

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008572.D
 Acq On : 01 Apr 2019 16:33
 Operator : JC/SP
 Sample : VX0401WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 01:12:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128121	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129968	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	97000	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	384106	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.13	95	142540	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33208	15.507	ug/l	98
3) Chloromethane	1.32	50	46105	16.631	ug/l	98
4) Vinyl Chloride	1.40	62	46774	15.644	ug/l	98
5) Bromomethane	1.64	94	12708	9.613	ug/l	99
6) Chloroethane	1.71	64	33778	19.070	ug/l	100
7) Trichlorofluoromethane	1.93	101	55050	16.257	ug/l	99
8) Diethyl Ether	2.18	74	27653	17.255	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35824	17.505	ug/l	99
10) Methyl Iodide	2.51	142	10623	9.023	ug/l	98
11) Tert butyl alcohol	3.04	59	59952	98.248	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36388	17.217	ug/l	97
13) Acrolein	2.29	56	25292	57.076	ug/l	96
14) Allyl chloride	2.73	41	82003	17.611	ug/l	99
15) Acrylonitrile	3.14	53	149141	93.208	ug/l	99
16) Acetone	2.44	43	130531	90.679	ug/l	99
17) Carbon Disulfide	2.57	76	100915	16.384	ug/l	98
18) Methyl Acetate	2.77	43	66990	19.377	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	141481	18.576	ug/l	100
20) Methylene Chloride	2.85	84	45297	18.882	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38469	18.093	ug/l	94
22) Diisopropyl ether	3.85	45	170499	18.596	ug/l	97
23) Vinyl Acetate	3.81	43	748265	93.544	ug/l	100
24) 1,1-Dichloroethane	3.70	63	83290	17.994	ug/l	100
25) 2-Butanone	4.67	43	221190	95.846	ug/l	99
26) 2,2-Dichloropropane	4.58	77	54064	17.561	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	46321	17.923	ug/l	99
28) Bromochloromethane	5.02	49	43478	19.012	ug/l	99
29) Tetrahydrofuran	5.13	42	146605	96.388	ug/l	99
30) Chloroform	5.21	83	76131	18.225	ug/l	100
31) Cyclohexane	5.58	56	75692	17.146	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61046	18.282	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56612	17.221	ug/l	99
37) Ethyl Acetate	4.84	43	82393	19.347	ug/l	99
38) Carbon Tetrachloride	5.79	117	49602	18.081	ug/l	97

