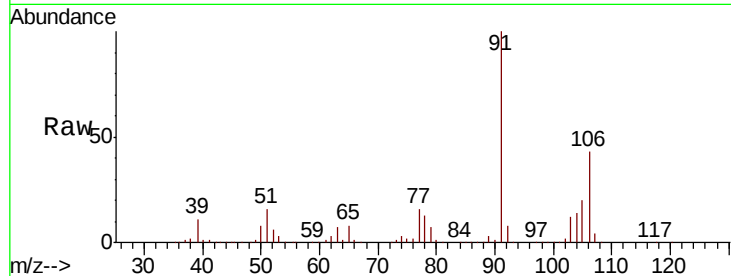




#69
o-Xylene
Concen: 20.835 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

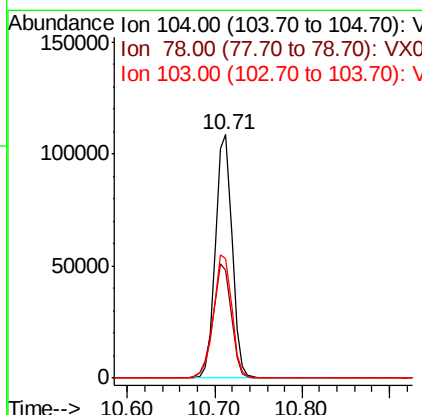
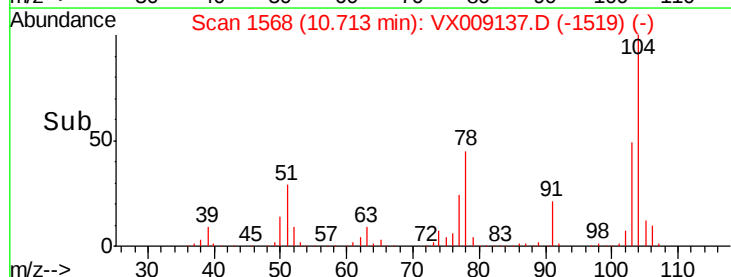
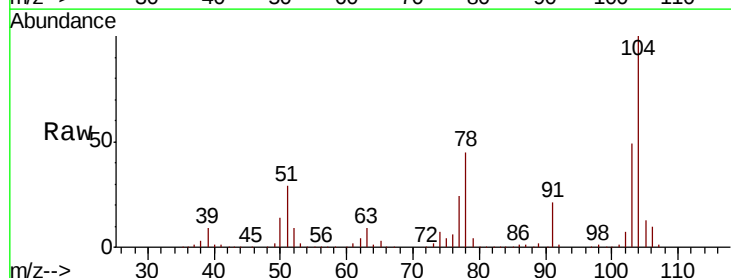
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

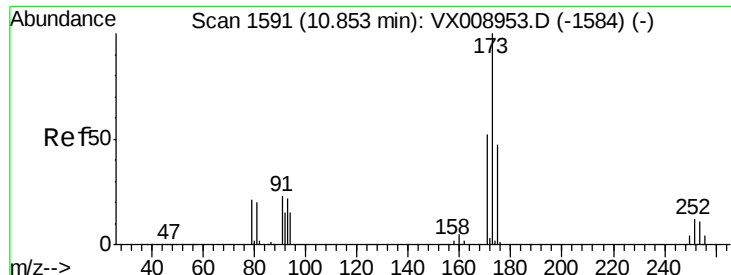
Tgt Ion:106 Resp: 80945
Ion Ratio Lower Upper
106 100
91 224.1 108.9 326.7



#70
Styrene
Concen: 21.237 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion:104 Resp: 142978
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.2 43.9 65.9

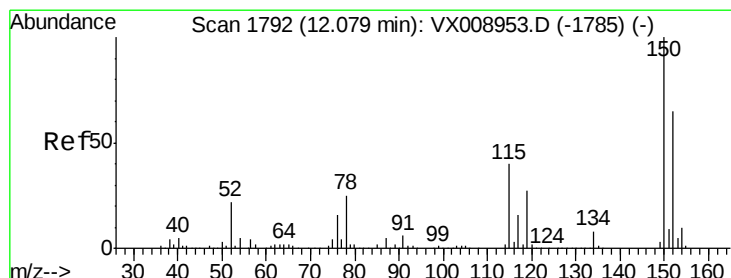
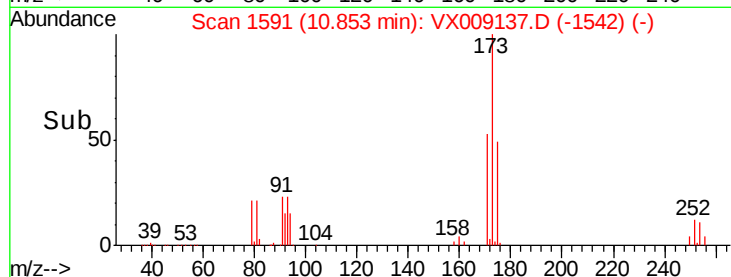
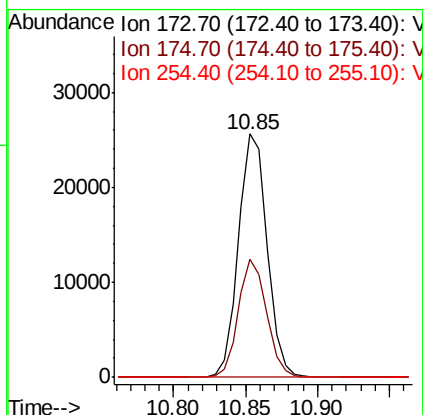
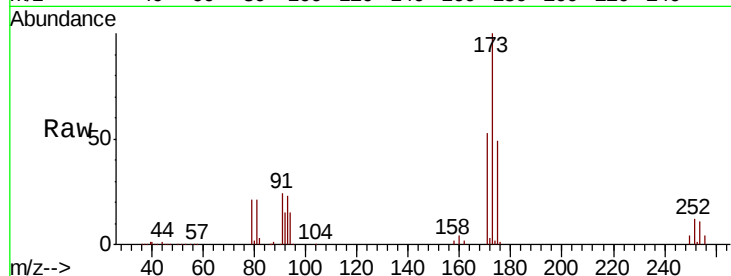




#71
Bromoform
Concen: 21.045 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

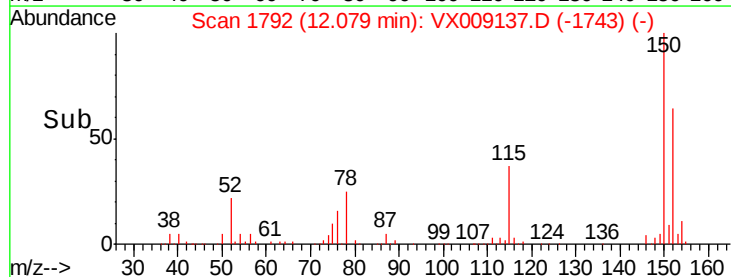
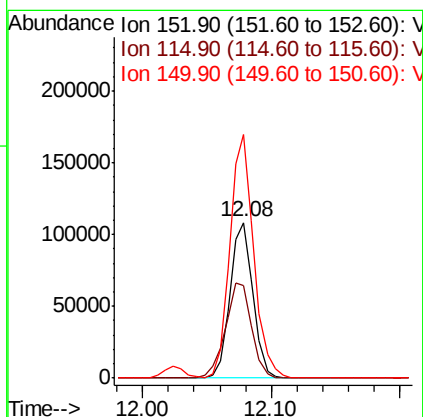
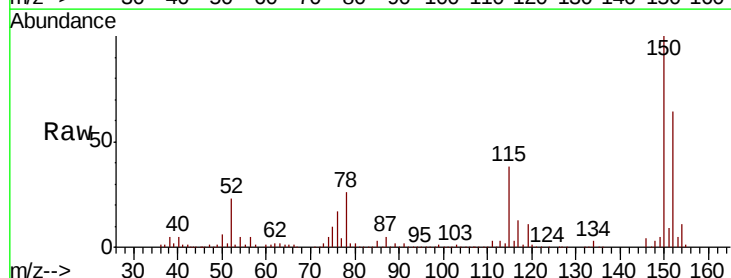
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion:173 Resp: 35498
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.8
254 0.1 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion:152 Resp: 134394
Ion Ratio Lower Upper
152 100
115 70.2 41.4 124.2
150 163.4 0.0 349.8





