

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008593.D
 Acq On : 02 Apr 2019 14:00
 Operator : JC/SP
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Quant Time: Apr 03 03:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	33700	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	194635	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	172191	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	83579	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.13	95	88628	29.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.47%
63) Toluene-d8	8.71	98	247982	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	40933	17.763	ug/l 99
3) Chloromethane	1.32	50	56879	18.839	ug/l 96
4) Vinyl Chloride	1.40	62	54184	17.804	ug/l 100
5) Bromomethane	1.64	94	22817	14.470	ug/l 100
6) Chloroethane	1.72	64	32356	16.244	ug/l 94
7) Trichlorofluoromethane	1.93	101	60694	17.968	ug/l 98
8) Diethyl Ether	2.18	74	28528	17.909	ug/l 77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38160	18.140	ug/l 92
10) 1,1-Dichloroethene	2.37	96	39197	18.367	ug/l # 81
11) Methyl Iodide	2.51	142	27409	12.403	ug/l 95
12) Methyl Acetate	3.20	43	32153	18.589	ug/l 91
13) Acrolein	2.29	56	46300	93.308	ug/l 98
14) Acrylonitrile	3.14	53	159193	99.549	ug/l 99
15) Acetone	2.45	58	43386	87.980	ug/l 96
16) Carbon Disulfide	2.57	76	116072	17.484	ug/l 100
17) Allyl chloride	2.73	41	89800	18.723	ug/l 90
18) Methylene Chloride	2.85	84	48226	18.904	ug/l 90
19) trans-1,2-Dichloroethene	3.17	96	41813	18.339	ug/l 91
20) Diisopropyl ether	3.85	45	179199	19.196	ug/l # 87
21) 1,1-Dichloroethane	3.70	63	87839	18.746	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	48648	18.464	ug/l # 79
23) tert-Butyl Alcohol	3.04	59	62285	96.455	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	146250	18.647	ug/l 99
25) Chloroform	5.21	83	79624	18.759	ug/l 98
26) Cyclohexane	5.57	56	83388	18.318	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	60791	18.565	ug/l 93
30) 2-Butanone	4.67	43	234944	97.574	ug/l 93
31) 2,2-Dichloropropane	4.58	77	58180	17.790	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	63034	18.538	ug/l # 94
33) Carbon Tetrachloride	5.79	117	51096	17.960	ug/l 95
34) Benzene	6.14	78	190604	19.043	ug/l # 95
35) Methacrylonitrile	5.04	41	47953	19.583	ug/l 92
36) 1,2-Dichloroethane	6.19	62	67937	19.037	ug/l 97
37) Trichloroethene	7.21	130	42367	18.405	ug/l 81
38) Methylcyclohexane	7.46	83	73092	17.715	ug/l 87
39) 1,2-Dichloropropane	7.51	63	53806	18.953	ug/l 99
40) Dibromomethane	7.66	93	30863	18.766	ug/l 89

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0402WBSD01

Quant Time: Apr 03 03:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	59057	18.263	ug/l	99
42) Vinyl Acetate	3.81	43	790310	96.823	ug/l #	93
43) Ethyl Acetate	4.83	43	87724	20.242	ug/l #	82
44) Isopropyl Acetate	6.45	43	133053	18.987	ug/l	97
45) 1,4-Dioxane	7.74	88	27511	394.365	ug/l #	84
46) Methyl methacrylate	7.77	41	67820	19.055	ug/l	87
47) n-amyl Acetate	10.90	43	118942	18.685	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	64317	17.609	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	74257	18.176	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	45389	18.587	ug/l	97
51) Ethyl methacrylate	9.18	69	82938	18.251	ug/l	92
52) 1,3-Dichloropropane	9.37	76	82111	18.900	ug/l	100
53) Dibromochloromethane	9.58	129	41948	17.456	ug/l	98
54) 1,2-Dibromoethane	9.67	107	46983	18.664	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	217131	94.713	ug/l	95
56) Bromoform	10.85	173	30074	17.173	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	454255	99.997	ug/l #	95
59) 2-Hexanone	9.49	43	352137	98.117	ug/l	97
61) Tetrachloroethene	9.34	164	36736	19.504	ug/l	98
62) Toluene	8.78	91	197972	18.990	ug/l	99
64) Chlorobenzene	10.14	112	115262	18.868	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	39393	18.290	ug/l	97
66) Ethyl Benzene	10.25	91	216120	18.676	ug/l	95
67) m/p-Xylenes	10.36	106	155545	36.853	ug/l	91
68) o-Xylene	10.69	106	77278	18.710	ug/l	93
69) Styrene	10.71	104	131367	18.279	ug/l	96
70) Isopropylbenzene	11.02	105	202669	18.602	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	77835	19.124	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	89332	25.966	ug/l	89
73) Bromobenzene	11.26	156	47795	18.439	ug/l	78
74) n-propylbenzene	11.36	91	235150	18.117	ug/l	94
75) 2-Chlorotoluene	11.42	91	142357	18.435	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	169242	18.169	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	22770	17.255	ug/l	98
78) 4-Chlorotoluene	11.51	91	158537	17.839	ug/l	91
79) tert-butylbenzene	12.06	119	170788	17.942	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	168094	18.099	ug/l	95
81) sec-Butylbenzene	11.94	105	192049	18.045	ug/l	95
82) p-Isopropyltoluene	12.06	119	170788	17.942	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	82731	17.978	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	82095	17.852	ug/l	97
85) n-Butylbenzene	12.38	91	153559	16.978	ug/l	96
86) Hexachloroethane	12.60	117	27978	17.591	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	84655	18.257	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17233	19.103	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	55914	17.482	ug/l	98
90) Hexachlorobutadiene	13.78	225	27613	17.920	ug/l	99
91) Naphthalene	13.83	128	199748	18.228	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	59344	18.419	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Quant Time: Apr 03 03:31:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

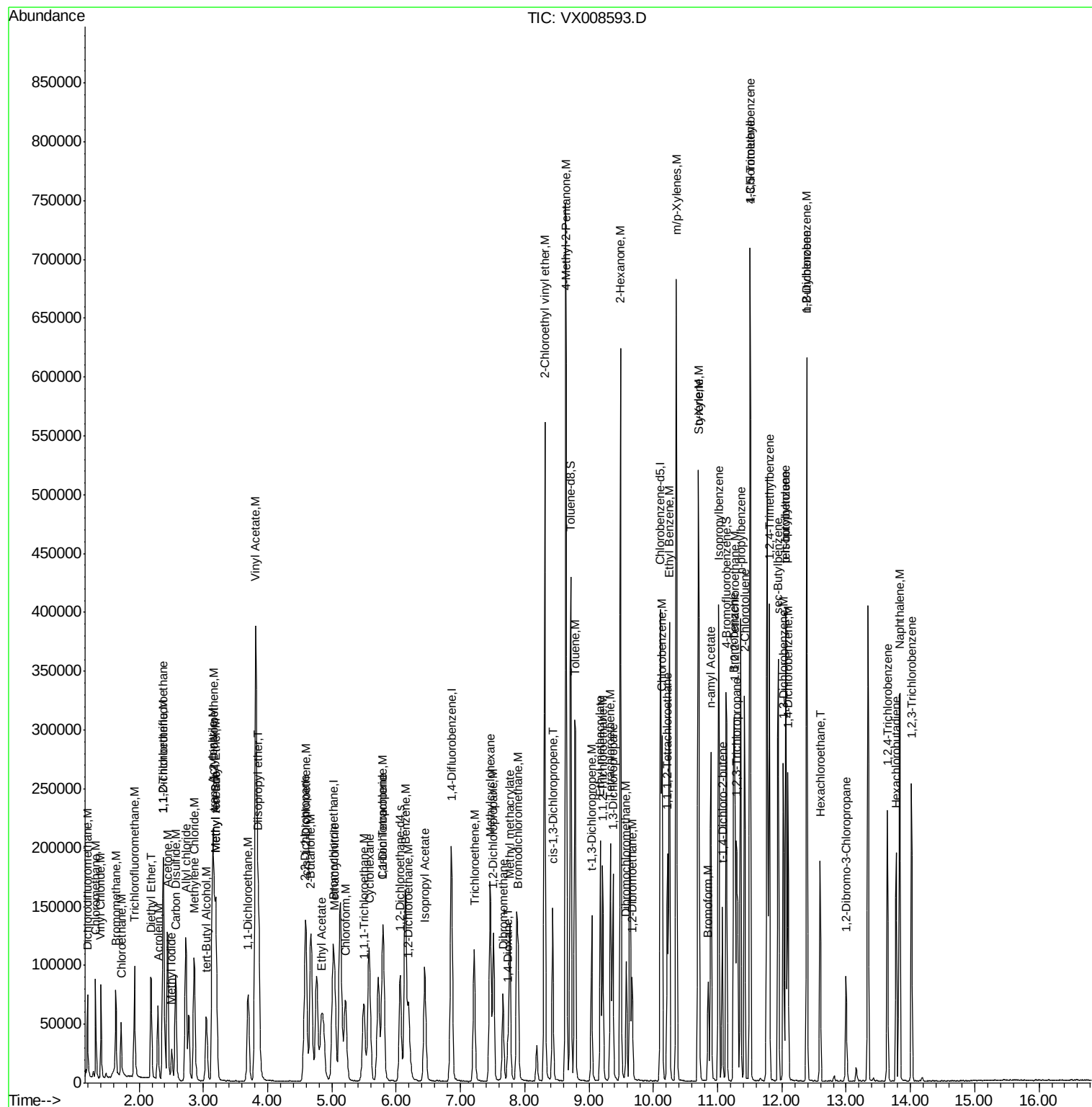
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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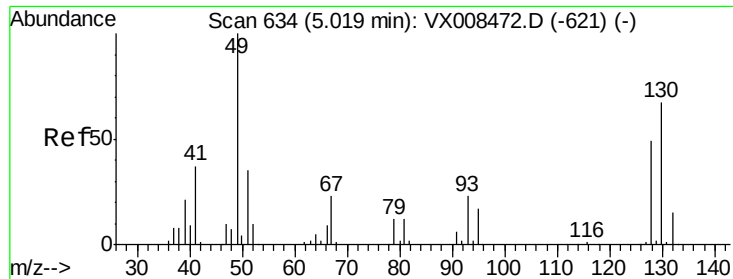
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040219\
Data File : VX008593.D
Acq On : 02 Apr 2019 14:00
Operator : JC/SP
Sample : VX0402WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Quant Time: Apr 03 03:31:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

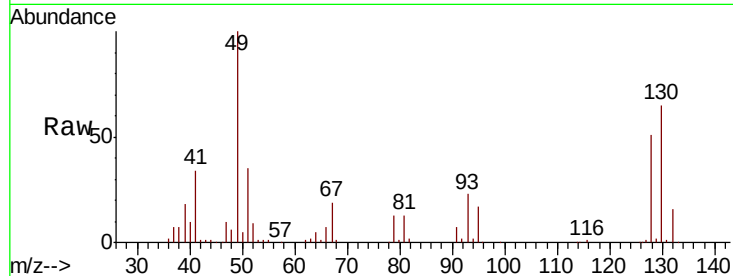
Tot Ion:128 Resp: 33700

Ion Ratio Lower Upper

128 100

49 207.8 0.0 350.8

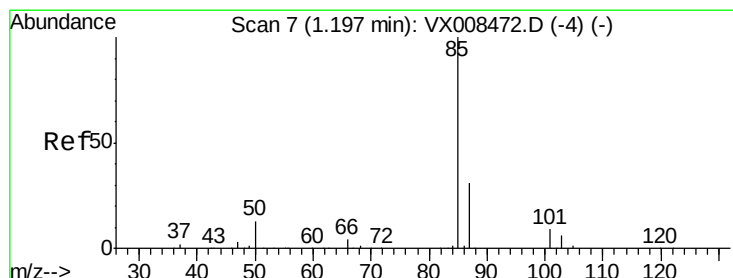
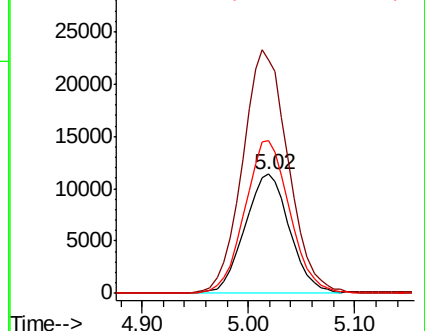
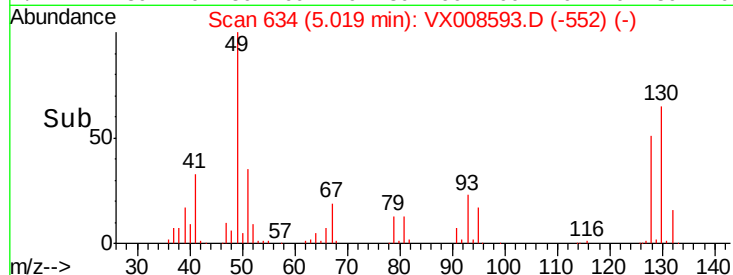
130 128.1 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.763 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008593.D

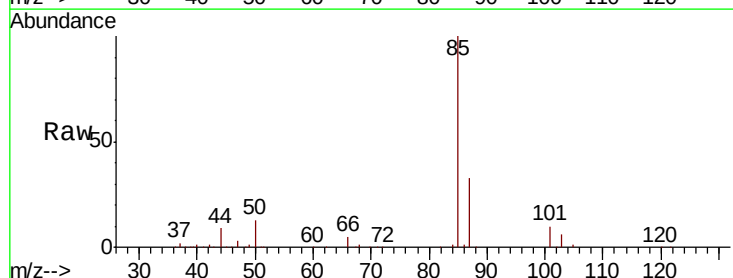
Acq: 02 Apr 2019 14:00

Tgt Ion: 85 Resp: 40933

Ion Ratio Lower Upper

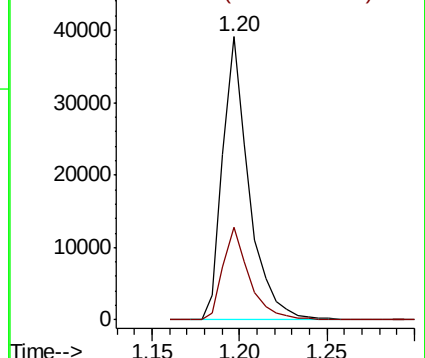
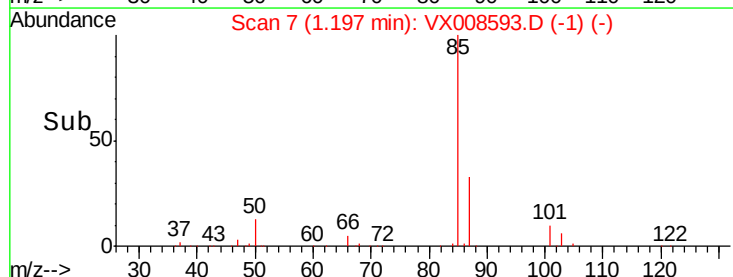
85 100

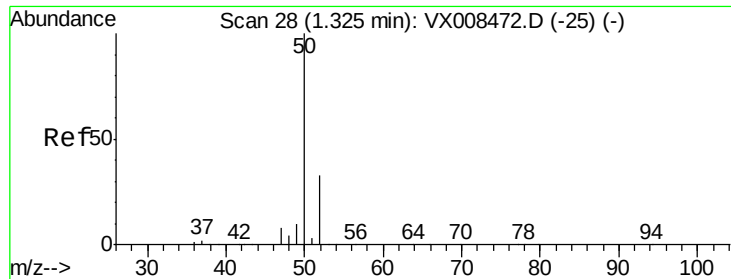
87 32.7 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.839 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

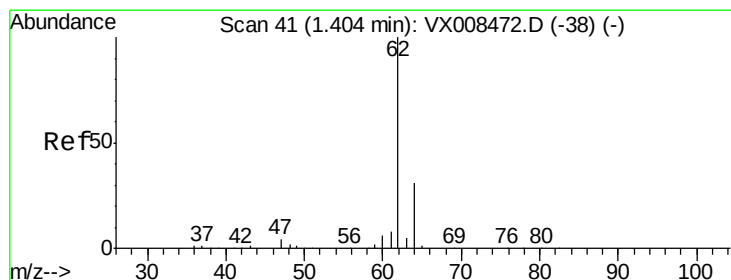
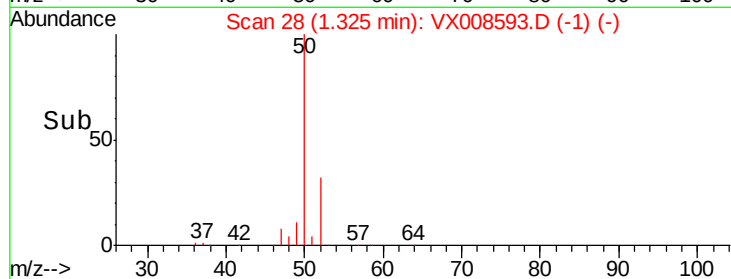
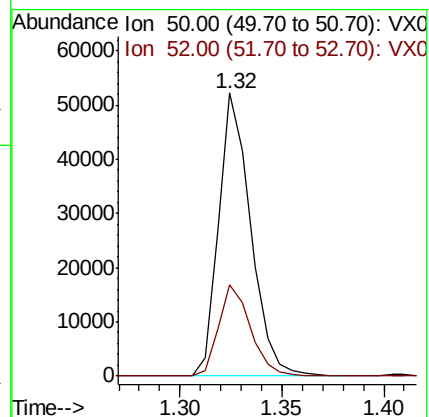
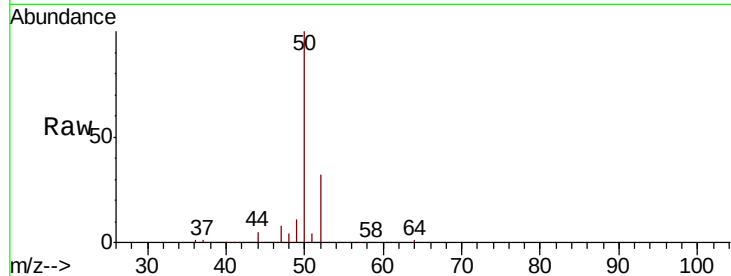
VX0402WBSD01

Tot Ion: 50 Resp: 56879

Ion Ratio Lower Upper

50 100

52 32.1 27.5 41.3



#4

Vinyl Chloride

Concen: 17.804 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008593.D

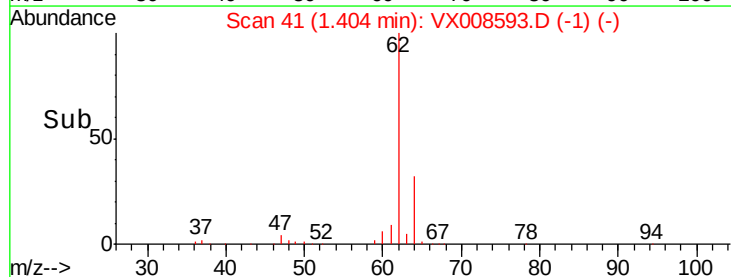
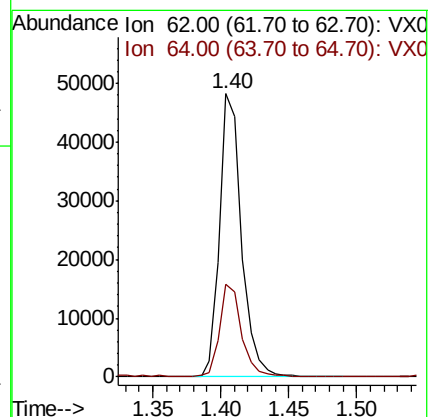
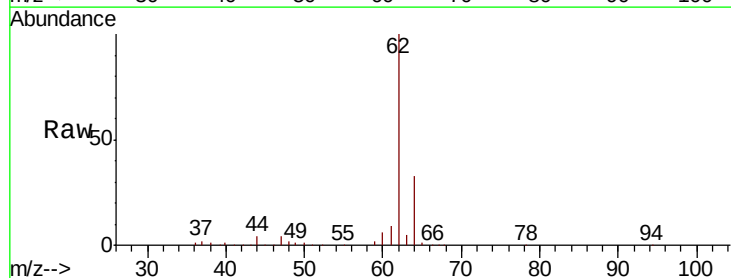
Acq: 02 Apr 2019 14:00

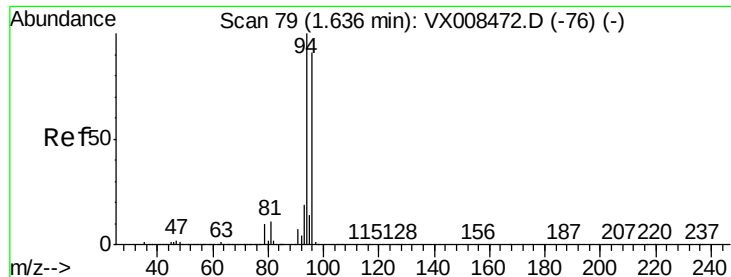
Tgt Ion: 62 Resp: 54184

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 14.470 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

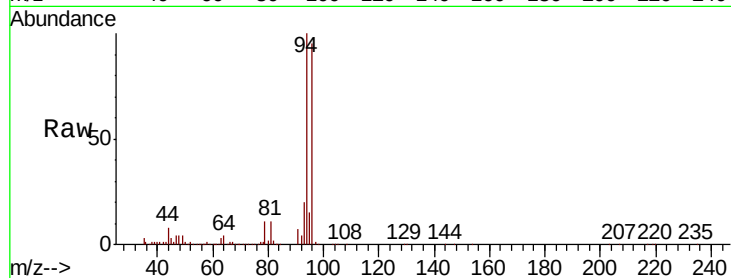
VX0402WBSD01

Tot Ion: 94 Resp: 22817

Ion Ratio Lower Upper

94 100

96 94.9 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

25000

20000

15000

10000

5000

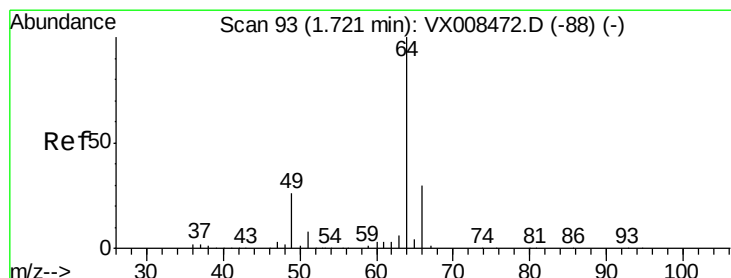
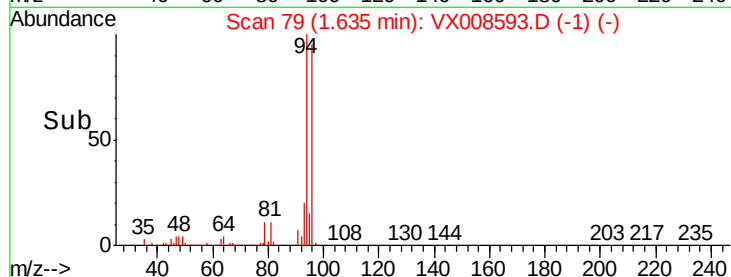
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 16.244 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008593.D

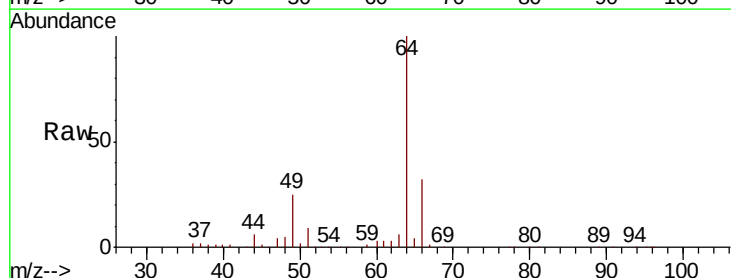
Acq: 02 Apr 2019 14:00

Tgt Ion: 64 Resp: 32356

Ion Ratio Lower Upper

64 100

66 33.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

25000

20000

15000

10000

5000

0

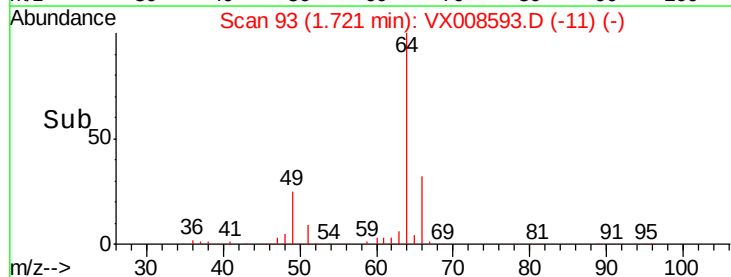
1.65

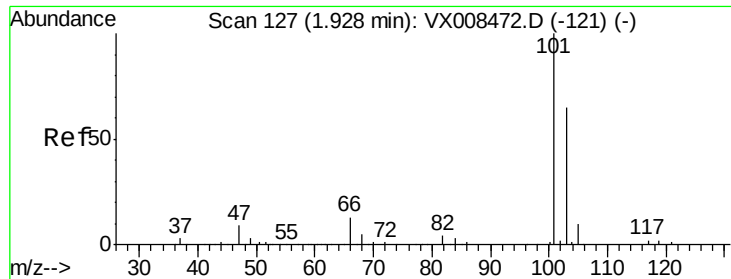
1.70

1.75

1.80

Time-->



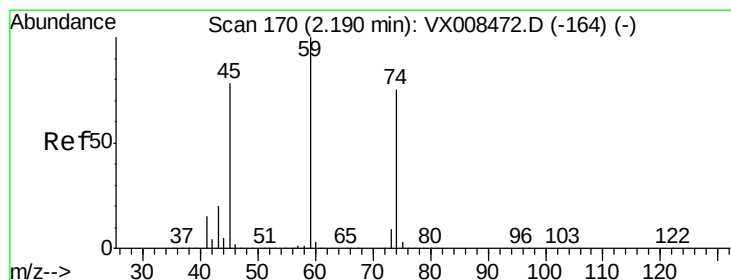
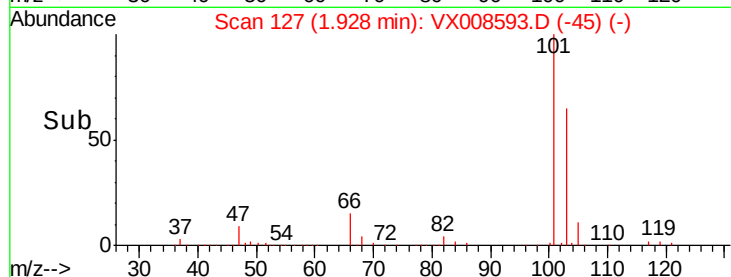
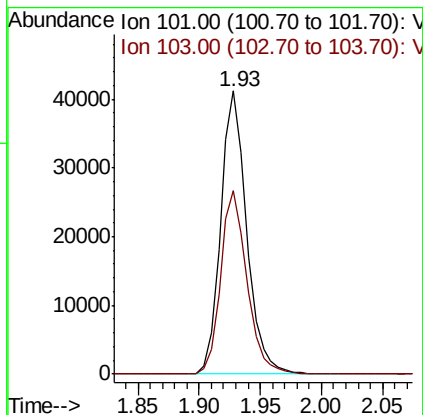
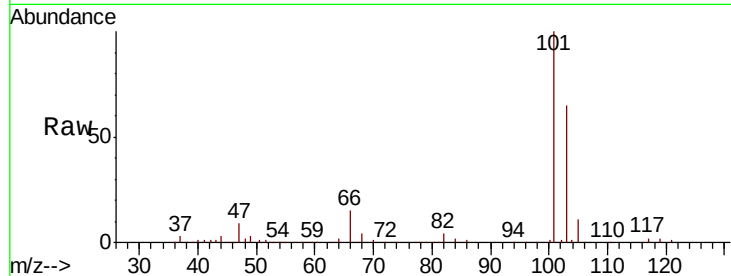


#7

Trichlorofluoromethane
 Concen: 17.968 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

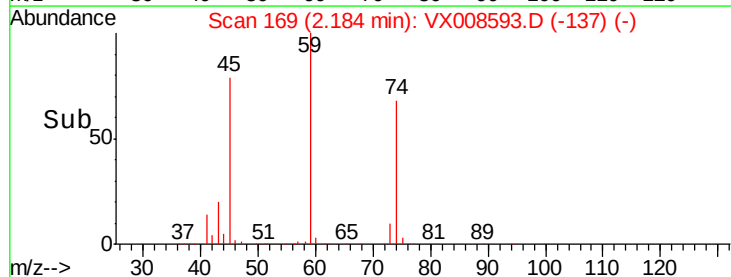
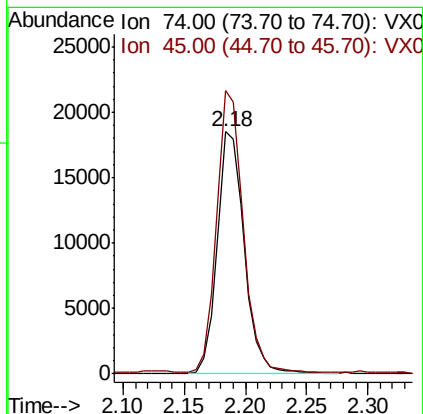
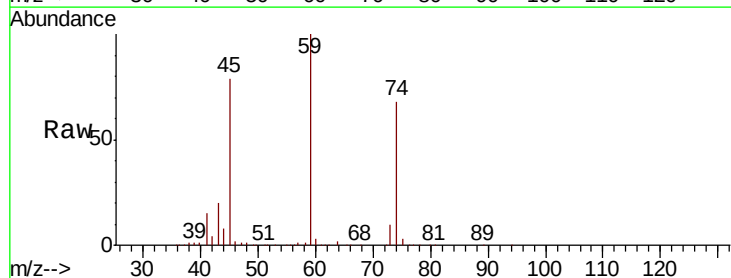
Tot Ion:101 Resp: 60694
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.4 75.6

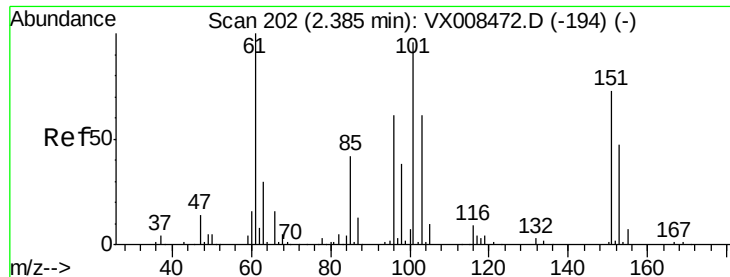


#8

Diethyl Ether
 Concen: 17.909 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 74 Resp: 28528
 Ion Ratio Lower Upper
 74 100
 45 115.1 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.140 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