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 Data File : VX008572.D
 Acq On : 01 Apr 2019 16:33
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 Sample : VX0401WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 01:12:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67867	17.275	ug/l	98
40) Benzene	6.14	78	181369	18.429	ug/l	99
41) Methacrylonitrile	5.04	41	46100	19.262	ug/l	99
42) 1,2-Dichloroethane	6.19	62	64996	18.038	ug/l	100
43) Isopropyl Acetate	6.45	43	129101	18.953	ug/l	100
44) Trichloroethene	7.21	130	40797	17.655	ug/l	98
45) 1,2-Dichloropropane	7.51	63	51495	18.409	ug/l	99
46) Dibromomethane	7.66	93	29389	17.991	ug/l	98
47) Bromodichloromethane	7.90	83	57975	18.542	ug/l	99
48) Methyl methacrylate	7.77	41	64885	19.037	ug/l	98
49) 1,4-Dioxane	7.74	88	25455	375.612	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	437672	98.924	ug/l	100
52) Toluene	8.78	92	107186	18.215	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62078	18.127	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70158	18.016	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44662	18.645	ug/l	98
56) Ethyl methacrylate	9.18	69	80718	18.668	ug/l	98
57) 1,3-Dichloropropane	9.37	76	79305	18.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	222039	99.343	ug/l	100
59) 2-Hexanone	9.49	43	338854	98.843	ug/l	99
60) Dibromochloromethane	9.58	129	42018	18.445	ug/l	97
61) 1,2-Dibromoethane	9.67	107	45042	18.426	ug/l	100
64) Tetrachloroethene	9.34	164	34656	18.429	ug/l	98
65) Chlorobenzene	10.14	112	109071	18.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38457	18.453	ug/l	99
67) Ethyl Benzene	10.25	91	207416	18.194	ug/l	100
68) m/p-Xylenes	10.36	106	146898	35.419	ug/l	99
69) o-Xylene	10.69	106	74076	18.405	ug/l	98
70) Styrene	10.71	104	125672	18.077	ug/l	100
71) Bromoform	10.85	173	29542	17.949	ug/l #	99
73) Isopropylbenzene	11.02	105	194040	18.616	ug/l	100
74) N-amyl acetate	10.90	43	116459	19.303	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76896	19.014	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	83561	21.938	ug/l	82
77) Bromobenzene	11.26	156	46198	18.262	ug/l	99
78) n-propylbenzene	11.36	91	222117	18.191	ug/l	100
79) 2-Chlorotoluene	11.42	91	136680	18.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	162887	18.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20412	17.164	ug/l	93
82) 4-Chlorotoluene	11.51	91	153229	17.887	ug/l	99
83) tert-Butylbenzene	11.77	119	155800	18.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	162643	18.248	ug/l	100
85) sec-Butylbenzene	11.94	105	185778	18.349	ug/l	100
86) p-Isopropyltoluene	12.06	119	165110	18.482	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80416	17.792	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80336	17.611	ug/l	98
89) n-Butylbenzene	12.38	91	149822	17.703	ug/l	100
90) Hexachloroethane	12.60	117	26395	17.735	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84305	18.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16582	18.804	ug/l	99

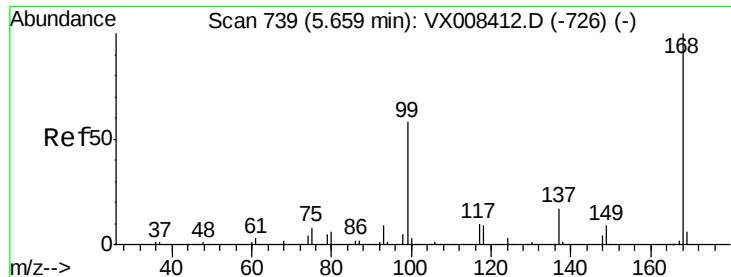
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040119\
Data File : VX008572.D
Acq On : 01 Apr 2019 16:33
Operator : JC/SP
Sample : VX0401WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 01:12:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55847	18.326	ug/l	99
94) Hexachlorobutadiene	13.78	225	27130	18.749	ug/l	100
95) Naphthalene	13.83	128	206342	19.750	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	58518	19.110	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

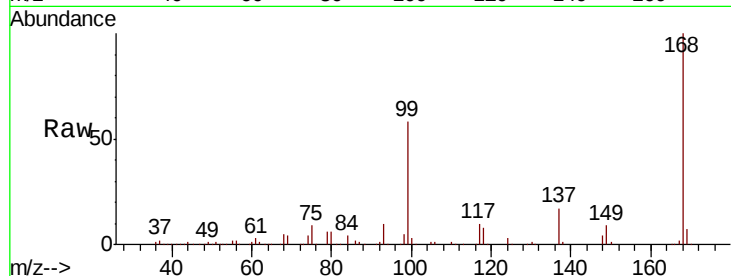
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 181672

