

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008492.D
 Acq On : 27 Mar 2019 18:58
 Operator : JC/SP
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Quant Time: Mar 28 02:09:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	35145	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	199359	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	175181	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	85446	29.06	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.87%
60) 4-Bromofluorobenzene	11.13	95	90684	29.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.03%
63) Toluene-d8	8.71	98	251720	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	43200	17.976	ug/l 98
3) Chloromethane	1.32	50	61229	19.446	ug/l 96
4) Vinyl Chloride	1.40	62	59420	18.722	ug/l 96
5) Bromomethane	1.64	94	29007	17.639	ug/l 98
6) Chloroethane	1.72	64	35329	17.007	ug/l 95
7) Trichlorofluoromethane	1.93	101	65503	18.594	ug/l 99
8) Diethyl Ether	2.18	74	31303	18.843	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39672	18.084	ug/l 93
10) 1,1-Dichloroethene	2.37	96	42300	19.006	ug/l 88
11) Methyl Iodide	2.51	142	38354	16.643	ug/l 97
12) Methyl Acetate	3.20	43	34398	19.069	ug/l 93
13) Acrolein	2.29	56	43135	83.355	ug/l 94
14) Acrylonitrile	3.14	53	159009	95.346	ug/l 99
15) Acetone	2.44	58	42730	83.088	ug/l 97
16) Carbon Disulfide	2.57	76	126015	18.201	ug/l 98
17) Allyl chloride	2.73	41	91406	18.274	ug/l 91
18) Methylene Chloride	2.85	84	50585	19.014	ug/l 85
19) trans-1,2-Dichloroethene	3.17	96	44000	18.505	ug/l 86
20) Diisopropyl ether	3.85	45	185533	19.057	ug/l # 87
21) 1,1-Dichloroethane	3.70	63	92534	18.936	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	50804	18.490	ug/l # 80
23) tert-Butyl Alcohol	3.04	59	64449	95.703	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	156115	19.086	ug/l 99
25) Chloroform	5.21	83	84286	19.041	ug/l 94
26) Cyclohexane	5.58	56	88202	18.579	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	64203	19.143	ug/l 94
30) 2-Butanone	4.67	43	232598	94.310	ug/l 94
31) 2,2-Dichloropropane	4.59	77	55989	16.714	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	66886	19.204	ug/l 94
33) Carbon Tetrachloride	5.79	117	54183	18.594	ug/l 96
34) Benzene	6.14	78	199679	19.476	ug/l # 96
35) Methacrylonitrile	5.04	41	48614	19.383	ug/l 91
36) 1,2-Dichloroethane	6.20	62	71435	19.543	ug/l 98
37) Trichloroethene	7.21	130	45380	19.247	ug/l 86
38) Methylcyclohexane	7.46	83	77355	18.304	ug/l 88
39) 1,2-Dichloropropane	7.51	63	56349	19.378	ug/l 97
40) Dibromomethane	7.66	93	32149	19.085	ug/l 88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008492.D
 Acq On : 27 Mar 2019 18:58
 Operator : JC/SP
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Quant Time: Mar 28 02:09:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	62029	18.728	ug/l	97
42) Vinyl Acetate	3.81	43	823091	98.449	ug/l #	93
43) Ethyl Acetate	4.84	43	87135	19.630	ug/l #	79
44) Isopropyl Acetate	6.45	43	138380	19.279	ug/l	99
45) 1,4-Dioxane	7.74	88	28869	404.025	ug/l #	85
46) Methyl methacrylate	7.77	41	70714	19.398	ug/l	88
47) n-amyl Acetate	10.90	43	123965	19.013	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	65914	17.619	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	76821	18.358	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	48546	19.409	ug/l	98
51) Ethyl methacrylate	9.18	69	87975	18.901	ug/l	93
52) 1,3-Dichloropropane	9.37	76	86011	19.329	ug/l	99
53) Dibromochloromethane	9.58	129	44831	18.214	ug/l	100
54) 1,2-Dibromoethane	9.67	107	49453	19.180	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	223806	95.311	ug/l	95
56) Bromoform	10.85	173	31208	17.398	ug/l #	97
58) 4-Methyl-2-Pentanone	8.64	43	457792	99.055	ug/l	96
59) 2-Hexanone	9.49	43	353442	96.800	ug/l	97
61) Tetrachloroethene	9.33	164	37197	19.412	ug/l	99
62) Toluene	8.78	91	207799	19.592	ug/l	99
64) Chlorobenzene	10.14	112	119805	19.277	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	41680	19.022	ug/l	98
66) Ethyl Benzene	10.25	91	225501	19.155	ug/l	96
67) m/p-Xylenes	10.36	106	165783	38.608	ug/l	91
68) o-Xylene	10.70	106	81689	19.441	ug/l	92
69) Styrene	10.71	104	139706	19.107	ug/l	96
70) Isopropylbenzene	11.02	105	213458	19.258	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	82043	19.813	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	89673	25.620	ug/l	91
73) Bromobenzene	11.26	156	50247	19.054	ug/l	77
74) n-propylbenzene	11.36	91	249949	18.929	ug/l	94
75) 2-Chlorotoluene	11.42	91	150805	19.196	ug/l	89
76) 1,3,5-Trimethylbenzene	11.51	105	180087	19.004	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	22307	16.615	ug/l	94
78) 4-Chlorotoluene	11.51	91	169723	18.771	ug/l	90
79) tert-butylbenzene	12.06	119	181081	18.698	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	179506	18.998	ug/l	94
81) sec-Butylbenzene	11.94	105	205212	18.953	ug/l	95
82) p-Isopropyltoluene	12.06	119	181081	18.698	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	88027	18.802	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	87216	18.642	ug/l	96
85) n-Butylbenzene	12.38	91	165275	17.962	ug/l	97
86) Hexachloroethane	12.60	117	28704	17.740	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	89814	19.039	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18178	19.807	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.65	180	60720	18.660	ug/l	100
90) Hexachlorobutadiene	13.78	225	28778	18.358	ug/l	98
91) Naphthalene	13.83	128	222293	19.939	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	63888	19.491	ug/l	98

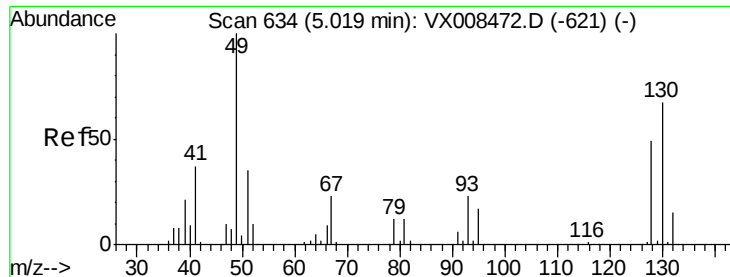
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008492.D
Acq On : 27 Mar 2019 18:58
Operator : JC/SP
Sample : VX0327WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Quant Time: Mar 28 02:09:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

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

(#) = 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: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

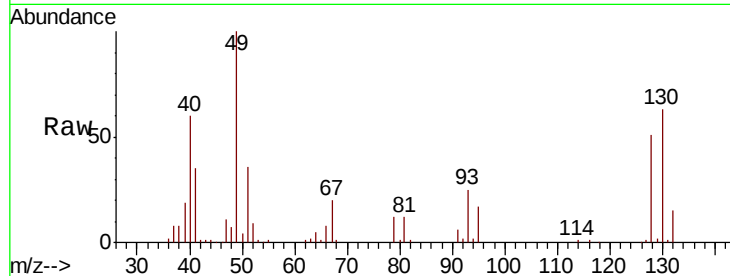
Tot Ion:128 Resp: 35145

Ion Ratio Lower Upper

128 100

49 202.6 0.0 350.8

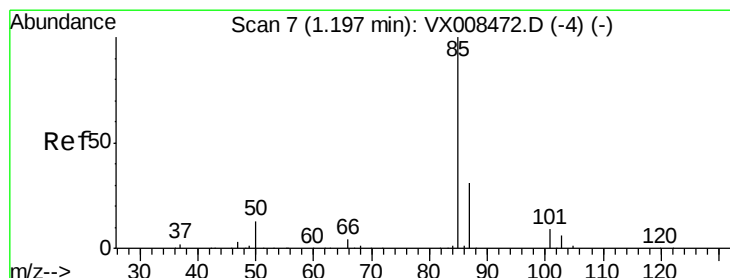
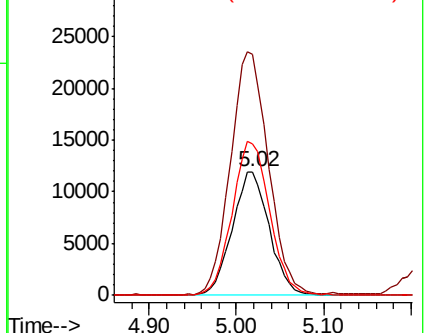
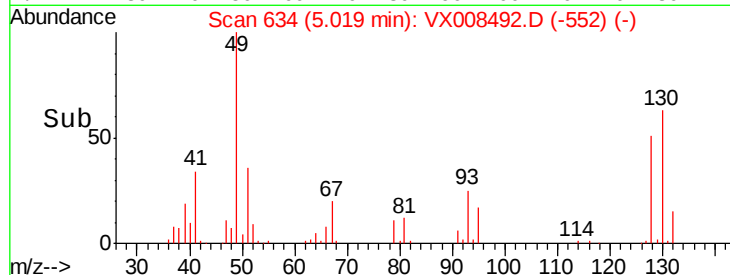
130 126.7 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.976 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008492.D

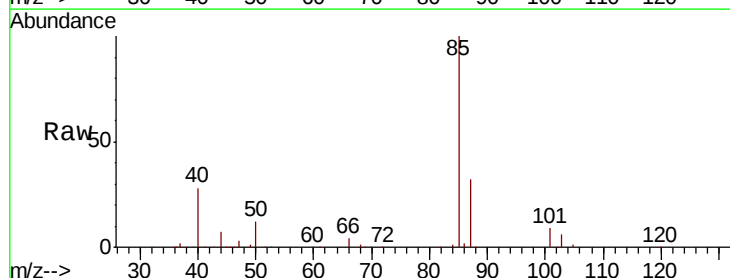
Acq: 27 Mar 2019 18:58

Tgt Ion: 85 Resp: 43200

Ion Ratio Lower Upper

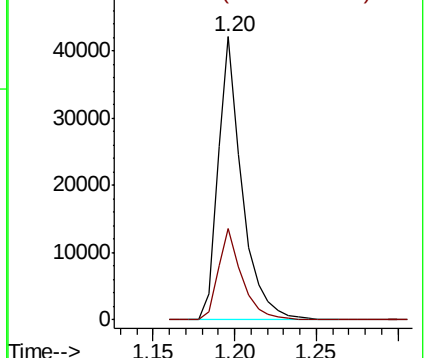
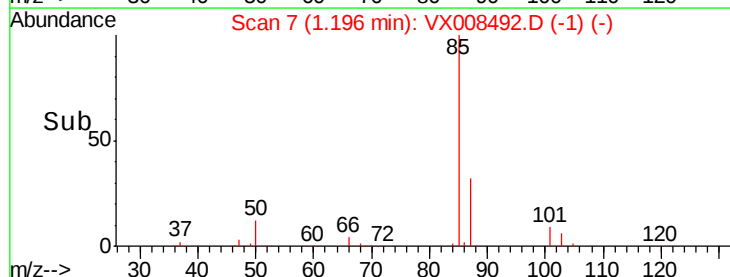
85 100

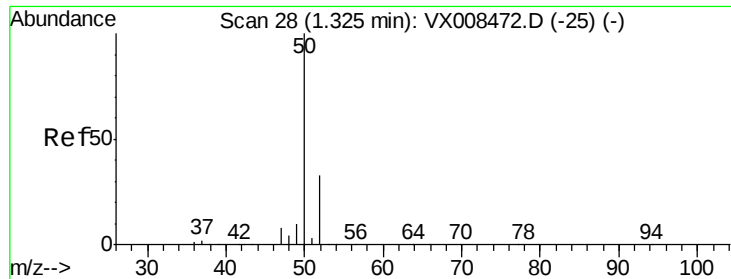
87 32.3 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.446 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

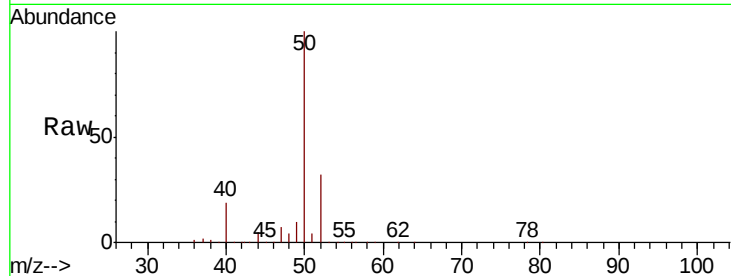
VX0327WBSD01

Tot Ion: 50 Resp: 61229

Ion Ratio Lower Upper

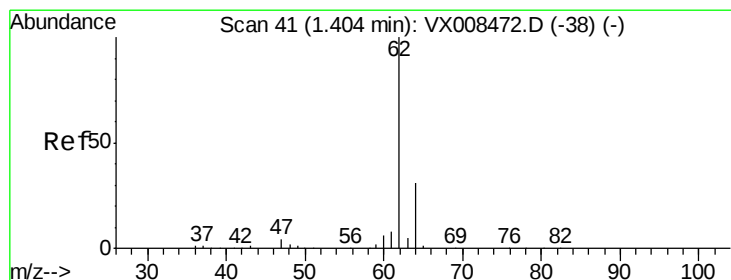
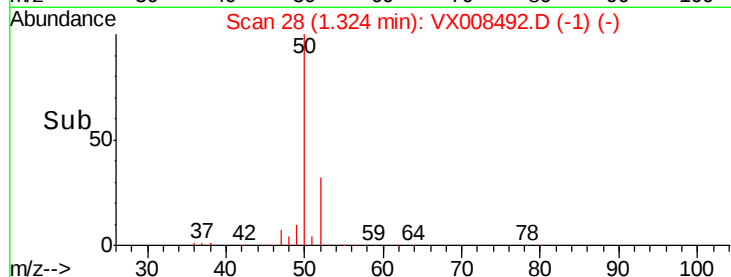
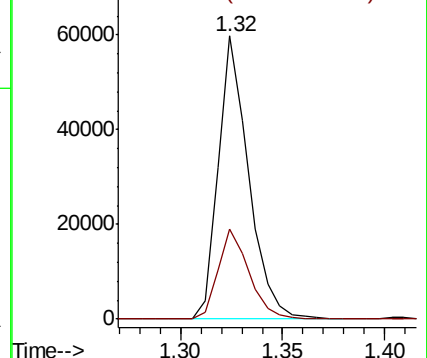
50 100

52 31.8 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.722 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008492.D

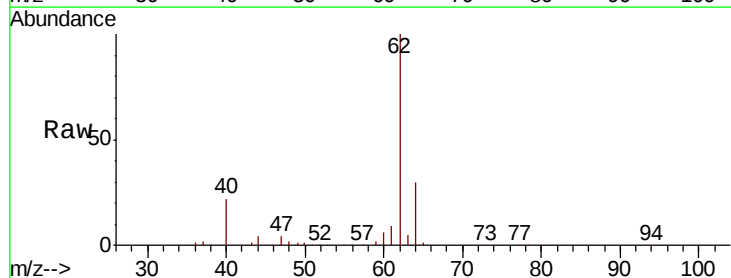
Acq: 27 Mar 2019 18:58

Tgt Ion: 62 Resp: 59420

Ion Ratio Lower Upper

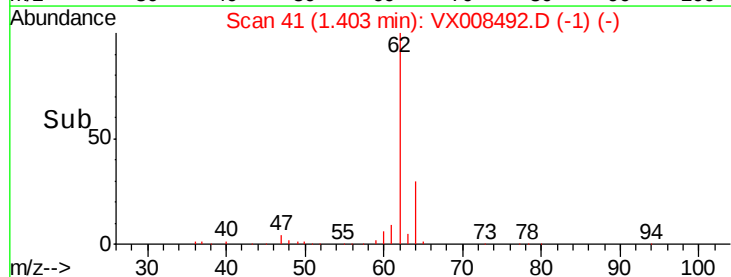
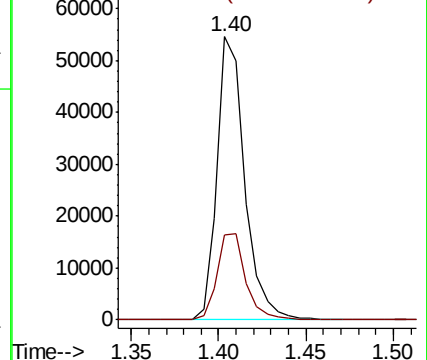
62 100

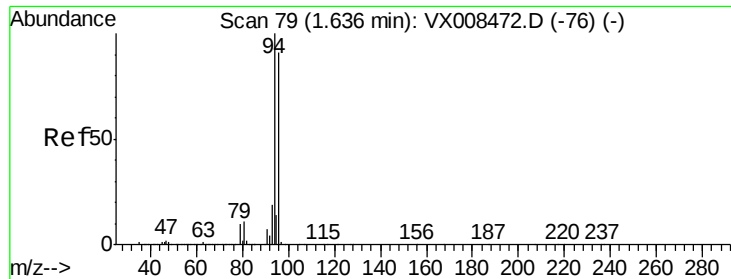
64 30.1 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 17.639 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

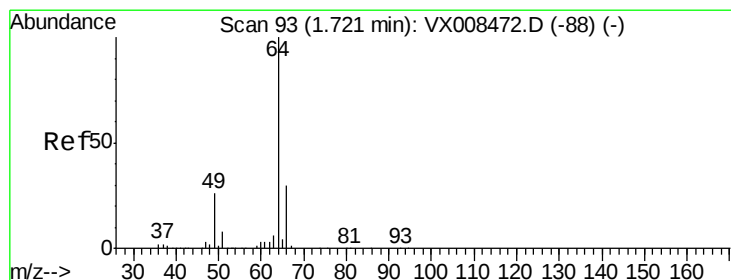
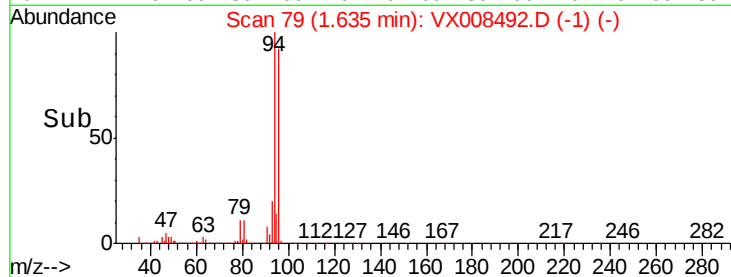
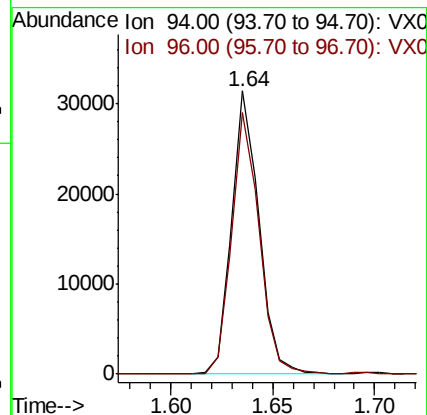
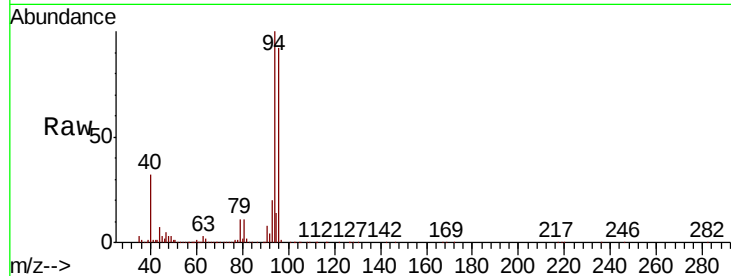
VX0327WBSD01

Tot Ion: 94 Resp: 29007

Ion Ratio Lower Upper

94 100

96 92.6 75.6 113.4



#6

Chloroethane

Concen: 17.007 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008492.D

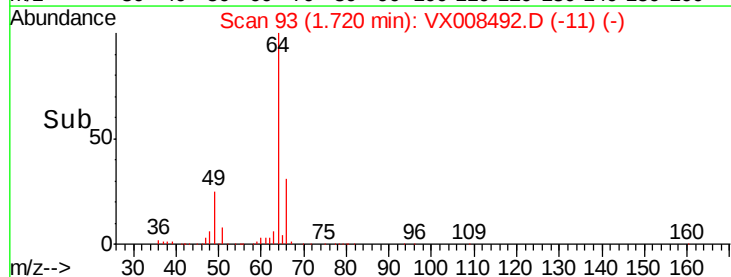
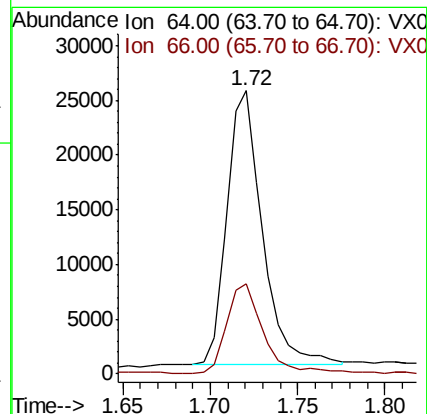
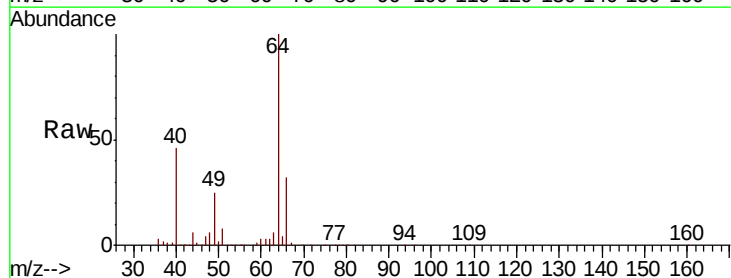
Acq: 27 Mar 2019 18:58

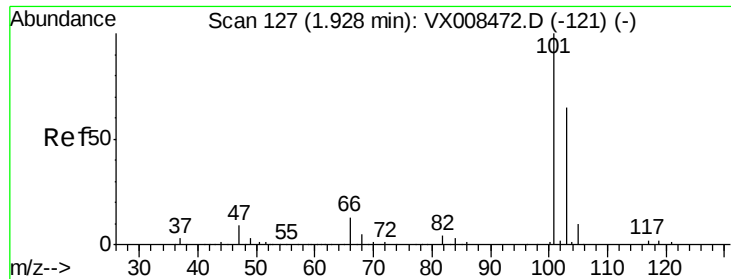
Tgt Ion: 64 Resp: 35329

Ion Ratio Lower Upper

64 100

66 32.5 23.9 35.9



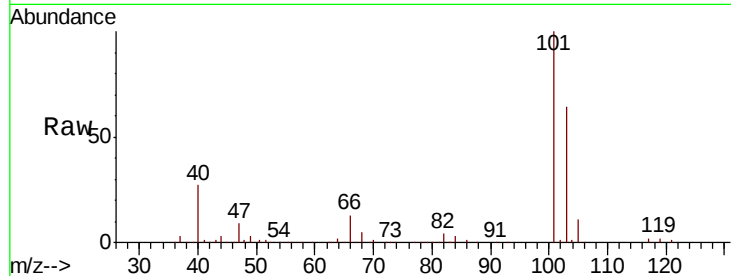


#7

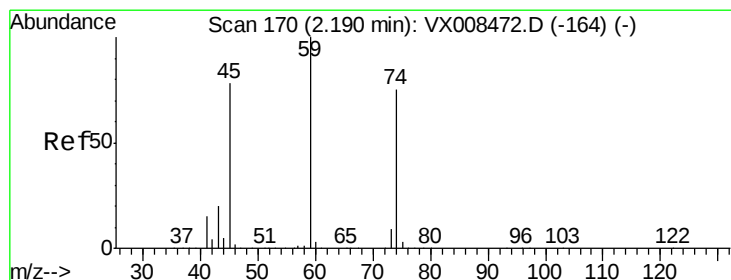
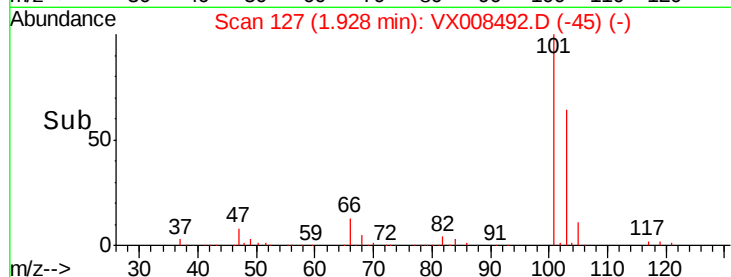
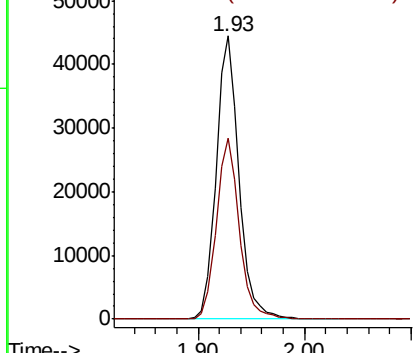
Trichlorofluoromethane
 Concen: 18.594 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion:101 Resp: 65503
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.4 75.6



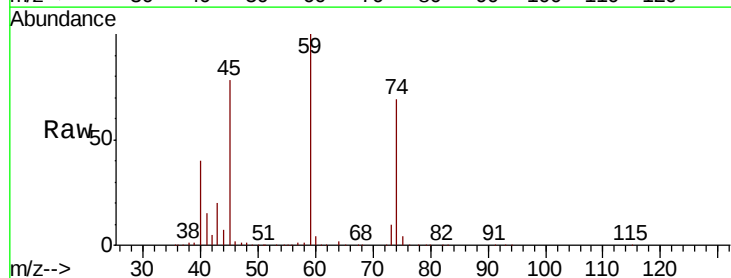
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



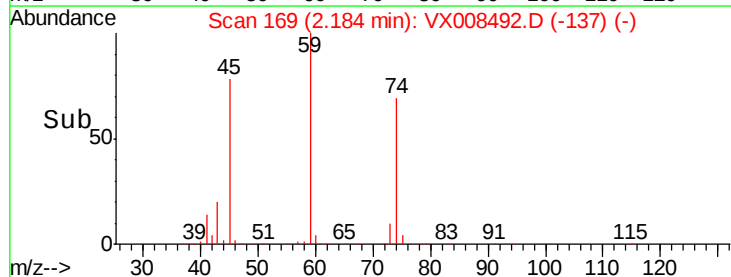
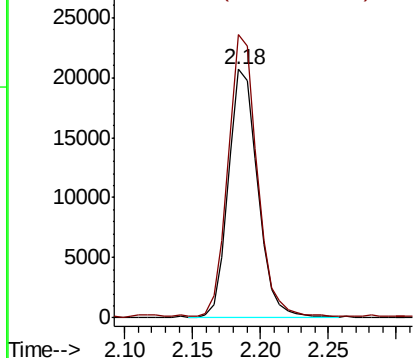
#8

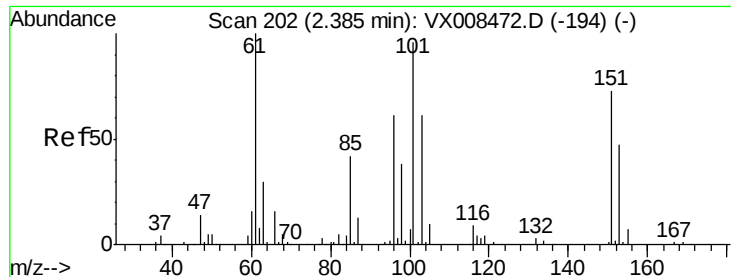
Diethyl Ether
 Concen: 18.843 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 74 Resp: 31303
 Ion Ratio Lower Upper
 74 100
 45 110.7 18.6 167.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.084 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

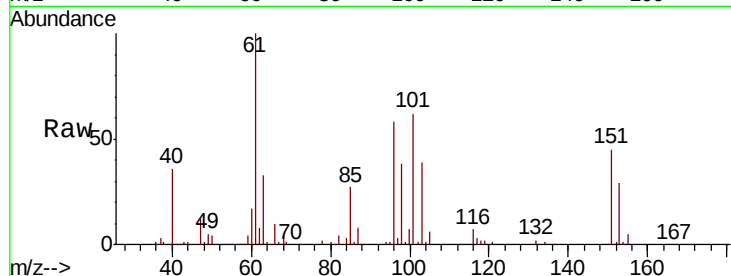
Tot Ion:101 Resp: 39672

Ion Ratio Lower Upper

101 100

85 44.9 0.0 86.8

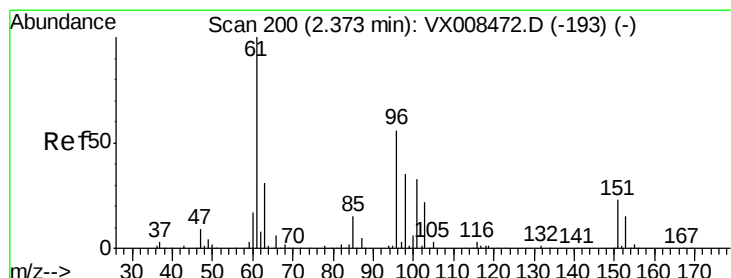
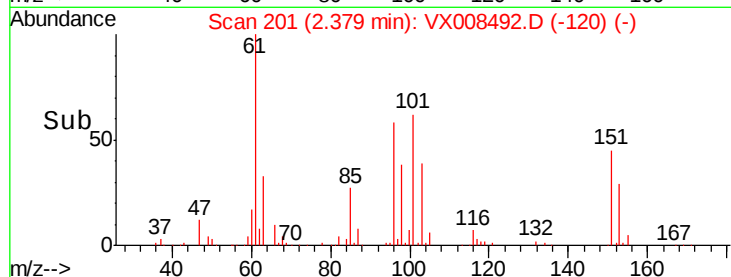
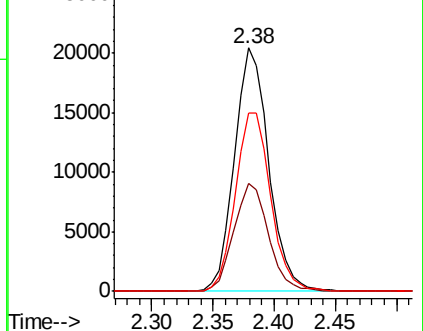
151 76.0 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.006 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

