

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
 Data File : VX008063.D
 Acq On : 14 Mar 2019 10:32
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 14 14:47:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209844	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	62712	20.29	ug/l	0.00
Spiked Amount			Recovery	=	40.58%	
35) Dibromofluoromethane	5.50	113	57262	20.79	ug/l	0.00
Spiked Amount			Recovery	=	41.58%	
50) Toluene-d8	8.71	98	217310	20.47	ug/l	0.00
Spiked Amount			Recovery	=	40.94%	
62) 4-Bromofluorobenzene	11.13	95	78750	20.61	ug/l	0.00
Spiked Amount			Recovery	=	41.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	51096	19.887	ug/l	99
3) Chloromethane	1.33	50	54462	19.548	ug/l	99
4) Vinyl Chloride	1.41	62	54591	20.526	ug/l	99
5) Bromomethane	1.64	94	28962	21.441	ug/l	97
6) Chloroethane	1.73	64	29257	18.733	ug/l	98
7) Trichlorofluoromethane	1.93	101	61205	19.415	ug/l	98
8) Diethyl Ether	2.19	74	32373	19.061	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48558	19.395	ug/l	98
10) Methyl Iodide	2.51	142	71650	18.102	ug/l	98
11) Tert butyl alcohol	3.07	59	60205	97.126	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45446	18.877	ug/l	93
13) Acrolein	2.30	56	54958	95.924	ug/l	100
14) Allyl chloride	2.73	41	83054	18.804	ug/l	97
15) Acrylonitrile	3.15	53	141357	93.851	ug/l	99
16) Acetone	2.45	43	146035	99.939	ug/l	98
17) Carbon Disulfide	2.57	76	134551	18.732	ug/l	99
18) Methyl Acetate	2.78	43	62718	18.954	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	153332	19.002	ug/l	96
20) Methylene Chloride	2.86	84	50718	19.194	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	48797	18.980	ug/l	92
22) Diisopropyl ether	3.87	45	164439	18.601	ug/l	98
23) Vinyl Acetate	3.82	43	700601	90.682	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90128	18.549	ug/l	99
25) 2-Butanone	4.70	43	221752	95.380	ug/l	99
26) 2,2-Dichloropropane	4.59	77	67627	18.623	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	58177	19.285	ug/l	97
28) Bromochloromethane	5.02	49	45665	19.527	ug/l	94
29) Tetrahydrofuran	5.15	42	138313	93.717	ug/l	97
30) Chloroform	5.22	83	92467	19.461	ug/l	97
31) Cyclohexane	5.58	56	87872	19.033	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	77224	18.586	ug/l	98
36) 1,1-Dichloropropene	5.80	75	70179	19.333	ug/l	98
37) Ethyl Acetate	4.85	43	76550	19.059	ug/l	98
38) Carbon Tetrachloride	5.78	117	69219	19.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88907	18.814	ug/l	98
40) Benzene	6.15	78	217150	19.489	ug/l	99
41) Methacrylonitrile	5.06	41	44332	19.356	ug/l	98
42) 1,2-Dichloroethane	6.20	62	70059	19.674	ug/l	100
43) Isopropyl Acetate	6.46	43	120809	18.704	ug/l	98
44) Trichloroethene	7.21	130	61447	19.362	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57008	19.192	ug/l	96
46) Dibromomethane	7.66	93	36368	19.335	ug/l	97
47) Bromodichloromethane	7.90	83	66541	18.659	ug/l	99
48) Methyl methacrylate	7.77	41	64257	18.592	ug/l	97
49) 1,4-Dioxane	7.75	88	27893	389.074	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	415283	98.021	ug/l	99
52) Toluene	8.78	92	138172	19.348	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72636	17.881	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	81992	18.137	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56666	19.686	ug/l	98
56) Ethyl methacrylate	9.18	69	84835	19.178	ug/l	97
57) 1,3-Dichloropropane	9.37	76	93267	19.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	240366	93.133	ug/l	98
59) 2-Hexanone	9.49	43	330212	101.320	ug/l	99
60) Dibromochloromethane	9.58	129	57298	18.528	ug/l	100
61) 1,2-Dibromoethane	9.67	107	60015	19.256	ug/l	99
64) Tetrachloroethene	9.34	164	63990	19.660	ug/l	99
65) Chlorobenzene	10.14	112	154633	19.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	54802	18.494	ug/l	98
67) Ethyl Benzene	10.25	91	258611	19.049	ug/l	99
68) m/p-Xylenes	10.36	106	200457	38.326	ug/l	99
69) o-Xylene	10.70	106	96704	19.029	ug/l	99
70) Styrene	10.71	104	161431	19.191	ug/l	99
71) Bromoform	10.85	173	45334	18.134	ug/l #	99
73) Isopropylbenzene	11.02	105	260709	19.457	ug/l	100
74) N-amyl acetate	10.90	43	110278	19.672	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85779	20.535	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	96567	27.354	ug/l	92
77) Bromobenzene	11.26	156	70772	19.753	ug/l	97
78) n-propylbenzene	11.36	91	288010	19.226	ug/l	100
79) 2-Chlorotoluene	11.42	91	174476	19.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	215652	19.383	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23579	17.728	ug/l	96
82) 4-Chlorotoluene	11.51	91	196874	19.522	ug/l	100
83) tert-Butylbenzene	11.77	119	211084	19.357	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	223087	19.501	ug/l	99
85) sec-Butylbenzene	11.94	105	255883	19.192	ug/l	98
86) p-Isopropyltoluene	12.06	119	229408	18.974	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	122706	19.344	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123271	19.493	ug/l	99
89) n-Butylbenzene	12.39	91	185058	18.349	ug/l	100
90) Hexachloroethane	12.60	117	35044	18.040	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	122028	19.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17359	18.819	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
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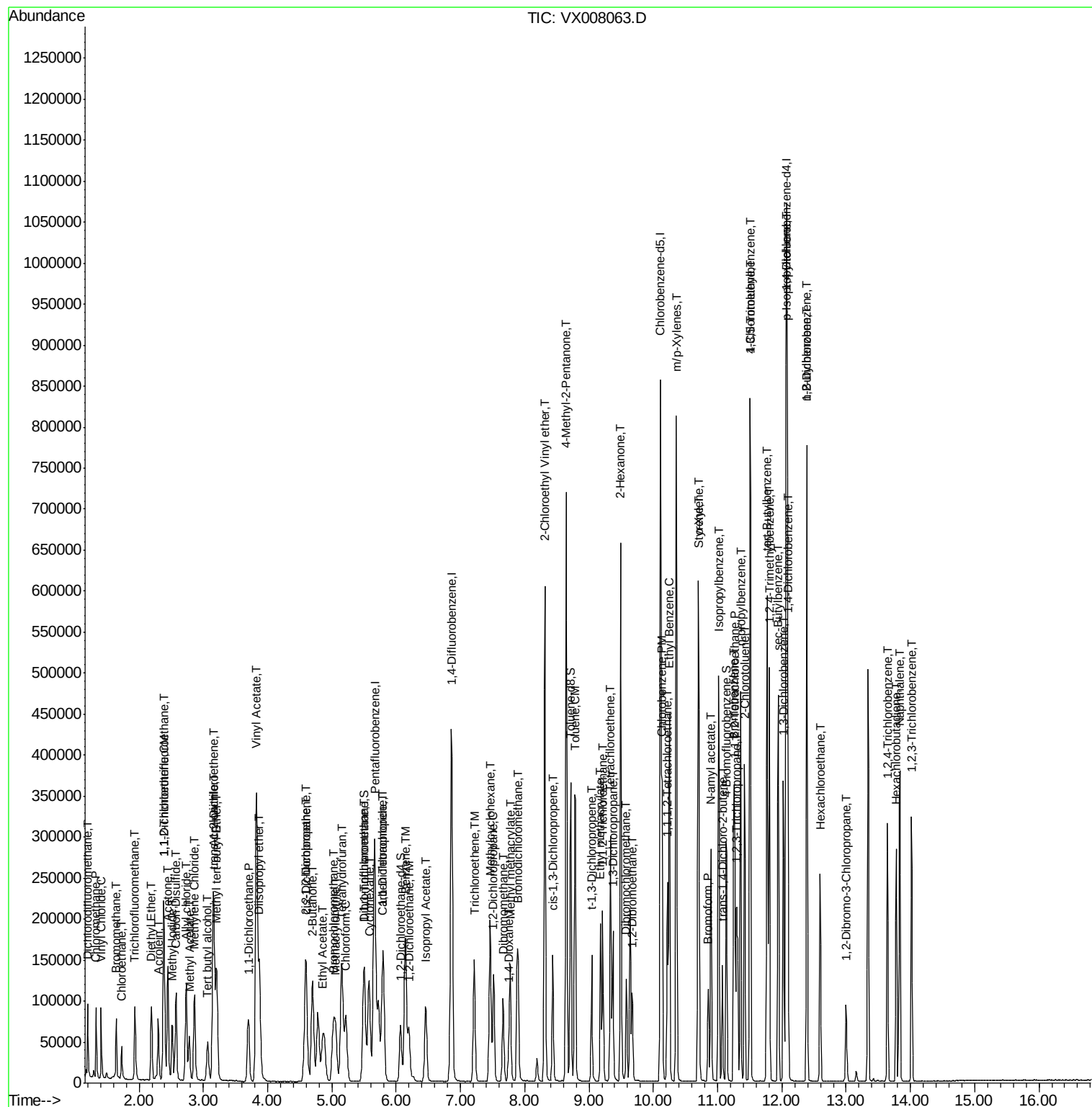
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83767	18.744	ug/l	100
94) Hexachlorobutadiene	13.78	225	46237	18.981	ug/l	99
95) Naphthalene	13.83	128	243639	18.424	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84543	18.974	ug/l	98

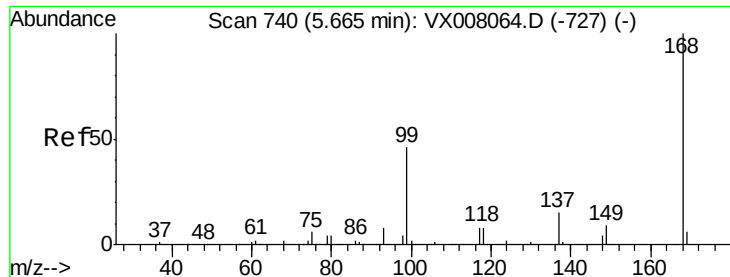
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
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Quant Time: Mar 14 14:47:49 2019
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Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

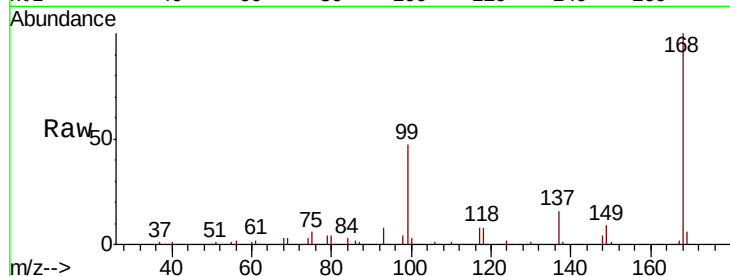
VSTDIC020

Tgt Ion:168 Resp: 319075

Ion Ratio Lower Upper

168 100

99 47.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

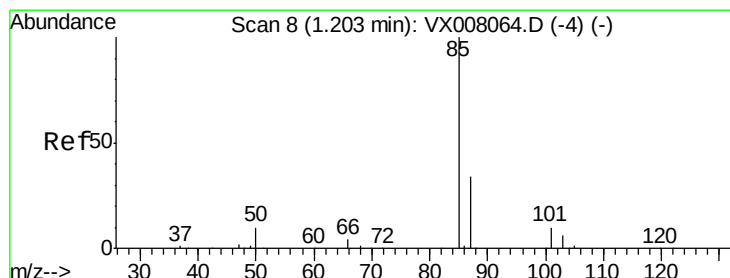
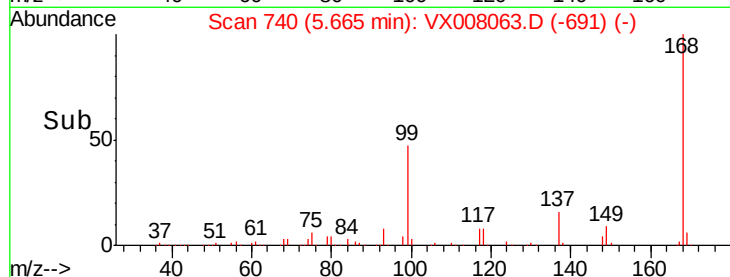
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 19.887 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008063.D

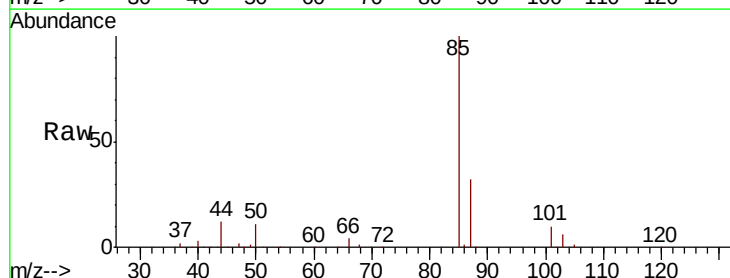
Acq: 14 Mar 2019 10:32

Tgt Ion: 85 Resp: 51096

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

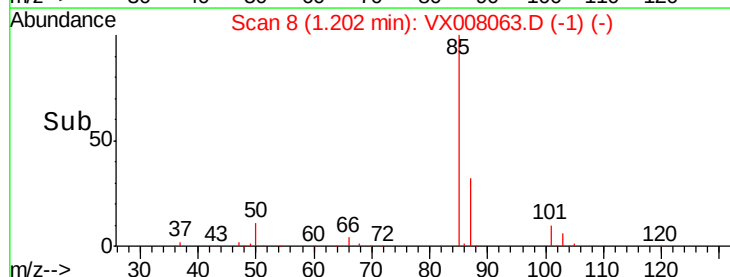
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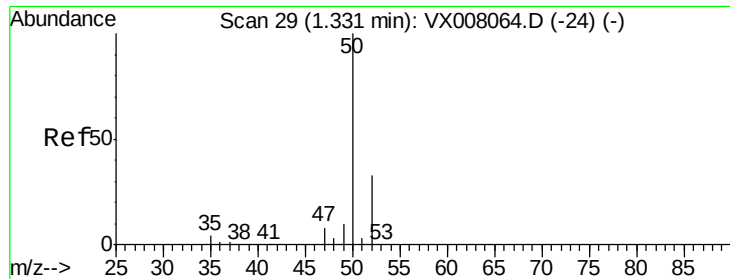
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Time-->

1.15 1.20 1.25 1.30

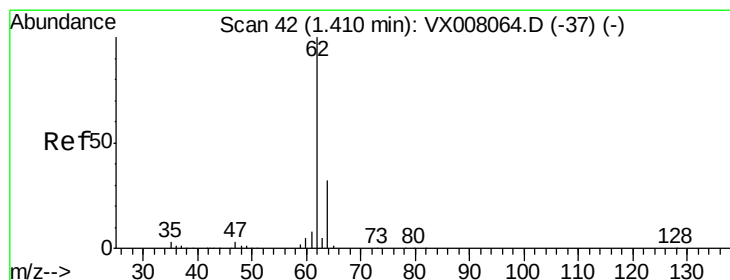
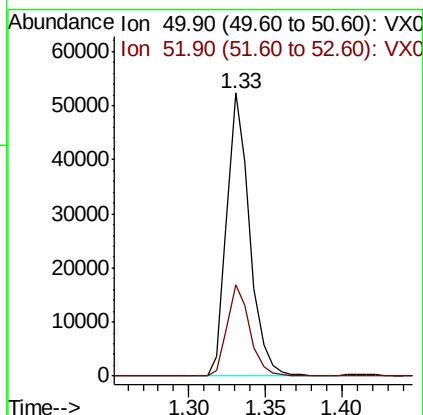
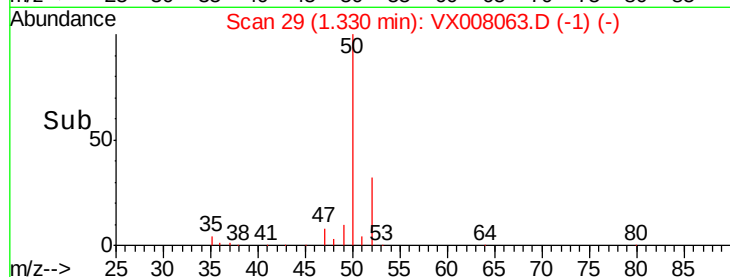
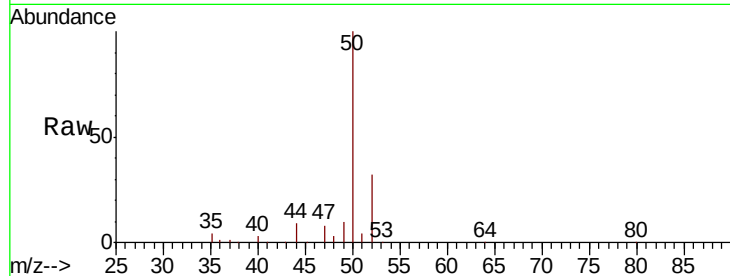




#3
Chloromethane
Concen: 19.548 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

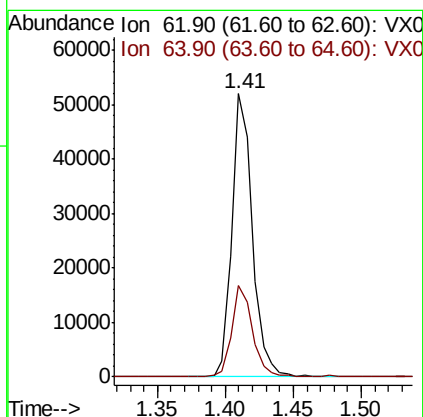
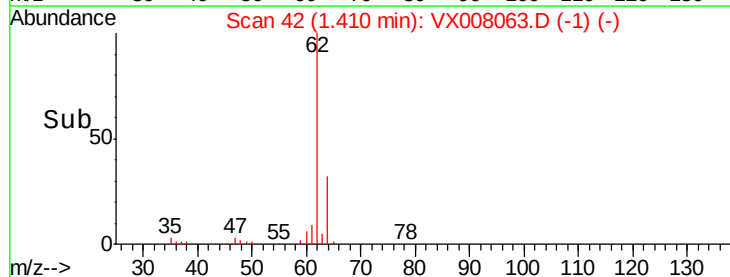
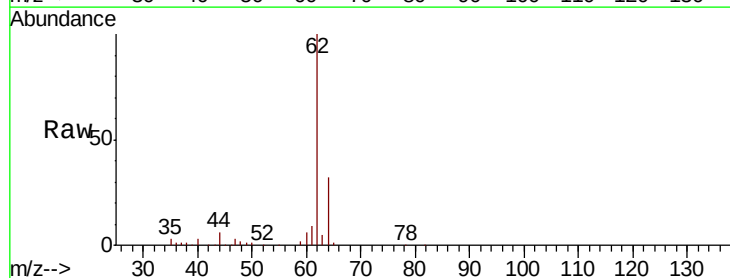
Instrument :
MSVOA_X
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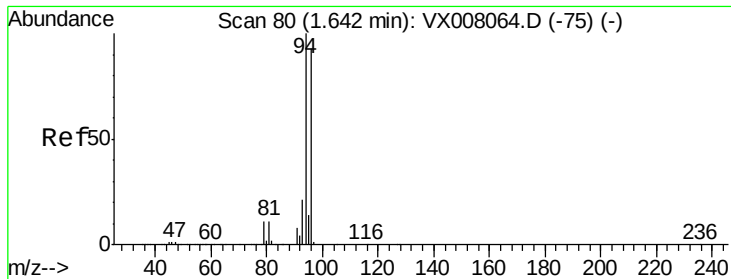
Tgt Ion: 50 Resp: 54462
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 20.526 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 62 Resp: 54591
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 21.441 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

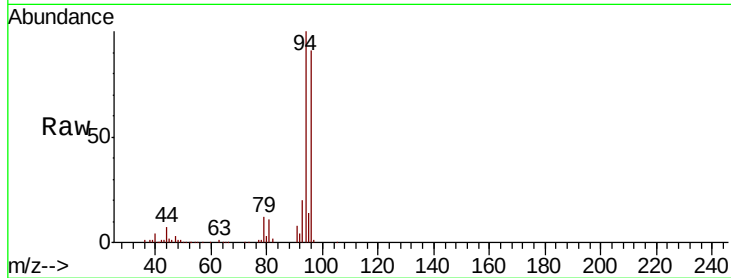
VSTDIC020

Tgt Ion: 94 Resp: 28962

Ion Ratio Lower Upper

94 100

96 91.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

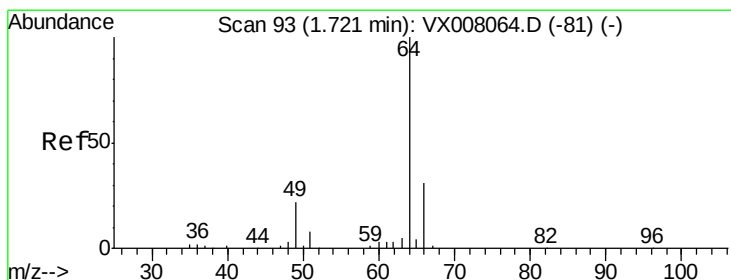
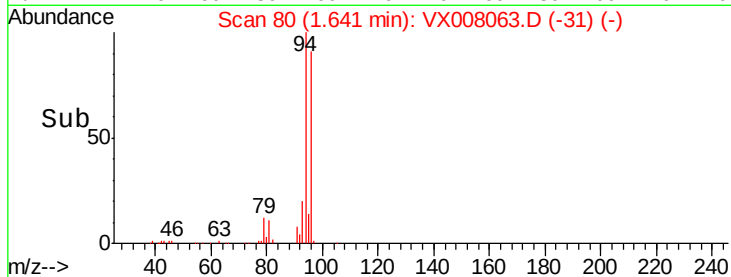
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.733 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008063.D

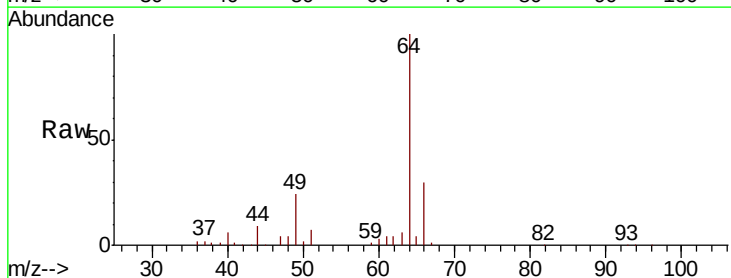
Acq: 14 Mar 2019 10:32

Tgt Ion: 64 Resp: 29257

Ion Ratio Lower Upper

64 100

66 30.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

20000

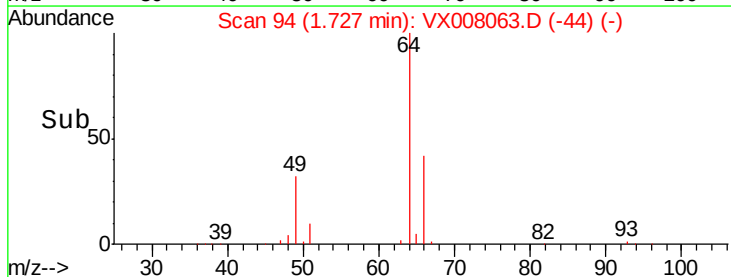
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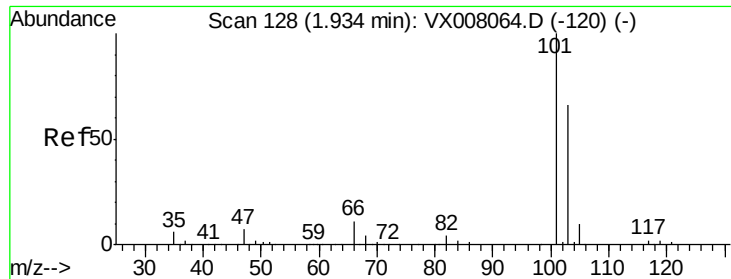
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5000

0

Time-->



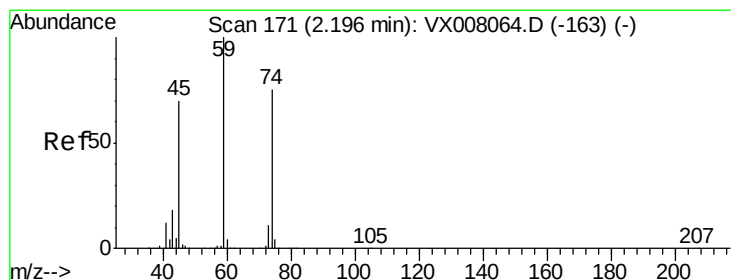
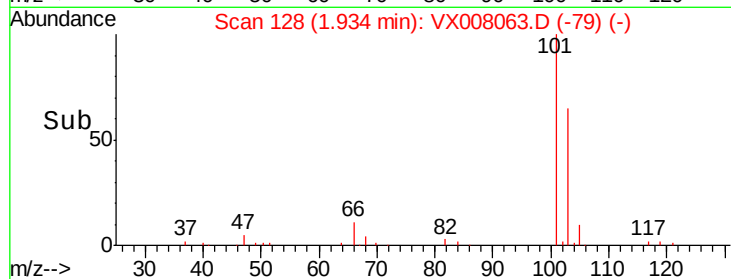
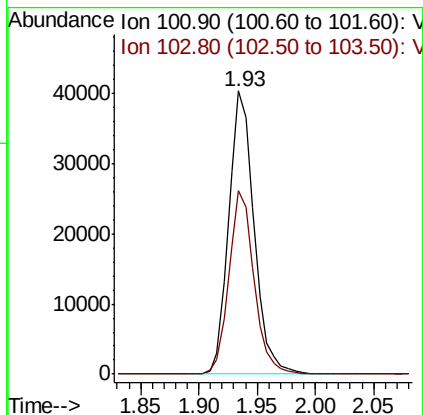
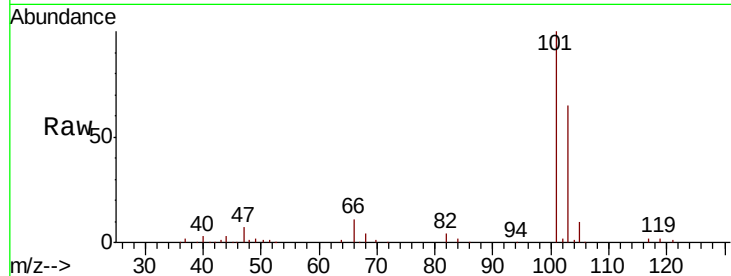


#7

Trichlorofluoromethane
 Concen: 19.415 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Instrument :
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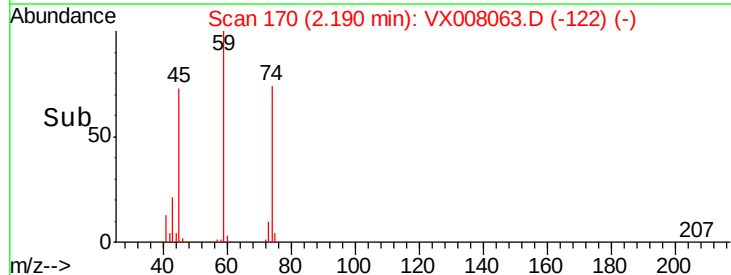
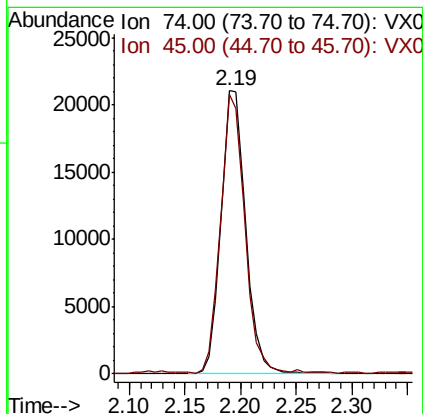
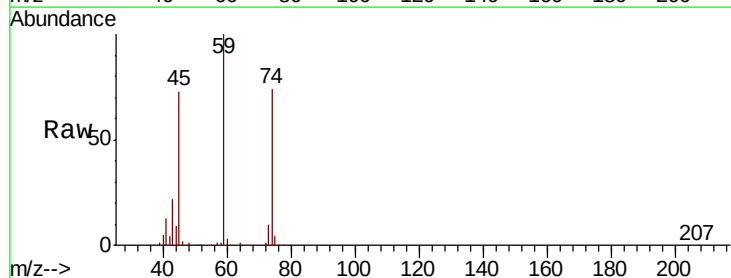
Tgt Ion: 101 Resp: 61205
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.4 75.6

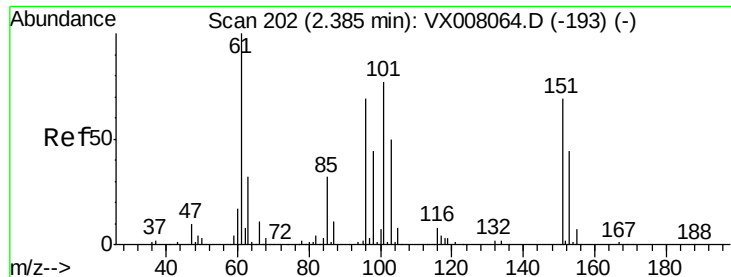


#8

Diethyl Ether
 Concen: 19.061 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 74 Resp: 32373
 Ion Ratio Lower Upper
 74 100
 45 96.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.395 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

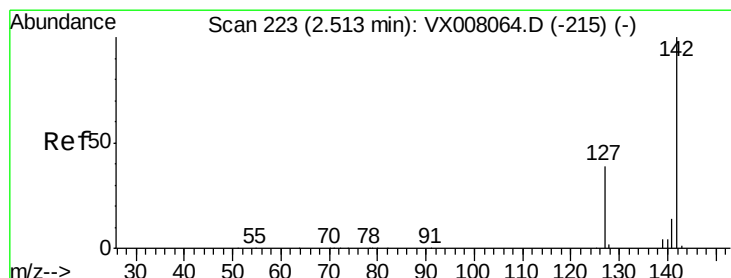
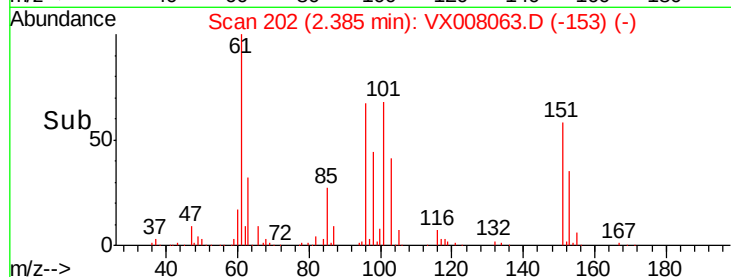
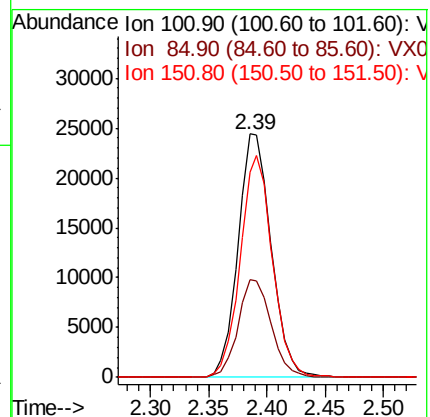
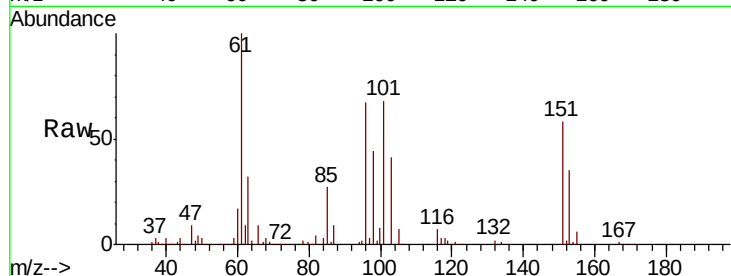
Tgt Ion:101 Resp: 48558

