

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004349.D
 Acq On : 04 Sep 2018 16:12
 Operator : JC/MD
 Sample : VX0904MBS01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBS01

Quant Time: Sep 05 06:41:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	304274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192361	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.50	113	166622	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.71	98	620964	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	231471	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68314	19.38	ug/l	99
3) Chloromethane	1.32	50	73856	19.14	ug/l	99
4) Vinyl Chloride	1.40	62	79145	19.85	ug/l	100
5) Bromomethane	1.64	94	40018	19.11	ug/l	100
6) Chloroethane	1.71	64	60225	20.46	ug/l	100
7) Trichlorofluoromethane	1.92	101	107856	19.74	ug/l	96
8) Diethyl Ether	2.18	74	49115	20.99	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68912	20.14	ug/l	100
10) Methyl Iodide	2.51	142	68688	20.54	ug/l	99
11) Tert butyl alcohol	3.07	59	97557	115.40	ug/l	100
12) 1,1-Dichloroethene	2.37	96	64133	19.90	ug/l	99
13) Acrolein	2.29	56	21949	107.69	ug/l	96
14) Allyl chloride	2.72	41	125777	21.24	ug/l	97
15) Acrylonitrile	3.15	53	229943	109.83	ug/l	100
16) Acetone	2.45	43	198053	118.08	ug/l	100
17) Carbon Disulfide	2.56	76	157415	18.10	ug/l	100
18) Methyl Acetate	2.78	43	164001	27.87	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	225913	21.27	ug/l	97
20) Methylene Chloride	2.85	84	78447	20.55	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	69239	19.41	ug/l	97
22) Diisopropyl ether	3.87	45	229184	20.73	ug/l	99
23) Vinyl Acetate	3.82	43	884214	98.66	ug/l	99
24) 1,1-Dichloroethane	3.69	63	137495	21.34	ug/l	100
25) 2-Butanone	4.71	43	298934	110.91	ug/l	98
26) 2,2-Dichloropropane	4.58	77	100064	19.80	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	80835	19.98	ug/l	100
28) Bromochloromethane	5.02	49	60370	21.16	ug/l	99
29) Tetrahydrofuran	5.16	42	186211	109.28	ug/l	100
30) Chloroform	5.21	83	134823	20.87	ug/l	96
31) Cyclohexane	5.57	56	106461	19.15	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	110009	20.42	ug/l	100
36) 1,1-Dichloropropene	5.80	75	95398	19.31	ug/l	98
37) Ethyl Acetate	4.86	43	101675	20.93	ug/l	99
38) Carbon Tetrachloride	5.78	117	94785	20.40	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	108376	19.21	ug/l	98
40) Benzene	6.14	78	305825	20.72	ug/l	100
41) Methacrylonitrile	5.06	41	60201	21.38	ug/l	99
42) 1,2-Dichloroethane	6.20	62	103037	20.46	ug/l	99
43) Isopropyl Acetate	6.46	43	158028	21.17	ug/l	100
44) Trichloroethene	7.21	130	80803	19.78	ug/l	96
45) 1,2-Dichloropropane	7.52	63	78121	21.15	ug/l	96
46) Dibromomethane	7.66	93	50130	20.38	ug/l	99
47) Bromodichloromethane	7.90	83	95470	20.86	ug/l	97
48) Methyl methacrylate	7.78	41	83972	21.02	ug/l	99
49) 1,4-Dioxane	7.76	88	41107	453.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	563048	103.80	ug/l	100
52) Toluene	8.79	92	192729	20.86	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101859	20.15	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	115302	20.94	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	80860	21.68	ug/l	98
56) Ethyl methacrylate	9.18	69	106078	20.89	ug/l	99
57) 1,3-Dichloropropane	9.37	76	133648	21.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	271993	104.54	ug/l	99
59) 2-Hexanone	9.50	43	432131	104.42	ug/l	100
60) Dibromochloromethane	9.59	129	76352	21.01	ug/l	100
61) 1,2-Dibromoethane	9.67	107	80279	20.80	ug/l	100
64) Tetrachloroethene	9.34	164	87608	22.02	ug/l	99
65) Chlorobenzene	10.14	112	205374	20.32	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	73552	21.10	ug/l	100
67) Ethyl Benzene	10.26	91	338179	20.60	ug/l	99
68) m/p-Xylenes	10.36	106	279477	43.54	ug/l	99
69) o-Xylene	10.70	106	132530	21.83	ug/l	100
70) Styrene	10.71	104	222508	22.63	ug/l	99
71) Bromoform	10.86	173	57716	20.54	ug/l	# 99
73) Isopropylbenzene	11.02	105	353458	22.16	ug/l	99
74) N-amyl acetate	10.90	43	128783	20.97	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	122400	21.92	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	135650	27.46	ug/l	88
77) Bromobenzene	11.26	156	97087	21.69	ug/l	99
78) n-propylbenzene	11.36	91	410580	22.38	ug/l	100
79) 2-Chlorotoluene	11.42	91	246138	21.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	302590	22.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	32091	21.08	ug/l	98
82) 4-Chlorotoluene	11.51	91	291101	21.90	ug/l	99
83) tert-Butylbenzene	11.77	119	294575	22.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	312834	23.07	ug/l	99
85) sec-Butylbenzene	11.95	105	366867	23.25	ug/l	100
86) p-Isopropyltoluene	12.07	119	310603	21.96	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	178667	21.20	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	172816	19.45	ug/l	97
89) n-Butylbenzene	12.39	91	244420	21.25	ug/l	97
90) Hexachloroethane	12.60	117	42673	21.59	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	162326	21.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20946	21.30	ug/l	96

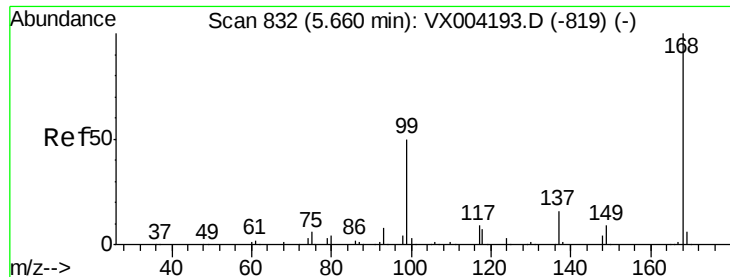
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
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Instrument :
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Quant Time: Sep 05 06:41:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123598	22.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	65608	25.10	ug/l	94
95) Naphthalene	13.83	128	376992	23.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134410	22.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

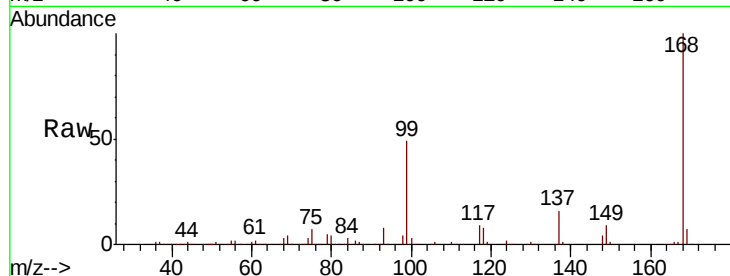
VX0904MBS01

Tot Ion:168 Resp: 304274

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

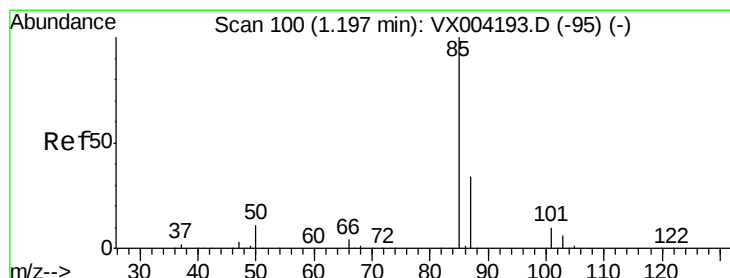
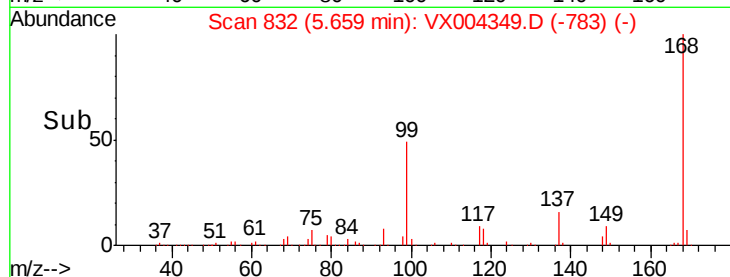
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.38 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004349.D

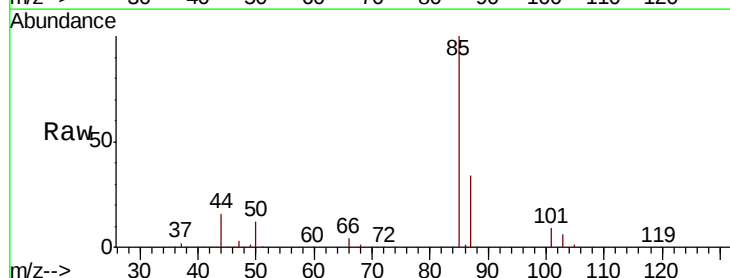
Acq: 04 Sep 2018 16:12

Tgt Ion: 85 Resp: 68314

Ion Ratio Lower Upper

85 100

87 33.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

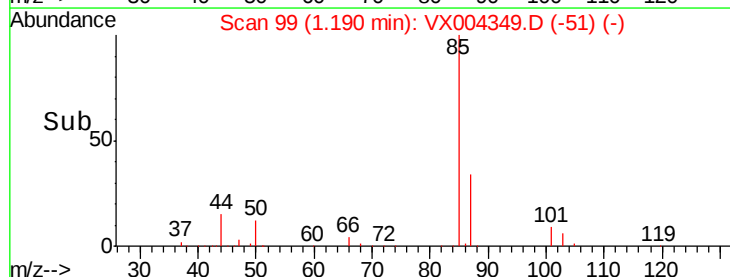
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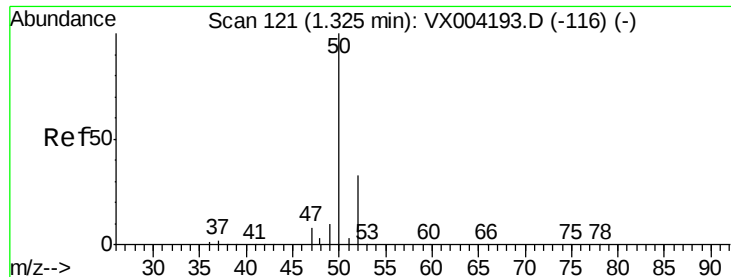
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.14 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

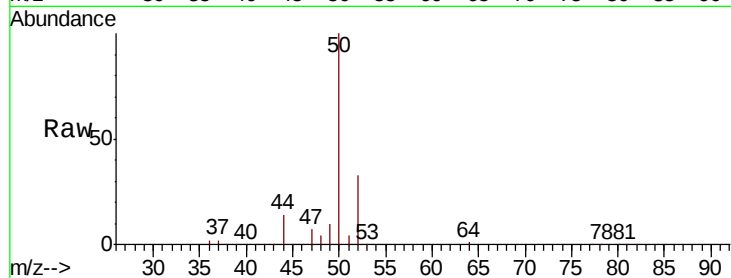
VX0904MBS01

Tot Ion: 50 Resp: 73856

Ion Ratio Lower Upper

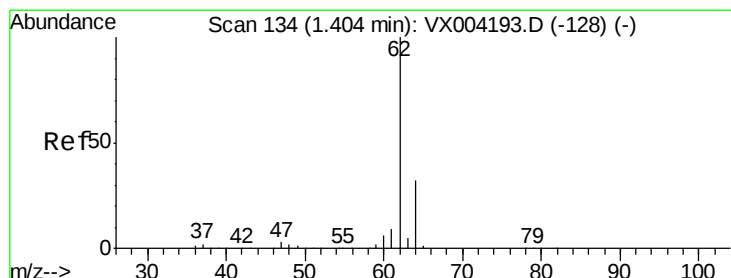
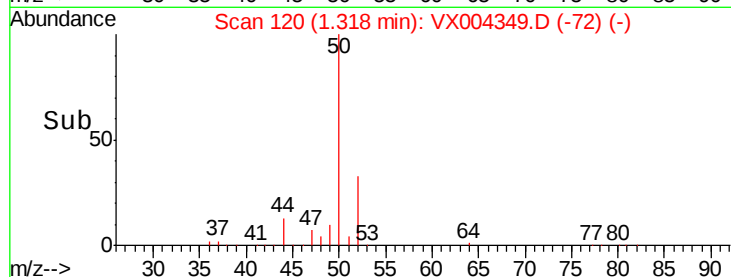
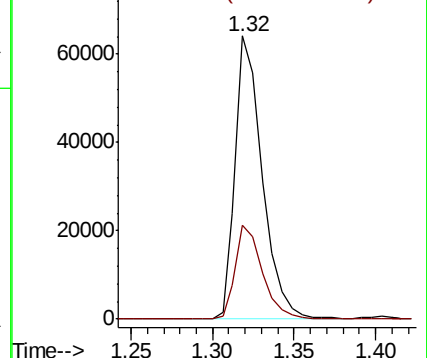
50 100

52 33.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.85 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004349.D

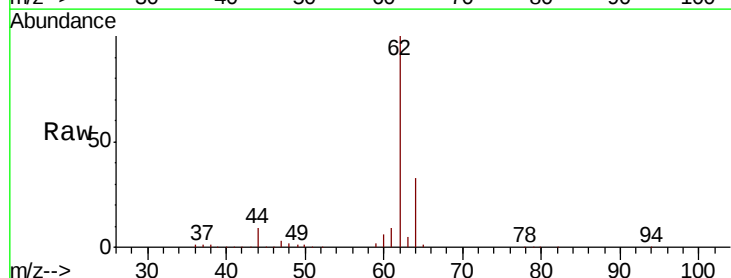
Acq: 04 Sep 2018 16:12

Tgt Ion: 62 Resp: 79145

Ion Ratio Lower Upper

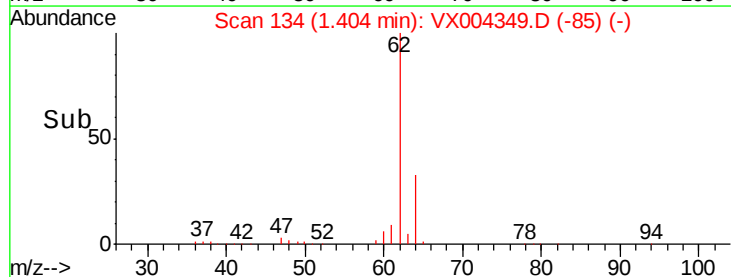
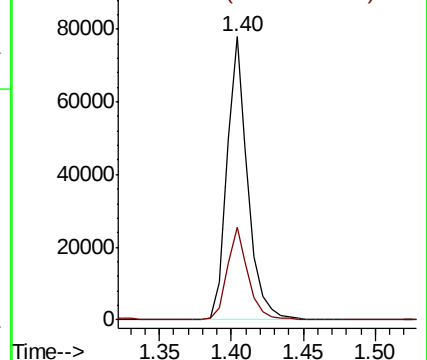
62 100

64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

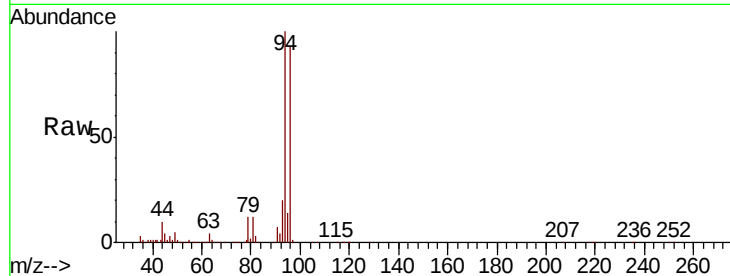
VX0904MBS01

Tot Ion: 94 Resp: 40018

Ion Ratio Lower Upper

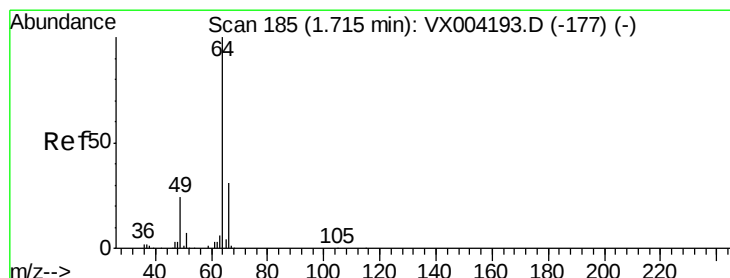
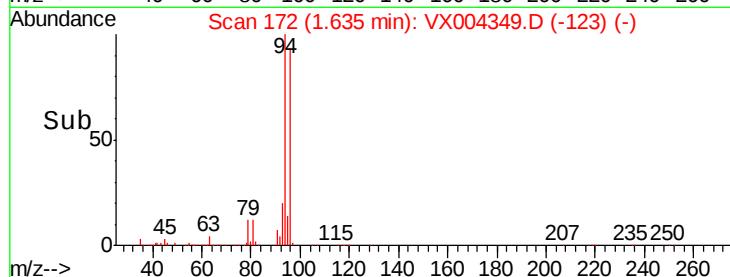
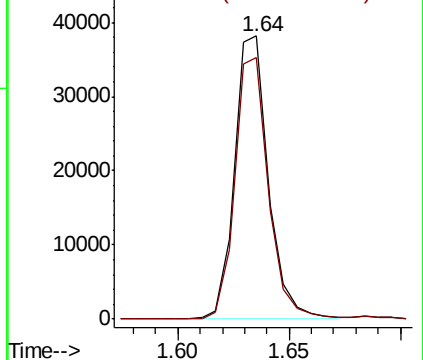
94 100

96 92.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.46 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004349.D

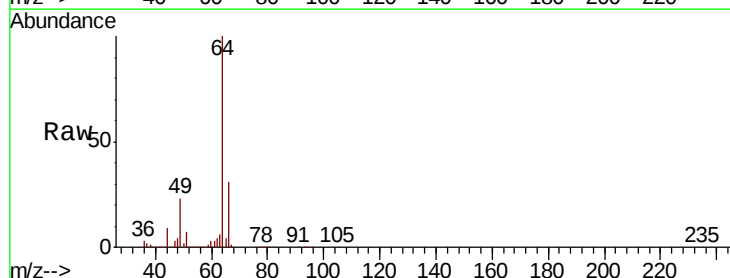
Acq: 04 Sep 2018 16:12

Tgt Ion: 64 Resp: 60225

Ion Ratio Lower Upper

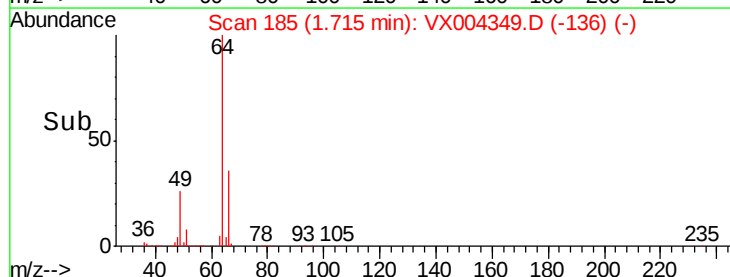
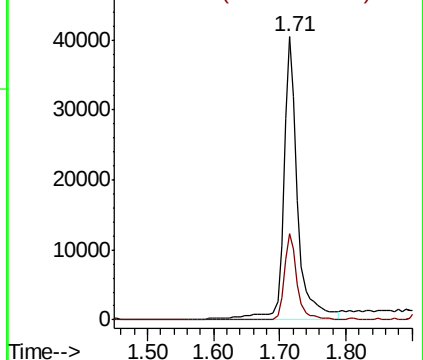
64 100

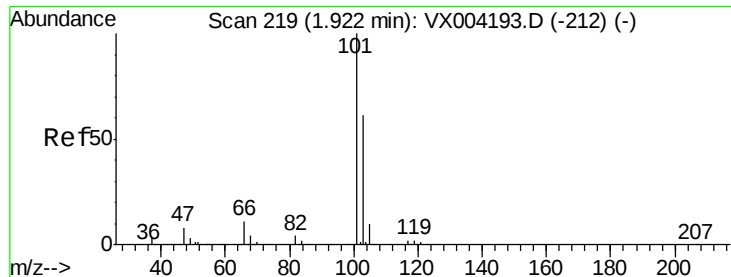
66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



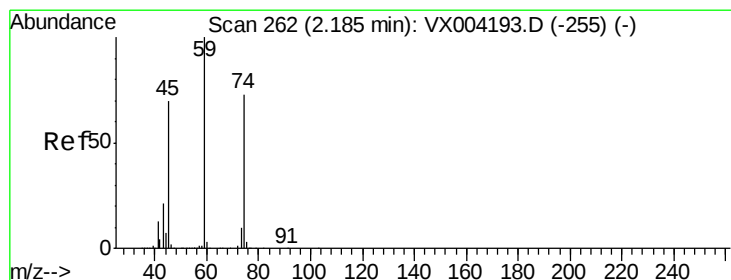
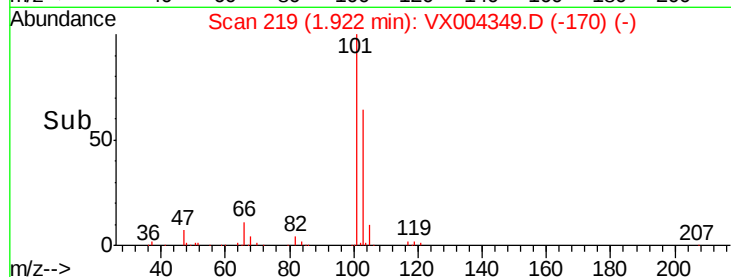
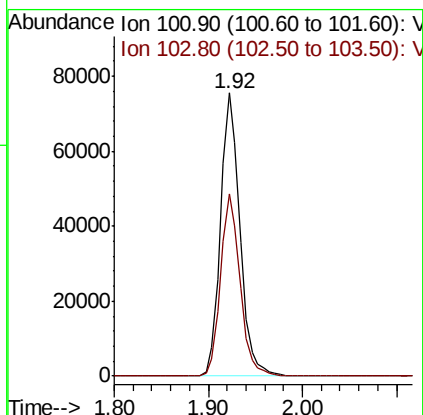
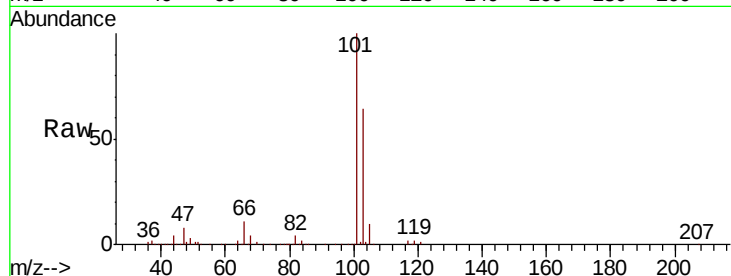


#7

Trichlorofluoromethane
 Concen: 19.74 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBS01

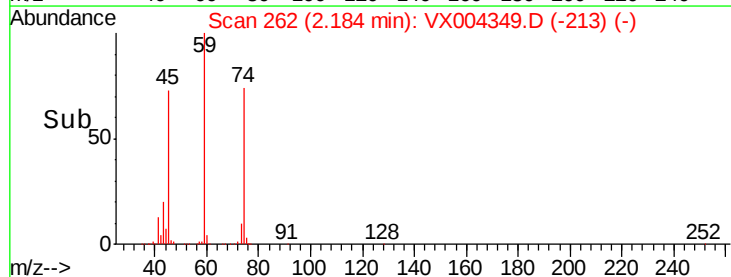
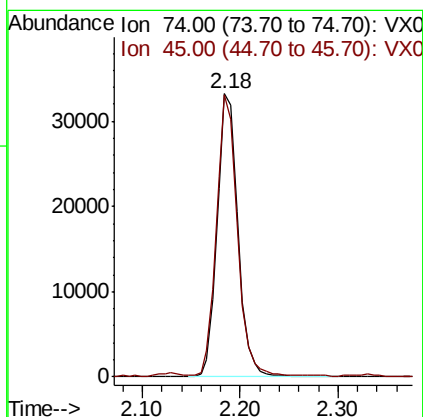
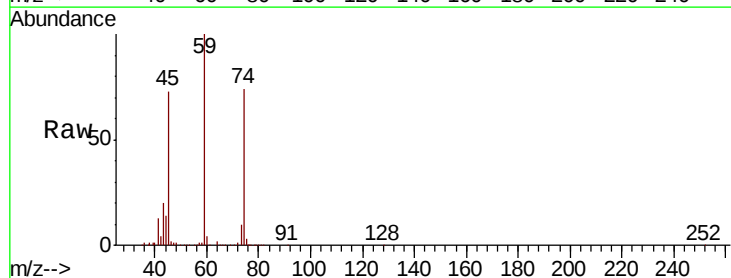
Tot Ion:101 Resp: 107856
 Ion Ratio Lower Upper
 101 100
 103 64.4 48.9 73.3

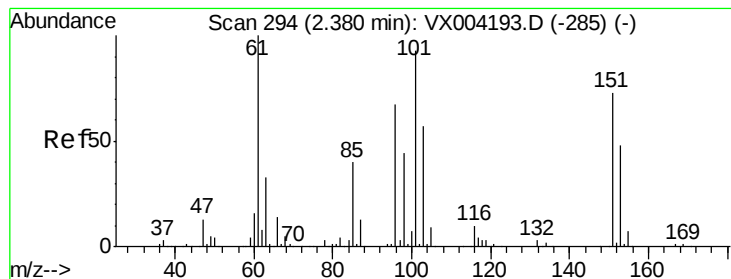


#8

Diethyl Ether
 Concen: 20.99 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion: 74 Resp: 49115
 Ion Ratio Lower Upper
 74 100
 45 99.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.14 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

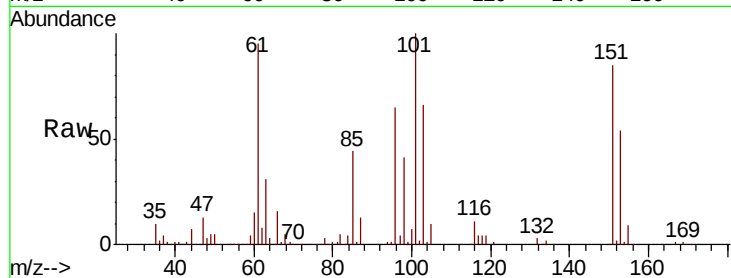
Tot Ion:101 Resp: 68912

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

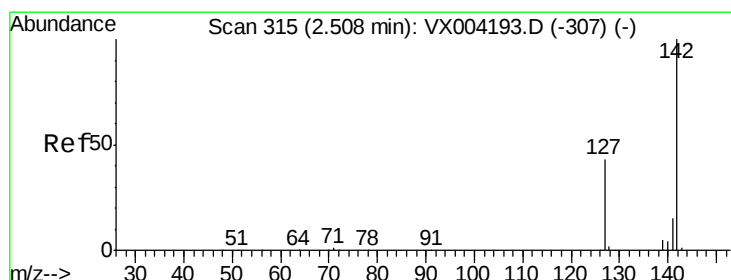
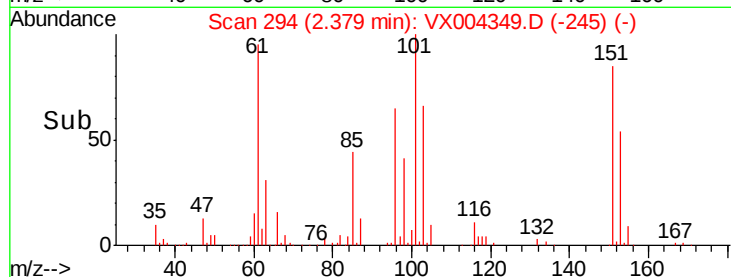
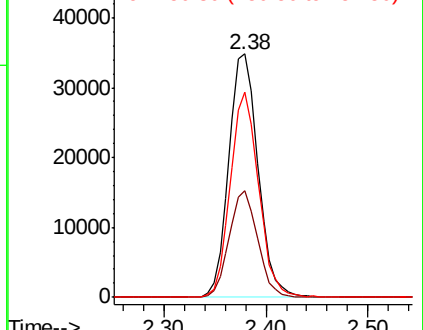
151 81.5 65.0 97.6



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: 20.54 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

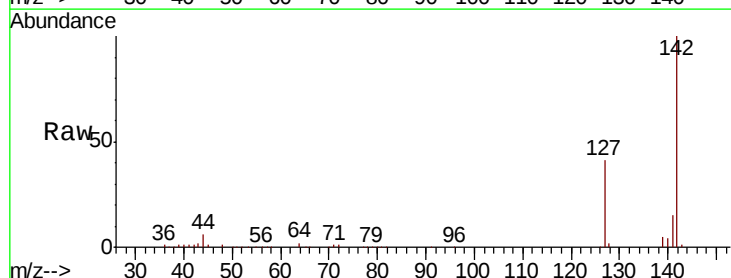
Tgt Ion:142 Resp: 68688

Ion Ratio Lower Upper

142 100

127 41.3 33.8 50.6

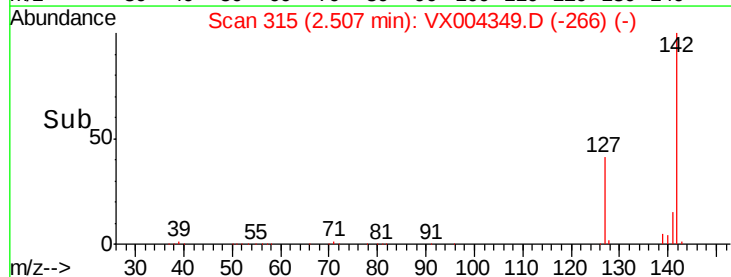
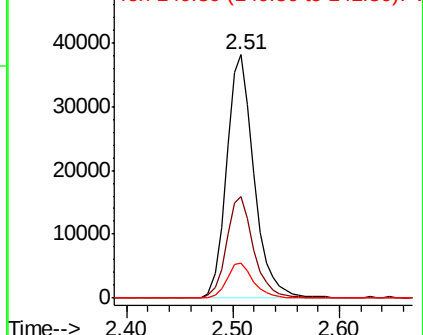
141 14.0 11.4 17.0