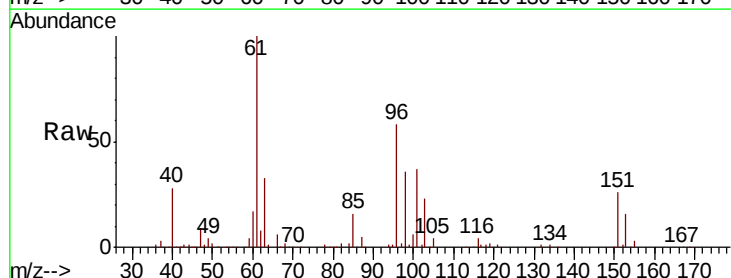
Tgt Ion: 96 Resp: 42300

Ion Ratio Lower Upper

96 100

61 171.7 120.2 180.2

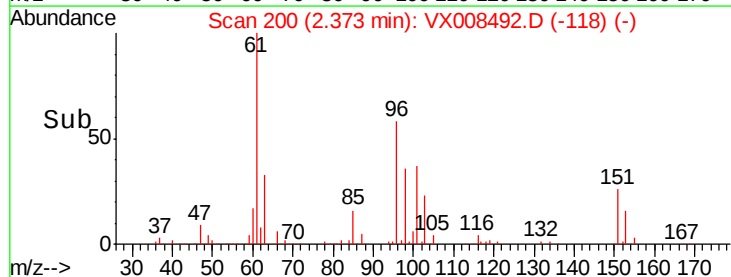
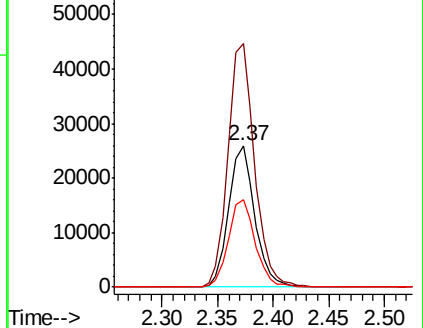
98 61.7 49.0 73.4

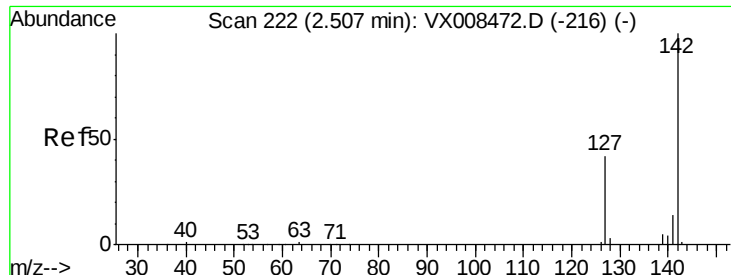


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

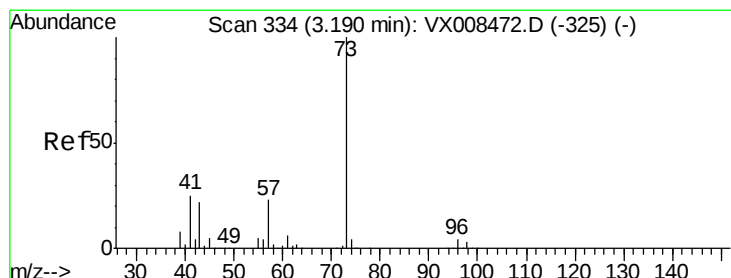
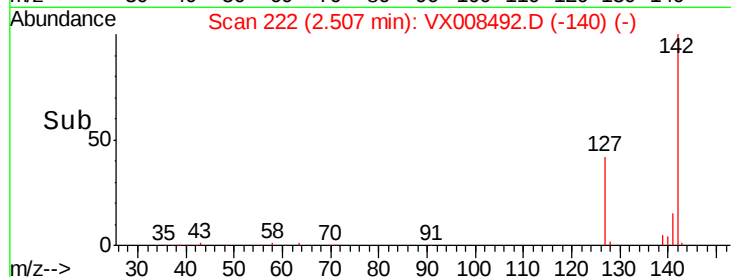
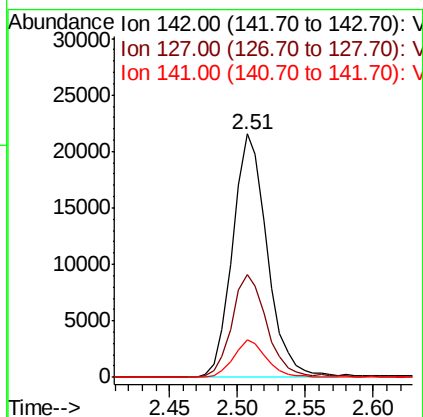
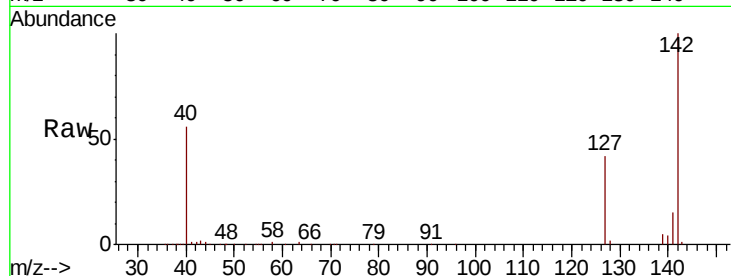




#11
Methvl Iodide
Concen: 16.643 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

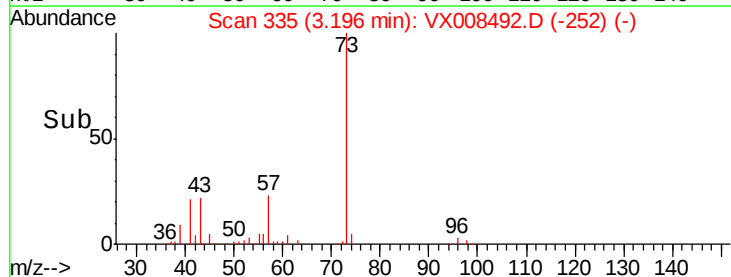
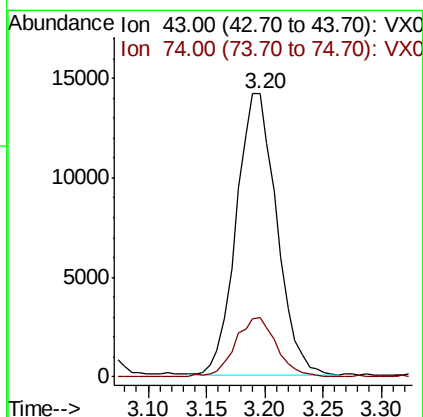
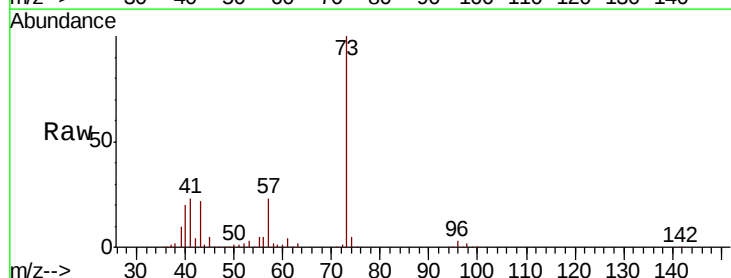
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

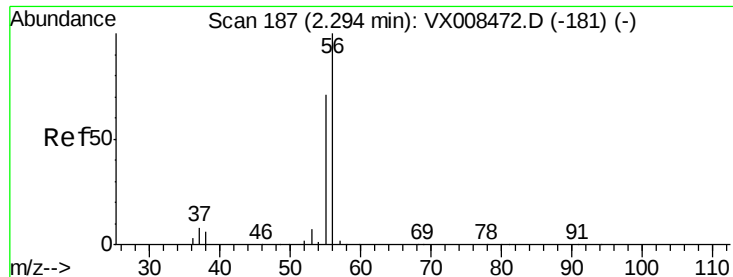
Tot Ion:142 Resp: 38354
Ion Ratio Lower Upper
142 100
127 42.3 22.1 66.5
141 15.6 7.4 22.3



#12
Methyl Acetate
Concen: 19.069 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 43 Resp: 34398
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.0





#13

Acrolein

Concen: 83.355 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

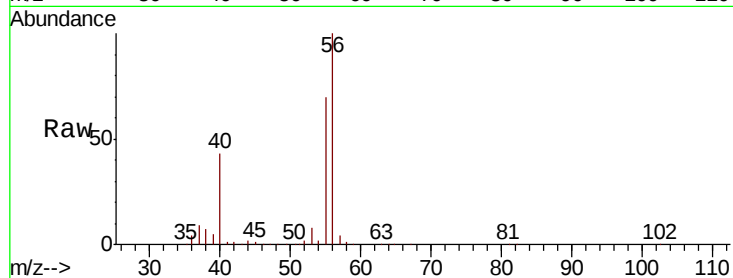
VX0327WBSD01

Tot Ion: 56 Resp: 43135

Ion Ratio Lower Upper

56 100

55 68.2 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

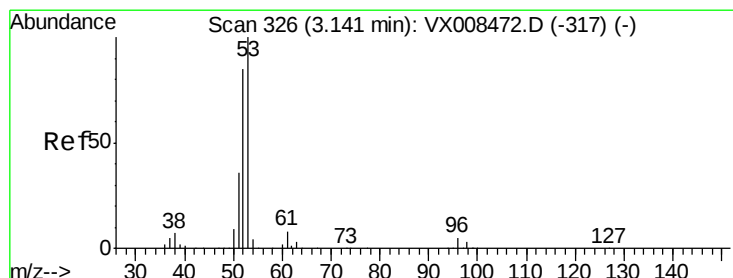
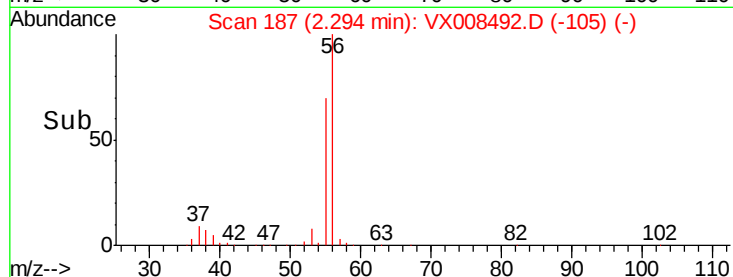
15000

10000

5000

0

Time-->



#14

Acrylonitrile

Concen: 95.346 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

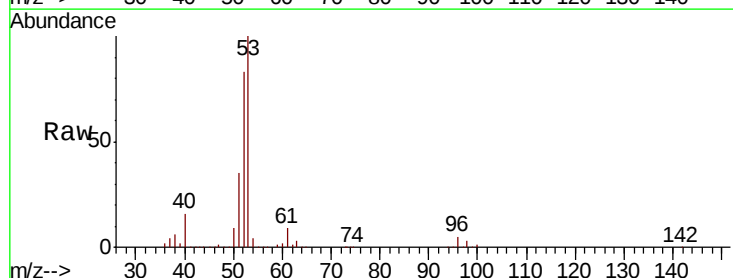
Tgt Ion: 53 Resp: 159009

Ion Ratio Lower Upper

53 100

52 83.1 41.3 124.1

51 35.9 17.5 52.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.14

100000

80000

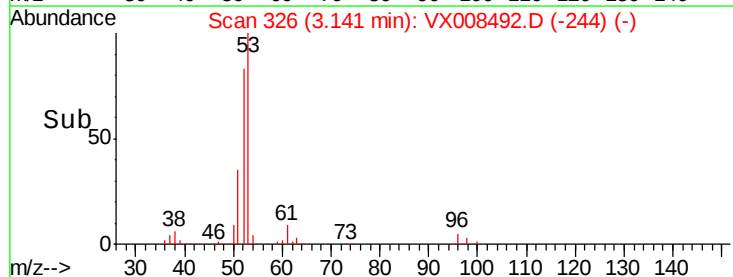
60000

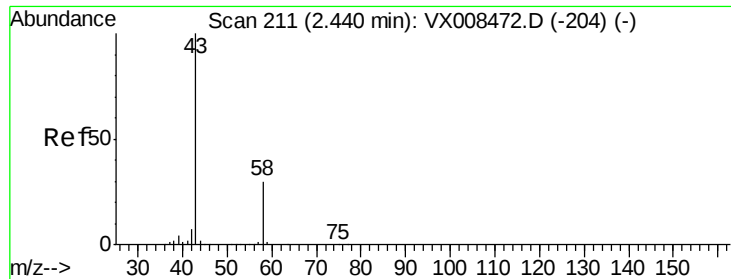
40000

20000

0

Time-->





#15

Acetone

Concen: 83.088 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

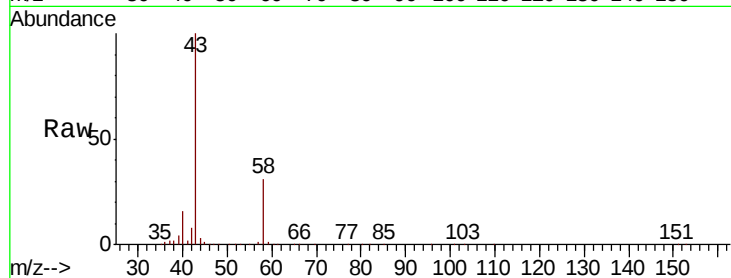
VX0327WBSD01

Tot Ion: 58 Resp: 42730

Ion Ratio Lower Upper

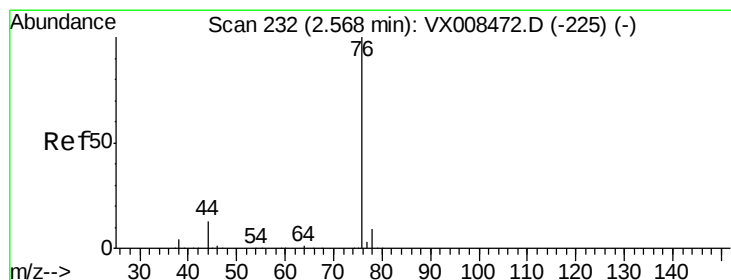
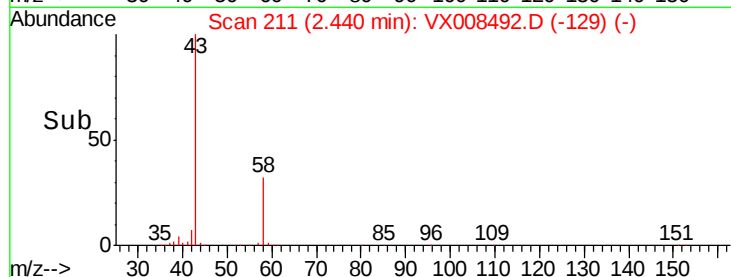
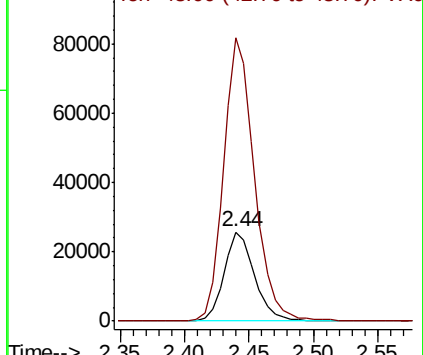
58 100

43 317.3 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.201 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008492.D

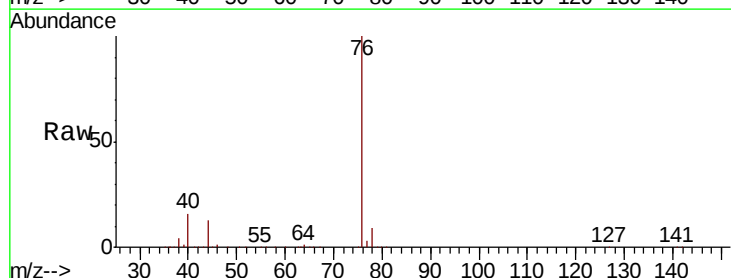
Acq: 27 Mar 2019 18:58

Tgt Ion: 76 Resp: 126015

Ion Ratio Lower Upper

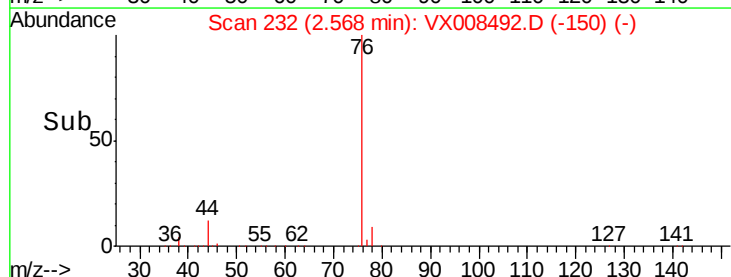
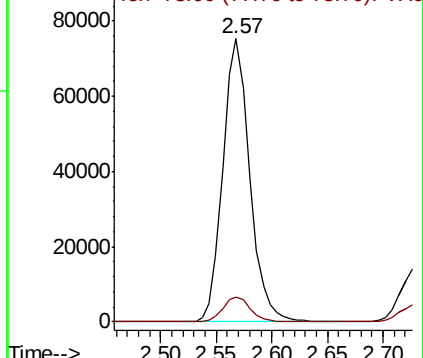
76 100

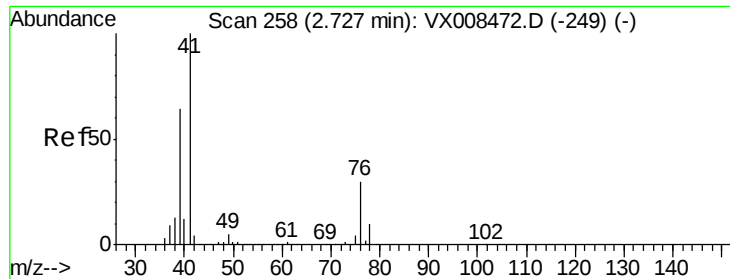
78 8.6 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

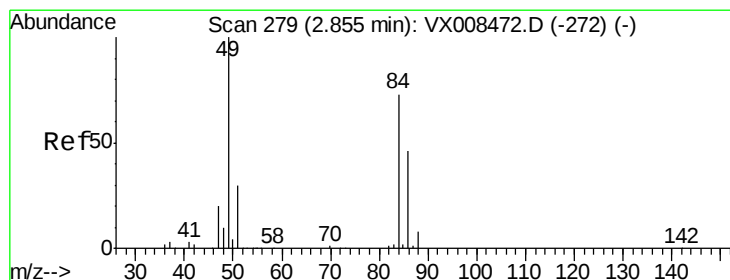
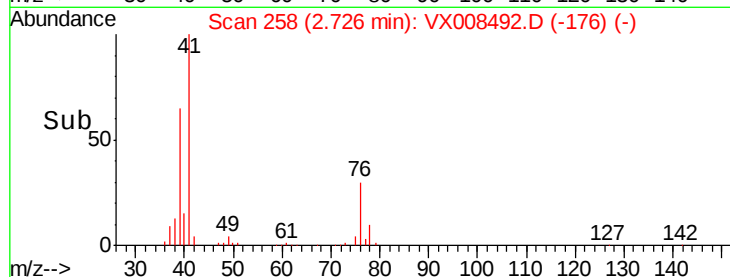
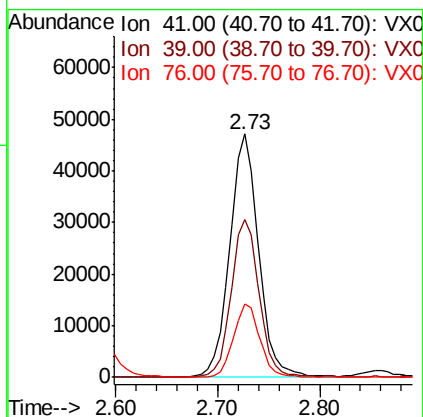
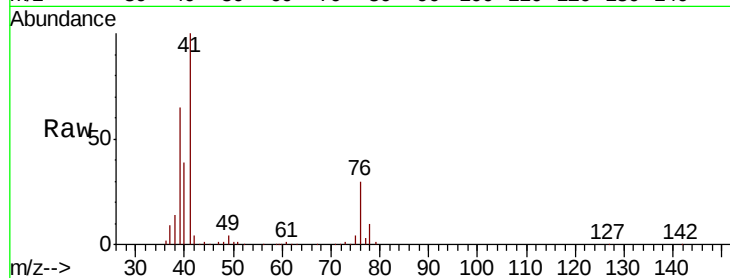




#17
Allvl chloride
Concen: 18.274 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

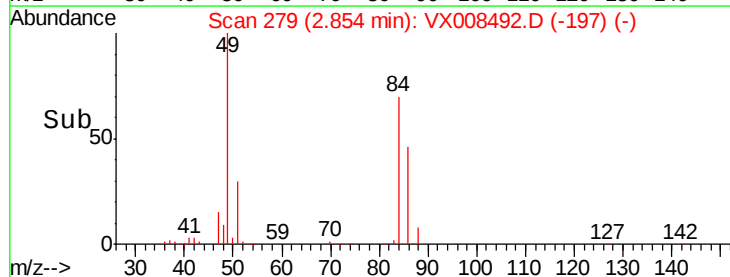
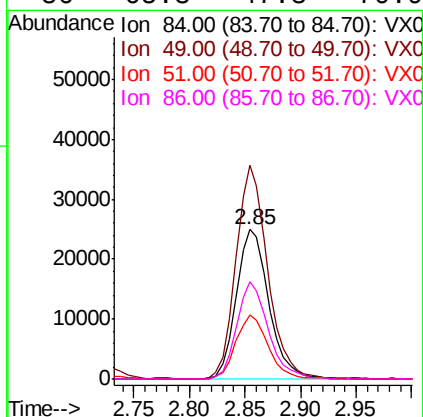
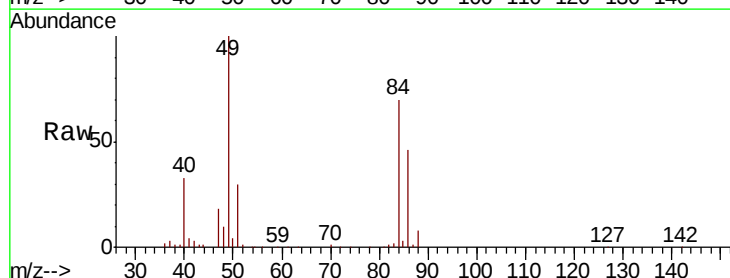
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

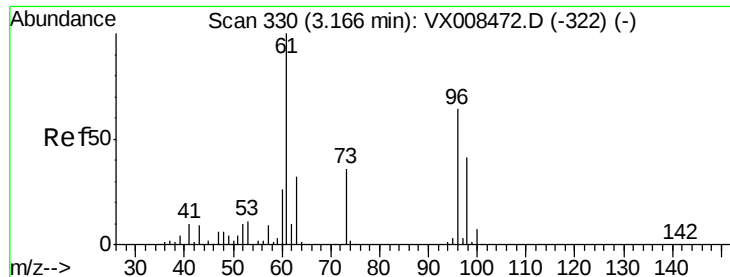
Tot Ion: 41 Resp: 91406
Ion Ratio Lower Upper
41 100
39 64.9 35.8 107.4
76 30.1 18.3 54.9



#18
Methylene Chloride
Concen: 19.014 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 84 Resp: 50585
Ion Ratio Lower Upper
84 100
49 142.5 96.1 144.1
51 42.7 29.1 43.7
86 65.3 47.3 70.9

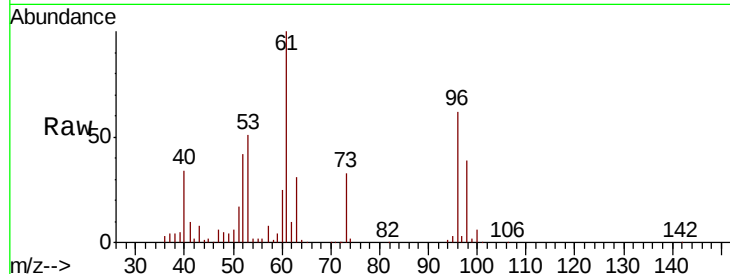




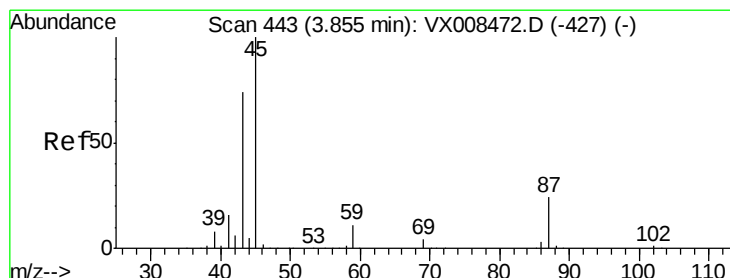
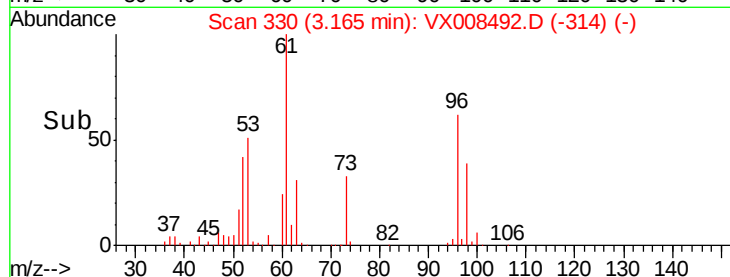
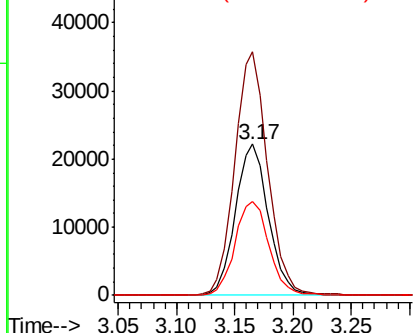
#19
trans-1,2-Dichloroethene
Concen: 18.505 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion: 96 Resp: 44000
Ion Ratio Lower Upper
96 100
61 160.9 109.9 164.9
98 62.4 50.4 75.6

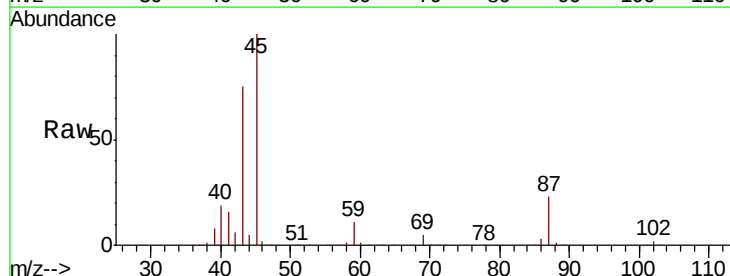


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

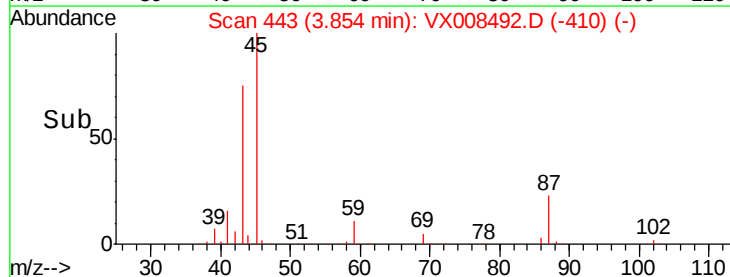
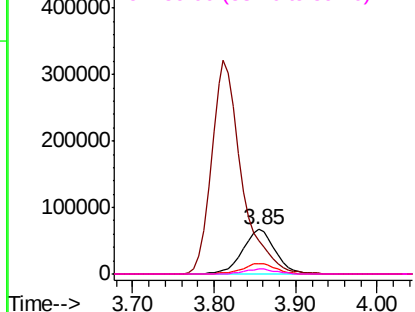


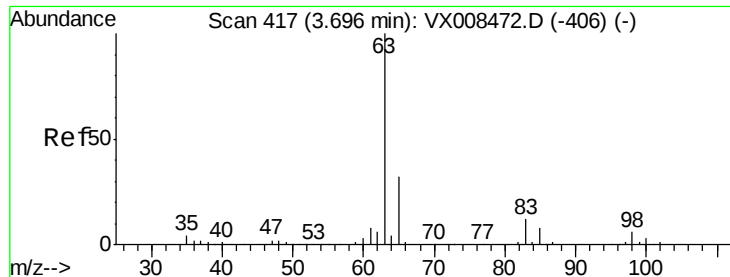
#20
Diisopropyl ether
Concen: 19.057 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 45 Resp: 185533
Ion Ratio Lower Upper
45 100
43 74.0 50.6 76.0
87 22.9 24.5 36.7#
59 11.1 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: 18.936 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

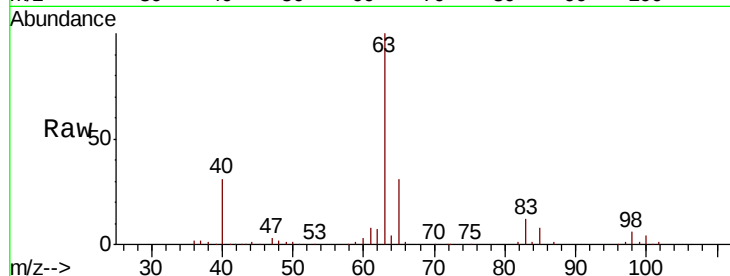
Tot Ion: 63 Resp: 92534

Ion Ratio Lower Upper

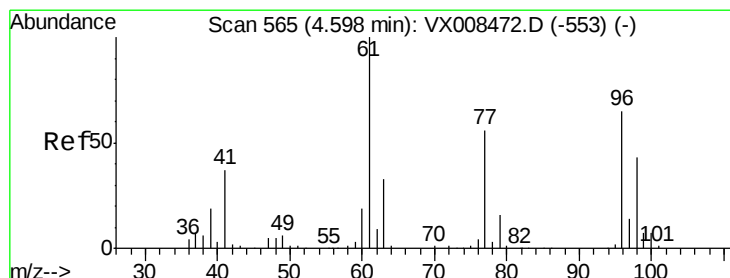
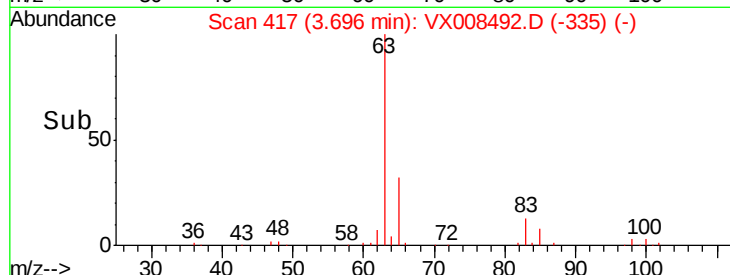
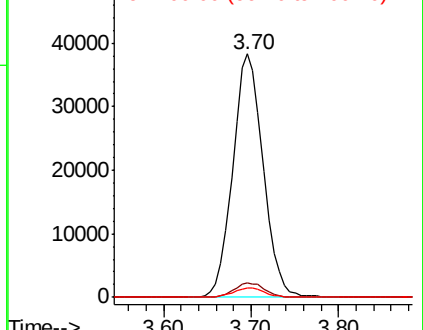
63 100