Ion Ratio Lower Upper

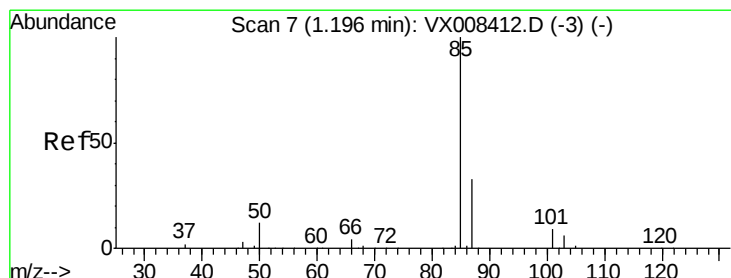
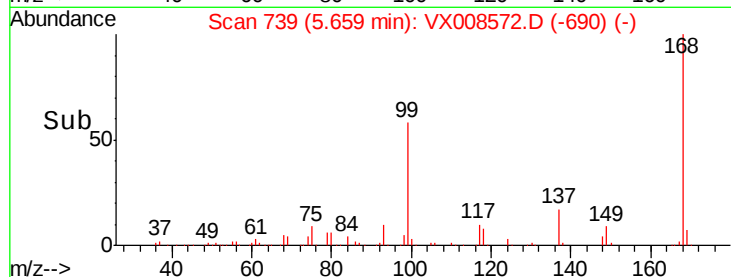
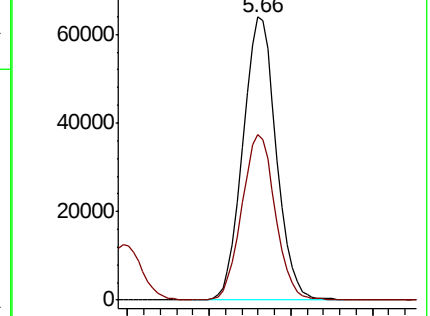
168 100

99 58.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.507 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008572.D

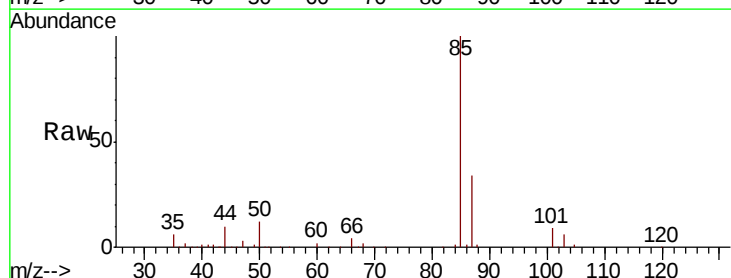
Acq: 01 Apr 2019 16:33

Tgt Ion: 85 Resp: 33208

Ion Ratio Lower Upper

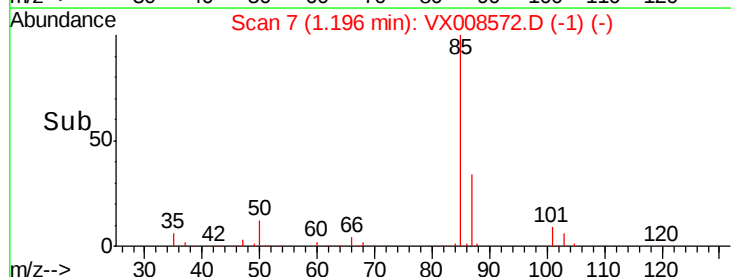
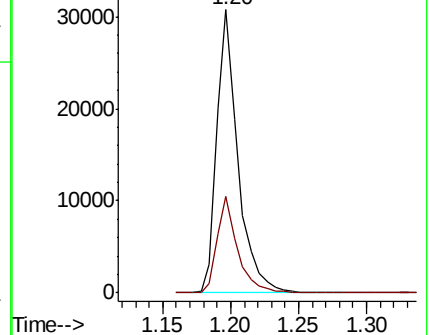
85 100

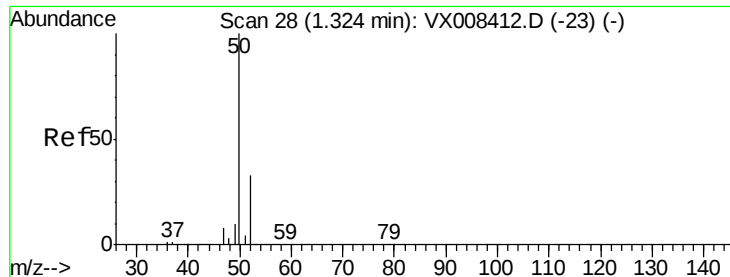
87 34.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.631 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