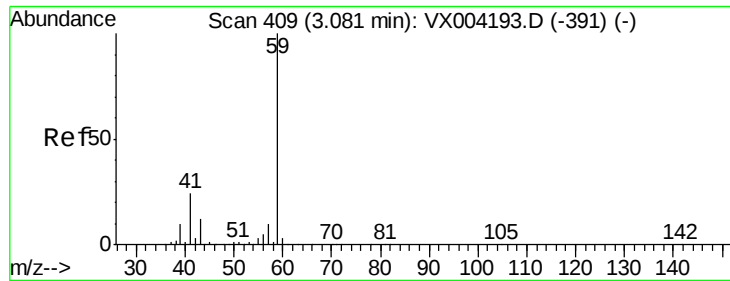


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

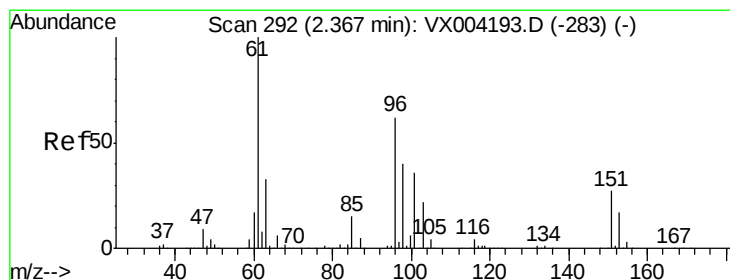
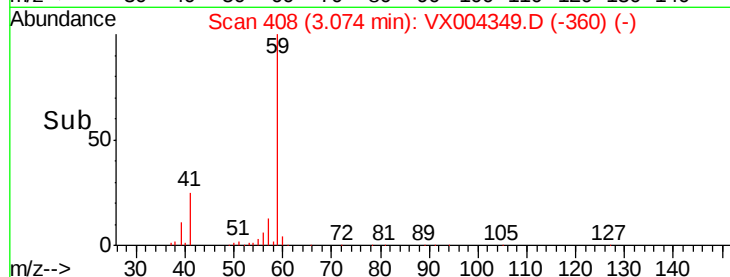
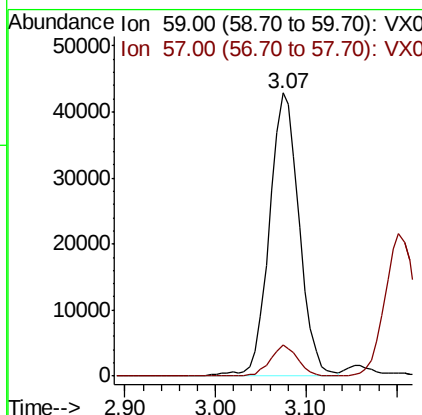
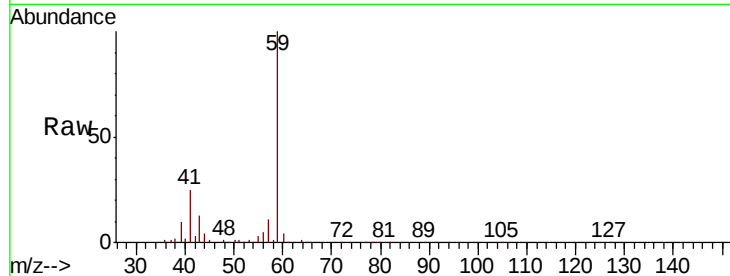




#11
Tert butyl alcohol
Concen: 115.40 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

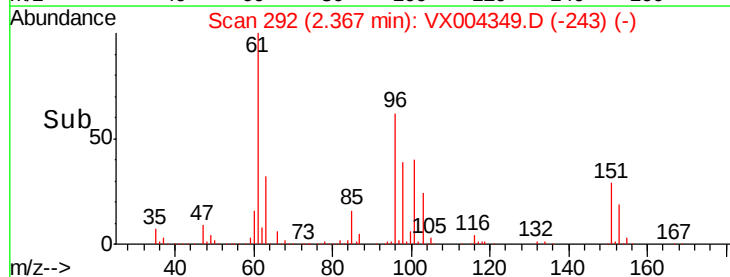
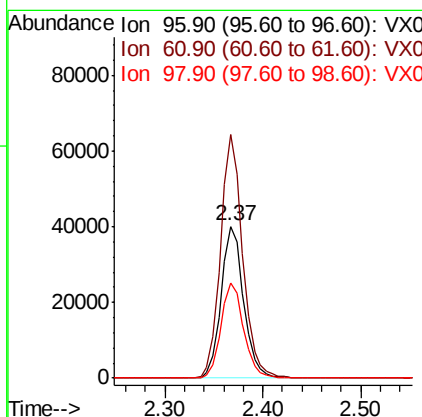
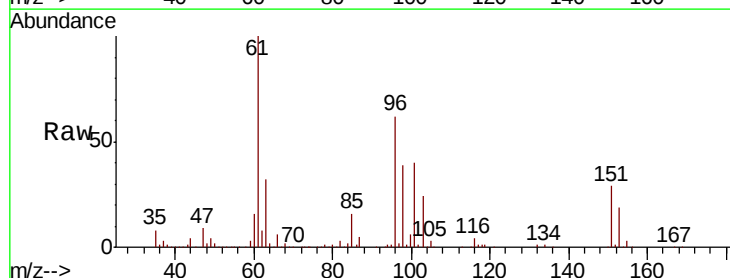
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

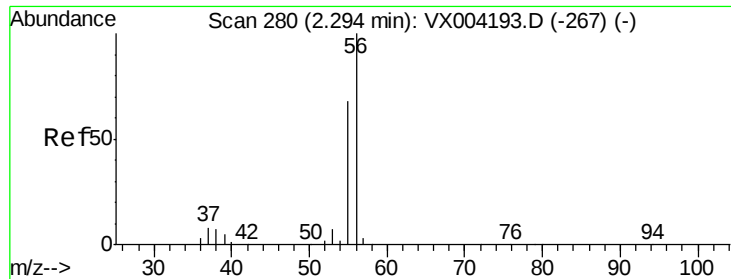
Tot Ion: 59 Resp: 97557
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.90 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 96 Resp: 64133
Ion Ratio Lower Upper
96 100
61 160.5 128.8 193.2
98 63.1 52.2 78.2





#13

Acrolein

Concen: 107.69 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

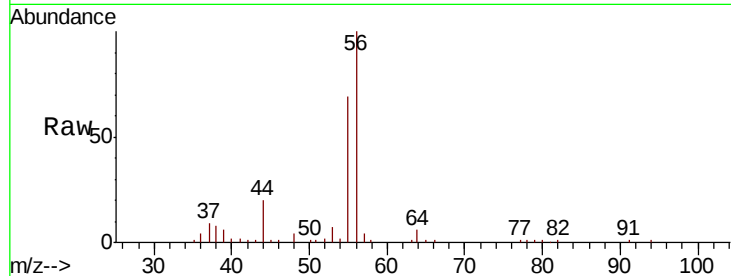
VX0904MBS01

Tot Ion: 56 Resp: 21949

Ion Ratio Lower Upper

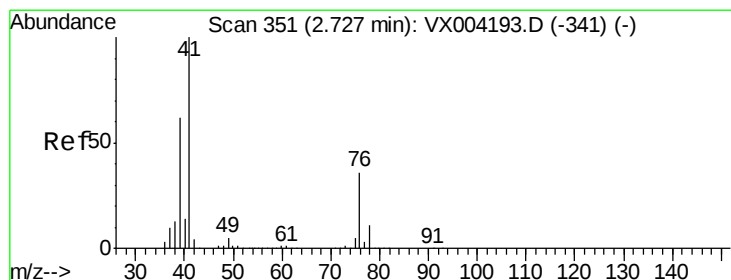
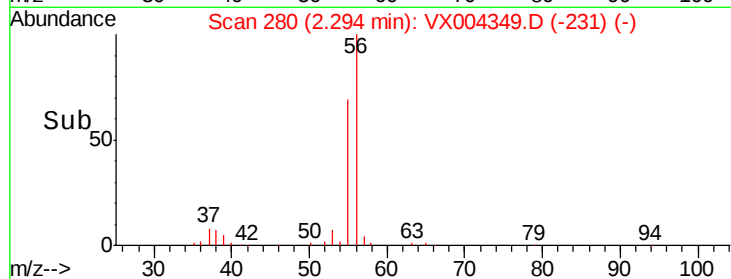
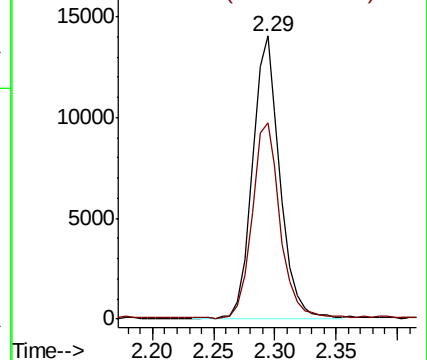
56 100

55 71.6 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.24 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

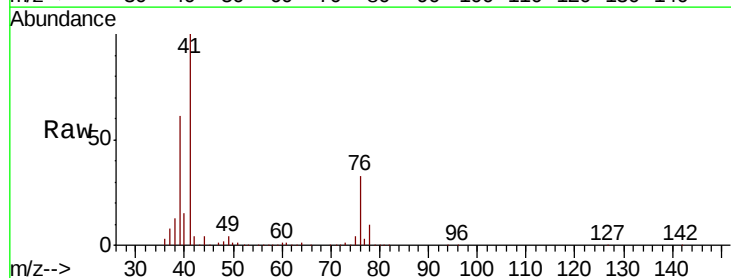
Tgt Ion: 41 Resp: 125777

Ion Ratio Lower Upper

41 100

39 58.4 48.9 73.3

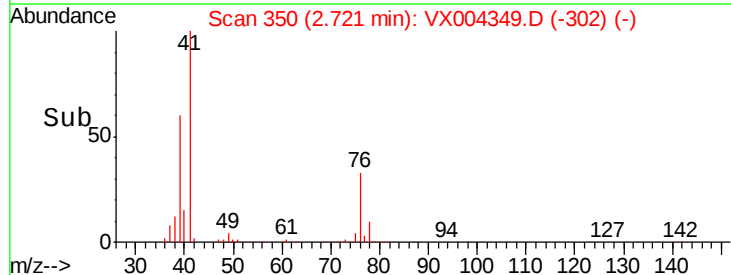
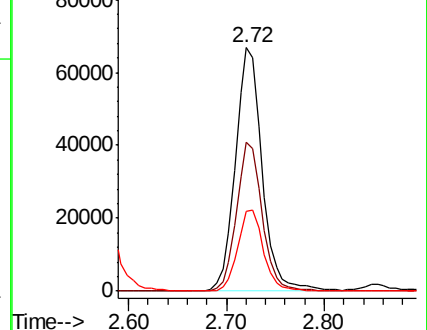
76 32.4 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 109.83 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

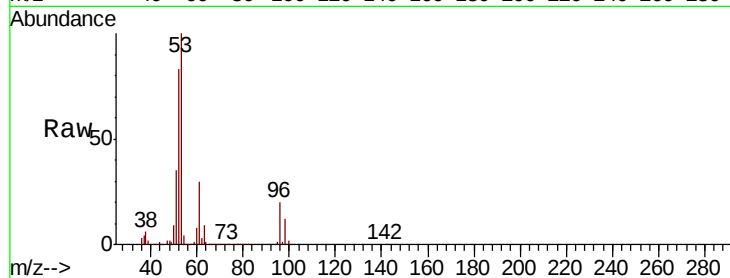
Tot Ion: 53 Resp: 229943

Ion Ratio Lower Upper

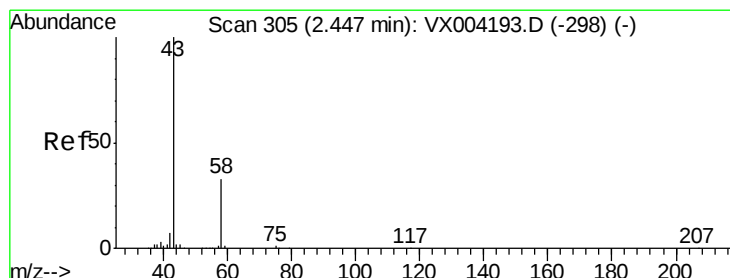
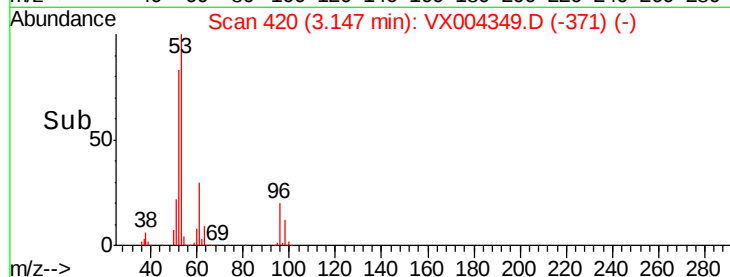
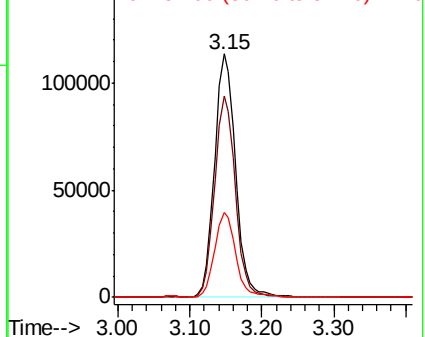
53 100

52 81.4 65.2 97.8

51 35.0 28.2 42.2



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



#16

Acetone

Concen: 118.08 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004349.D

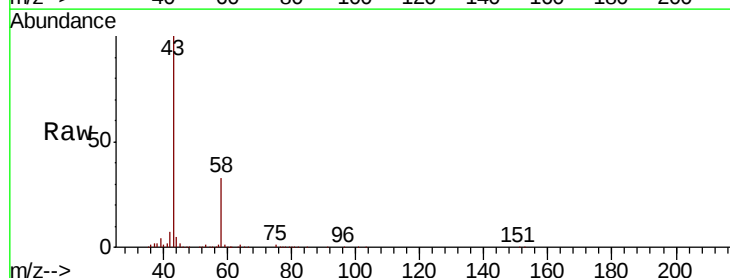
Acq: 04 Sep 2018 16:12

Tgt Ion: 43 Resp: 198053

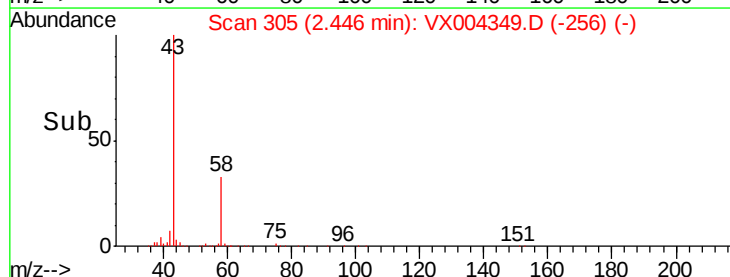
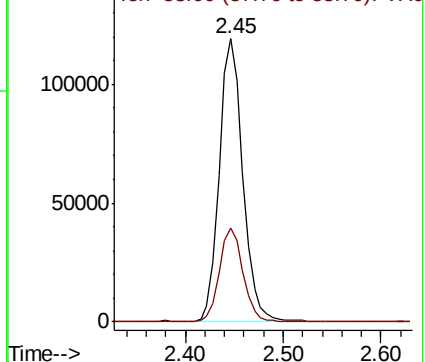
Ion Ratio Lower Upper

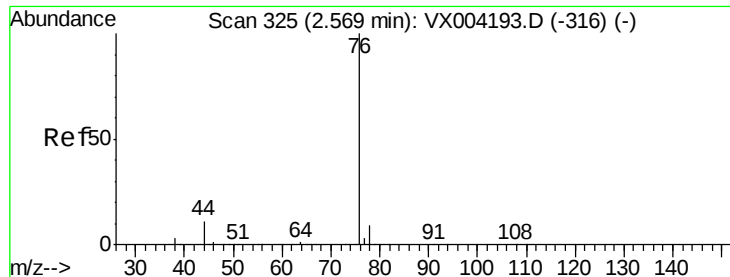
43 100

58 33.0 26.2 39.4



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

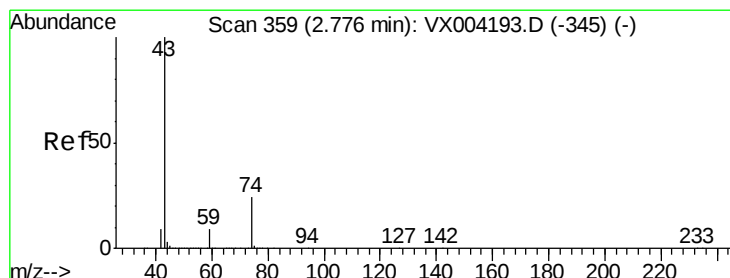
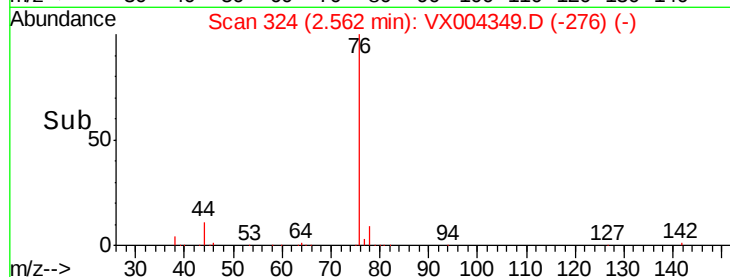
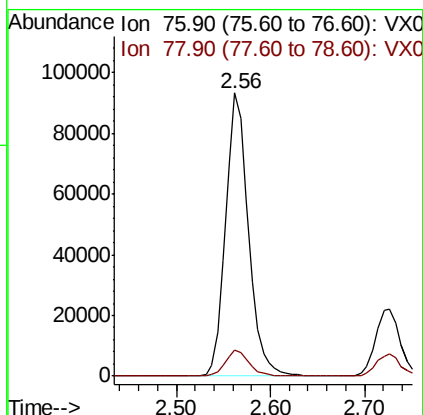
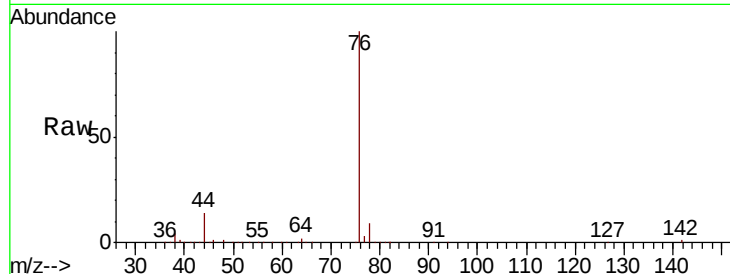




#17
Carbon Disulfide
Concen: 18.10 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

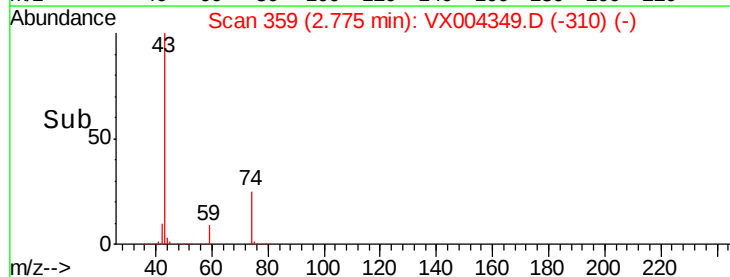
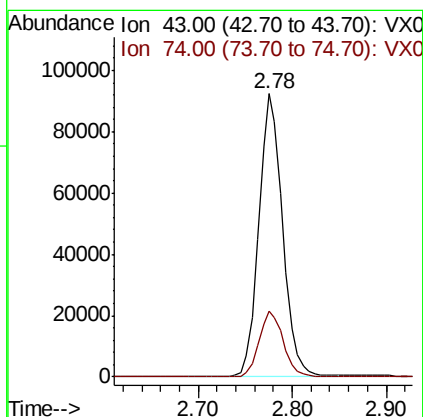
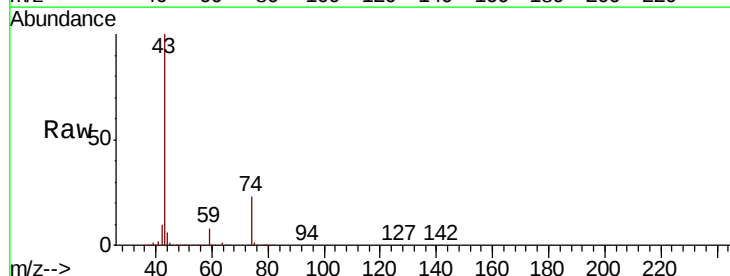
Instrument :
MSVOA_X
ClientSampled :
VX0904MBS01

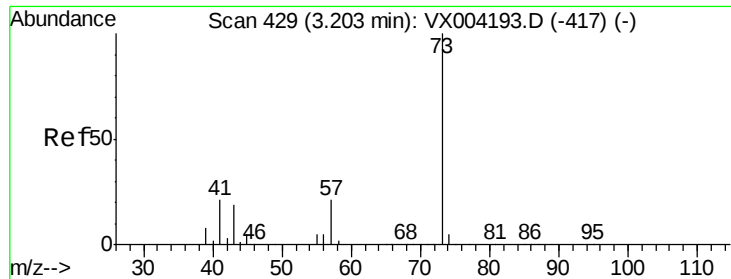
Tot Ion: 76 Resp: 157415
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 27.87 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 43 Resp: 164001
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

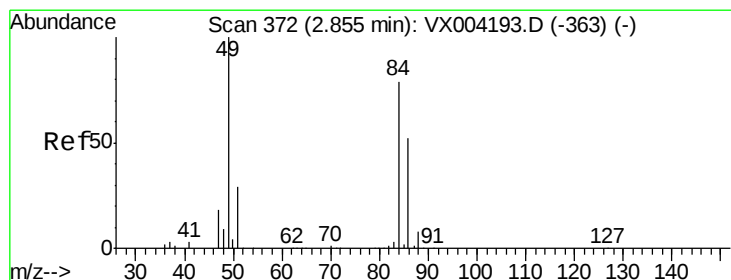
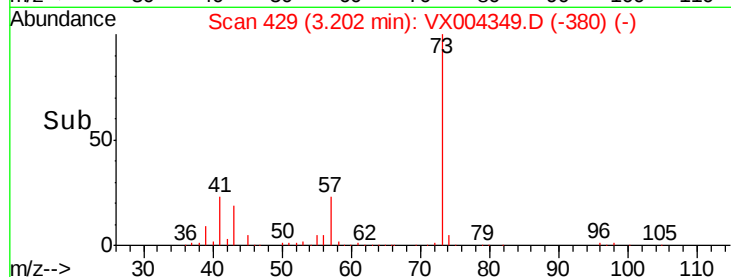
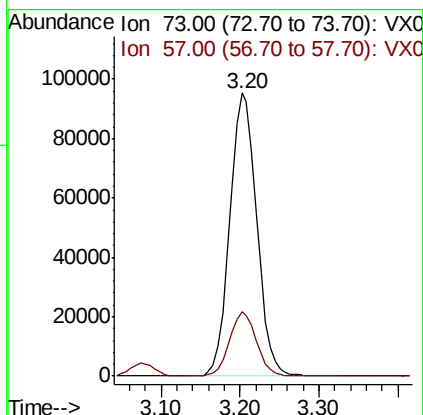
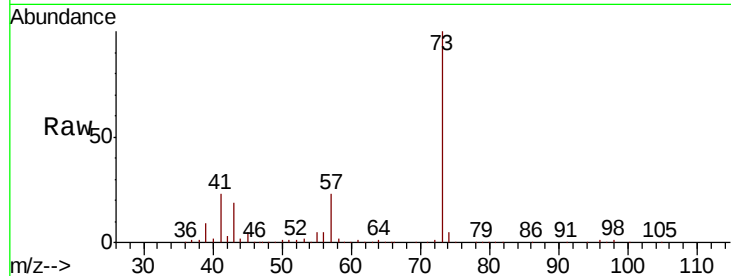




#19
Methyl tert-butyl Ether
Concen: 21.27 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

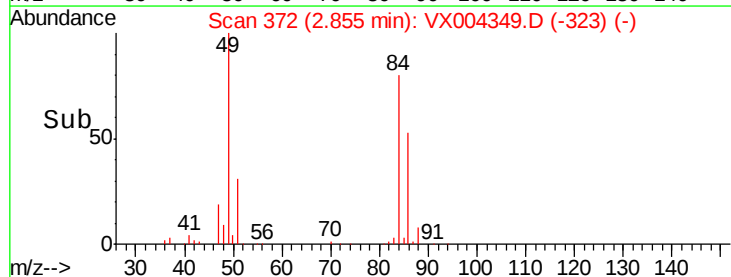
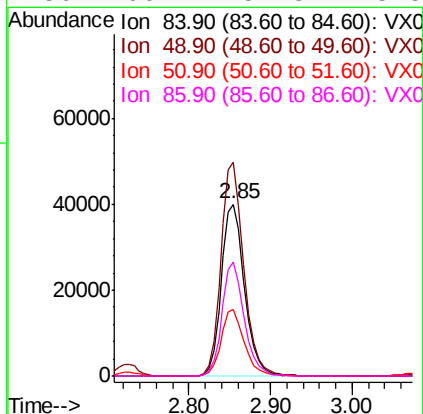
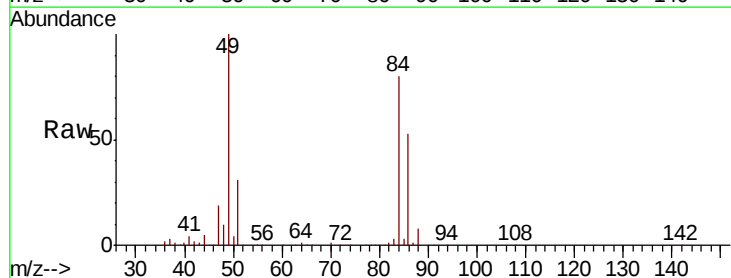
Instrument :
MSVOA_X
ClientSampled :
VX0904MBS01

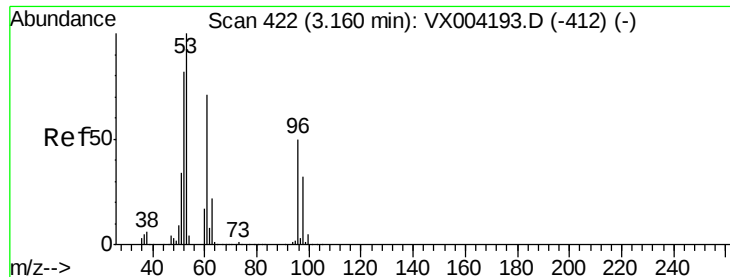
Tot Ion: 73 Resp: 225913
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



#20
Methylene Chloride
Concen: 20.55 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 84 Resp: 78447
Ion Ratio Lower Upper
84 100
49 124.3 101.2 151.8
51 38.6 29.5 44.3
86 66.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.41 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

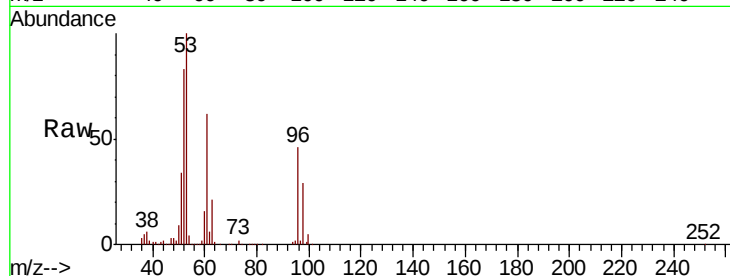
Tot Ion: 96 Resp: 69239

Ion Ratio Lower Upper

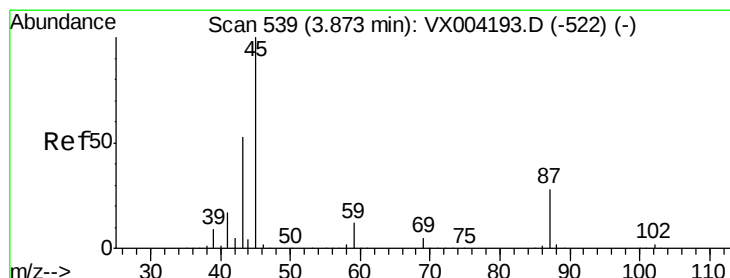
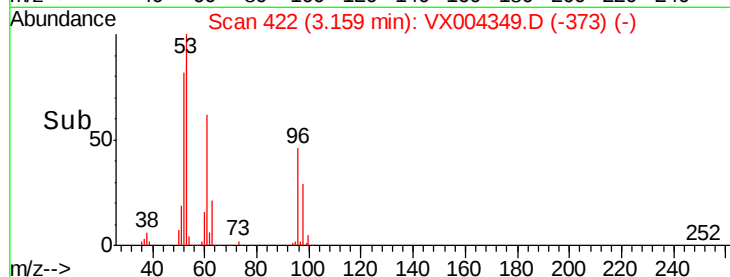
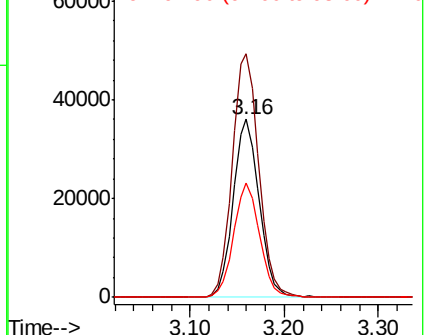
96 100

61 136.7 113.8 170.6

98 64.3 51.8 77.8



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: 20.73 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Tgt Ion: 45 Resp: 229184

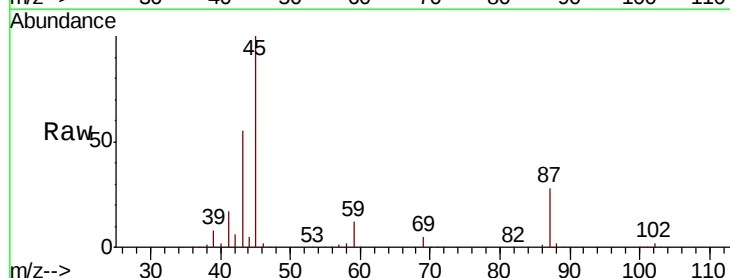
Ion Ratio Lower Upper

45 100

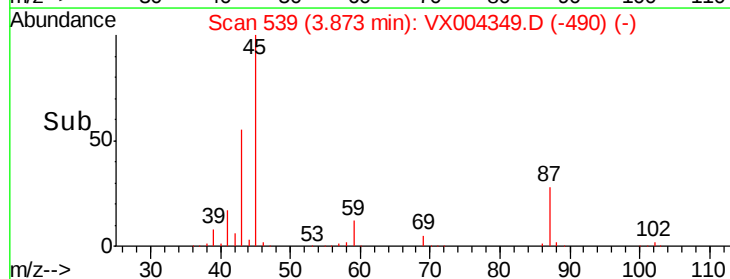
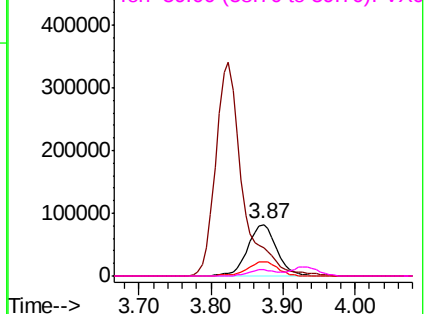
43 54.4 42.8 64.2