98 6.0 3.8 11.4

100 4.0 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.490 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

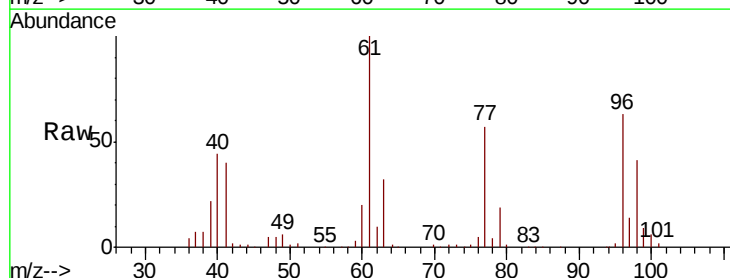
Tgt Ion: 96 Resp: 50804

Ion Ratio Lower Upper

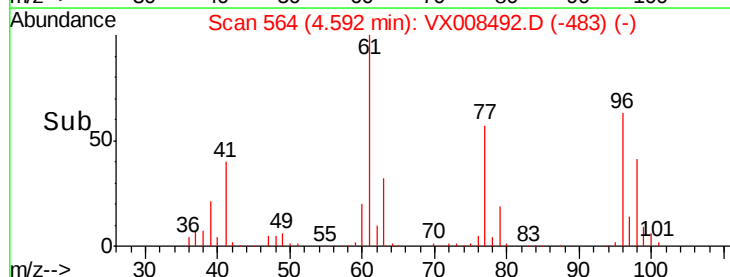
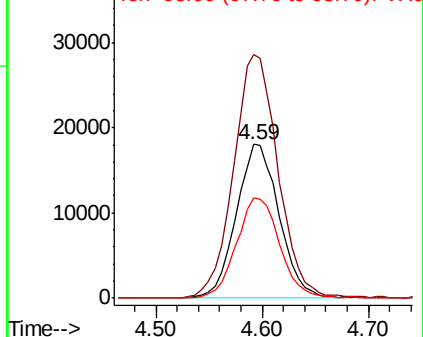
96 100

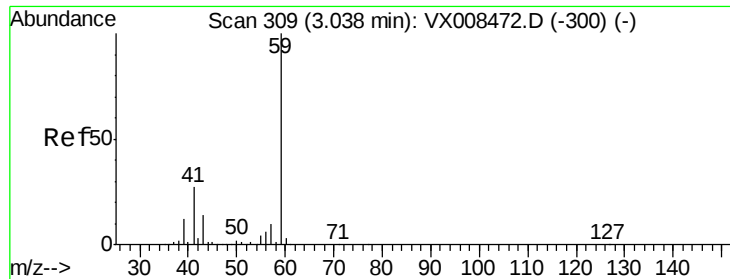
61 163.4 103.5 155.3#

98 65.9 52.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



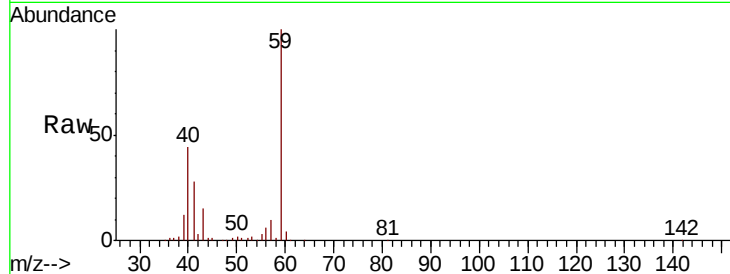


#23

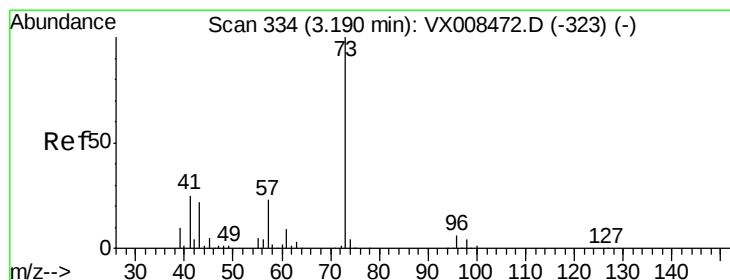
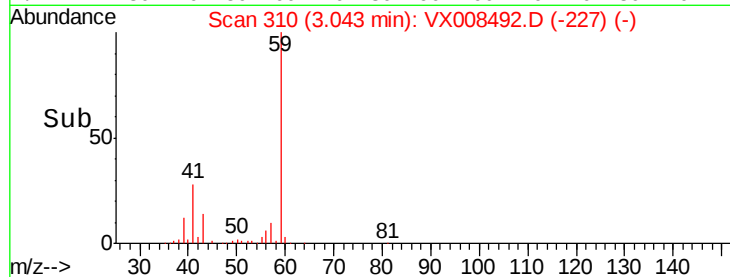
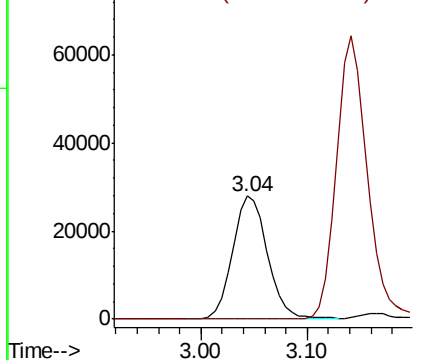
tert-Butyl Alcohol
 Concen: 95.703 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion: 59 Resp: 64449
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



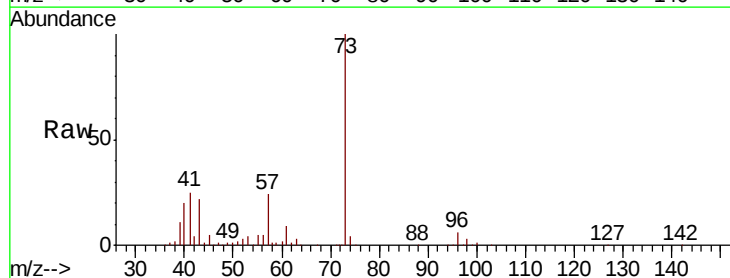
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



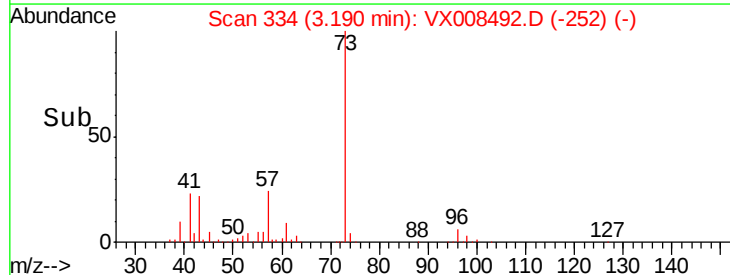
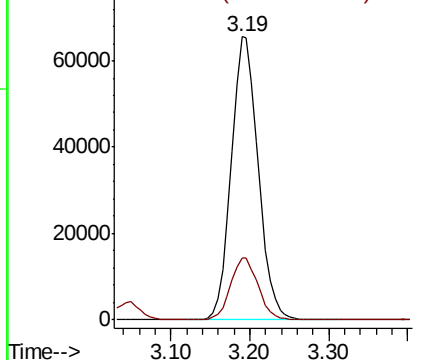
#24

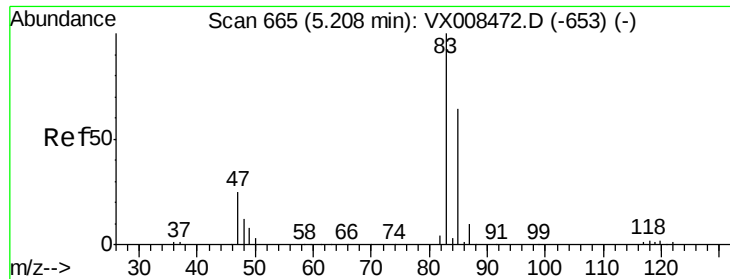
Methyl tert-Butyl Ether
 Concen: 19.086 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 73 Resp: 156115
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 19.041 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

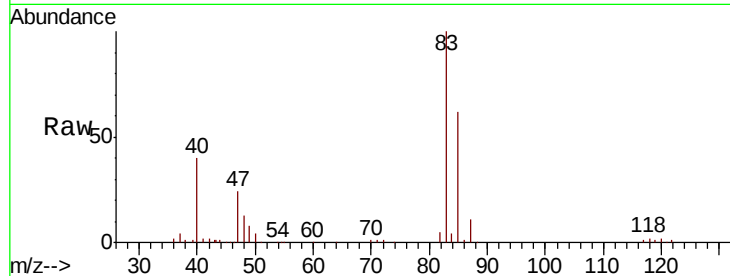
VX0327WBSD01

Tot Ion: 83 Resp: 84286

Ion Ratio Lower Upper

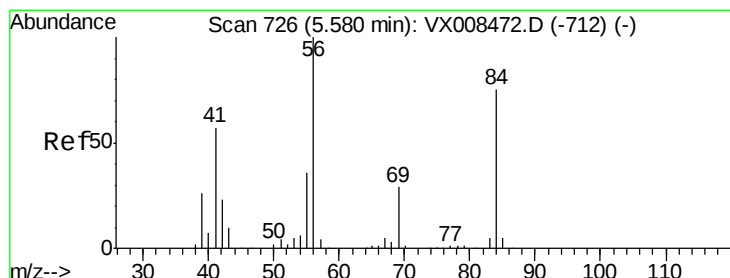
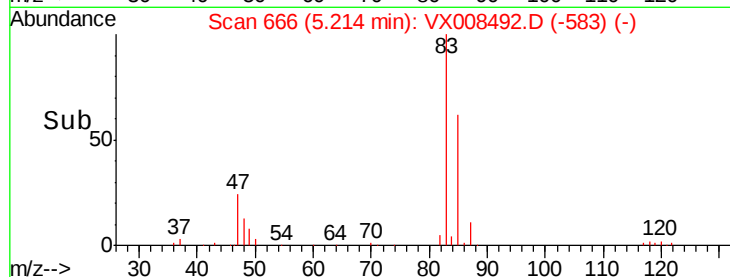
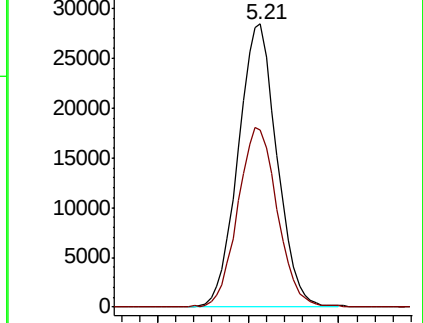
83 100

85 62.4 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.579 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

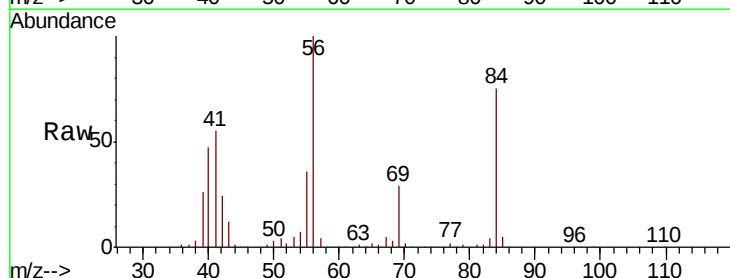
Tgt Ion: 56 Resp: 88202

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

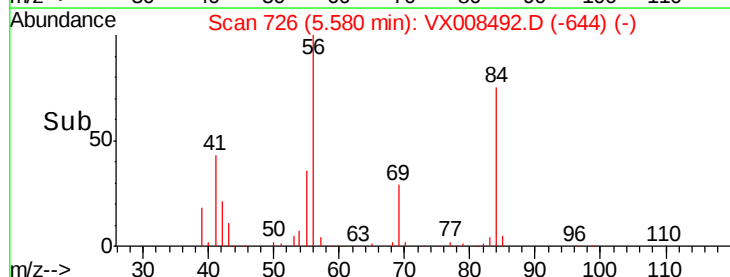
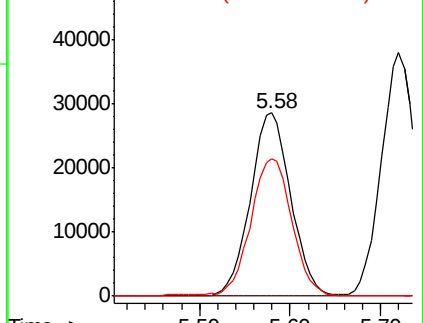
84 76.2 73.9 110.9

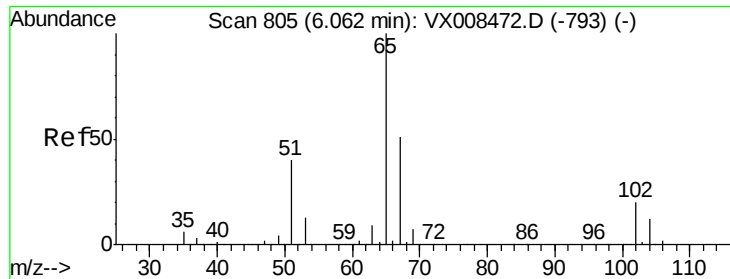


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.063 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

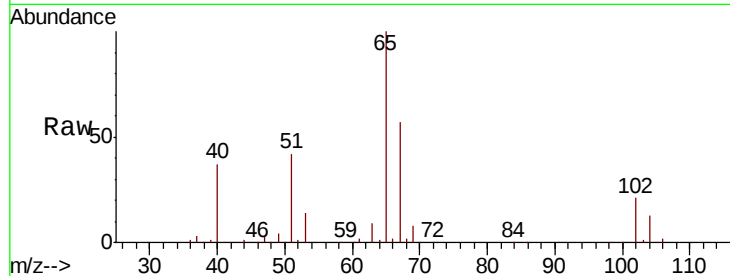
VX0327WBSD01

Tot Ion: 65 Resp: 85446

Ion Ratio Lower Upper

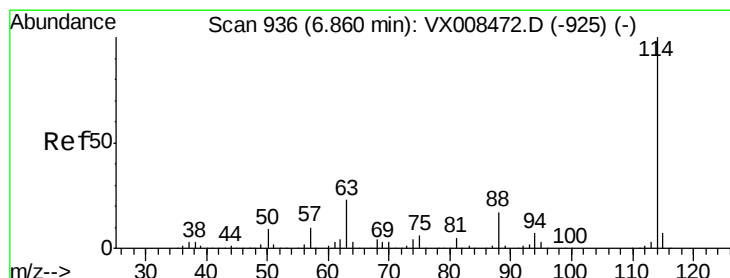
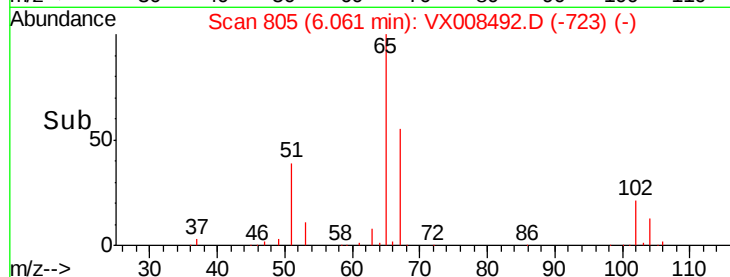
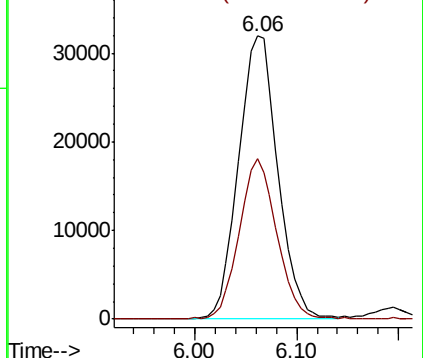
65 100

67 54.2 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: VX008492.D

Acq: 27 Mar 2019 18:58

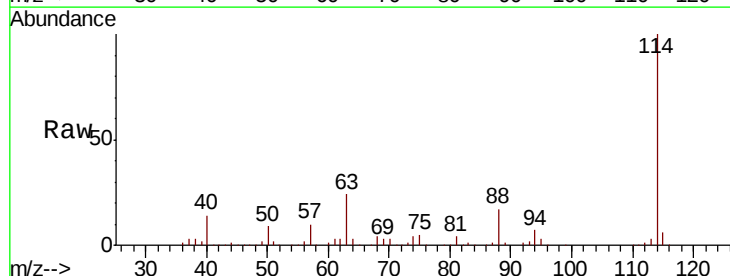
Tgt Ion: 114 Resp: 199359

Ion Ratio Lower Upper

114 100

63 23.4 14.2 21.4#

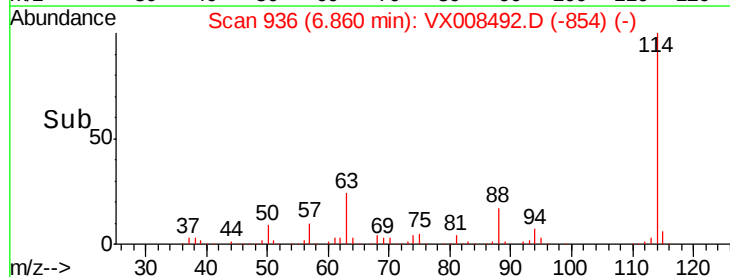
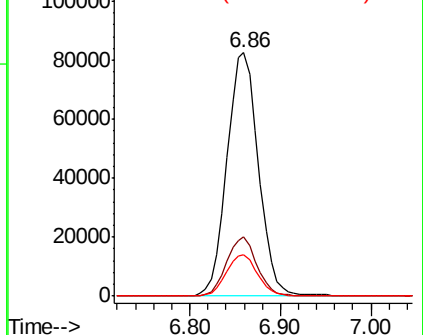
88 16.9 11.9 17.9

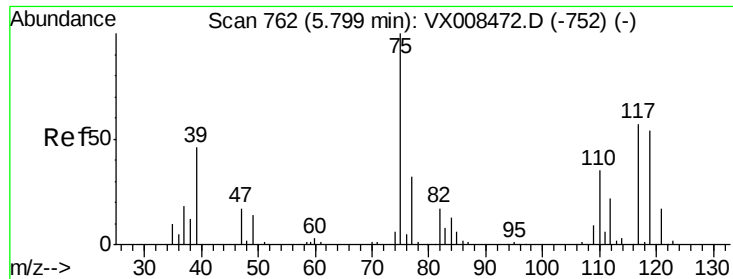


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

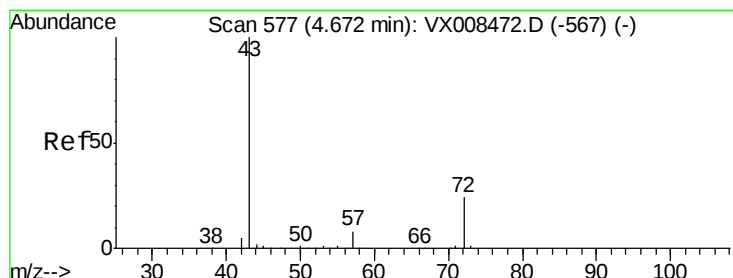
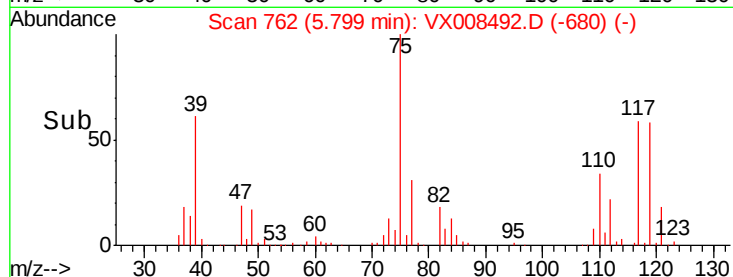
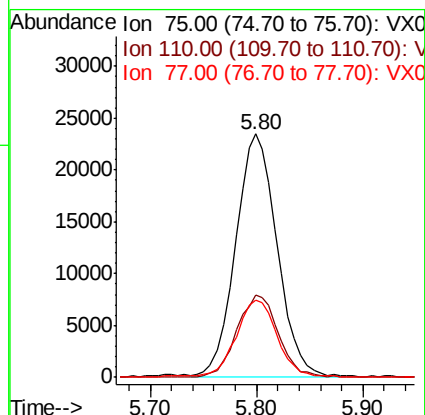
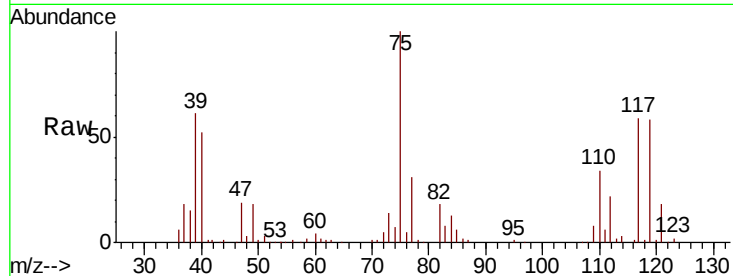




#29
 1,1-Dichloropropene
 Concen: 19.143 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

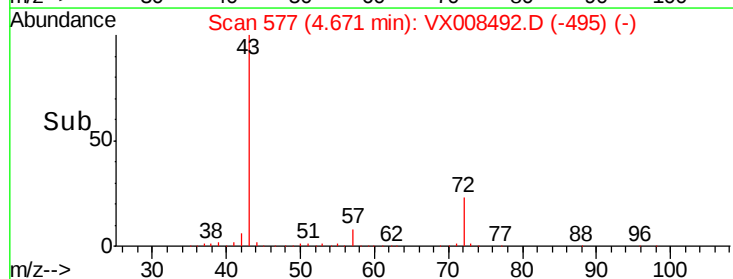
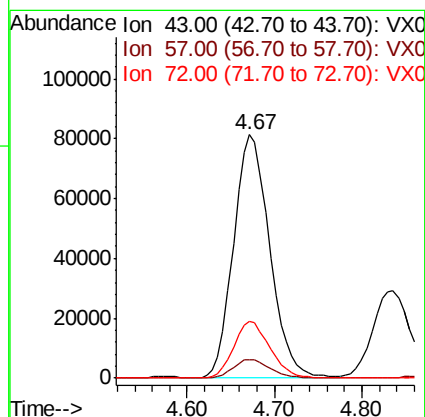
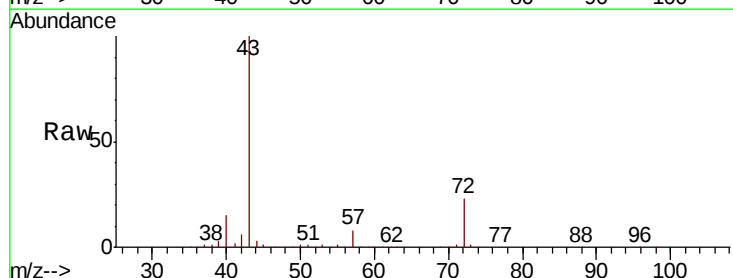
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

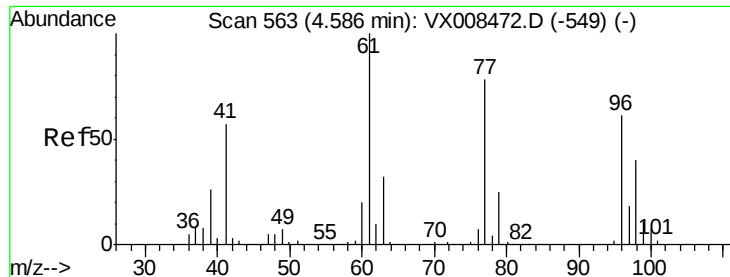
Tot Ion	Ratio	Lower	Upper
75	100		
110	33.7	0.0	80.8
77	31.2	0.0	62.4



#30
 2-Butanone
 Concen: 94.310 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	7.0	10.6
72	23.4	21.5	32.3

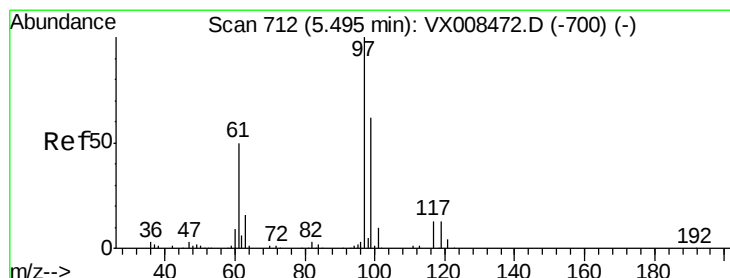
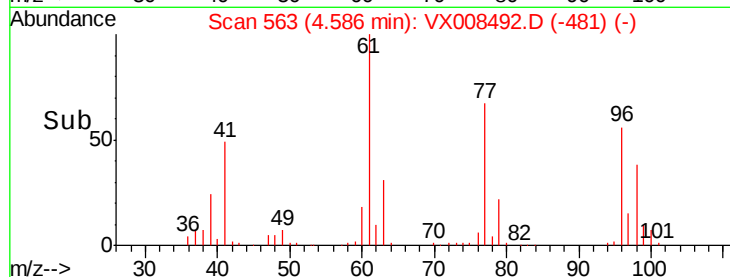
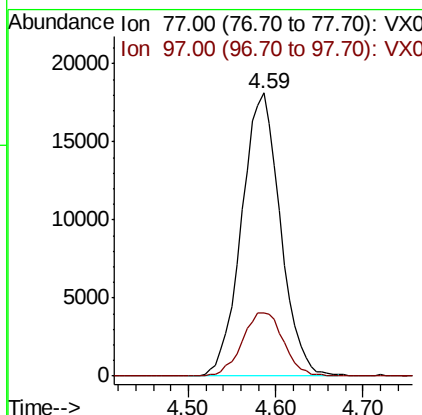
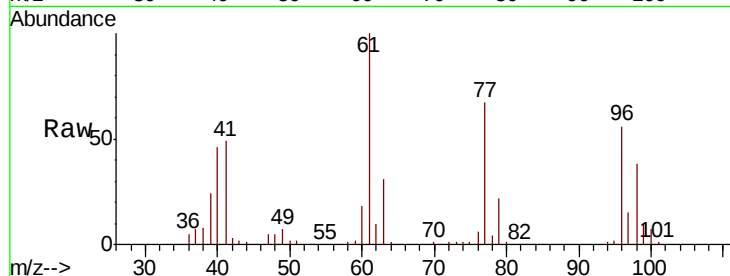




#31
 2,2-Dichloropropane
 Concen: 16.714 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

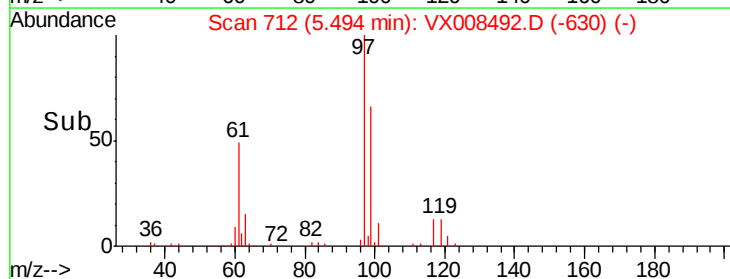
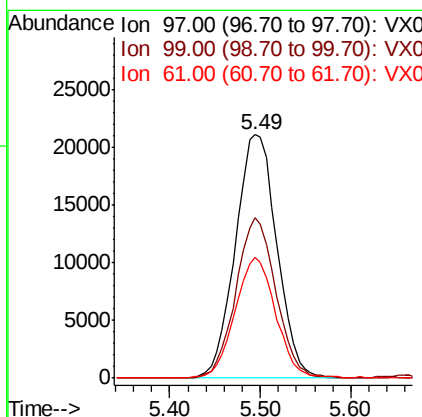
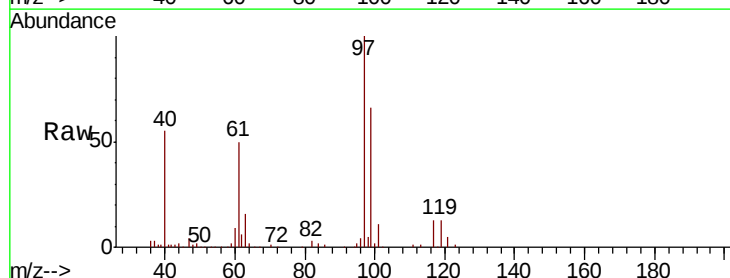
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

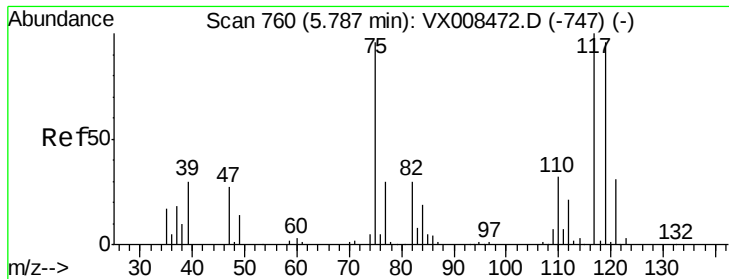
Tot Ion: 77 Resp: 55989
 Ion Ratio Lower Upper
 77 100
 97 23.9 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 19.204 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 97 Resp: 66886
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.7 77.5
 61 48.3 32.8 49.2





#33

Carbon Tetrachloride

Concen: 18.594 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

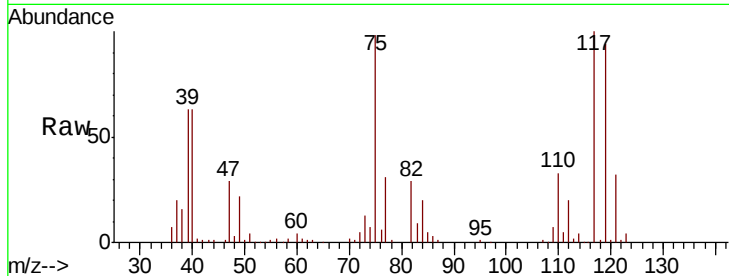
Tot Ion:117 Resp: 54183

Ion Ratio Lower Upper

117 100

119 93.9 78.1 117.1

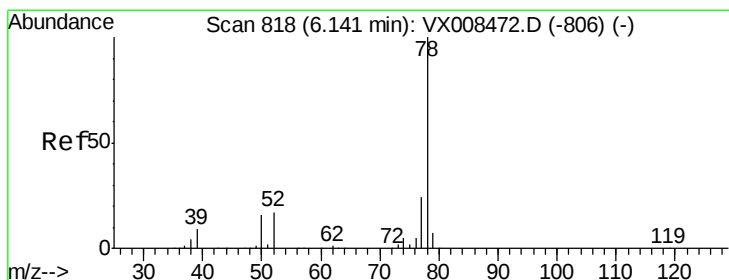
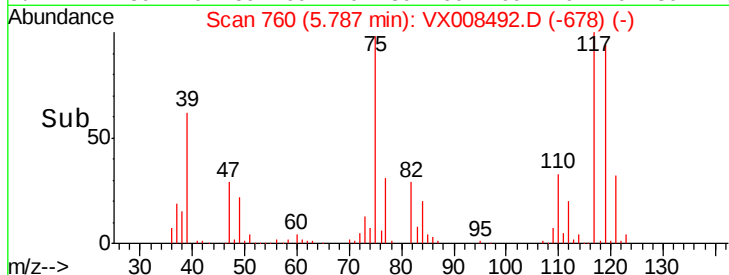
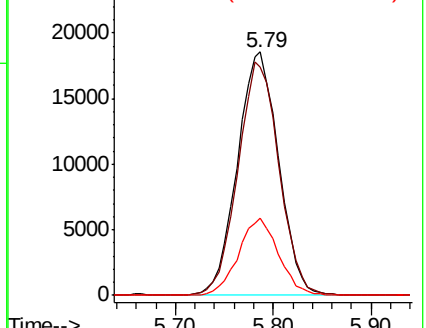
121 31.7 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.476 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