Ion Ratio Lower Upper

101 100

85 40.3 33.8 50.6

151 88.3 69.1 103.7



#10

Methyl Iodide

Concen: 18.102 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

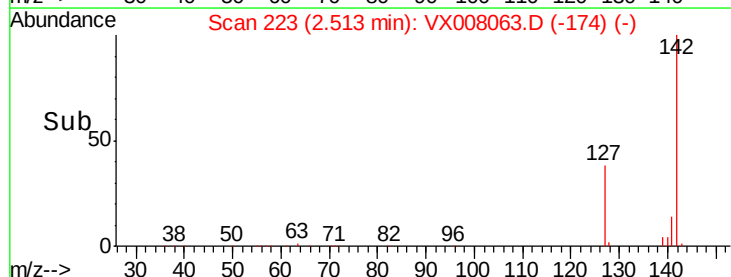
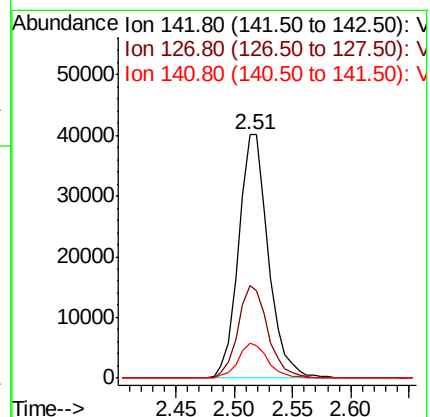
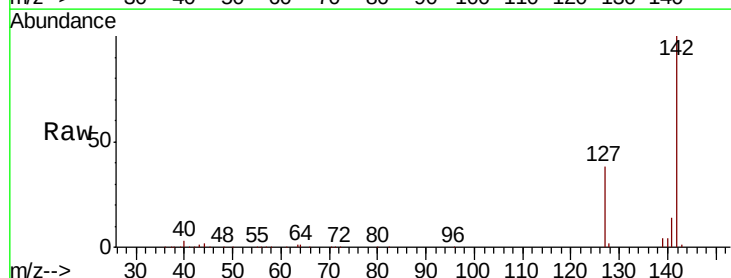
Tgt Ion:142 Resp: 71650

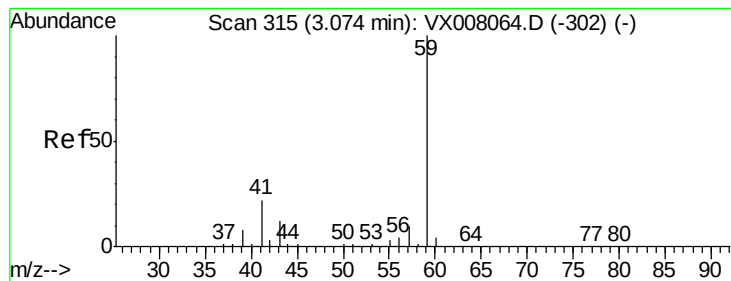
Ion Ratio Lower Upper

142 100

127 38.1 32.1 48.1

141 14.1 11.4 17.2



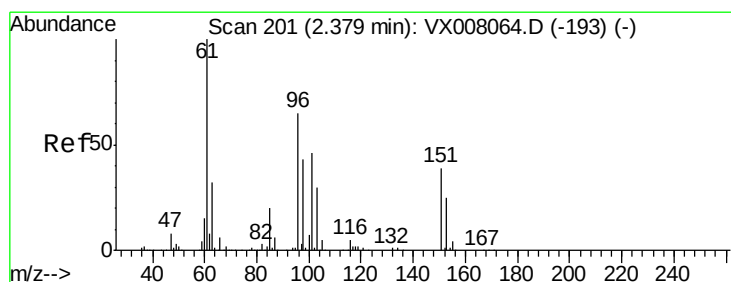
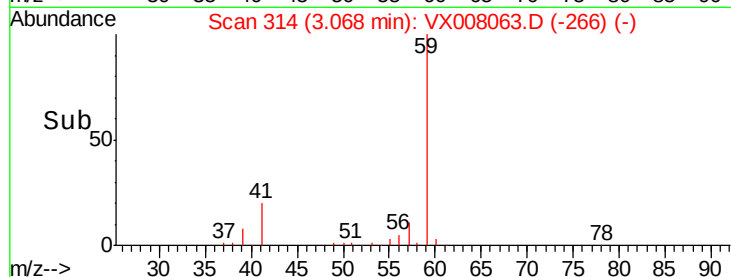
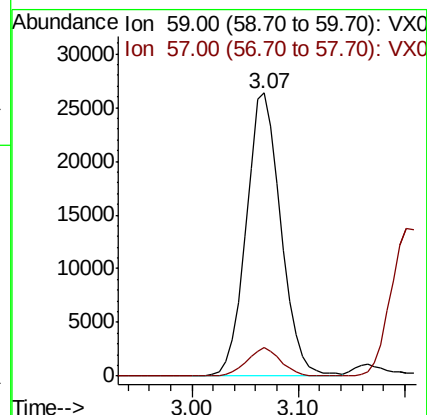
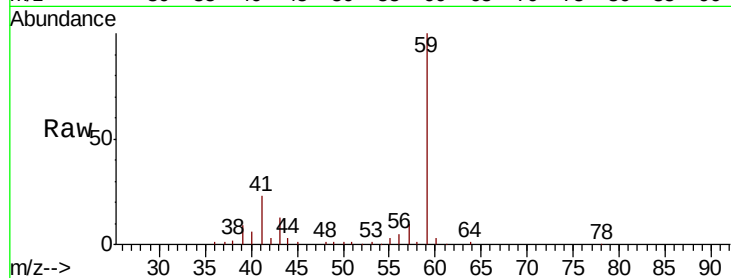


#11

Tert butyl alcohol
 Concen: 97.126 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

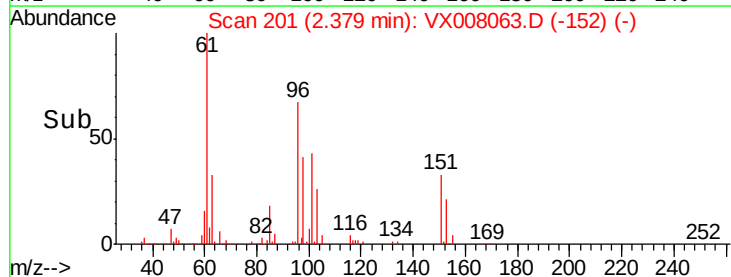
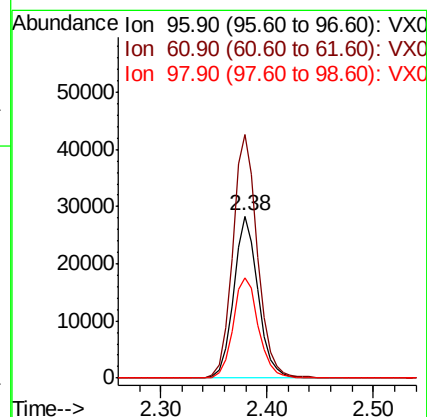
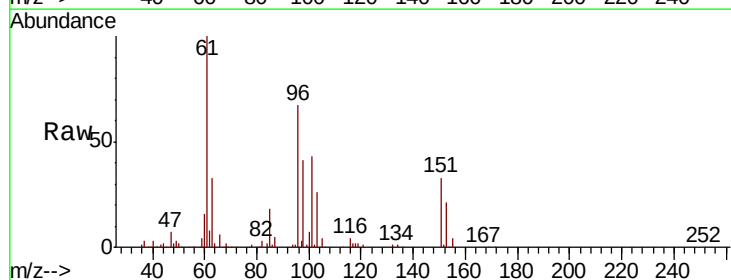
Tgt Ion: 59 Resp: 60205
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

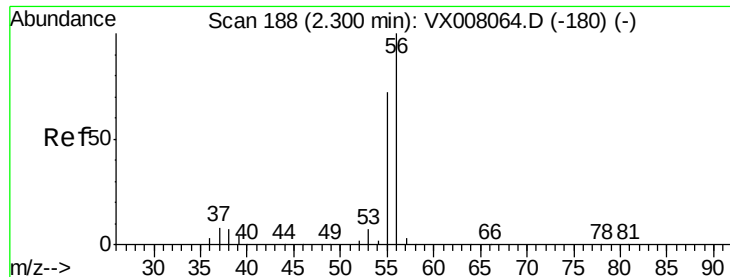


#12

1,1-Dichloroethene
 Concen: 18.877 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 96 Resp: 45446
 Ion Ratio Lower Upper
 96 100
 61 150.2 129.8 194.6
 98 62.1 51.0 76.6

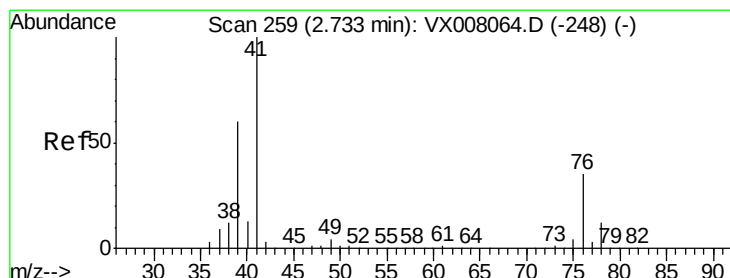
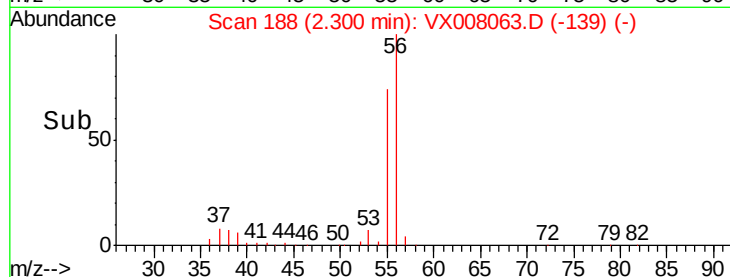
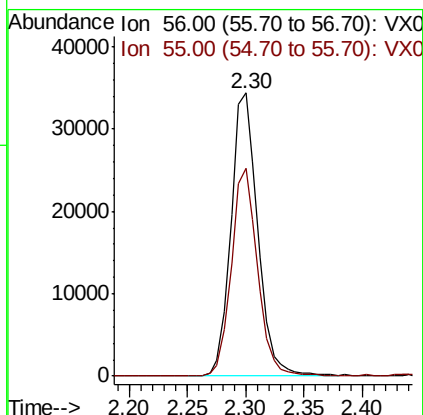
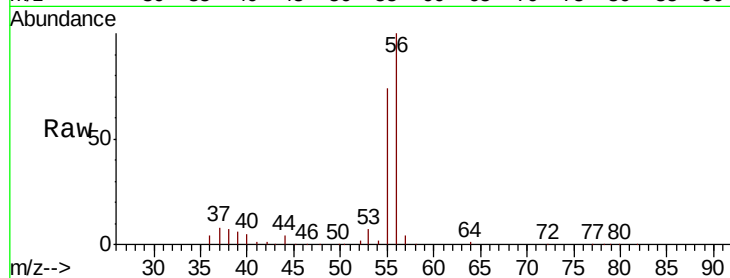




#13
 Acrolein
 Concen: 95.924 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

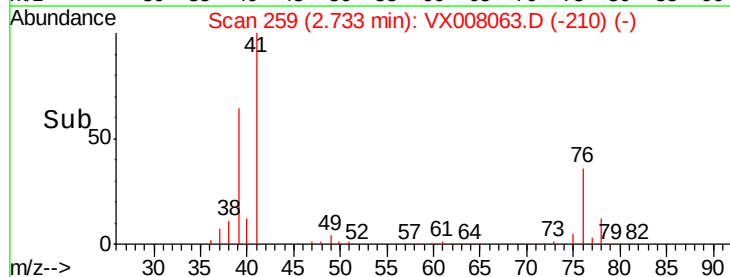
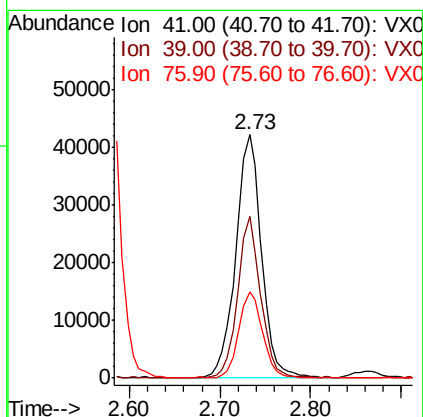
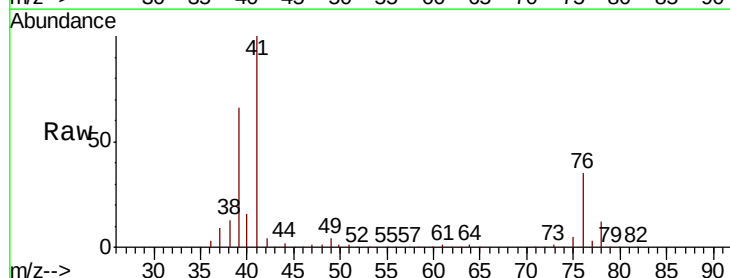
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

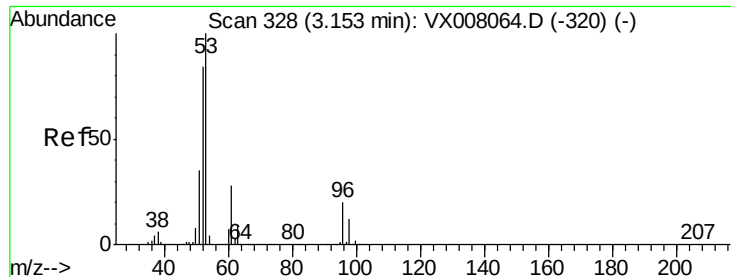
Tgt Ion: 56 Resp: 54958
 Ion Ratio Lower Upper
 56 100
 55 72.3 57.8 86.6



#14
 Allyl chloride
 Concen: 18.804 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 41 Resp: 83054
 Ion Ratio Lower Upper
 41 100
 39 59.2 46.1 69.1
 76 32.9 24.0 36.0





#15

Acrylonitrile

Concen: 93.851 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

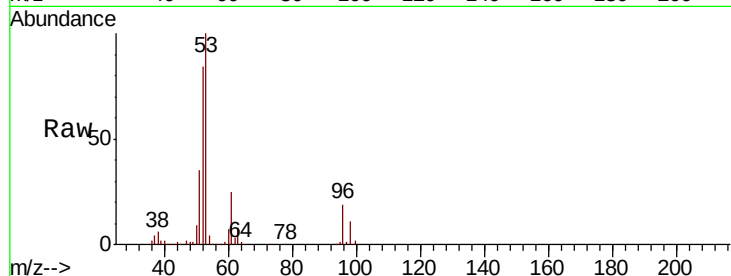
Tgt Ion: 53 Resp: 141357

Ion Ratio Lower Upper

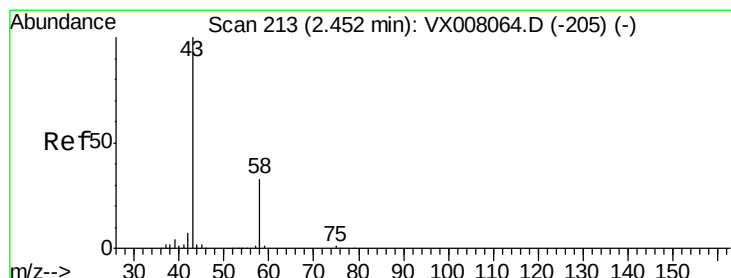
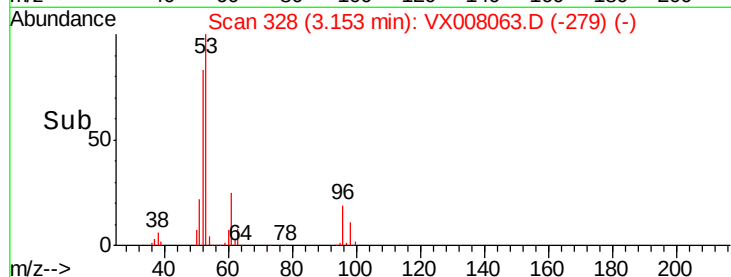
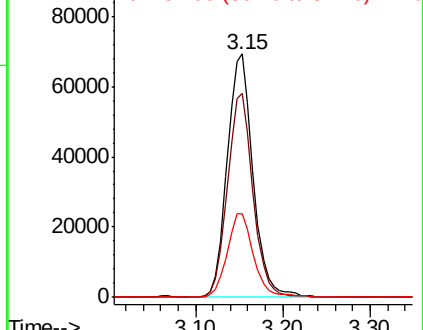
53 100

52 82.9 66.0 99.0

51 35.6 28.0 42.0



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: 99.939 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008063.D

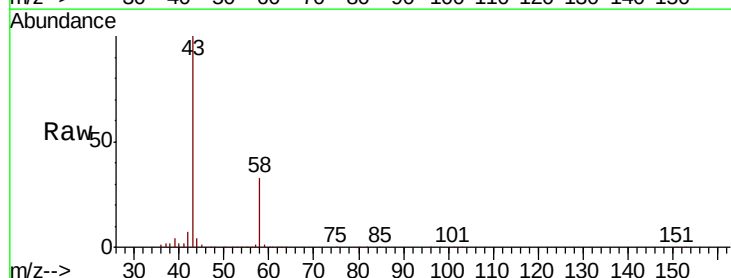
Acq: 14 Mar 2019 10:32

Tgt Ion: 43 Resp: 146035

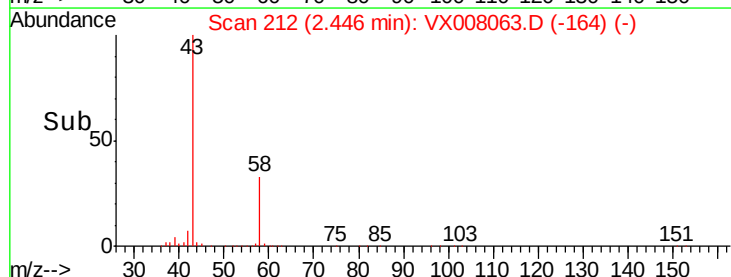
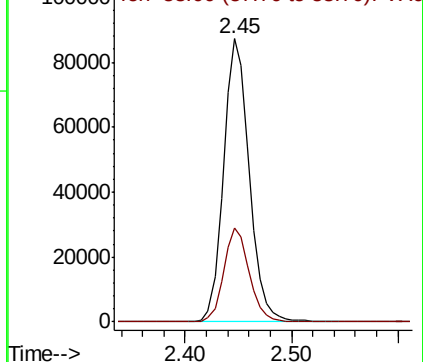
Ion Ratio Lower Upper

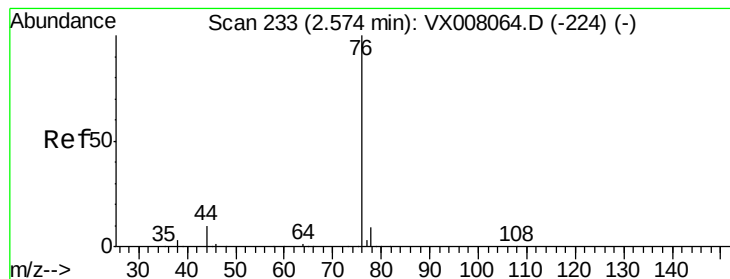
43 100

58 33.2 25.5 38.3



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





#17

Carbon Disulfide

Concen: 18.732 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

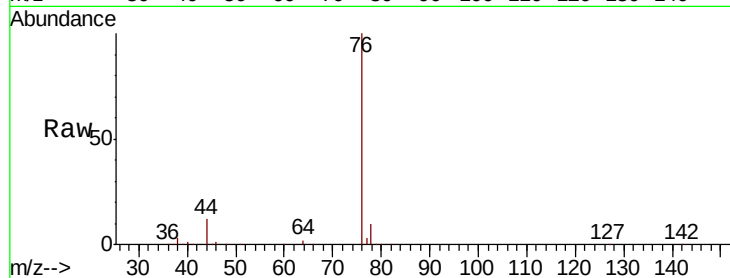
VSTDIC020

Tgt Ion: 76 Resp: 134551

Ion Ratio Lower Upper

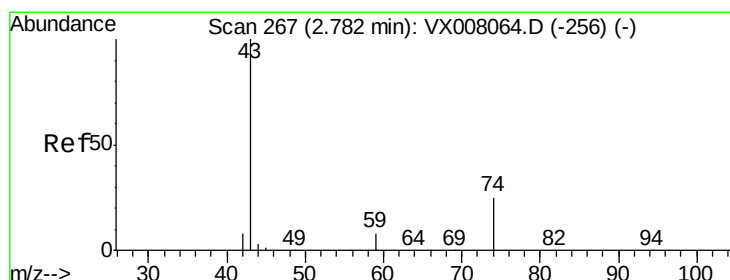
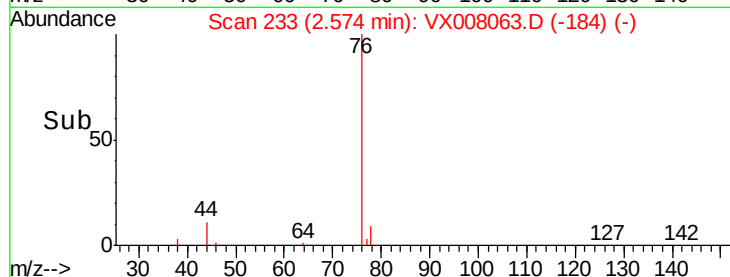
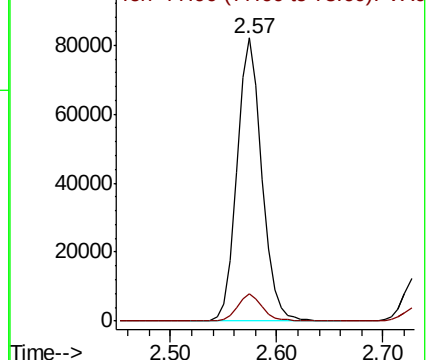
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.954 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX008063.D

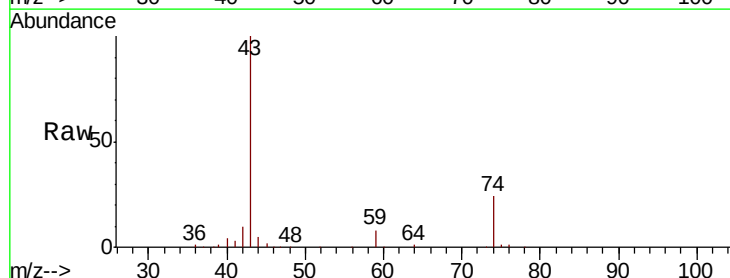
Acq: 14 Mar 2019 10:32

Tgt Ion: 43 Resp: 62718

Ion Ratio Lower Upper

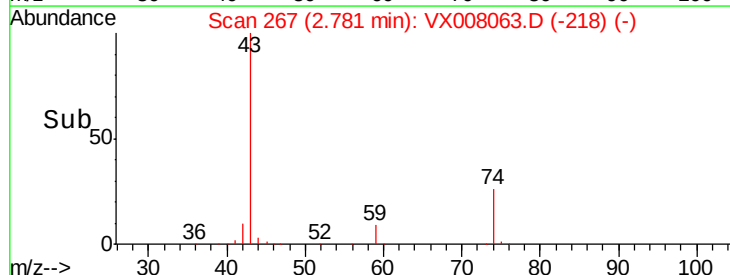
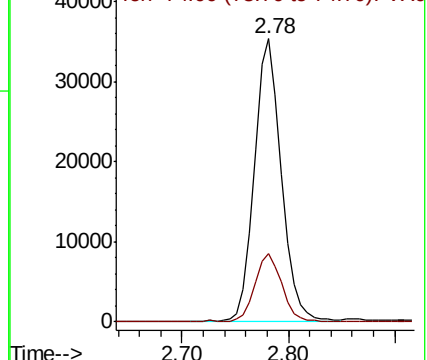
43 100

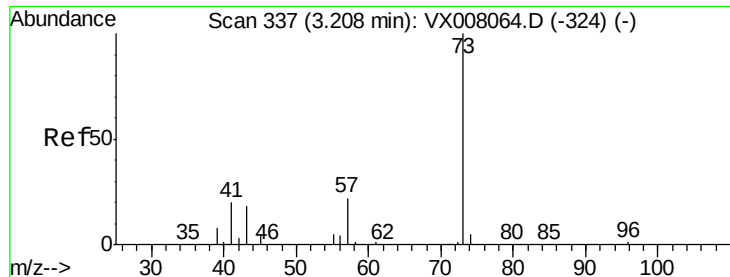
74 24.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

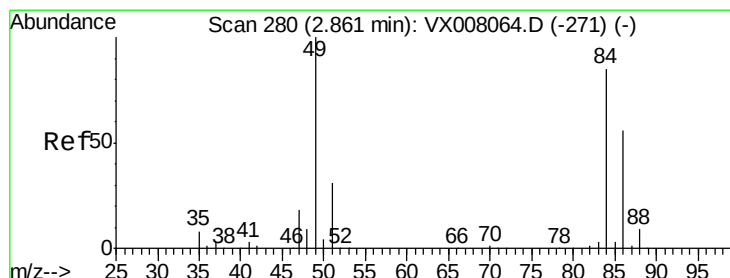
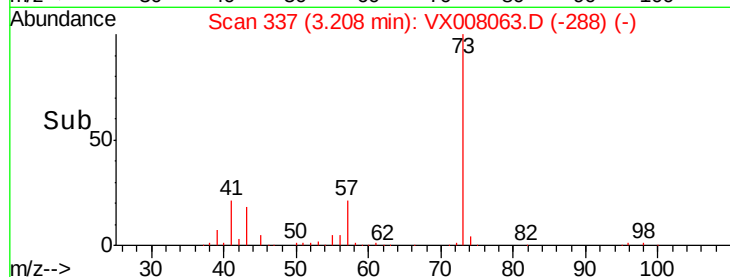
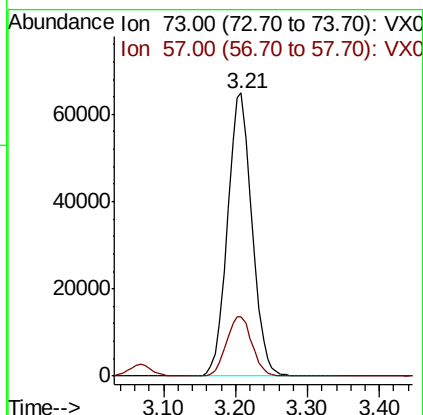
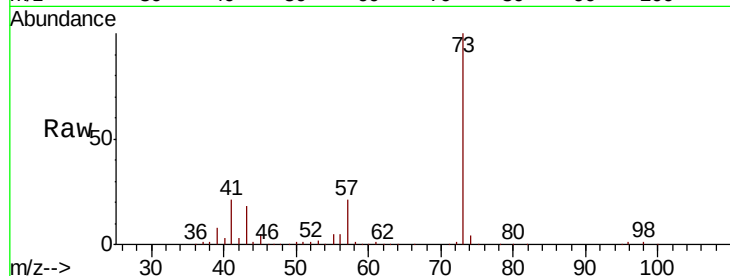




#19
Methyl tert-butyl Ether
Concen: 19.002 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

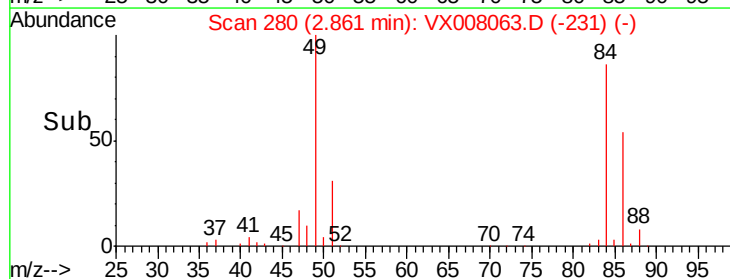
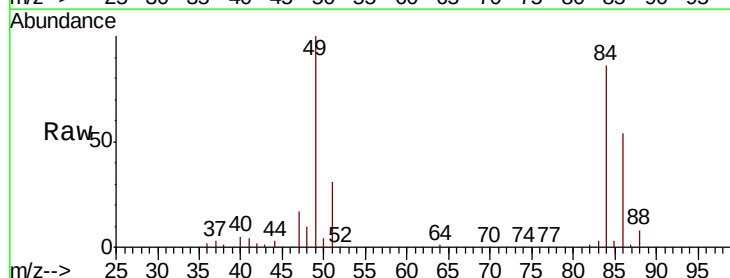
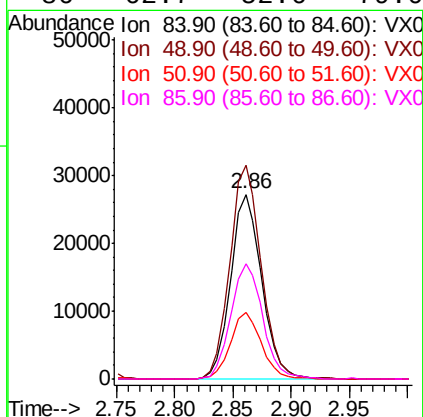
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

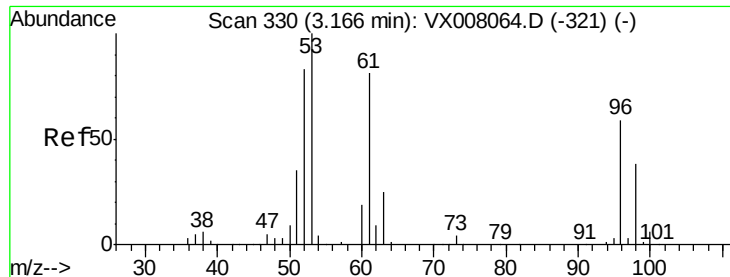
Tgt Ion: 73 Resp: 153332
Ion Ratio Lower Upper
73 100
57 21.1 18.2 27.4



#20
Methylene Chloride
Concen: 19.194 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 84 Resp: 50718
Ion Ratio Lower Upper
84 100
49 115.7 99.3 148.9
51 35.8 31.3 46.9
86 62.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.980 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

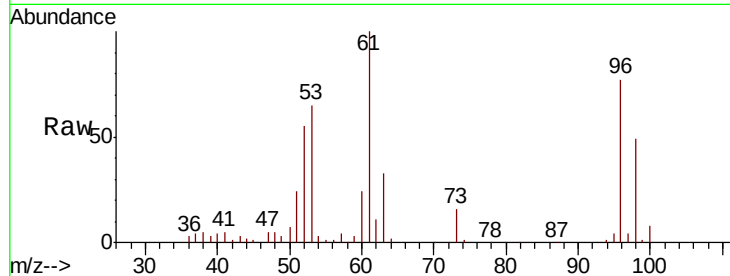
Tgt Ion: 96 Resp: 48797

Ion Ratio Lower Upper

96 100

61 129.1 114.4 171.6

98 63.6 51.1 76.7

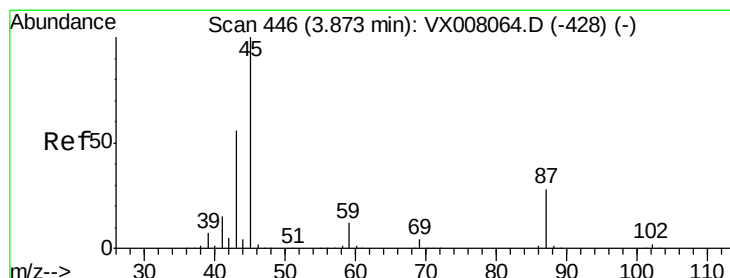
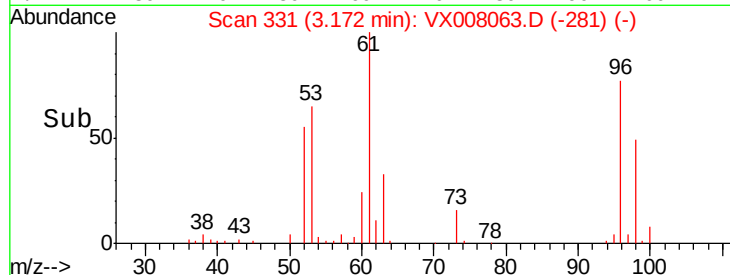
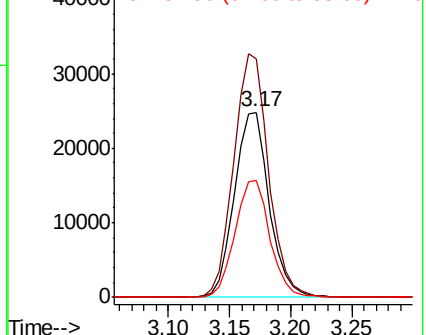


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.601 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Tgt Ion: 45 Resp: 164439