#73

Isopropylbenzene

Concen: 21.903 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

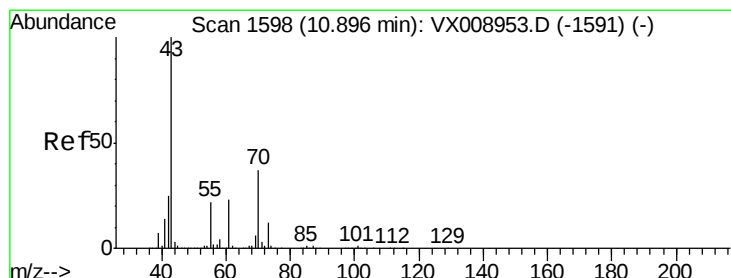
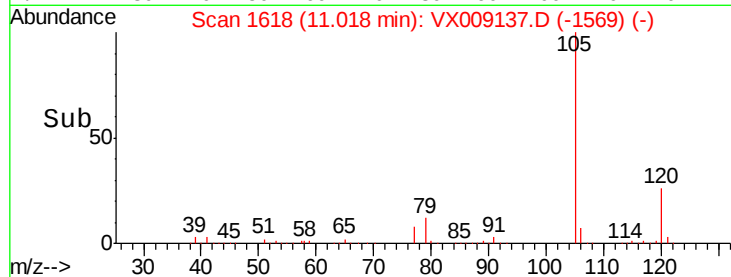
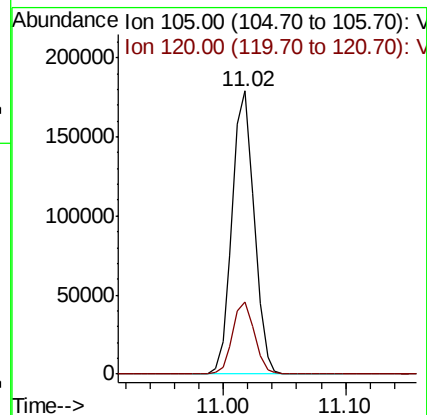
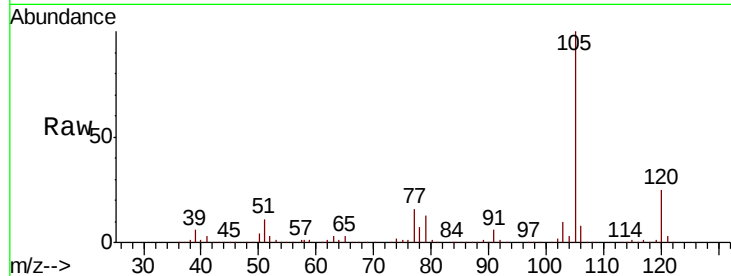
VX0424WBS01

Tgt Ion: 105 Resp: 223127

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.7



#74

N-ethyl acetate

Concen: 21.664 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Tgt Ion: 43 Resp: 126713

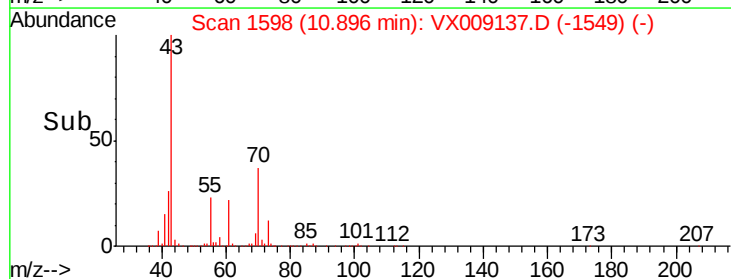
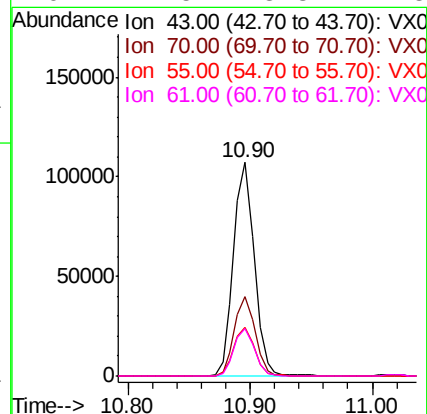
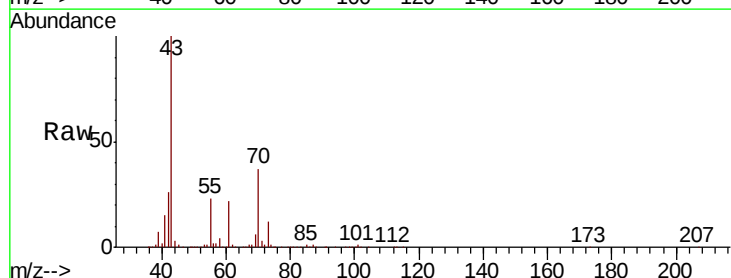
Ion Ratio Lower Upper

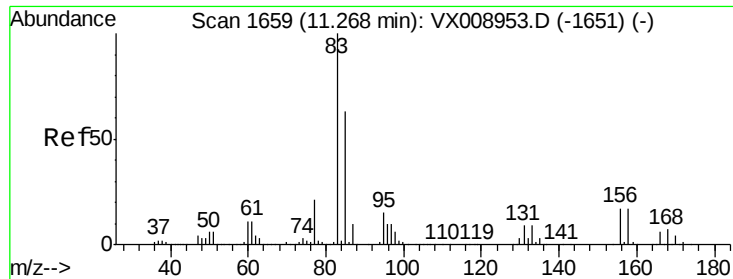
43 100

70 37.1 29.9 44.9

55 23.0 17.8 26.8

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.787 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

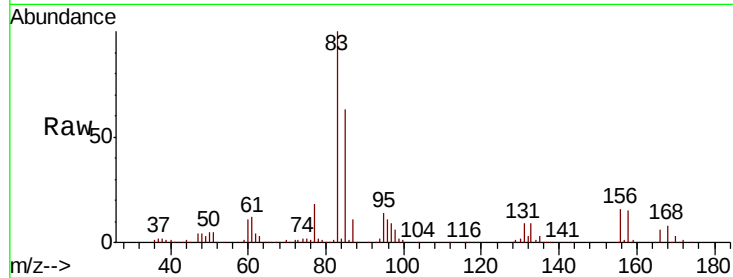
Tgt Ion: 83 Resp: 81092

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

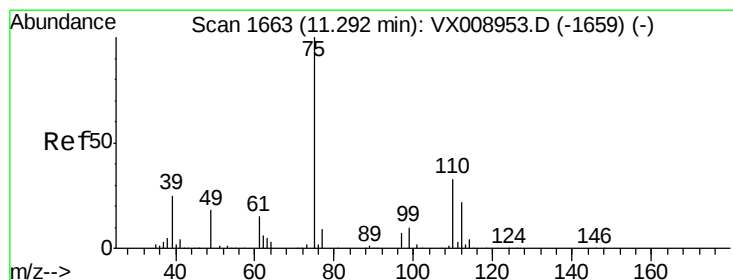
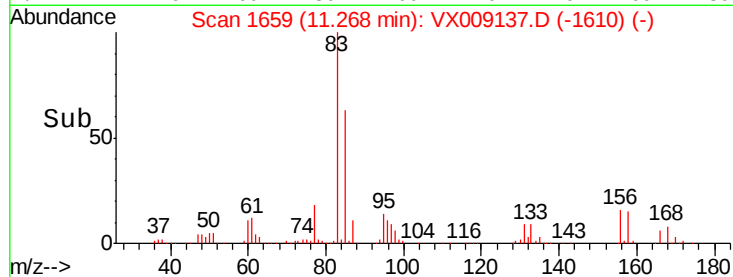
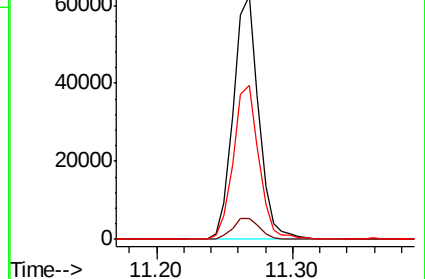
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.008 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009137.D

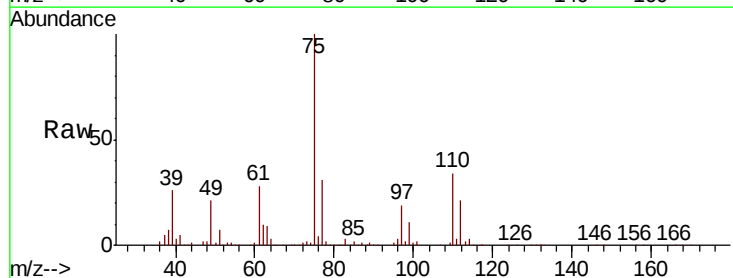
Acq: 24 Apr 2019 12:04

Tgt Ion: 75 Resp: 95195

Ion Ratio Lower Upper

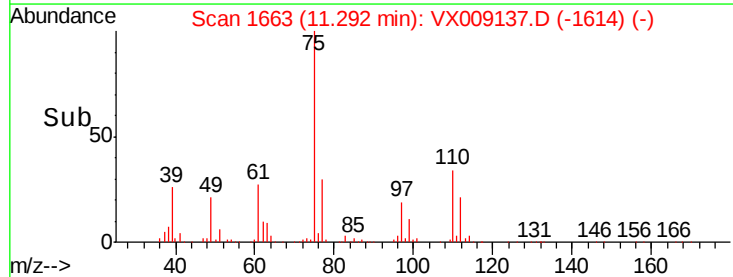
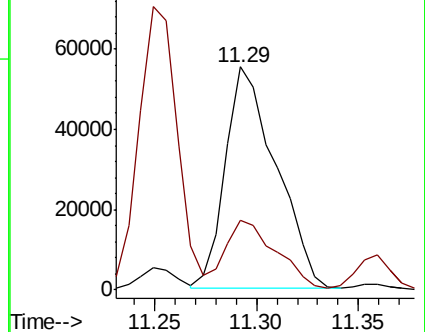
75 100