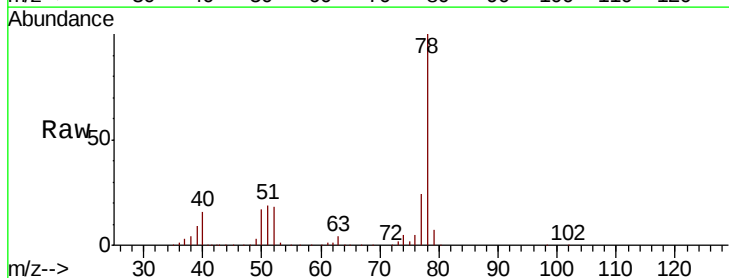
Tgt Ion: 78 Resp: 199679

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

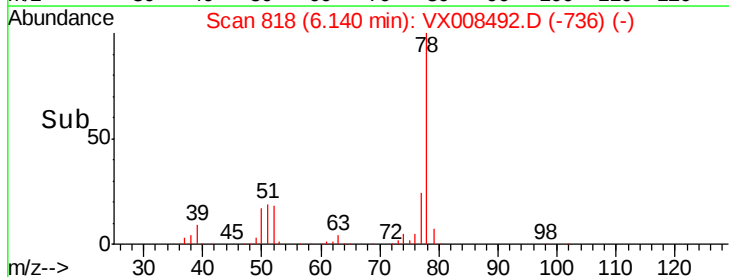
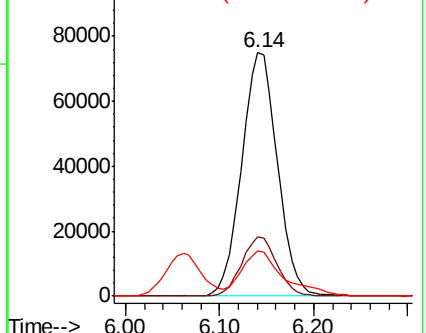
51 17.8 10.8 16.2#

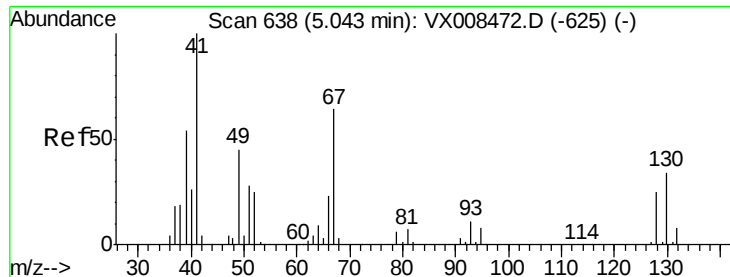


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

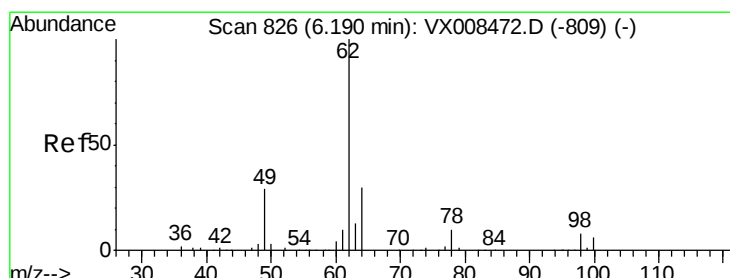
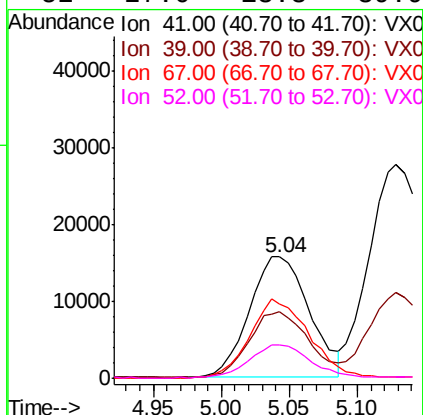
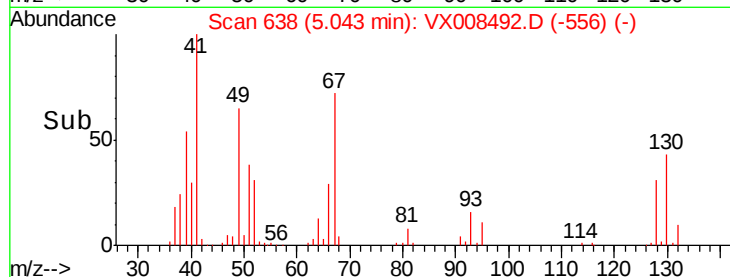
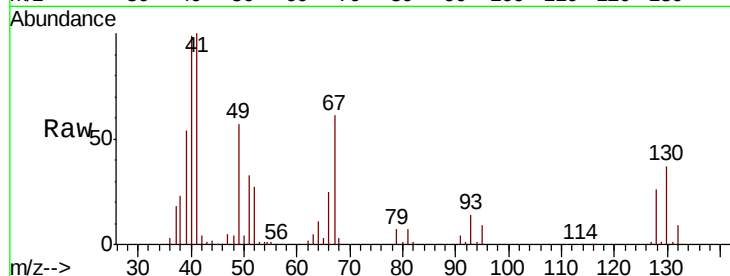




#35
Methacrylonitrile
Concen: 19.383 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

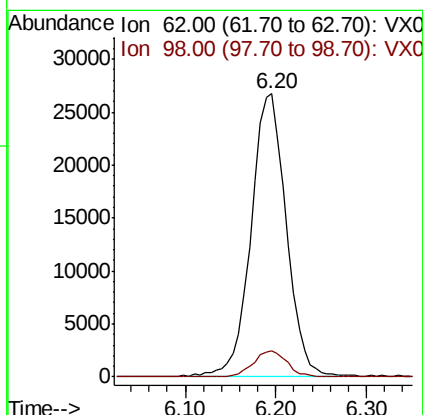
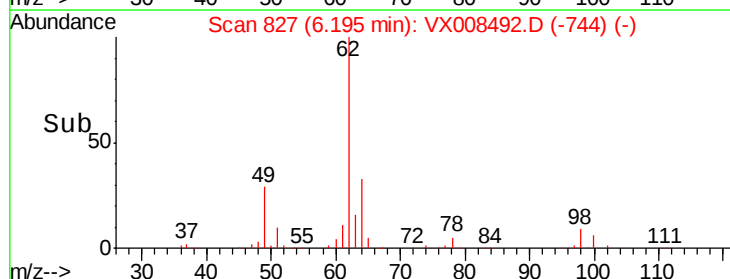
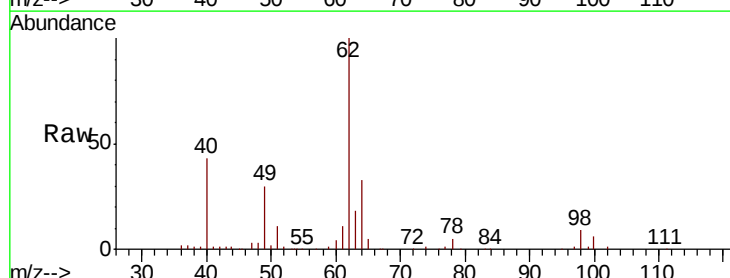
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

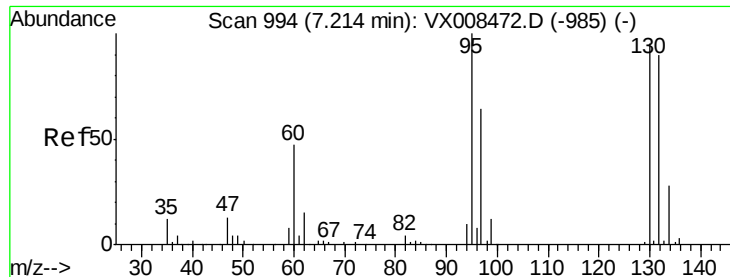
Tot Ion:	41	Resp:	48614
Ion	Ratio	Lower	Upper
41	100		
39	53.8	27.4	82.0
67	61.3	37.9	113.6
52	27.0	13.3	39.9



#36
1,2-Dichloroethane
Concen: 19.543 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion:	62	Resp:	71435
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.8	11.8

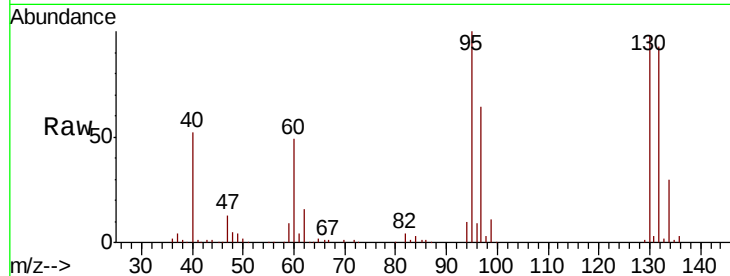




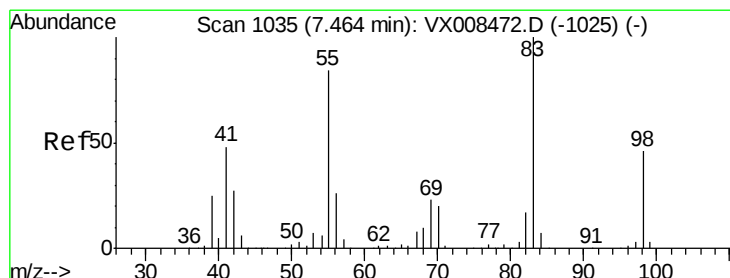
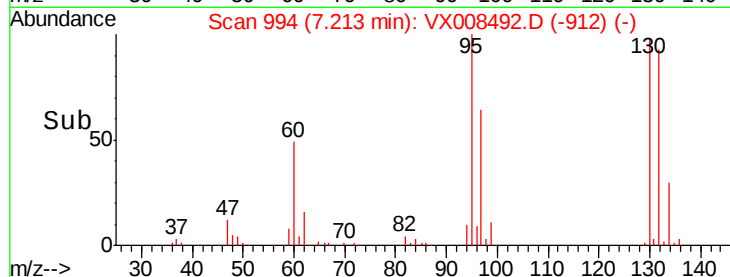
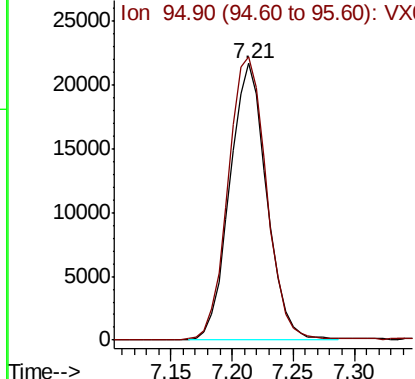
#37
 Trichloroethene
 Concen: 19.247 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion:130 Resp: 45380
 Ion Ratio Lower Upper
 130 100
 95 101.8 71.3 106.9

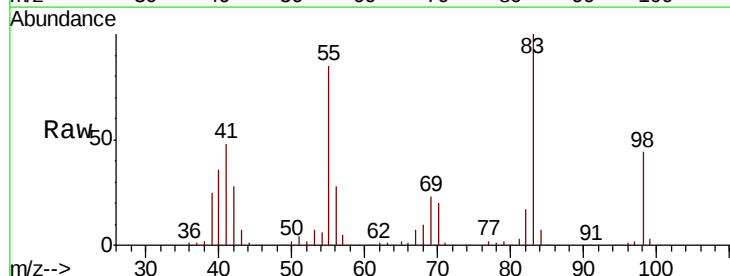


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

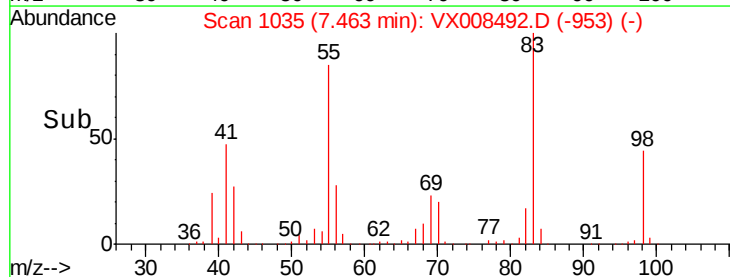
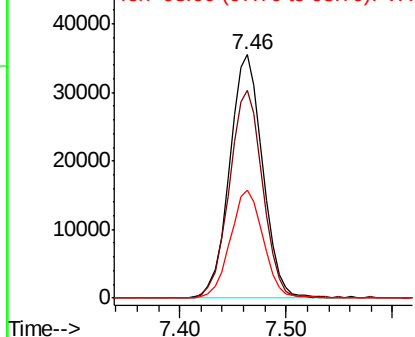


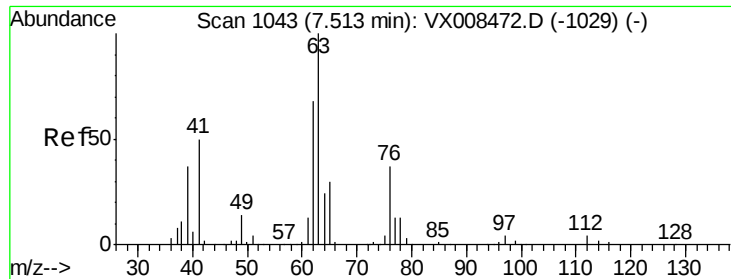
#38
 Methylcyclohexane
 Concen: 18.304 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 83 Resp: 77355
 Ion Ratio Lower Upper
 83 100
 55 85.9 36.0 108.0
 98 44.3 23.8 71.4



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

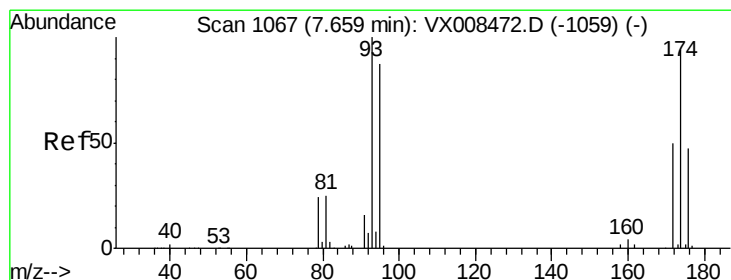
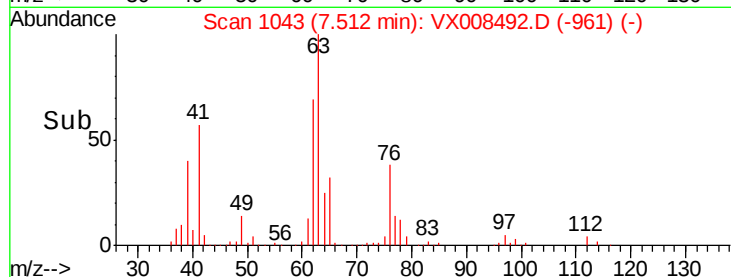
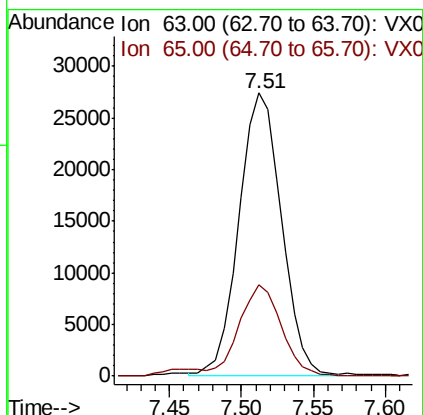
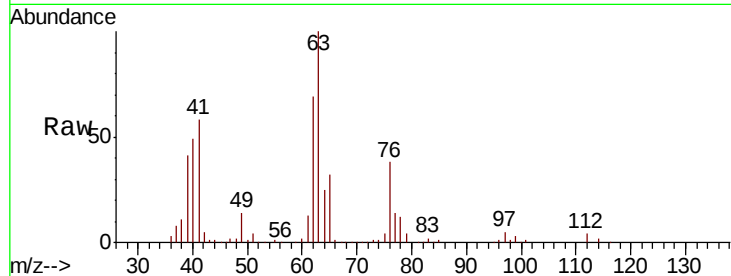




#39
 1,2-Dichloropropane
 Concen: 19.378 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

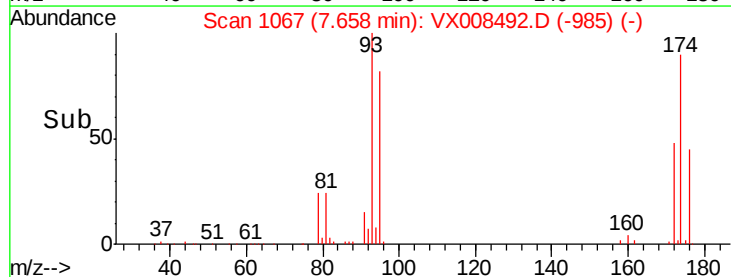
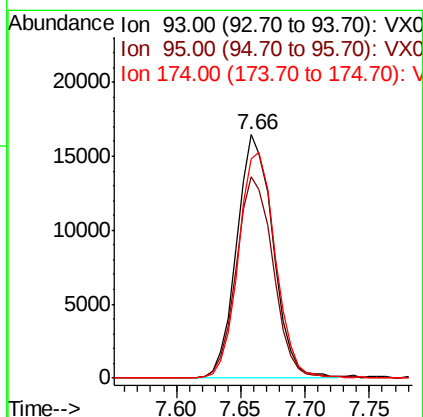
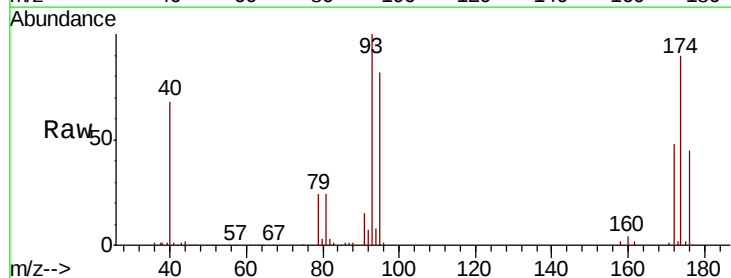
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

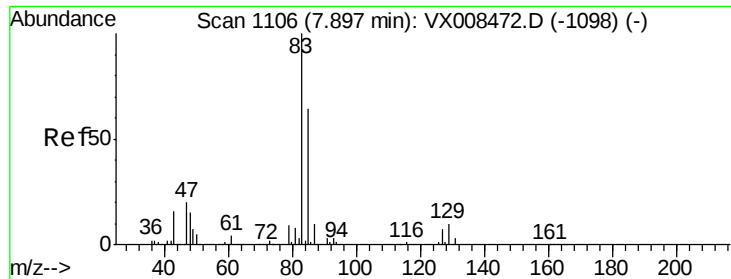
Tot Ion: 63 Resp: 56349
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 37.0



#40
 Dibromomethane
 Concen: 19.085 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 93 Resp: 32149
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 158.8
 174 94.1 0.0 224.2

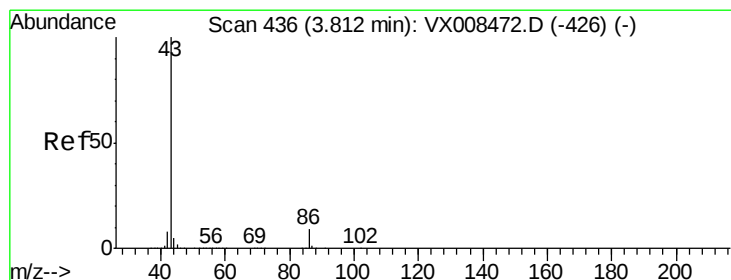
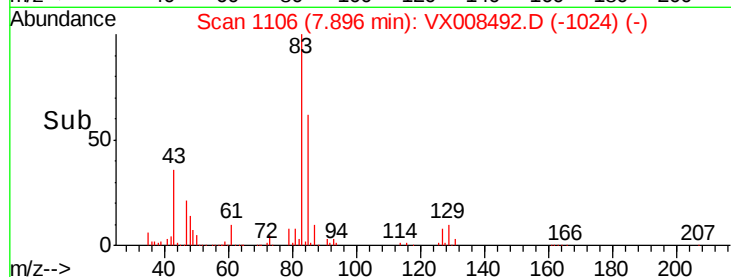
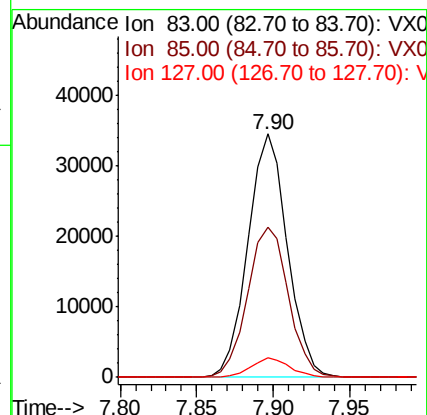
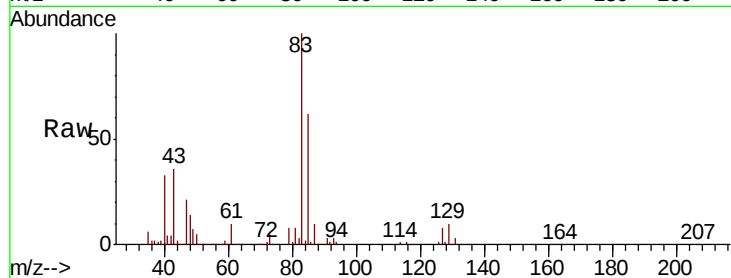




#41
Bromodichloromethane
Concen: 18.728 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

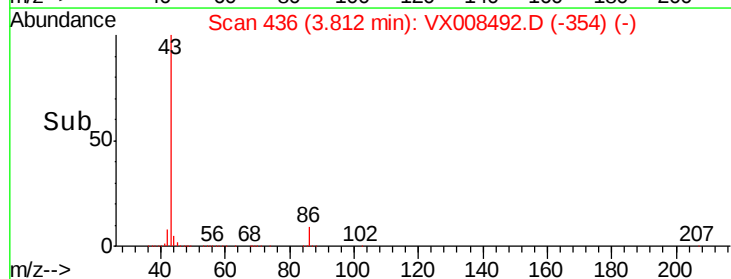
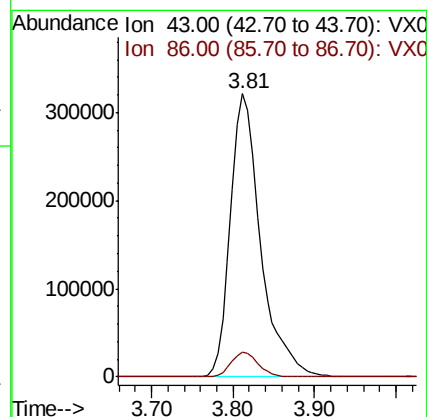
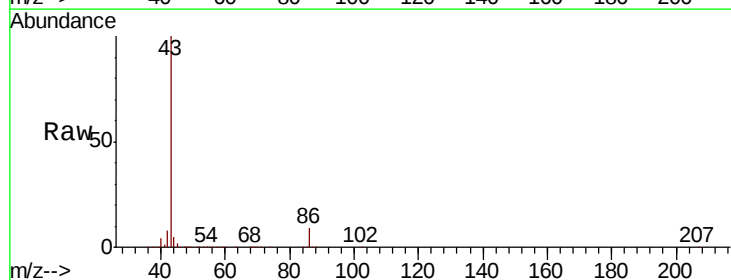
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

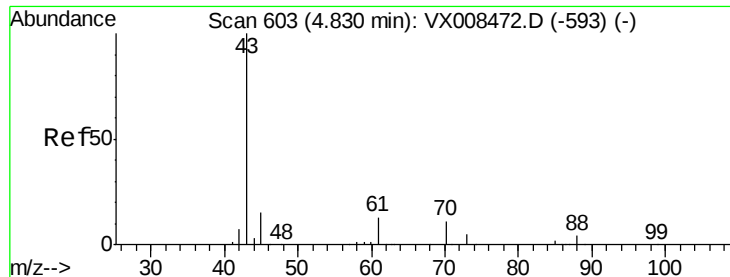
Tot Ion: 83 Resp: 62029
Ion Ratio Lower Upper
83 100
85 61.9 51.1 76.7
127 8.2 7.2 10.8



#42
Vinyl Acetate
Concen: 98.449 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 43 Resp: 823091
Ion Ratio Lower Upper
43 100
86 7.8 8.2 12.2#

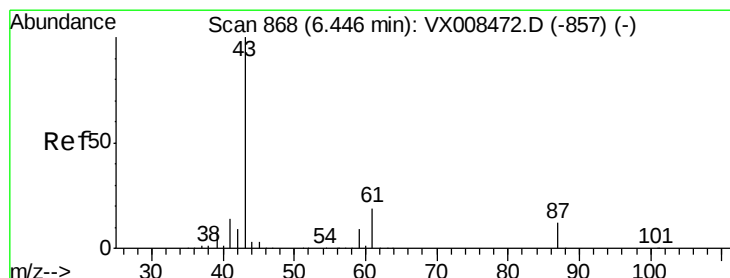
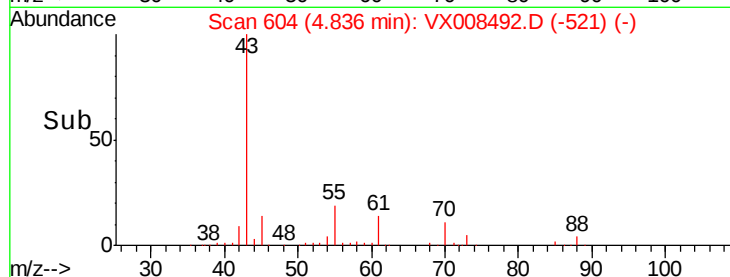
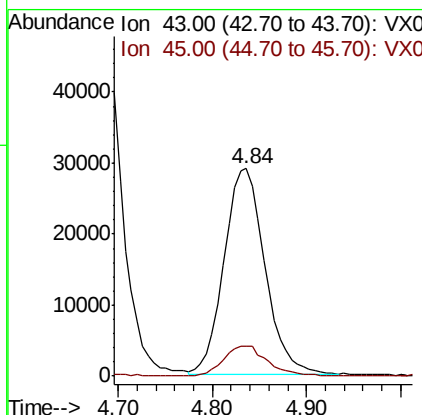
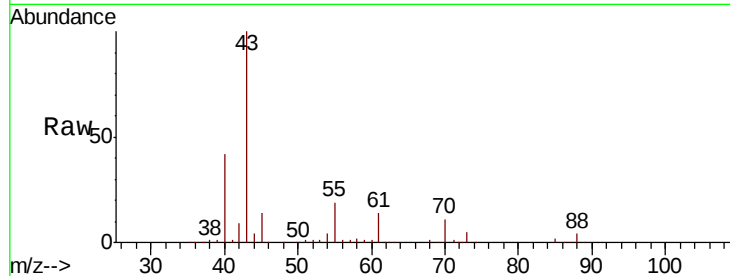




#43
Ethyl Acetate
Concen: 19.630 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

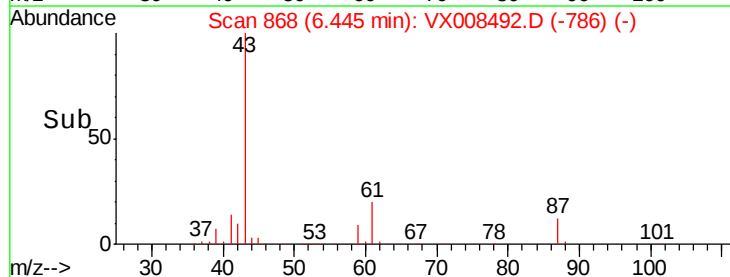
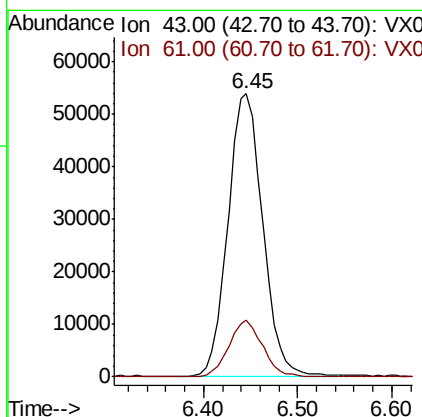
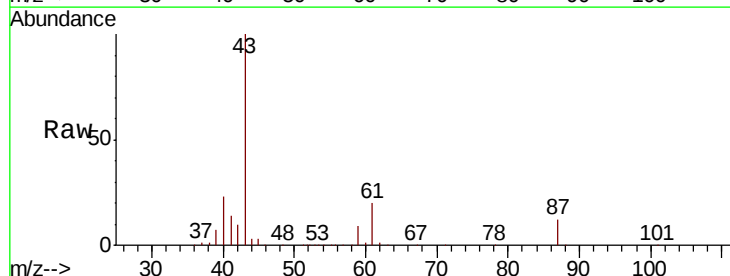
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

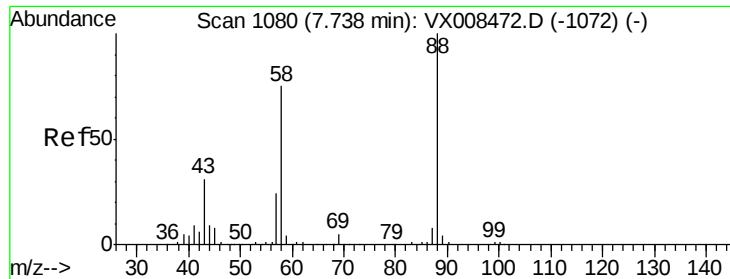
Tot Ion: 43 Resp: 87135
Ion Ratio Lower Upper
43 100
45 16.1 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.279 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 43 Resp: 138380
Ion Ratio Lower Upper
43 100
61 19.7 16.1 24.1





