

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031819\
 Data File : VX008162.D
 Acq On : 18 Mar 2019 12:07
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 18 12:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 11:50:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	55508	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	315766	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	273875	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	138657	29.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.33%
60) 4-Bromofluorobenzene	11.13	95	139090	30.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.67%
63) Toluene-d8	8.71	98	394326	29.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.83%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	355917	146.858	ug/l	97
3) Chloromethane	1.32	50	423240	141.199	ug/l	96
4) Vinyl Chloride	1.41	62	434593	139.951	ug/l	97
5) Bromomethane	1.64	94	391214	190.559	ug/l	99
6) Chloroethane	1.70	64	285850	152.802	ug/l	94
7) Trichlorofluoromethane	1.92	101	539909	142.805	ug/l	98
8) Diethyl Ether	2.19	74	315074	144.457	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.38	101	395393	146.664	ug/l	92
10) 1,1-Dichloroethene	2.37	96	384634	150.609	ug/l #	82
11) Methyl Iodide	2.51	142	528036	175.053	ug/l	97
12) Methyl Acetate	2.78	43	637814	150.060	ug/l	94
13) Acrolein	2.29	56	443044	737.540	ug/l	97
14) Acrylonitrile	3.15	53	1365351	732.240	ug/l	99
15) Acetone	2.45	58	407616	619.730	ug/l	93
16) Carbon Disulfide	2.57	76	1239001	153.991	ug/l	100
17) Allyl chloride	2.73	41	866849	160.281	ug/l	92
18) Methylene Chloride	2.85	84	434364	144.618	ug/l	88
19) trans-1,2-Dichloroethene	3.17	96	409588	149.258	ug/l	90
20) Diisopropyl ether	3.86	45	1619223	148.840	ug/l #	96
21) 1,1-Dichloroethane	3.70	63	839430	150.157	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	468238	149.498	ug/l #	81
23) tert-Butyl Alcohol	3.07	59	517910	752.480	ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	1396328	151.348	ug/l	98
25) Chloroform	5.21	83	775001	145.009	ug/l	97
26) Cyclohexane	5.58	56	803636	154.709	ug/l #	85
29) 1,1-Dichloropropene	5.80	75	614989	152.618	ug/l	93
30) 2-Butanone	4.68	43	2041342	669.835	ug/l	94
31) 2,2-Dichloropropane	4.59	77	636167	158.045	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	661175	153.126	ug/l	95
33) Carbon Tetrachloride	5.79	117	562006	159.389	ug/l	97
34) Benzene	6.14	78	1809397	147.440	ug/l #	96
35) Methacrylonitrile	5.05	41	415818	149.629	ug/l	93
36) 1,2-Dichloroethane	6.20	62	655041	145.098	ug/l	96
37) Trichloroethene	7.21	130	434533	150.376	ug/l	83
38) Methylcyclohexane	7.46	83	754940	155.246	ug/l	90
39) 1,2-Dichloropropane	7.51	63	498625	149.424	ug/l	99
40) Dibromomethane	7.66	93	300418	147.286	ug/l	89

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

41) Bromodichloromethane	7.90	83	602743	153.779	ug/l	99
42) Vinyl Acetate	3.82	43	7286968	760.578	ug/l	95
43) Ethyl Acetate	4.84	43	751847	144.109	ug/l #	83
44) Isopropyl Acetate	6.45	43	1210838	156.214	ug/l	98
45) 1,4-Dioxane	7.74	88	218362	2958.982	ug/l #	86
46) Methyl methacrylate	7.77	41	633076	153.851	ug/l	87
47) n-amyl Acetate	10.90	43	1069388	159.217	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	708111	170.207	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	763635	163.299	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	431434	146.974	ug/l	97
51) Ethyl methacrylate	9.18	69	730317	155.767	ug/l	92
52) 1,3-Dichloropropane	9.37	76	763517	142.955	ug/l	99
53) Dibromochloromethane	9.59	129	440762	157.265	ug/l	99
54) 1,2-Dibromoethane	9.67	107	452140	143.815	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	2716992	776.611	ug/l	95
56) Bromoform	10.86	173	327239	164.658	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	3796126	728.150	ug/l	97
59) 2-Hexanone	9.49	43	2973161	699.877	ug/l	97
61) Tetrachloroethene	9.34	164	397744	147.450	ug/l	97
62) Toluene	8.79	91	1873283	148.893	ug/l	99
64) Chlorobenzene	10.14	112	1111442	147.663	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	402798	155.840	ug/l	98
66) Ethyl Benzene	10.25	91	2038678	153.976	ug/l	96
67) m/p-Xylenes	10.36	106	1521404	310.841	ug/l	92
68) o-Xylene	10.70	106	729484	154.442	ug/l	91
69) Styrene	10.71	104	1212260	158.070	ug/l	96
70) Isopropylbenzene	11.02	105	1945039	152.643	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.27	83	675625	145.398	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	844542	207.604	ug/l	88
73) Bromobenzene	11.26	156	455583	151.533	ug/l	79
74) n-propylbenzene	11.36	91	2325906	156.524	ug/l	95
75) 2-Chlorotoluene	11.42	91	1341812	150.262	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	1638810	155.729	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	239589	180.285	ug/l	88
78) 4-Chlorotoluene	11.51	91	1593651	157.535	ug/l	91
79) tert-butylbenzene	12.07	119	1682610	159.761	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	1650318	155.886	ug/l	95
81) sec-Butylbenzene	11.94	105	1946864	156.000	ug/l	96
82) p-Isopropyltoluene	12.07	119	1682610	159.761	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	838783	154.912	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	839666	159.930	ug/l	96
85) n-Butylbenzene	12.39	91	1676943	175.630	ug/l	97
86) Hexachloroethane	12.60	117	304531	171.065	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	844771	156.903	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	160930	165.731	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	578834	171.918	ug/l	99
90) Hexachlorobutadiene	13.78	225	282409	162.854	ug/l	98
91) Naphthalene	13.83	128	1889938	170.961	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	571967	169.710	ug/l	98

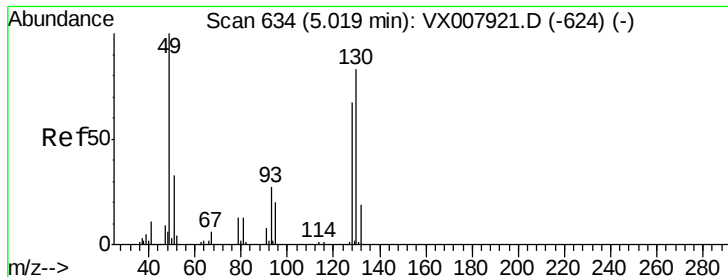
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

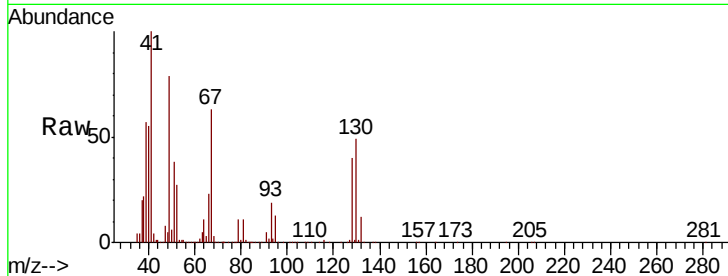
Tgt Ion:128 Resp: 55508

Ion Ratio Lower Upper

128 100

49 206.0 0.0 350.8

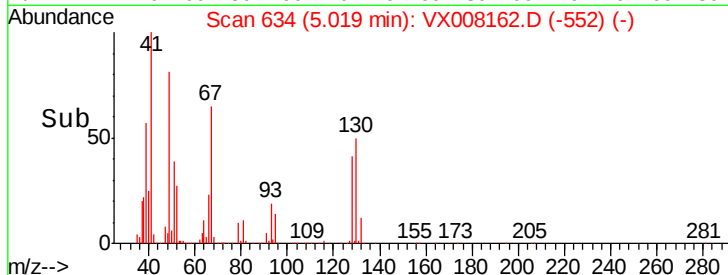
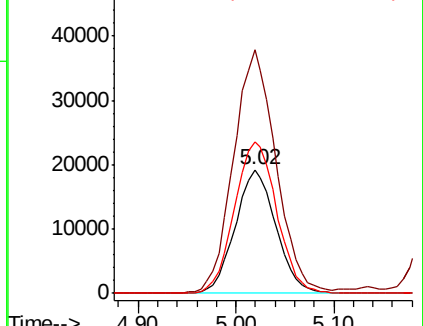
130 127.6 0.0 325.8



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: 146.858 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008162.D

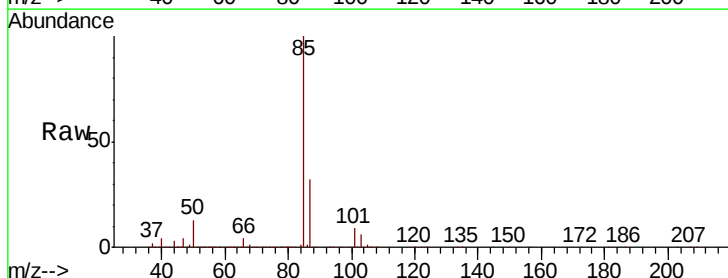
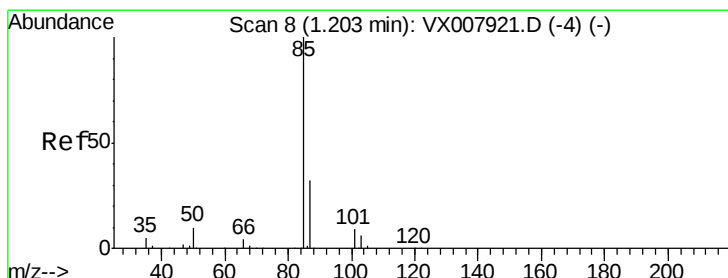
Acq: 18 Mar 2019 12:07

Tgt Ion: 85 Resp: 355917

Ion Ratio Lower Upper

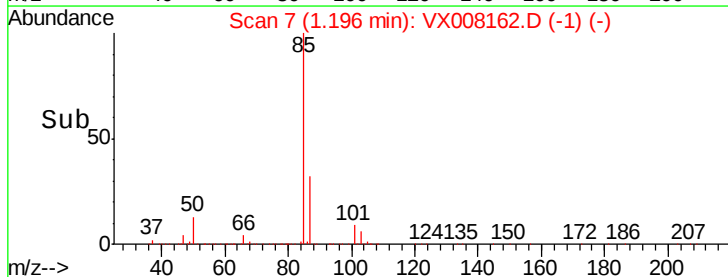
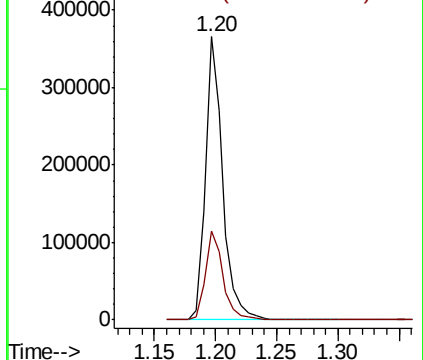
85 100

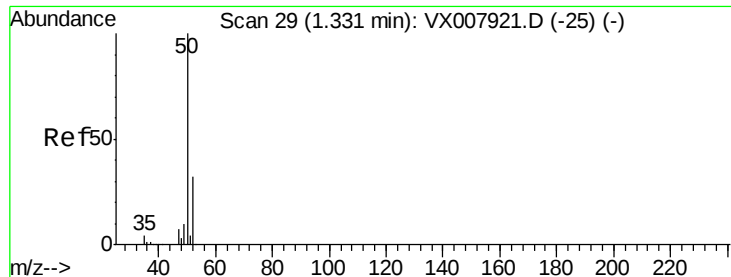
87 31.6 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 141.199 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

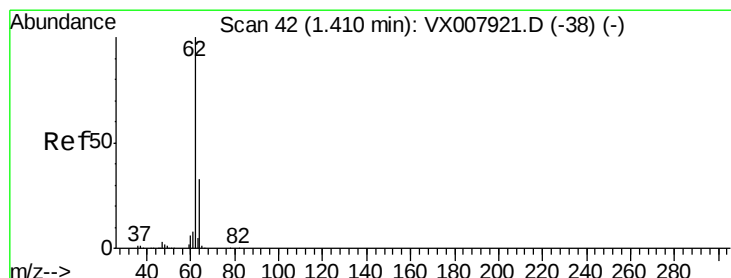
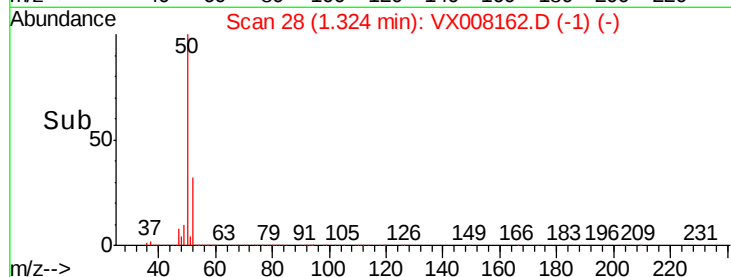
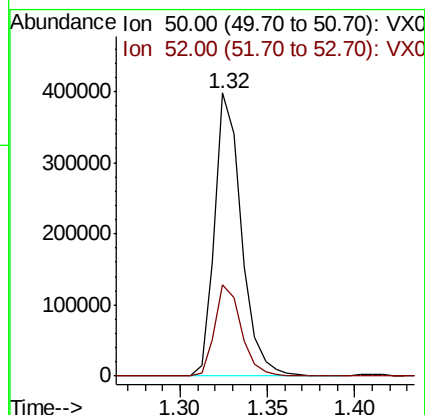
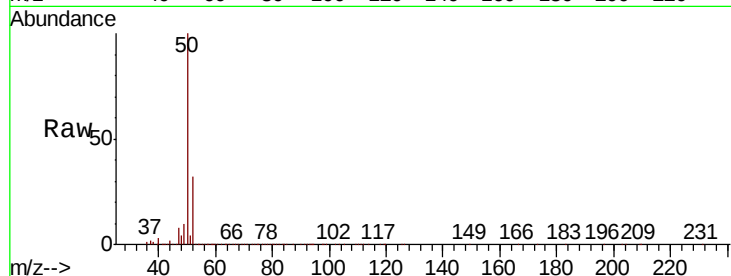
VSTDIC150

Tgt Ion: 50 Resp: 423240

Ion Ratio Lower Upper

50 100

52 32.3 27.5 41.3



#4

Vinyl Chloride

Concen: 139.951 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008162.D

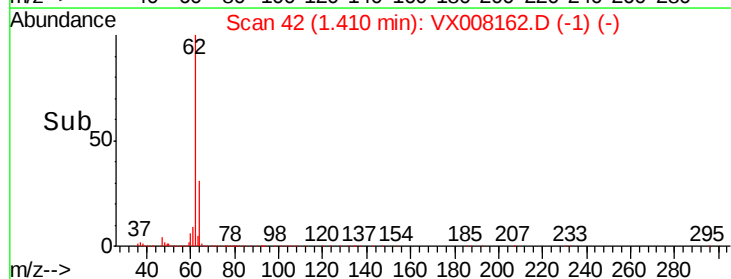
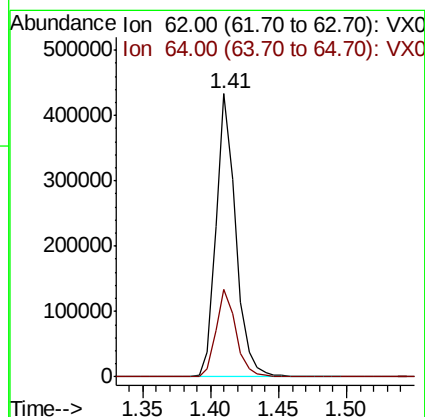
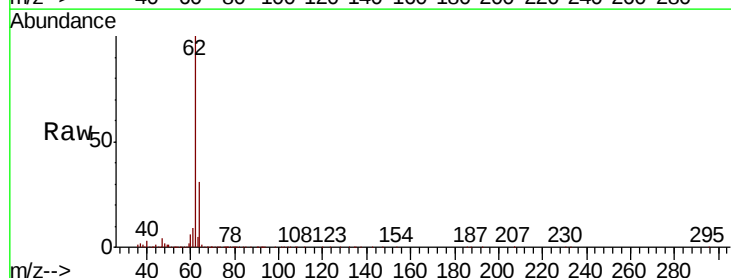
Acq: 18 Mar 2019 12:07

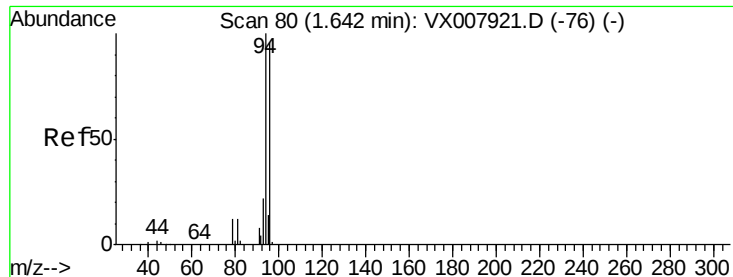
Tgt Ion: 62 Resp: 434593

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9





#5

Bromomethane

Concen: 190.559 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

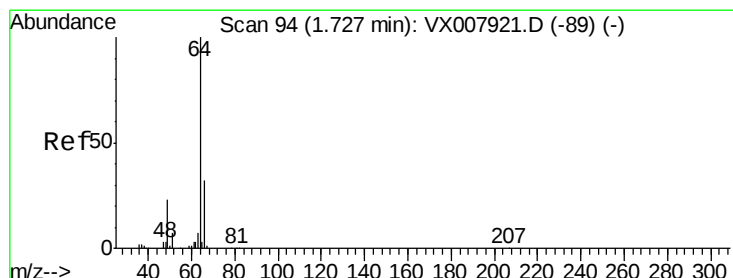
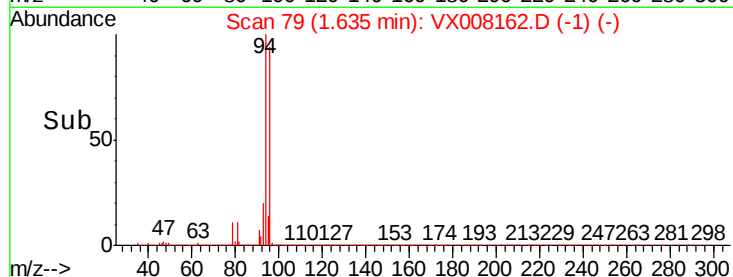
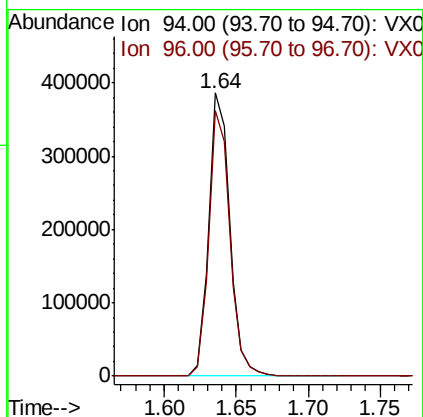
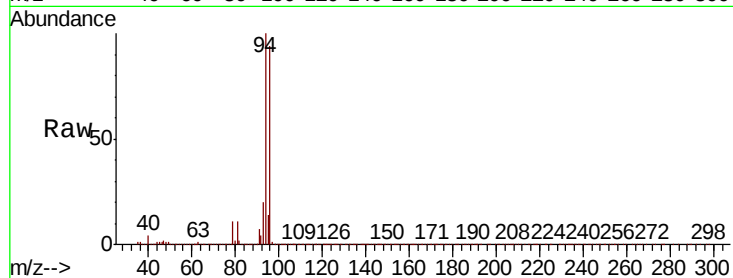
VSTDIC150

Tgt Ion: 94 Resp: 391214

Ion Ratio Lower Upper

94 100

96 93.7 75.6 113.4



#6

Chloroethane

Concen: 152.802 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX008162.D

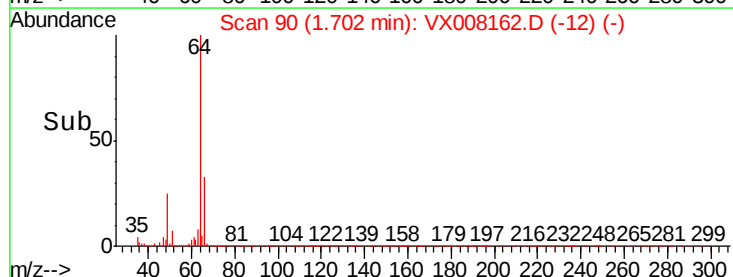
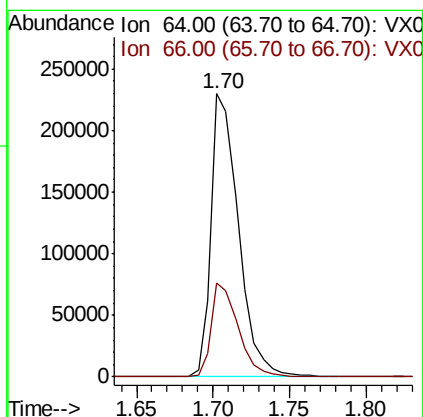
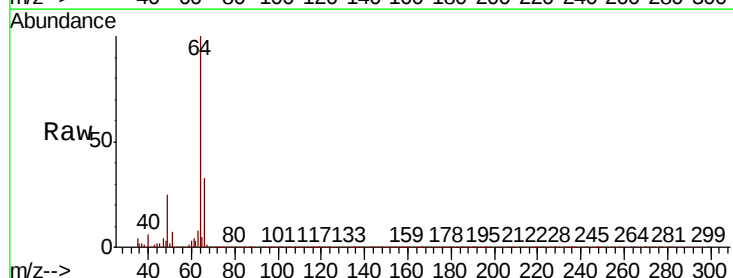
Acq: 18 Mar 2019 12:07

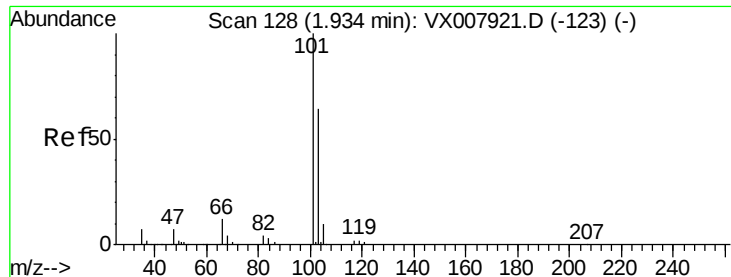
Tgt Ion: 64 Resp: 285850

Ion Ratio Lower Upper

64 100

66 33.2 23.9 35.9



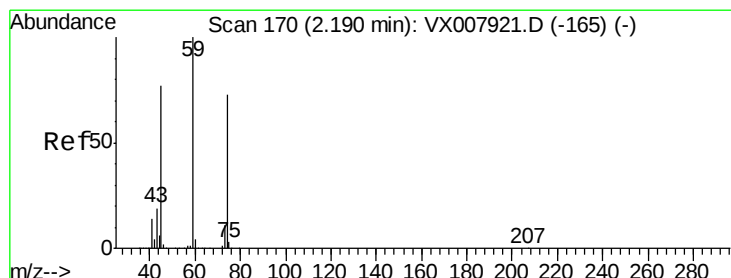
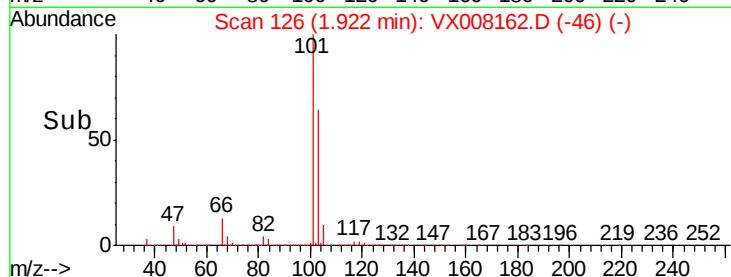
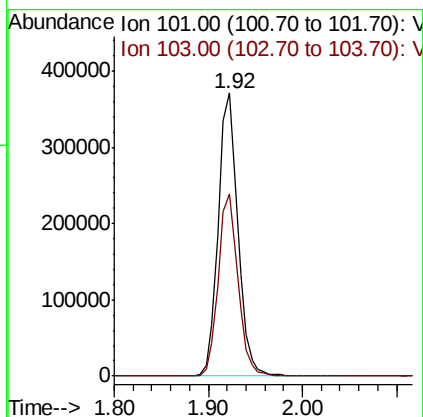
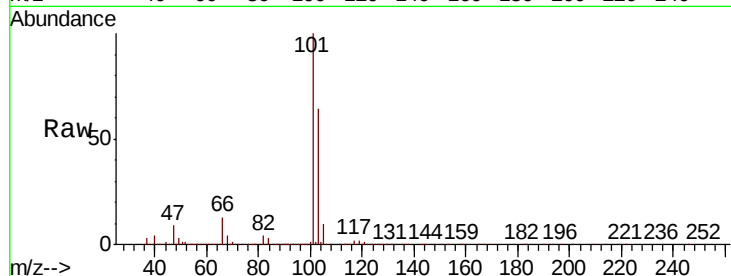


#7

Trichlorofluoromethane
 Concen: 142.805 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Instrument :
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 ClientSampleId :
 VSTDIC150

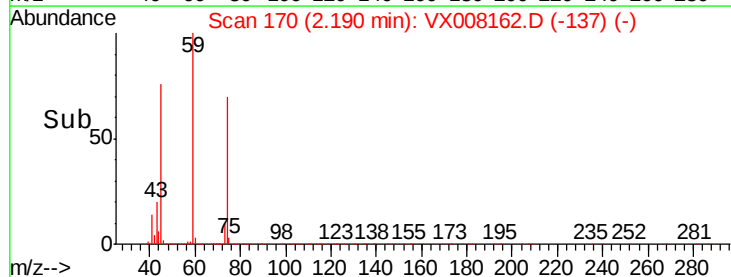
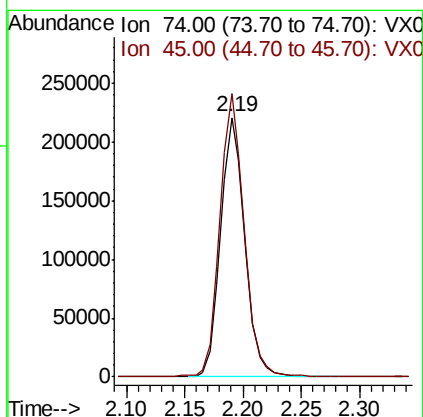
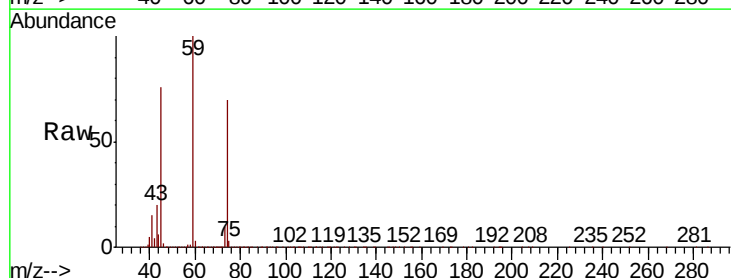
Tgt Ion:101 Resp: 539909
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.4 75.6

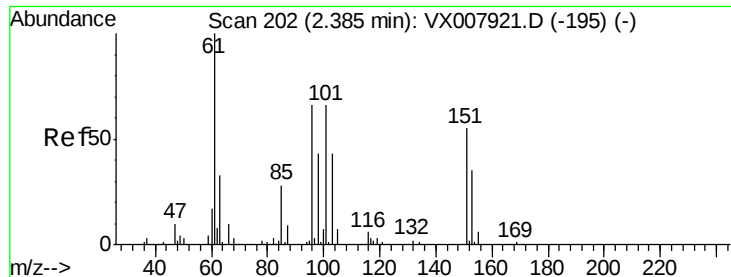


#8

Diethyl Ether
 Concen: 144.457 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion: 74 Resp: 315074
 Ion Ratio Lower Upper
 74 100
 45 108.7 18.6 167.8

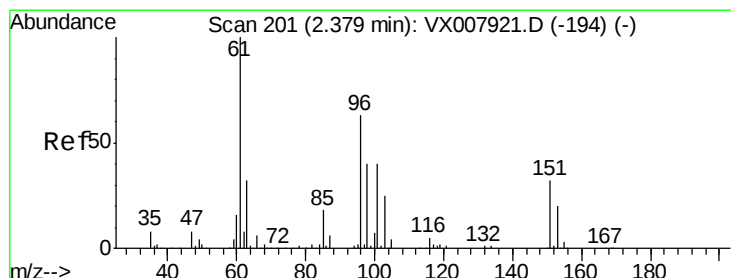
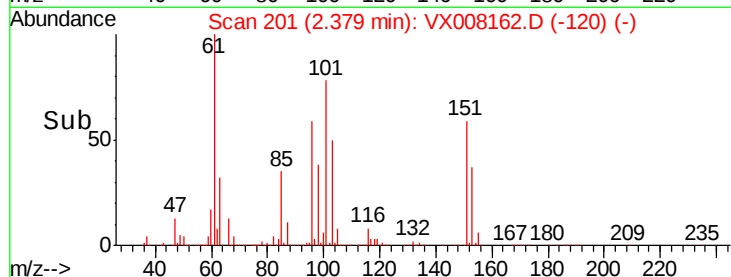
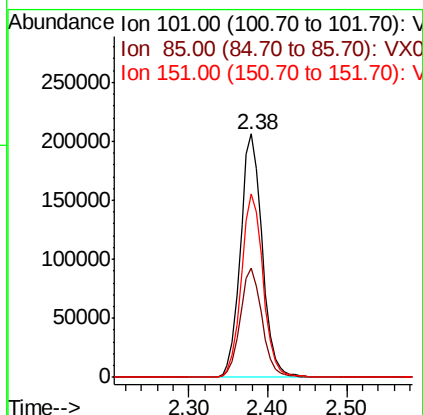
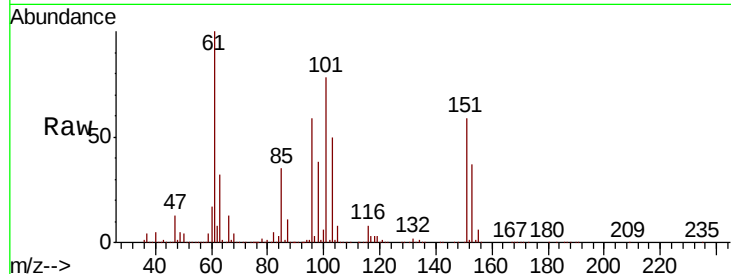




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 146.664 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