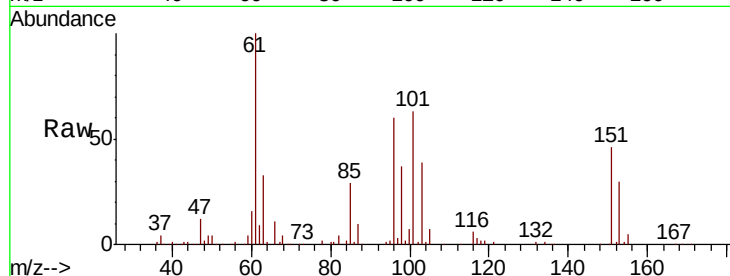
Tot Ion:101 Resp: 38160

Ion Ratio Lower Upper

101 100

85 44.7 0.0 86.8

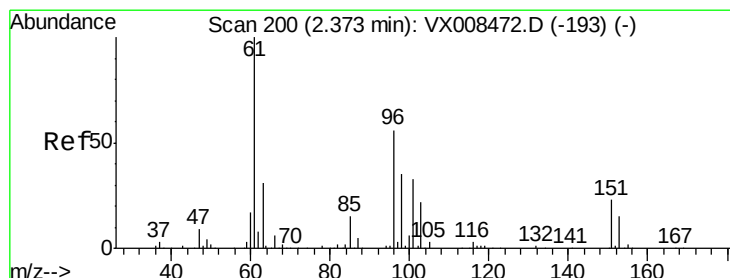
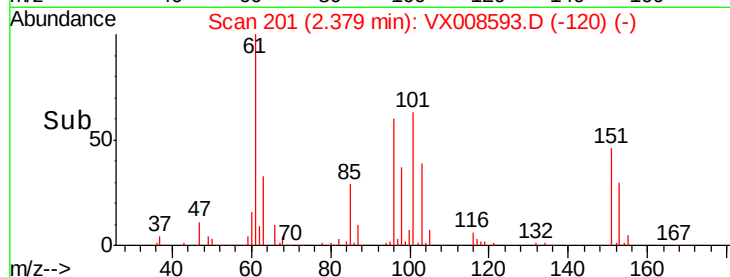
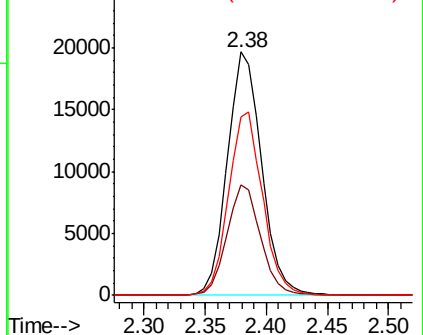
151 74.4 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.367 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

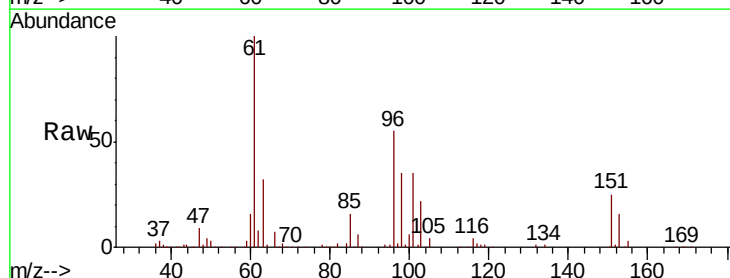
Tgt Ion: 96 Resp: 39197

Ion Ratio Lower Upper

96 100

61 182.6 120.2 180.2#

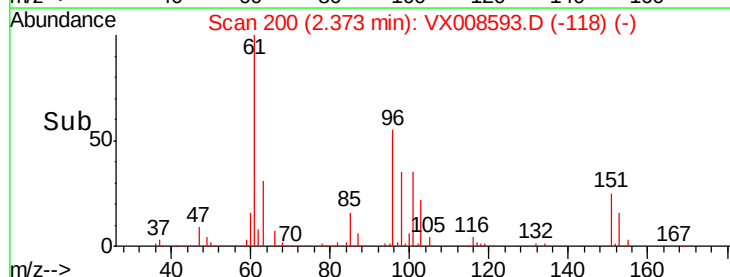
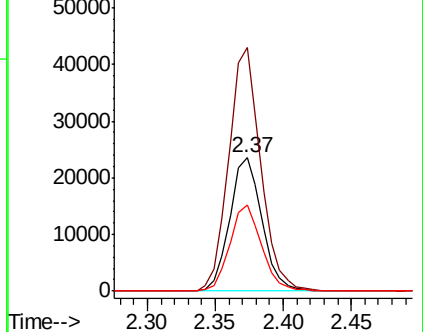
98 64.6 49.0 73.4

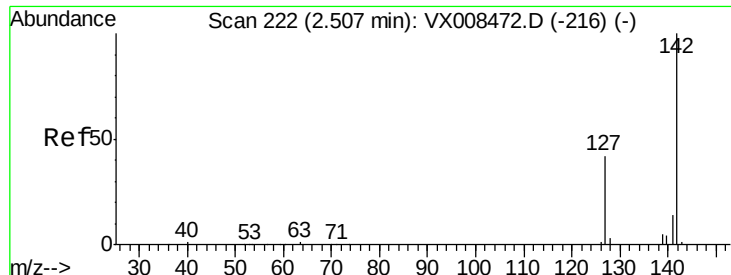


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

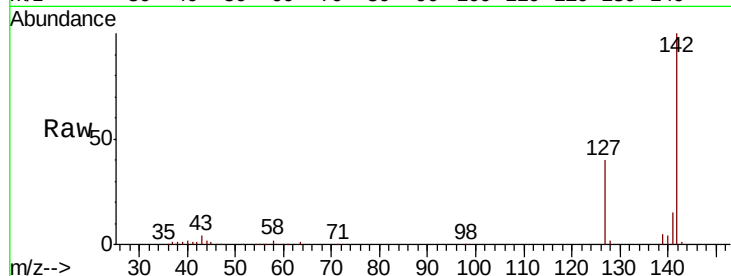




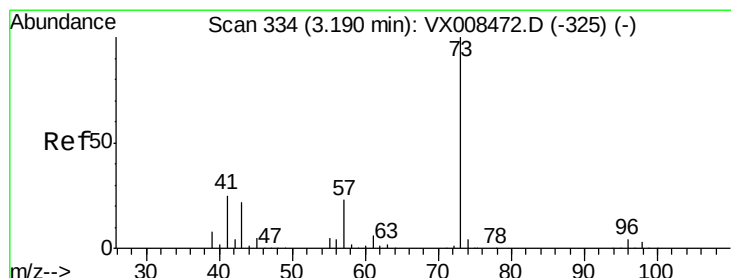
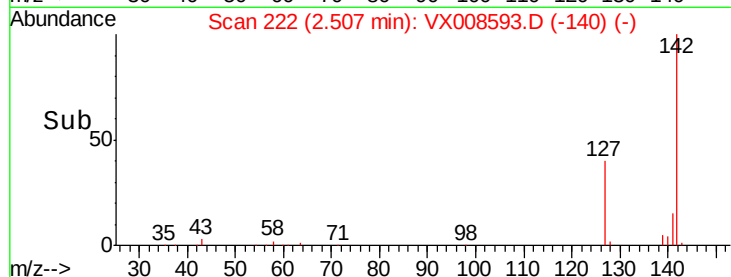
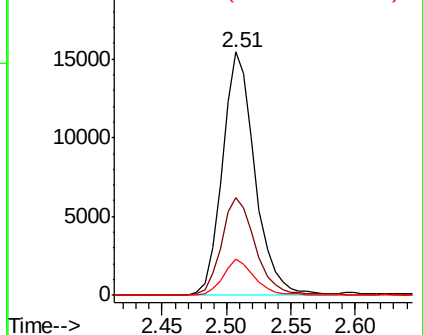
#11
Methyl Iodide
Concen: 12.403 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion:142 Resp: 27409
Ion Ratio Lower Upper
142 100
127 40.1 22.1 66.5
141 14.9 7.4 22.3

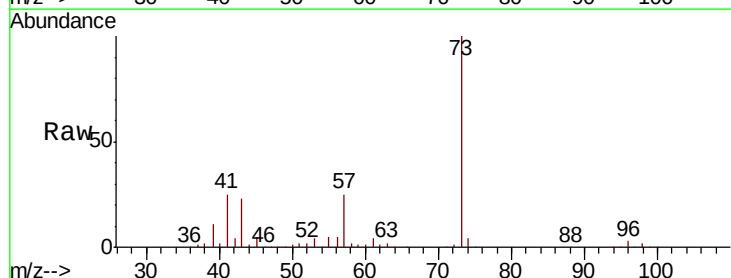


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

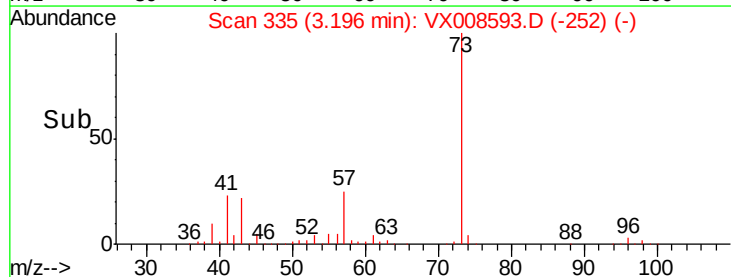
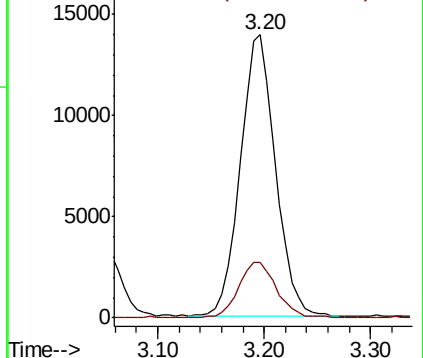


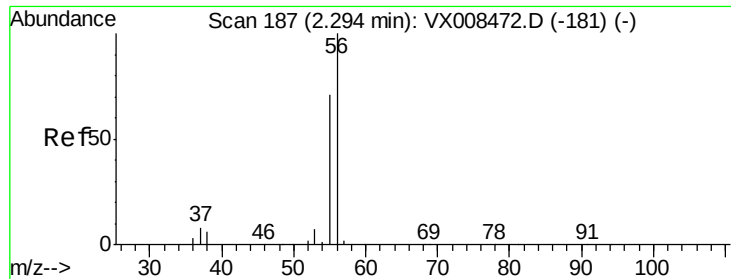
#12
Methyl Acetate
Concen: 18.589 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 43 Resp: 32153
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 93.308 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

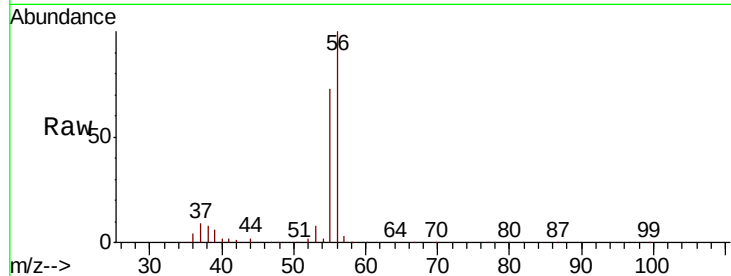
VX0402WBSD01

Tot Ion: 56 Resp: 46300

Ion Ratio Lower Upper

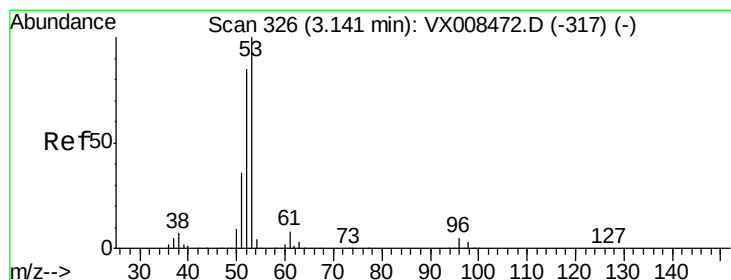
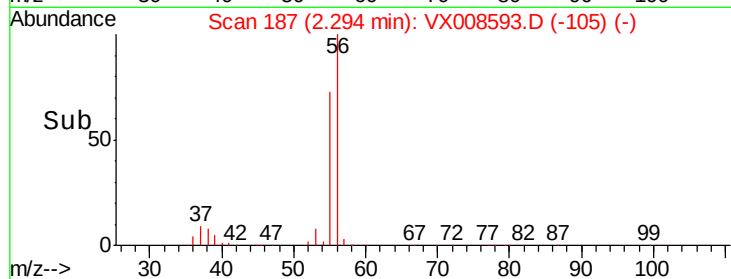
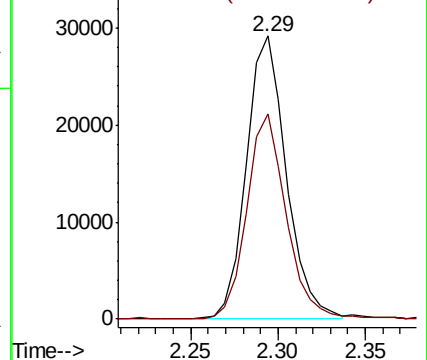
56 100

55 71.3 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 99.549 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

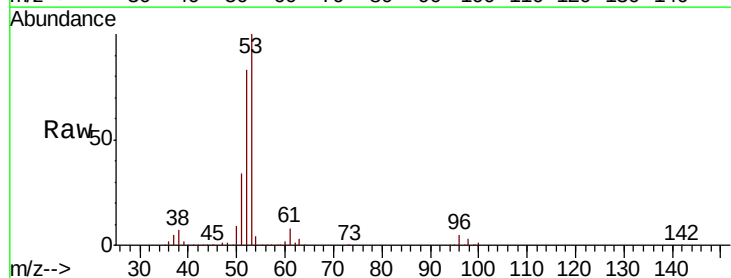
Tgt Ion: 53 Resp: 159193

Ion Ratio Lower Upper

53 100

52 82.3 41.3 124.1

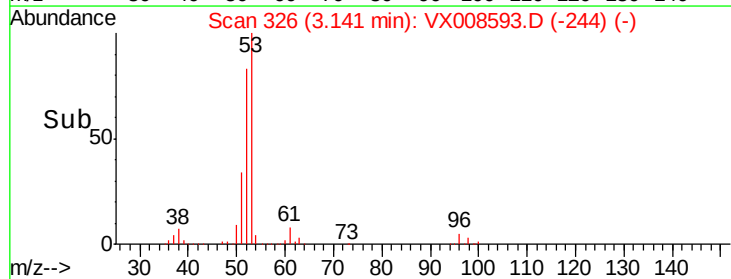
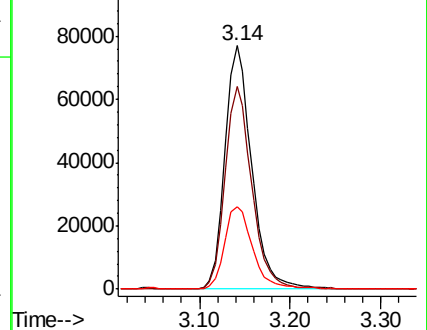
51 35.6 17.5 52.6

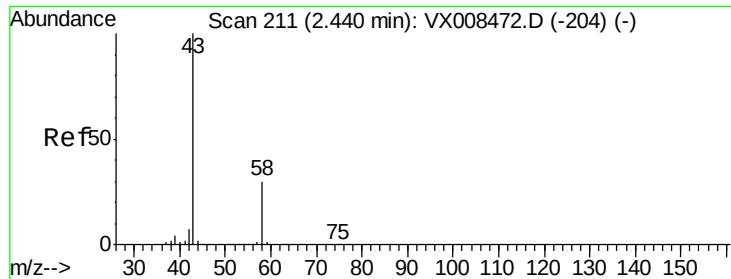


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 87.980 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

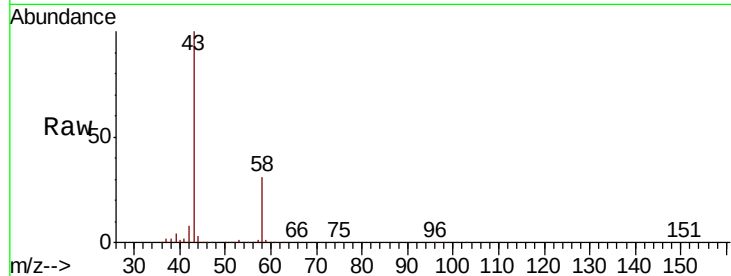
VX0402WBSD01

Tot Ion: 58 Resp: 43386

Ion Ratio Lower Upper

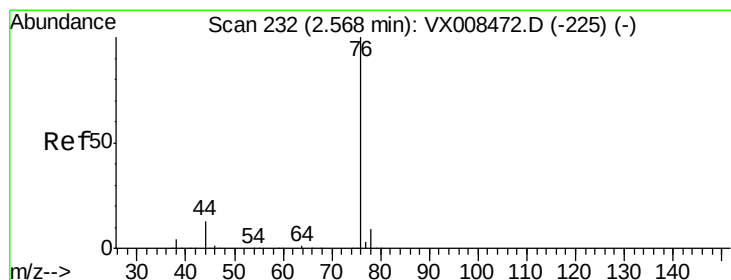
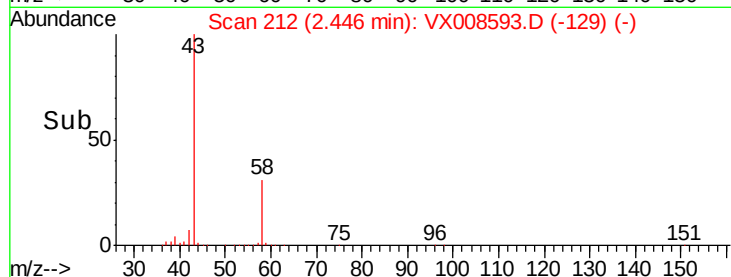
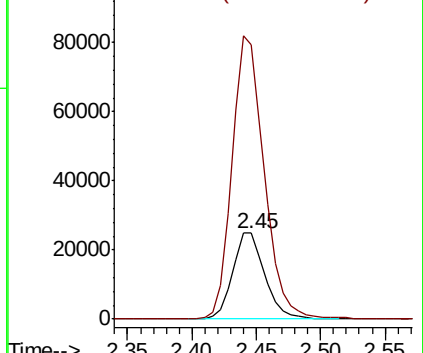
58 100

43 319.3 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.484 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008593.D

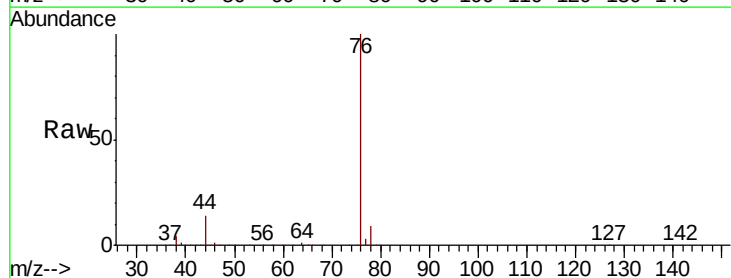
Acq: 02 Apr 2019 14:00

Tgt Ion: 76 Resp: 116072

Ion Ratio Lower Upper

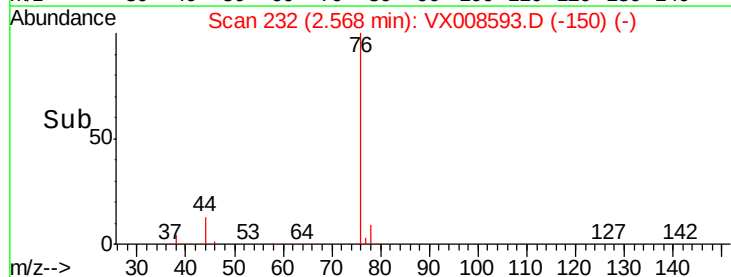
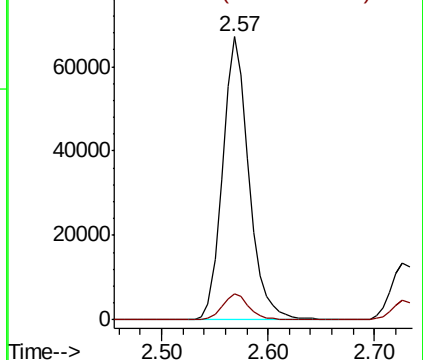
76 100

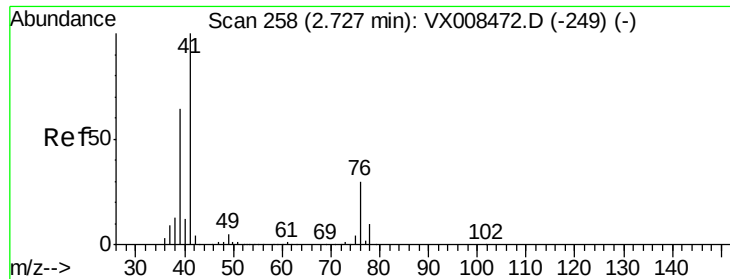
78 9.4 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

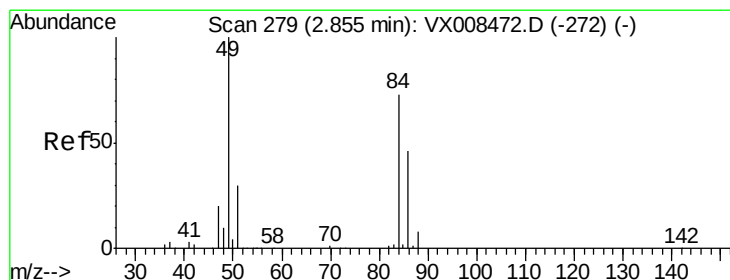
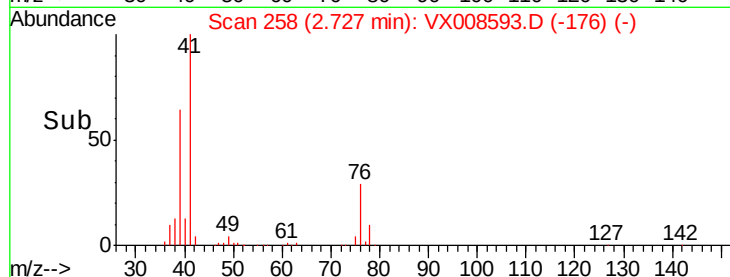
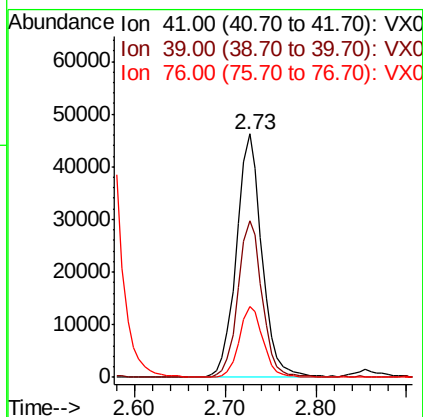
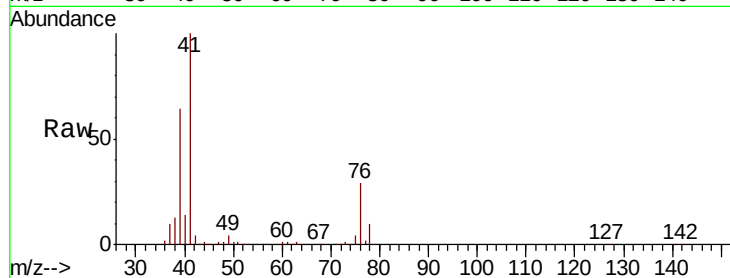




#17
Allvl chloride
Concen: 18.723 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

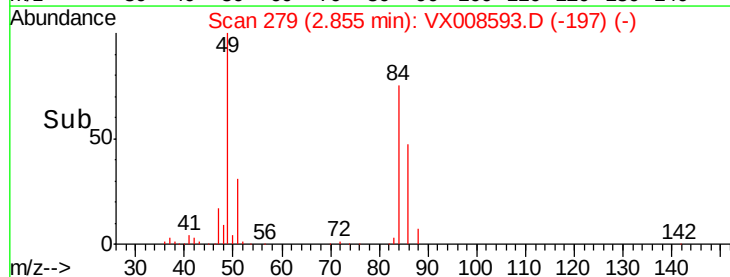
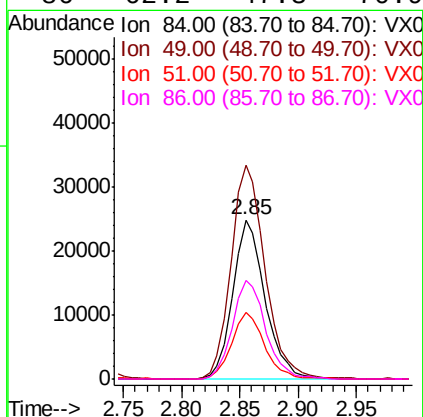
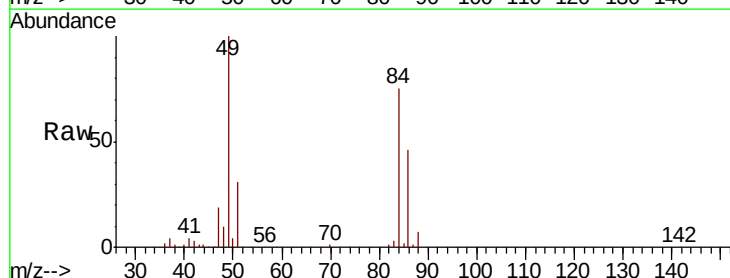
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

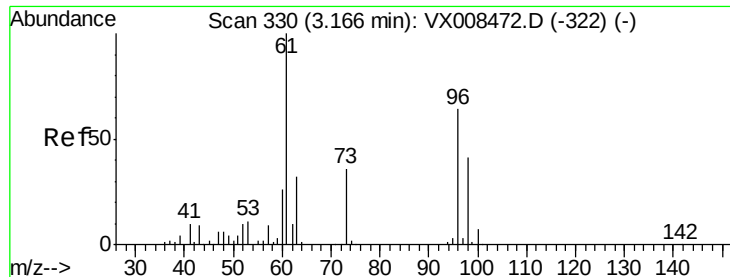
Tot Ion: 41 Resp: 89800
Ion Ratio Lower Upper
41 100
39 64.2 35.8 107.4
76 29.4 18.3 54.9



#18
Methylene Chloride
Concen: 18.904 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 84 Resp: 48226
Ion Ratio Lower Upper
84 100
49 134.1 96.1 144.1
51 41.8 29.1 43.7
86 62.2 47.3 70.9

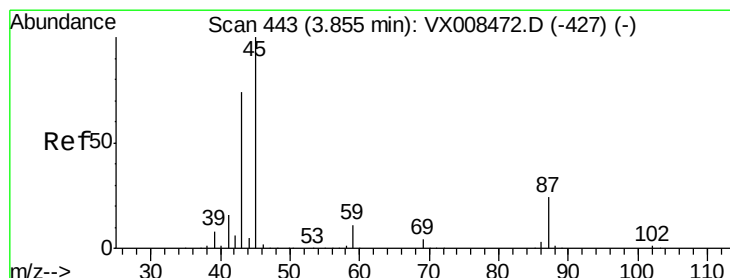
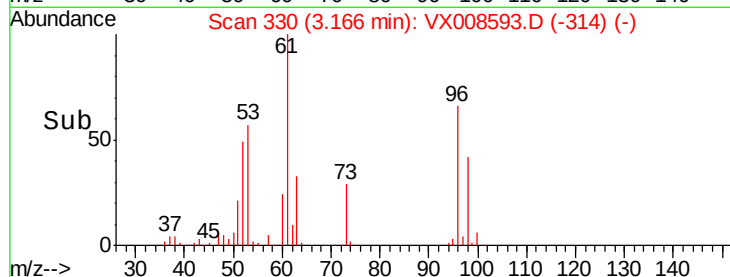
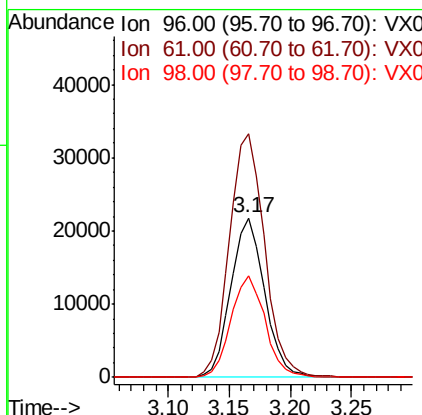
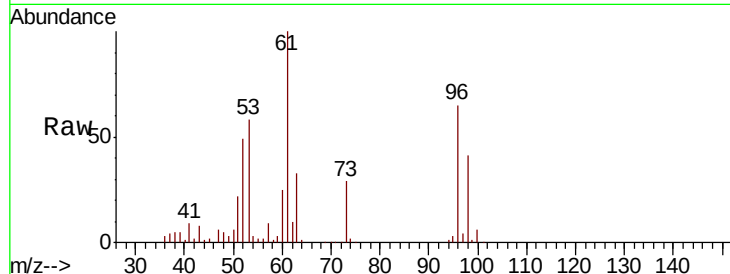




#19
trans-1,2-Dichloroethene
Concen: 18.339 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

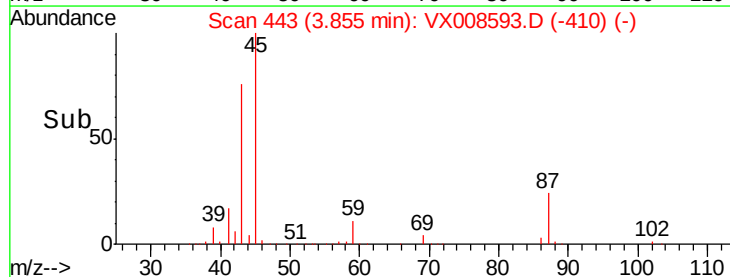
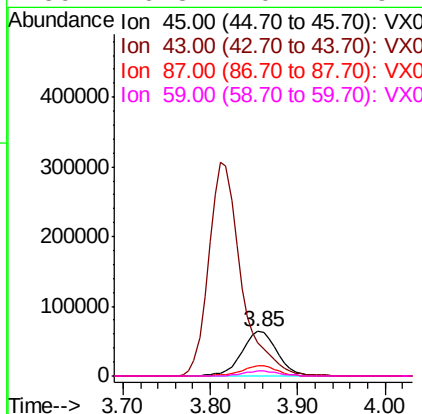
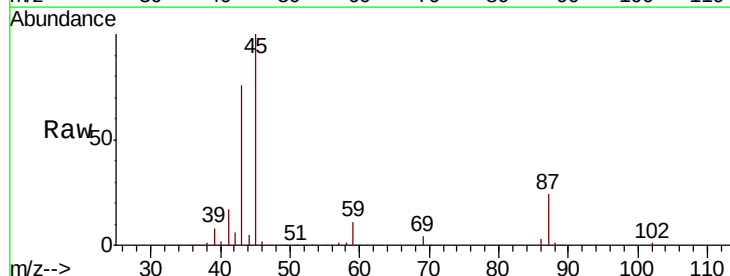
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

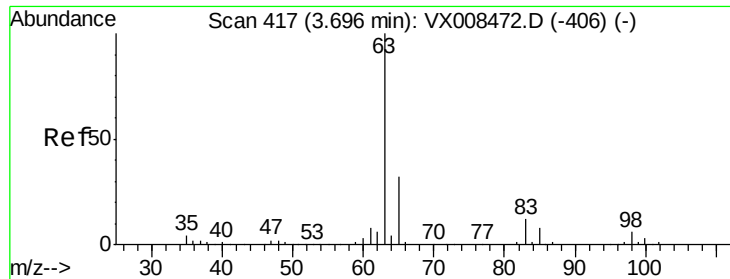
Tot Ion: 96 Resp: 41813
Ion Ratio Lower Upper
96 100
61 152.6 109.9 164.9
98 63.4 50.4 75.6



#20
Diisopropyl ether
Concen: 19.196 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 45 Resp: 179199
Ion Ratio Lower Upper
45 100
43 75.4 50.6 76.0
87 23.6 24.5 36.7#
59 10.8 10.2 15.2