#45

1,4-Dioxane

Concen: 404.025 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

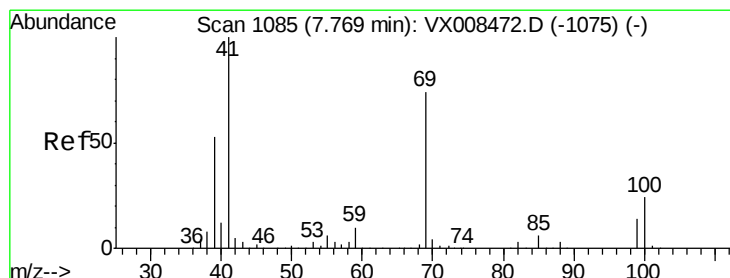
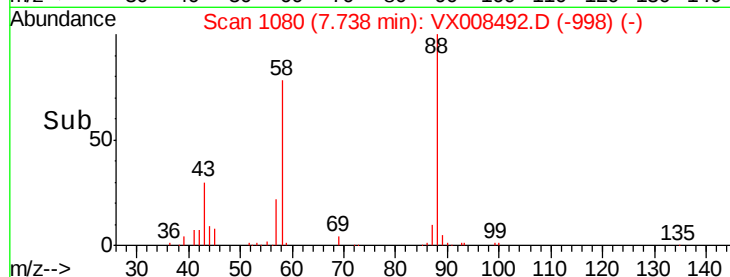
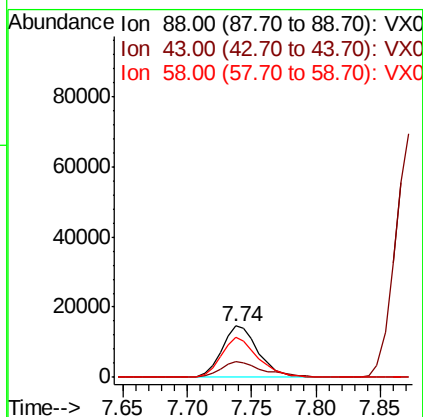
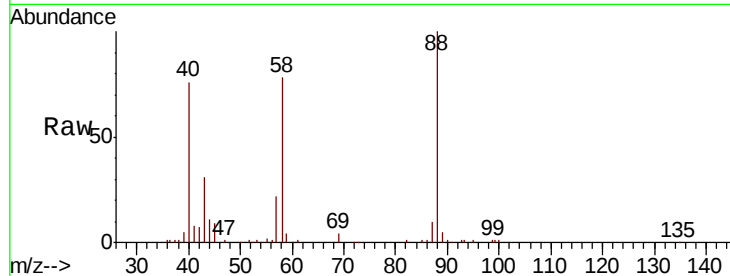
Tot Ion: 88 Resp: 28869

Ion Ratio Lower Upper

88 100

43 35.6 23.6 35.4#

58 78.1 51.6 77.4#



#46

Methyl methacrylate

Concen: 19.398 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

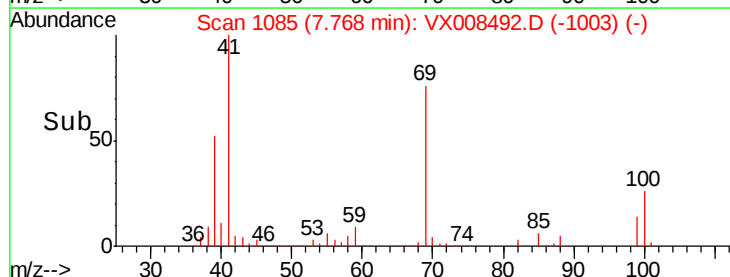
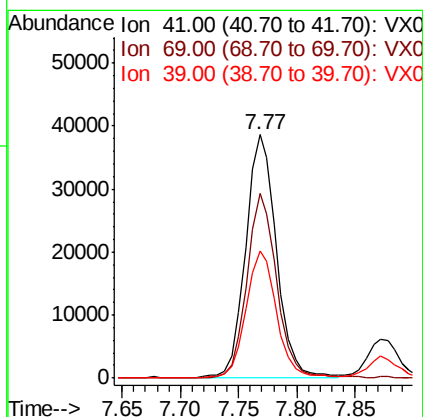
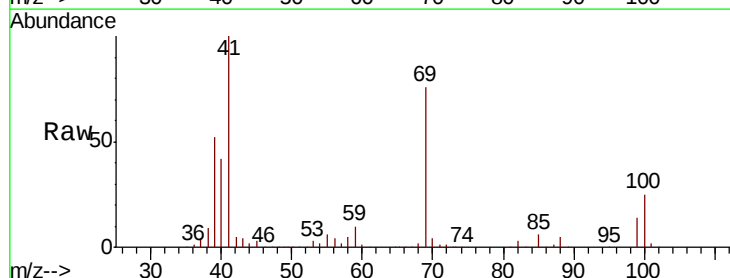
Tgt Ion: 41 Resp: 70714

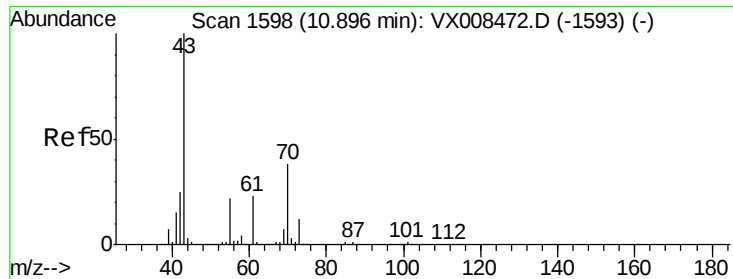
Ion Ratio Lower Upper

41 100

69 76.0 44.2 132.6

39 52.1 29.9 89.8





#47

n-amvl Acetate

Concen: 19.013 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

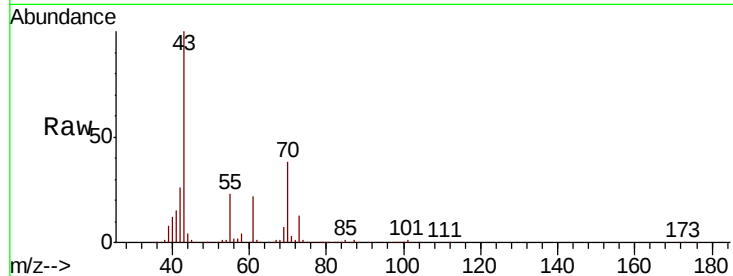
VX0327WBSD01

Tot Ion: 43 Resp: 123965

Ion Ratio Lower Upper

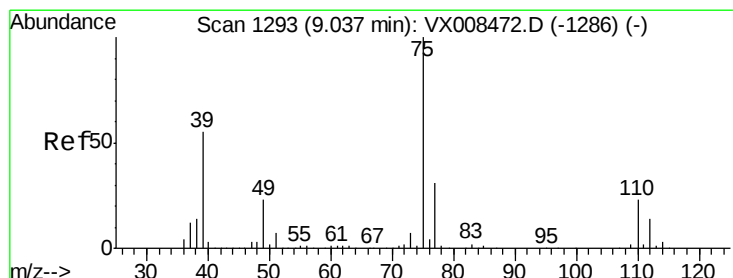
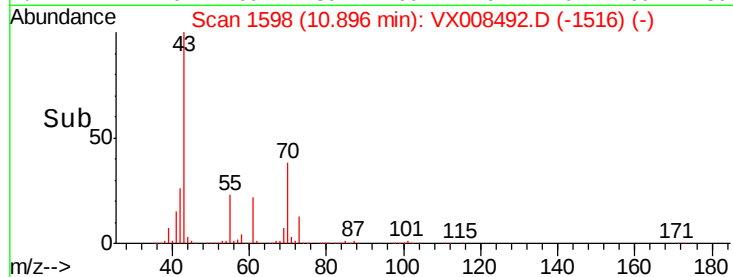
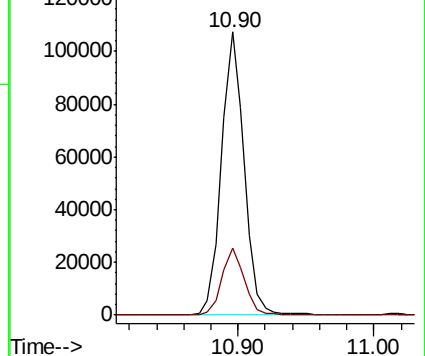
43 100

55 23.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.619 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008492.D

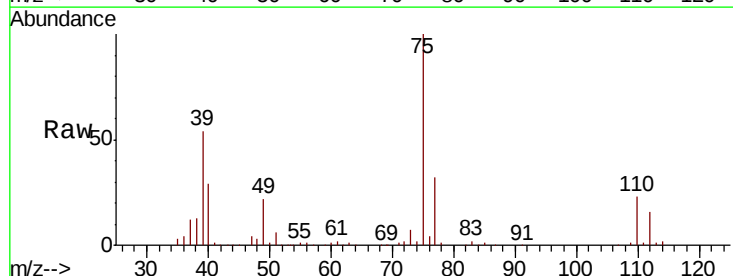
Acq: 27 Mar 2019 18:58

Tgt Ion: 75 Resp: 65914

Ion Ratio Lower Upper

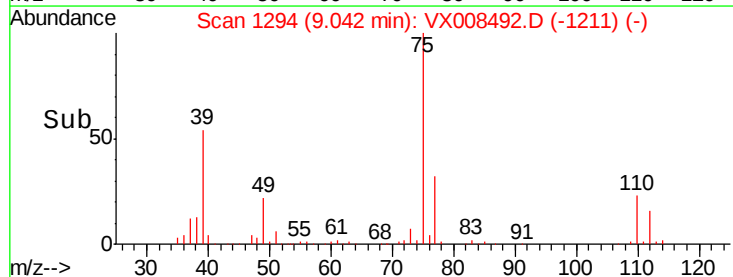
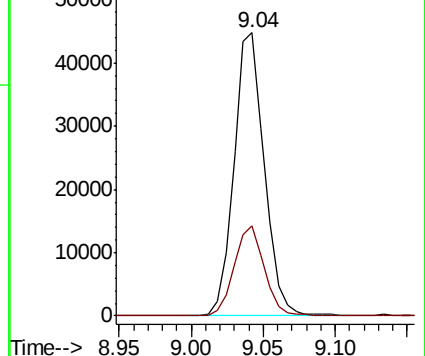
75 100

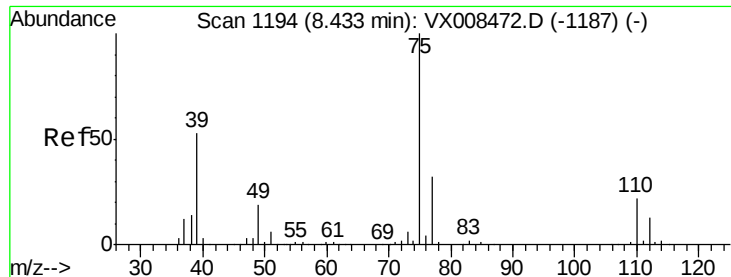
77 32.0 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

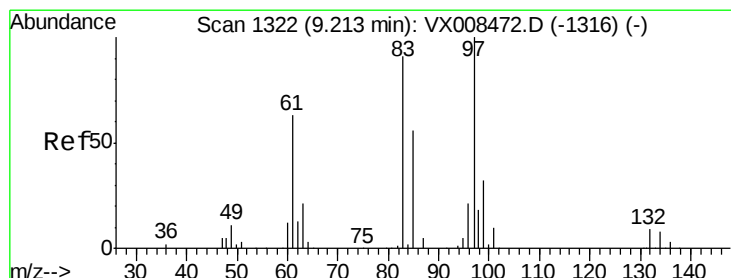
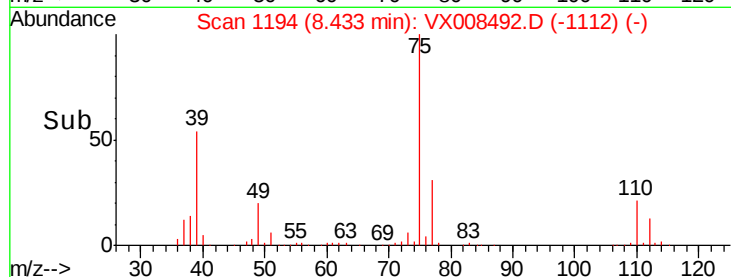
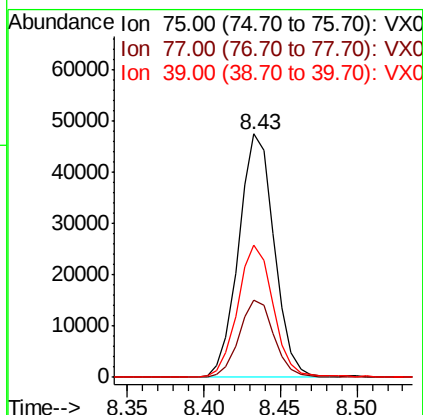
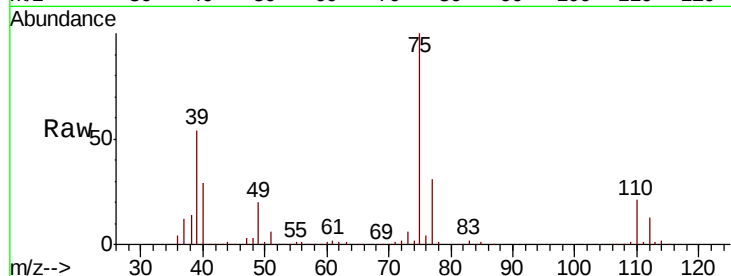




#49
 cis-1,3-Dichloropropene
 Concen: 18.358 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

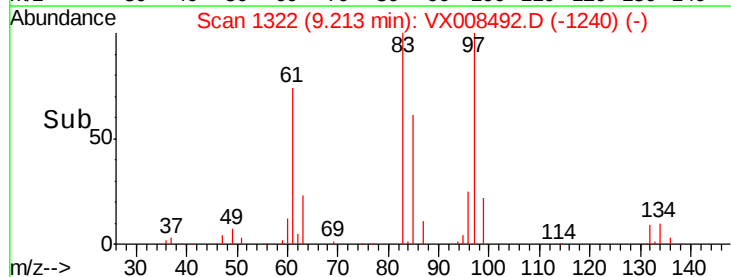
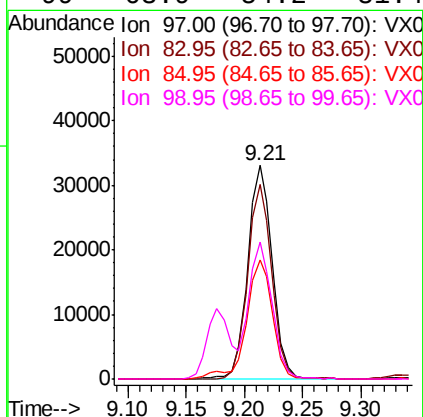
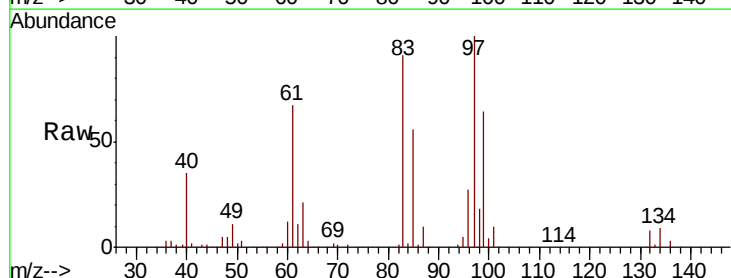
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

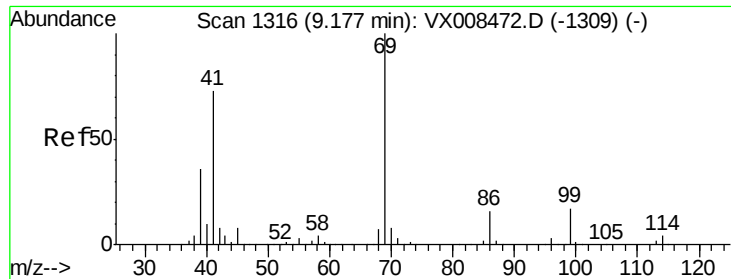
Tot Ion: 75 Resp: 76821
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4
 39 54.2 38.5 57.7



#50
 1,1,2-Trichloroethane
 Concen: 19.409 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 97 Resp: 48546
 Ion Ratio Lower Upper
 97 100
 83 91.1 72.0 108.0
 85 55.7 45.0 67.6
 99 63.9 54.2 81.4

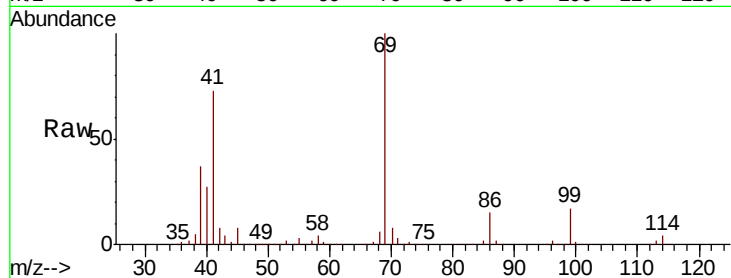




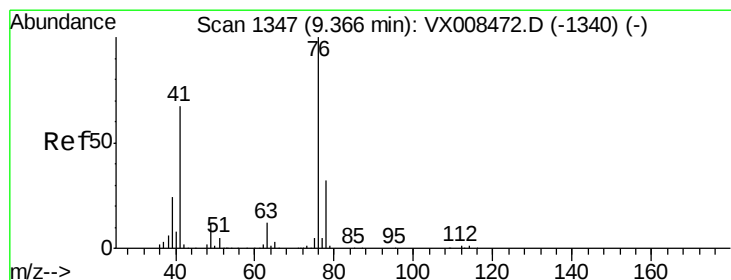
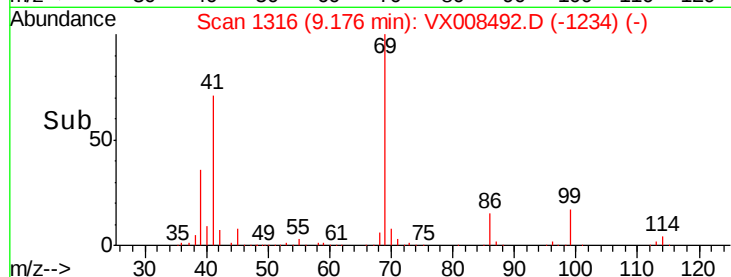
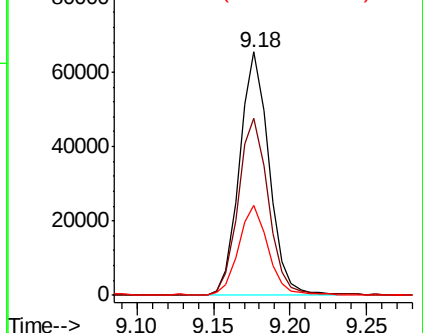
#51
Ethyl methacrylate
Concen: 18.901 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion: 69 Resp: 87975
Ion Ratio Lower Upper
69 100
41 72.6 32.1 96.5
39 36.6 18.8 56.3

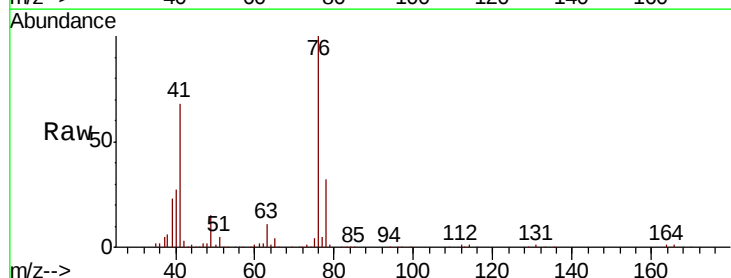


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

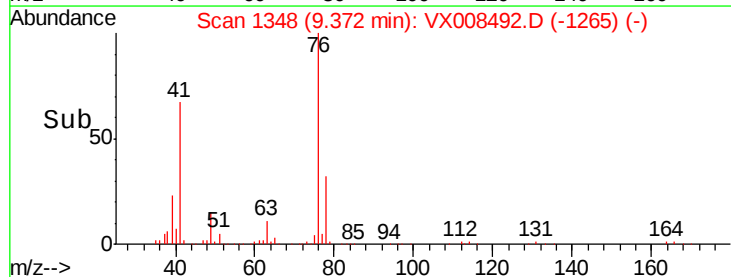
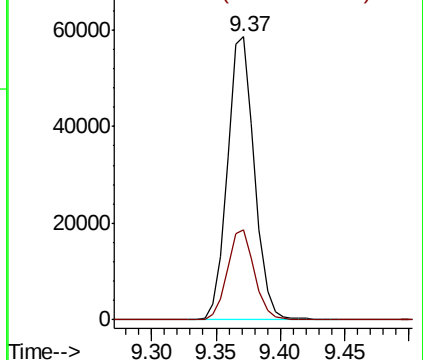


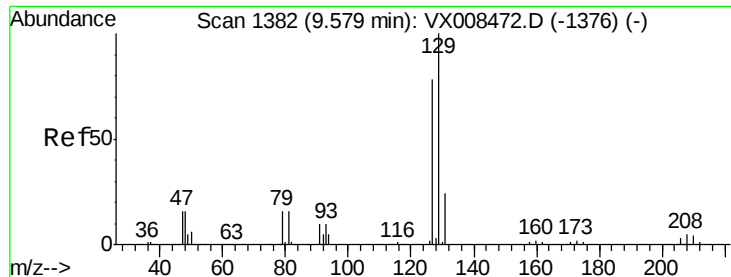
#52
1,3-Dichloropropane
Concen: 19.329 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 76 Resp: 86011
Ion Ratio Lower Upper
76 100
78 31.9 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: 18.214 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

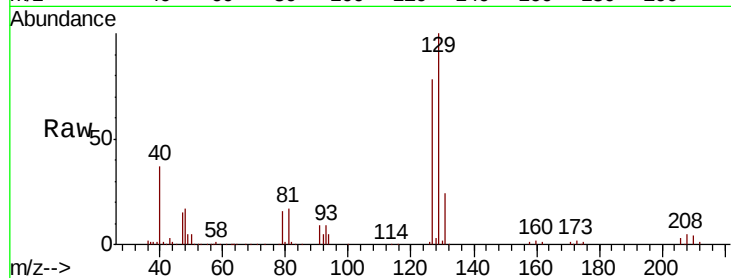
VX0327WBSD01

Tot Ion:129 Resp: 44831

Ion Ratio Lower Upper

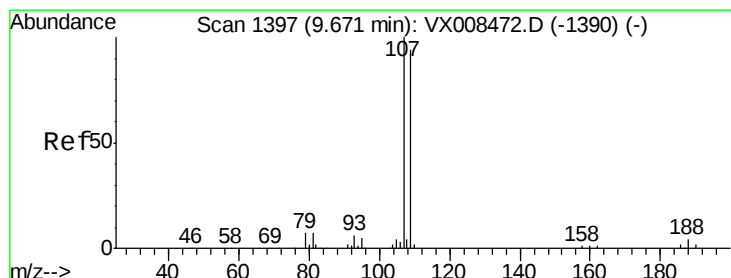
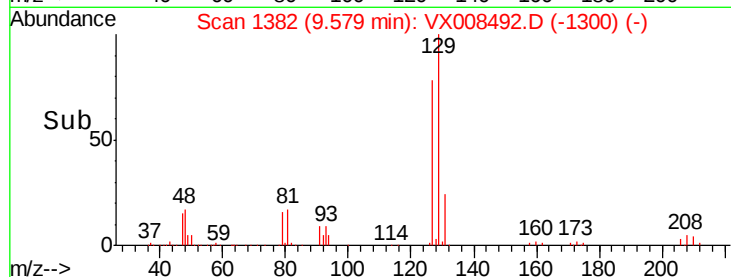
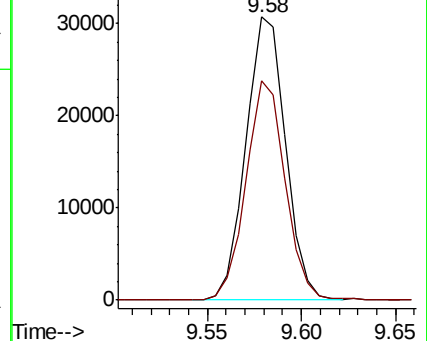
129 100

127 76.5 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.180 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008492.D

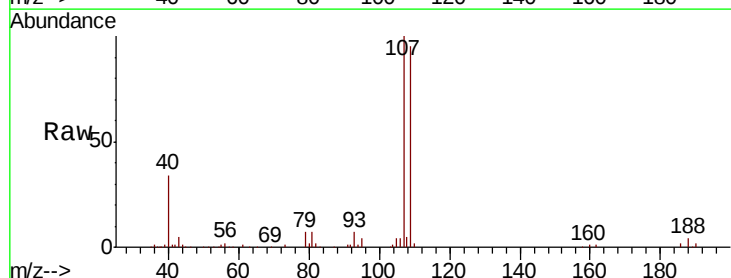
Acq: 27 Mar 2019 18:58

Tgt Ion:107 Resp: 49453

Ion Ratio Lower Upper

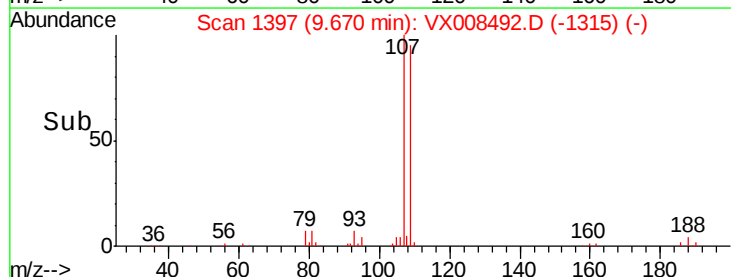
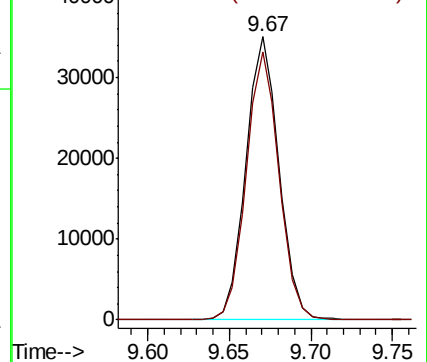
107 100

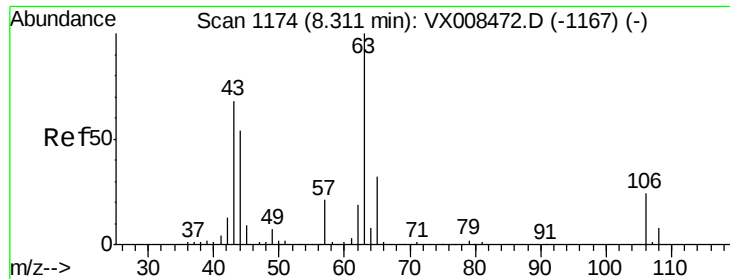
109 93.9 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

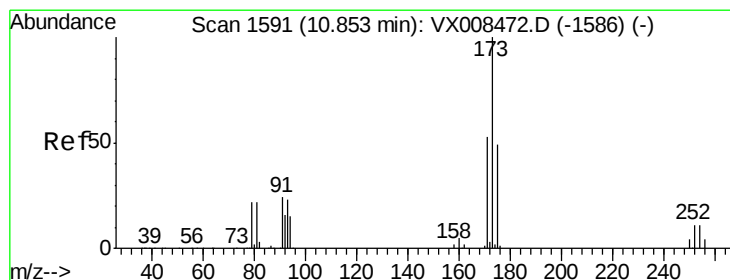
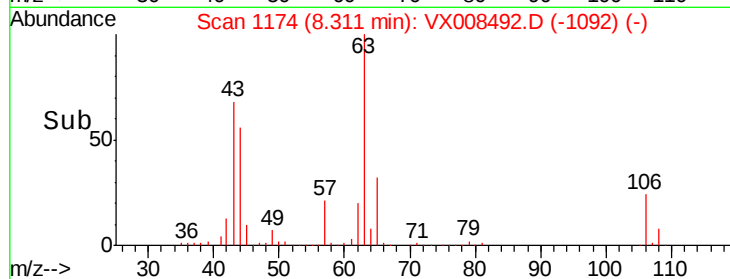
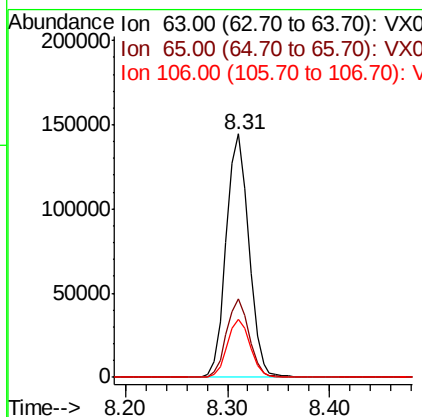
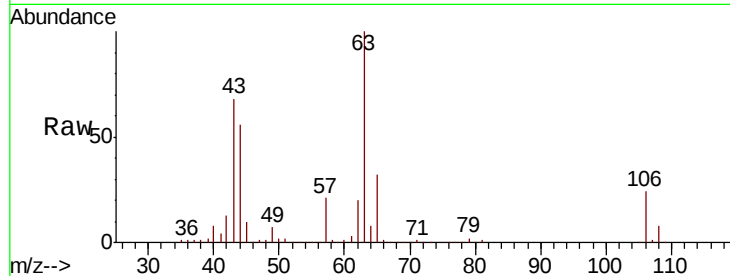




#55
2-Chloroethyl vinyl ether
Concen: 95.311 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

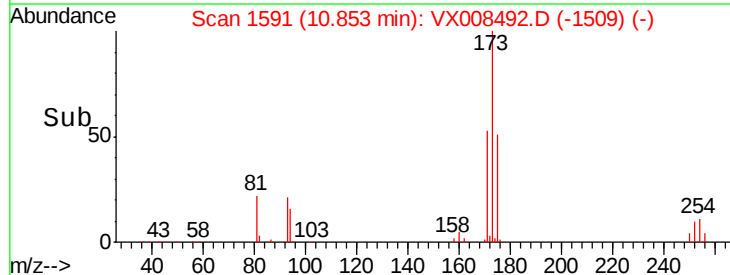
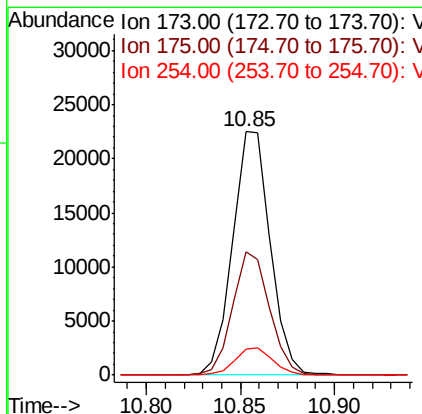
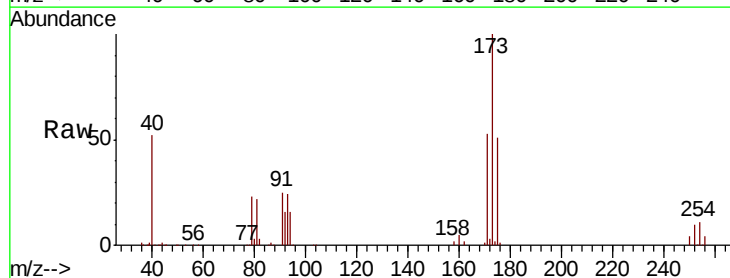
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