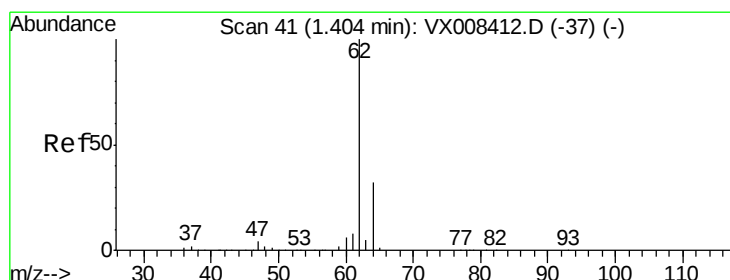
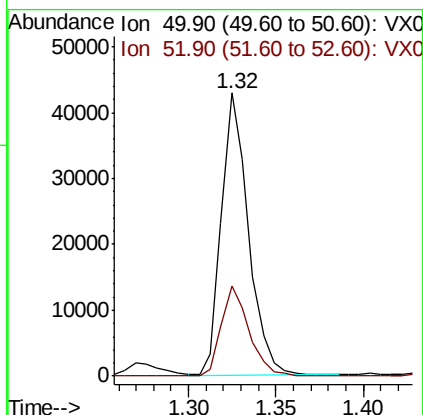
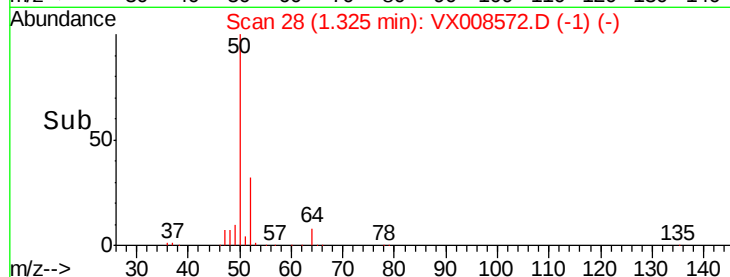
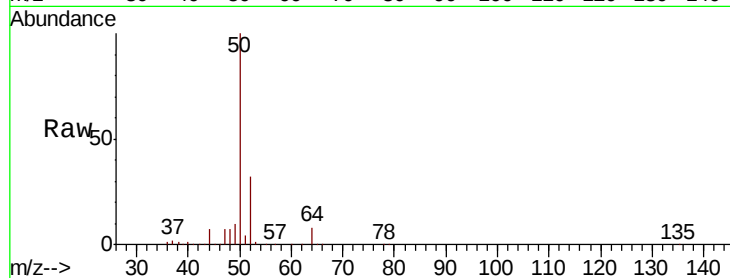
ClientSampleId :

Tot Ion: 50 Resp: 46105

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 15.644 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008572.D

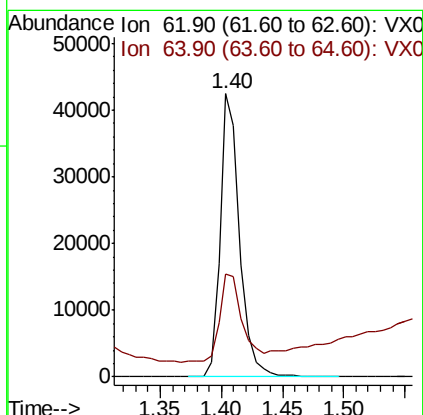
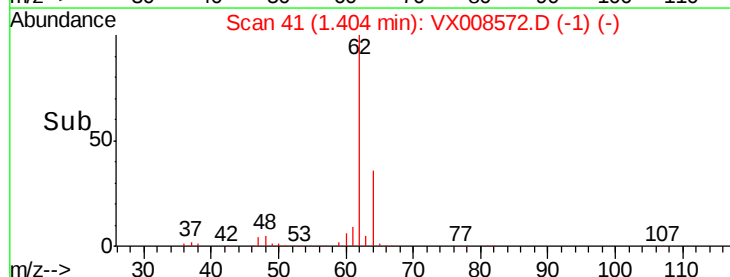
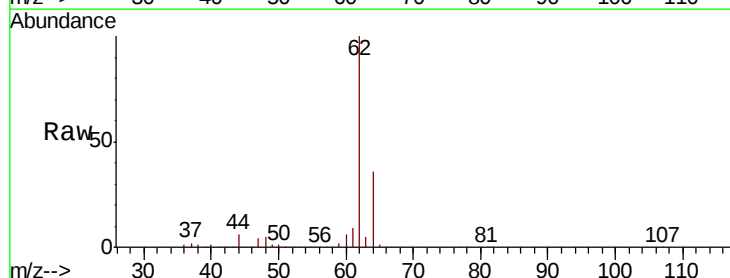
Acq: 01 Apr 2019 16:33

