

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008755.D
 Acq On : 08 Apr 2019 19:09
 Operator : JC/SP
 Sample : VX0408MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

Quant Time: Apr 09 09:22:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119153	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	128649	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	94653	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.72	98	366896	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	129089	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	34030	16.516	ug/l	97
3) Chloromethane	1.32	50	45241	16.794	ug/l	99
4) Vinyl Chloride	1.41	62	46663	16.753	ug/l	100
5) Bromomethane	1.64	94	23396	18.294	ug/l	99
6) Chloroethane	1.71	64	28779	16.916	ug/l	99
7) Trichlorofluoromethane	1.92	101	56011	18.192	ug/l	98
8) Diethyl Ether	2.19	74	26517	18.161	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33999	17.151	ug/l	96
10) Methyl Iodide	2.51	142	29280	18.923	ug/l	100
11) Tert butyl alcohol	3.06	59	64505	105.534	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35230	17.024	ug/l	98
13) Acrolein	2.29	56	33120	109.279	ug/l	100
14) Allyl chloride	2.73	41	85241	17.993	ug/l	99
15) Acrylonitrile	3.15	53	160271	98.980	ug/l	100
16) Acetone	2.45	43	147946	98.385	ug/l	98
17) Carbon Disulfide	2.57	76	100985	16.402	ug/l	99
18) Methyl Acetate	2.78	43	79695	21.852	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	142667	19.305	ug/l	98
20) Methylene Chloride	2.85	84	44304	17.601	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	40258	17.985	ug/l	92
22) Diisopropyl ether	3.86	45	172952	18.942	ug/l	95
23) Vinyl Acetate	3.82	43	776545	97.762	ug/l	99
24) 1,1-Dichloroethane	3.70	63	84384	18.666	ug/l	99
25) 2-Butanone	4.68	43	248716	104.647	ug/l	100
26) 2,2-Dichloropropane	4.59	77	58930	18.508	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	46724	18.156	ug/l	100
28) Bromochloromethane	5.02	49	37470	17.899	ug/l	100
29) Tetrahydrofuran	5.14	42	159385	101.038	ug/l	100
30) Chloroform	5.21	83	76053	18.835	ug/l	99
31) Cyclohexane	5.58	56	79935	17.720	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	60962	18.683	ug/l	100
36) 1,1-Dichloropropene	5.80	75	58282	17.647	ug/l	99
37) Ethyl Acetate	4.84	43	88735	20.129	ug/l	99
38) Carbon Tetrachloride	5.79	117	50079	18.320	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70717	17.333	ug/l	100
40) Benzene	6.15	78	180120	18.307	ug/l	100
41) Methacrylonitrile	5.05	41	49929	19.704	ug/l	99
42) 1,2-Dichloroethane	6.20	62	65258	18.501	ug/l	100
43) Isopropyl Acetate	6.45	43	134713	19.507	ug/l	100
44) Trichloroethene	7.21	130	40754	17.784	ug/l	96
45) 1,2-Dichloropropane	7.52	63	51254	18.251	ug/l	99
46) Dibromomethane	7.66	93	29273	17.972	ug/l	99
47) Bromodichloromethane	7.90	83	56874	18.519	ug/l	100
48) Methyl methacrylate	7.77	41	67187	19.233	ug/l	99
49) 1,4-Dioxane	7.74	88	25980	397.013	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	449839	101.190	ug/l	100
52) Toluene	8.79	92	104933	18.090	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63657	18.505	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	73749	18.762	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	44190	18.979	ug/l	99
56) Ethyl methacrylate	9.18	69	79611	18.897	ug/l	99
57) 1,3-Dichloropropane	9.37	76	78425	18.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	202389	94.084	ug/l	100
59) 2-Hexanone	9.49	43	355072	102.777	ug/l	100
60) Dibromochloromethane	9.59	129	41464	18.898	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45626	18.823	ug/l	99
64) Tetrachloroethene	9.34	164	35051	18.156	ug/l	96
65) Chlorobenzene	10.14	112	107339	18.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39146	19.318	ug/l	100
67) Ethyl Benzene	10.25	91	196504	18.244	ug/l	99
68) m/p-Xylenes	10.36	106	141857	36.631	ug/l	99
69) o-Xylene	10.70	106	69161	18.428	ug/l	100
70) Styrene	10.71	104	121038	18.710	ug/l	100
71) Bromoform	10.86	173	29644	19.154	ug/l #	98
73) Isopropylbenzene	11.02	105	185530	18.789	ug/l	99
74) N-amyl acetate	10.90	43	113907	19.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73833	19.660	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	85840	26.225	ug/l	78
77) Bromobenzene	11.26	156	44930	18.927	ug/l	99
78) n-propylbenzene	11.36	91	211391	18.386	ug/l	99
79) 2-Chlorotoluene	11.42	91	126439	18.172	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	157071	18.950	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22978	19.351	ug/l	94
82) 4-Chlorotoluene	11.51	91	144409	17.930	ug/l	98
83) tert-Butylbenzene	11.77	119	153365	19.232	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	157931	18.817	ug/l	100
85) sec-Butylbenzene	11.94	105	178188	18.812	ug/l	99
86) p-Isopropyltoluene	12.06	119	158649	18.661	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76749	18.060	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76911	17.872	ug/l	98
89) n-Butylbenzene	12.39	91	145935	18.303	ug/l	100
90) Hexachloroethane	12.60	117	26023	18.455	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	77782	18.434	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16056	19.435	ug/l	99

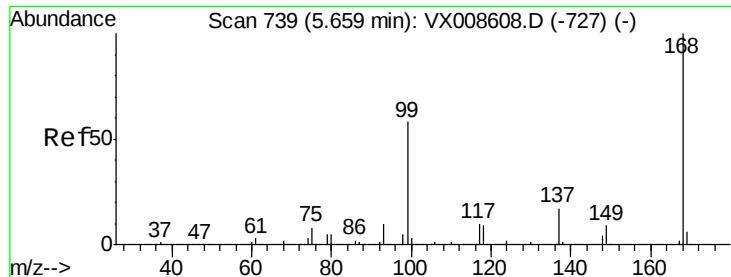
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
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Quant Time: Apr 09 09:22:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53667	18.293	ug/l	99
94) Hexachlorobutadiene	13.78	225	26975	19.172	ug/l	100
95) Naphthalene	13.83	128	189790	19.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54205	18.492	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

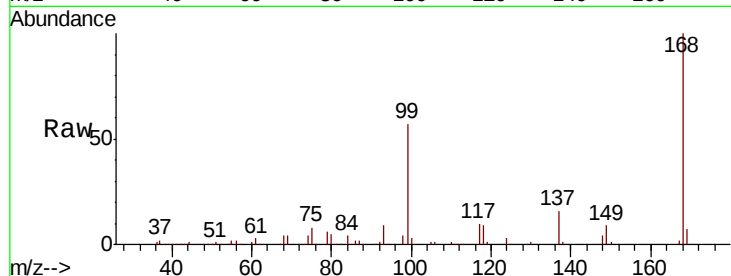
VX0408MBSD01

Tot Ion:168 Resp: 178999

Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

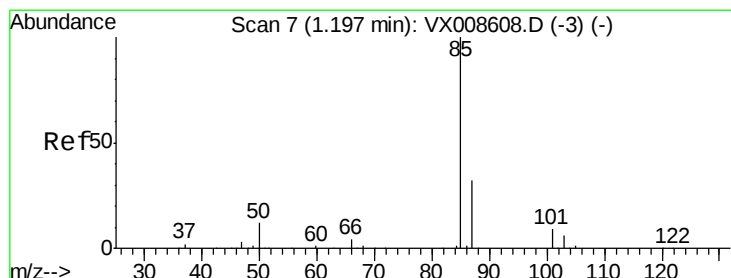
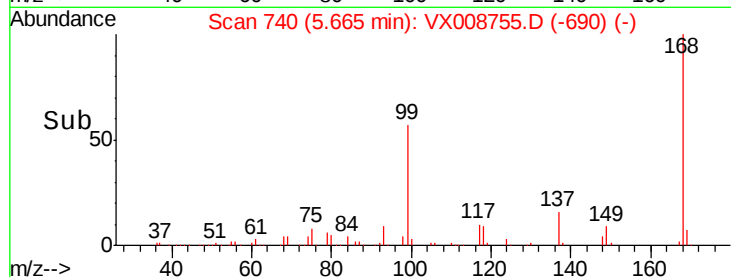
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.516 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008755.D

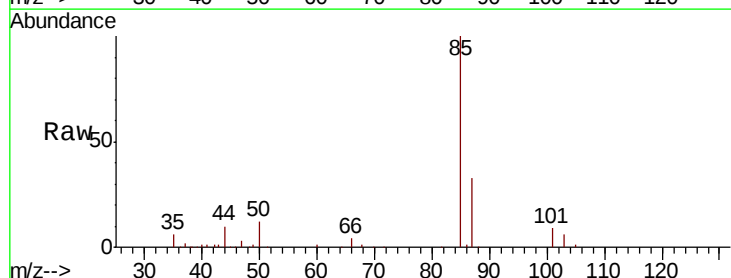
Acq: 08 Apr 2019 19:09

Tgt Ion: 85 Resp: 34030

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

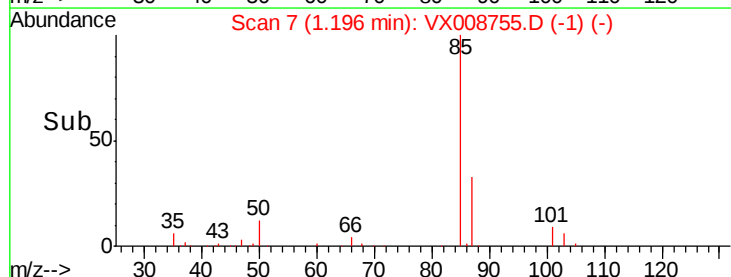
30000

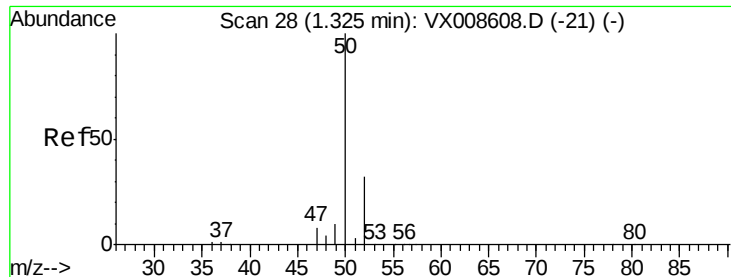
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.794 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

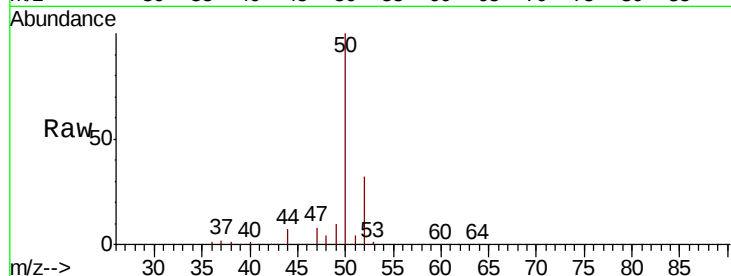
VX0408MBSD01

Tot Ion: 50 Resp: 45241

Ion Ratio Lower Upper

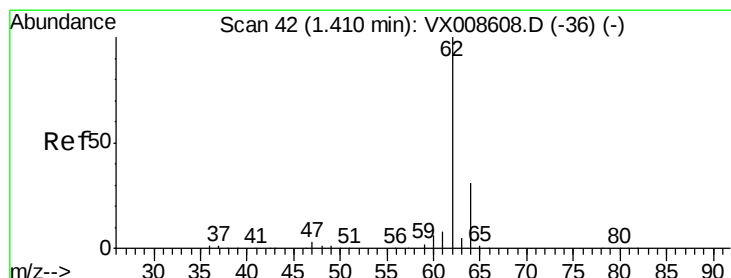
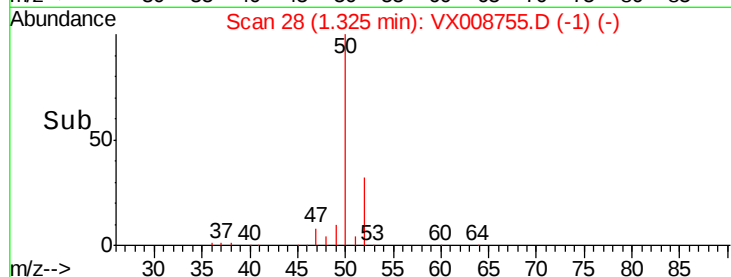
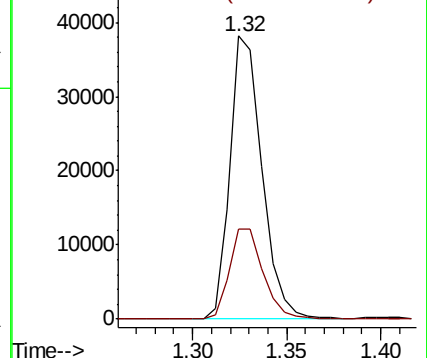
50 100

52 31.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.753 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008755.D

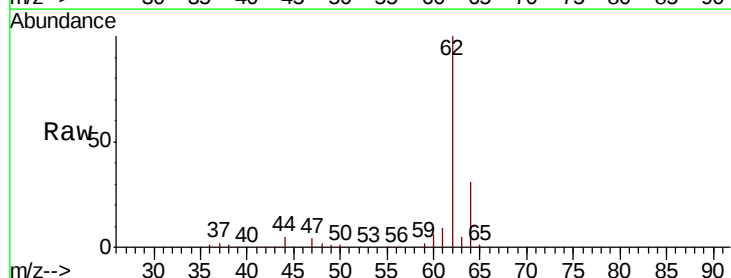
Acq: 08 Apr 2019 19:09

Tgt Ion: 62 Resp: 46663

Ion Ratio Lower Upper

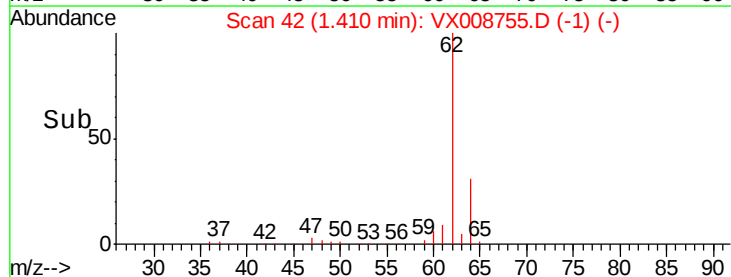
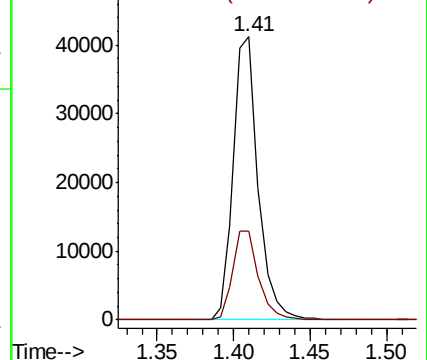
62 100

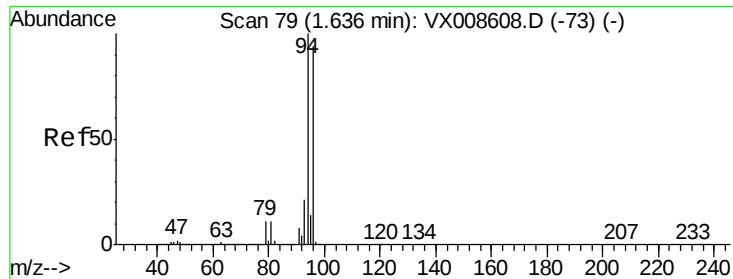
64 31.1 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.294 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

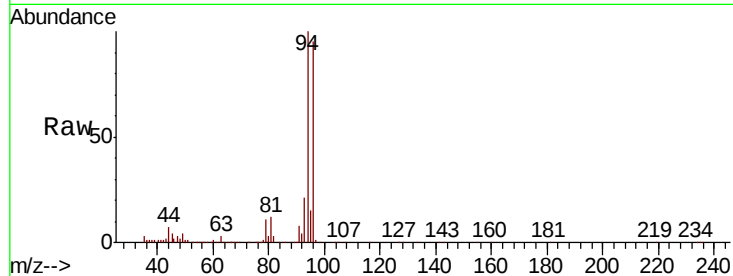
VX0408MBSD01

Tot Ion: 94 Resp: 23396

Ion Ratio Lower Upper

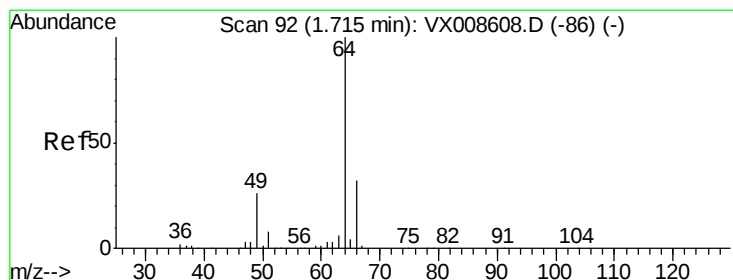
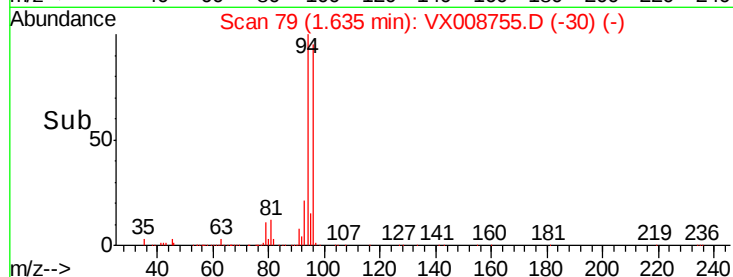
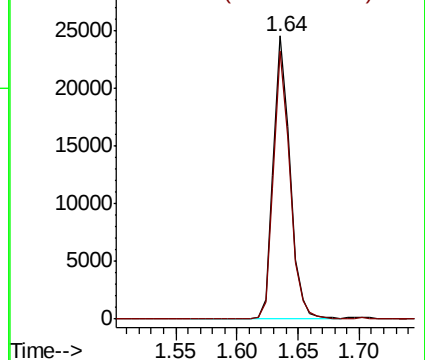
94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.916 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008755.D

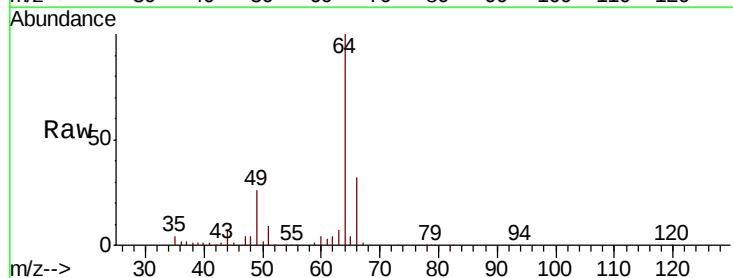
Acq: 08 Apr 2019 19:09

Tgt Ion: 64 Resp: 28779

Ion Ratio Lower Upper

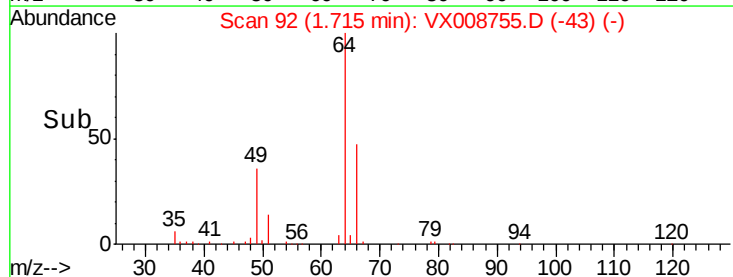
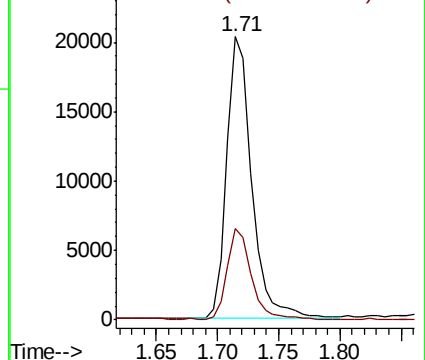
64 100

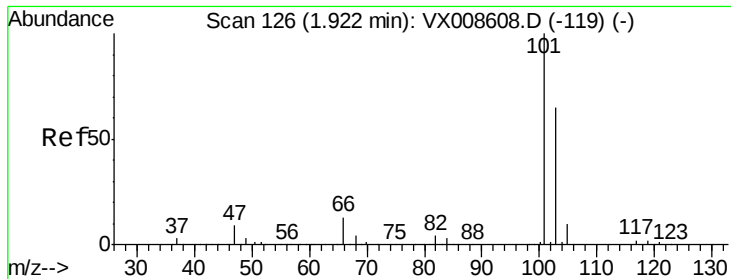
66 32.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



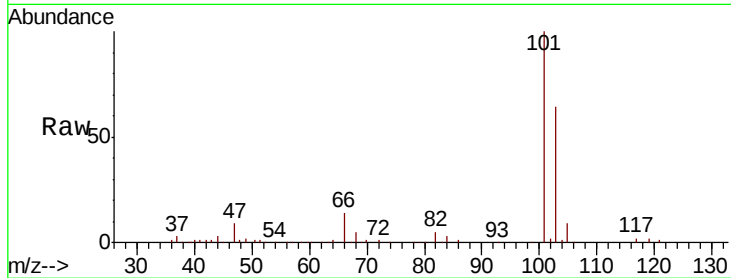


#7

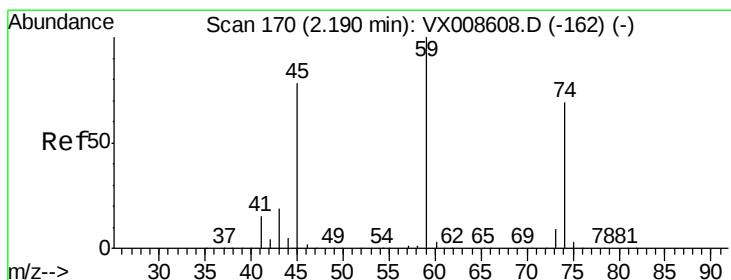
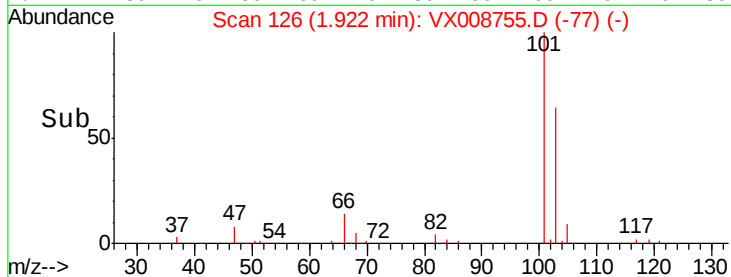
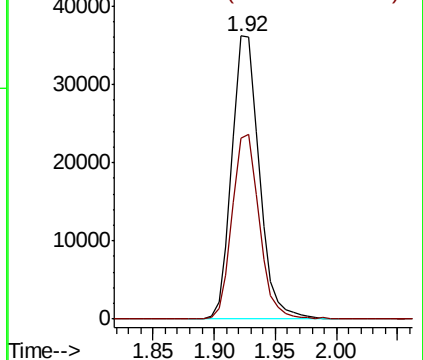
Trichlorofluoromethane
 Concen: 18.192 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

Tot Ion:101 Resp: 56011
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5



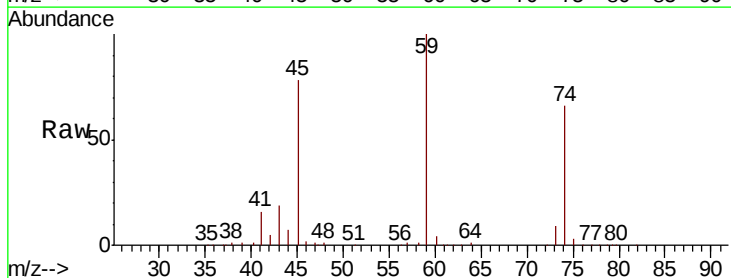
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



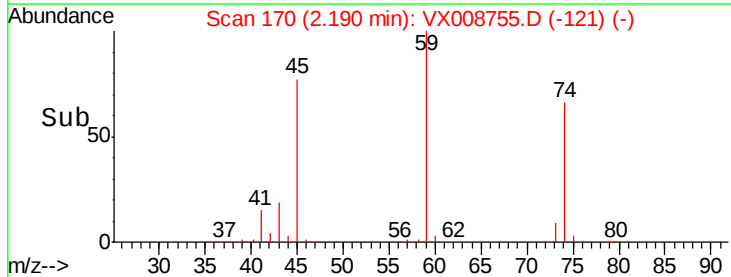
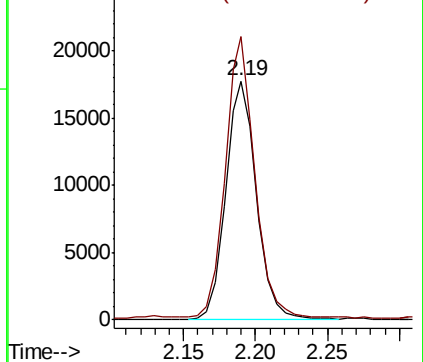
#8

Diethyl Ether
 Concen: 18.161 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion: 74 Resp: 26517
 Ion Ratio Lower Upper
 74 100
 45 113.0 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.151 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBS01

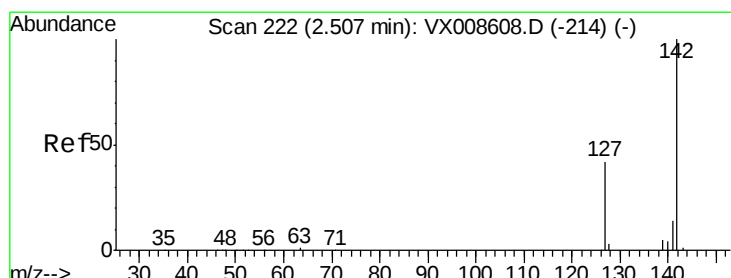
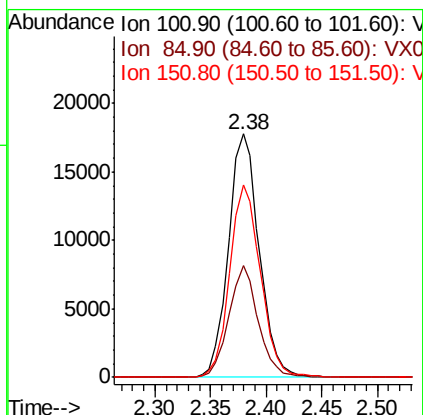
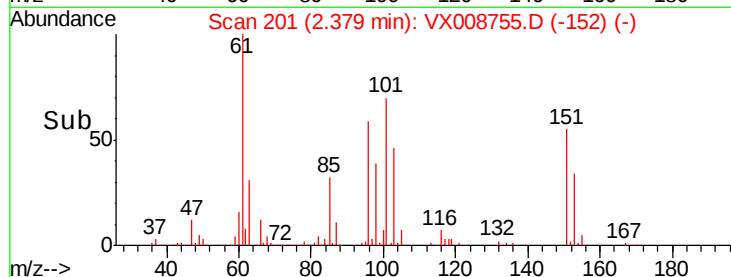
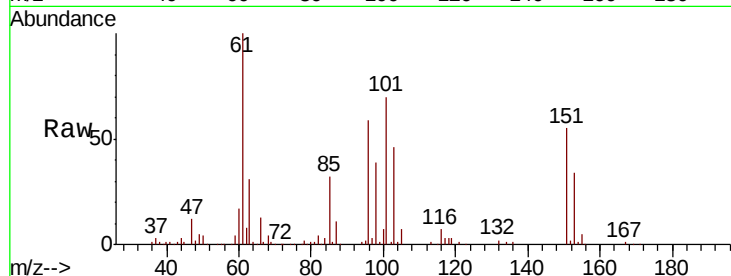
Tot Ion:101 Resp: 33999

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

151 79.1 59.9 89.9



#10

Methyl Iodide

Concen: 18.923 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

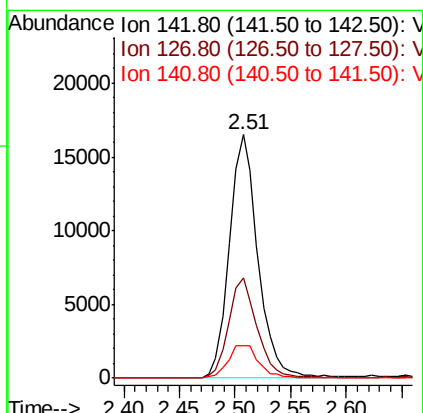
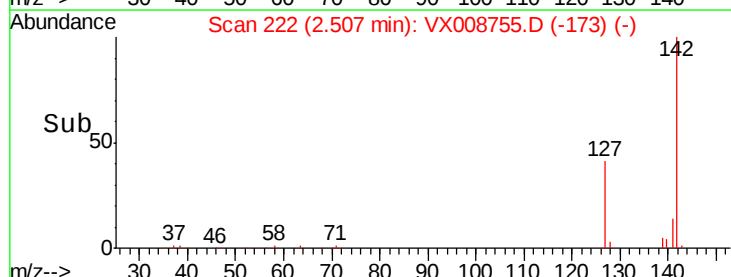
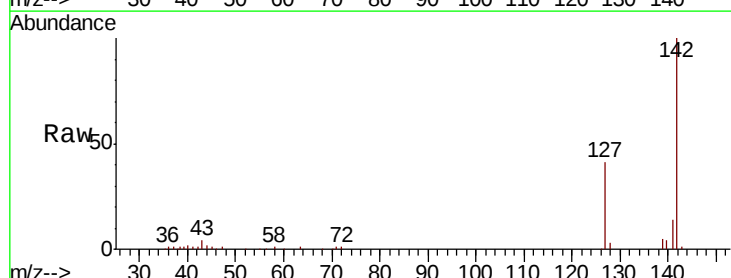
Tgt Ion:142 Resp: 29280

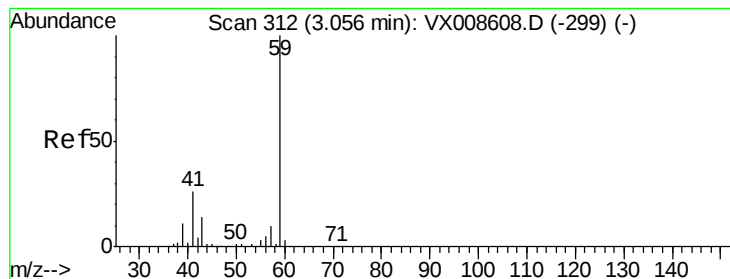
Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.6