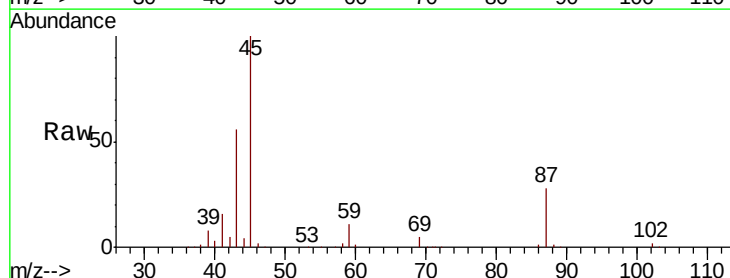
Ion Ratio Lower Upper

45 100

43 55.9 45.3 67.9

87 28.2 21.4 32.0

59 11.4 9.5 14.3



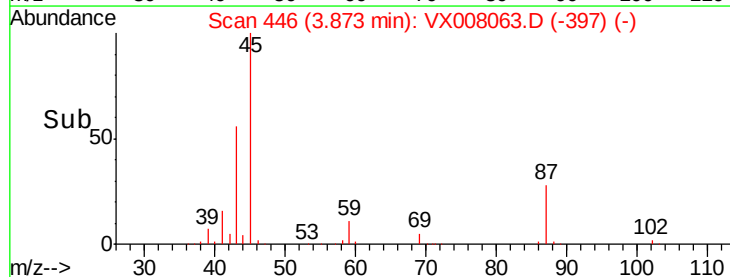
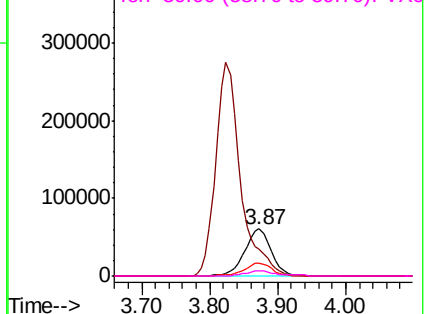
Abundance

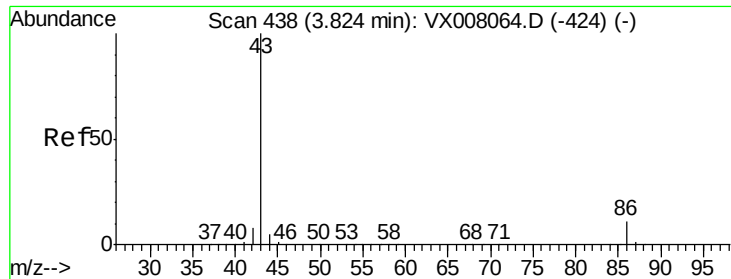
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

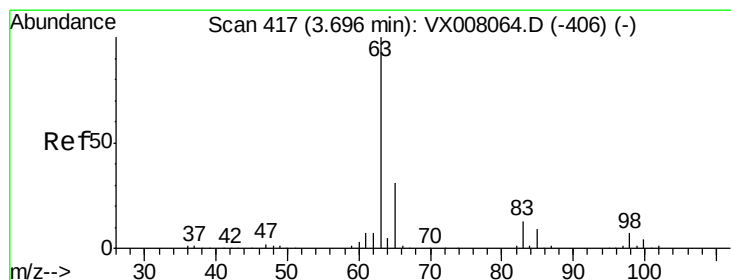
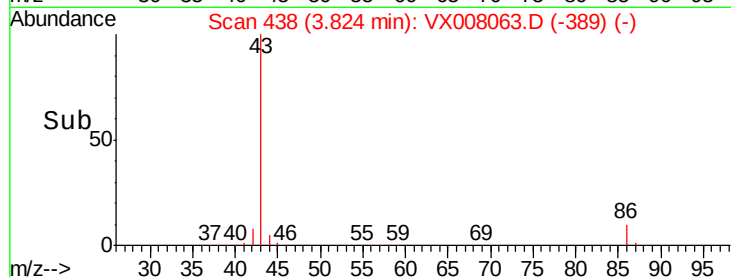
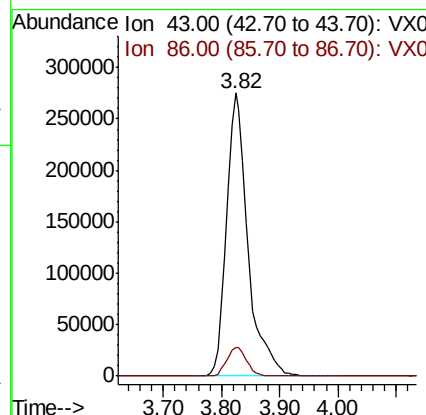
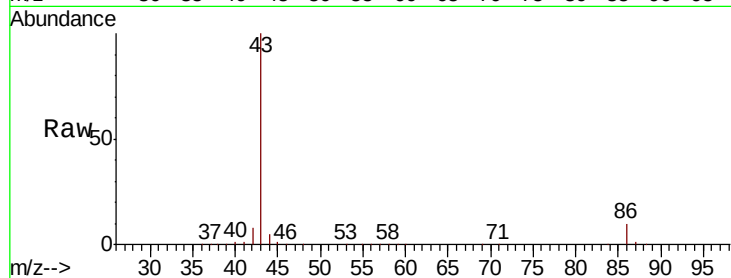




#23
 Vinyl Acetate
 Concen: 90.682 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

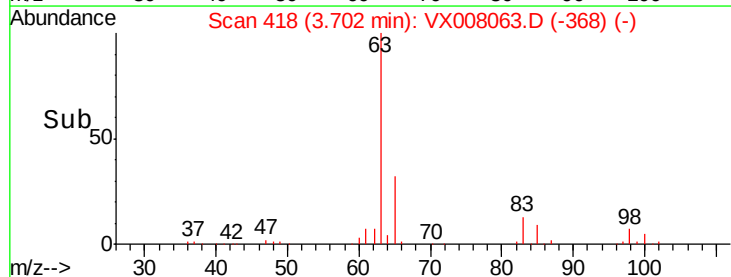
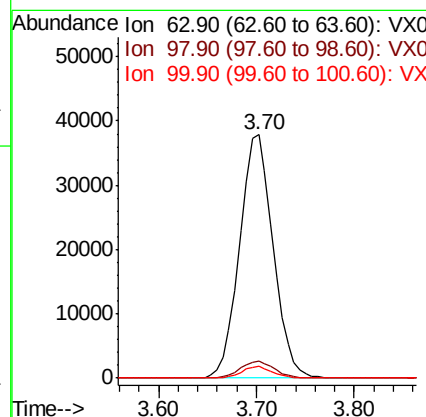
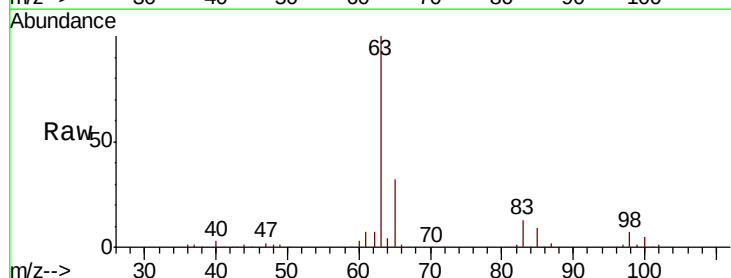
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

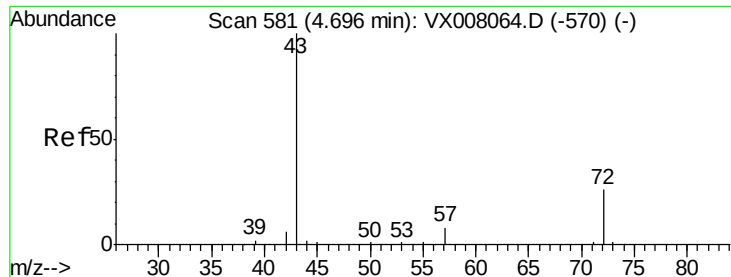
Tgt Ion: 43 Resp: 700601
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 18.549 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 63 Resp: 90128
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 95.380 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

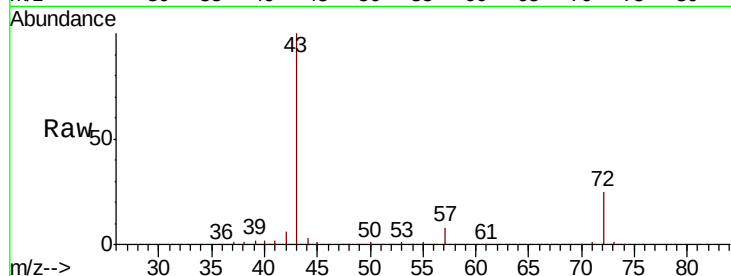
VSTDIC020

Tgt Ion: 43 Resp: 221752

Ion Ratio Lower Upper

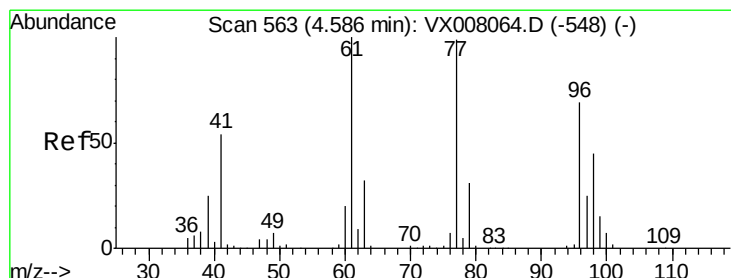
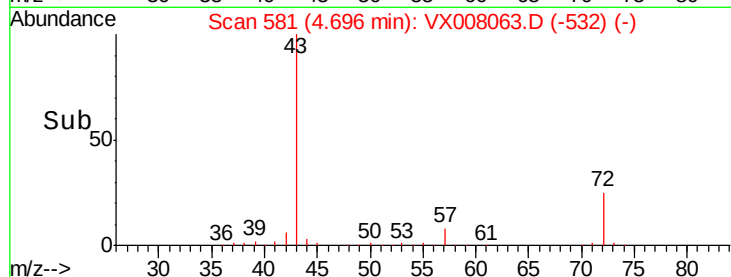
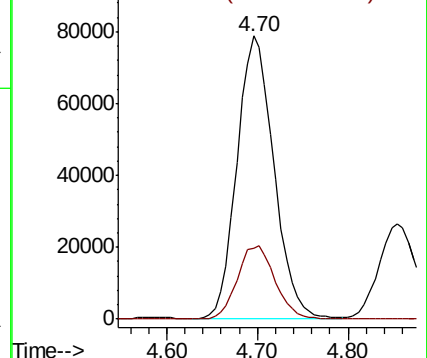
43 100

72 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.623 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008063.D

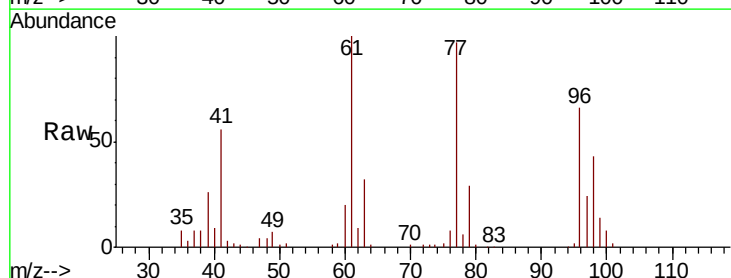
Acq: 14 Mar 2019 10:32

Tgt Ion: 77 Resp: 67627

Ion Ratio Lower Upper

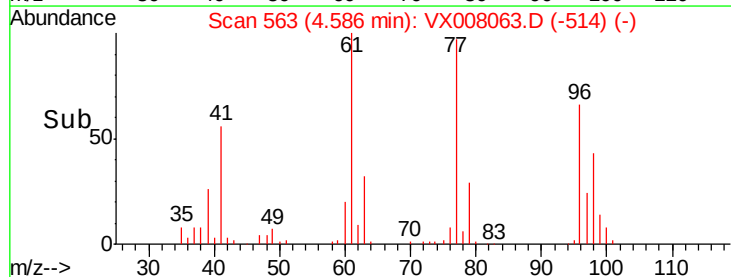
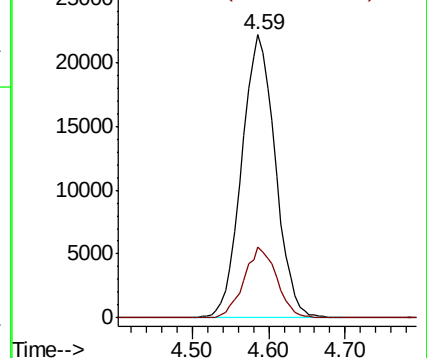
77 100

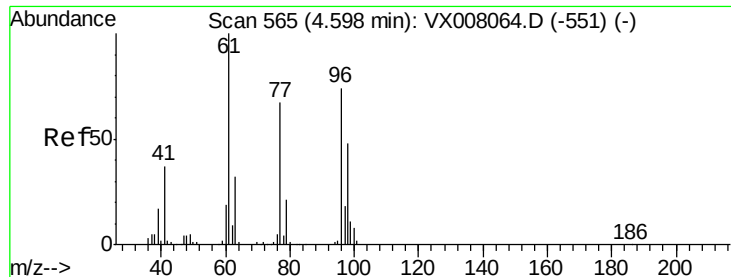
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



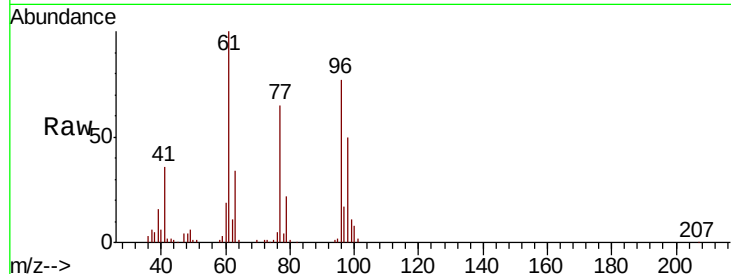


#27

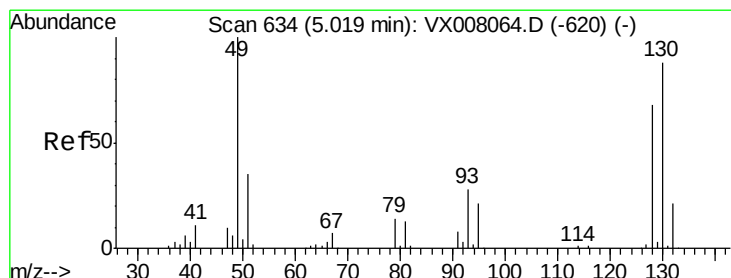
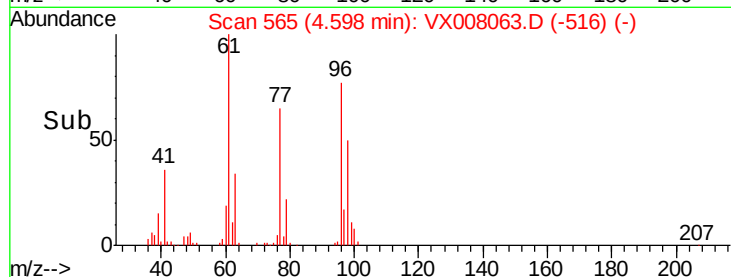
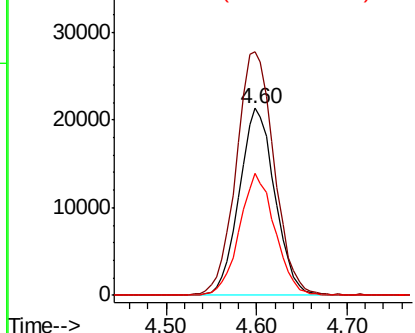
cis-1,2-Dichloroethene
Concen: 19.285 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 58177
Ion Ratio Lower Upper
96 100
61 138.7 0.0 288.0
98 64.9 0.0 129.0



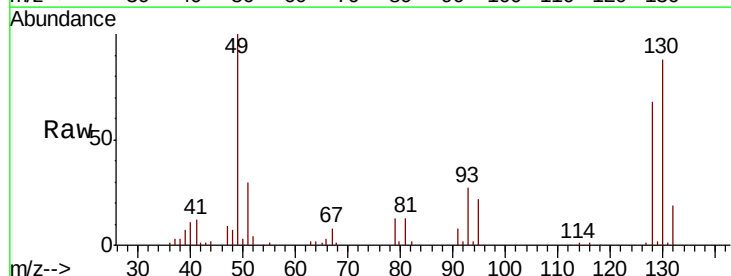
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



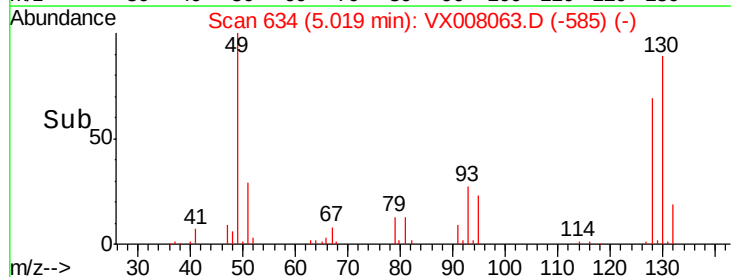
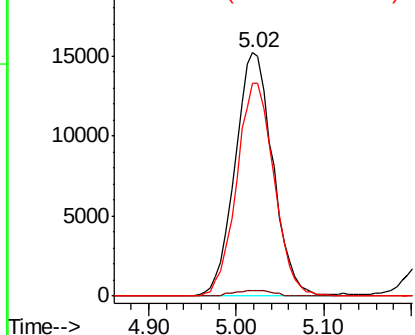
#28

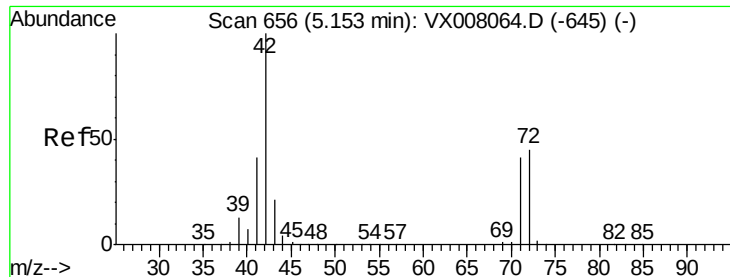
Bromochloromethane
Concen: 19.527 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 49 Resp: 45665
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 86.7 65.0 97.4



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

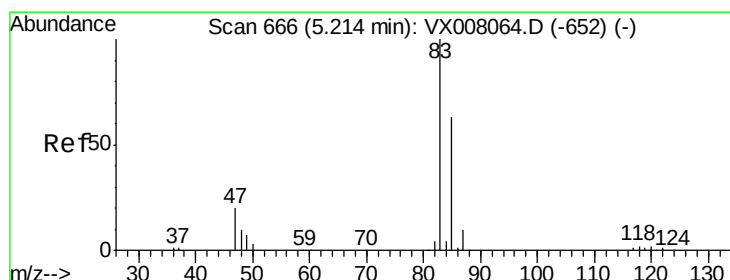
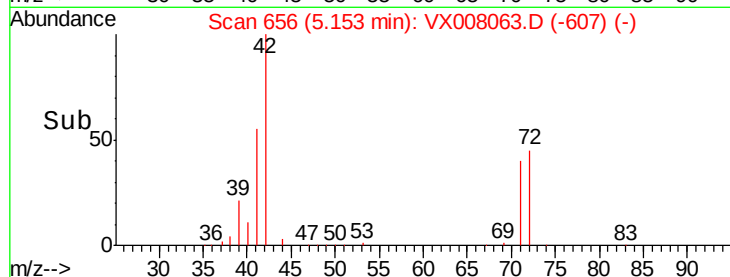
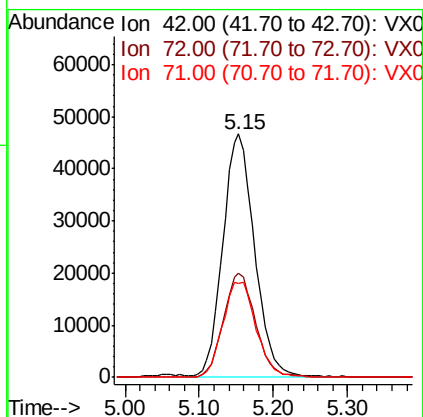
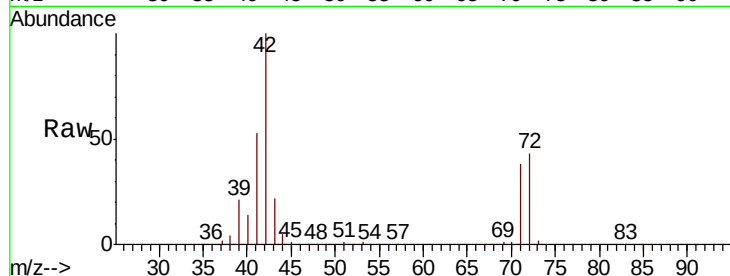




#29
Tetrahydrofuran
Concen: 93.717 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

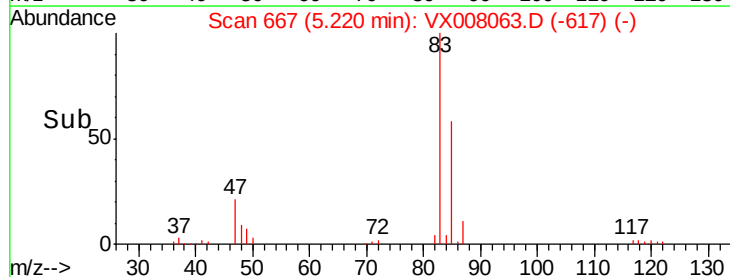
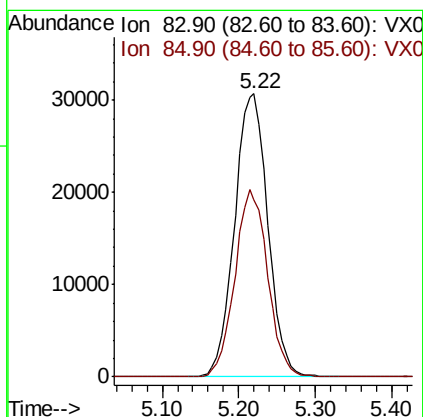
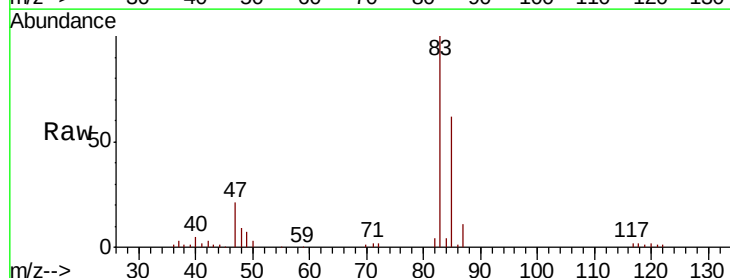
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

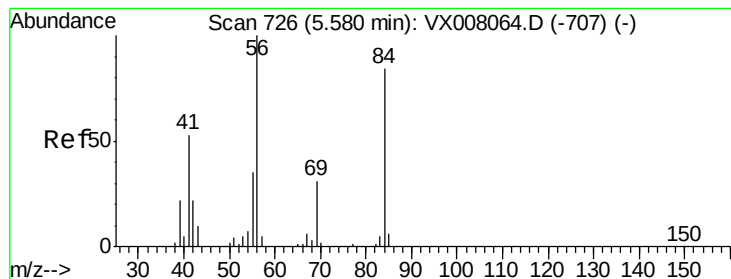
Tgt Ion: 42 Resp: 138313
Ion Ratio Lower Upper
42 100
72 43.7 33.8 50.6
71 41.3 31.5 47.3



#30
Chloroform
Concen: 19.461 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 83 Resp: 92467
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6





#31

Cyclohexane

Concen: 19.033 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

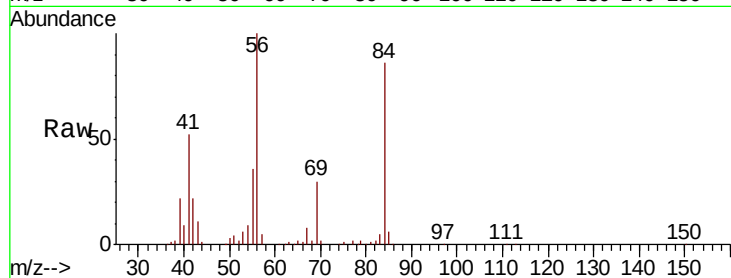
Tgt Ion: 56 Resp: 87872

Ion Ratio Lower Upper

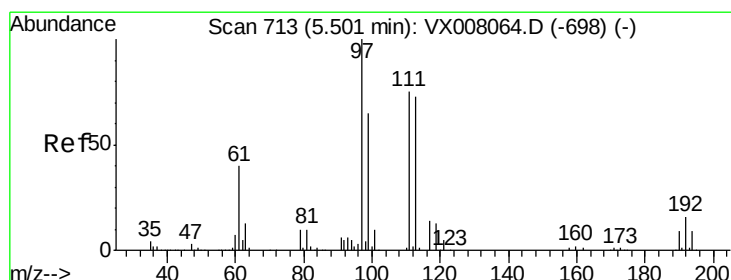
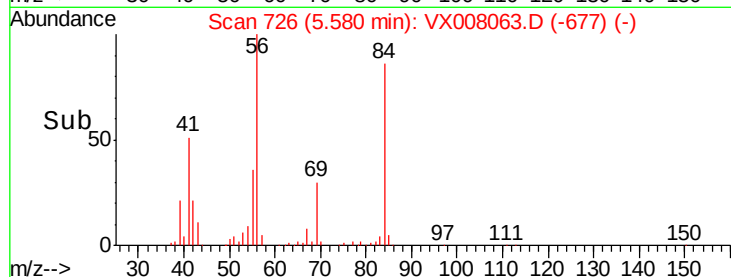
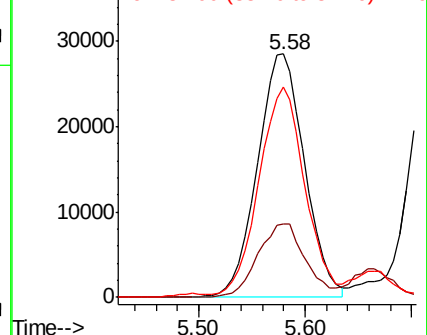
56 100

69 29.6 24.0 36.0

84 84.9 65.3 97.9



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: 18.586 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

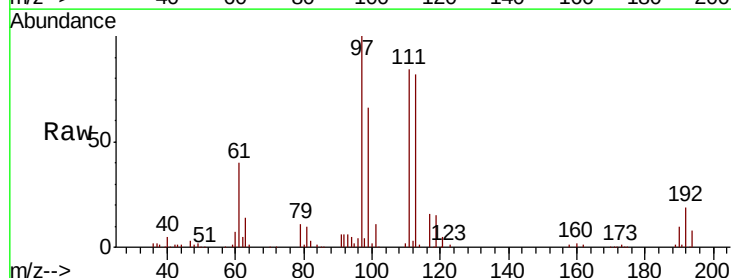
Tgt Ion: 97 Resp: 77224

Ion Ratio Lower Upper

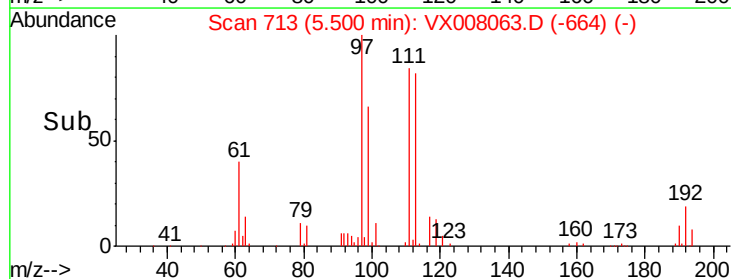
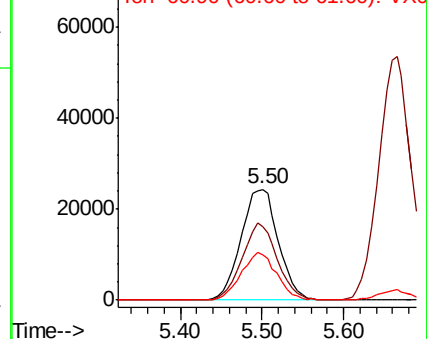
97 100

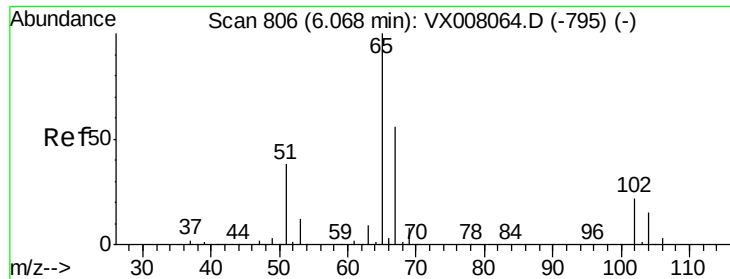
99 65.3 52.2 78.2

61 41.0 34.9 52.3



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

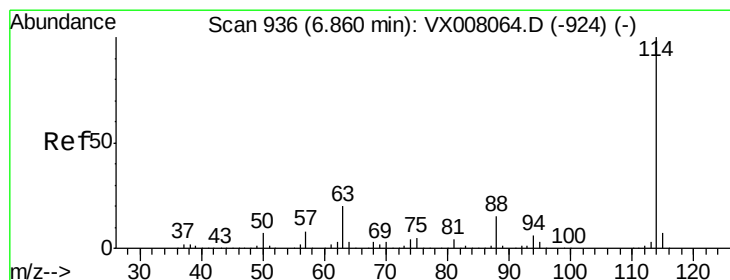
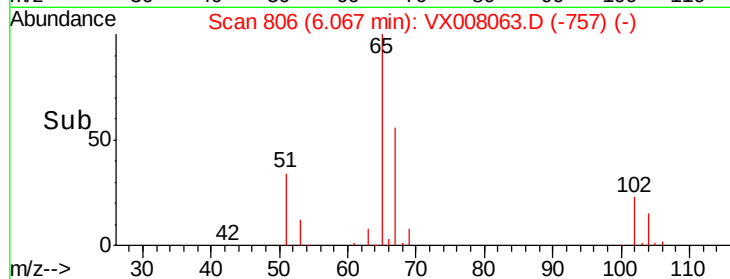
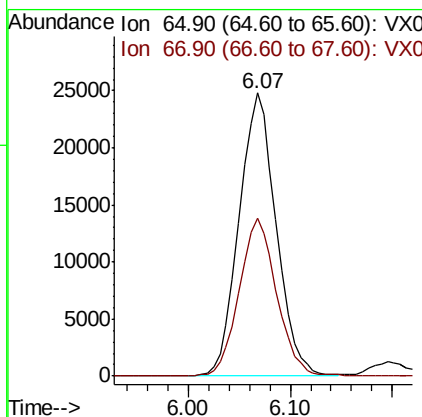
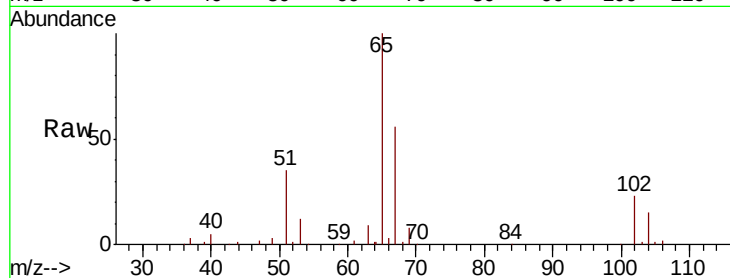




#33
 1,2-Dichloroethane-d4
 Concen: 20.285 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

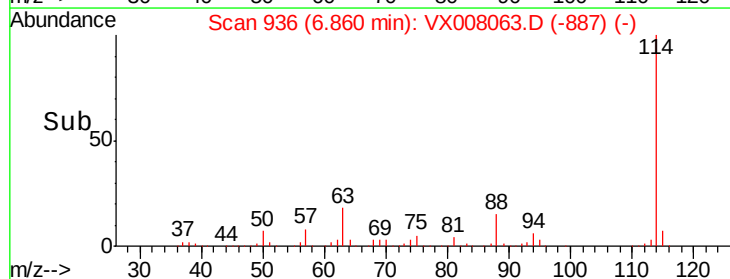
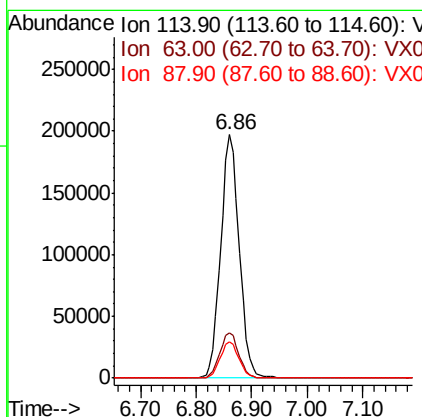
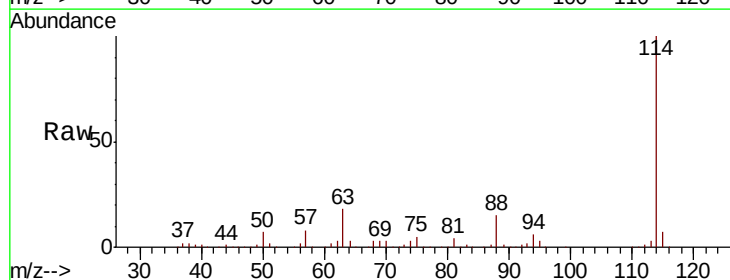
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