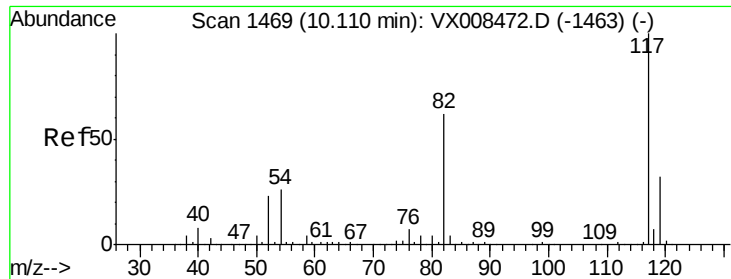
Tot Ion: 63 Resp: 223806
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 23.8 23.7 35.5



#56
Bromoform
Concen: 17.398 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 173 Resp: 31208
Ion Ratio Lower Upper
173 100
175 49.7 38.5 57.7
254 11.2 7.4 11.2#

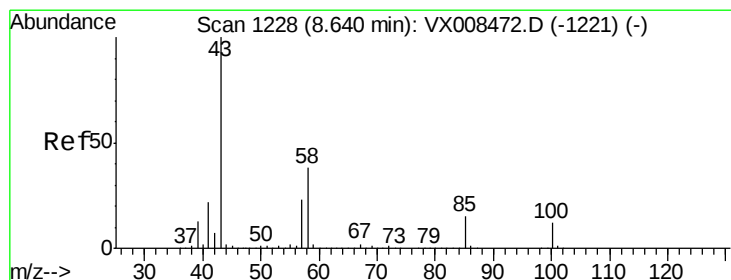
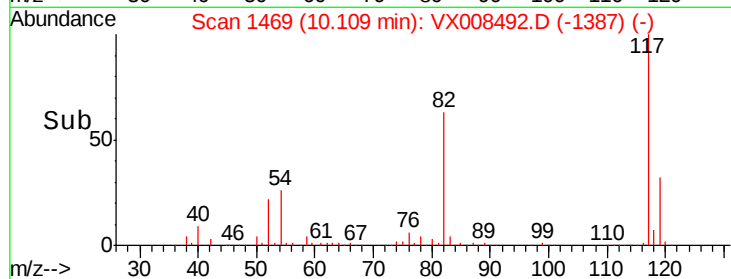
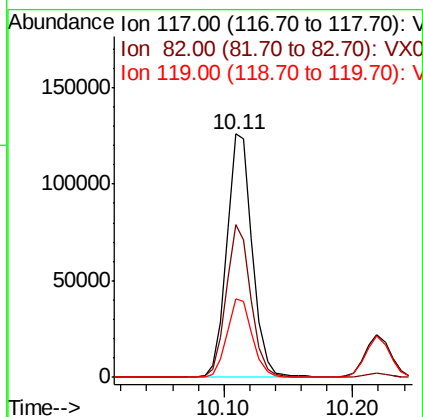
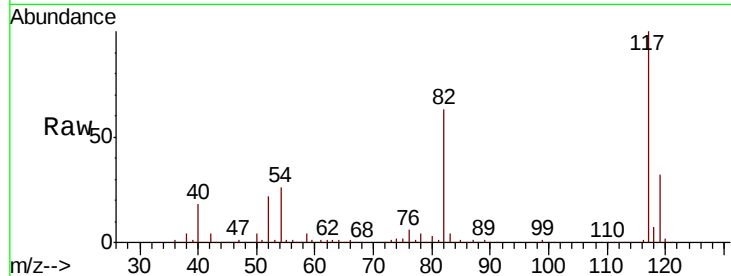




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

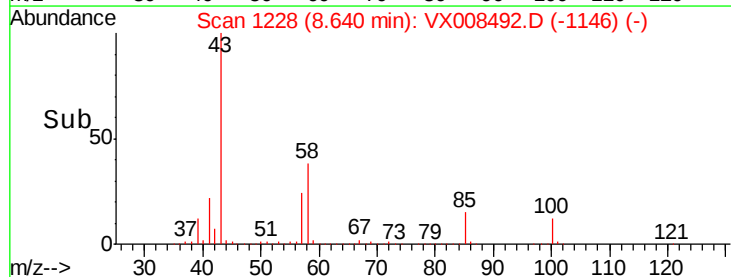
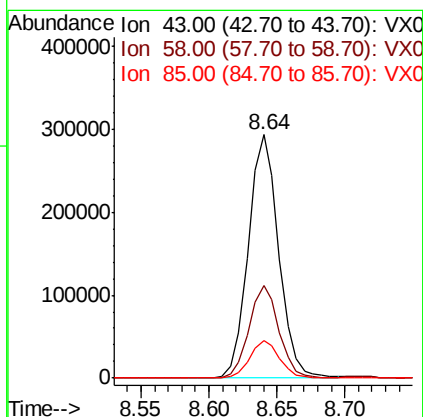
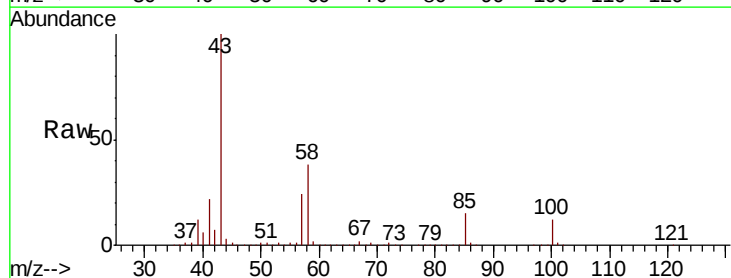
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

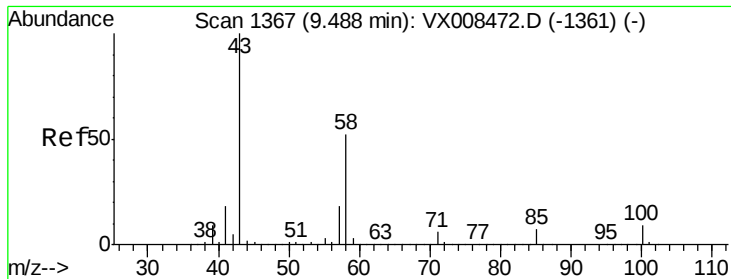
Tot Ion:117 Resp: 175181
Ion Ratio Lower Upper
117 100
82 60.7 40.4 60.6#
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 99.055 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 43 Resp: 457792
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.0
85 15.3 15.0 22.6

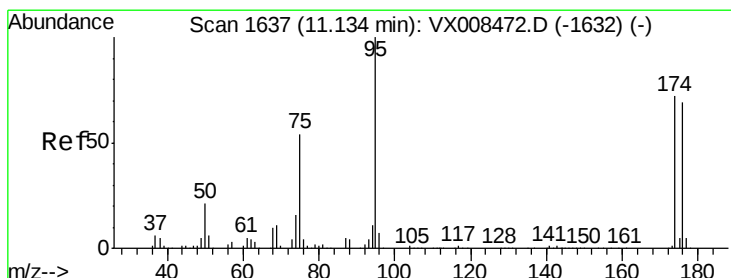
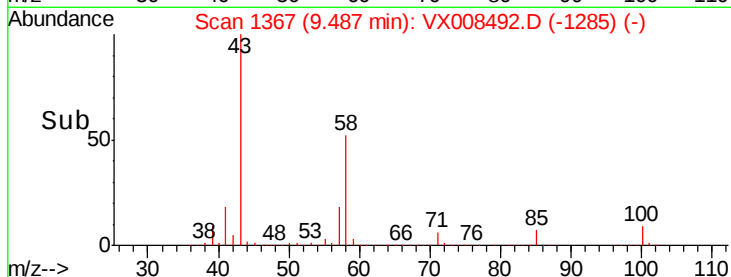
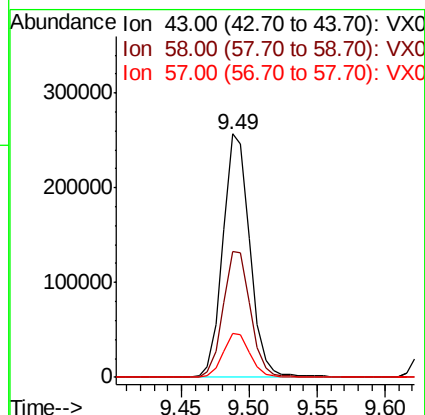
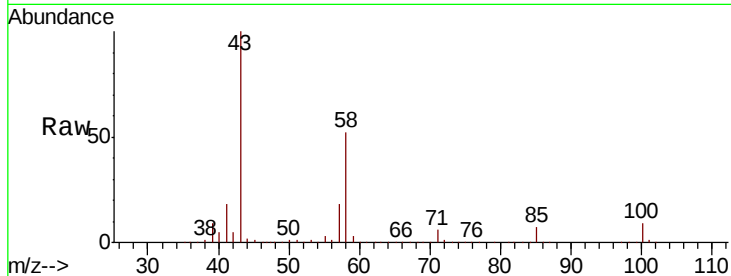




#59
2-Hexanone
Concen: 96.800 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

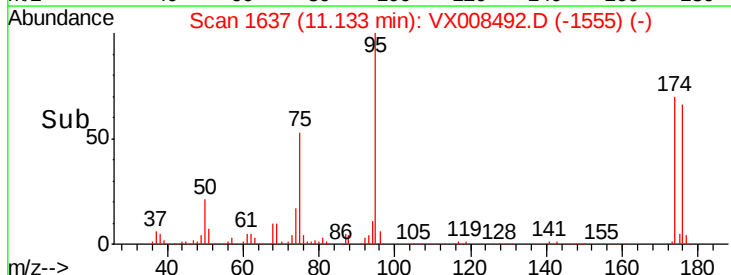
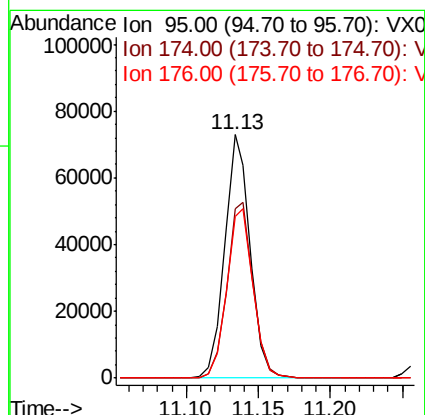
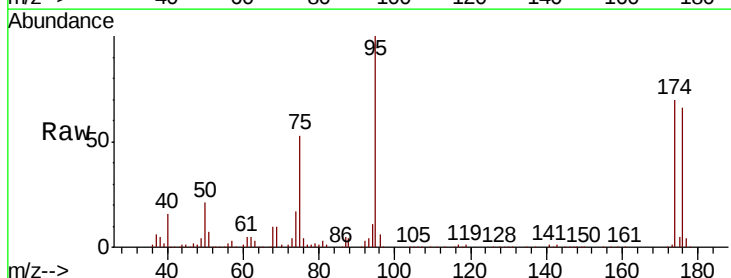
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

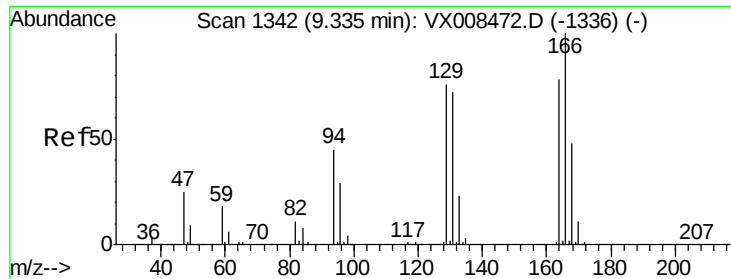
Tot Ion: 43 Resp: 353442
Ion Ratio Lower Upper
43 100
58 52.5 43.9 65.9
57 18.2 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.711 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 95 Resp: 90684
Ion Ratio Lower Upper
95 100
174 74.1 74.9 112.3#
176 71.9 70.7 106.1

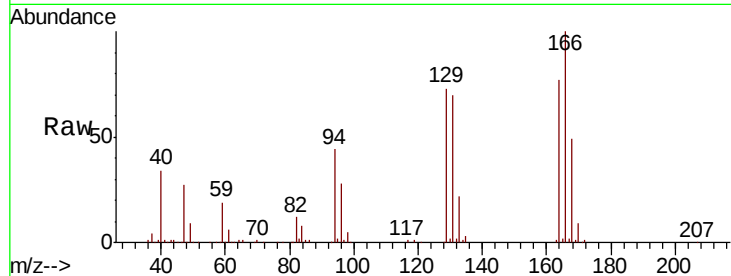




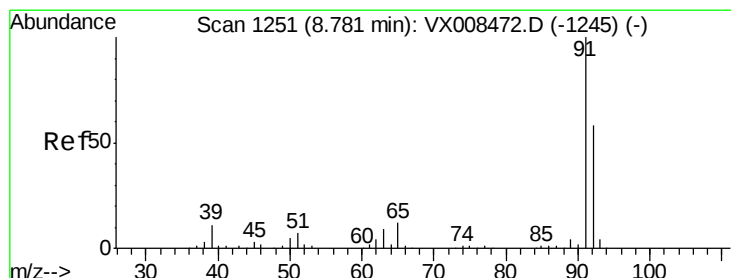
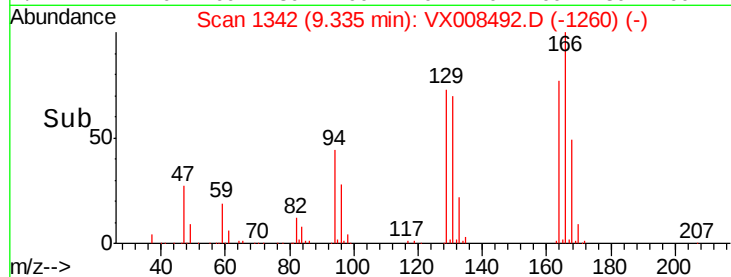
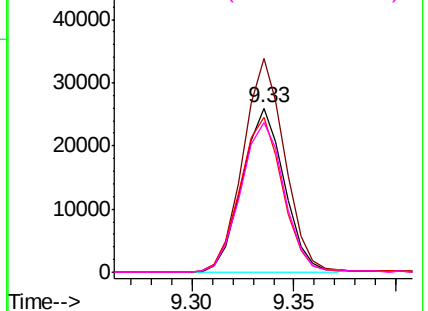
#61
Tetrachloroethene
Concen: 19.412 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion:164 Resp: 37197
Ion Ratio Lower Upper
164 100
166 130.3 103.9 155.9
129 94.5 74.7 112.1
131 91.3 71.7 107.5

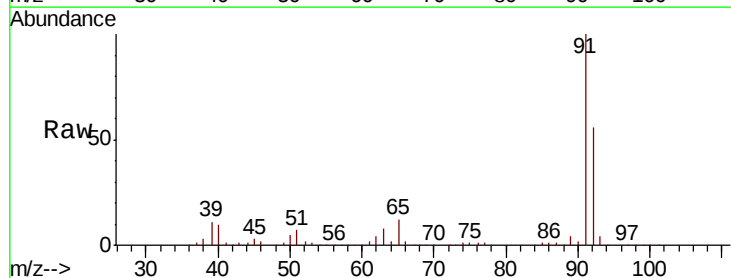


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

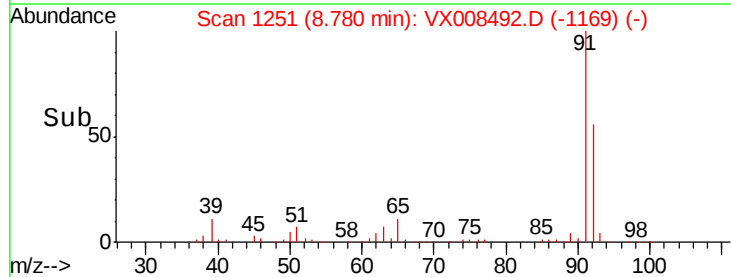
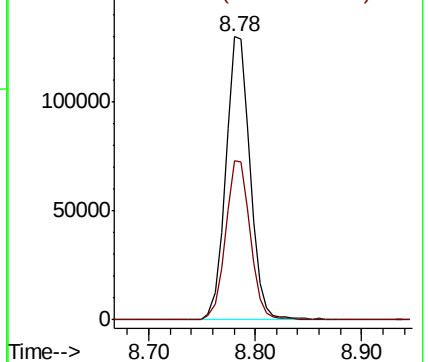


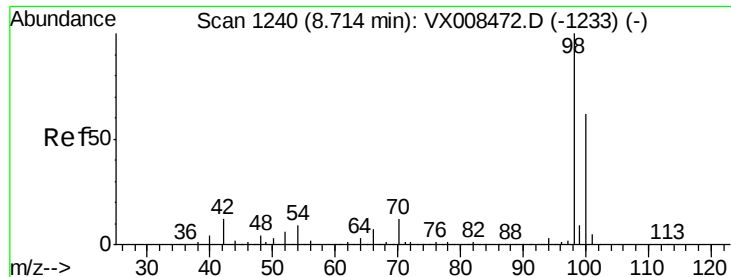
#62
Toluene
Concen: 19.592 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 91 Resp: 207799
Ion Ratio Lower Upper
91 100
92 57.2 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.271 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

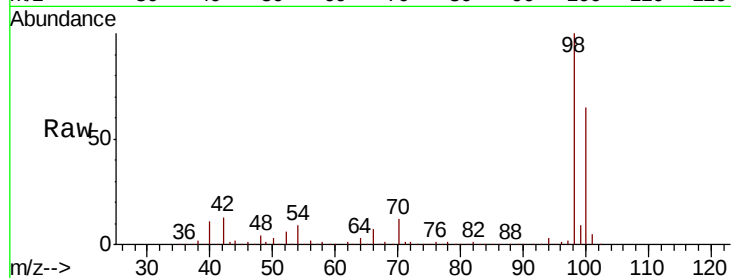
VX0327WBSD01

Tot Ion: 98 Resp: 251720

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

150000

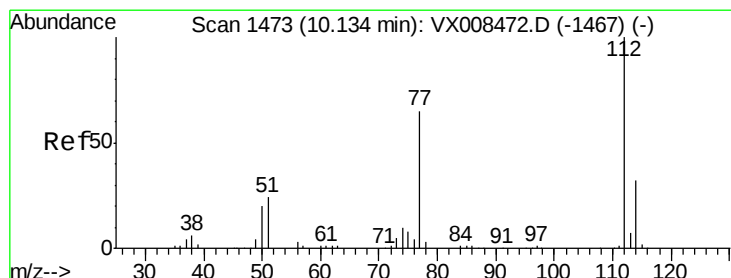
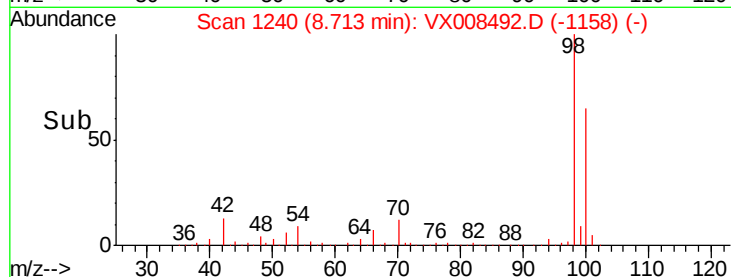
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 19.277 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008492.D

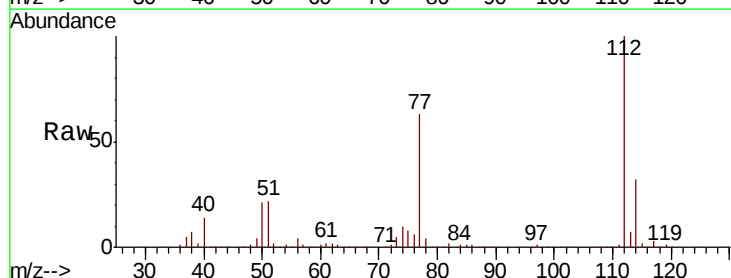
Acq: 27 Mar 2019 18:58

Tgt Ion: 112 Resp: 119805

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

100000

80000

60000

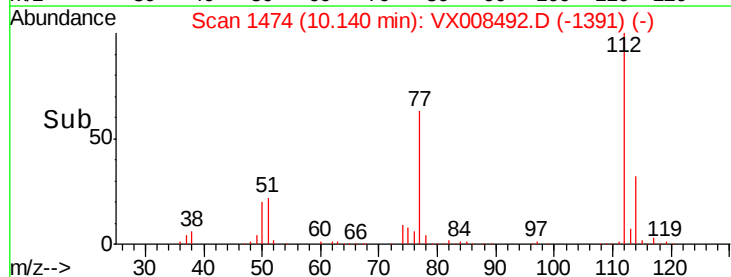
40000

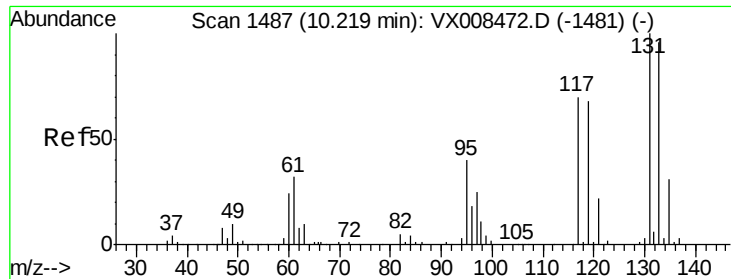
20000

0

10.10 10.14 10.18 10.22

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.022 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

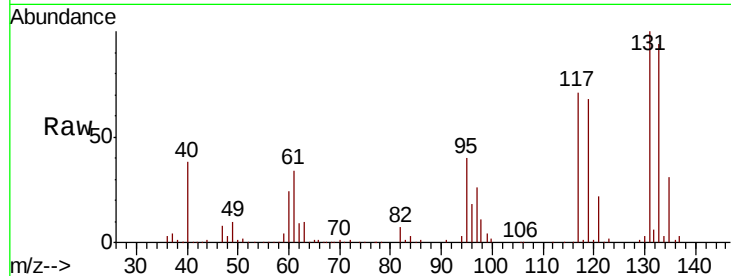
Tot Ion:131 Resp: 41680

Ion Ratio Lower Upper

131 100

133 95.9 0.0 191.6

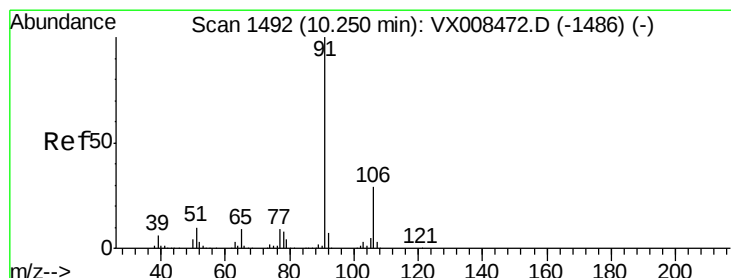
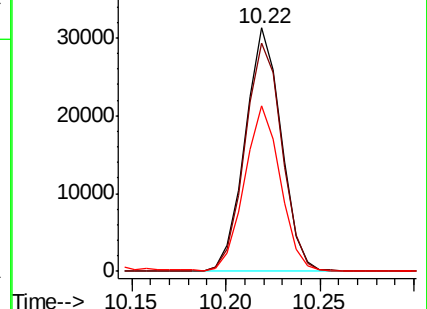
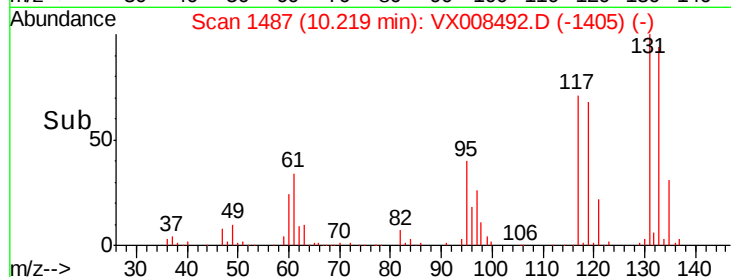
119 67.8 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.155 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008492.D

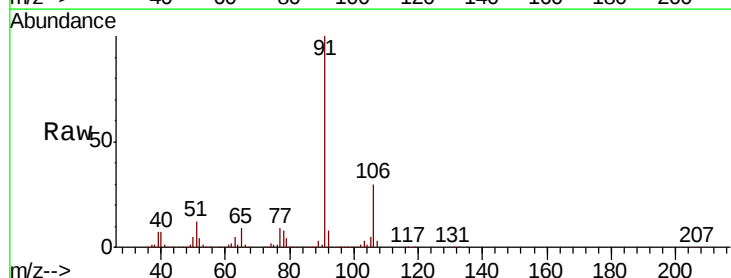
Acq: 27 Mar 2019 18:58

Tgt Ion: 91 Resp: 225501

Ion Ratio Lower Upper

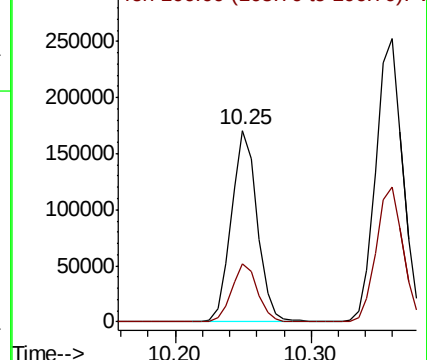
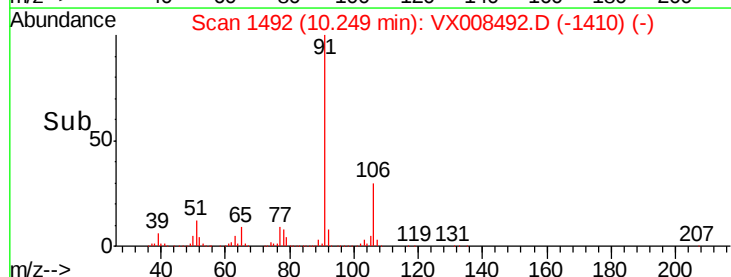
91 100

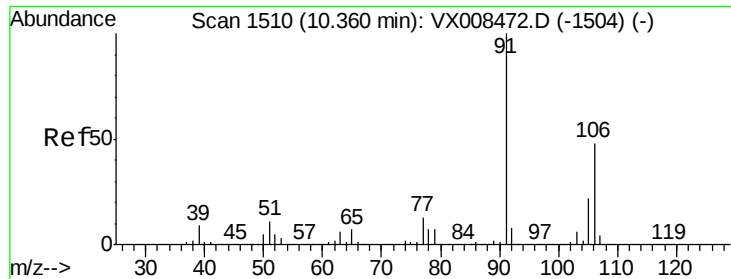
106 30.4 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 38.608 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

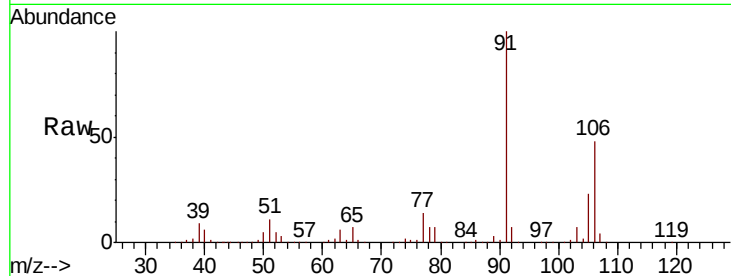
VX0327WBSD01

Tot Ion:106 Resp: 165783

Ion Ratio Lower Upper

106 100

91 209.8 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

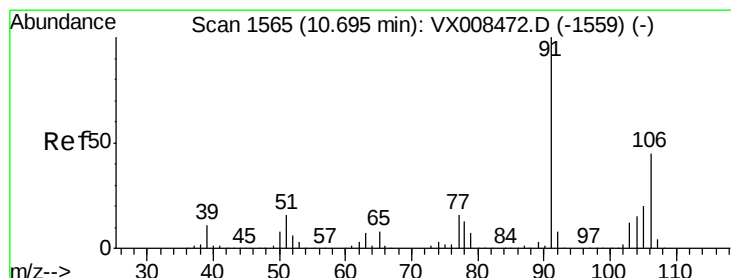
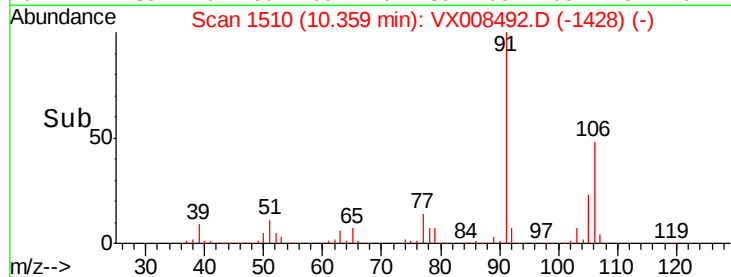
0