#21

1,1-Dichloroethane

Concen: 18.746 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

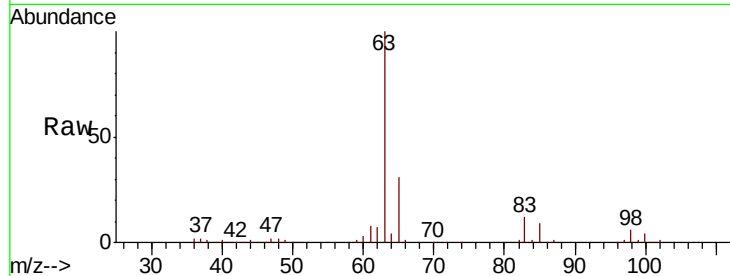
Tot Ion: 63 Resp: 87839

Ion Ratio Lower Upper

63 100

98 5.9 3.8 11.4

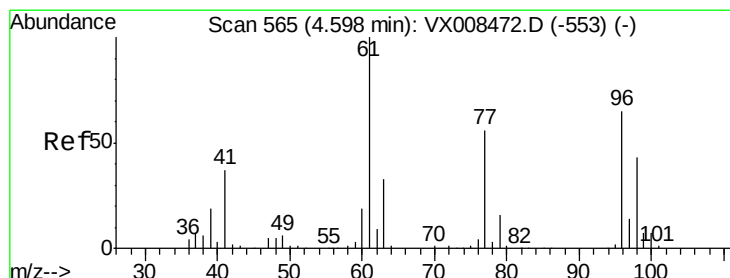
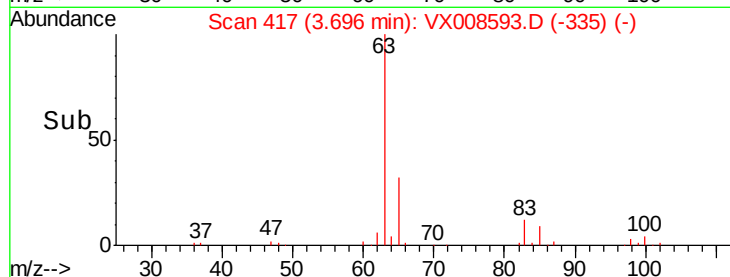
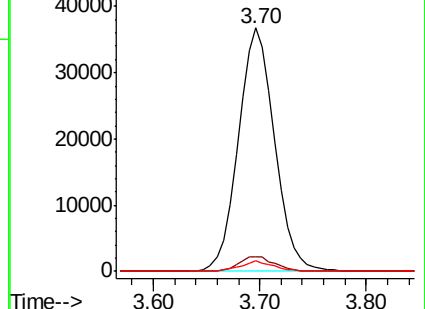
100 4.3 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.464 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

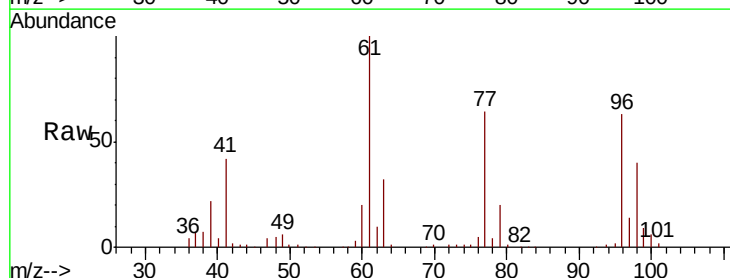
Tgt Ion: 96 Resp: 48648

Ion Ratio Lower Upper

96 100

61 164.4 103.5 155.3#

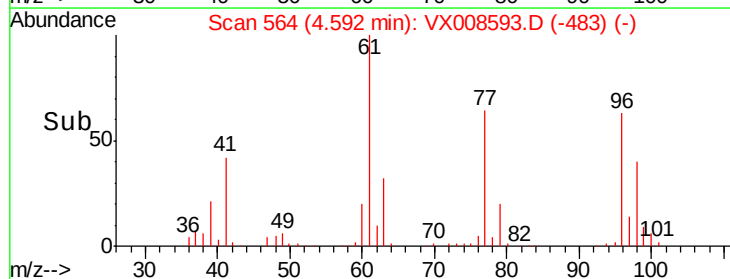
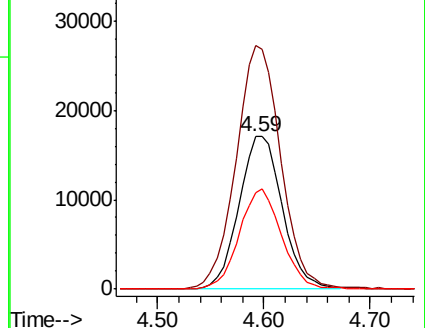
98 63.9 52.1 78.1

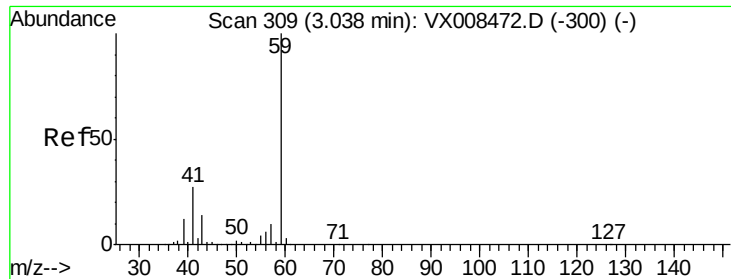


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



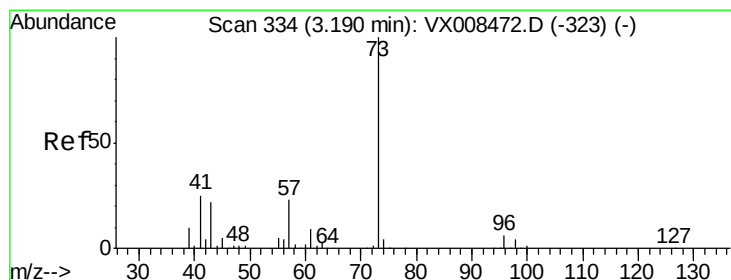
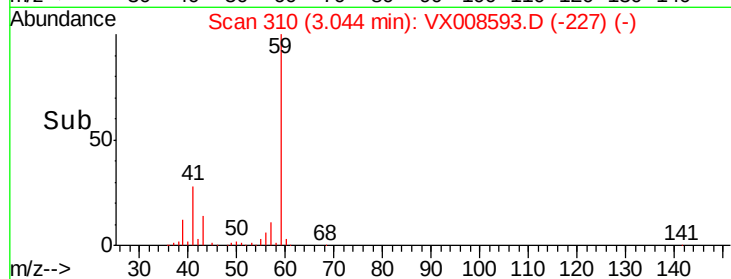
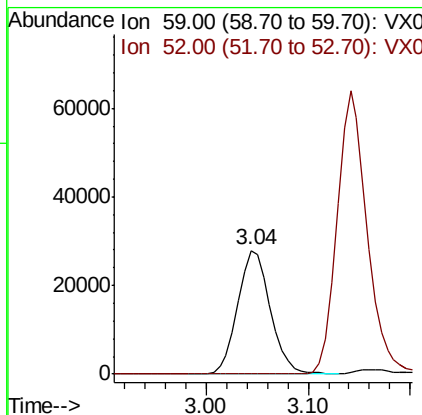
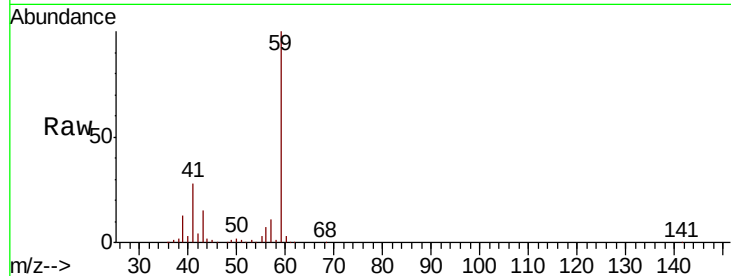


#23

tert-Butyl Alcohol
 Concen: 96.455 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

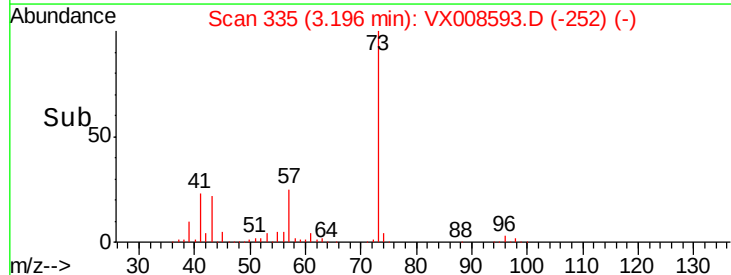
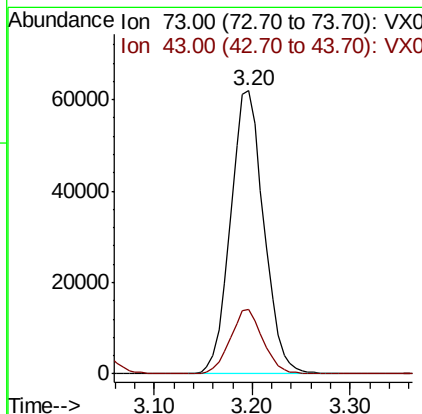
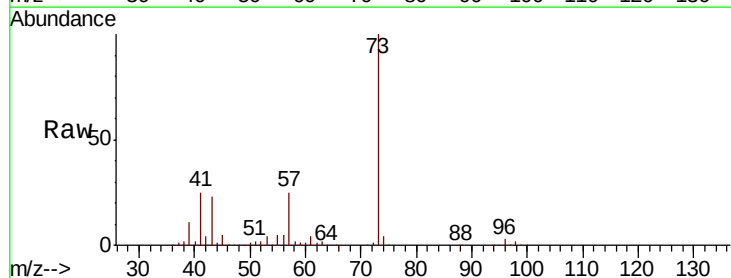
Tot Ion: 59 Resp: 62285
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.2#

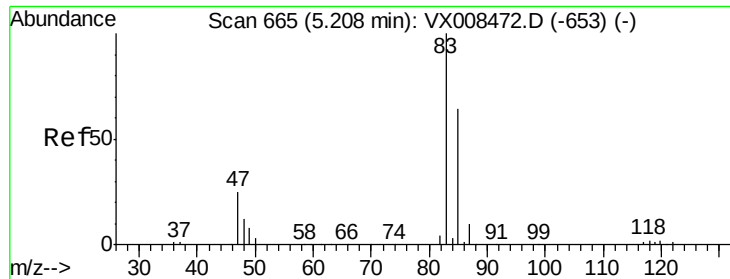


#24

Methyl tert-Butyl Ether
 Concen: 18.647 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 73 Resp: 146250
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.1 25.7





#25

Chloroform

Concen: 18.759 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

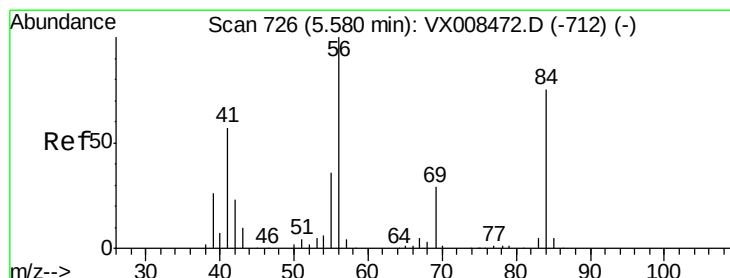
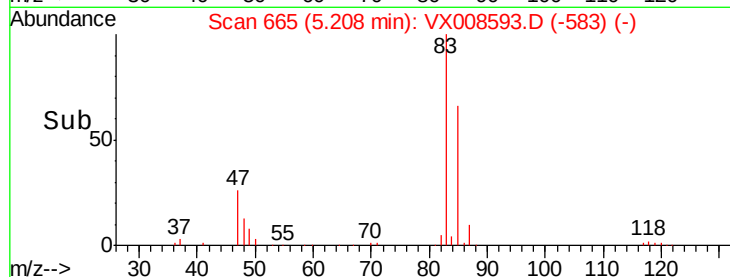
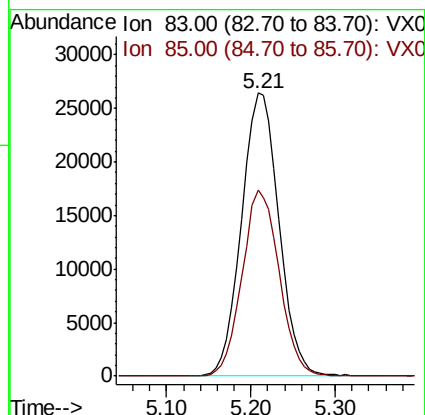
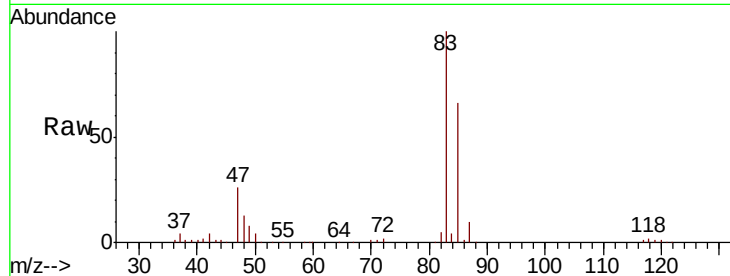
VX0402WBSD01

Tot Ion: 83 Resp: 79624

Ion Ratio Lower Upper

83 100

85 65.7 53.8 80.6



#26

Cyclohexane

Concen: 18.318 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

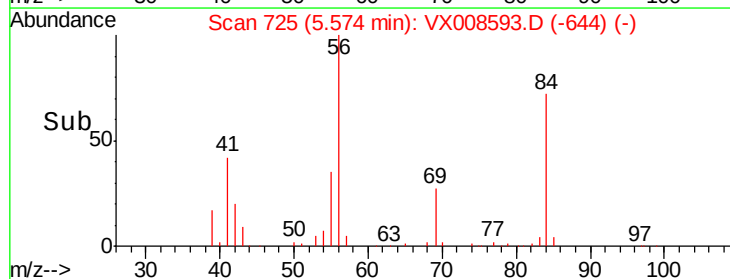
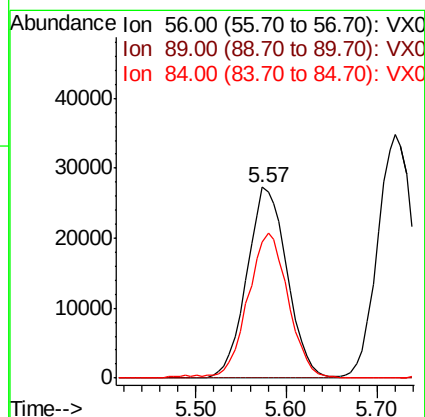
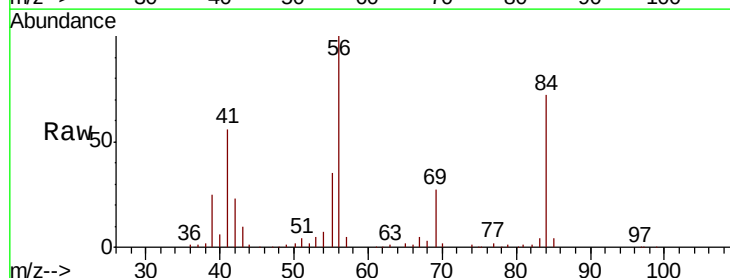
Tgt Ion: 56 Resp: 83388

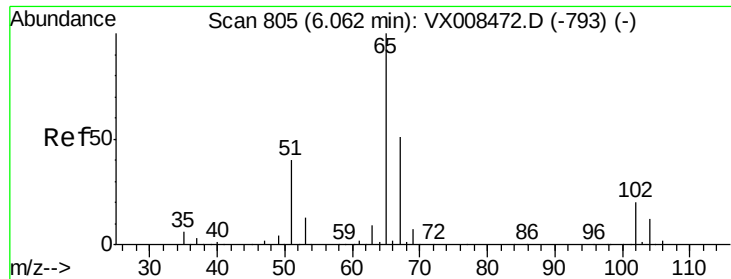
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 75.8 73.9 110.9

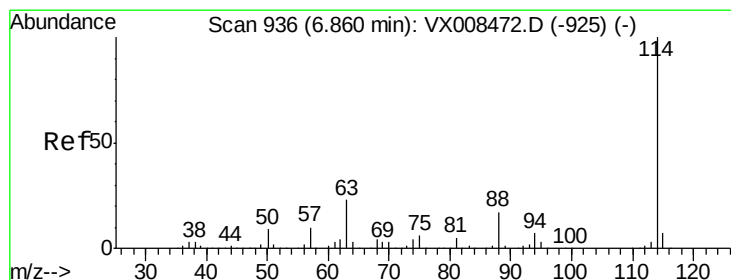
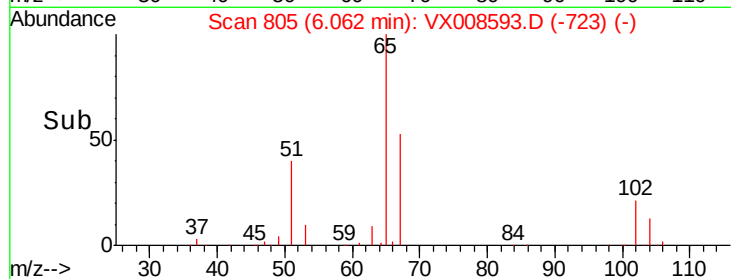
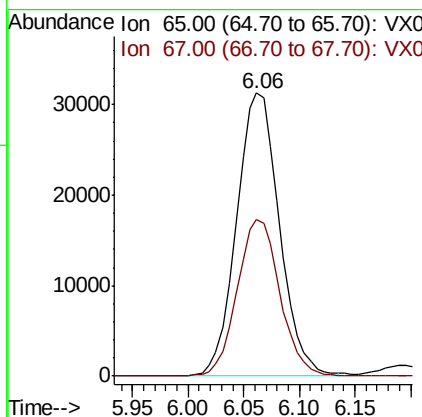
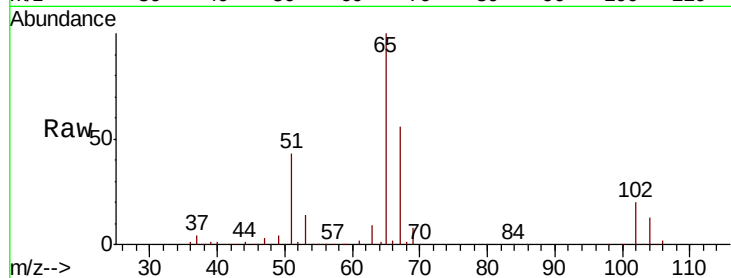




#27
 1,2-Dichloroethane-d4
 Concen: 29.647 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

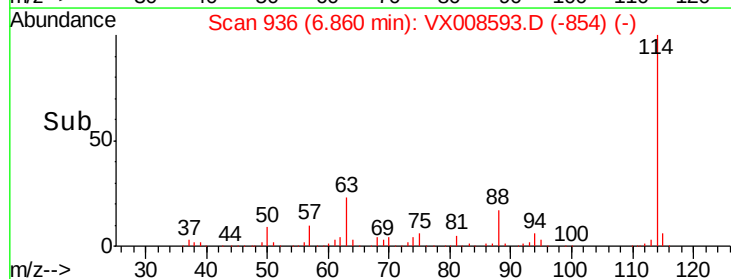
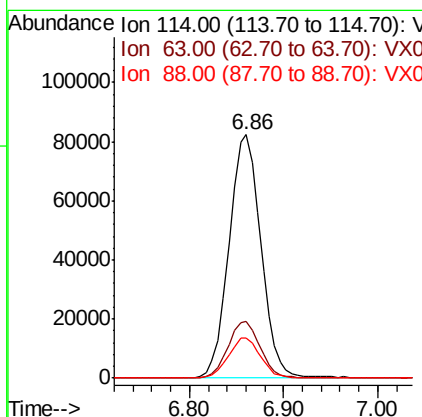
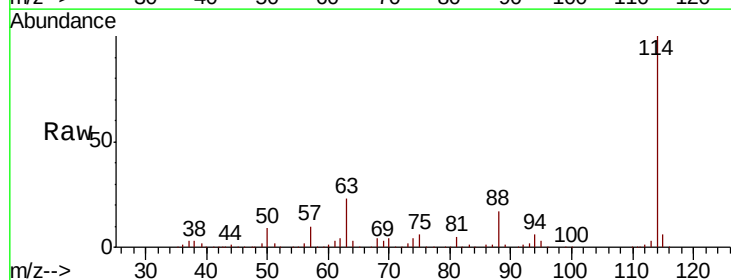
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

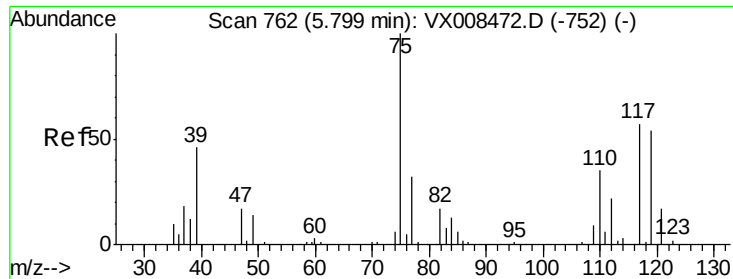
Tot Ion: 65 Resp: 83579
 Ion Ratio Lower Upper
 65 100
 67 55.1 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 114 Resp: 194635
 Ion Ratio Lower Upper
 114 100
 63 23.4 14.2 21.4#
 88 16.7 11.9 17.9

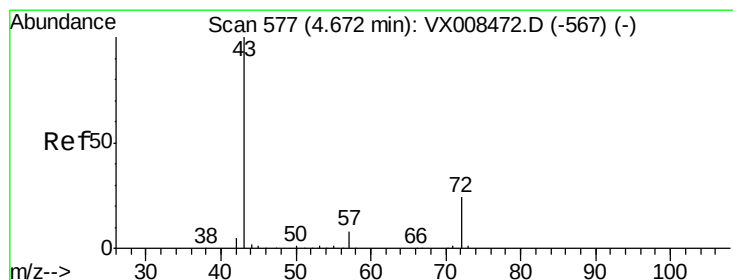
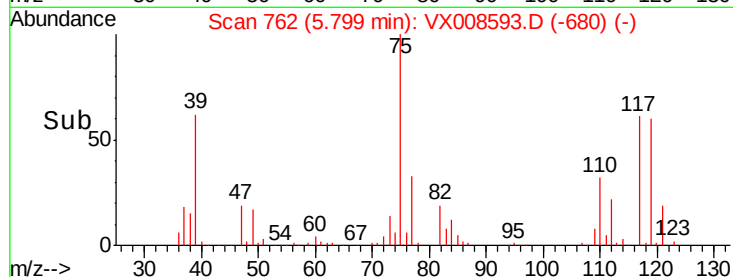
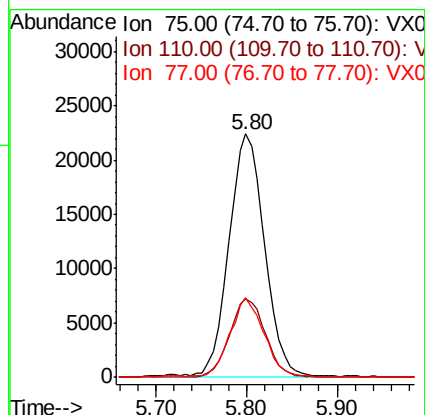
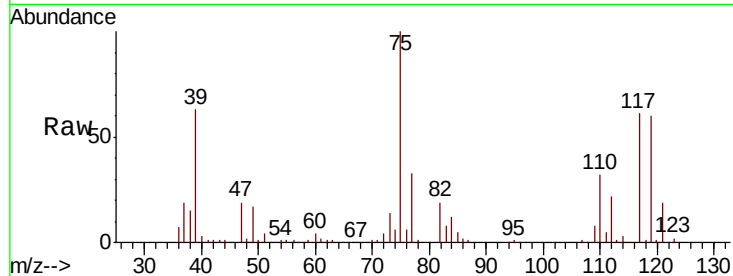




#29
 1,1-Dichloropropene
 Concen: 18.565 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

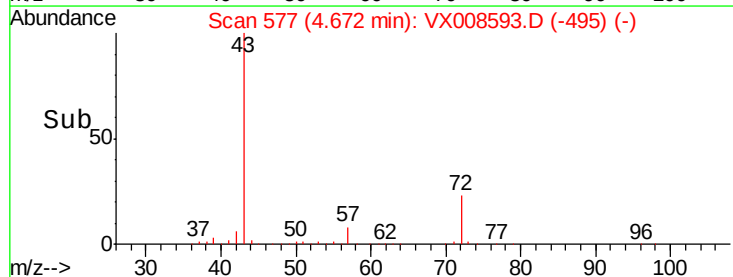
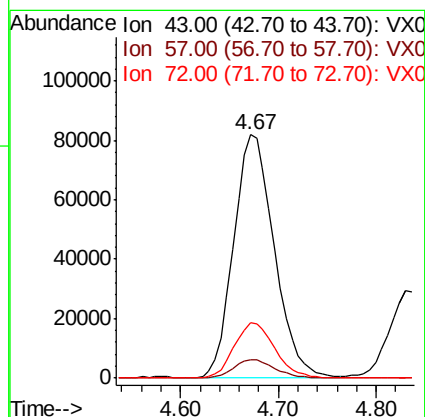
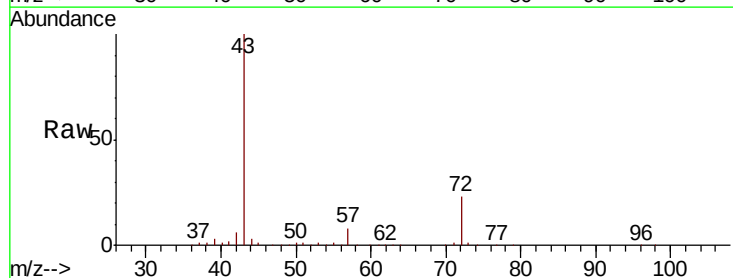
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

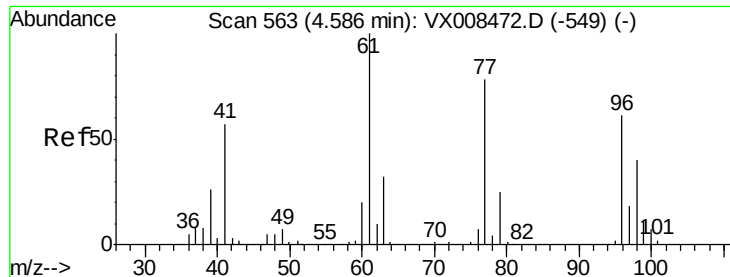
Tot Ion: 75 Resp: 60791
 Ion Ratio Lower Upper
 75 100
 110 32.8 0.0 80.8
 77 31.7 0.0 62.4



#30
 2-Butanone
 Concen: 97.574 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 43 Resp: 234944
 Ion Ratio Lower Upper
 43 100
 57 7.6 7.0 10.6
 72 22.8 21.5 32.3





#31

2,2-Dichloropropane

Concen: 17.790 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

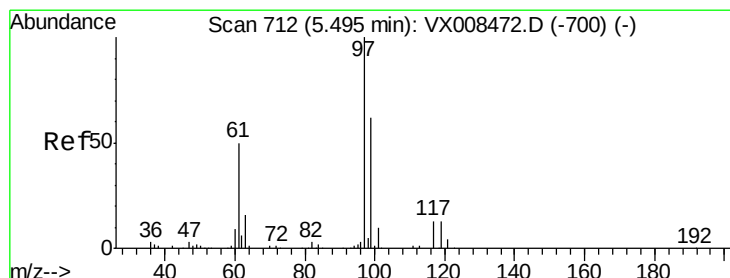
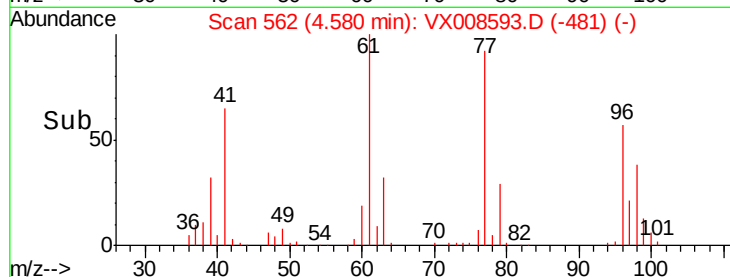
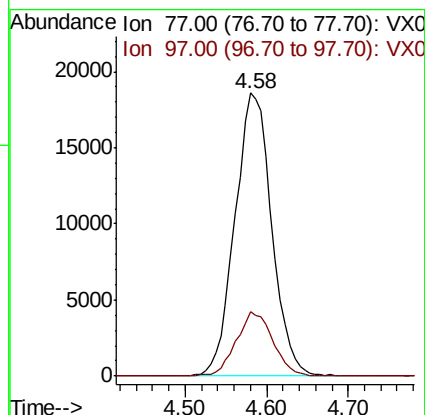
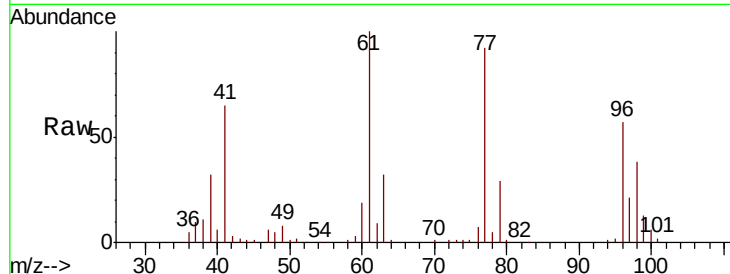
VX0402WBSD01

Tot Ion: 77 Resp: 58180

Ion Ratio Lower Upper

77 100

97 22.6 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 18.538 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

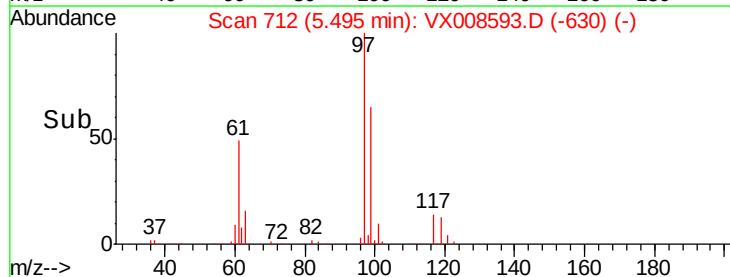
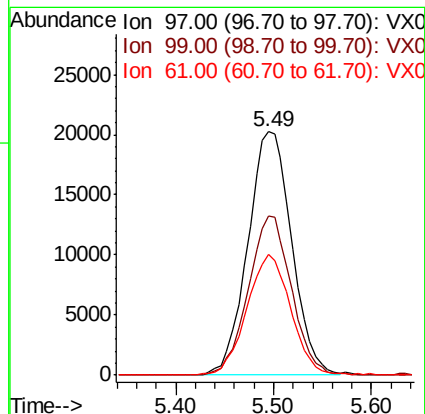
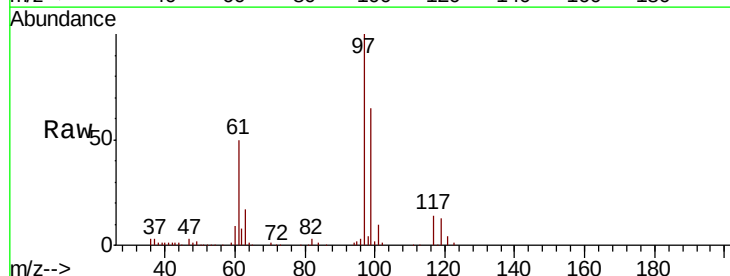
Tgt Ion: 97 Resp: 63034

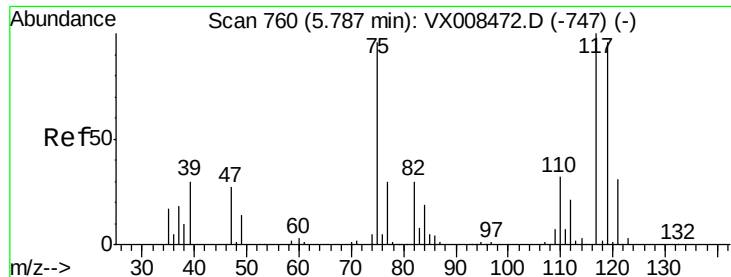
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 49.4 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 17.960 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