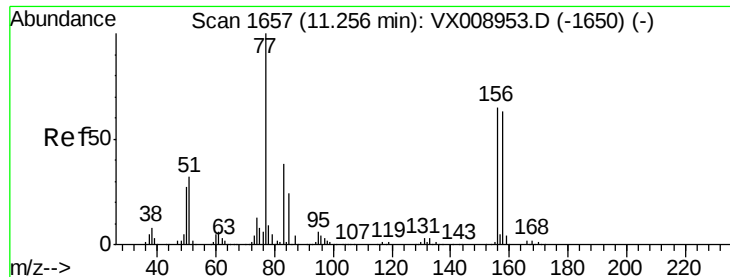
77 31.7 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.922 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

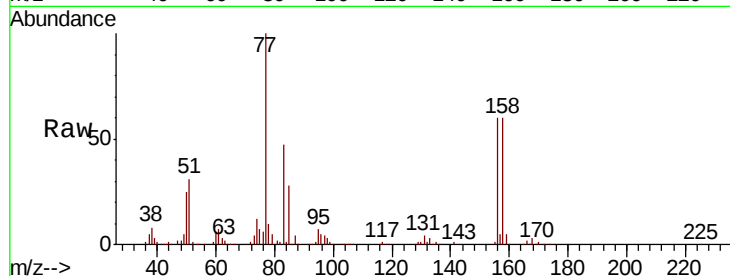
Tgt Ion:156 Resp: 53774

Ion Ratio Lower Upper

156 100

77 172.0 85.4 256.1

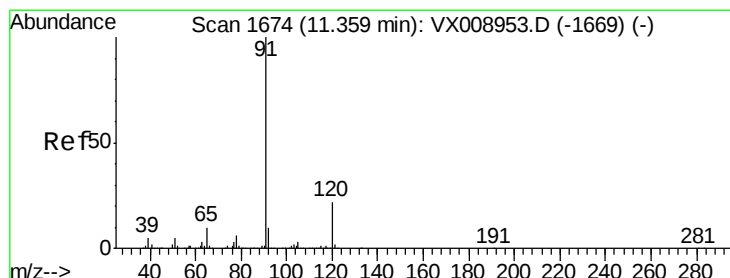
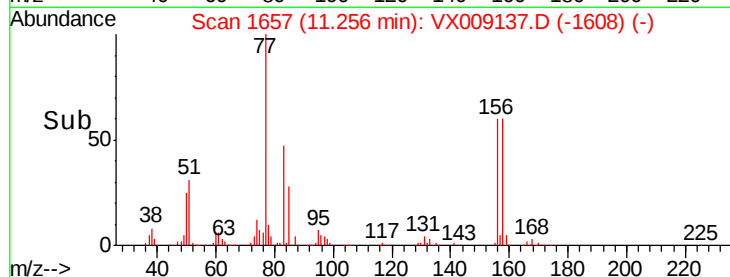
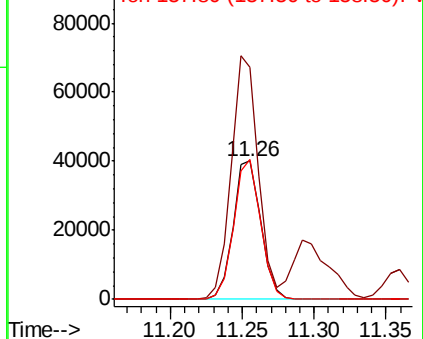
158 98.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.151 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009137.D

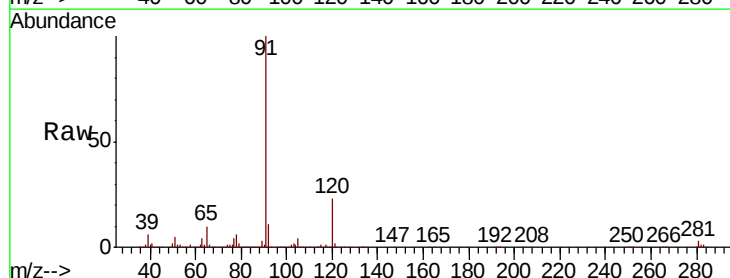
Acq: 24 Apr 2019 12:04

Tgt Ion: 91 Resp: 259000

Ion Ratio Lower Upper

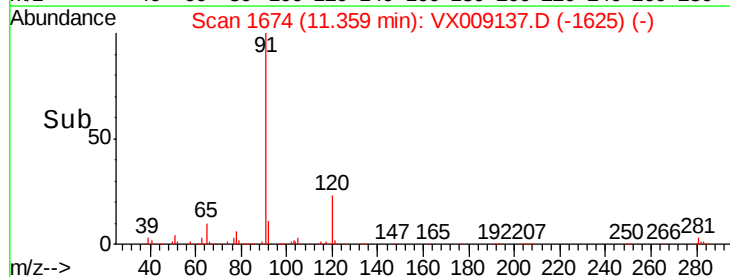
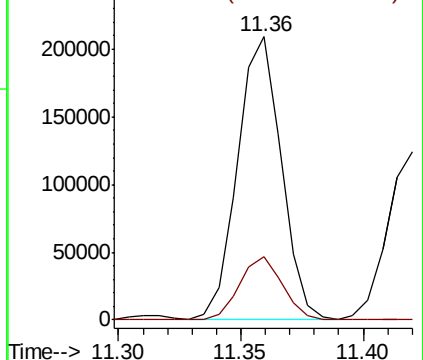
91 100

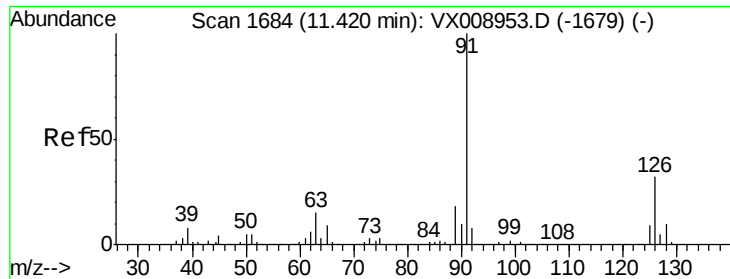
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

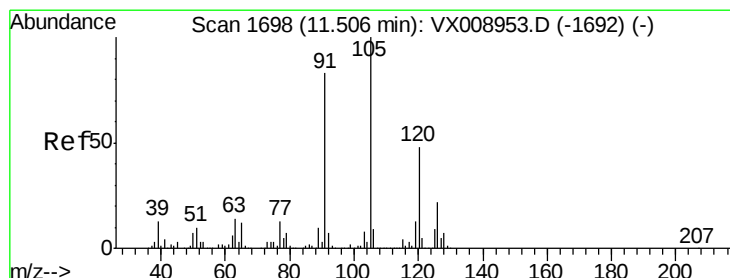
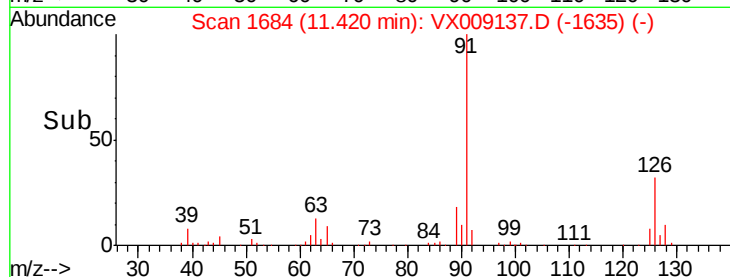
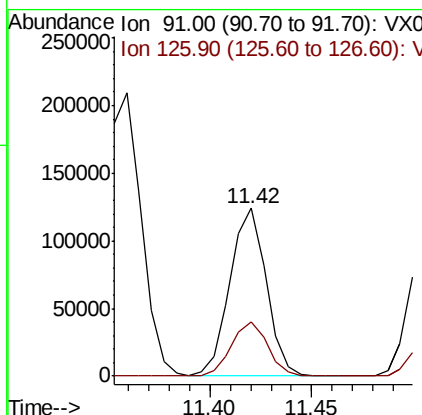
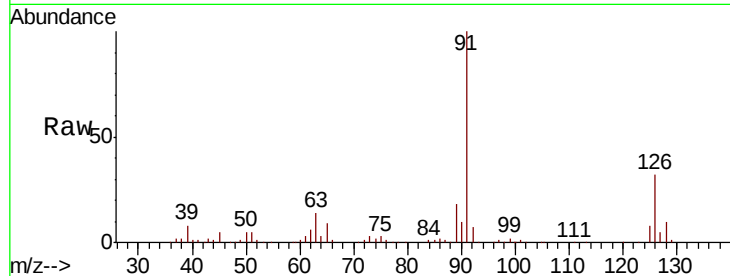