87 28.1 22.6 34.0

59 11.9 9.6 14.4



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: 98.66 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

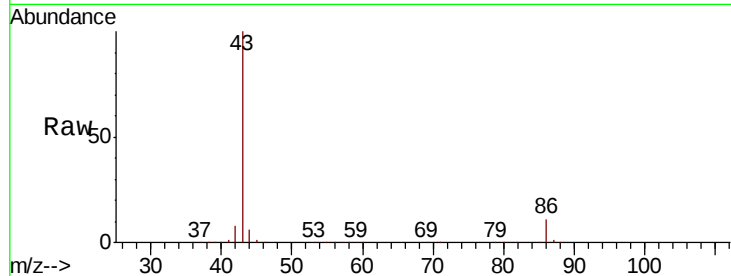
VX0904MBS01

Tot Ion: 43 Resp: 884214

Ion Ratio Lower Upper

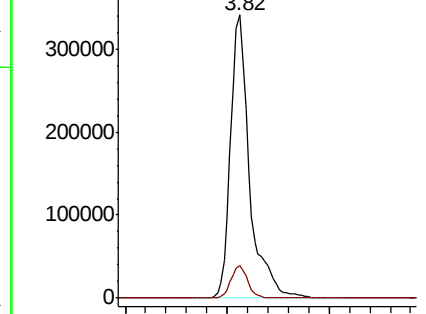
43 100

86 11.4 8.9 13.3

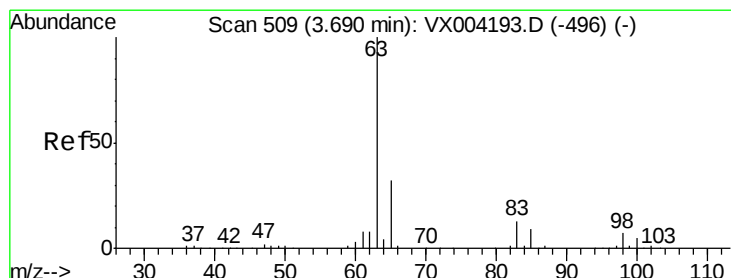
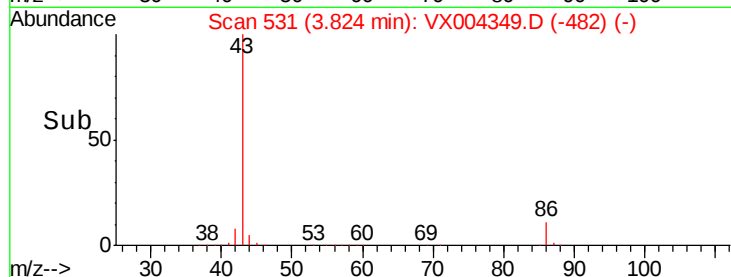


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 21.34 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

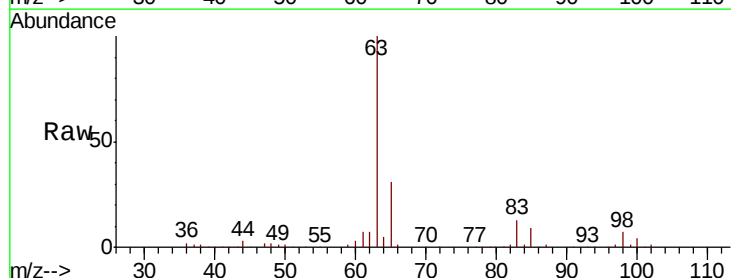
Tgt Ion: 63 Resp: 137495

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

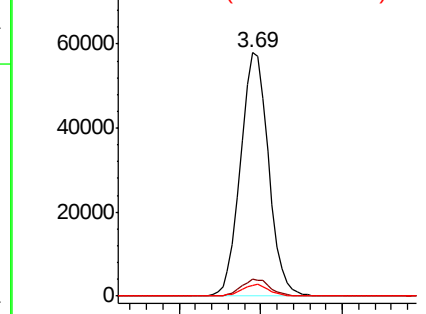
100 4.5 2.4 7.1



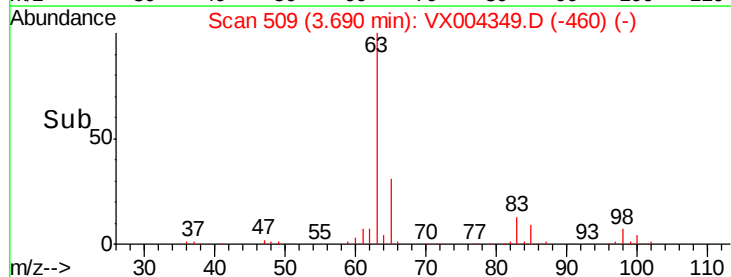
Abundance Ion 62.90 (62.60 to 63.60): VX0

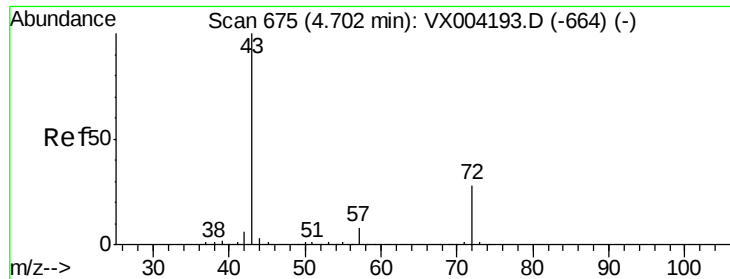
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 110.91 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

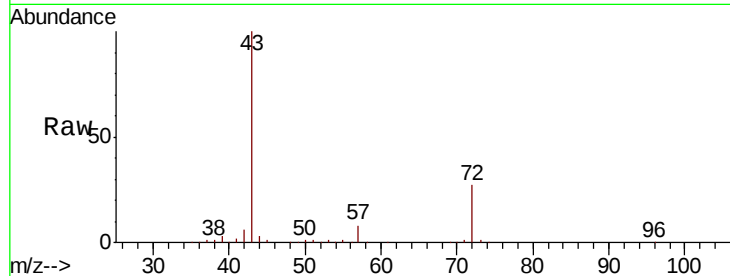
VX0904MBS01

Tot Ion: 43 Resp: 298934

Ion Ratio Lower Upper

43 100

72 26.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

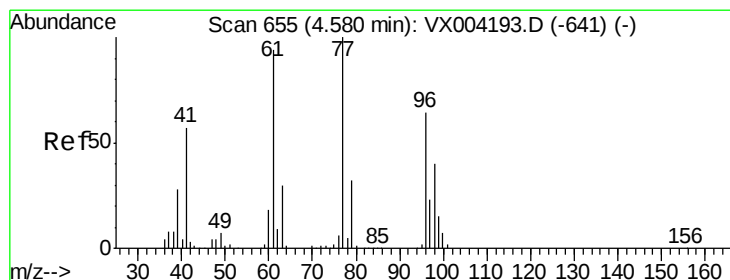
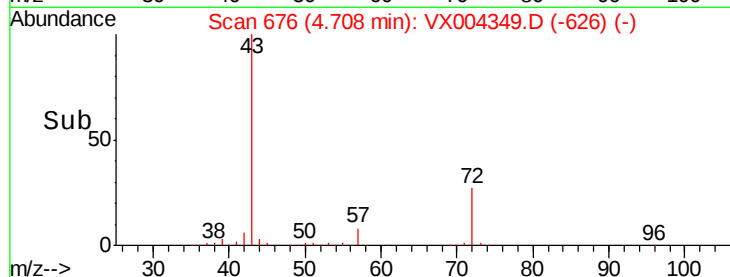
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.80 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004349.D

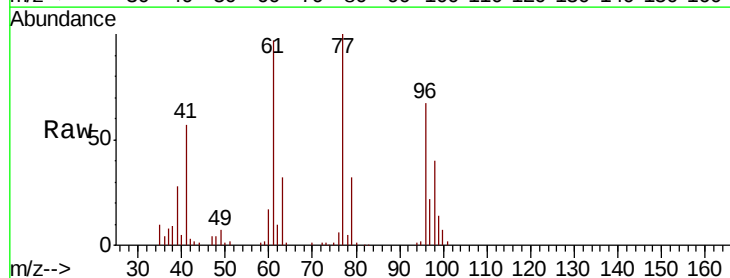
Acq: 04 Sep 2018 16:12

Tgt Ion: 77 Resp: 100064

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

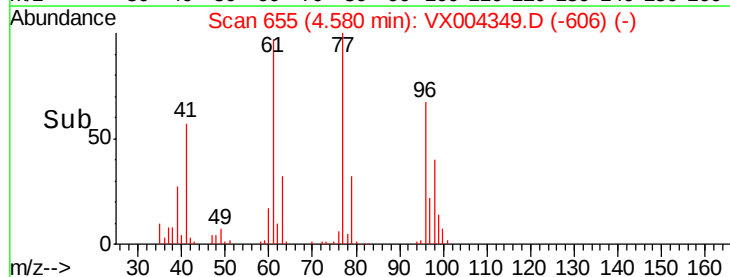
20000

10000

0

4.40 4.50 4.60 4.70

Time-->



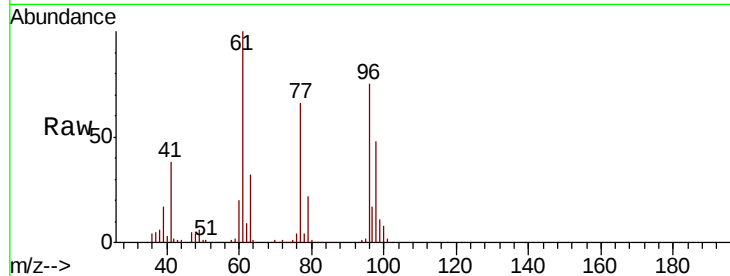


#27

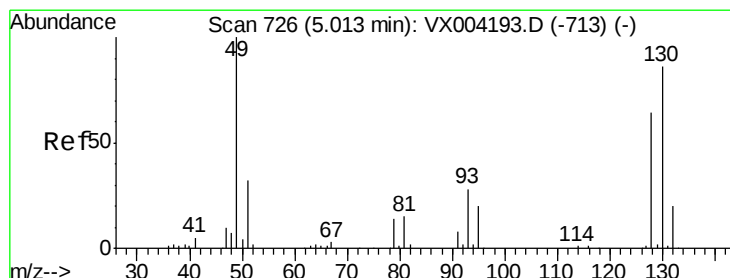
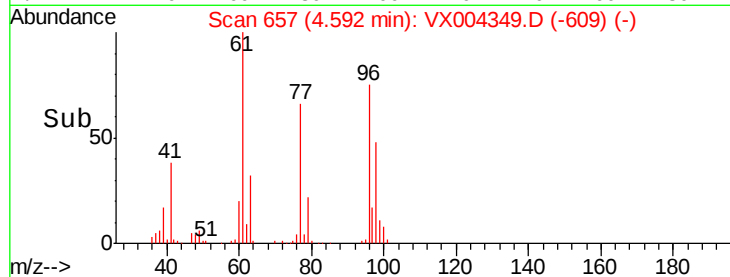
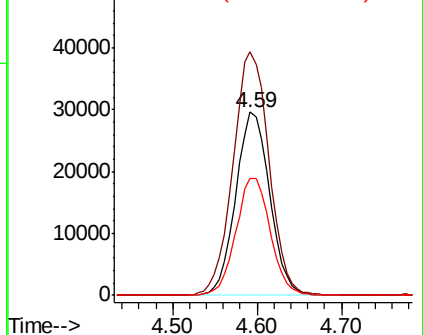
cis-1,2-Dichloroethene
 Concen: 19.98 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0904MBS01

Tot Ion	96	Resp	80835
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	282.6
98	64.7	0.0	130.2



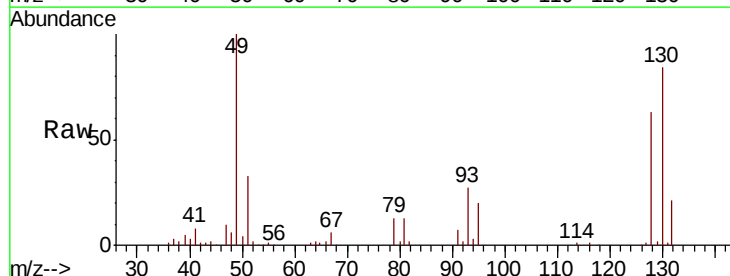
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



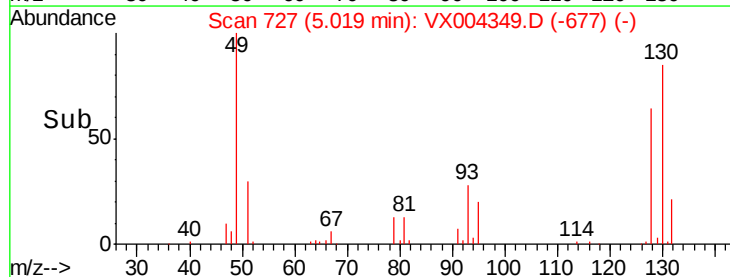
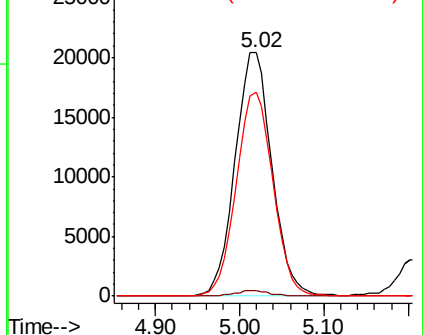
#28

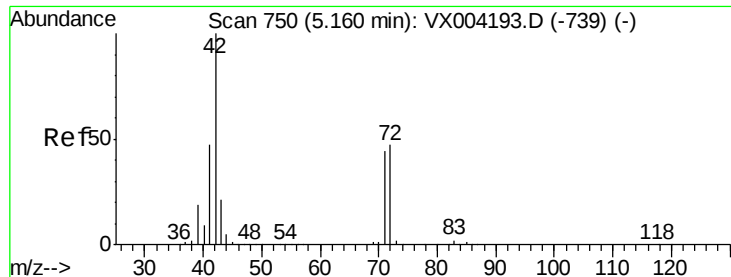
Bromochloromethane
 Concen: 21.16 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion	49	Resp	60370
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.7	67.5	101.3



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

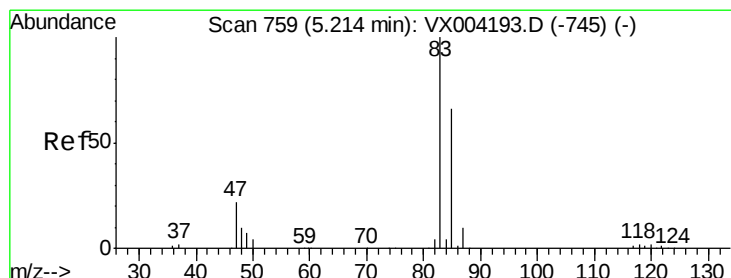
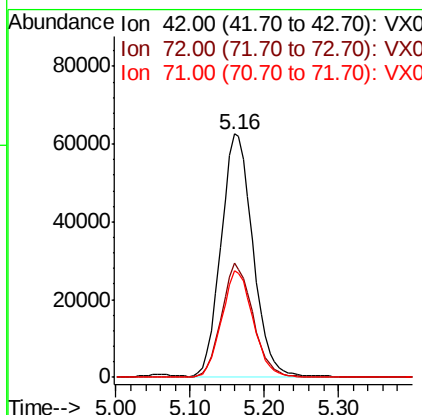
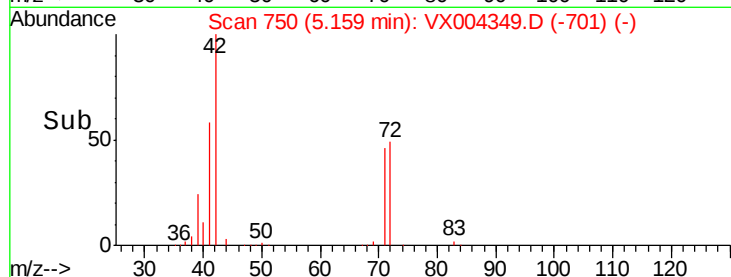
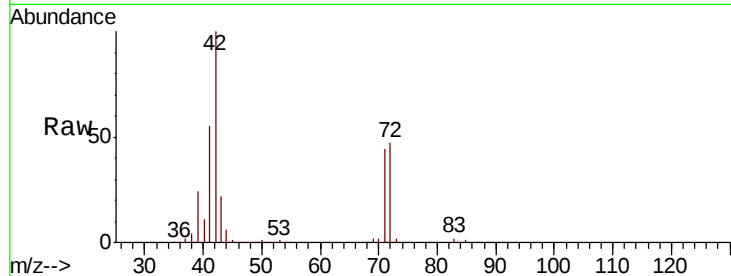




#29
Tetrahydrofuran
Concen: 109.28 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

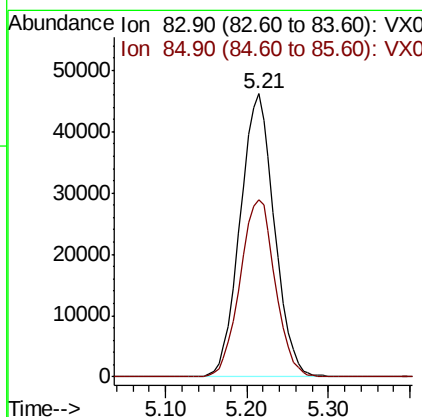
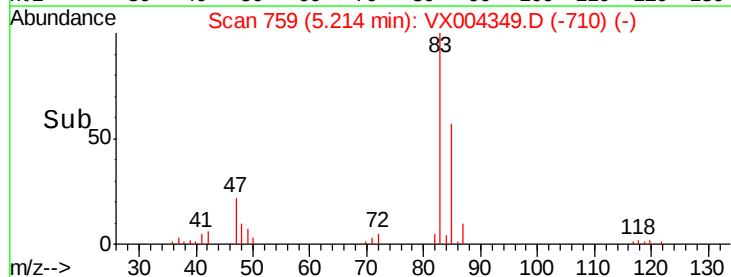
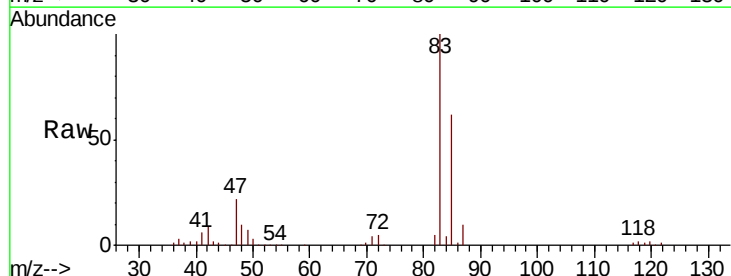
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

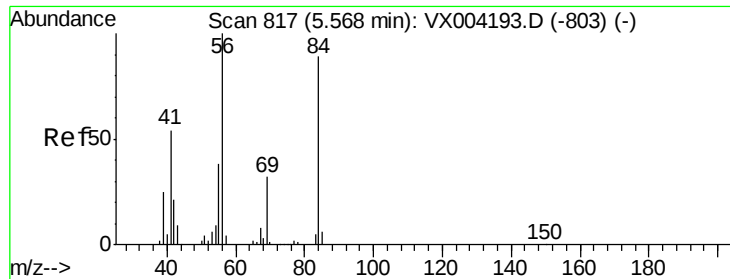
Tot Ion: 42 Resp: 186211
Ion Ratio Lower Upper
42 100
72 46.5 37.4 56.0
71 43.5 34.5 51.7



#30
Chloroform
Concen: 20.87 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 83 Resp: 134823
Ion Ratio Lower Upper
83 100
85 62.4 52.6 79.0

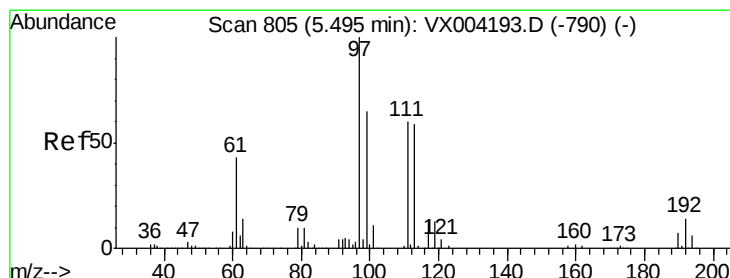
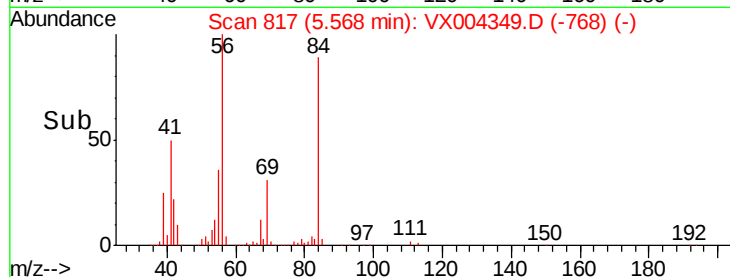
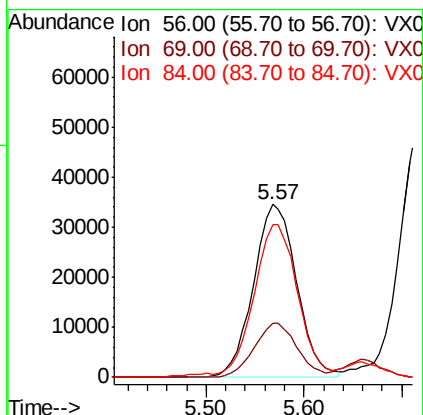
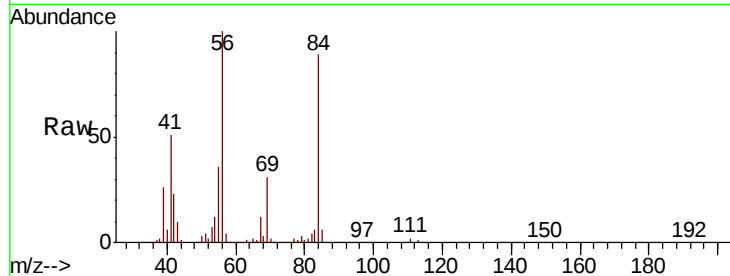




#31
Cyclohexane
Concen: 19.15 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

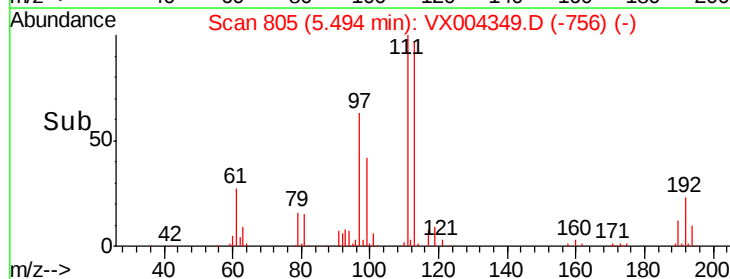
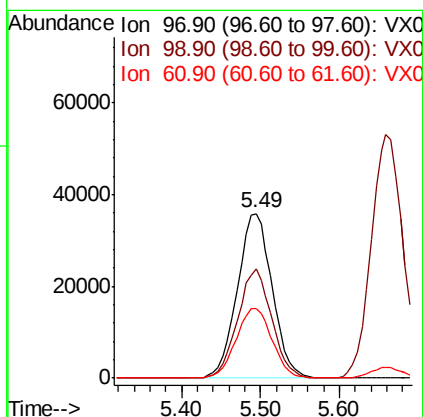
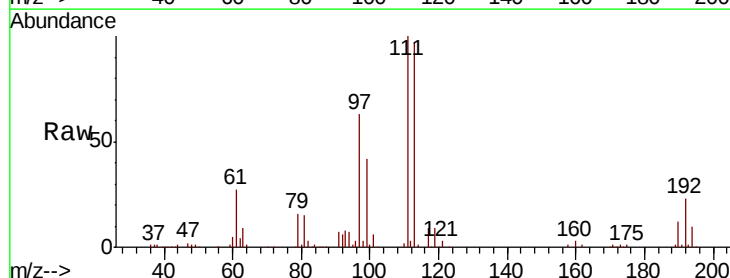
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

Tot Ion: 56 Resp: 106461
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.2
84 87.3 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 20.42 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 97 Resp: 110009
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 43.9 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 48.50 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

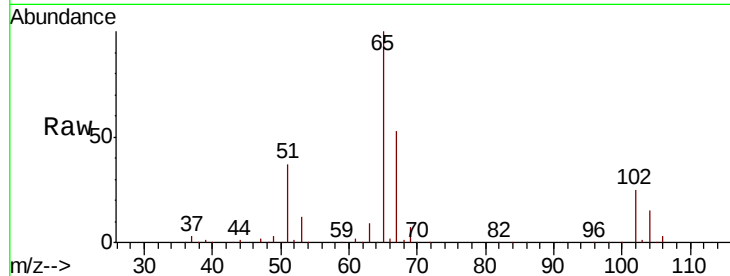
VX0904MBS01

Tot Ion: 65 Resp: 192361

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

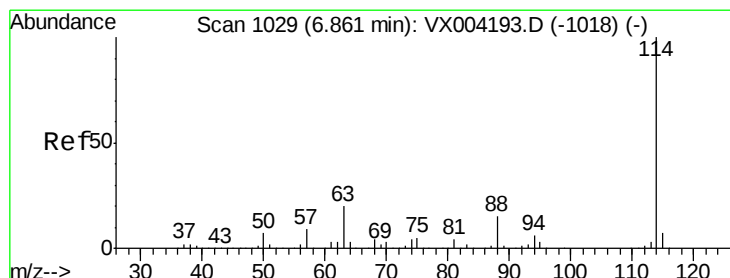
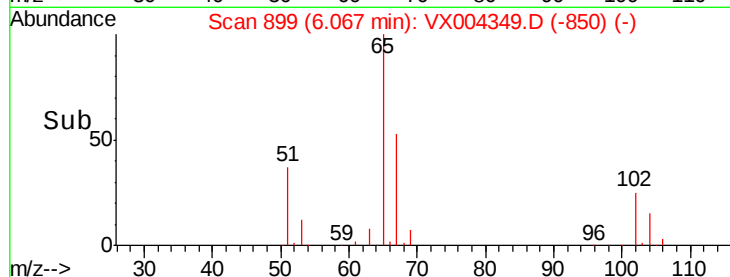
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

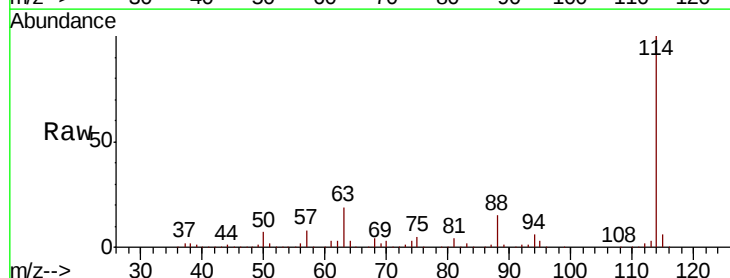
Tgt Ion: 114 Resp: 439420

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

88 15.0 0.0 30.4



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

250000

200000

150000

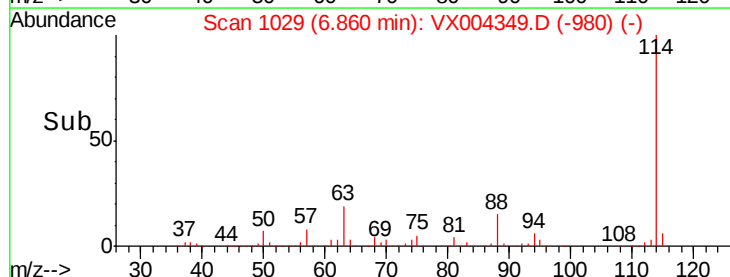
100000

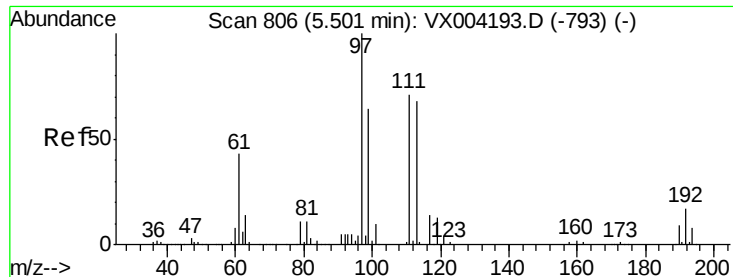
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.97 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

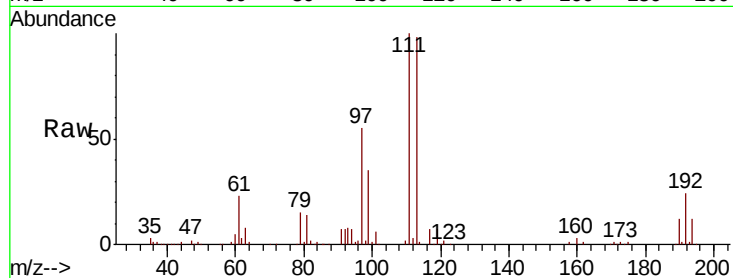
Tot Ion:113 Resp: 166622

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

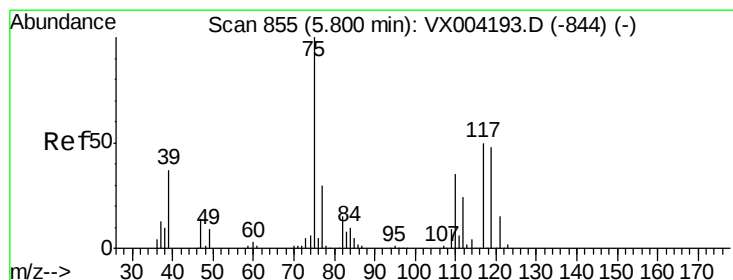
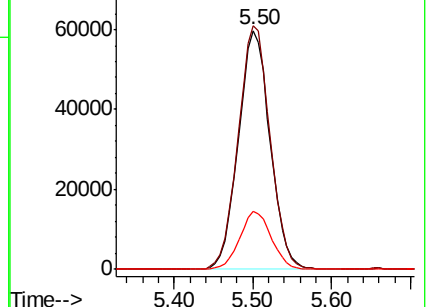
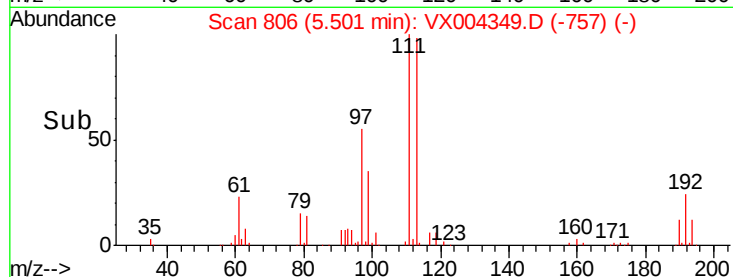
192 24.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.31 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