141 14.5 11.4 17.2



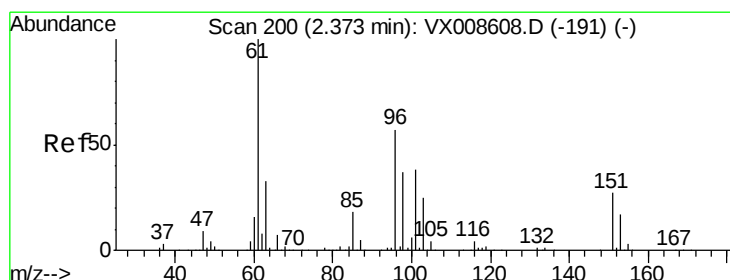
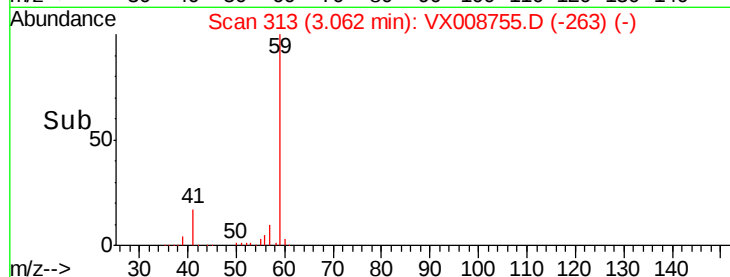
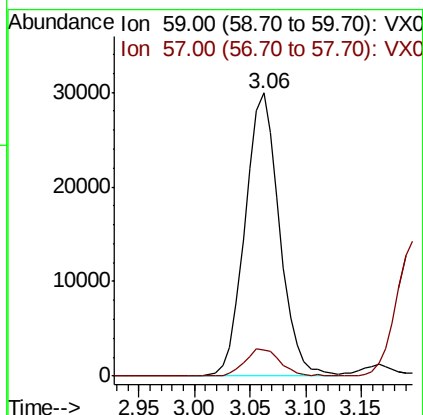
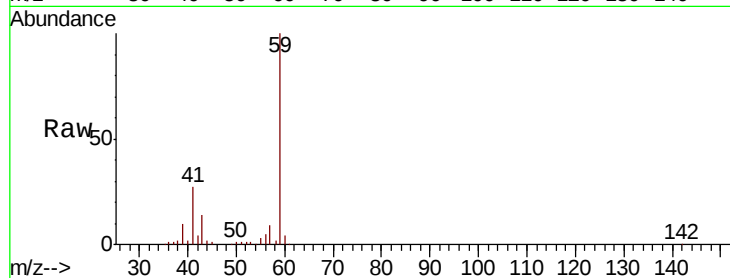


#11

Tert butyl alcohol
 Concen: 105.534 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

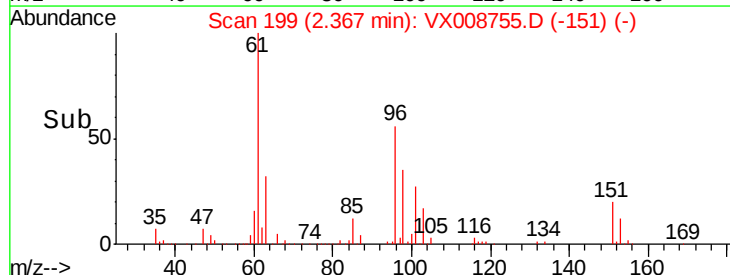
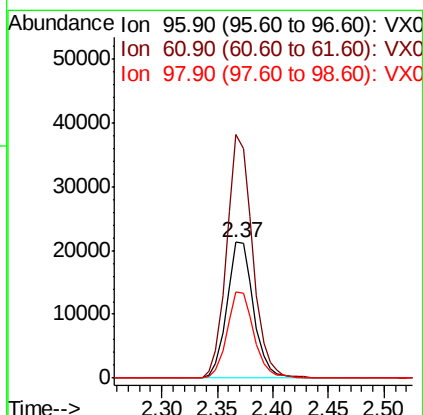
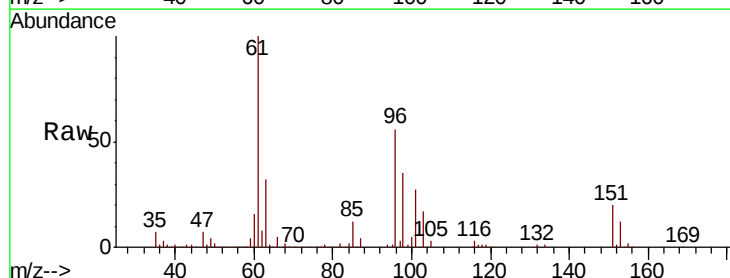
Tot Ion: 59 Resp: 64505
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

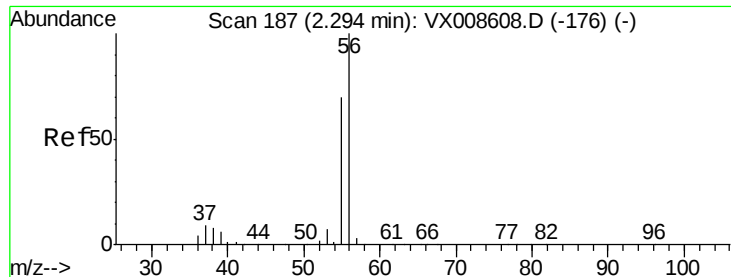


#12

1,1-Dichloroethene
 Concen: 17.024 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion: 96 Resp: 35230
 Ion Ratio Lower Upper
 96 100
 61 179.3 140.9 211.3
 98 63.1 52.1 78.1





#13

Acrolein

Concen: 109.279 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

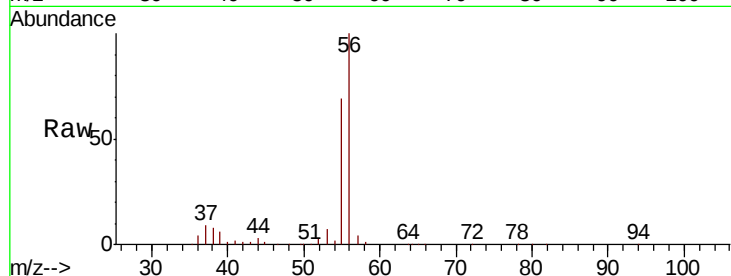
VX0408MBSD01

Tot Ion: 56 Resp: 33120

Ion Ratio Lower Upper

56 100

55 72.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

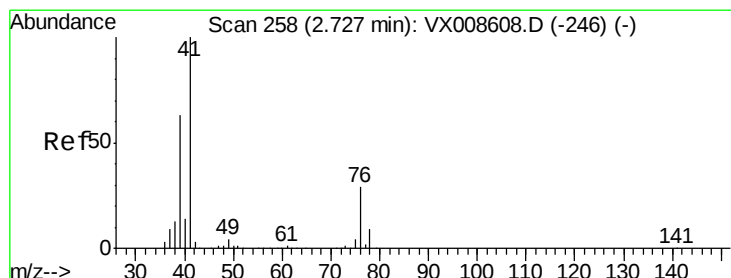
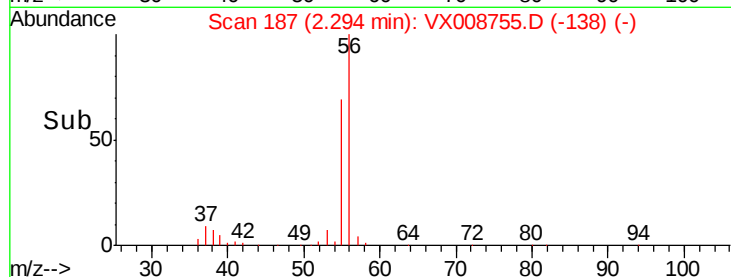
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 17.993 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

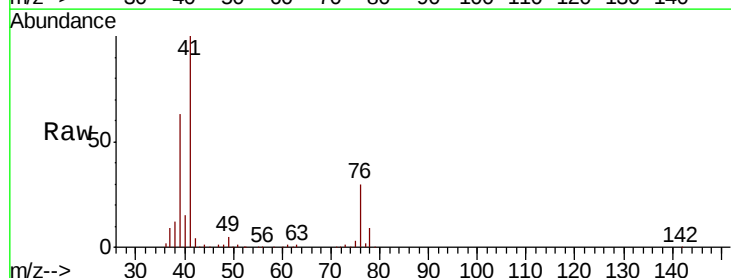
Tgt Ion: 41 Resp: 85241

Ion Ratio Lower Upper

41 100

39 59.4 48.0 72.0

76 27.0 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

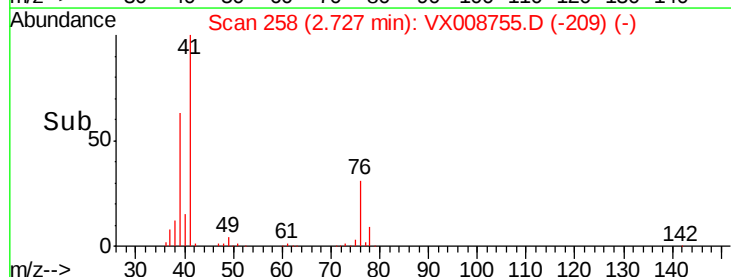
40000

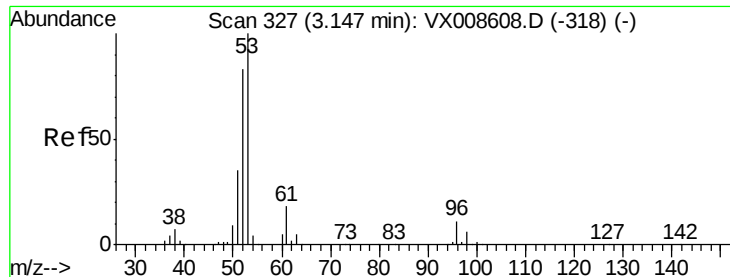
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.980 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleID :

VX0408MBS01

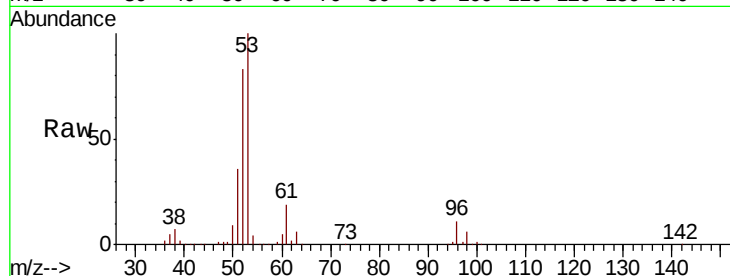
Tot Ion: 53 Resp: 160271

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

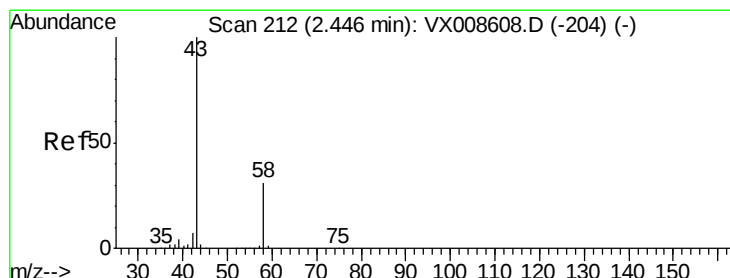
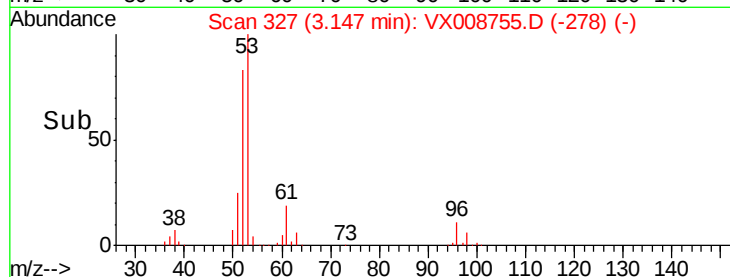
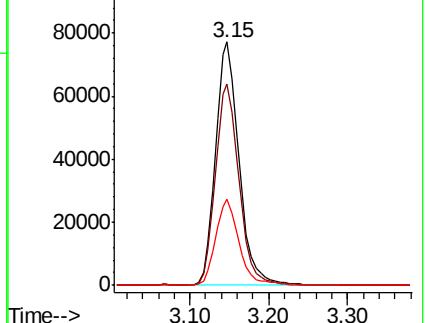
51 35.1 28.6 42.8



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: 98.385 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008755.D

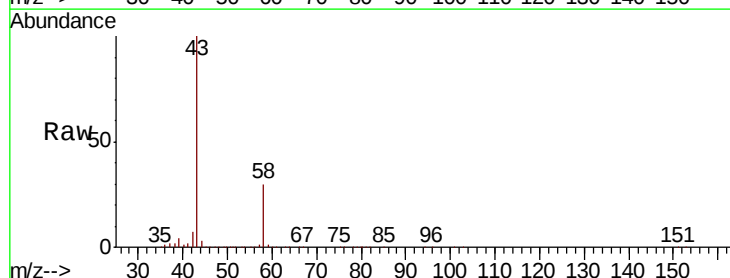
Acq: 08 Apr 2019 19:09

Tgt Ion: 43 Resp: 147946

Ion Ratio Lower Upper

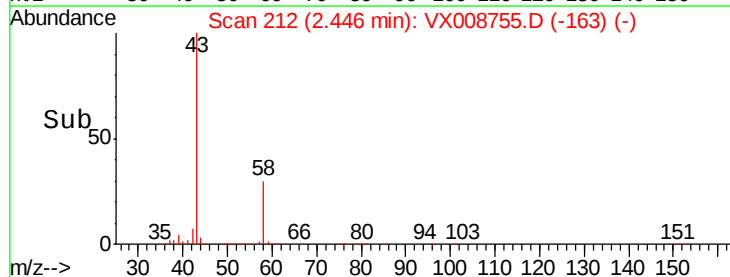
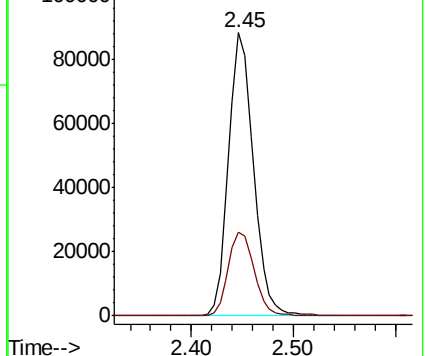
43 100

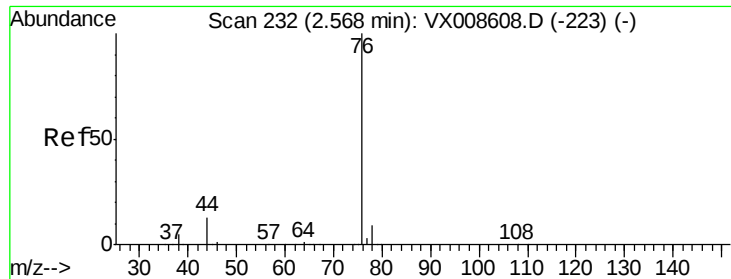
58 29.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

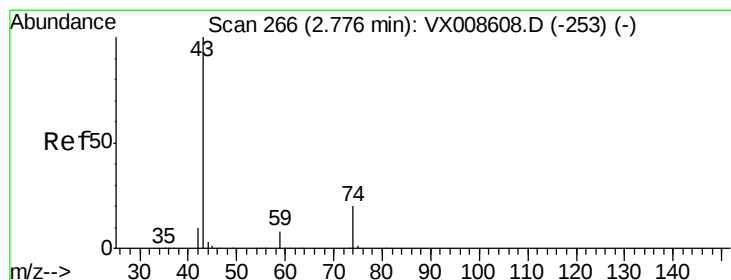
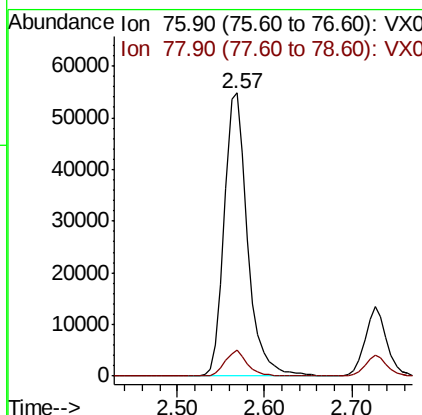
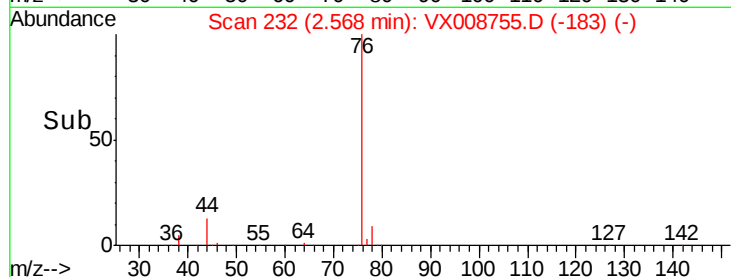
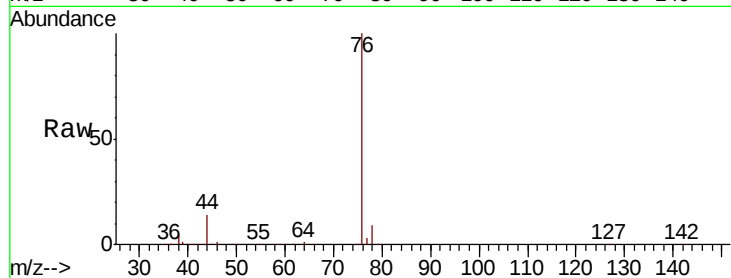




#17
Carbon Disulfide
Concen: 16.402 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

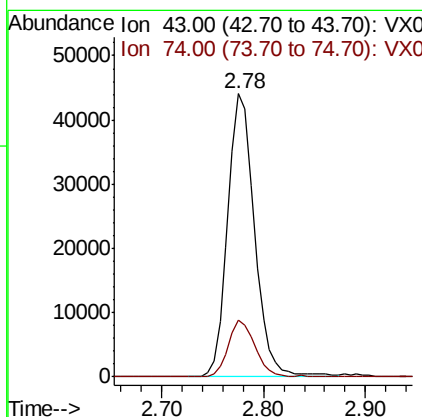
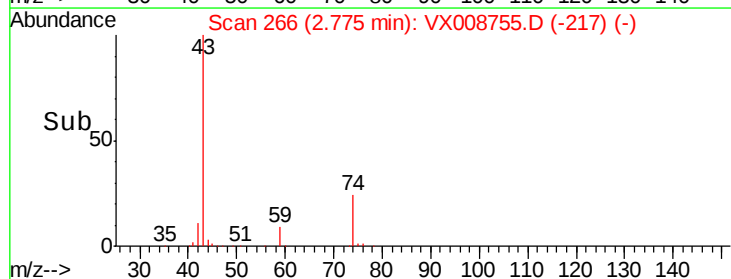
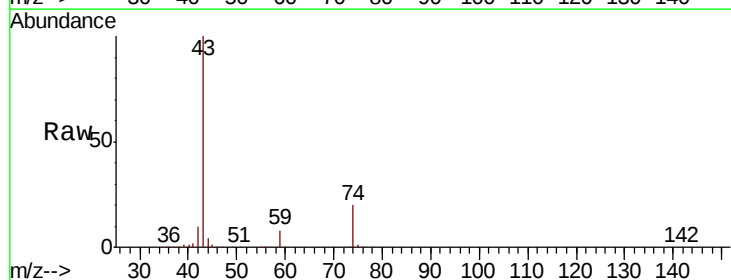
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

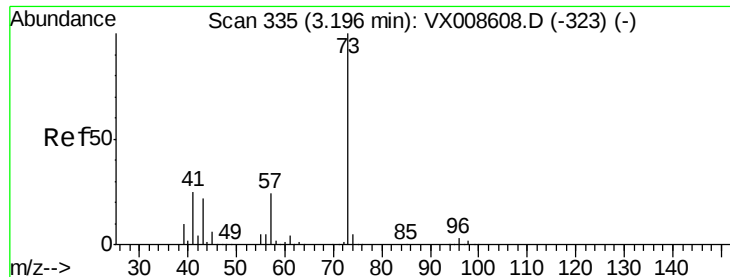
Tot Ion: 76 Resp: 100985
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 21.852 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 43 Resp: 79695
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7

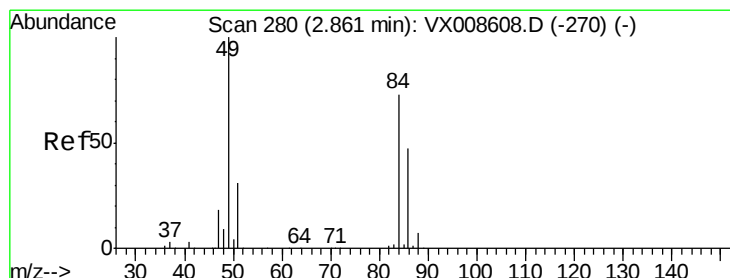
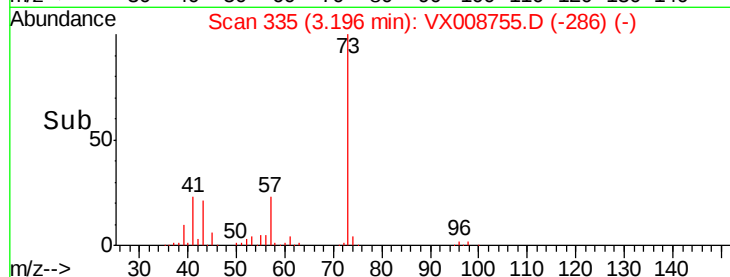
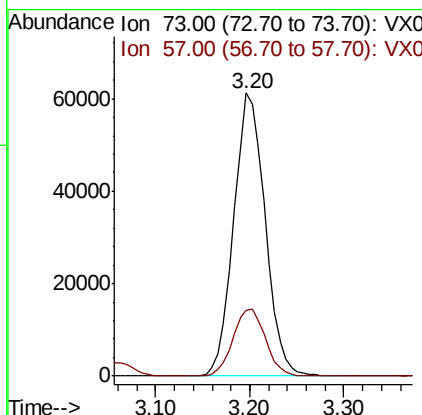
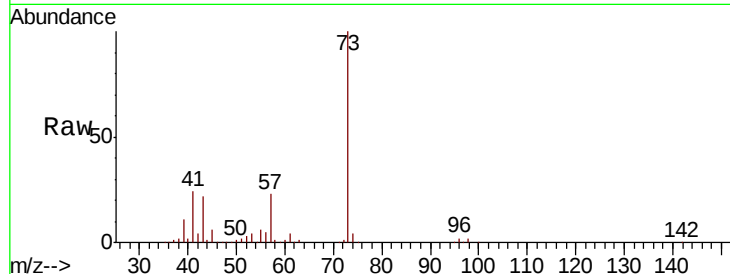




#19
Methyl tert-butyl Ether
Concen: 19.305 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

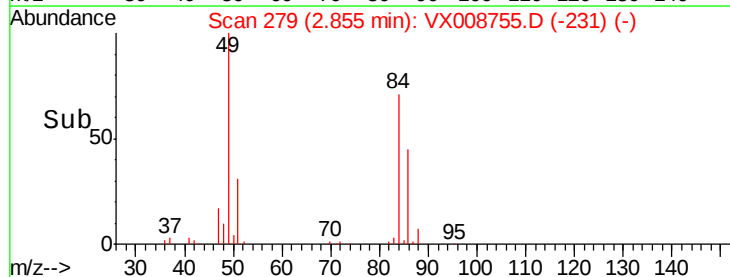
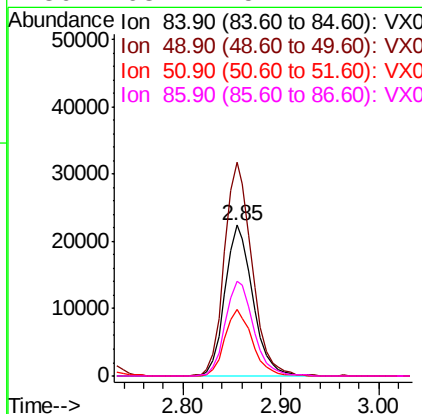
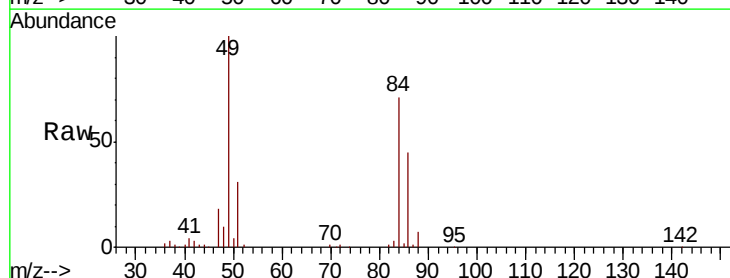
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

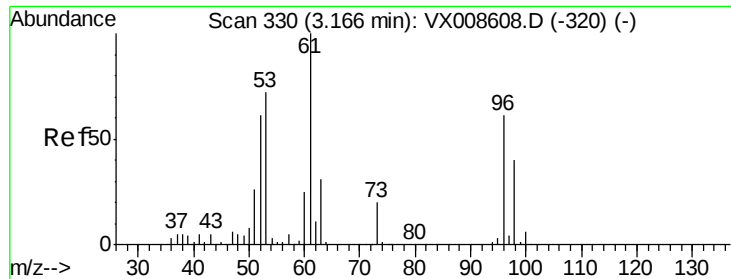
Tot Ion: 73 Resp: 142667
Ion Ratio Lower Upper
73 100
57 23.4 19.5 29.3



#20
Methylene Chloride
Concen: 17.601 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 84 Resp: 44304
Ion Ratio Lower Upper
84 100
49 141.4 109.7 164.5
51 44.0 33.6 50.4
86 63.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.985 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

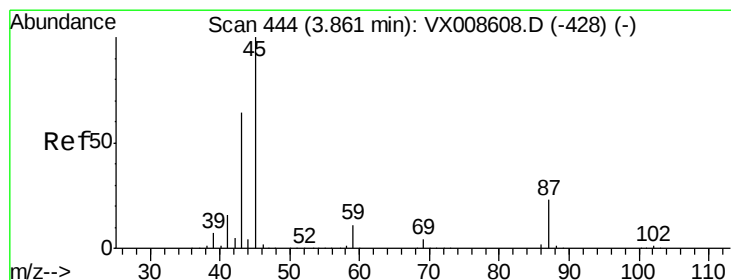
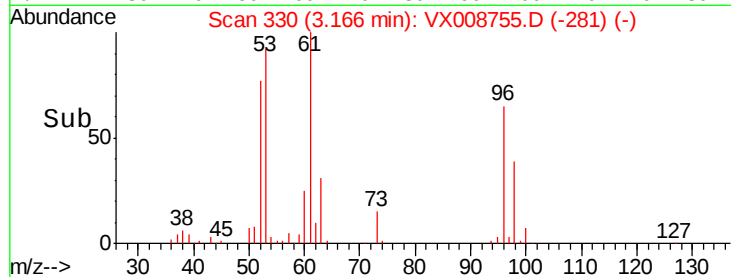
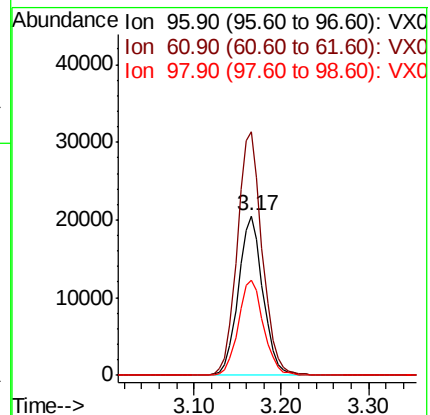
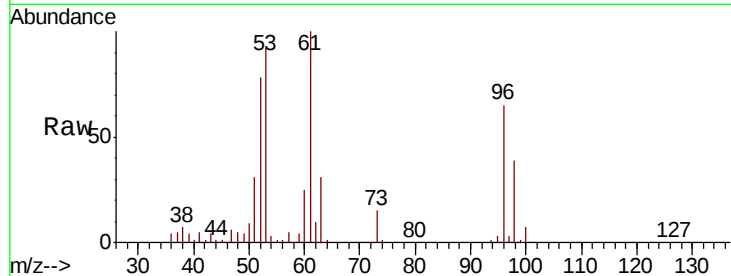
Tot Ion: 96 Resp: 40258

Ion Ratio Lower Upper

96 100

61 152.9 132.1 198.1

98 60.1 52.2 78.2



#22

Diisopropyl ether

Concen: 18.942 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Tgt Ion: 45 Resp: 172952

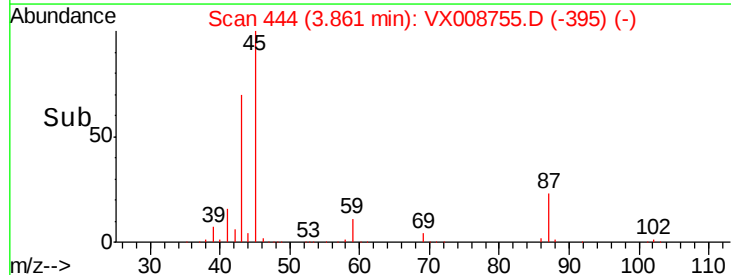
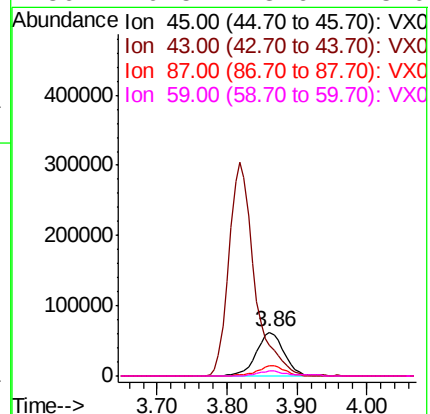
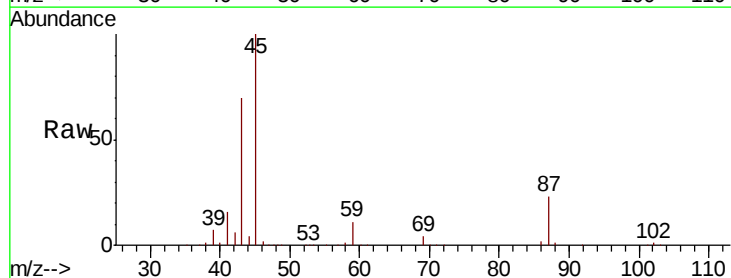
Ion Ratio Lower Upper