#79
 2-Chlorotoluene
 Concen: 21.592 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

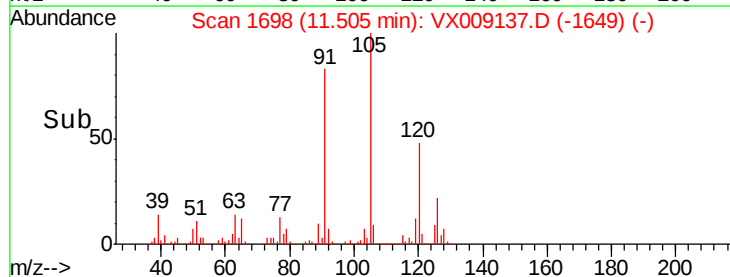
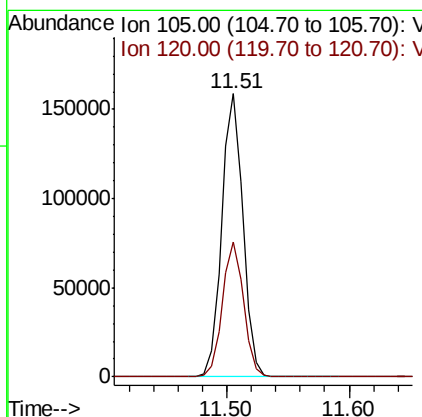
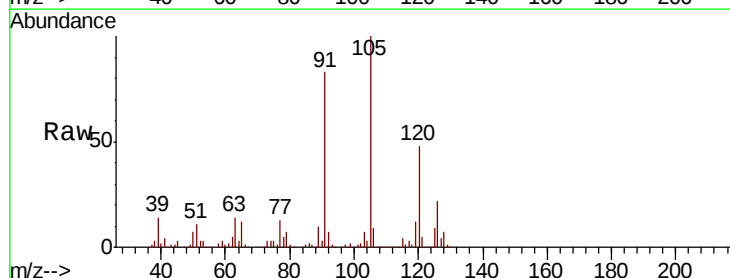
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

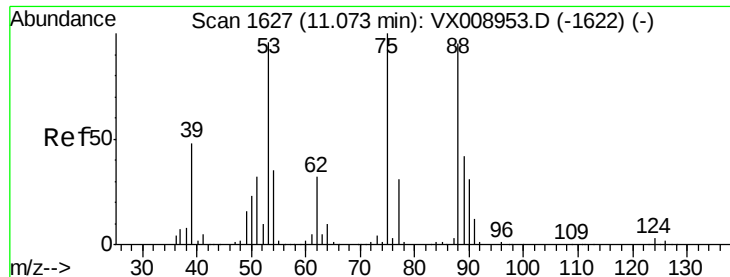
Tgt Ion: 91 Resp: 152130
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 22.278 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion: 105 Resp: 190441
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.397 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

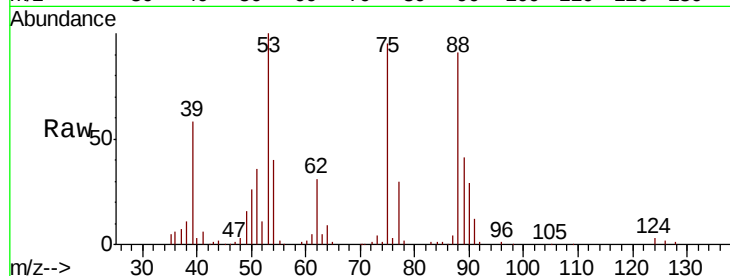
Tgt Ion: 75 Resp: 26072

Ion Ratio Lower Upper

75 100

53 106.1 78.2 117.4

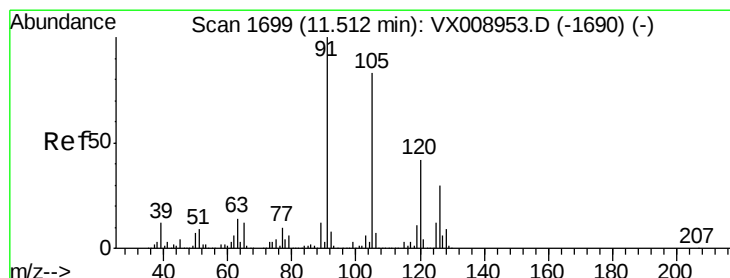
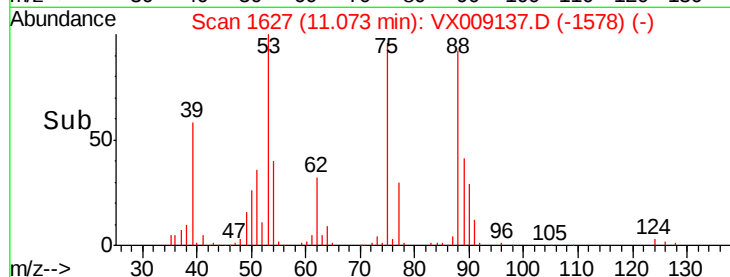
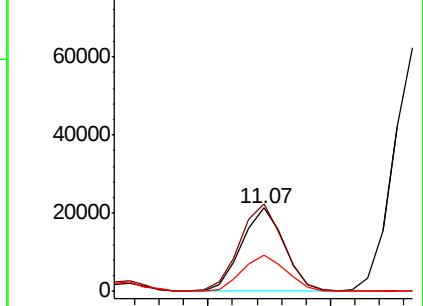
89 44.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.271 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009137.D

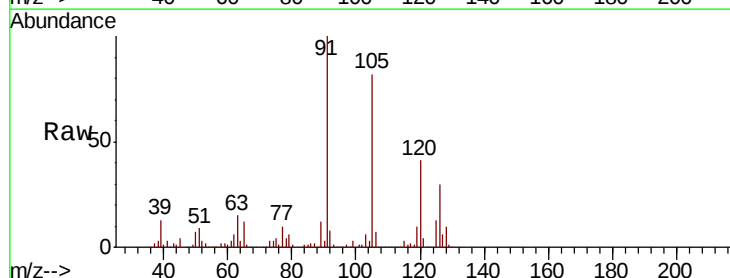
Acq: 24 Apr 2019 12:04

Tgt Ion: 91 Resp: 174057

Ion Ratio Lower Upper

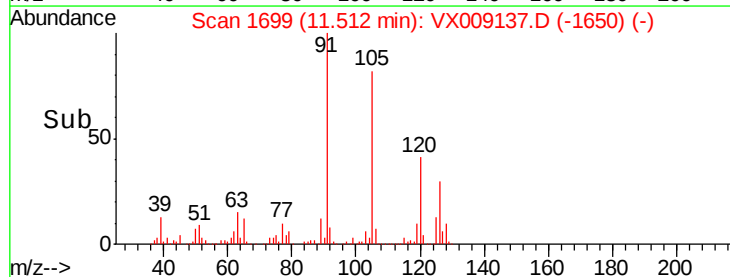
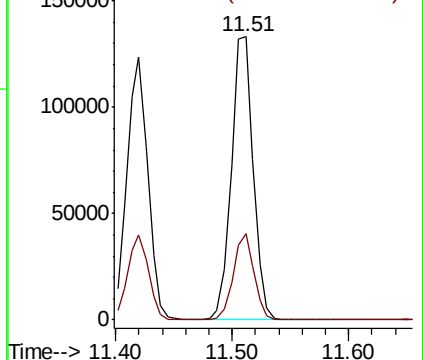
91 100

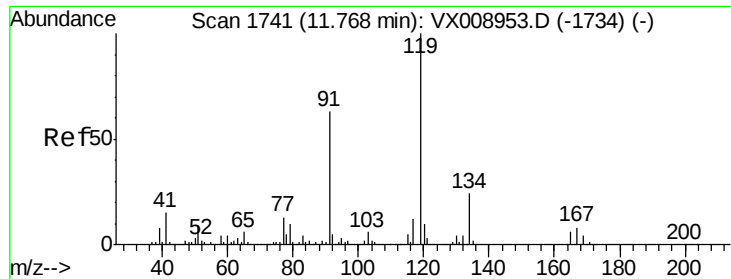
126 28.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