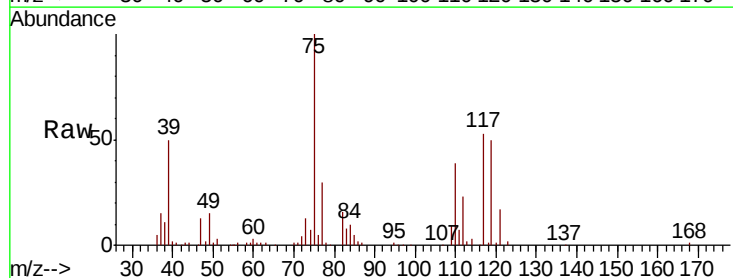
Tgt Ion: 75 Resp: 95398

Ion Ratio Lower Upper

75 100

110 37.5 18.0 54.0

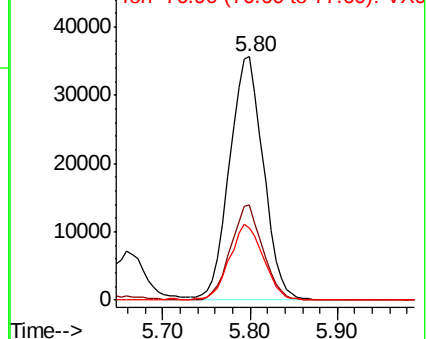
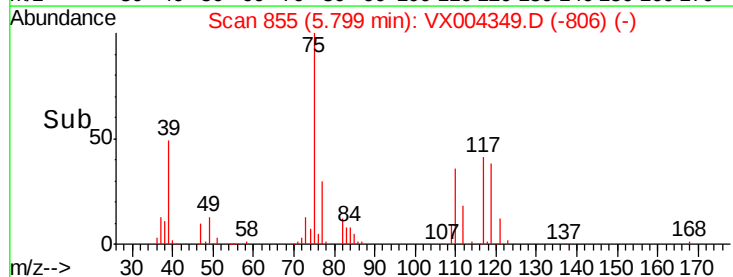
77 31.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

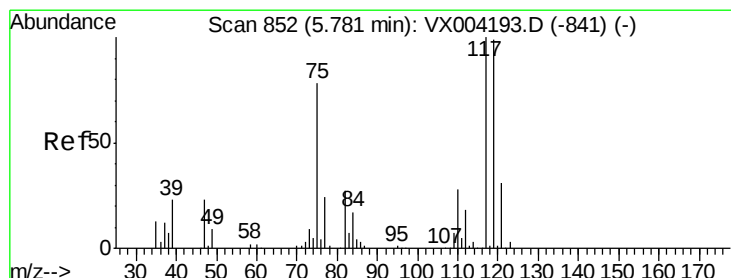
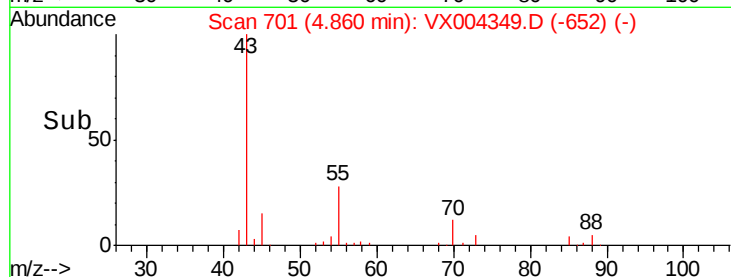
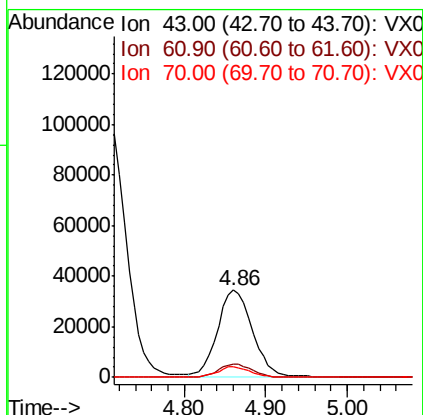
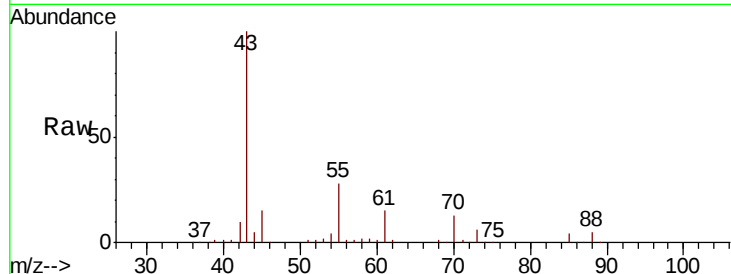




#37
Ethyl Acetate
Concen: 20.93 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

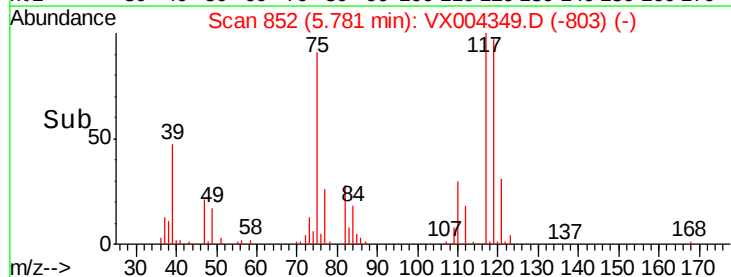
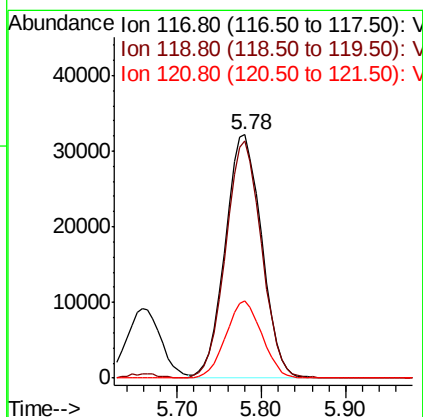
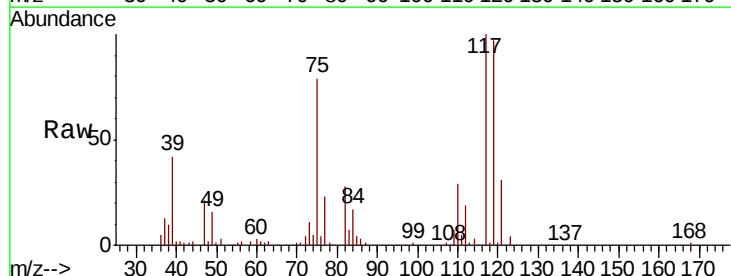
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

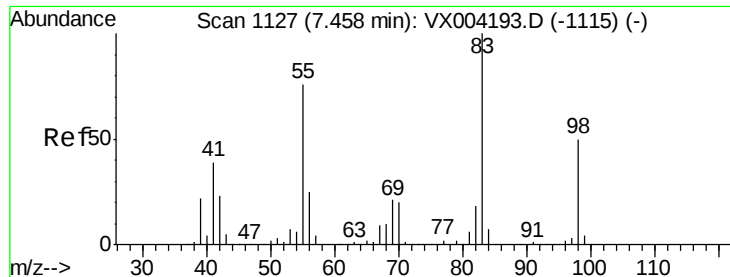
Tot Ion: 43 Resp: 101675
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 20.40 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 117 Resp: 94785
Ion Ratio Lower Upper
117 100
119 97.2 78.8 118.2
121 31.5 24.9 37.3

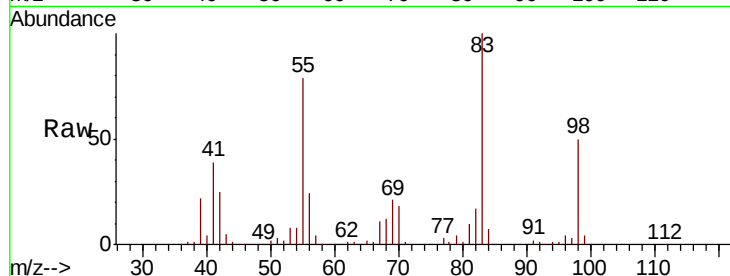




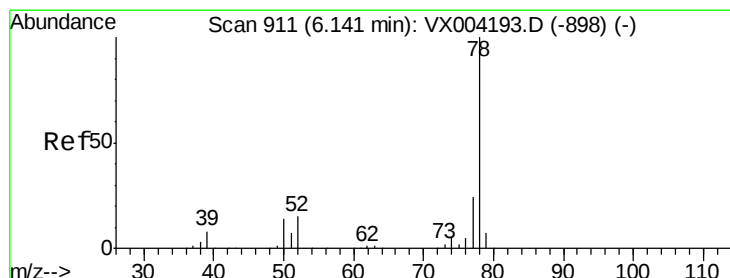
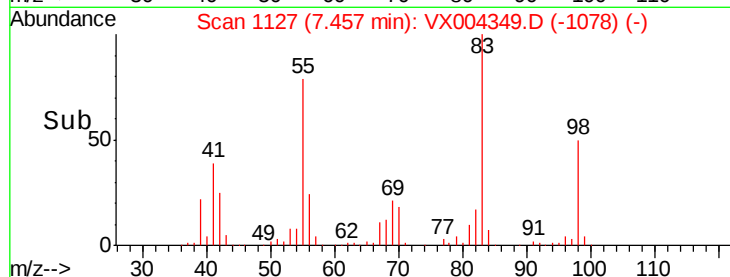
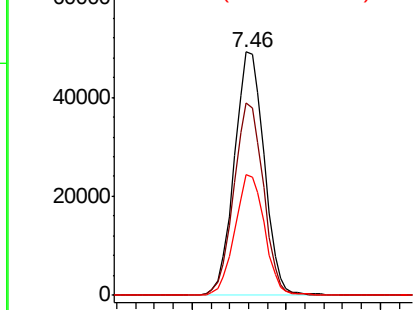
#39
Methvlcvclohexane
Concen: 19.21 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

Tot Ion: 83 Resp: 108376
Ion Ratio Lower Upper
83 100
55 78.9 61.0 91.4
98 49.7 39.6 59.4

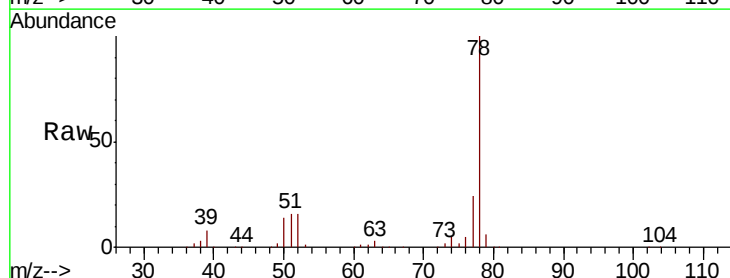


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

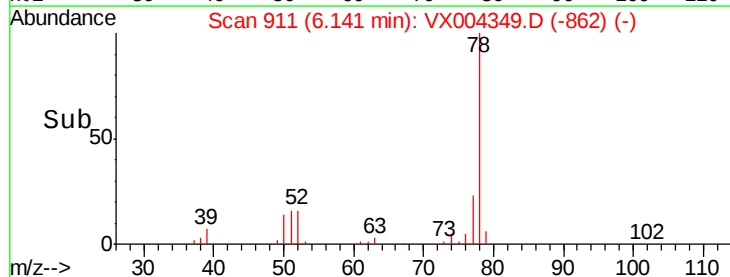
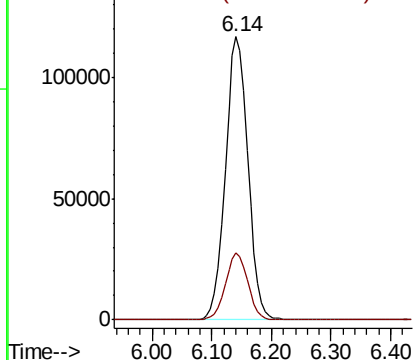


#40
Benzene
Concen: 20.72 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 78 Resp: 305825
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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

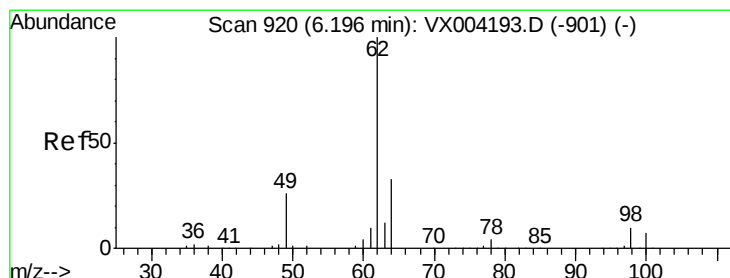
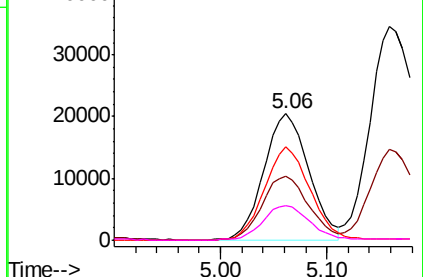
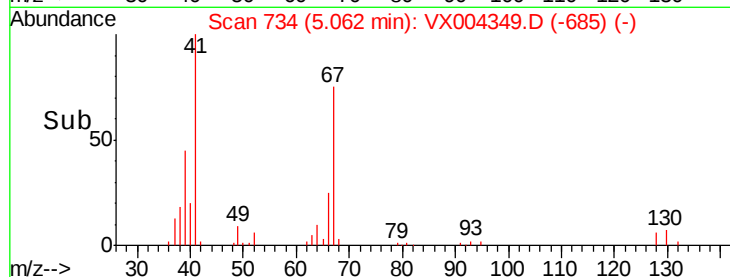
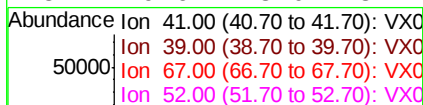
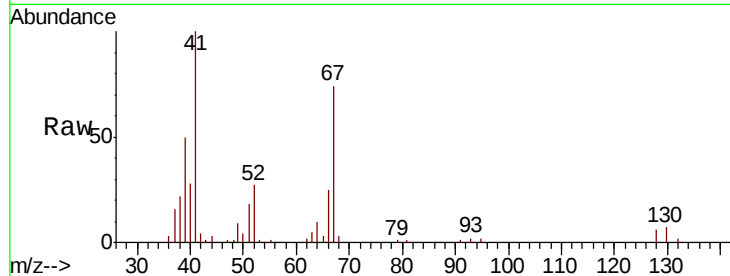




#41
Methacrylonitrile
Concen: 21.38 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

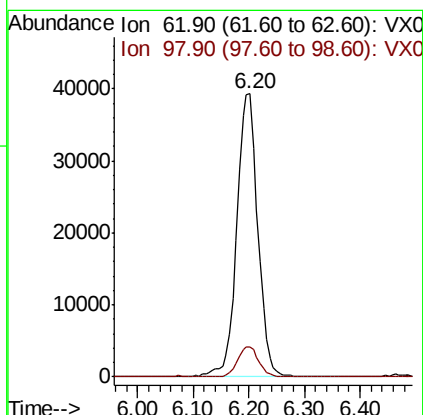
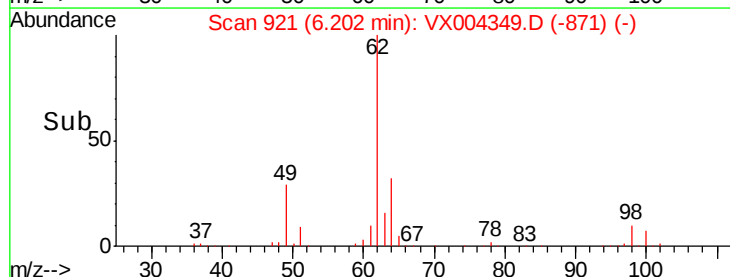
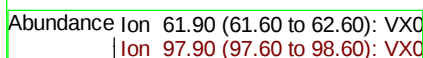
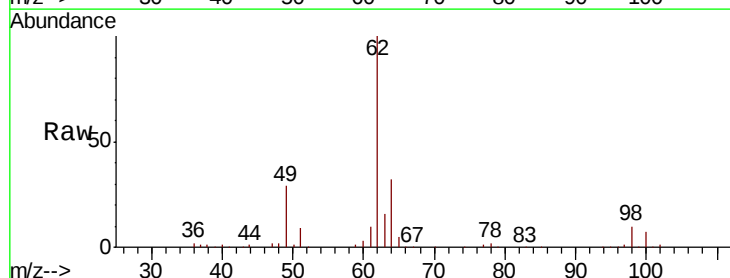
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

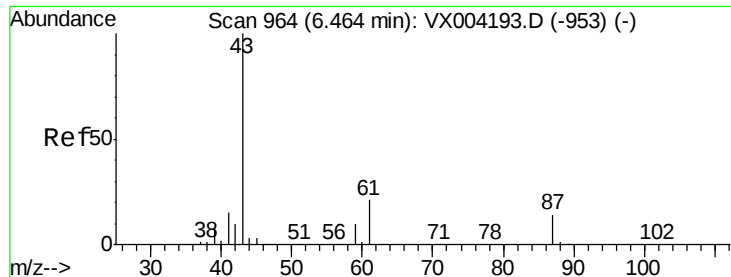
Tot Ion:	41	Resp:	60201
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.4	63.6
67	74.7	59.2	88.8
52	29.6	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.46 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion:	62	Resp:	103037
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.17 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

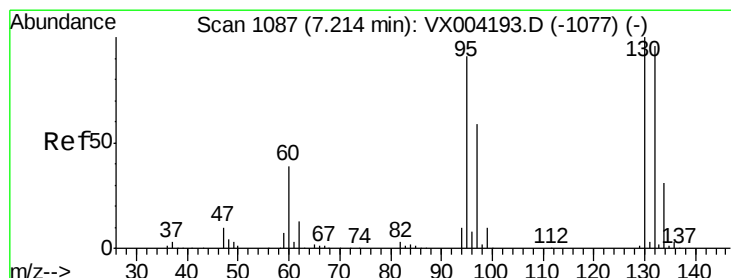
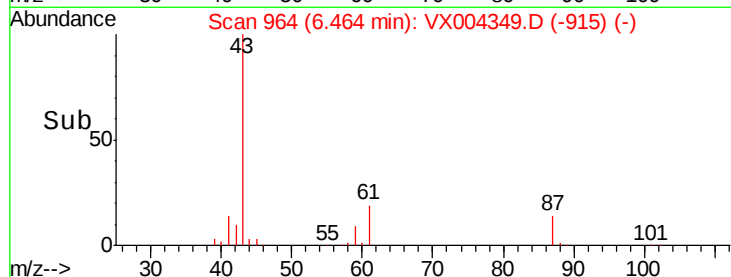
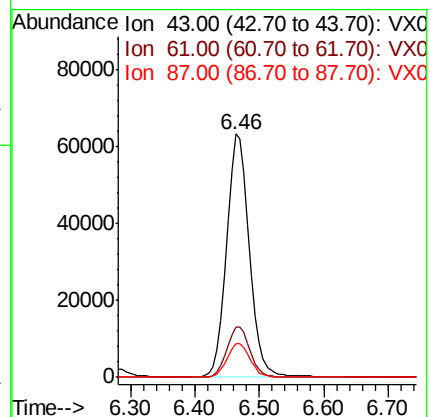
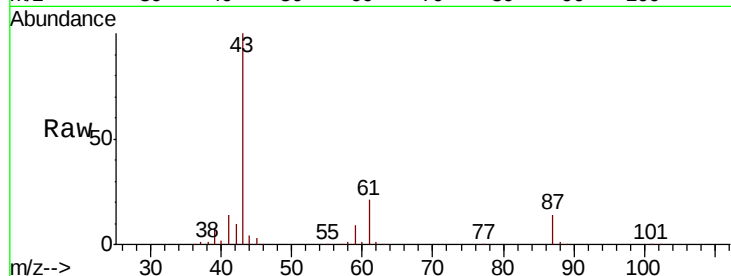
Tot Ion: 43 Resp: 158028

Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

87 14.1 11.4 17.2



#44

Trichloroethene

Concen: 19.78 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004349.D

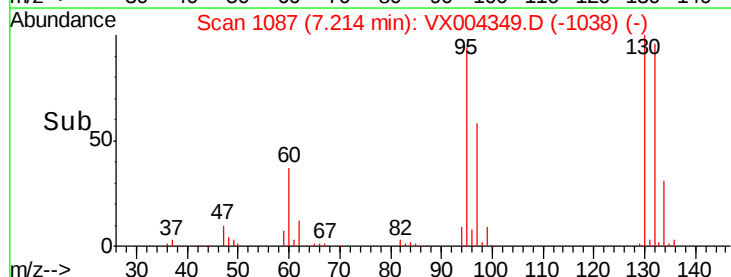
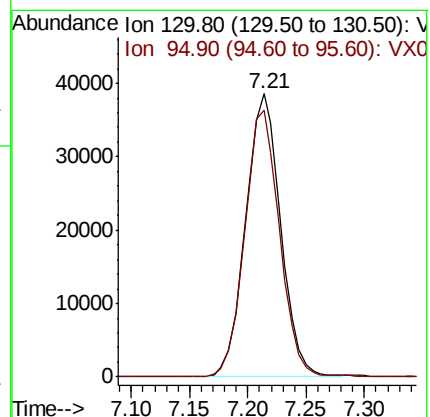
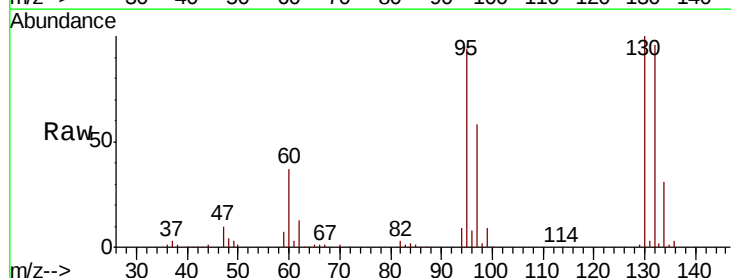
Acq: 04 Sep 2018 16:12

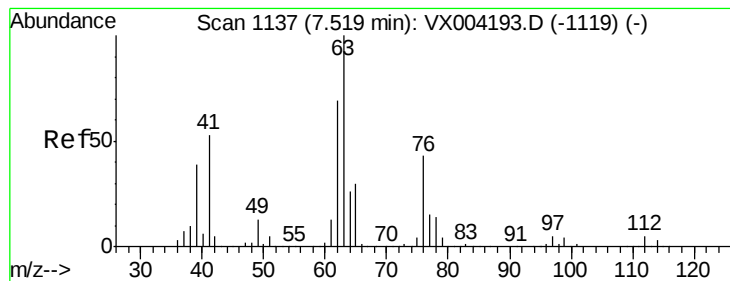
Tgt Ion:130 Resp: 80803

Ion Ratio Lower Upper

130 100

95 94.5 0.0 181.6





#45

1,2-Dichloropropane

Concen: 21.15 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

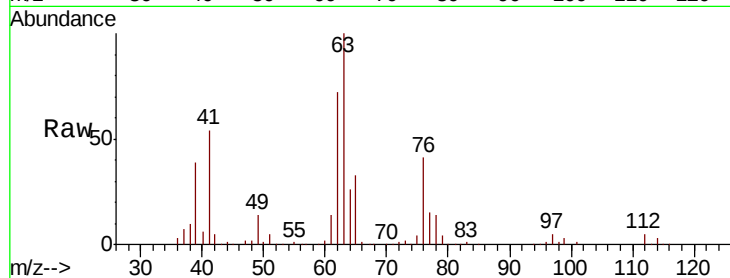
VX0904MBS01

Tot Ion: 63 Resp: 78121

Ion Ratio Lower Upper

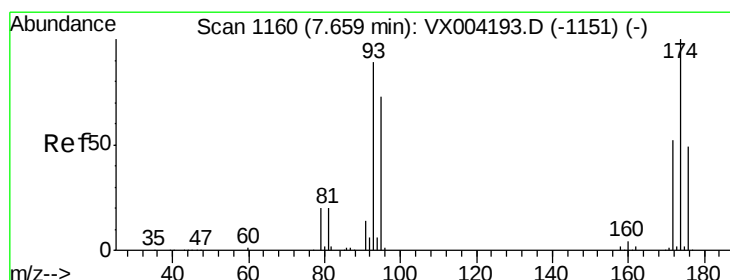
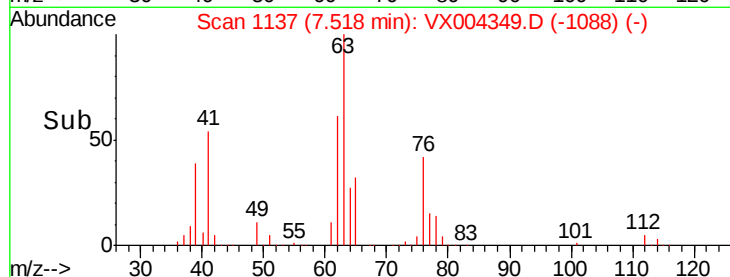
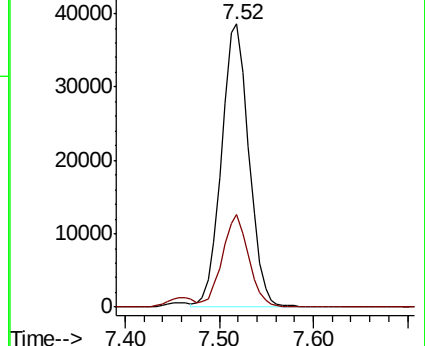
63 100

65 32.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.38 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

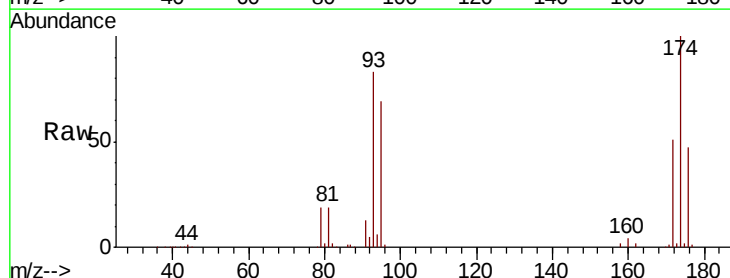
Tgt Ion: 93 Resp: 50130

Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

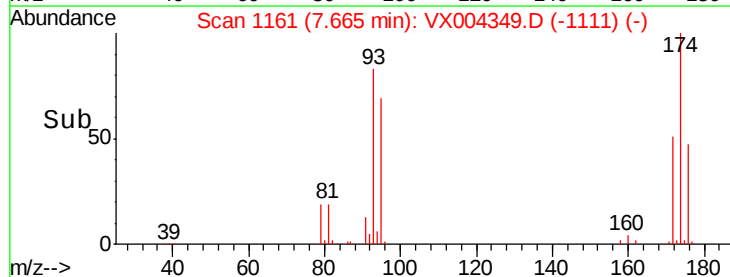
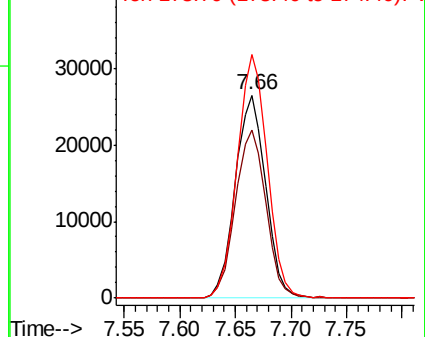
174 119.0 94.2 141.4



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: 20.86 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

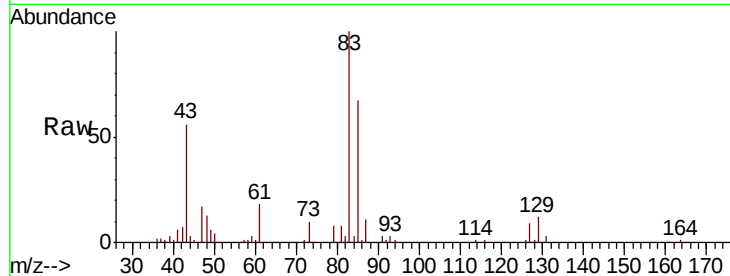
Tot Ion: 83 Resp: 95470

Ion Ratio Lower Upper

83 100

85 66.6 50.9 76.3

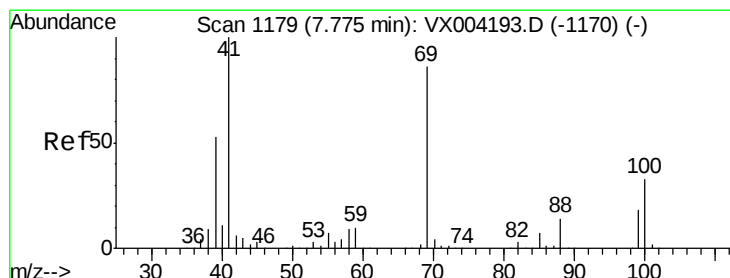
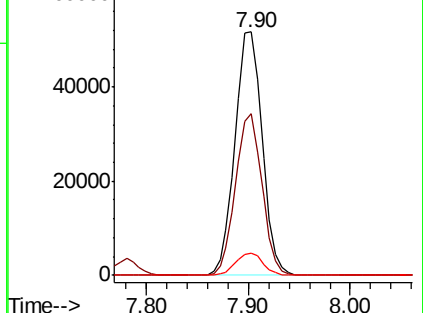
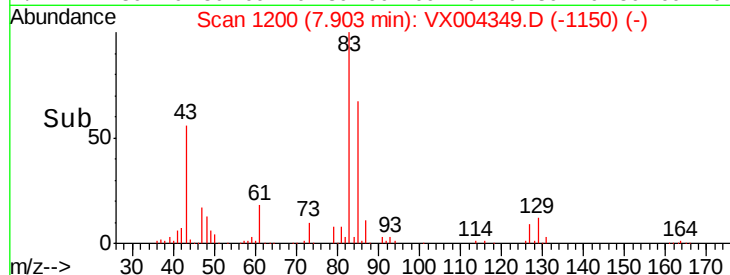
127 9.2 7.3 10.9



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: 21.02 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