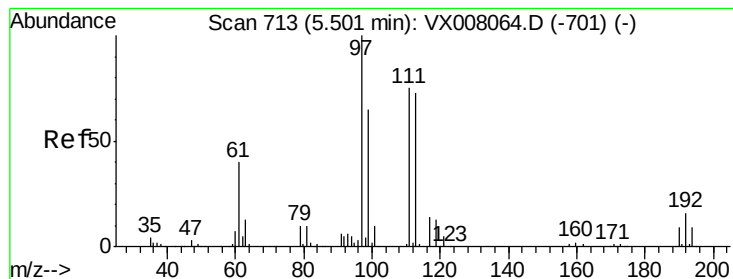
Tgt Ion: 65 Resp: 62712
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 114 Resp: 454624
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 20.794 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

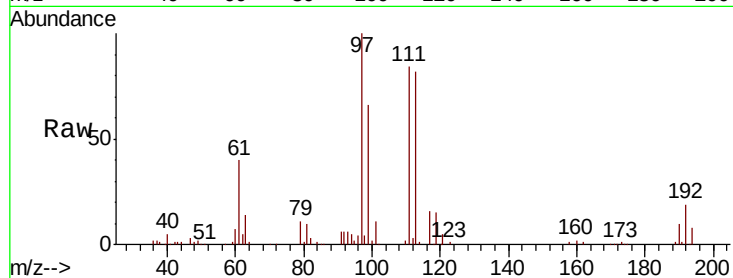
Tgt Ion:113 Resp: 57262

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

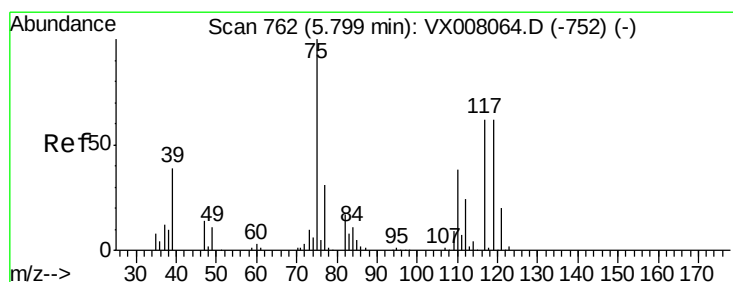
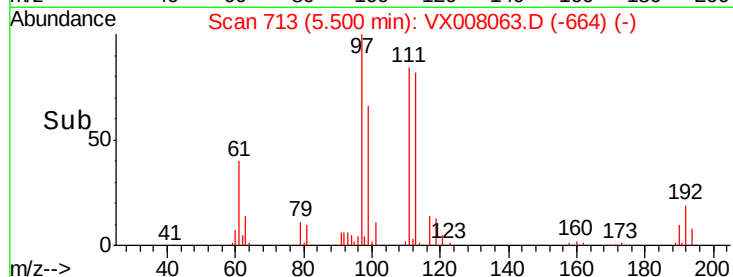
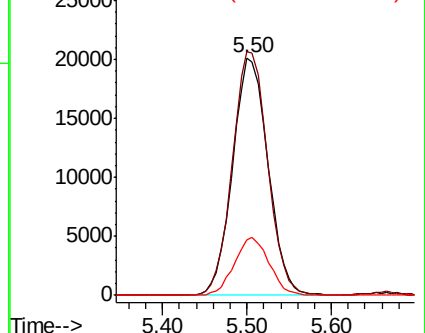
192 23.9 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.333 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

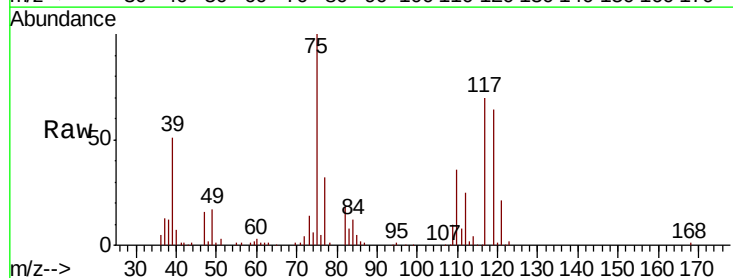
Tgt Ion: 75 Resp: 70179

Ion Ratio Lower Upper

75 100

110 38.1 18.4 55.0

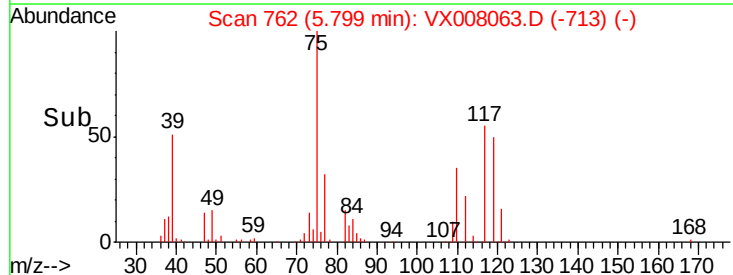
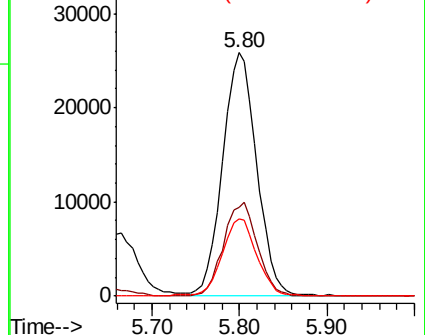
77 31.8 25.0 37.4

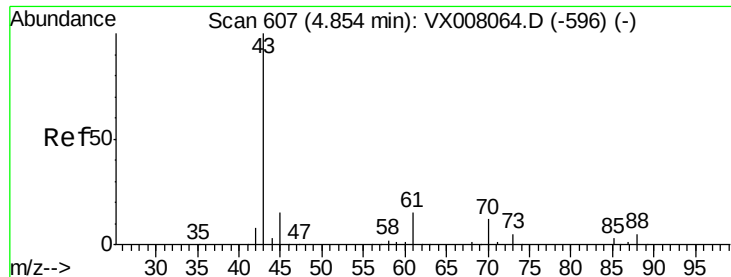


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

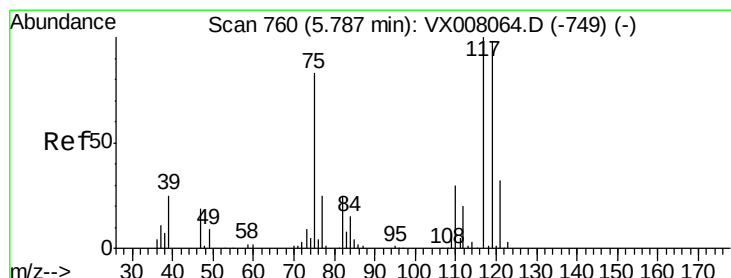
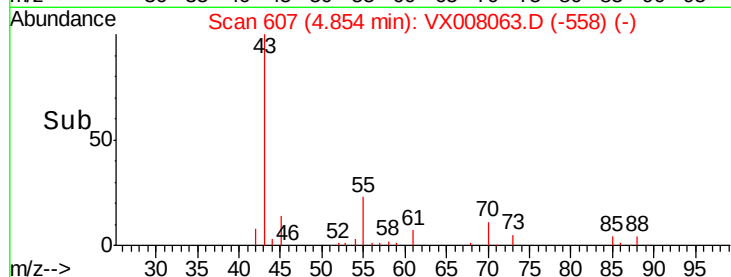
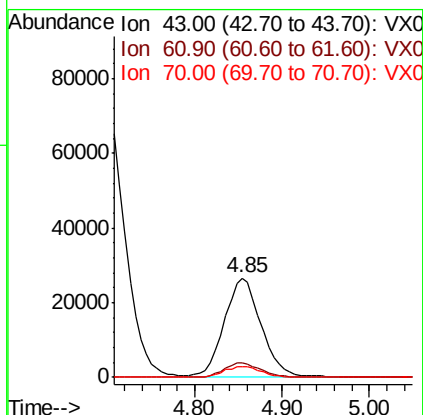
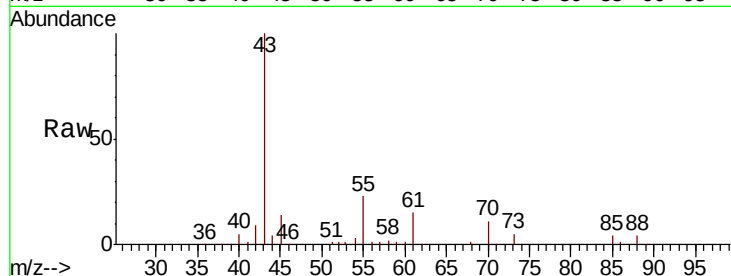




#37
Ethyl Acetate
Concen: 19.059 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

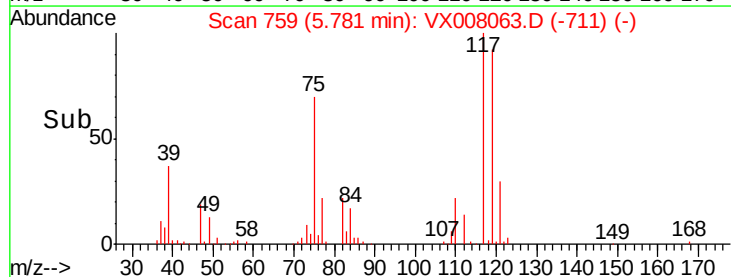
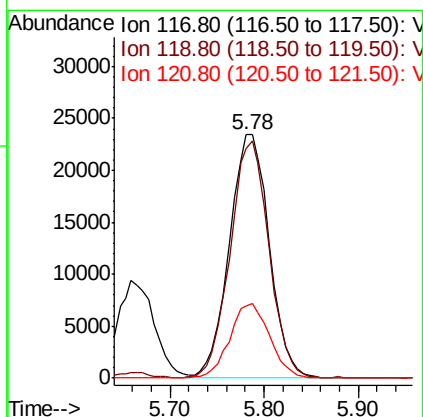
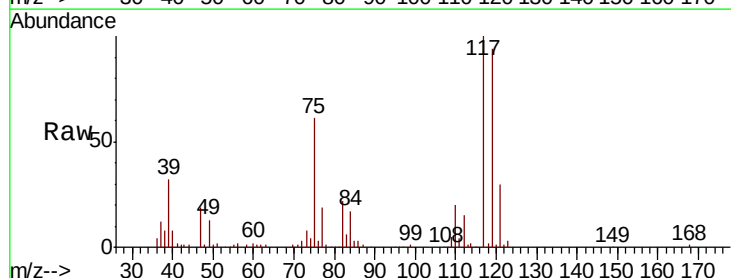
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

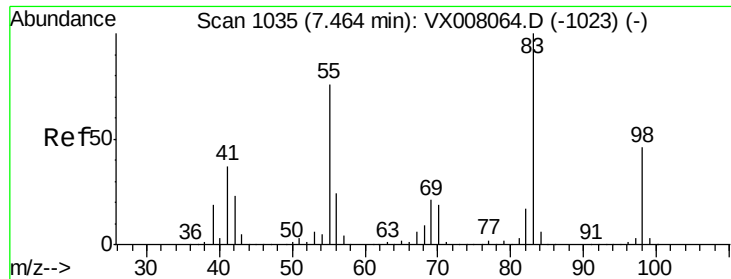
Tgt Ion: 43 Resp: 76550
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 11.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.291 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 117 Resp: 69219
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.2
121 29.7 24.6 36.8

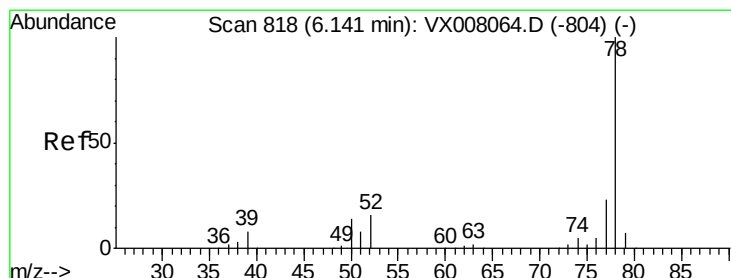
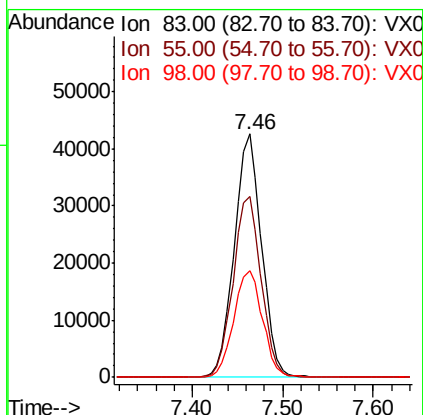
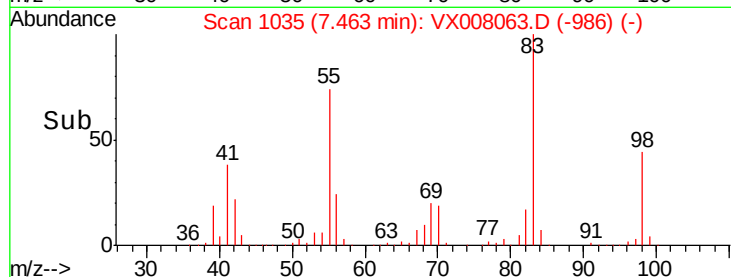
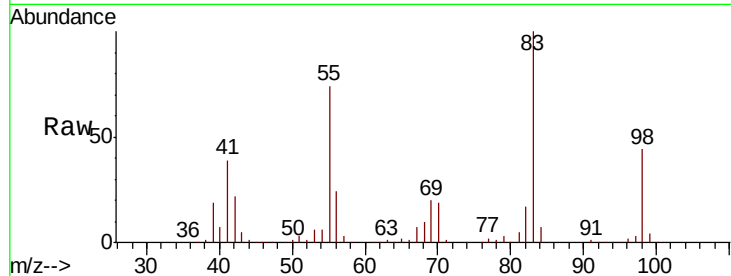




#39
Methylcyclohexane
Concen: 18.814 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

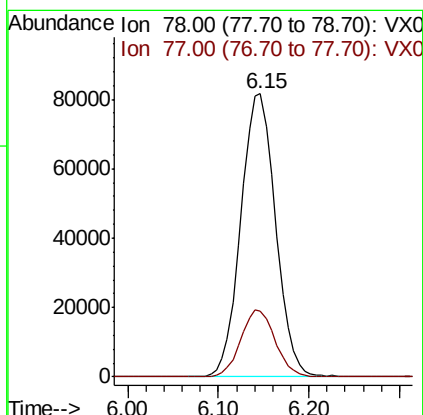
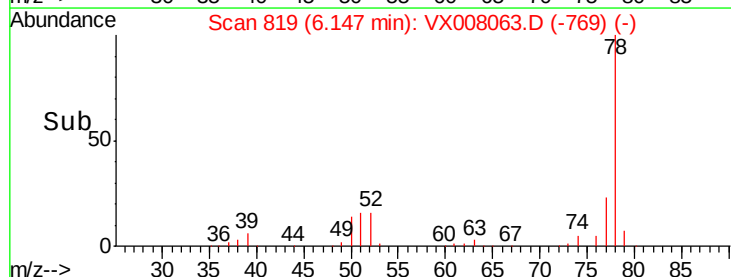
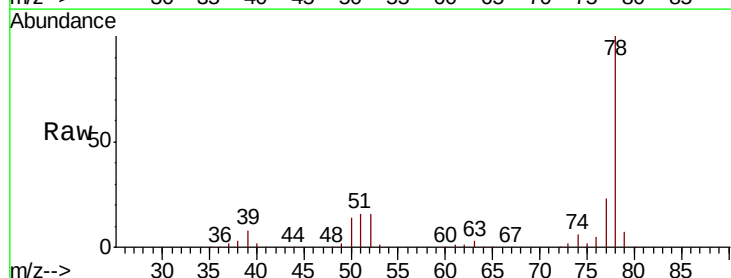
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

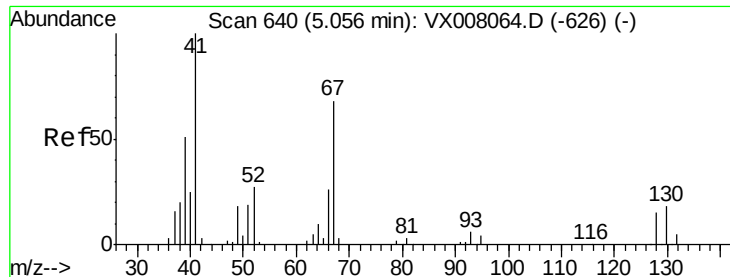
Tgt Ion: 83 Resp: 88907
Ion Ratio Lower Upper
83 100
55 74.2 60.4 90.6
98 43.8 36.5 54.7



#40
Benzene
Concen: 19.489 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 78 Resp: 217150
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

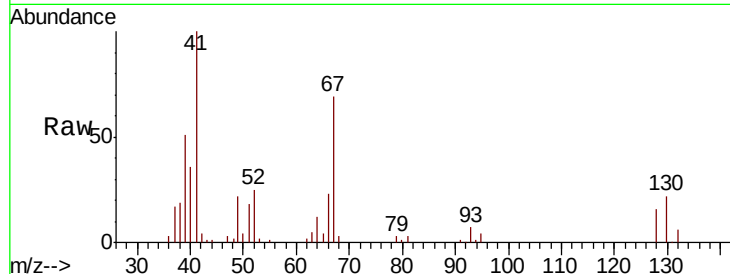




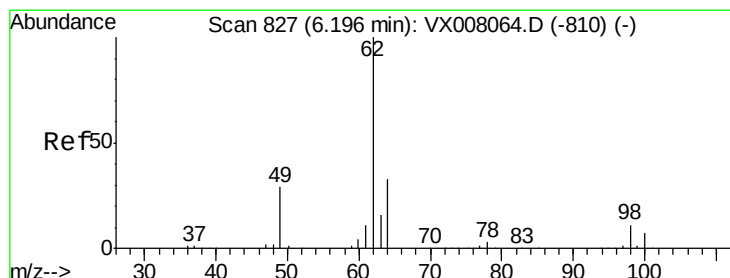
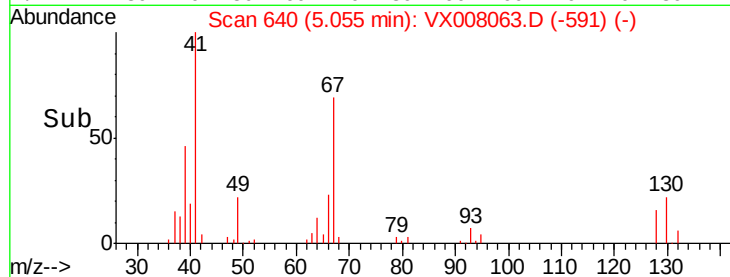
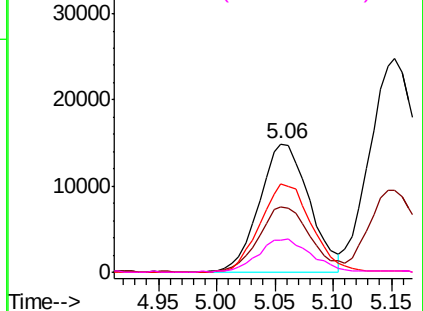
#41
Methacrylonitrile
Concen: 19.356 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	44332
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.6	62.4
67	71.0	55.8	83.6
52	27.7	21.7	32.5

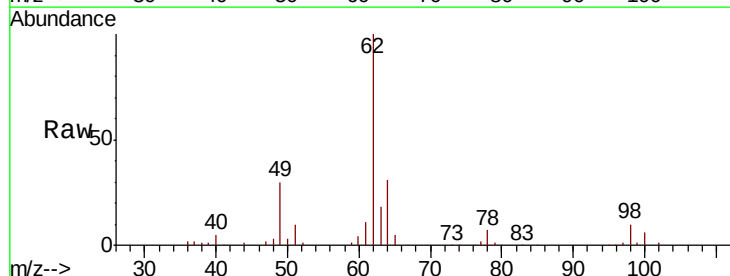


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

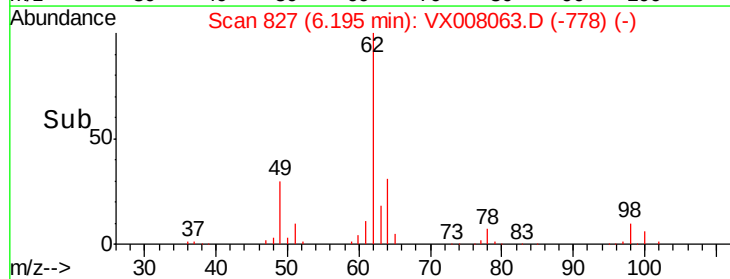
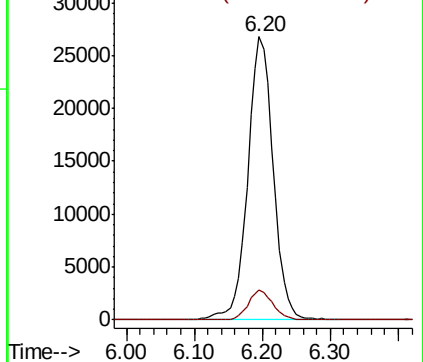


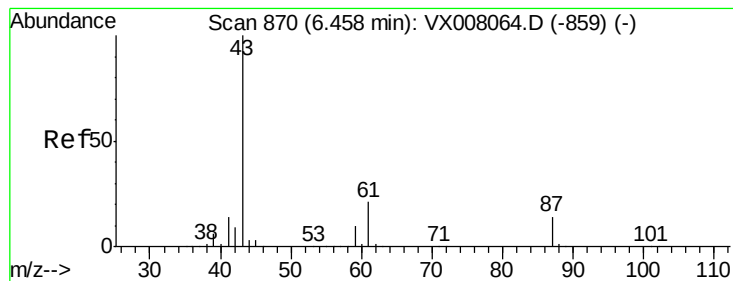
#42
1,2-Dichloroethane
Concen: 19.674 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion:	62	Resp:	70059
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.704 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

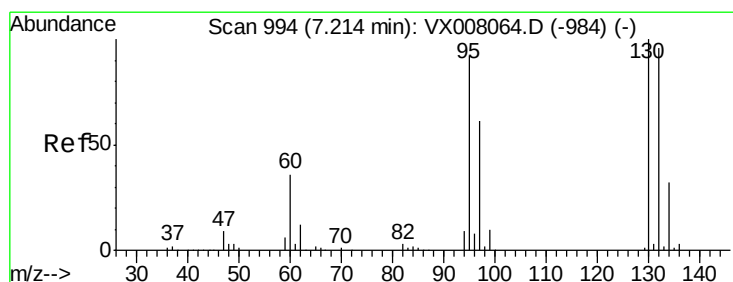
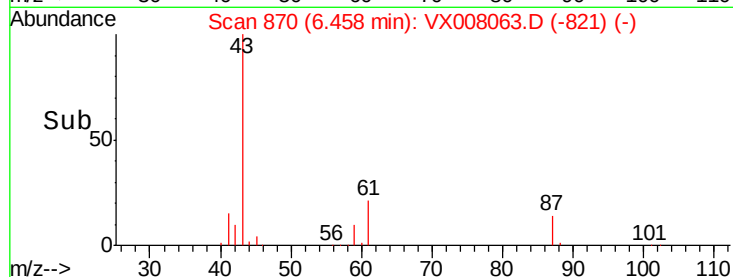
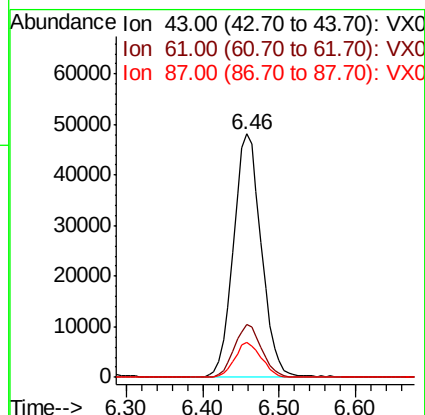
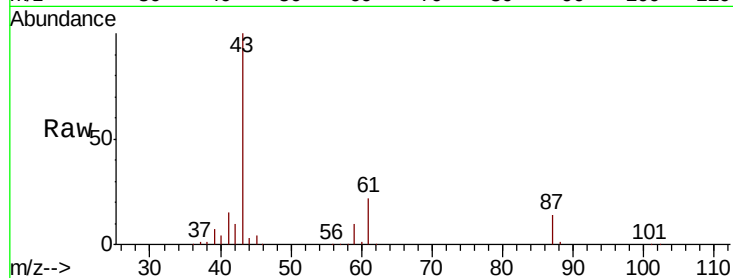
Tgt Ion: 43 Resp: 120809

Ion Ratio Lower Upper

43 100

61 21.7 16.3 24.5

87 13.8 10.5 15.7



#44

Trichloroethene

Concen: 19.362 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008063.D

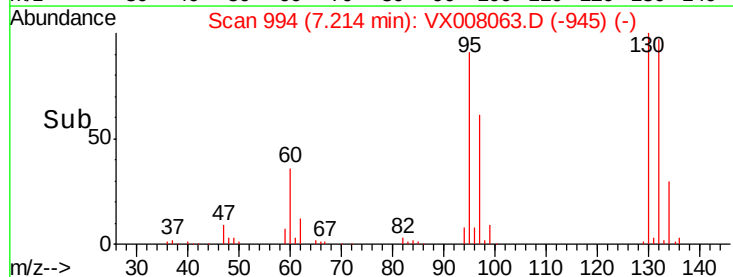
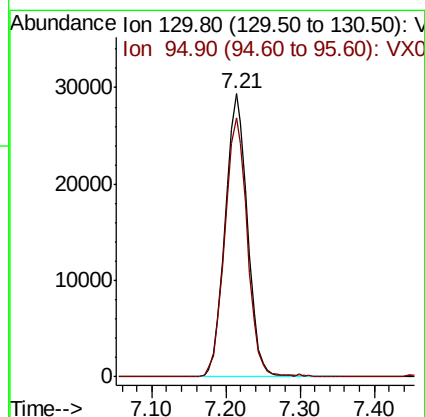
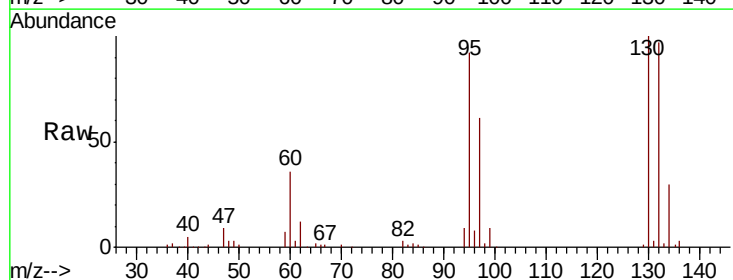
Acq: 14 Mar 2019 10:32

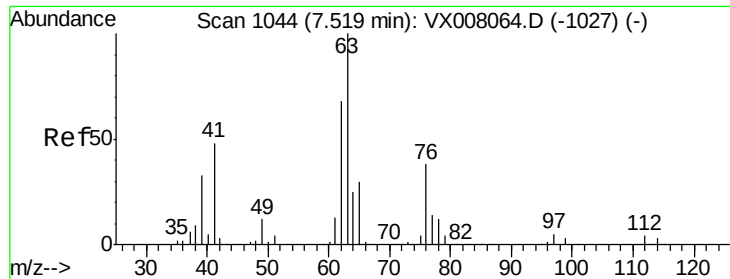
Tgt Ion: 130 Resp: 61447

Ion Ratio Lower Upper

130 100

95 91.7 0.0 188.0

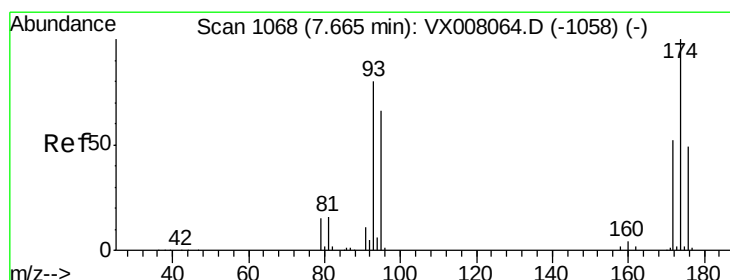
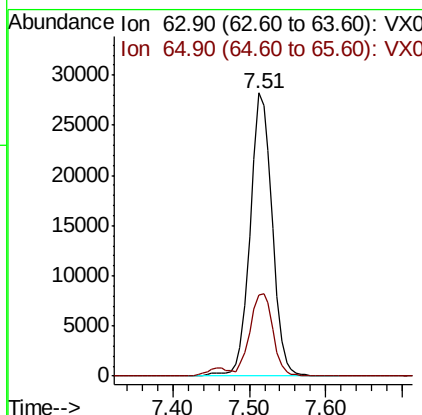
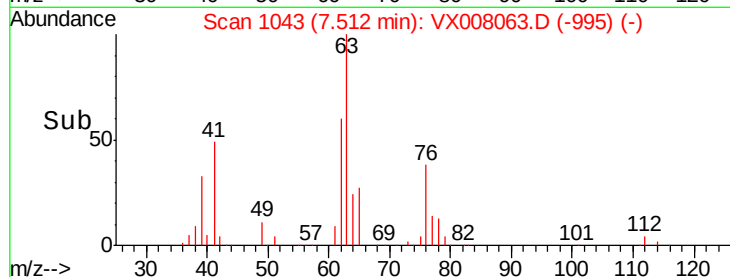
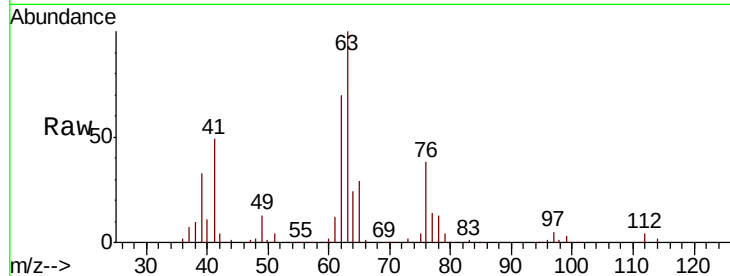




#45
 1,2-Dichloropropane
 Concen: 19.192 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

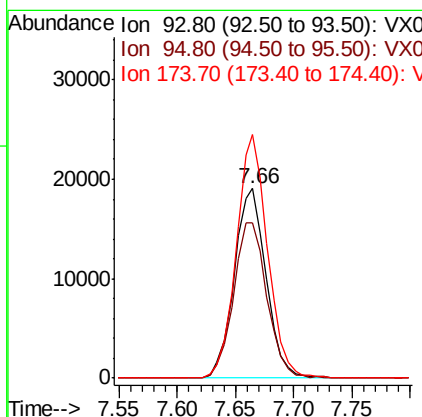
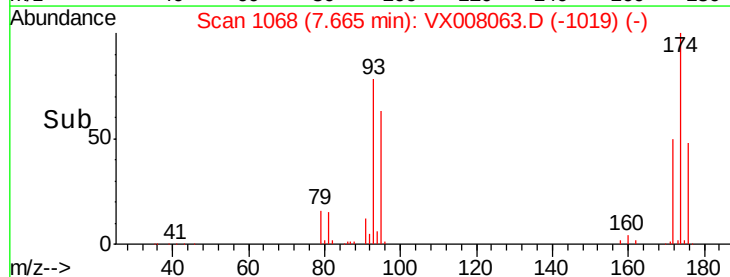
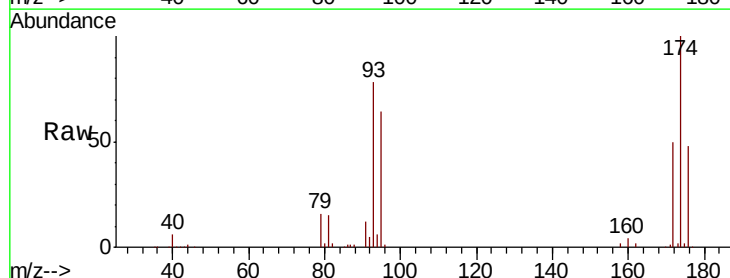
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