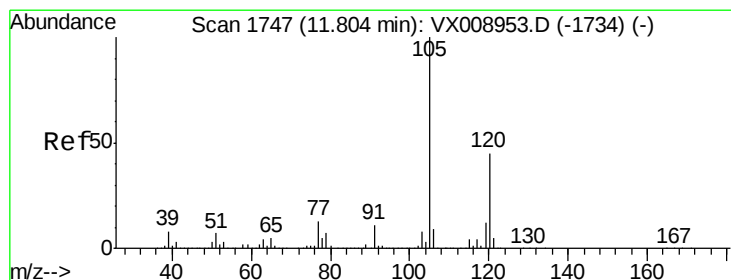
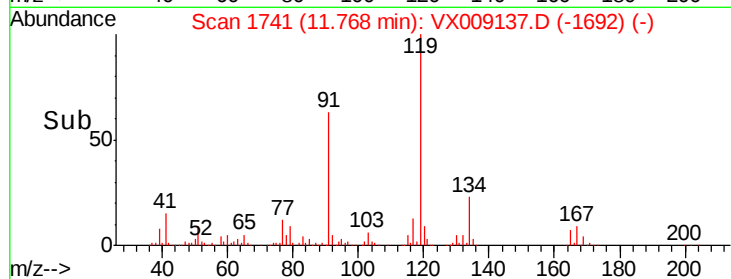
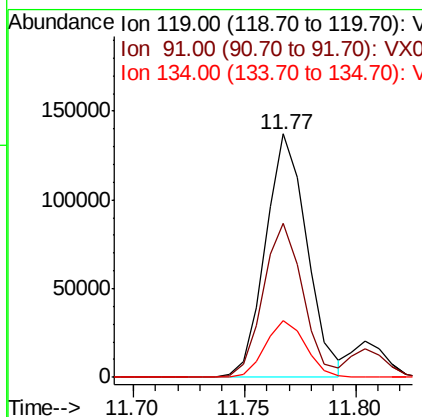
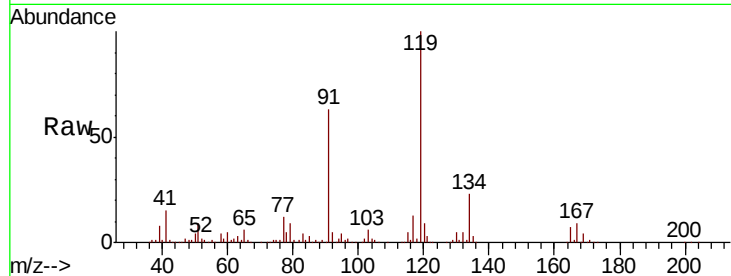




#83
 tert-Butylbenzene
 Concen: 21.612 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

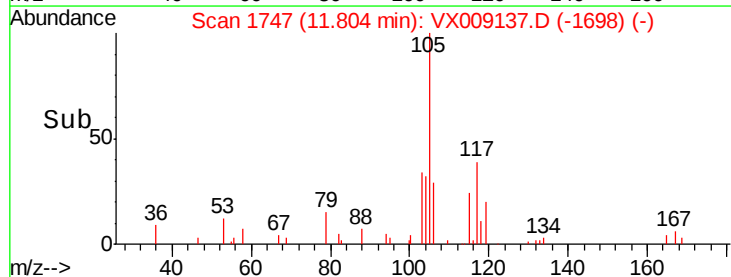
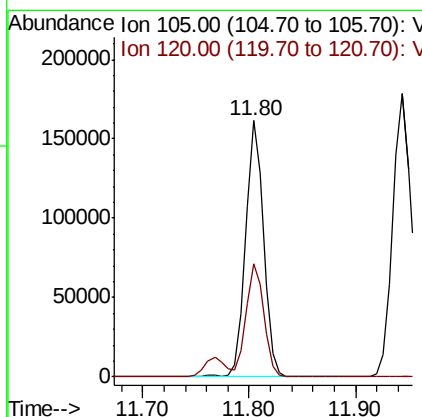
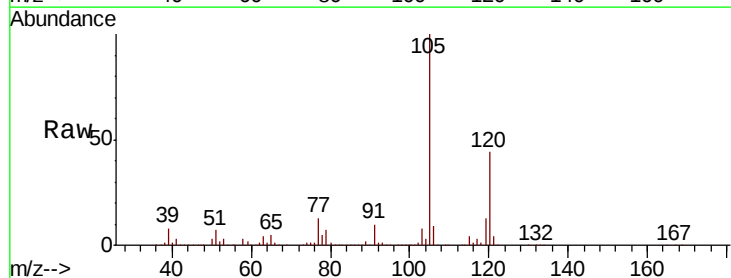
Instrument :
 MSVOA_X
 ClientSampled :
 VX0424WBS01

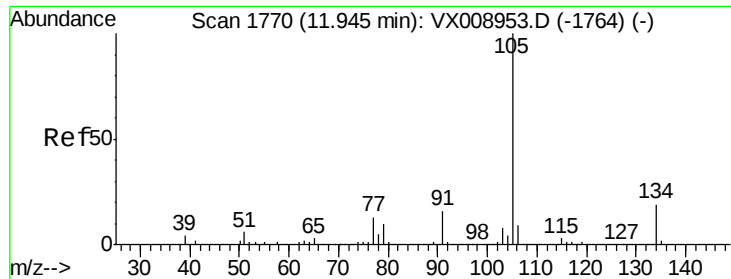
Tgt Ion:119 Resp: 177376
 Ion Ratio Lower Upper
 119 100
 91 61.0 29.7 89.1
 134 22.8 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 22.075 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion:105 Resp: 192084
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 22.153 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

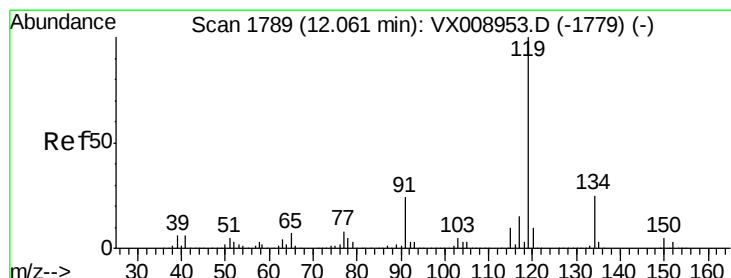
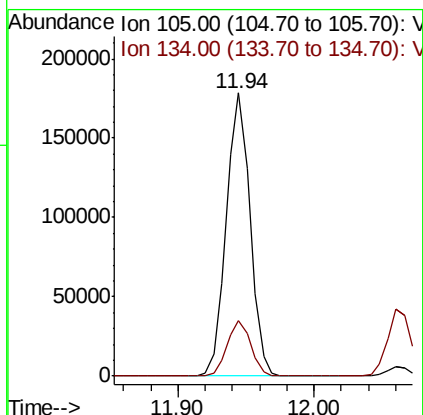
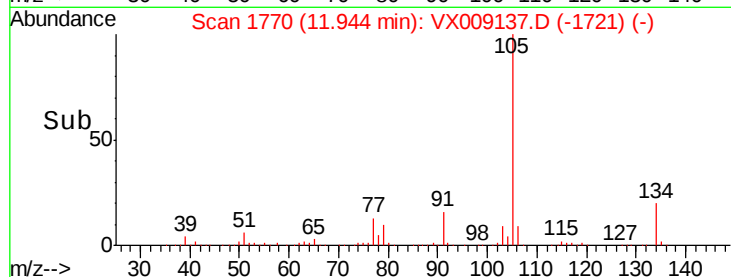
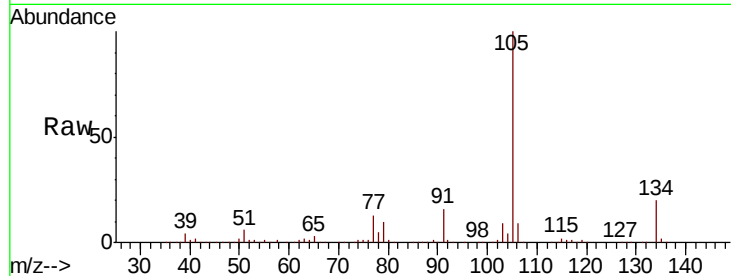
VX0424WBS01

Tgt Ion:105 Resp: 216841

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.6



#86

p-Isopropyltoluene

Concen: 21.717 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

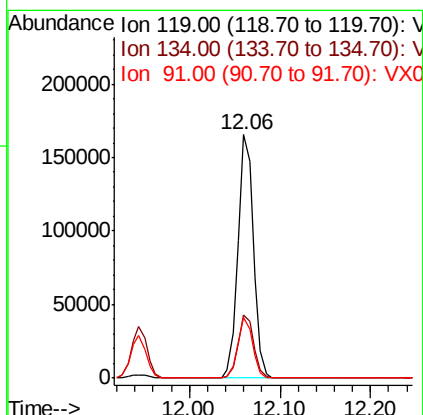
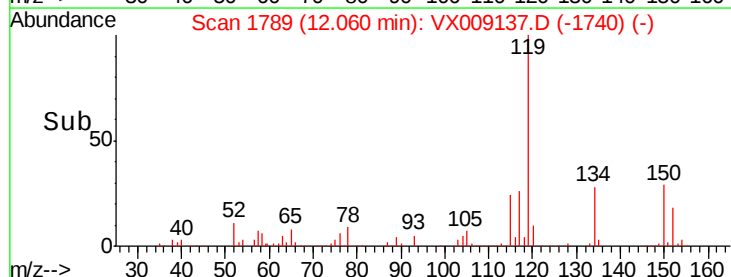
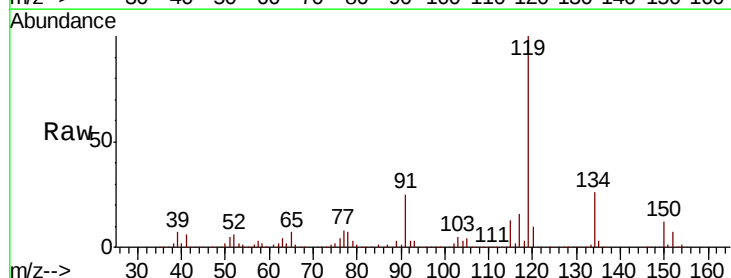
Tgt Ion:119 Resp: 195443