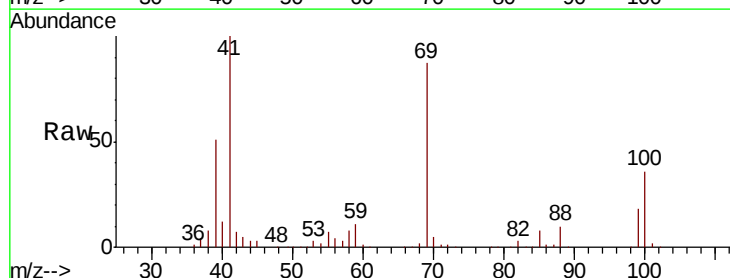
Tgt Ion: 41 Resp: 83972

Ion Ratio Lower Upper

41 100

69 88.1 70.2 105.4

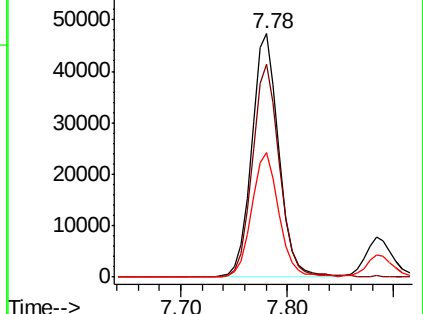
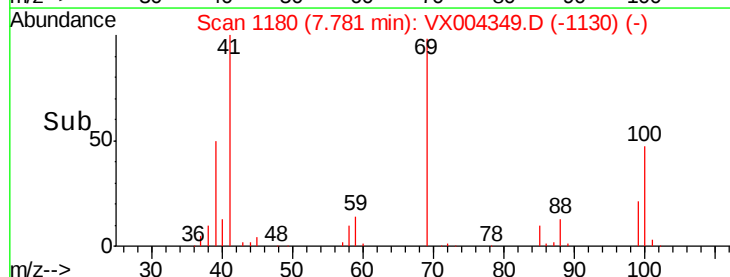
39 51.8 42.7 64.1

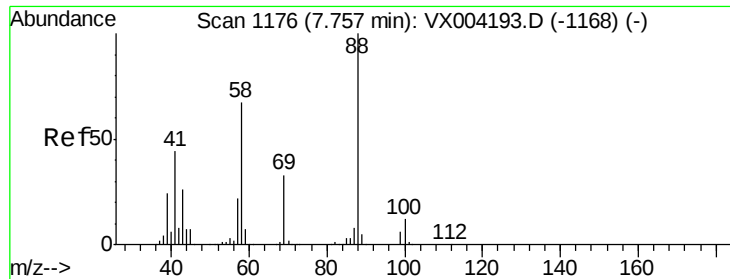


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 453.24 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

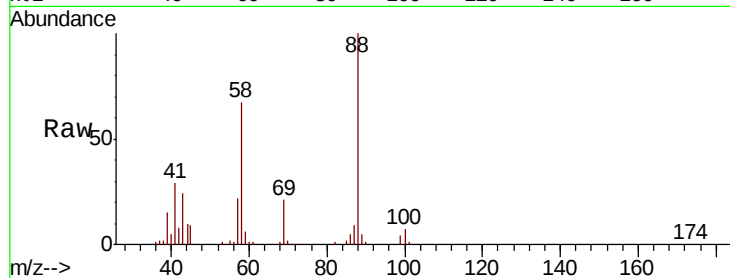
Tot Ion: 88 Resp: 41107

Ion Ratio Lower Upper

88 100

43 30.3 24.7 37.1

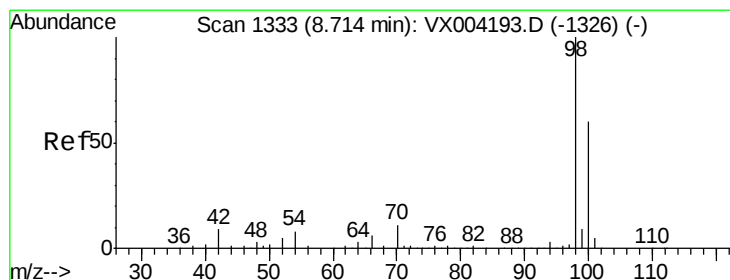
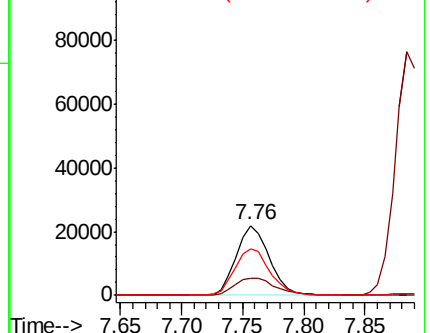
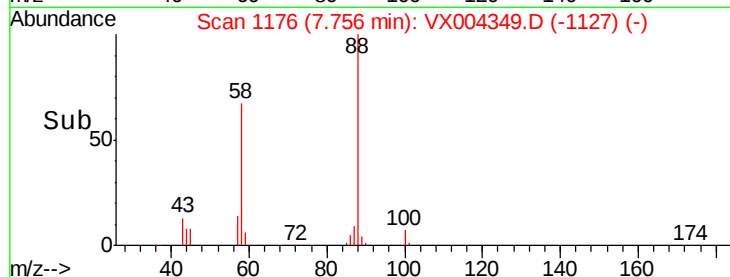
58 71.4 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.32 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004349.D

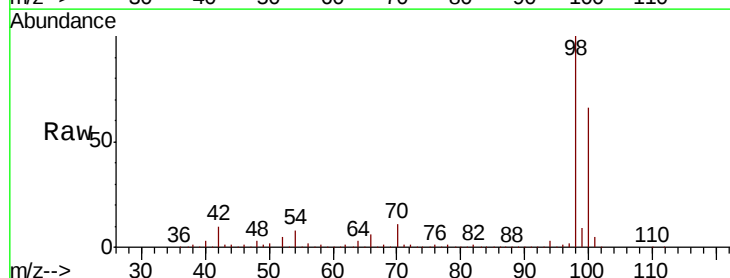
Acq: 04 Sep 2018 16:12

Tgt Ion: 98 Resp: 620964

Ion Ratio Lower Upper

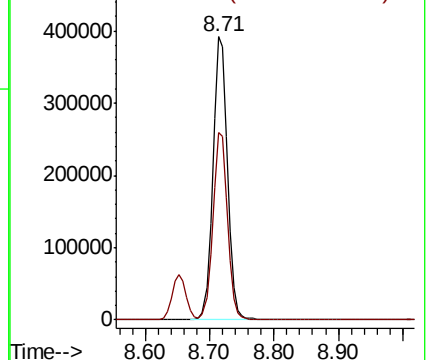
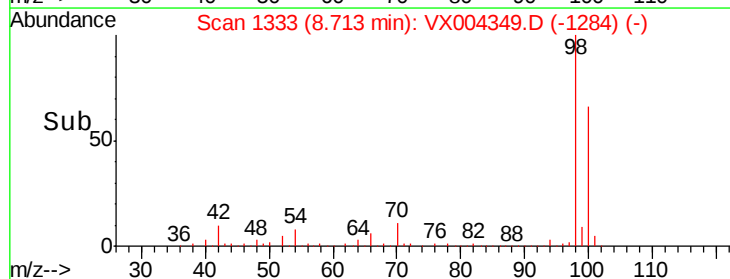
98 100

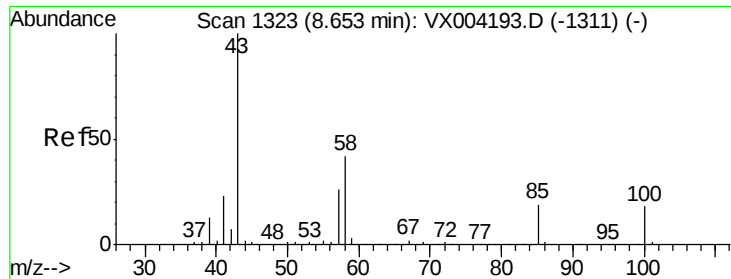
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 103.80 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

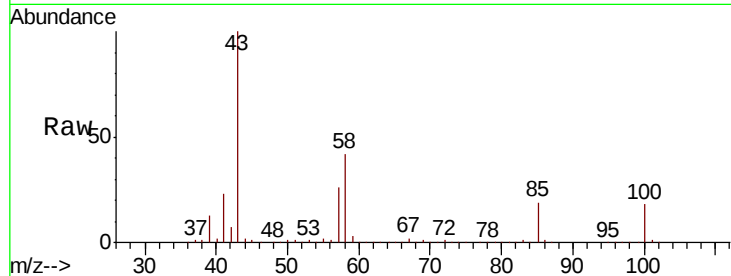
VX0904MBS01

Tot Ion: 43 Resp: 563048

Ion Ratio Lower Upper

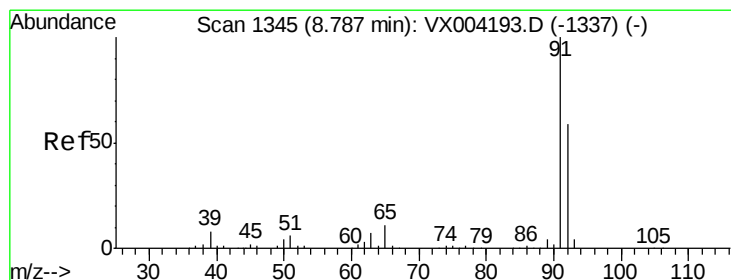
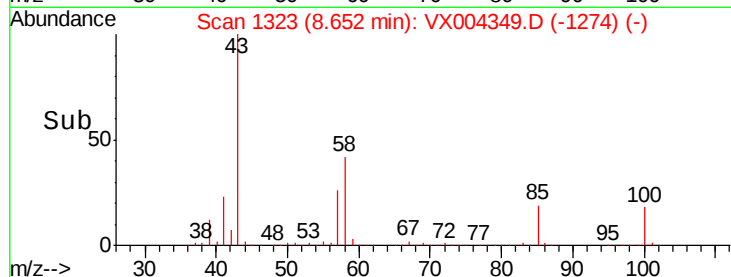
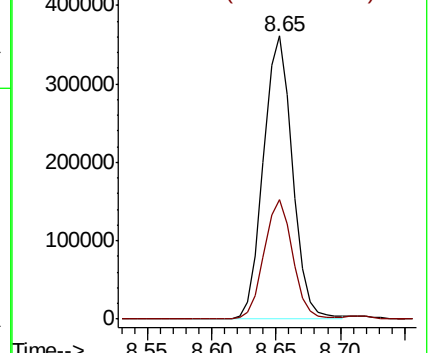
43 100

58 41.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.86 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004349.D

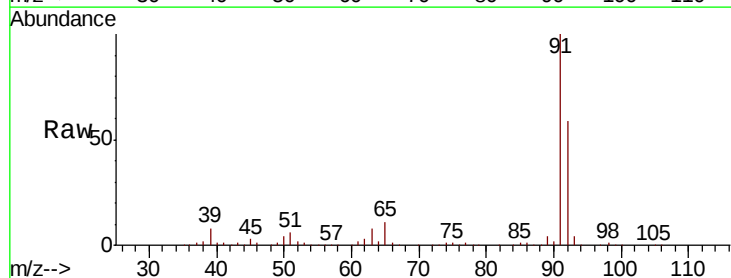
Acq: 04 Sep 2018 16:12

Tgt Ion: 92 Resp: 192729

Ion Ratio Lower Upper

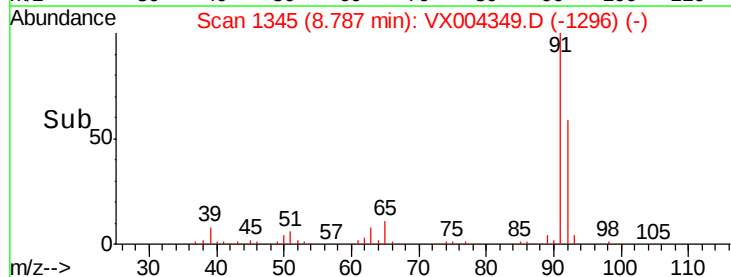
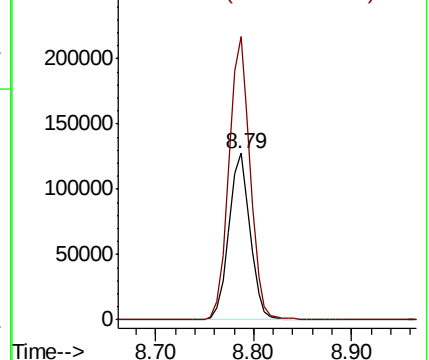
92 100

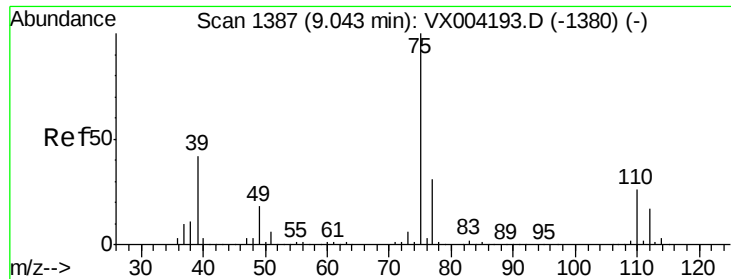
91 169.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.15 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

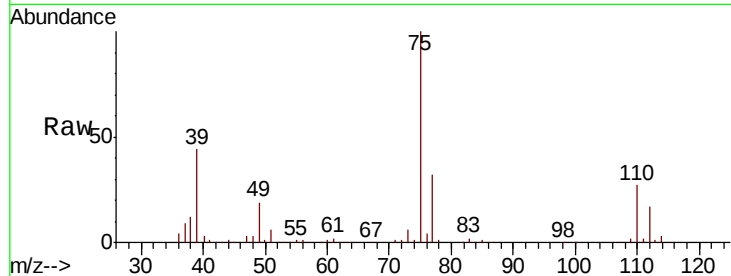
VX0904MBS01

Tot Ion: 75 Resp: 101859

Ion Ratio Lower Upper

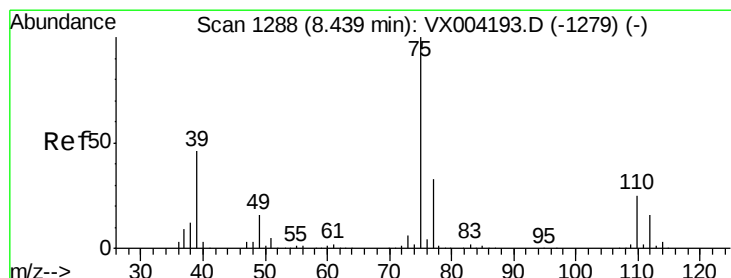
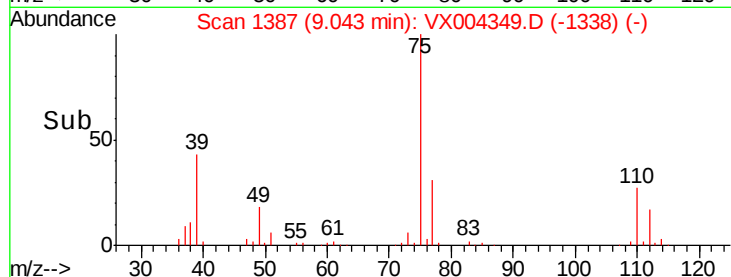
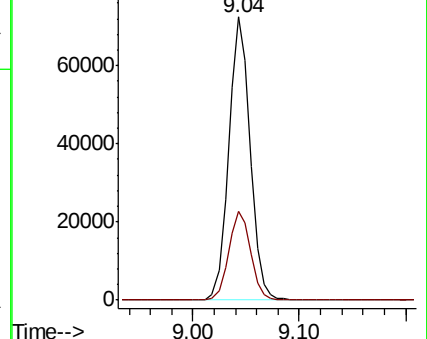
75 100

77 31.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.94 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

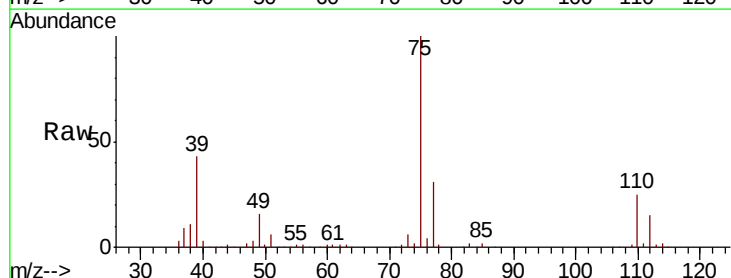
Tgt Ion: 75 Resp: 115302

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

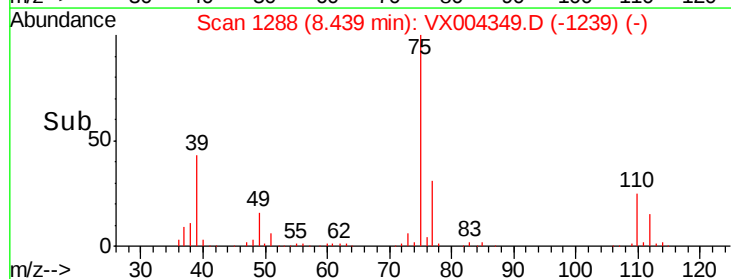
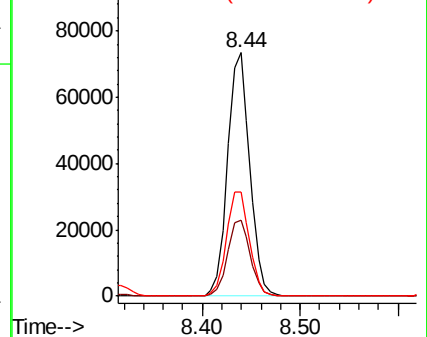
39 42.6 36.4 54.6

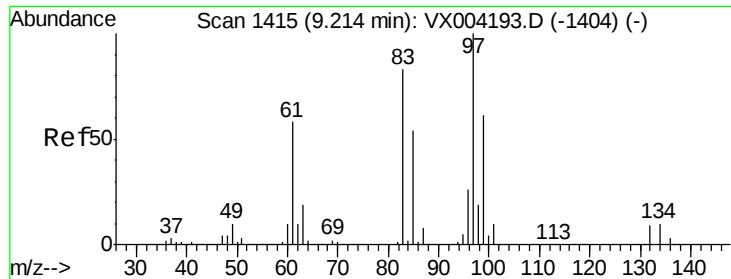


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

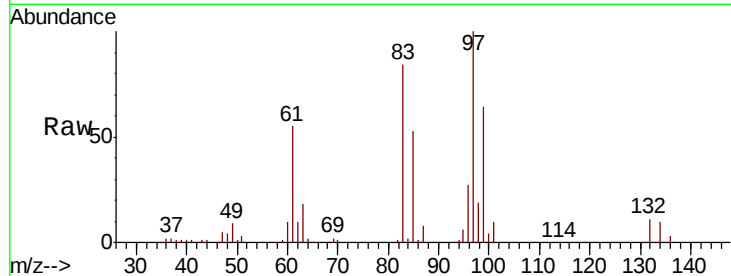




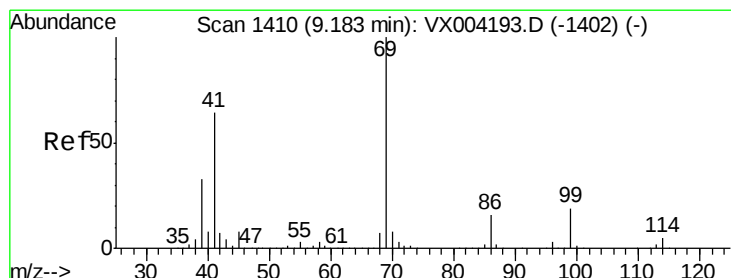
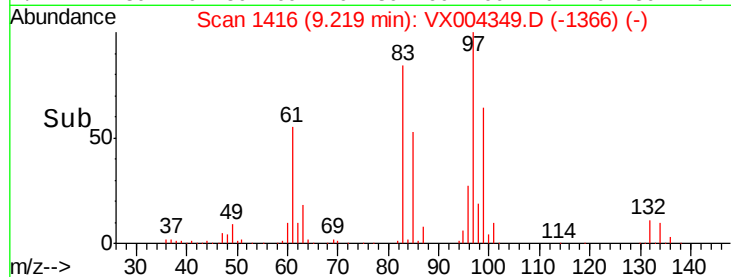
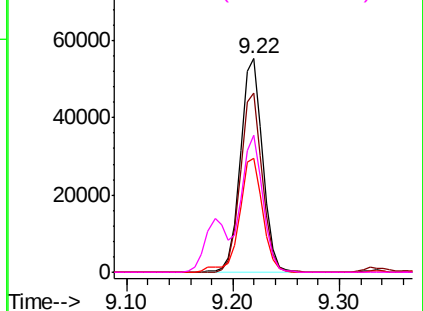
#55
 1,1,2-Trichloroethane
 Concen: 21.68 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBS01

Tot Ion:	97	Resp:	80860
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.4	99.6
85	53.2	43.3	64.9
99	64.1	49.0	73.4

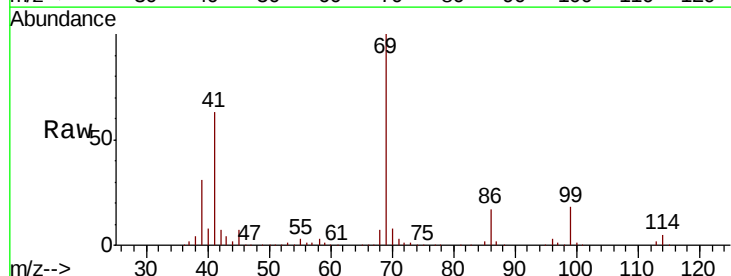


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

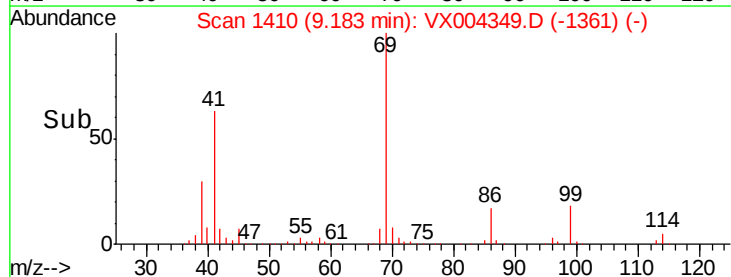
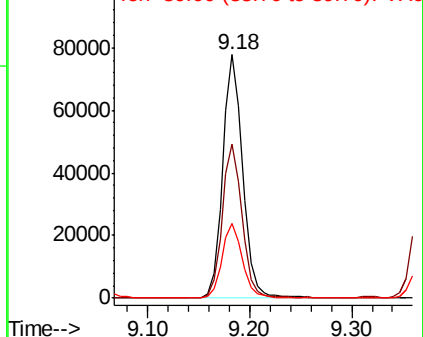


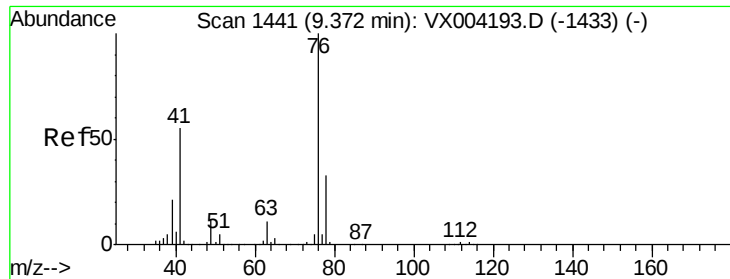
#56
 Ethyl methacrylate
 Concen: 20.89 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion:	69	Resp:	106078
Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.0	76.4
39	31.1	26.1	39.1



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

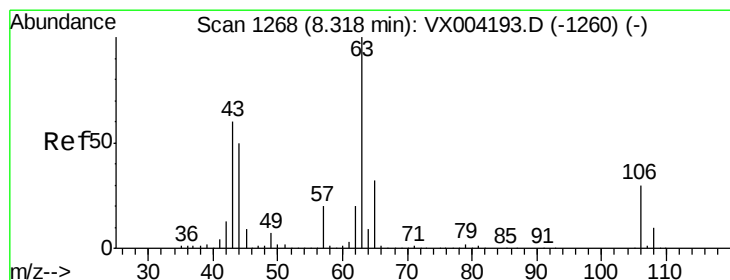
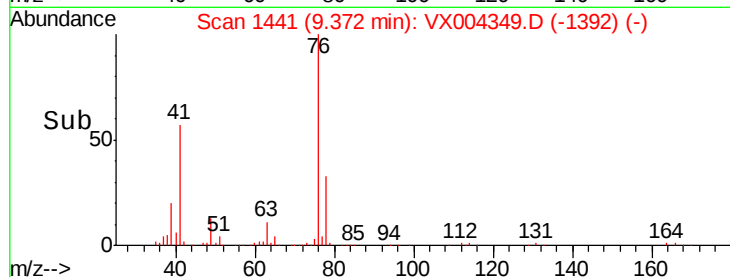
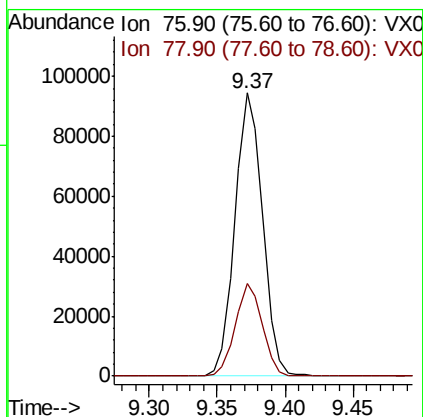
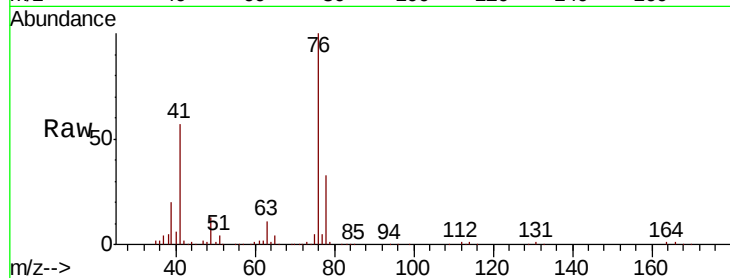




#57
 1,3-Dichloropropane
 Concen: 21.26 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

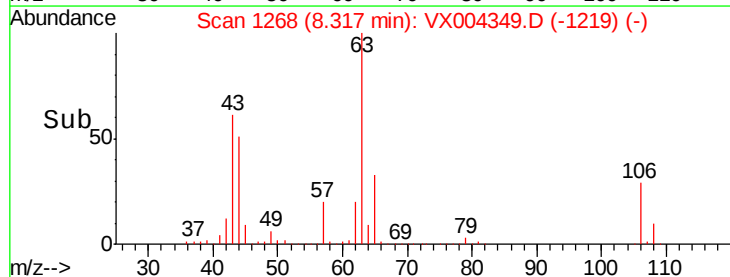
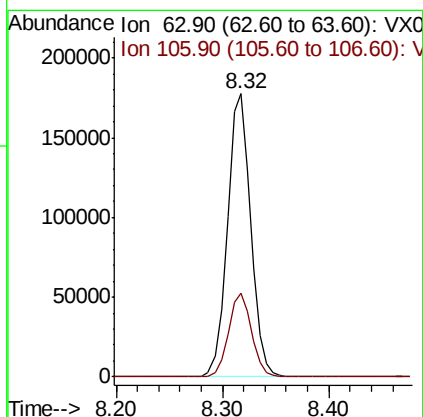
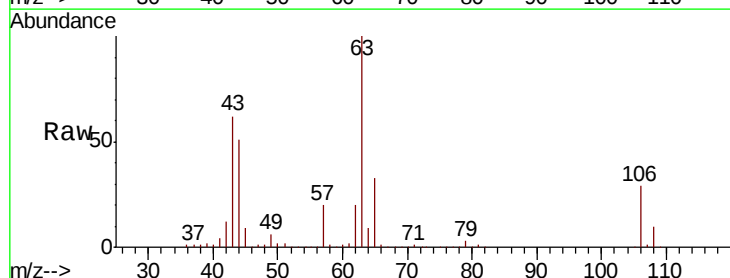
Instrument :
 MSVOA_X
 ClientSampled :
 VX0904MBS01

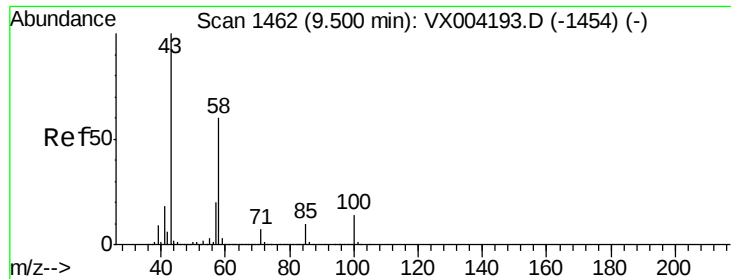
Tot Ion: 76 Resp: 133648
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion: 63 Resp: 271993
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.9 35.9

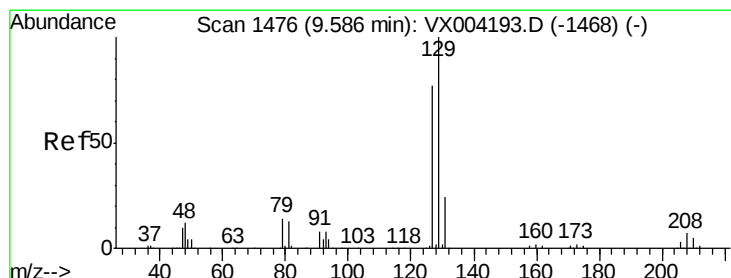
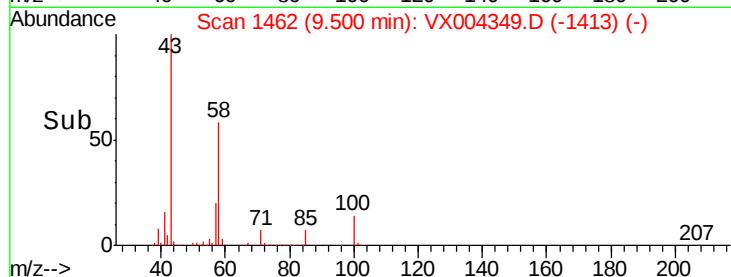
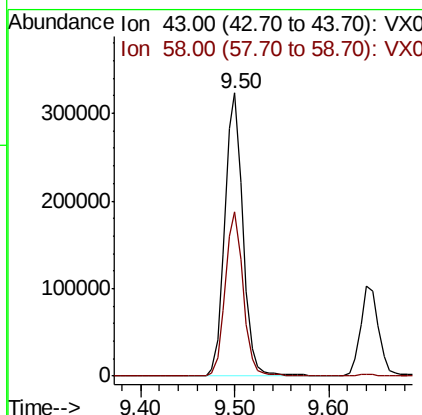
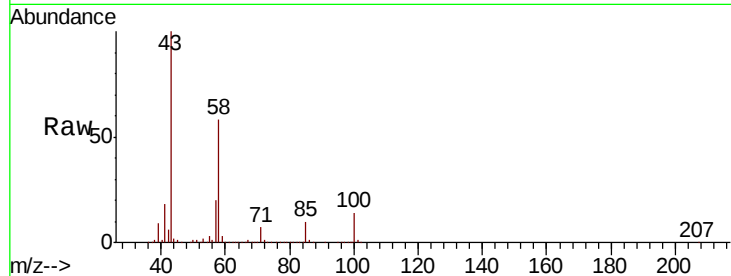