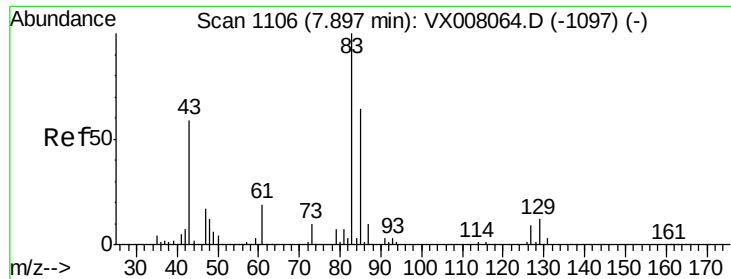
Tgt Ion: 63 Resp: 57008
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.7 37.1



#46
 Dibromomethane
 Concen: 19.335 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 93 Resp: 36368
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.8 100.2
 174 125.5 97.3 145.9





#47

Bromodichloromethane

Concen: 18.659 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

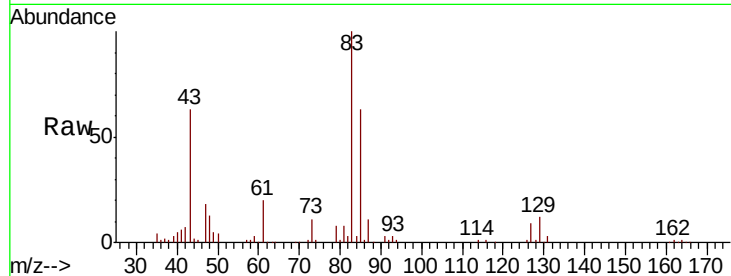
Tgt Ion: 83 Resp: 66541

Ion Ratio Lower Upper

83 100

85 63.0 50.9 76.3

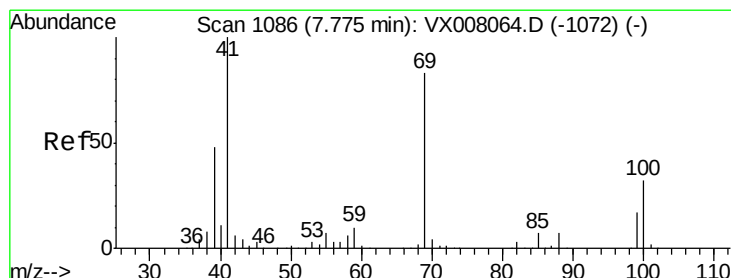
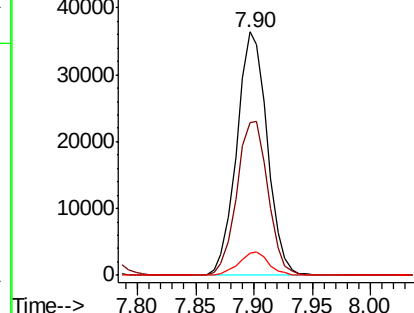
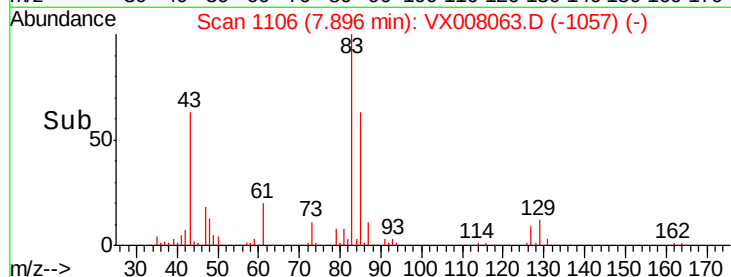
127 9.2 7.4 11.0



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: 18.592 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

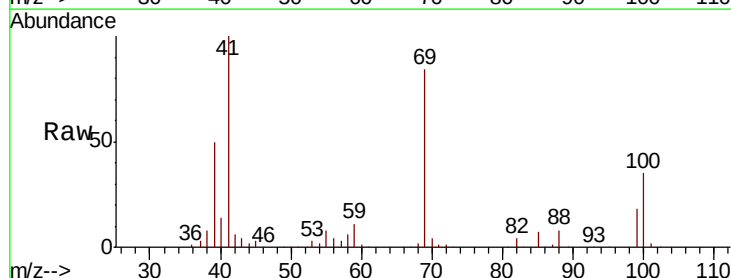
Tgt Ion: 41 Resp: 64257

Ion Ratio Lower Upper

41 100

69 85.8 65.2 97.8

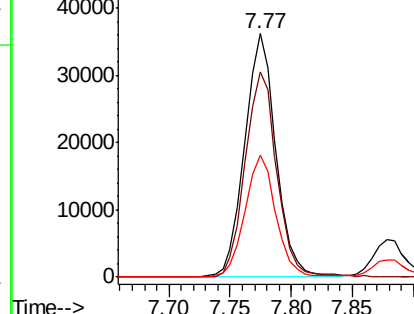
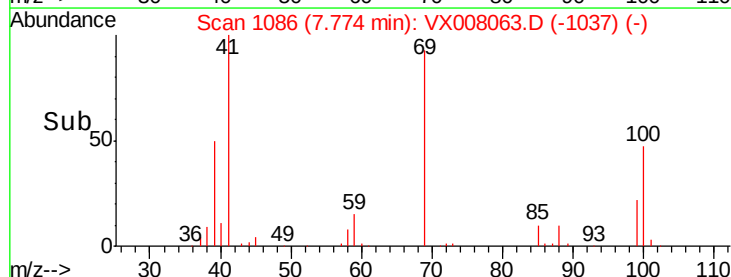
39 49.3 39.4 59.2

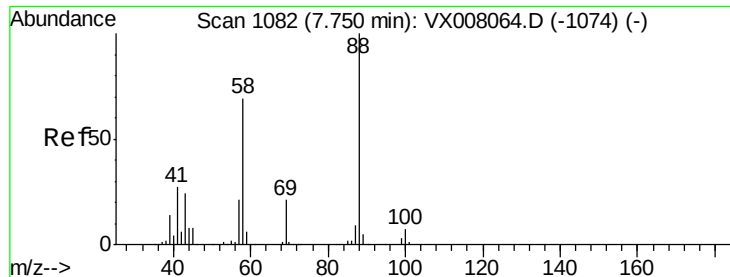


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

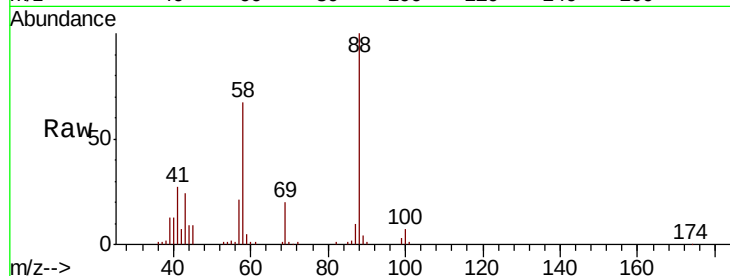




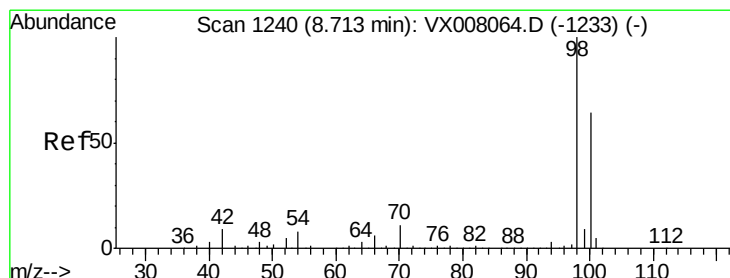
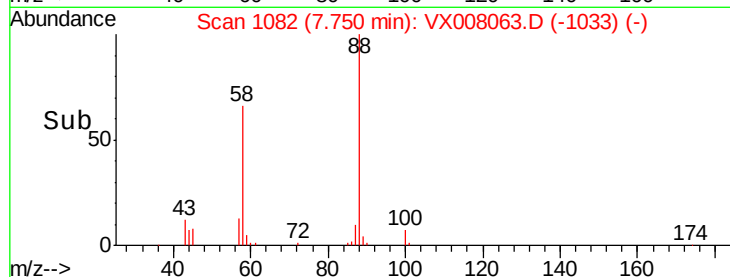
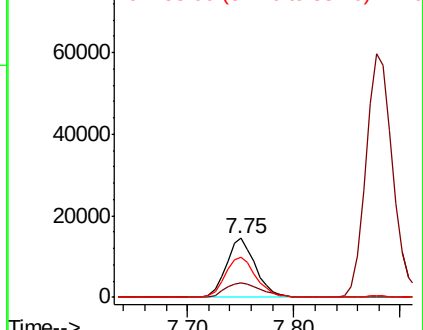
#49
1,4-Dioxane
Concen: 389.074 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 27893
Ion Ratio Lower Upper
88 100
43 30.7 25.1 37.7
58 71.8 57.8 86.6

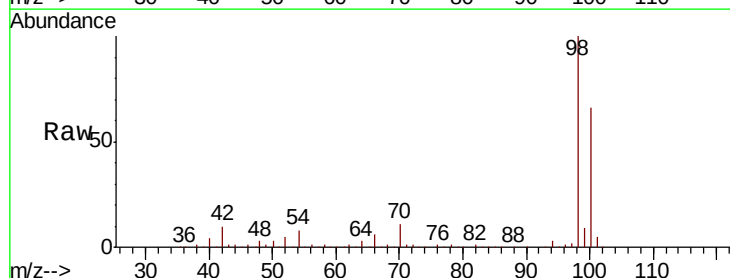


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

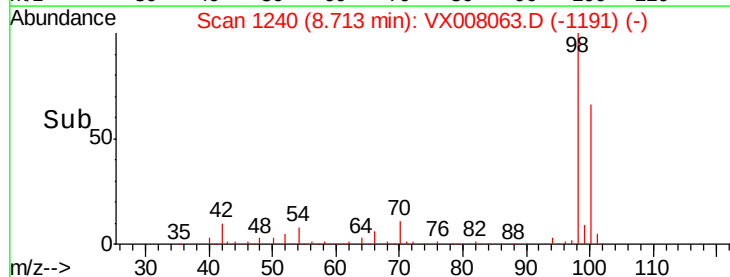
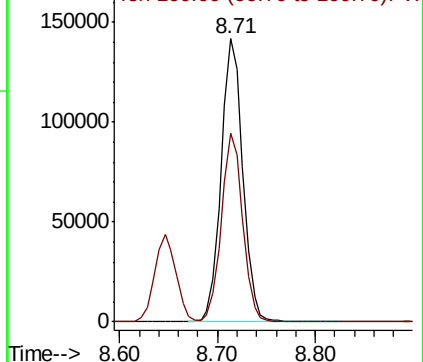


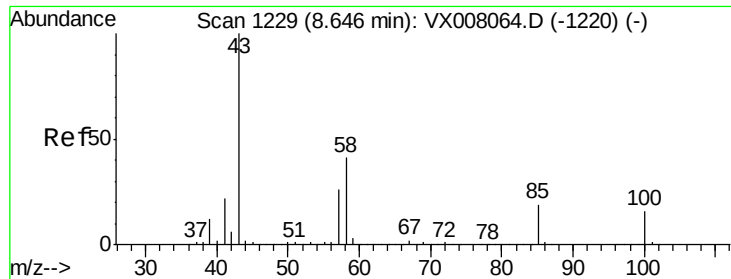
#50
Toluene-d8
Concen: 20.468 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 98 Resp: 217310
Ion Ratio Lower Upper
98 100
100 66.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 98.021 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

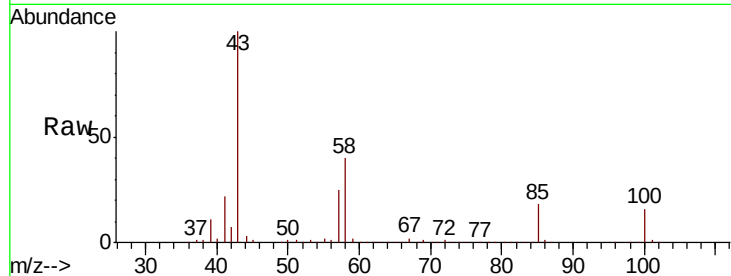
VSTDIC020

Tgt Ion: 43 Resp: 415283

Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

300000

250000

200000

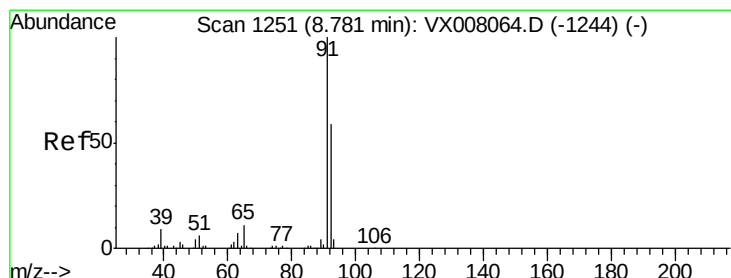
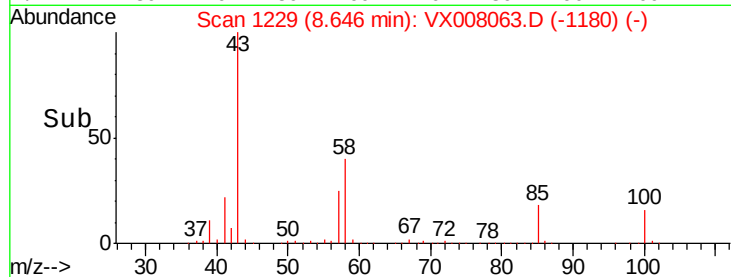
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.348 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008063.D

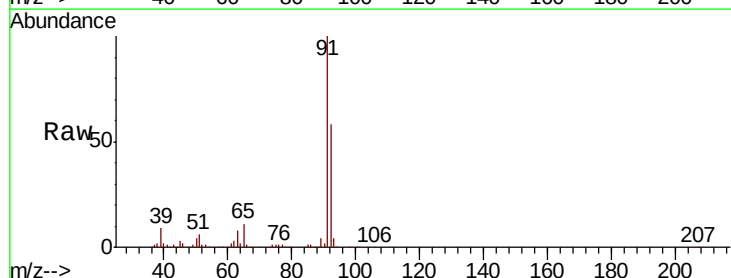
Acq: 14 Mar 2019 10:32

Tgt Ion: 92 Resp: 138172

Ion Ratio Lower Upper

92 100

91 171.8 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

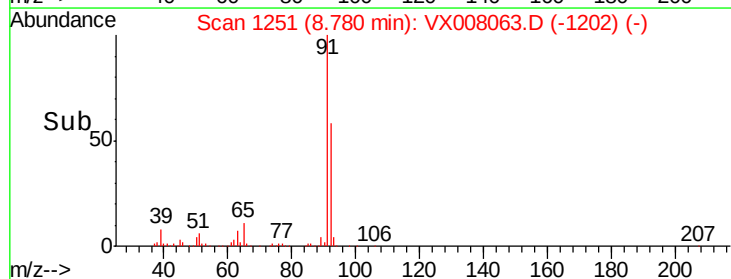
150000

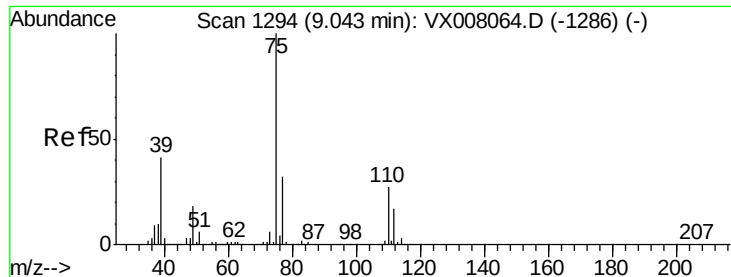
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.881 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

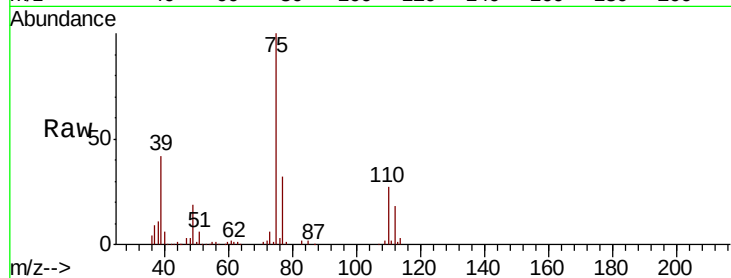
VSTDIC020

Tgt Ion: 75 Resp: 72636

Ion Ratio Lower Upper

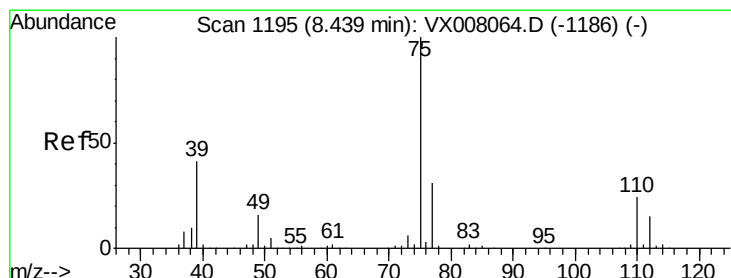
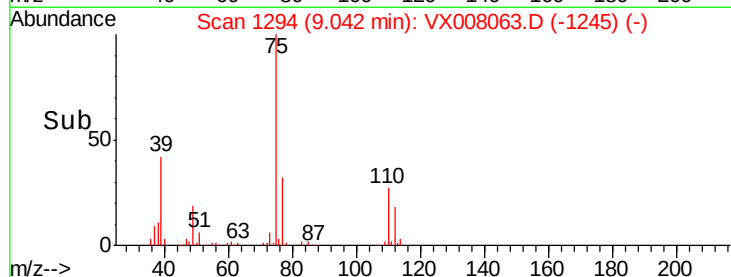
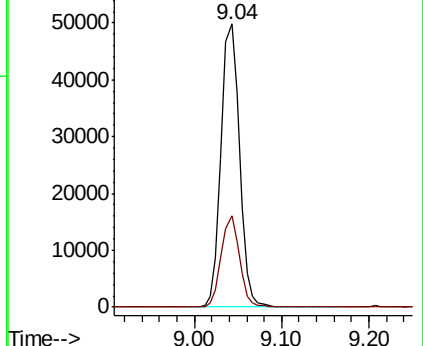
75 100

77 32.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.137 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

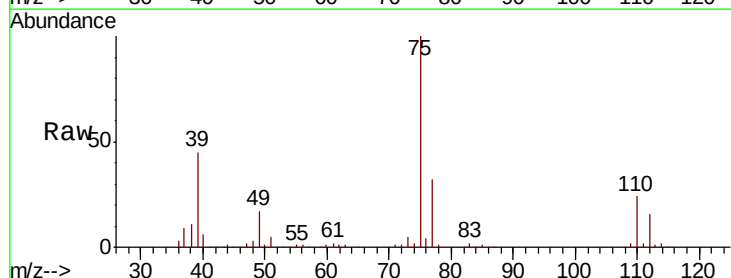
Tgt Ion: 75 Resp: 81992

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

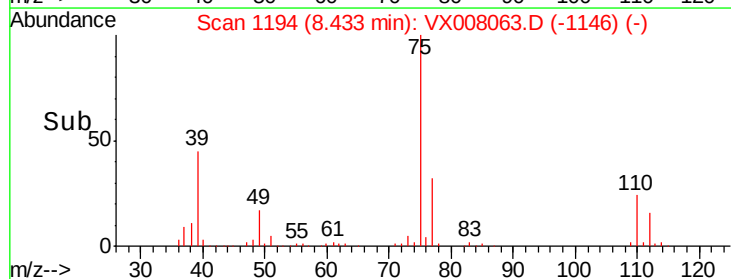
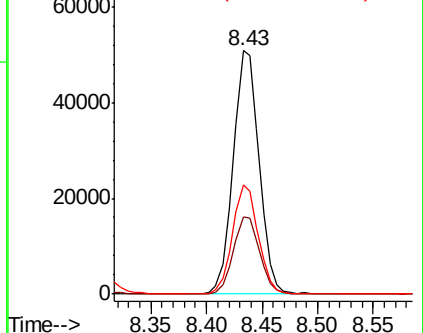
39 44.9 36.6 54.8

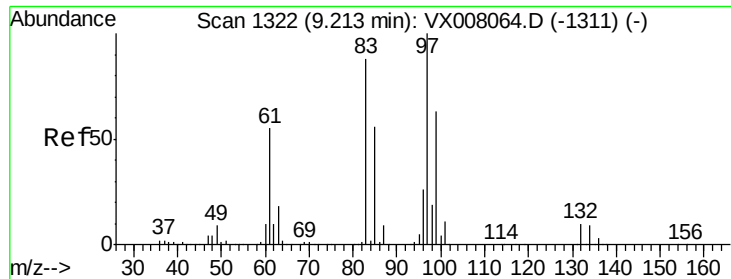


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

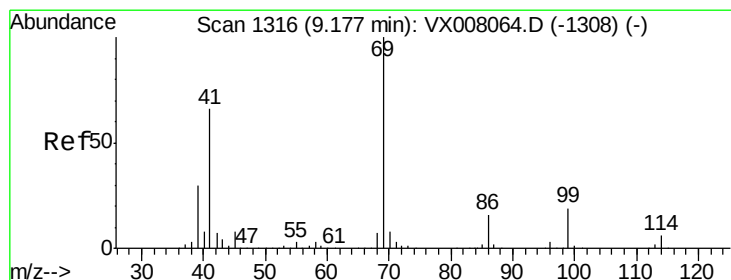
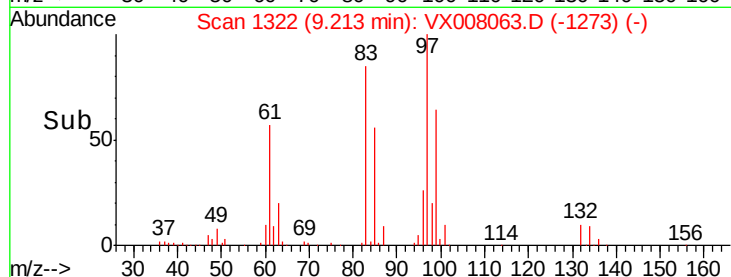
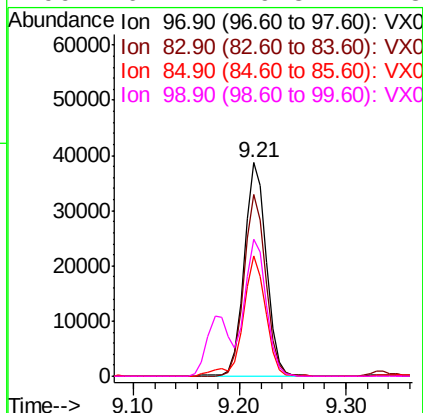
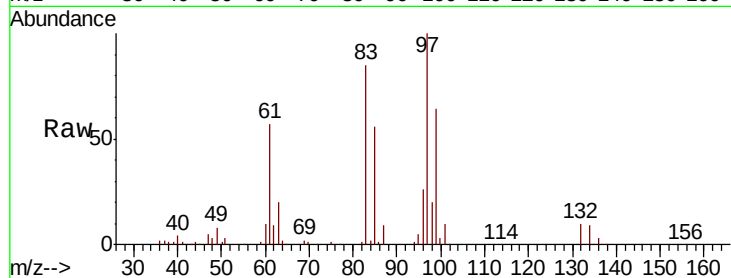




#55
 1,1,2-Trichloroethane
 Concen: 19.686 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

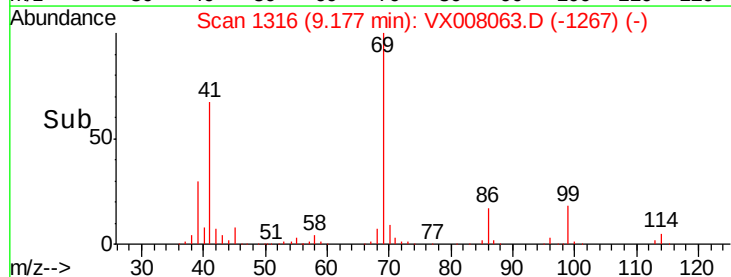
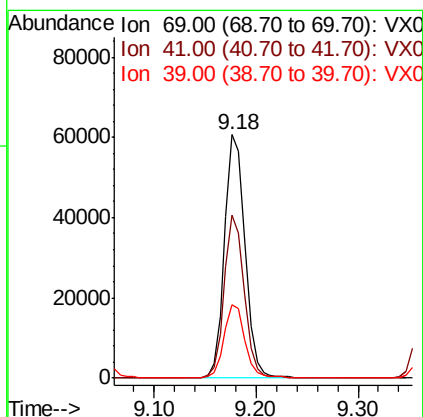
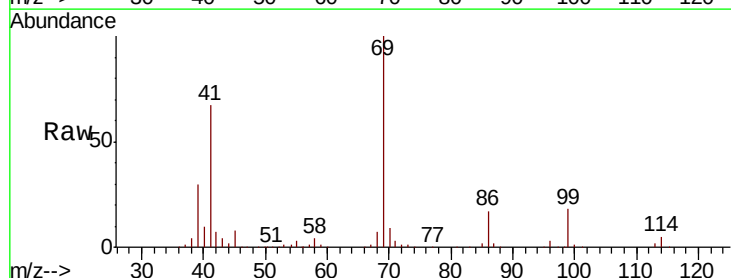
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

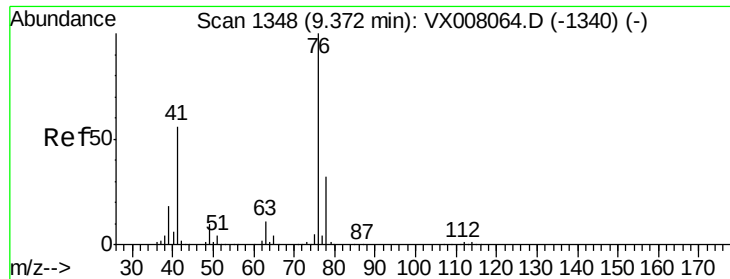
Tgt Ion:	97	Resp:	56666
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.1	103.7
85	56.1	44.3	66.5
99	64.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.178 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion:	69	Resp:	84835
Ion	Ratio	Lower	Upper
69	100		
41	65.2	54.2	81.4
39	30.4	25.0	37.4

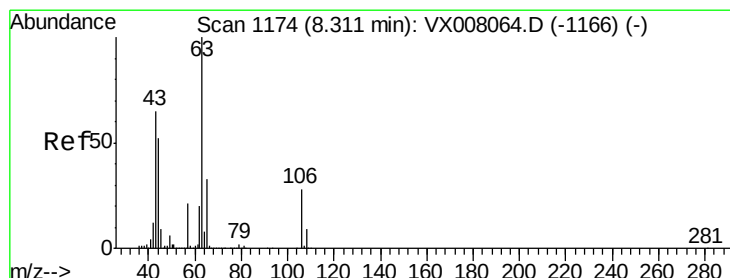
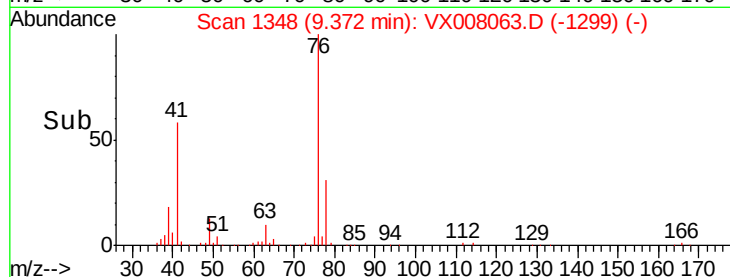
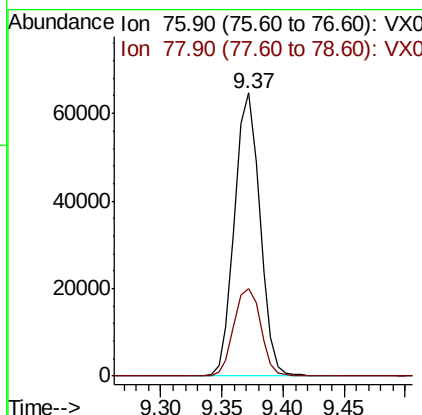
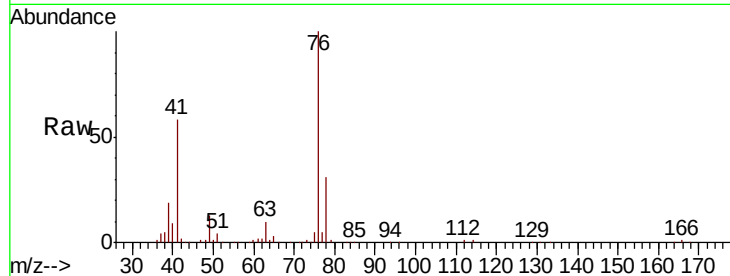




#57
 1,3-Dichloropropane
 Concen: 19.642 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

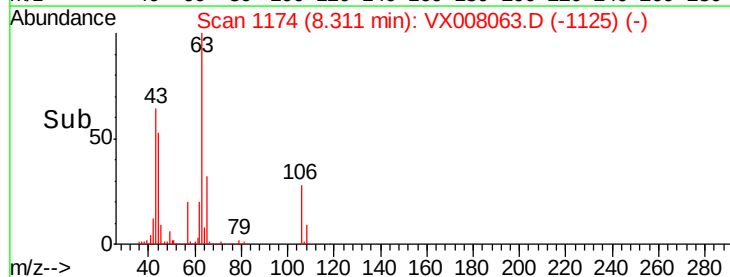
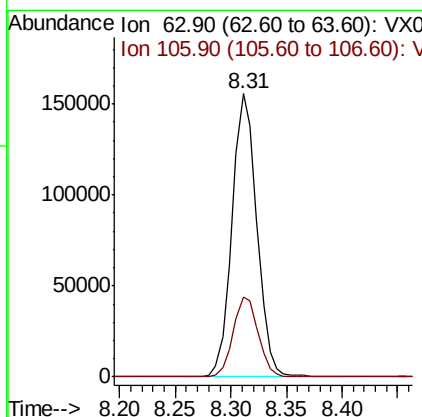
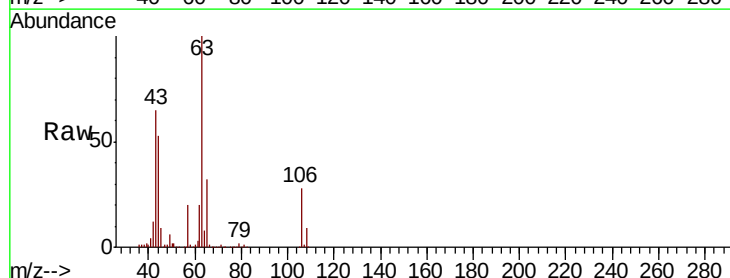
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

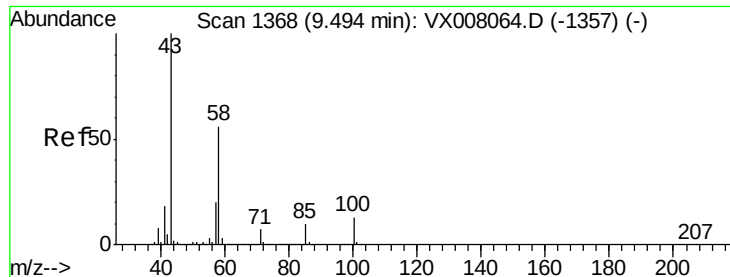
Tgt Ion: 76 Resp: 93267
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.133 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 63 Resp: 240366
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.2 33.2

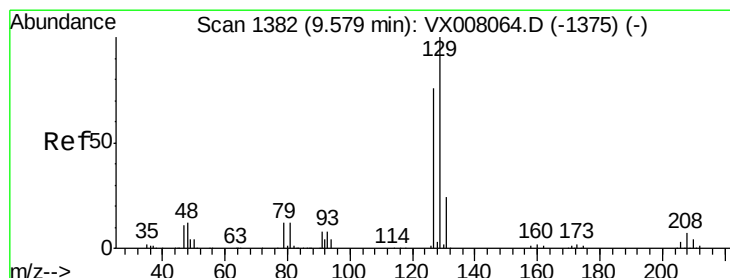
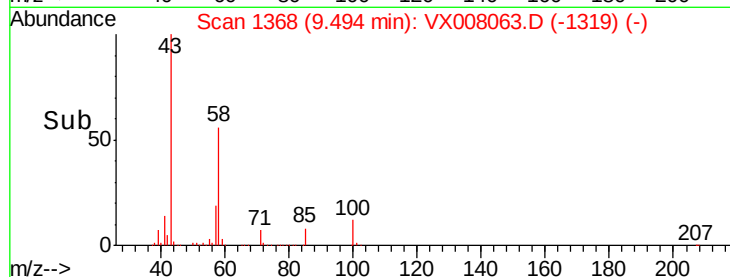
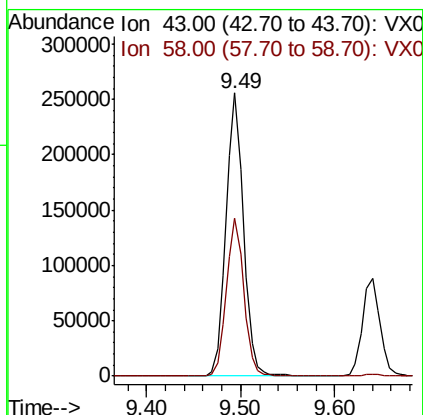
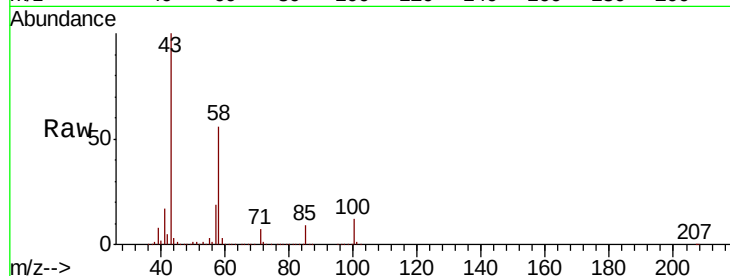