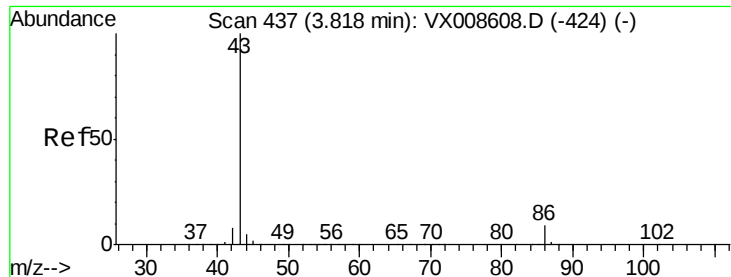
45 100

43 69.8 51.3 76.9

87 23.3 18.1 27.1

59 10.5 8.6 13.0





#23

Vinyl Acetate

Concen: 97.762 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

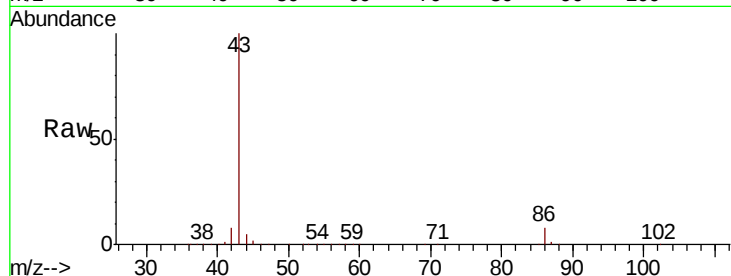
VX0408MBSD01

Tot Ion: 43 Resp: 776545

Ion Ratio Lower Upper

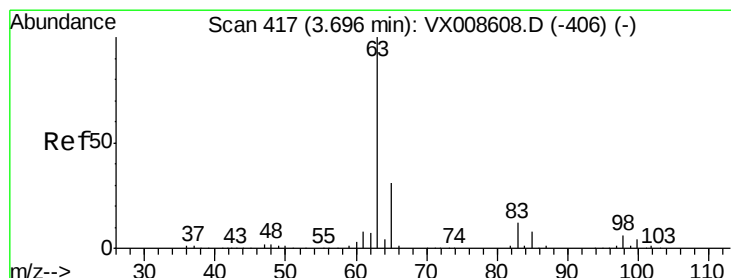
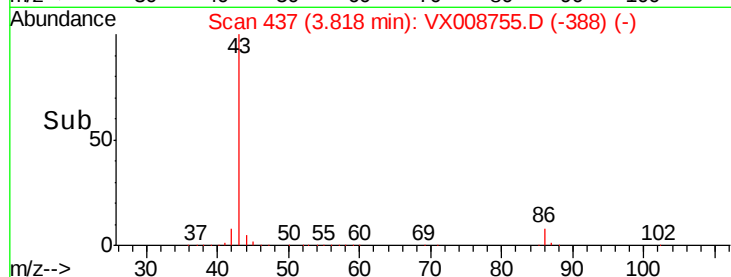
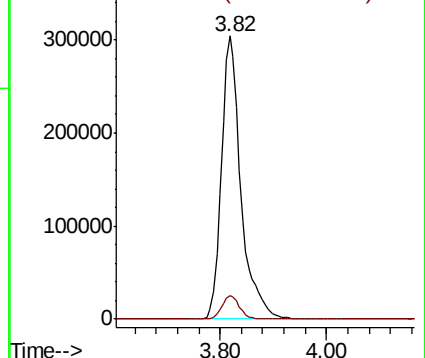
43 100

86 8.3 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.666 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

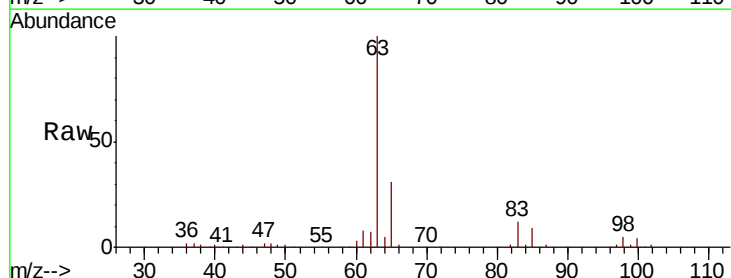
Tgt Ion: 63 Resp: 84384

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

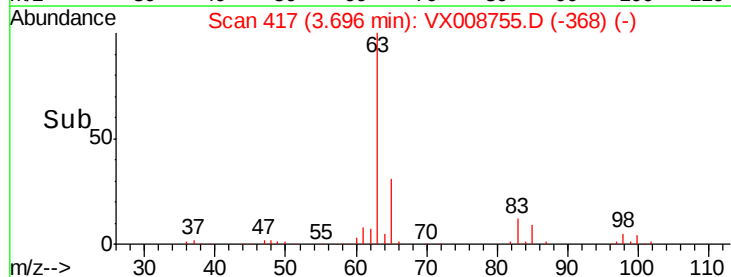
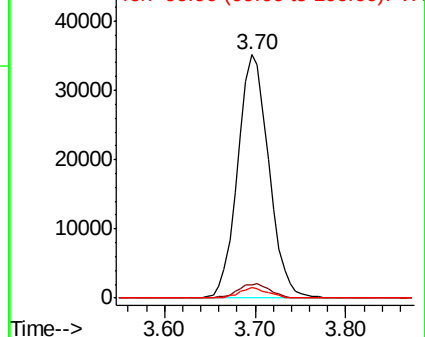
100 4.2 1.8 5.5

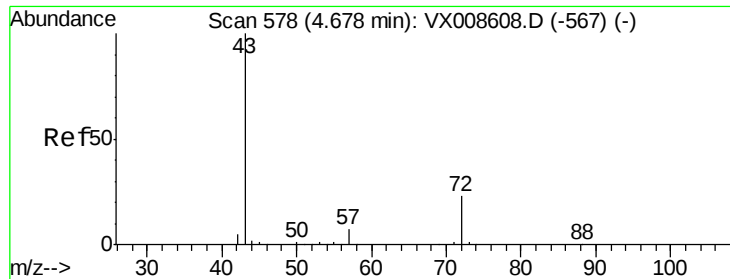


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.647 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

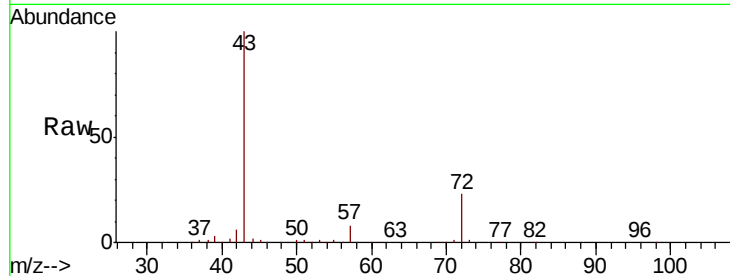
VX0408MBSD01

Tot Ion: 43 Resp: 248716

Ion Ratio Lower Upper

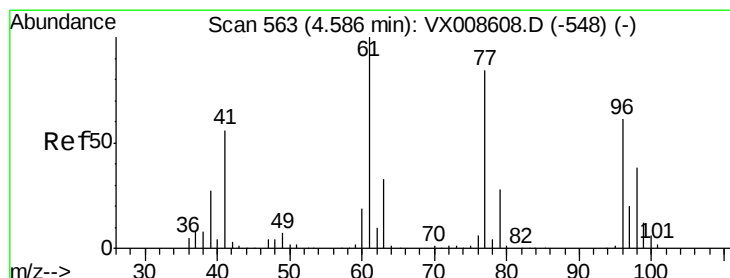
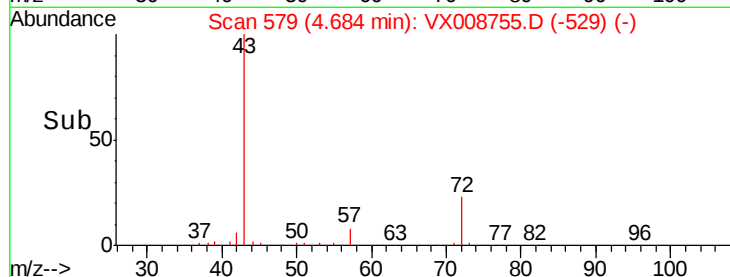
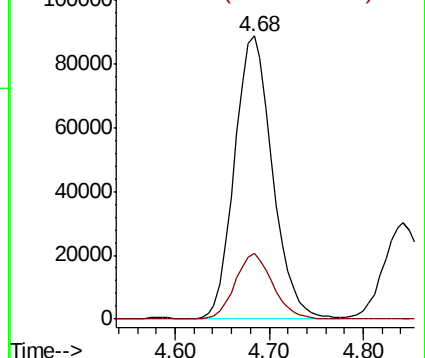
43 100

72 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.508 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008755.D

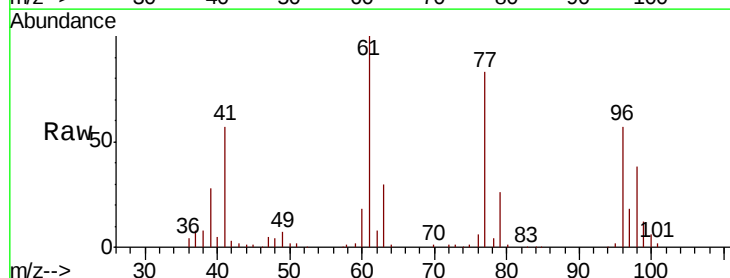
Acq: 08 Apr 2019 19:09

Tgt Ion: 77 Resp: 58930

Ion Ratio Lower Upper

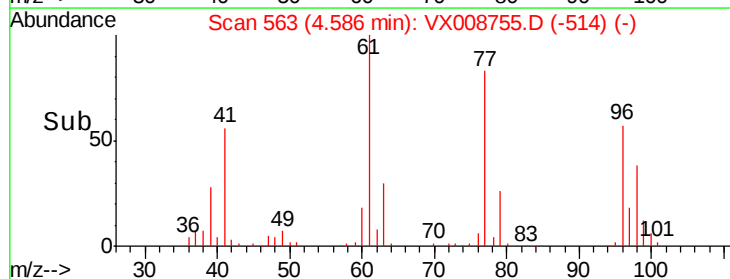
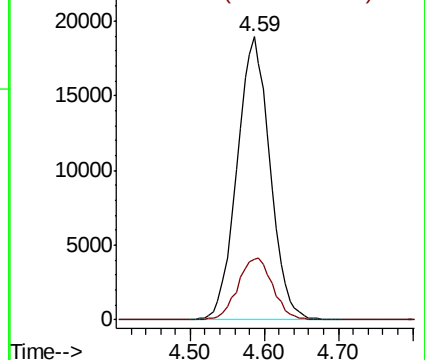
77 100

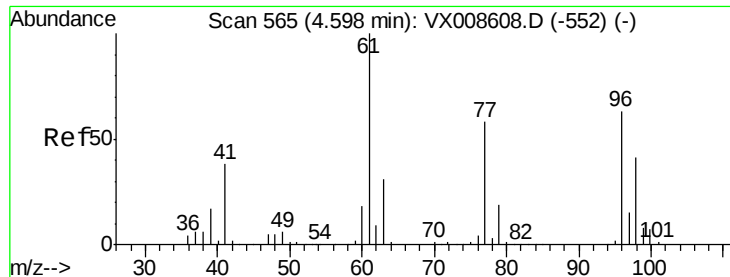
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



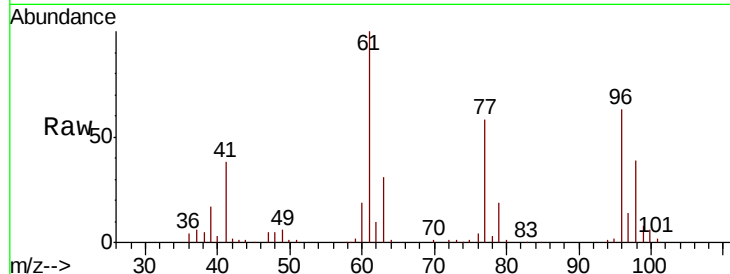


#27

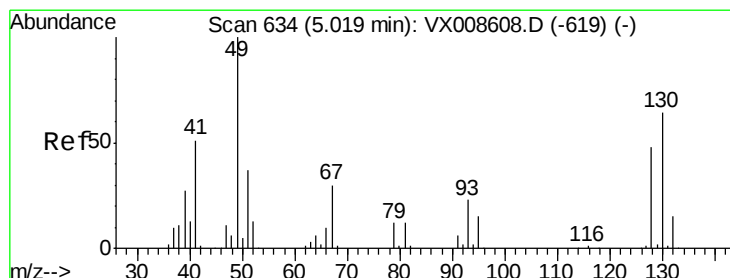
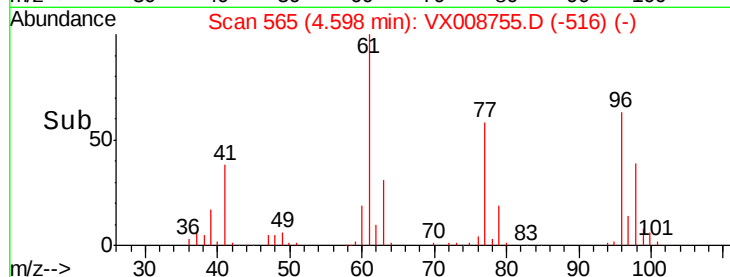
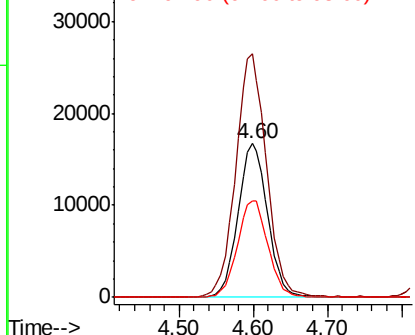
cis-1,2-Dichloroethene
Concen: 18.156 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

Tot Ion: 96 Resp: 46724
Ion Ratio Lower Upper
96 100
61 164.1 0.0 327.6
98 64.5 0.0 128.6



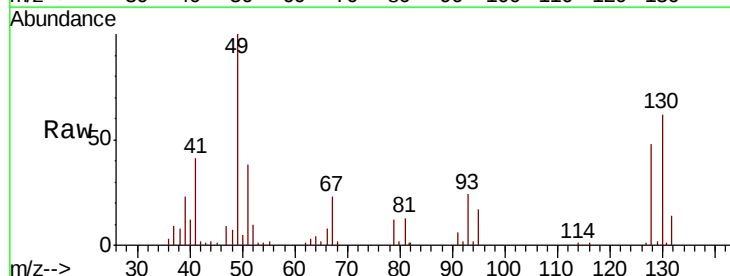
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



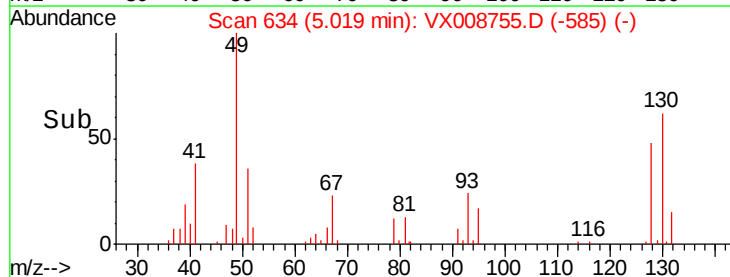
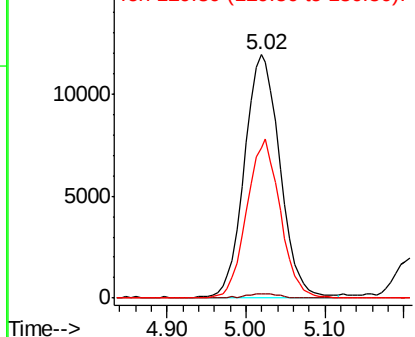
#28

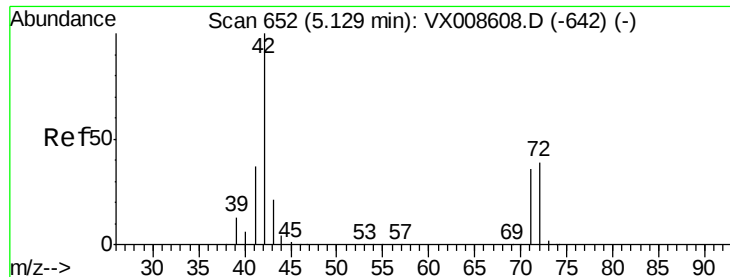
Bromochloromethane
Concen: 17.899 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 49 Resp: 37470
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 61.4 49.3 73.9



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: 101.038 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

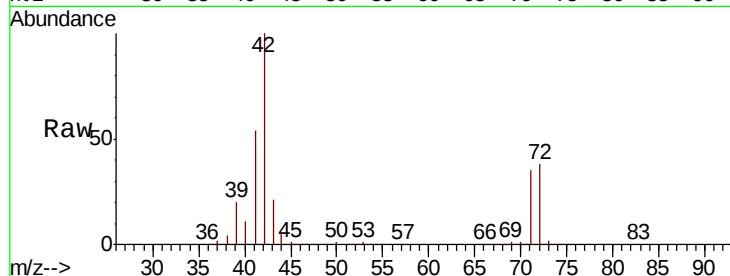
Tot Ion: 42 Resp: 159385

Ion Ratio Lower Upper

42 100

72 38.3 30.5 45.7

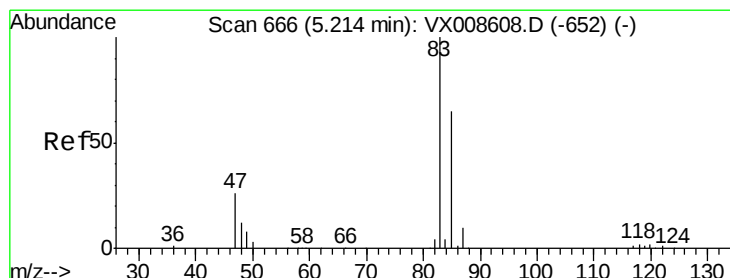
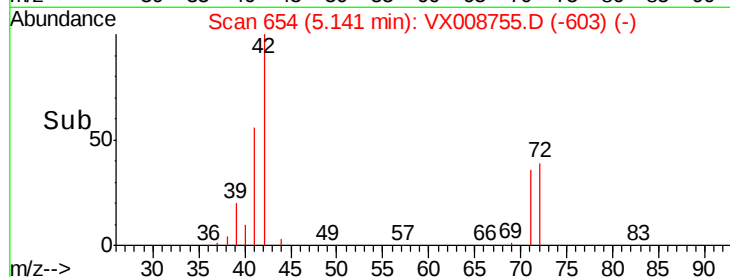
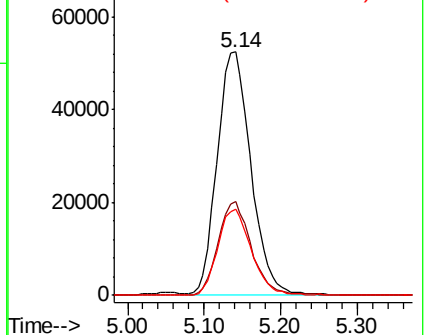
71 35.5 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.835 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008755.D

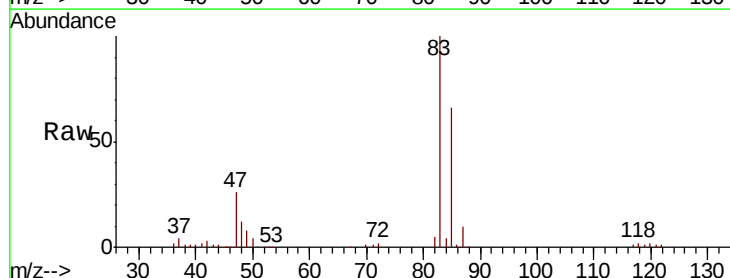
Acq: 08 Apr 2019 19:09

Tgt Ion: 83 Resp: 76053

Ion Ratio Lower Upper

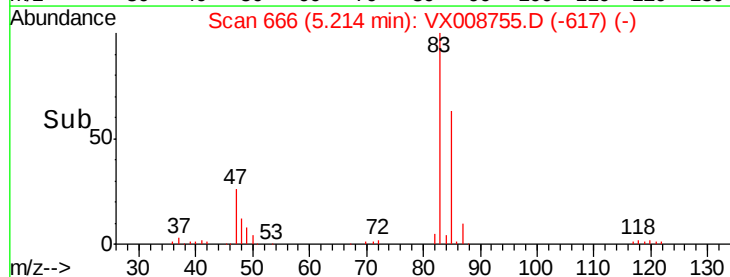
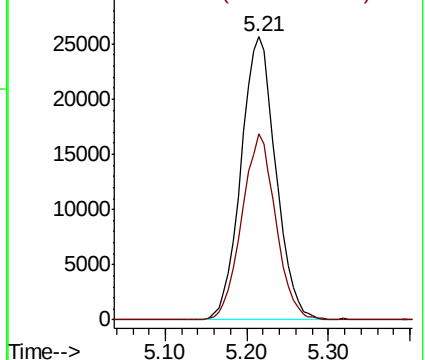
83 100

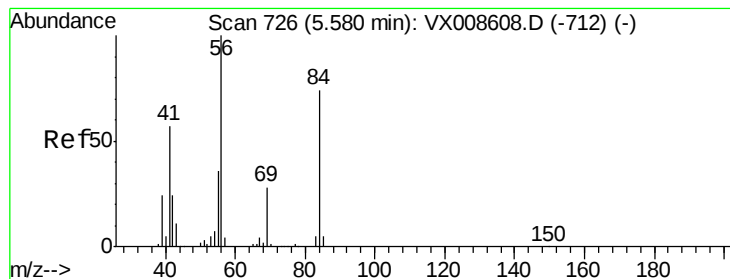
85 65.6 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.720 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

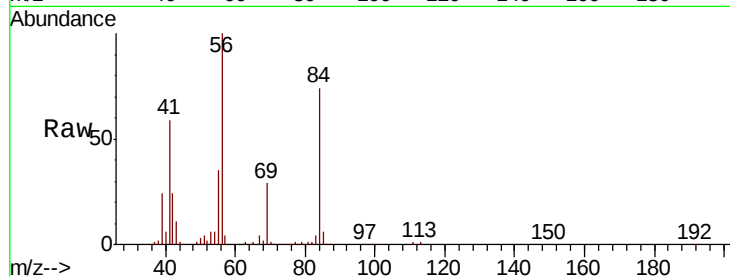
Tot Ion: 56 Resp: 79935

Ion Ratio Lower Upper

56 100

69 29.0 22.6 33.8

84 73.1 59.3 88.9

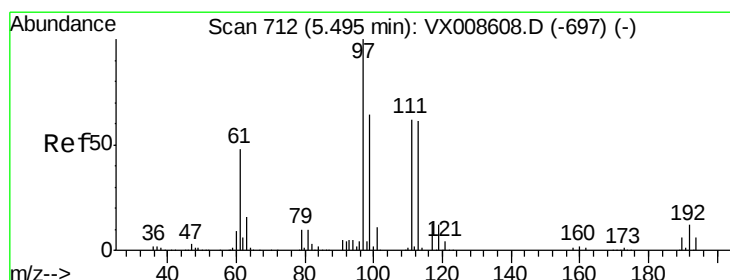
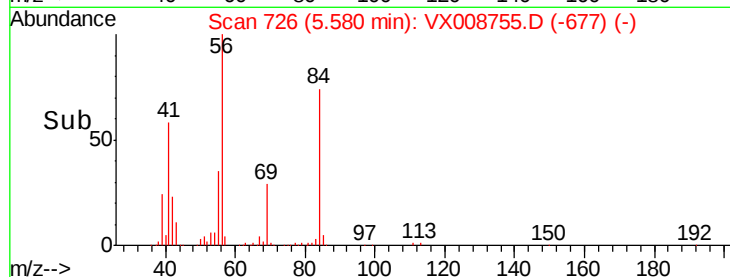
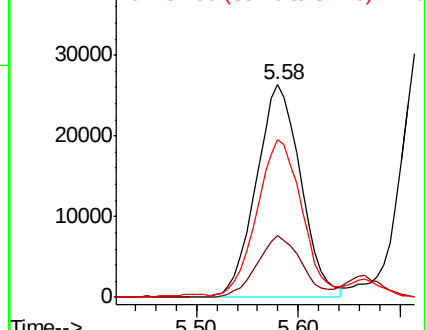


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.683 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

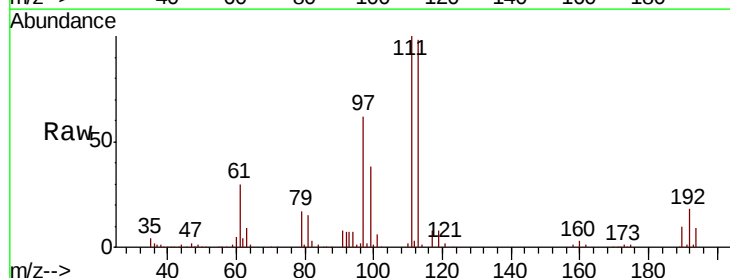
Tgt Ion: 97 Resp: 60962

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 48.7 38.9 58.3

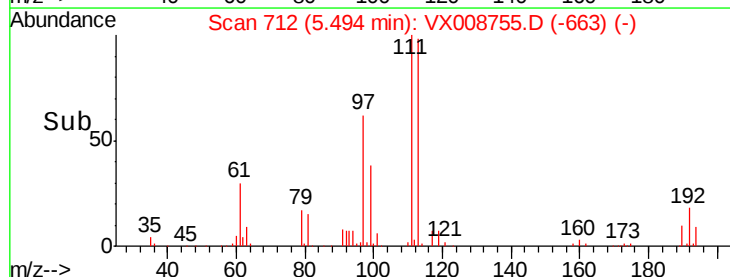
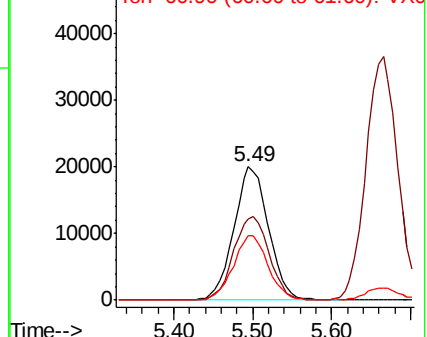


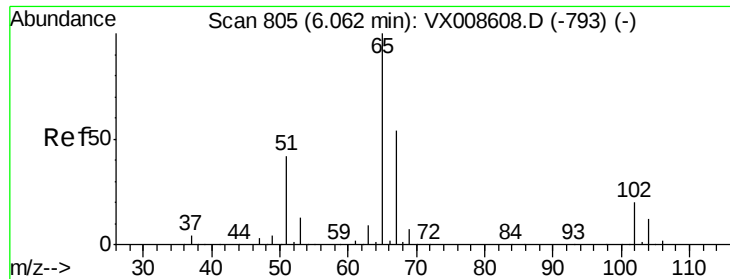
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

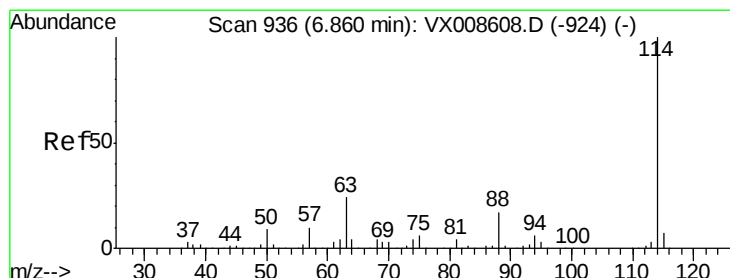
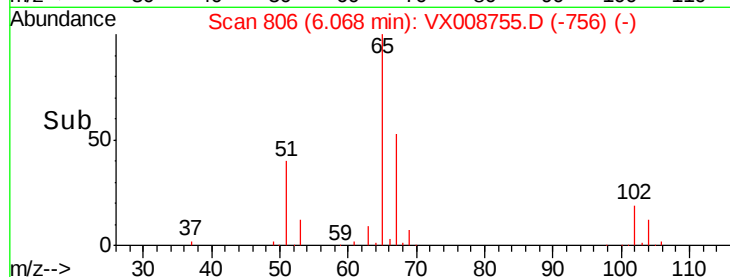
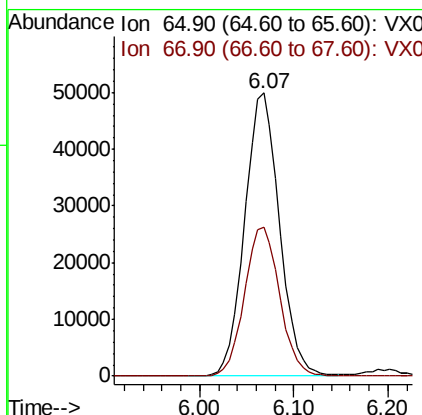
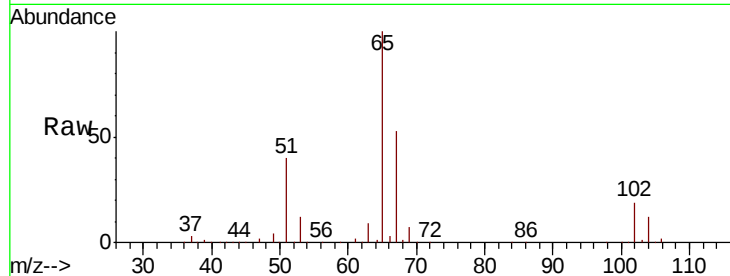




#33
 1,2-Dichloroethane-d4
 Concen: 49.276 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

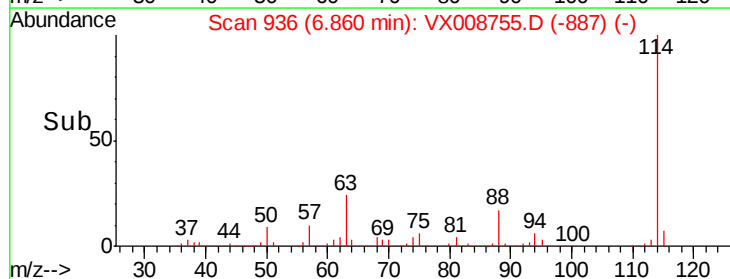
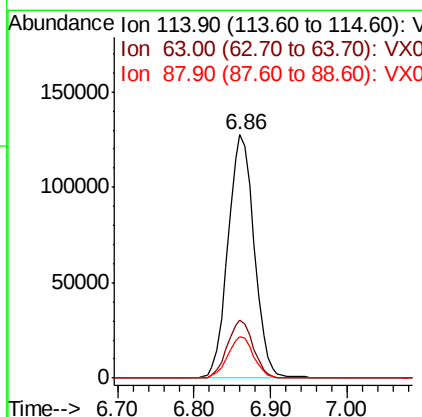
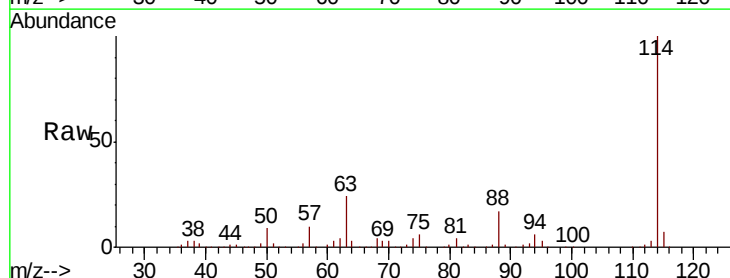
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

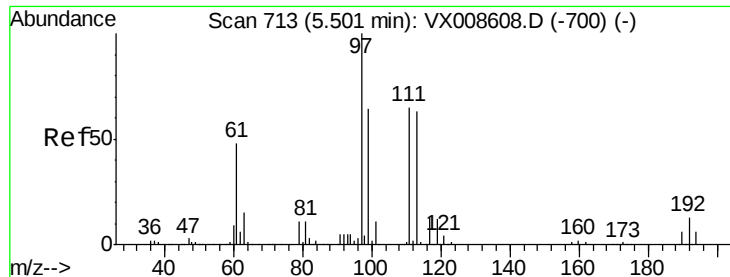
Tot Ion: 65 Resp: 128649
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion: 114 Resp: 302138
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.2
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.998 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBS01