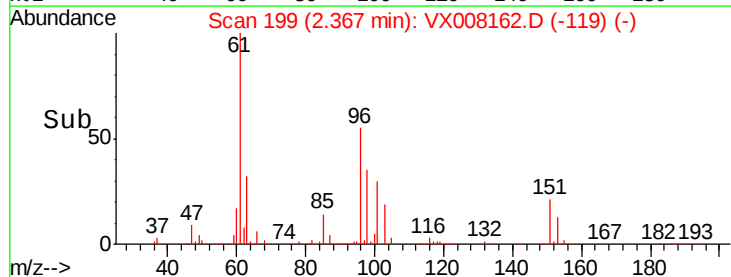
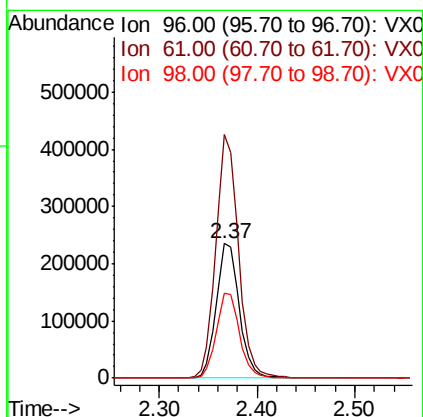
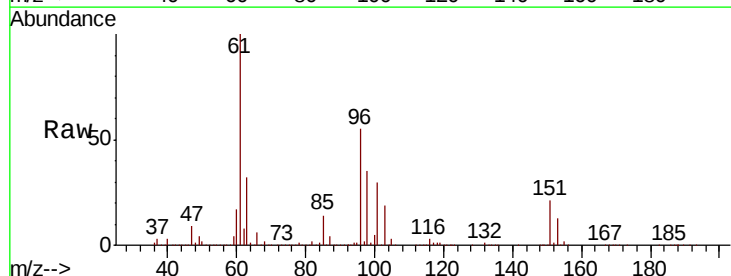
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

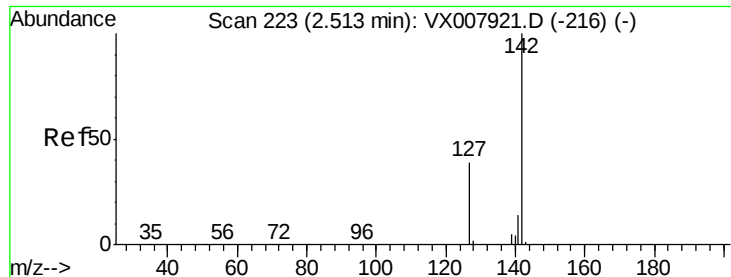
Tgt Ion: 101 Resp: 395393
 Ion Ratio Lower Upper
 101 100
 85 45.0 0.0 86.8
 151 75.3 0.0 169.2



#10
 1,1-Dichloroethene
 Concen: 150.609 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion: 96 Resp: 384634
 Ion Ratio Lower Upper
 96 100
 61 181.3 120.2 180.2#
 98 63.7 49.0 73.4

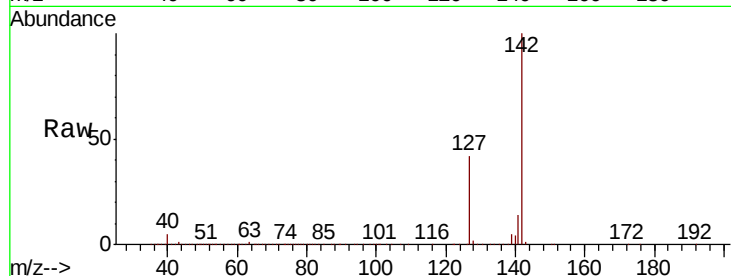




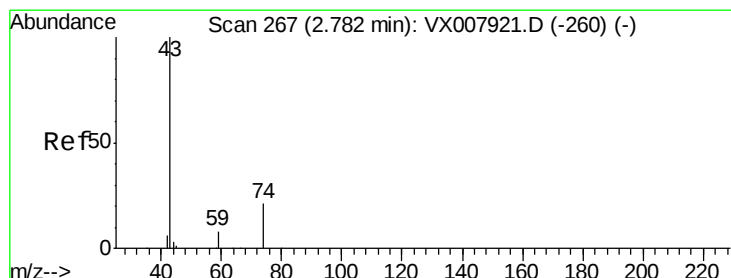
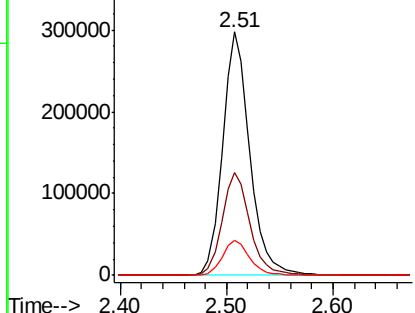
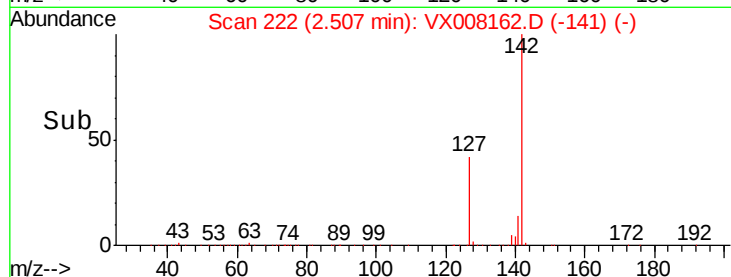
#11
Methyl Iodide
Concen: 175.053 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:142 Resp: 528036
Ion Ratio Lower Upper
142 100
127 42.4 22.1 66.5
141 14.2 7.4 22.3

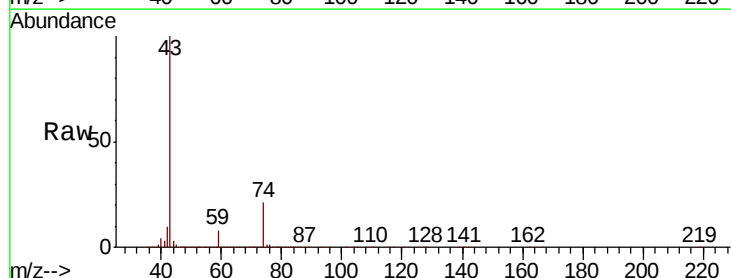


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

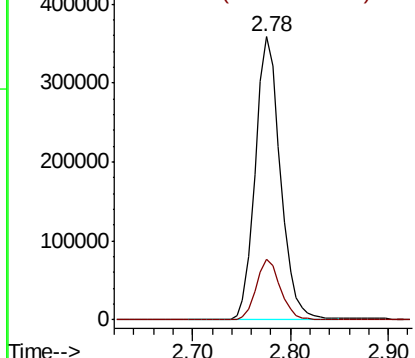
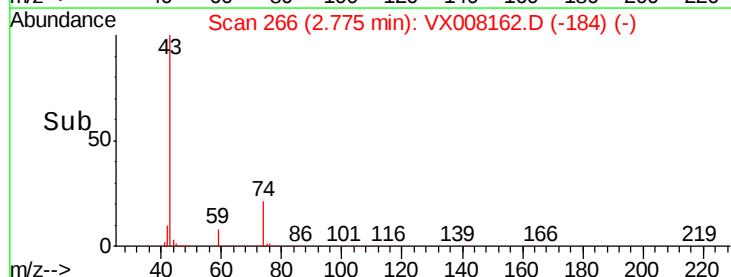


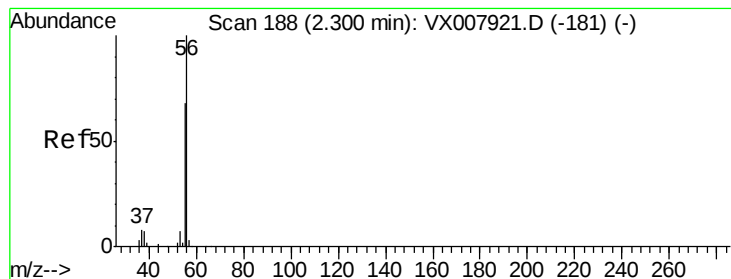
#12
Methyl Acetate
Concen: 150.060 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 43 Resp: 637814
Ion Ratio Lower Upper
43 100
74 21.4 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: 737.540 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

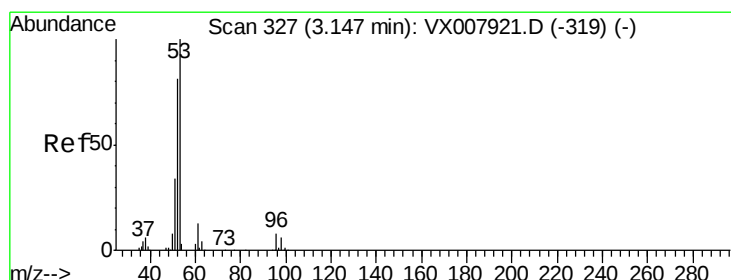
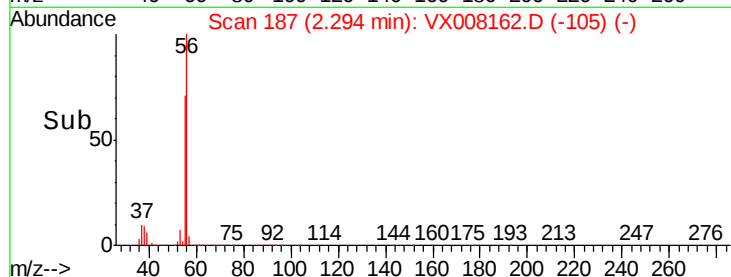
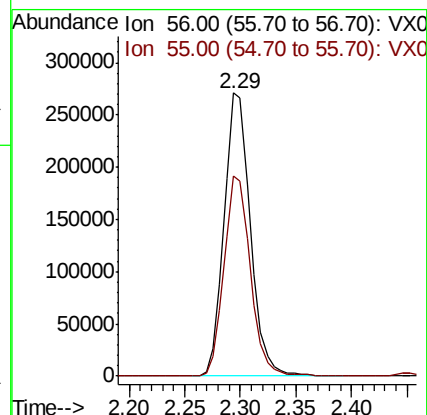
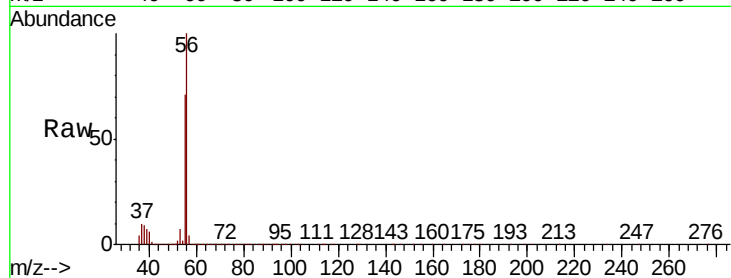
VSTDIC150

Tgt Ion: 56 Resp: 443044

Ion Ratio Lower Upper

56 100

55 70.3 58.6 87.8



#14

Acrylonitrile

Concen: 732.240 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

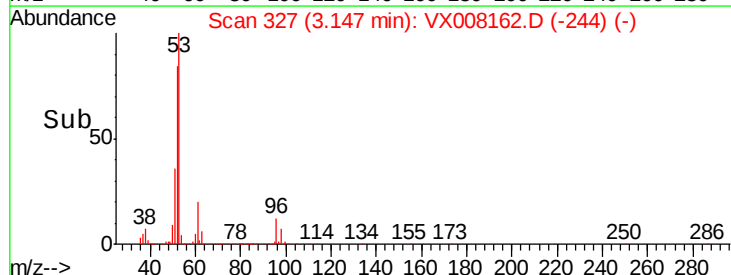
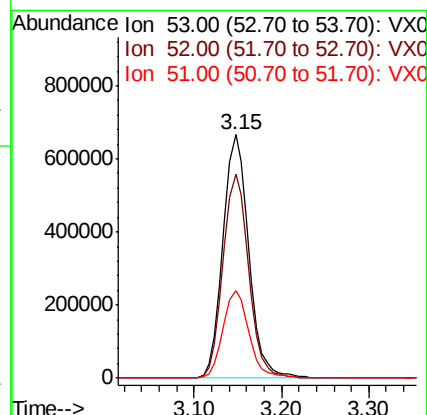
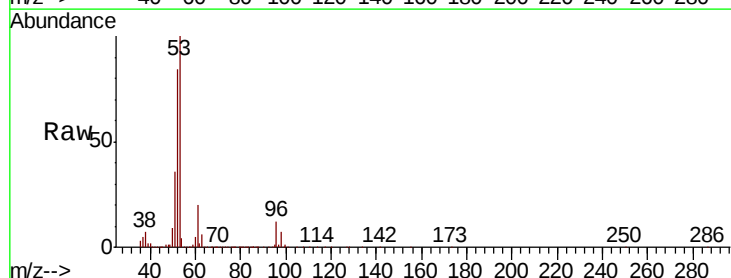
Tgt Ion: 53 Resp: 1365351

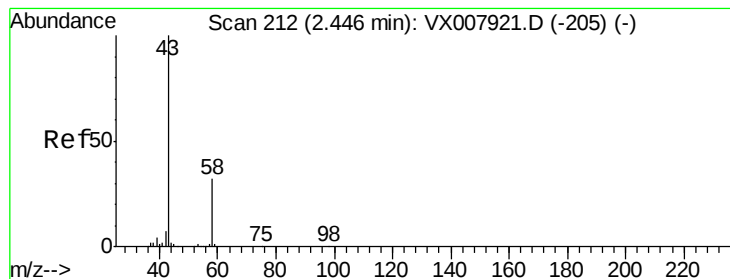
Ion Ratio Lower Upper

53 100

52 83.3 41.3 124.1

51 36.2 17.5 52.6





#15

Acetone

Concen: 619.730 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

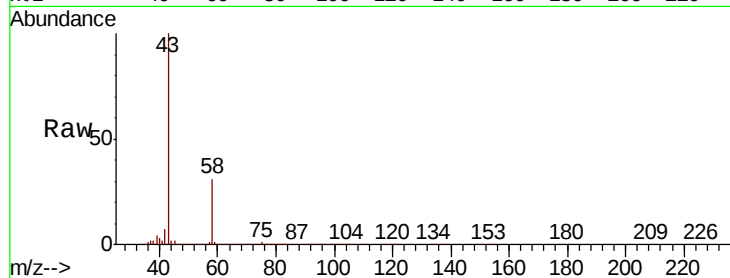
VSTDIC150

Tgt Ion: 58 Resp: 407616

Ion Ratio Lower Upper

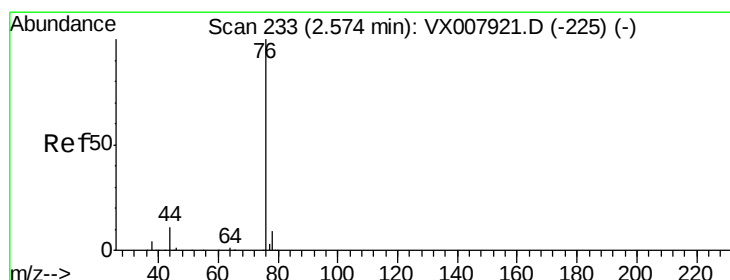
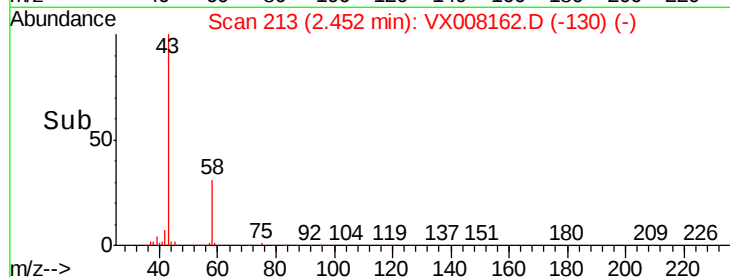
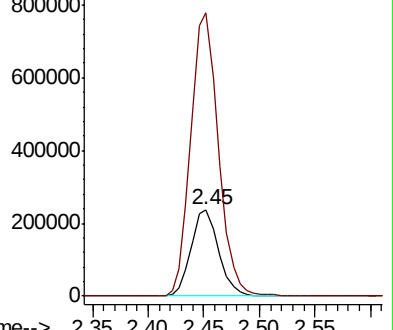
58 100

43 326.3 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 153.991 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008162.D

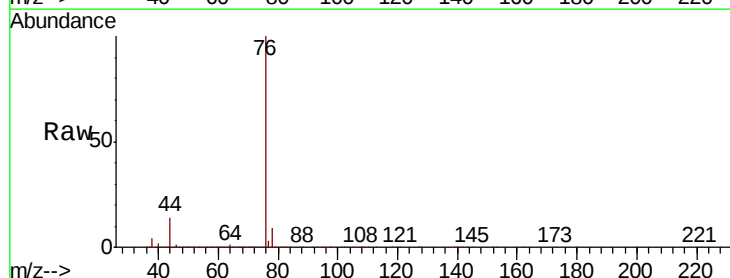
Acq: 18 Mar 2019 12:07

Tgt Ion: 76 Resp: 1239001

Ion Ratio Lower Upper

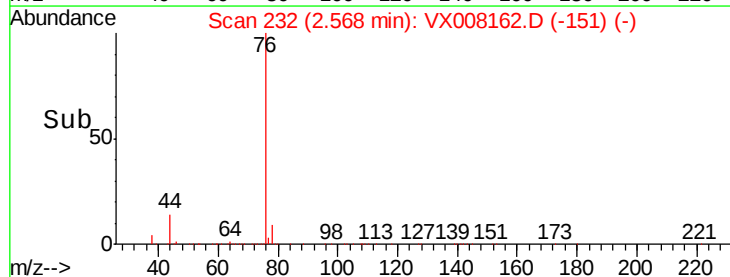
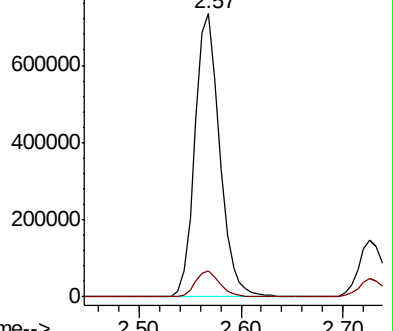
76 100

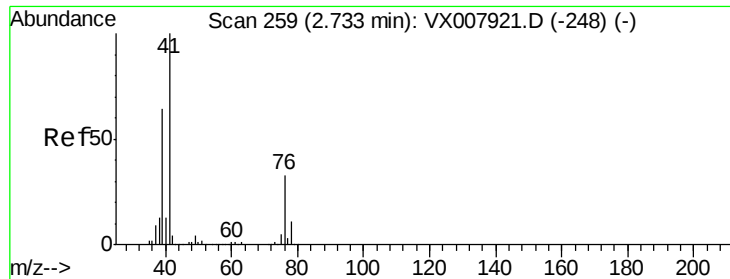
78 9.4 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

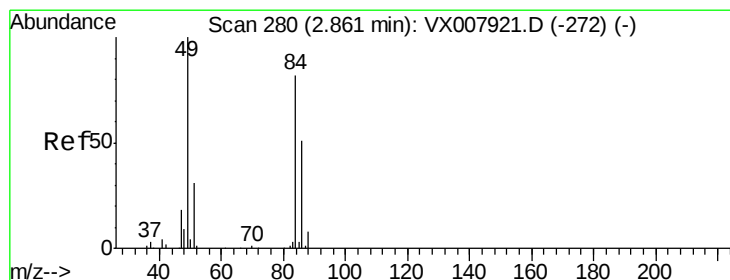
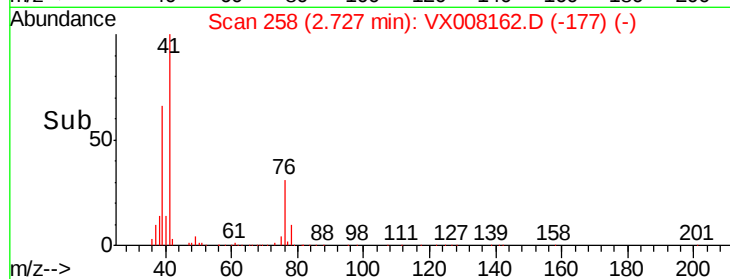
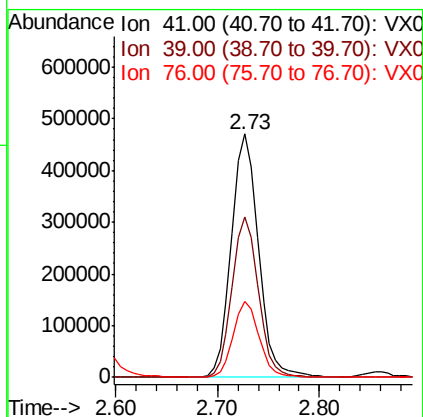
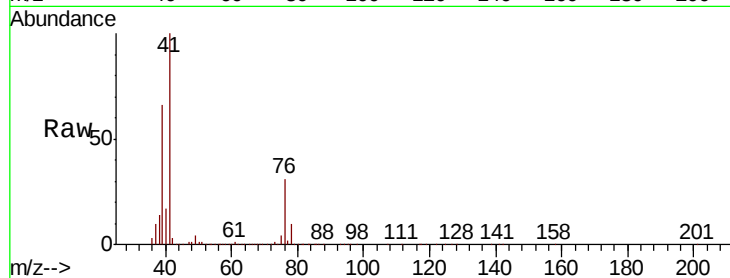




#17
 Allyl chloride
 Concen: 160.281 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

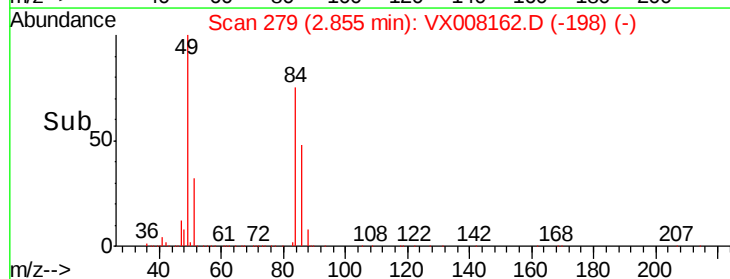
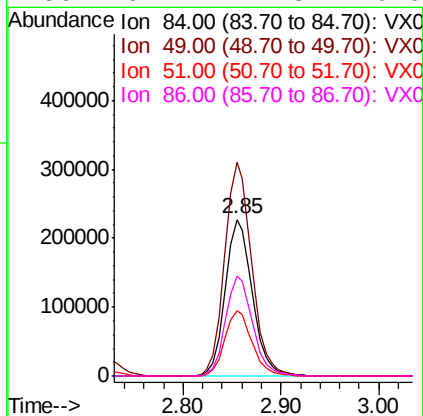
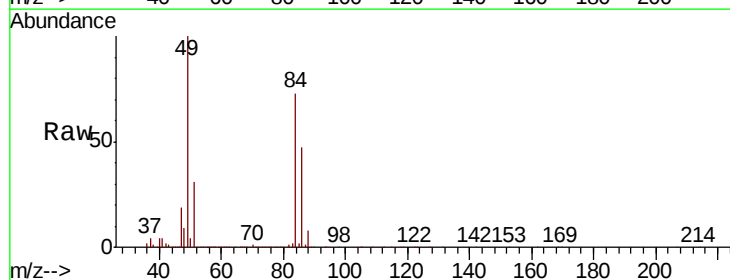
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

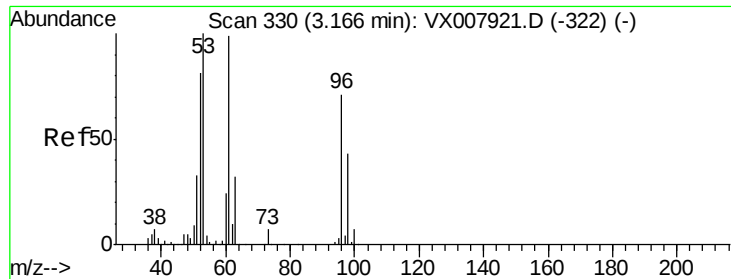
Tgt Ion: 41 Resp: 866849
 Ion Ratio Lower Upper
 41 100
 39 66.0 35.8 107.4
 76 31.0 18.3 54.9



#18
 Methylene Chloride
 Concen: 144.618 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion: 84 Resp: 434364
 Ion Ratio Lower Upper
 84 100
 49 136.5 96.1 144.1
 51 41.9 29.1 43.7
 86 64.1 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 149.258 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

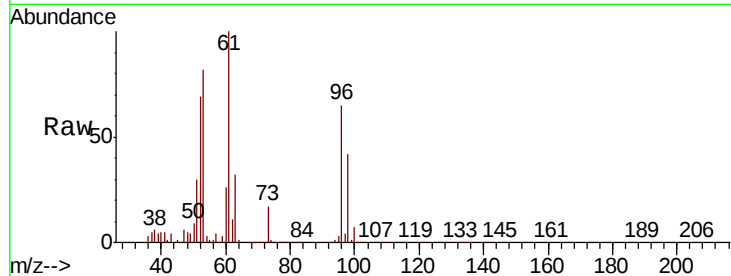
Tgt Ion: 96 Resp: 409588

Ion Ratio Lower Upper

96 100

61 154.6 109.9 164.9

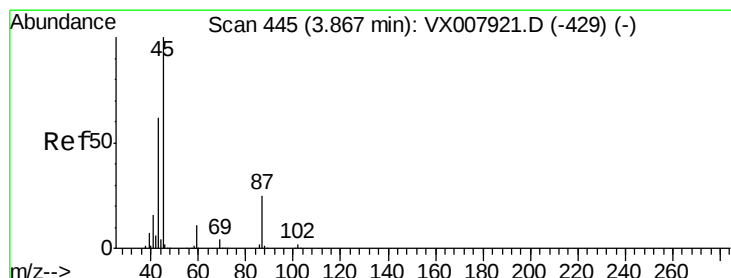
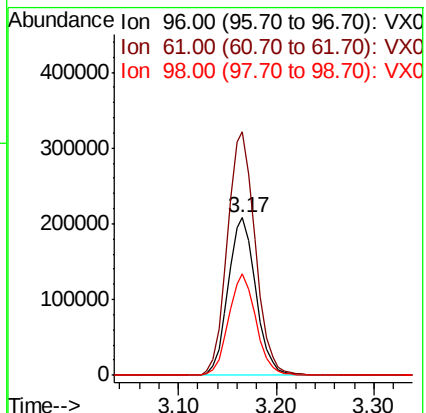
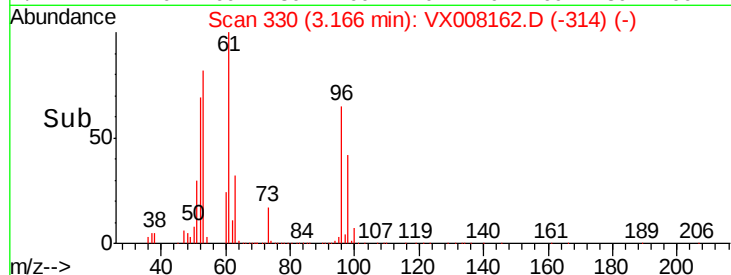
98 64.3 50.4 75.6



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



#20

Diisopropyl ether

Concen: 148.840 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Tgt Ion: 45 Resp: 1619223

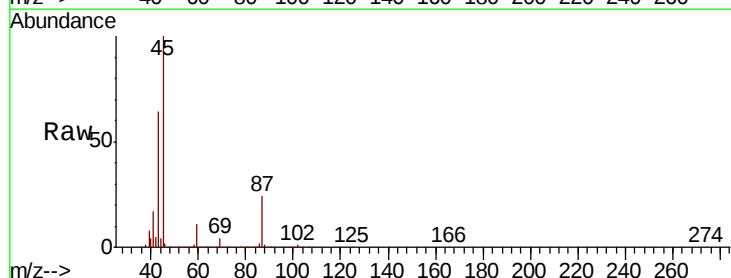
Ion Ratio Lower Upper

45 100

43 63.6 50.6 76.0

87 24.0 24.5 36.7#

59 11.2 10.2 15.2

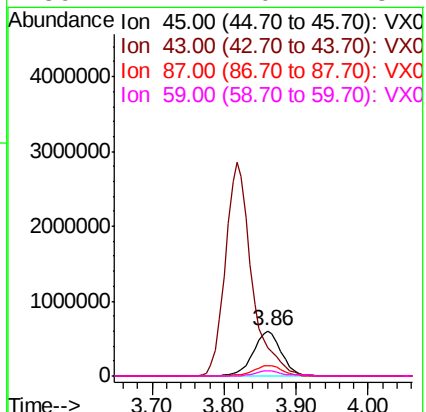
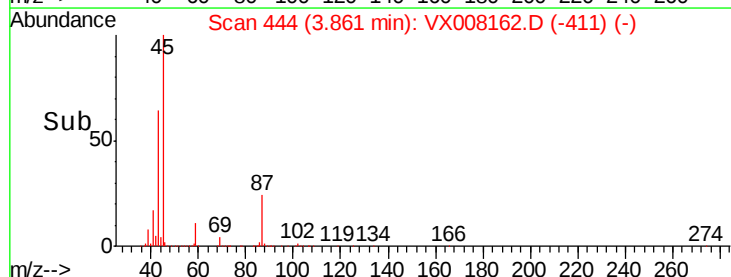


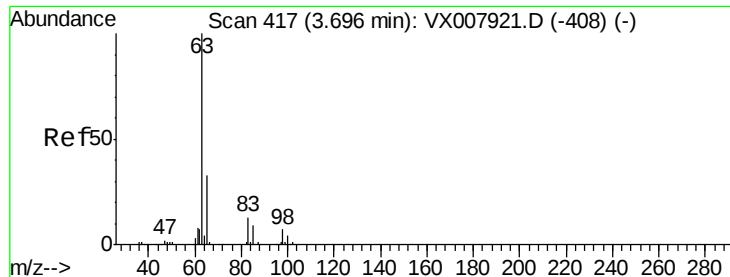
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

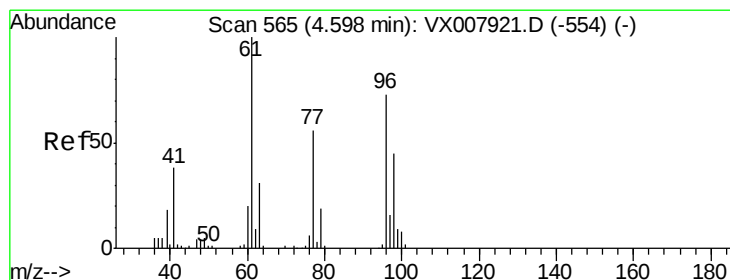
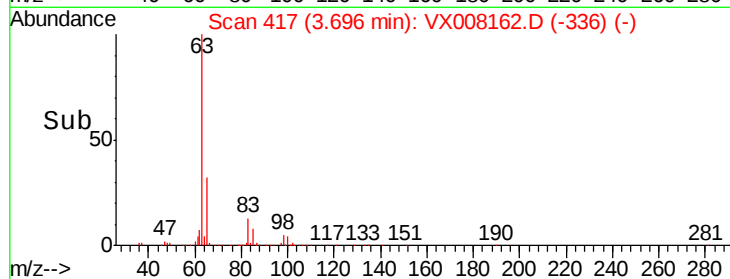
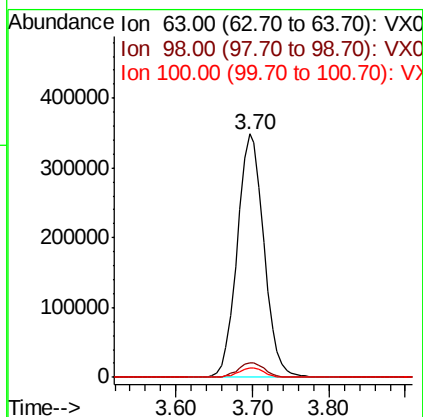
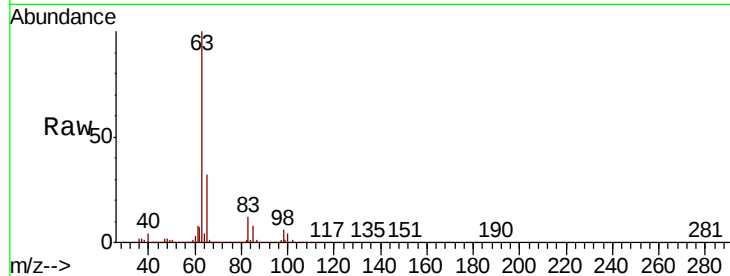