#59
2-Hexanone
Concen: 101.320 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

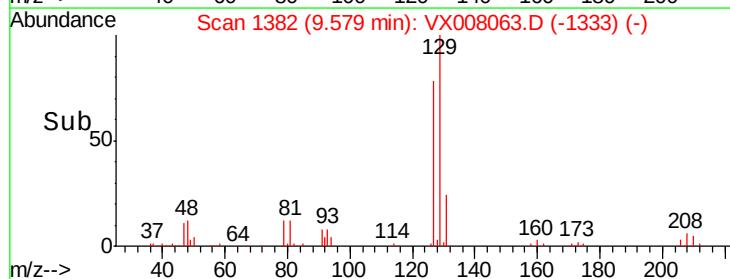
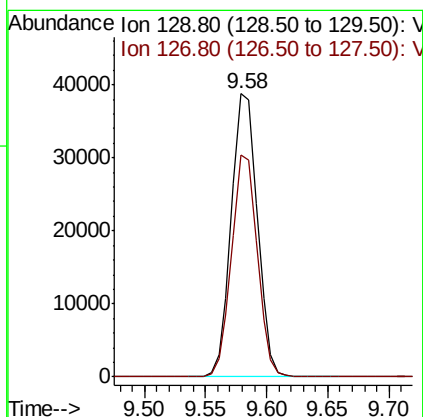
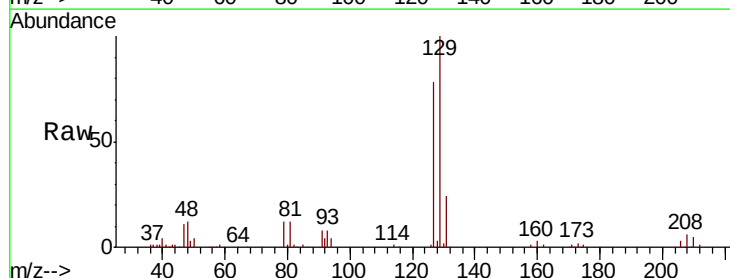
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

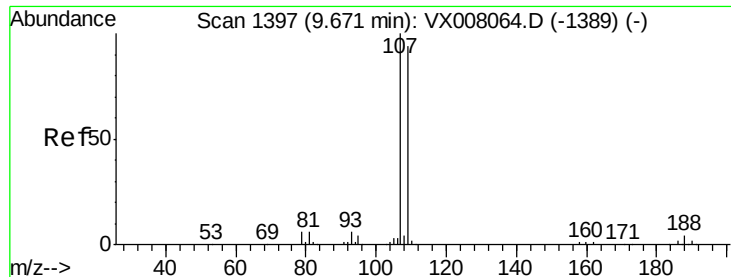
Tgt Ion: 43 Resp: 330212
Ion Ratio Lower Upper
43 100
58 55.8 27.6 82.7



#60
Dibromochloromethane
Concen: 18.528 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 129 Resp: 57298
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8

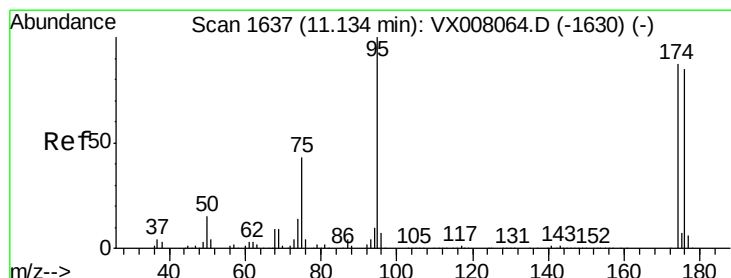
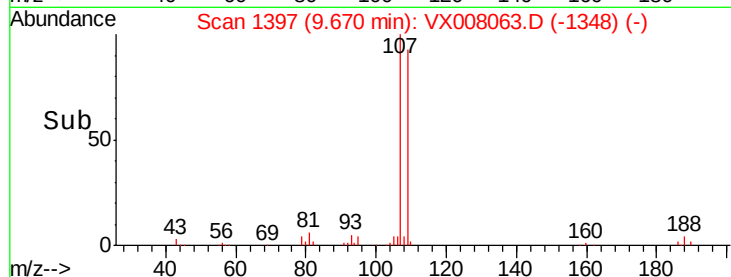
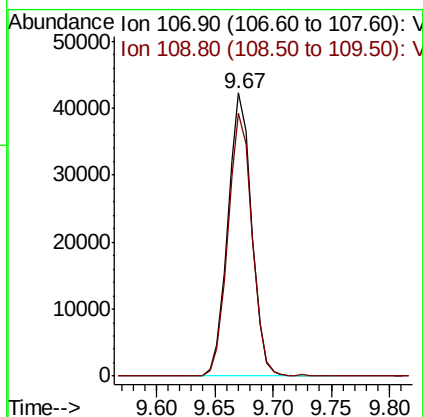
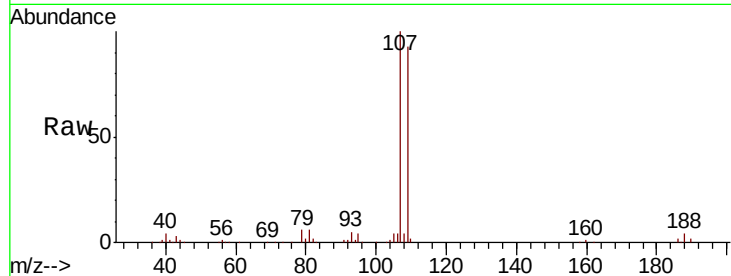




#61
 1,2-Dibromoethane
 Concen: 19.256 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

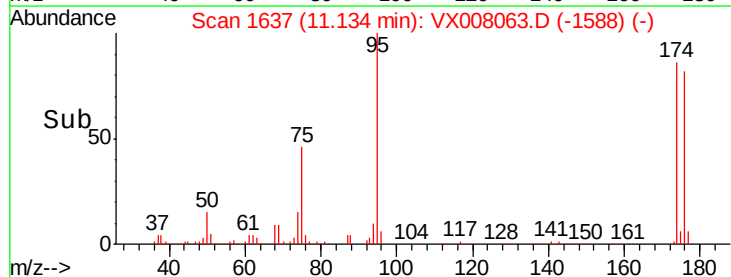
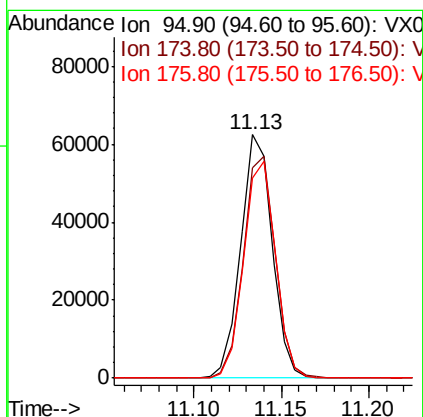
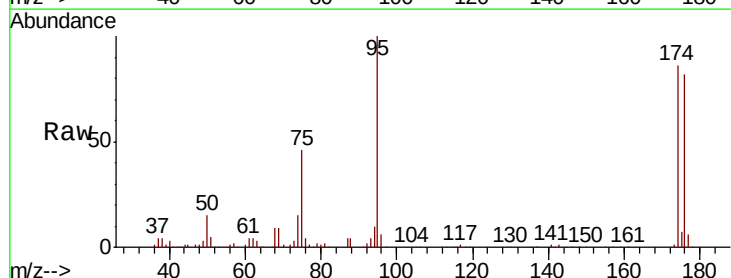
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

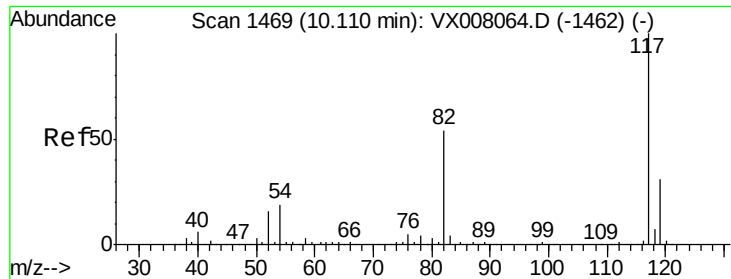
Tgt Ion: 107 Resp: 60015
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 20.609 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 95 Resp: 78750
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 182.8
 176 90.0 0.0 178.0

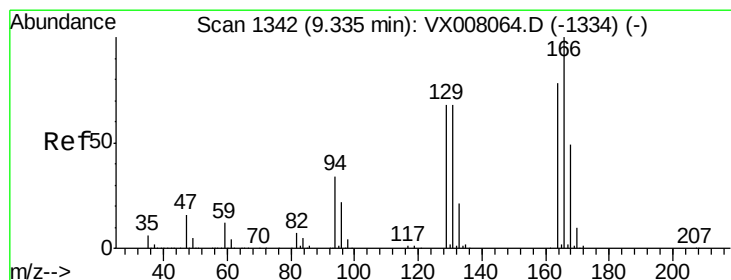
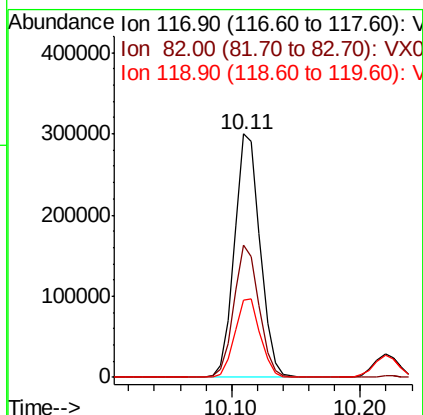
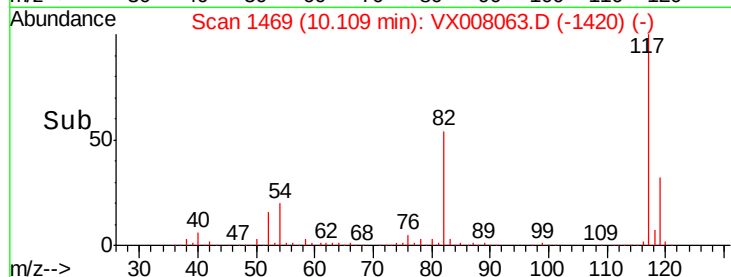
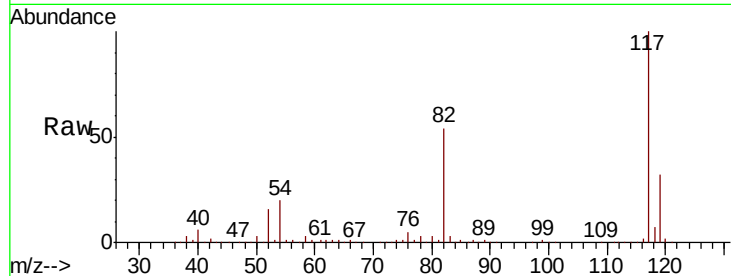




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

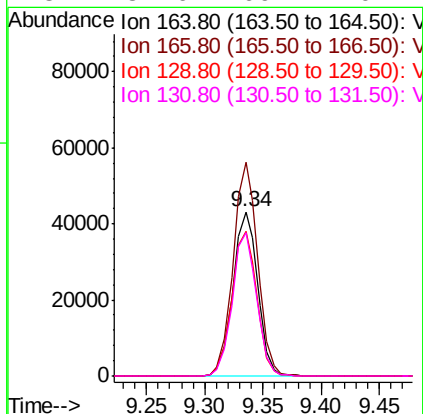
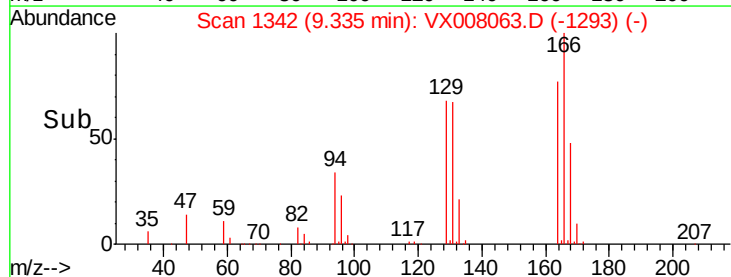
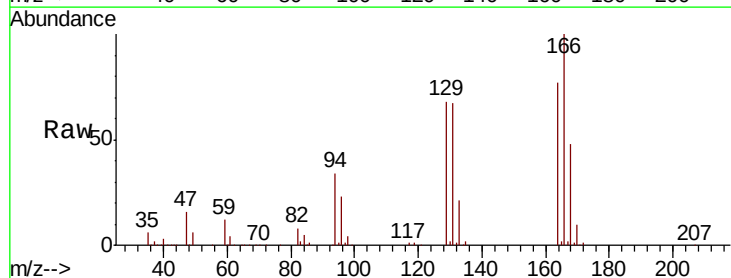
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

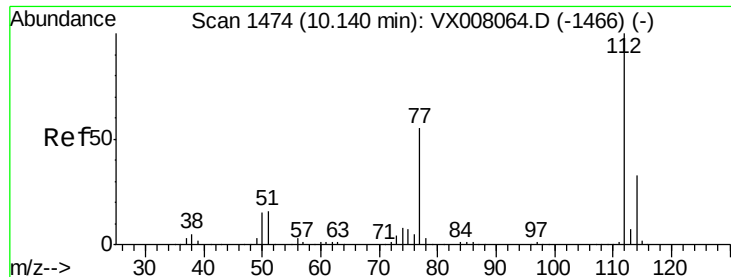
Tgt Ion:117 Resp: 415442
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 19.660 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion:164 Resp: 63990
Ion Ratio Lower Upper
164 100
166 130.2 103.4 155.0
129 87.9 72.2 108.4
131 87.6 69.4 104.2

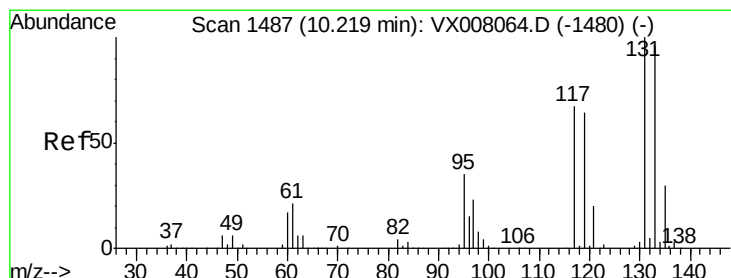
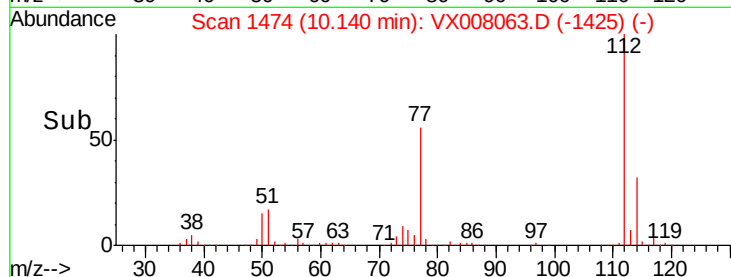
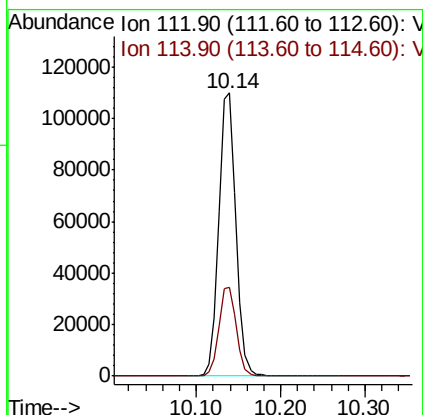
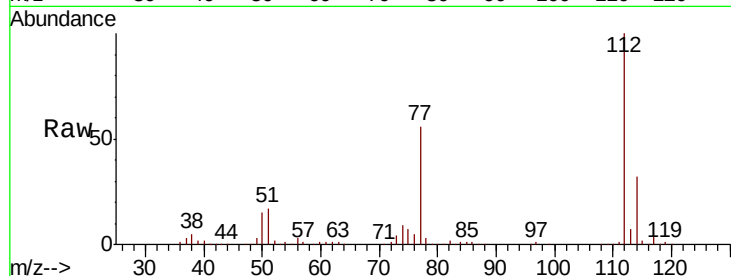




#65
Chlorobenzene
Concen: 19.300 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

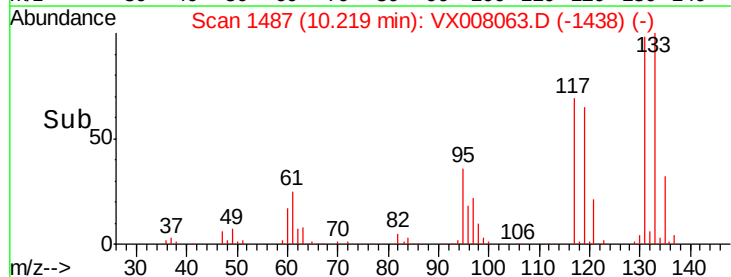
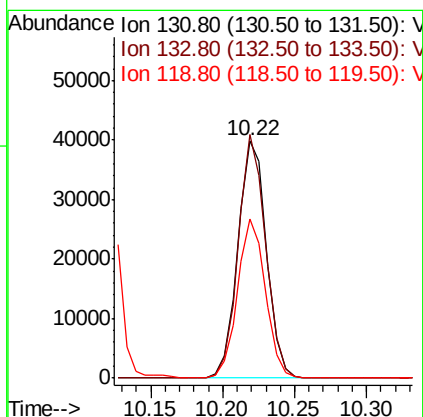
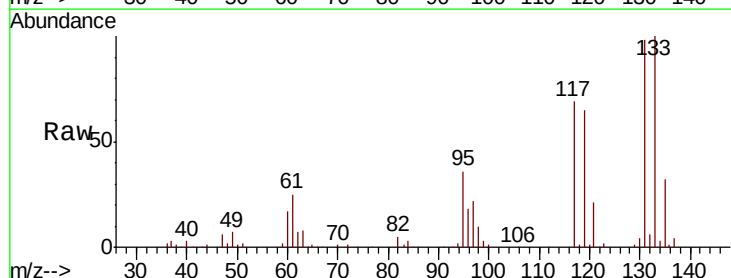
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

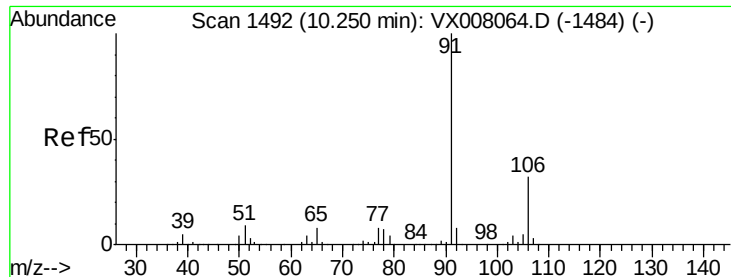
Tgt Ion:112 Resp: 154633
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.494 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion:131 Resp: 54802
Ion Ratio Lower Upper
131 100
133 98.3 47.8 143.3
119 66.1 32.5 97.5

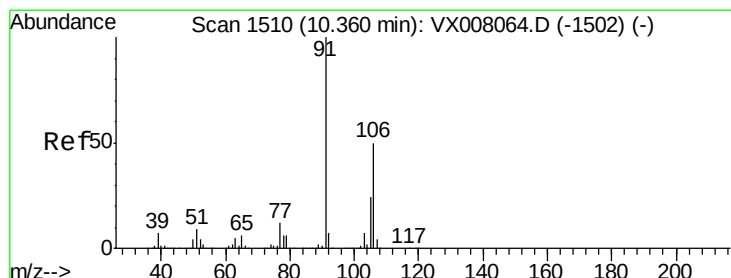
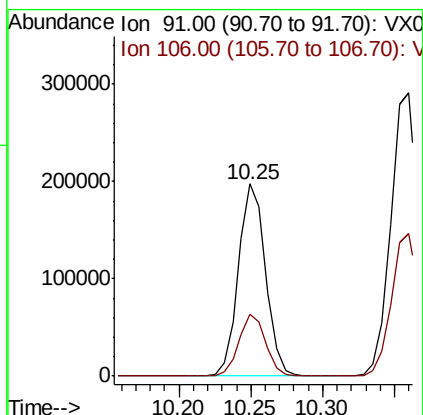
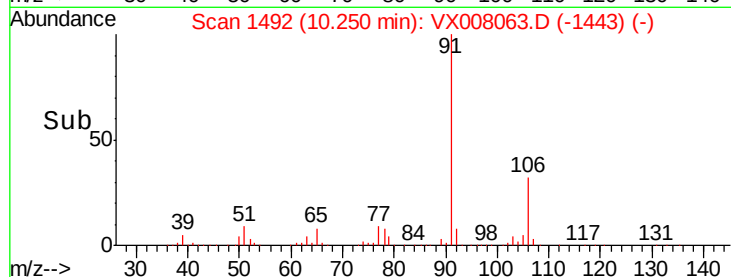
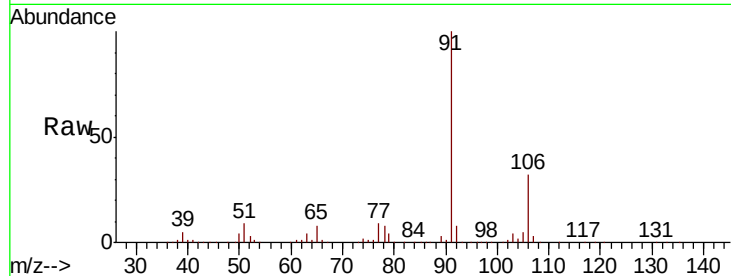




#67
Ethyl Benzene
Concen: 19.049 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

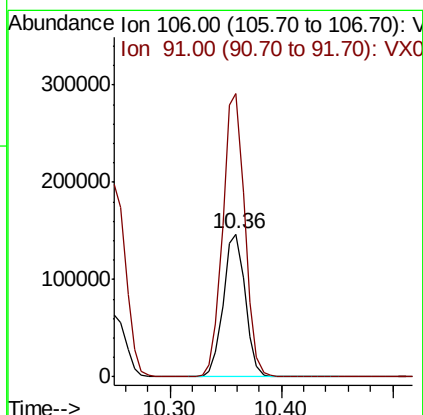
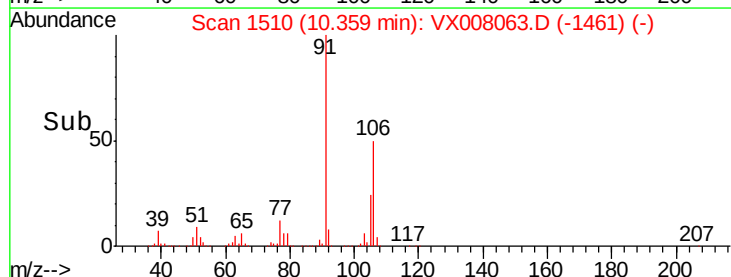
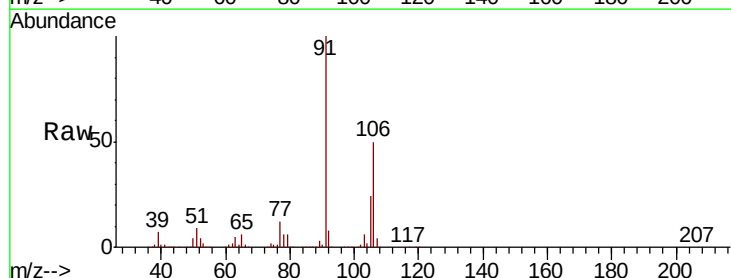
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

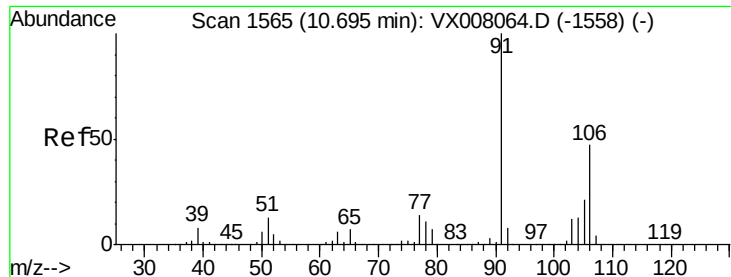
Tgt Ion: 91 Resp: 258611
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8



#68
m/p-Xylenes
Concen: 38.326 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 106 Resp: 200457
Ion Ratio Lower Upper
106 100
91 198.7 159.8 239.6

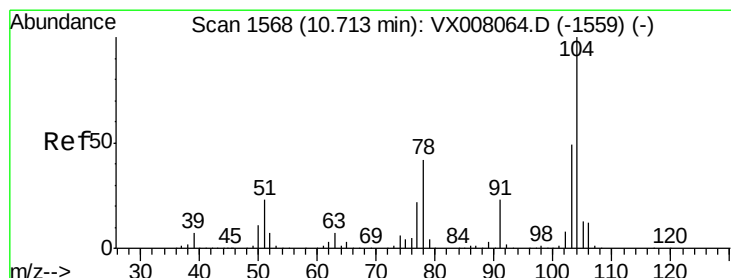
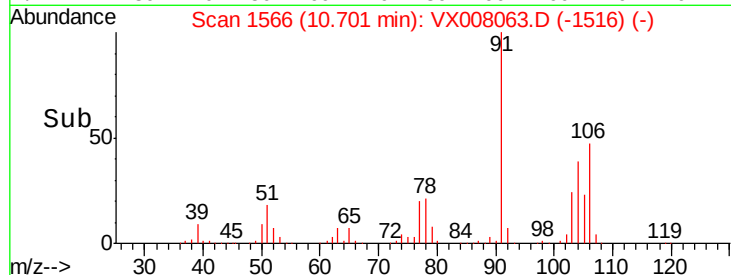
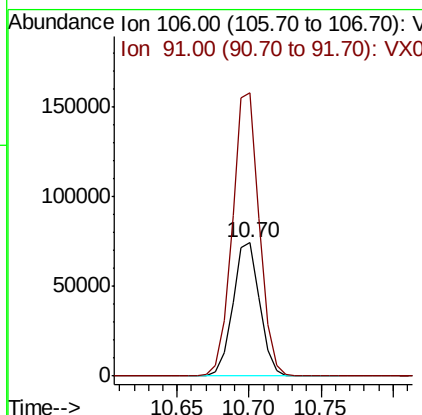
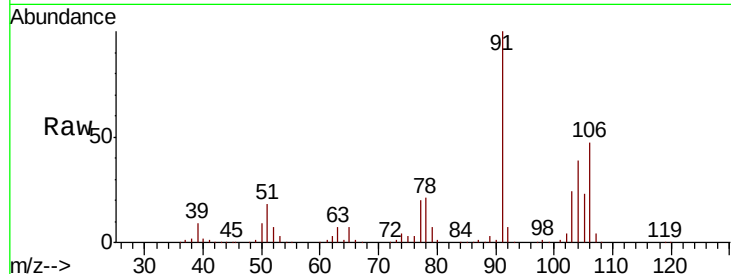




#69
o-Xylene
Concen: 19.029 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

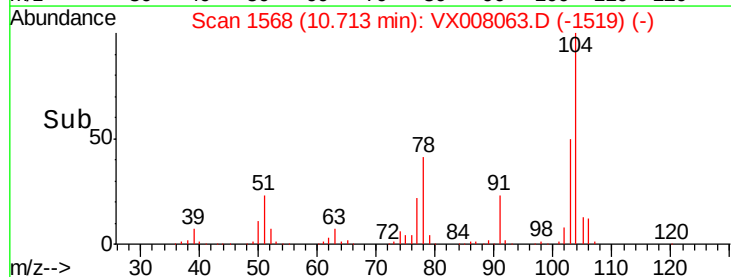
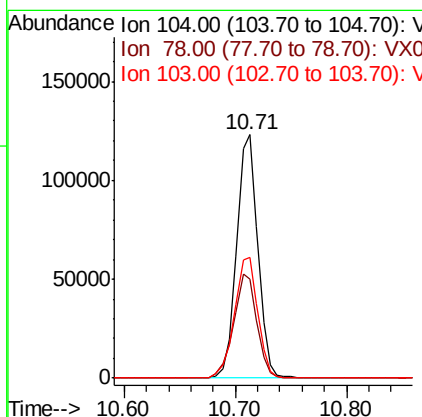
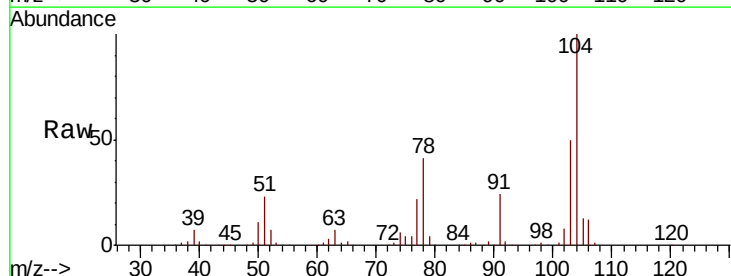
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

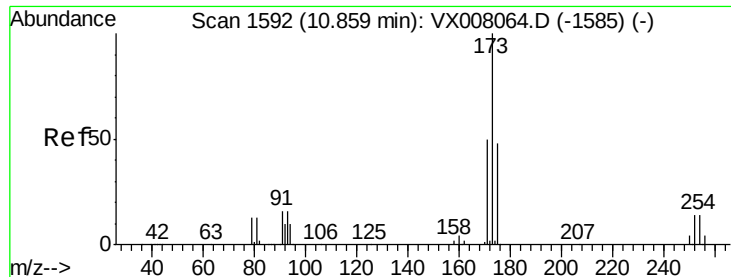
Tgt Ion:106 Resp: 96704
Ion Ratio Lower Upper
106 100
91 214.4 106.3 318.9



#70
Styrene
Concen: 19.191 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion:104 Resp: 161431
Ion Ratio Lower Upper
104 100
78 47.2 38.5 57.7
103 54.9 44.1 66.1





#71

Bromoform

Concen: 18.134 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

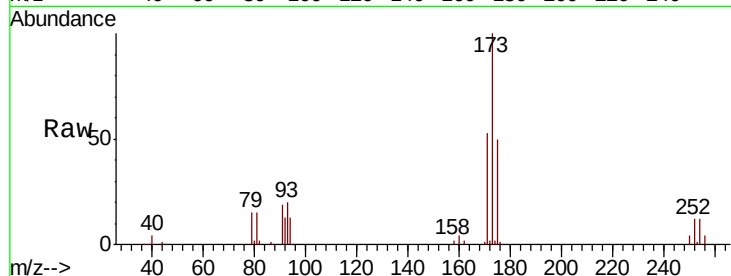
Tgt Ion:173 Resp: 45334

Ion Ratio Lower Upper

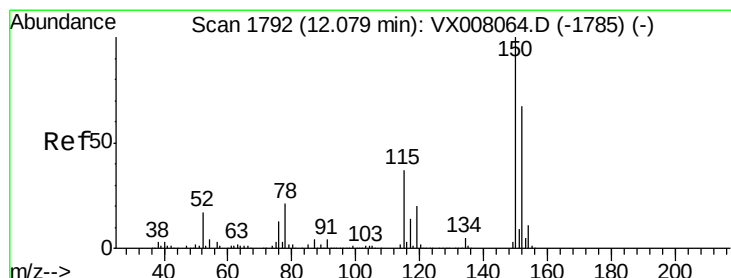
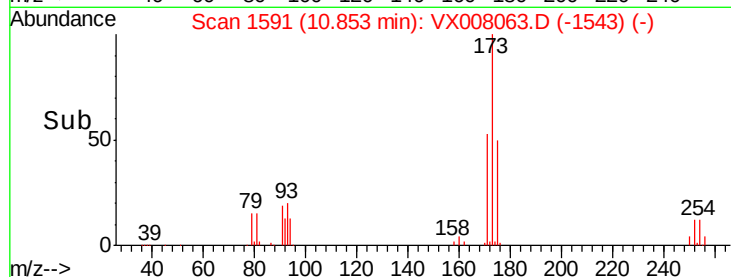
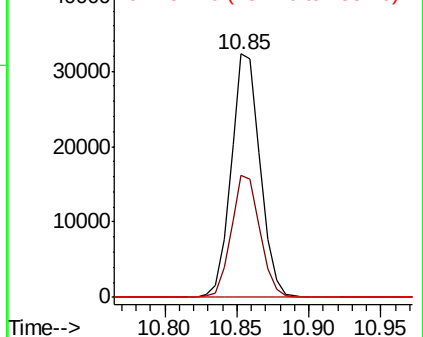
173 100