Tgt Ion: 62 Resp: 46774

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 9.613 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

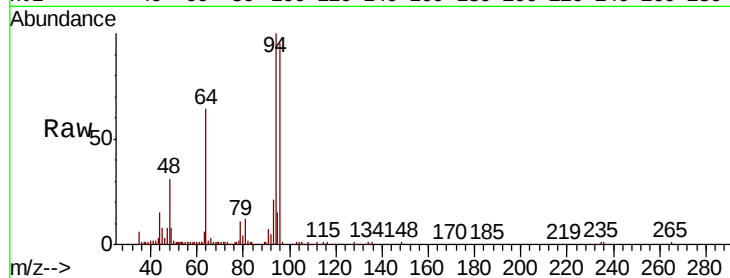
ClientSampleId :

Tot Ion: 94 Resp: 12708

Ion Ratio Lower Upper

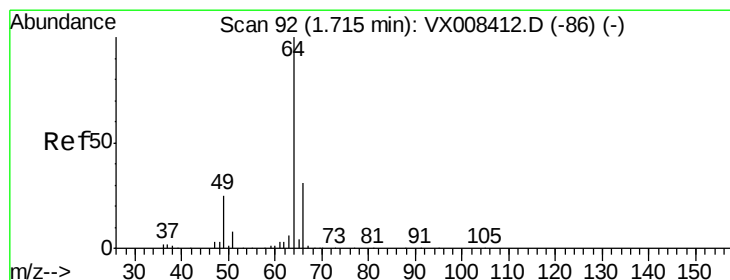
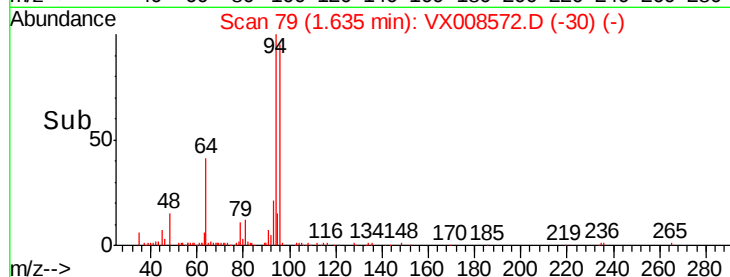
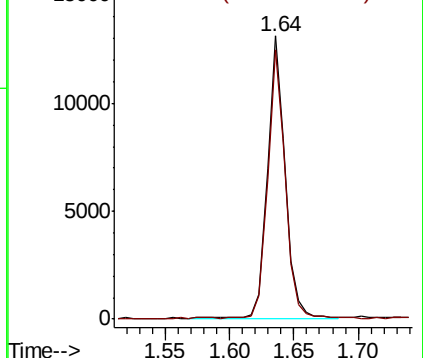
94 100

96 94.9 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.070 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008572.D