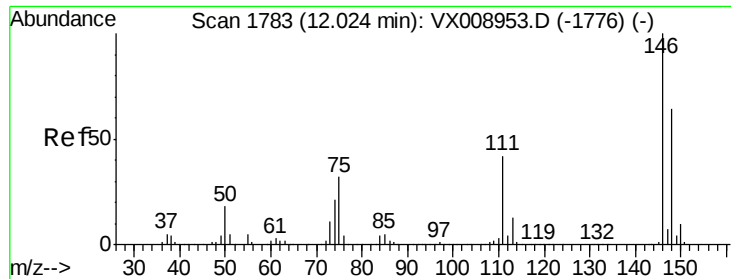
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.4 11.9 35.5

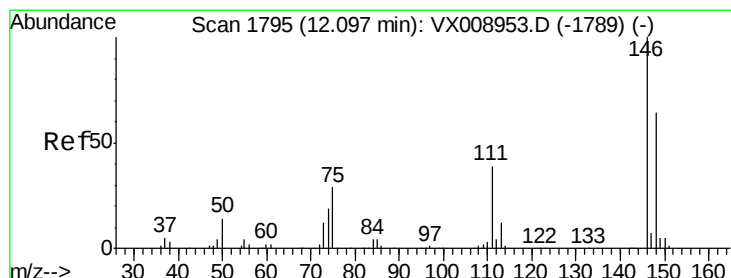
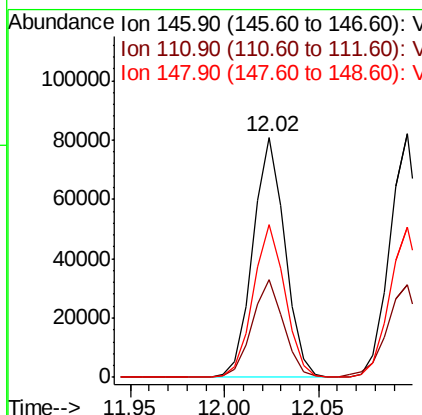
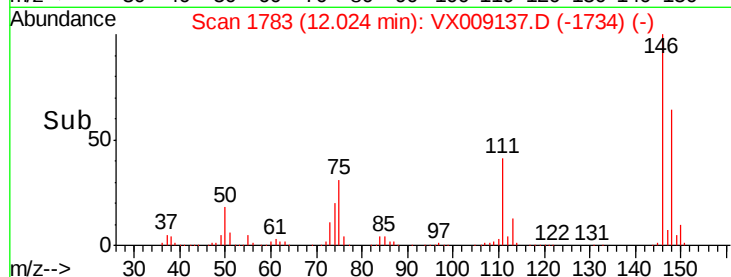
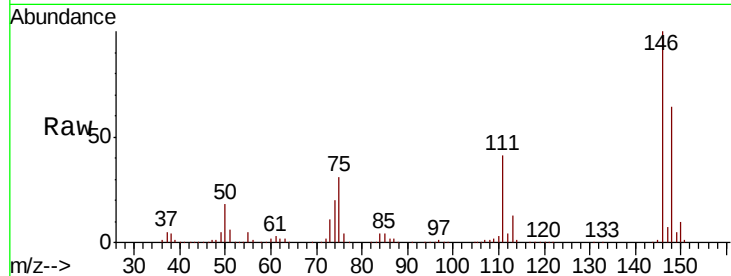




#87
 1,3-Dichlorobenzene
 Concen: 21.197 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

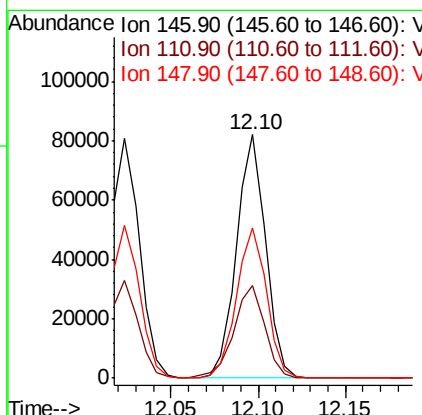
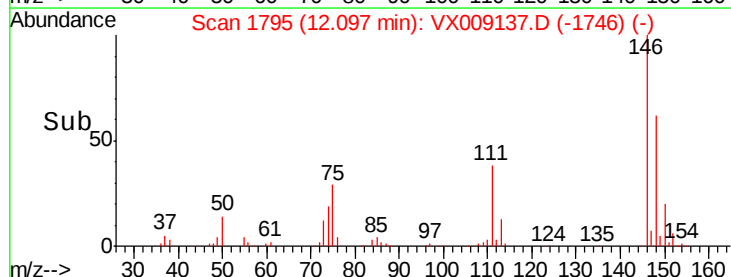
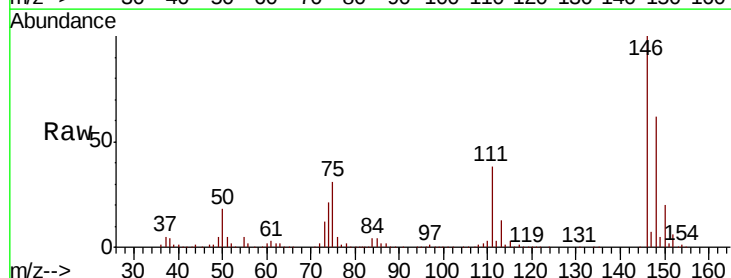
Instrument :
 MSVOA_X
 ClientSampled :
 VX0424WBS01

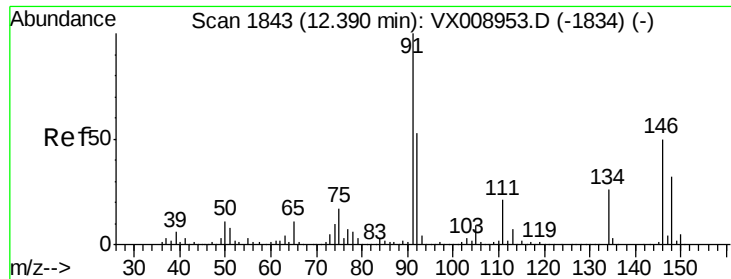
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.6
148	63.4	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.811 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	63.8	32.2	96.6

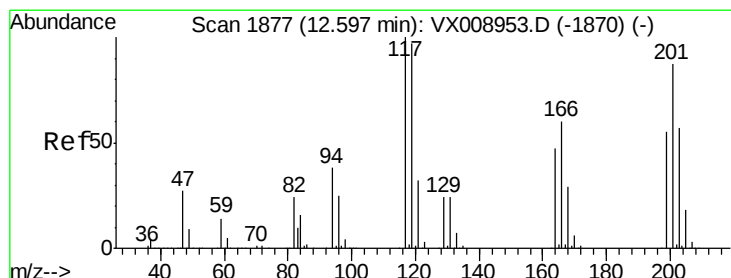
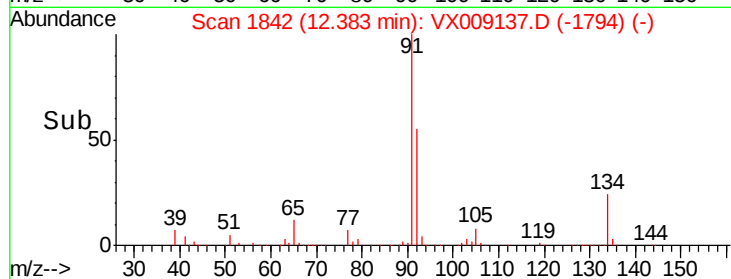
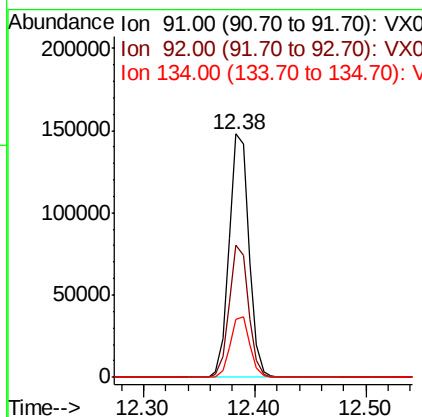
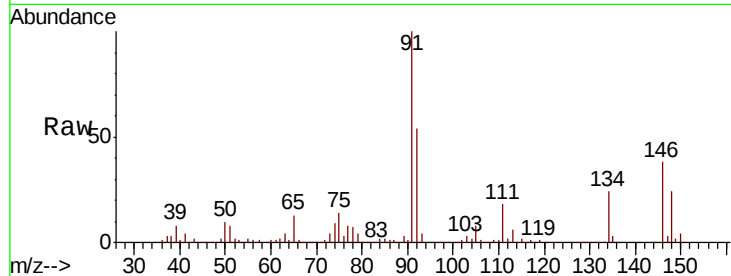