10.30

10.36

10.40

Time-->



#68

o-Xylene

Concen: 19.441 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX008492.D

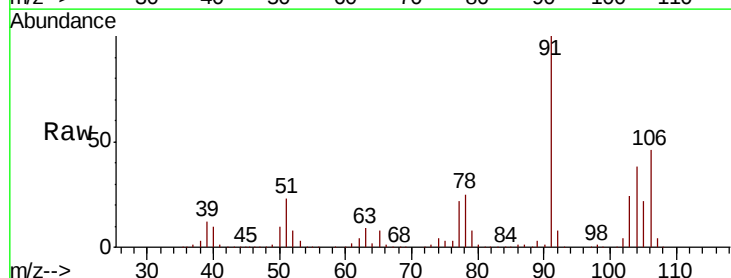
Acq: 27 Mar 2019 18:58

Tgt Ion:106 Resp: 81689

Ion Ratio Lower Upper

106 100

91 221.6 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

100000

50000

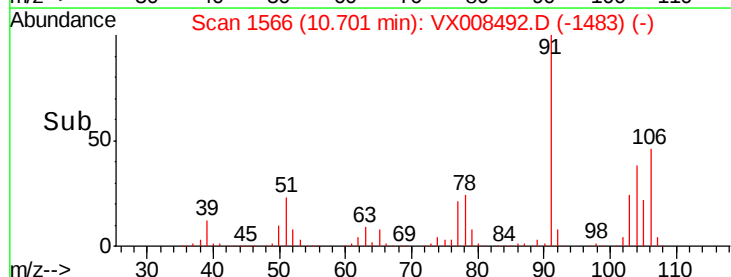
0

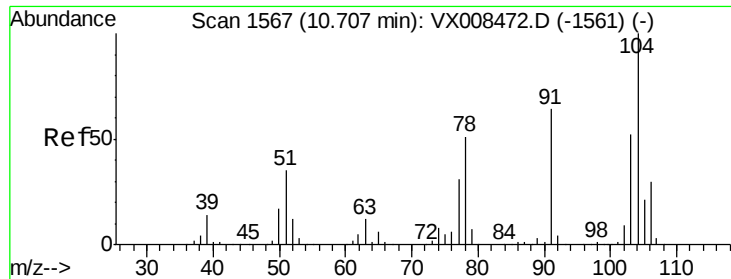
10.60

10.70

10.80

Time-->

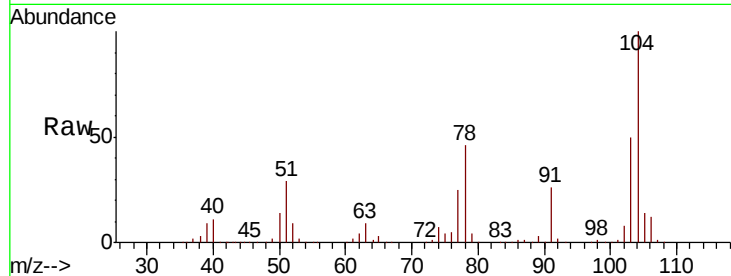




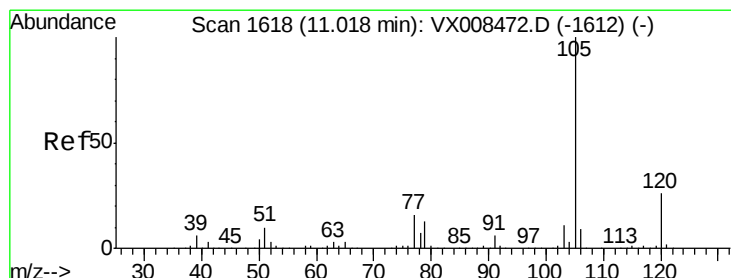
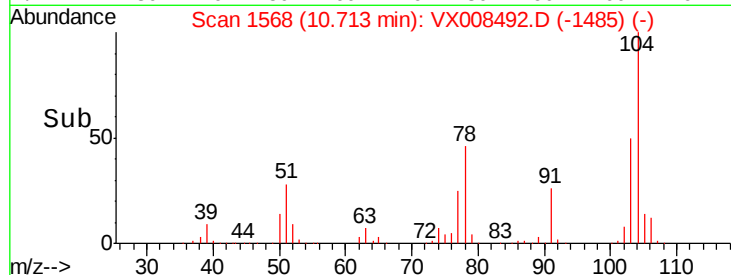
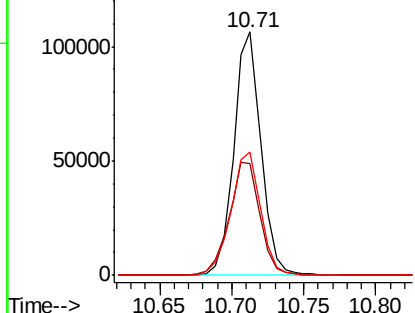
#69
Stvrene
Concen: 19.107 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion:104 Resp: 139706
Ion Ratio Lower Upper
104 100
78 53.2 38.2 57.2
103 55.7 45.0 67.4

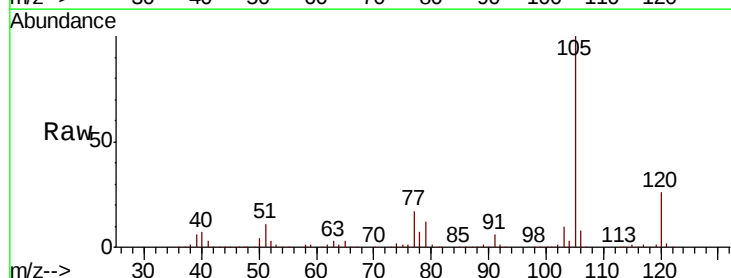


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

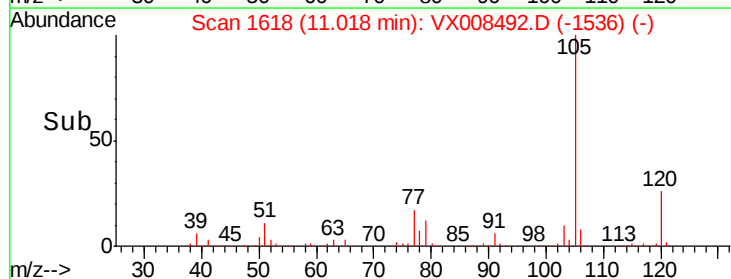
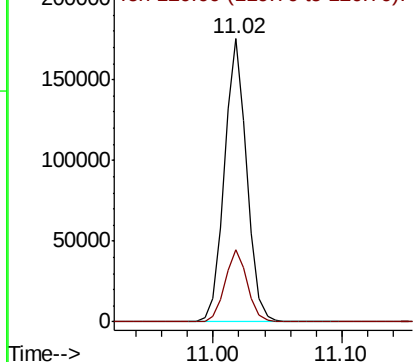


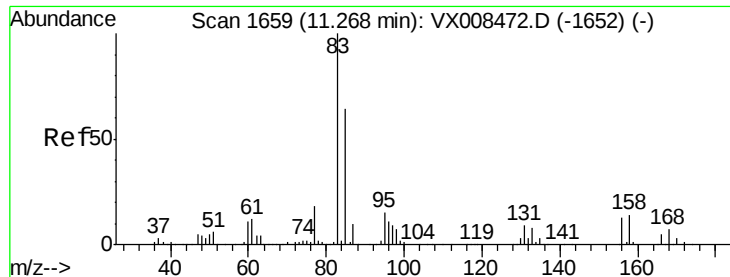
#70
Isopropylbenzene
Concen: 19.258 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion:105 Resp: 213458
Ion Ratio Lower Upper
105 100
120 25.4 19.8 36.8



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

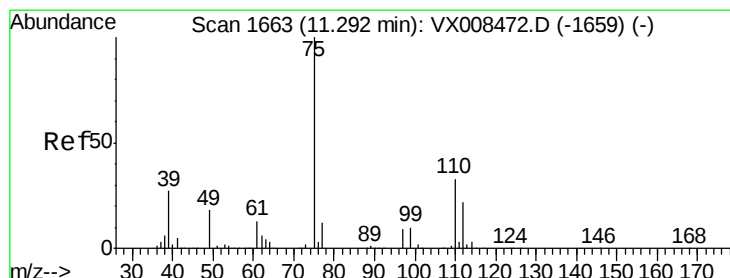
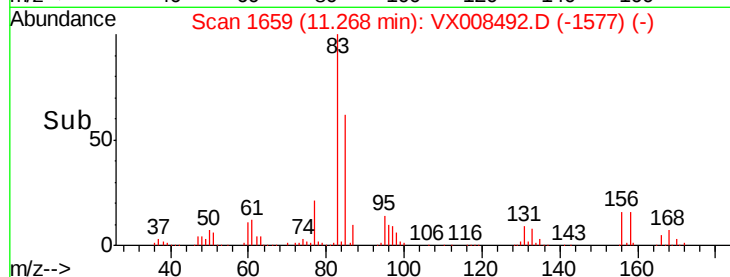
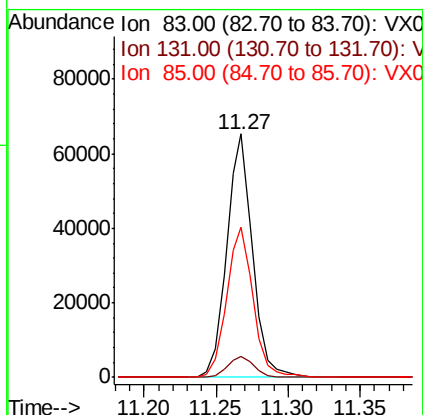
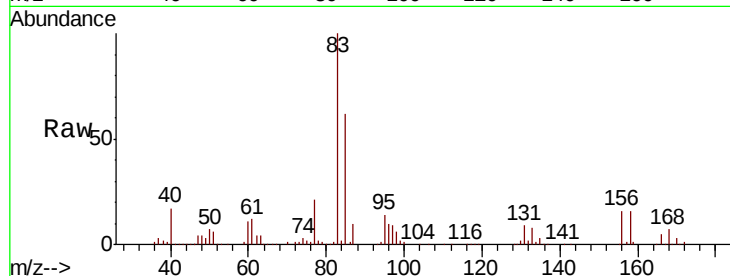




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.813 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

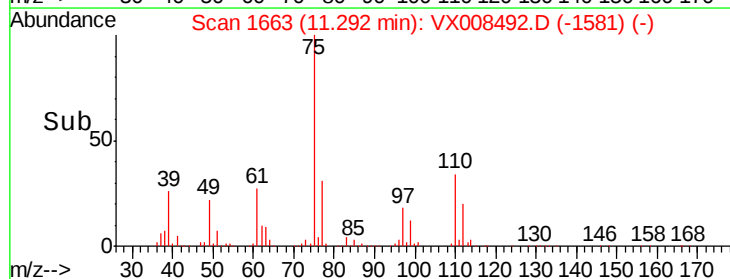
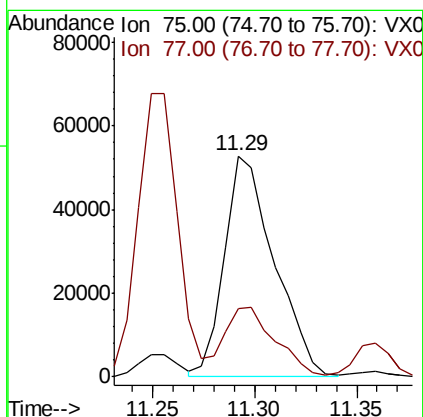
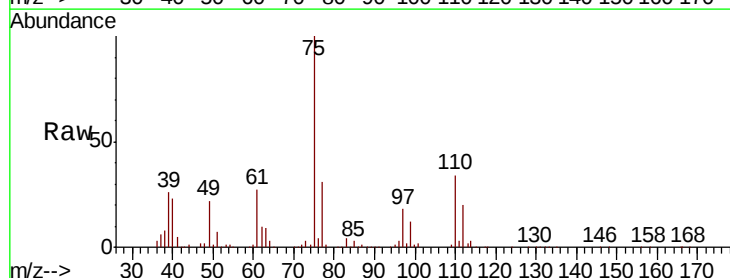
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

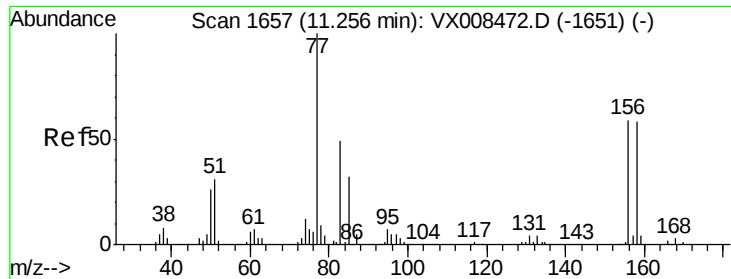
Tot Ion: 83 Resp: 82043
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.4 16.2
 85 63.4 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 25.620 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 75 Resp: 89673
 Ion Ratio Lower Upper
 75 100
 77 32.7 0.0 76.4





#73

Bromobenzene

Concen: 19.054 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

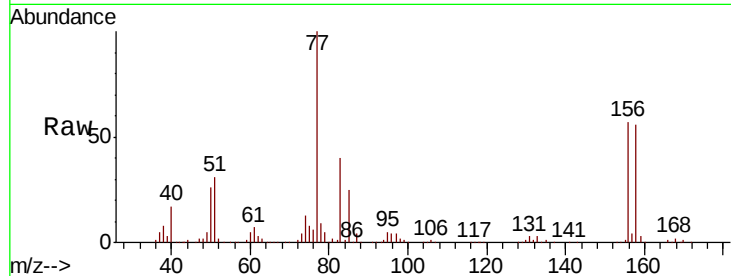
Tot Ion:156 Resp: 50247

Ion Ratio Lower Upper

156 100

77 182.3 0.0 271.4

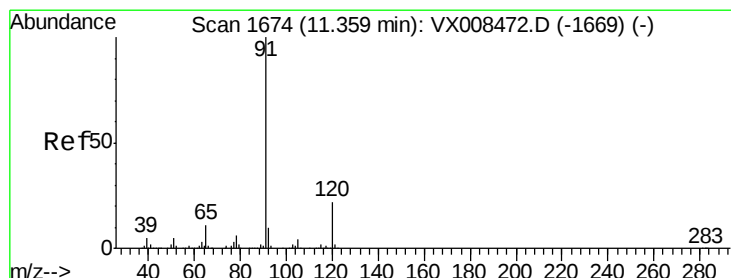
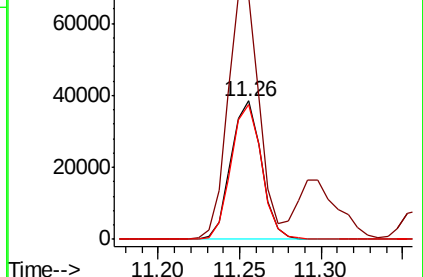
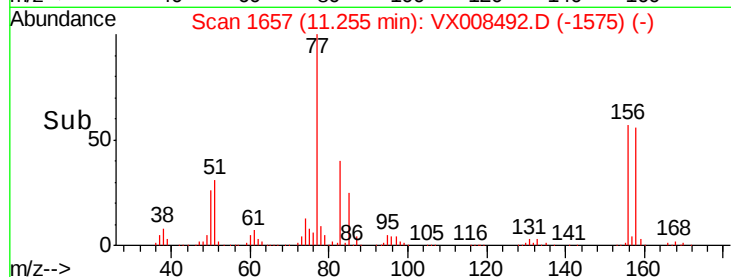
158 97.6 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.929 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008492.D

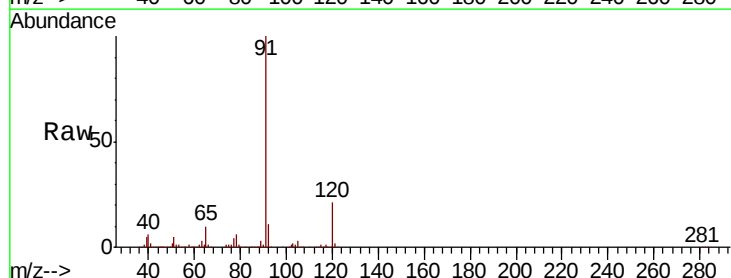
Acq: 27 Mar 2019 18:58

Tgt Ion: 91 Resp: 249949

Ion Ratio Lower Upper

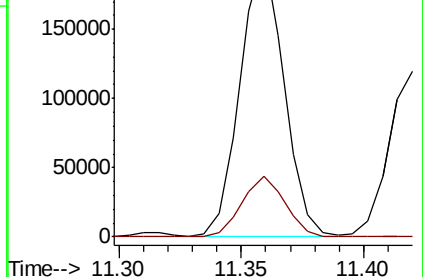
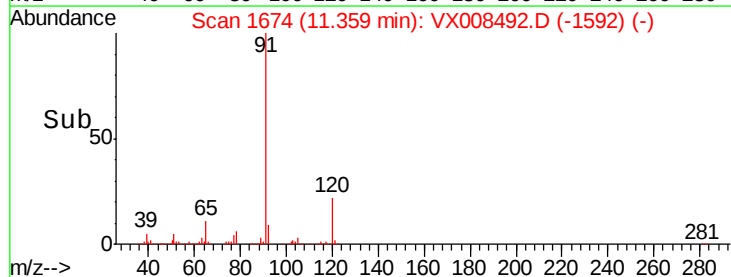
91 100

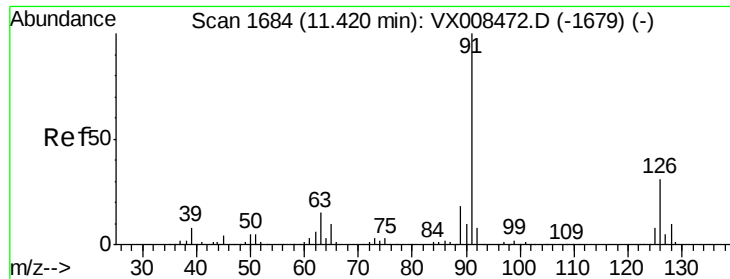
120 21.4 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.196 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

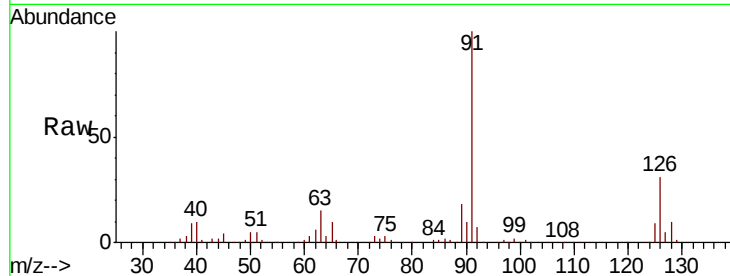
VX0327WBSD01

Tot Ion: 91 Resp: 150805

Ion Ratio Lower Upper

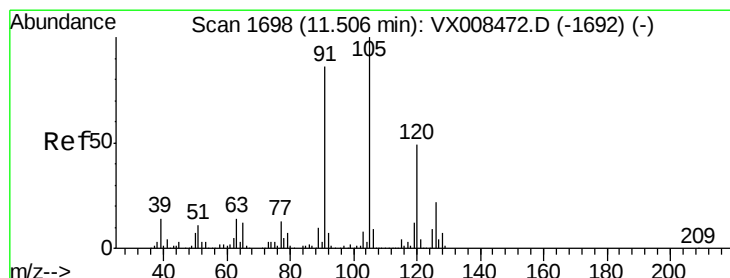
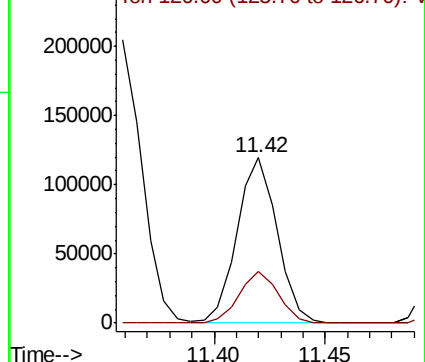
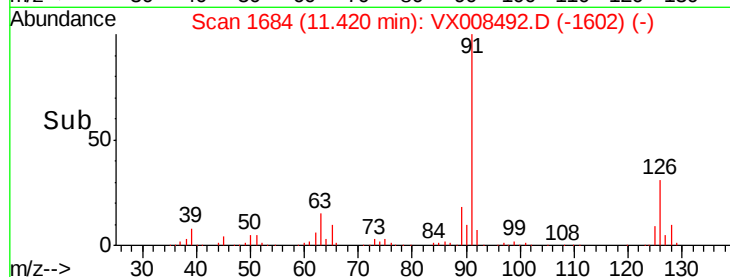
91 100

126 30.9 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.004 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008492.D

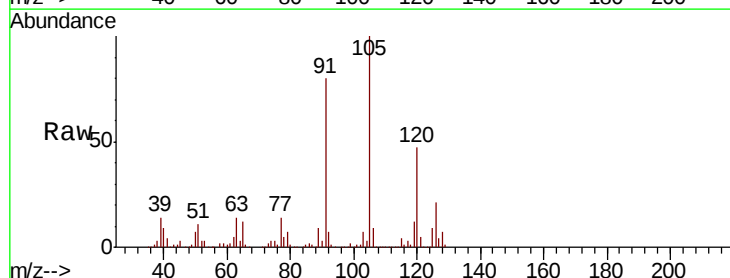
Acq: 27 Mar 2019 18:58

Tgt Ion:105 Resp: 180087

Ion Ratio Lower Upper

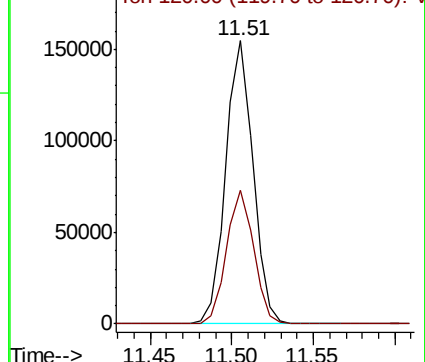
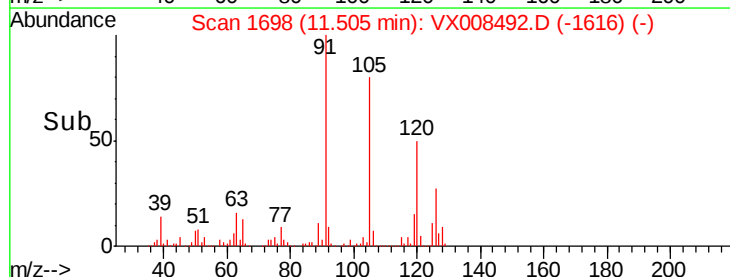
105 100

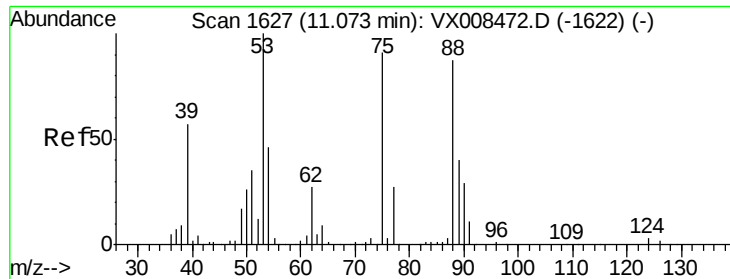
120 47.3 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.615 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

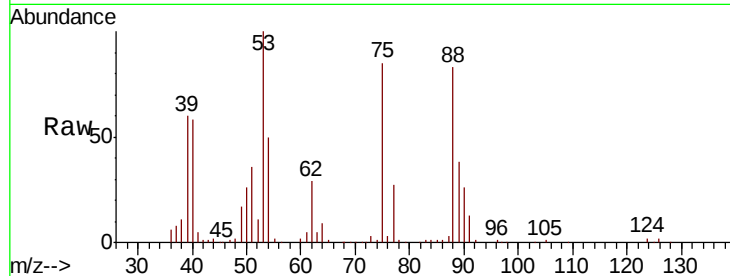
Tot Ion: 75 Resp: 22307

Ion Ratio Lower Upper

75 100

53 117.6 55.5 166.7

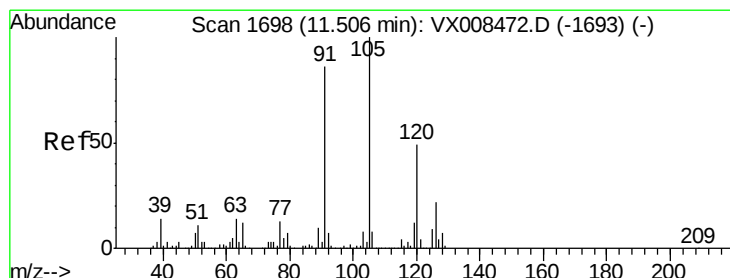
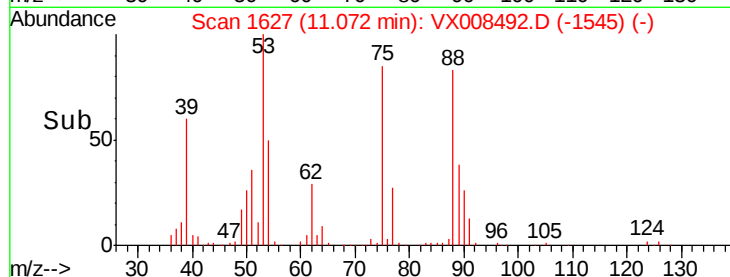
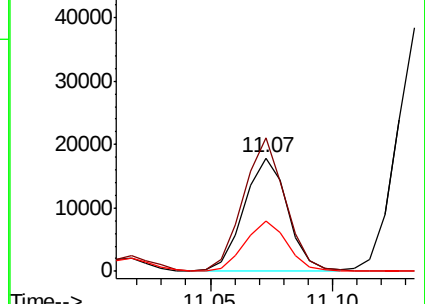
89 44.2 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.771 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX008492.D

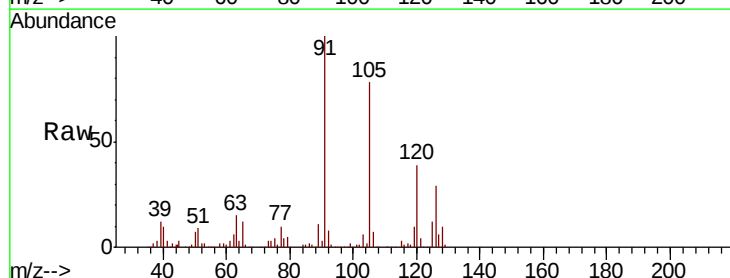
Acq: 27 Mar 2019 18:58

Tgt Ion: 91 Resp: 169723

Ion Ratio Lower Upper

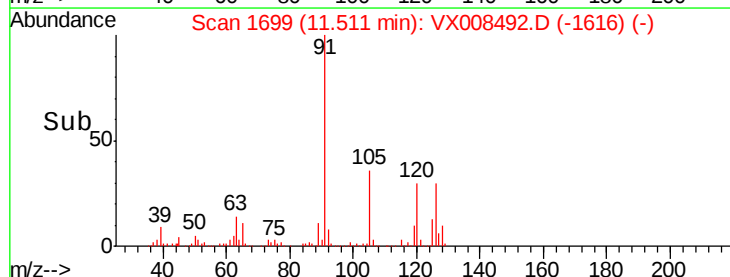
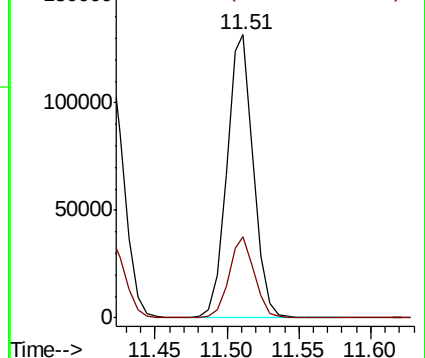
91 100

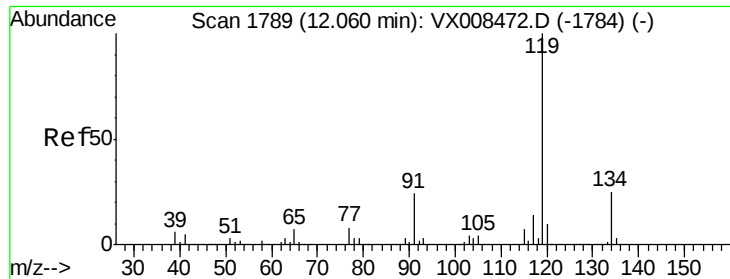
126 27.5 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

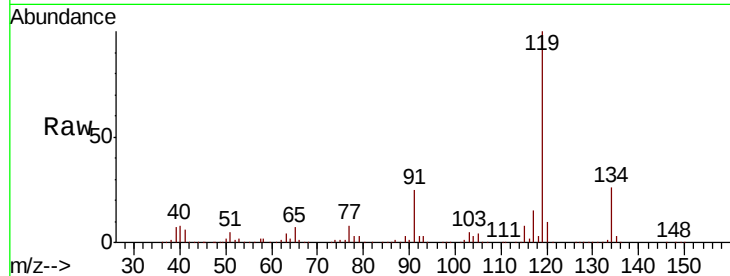




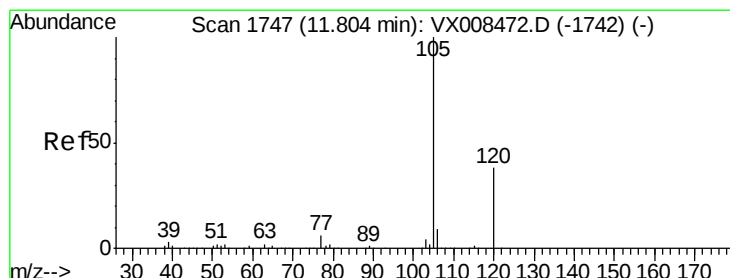
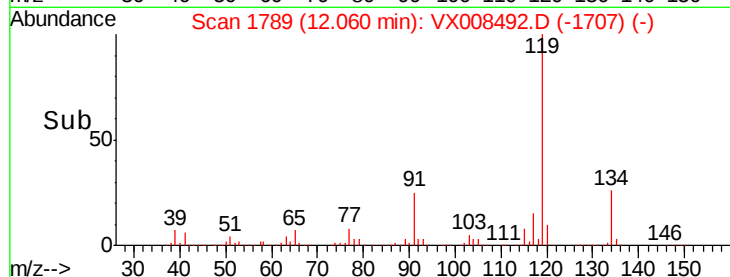
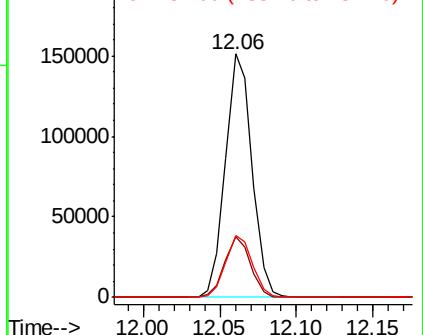
#79
tert-butylbenzene
Concen: 18.698 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion:119 Resp: 181081
Ion Ratio Lower Upper
119 100
91 24.3 0.0 45.0
134 25.6 0.0 55.4