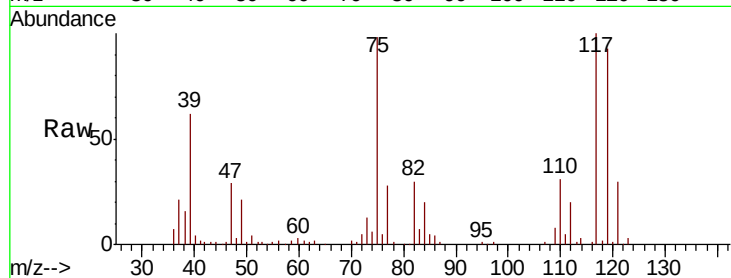
Tot Ion:117 Resp: 51096

Ion Ratio Lower Upper

117 100

119 93.0 78.1 117.1

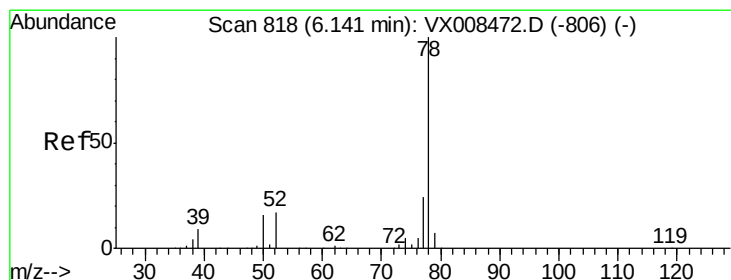
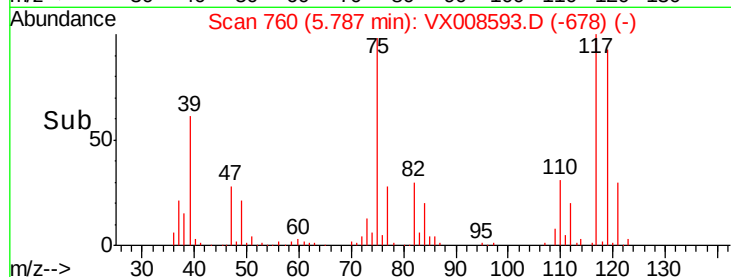
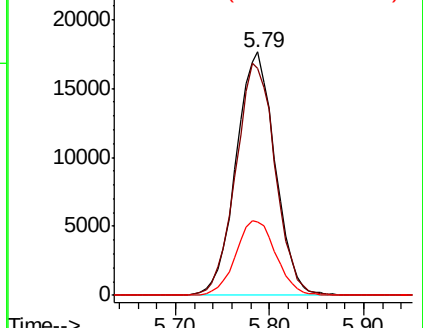
121 29.9 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.043 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

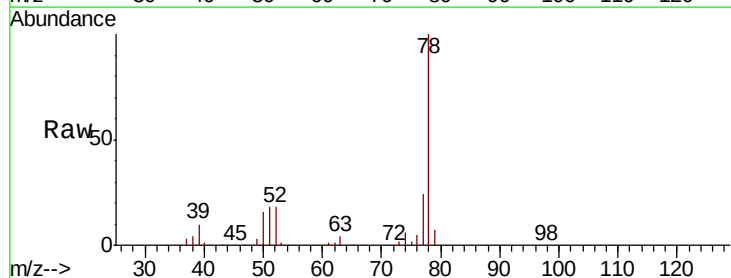
Tgt Ion: 78 Resp: 190604

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

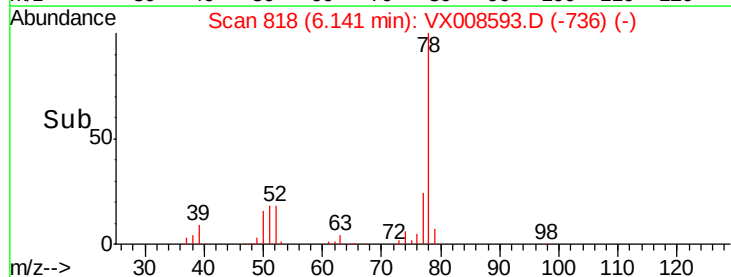
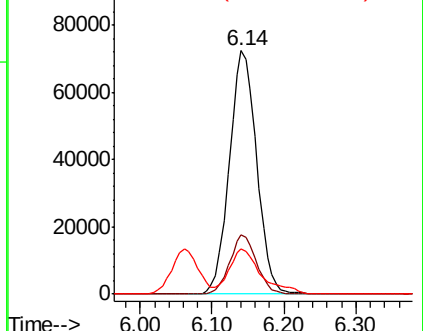
51 18.3 10.8 16.2#

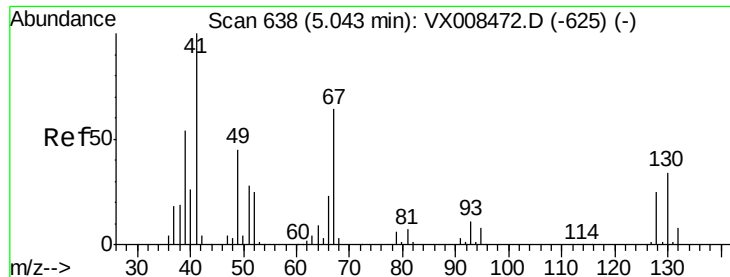


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

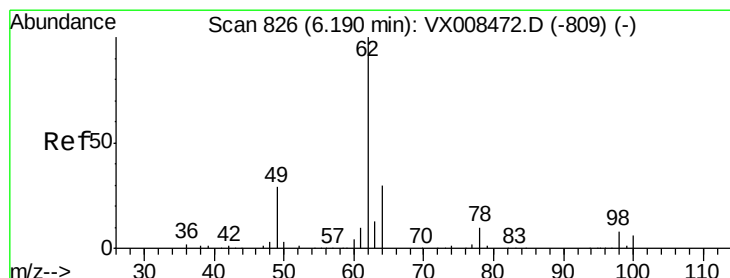
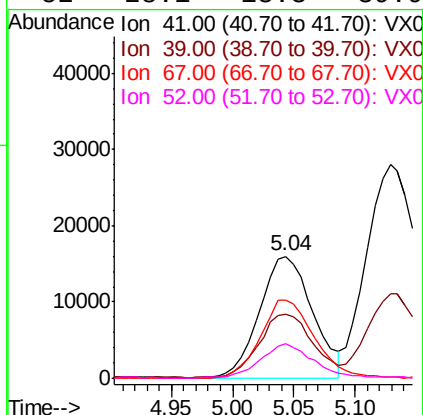
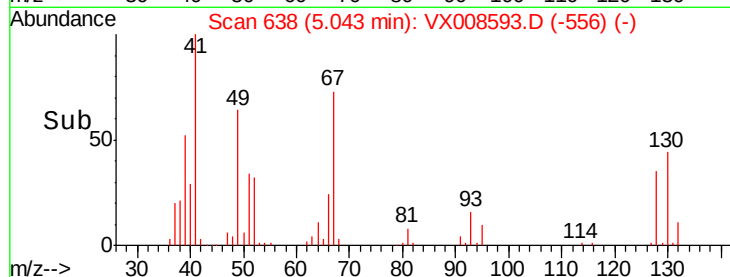
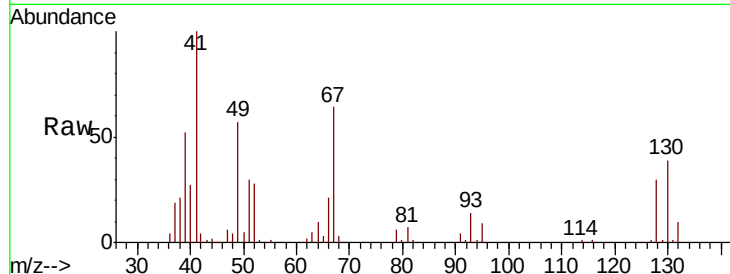




#35
Methacrylonitrile
Concen: 19.583 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

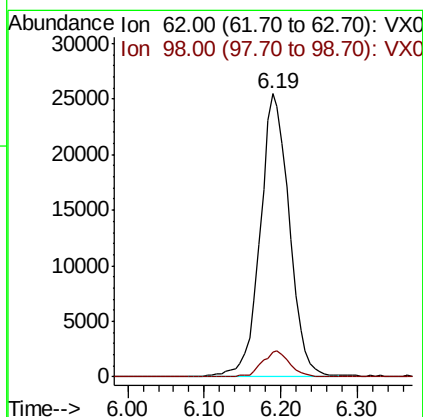
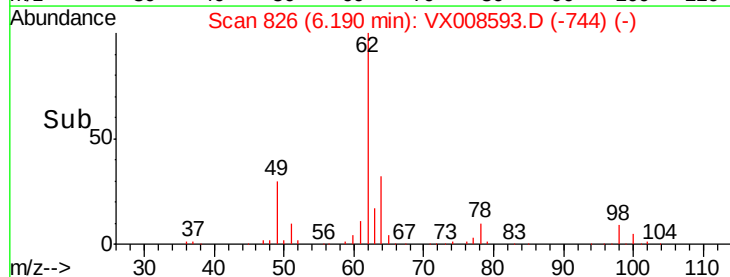
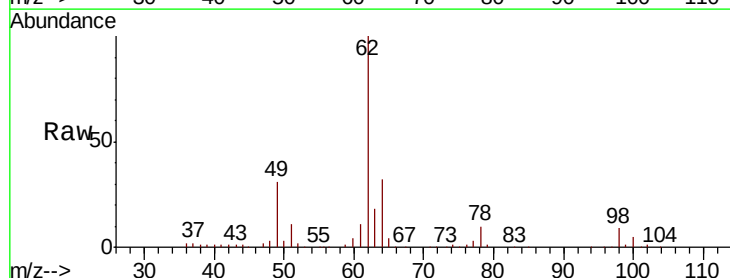
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

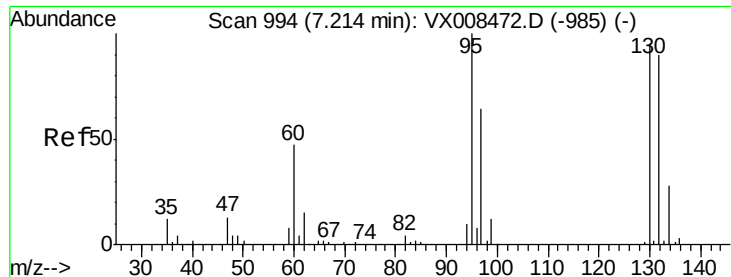
Tot Ion: 41 Resp: 47953
Ion Ratio Lower Upper
41 100
39 52.0 27.4 82.0
67 63.9 37.9 113.6
52 28.1 13.3 39.9



#36
1,2-Dichloroethane
Concen: 19.037 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 62 Resp: 67937
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.8

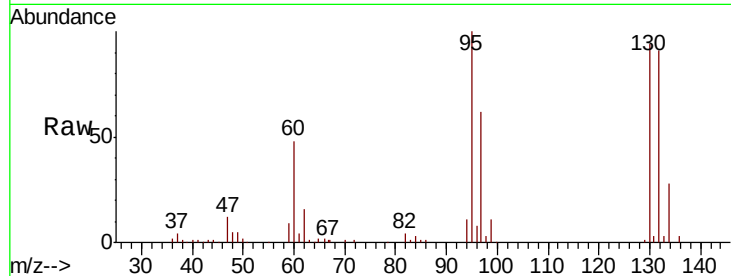




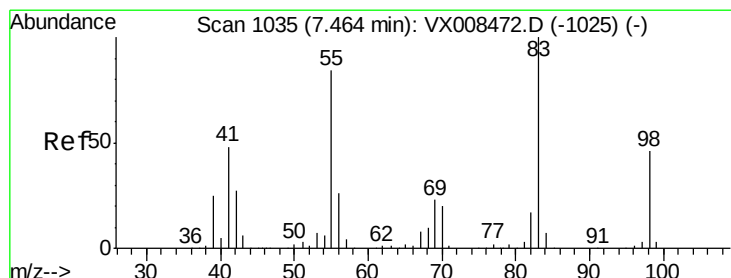
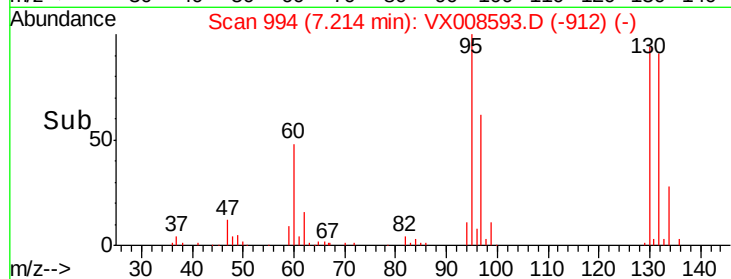
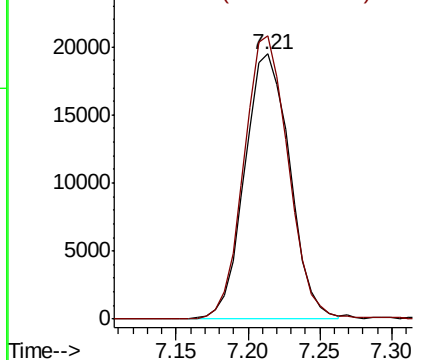
#37
 Trichloroethene
 Concen: 18.405 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion:130 Resp: 42367
 Ion Ratio Lower Upper
 130 100
 95 106.8 71.3 106.9

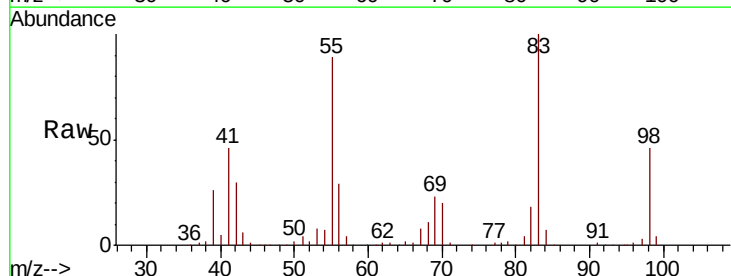


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

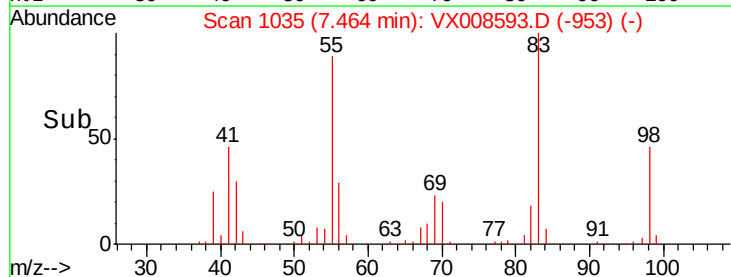
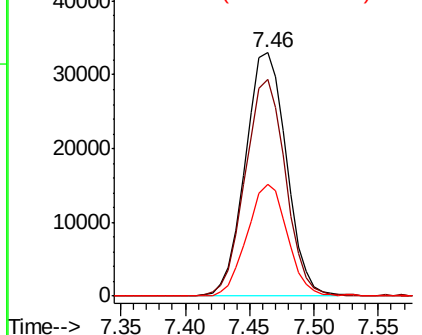


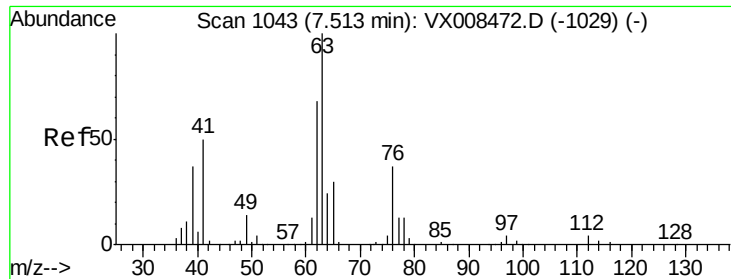
#38
 Methylcyclohexane
 Concen: 17.715 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 83 Resp: 73092
 Ion Ratio Lower Upper
 83 100
 55 87.4 36.0 108.0
 98 45.0 23.8 71.4



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

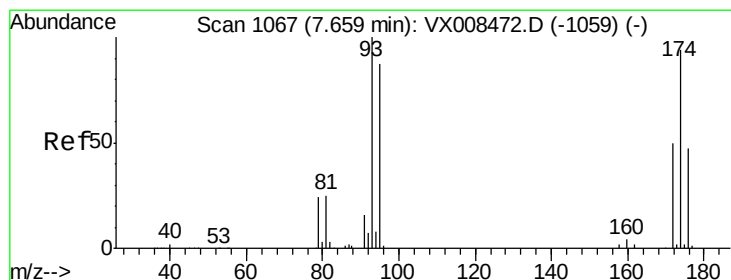
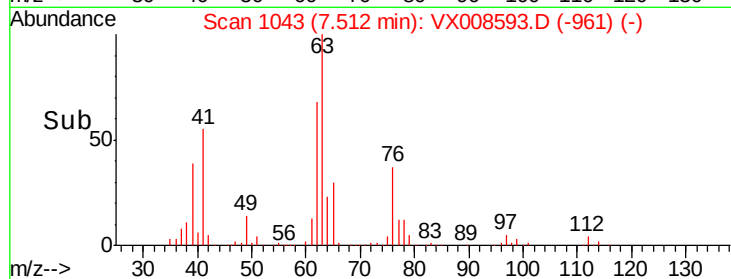
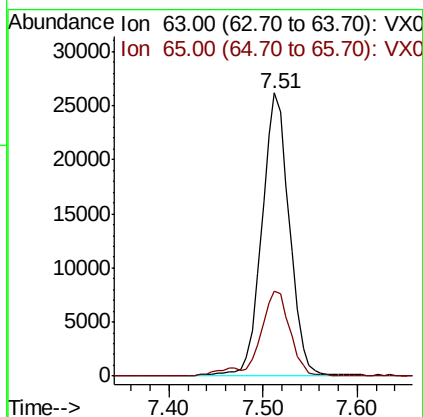
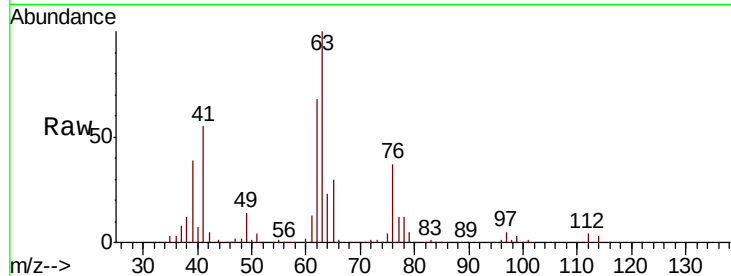




#39
 1,2-Dichloropropane
 Concen: 18.953 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

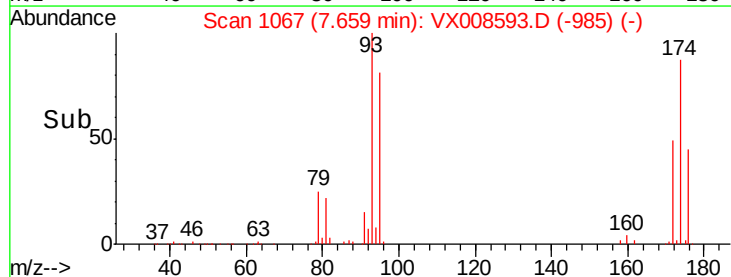
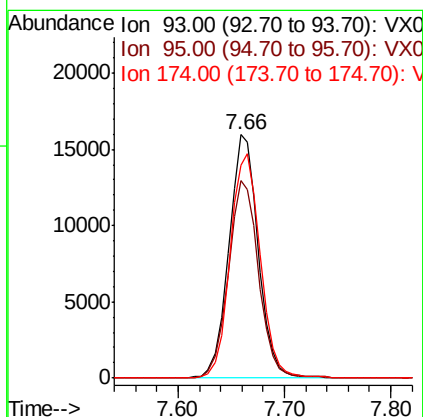
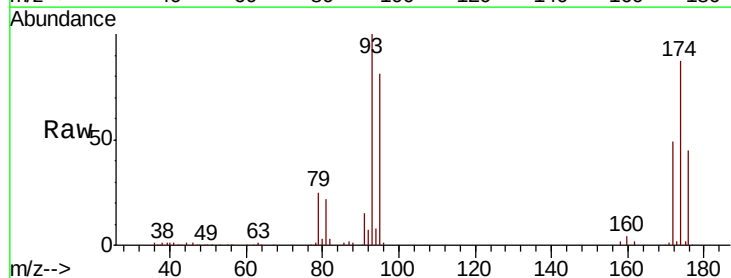
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

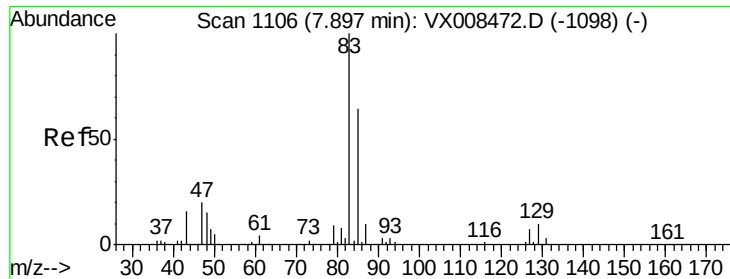
Tot Ion: 63 Resp: 53806
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0



#40
 Dibromomethane
 Concen: 18.766 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 93 Resp: 30863
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 158.8
 174 94.7 0.0 224.2





#41

Bromodichloromethane

Concen: 18.263 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

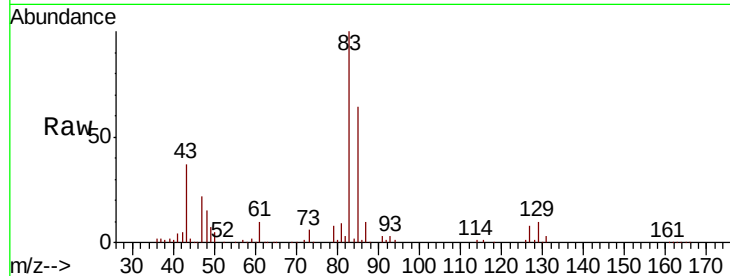
Tot Ion: 83 Resp: 59057

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

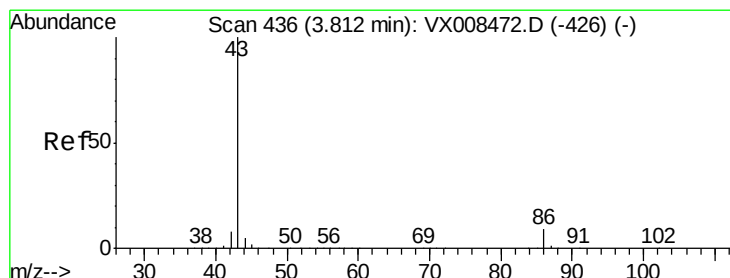
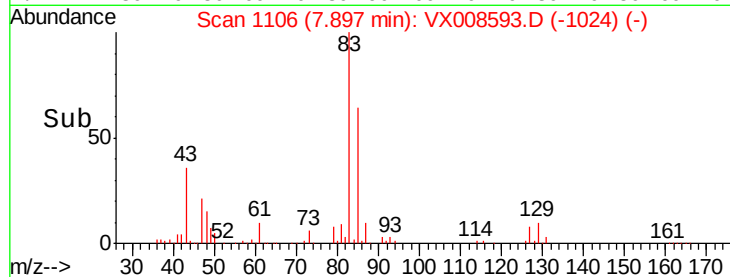
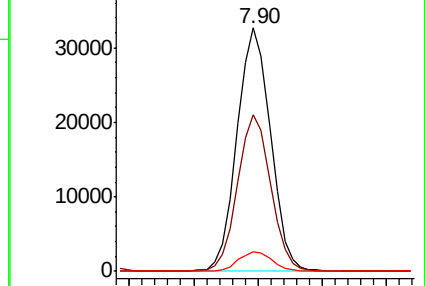
127 7.8 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 96.823 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008593.D

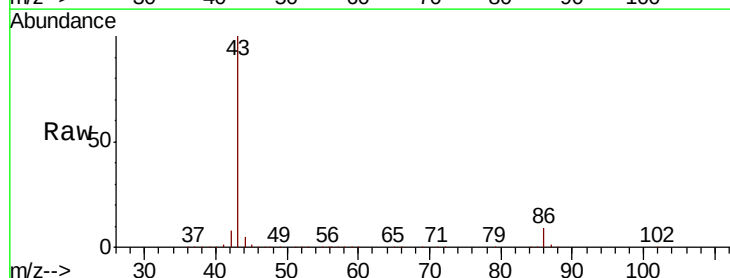
Acq: 02 Apr 2019 14:00

Tgt Ion: 43 Resp: 790310

Ion Ratio Lower Upper

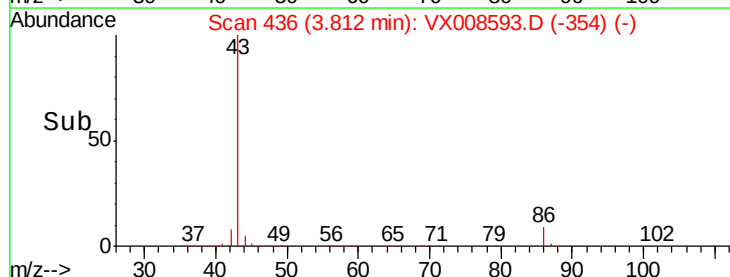
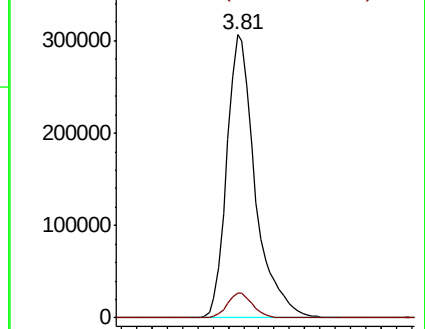
43 100

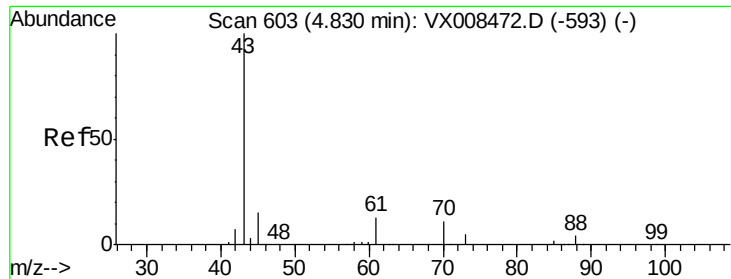
86 7.7 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

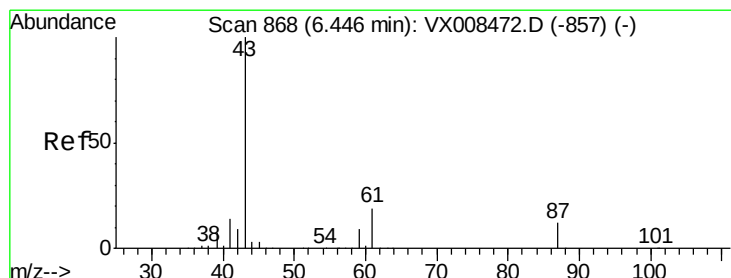
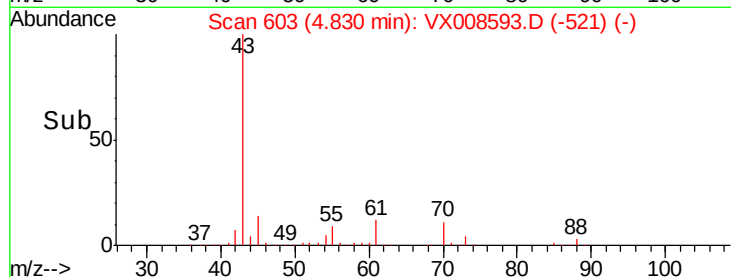
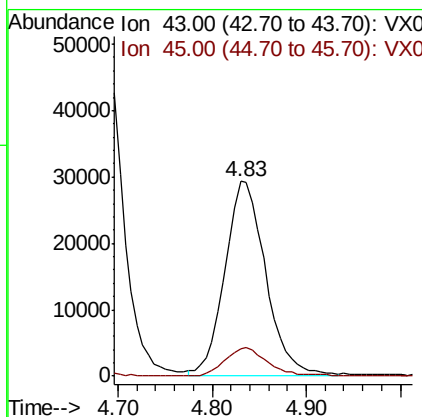
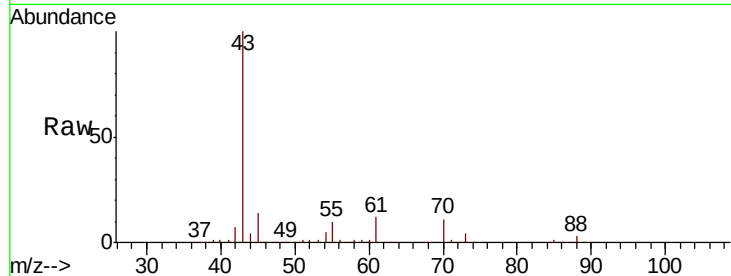




#43
Ethyl Acetate
Concen: 20.242 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

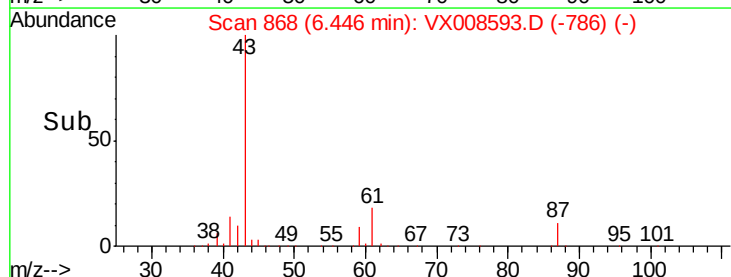
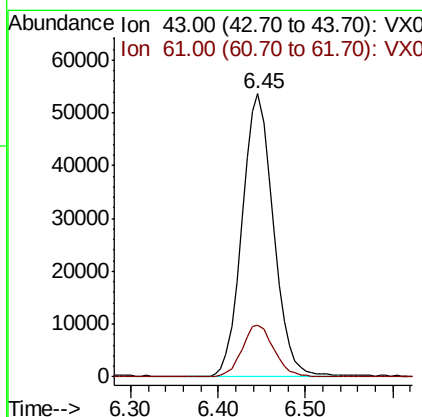
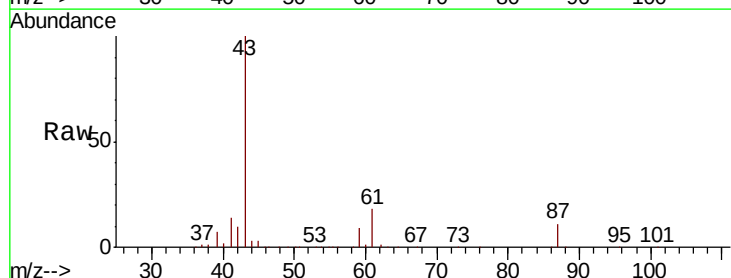
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