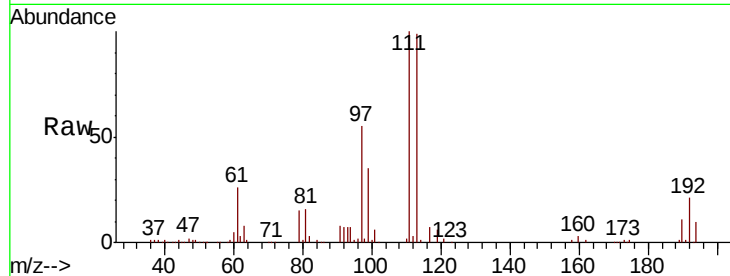
Tot Ion:113 Resp: 94653

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

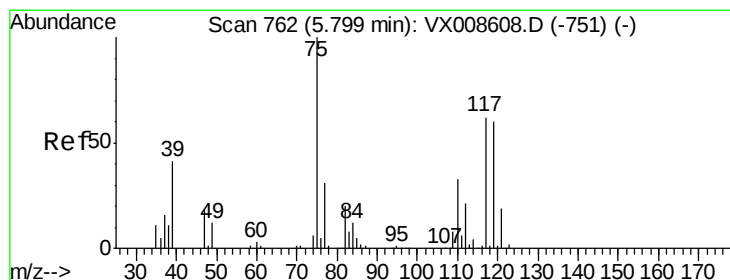
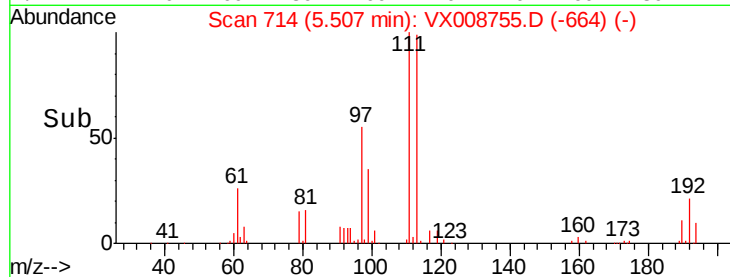
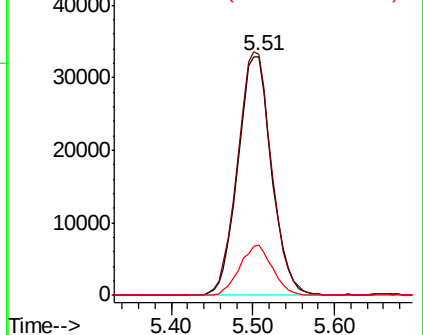
192 20.5 16.1 24.1



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: 17.647 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

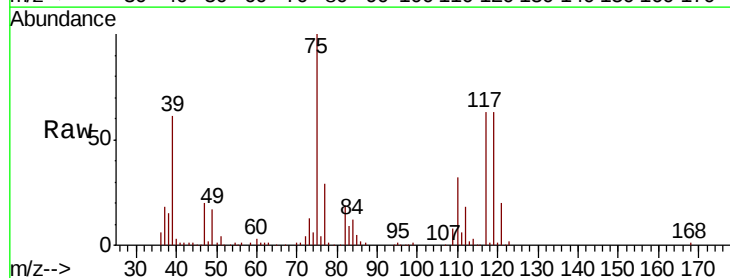
Tgt Ion: 75 Resp: 58282

Ion Ratio Lower Upper

75 100

110 33.4 16.4 49.2

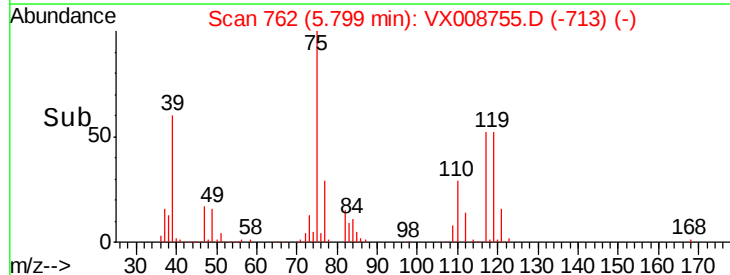
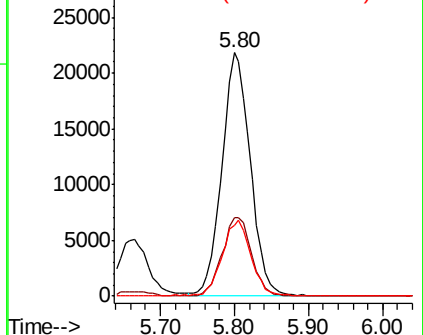
77 31.5 24.7 37.1

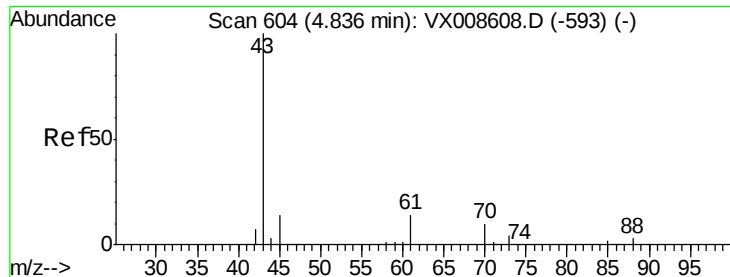


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

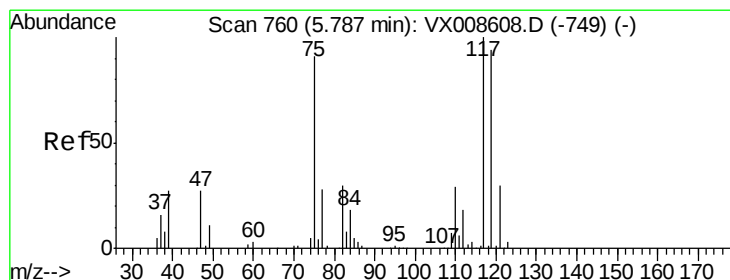
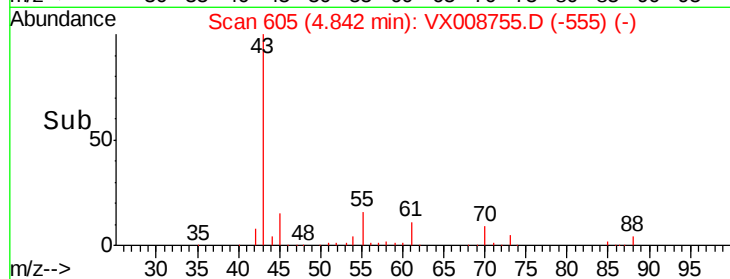
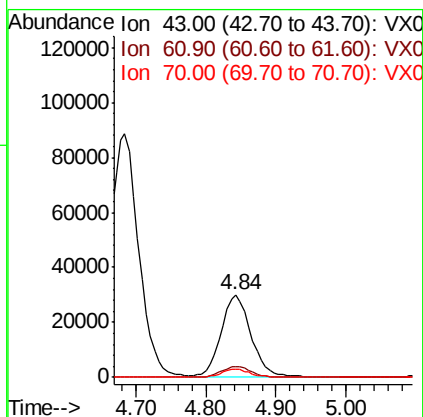
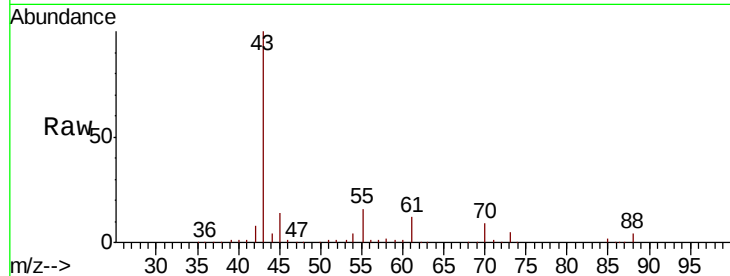




#37
Ethyl Acetate
Concen: 20.129 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

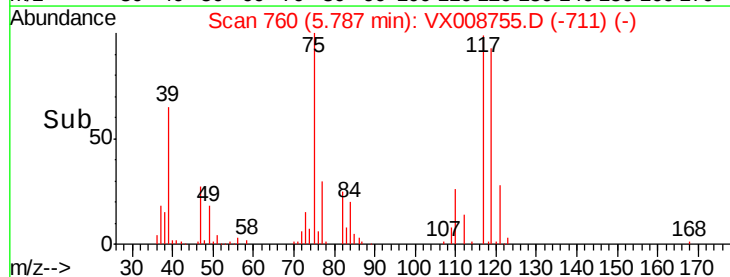
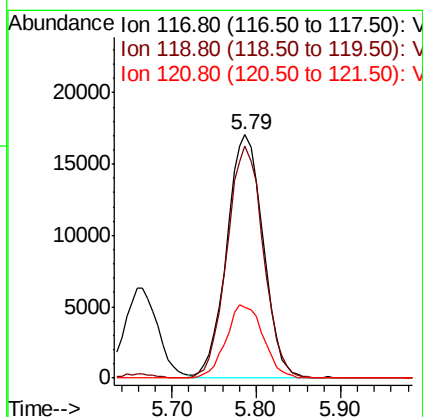
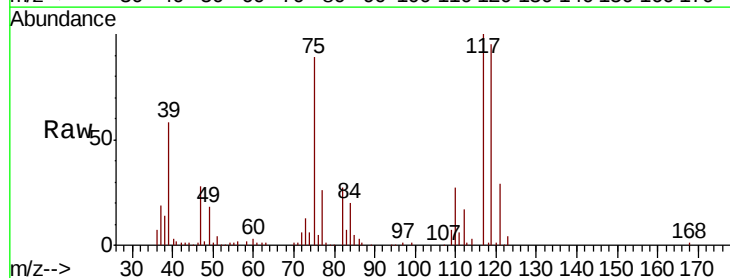
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBS01

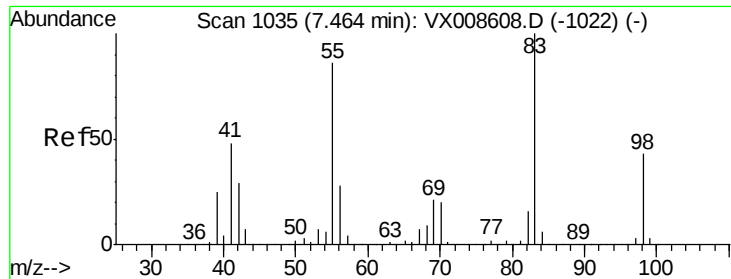
Tot Ion: 43 Resp: 88735
Ion Ratio Lower Upper
43 100
61 13.7 10.3 15.5
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.320 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 117 Resp: 50079
Ion Ratio Lower Upper
117 100
119 95.3 75.0 112.6
121 28.8 24.3 36.5

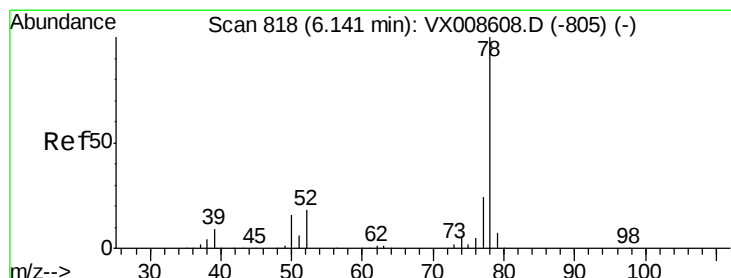
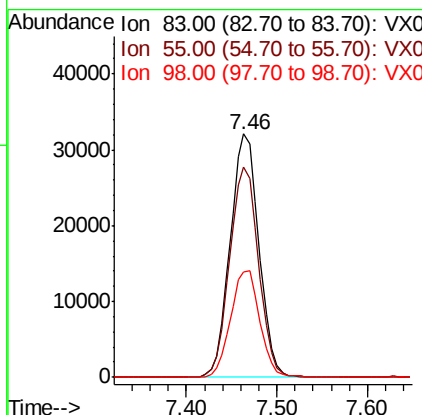
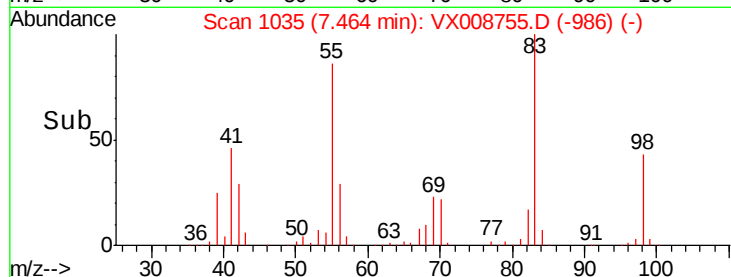
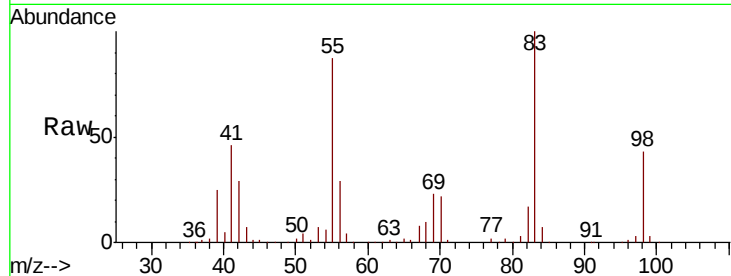




#39
Methvlcvclohexane
Concen: 17.333 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

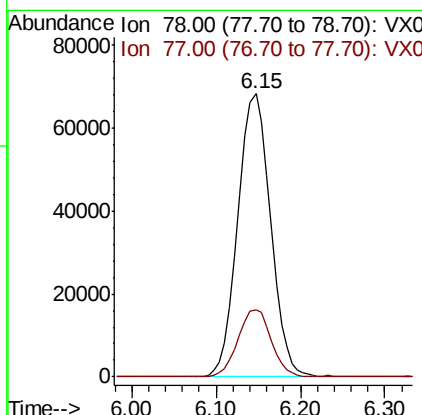
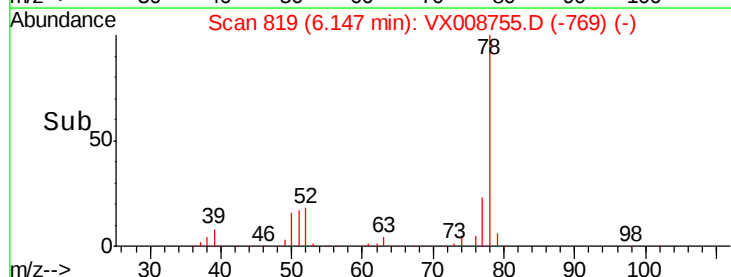
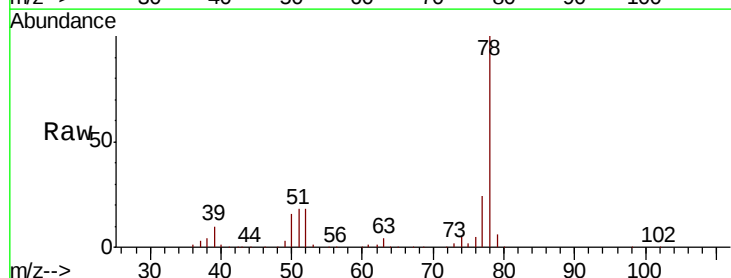
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

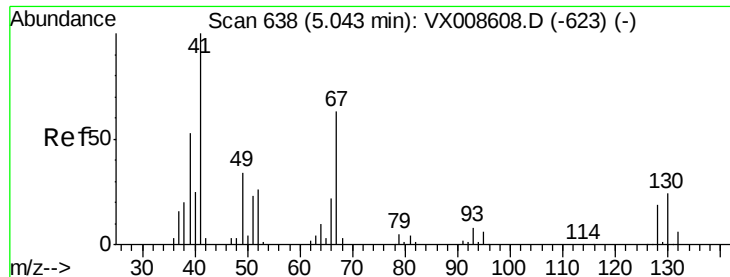
Tot Ion: 83 Resp: 70717
Ion Ratio Lower Upper
83 100
55 86.6 69.0 103.6
98 43.3 34.4 51.6



#40
Benzene
Concen: 18.307 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 78 Resp: 180120
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#41

Methacrylonitrile

Concen: 19.704 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 41 Resp: 49929

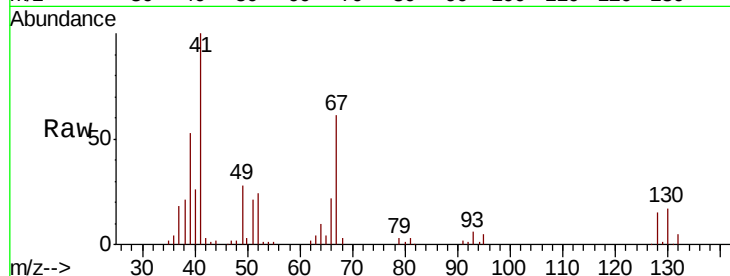
Ion Ratio Lower Upper

41 100

39 52.1 42.1 63.1

67 62.7 51.0 76.6

52 27.2 21.4 32.0

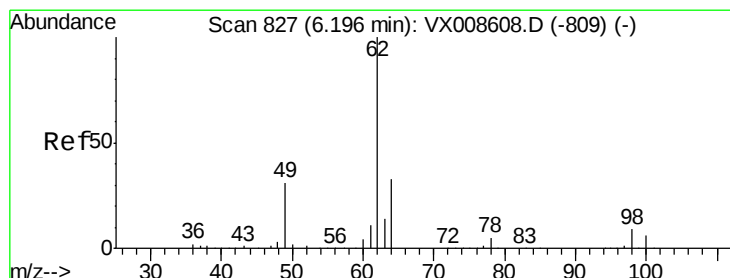
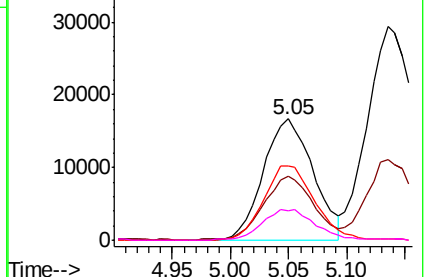
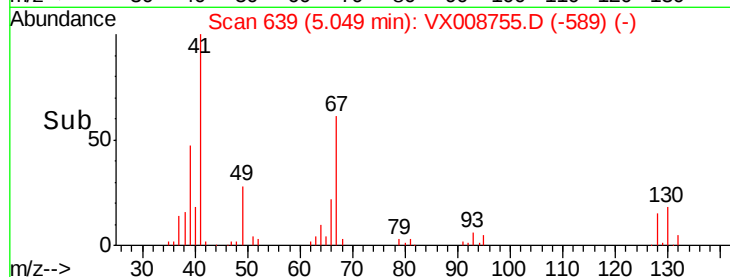


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.501 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008755.D

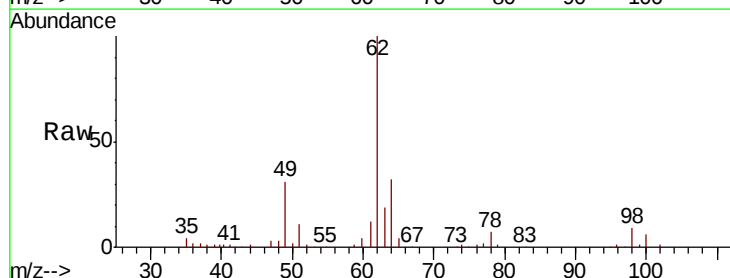
Acq: 08 Apr 2019 19:09

Tgt Ion: 62 Resp: 65258

Ion Ratio Lower Upper

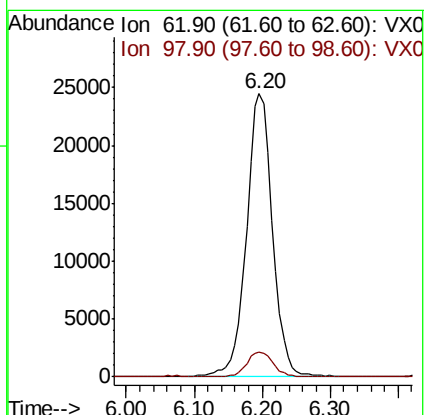
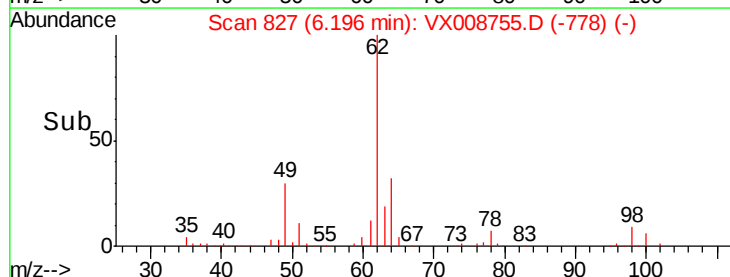
62 100

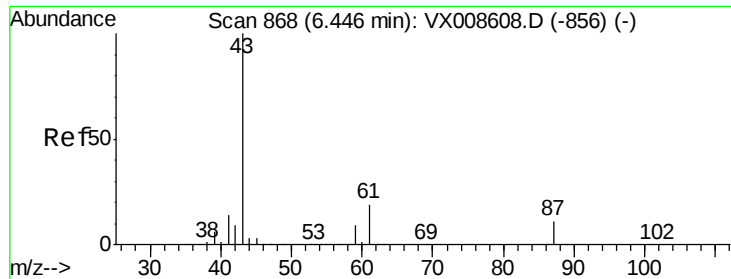
98 8.9 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



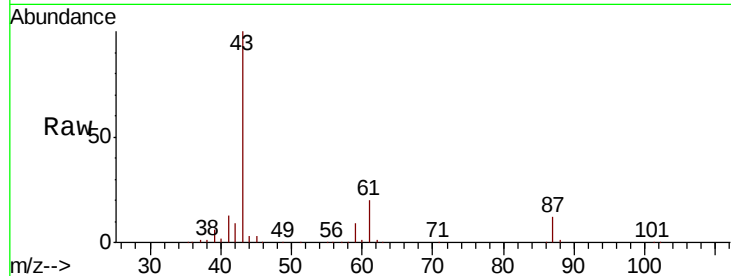


#43

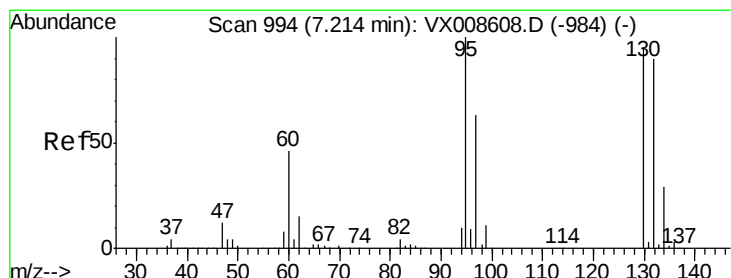
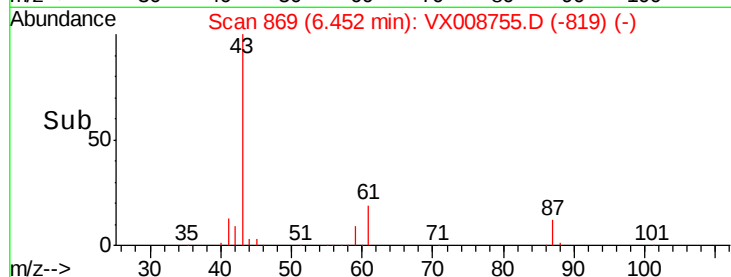
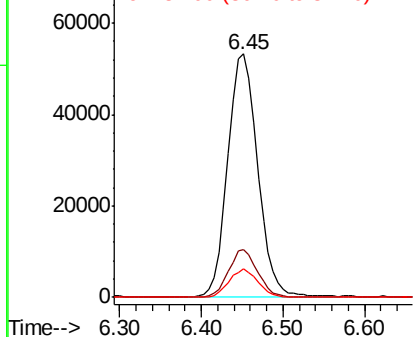
Isopropyl Acetate
 Concen: 19.507 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0408MBSD01

Tot Ion: 43 Resp: 134713
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.3 22.9
 87 11.2 9.0 13.6



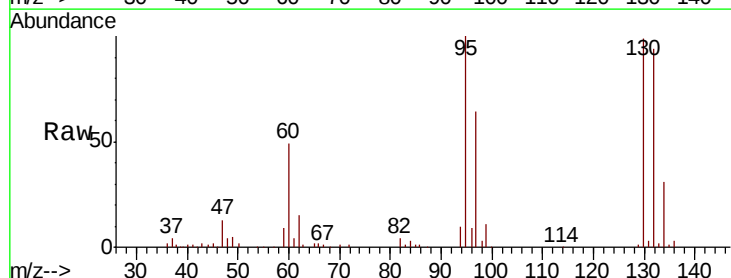
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



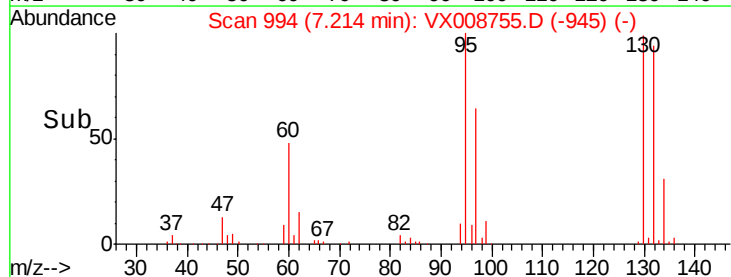
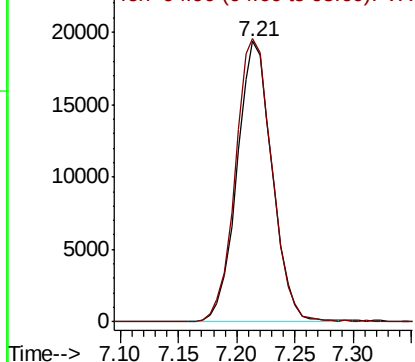
#44

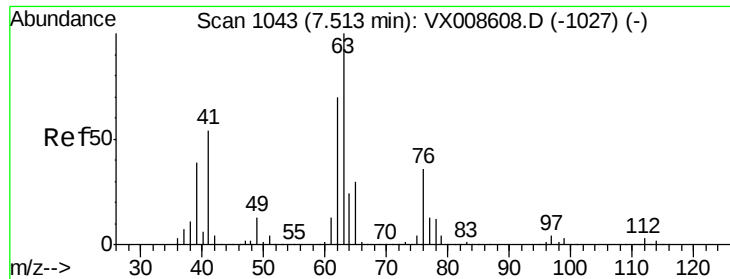
Trichloroethene
 Concen: 17.784 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion:130 Resp: 40754
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

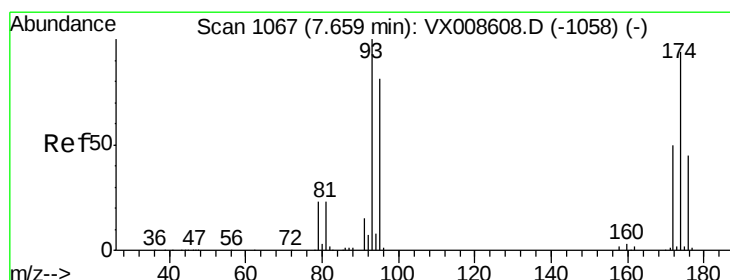
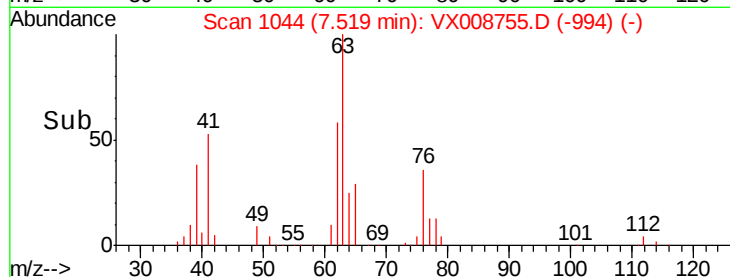
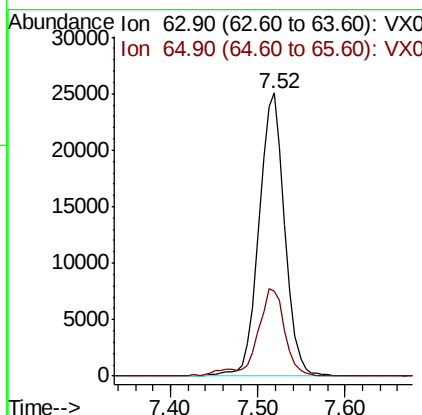
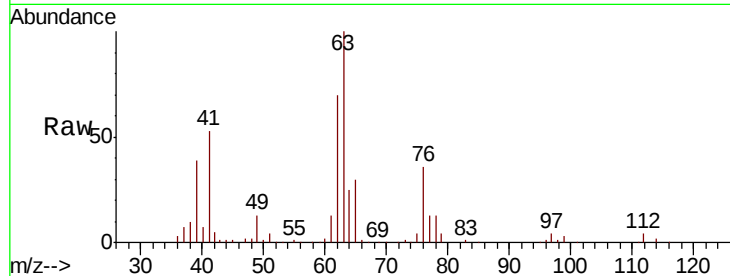




#45
 1,2-Dichloropropane
 Concen: 18.251 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

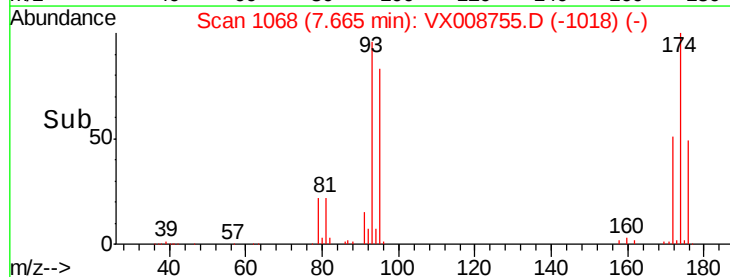
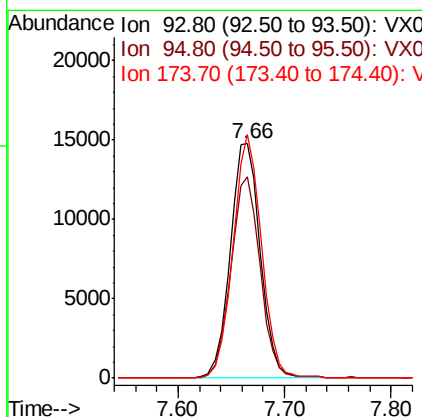
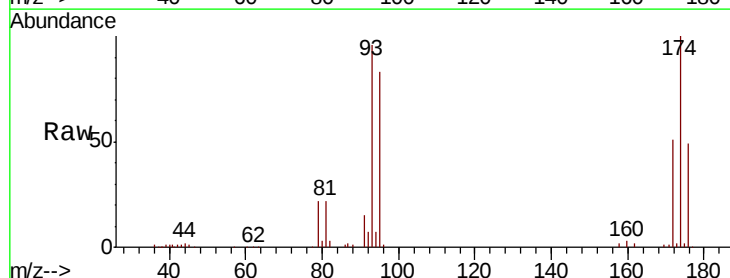
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

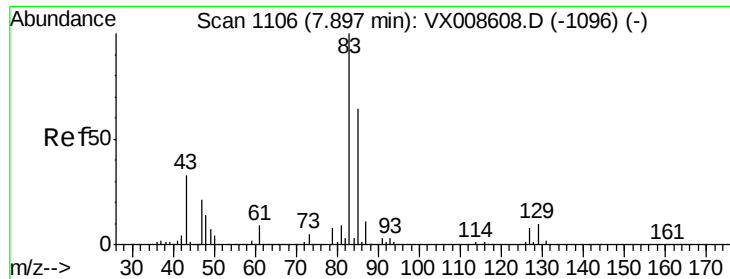
Tot Ion: 63 Resp: 51254
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.4



#46
 Dibromomethane
 Concen: 17.972 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion: 93 Resp: 29273
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 99.8
 174 98.4 77.7 116.5