#21
 1,1-Dichloroethane
 Concen: 150.157 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

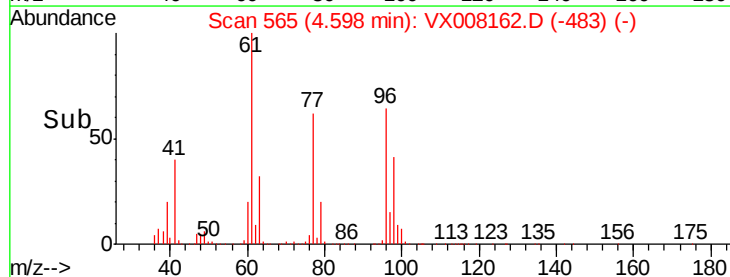
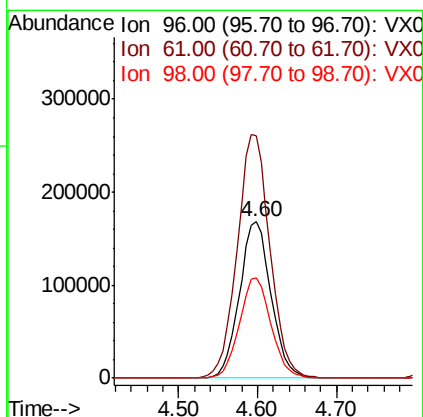
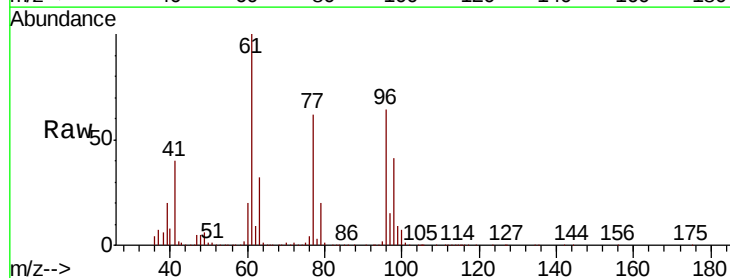
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

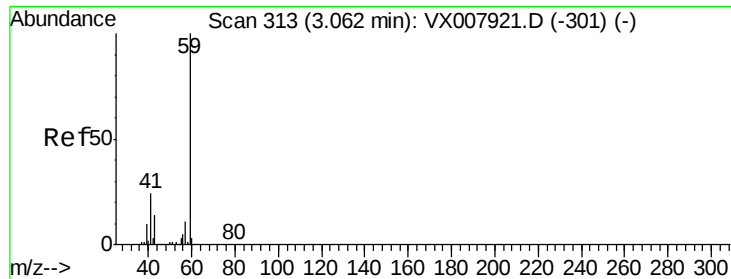
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.4
100	3.9	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 149.498 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	103.5	155.3#
98	64.0	52.1	78.1

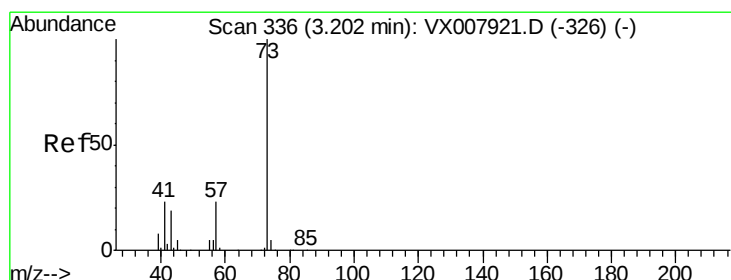
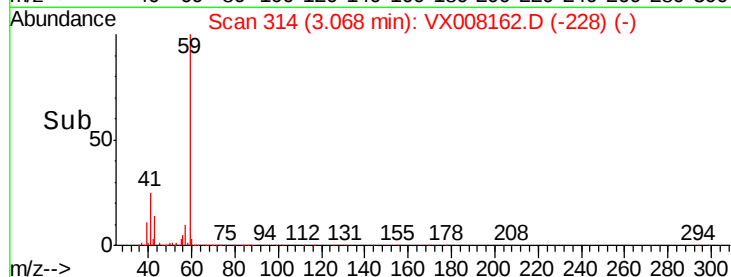
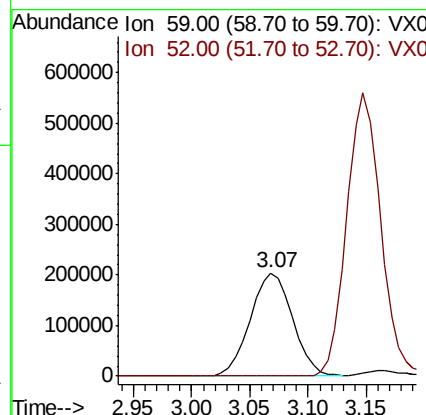
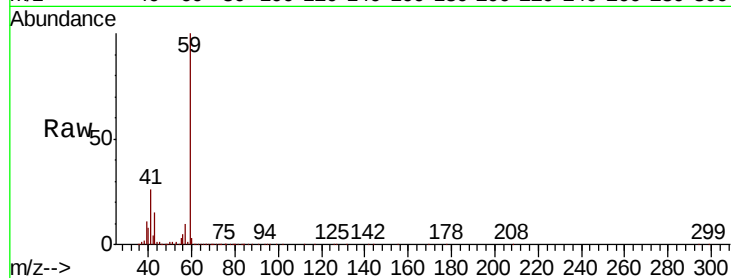




#23
tert-Butyl Alcohol
Concen: 752.480 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.02 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

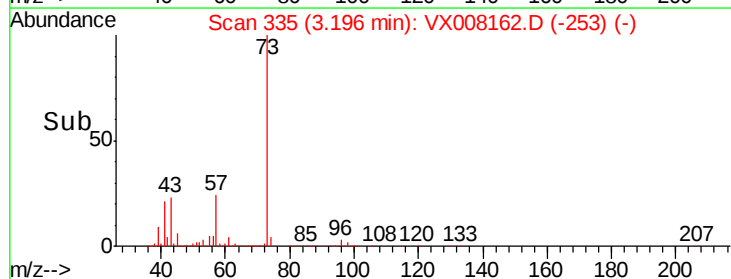
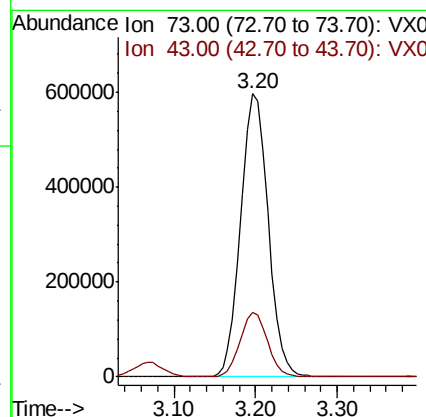
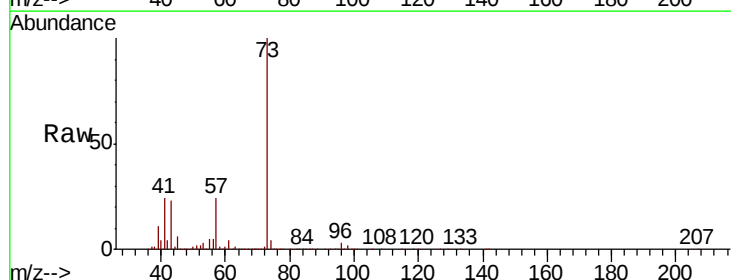
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

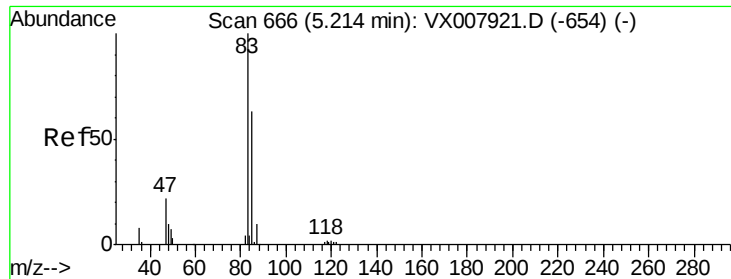
Tgt Ion: 59 Resp: 517910
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 151.348 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 73 Resp: 1396328
Ion Ratio Lower Upper
73 100
43 22.4 17.1 25.7





#25

Chloroform

Concen: 145.009 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

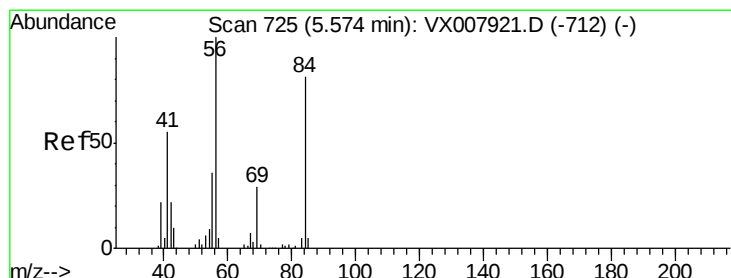
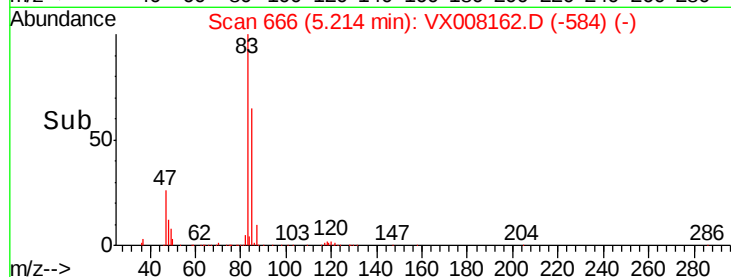
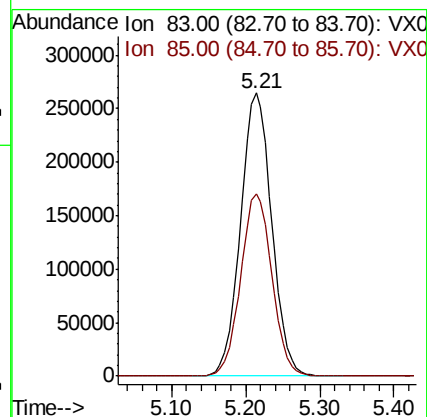
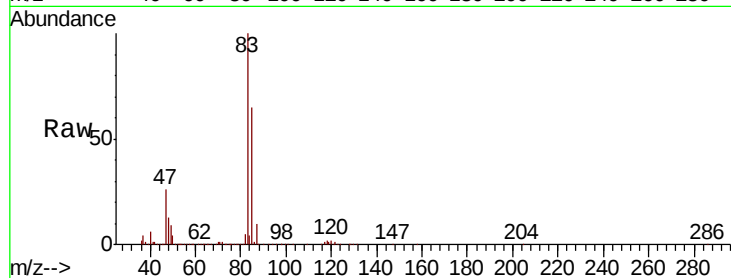
VSTDIC150

Tgt Ion: 83 Resp: 775001

Ion Ratio Lower Upper

83 100

85 64.5 53.8 80.6



#26

Cyclohexane

Concen: 154.709 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

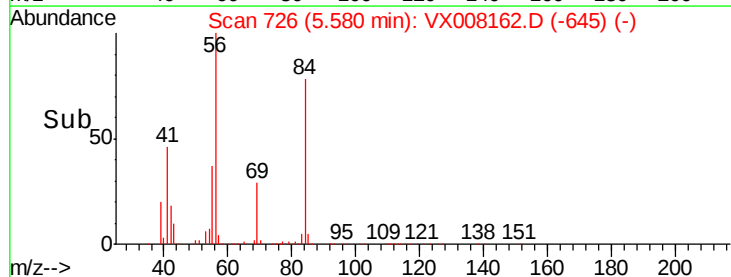
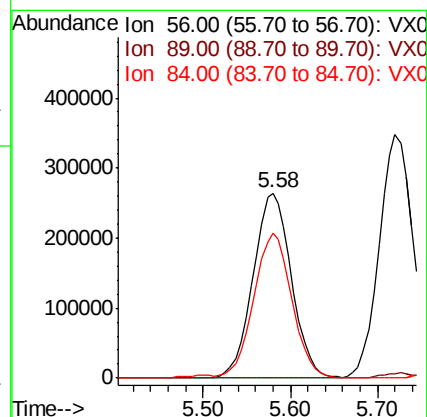
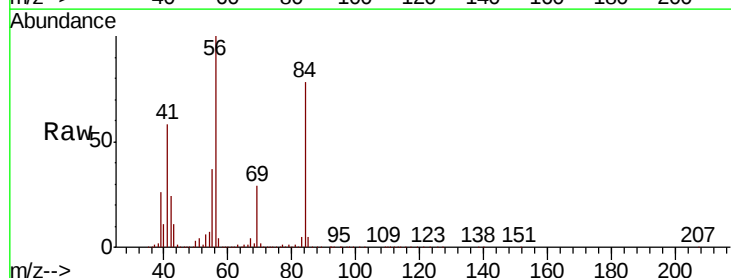
Tgt Ion: 56 Resp: 803636

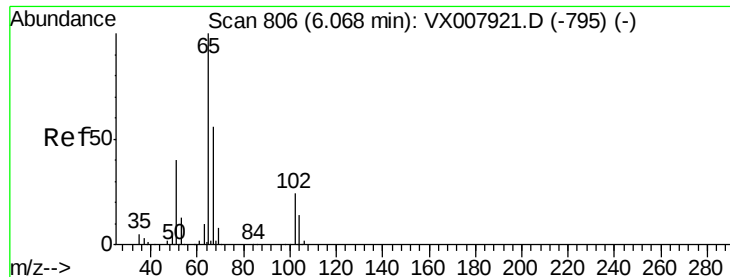
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 78.0 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.203 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

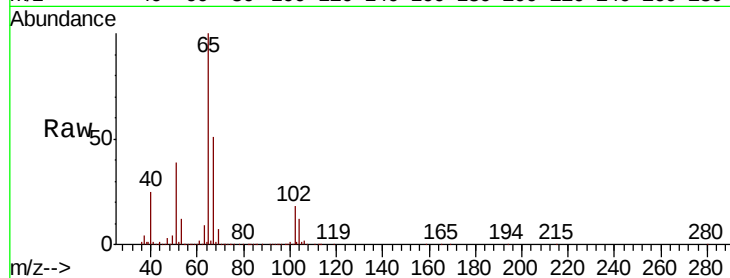
VSTDIC150

Tgt Ion: 65 Resp: 138657

Ion Ratio Lower Upper

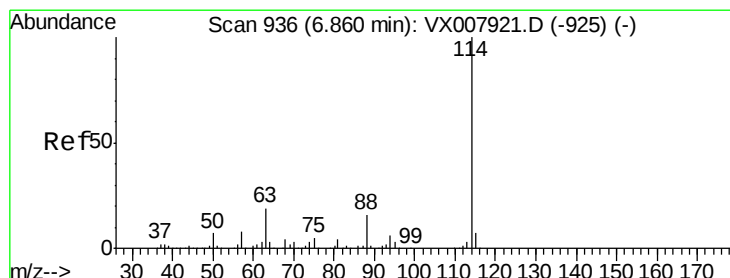
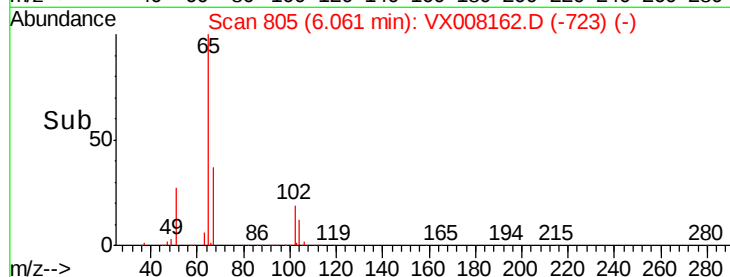
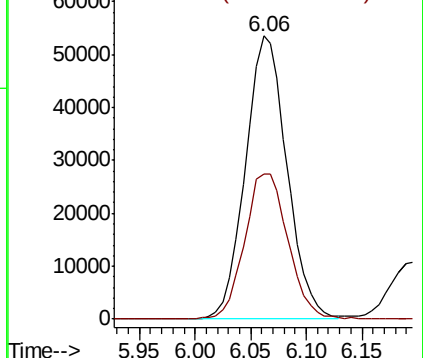
65 100

67 53.2 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

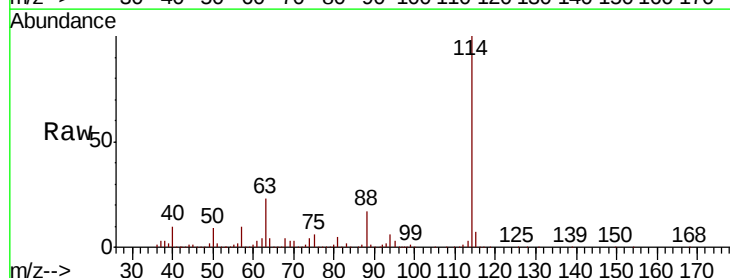
Tgt Ion: 114 Resp: 315766

Ion Ratio Lower Upper

114 100

63 23.3 14.2 21.4#

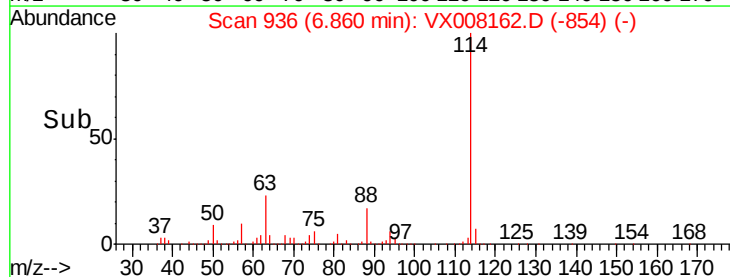
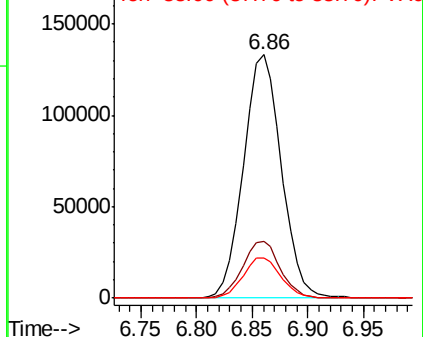
88 16.7 11.9 17.9

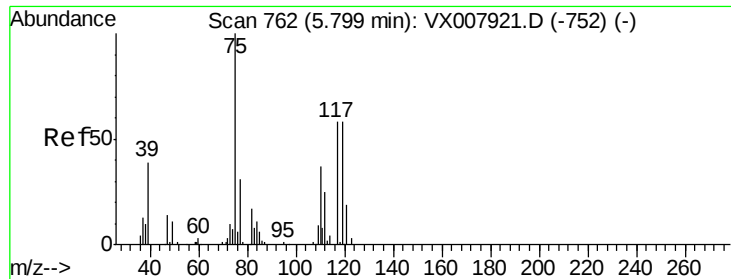


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 152.618 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

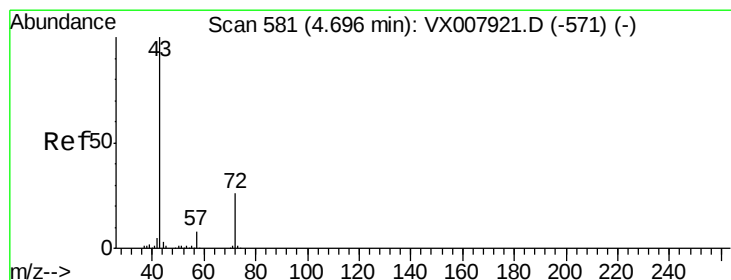
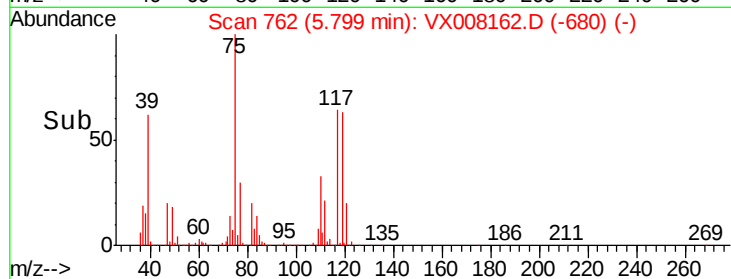
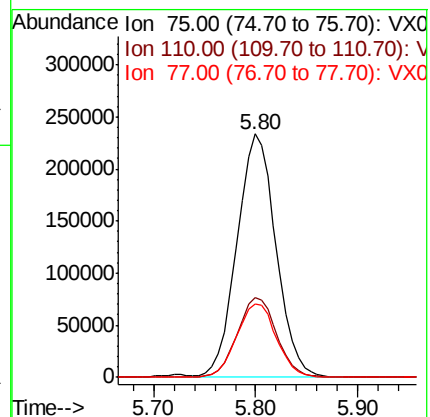
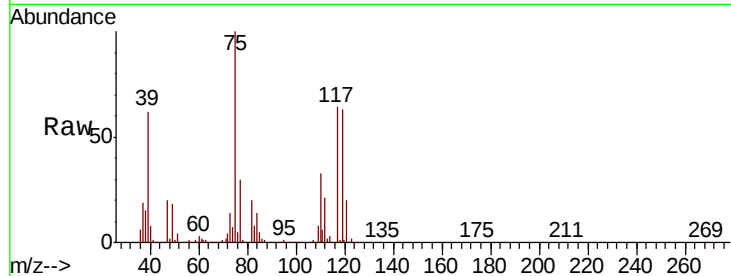
Tgt Ion: 75 Resp: 614989

Ion Ratio Lower Upper

75 100

110 33.4 0.0 80.8

77 30.9 0.0 62.4



#30

2-Butanone

Concen: 669.835 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

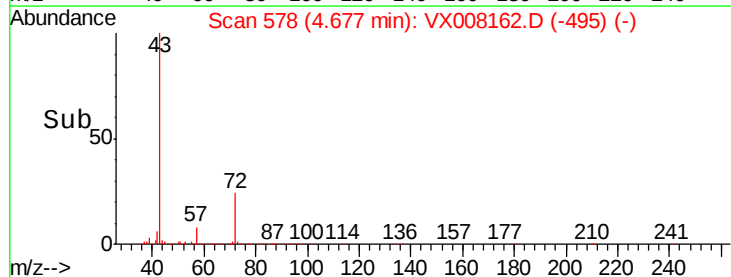
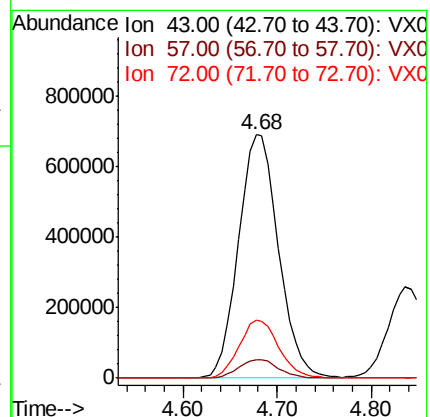
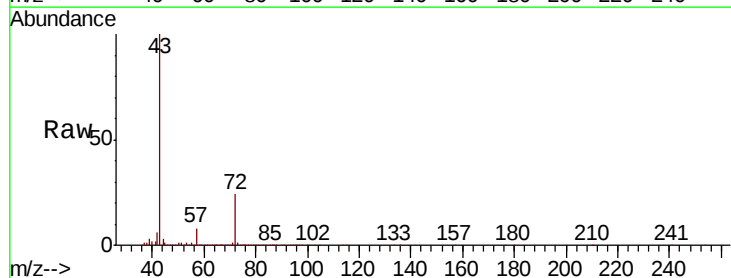
Tgt Ion: 43 Resp: 2041342

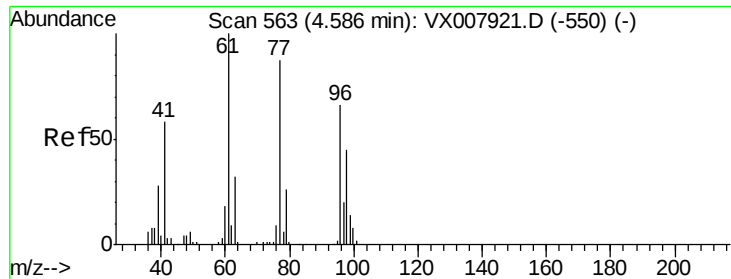
Ion Ratio Lower Upper

43 100

57 7.7 7.0 10.6

72 23.6 21.5 32.3

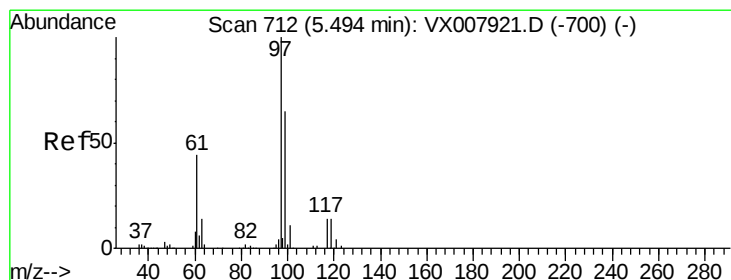
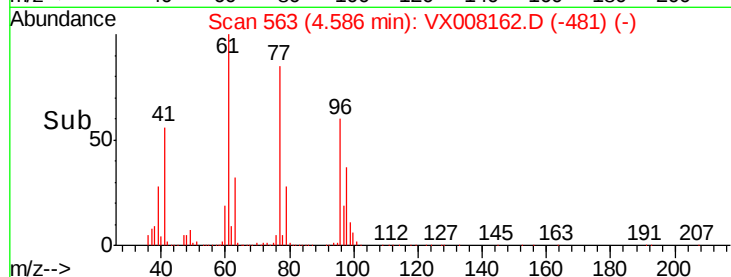
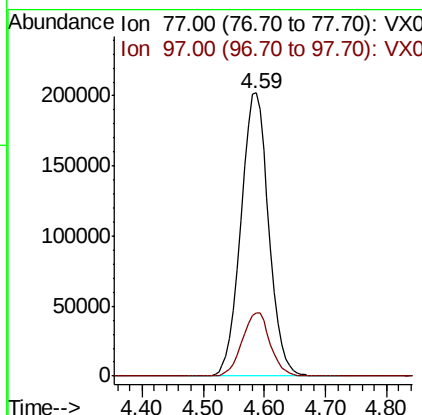
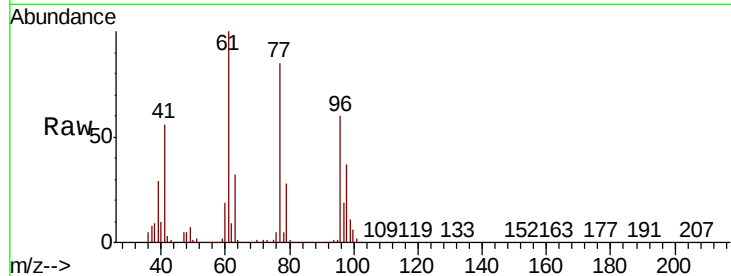




#31
 2,2-Dichloropropane
 Concen: 158.045 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

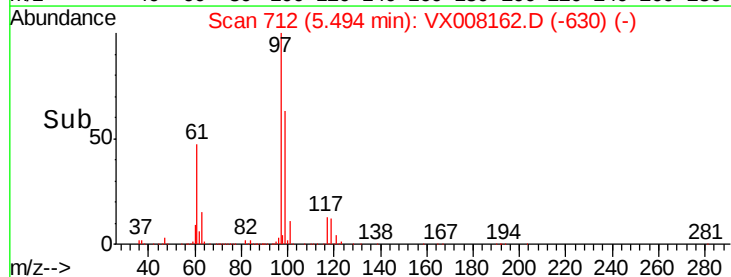
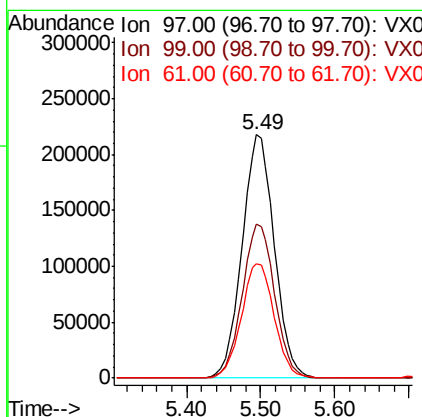
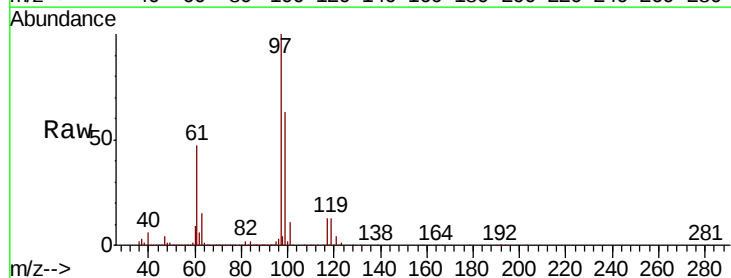
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

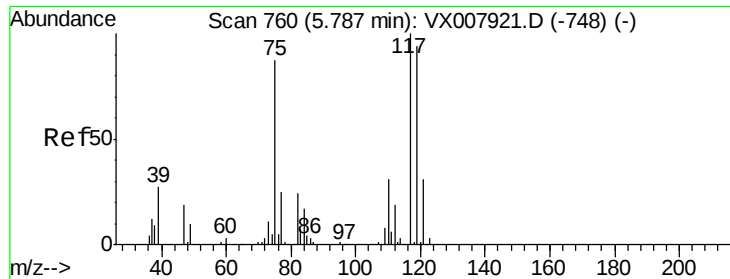
Tgt Ion: 77 Resp: 636167
 Ion Ratio Lower Upper
 77 100
 97 22.6 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 153.126 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion: 97 Resp: 661175
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.7 77.5
 61 47.8 32.8 49.2