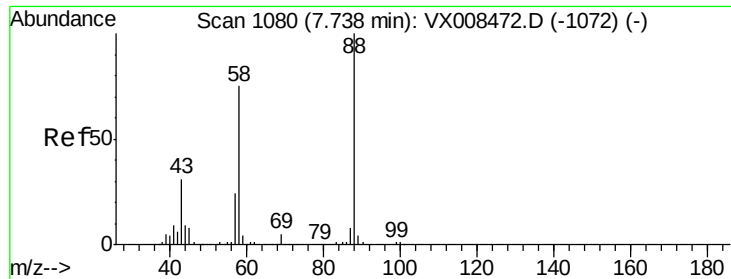
Tot Ion: 43 Resp: 87724
Ion Ratio Lower Upper
43 100
45 15.1 6.9 10.3#



#44
Isopropyl Acetate
Concen: 18.987 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 43 Resp: 133053
Ion Ratio Lower Upper
43 100
61 18.8 16.1 24.1

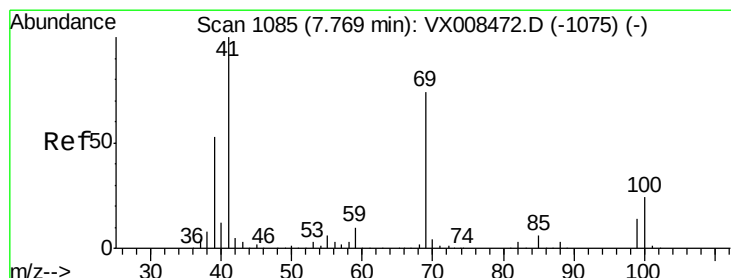
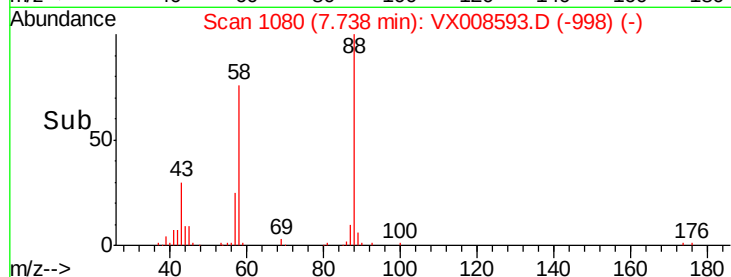
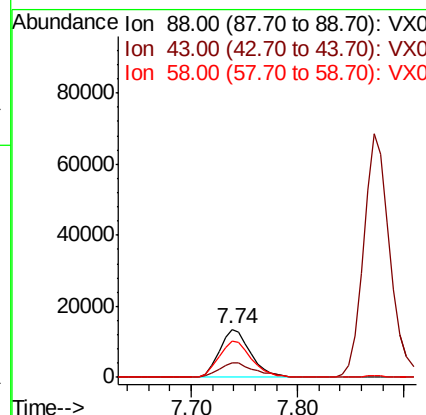
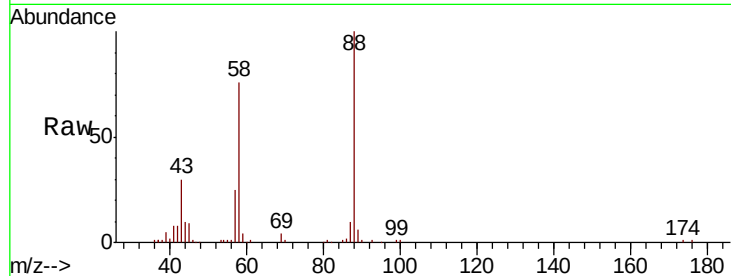




#45
 1,4-Dioxane
 Concen: 394.365 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

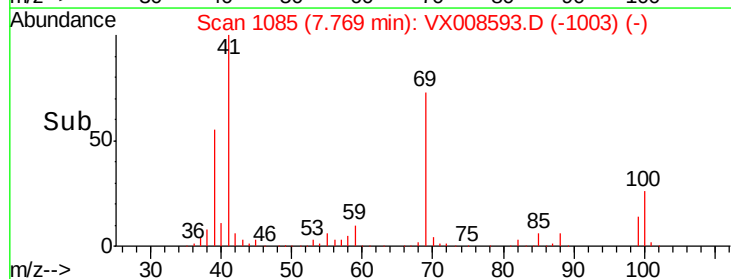
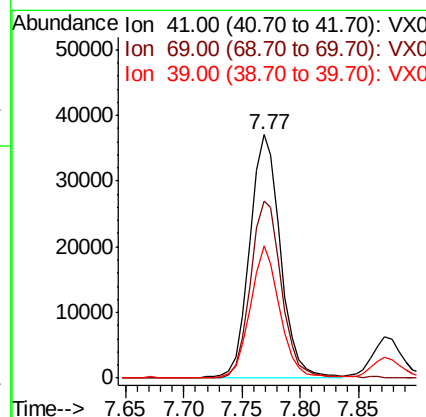
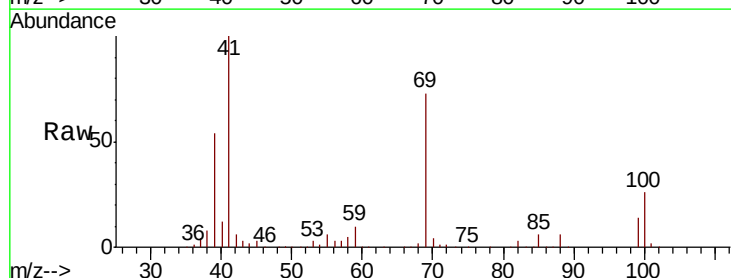
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

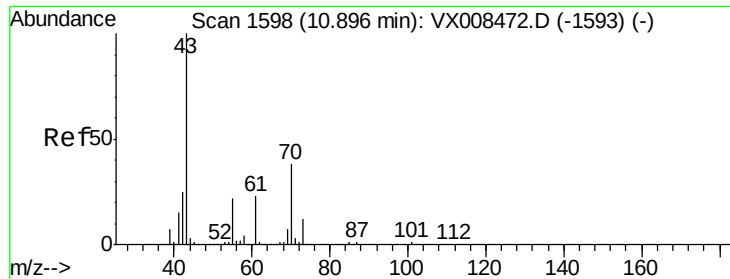
Tot Ion: 88 Resp: 27511
 Ion Ratio Lower Upper
 88 100
 43 35.4 23.6 35.4#
 58 79.4 51.6 77.4#



#46
 Methyl methacrylate
 Concen: 19.055 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 41 Resp: 67820
 Ion Ratio Lower Upper
 41 100
 69 72.7 44.2 132.6
 39 54.2 29.9 89.8





#47

n-amvl Acetate

Concen: 18.685 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

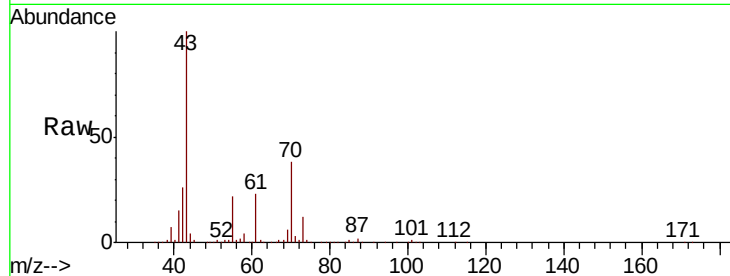
VX0402WBSD01

Tot Ion: 43 Resp: 118942

Ion Ratio Lower Upper

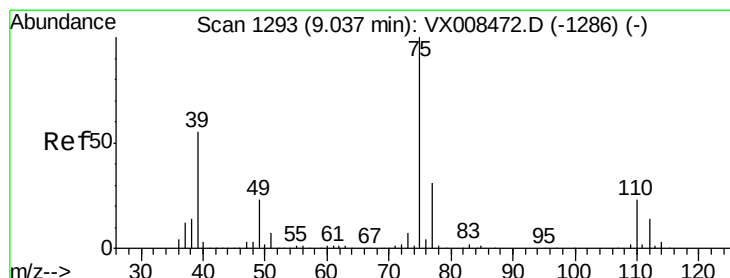
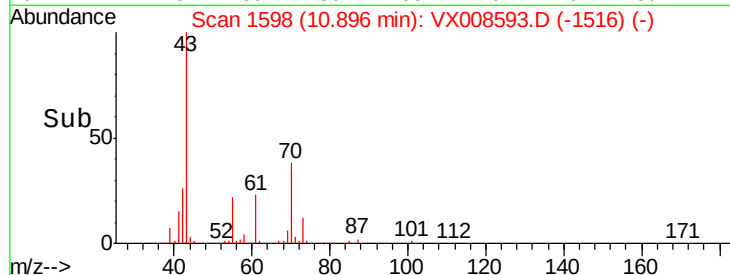
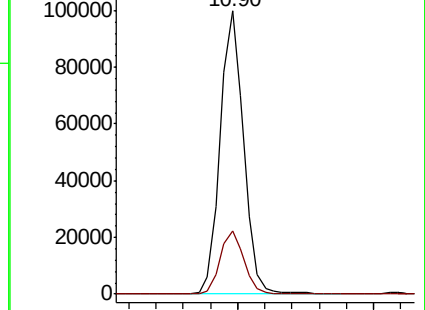
43 100

55 23.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.609 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008593.D

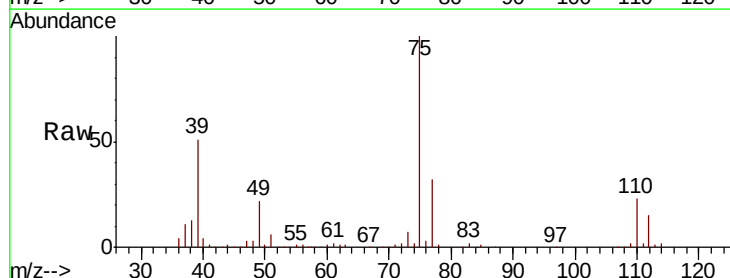
Acq: 02 Apr 2019 14:00

Tgt Ion: 75 Resp: 64317

Ion Ratio Lower Upper

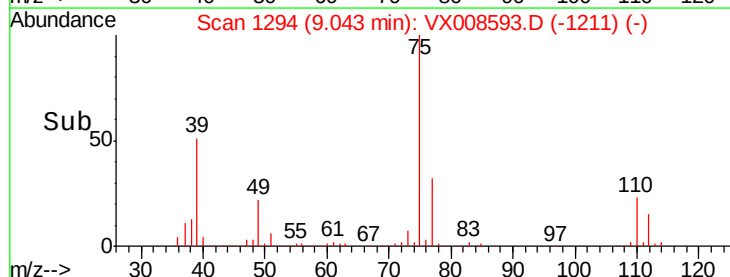
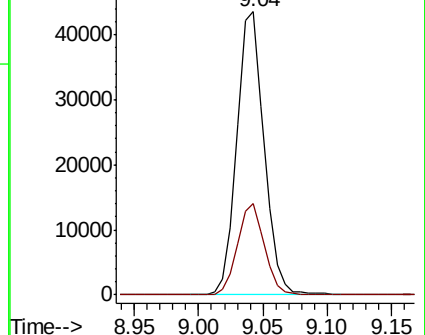
75 100

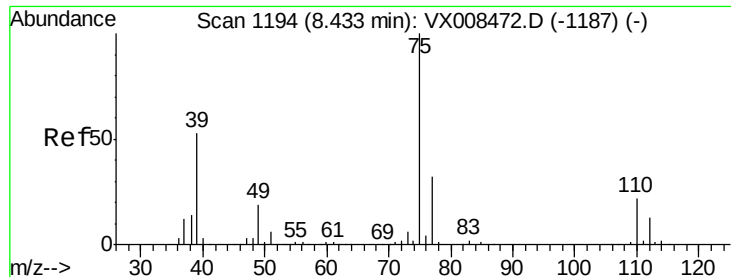
77 32.0 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



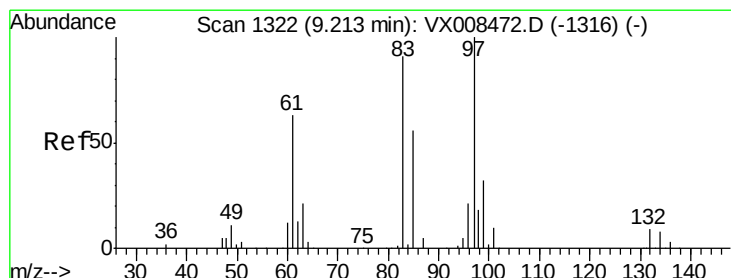
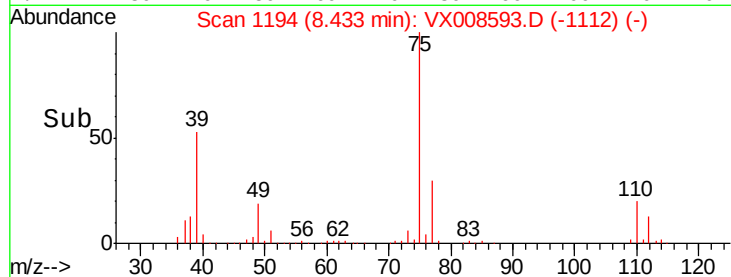
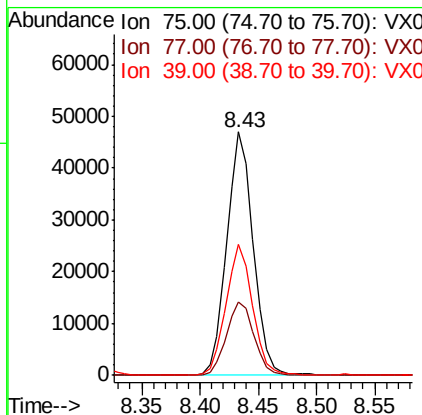
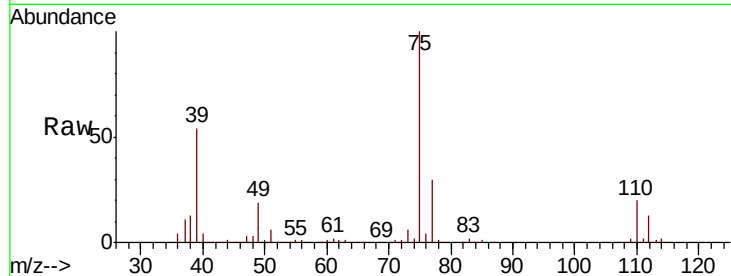


#49

cis-1,3-Dichloropropene
 Concen: 18.176 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

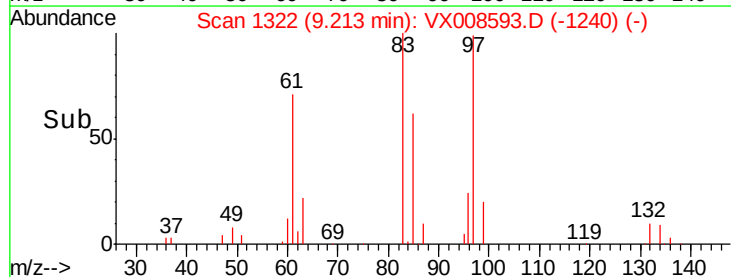
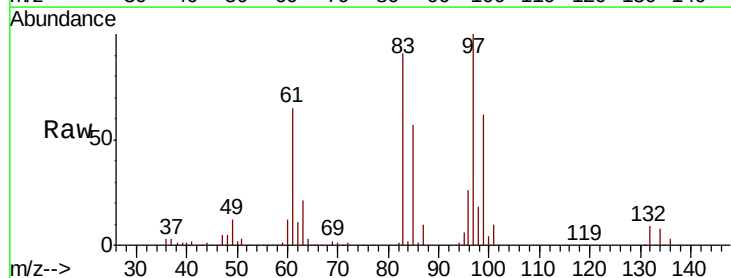
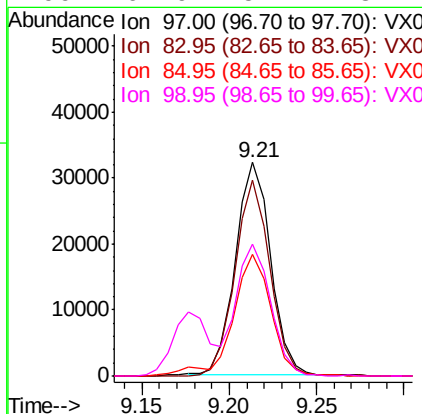
Tot Ion	75	Resp	74257
Ion Ratio	Lower	Upper	
75	100		
77	30.1	25.0	37.4
39	53.4	38.5	57.7

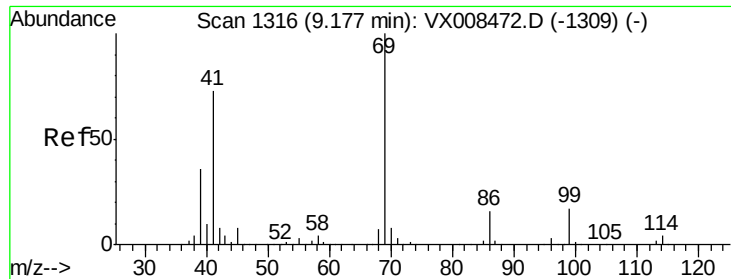


#50

1,1,2-Trichloroethane
 Concen: 18.587 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion	97	Resp	45389
Ion Ratio	Lower	Upper	
97	100		
83	91.6	72.0	108.0
85	57.0	45.0	67.6
99	61.9	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.251 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

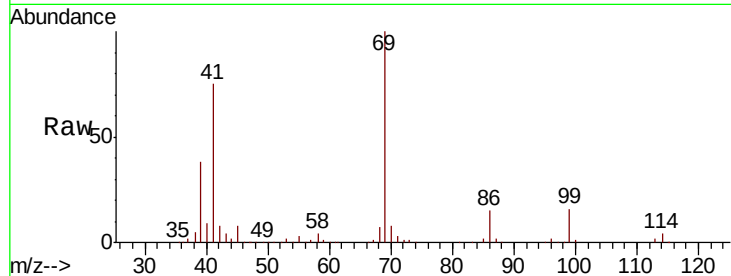
Tot Ion: 69 Resp: 82938

Ion Ratio Lower Upper

69 100

41 74.5 32.1 96.5

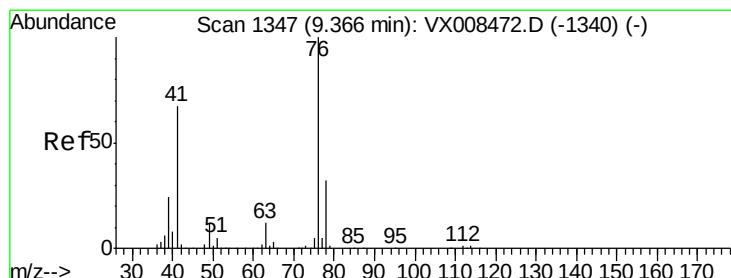
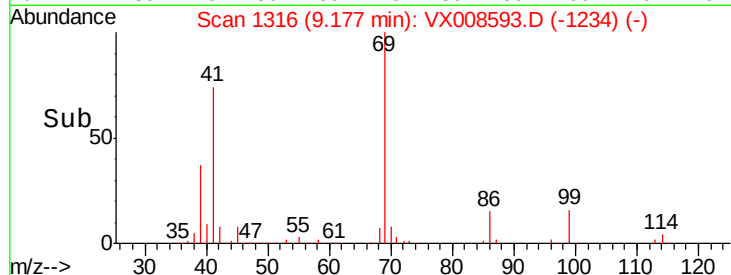
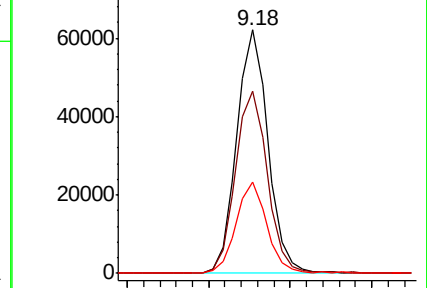
39 37.4 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.900 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX008593.D

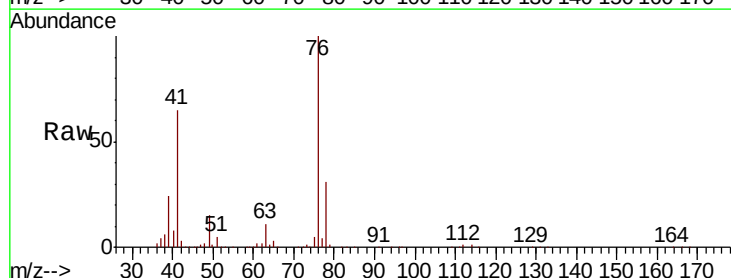
Acq: 02 Apr 2019 14:00

Tgt Ion: 76 Resp: 82111

Ion Ratio Lower Upper

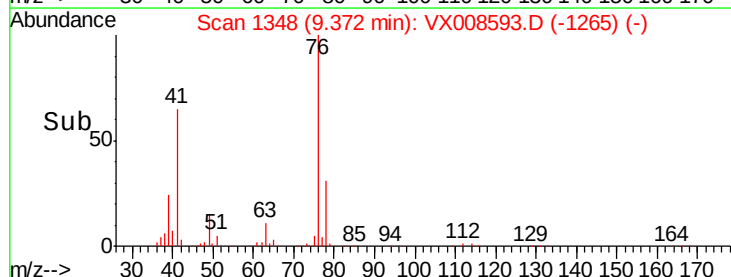
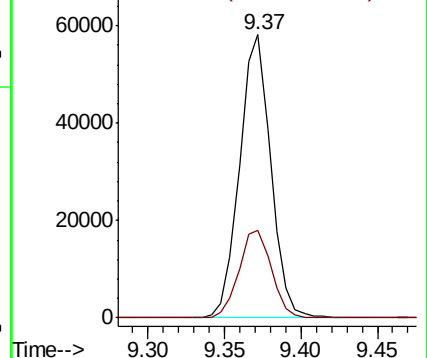
76 100

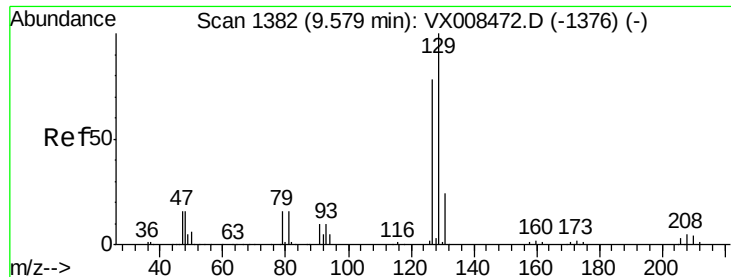
78 32.4 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

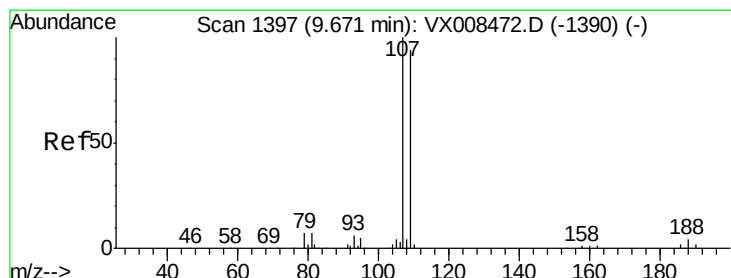
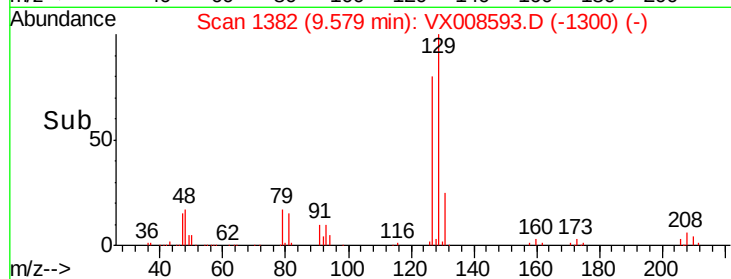
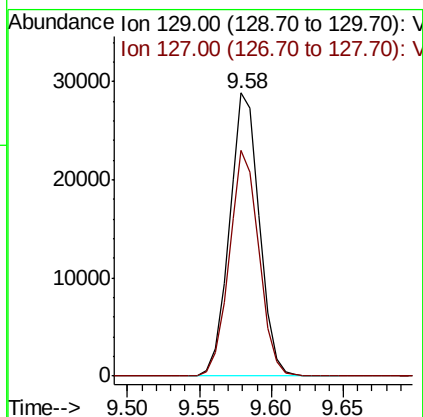
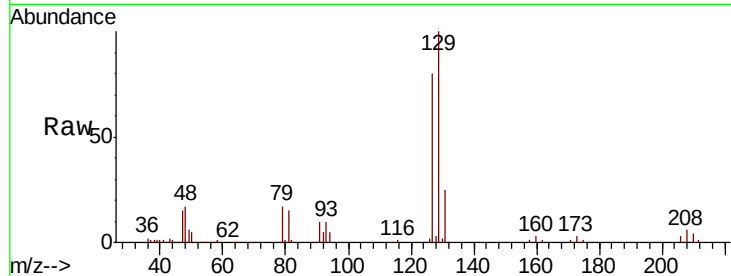




#53
 Dibromochloromethane
 Concen: 17.456 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

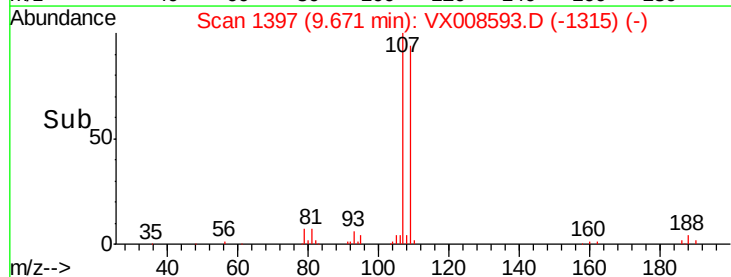
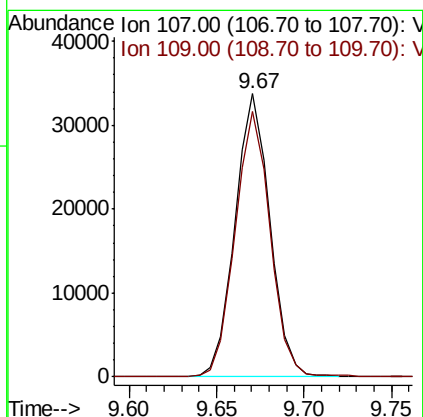
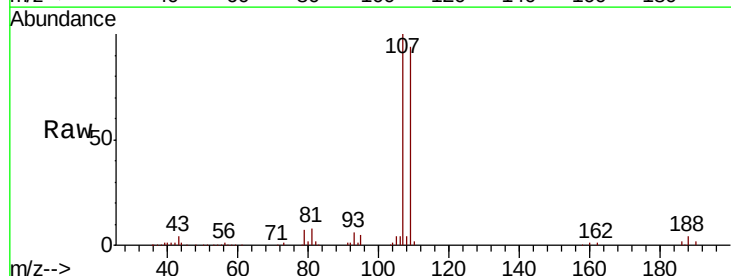
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

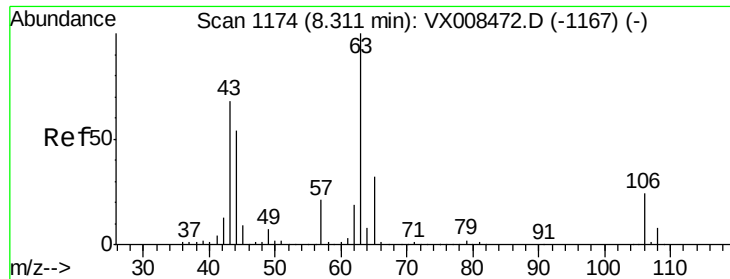
Tot Ion:129 Resp: 41948
 Ion Ratio Lower Upper
 129 100
 127 78.7 38.4 115.2



#54
 1,2-Dibromoethane
 Concen: 18.664 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion:107 Resp: 46983
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.6 115.0

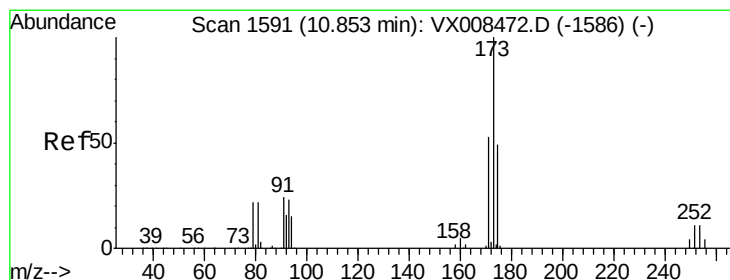
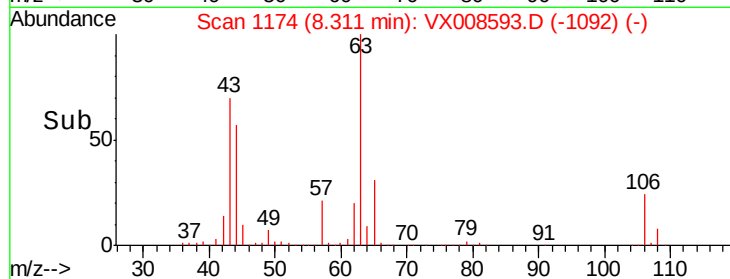
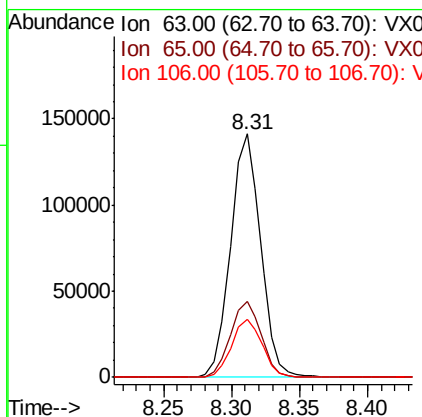
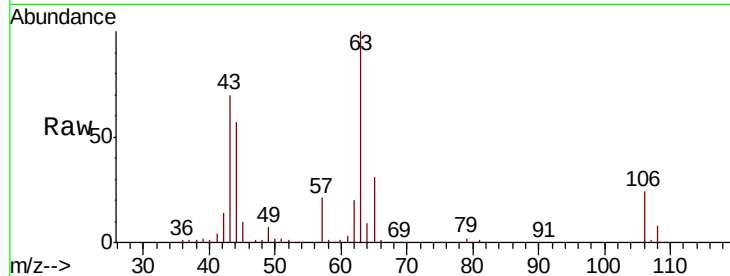




#55
2-Chloroethyl vinyl ether
Concen: 94.713 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

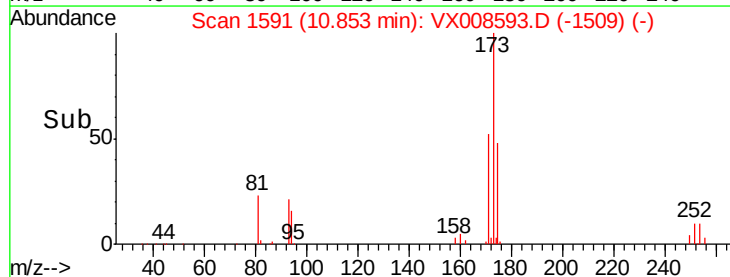
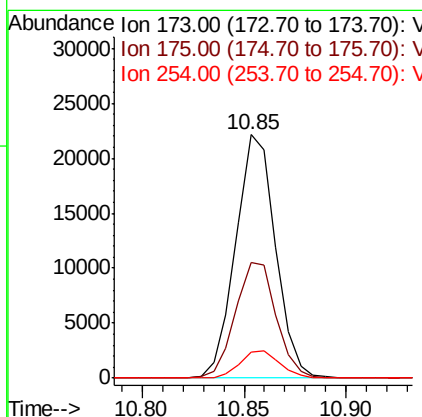
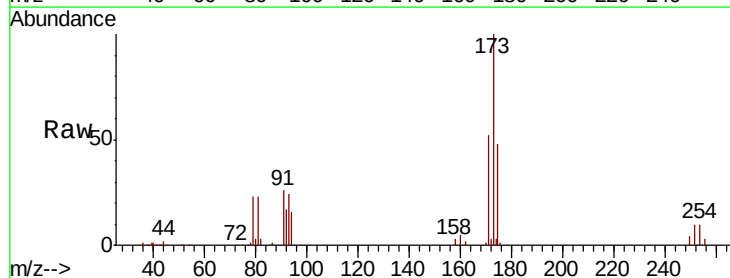
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