#47

Bromodichloromethane

Concen: 18.519 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBS01

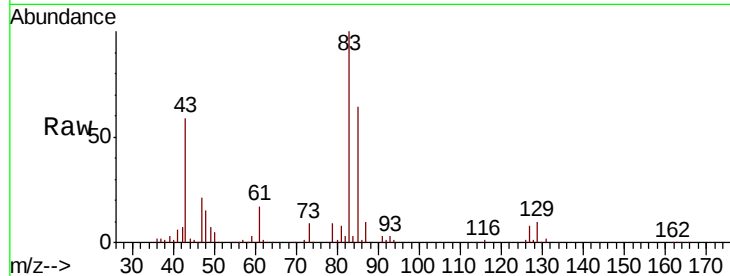
Tot Ion: 83 Resp: 56874

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

127 8.3 6.6 10.0

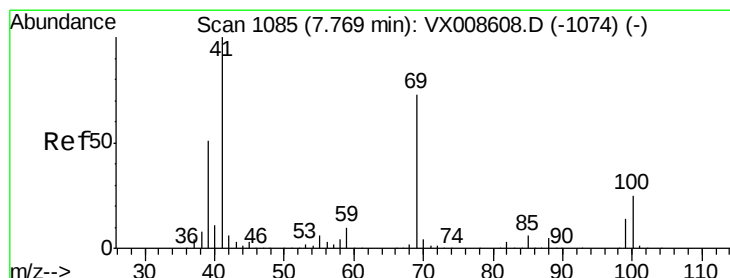
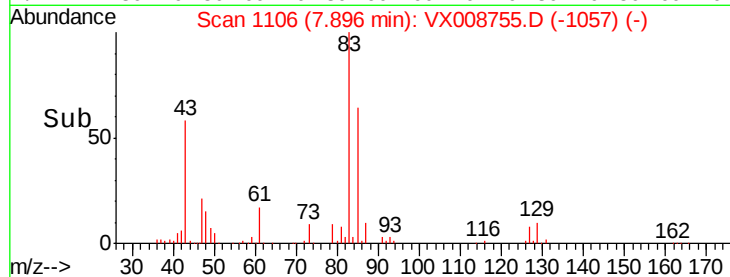
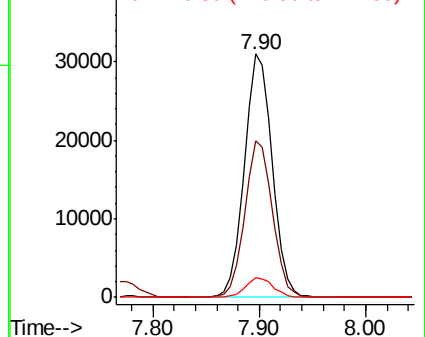


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.233 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

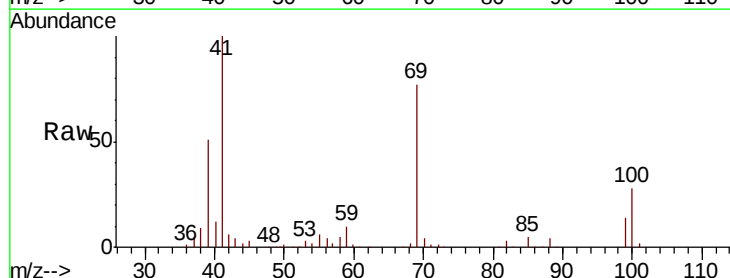
Tgt Ion: 41 Resp: 67187

Ion Ratio Lower Upper

41 100

69 73.6 59.0 88.4

39 50.2 41.0 61.4

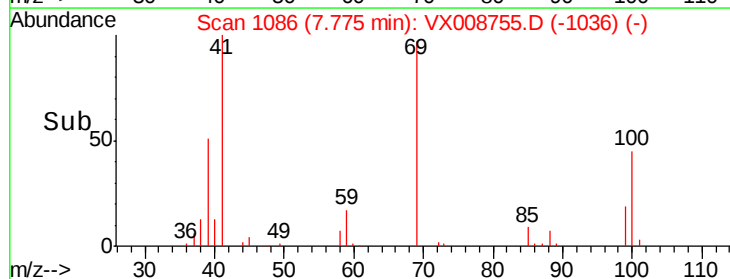
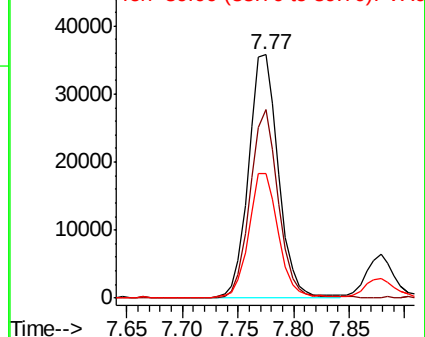


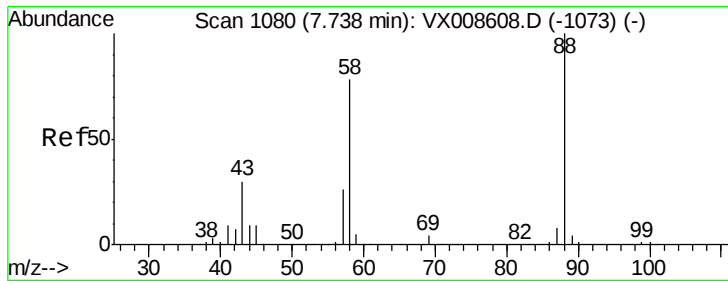
Abundance

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

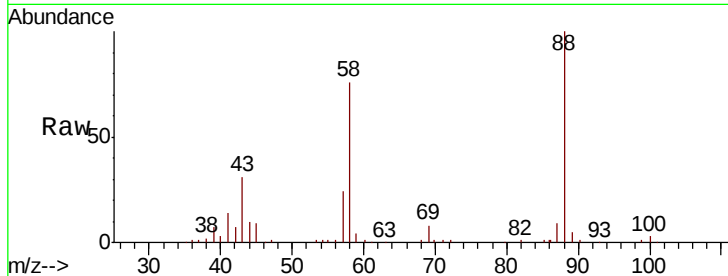




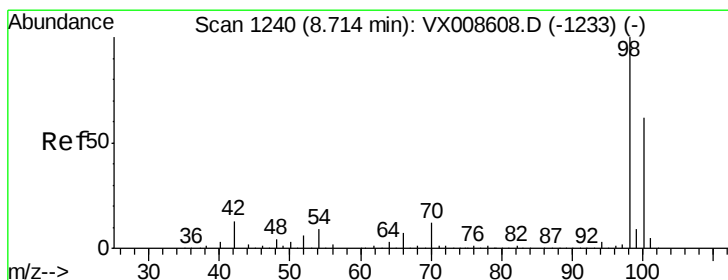
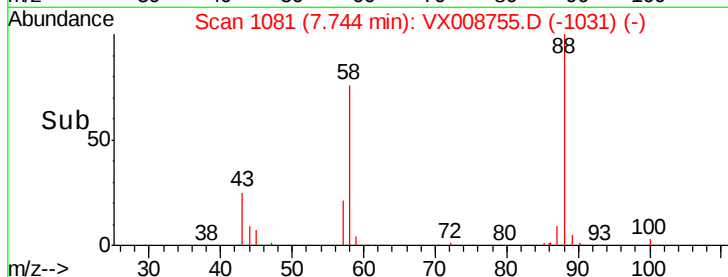
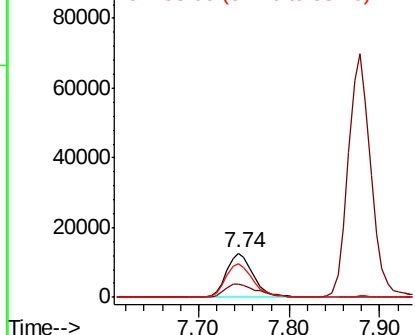
#49
1,4-Dioxane
Concen: 397.013 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

Tot Ion: 88 Resp: 25980
Ion Ratio Lower Upper
88 100
43 35.3 28.6 43.0
58 78.4 62.2 93.2

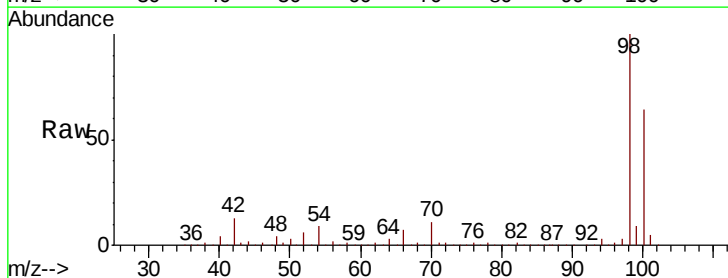


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

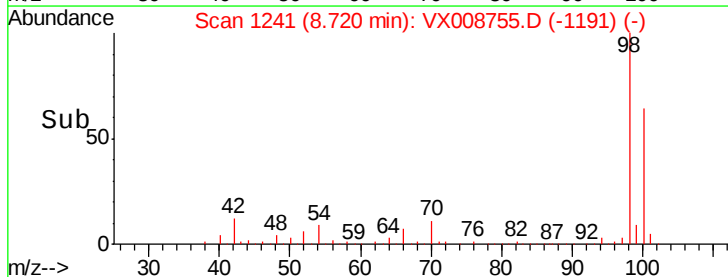
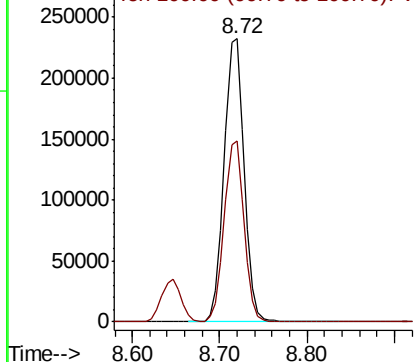


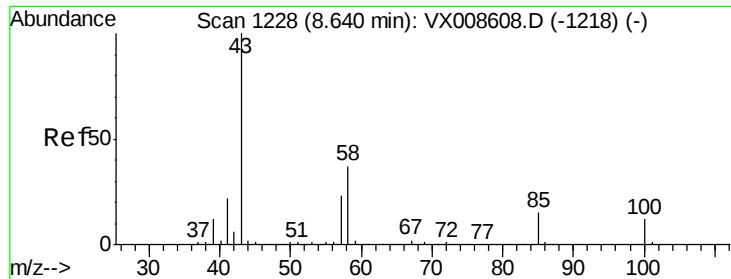
#50
Toluene-d8
Concen: 47.700 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 98 Resp: 366896
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



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: 101.190 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

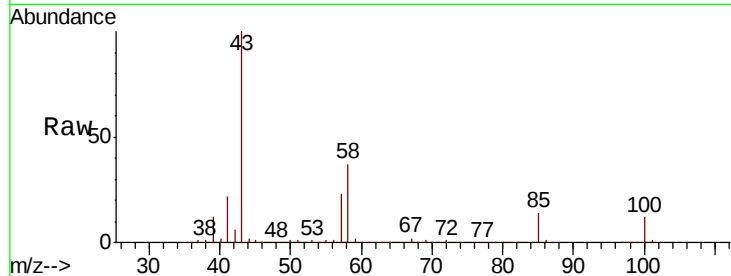
VX0408MBSD01

Tot Ion: 43 Resp: 449839

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

300000

250000

200000

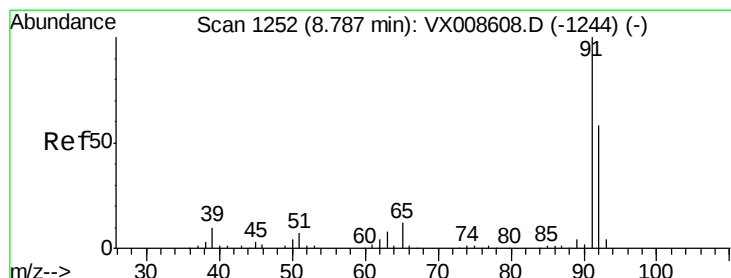
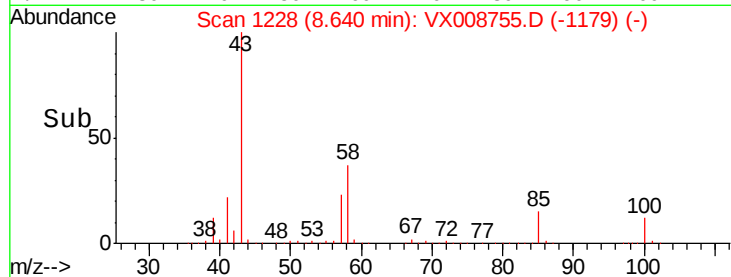
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 18.090 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008755.D

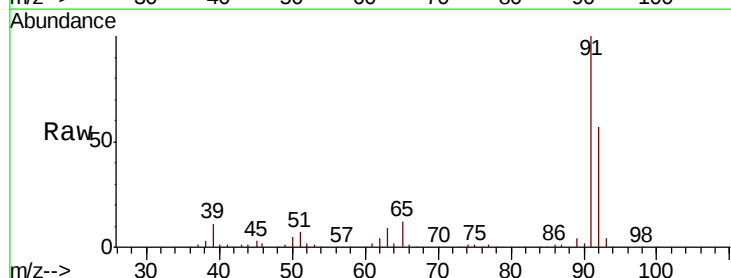
Acq: 08 Apr 2019 19:09

Tgt Ion: 92 Resp: 104933

Ion Ratio Lower Upper

92 100

91 174.9 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

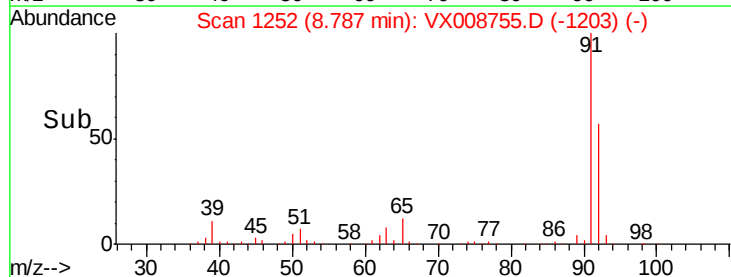
8.79

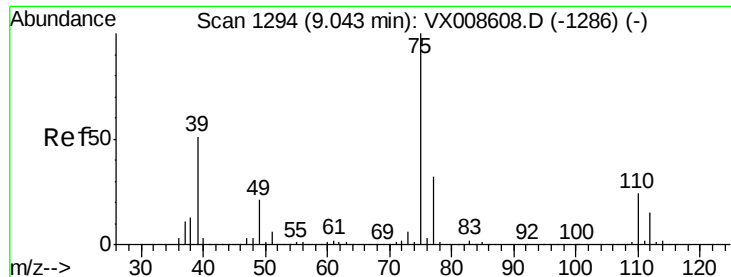
100000

50000

0

Time--> 8.70 8.80 8.90 9.00

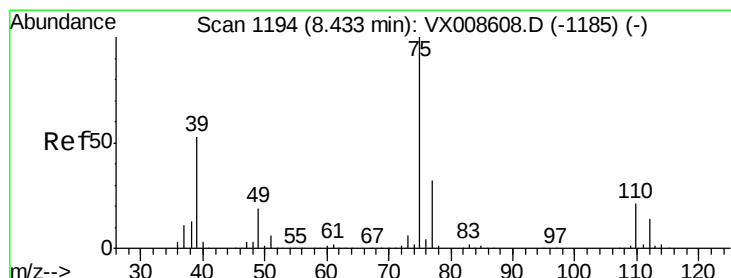
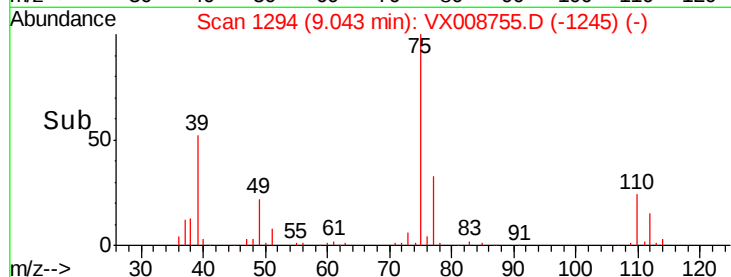
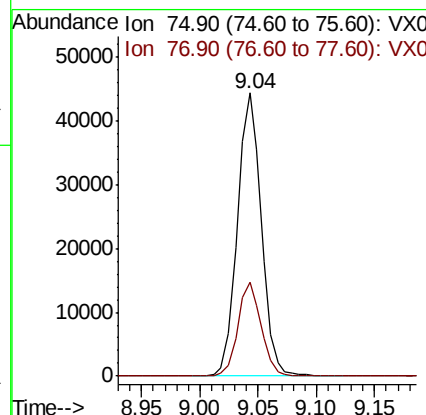
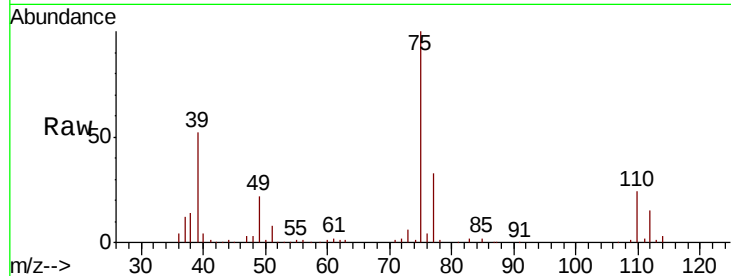




#53
 t-1,3-Dichloropropene
 Concen: 18.505 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

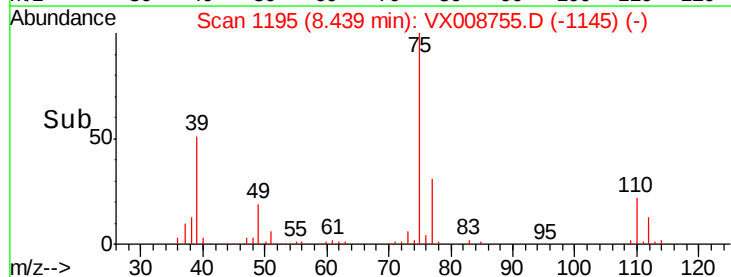
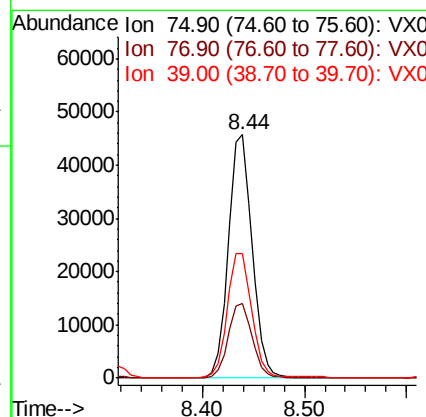
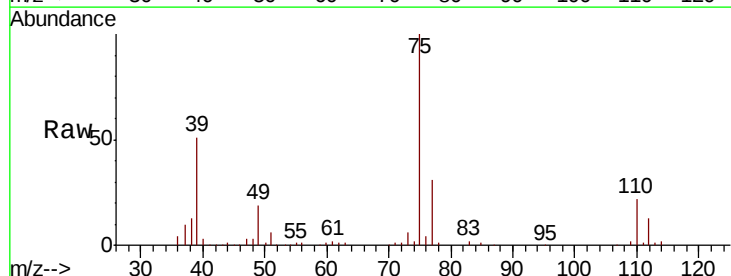
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

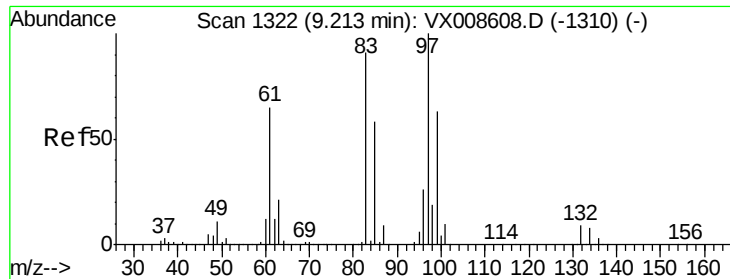
Tot Ion: 75 Resp: 63657
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.762 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion: 75 Resp: 73749
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9
 39 51.0 42.6 63.8

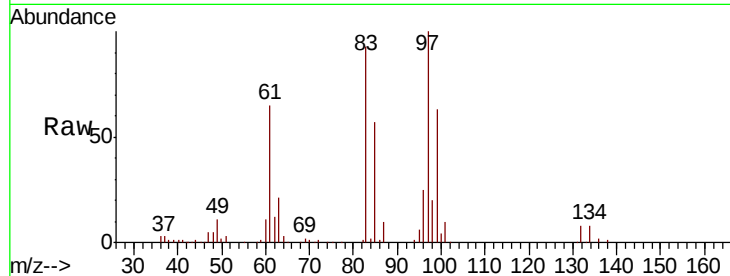




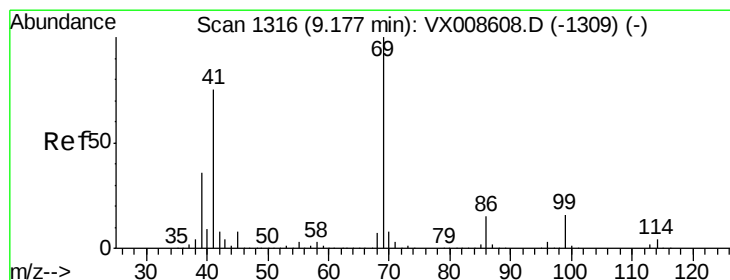
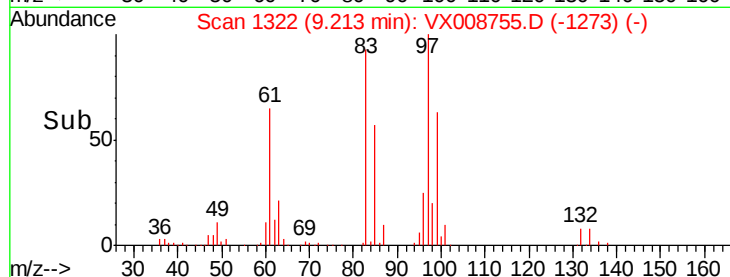
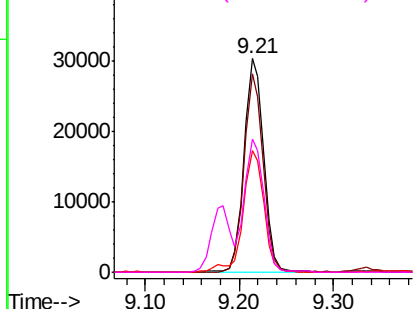
#55
 1,1,2-Trichloroethane
 Concen: 18.979 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

Tot Ion: 97 Resp: 44190
 Ion Ratio Lower Upper
 97 100
 83 92.6 73.2 109.8
 85 56.9 46.6 69.8
 99 62.5 50.1 75.1

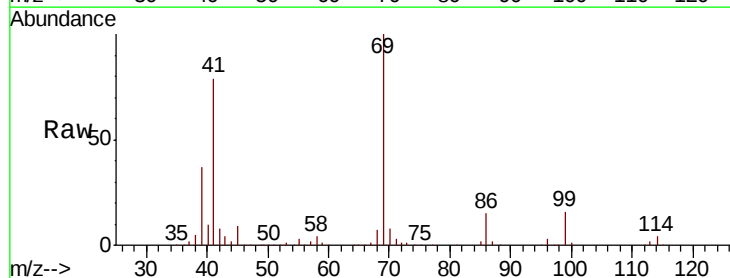


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

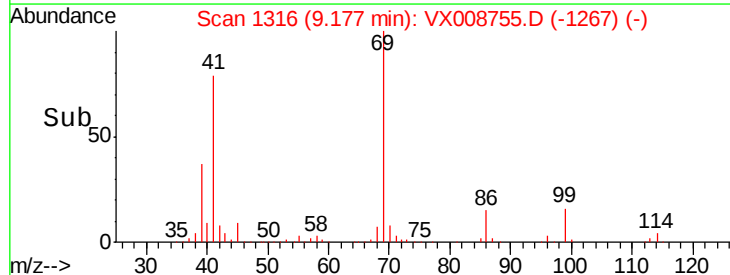
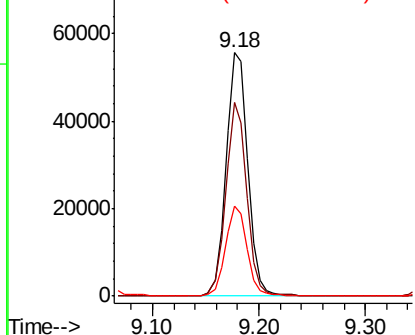


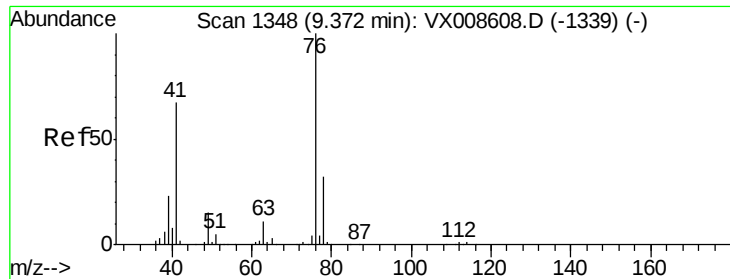
#56
 Ethyl methacrylate
 Concen: 18.897 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion: 69 Resp: 79611
 Ion Ratio Lower Upper
 69 100
 41 76.0 60.1 90.1
 39 36.3 28.9 43.3



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





#57

1,3-Dichloropropane

Concen: 18.757 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

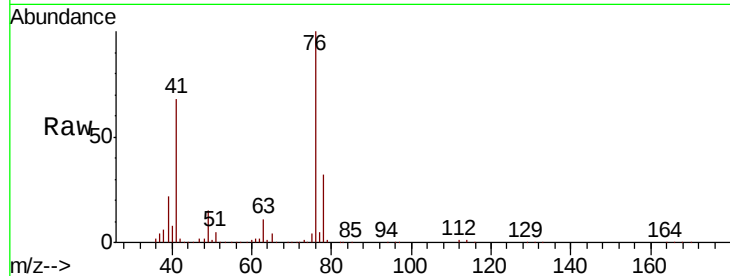
VX0408MBSD01

Tot Ion: 76 Resp: 78425

Ion Ratio Lower Upper

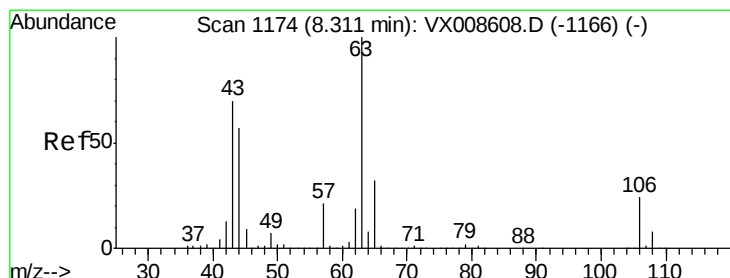
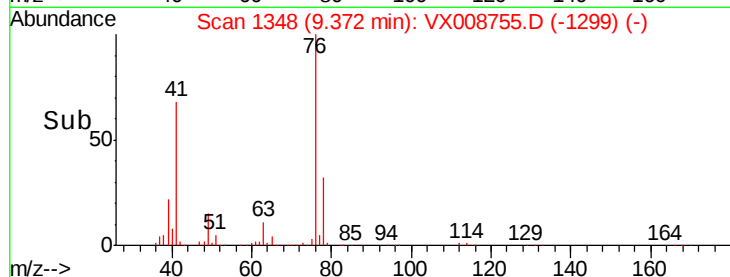
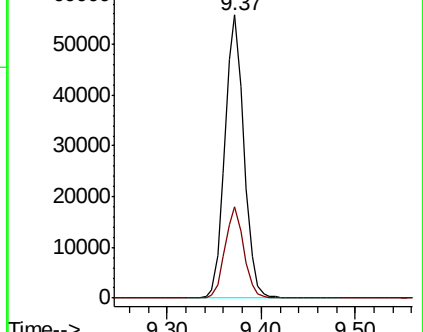
76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.084 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008755.D

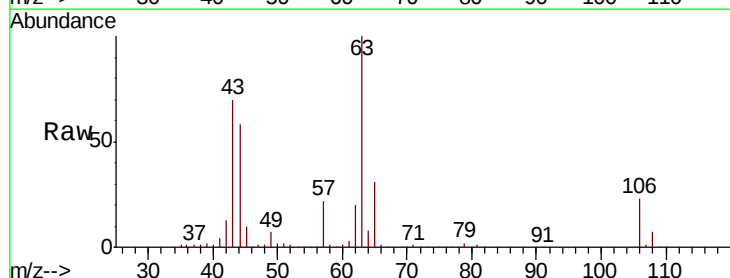
Acq: 08 Apr 2019 19:09

Tgt Ion: 63 Resp: 202389

Ion Ratio Lower Upper

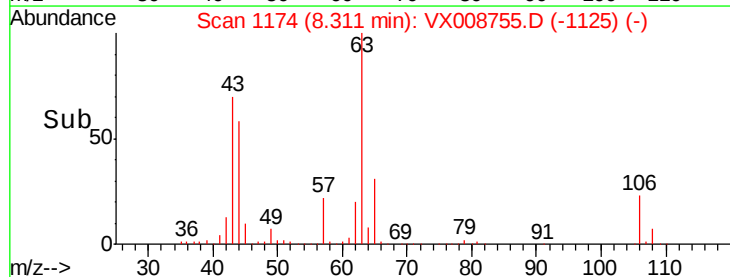
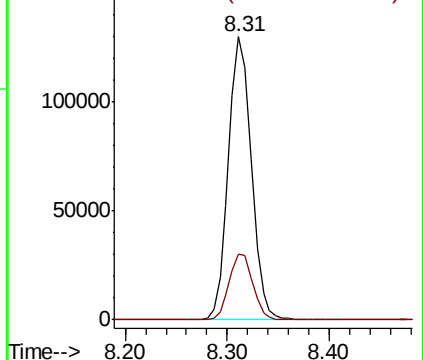
63 100

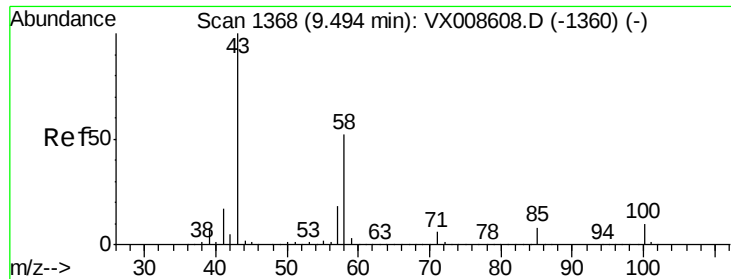
106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