#59
2-Hexanone
Concen: 104.42 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

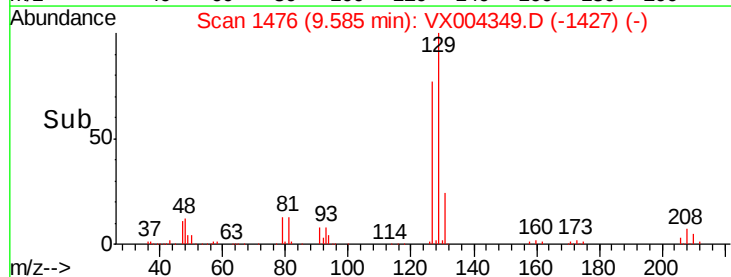
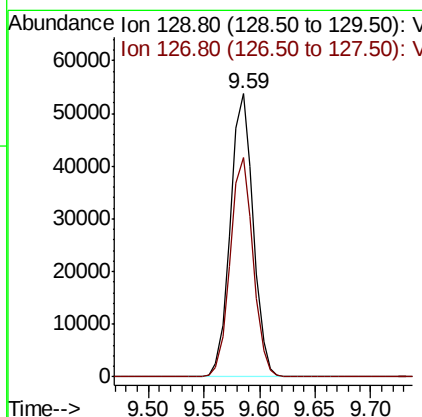
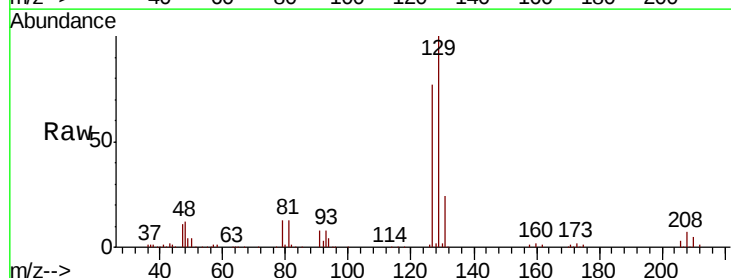
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

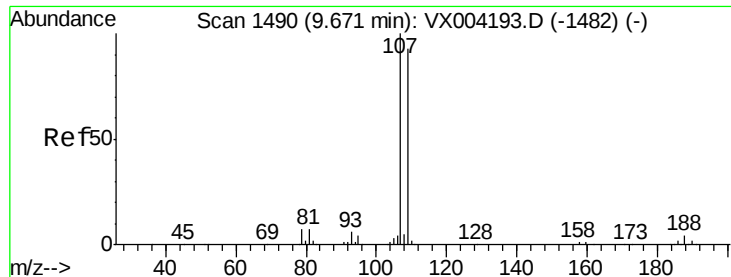
Tot Ion: 43 Resp: 432131
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.0



#60
Dibromochloromethane
Concen: 21.01 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 129 Resp: 76352
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.80 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

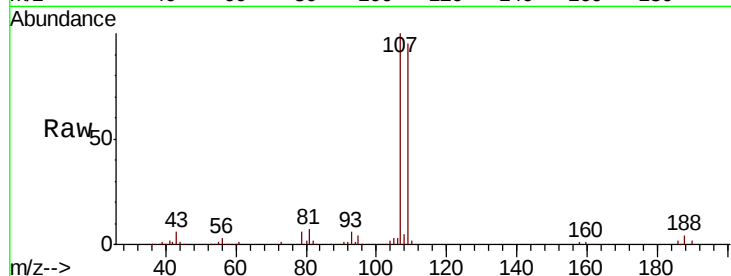
VX0904MBS01

Tot Ion:107 Resp: 80279

Ion Ratio Lower Upper

107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

30000

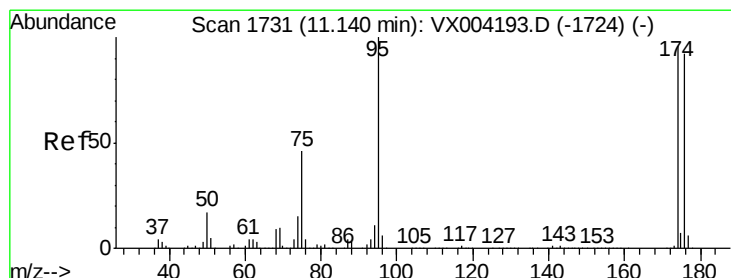
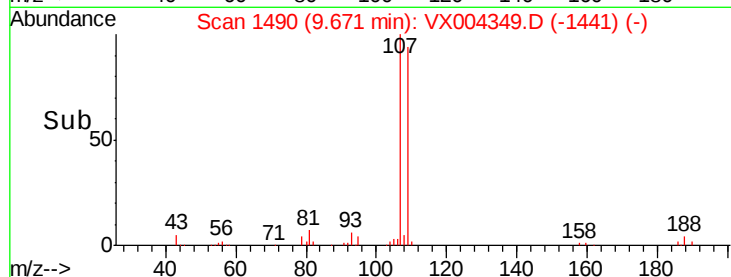
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

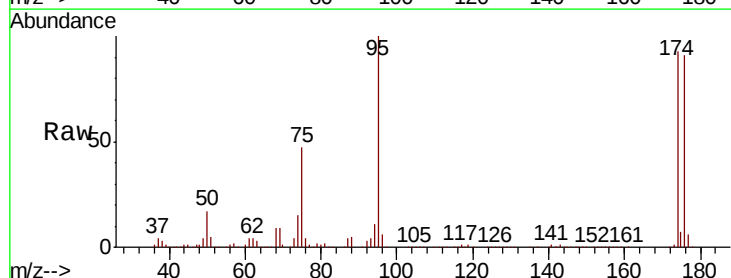
Tgt Ion: 95 Resp: 231471

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.2

176 87.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

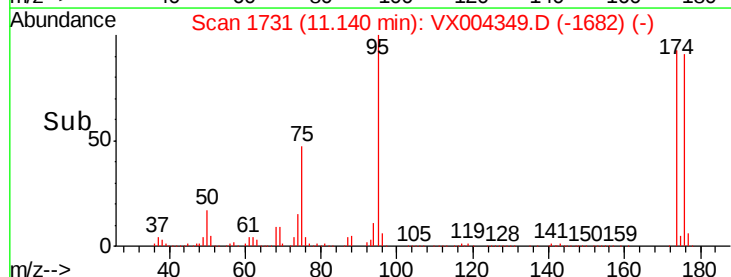
100000

50000

0

11.10 11.20

Time-->

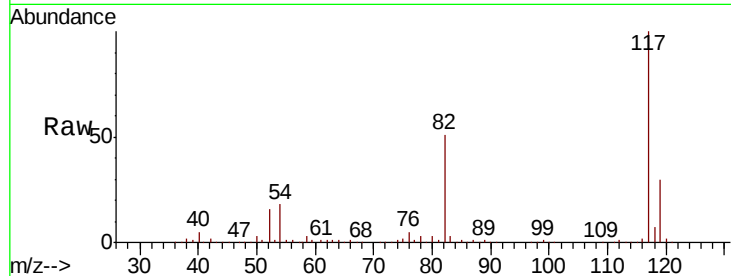




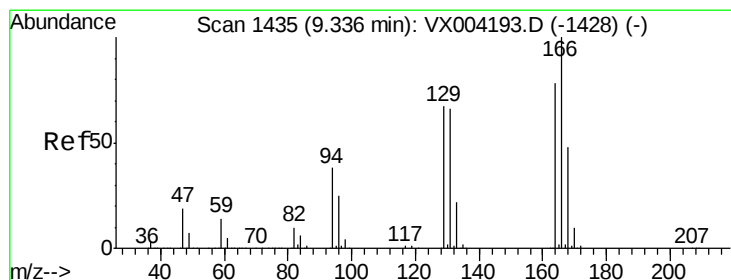
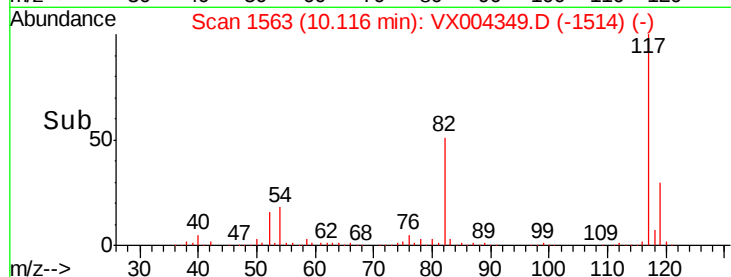
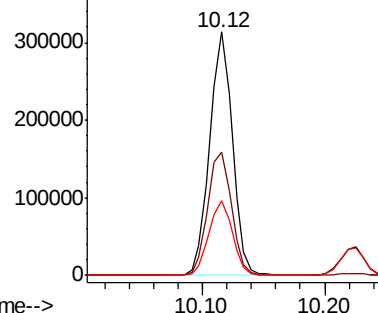
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

Tot Ion:117 Resp: 402772
Ion Ratio Lower Upper
117 100
82 50.8 47.8 71.6
119 30.5 29.3 43.9

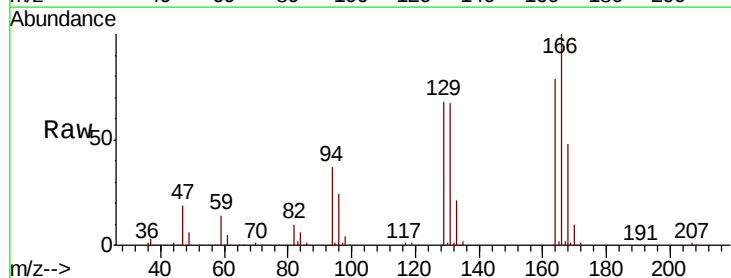


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

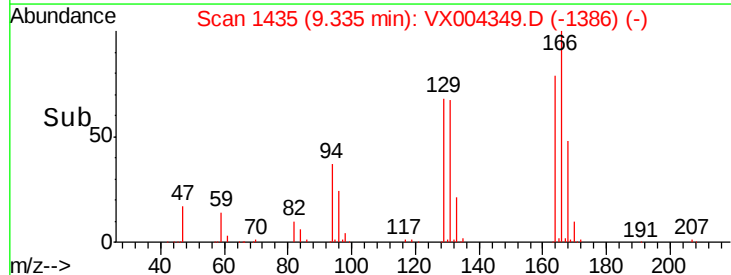
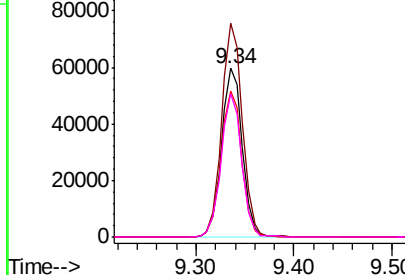


#64
Tetrachloroethene
Concen: 22.02 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion:164 Resp: 87608
Ion Ratio Lower Upper
164 100
166 126.7 102.8 154.2
129 86.3 69.4 104.0
131 85.2 67.9 101.9



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

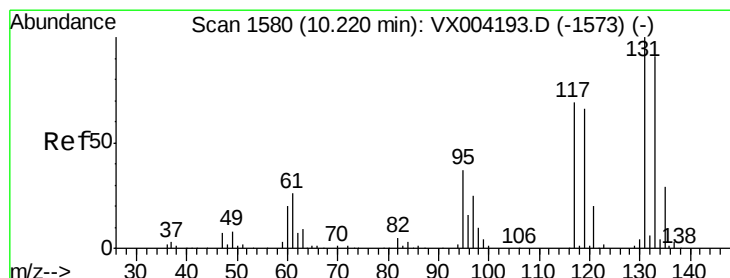
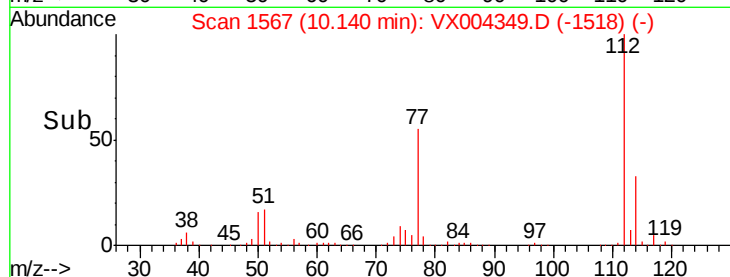
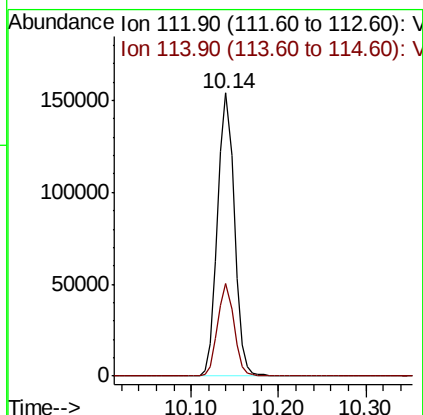
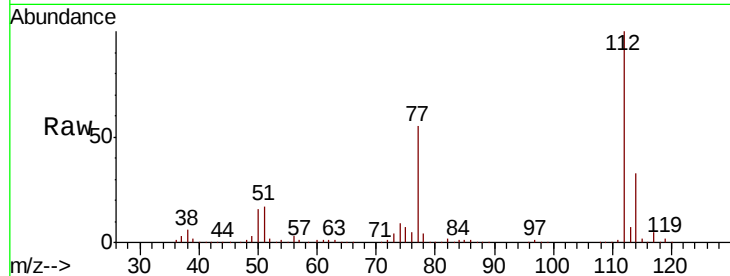




#65
Chlorobenzene
Concen: 20.32 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

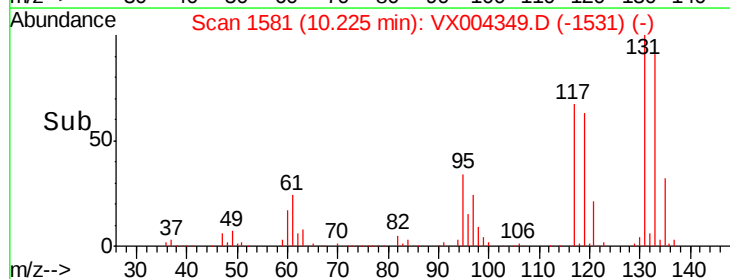
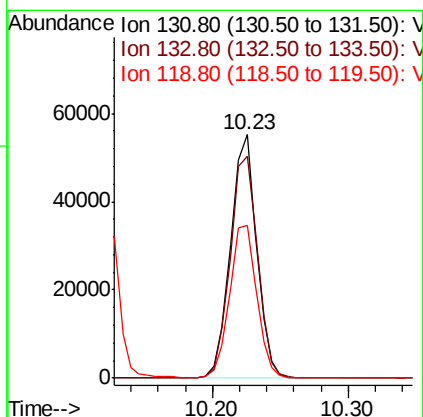
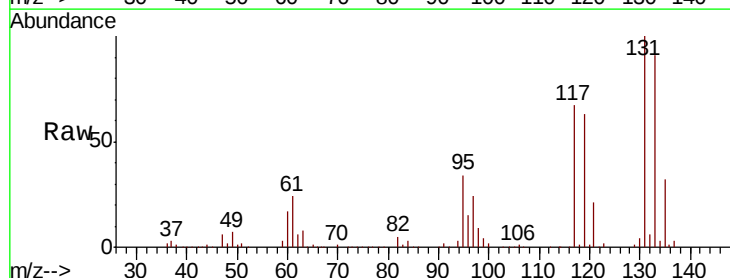
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

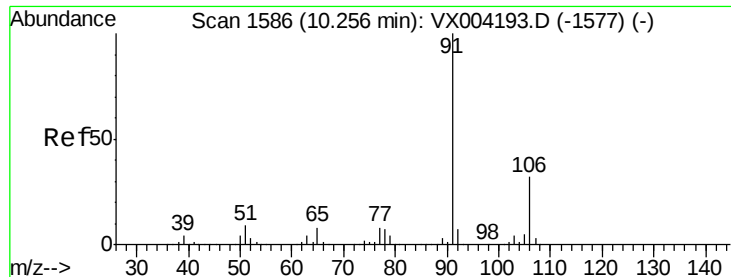
Tot Ion:112 Resp: 205374
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.10 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion:131 Resp: 73552
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 65.6 32.9 98.6

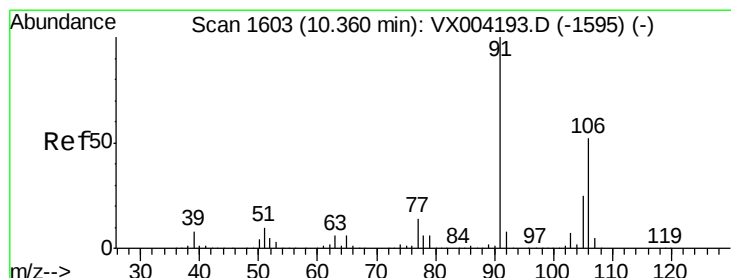
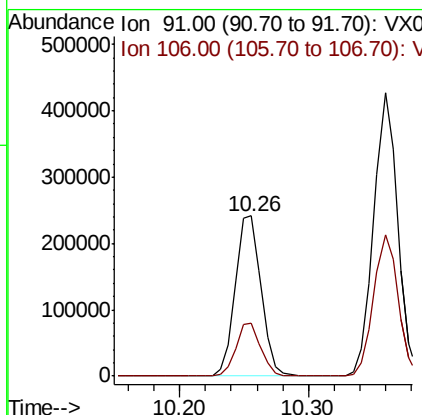
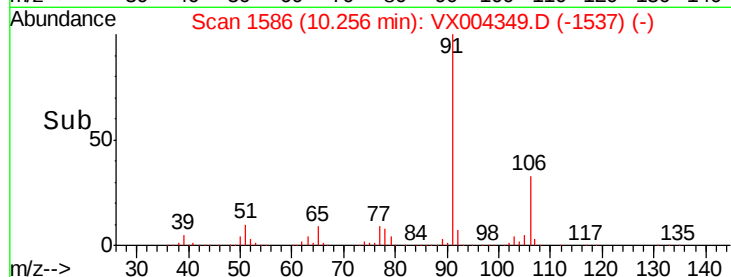
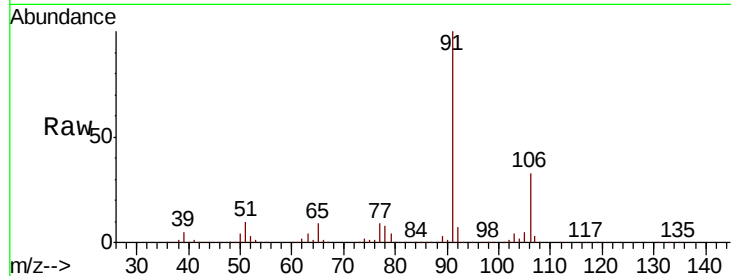




#67
Ethyl Benzene
Concen: 20.60 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

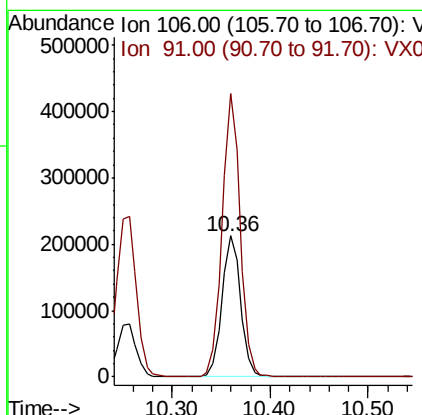
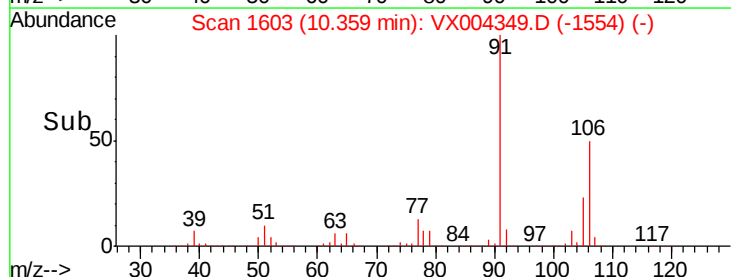
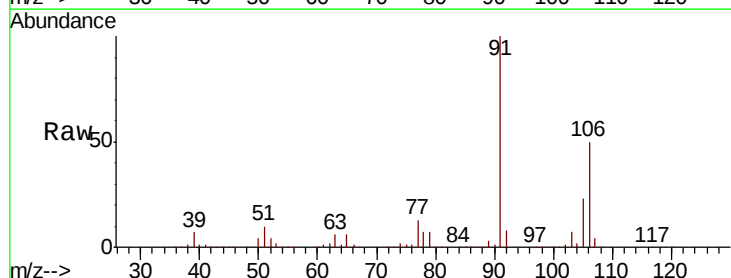
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

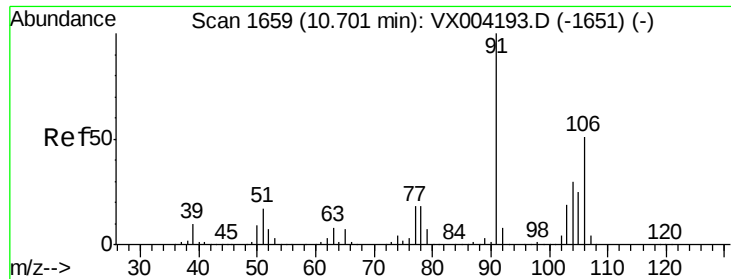
Tot Ion: 91 Resp: 338179
Ion Ratio Lower Upper
91 100
106 33.2 25.9 38.9



#68
m/p-Xylenes
Concen: 43.54 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 106 Resp: 279477
Ion Ratio Lower Upper
106 100
91 195.4 157.1 235.7

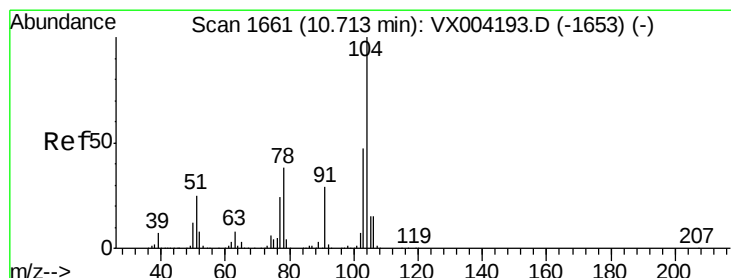
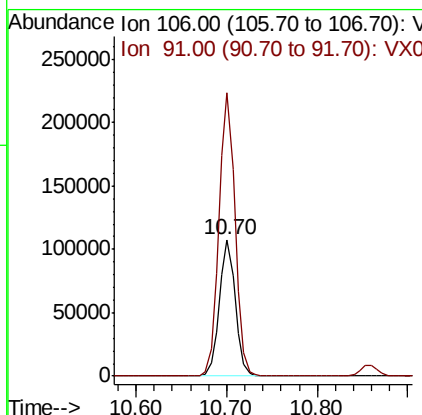
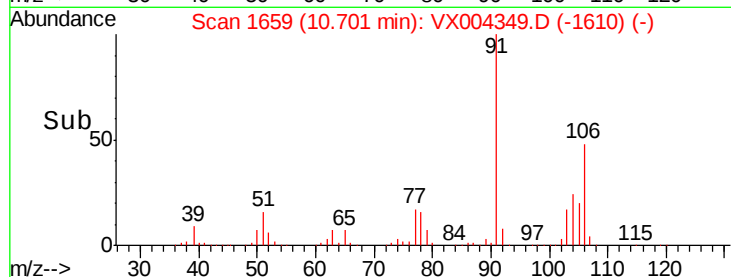
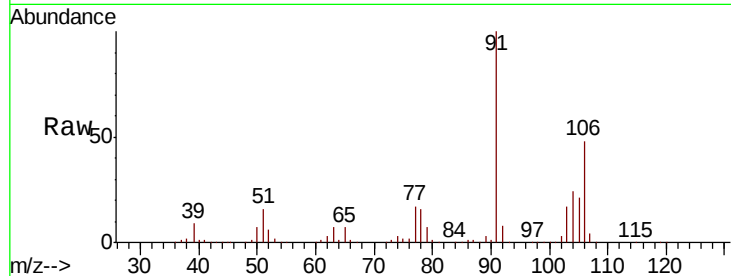




#69
o-Xylene
Concen: 21.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

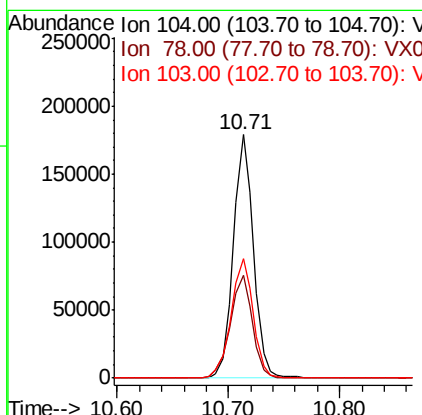
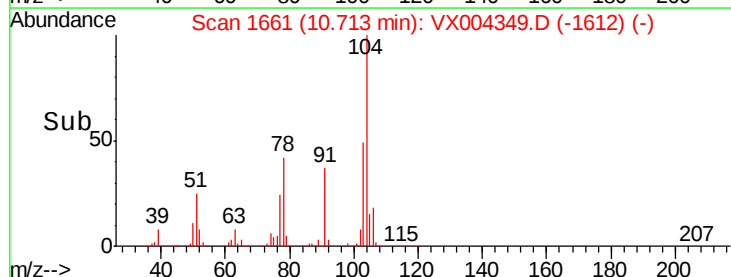
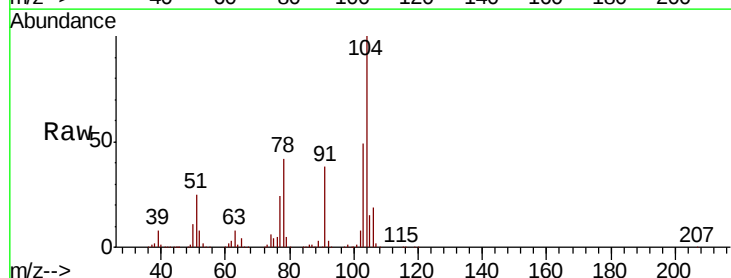
Instrument :
MSVOA_X
ClientSampled :
VX0904MBS01

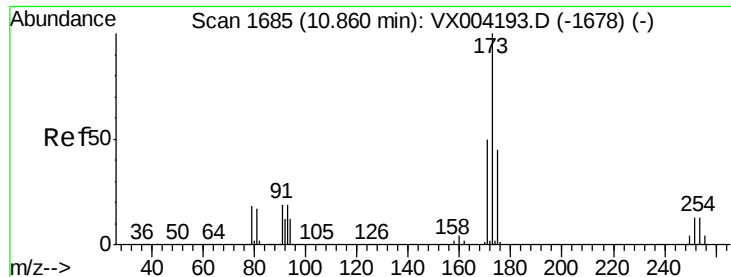
Tot Ion:106 Resp: 132530
Ion Ratio Lower Upper
106 100
91 210.5 105.1 315.1



#70
Styrene
Concen: 22.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion:104 Resp: 222508
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 54.1 43.8 65.6





#71

Bromoform

Concen: 20.54 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

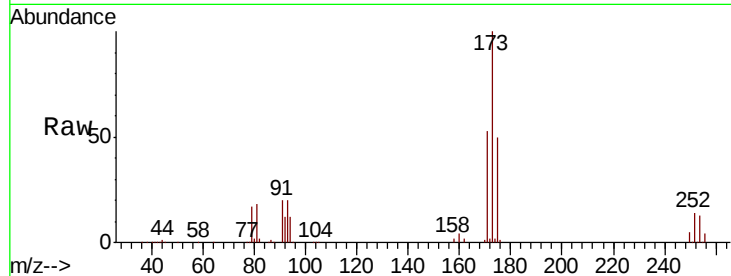
Tot Ion:173 Resp: 57716

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

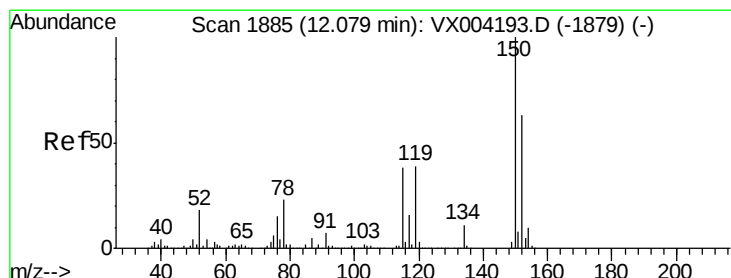
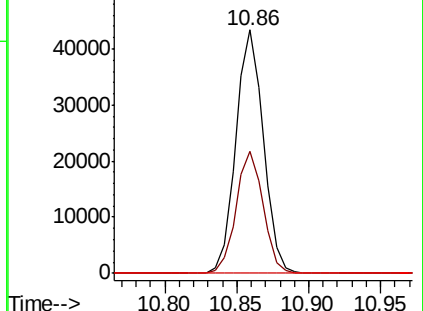
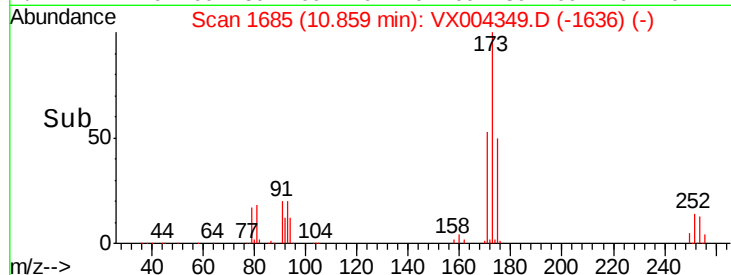
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