175 49.6 24.3 72.9

254 0.2 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: VX008063.D

Acq: 14 Mar 2019 10:32

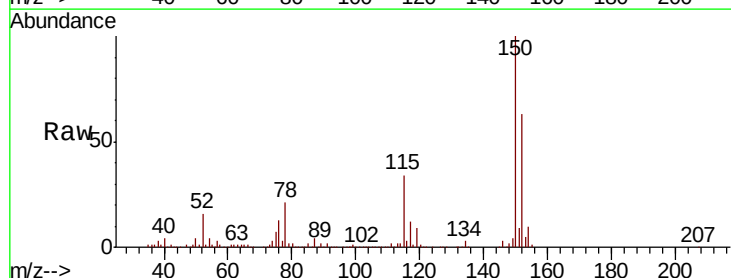
Tgt Ion:152 Resp: 209844

Ion Ratio Lower Upper

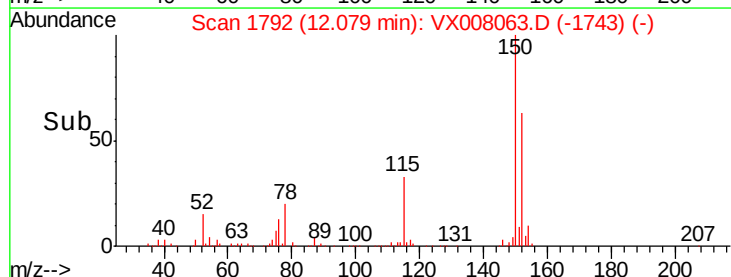
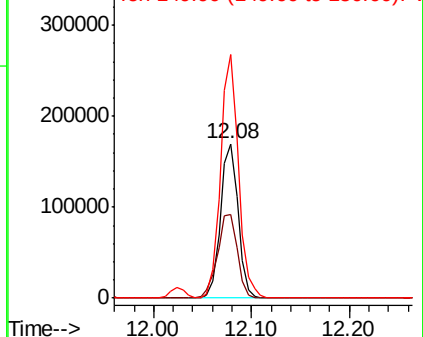
152 100

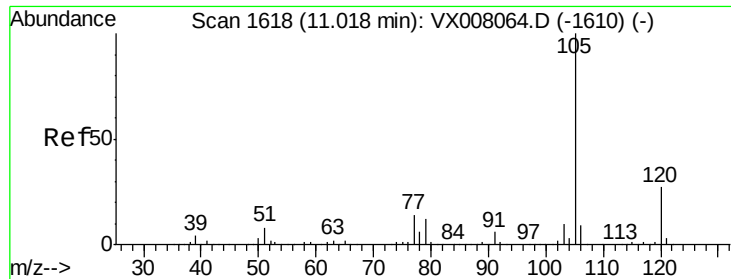
115 62.0 38.6 115.7

150 161.1 0.0 348.4



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

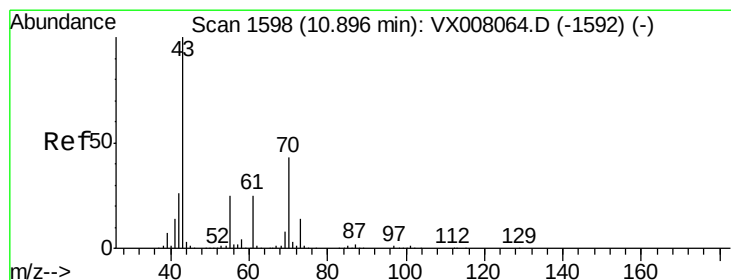
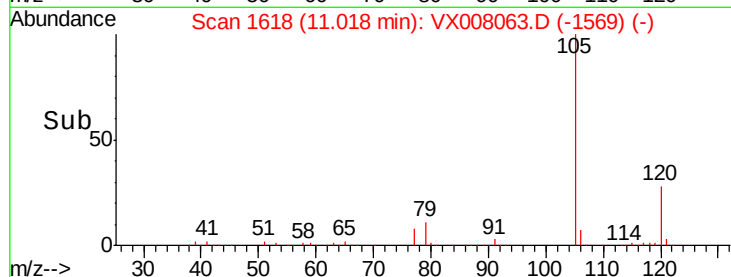
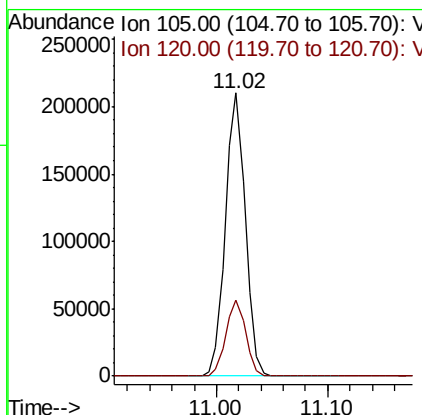
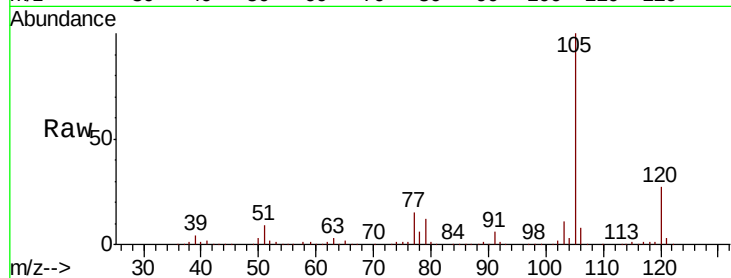




#73
Isopropylbenzene
Concen: 19.457 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

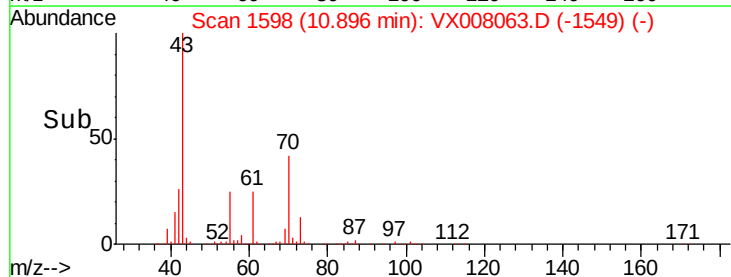
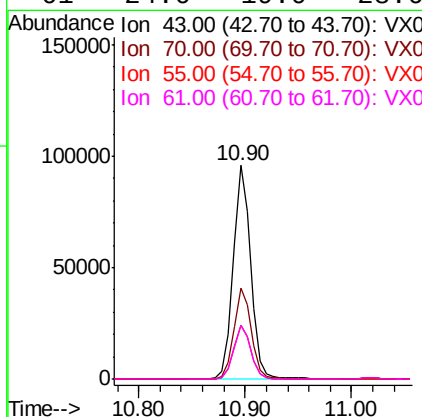
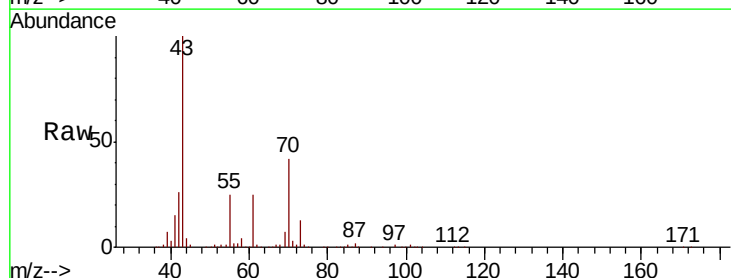
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

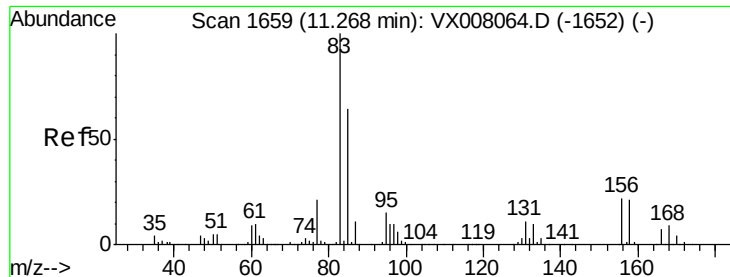
Tgt Ion: 105 Resp: 260709
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 19.672 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 43 Resp: 110278
Ion Ratio Lower Upper
43 100
70 42.5 33.5 50.3
55 25.1 19.2 28.8
61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.535 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

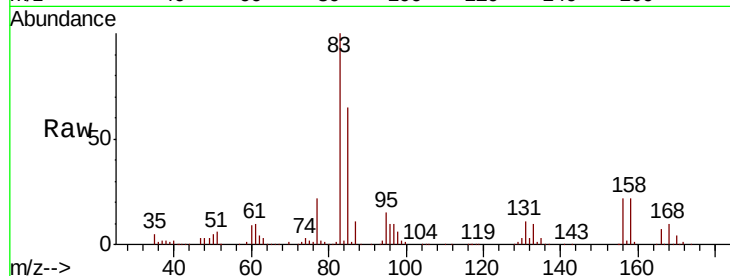
Tgt Ion: 83 Resp: 85779

Ion Ratio Lower Upper

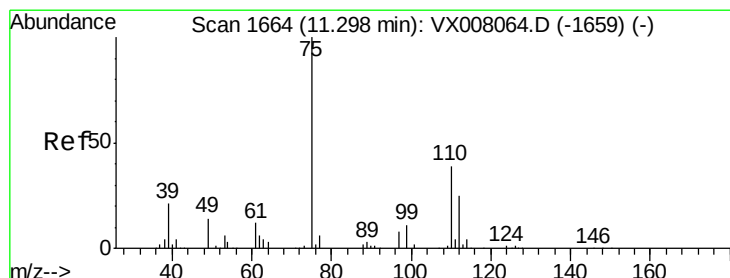
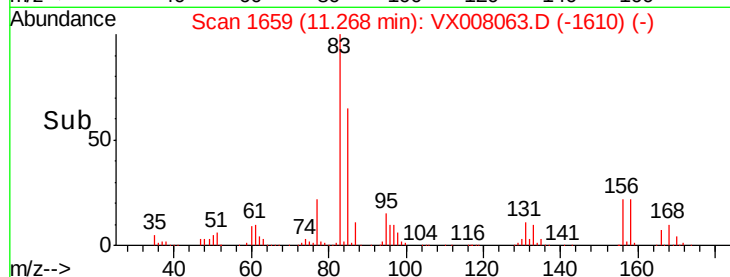
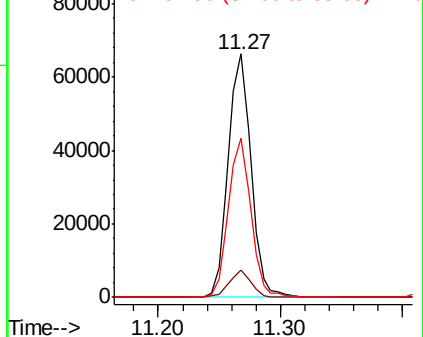
83 100

131 10.7 5.4 16.2

85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.354 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008063.D

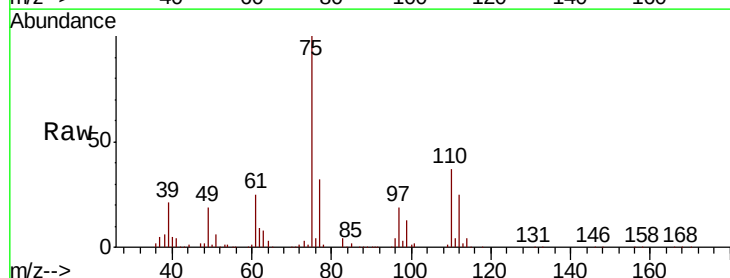
Acq: 14 Mar 2019 10:32

Tgt Ion: 75 Resp: 96567

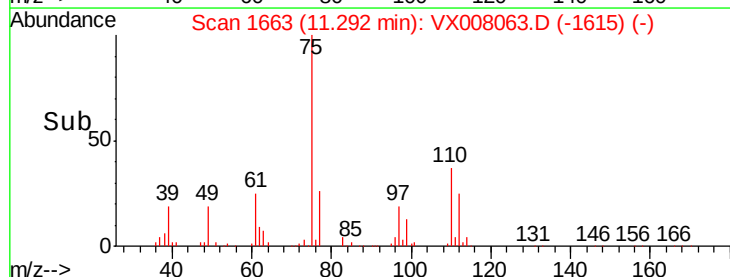
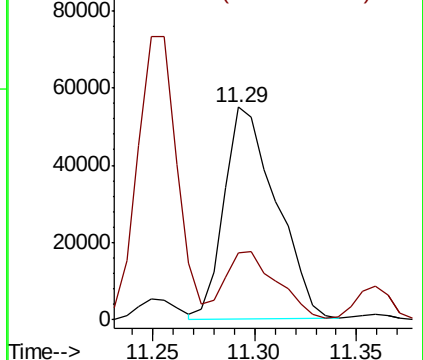
Ion Ratio Lower Upper

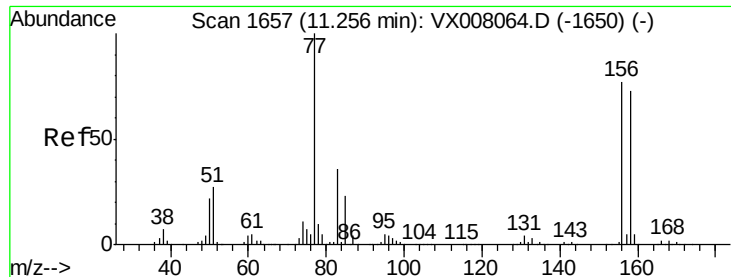
75 100

77 33.0 18.9 56.7



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





#77

Bromobenzene

Concen: 19.753 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

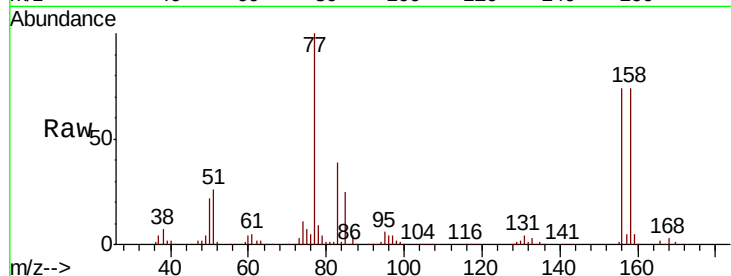
Tgt Ion:156 Resp: 70772

Ion Ratio Lower Upper

156 100

77 139.3 72.0 215.9

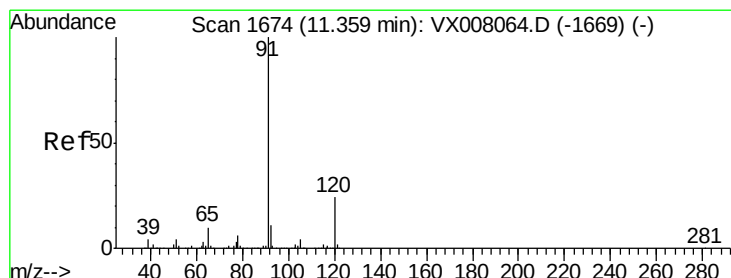
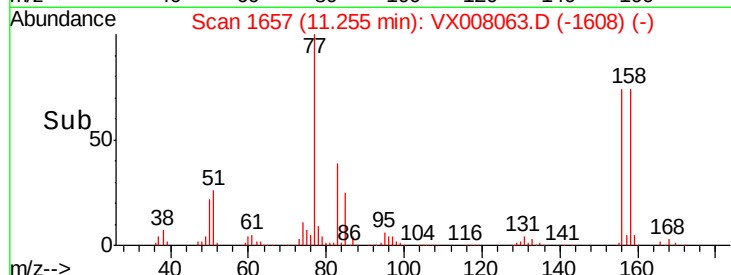
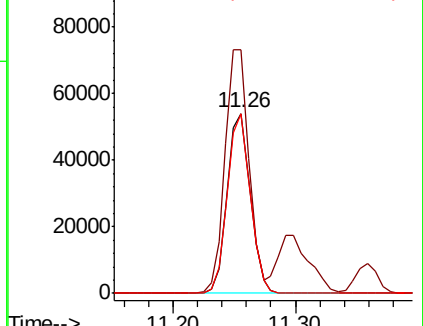
158 98.2 48.6 145.9



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: 19.226 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008063.D

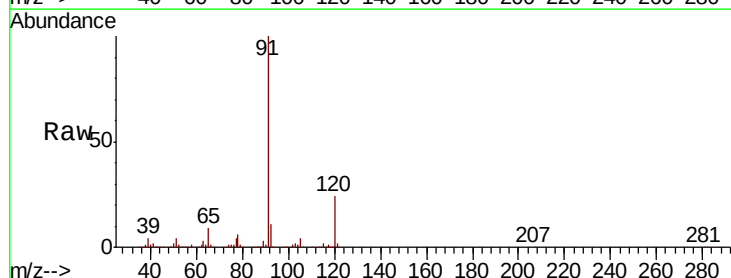
Acq: 14 Mar 2019 10:32

Tgt Ion: 91 Resp: 288010

Ion Ratio Lower Upper

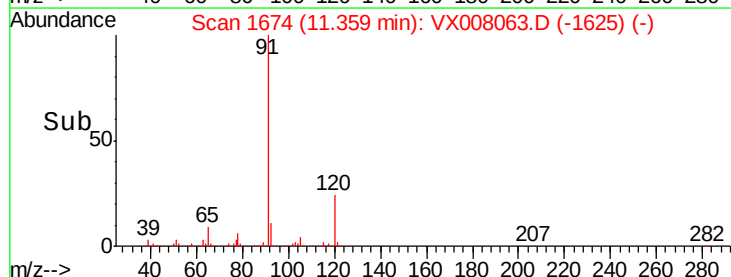
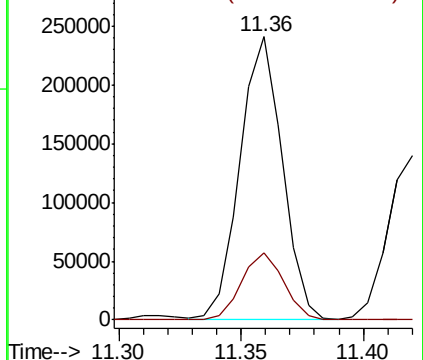
91 100

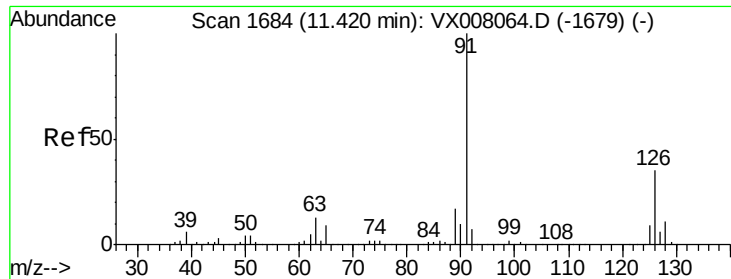
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.726 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

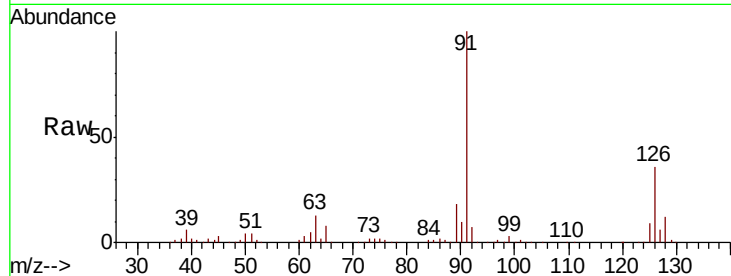
VSTDIC020

Tgt Ion: 91 Resp: 174476

Ion Ratio Lower Upper

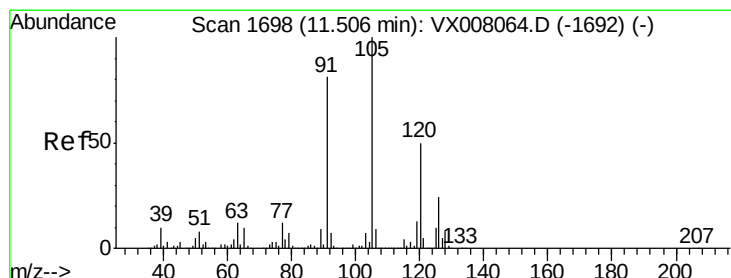
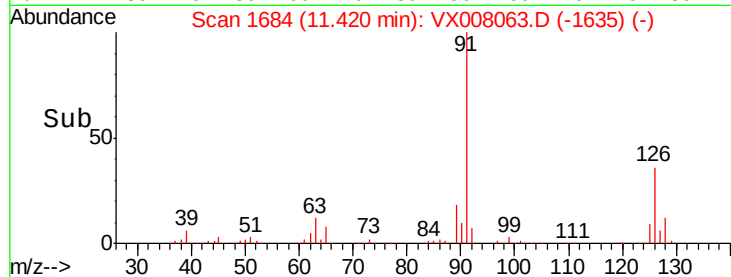
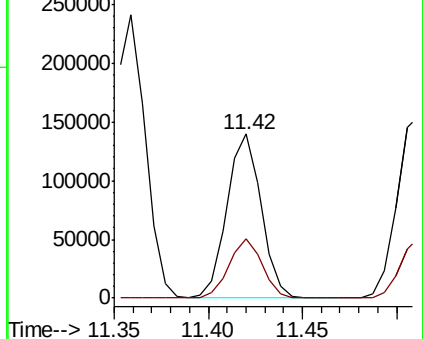
91 100

126 35.5 17.5 52.6



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: 19.383 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008063.D

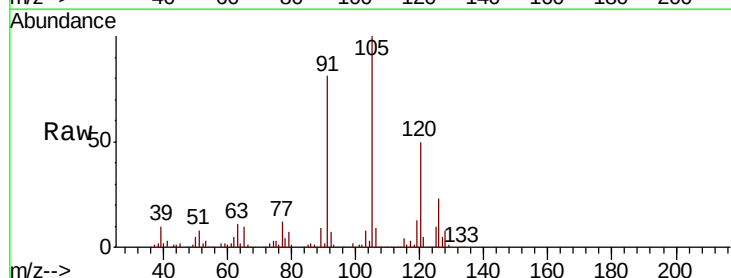
Acq: 14 Mar 2019 10:32

Tgt Ion: 105 Resp: 215652

Ion Ratio Lower Upper

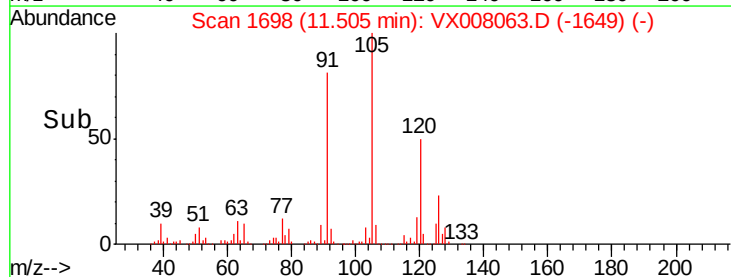
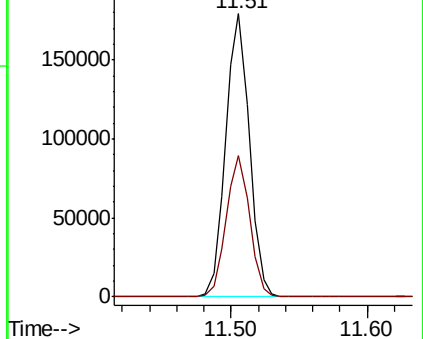
105 100

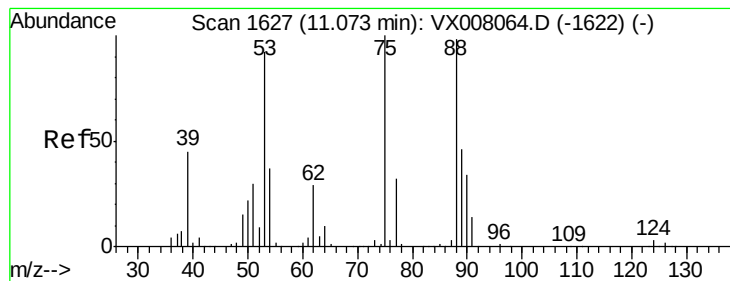
120 49.8 24.9 74.6



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: 17.728 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

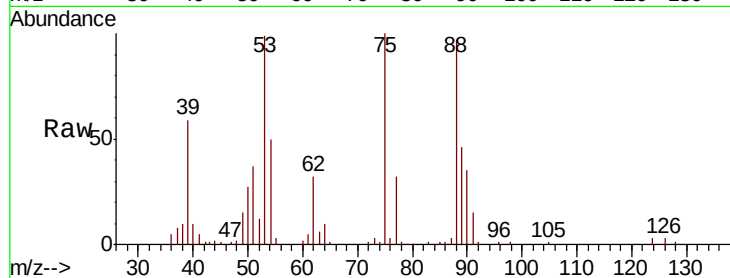
Tgt Ion: 75 Resp: 23579

Ion Ratio Lower Upper

75 100

53 100.6 76.1 114.1

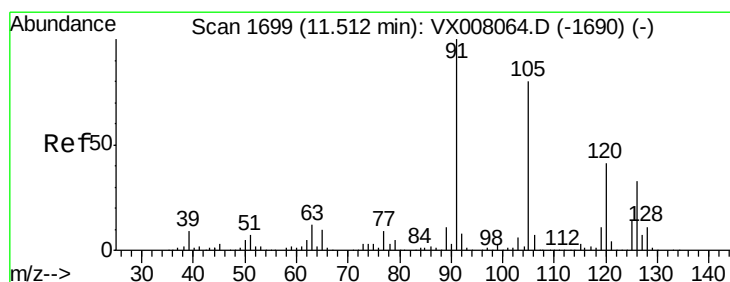
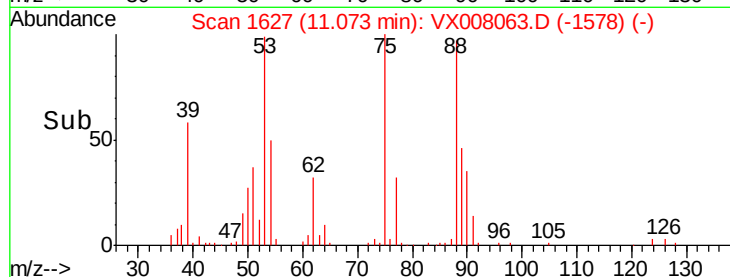
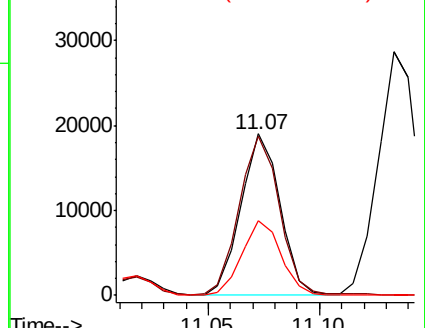
89 45.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.522 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008063.D

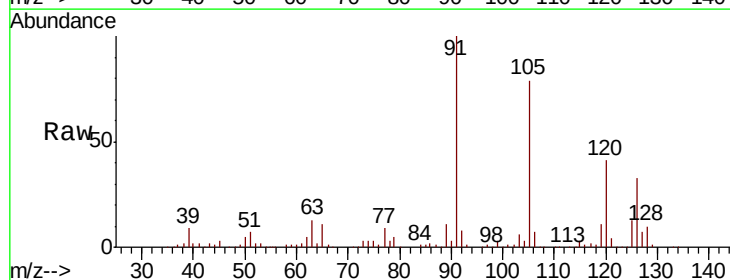
Acq: 14 Mar 2019 10:32

Tgt Ion: 91 Resp: 196874

Ion Ratio Lower Upper

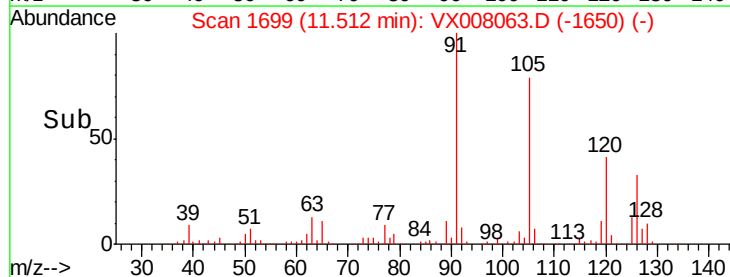
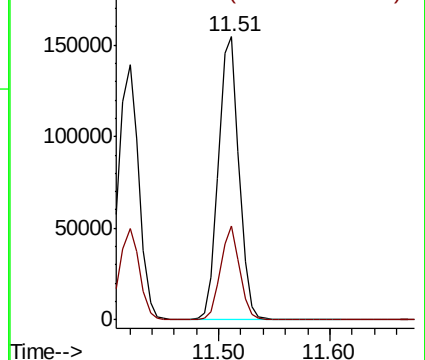
91 100

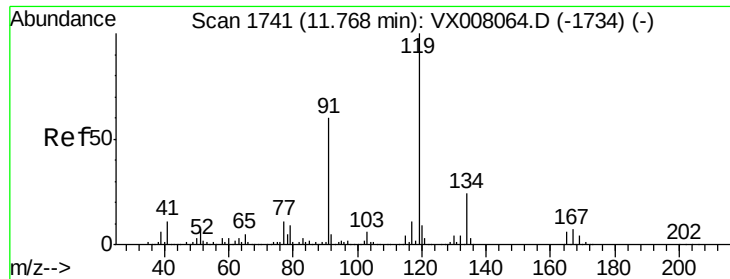
126 31.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

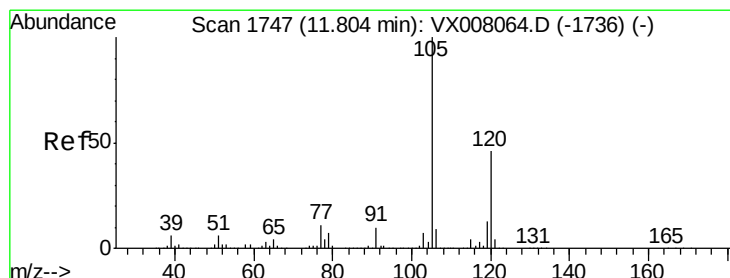
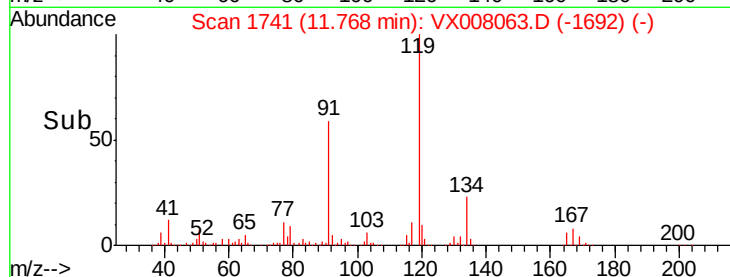
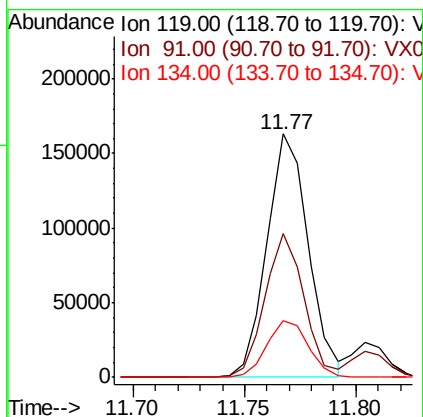
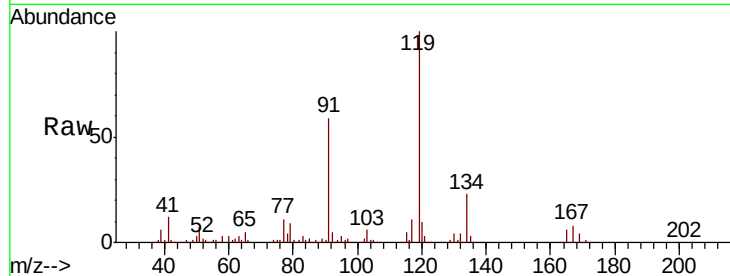