#89
n-Butylbenzene
Concen: 21.681 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

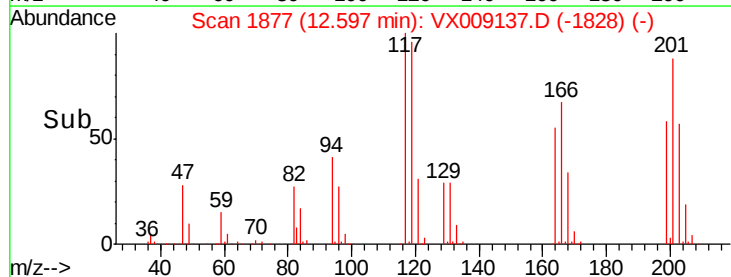
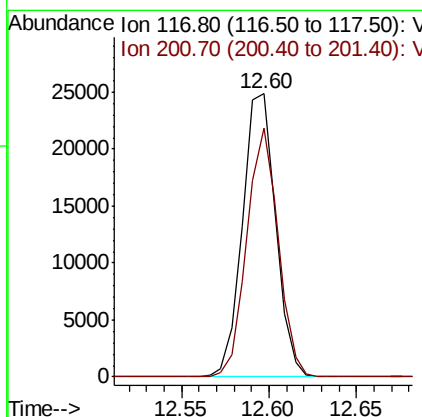
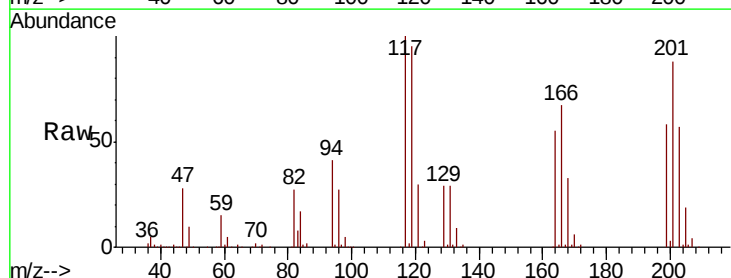
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

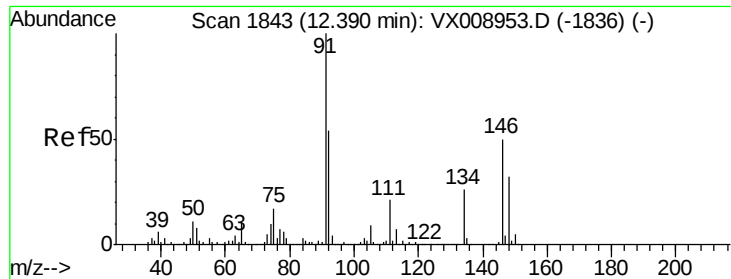
Tgt Ion: 91 Resp: 181715
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.8
134 24.7 12.4 37.2



#90
Hexachloroethane
Concen: 22.117 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009137.D
Acq: 24 Apr 2019 12:04

Tgt Ion: 117 Resp: 32833
Ion Ratio Lower Upper
117 100
201 82.9 43.0 129.0





#91

1,2-Dichlorobenzene

Concen: 21.159 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

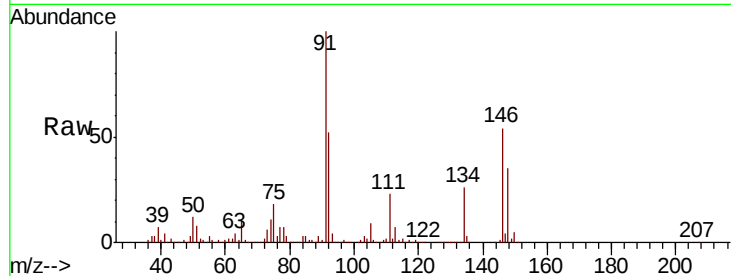
Tgt Ion:146 Resp: 93992

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

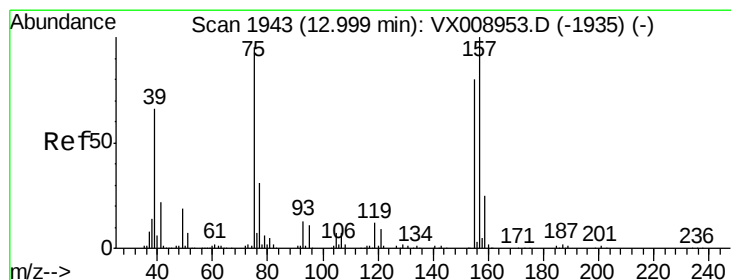
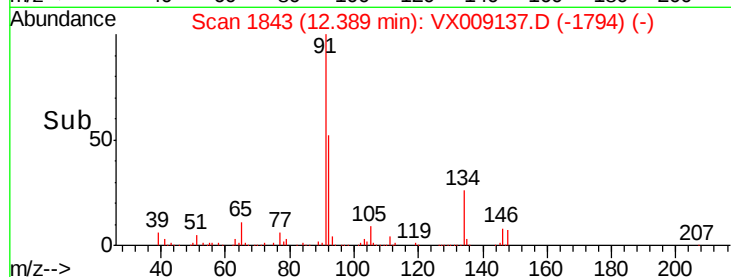
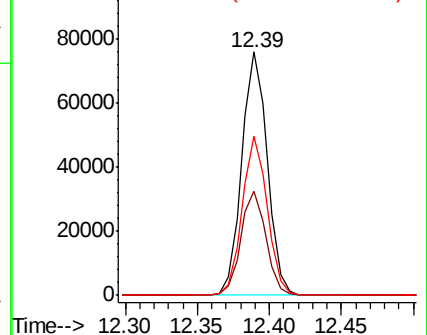
148 63.9 32.0 96.2



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: 20.150 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

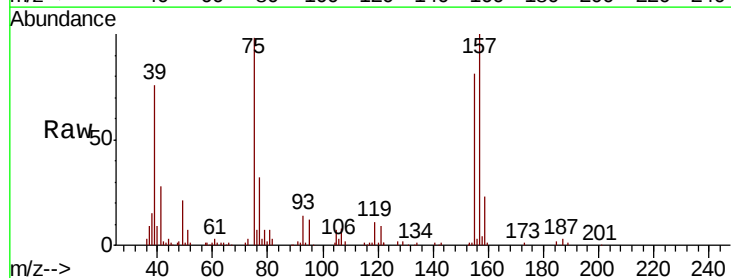
Tgt Ion: 75 Resp: 17076

Ion Ratio Lower Upper

75 100

155 78.9 41.2 123.6

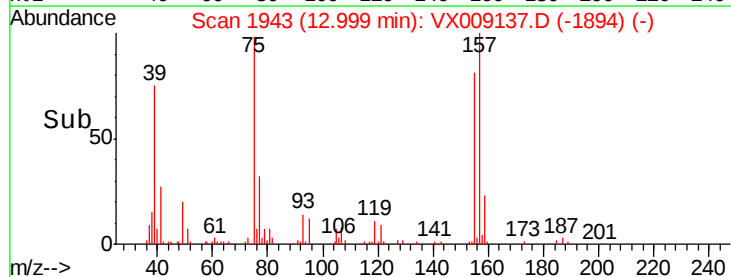
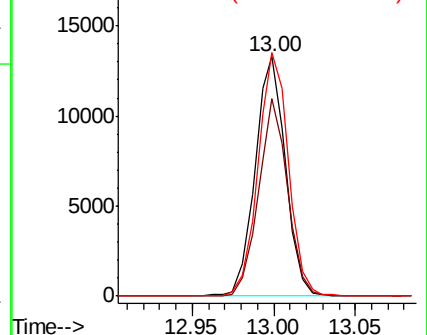
157 102.0 52.5 157.6