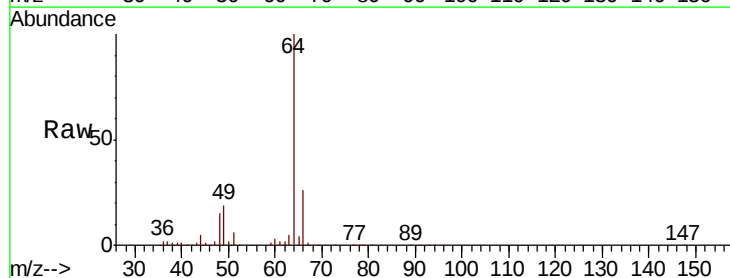
Acq: 01 Apr 2019 16:33

Tgt Ion: 64 Resp: 33778

Ion Ratio Lower Upper

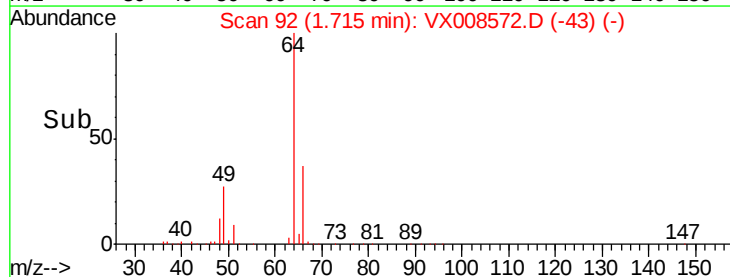
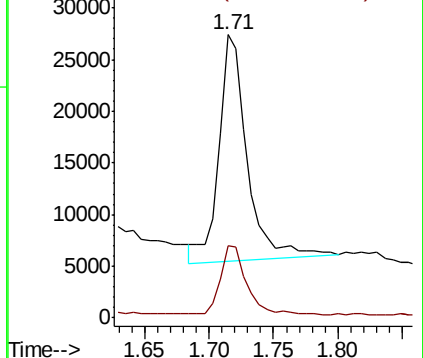
64 100

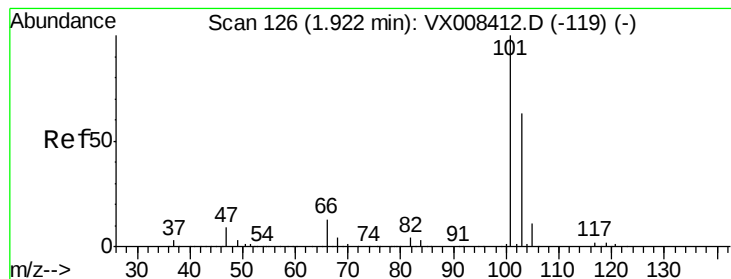
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