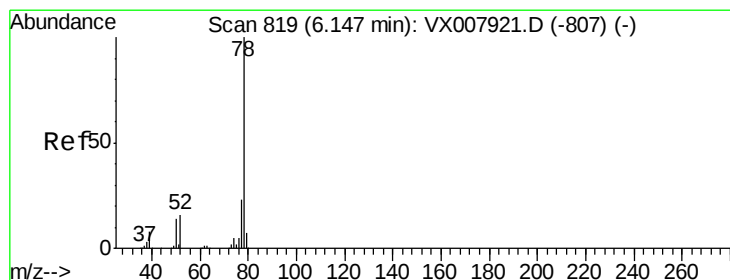
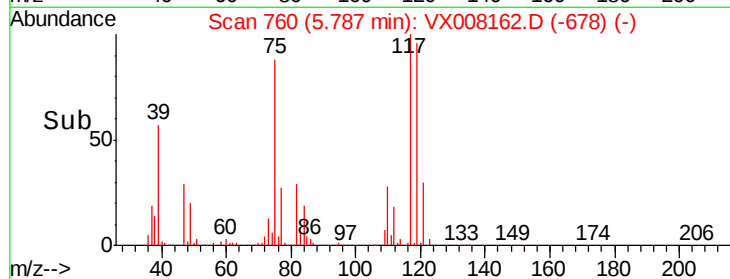
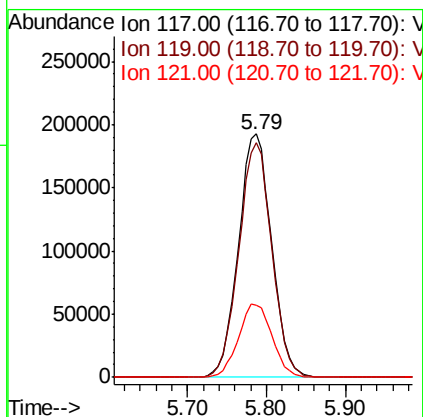
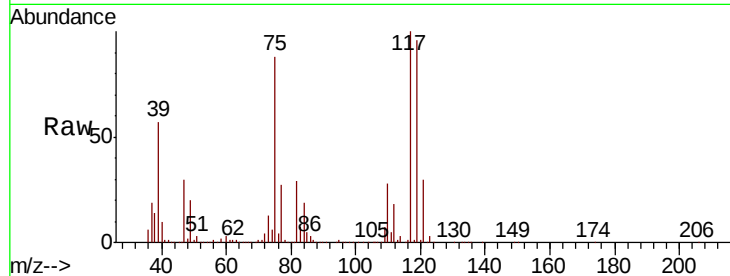




#33
Carbon Tetrachloride
Concen: 159.389 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

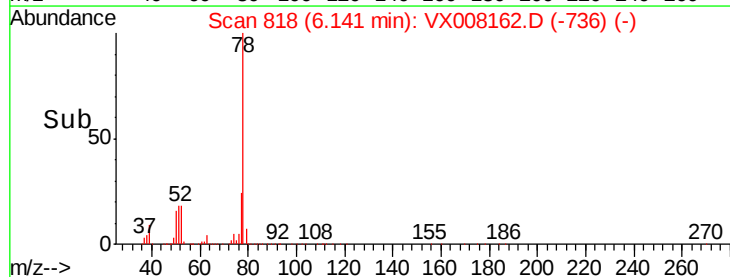
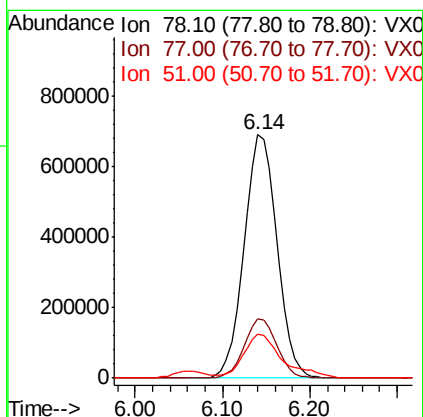
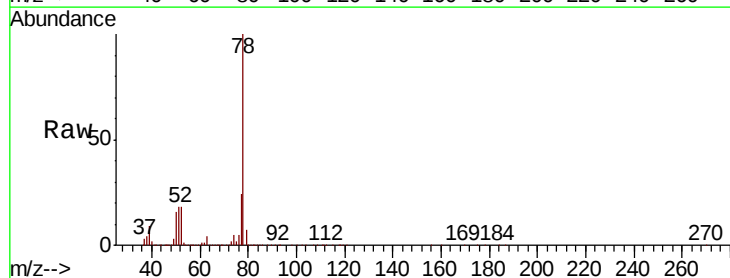
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

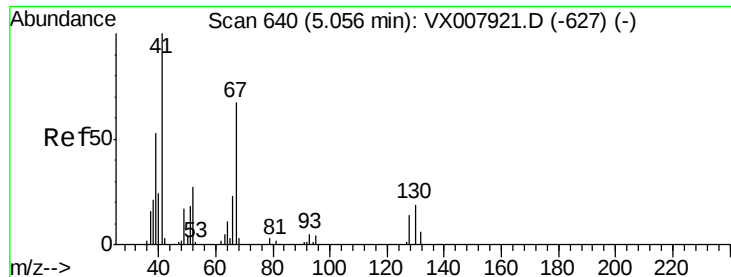
Tgt Ion:117 Resp: 562006
Ion Ratio Lower Upper
117 100
119 96.1 78.1 117.1
121 29.8 27.0 40.6



#34
Benzene
Concen: 147.440 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 78 Resp: 1809397
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7
51 17.8 10.8 16.2#





#35

Methacrylonitrile

Concen: 149.629 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 415818

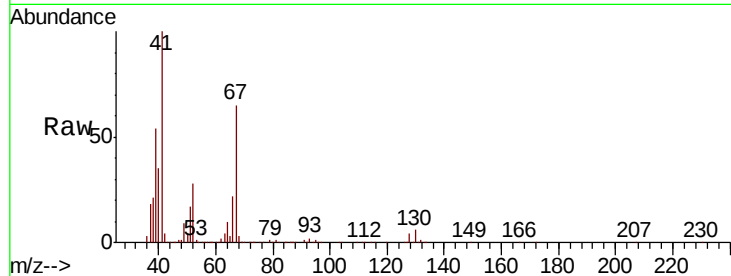
Ion Ratio Lower Upper

41 100

39 53.9 27.4 82.0

67 64.6 37.9 113.6

52 27.5 13.3 39.9

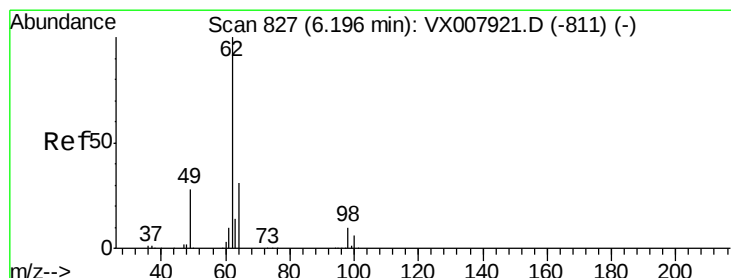
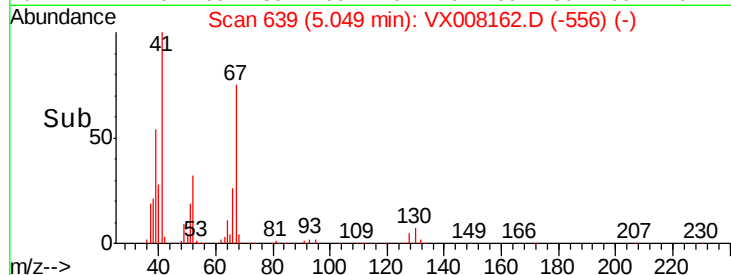
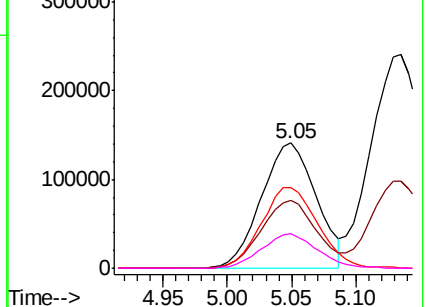


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 145.098 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008162.D

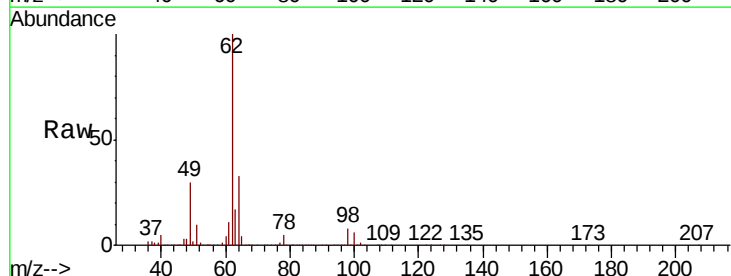
Acq: 18 Mar 2019 12:07

Tgt Ion: 62 Resp: 655041

Ion Ratio Lower Upper

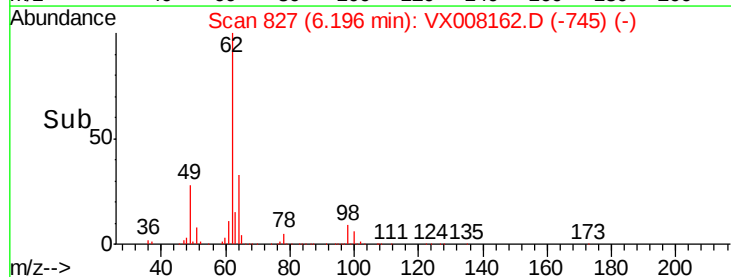
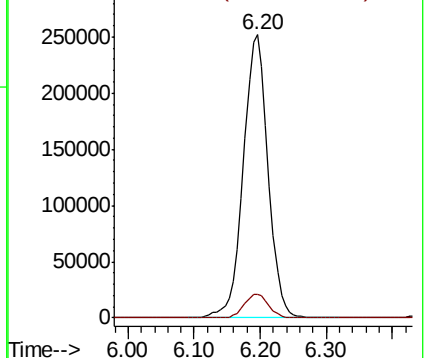
62 100

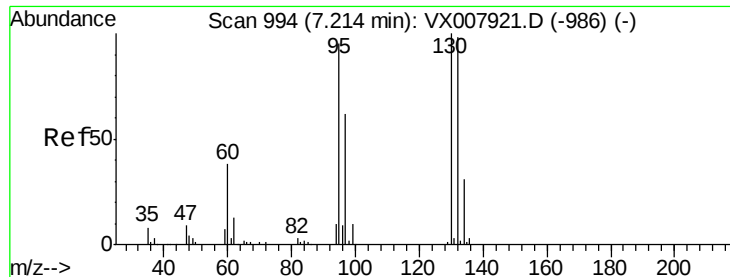
98 8.4 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 150.376 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

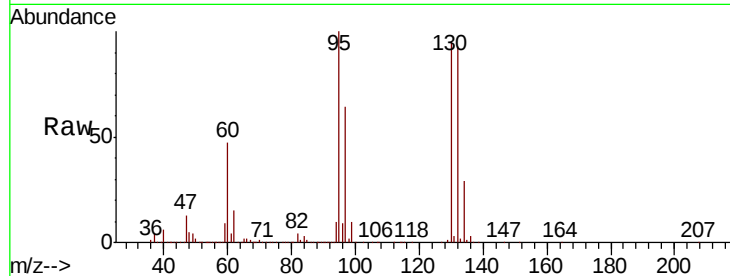
VSTDIC150

Tgt Ion:130 Resp: 434533

Ion Ratio Lower Upper

130 100

95 105.0 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

250000

200000

150000

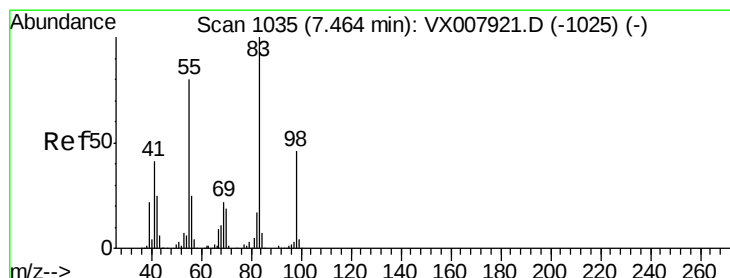
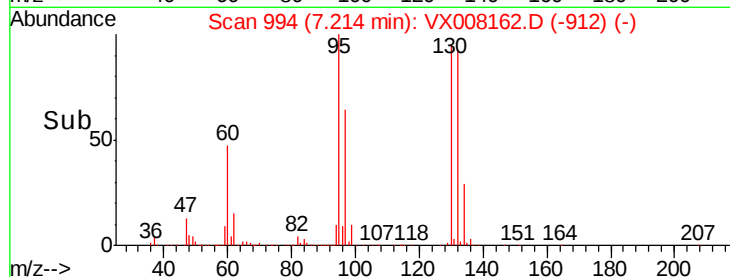
100000

50000

0

7.10 7.20 7.30

Time-->



#38

Methylcyclohexane

Concen: 155.246 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

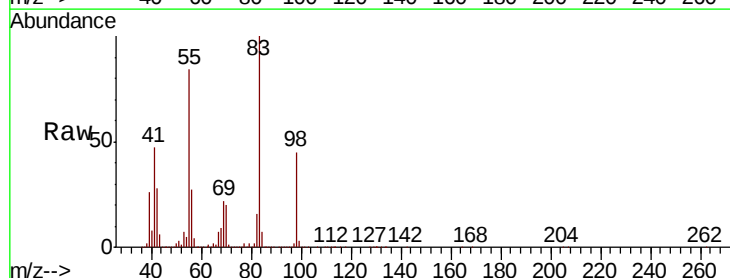
Tgt Ion: 83 Resp: 754940

Ion Ratio Lower Upper

83 100

55 83.7 36.0 108.0

98 44.5 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

400000

300000

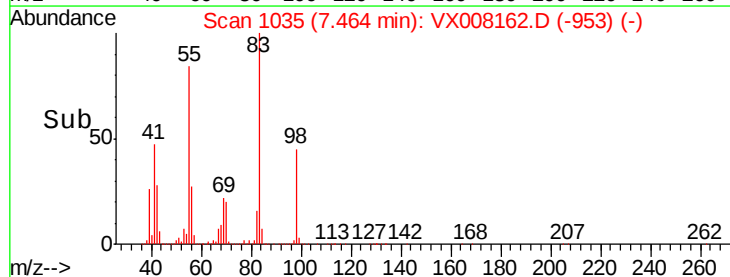
200000

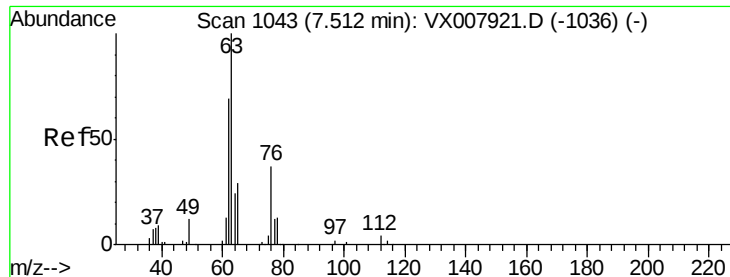
100000

0

7.40 7.50 7.60

Time-->

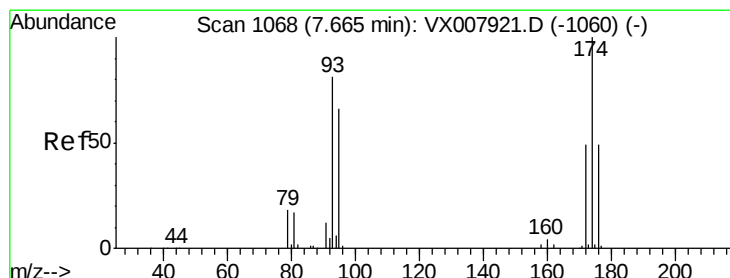
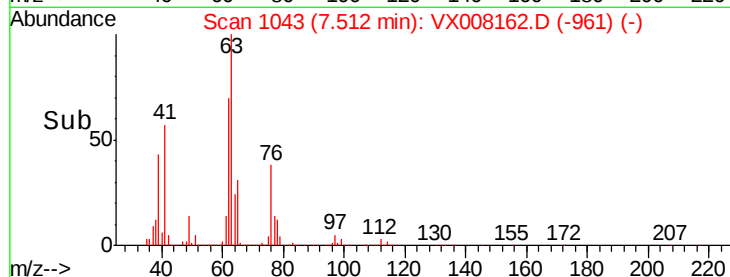
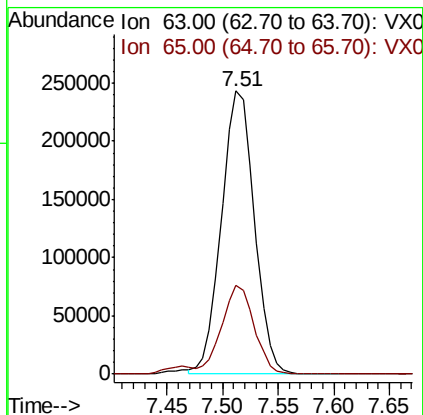
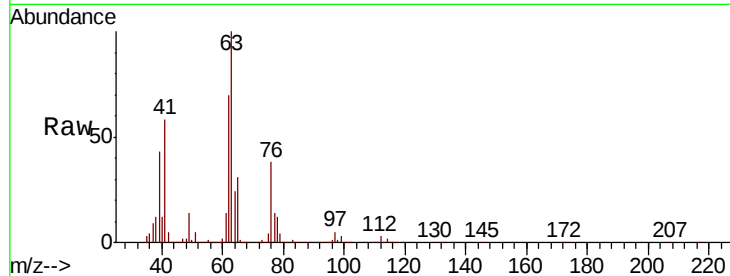




#39
 1,2-Dichloropropane
 Concen: 149.424 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

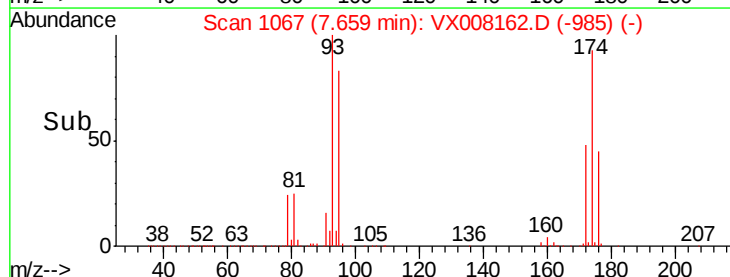
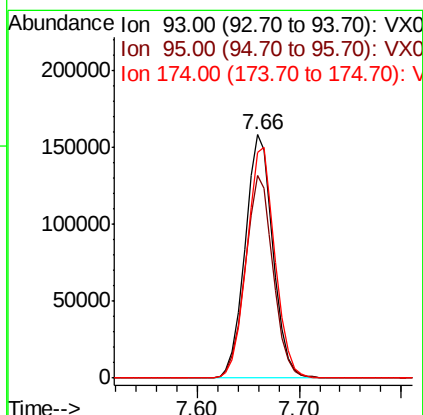
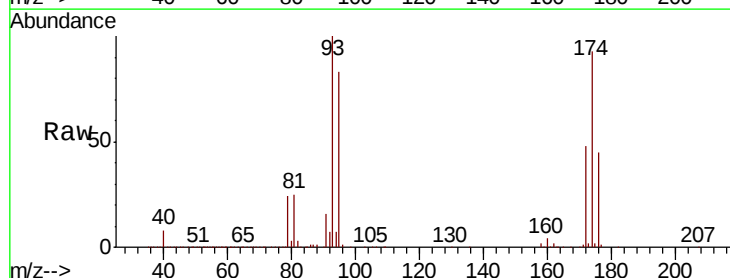
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

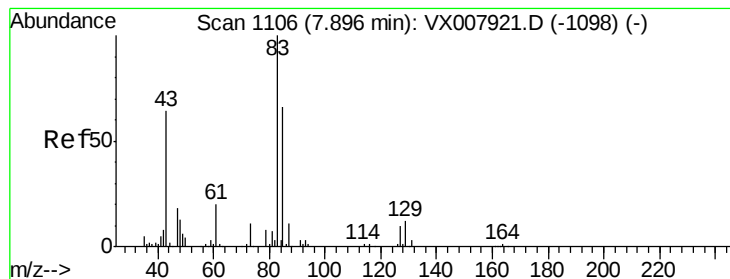
Tgt Ion: 63 Resp: 498625
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0



#40
 Dibromomethane
 Concen: 147.286 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion: 93 Resp: 300418
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 158.8
 174 95.9 0.0 224.2





#41

Bromodichloromethane

Concen: 153.779 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

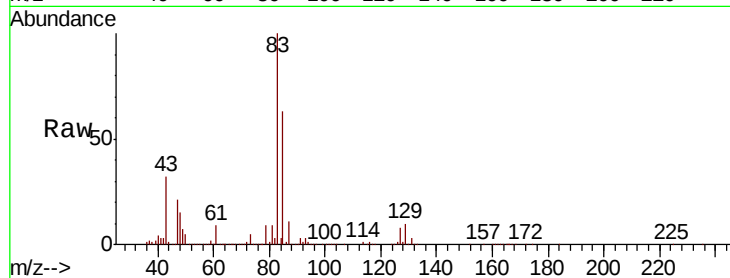
Tgt Ion: 83 Resp: 602743

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7

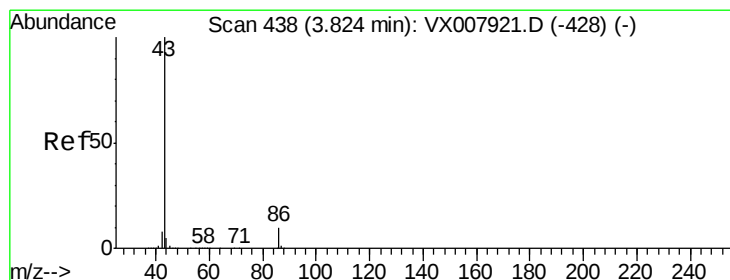
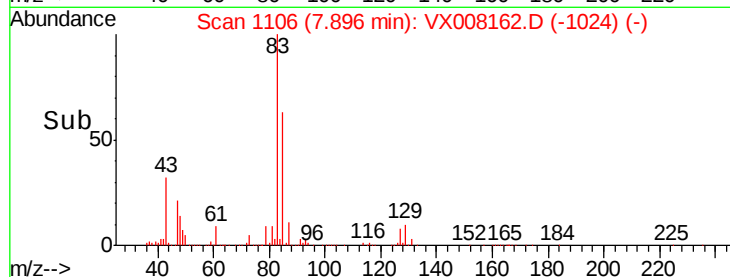
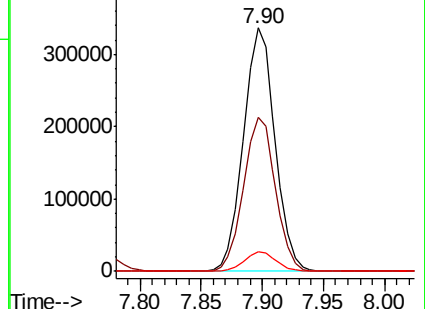
127 8.0 7.2 10.8



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: 760.578 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008162.D

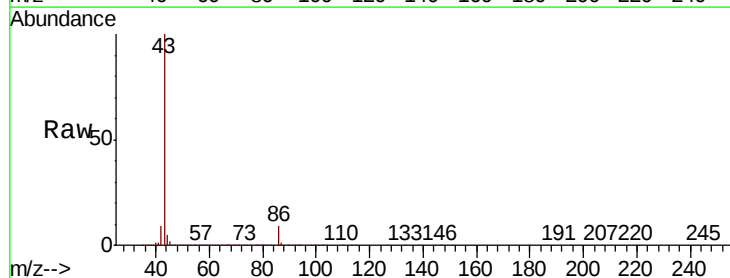
Acq: 18 Mar 2019 12:07

Tgt Ion: 43 Resp: 7286968

Ion Ratio Lower Upper

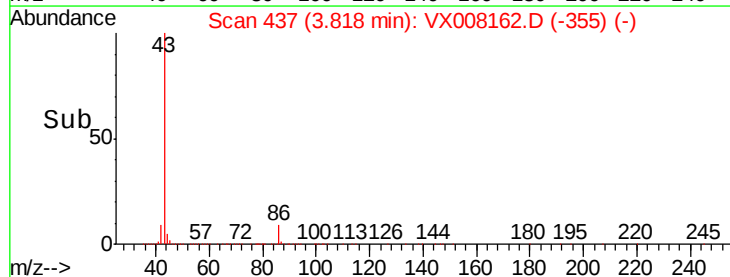
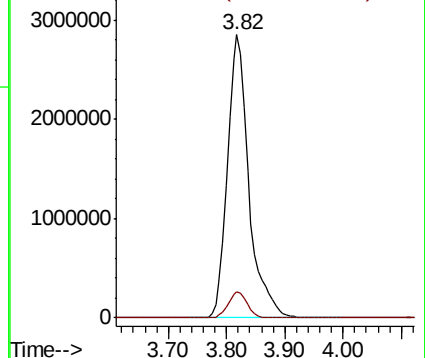
43 100

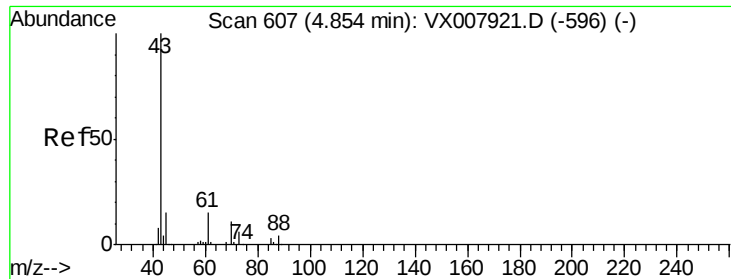
86 8.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

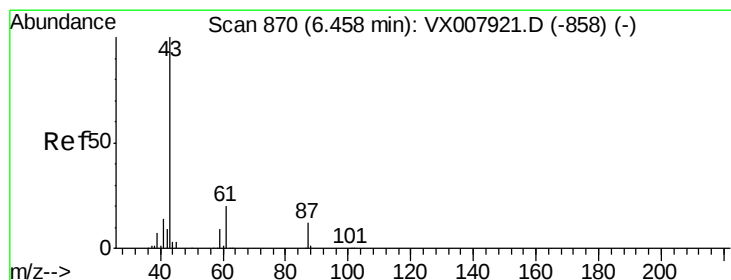
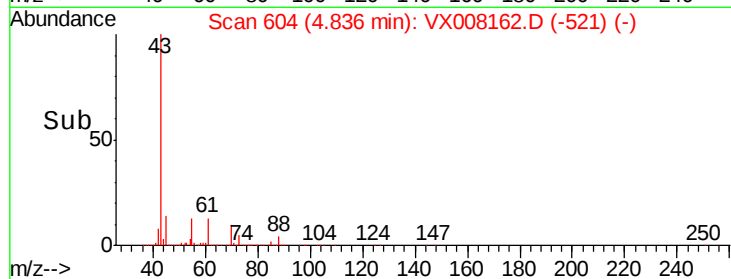
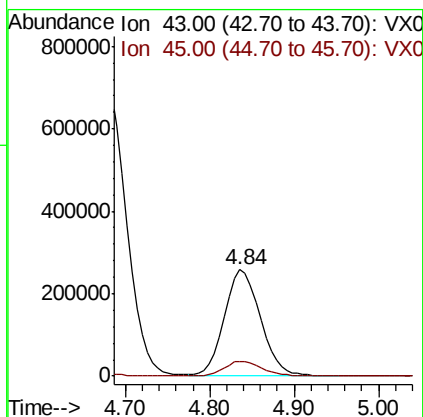
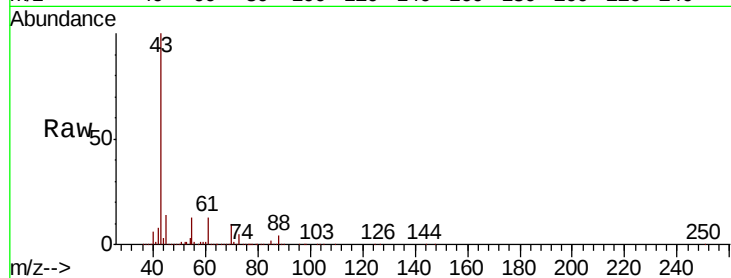




#43
Ethyl Acetate
Concen: 144.109 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

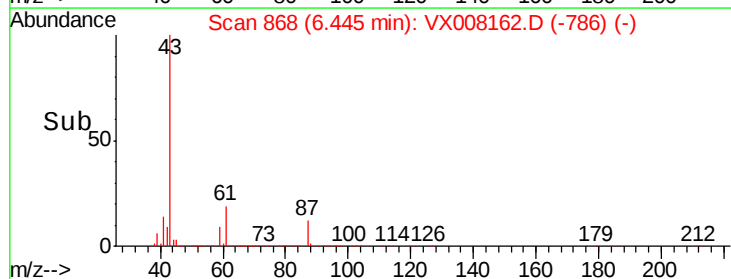
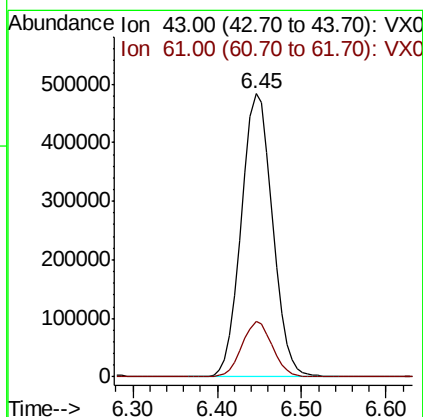
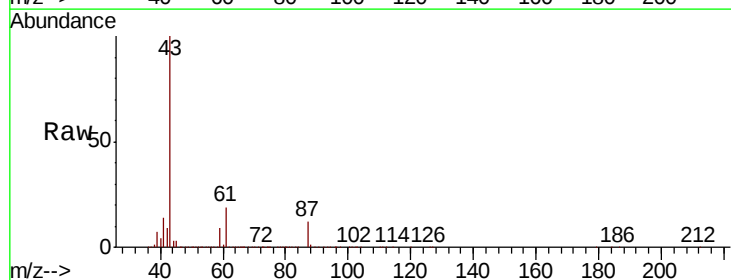
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

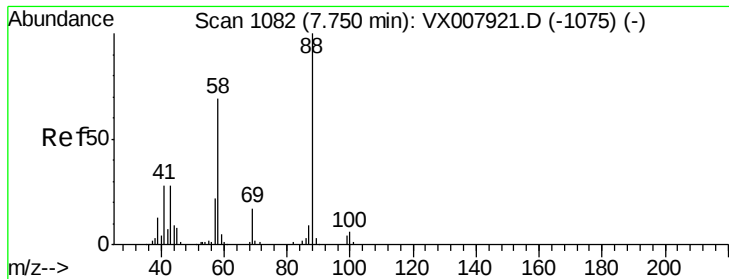
Tgt Ion: 43 Resp: 751847
Ion Ratio Lower Upper
43 100
45 14.8 6.9 10.3#



#44
Isopropyl Acetate
Concen: 156.214 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 43 Resp: 1210838
Ion Ratio Lower Upper
43 100
61 19.1 16.1 24.1