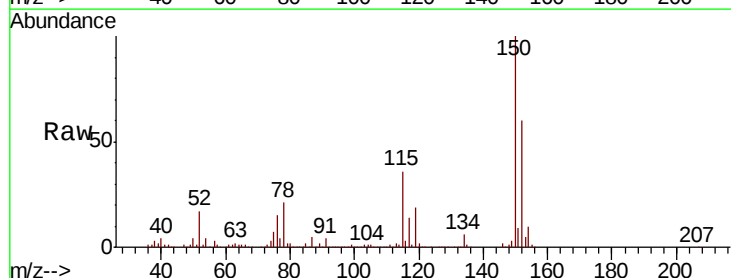
Tgt Ion:152 Resp: 242902

Ion Ratio Lower Upper

152 100

115 64.6 39.0 117.0

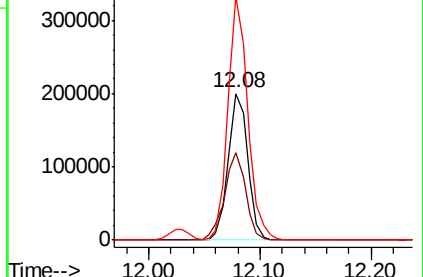
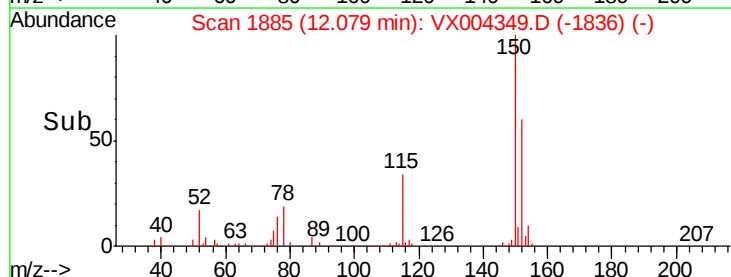
150 168.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.16 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

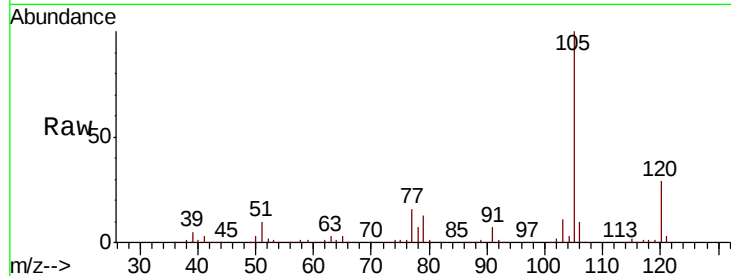
VX0904MBS01

Tot Ion:105 Resp: 353458

Ion Ratio Lower Upper

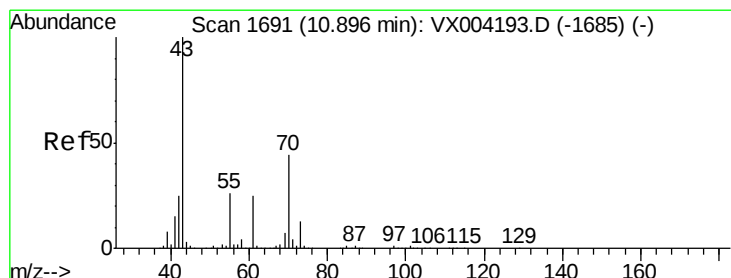
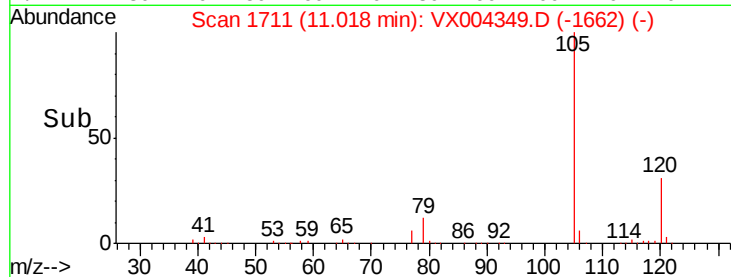
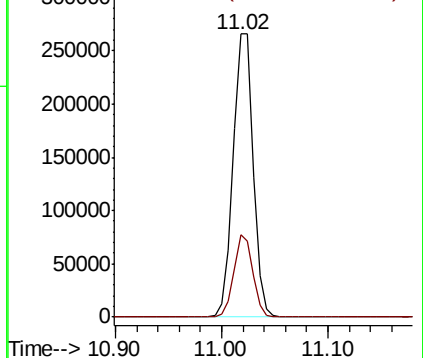
105 100

120 27.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.97 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Tgt Ion: 43 Resp: 128783

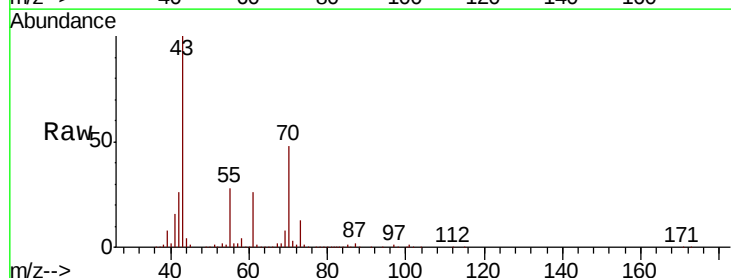
Ion Ratio Lower Upper

43 100

70 47.3 37.4 56.0

55 29.1 21.8 32.8

61 26.1 20.6 30.8

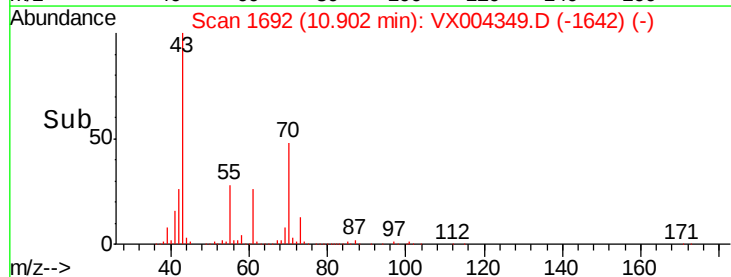
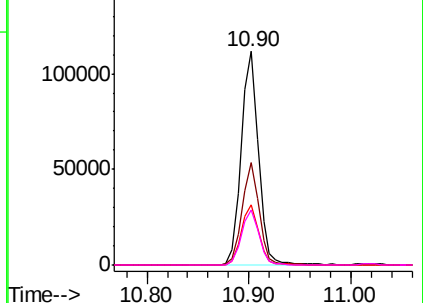


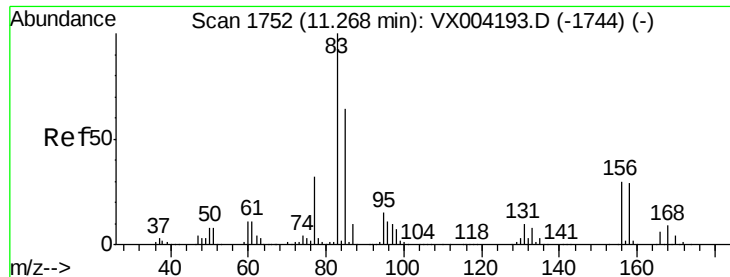
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.92 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

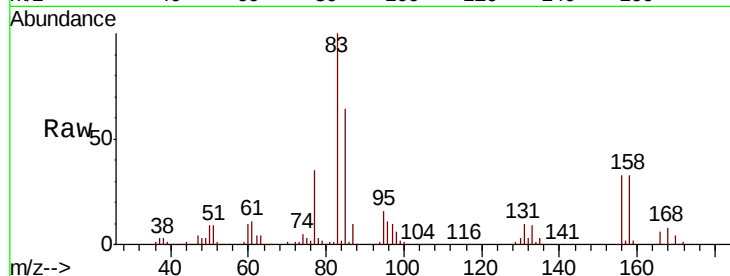
Tot Ion: 83 Resp: 122400

Ion Ratio Lower Upper

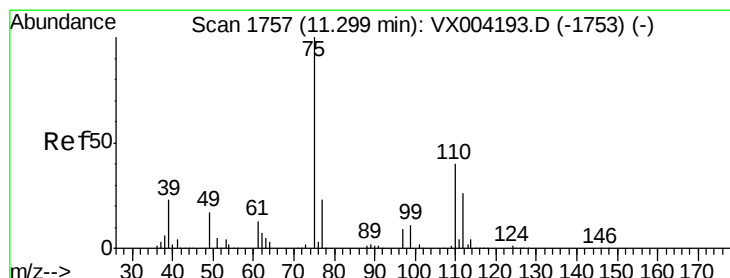
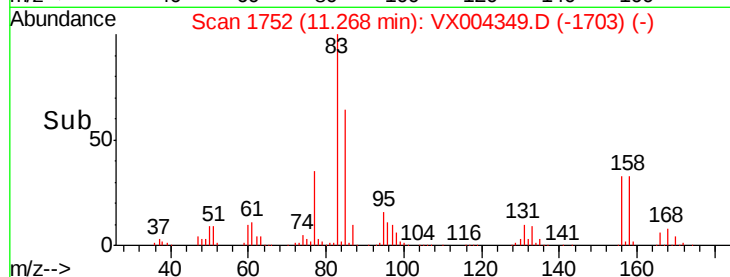
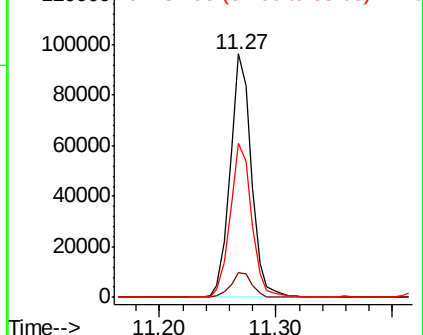
83 100

131 10.4 5.2 15.6

85 64.4 32.3 96.8



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: 27.46 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004349.D

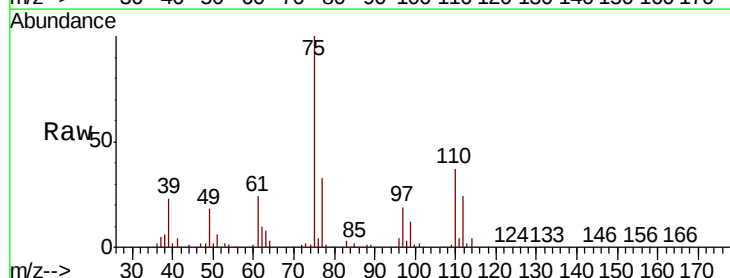
Acq: 04 Sep 2018 16:12

Tgt Ion: 75 Resp: 135650

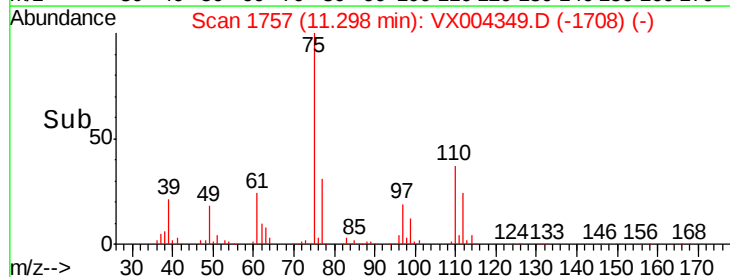
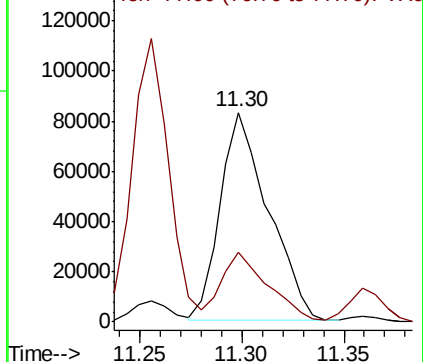
Ion Ratio Lower Upper

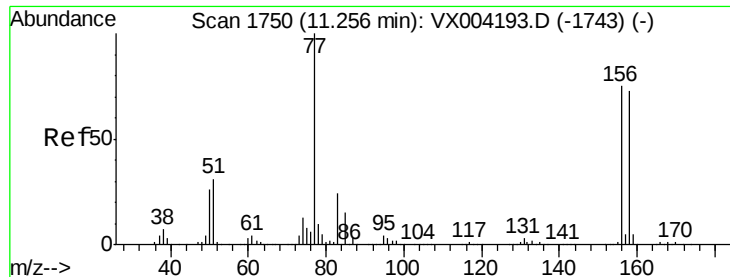
75 100

77 32.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.69 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

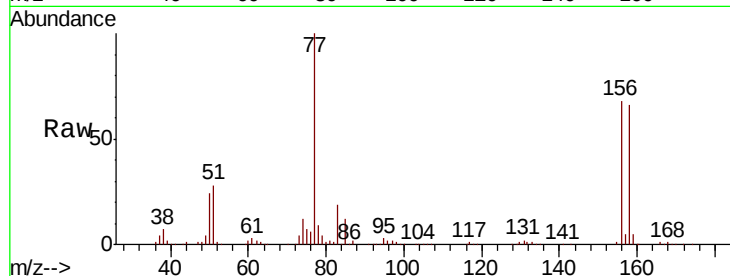
Tot Ion:156 Resp: 97087

Ion Ratio Lower Upper

156 100

77 145.4 71.5 214.3

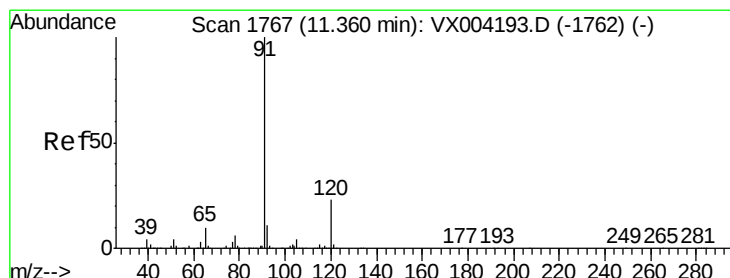
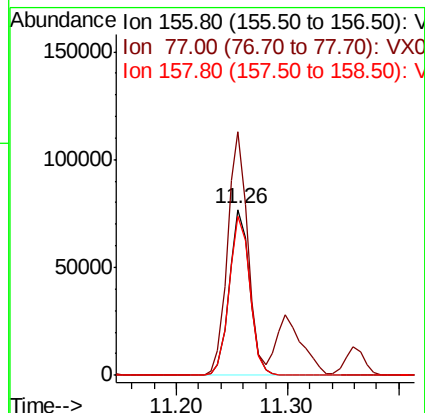
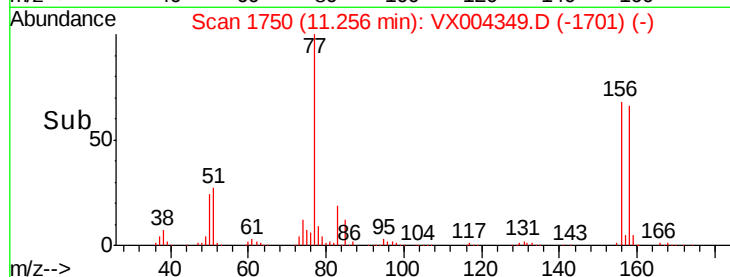
158 97.9 48.9 146.8



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: 22.38 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004349.D

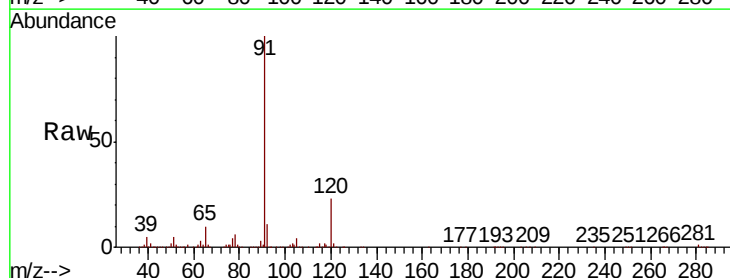
Acq: 04 Sep 2018 16:12

Tgt Ion: 91 Resp: 410580

Ion Ratio Lower Upper

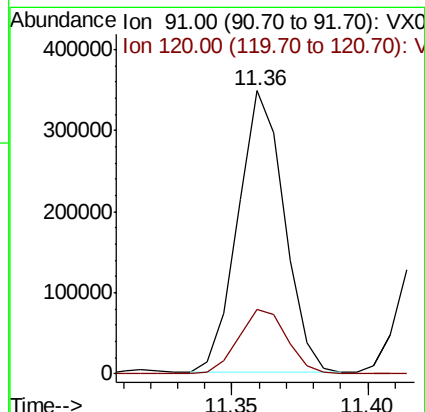
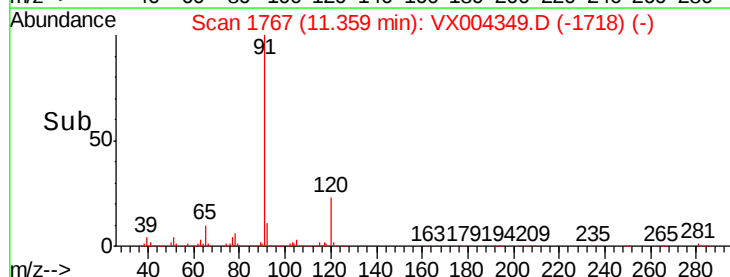
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

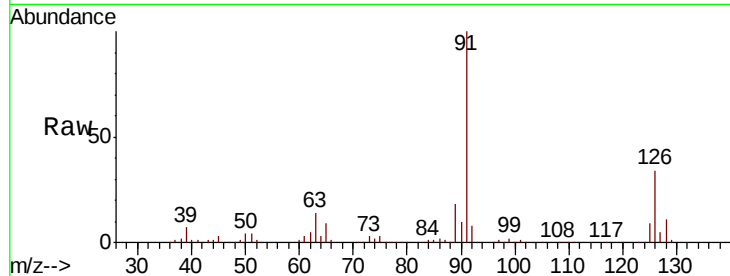




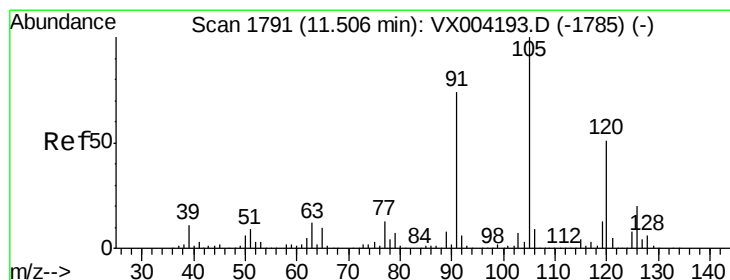
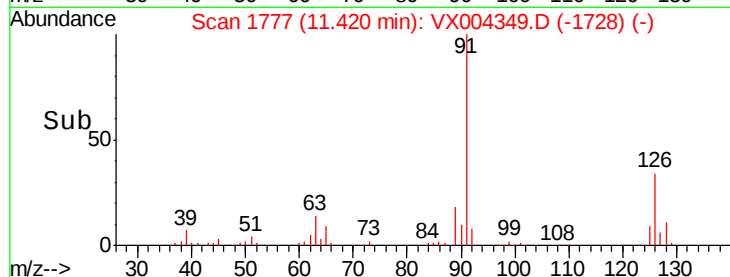
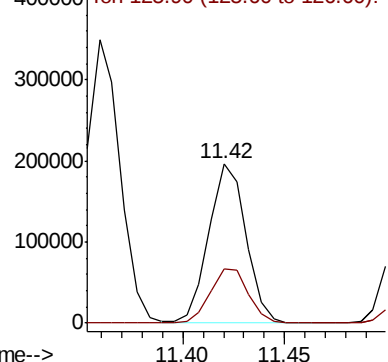
#79
 2-Chlorotoluene
 Concen: 21.79 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBS01

Tot Ion: 91 Resp: 246138
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7

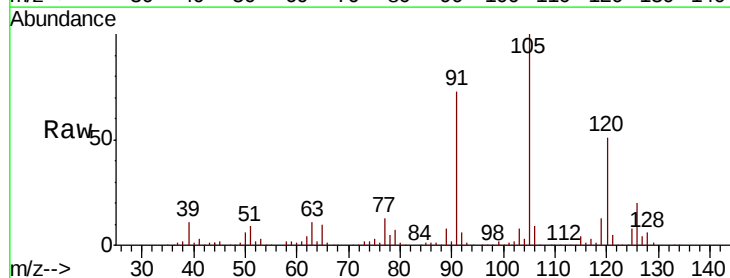


Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1772) (-)
 Ion 125.90 (125.60 to 126.60): VX004193.D (-1772) (-)

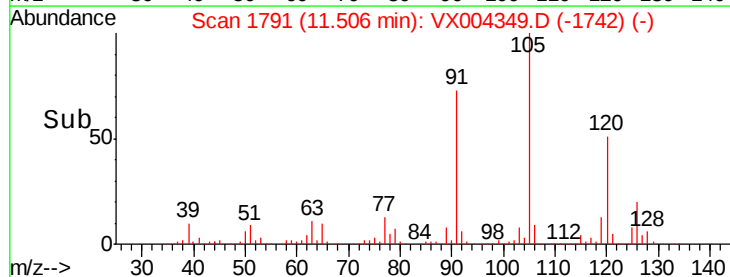
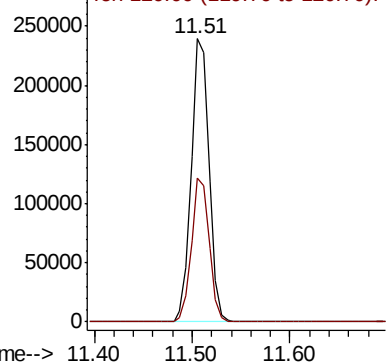


#80
 1,3,5-Trimethylbenzene
 Concen: 22.90 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion: 105 Resp: 302590
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)
 Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.08 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

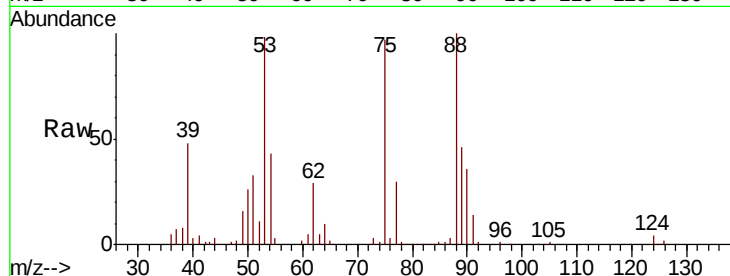
Tot Ion: 75 Resp: 32091

Ion Ratio Lower Upper

75 100

53 102.5 80.1 120.1

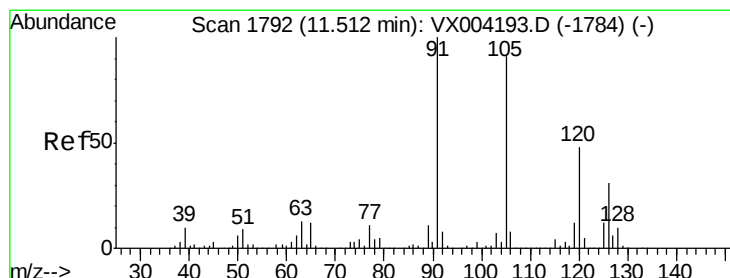
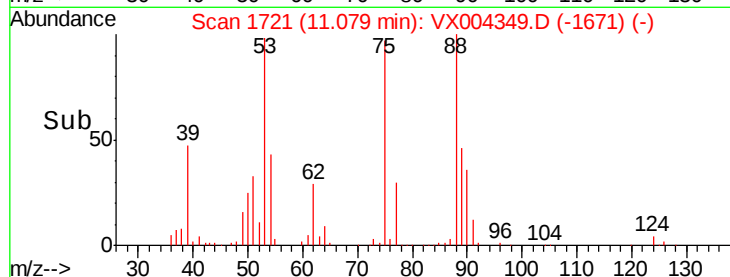
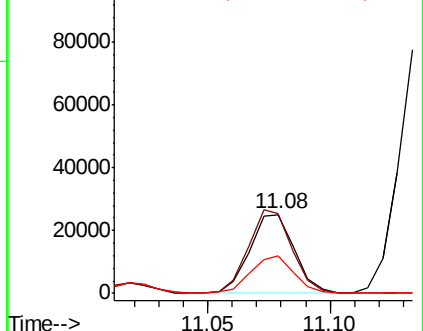
89 45.6 37.2 55.8



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: 21.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004349.D

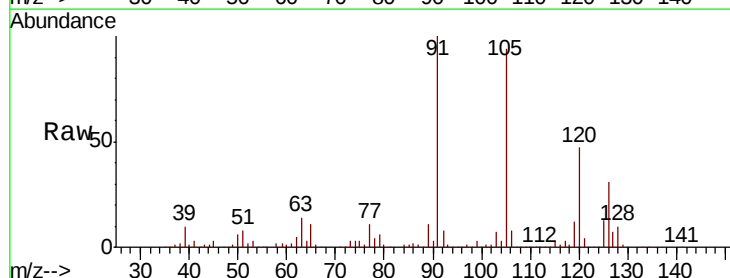
Acq: 04 Sep 2018 16:12

Tgt Ion: 91 Resp: 291101

Ion Ratio Lower Upper

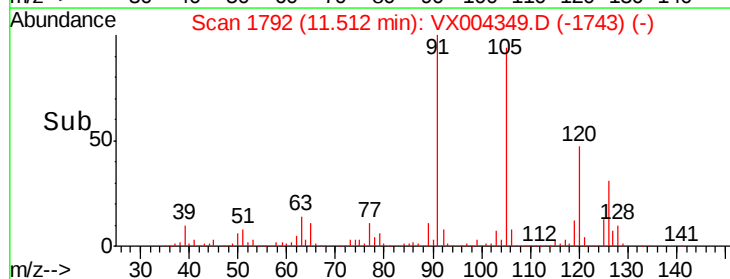
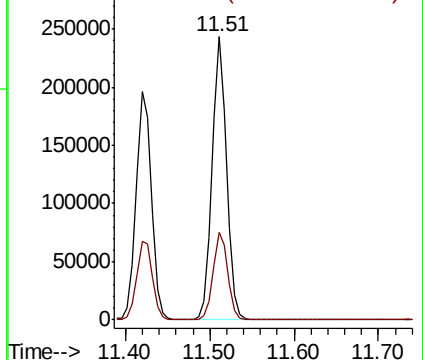
91 100

126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

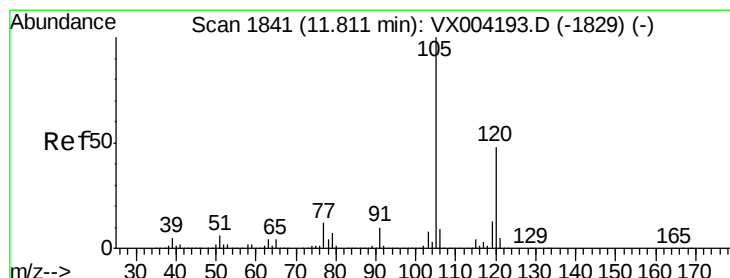
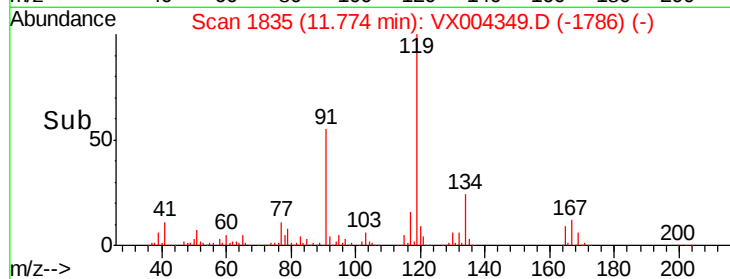
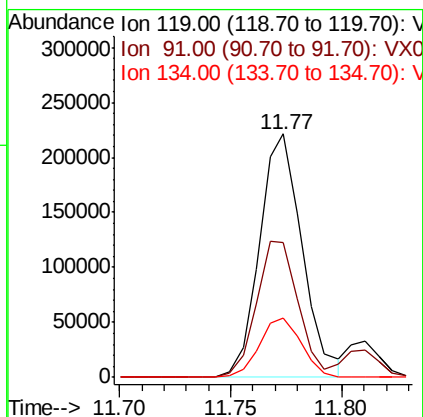
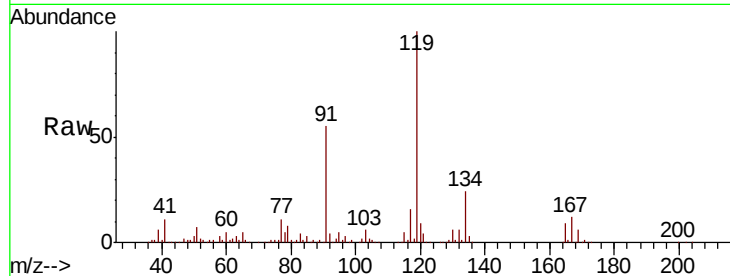




#83
 tert-Butylbenzene
 Concen: 22.16 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

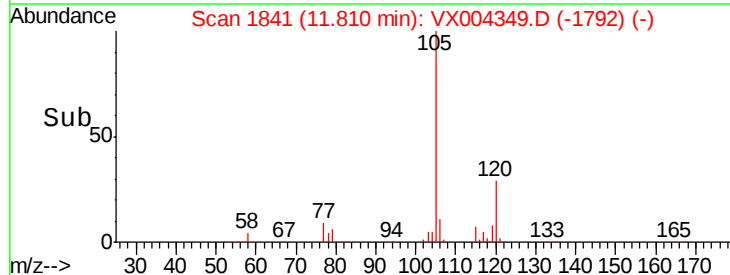
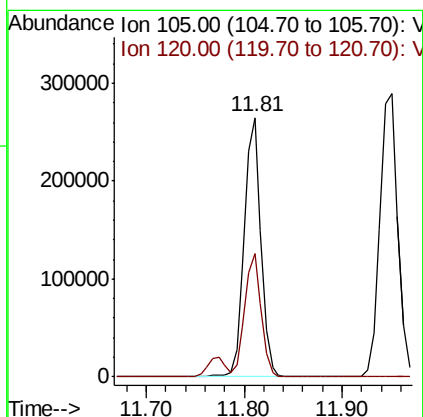
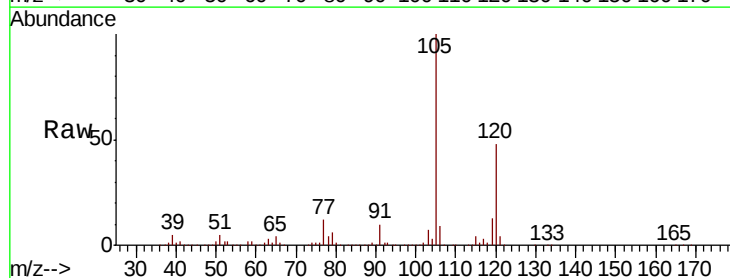
Instrument :
 MSVOA_X
 ClientSampled :
 VX0904MBS01