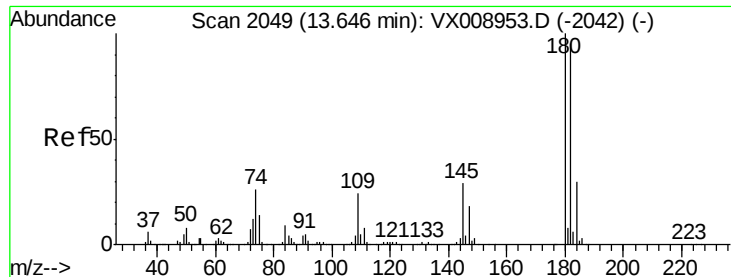


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

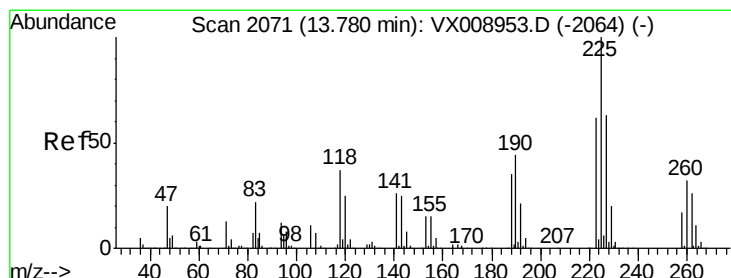
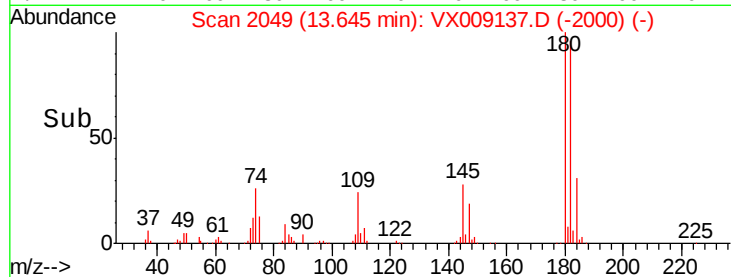
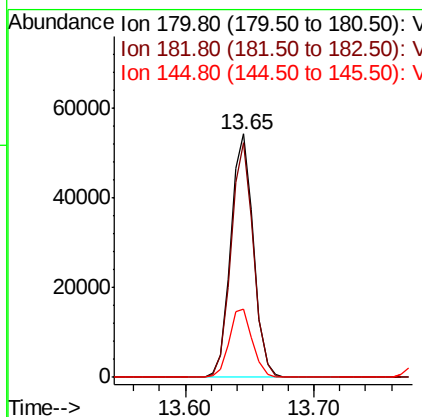
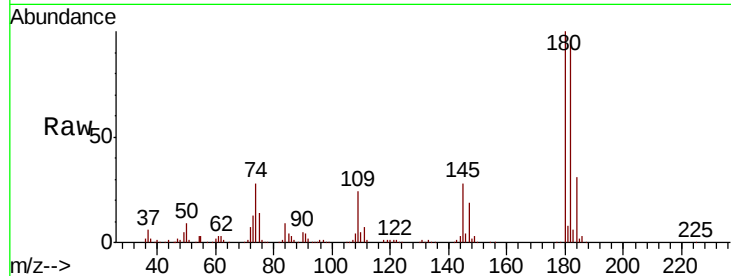




#93
 1,2,4-Trichlorobenzene
 Concen: 20.905 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

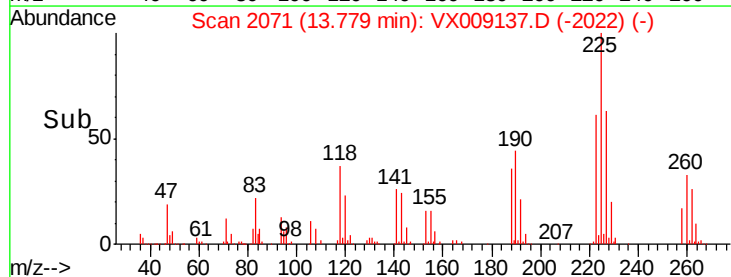
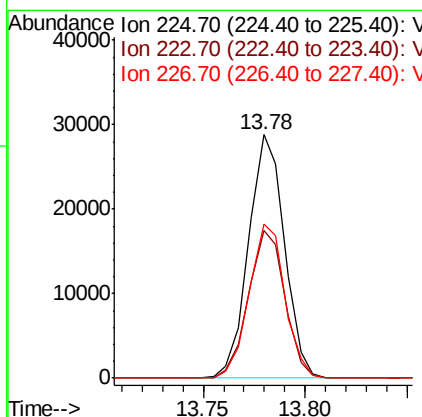
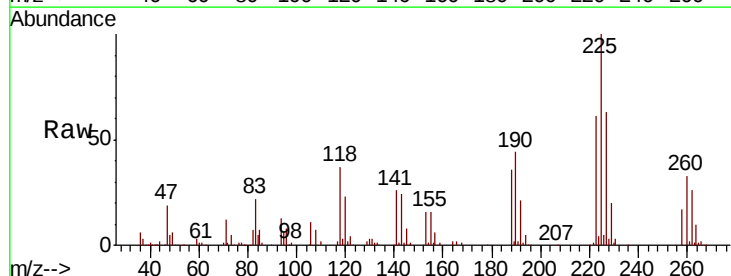
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

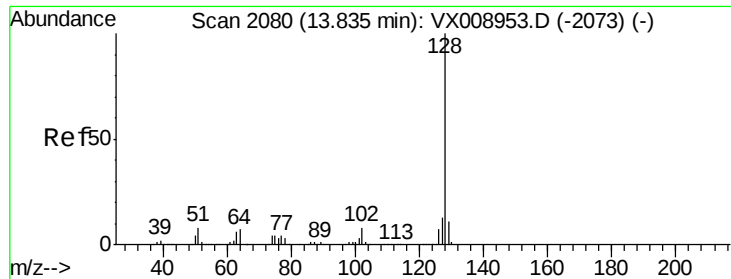
Tgt Ion:180 Resp: 67035
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 28.8 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 22.000 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009137.D
 Acq: 24 Apr 2019 12:04

Tgt Ion:225 Resp: 35185
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.1 93.2
 227 63.2 32.0 96.2





#95

Naphthalene

Concen: 20.639 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

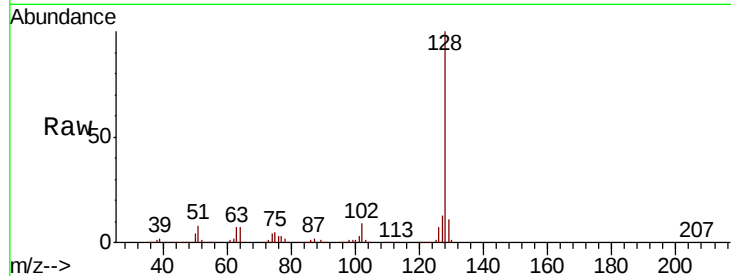
Tgt Ion:128 Resp: 212035

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

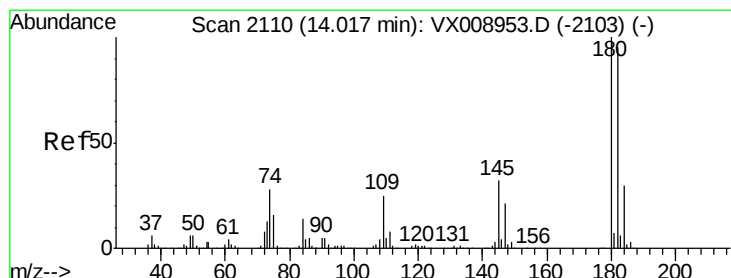
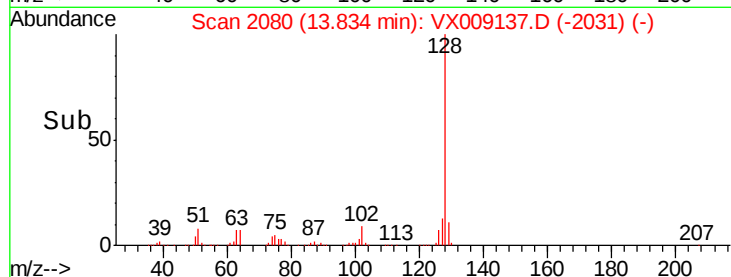
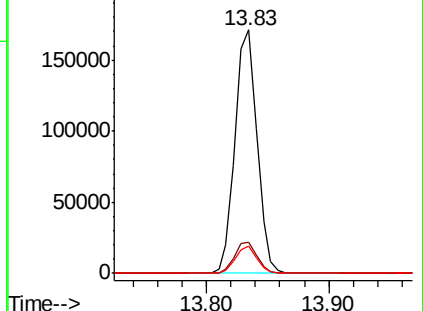
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.646 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009137.D

Acq: 24 Apr 2019 12:04

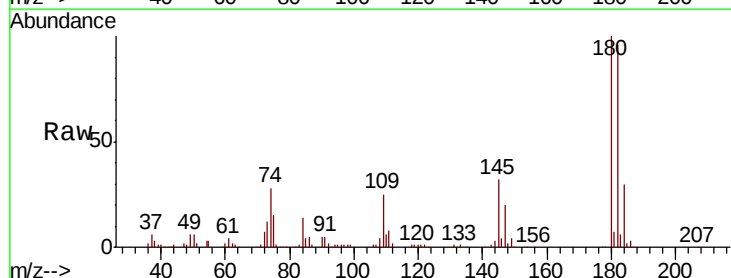
Tgt Ion:180 Resp: 65322

Ion Ratio Lower Upper

180 100

182 97.1 47.8 143.4

145 31.3 15.8 47.3



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