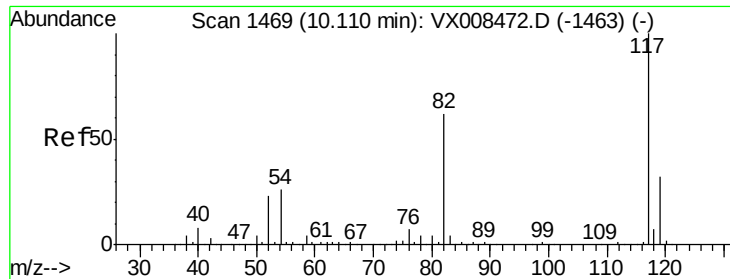
Tot Ion: 63 Resp: 217131
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 24.3 23.7 35.5



#56
Bromoform
Concen: 17.173 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 173 Resp: 30074
Ion Ratio Lower Upper
173 100
175 48.6 38.5 57.7
254 11.1 7.4 11.2

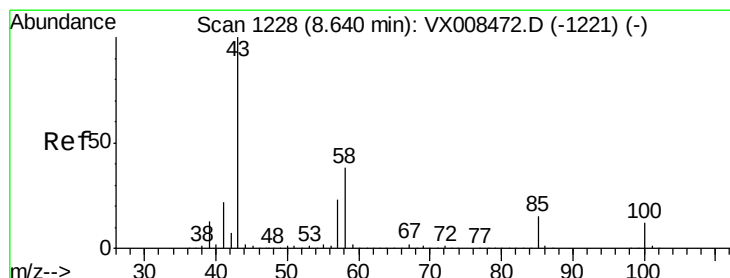
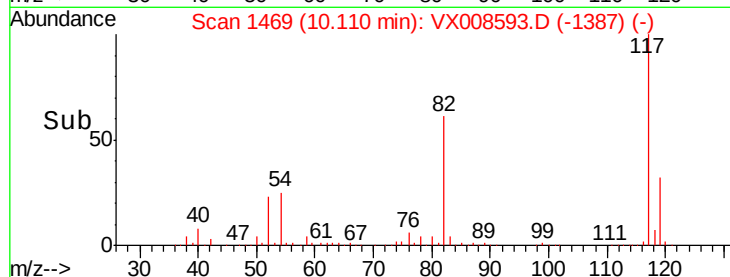
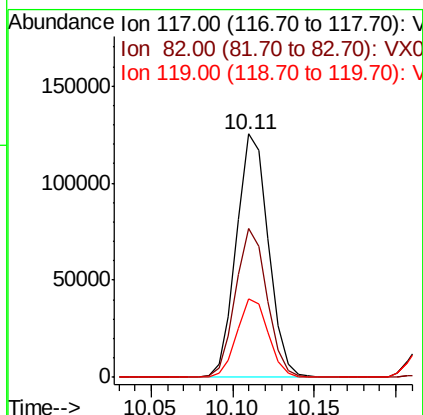
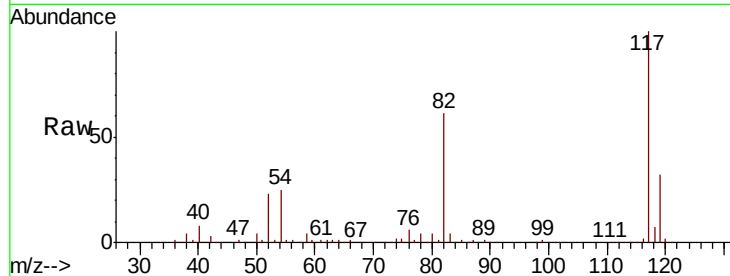




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

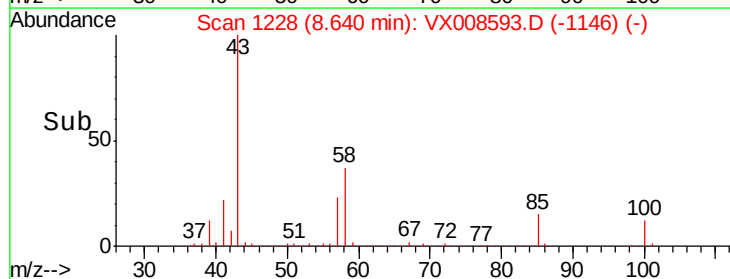
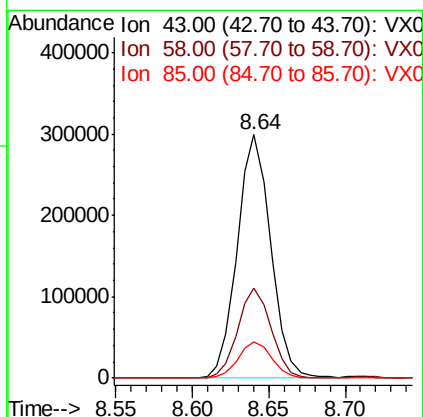
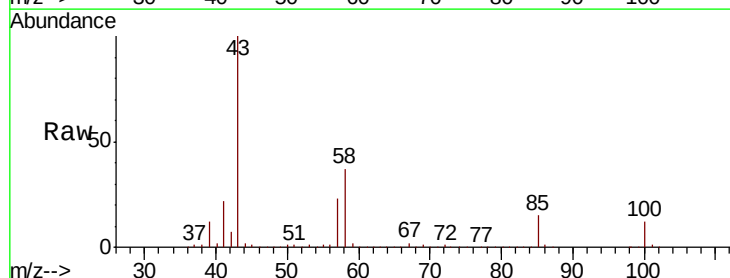
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

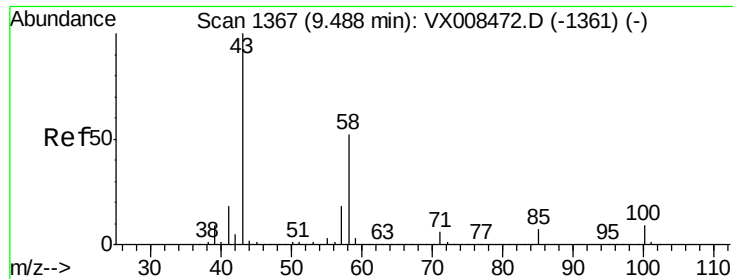
Tot Ion:117 Resp: 172191
Ion Ratio Lower Upper
117 100
82 59.7 40.4 60.6
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 99.997 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 43 Resp: 454255
Ion Ratio Lower Upper
43 100
58 36.8 31.4 47.0
85 15.0 15.0 22.6#

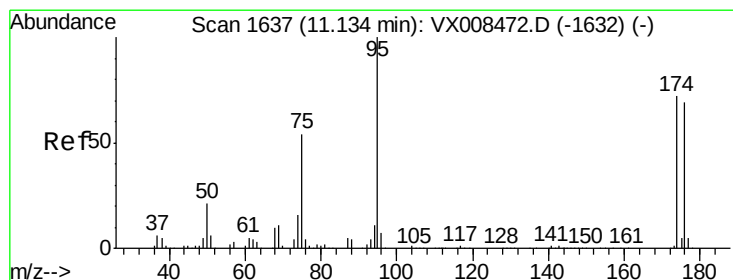
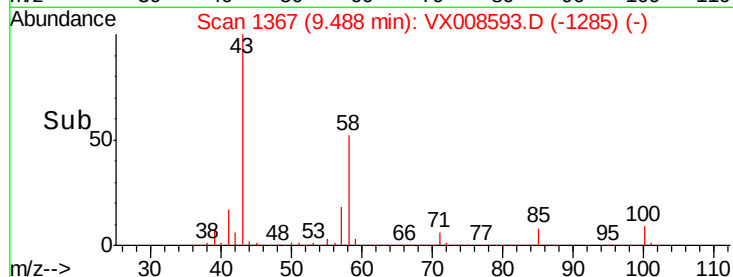
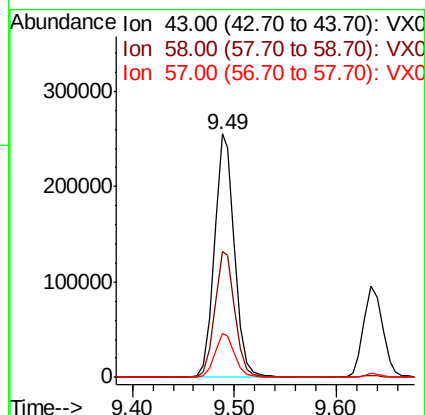
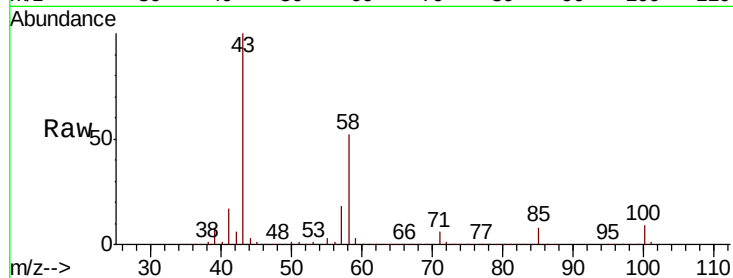




#59
2-Hexanone
Concen: 98.117 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

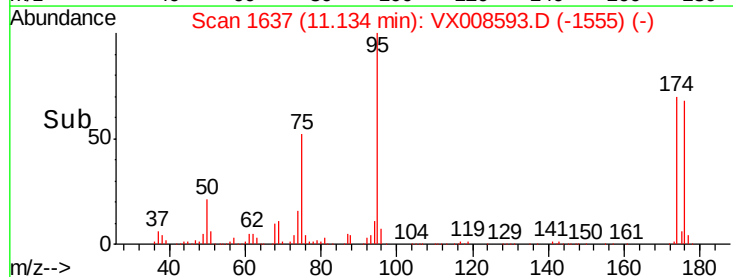
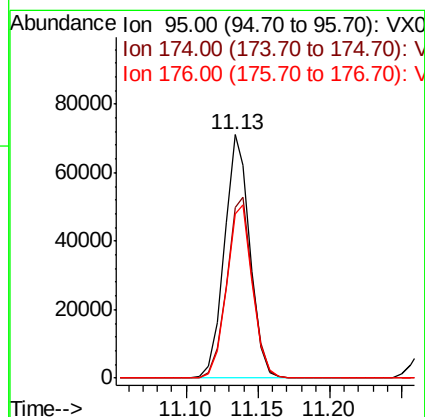
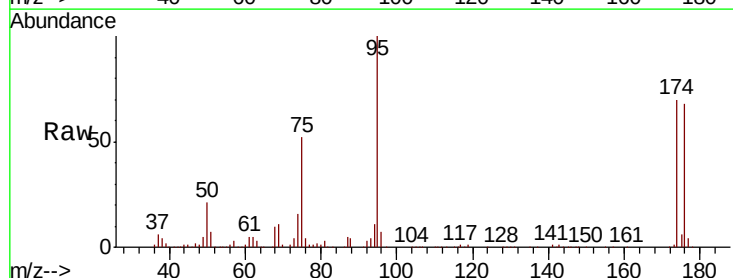
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

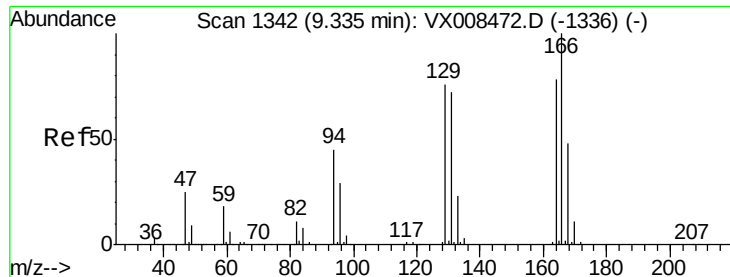
Tot Ion: 43 Resp: 352137
Ion Ratio Lower Upper
43 100
58 52.2 43.9 65.9
57 18.0 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.541 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion: 95 Resp: 88628
Ion Ratio Lower Upper
95 100
174 74.8 74.9 112.3#
176 72.4 70.7 106.1





#61

Tetrachloroethene

Concen: 19.504 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion:164 Resp: 36736

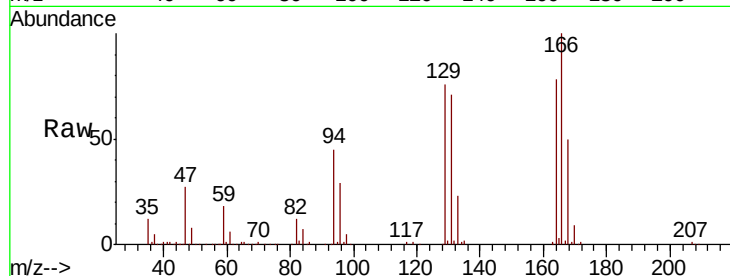
Ion Ratio Lower Upper

164 100

166 127.9 103.9 155.9

129 96.7 74.7 112.1

131 90.4 71.7 107.5



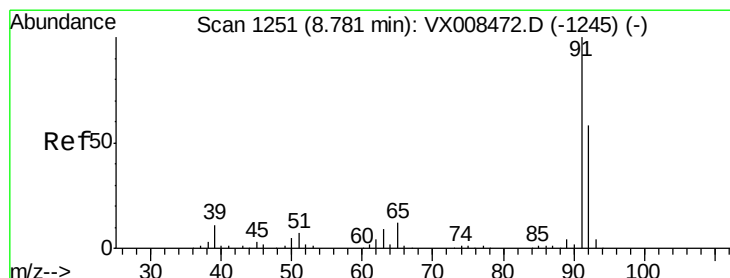
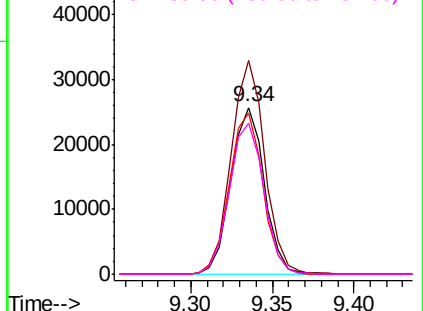
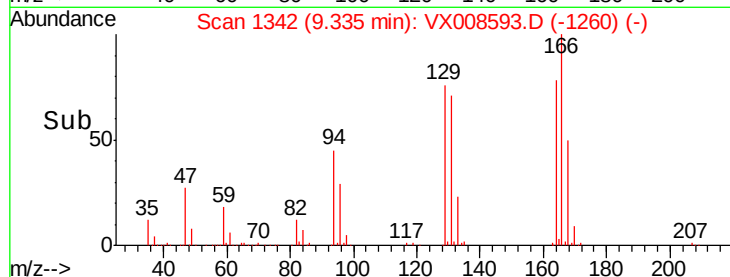
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.990 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008593.D

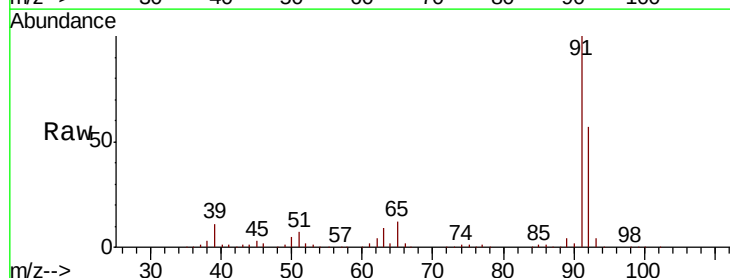
Acq: 02 Apr 2019 14:00

Tgt Ion: 91 Resp: 197972

Ion Ratio Lower Upper

91 100

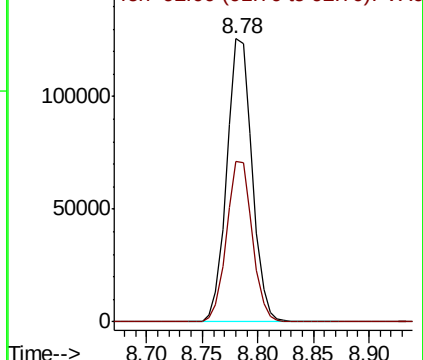
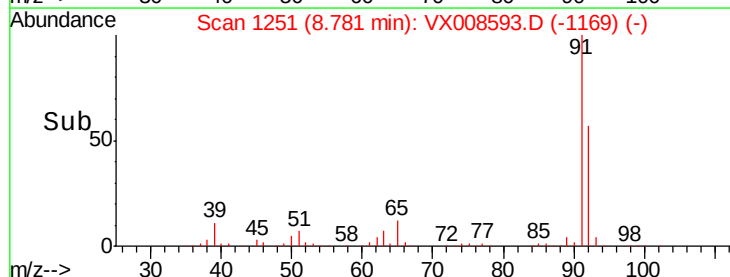
92 57.3 46.4 69.6

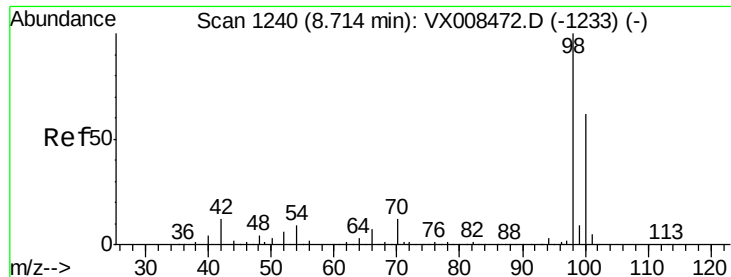


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.340 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

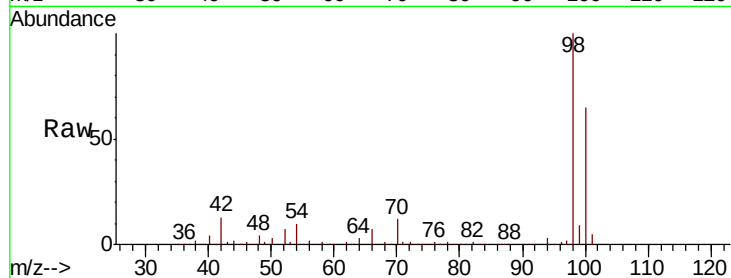
VX0402WBSD01

Tot Ion: 98 Resp: 247982

Ion Ratio Lower Upper

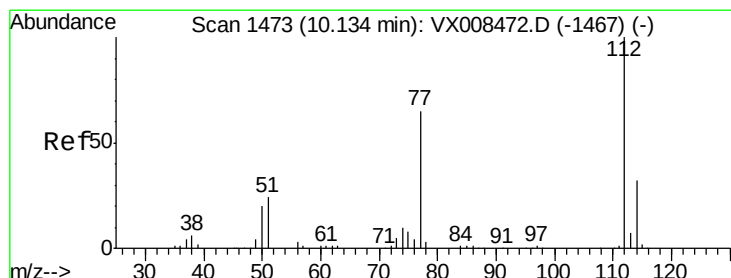
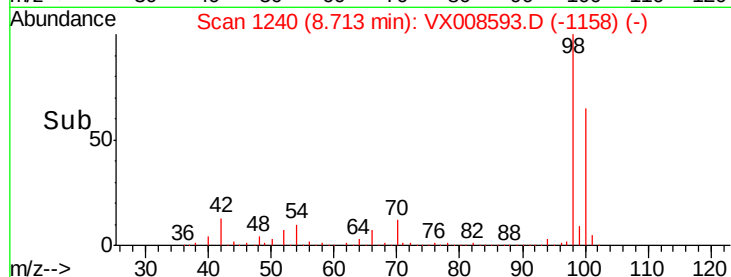
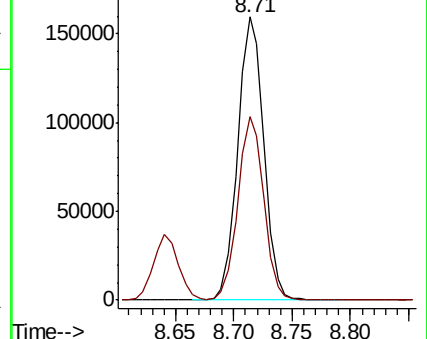
98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.868 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008593.D

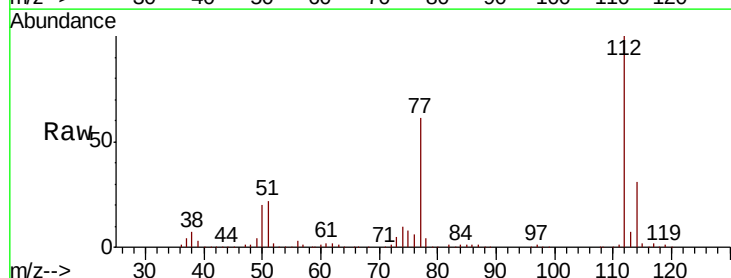
Acq: 02 Apr 2019 14:00

Tgt Ion: 112 Resp: 115262

Ion Ratio Lower Upper

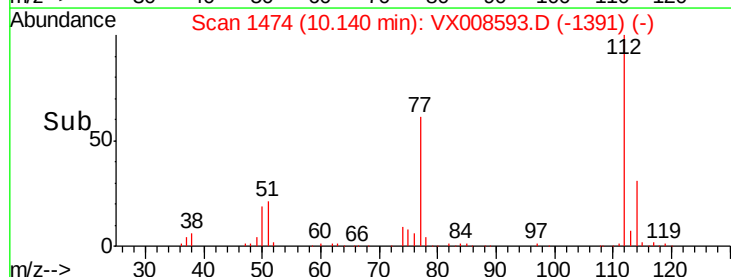
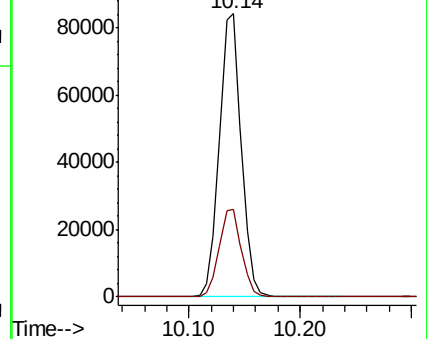
112 100

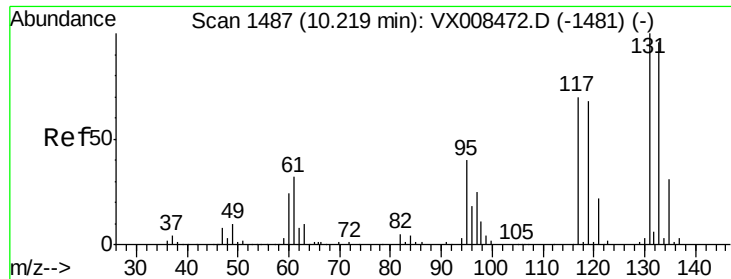
114 31.1 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

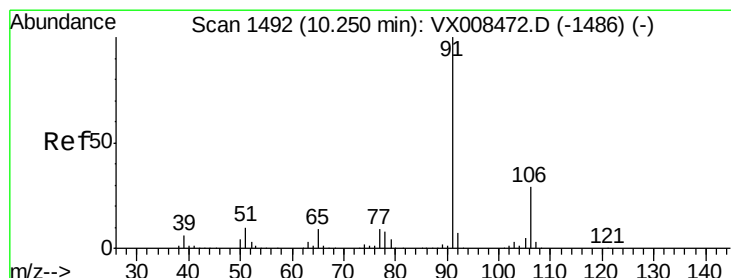
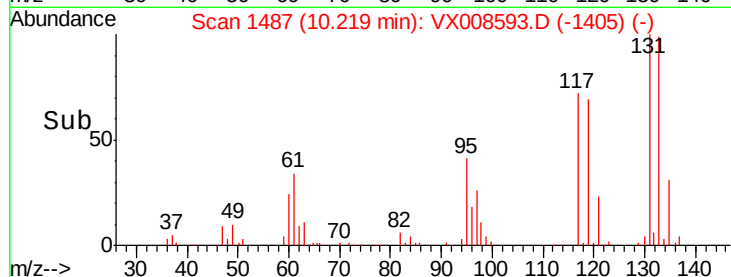
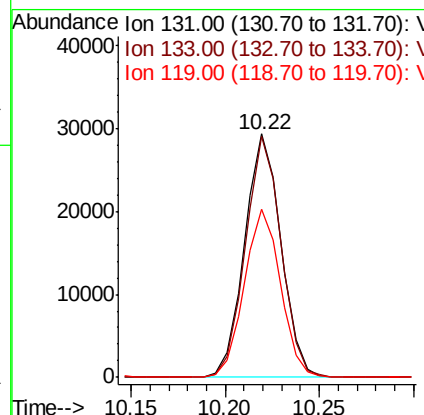
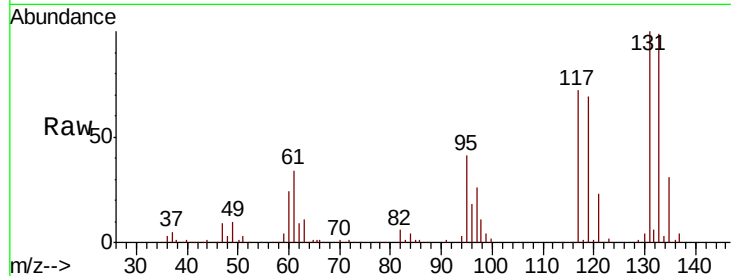




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.290 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

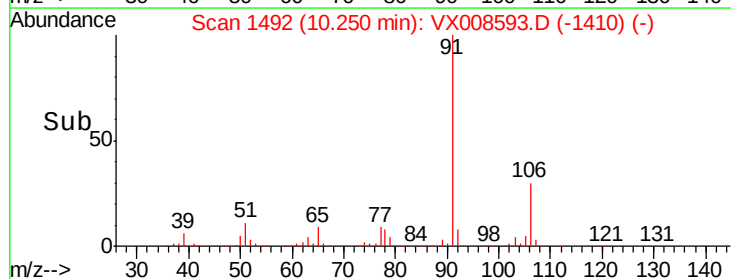
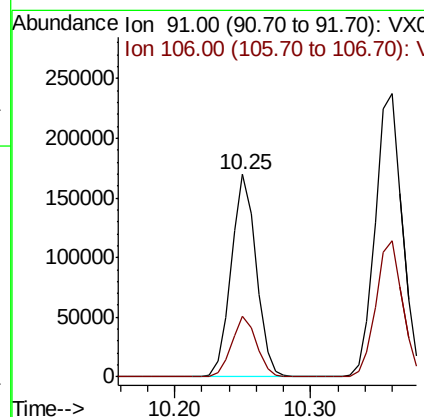
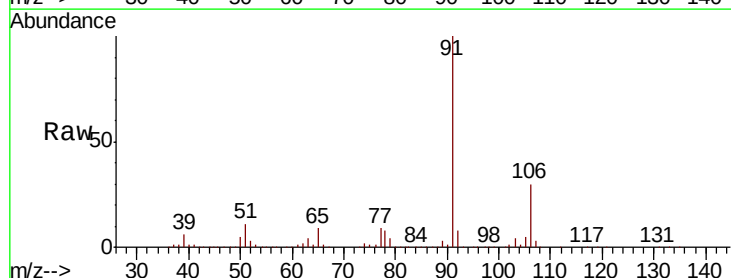
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

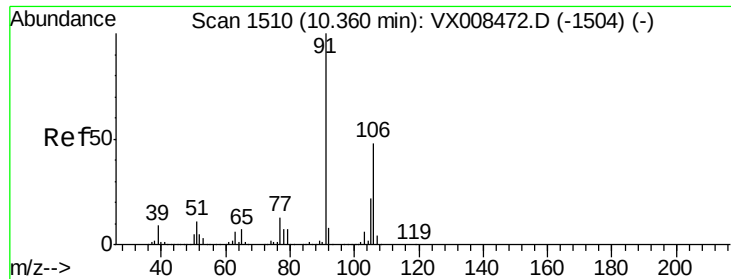
Tot Ion:131 Resp: 39393
 Ion Ratio Lower Upper
 131 100
 133 96.6 0.0 191.6
 119 68.8 0.0 127.4



#66
 Ethyl Benzene
 Concen: 18.676 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion: 91 Resp: 216120
 Ion Ratio Lower Upper
 91 100
 106 29.8 26.0 39.0

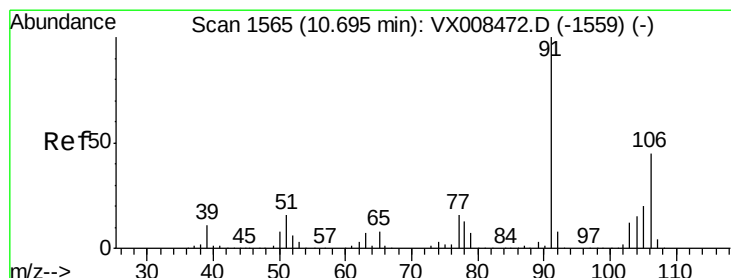
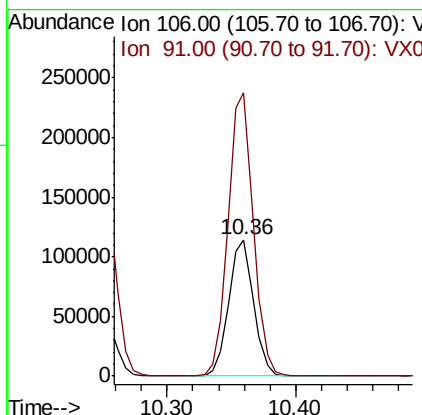
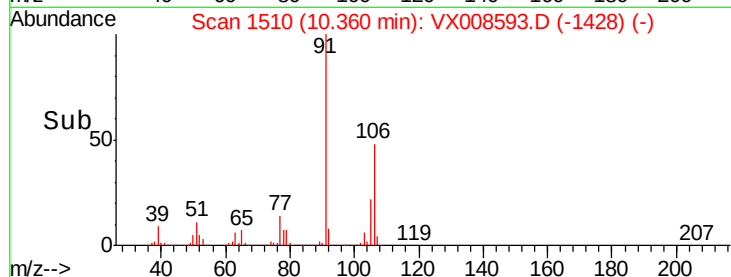
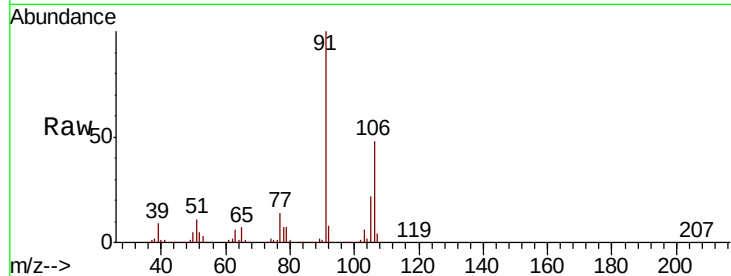




#67
m/p-Xylenes
Concen: 36.853 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