#45

1,4-Dioxane

Concen: 2958.982 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

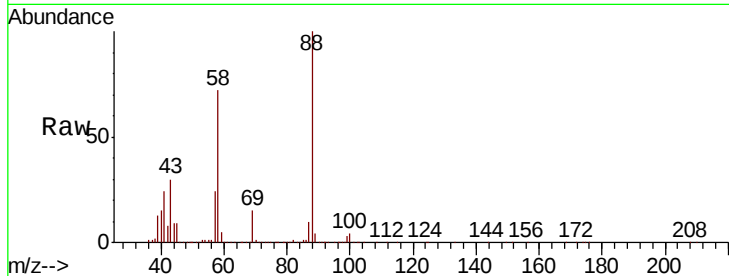
Tgt Ion: 88 Resp: 218362

Ion Ratio Lower Upper

88 100

43 36.2 23.6 35.4#

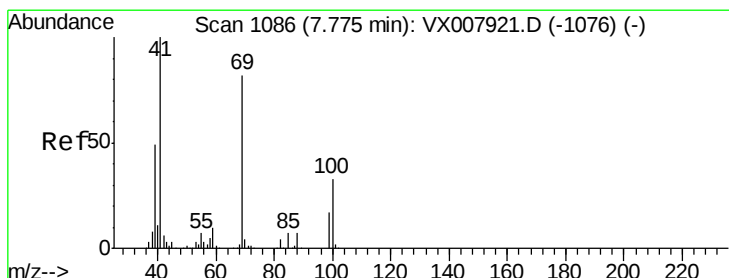
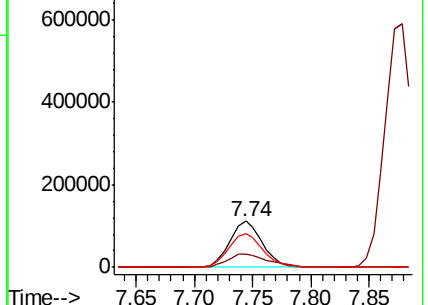
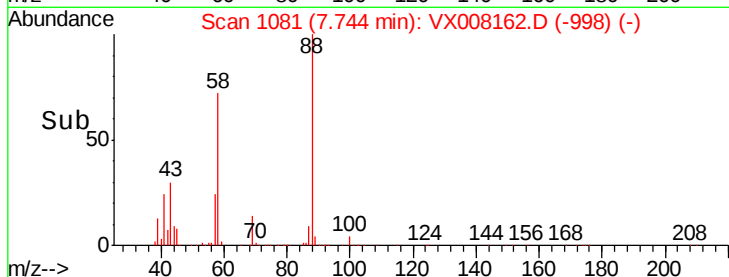
58 76.0 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 153.851 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

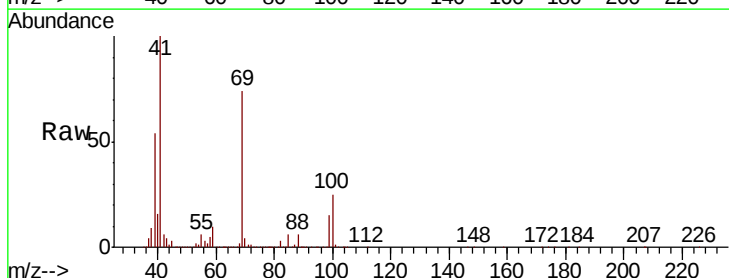
Tgt Ion: 41 Resp: 633076

Ion Ratio Lower Upper

41 100

69 73.7 44.2 132.6

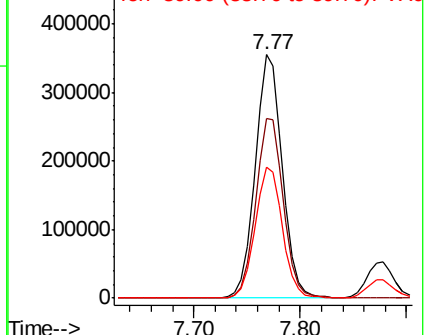
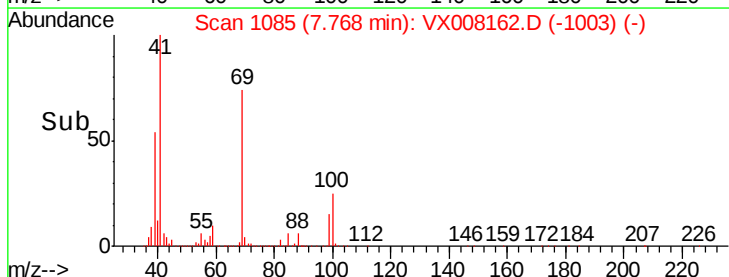
39 53.9 29.9 89.8

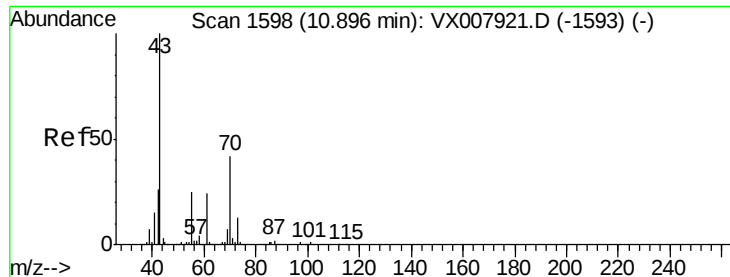


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

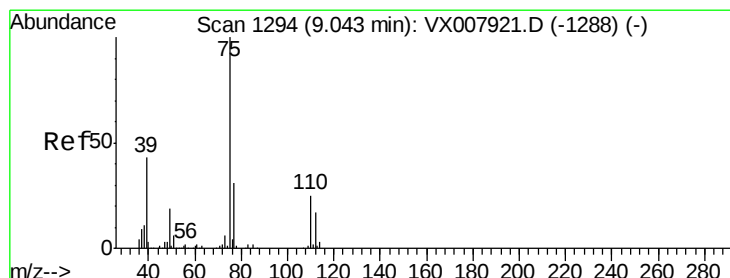
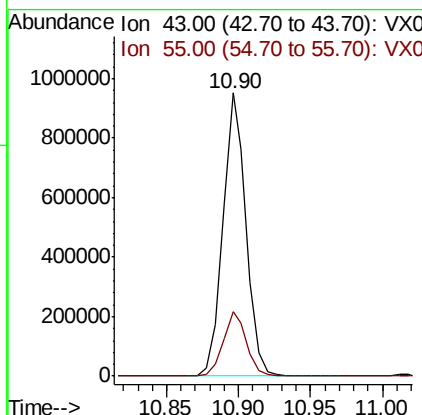
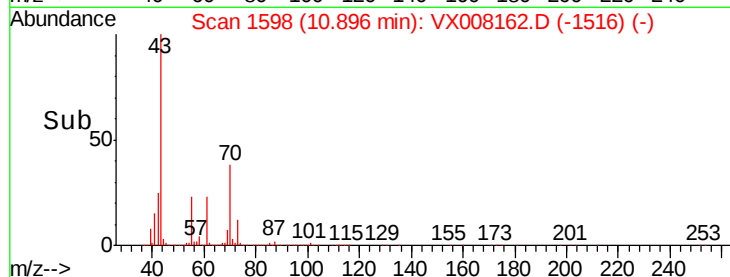
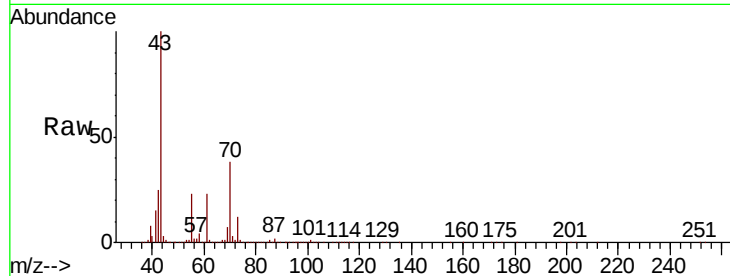




#47
n-amy1 Acetate
Concen: 159.217 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

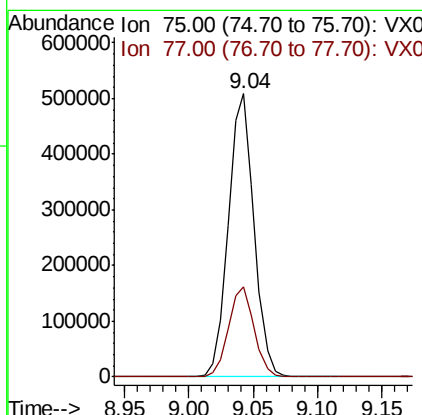
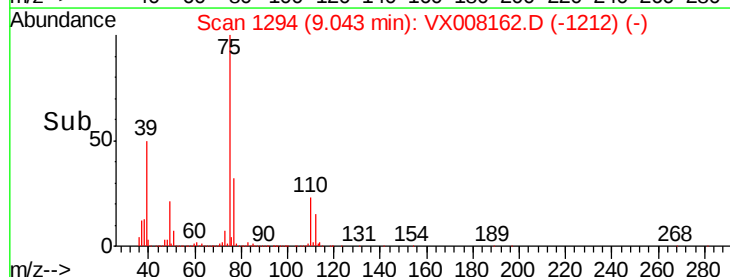
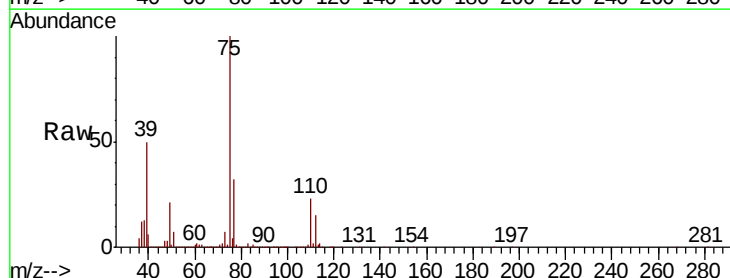
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

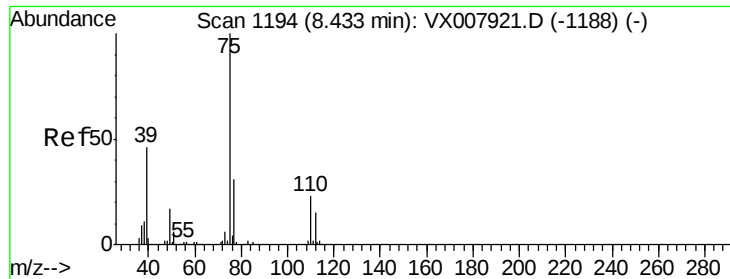
Tgt Ion: 43 Resp: 1069388
Ion Ratio Lower Upper
43 100
55 23.0 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 170.207 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 75 Resp: 708111
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7

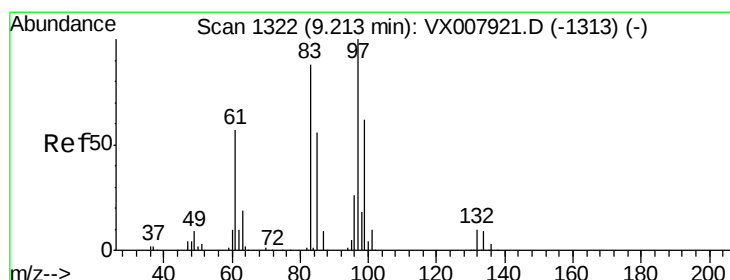
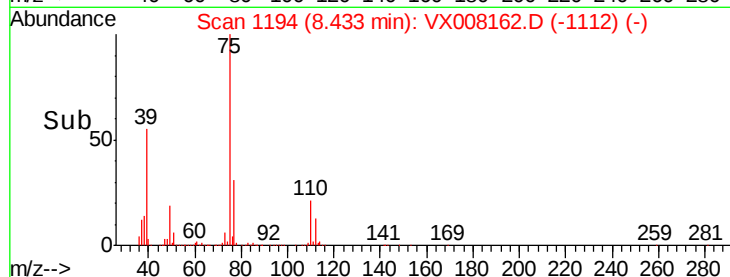
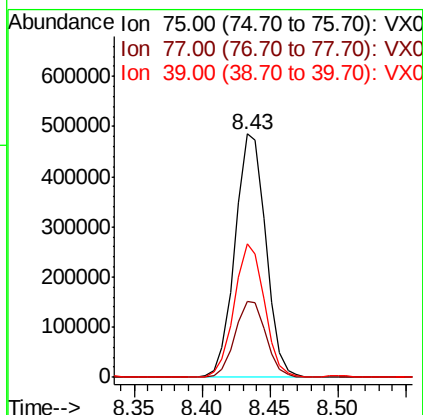
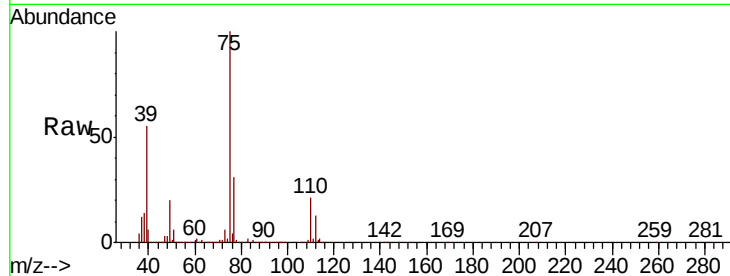




#49
 cis-1,3-Dichloropropene
 Concen: 163.299 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

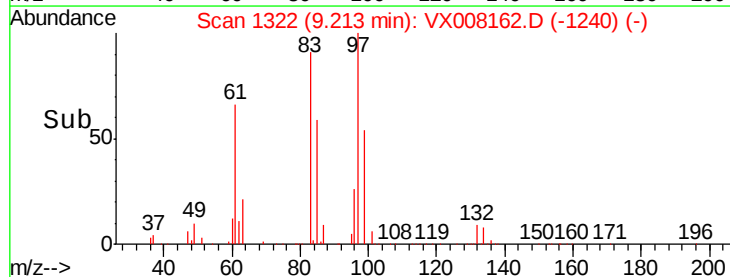
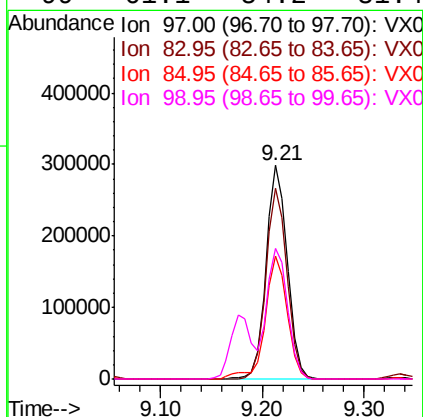
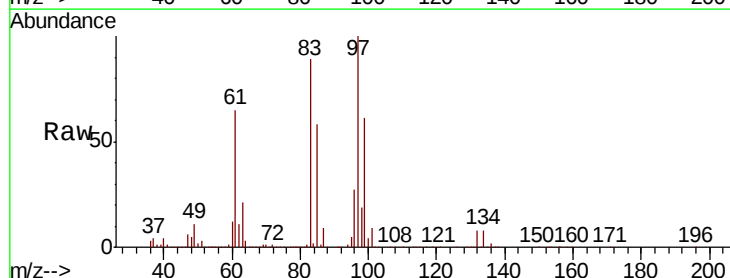
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

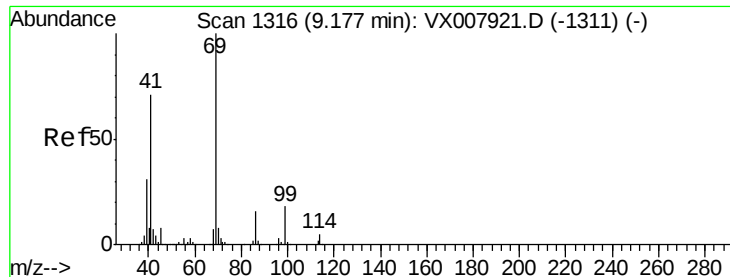
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	54.8	38.5	57.7



#50
 1,1,2-Trichloroethane
 Concen: 146.974 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	72.0	108.0
85	57.7	45.0	67.6
99	61.1	54.2	81.4





#51

Ethyl methacrylate

Concen: 155.767 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

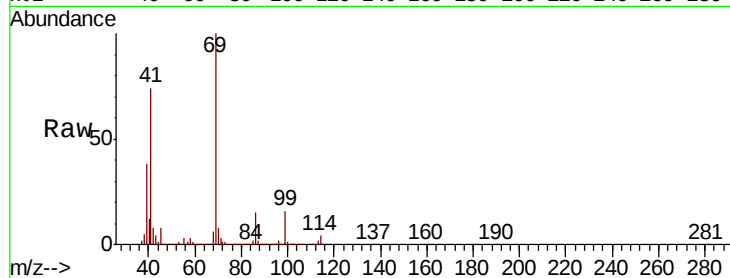
Tgt Ion: 69 Resp: 730317

Ion Ratio Lower Upper

69 100

41 73.6 32.1 96.5

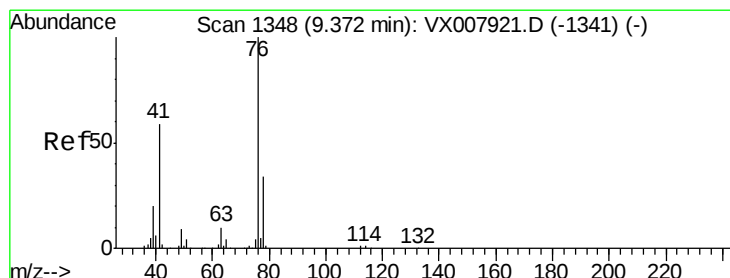
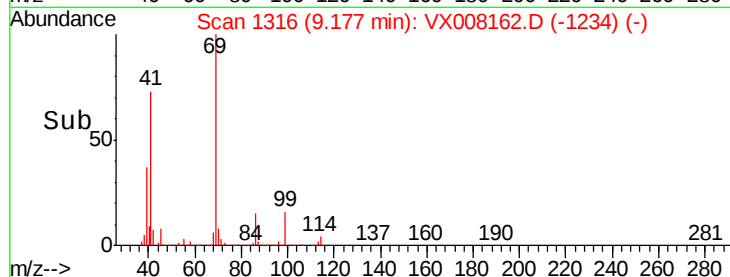
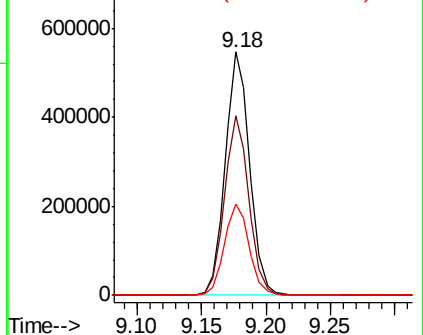
39 37.6 18.8 56.3



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: 142.955 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008162.D

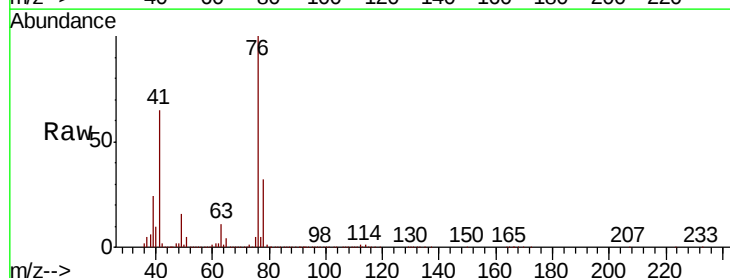
Acq: 18 Mar 2019 12:07

Tgt Ion: 76 Resp: 763517

Ion Ratio Lower Upper

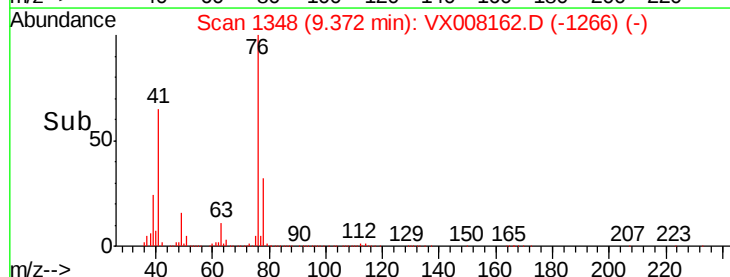
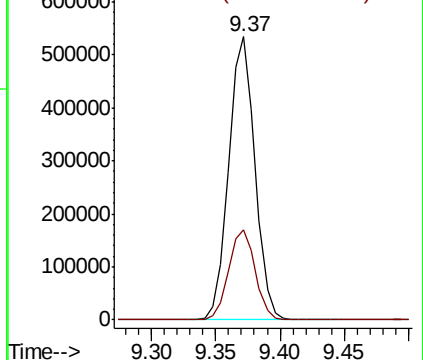
76 100

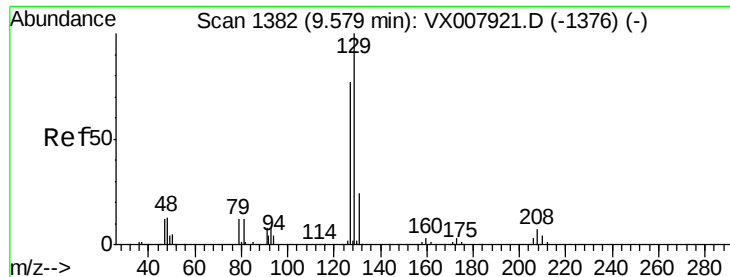
78 32.2 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 157.265 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

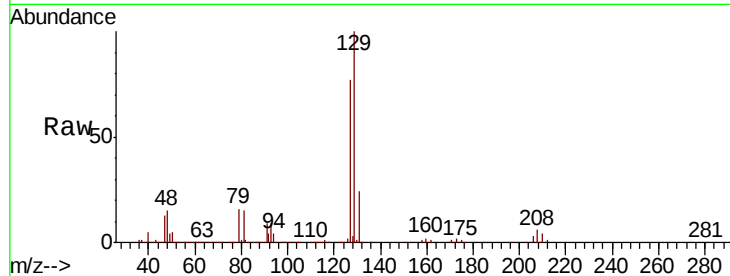
VSTDIC150

Tgt Ion:129 Resp: 440762

Ion Ratio Lower Upper

129 100

127 77.7 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

300000

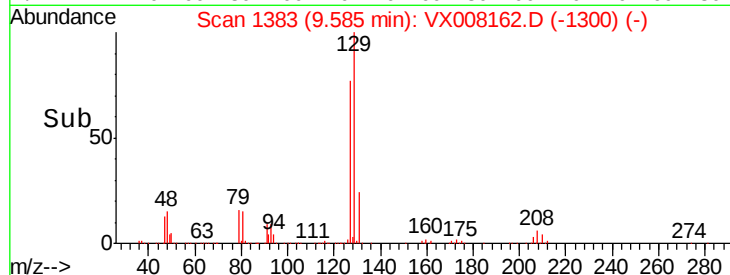
200000

100000

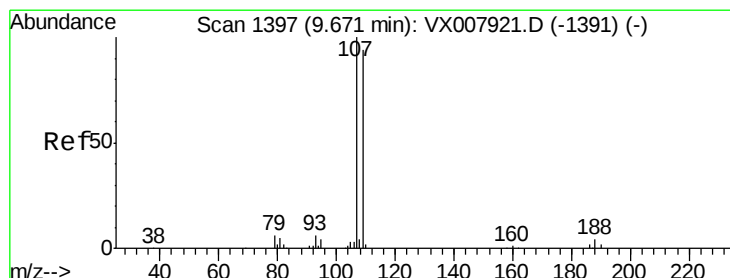
0

9.59

9.55 9.60 9.65 9.70



Time-->



#54

1,2-Dibromoethane

Concen: 143.815 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008162.D

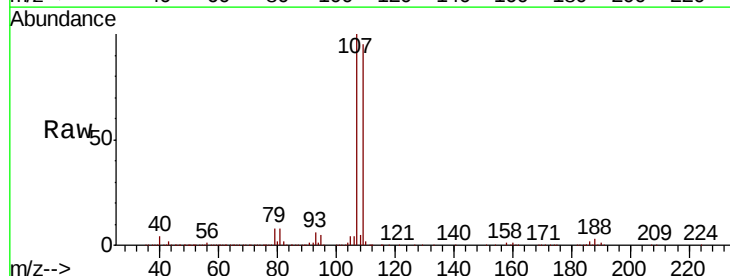
Acq: 18 Mar 2019 12:07

Tgt Ion:107 Resp: 452140

Ion Ratio Lower Upper

107 100

109 94.0 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

300000

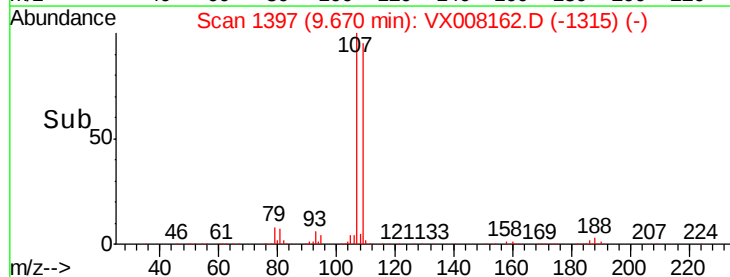
200000

100000

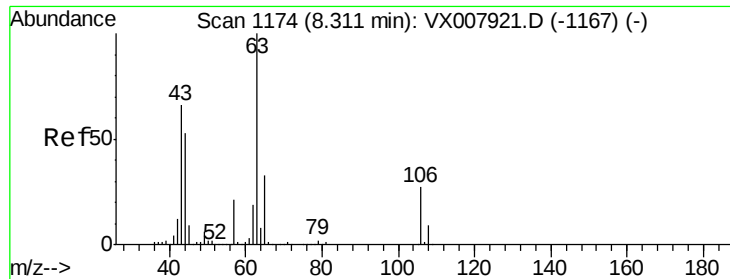
0

9.67

9.60 9.65 9.70 9.75



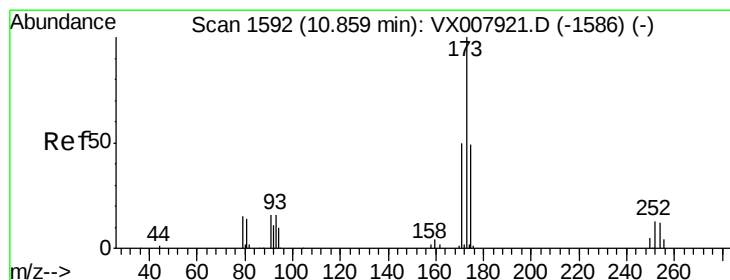
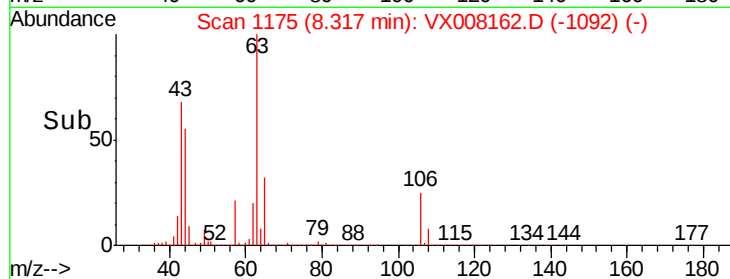
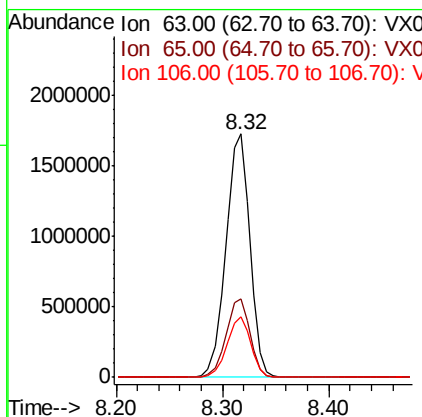
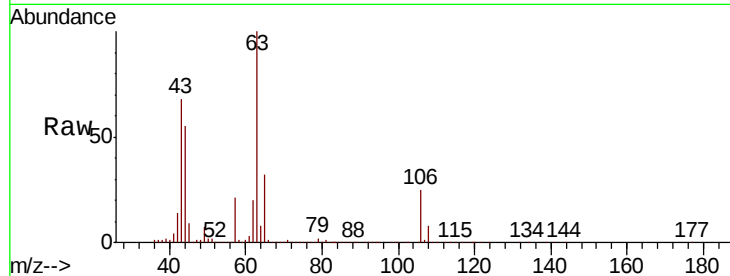
Time-->



#55
 2-Chloroethyl vinyl ether
 Concen: 776.611 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

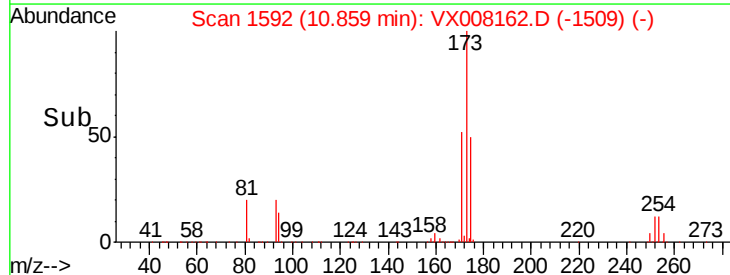
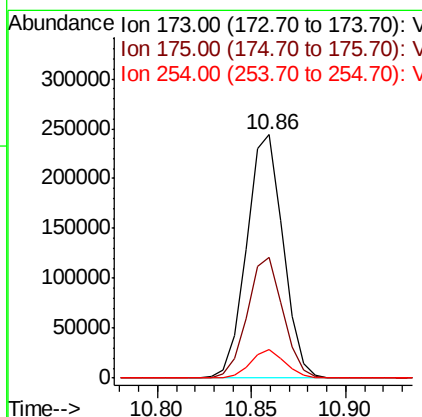
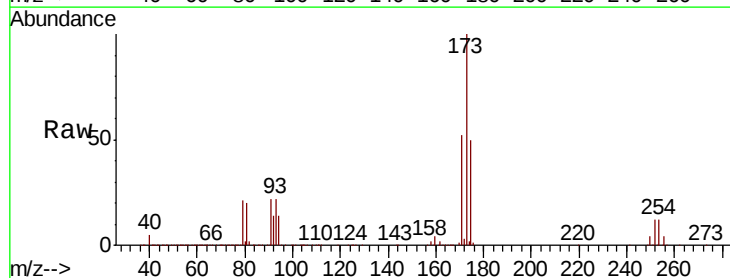
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

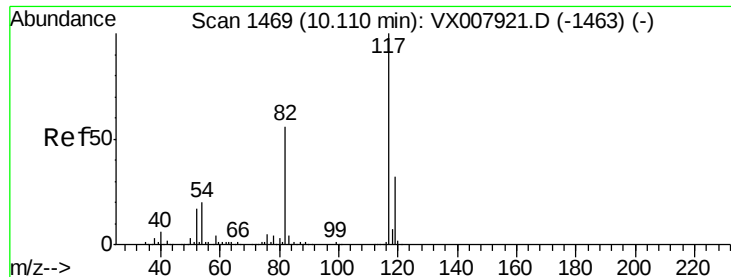
Tgt Ion: 63 Resp: 2716992
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.7 38.5
 106 24.6 23.7 35.5



#56
 Bromoform
 Concen: 164.658 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion: 173 Resp: 327239
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.5 57.7
 254 11.1 7.4 11.2