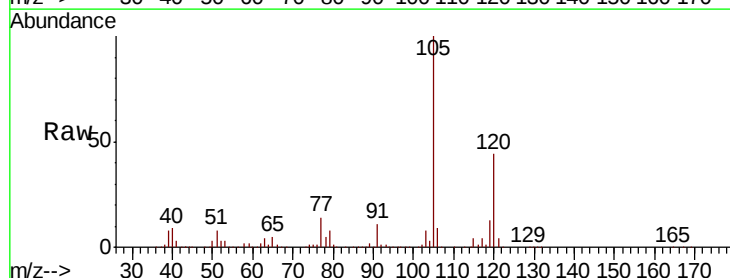


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

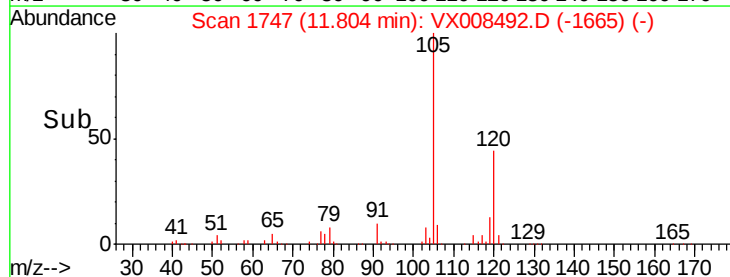
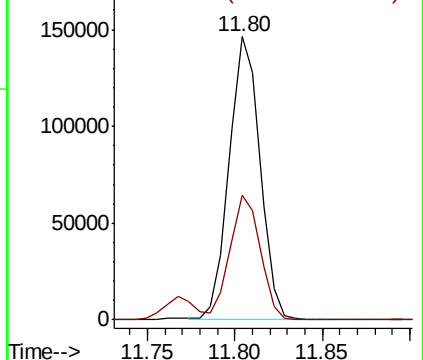


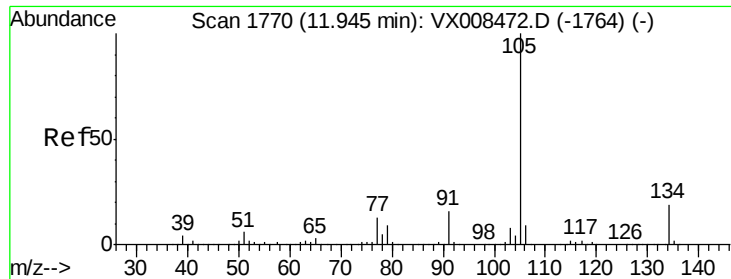
#80
1,2,4-Trimethylbenzene
Concen: 18.998 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion:105 Resp: 179506
Ion Ratio Lower Upper
105 100
120 43.3 0.0 94.0



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





#81

sec-Butylbenzene

Concen: 18.953 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

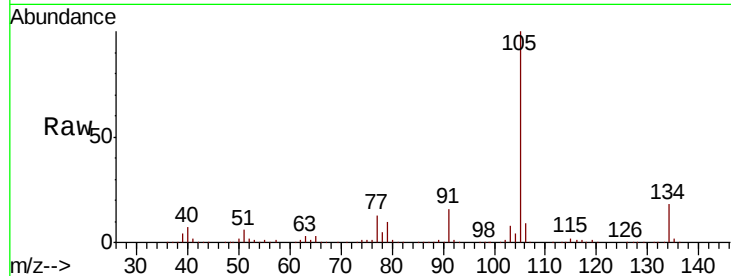
VX0327WBSD01

Tot Ion:105 Resp: 205212

Ion Ratio Lower Upper

105 100

134 18.6 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

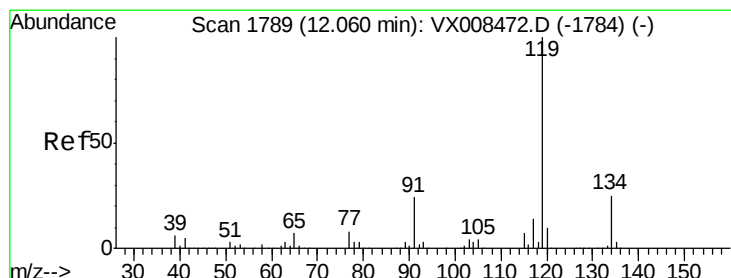
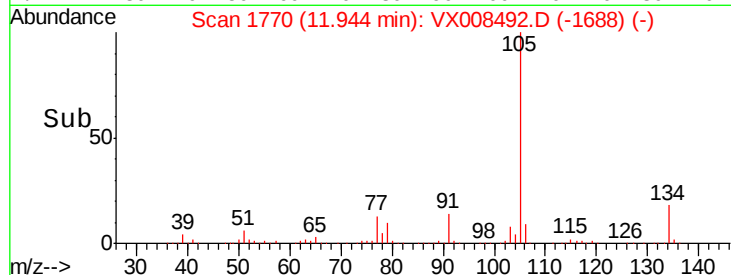
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 18.698 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

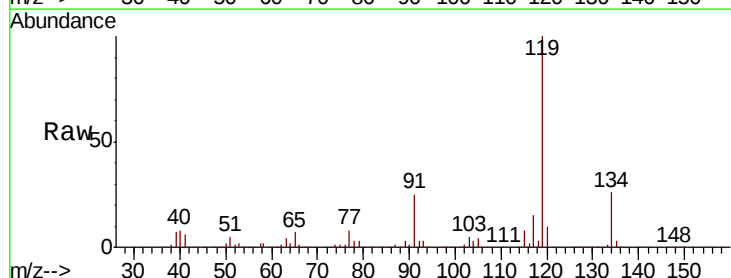
Tgt Ion:119 Resp: 181081

Ion Ratio Lower Upper

119 100

134 25.6 0.0 55.4

91 24.3 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

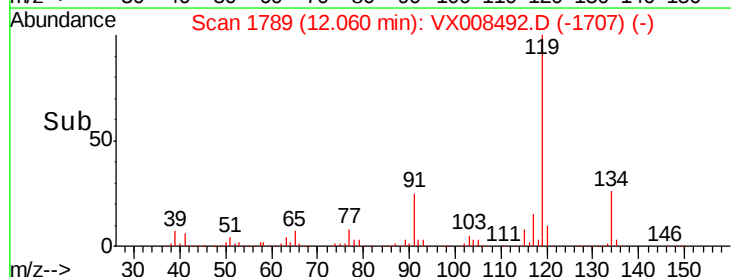
150000

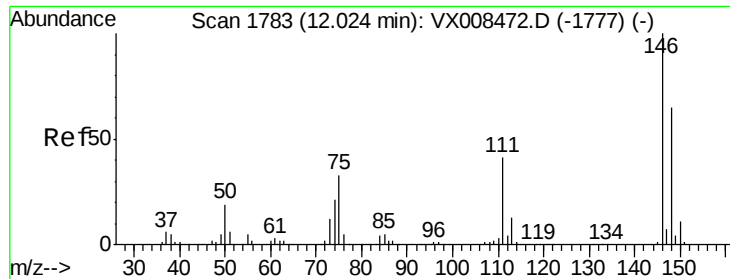
100000

50000

0

Time-->





#83

1,3-Dichlorobenzene

Concen: 18.802 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

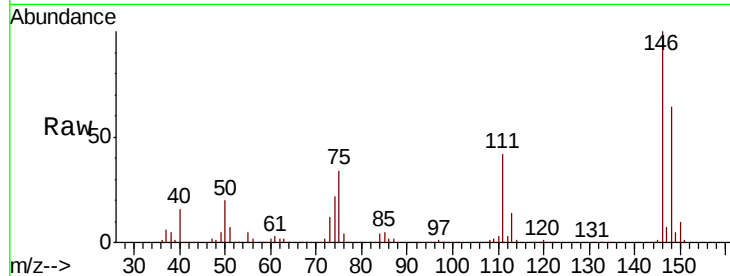
Tot Ion:146 Resp: 88027

Ion Ratio Lower Upper

146 100

111 41.5 18.8 56.3

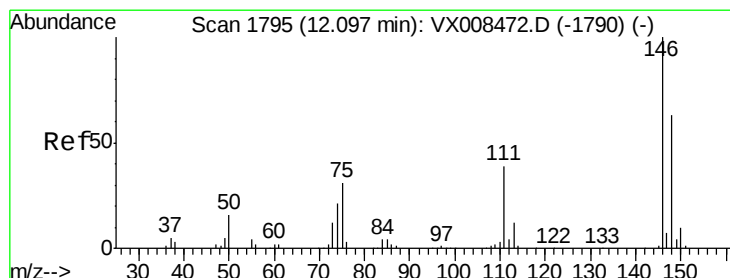
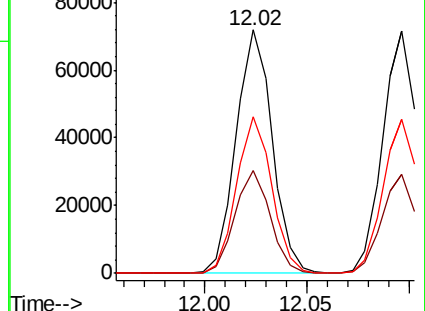
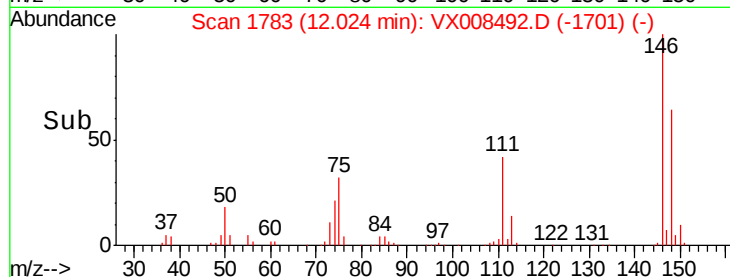
148 63.0 30.6 91.8



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



#84

1,4-Dichlorobenzene

Concen: 18.642 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008492.D

Acq: 27 Mar 2019 18:58

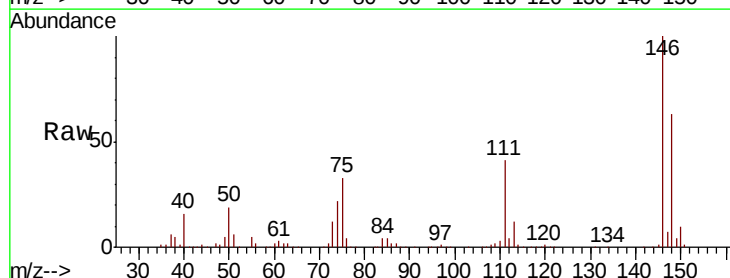
Tgt Ion:146 Resp: 87216

Ion Ratio Lower Upper

146 100

111 40.6 17.6 52.8

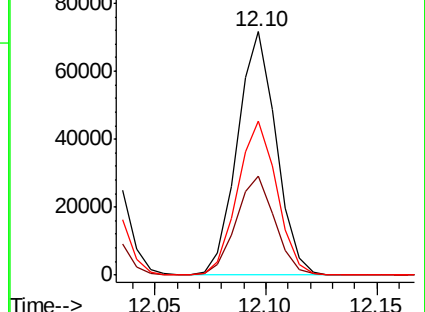
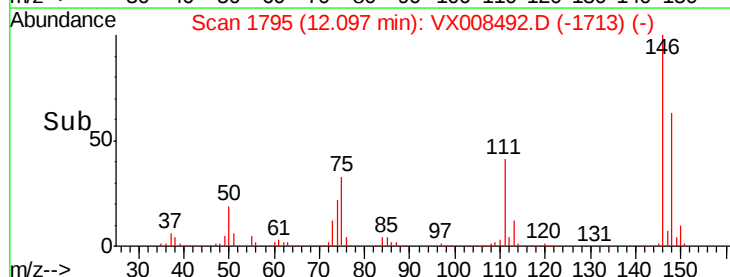
148 63.4 31.4 94.2

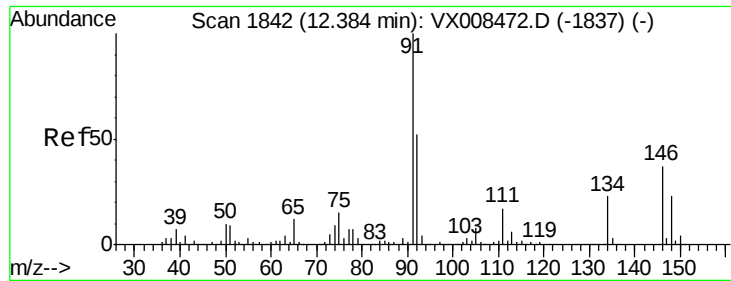


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

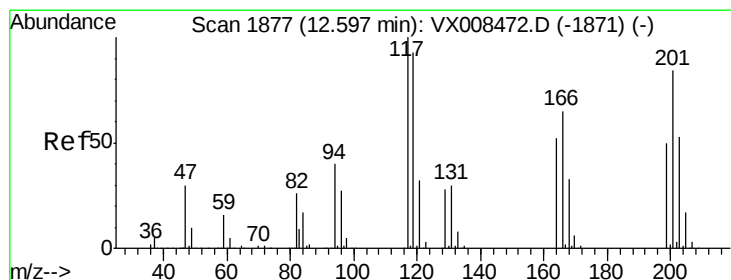
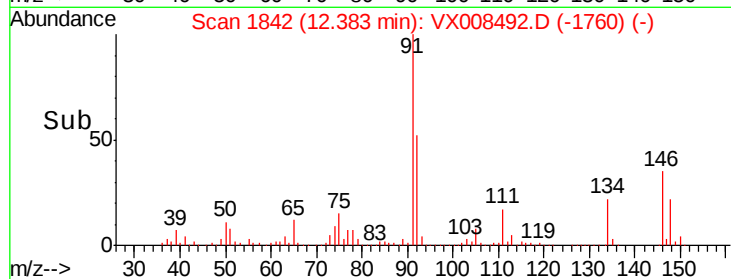
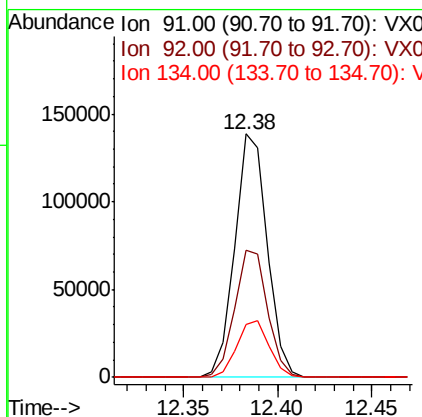
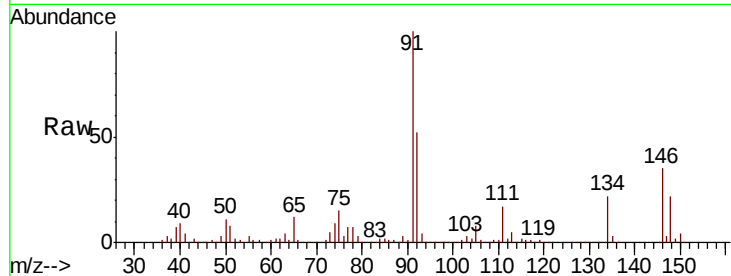




#85
n-Butylbenzene
Concen: 17.962 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

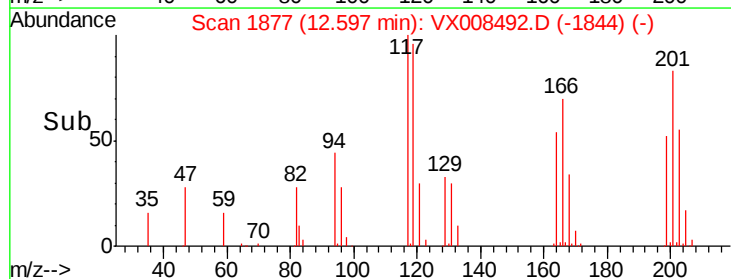
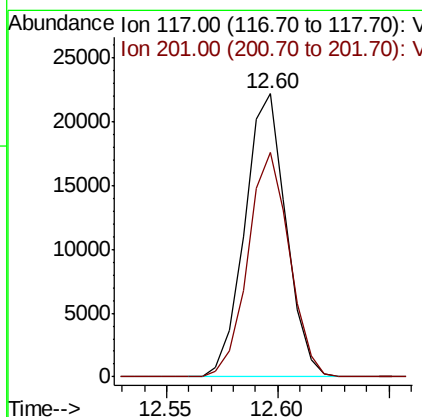
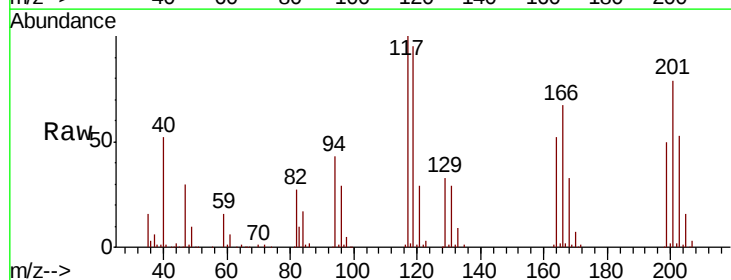
Instrument :
MSVOA_X
ClientSampled :
VX0327WBSD01

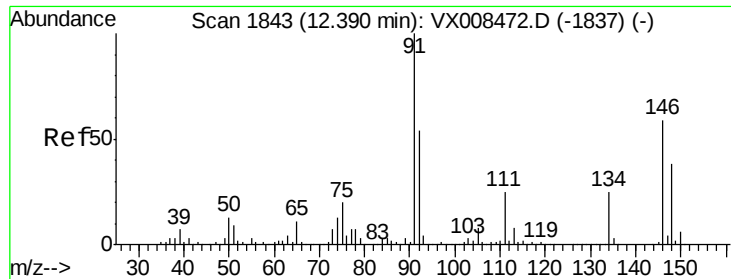
Tot Ion: 91 Resp: 165275
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.2
134 23.4 0.0 56.4



#86
Hexachloroethane
Concen: 17.740 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion: 117 Resp: 28704
Ion Ratio Lower Upper
117 100
201 79.5 41.1 123.3

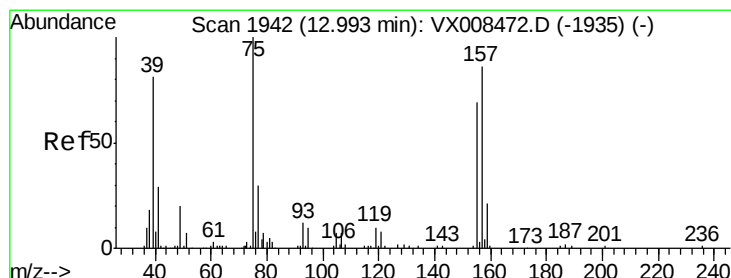
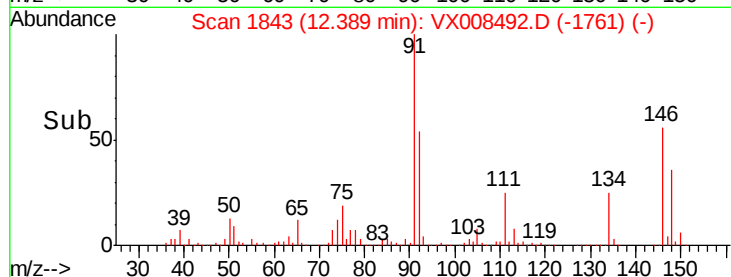
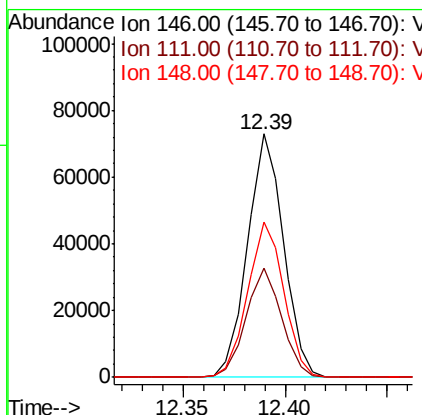
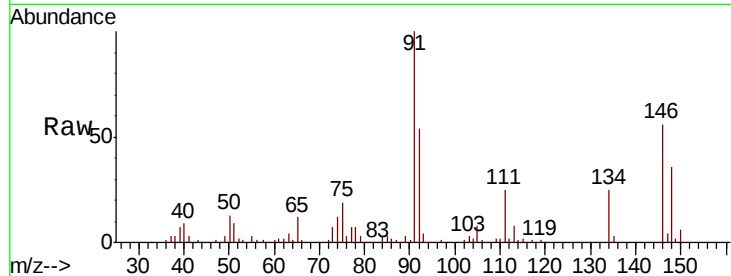




#87
 1,2-Dichlorobenzene
 Concen: 19.039 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

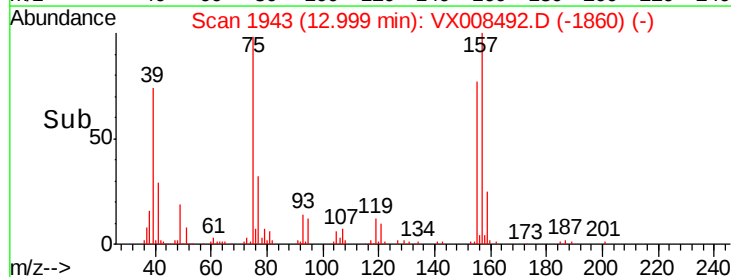
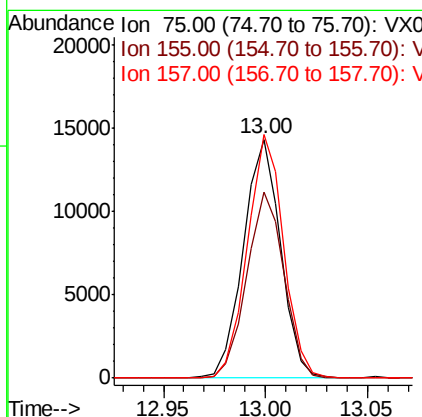
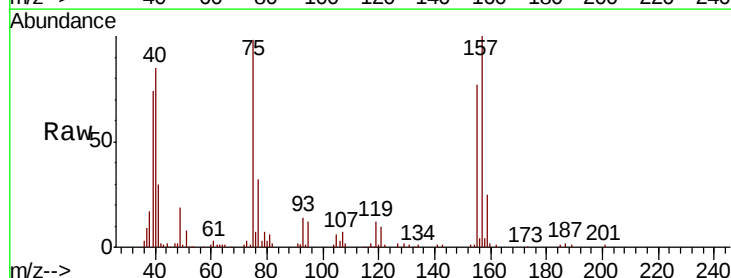
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

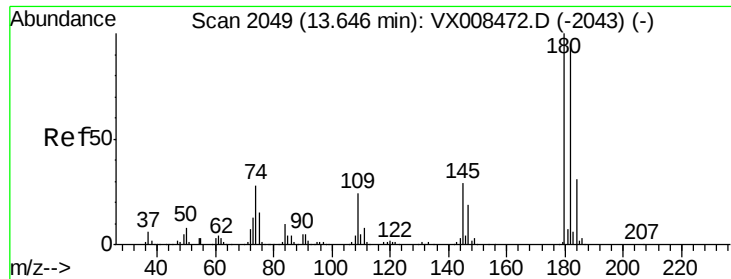
Tot Ion:146 Resp: 89814
 Ion Ratio Lower Upper
 146 100
 111 44.2 19.3 57.8
 148 64.1 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.807 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion: 75 Resp: 18178
 Ion Ratio Lower Upper
 75 100
 155 78.2 81.0 121.6#
 157 99.4 103.2 154.8#

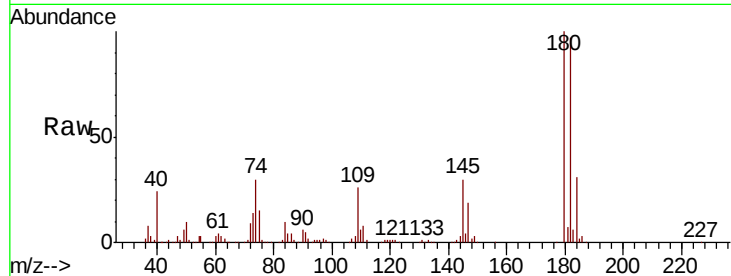




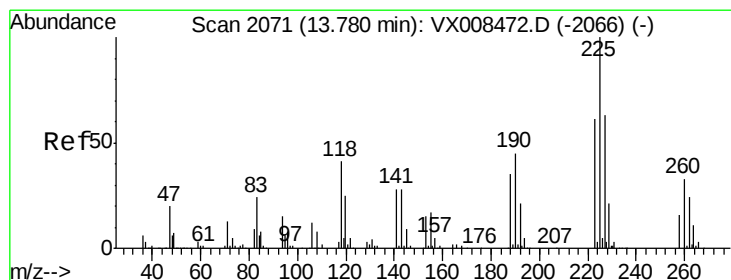
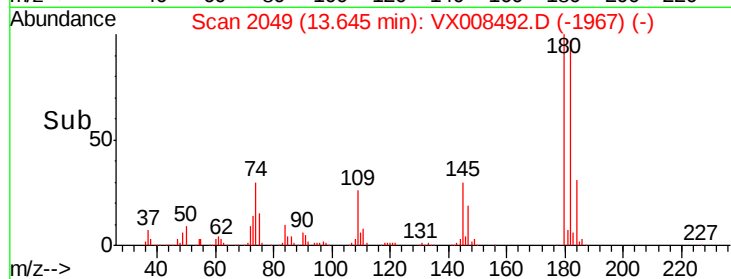
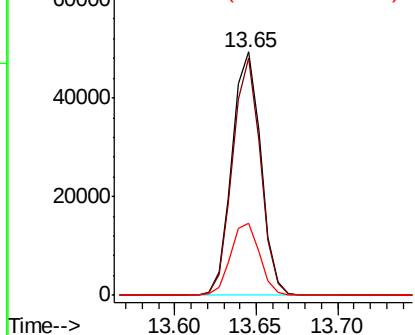
#89
 1,2,4-Trichlorobenzene
 Concen: 18.660 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion:180 Resp: 60720
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.6 113.4
 145 29.7 23.0 34.6

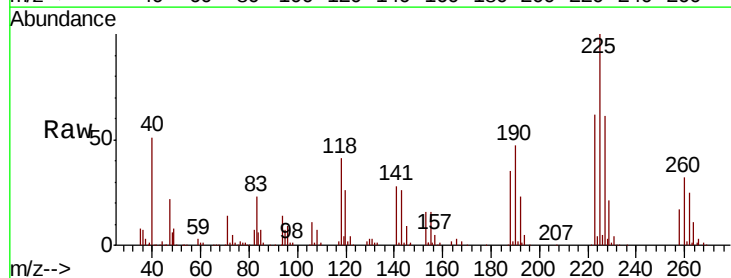


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

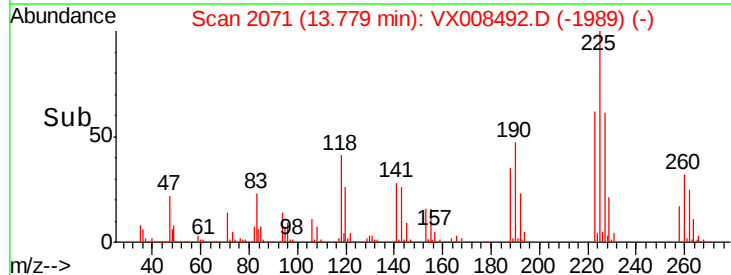
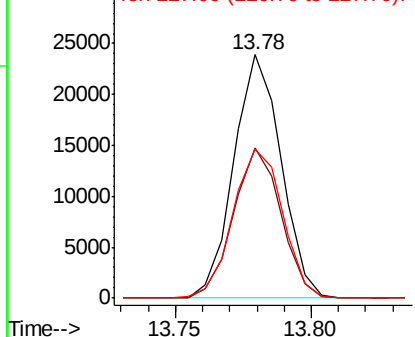


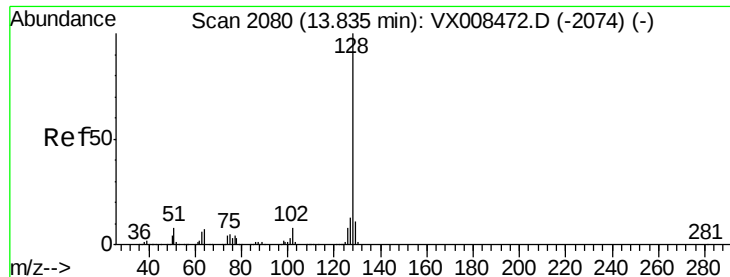
#90
 Hexachlorobutadiene
 Concen: 18.358 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008492.D
 Acq: 27 Mar 2019 18:58

Tgt Ion:225 Resp: 28778
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 123.8
 227 64.3 0.0 124.4



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

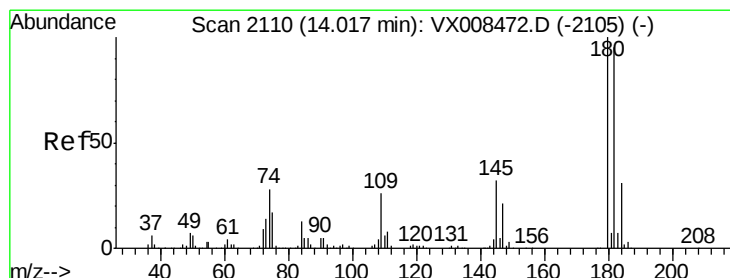
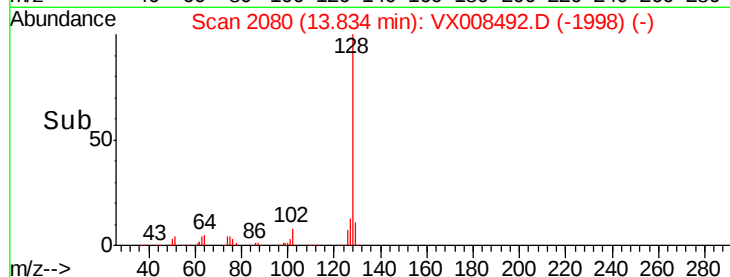
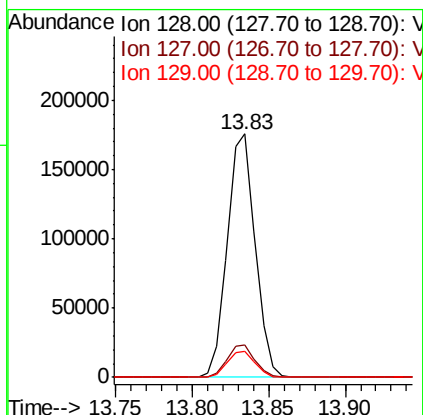
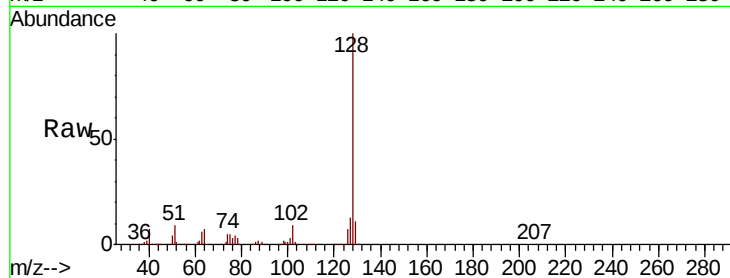




#91
Naphthalene
Concen: 19.939 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion:128 Resp: 222293
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.491 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008492.D
Acq: 27 Mar 2019 18:58

Tgt Ion:180 Resp: 63888
Ion Ratio Lower Upper
180 100
182 94.5 0.0 193.0
145 32.6 0.0 63.0