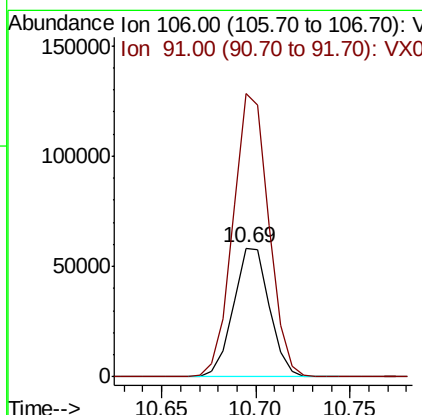
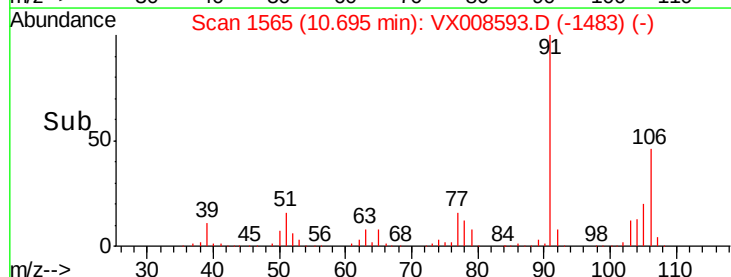
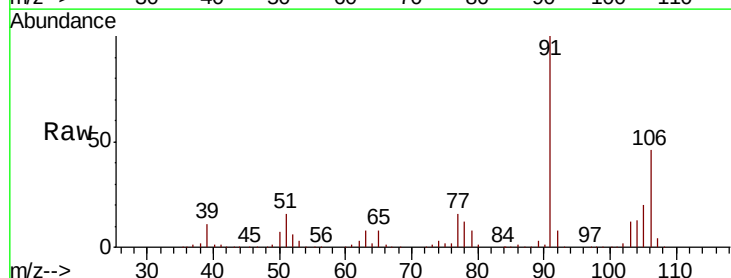
Instrument :
MSVOA_X
ClientSampled :
VX0402WBSD01

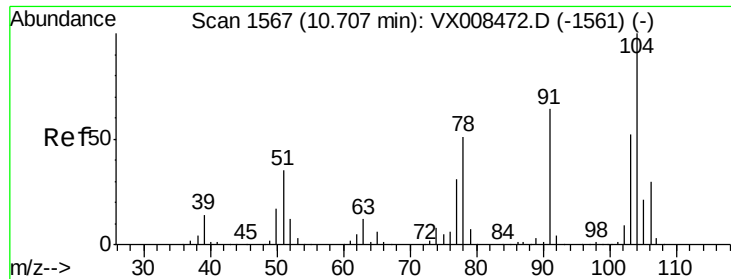
Tot Ion:106 Resp: 155545
Ion Ratio Lower Upper
106 100
91 209.8 157.0 235.4



#68
o-Xylene
Concen: 18.710 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion:106 Resp: 77278
Ion Ratio Lower Upper
106 100
91 219.0 104.4 313.2

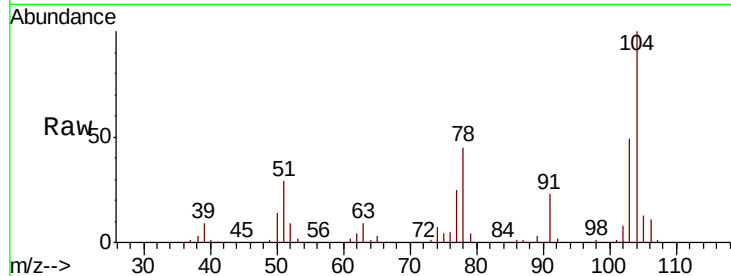




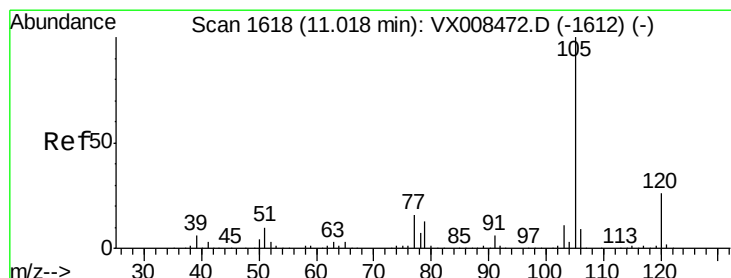
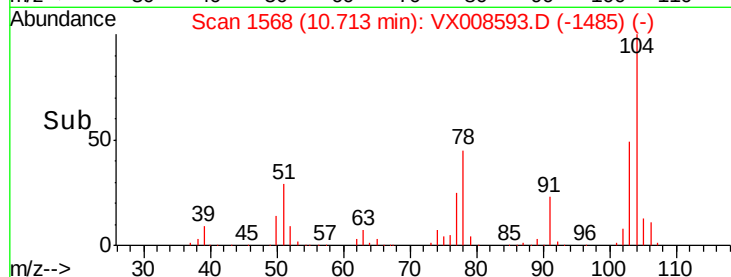
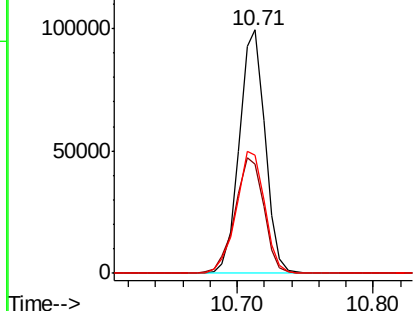
#69
Stvrene
Concen: 18.279 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion:104 Resp: 131367
Ion Ratio Lower Upper
104 100
78 53.0 38.2 57.2
103 55.1 45.0 67.4

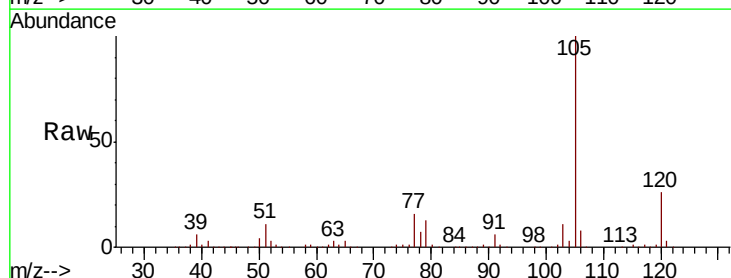


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

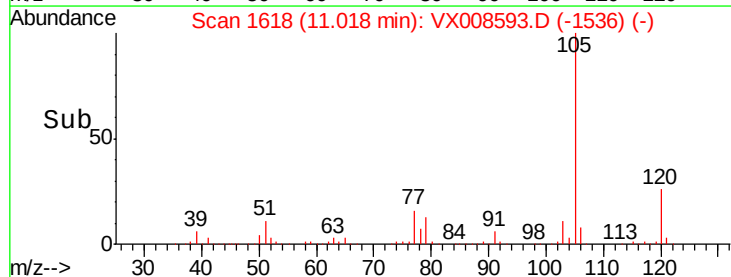
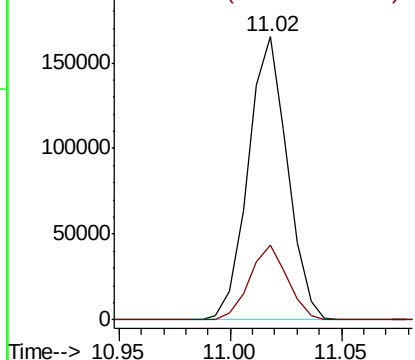


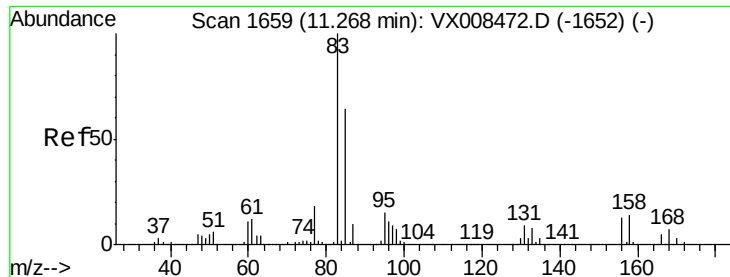
#70
Isopropylbenzene
Concen: 18.602 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion:105 Resp: 202669
Ion Ratio Lower Upper
105 100
120 25.7 19.8 36.8



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

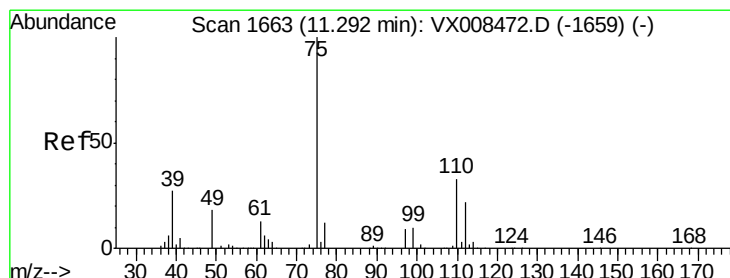
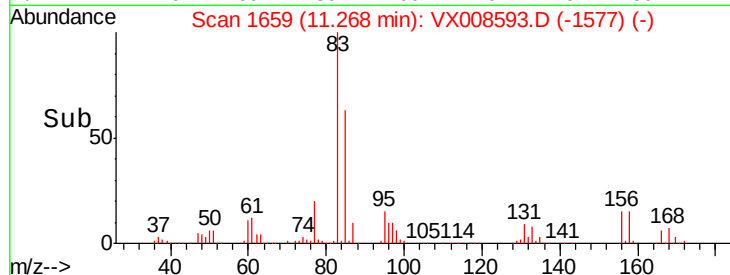
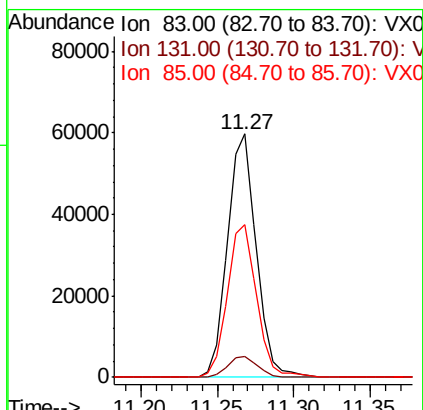
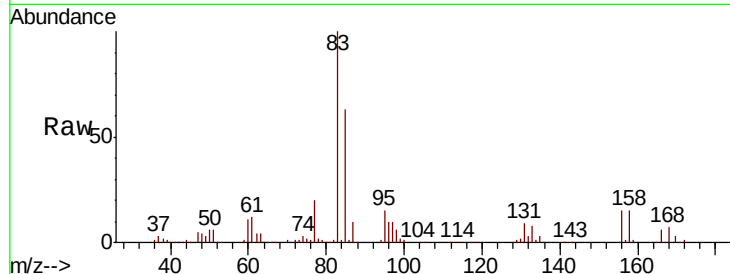




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.124 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

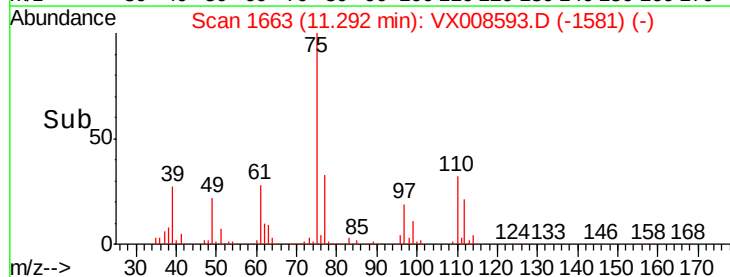
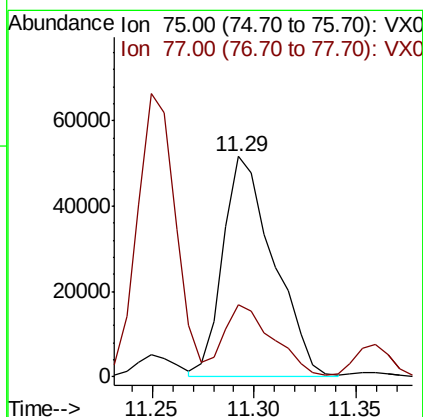
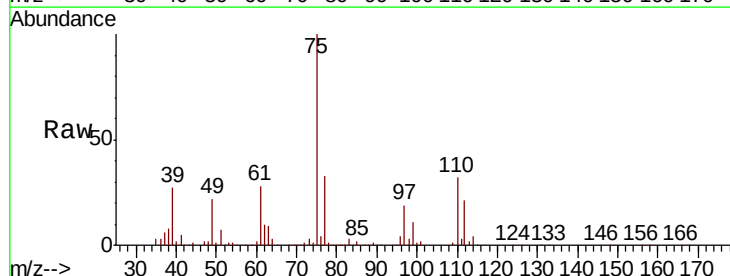
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

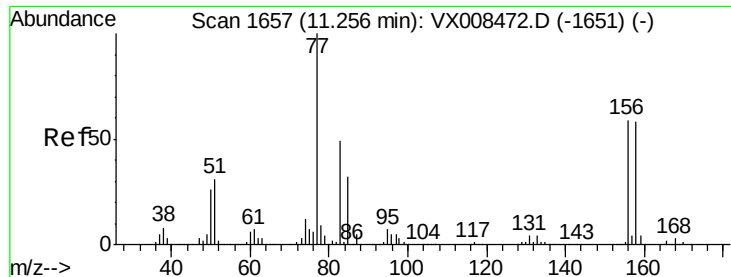
Tot Ion	83	Resp	77835
Ion Ratio	100		
Lower	5.4		
Upper	16.2		
85	64.2	32.8	98.4



#72
 1,2,3-Trichloropropane
 Concen: 25.966 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion	75	Resp	89332
Ion Ratio	100		
Lower	0.0		
Upper	76.4		
77	31.8		





#73

Bromobenzene

Concen: 18.439 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

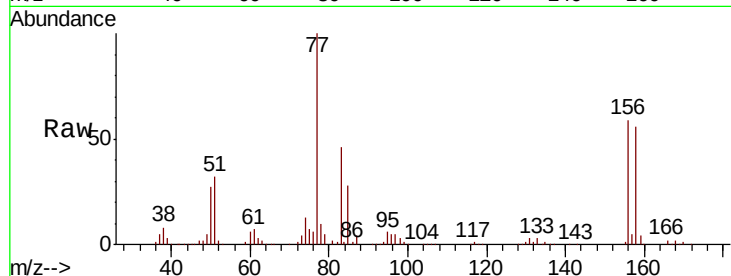
Tot Ion:156 Resp: 47795

Ion Ratio Lower Upper

156 100

77 180.7 0.0 271.4

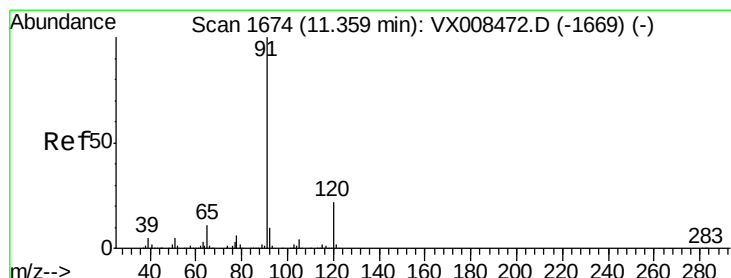
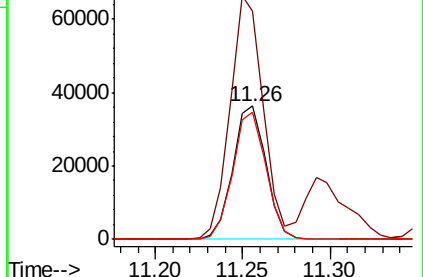
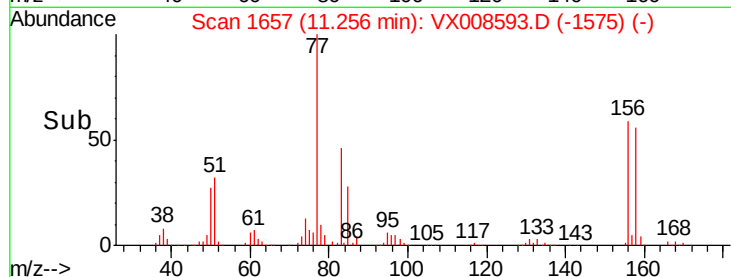
158 95.9 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.117 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008593.D

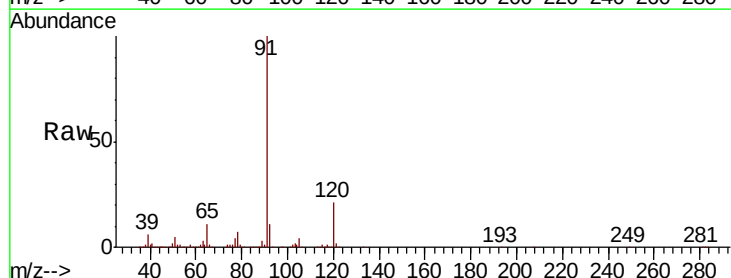
Acq: 02 Apr 2019 14:00

Tgt Ion: 91 Resp: 235150

Ion Ratio Lower Upper

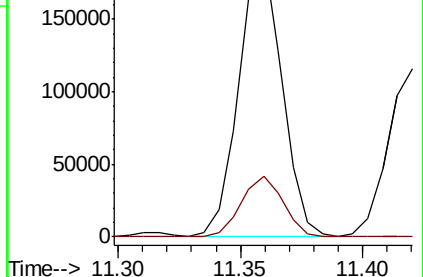
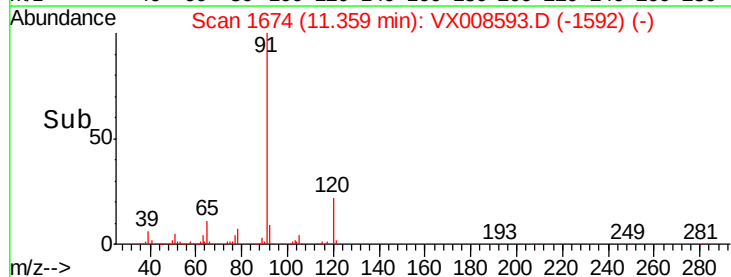
91 100

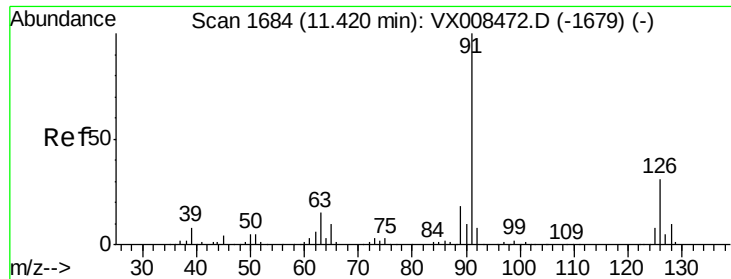
120 21.4 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.435 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

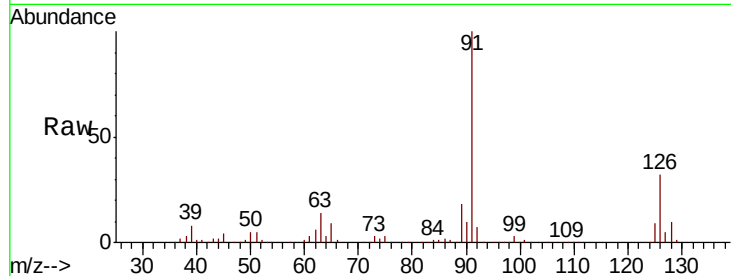
VX0402WBSD01

Tot Ion: 91 Resp: 142357

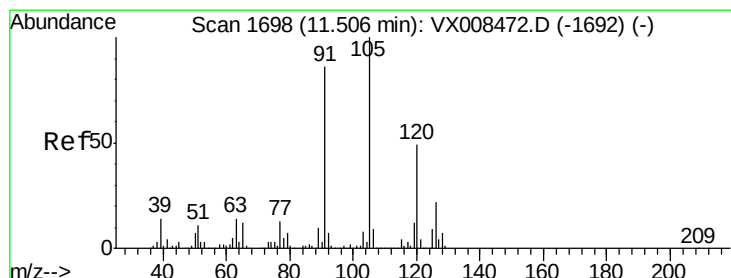
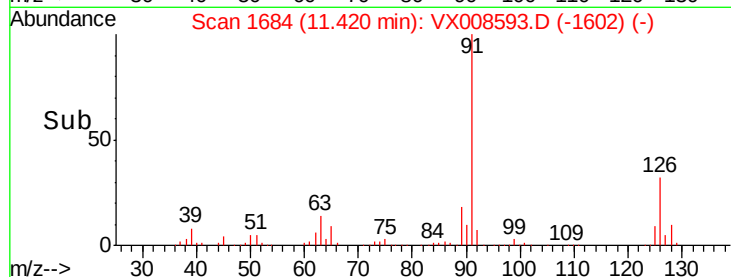
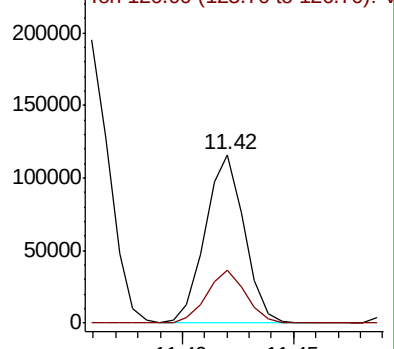
Ion Ratio Lower Upper

91 100

126 31.4 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.169 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008593.D

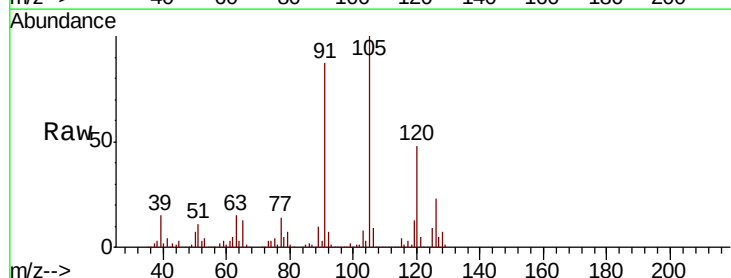
Acq: 02 Apr 2019 14:00

Tgt Ion:105 Resp: 169242

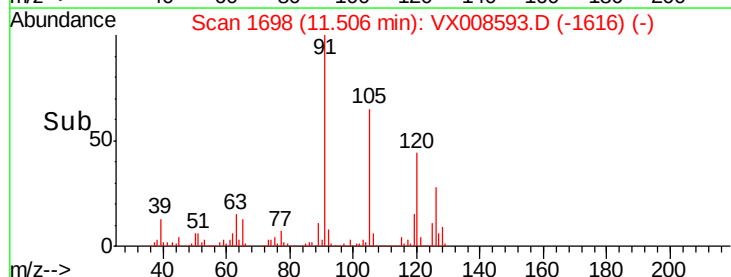
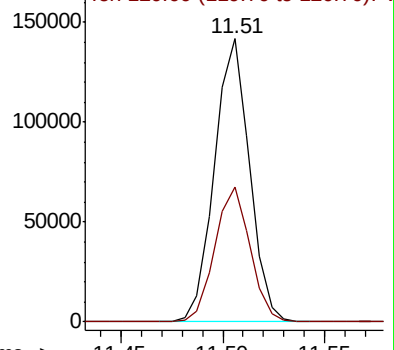
Ion Ratio Lower Upper

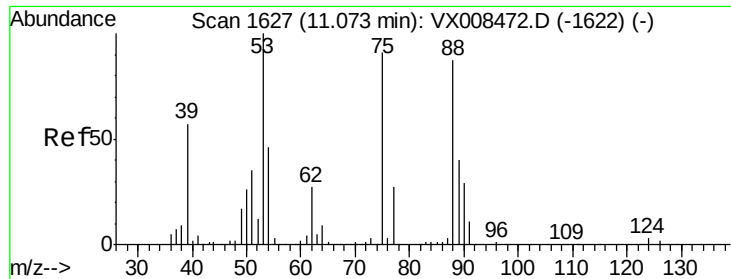
105 100

120 47.8 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.255 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

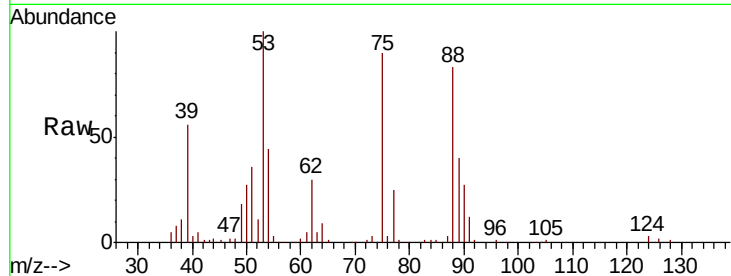
Tot Ion: 75 Resp: 22770

Ion Ratio Lower Upper

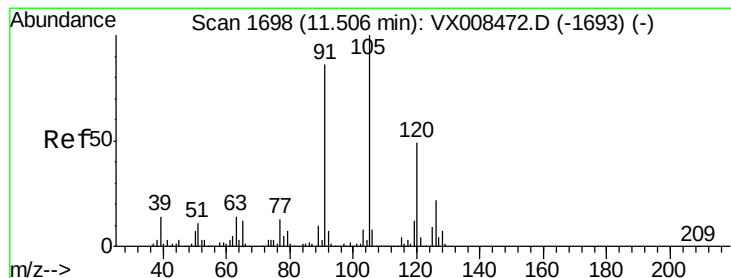
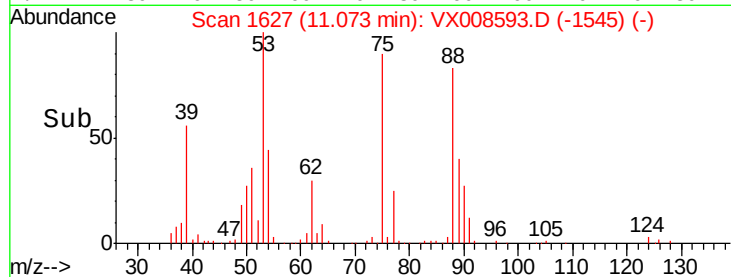
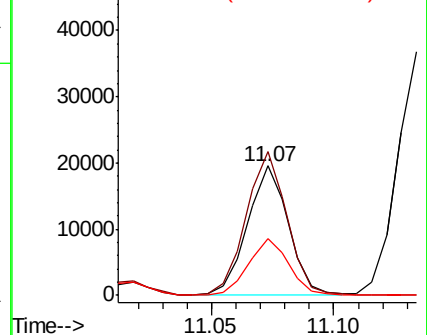
75 100

53 110.6 55.5 166.7

89 43.9 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.839 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008593.D

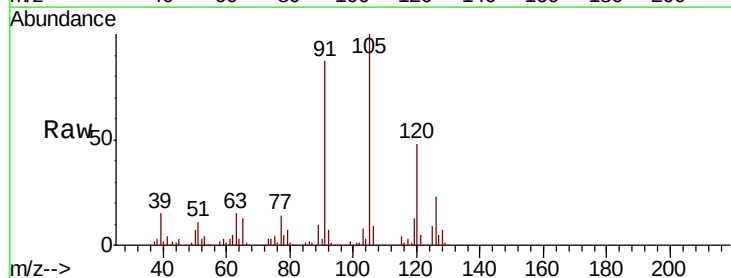
Acq: 02 Apr 2019 14:00

Tgt Ion: 91 Resp: 158537

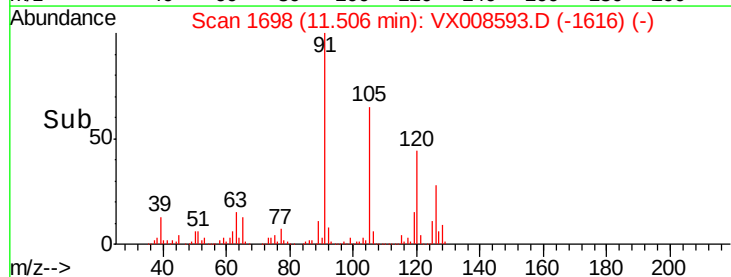
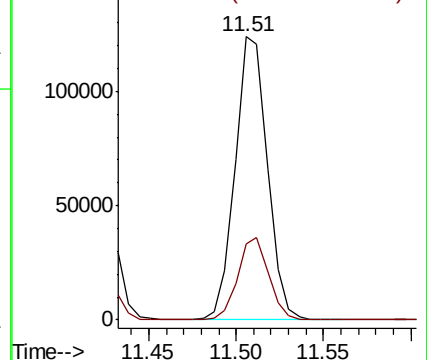
Ion Ratio Lower Upper

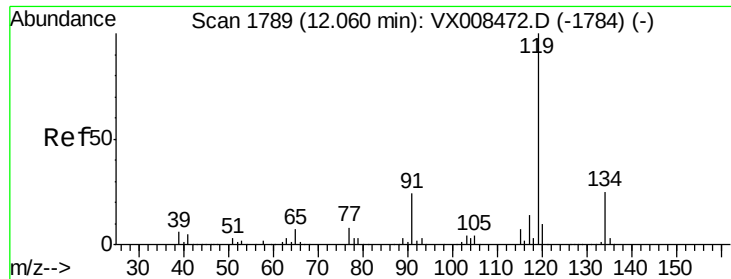
91 100

126 27.8 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

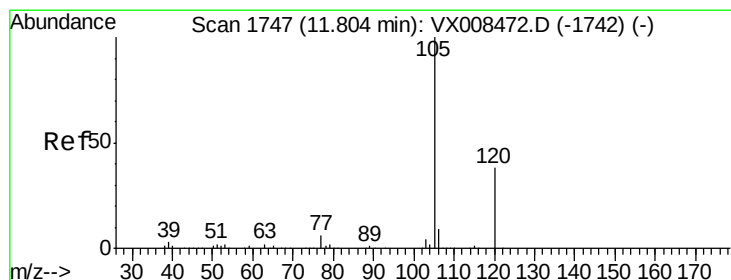
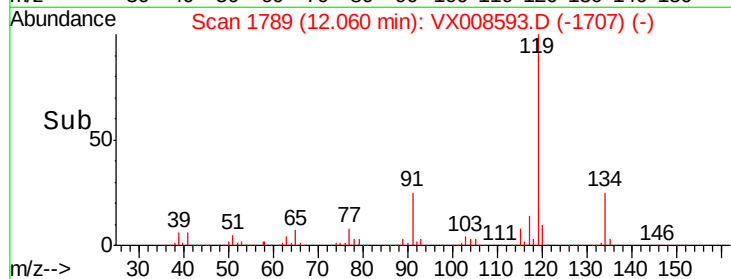
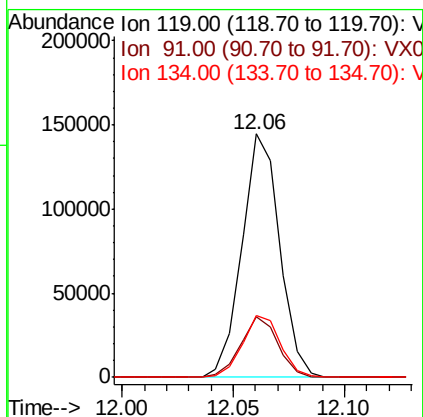
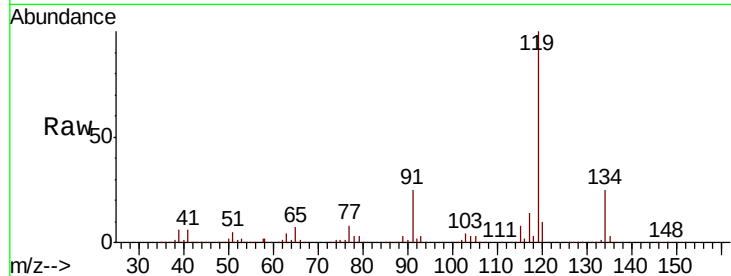




#79
tert-butylbenzene
Concen: 17.942 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