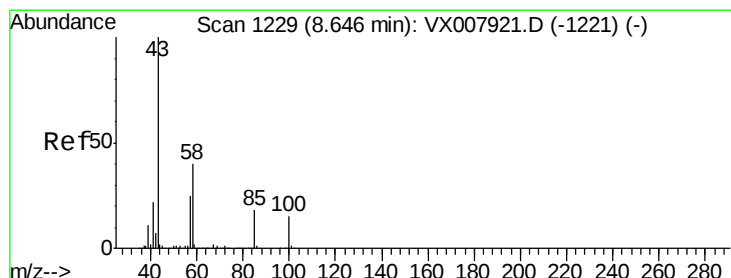
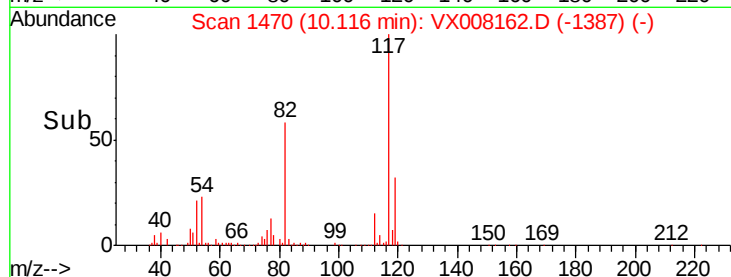
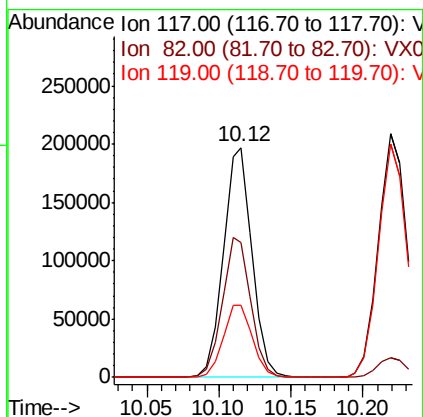
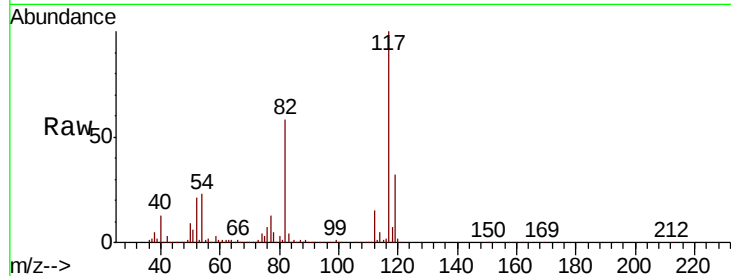




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

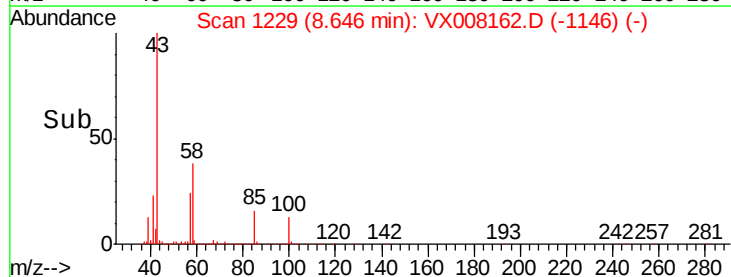
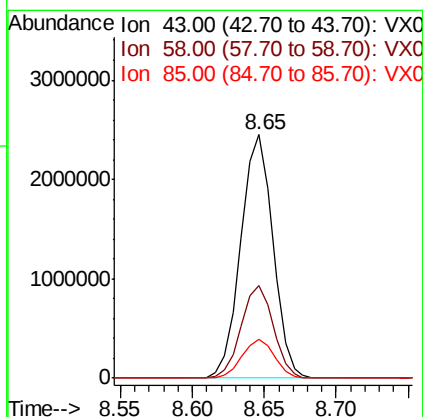
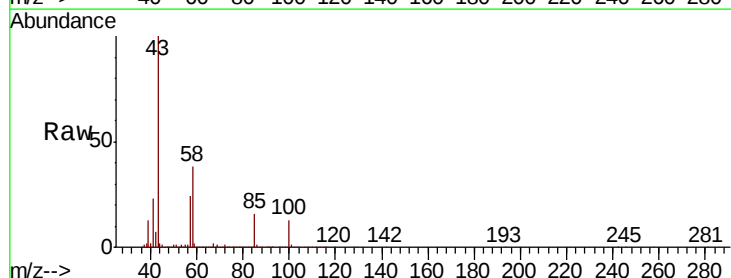
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

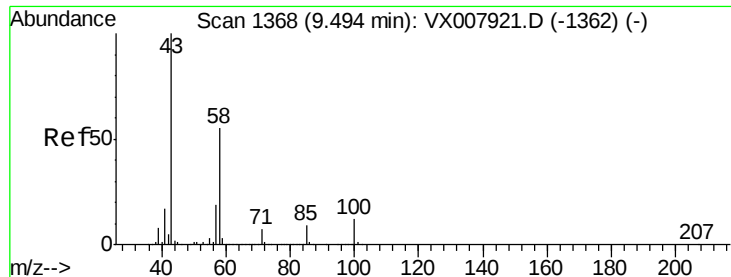
Tgt Ion: 117 Resp: 273875
Ion Ratio Lower Upper
117 100
82 60.1 40.4 60.6
119 32.4 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 728.150 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 43 Resp: 3796126
Ion Ratio Lower Upper
43 100
58 38.0 31.4 47.0
85 15.9 15.0 22.6

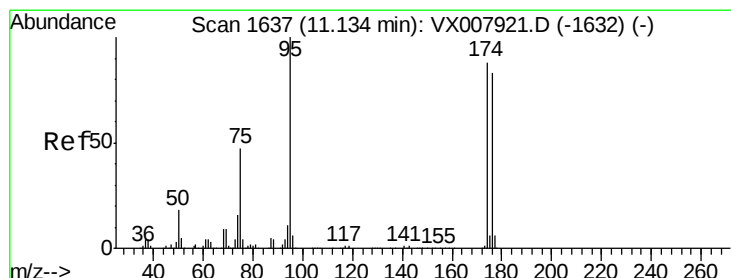
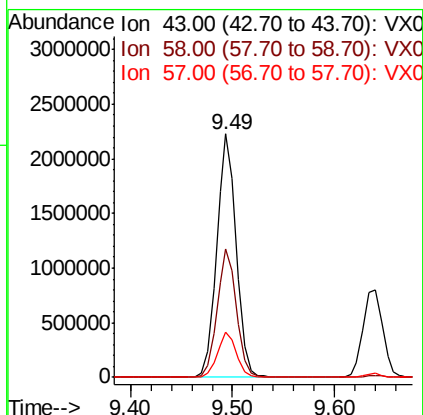
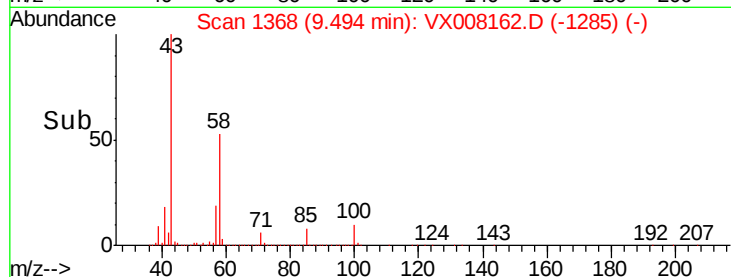
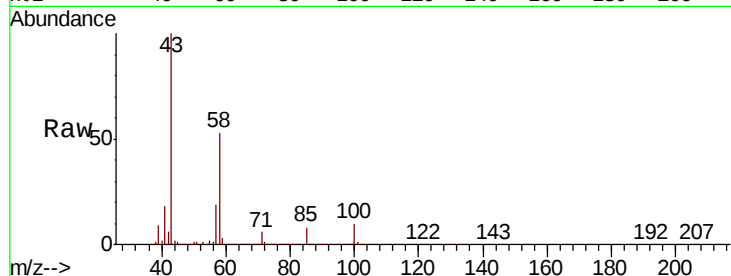




#59
2-Hexanone
Concen: 699.877 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

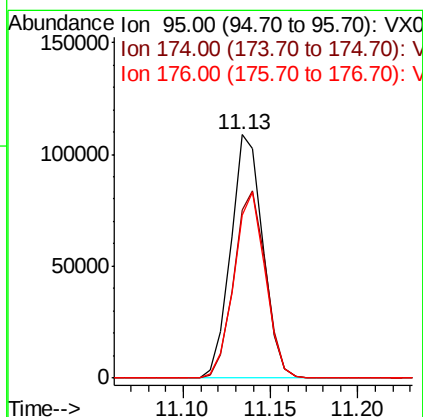
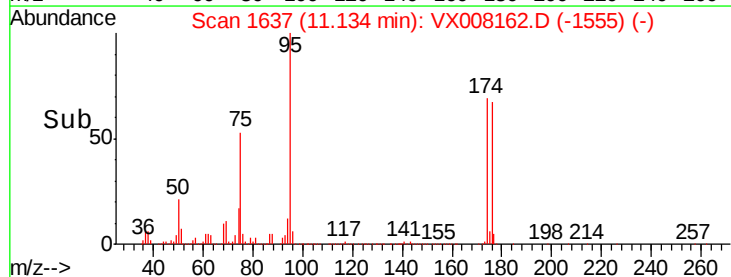
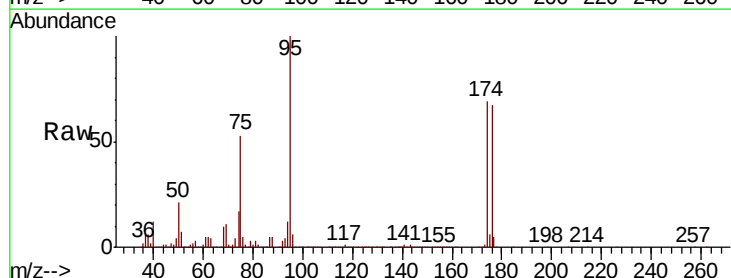
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

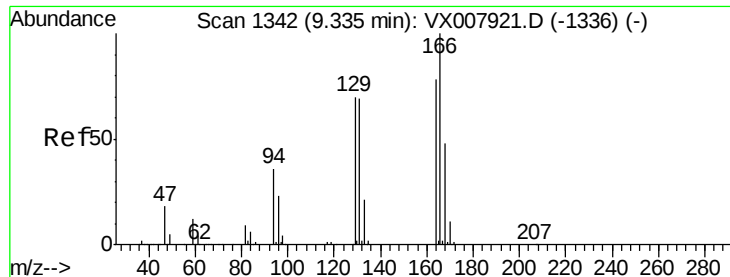
Tgt Ion: 43 Resp: 2973161
Ion Ratio Lower Upper
43 100
58 52.5 43.9 65.9
57 18.3 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.202 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 95 Resp: 139090
Ion Ratio Lower Upper
95 100
174 76.7 74.9 112.3
176 74.5 70.7 106.1





#61

Tetrachloroethene

Concen: 147.450 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 397744

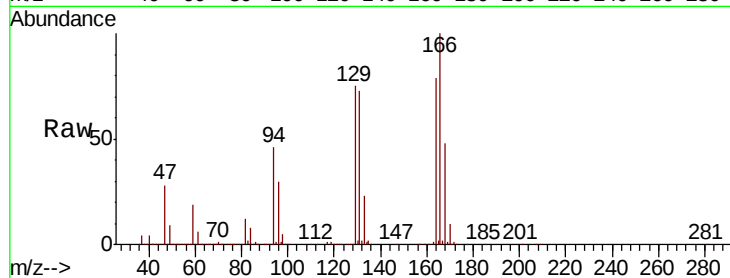
Ion Ratio Lower Upper

164 100

166 127.0 103.9 155.9

129 95.7 74.7 112.1

131 92.1 71.7 107.5

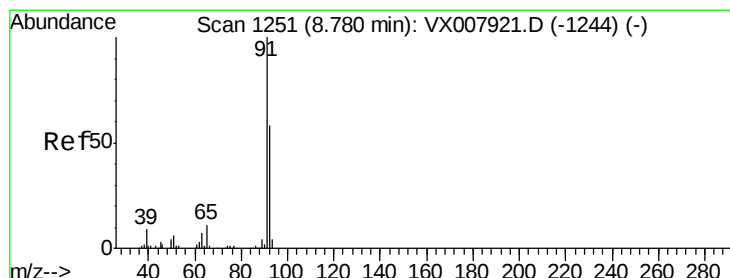
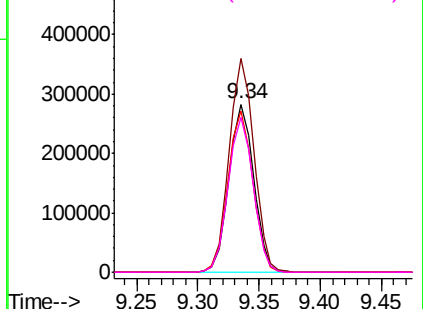
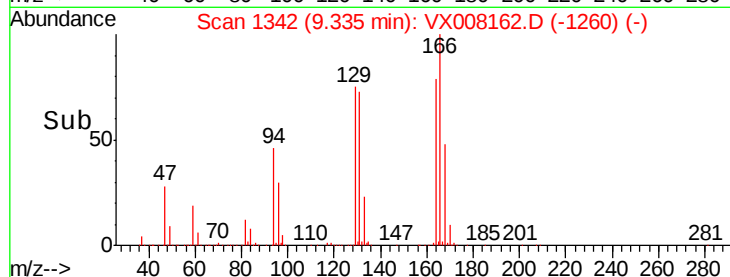


Abundance Ion 163.85 (163.55 to 164.55): V

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: 148.893 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008162.D

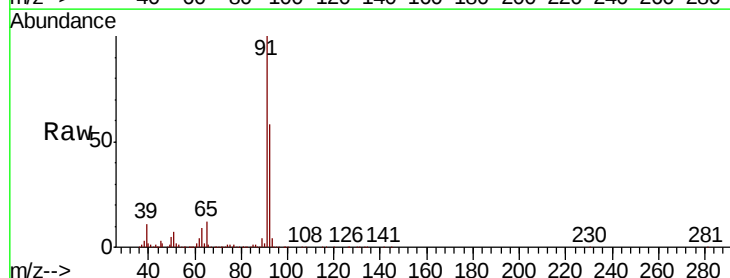
Acq: 18 Mar 2019 12:07

Tgt Ion: 91 Resp: 1873283

Ion Ratio Lower Upper

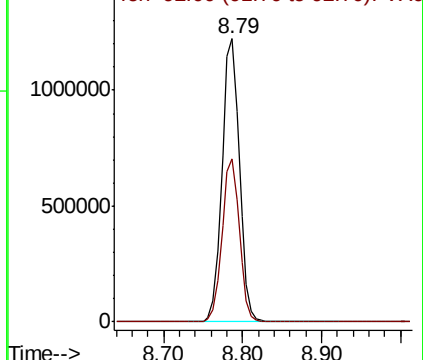
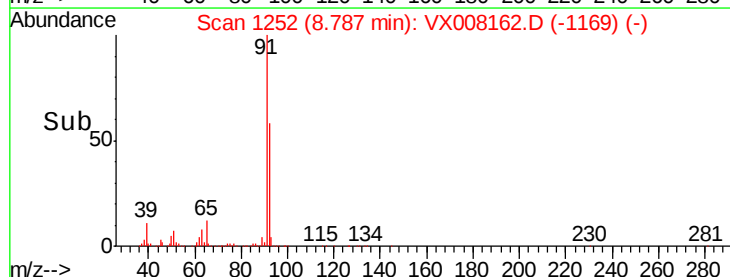
91 100

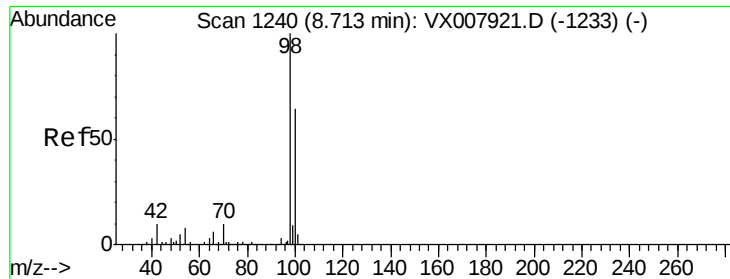
92 57.4 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

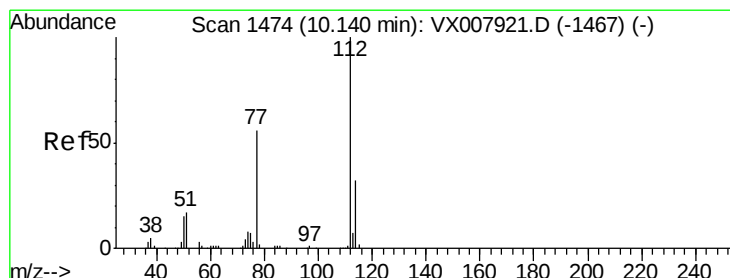
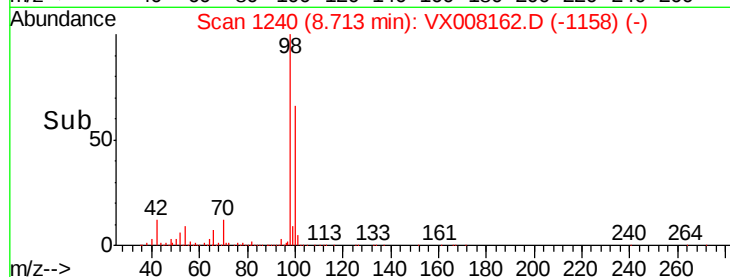
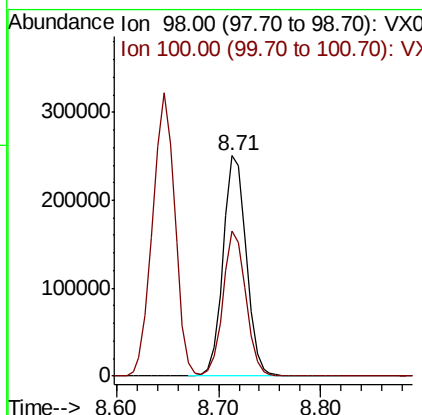
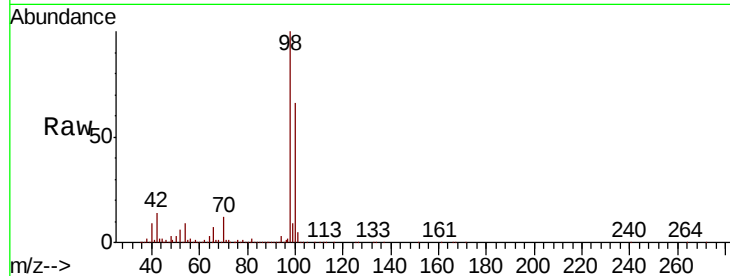




#63
Toluene-d8
Concen: 29.346 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

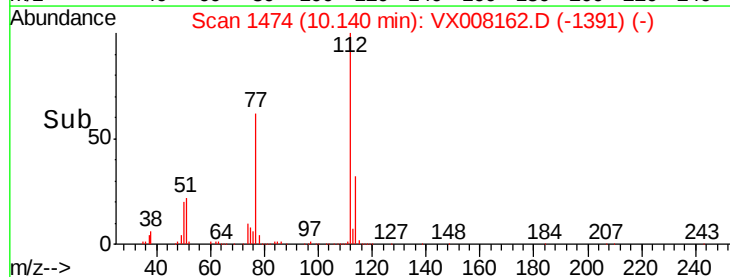
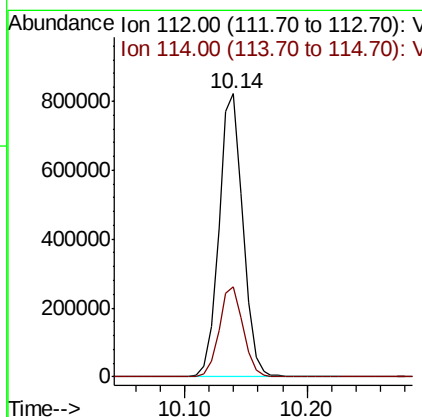
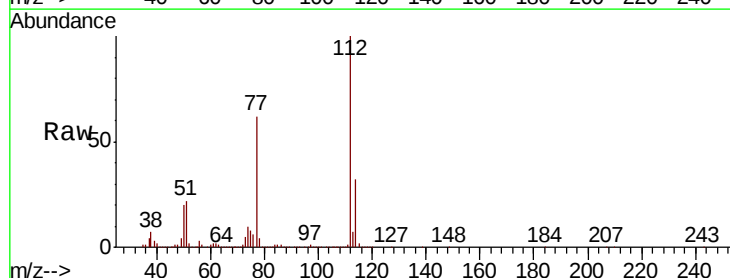
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

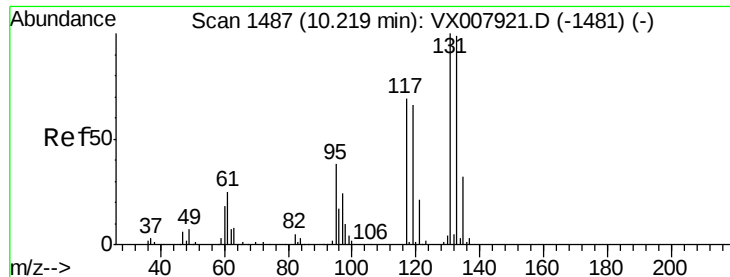
Tgt Ion: 98 Resp: 394326
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#64
Chlorobenzene
Concen: 147.663 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 112 Resp: 1111442
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

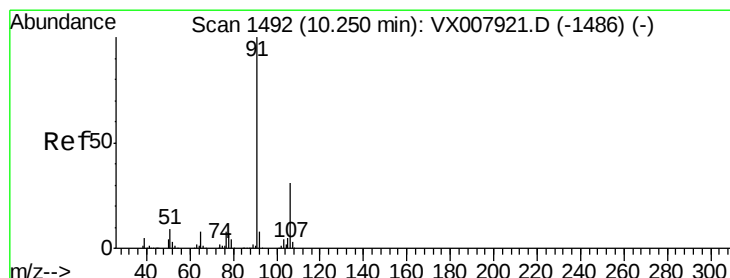
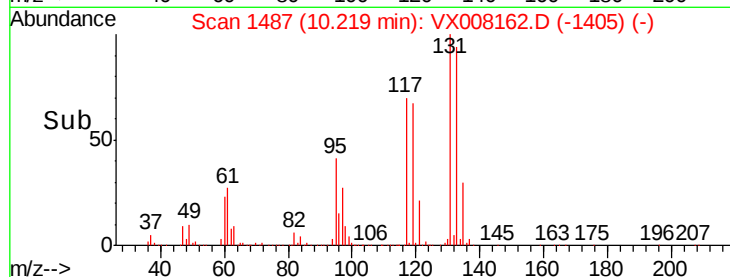
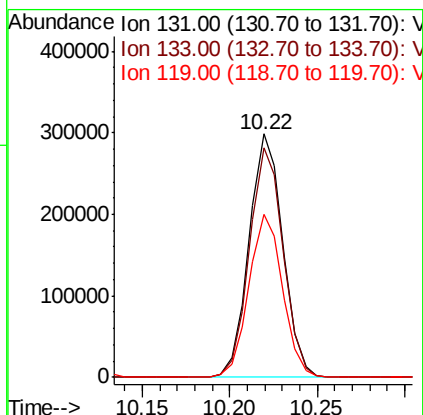
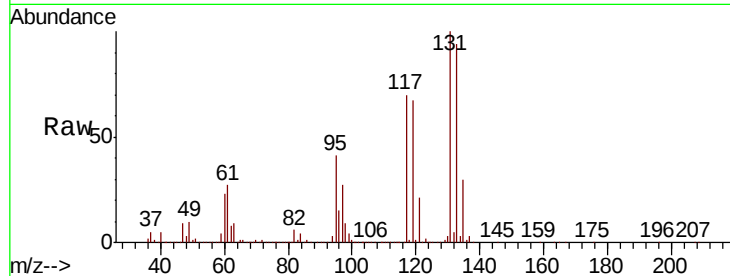




#65
 1,1,1,2-Tetrachloroethane
 Concen: 155.840 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

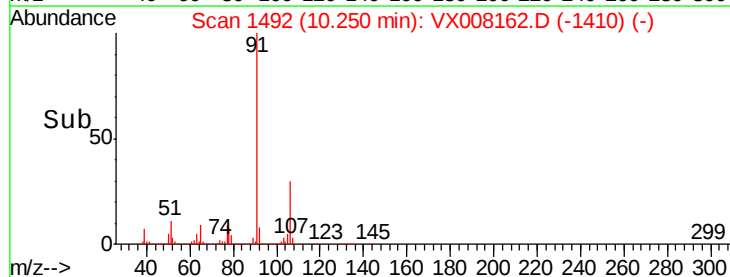
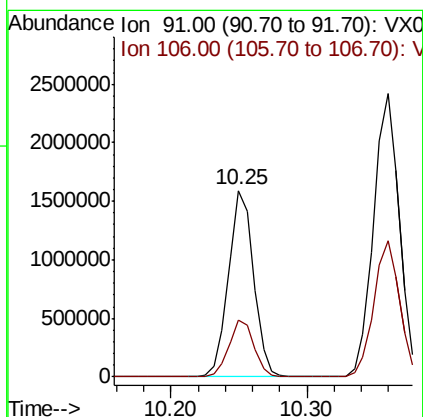
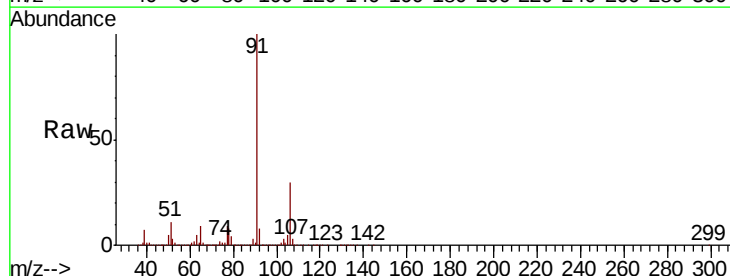
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

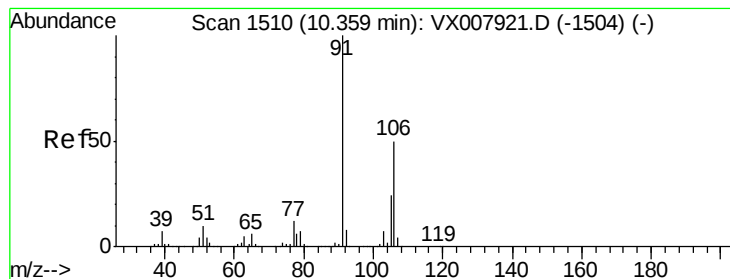
Tgt Ion: 131 Resp: 402798
 Ion Ratio Lower Upper
 131 100
 133 94.6 0.0 191.6
 119 67.0 0.0 127.4



#66
 Ethyl Benzene
 Concen: 153.976 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion: 91 Resp: 2038678
 Ion Ratio Lower Upper
 91 100
 106 30.3 26.0 39.0





#67

m/p-Xylenes

Concen: 310.841 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

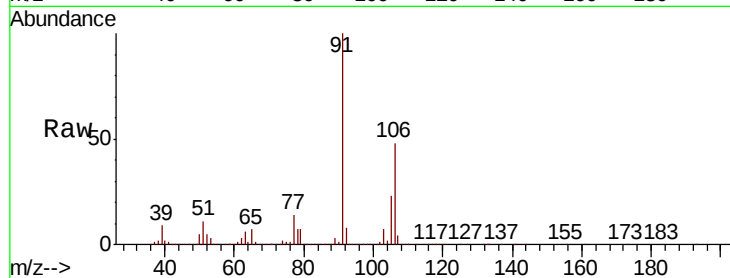
VSTDIC150

Tgt Ion:106 Resp: 1521404

Ion Ratio Lower Upper

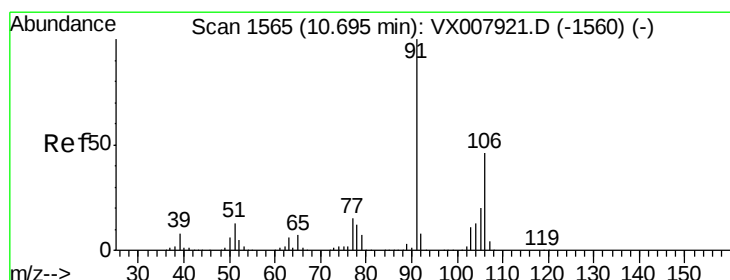
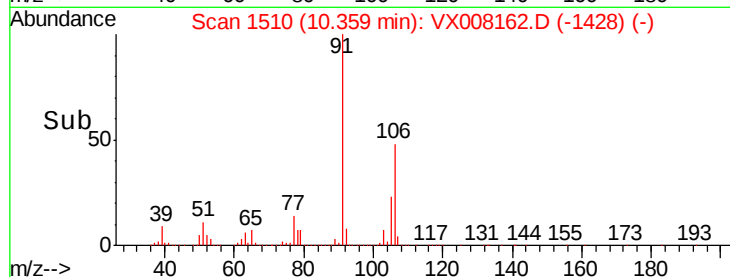
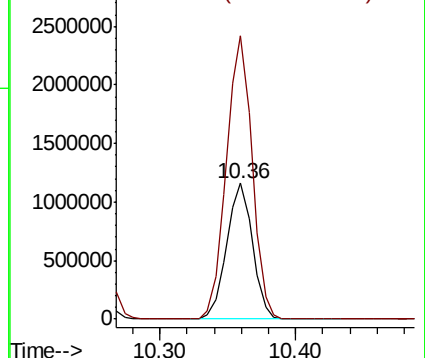
106 100

91 208.9 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 154.442 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX008162.D

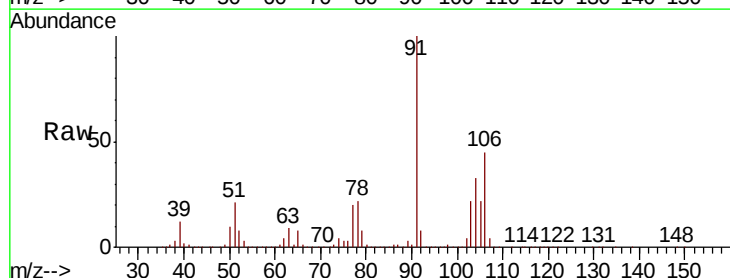
Acq: 18 Mar 2019 12:07

Tgt Ion:106 Resp: 729484

Ion Ratio Lower Upper

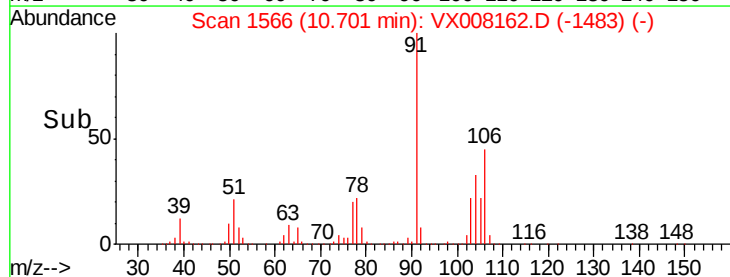
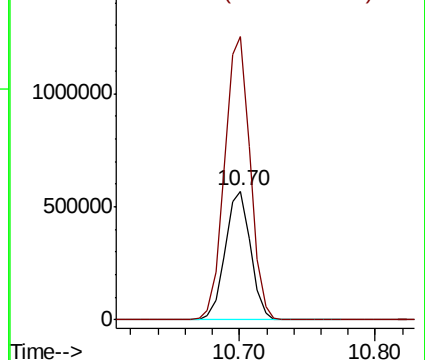
106 100

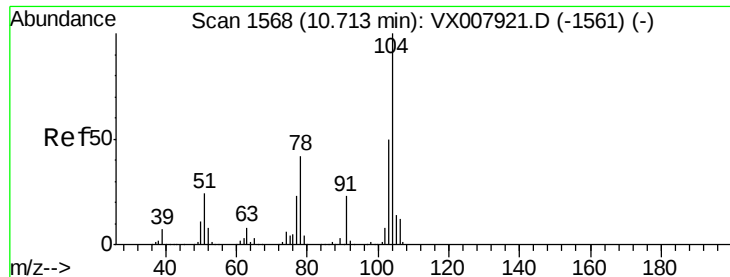
91 222.1 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