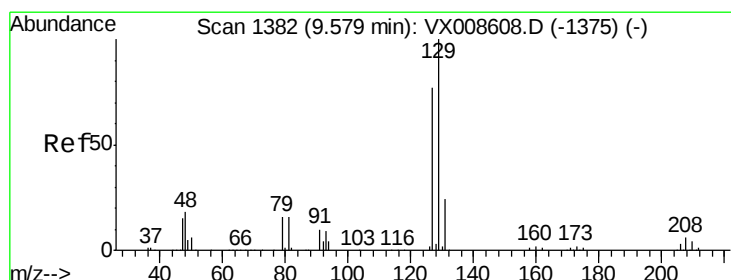
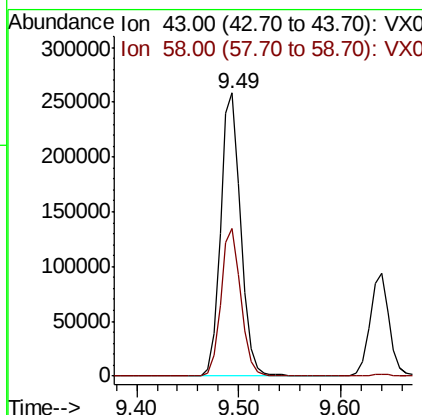
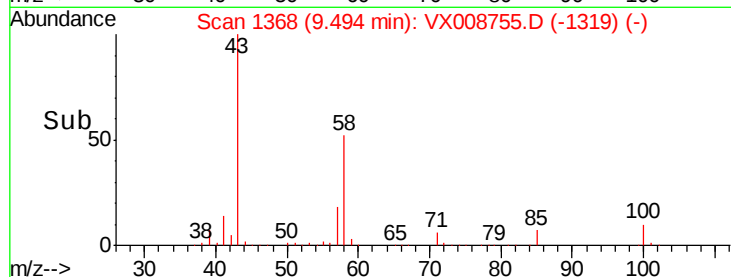
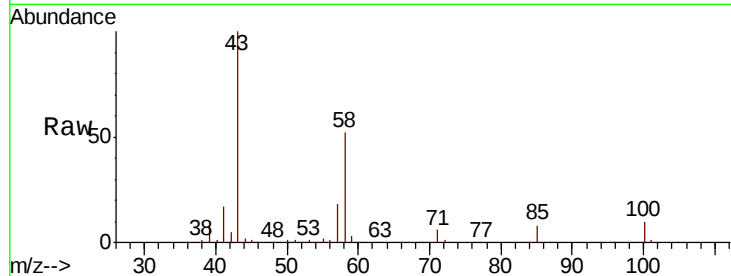




#59
2-Hexanone
Concen: 102.777 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

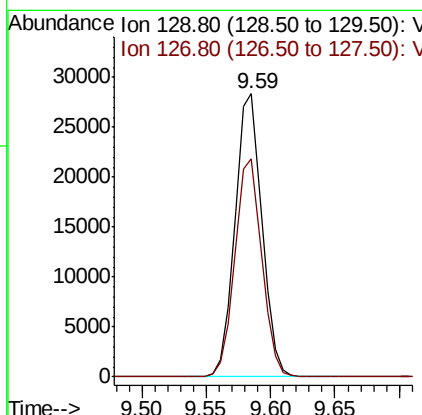
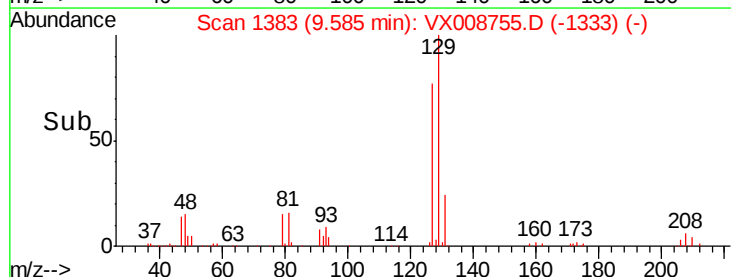
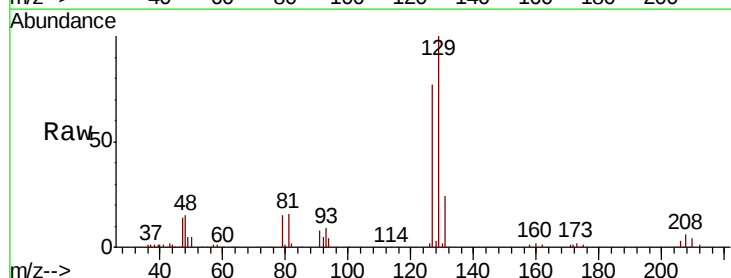
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

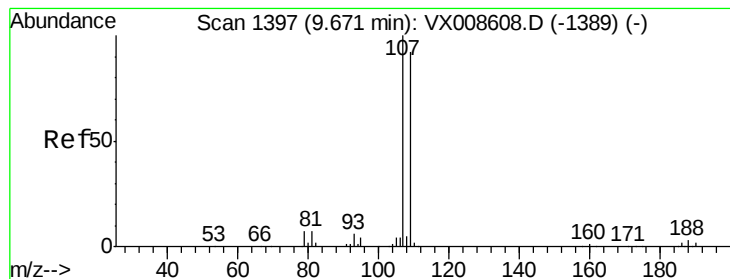
Tot Ion: 43 Resp: 355072
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7



#60
Dibromochloromethane
Concen: 18.898 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 129 Resp: 41464
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.823 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

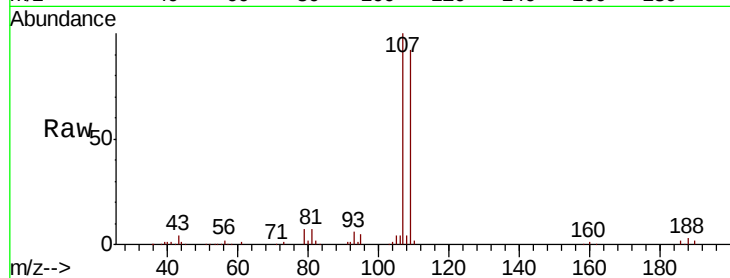
VX0408MBSD01

Tot Ion:107 Resp: 45626

Ion Ratio Lower Upper

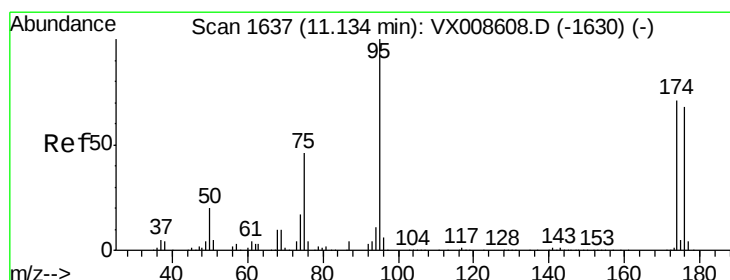
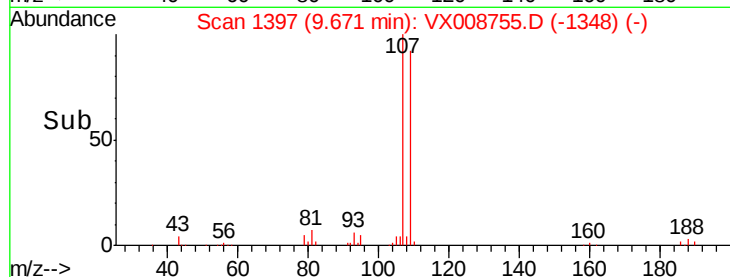
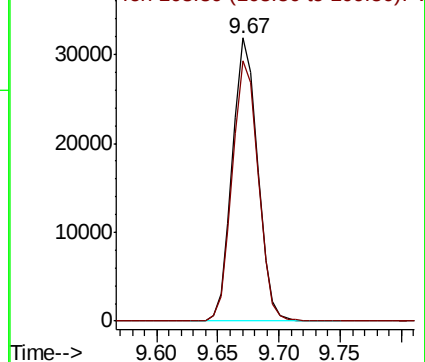
107 100

109 94.0 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.327 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

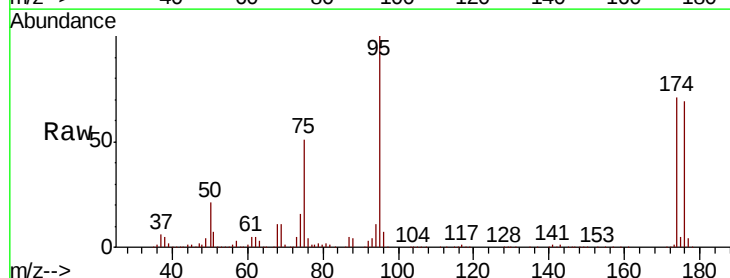
Tgt Ion: 95 Resp: 129089

Ion Ratio Lower Upper

95 100

174 77.3 0.0 151.8

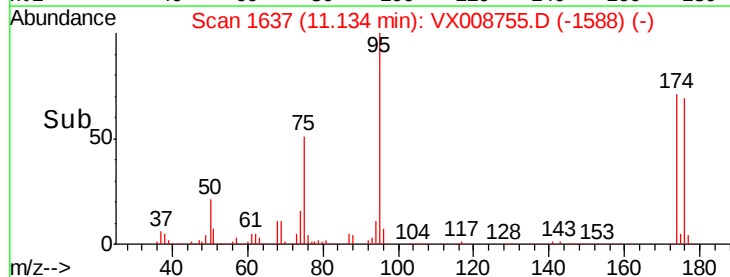
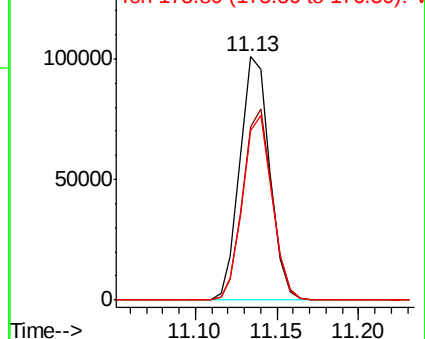
176 75.5 0.0 145.8

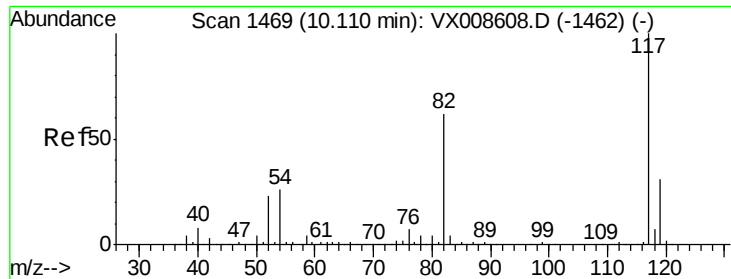


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

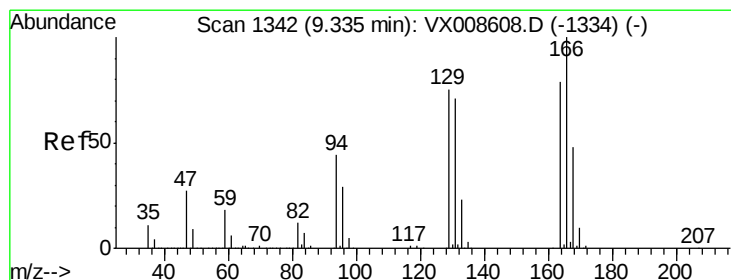
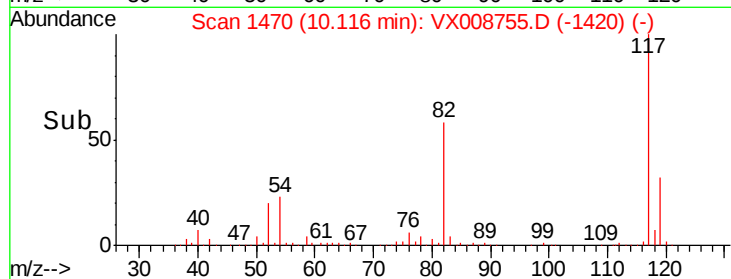
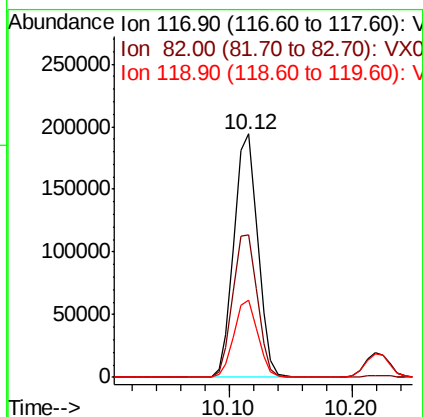
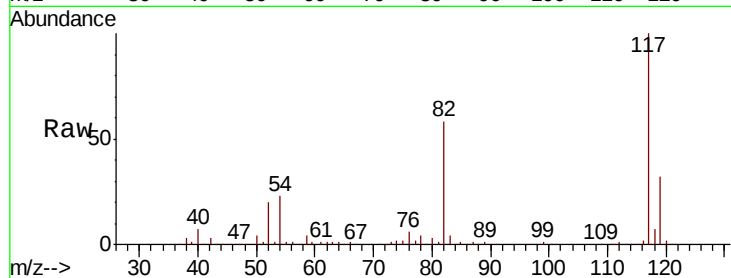




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

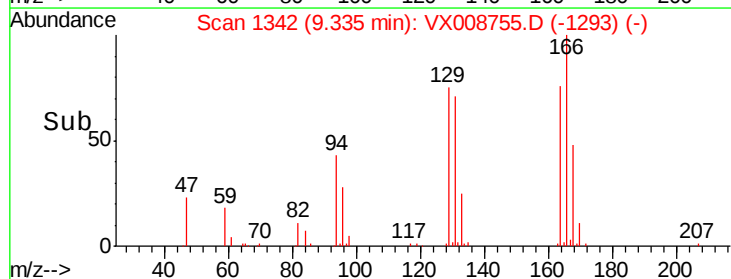
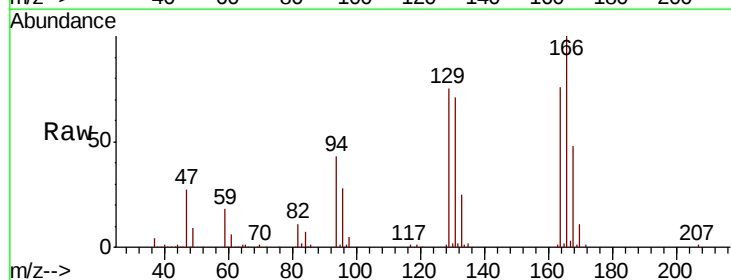
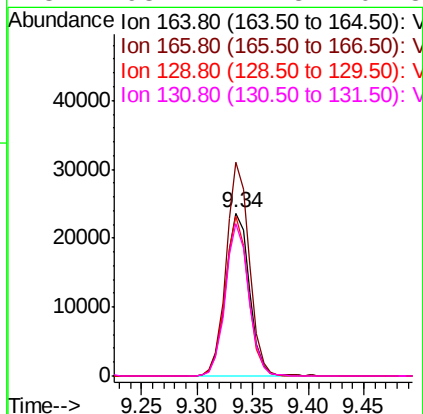
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

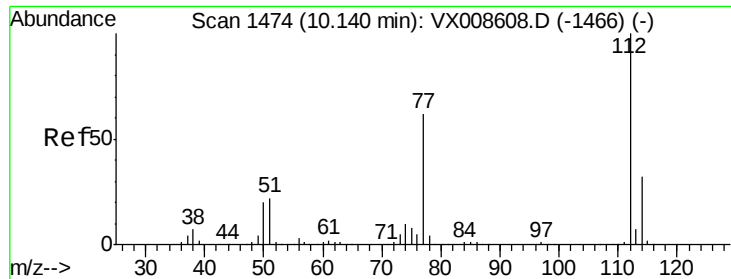
Tot Ion:117 Resp: 260576
Ion Ratio Lower Upper
117 100
82 58.5 49.6 74.4
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 18.156 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion:164 Resp: 35051
Ion Ratio Lower Upper
164 100
166 131.0 101.0 151.6
129 98.2 75.8 113.8
131 93.1 71.8 107.8

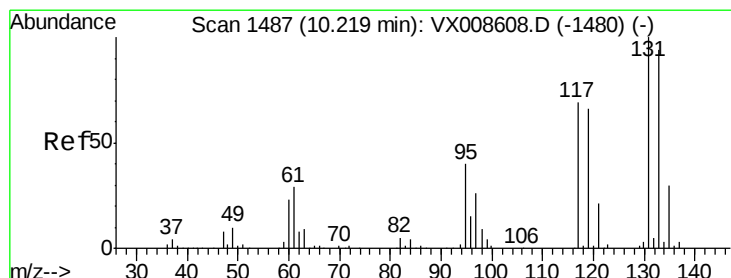
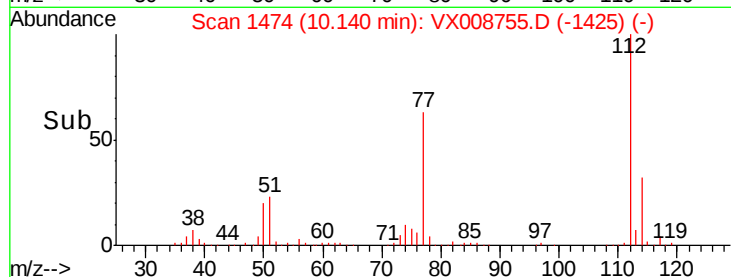
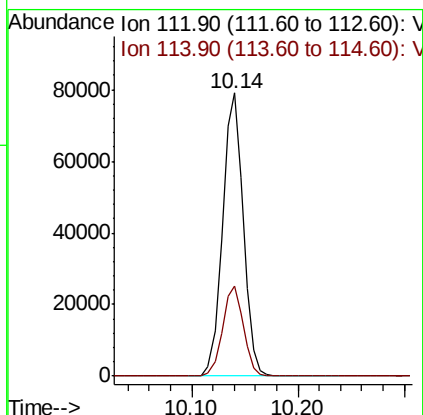
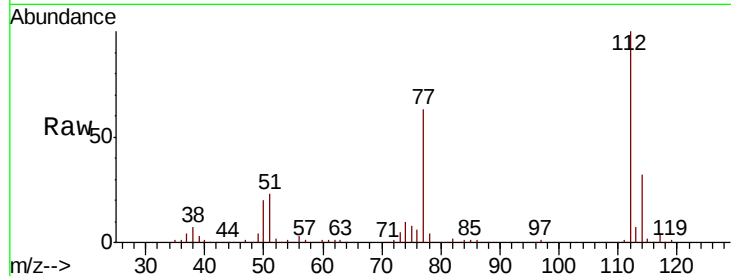




#65
Chlorobenzene
Concen: 18.583 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

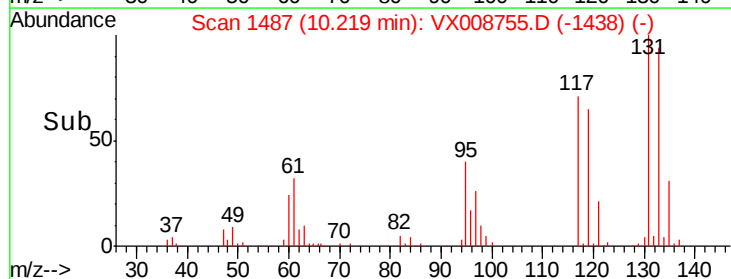
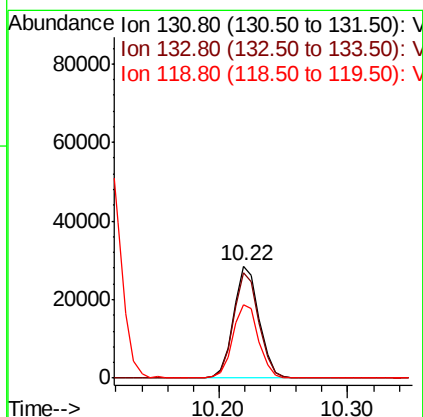
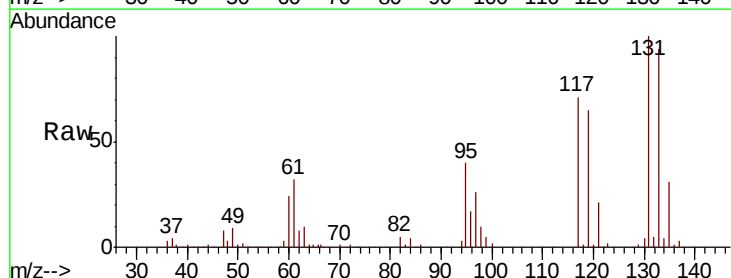
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBS01

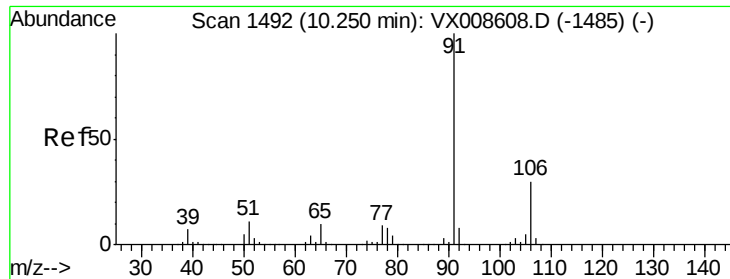
Tot Ion:112 Resp: 107339
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.318 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion:131 Resp: 39146
Ion Ratio Lower Upper
131 100
133 93.8 47.0 141.2
119 67.0 33.7 101.0





#67

Ethyl Benzene

Concen: 18.244 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

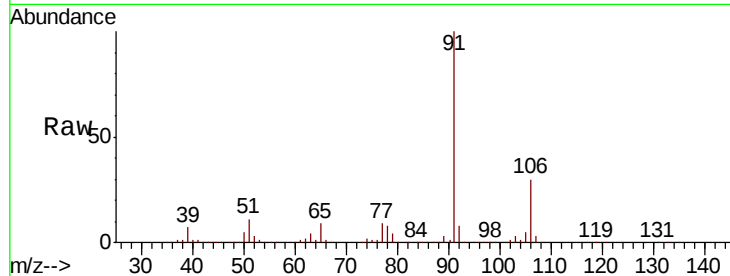
VX0408MBSD01

Tot Ion: 91 Resp: 196504

Ion Ratio Lower Upper

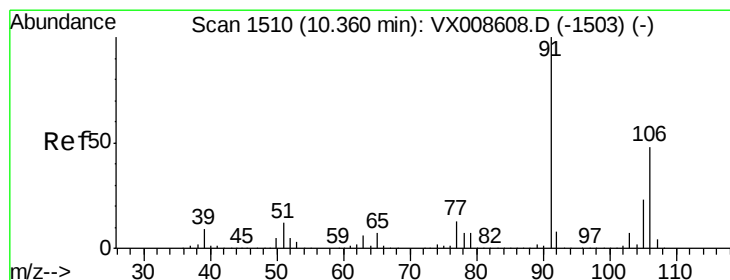
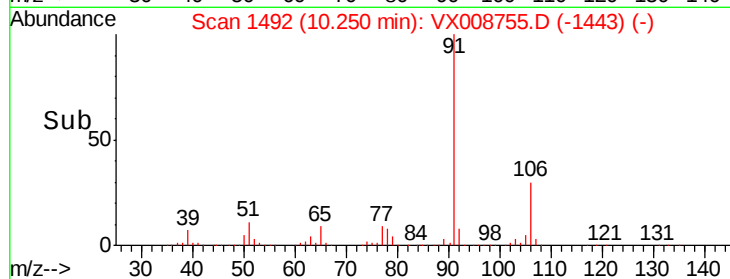
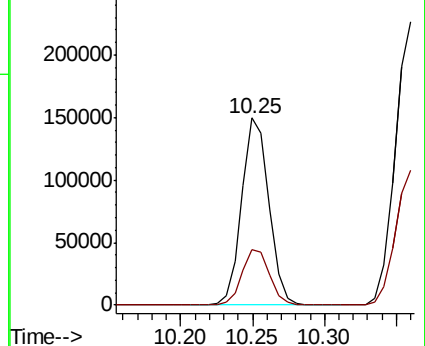
91 100

106 29.9 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.631 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008755.D

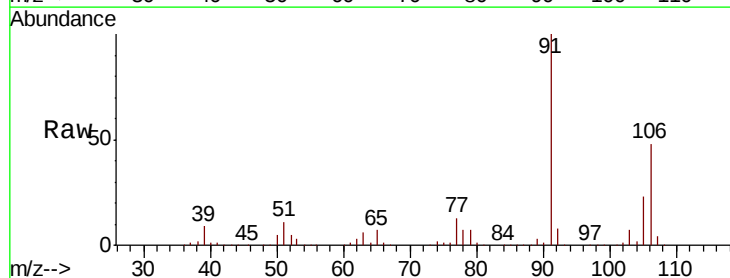
Acq: 08 Apr 2019 19:09

Tgt Ion:106 Resp: 141857

Ion Ratio Lower Upper

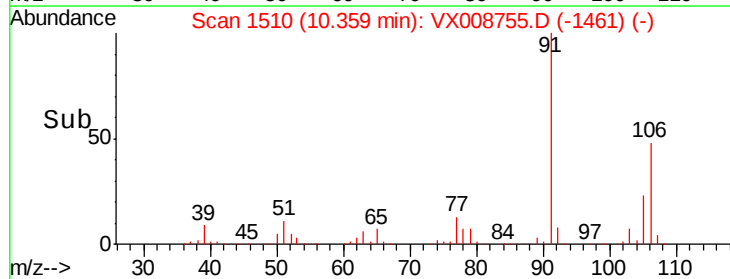
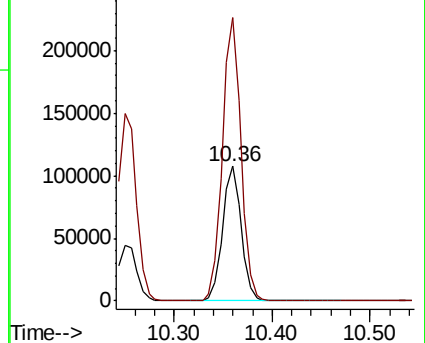
106 100

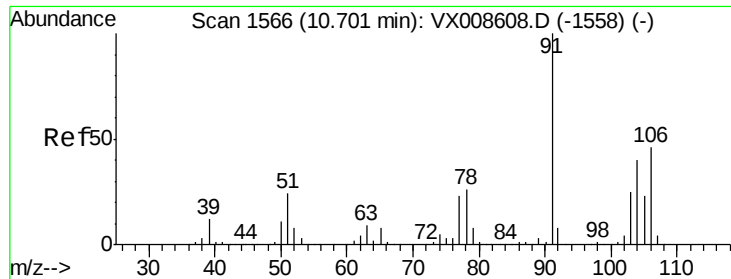
91 209.1 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

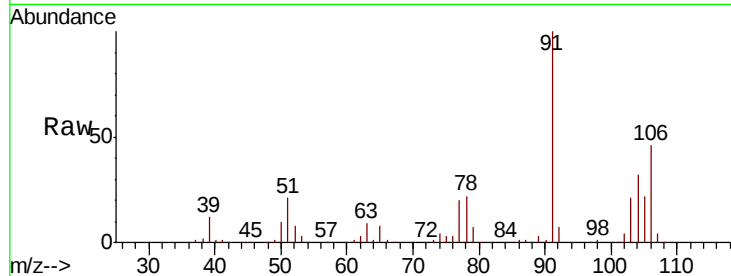




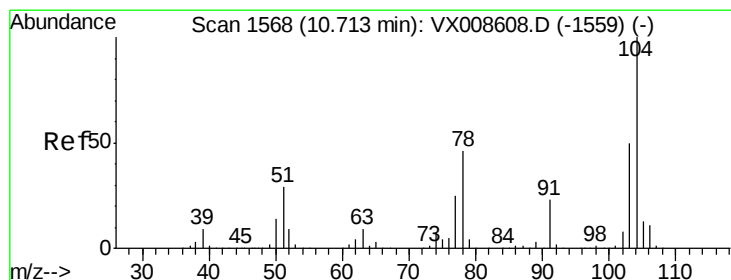
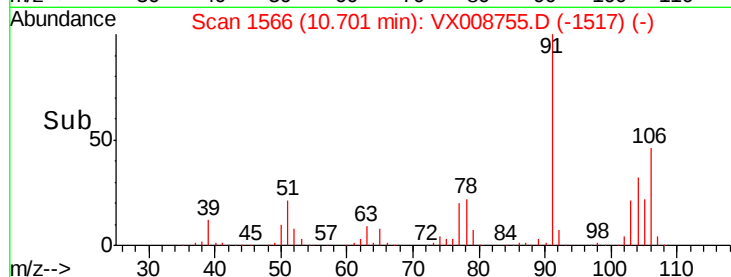
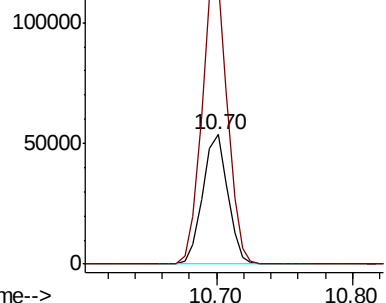
#69
o-Xylene
Concen: 18.428 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Instrument :
MSVOA_X
ClientSampled :
VX0408MBS01

Tot Ion:106 Resp: 69161
Ion Ratio Lower Upper
106 100
91 222.5 111.5 334.4

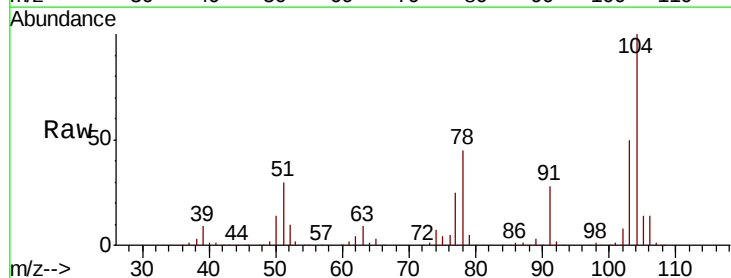


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

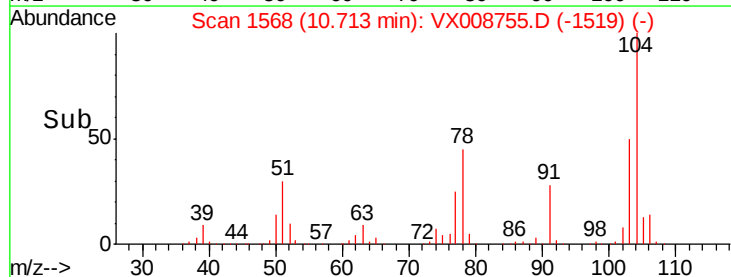
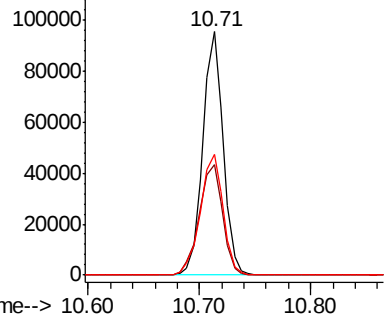


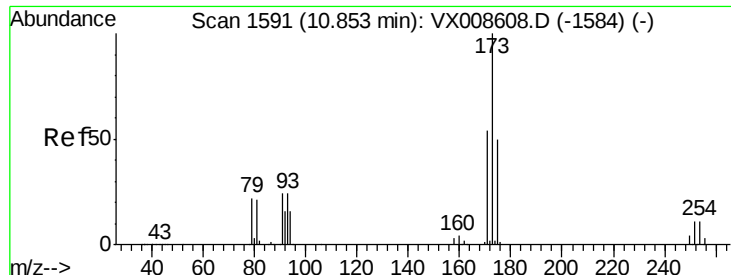
#70
Styrene
Concen: 18.710 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion:104 Resp: 121038
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.5 44.4 66.6