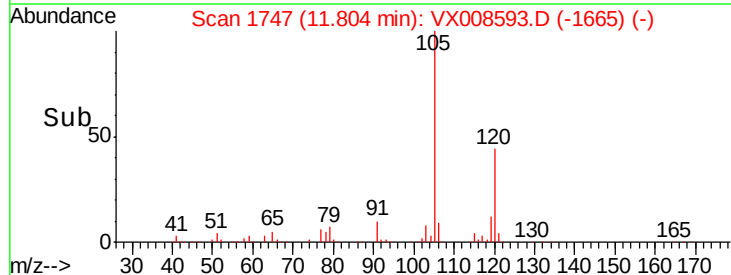
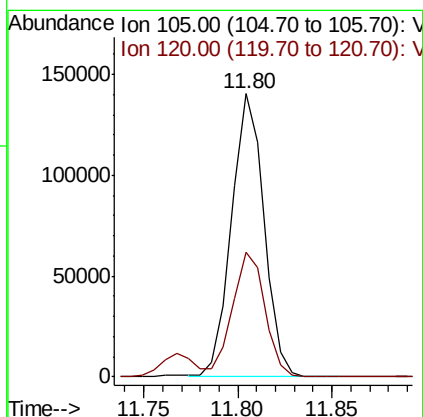
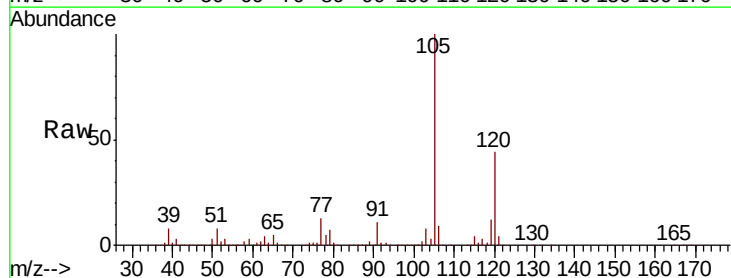
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

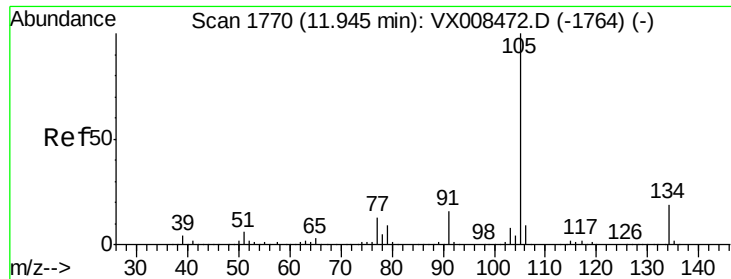
Tot Ion:119 Resp: 170788
Ion Ratio Lower Upper
119 100
91 24.7 0.0 45.0
134 25.7 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 18.099 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008593.D
Acq: 02 Apr 2019 14:00

Tgt Ion:105 Resp: 168094
Ion Ratio Lower Upper
105 100
120 43.5 0.0 94.0





#81

sec-Butylbenzene

Concen: 18.045 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

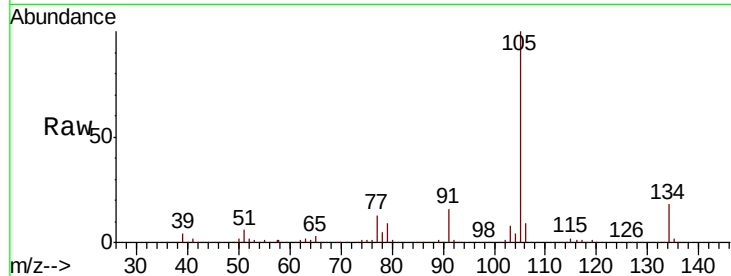
VX0402WBSD01

Tot Ion:105 Resp: 192049

Ion Ratio Lower Upper

105 100

134 18.7 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

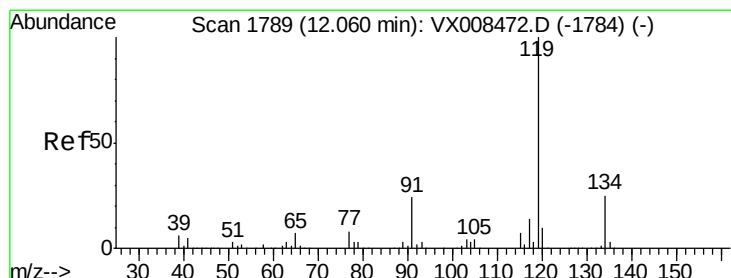
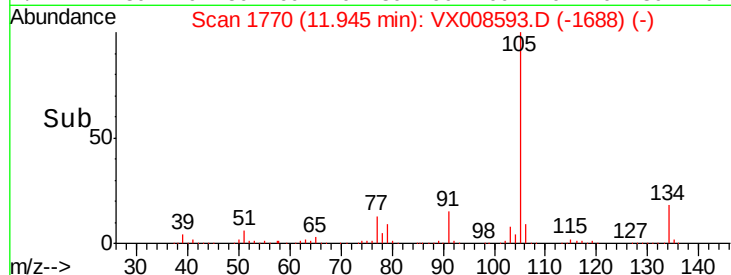
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 17.942 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

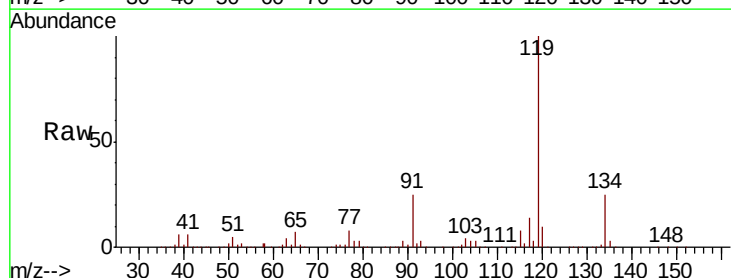
Tgt Ion:119 Resp: 170788

Ion Ratio Lower Upper

119 100

134 25.7 0.0 55.4

91 24.7 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

200000

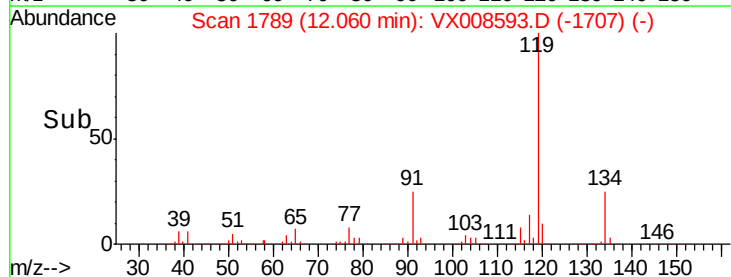
150000

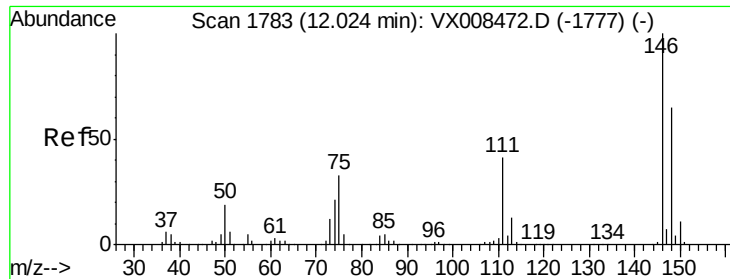
100000

50000

0

Time-->

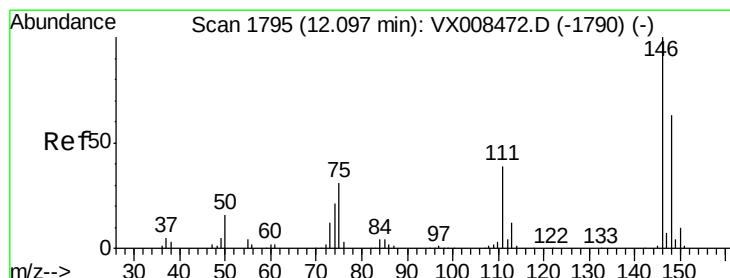
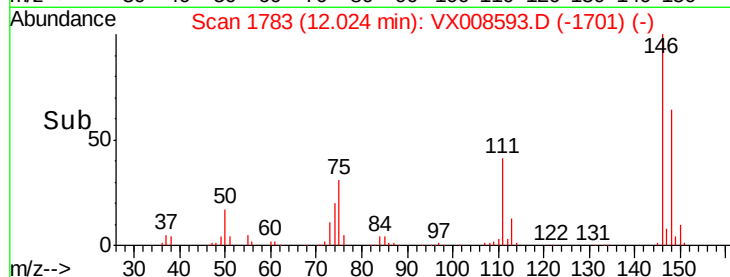
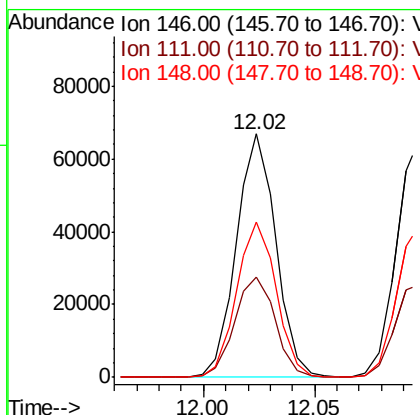
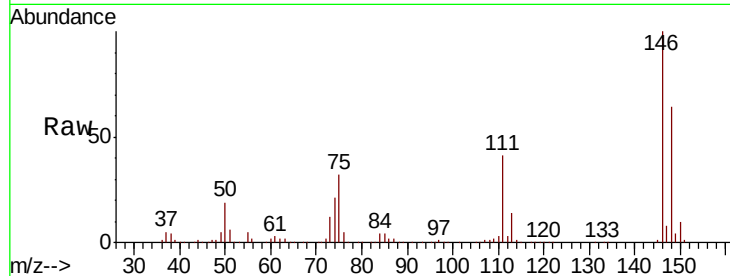




#83
 1,3-Dichlorobenzene
 Concen: 17.978 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

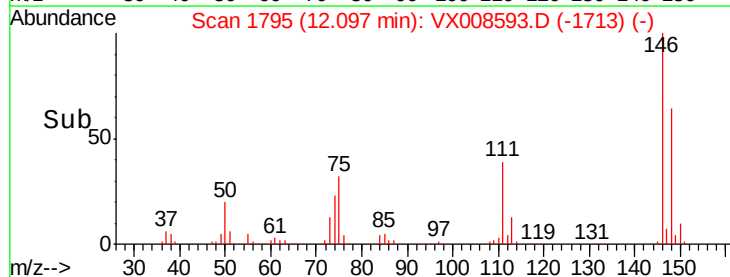
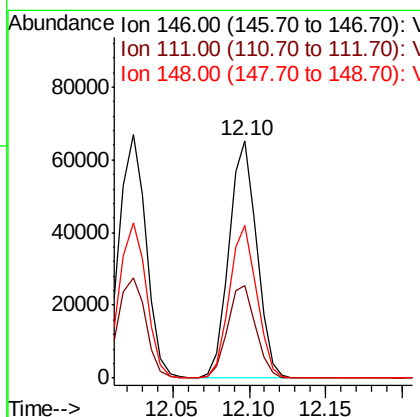
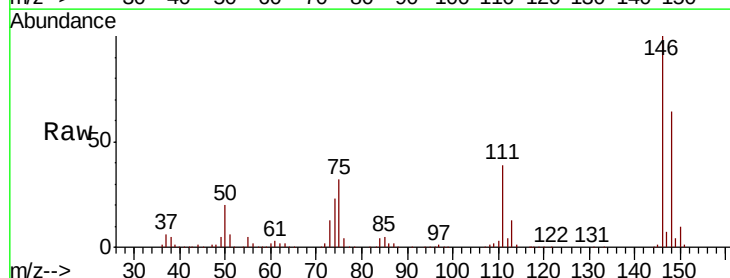
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

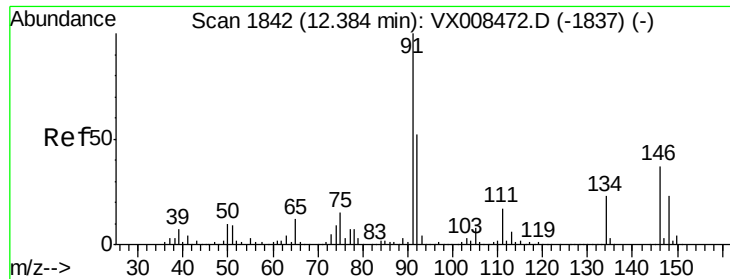
Tot Ion:146 Resp: 82731
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.8 56.3
 148 64.2 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 17.852 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion:146 Resp: 82095
 Ion Ratio Lower Upper
 146 100
 111 39.2 17.6 52.8
 148 63.2 31.4 94.2





#85

n-Butylbenzene

Concen: 16.978 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleID :

VX0402WBSD01

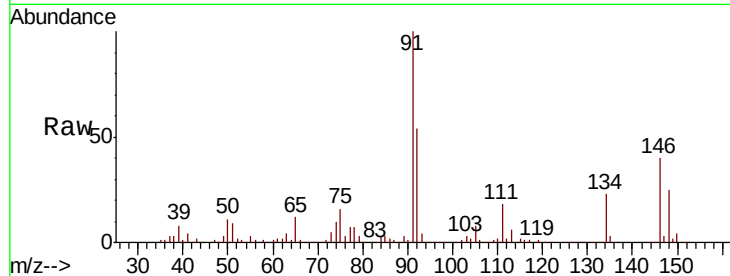
Tot Ion: 91 Resp: 153559

Ion Ratio Lower Upper

91 100

92 53.7 0.0 105.2

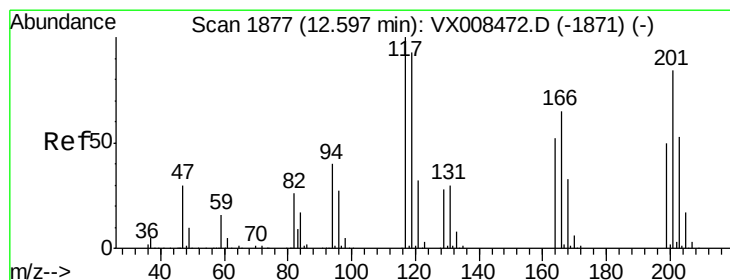
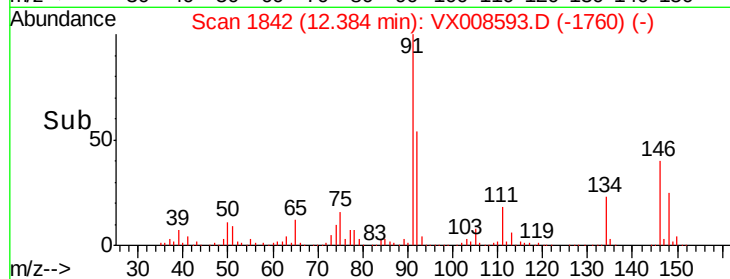
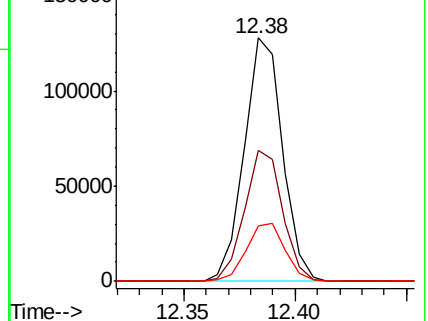
134 24.1 0.0 56.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 17.591 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008593.D

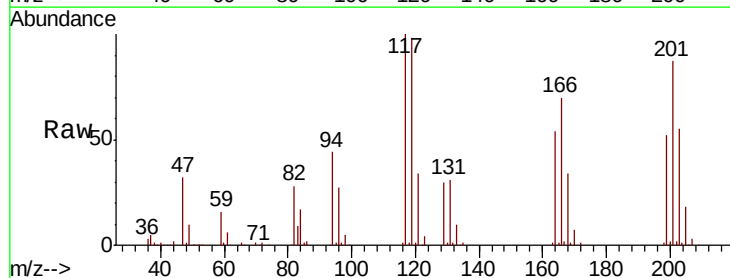
Acq: 02 Apr 2019 14:00

Tgt Ion: 117 Resp: 27978

Ion Ratio Lower Upper

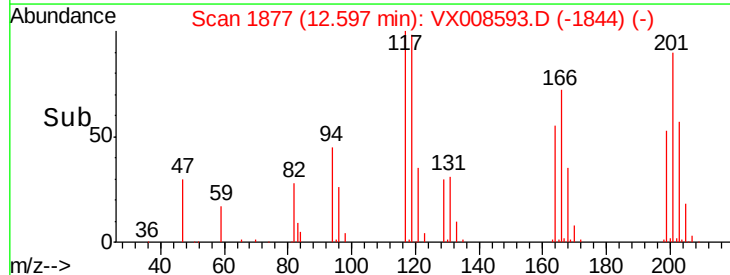
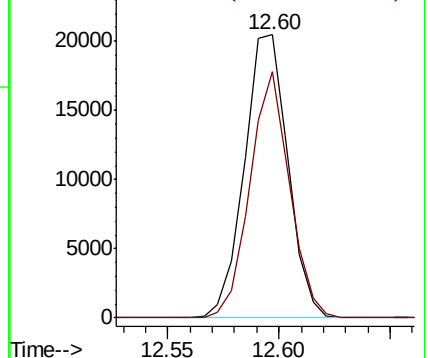
117 100

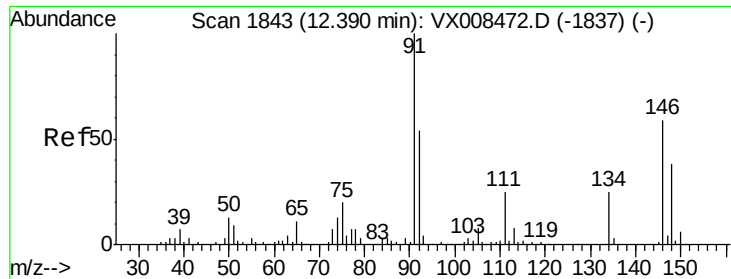
201 79.0 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 18.257 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

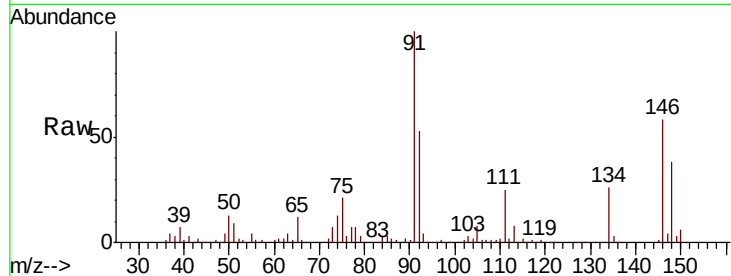
Tot Ion:146 Resp: 84655

Ion Ratio Lower Upper

146 100

111 43.0 19.3 57.8

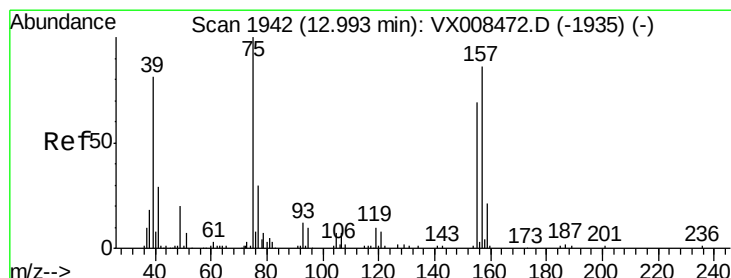
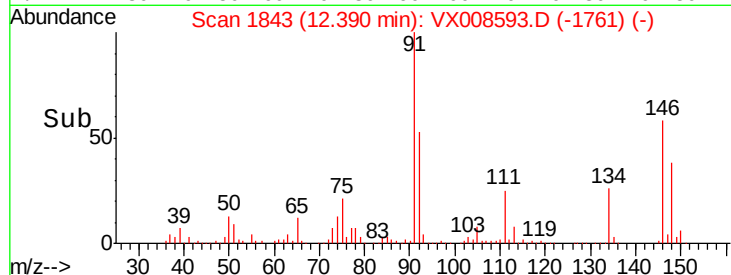
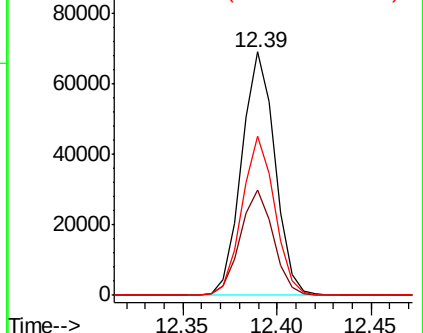
148 63.8 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.103 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.01 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

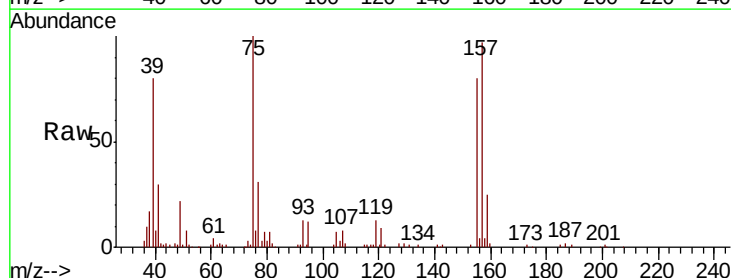
Tgt Ion: 75 Resp: 17233

Ion Ratio Lower Upper

75 100

155 78.5 81.0 121.6#

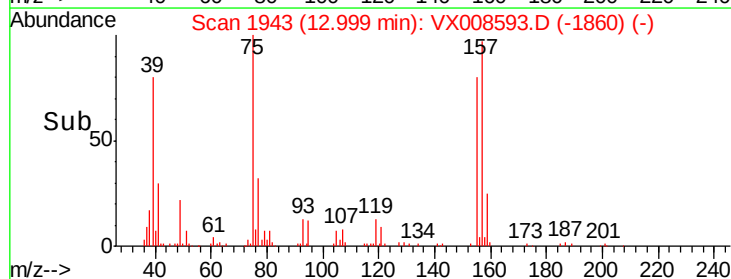
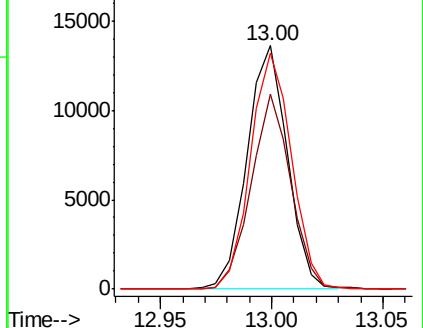
157 98.4 103.2 154.8#

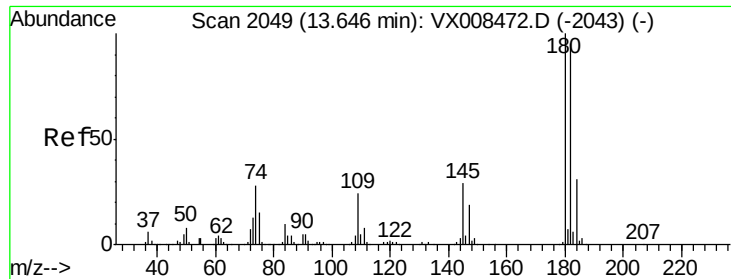


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

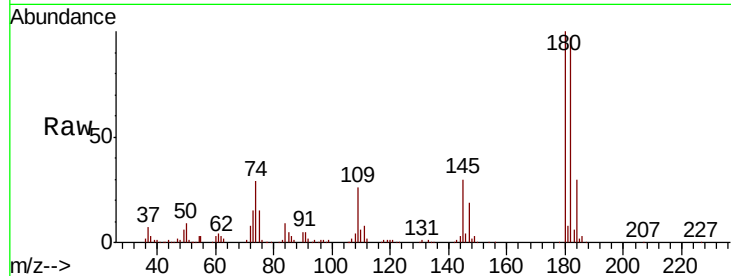




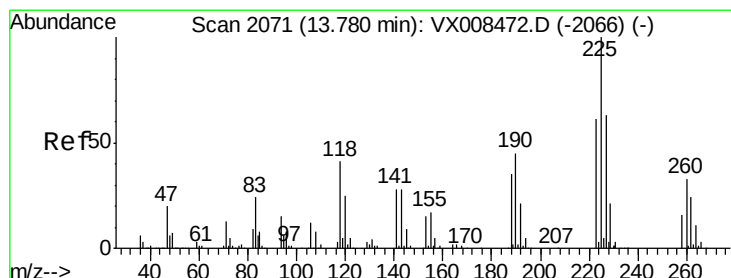
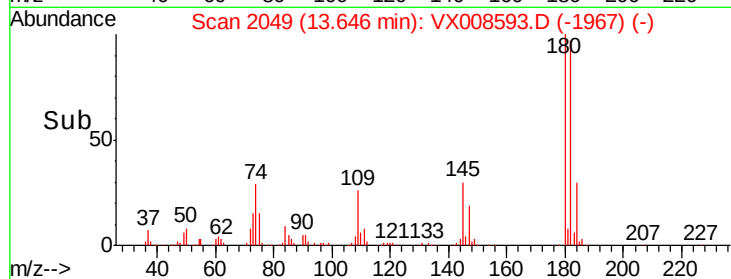
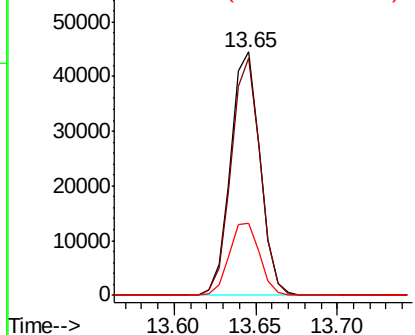
#89
 1,2,4-Trichlorobenzene
 Concen: 17.482 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion:180 Resp: 55914
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.6 113.4
 145 30.6 23.0 34.6

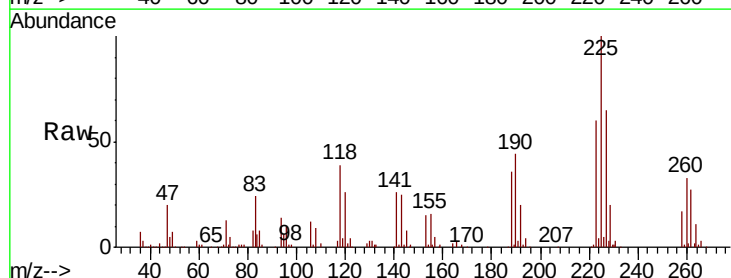


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

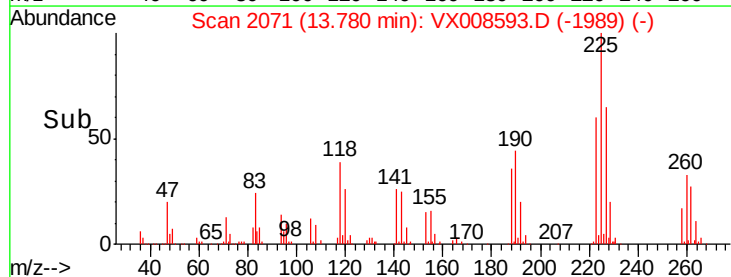
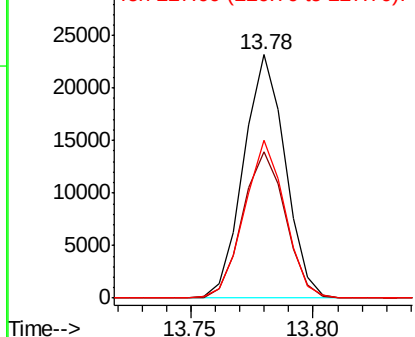


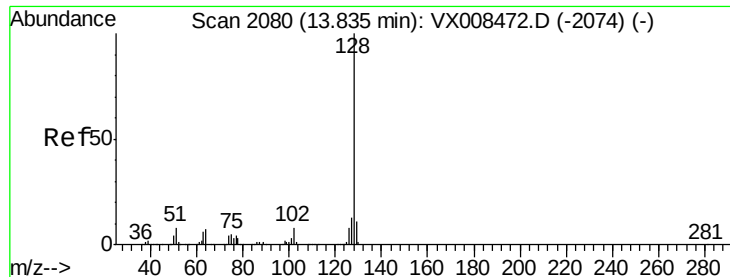
#90
 Hexachlorobutadiene
 Concen: 17.920 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008593.D
 Acq: 02 Apr 2019 14:00

Tgt Ion:225 Resp: 27613
 Ion Ratio Lower Upper
 225 100
 223 61.7 0.0 123.8
 227 63.4 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.228 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

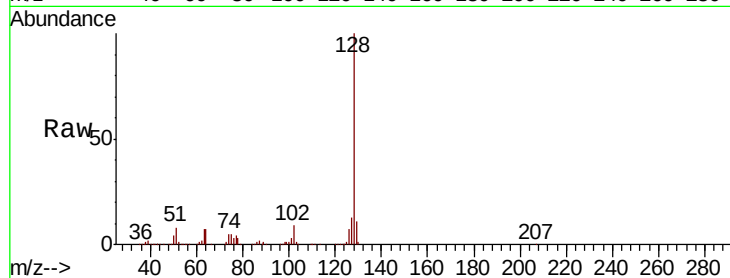
Tot Ion:128 Resp: 199748

Ion Ratio Lower Upper

128 100

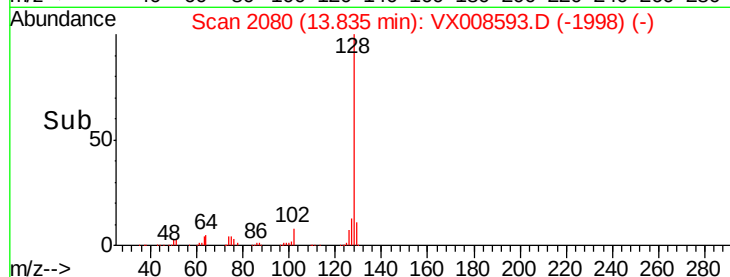
127 13.2 10.5 15.7

129 10.9 8.9 13.3

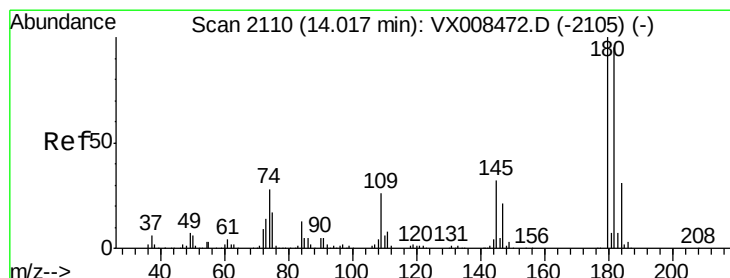


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#92

1,2,3-Trichlorobenzene

Concen: 18.419 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008593.D

Acq: 02 Apr 2019 14:00

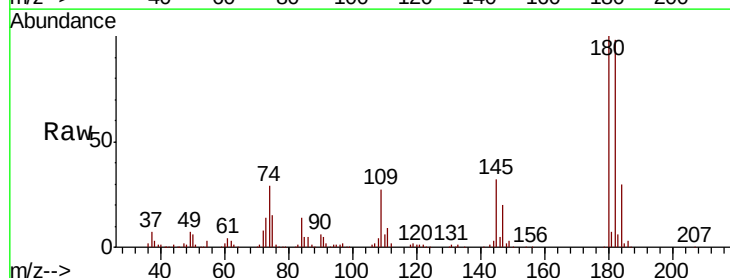
Tgt Ion:180 Resp: 59344

Ion Ratio Lower Upper

180 100

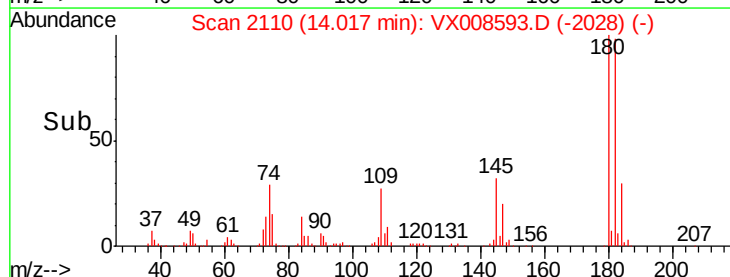
182 94.9 0.0 193.0

145 31.7 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

14.02



Time-->