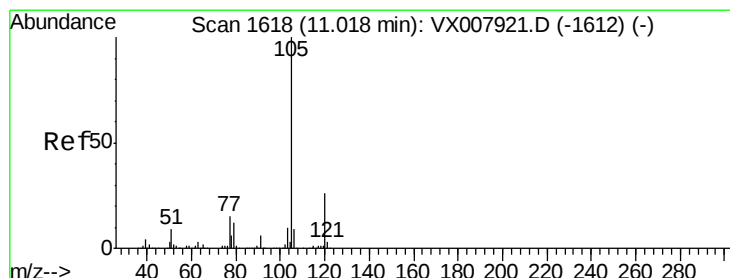
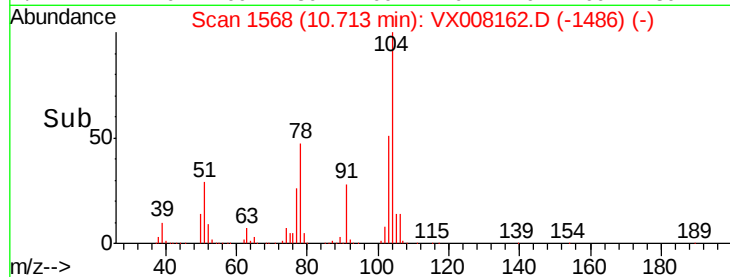
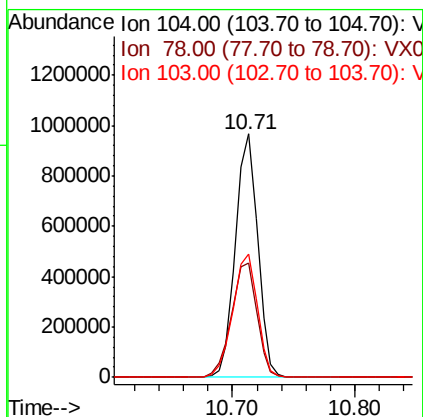
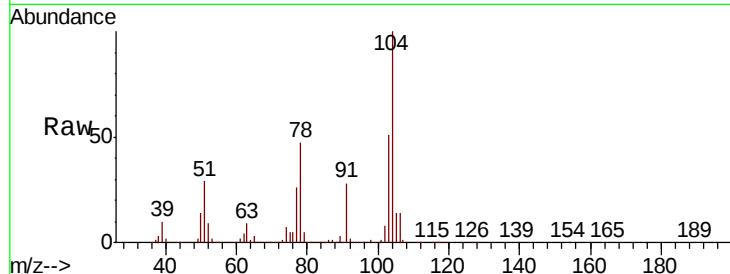




#69
Styrene
Concen: 158.070 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

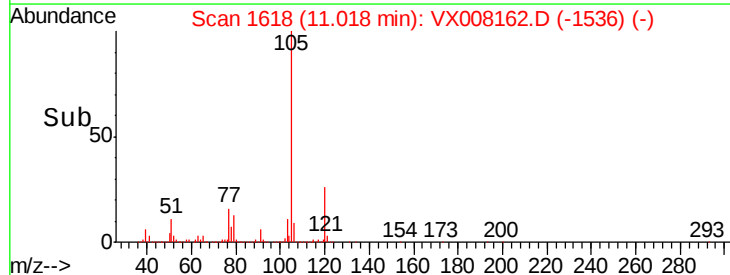
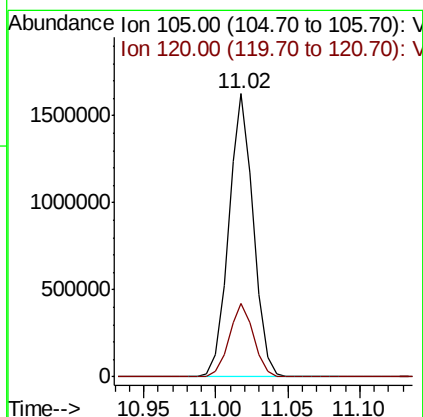
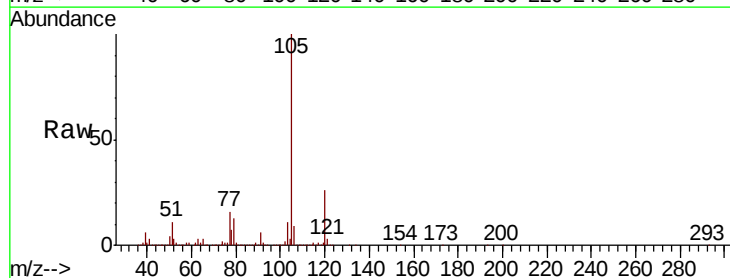
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

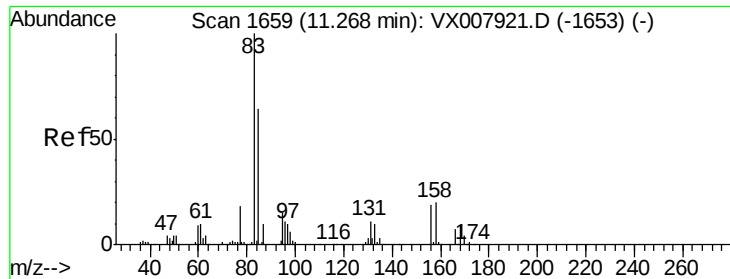
Tgt Ion:104 Resp: 1212260
Ion Ratio Lower Upper
104 100
78 53.6 38.2 57.2
103 56.2 45.0 67.4



#70
Isopropylbenzene
Concen: 152.643 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion:105 Resp: 1945039
Ion Ratio Lower Upper
105 100
120 26.0 19.8 36.8

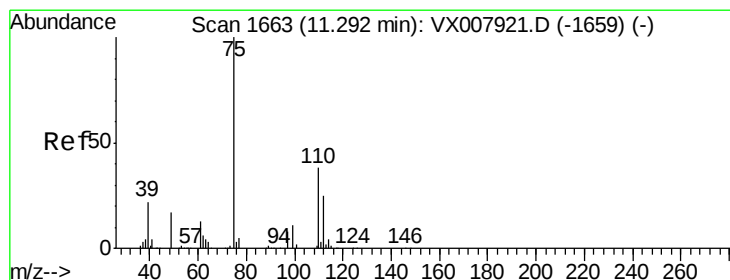
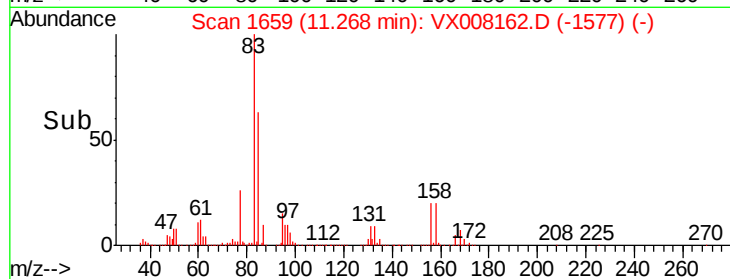
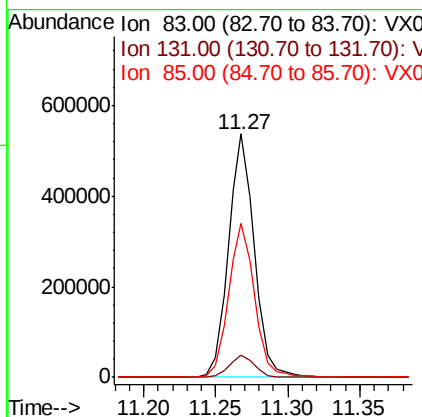
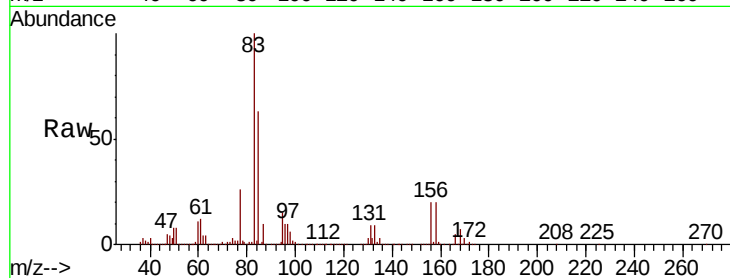




#71
 1,1,2,2-Tetrachloroethane
 Concen: 145.398 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

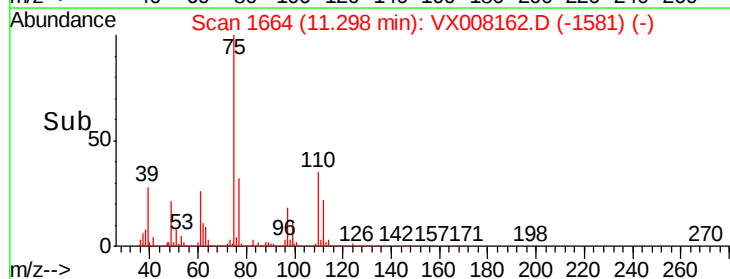
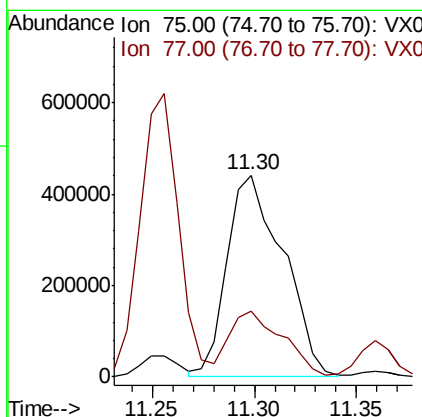
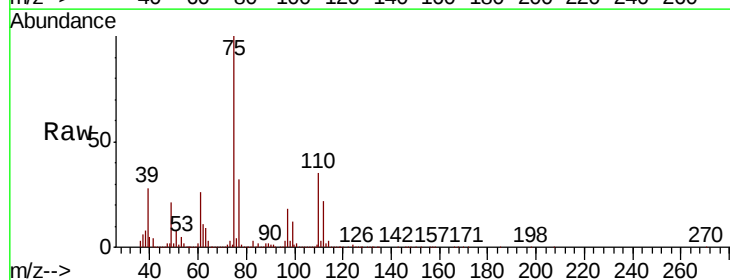
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

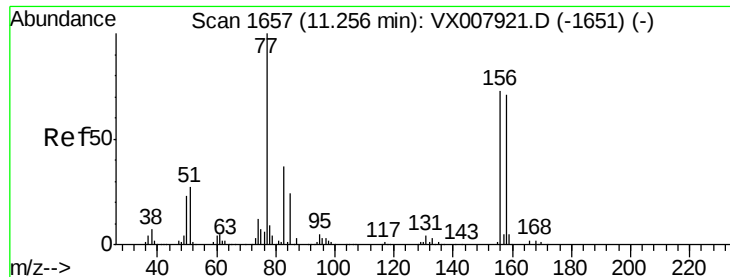
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.4	16.2
85	63.9	32.8	98.4



#72
 1,2,3-Trichloropropane
 Concen: 207.604 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	0.0	76.4





#73

Bromobenzene

Concen: 151.533 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

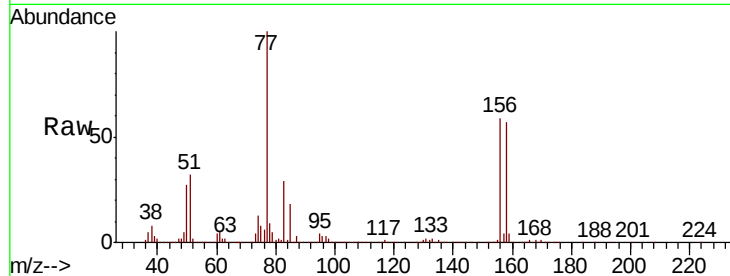
Tgt Ion:156 Resp: 455583

Ion Ratio Lower Upper

156 100

77 178.5 0.0 271.4

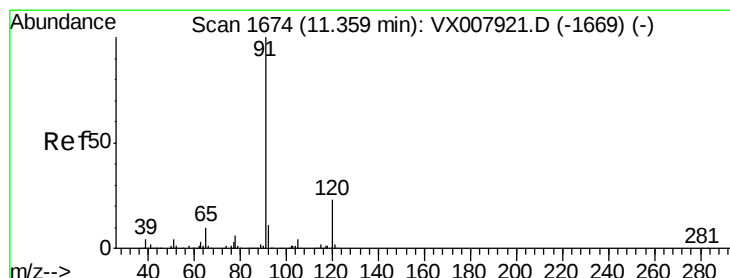
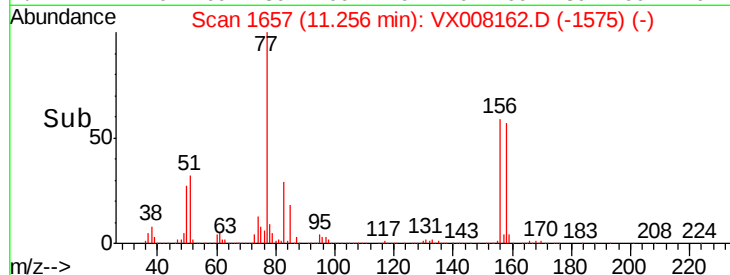
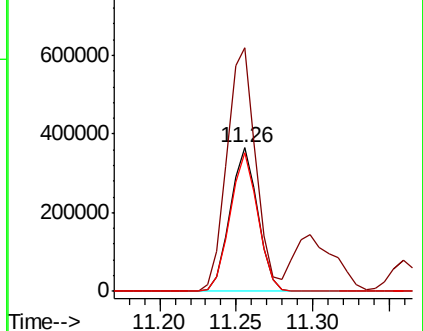
158 96.8 0.0 194.0



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: 156.524 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008162.D

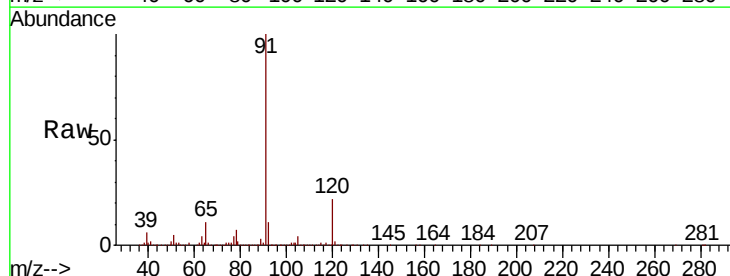
Acq: 18 Mar 2019 12:07

Tgt Ion: 91 Resp: 2325906

Ion Ratio Lower Upper

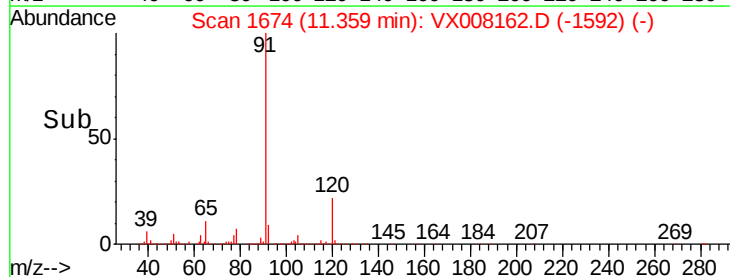
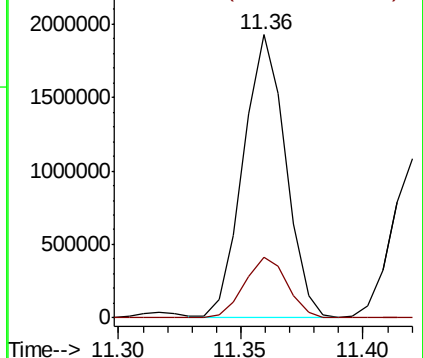
91 100

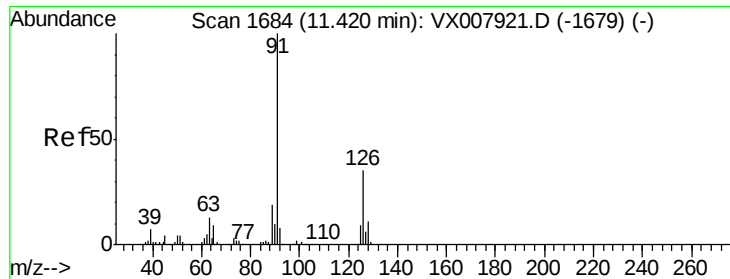
120 21.7 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 150.262 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

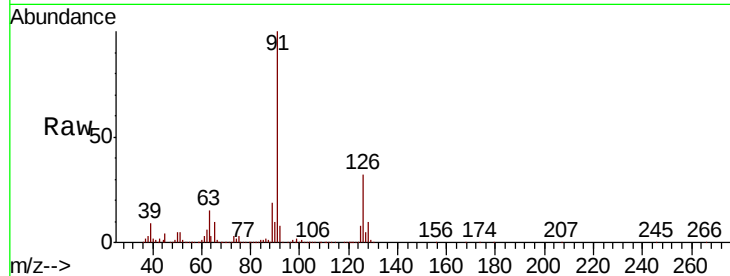
VSTDIC150

Tgt Ion: 91 Resp: 1341812

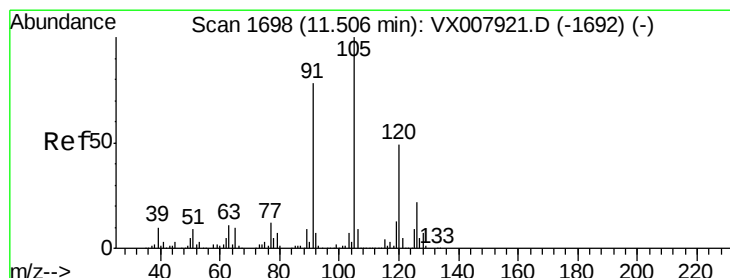
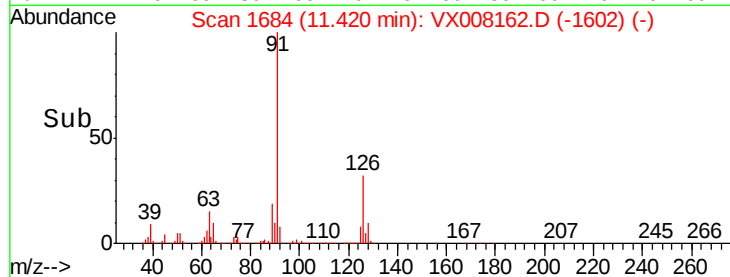
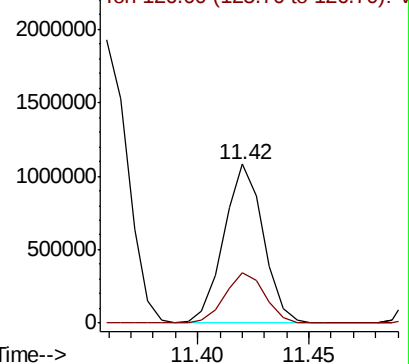
Ion Ratio Lower Upper

91 100

126 32.2 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 155.729 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008162.D

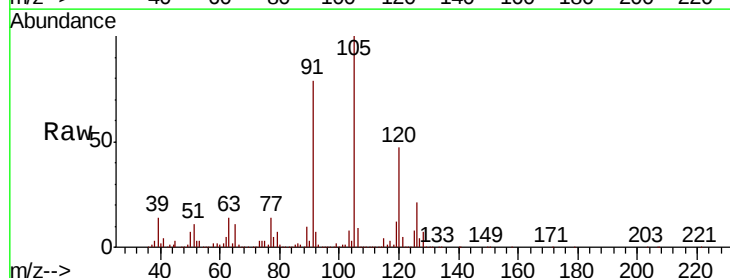
Acq: 18 Mar 2019 12:07

Tgt Ion: 105 Resp: 1638810

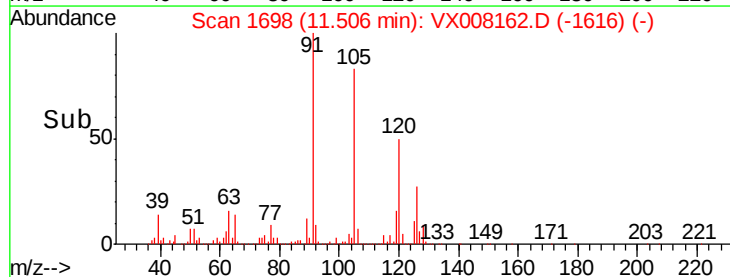
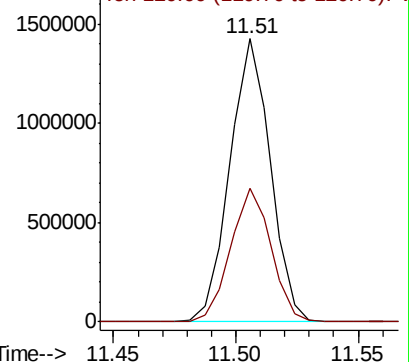
Ion Ratio Lower Upper

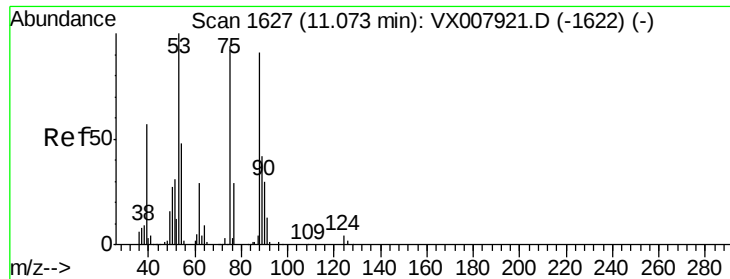
105 100

120 47.2 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007921.D (-1692) (-)

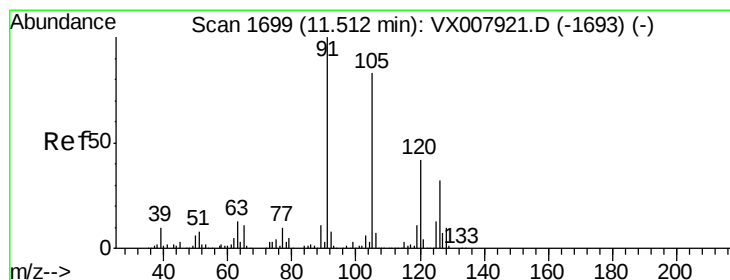
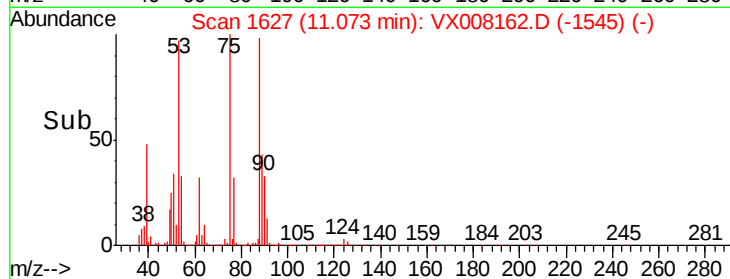
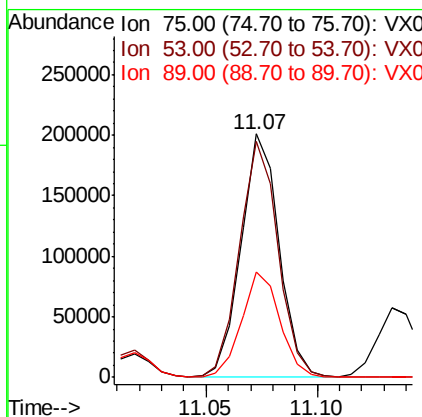
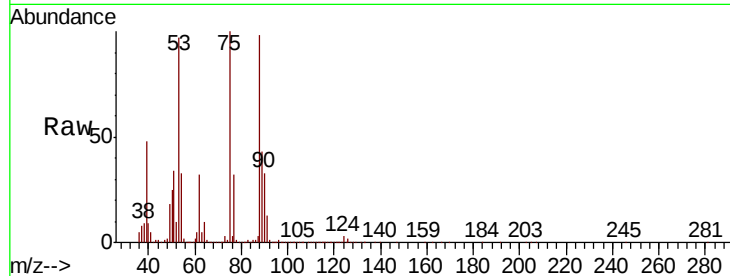




#77
t-1,4-Dichloro-2-butene
Concen: 180.285 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

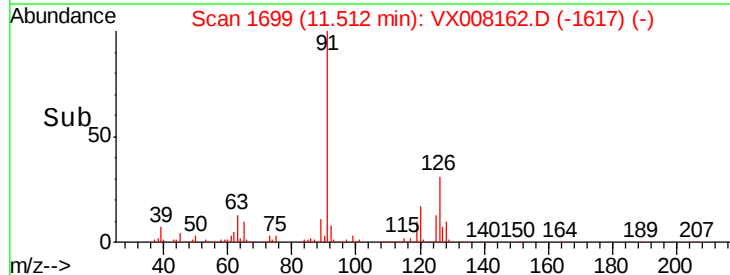
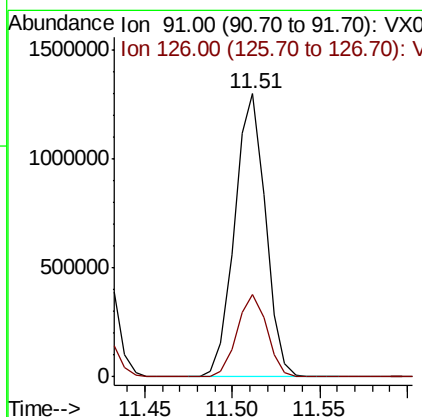
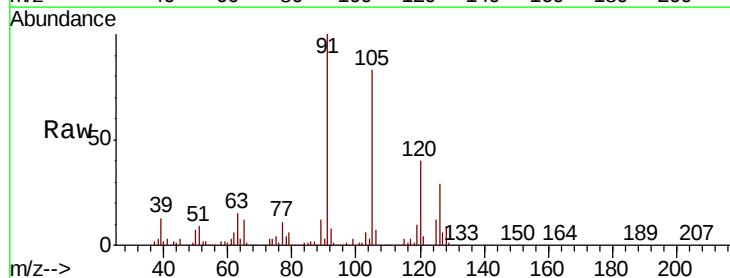
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

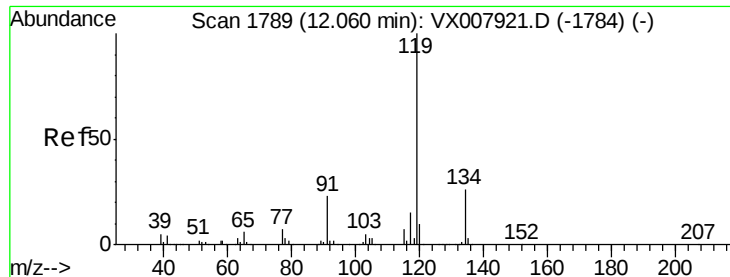
Tgt Ion: 75 Resp: 239589
Ion Ratio Lower Upper
75 100
53 97.2 55.5 166.7
89 43.1 24.4 73.2



#78
4-Chlorotoluene
Concen: 157.535 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 91 Resp: 1593651
Ion Ratio Lower Upper
91 100
126 28.3 0.0 66.2

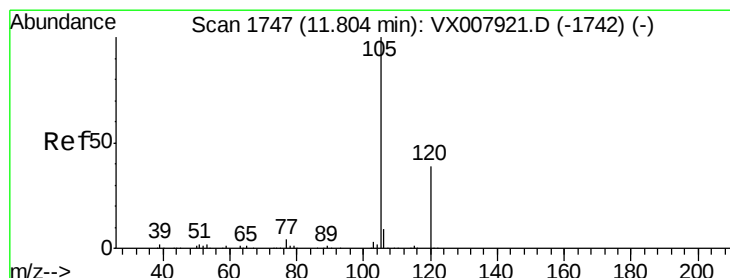
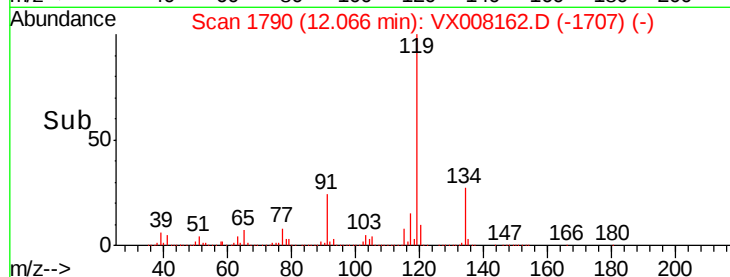
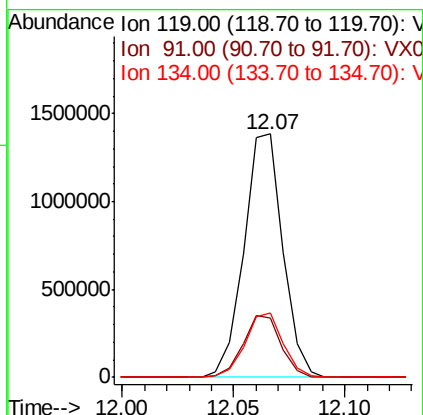
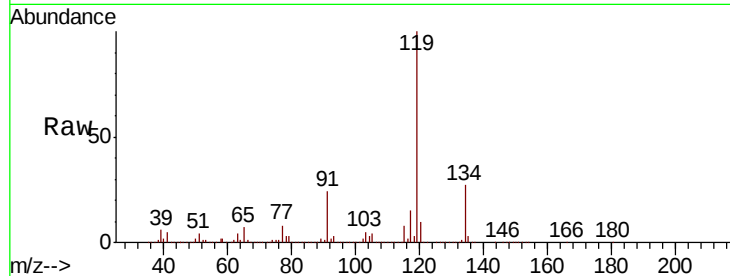




#79
tert-butylbenzene
Concen: 159.761 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

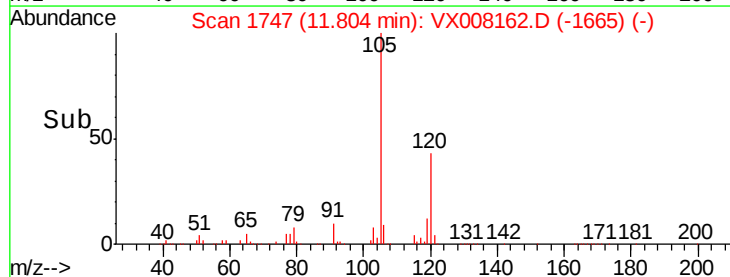
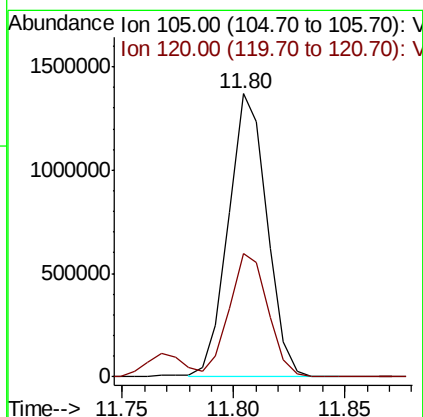
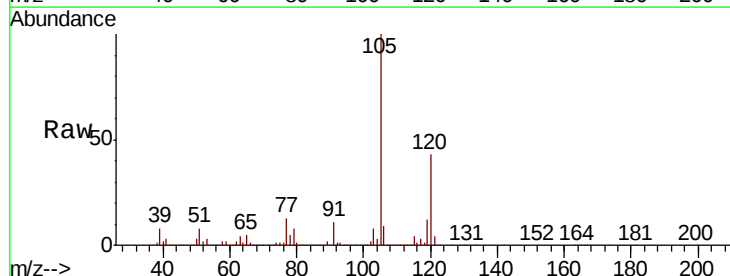
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