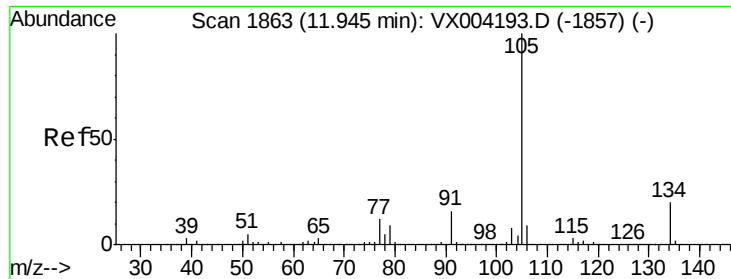
Tot Ion:119 Resp: 294575
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.0 81.0
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.07 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion:105 Resp: 312834
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.25 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

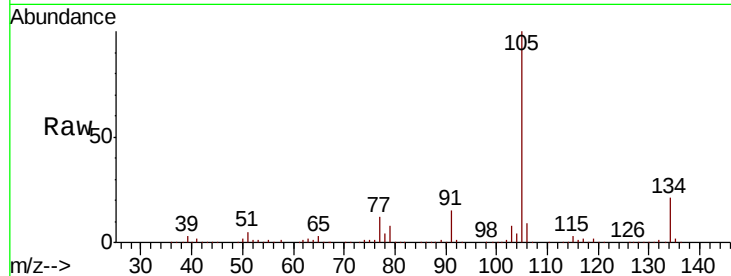
VX0904MBS01

Tot Ion:105 Resp: 366867

Ion Ratio Lower Upper

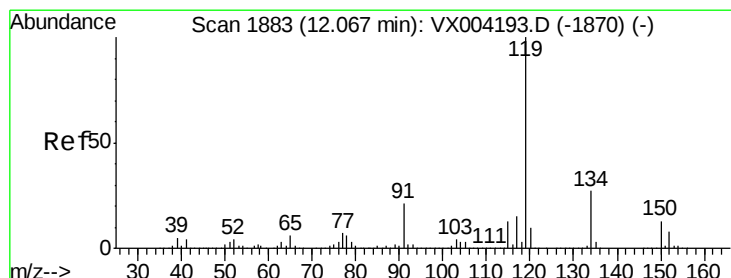
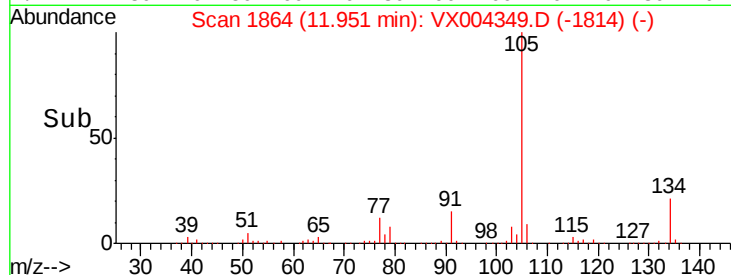
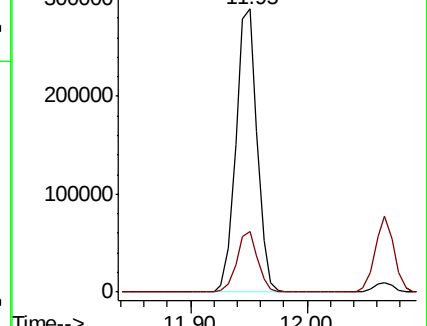
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.96 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

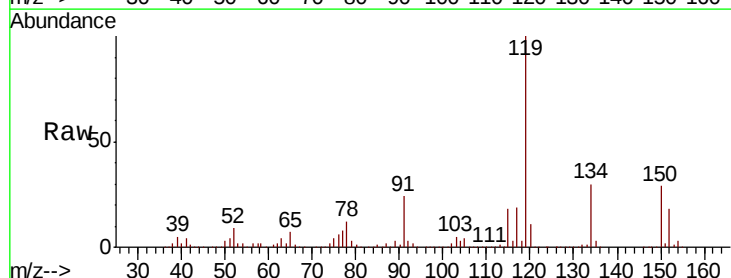
Tgt Ion:119 Resp: 310603

Ion Ratio Lower Upper

119 100

134 28.0 13.4 40.2

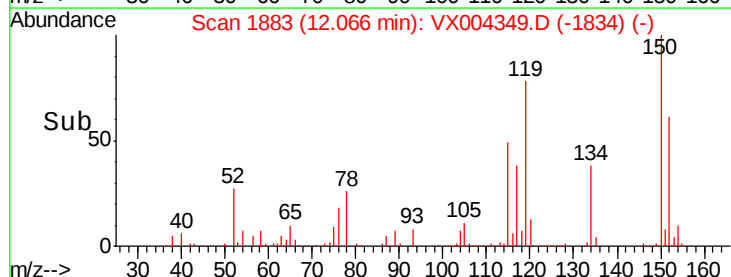
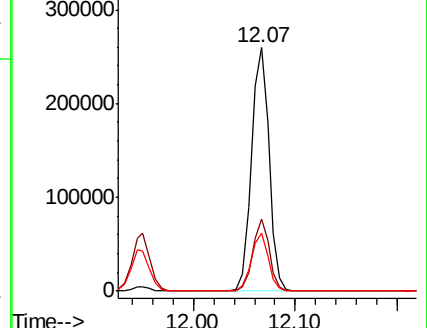
91 22.8 10.9 32.7

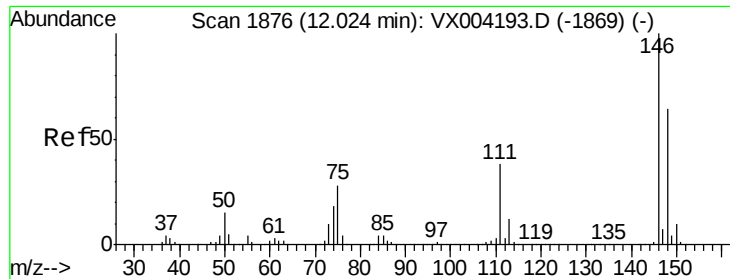


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

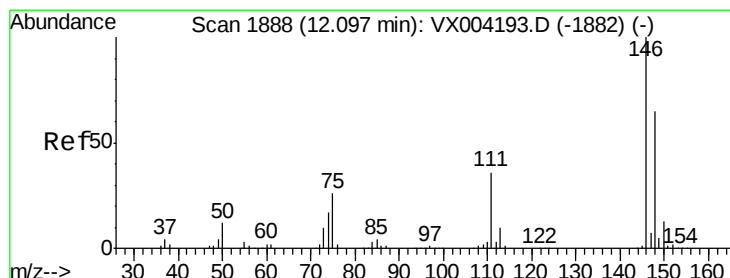
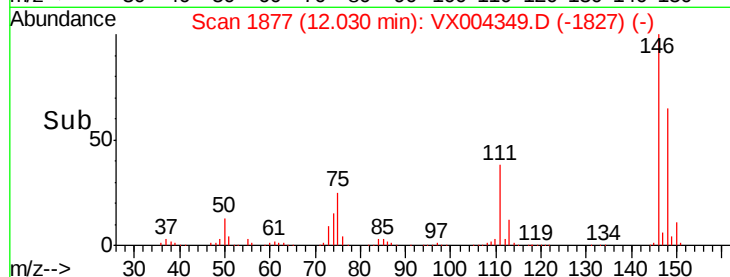
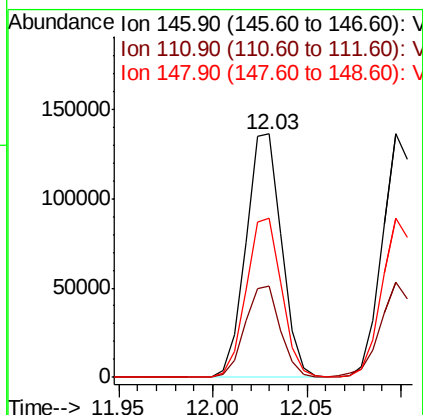
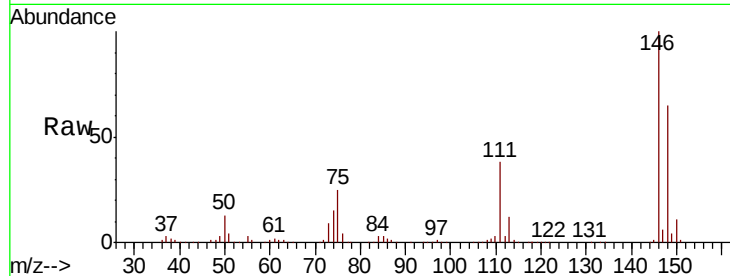




#87
 1,3-Dichlorobenzene
 Concen: 21.20 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

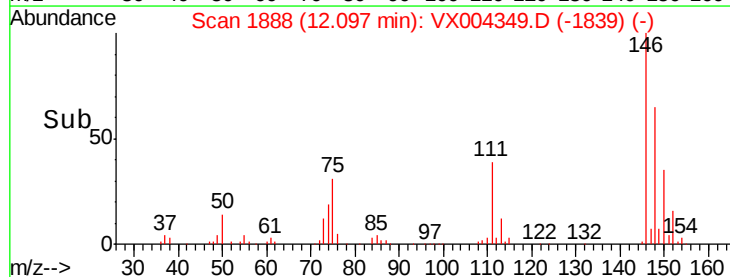
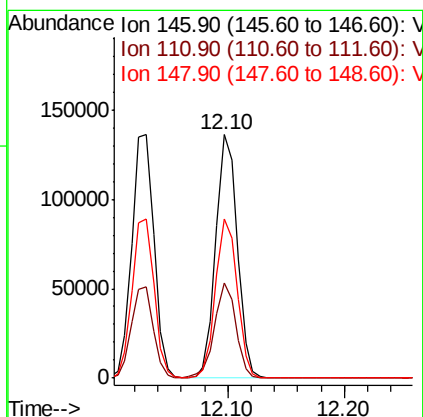
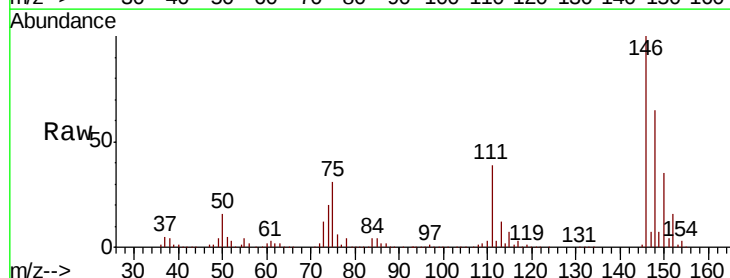
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBS01

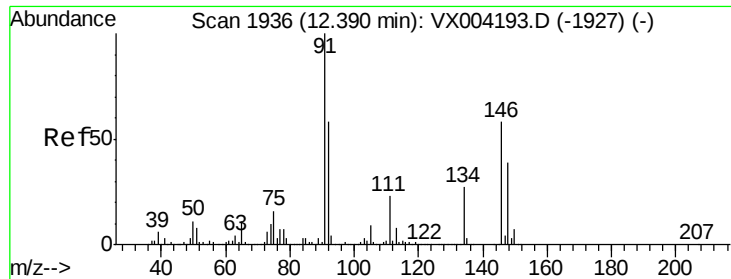
Tot Ion:146 Resp: 178667
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.45 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion:146 Resp: 172816
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.1 54.1
 148 66.0 32.0 96.0

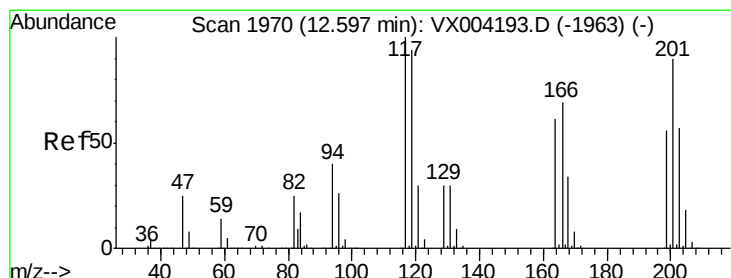
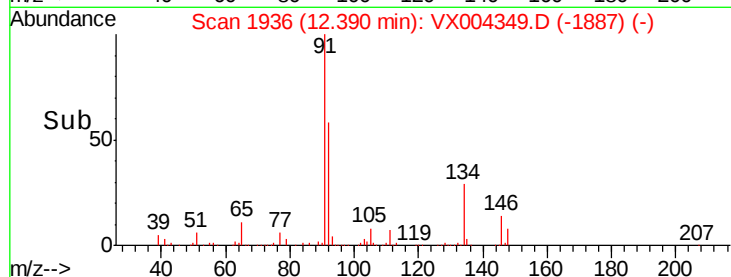
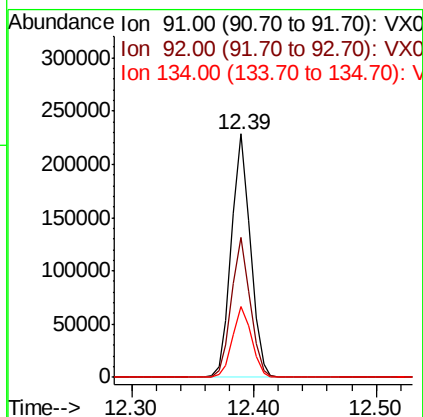
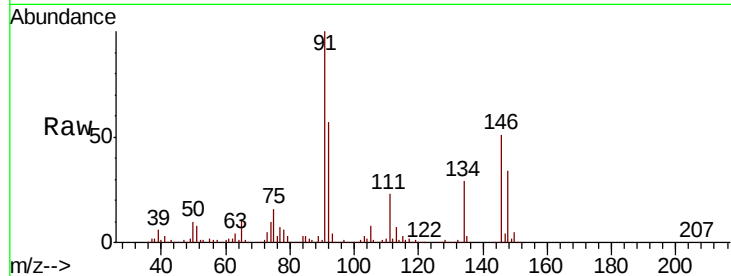




#89
n-Butylbenzene
Concen: 21.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

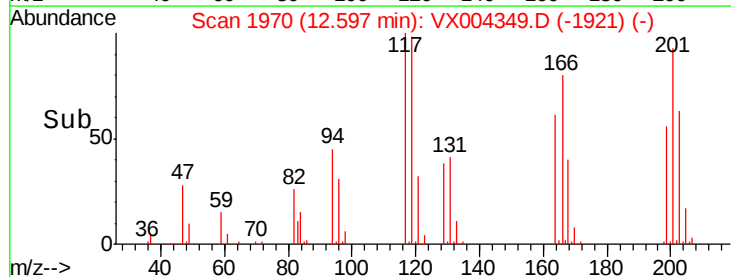
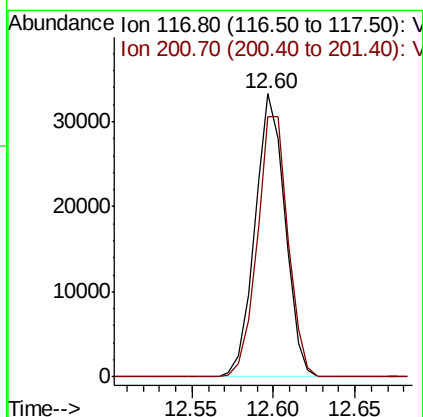
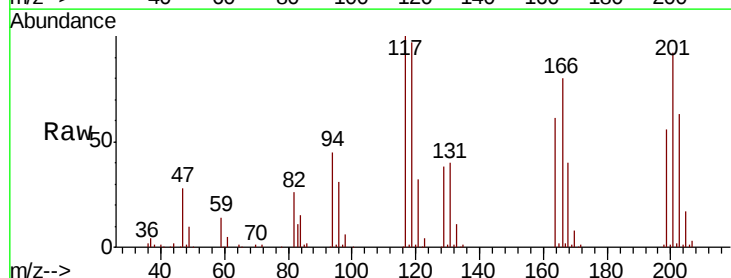
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBS01

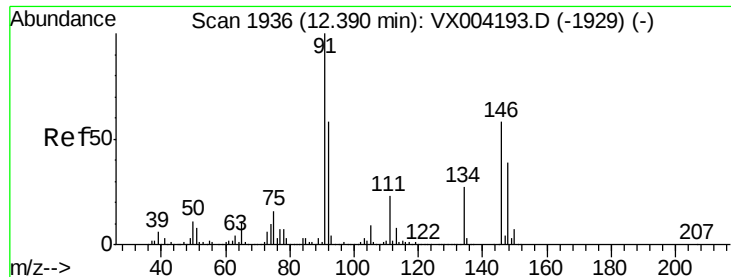
Tot Ion: 91 Resp: 244420
Ion Ratio Lower Upper
91 100
92 56.4 27.3 81.9
134 29.0 13.6 40.7



#90
Hexachloroethane
Concen: 21.59 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004349.D
Acq: 04 Sep 2018 16:12

Tgt Ion: 117 Resp: 42673
Ion Ratio Lower Upper
117 100
201 94.5 46.9 140.6

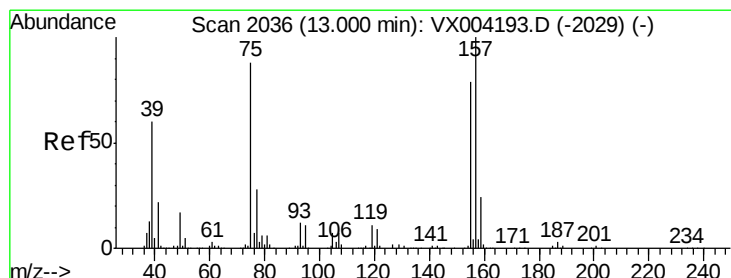
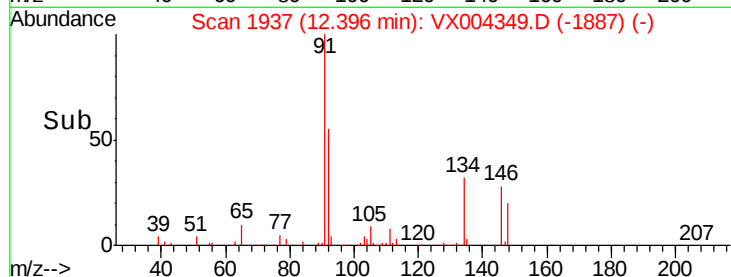
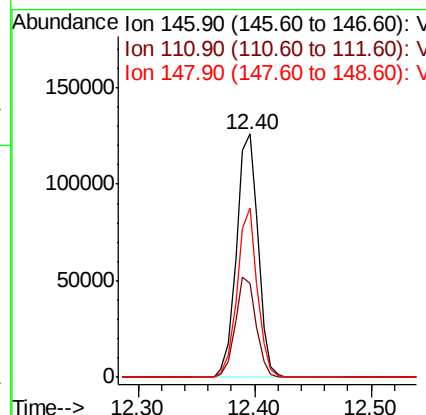
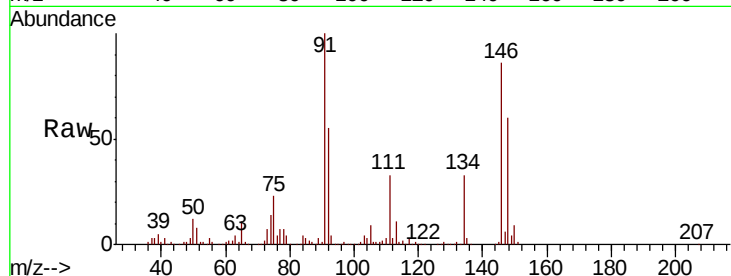




#91
 1,2-Dichlorobenzene
 Concen: 21.08 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

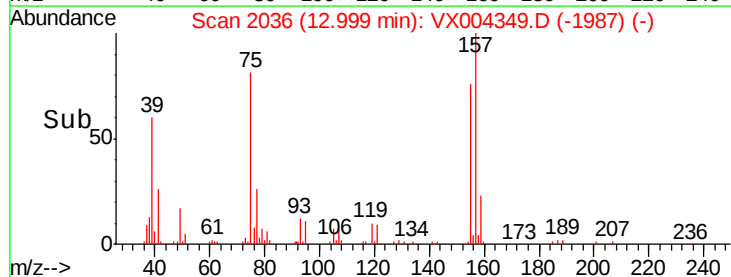
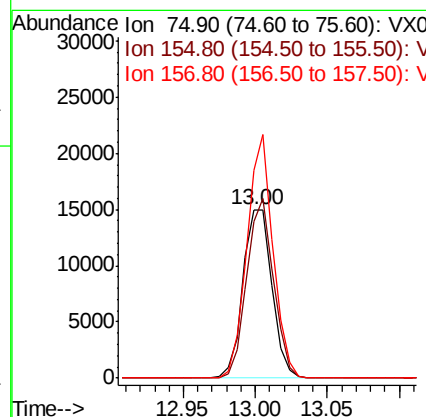
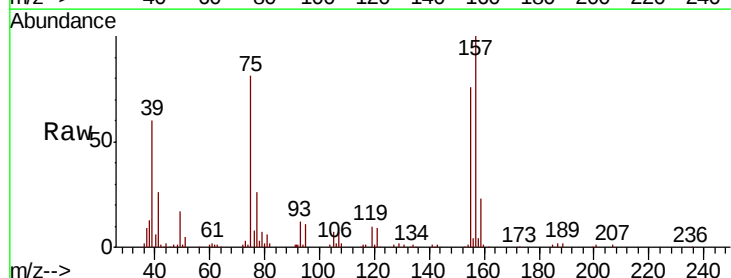
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBS01

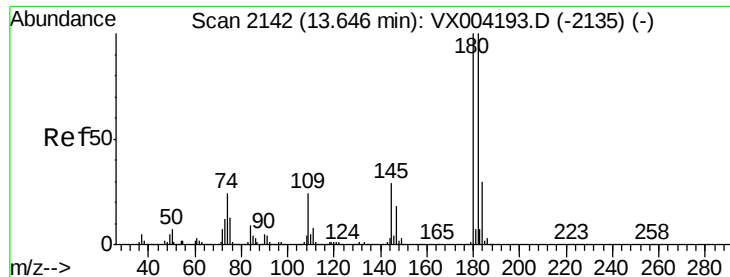
Tot Ion:146 Resp: 162326
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.1
 148 65.3 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.30 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion: 75 Resp: 20946
 Ion Ratio Lower Upper
 75 100
 155 97.9 48.0 144.2
 157 128.6 61.4 184.1

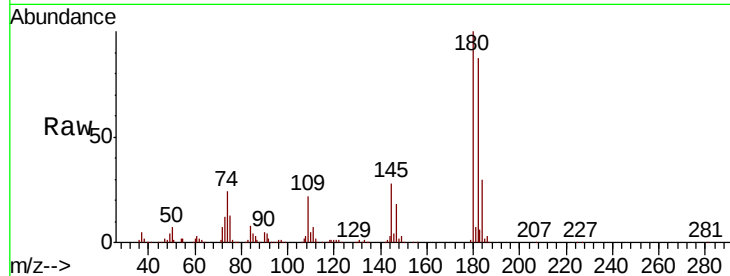




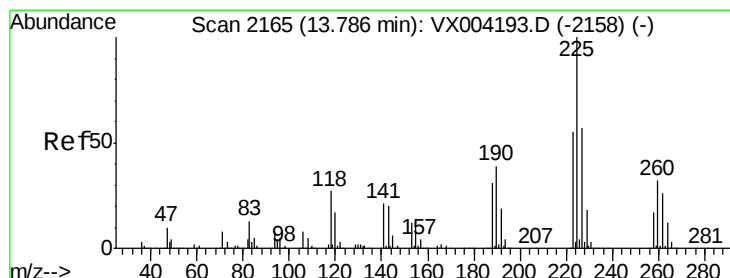
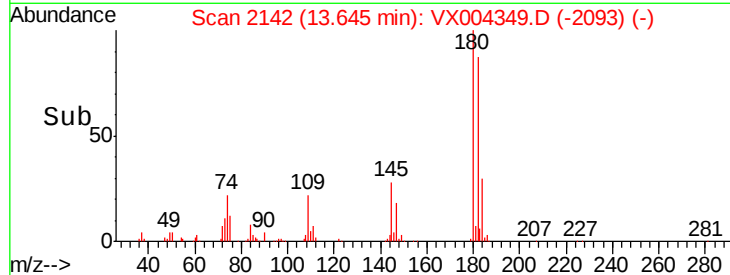
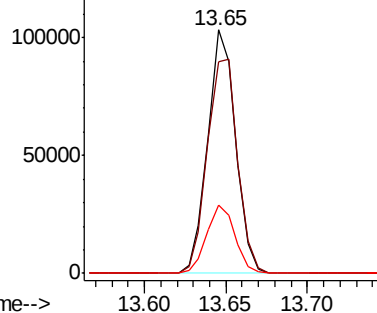
#93
 1,2,4-Trichlorobenzene
 Concen: 22.06 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0904MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.0
145	28.4	14.3	42.9

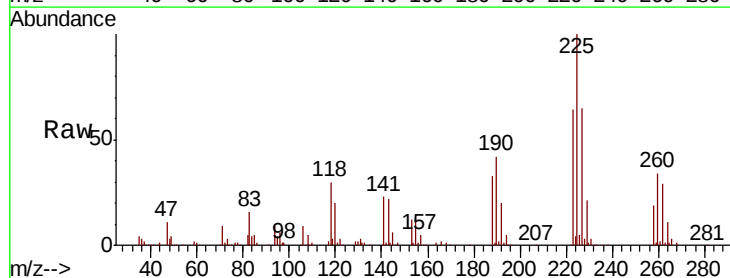


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

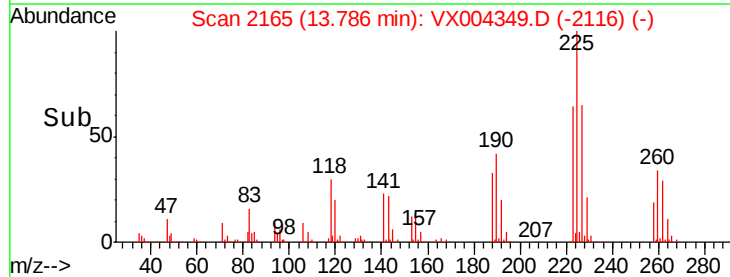
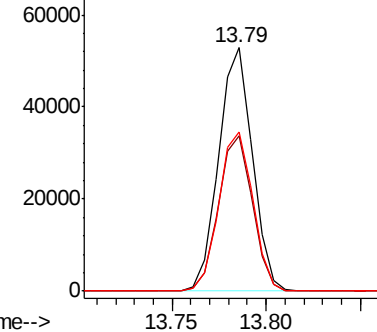


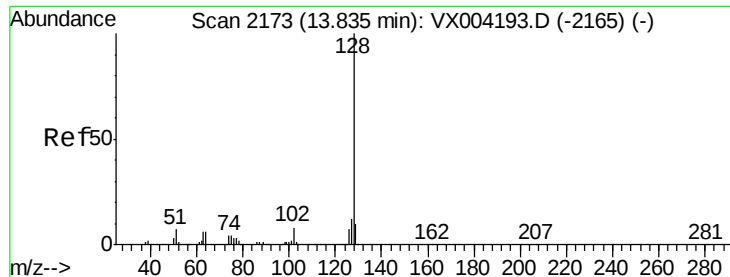
#94
 Hexachlorobutadiene
 Concen: 25.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004349.D
 Acq: 04 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	30.1	90.5
227	66.1	30.8	92.4



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





#95

Naphthalene

Concen: 23.79 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBS01

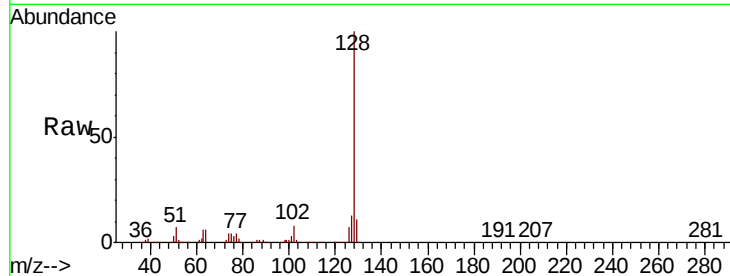
Tot Ion:128 Resp: 376992

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.6 12.8

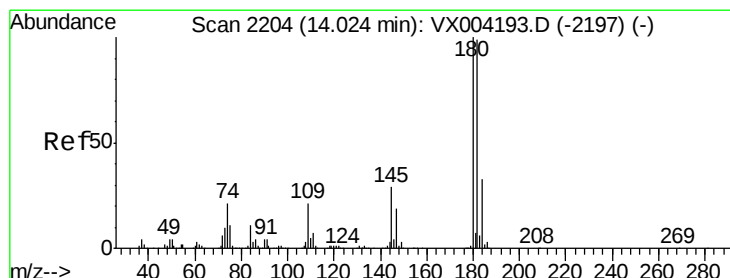
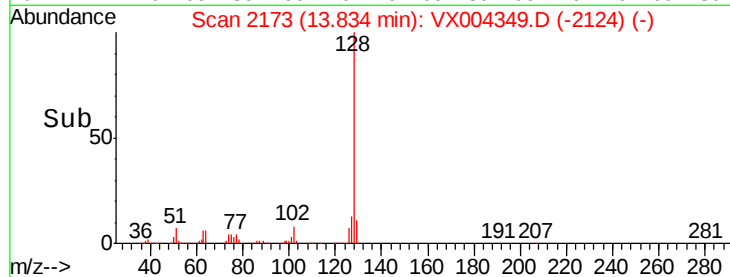
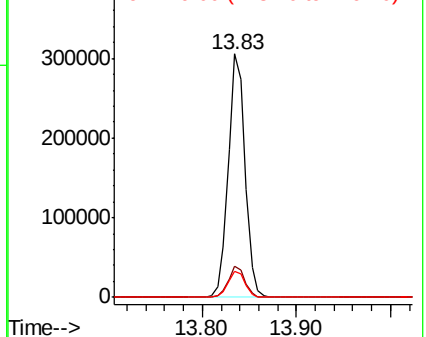


Abundance

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: 22.66 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004349.D

Acq: 04 Sep 2018 16:12

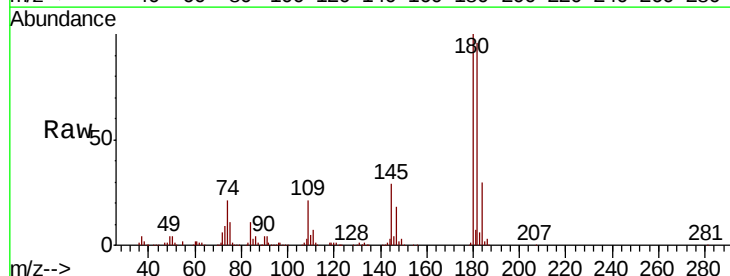
Tgt Ion:180 Resp: 134410

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 29.2 14.9 44.9



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