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





#71

Bromoform

Concen: 19.154 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBS01

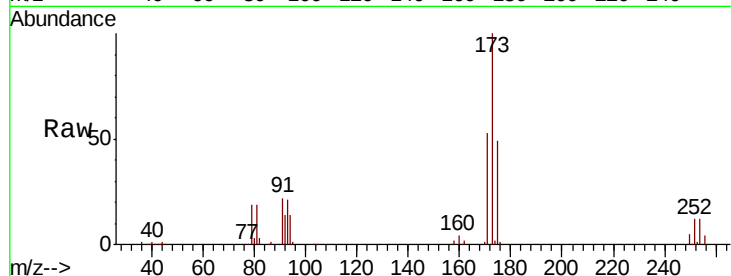
Tot Ion:173 Resp: 29644

Ion Ratio Lower Upper

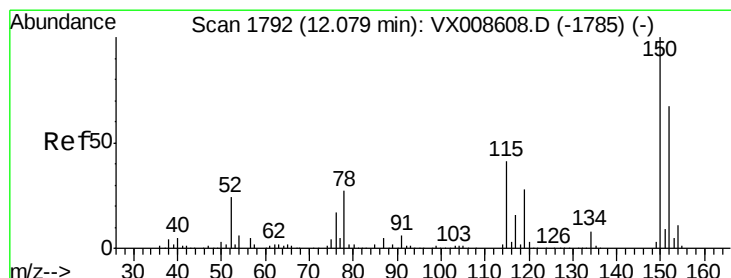
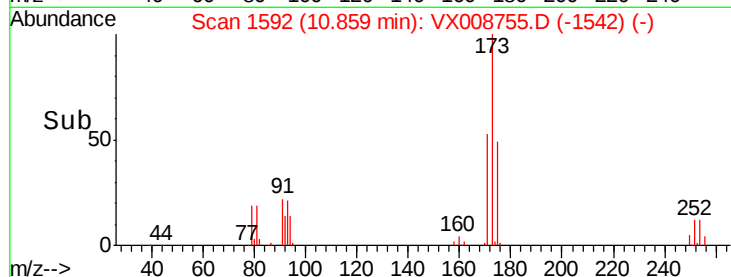
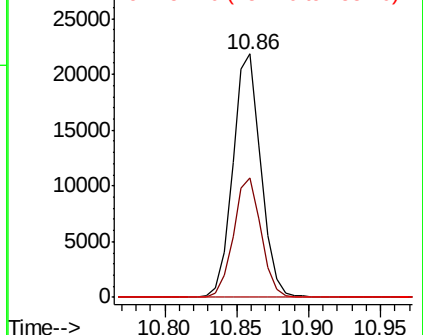
173 100

175 48.4 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

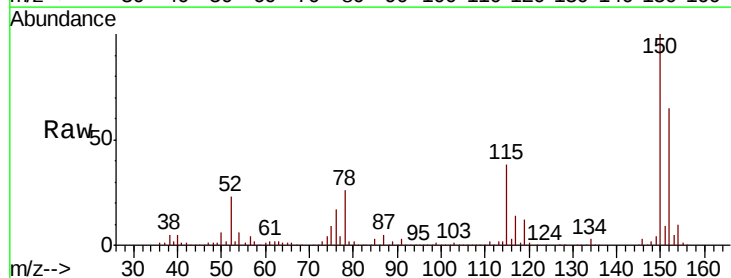
Tgt Ion:152 Resp: 119153

Ion Ratio Lower Upper

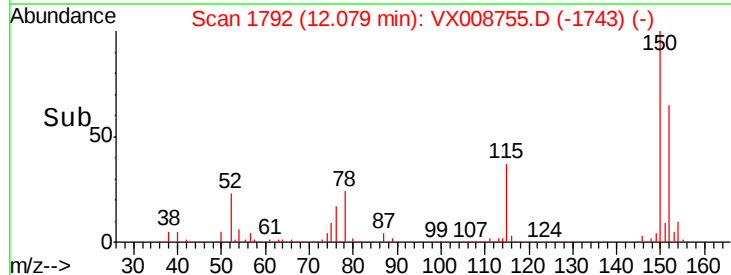
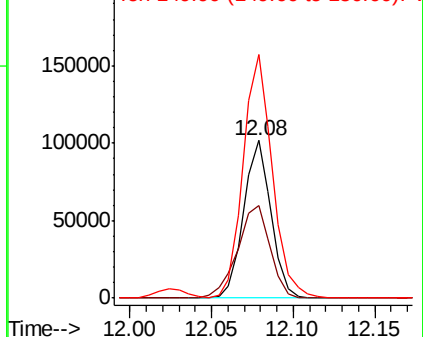
152 100

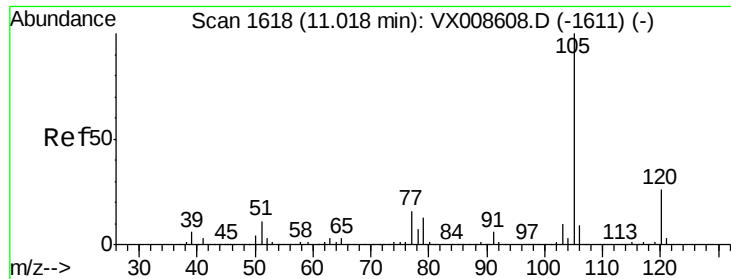
115 69.6 43.5 130.5

150 164.1 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.789 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

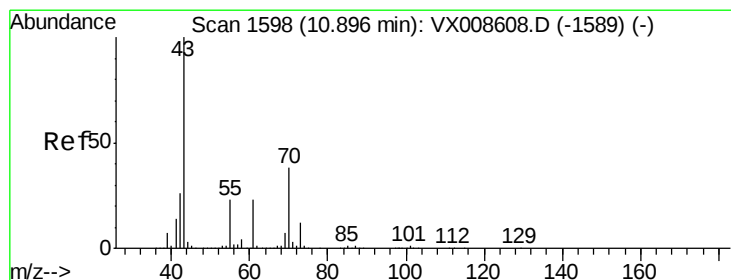
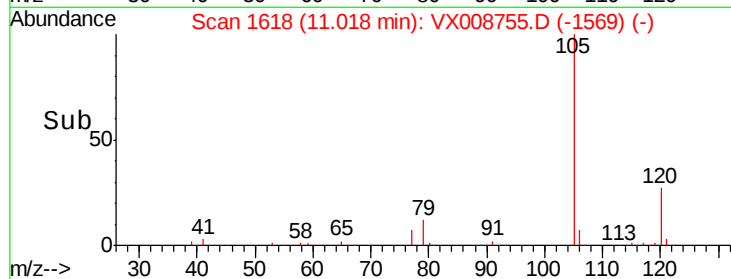
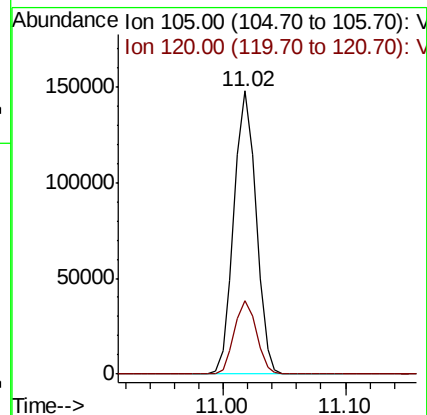
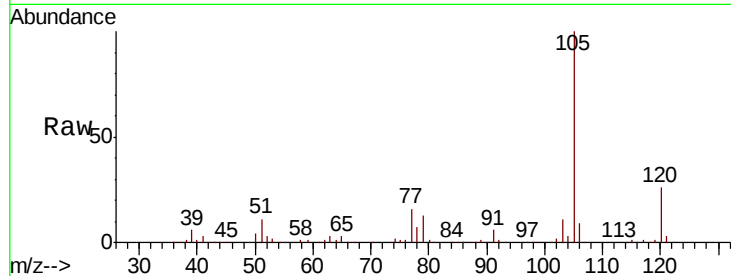
VX0408MBSD01

Tot Ion:105 Resp: 185530

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 19.607 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Tgt Ion: 43 Resp: 113907

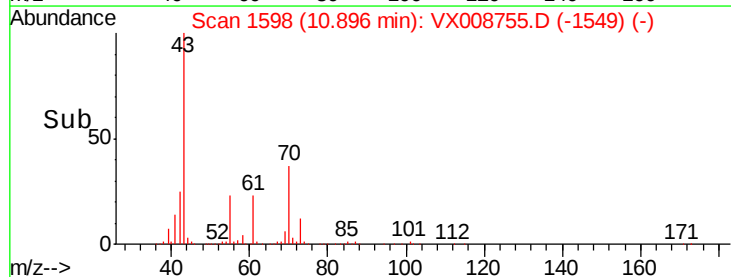
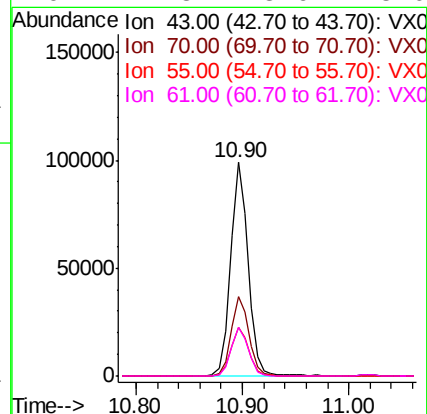
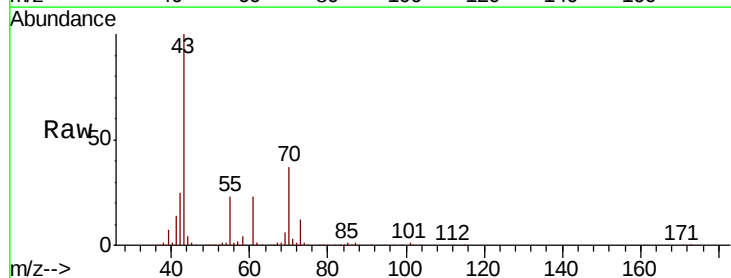
Ion Ratio Lower Upper

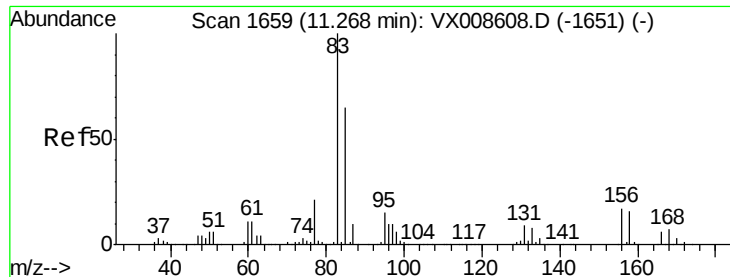
43 100

70 38.1 30.2 45.4

55 23.2 18.2 27.4

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.660 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

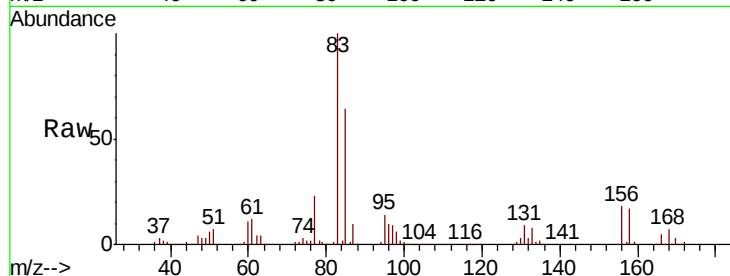
Tot Ion: 83 Resp: 73833

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

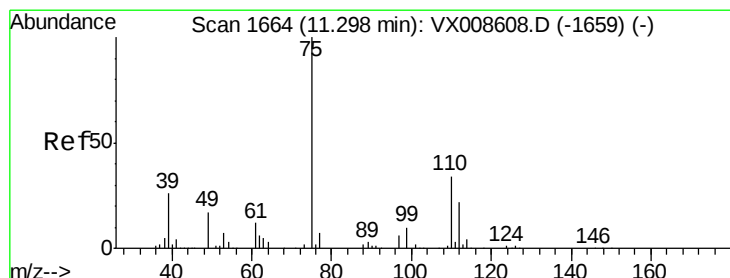
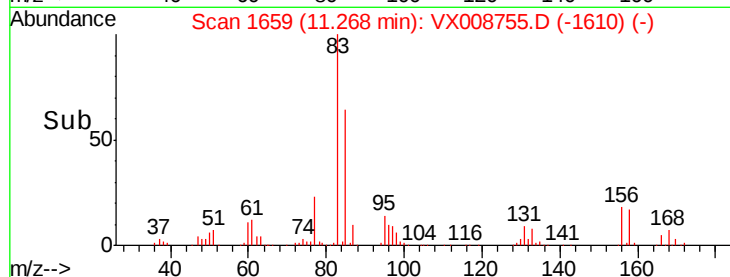
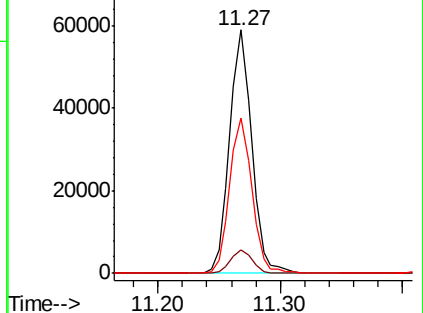
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.225 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008755.D

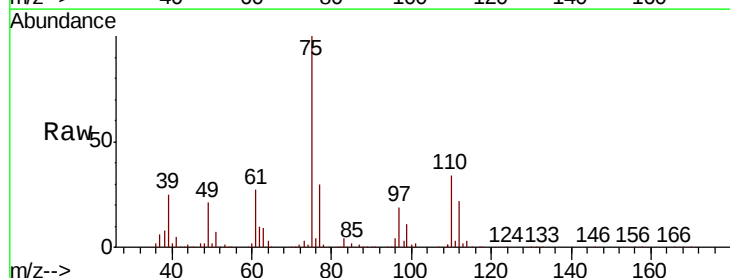
Acq: 08 Apr 2019 19:09

Tgt Ion: 75 Resp: 85840

Ion Ratio Lower Upper

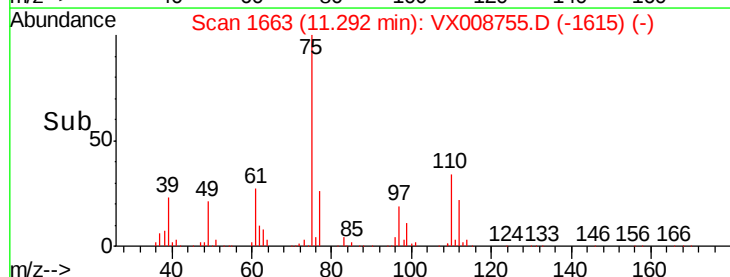
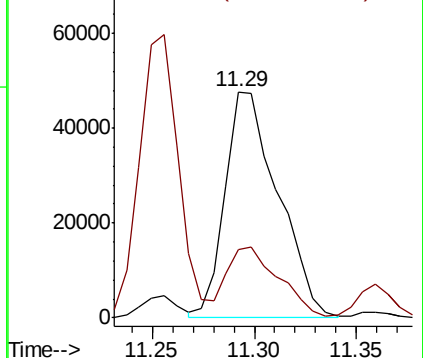
75 100

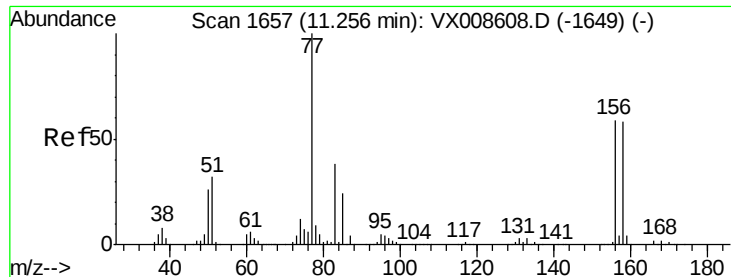
77 30.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.927 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBS01

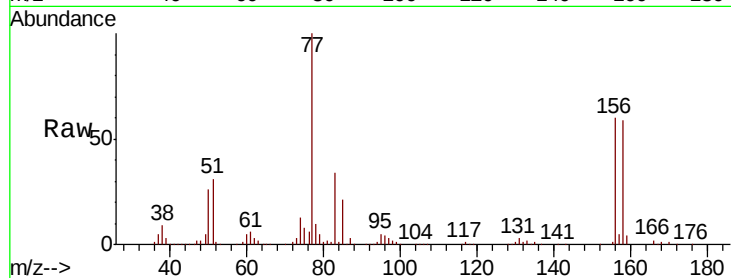
Tot Ion:156 Resp: 44930

Ion Ratio Lower Upper

156 100

77 177.9 89.8 269.6

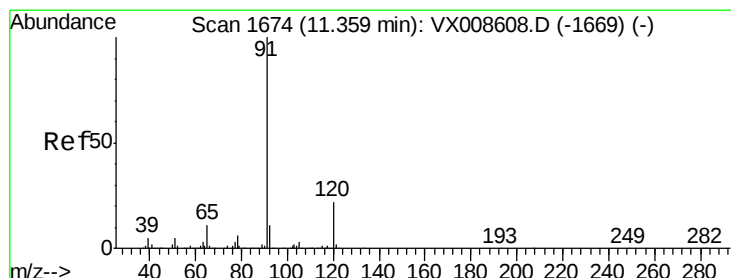
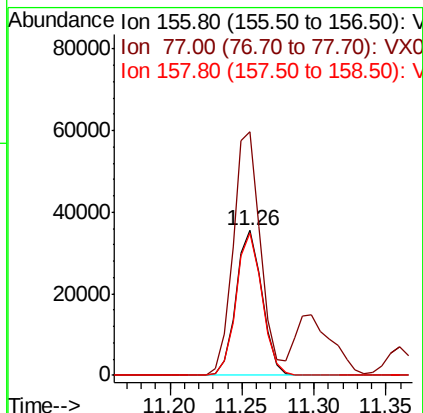
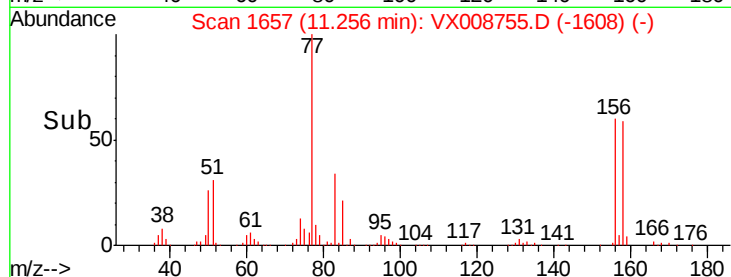
158 98.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.386 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008755.D

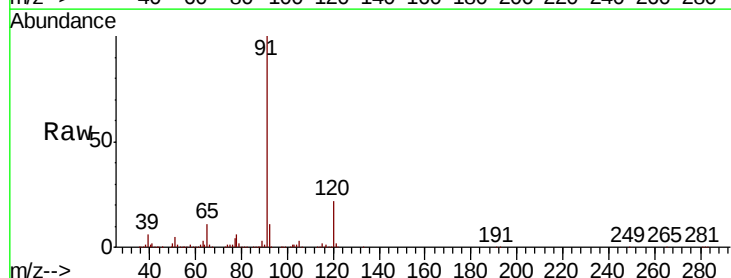
Acq: 08 Apr 2019 19:09

Tgt Ion: 91 Resp: 211391

Ion Ratio Lower Upper

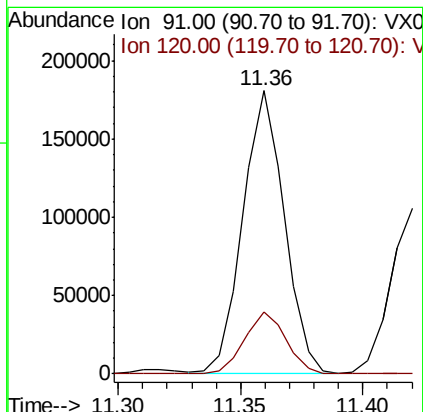
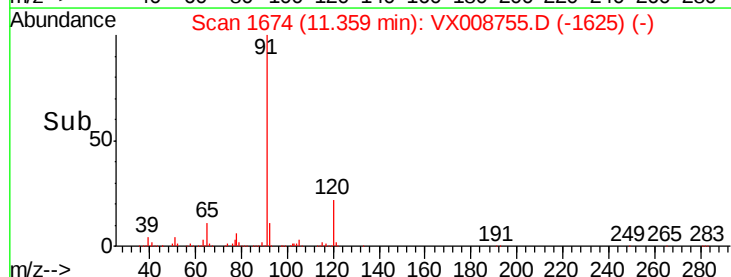
91 100

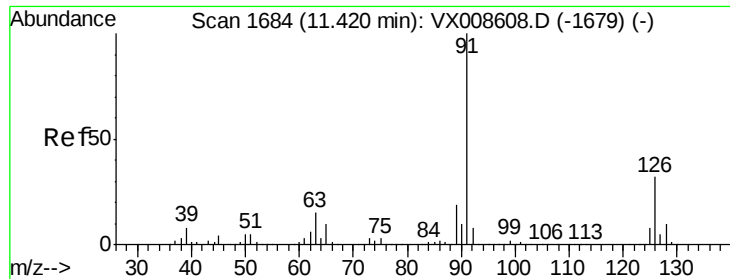
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.172 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

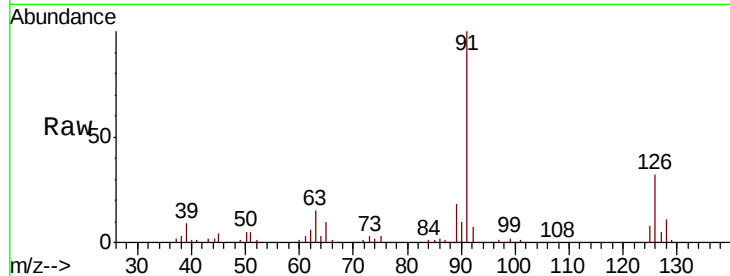
VX0408MBSD01

Tot Ion: 91 Resp: 126439

Ion Ratio Lower Upper

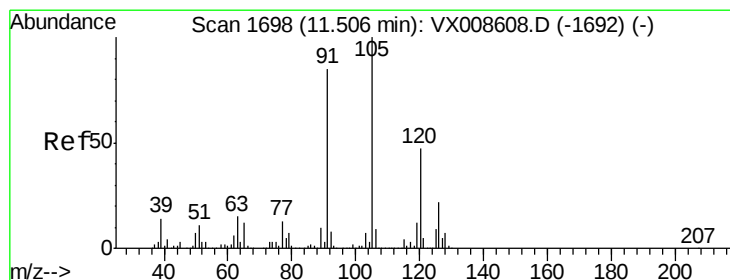
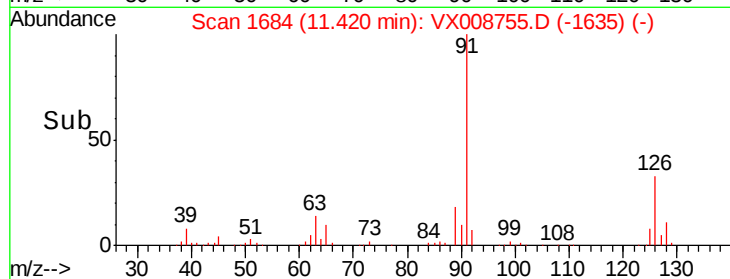
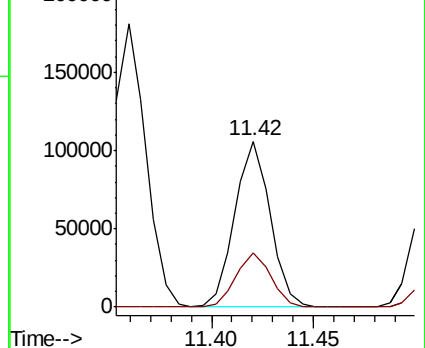
91 100

126 32.4 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.950 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008755.D

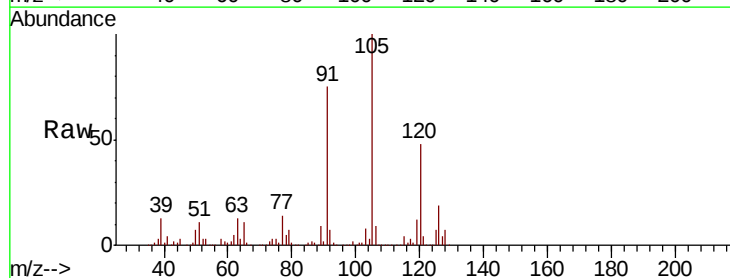
Acq: 08 Apr 2019 19:09

Tgt Ion:105 Resp: 157071

Ion Ratio Lower Upper

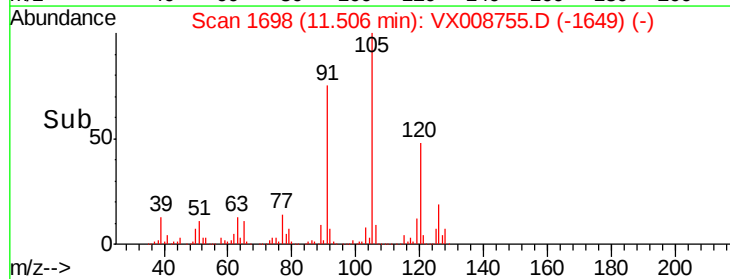
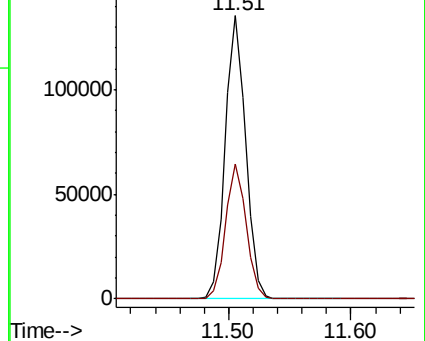
105 100

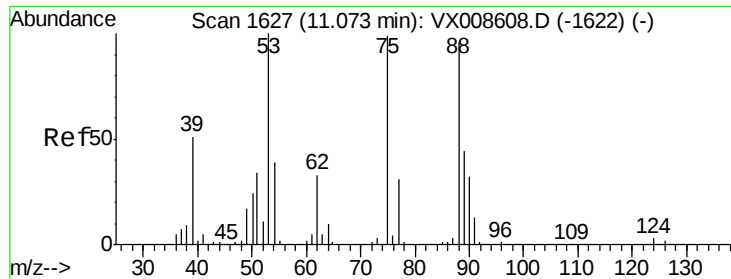
120 47.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.351 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

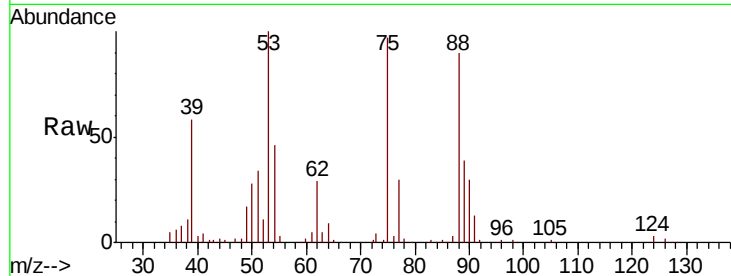
Tot Ion: 75 Resp: 22978

Ion Ratio Lower Upper

75 100

53 110.3 81.3 121.9

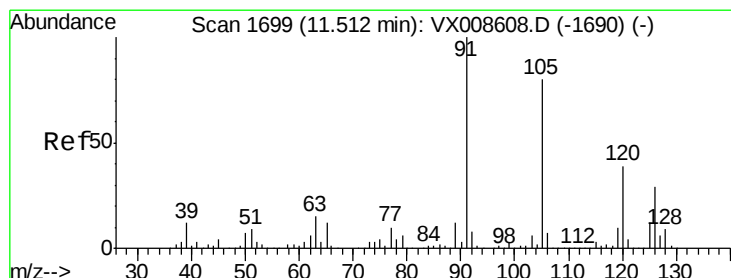
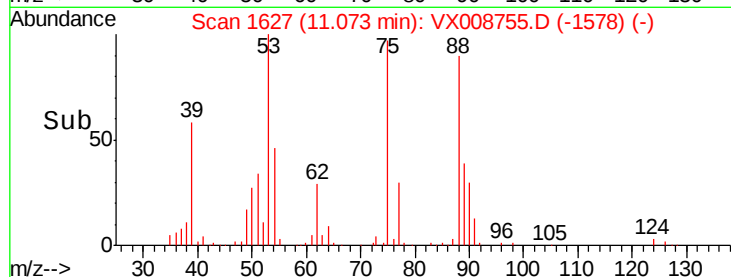
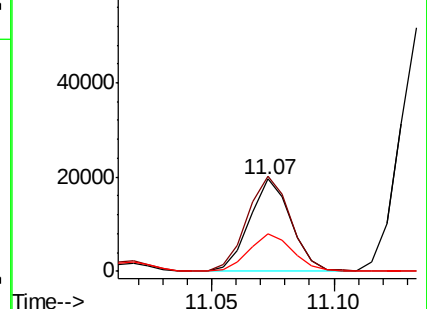
89 44.0 35.6 53.4



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: 17.930 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008755.D

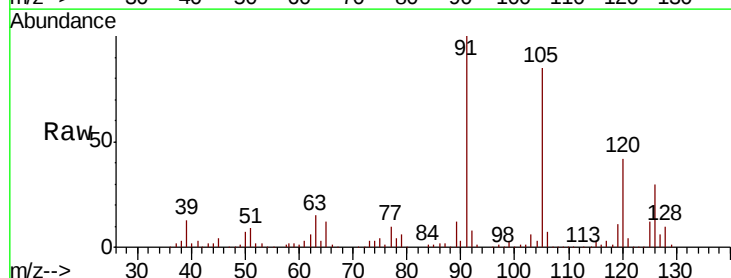
Acq: 08 Apr 2019 19:09

Tgt Ion: 91 Resp: 144409

Ion Ratio Lower Upper

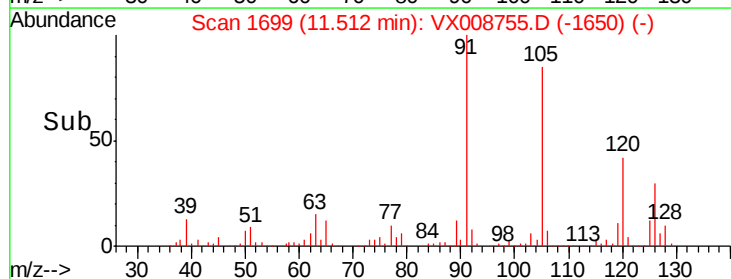
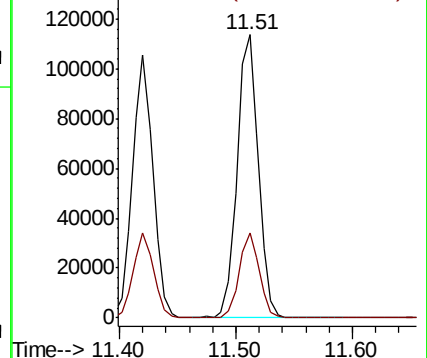
91 100

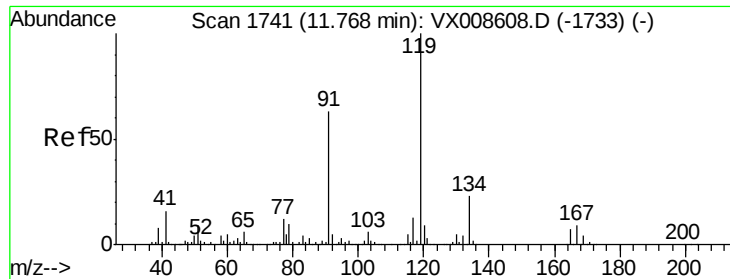
126 28.5 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