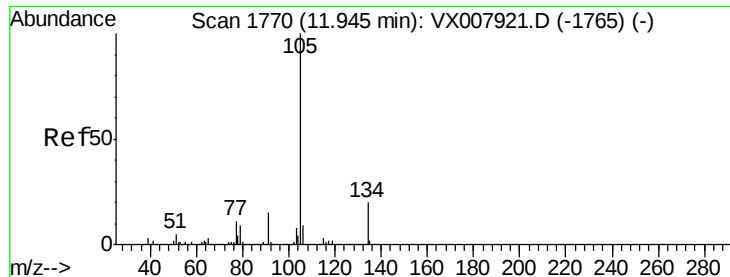
Tgt Ion:119 Resp: 1682610
Ion Ratio Lower Upper
119 100
91 24.9 0.0 45.0
134 25.8 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 155.886 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion:105 Resp: 1650318
Ion Ratio Lower Upper
105 100
120 43.4 0.0 94.0





#81

sec-Butylbenzene

Concen: 156.000 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

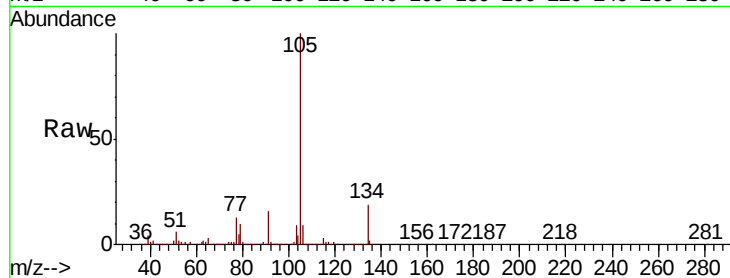
VSTDIC150

Tgt Ion:105 Resp: 1946864

Ion Ratio Lower Upper

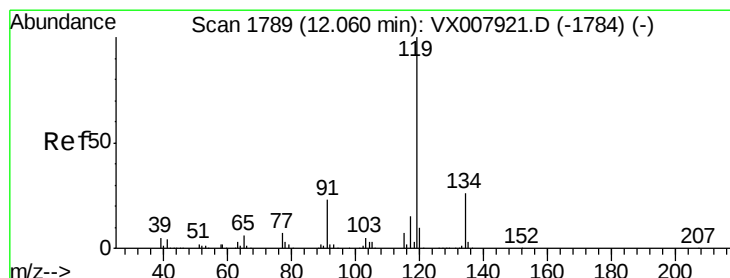
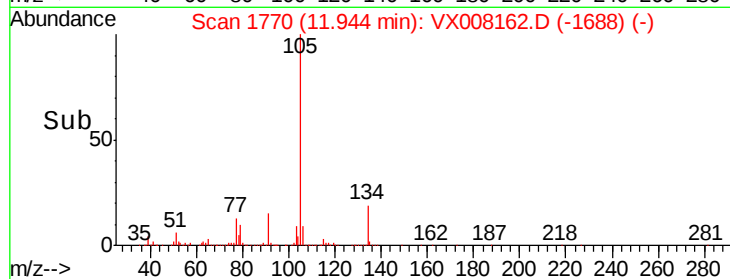
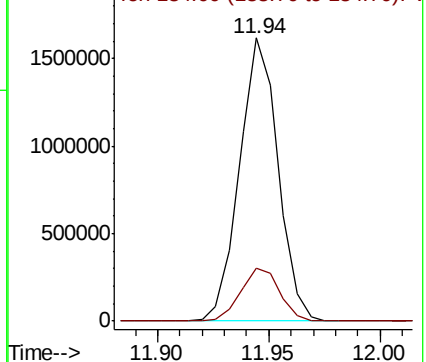
105 100

134 19.2 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 159.761 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

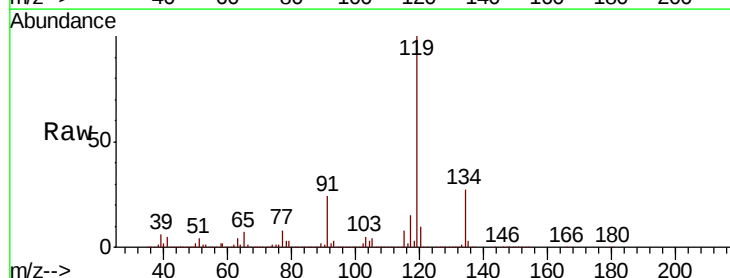
Tgt Ion:119 Resp: 1682610

Ion Ratio Lower Upper

119 100

134 25.8 0.0 55.4

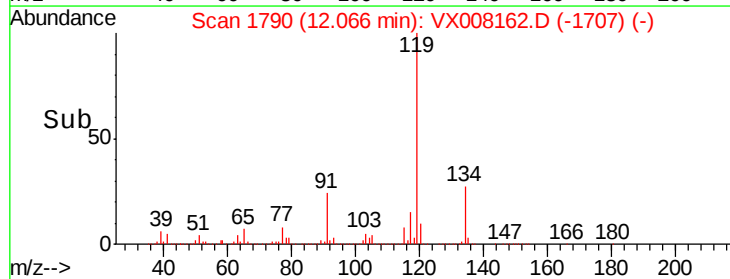
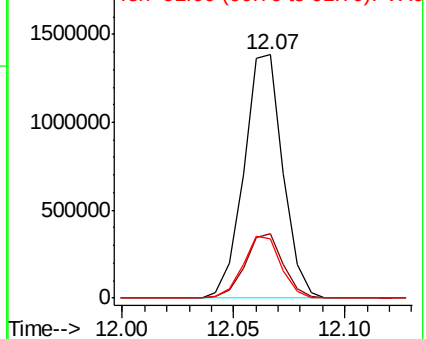
91 24.9 0.0 45.0

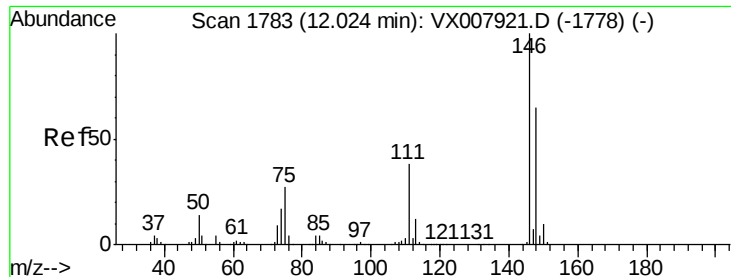


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

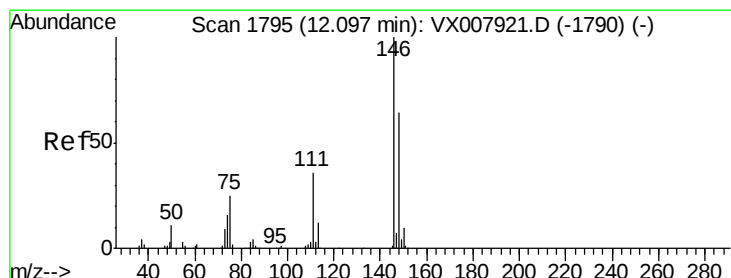
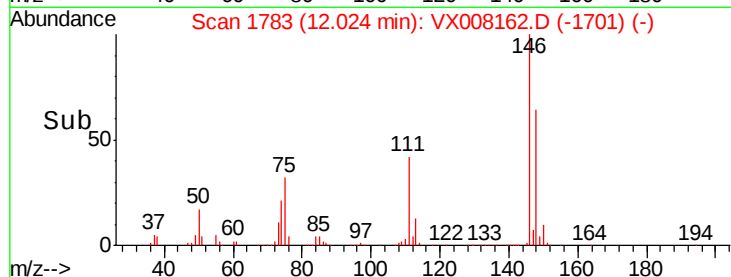
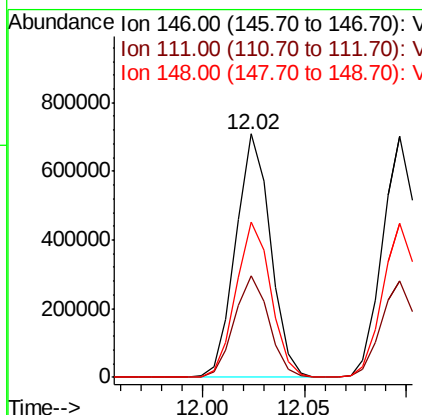
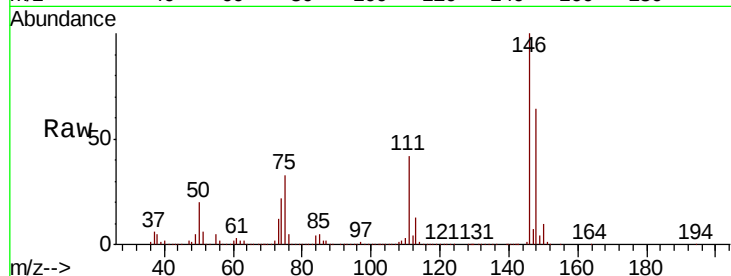




#83
 1,3-Dichlorobenzene
 Concen: 154.912 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

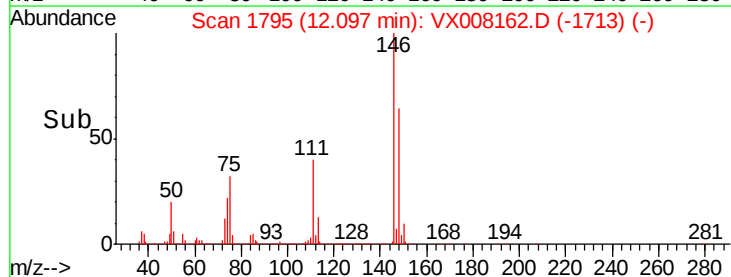
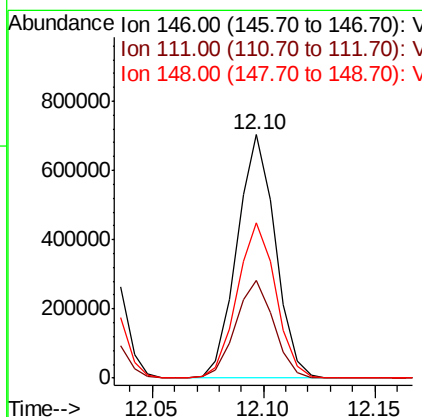
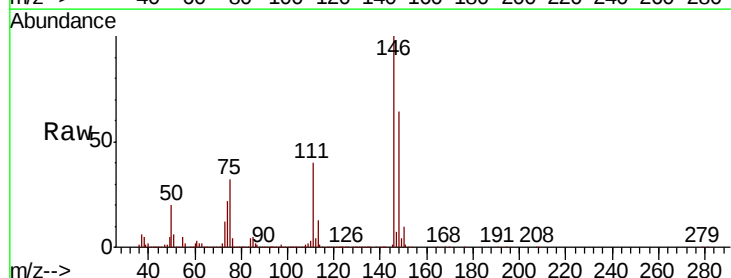
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

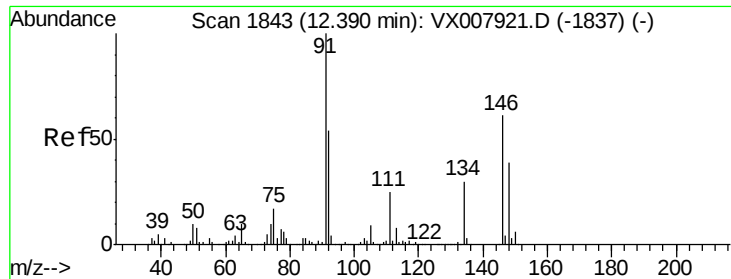
Tgt Ion:146 Resp: 838783
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.8 56.3
 148 64.1 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 159.930 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion:146 Resp: 839666
 Ion Ratio Lower Upper
 146 100
 111 40.0 17.6 52.8
 148 64.3 31.4 94.2

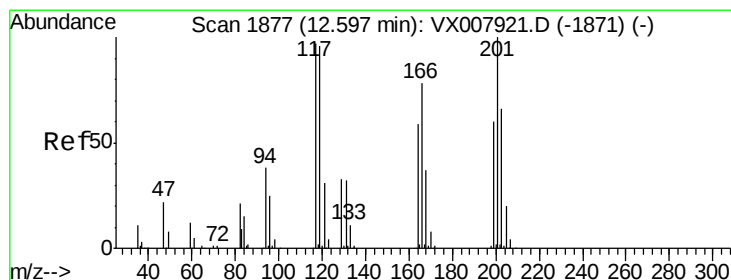
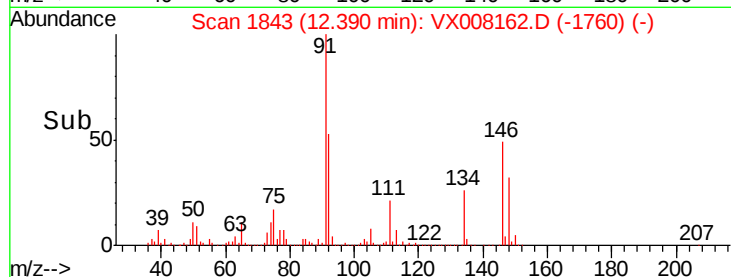
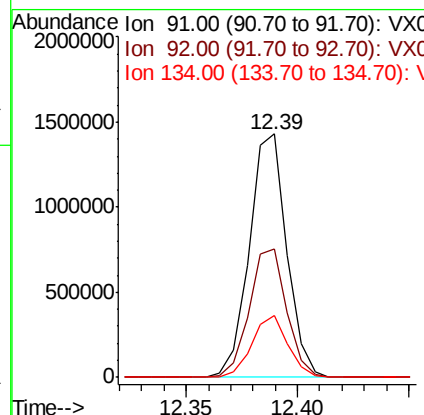
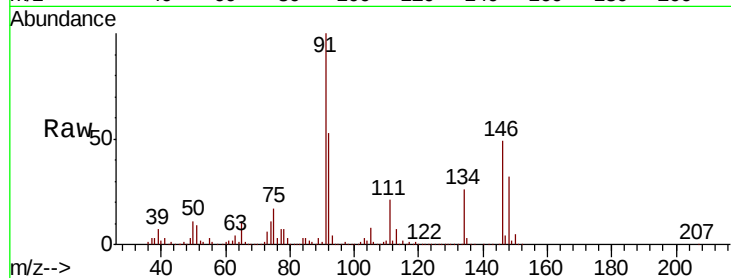




#85
n-Butylbenzene
Concen: 175.630 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

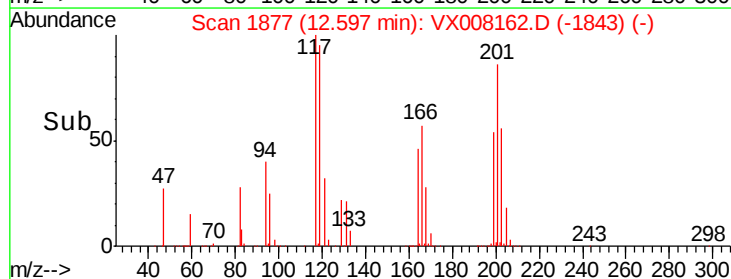
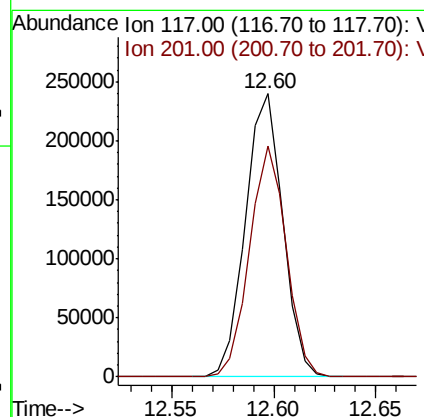
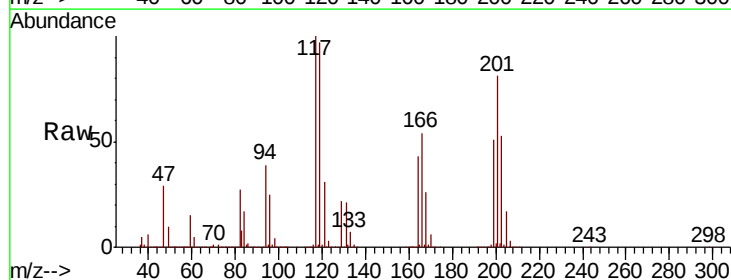
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

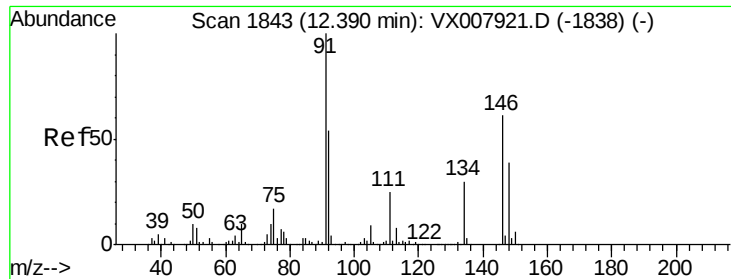
Tgt Ion: 91 Resp: 1676943
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.2
134 24.2 0.0 56.4



#86
Hexachloroethane
Concen: 171.065 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion: 117 Resp: 304531
Ion Ratio Lower Upper
117 100
201 80.4 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 156.903 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

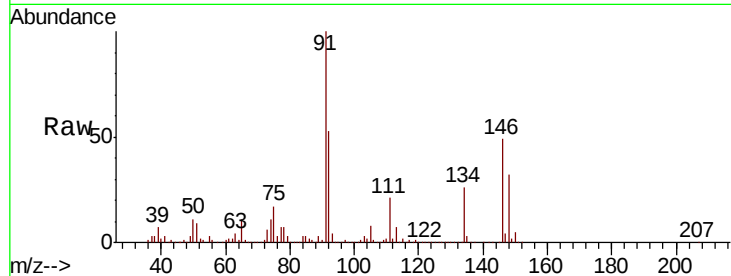
Tgt Ion:146 Resp: 844771

Ion Ratio Lower Upper

146 100

111 42.9 19.3 57.8

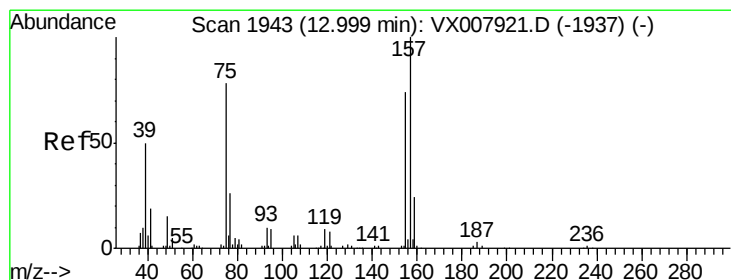
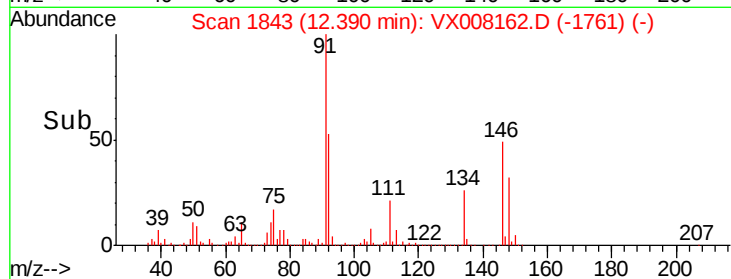
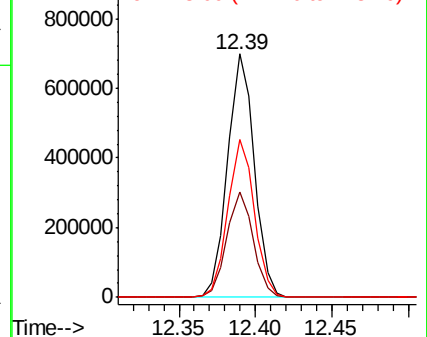
148 64.1 32.1 96.3



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: 165.731 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008162.D

Acq: 18 Mar 2019 12:07

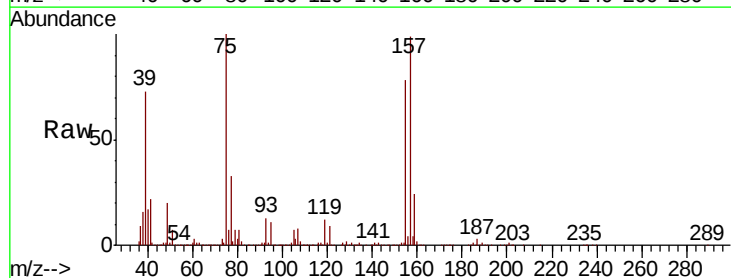
Tgt Ion: 75 Resp: 160930

Ion Ratio Lower Upper

75 100

155 79.1 81.0 121.6#

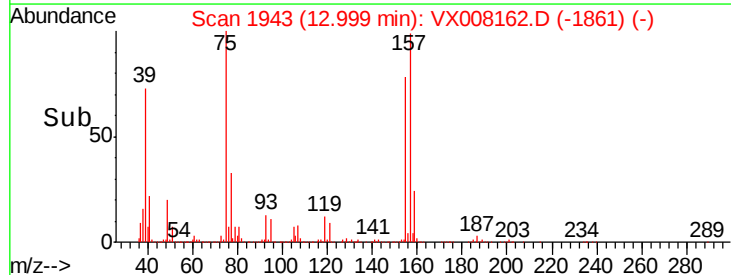
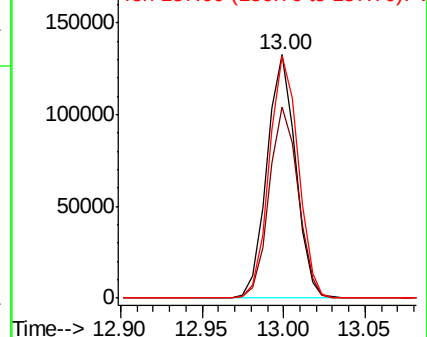
157 100.6 103.2 154.8#

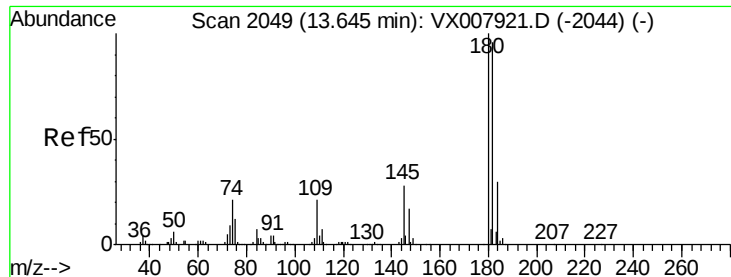


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

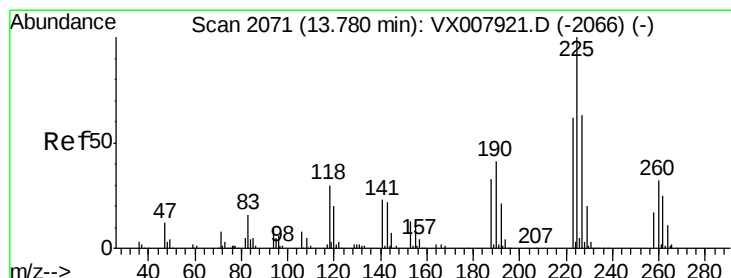
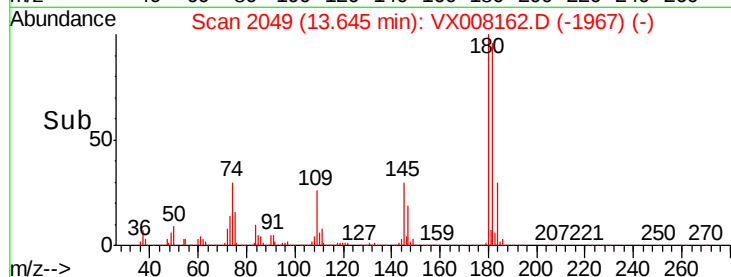
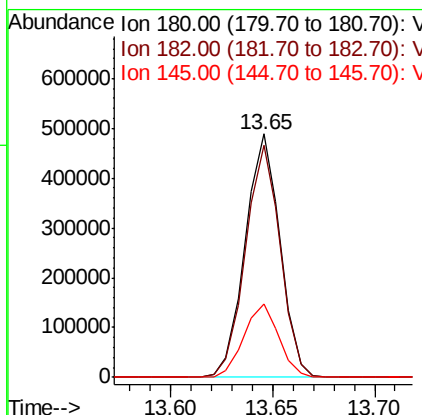
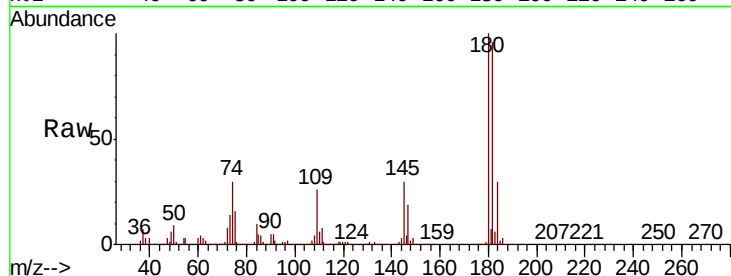




#89
 1,2,4-Trichlorobenzene
 Concen: 171.918 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

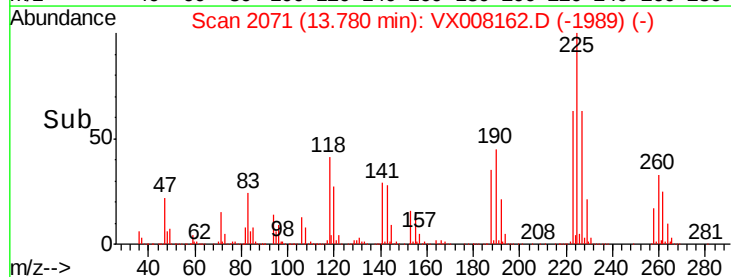
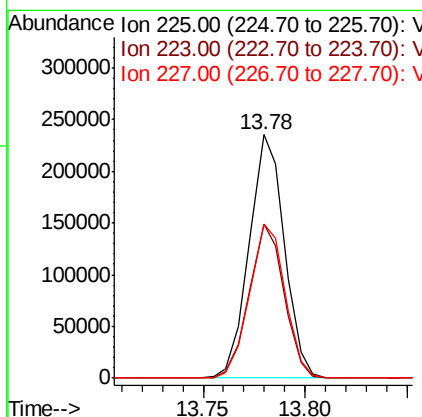
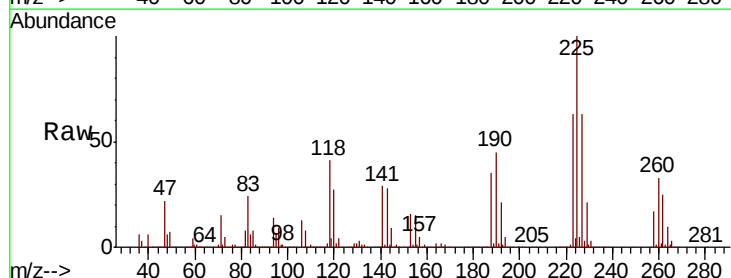
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

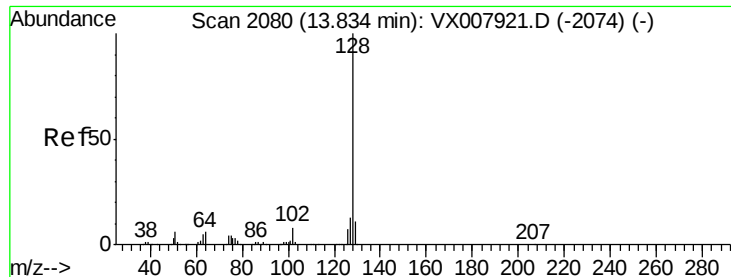
Tgt Ion:180 Resp: 578834
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.6 113.4
 145 30.3 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 162.854 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008162.D
 Acq: 18 Mar 2019 12:07

Tgt Ion:225 Resp: 282409
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 123.8
 227 64.3 0.0 124.4

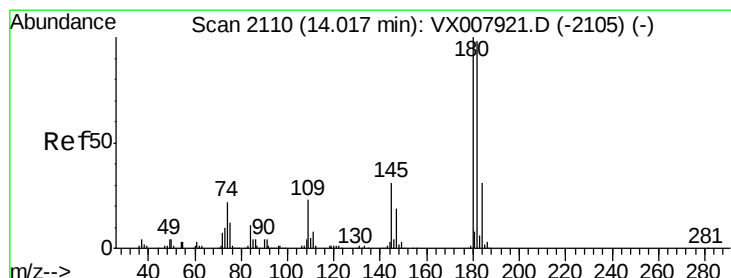
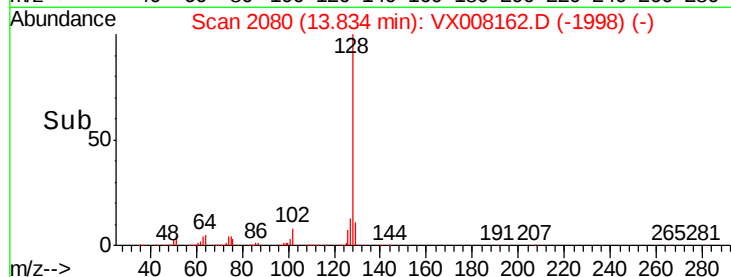
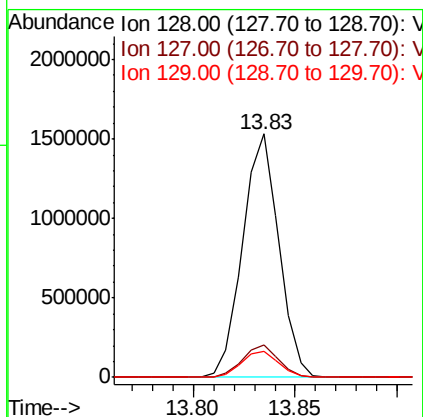
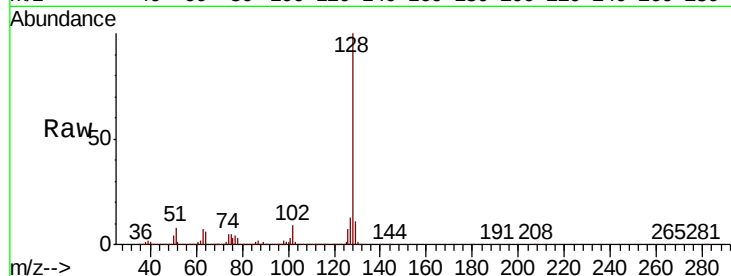




#91
Naphthalene
Concen: 170.961 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1889938
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 169.710 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008162.D
Acq: 18 Mar 2019 12:07

Tgt Ion:180 Resp: 571967
Ion Ratio Lower Upper
180 100
182 94.6 0.0 193.0
145 32.3 0.0 63.0