#83
 tert-Butylbenzene
 Concen: 19.357 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

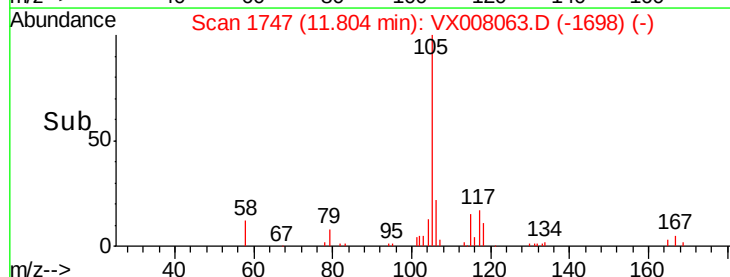
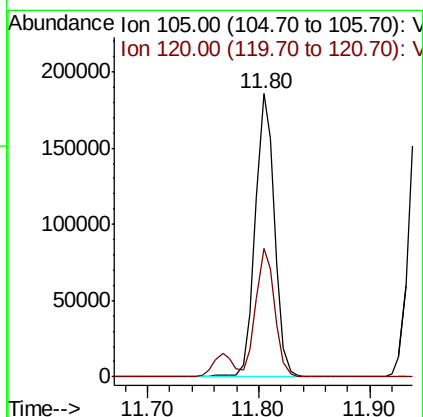
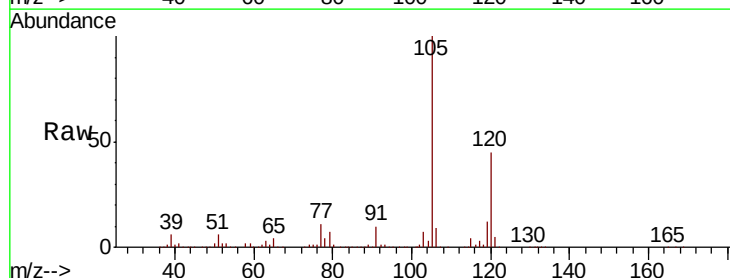
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

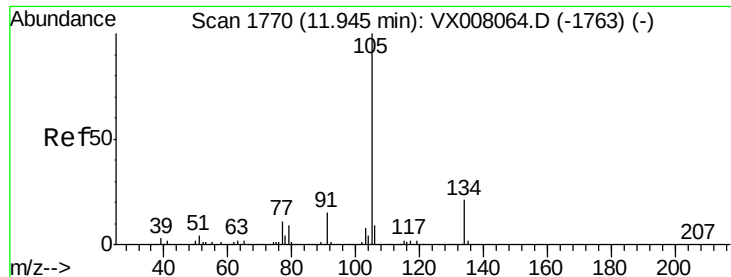
Tgt Ion:119 Resp: 211084
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.1 81.3
 134 23.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.501 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion:105 Resp: 223087
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.192 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

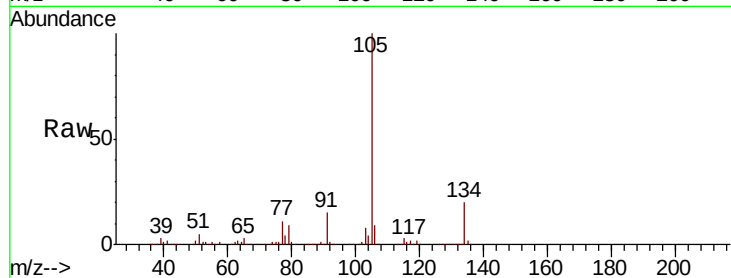
VSTDIC020

Tgt Ion:105 Resp: 255883

Ion Ratio Lower Upper

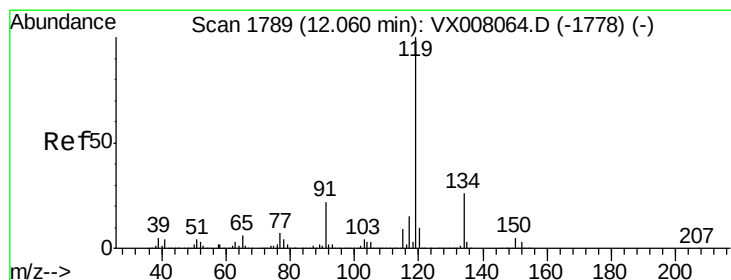
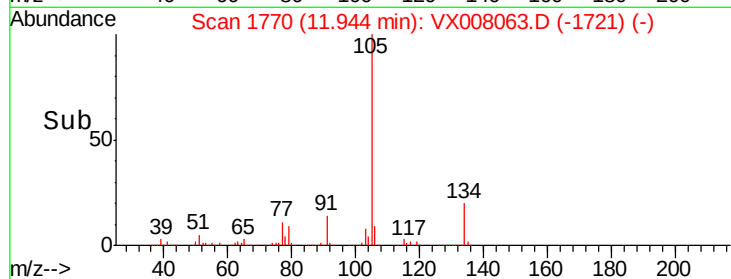
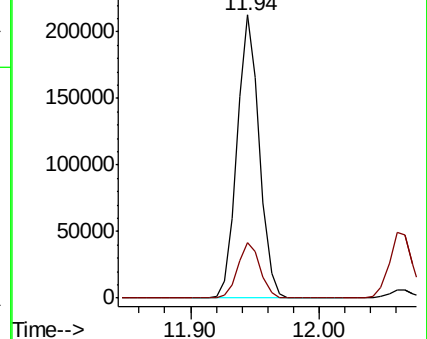
105 100

134 19.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.974 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

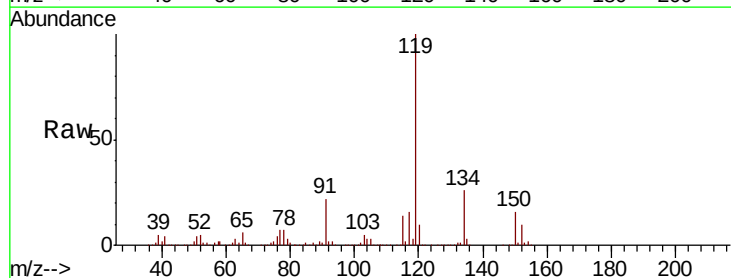
Tgt Ion:119 Resp: 229408

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

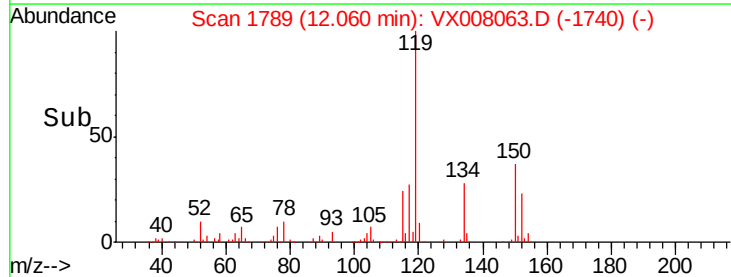
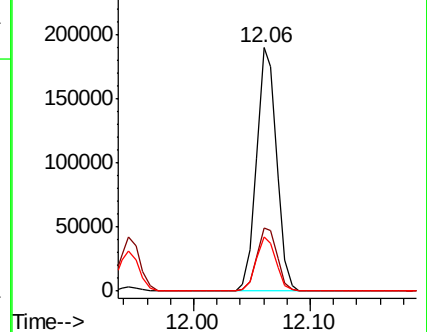
91 22.0 10.9 32.7

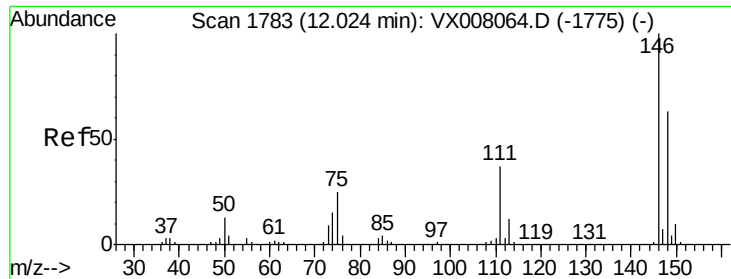


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.344 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

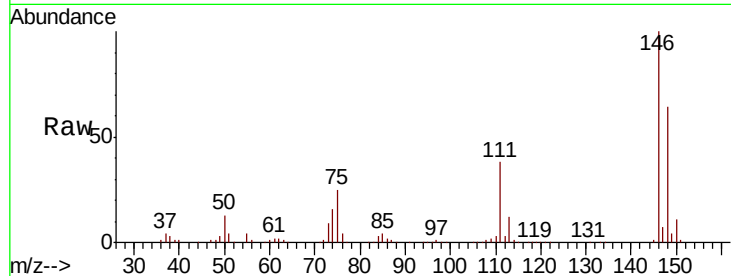
Tgt Ion:146 Resp: 122706

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.7

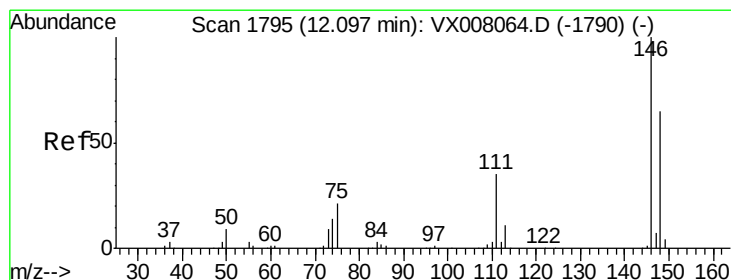
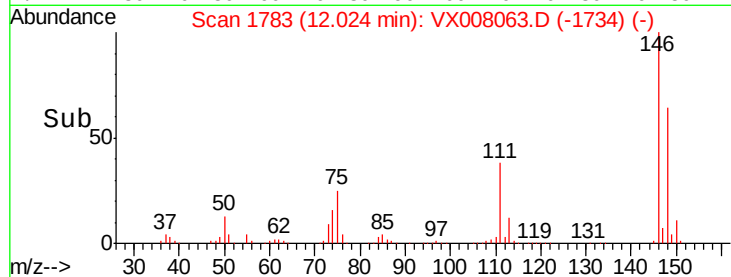
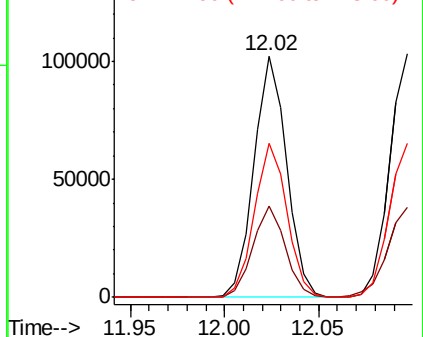
148 63.8 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 19.493 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

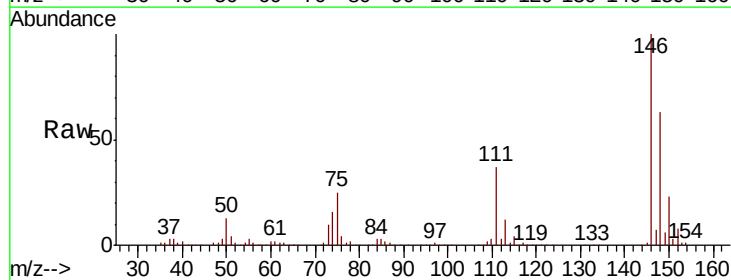
Tgt Ion:146 Resp: 123271

Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.0

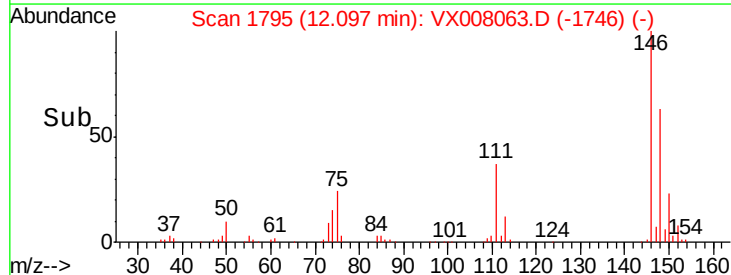
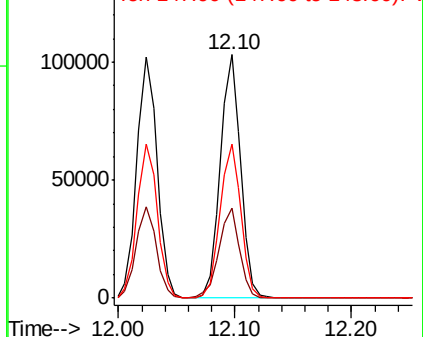
148 65.0 32.2 96.6

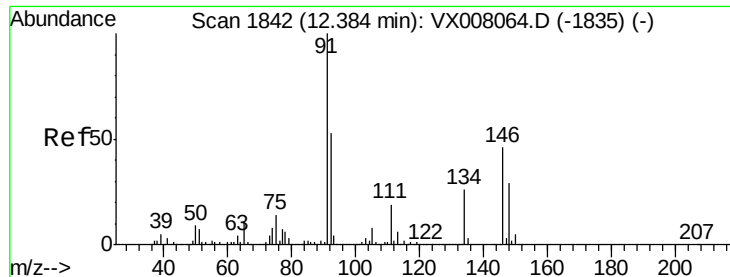


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

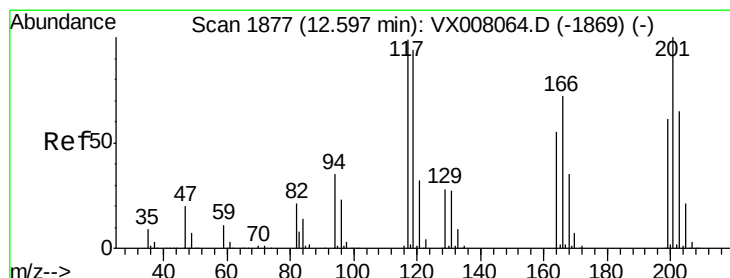
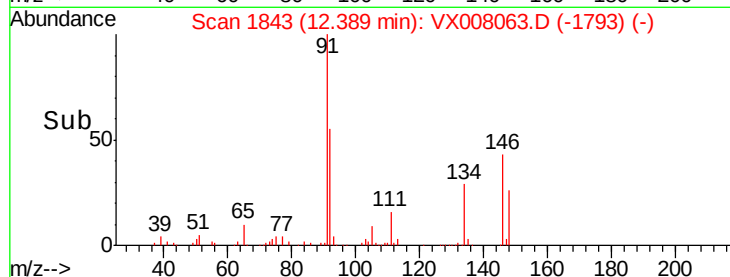
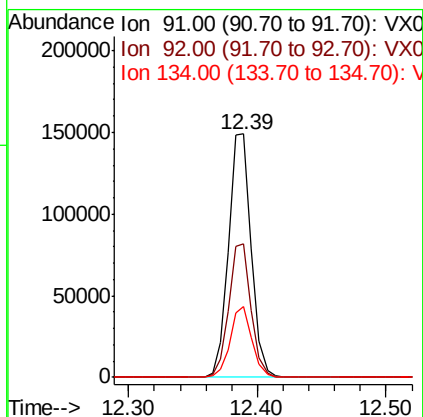
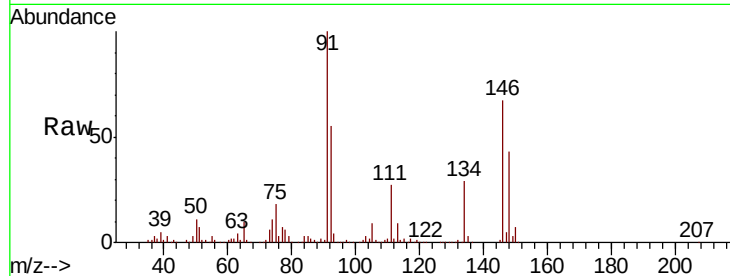




#89
n-Butylbenzene
Concen: 18.349 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

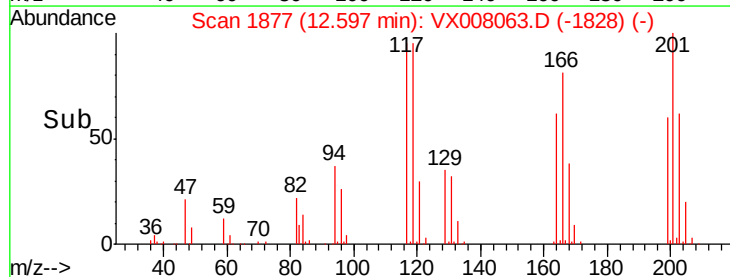
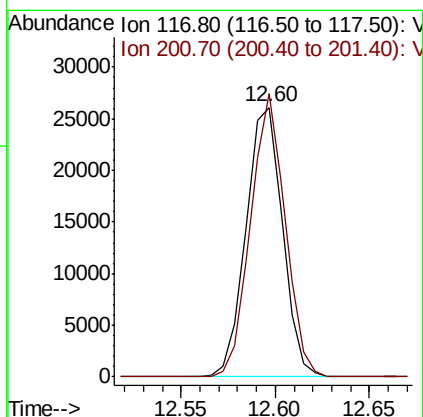
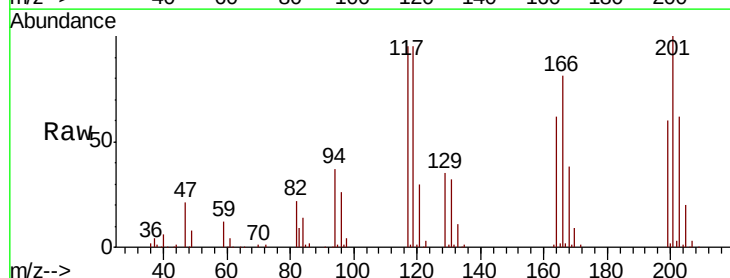
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

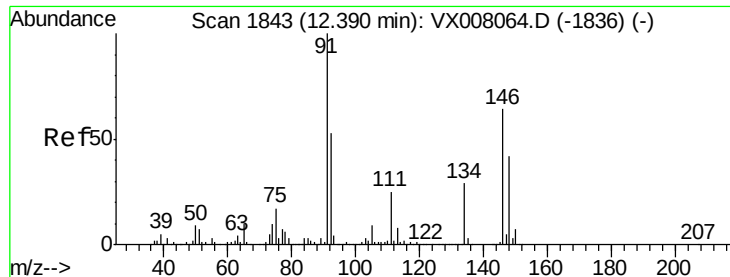
Tgt Ion: 91 Resp: 185058
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 27.7 13.7 41.0



#90
Hexachloroethane
Concen: 18.040 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008063.D
Acq: 14 Mar 2019 10:32

Tgt Ion: 117 Resp: 35044
Ion Ratio Lower Upper
117 100
201 99.2 48.9 146.7

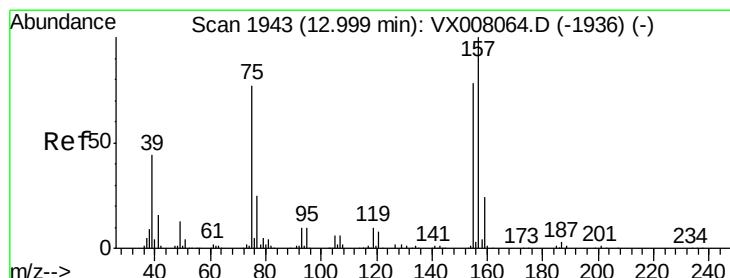
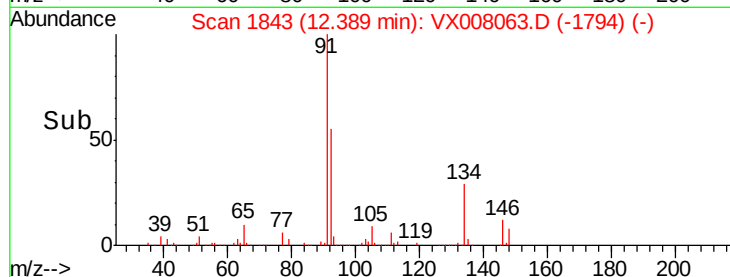
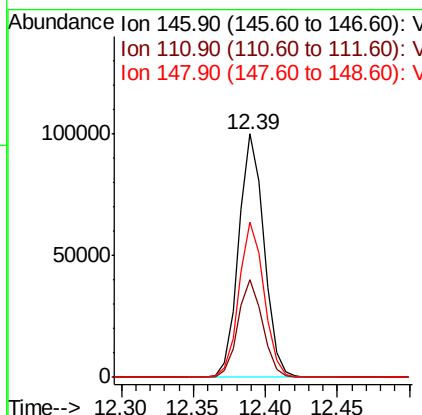
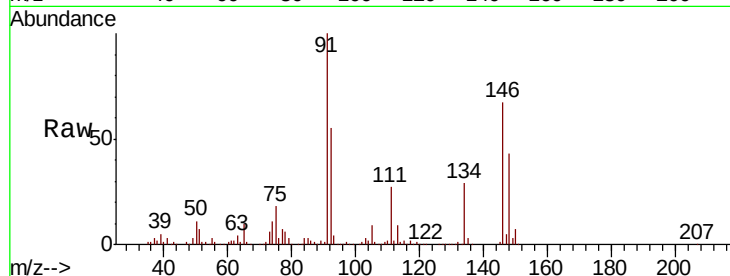




#91
 1,2-Dichlorobenzene
 Concen: 19.634 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

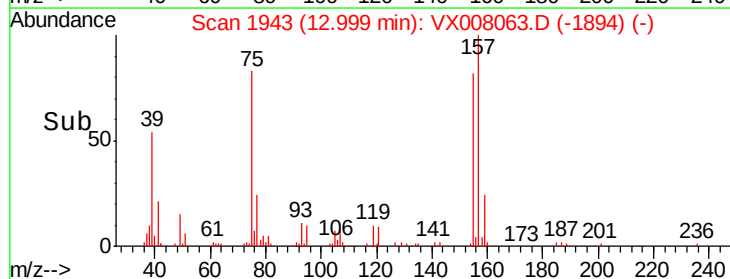
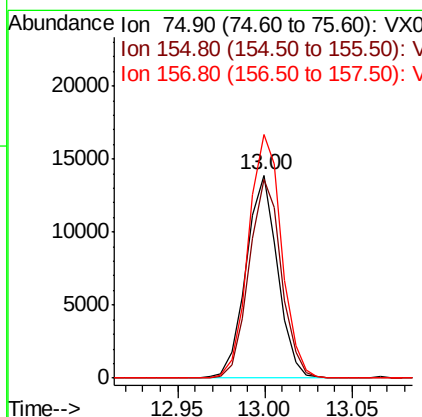
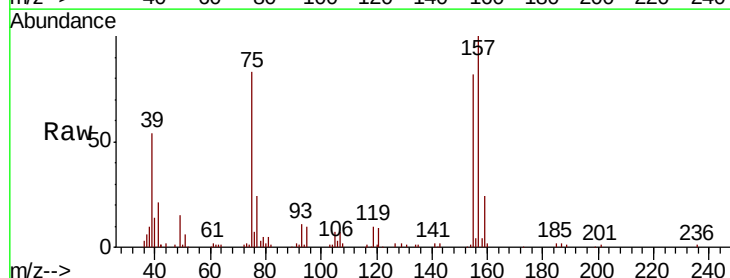
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

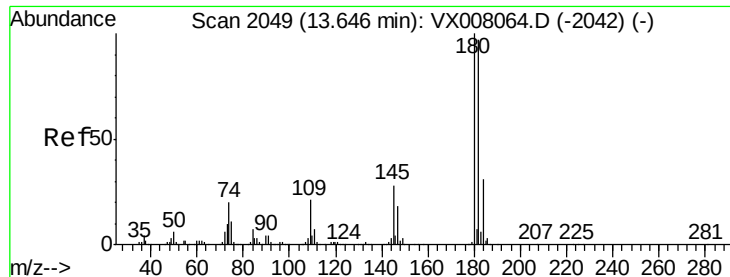
Tgt Ion:146 Resp: 122028
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.819 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion: 75 Resp: 17359
 Ion Ratio Lower Upper
 75 100
 155 100.0 49.7 149.1
 157 126.1 63.8 191.4

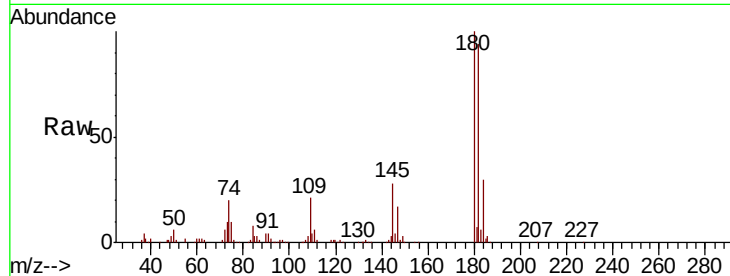




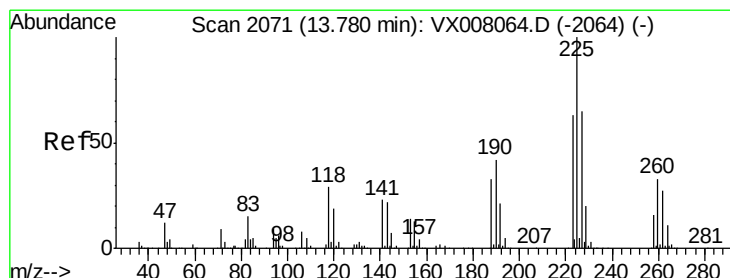
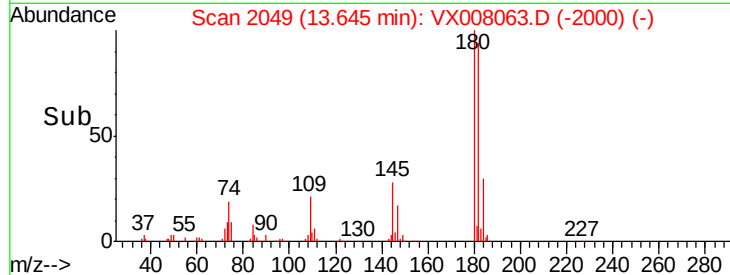
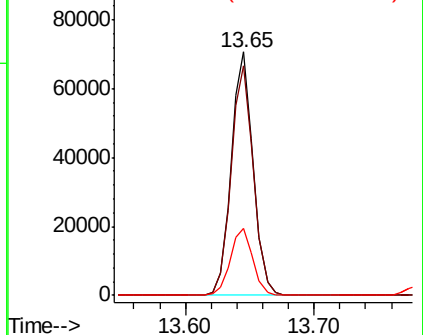
#93
 1,2,4-Trichlorobenzene
 Concen: 18.744 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 83767
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.7
 145 28.2 14.1 42.4

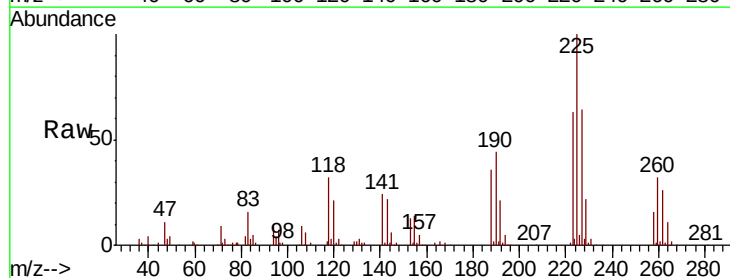


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

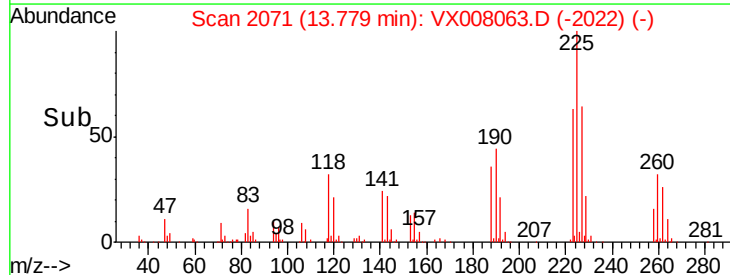
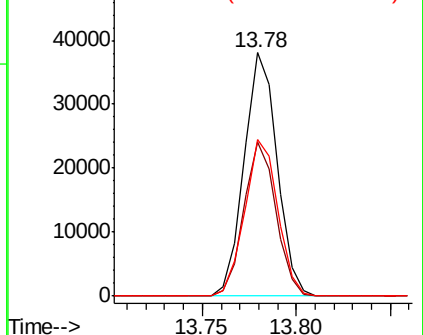


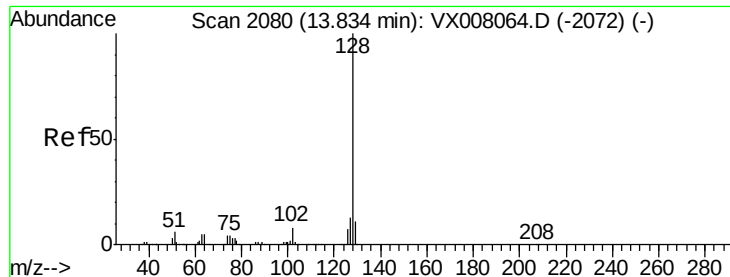
#94
 Hexachlorobutadiene
 Concen: 18.981 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008063.D
 Acq: 14 Mar 2019 10:32

Tgt Ion:225 Resp: 46237
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.1 93.2
 227 64.5 32.0 96.0



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: 18.424 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

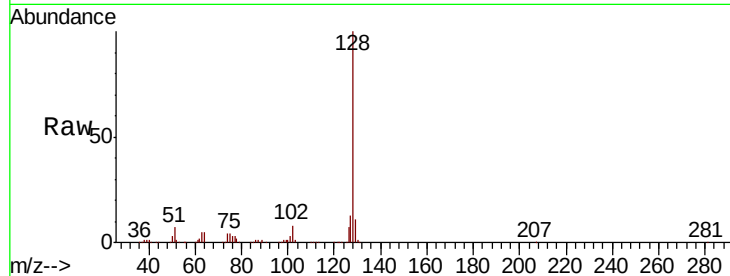
Tgt Ion:128 Resp: 243639

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.7 13.1

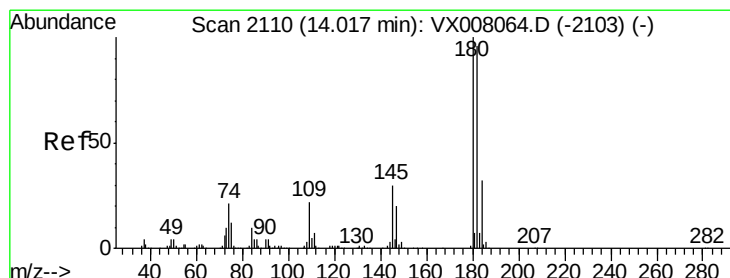
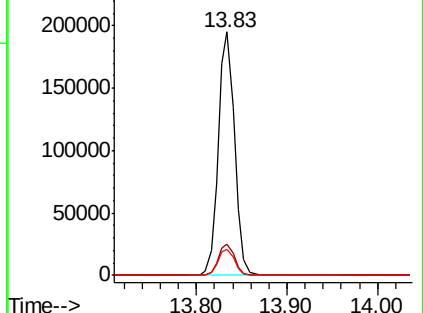
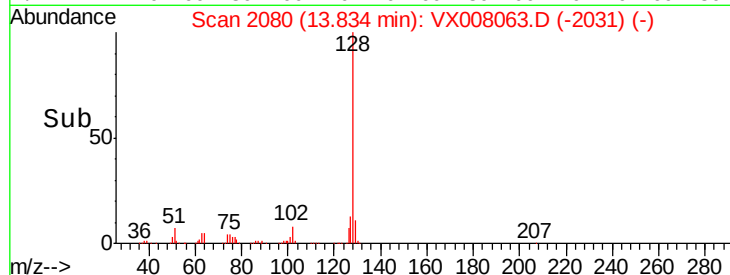


Abundance

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: 18.974 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008063.D

Acq: 14 Mar 2019 10:32

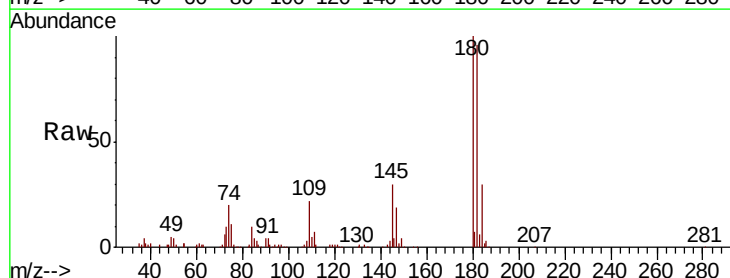
Tgt Ion:180 Resp: 84543

Ion Ratio Lower Upper

180 100

182 97.1 47.5 142.5

145 29.6 14.8 44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