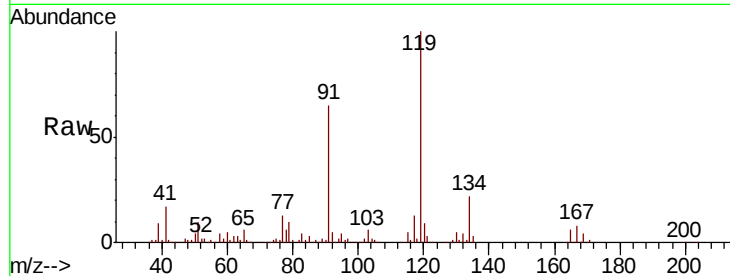




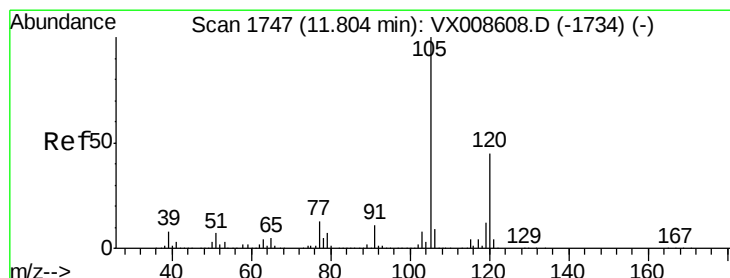
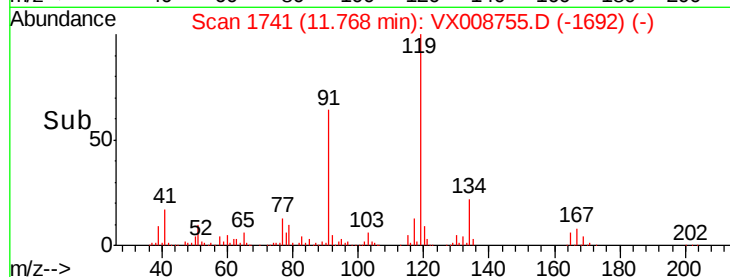
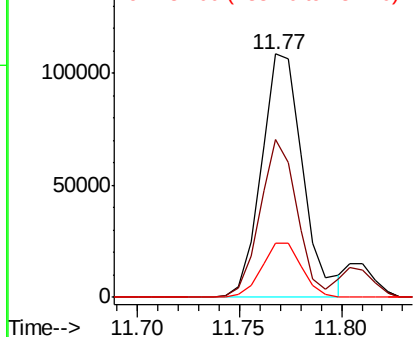
#83
tert-Butylbenzene
Concen: 19.232 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	30.0	90.1
134	21.7	11.1	33.3

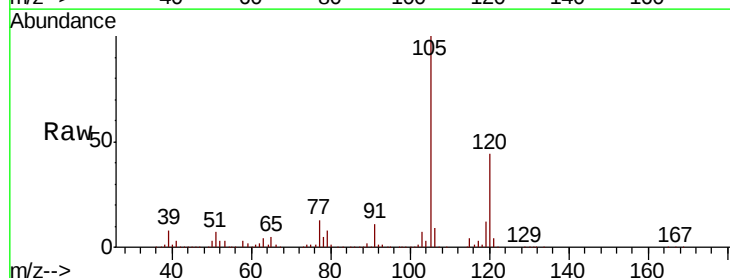


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

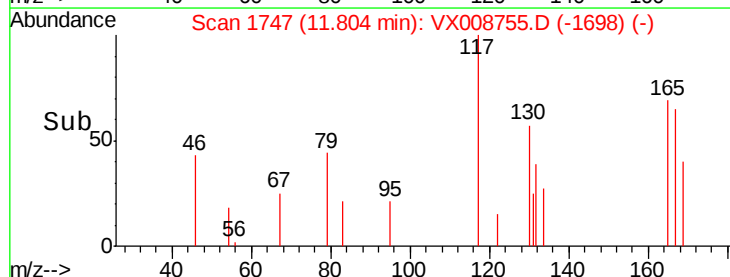
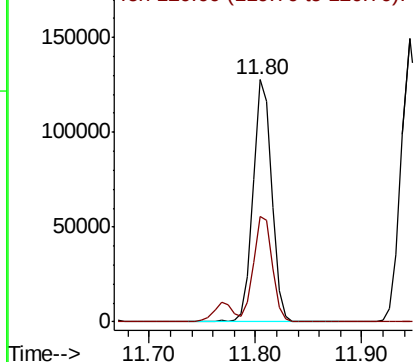


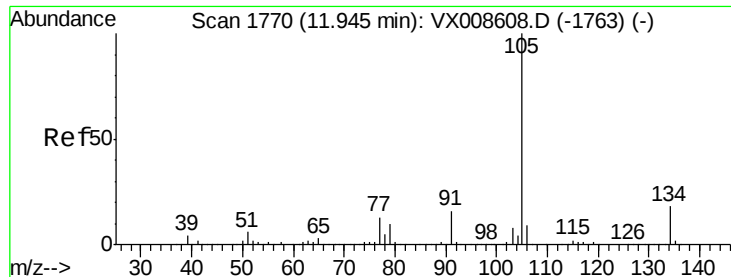
#84
1,2,4-Trimethylbenzene
Concen: 18.817 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.8	65.3



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





#85

sec-Butylbenzene

Concen: 18.812 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

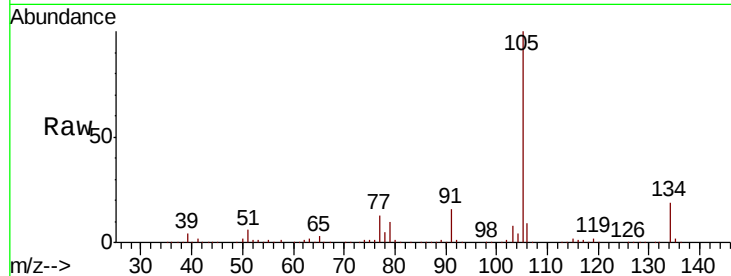
VX0408MBS01

Tot Ion:105 Resp: 178188

Ion Ratio Lower Upper

105 100

134 19.4 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

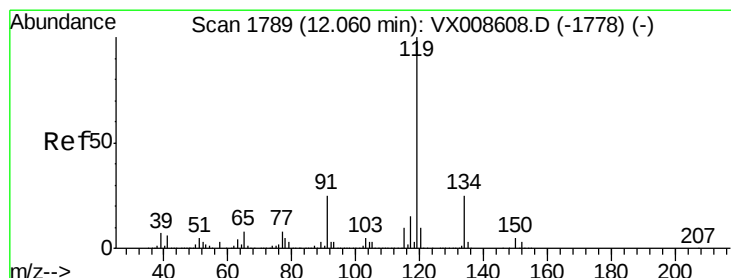
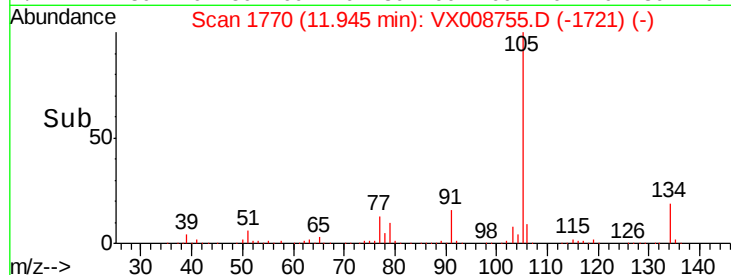
11.94

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.661 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

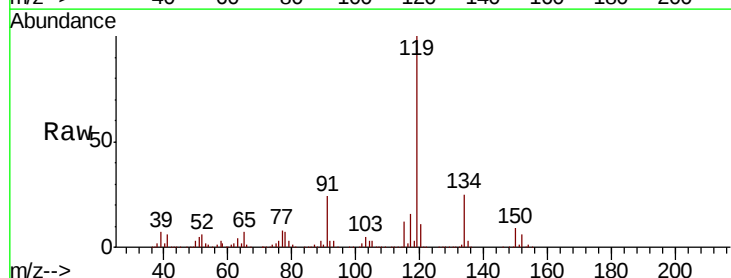
Tgt Ion:119 Resp: 158649

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 24.2 12.2 36.6



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

150000

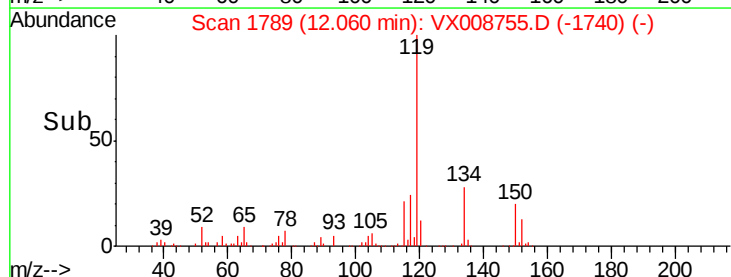
12.06

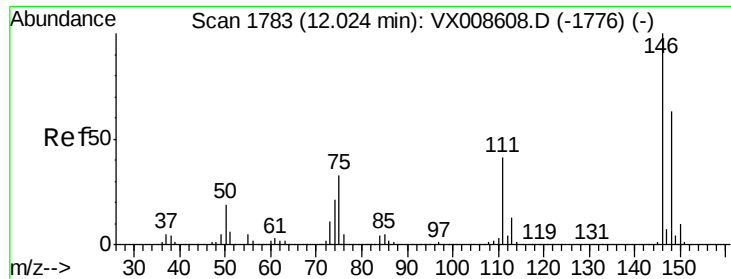
100000

50000

0

Time-->

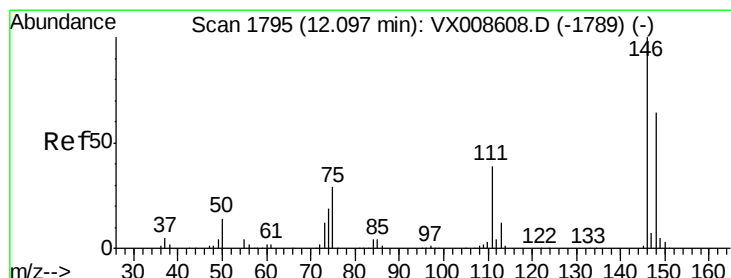
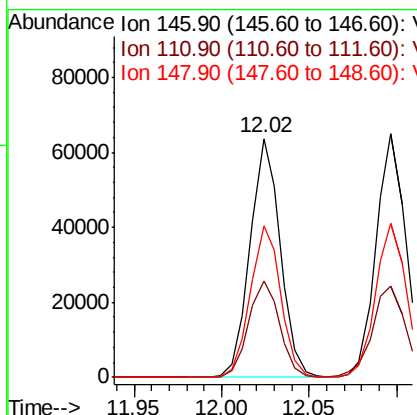
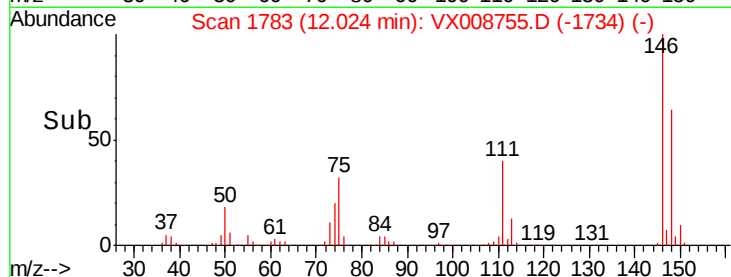
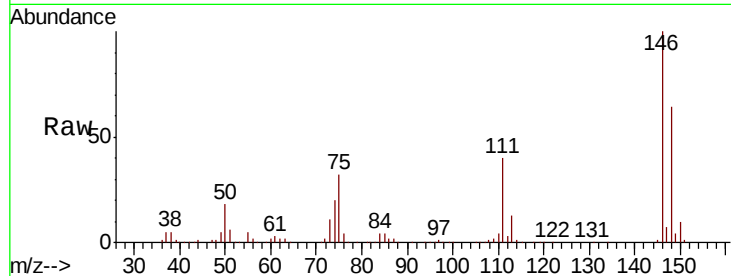




#87
 1,3-Dichlorobenzene
 Concen: 18.060 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

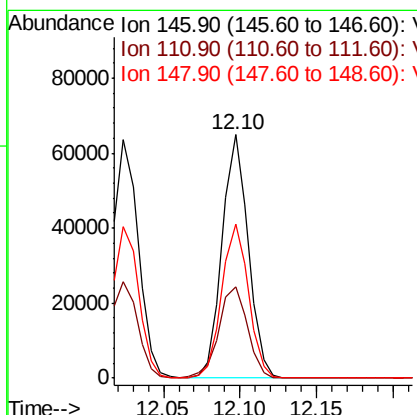
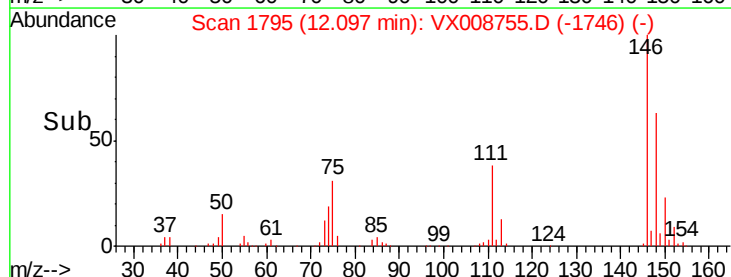
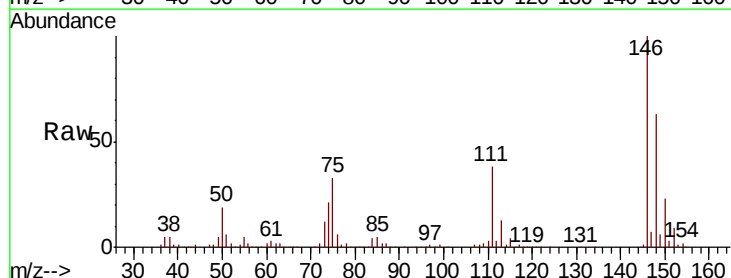
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

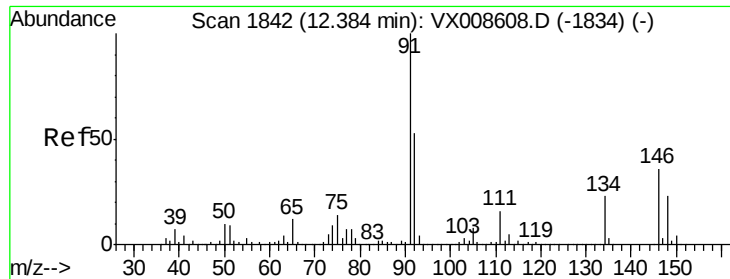
Tot Ion:146 Resp: 76749
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 64.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.872 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion:146 Resp: 76911
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.2 60.6
 148 65.0 32.0 96.0

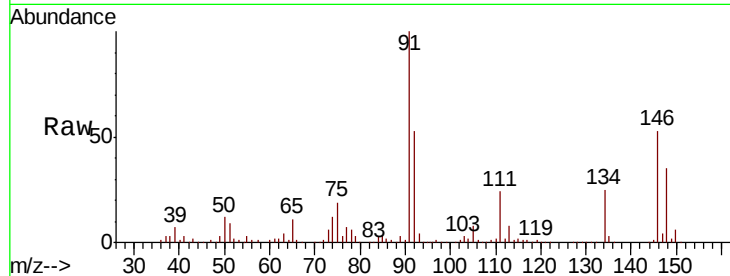




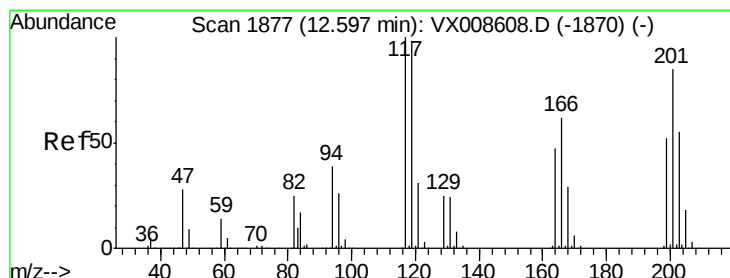
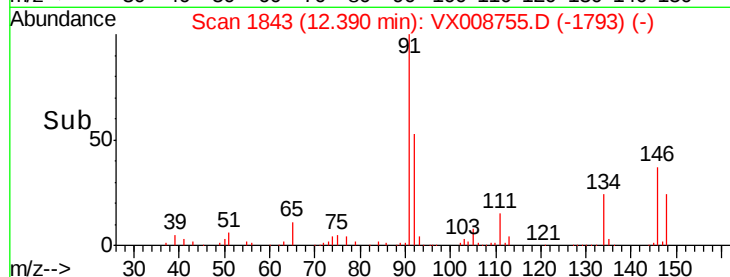
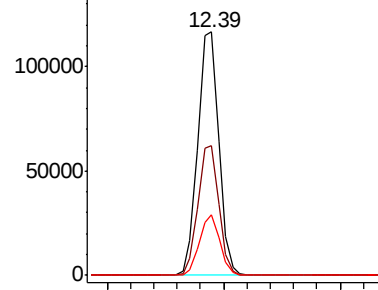
#89
n-Butylbenzene
Concen: 18.303 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBS01

Tot Ion: 91 Resp: 145935
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.1 12.0 36.0

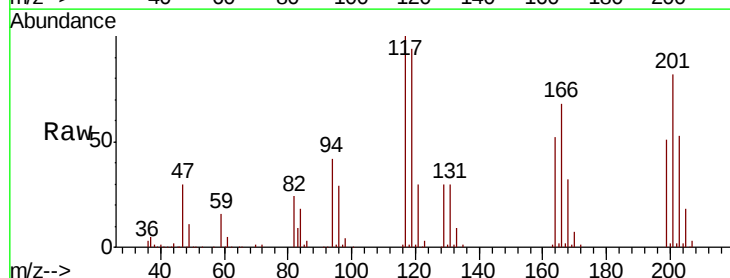


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

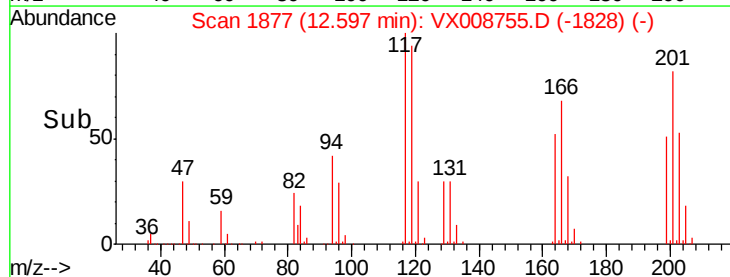
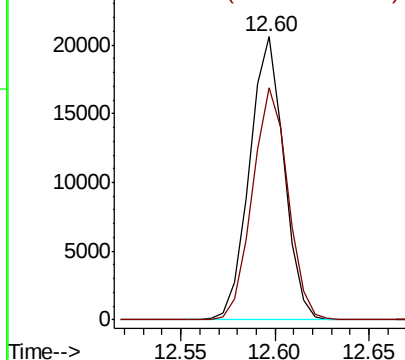


#90
Hexachloroethane
Concen: 18.455 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008755.D
Acq: 08 Apr 2019 19:09

Tgt Ion: 117 Resp: 26023
Ion Ratio Lower Upper
117 100
201 84.6 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.434 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

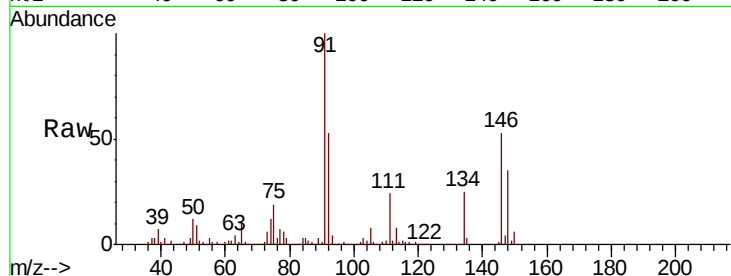
Tot Ion:146 Resp: 77782

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

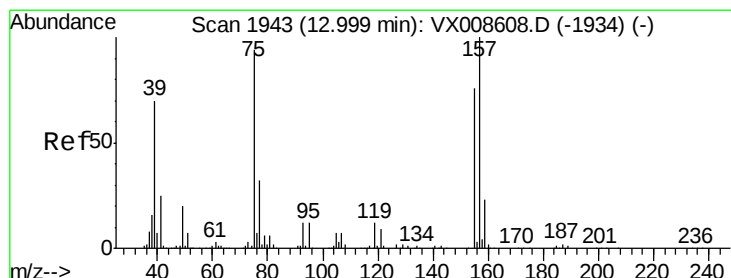
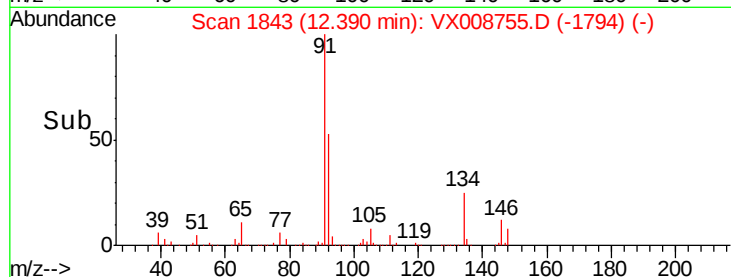
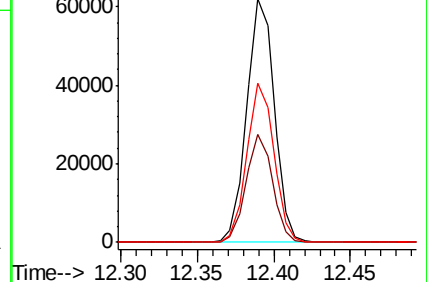
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.435 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

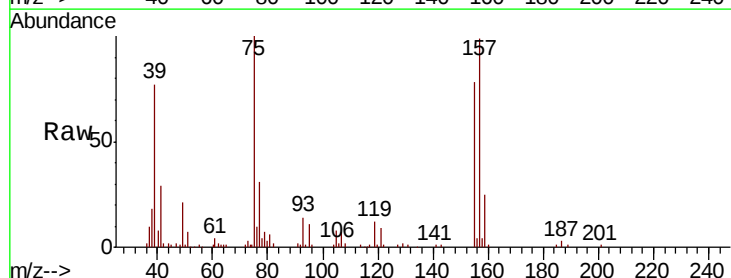
Tgt Ion: 75 Resp: 16056

Ion Ratio Lower Upper

75 100

155 80.0 39.9 119.6

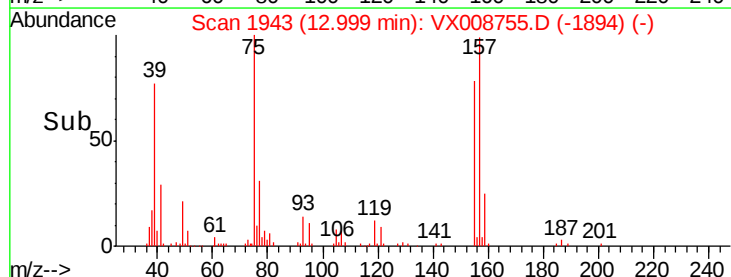
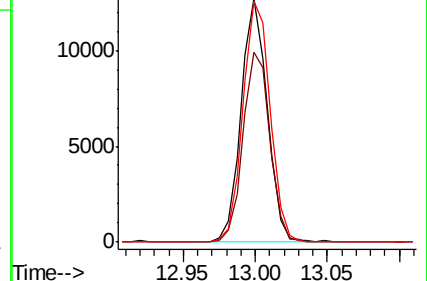
157 102.1 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

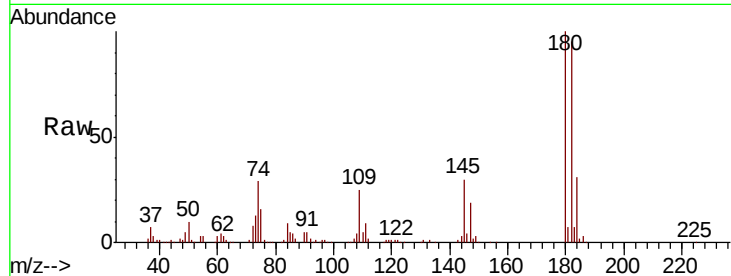




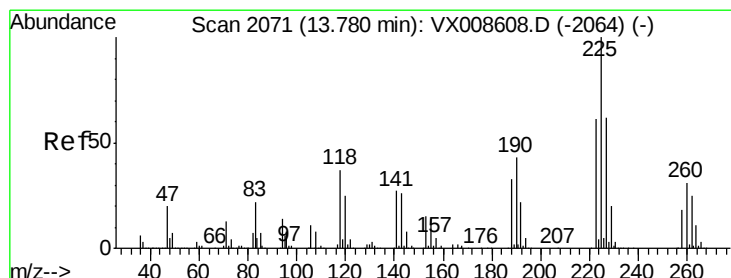
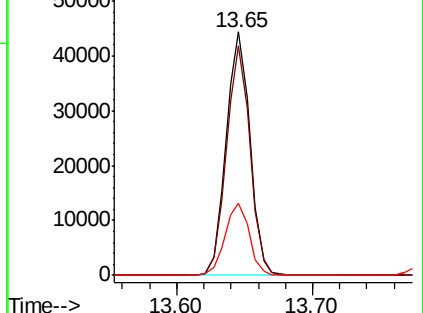
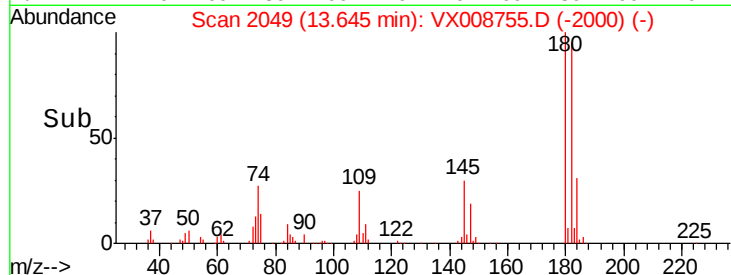
#93
 1,2,4-Trichlorobenzene
 Concen: 18.293 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

Tot Ion:180 Resp: 53667
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.2 141.6
 145 29.9 15.3 45.9

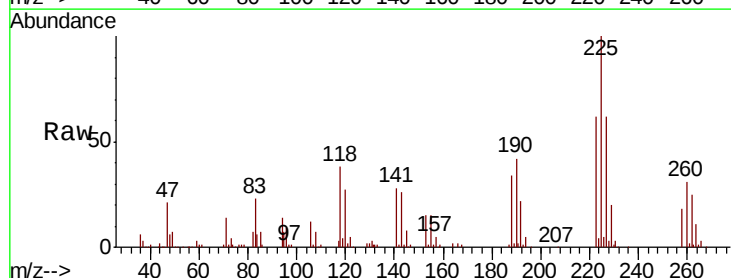


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

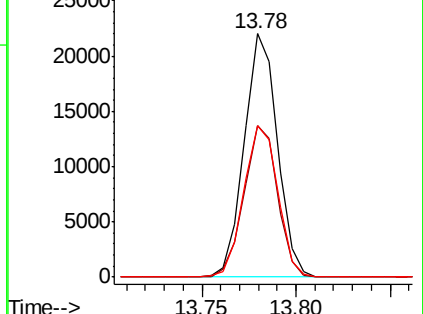
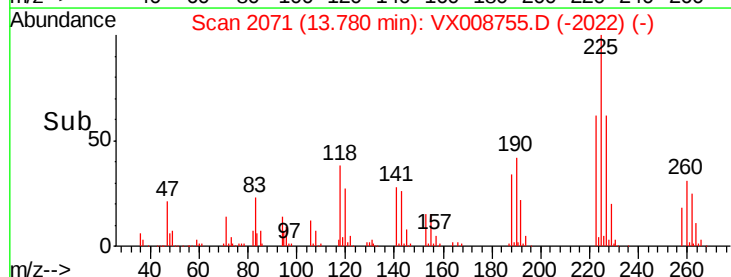


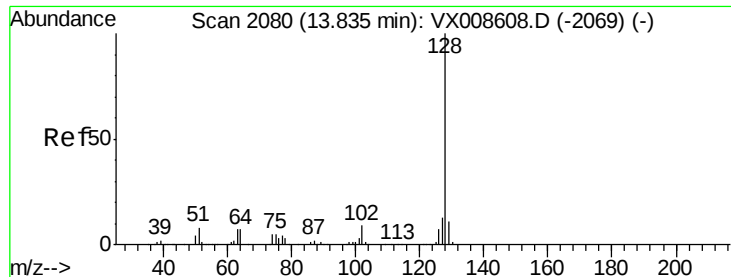
#94
 Hexachlorobutadiene
 Concen: 19.172 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008755.D
 Acq: 08 Apr 2019 19:09

Tgt Ion:225 Resp: 26975
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 63.6 31.9 95.5



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: 19.356 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBSD01

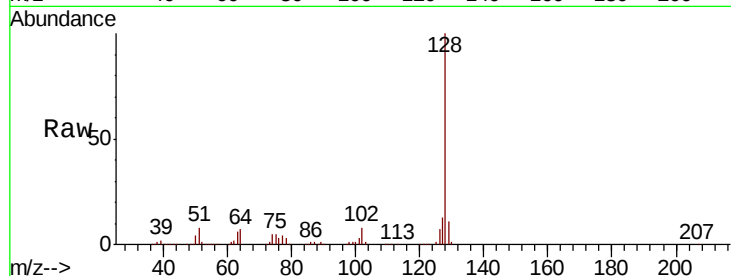
Tot Ion:128 Resp: 189790

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0

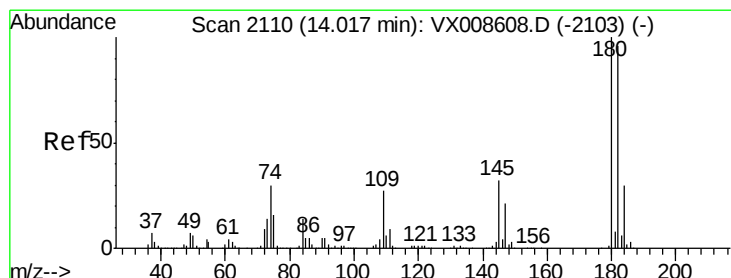
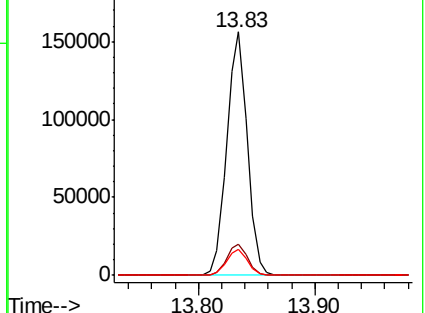
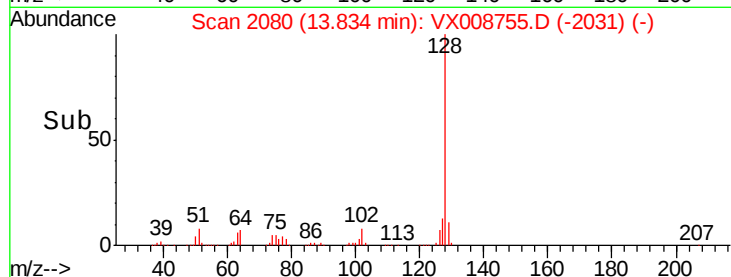


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.492 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

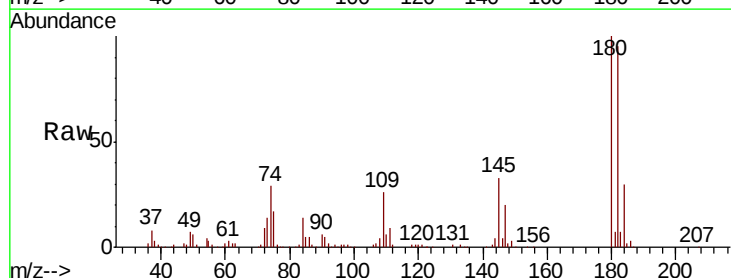
Tgt Ion:180 Resp: 54205

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

145 32.1 16.3 48.8



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