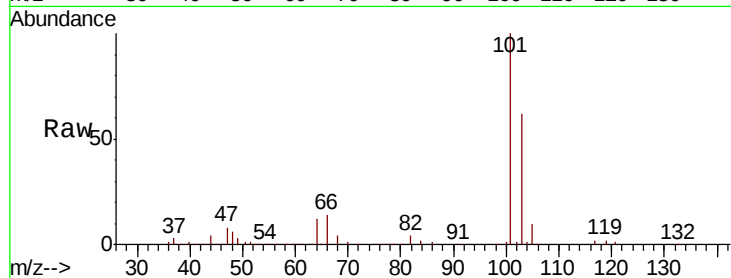


#7

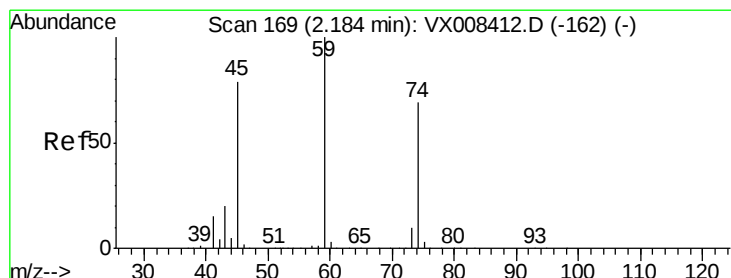
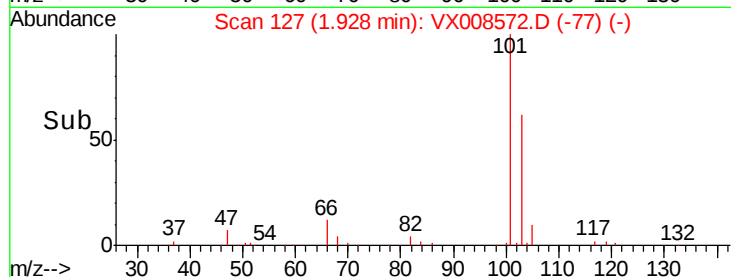
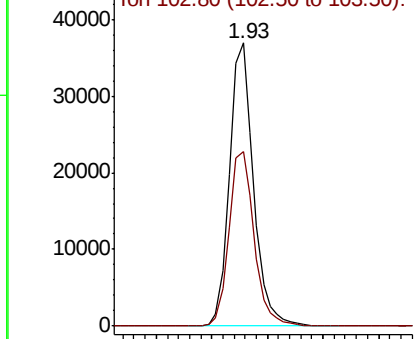
Trichlorofluoromethane
 Concen: 16.257 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 55050
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.2 75.4



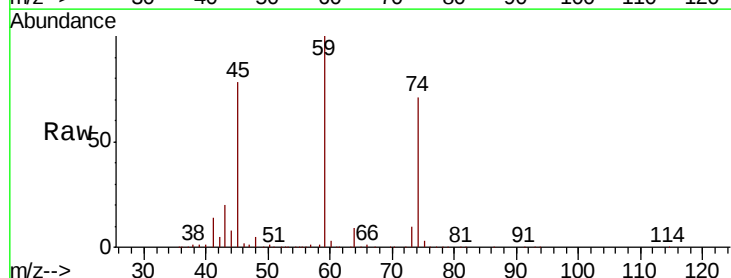
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



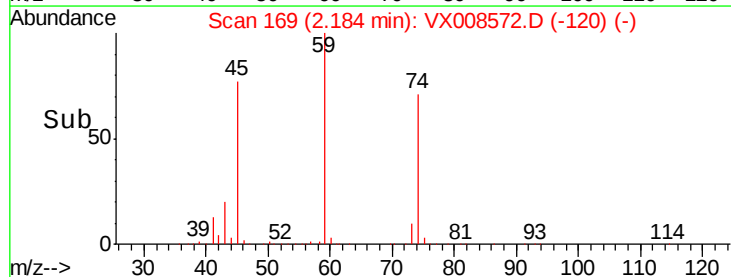
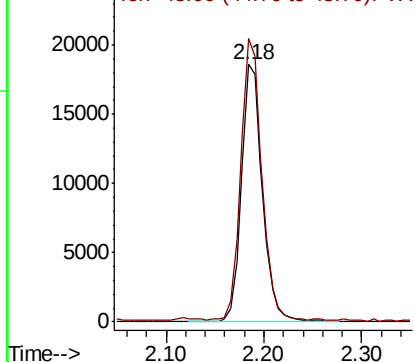
#8

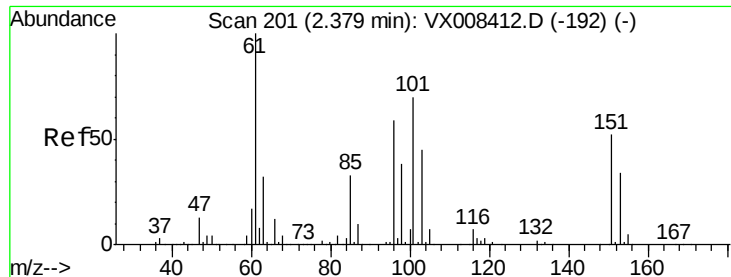
Diethyl Ether
 Concen: 17.255 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 74 Resp: 27653
 Ion Ratio Lower Upper
 74 100
 45 109.0 56.4 169.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.505 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

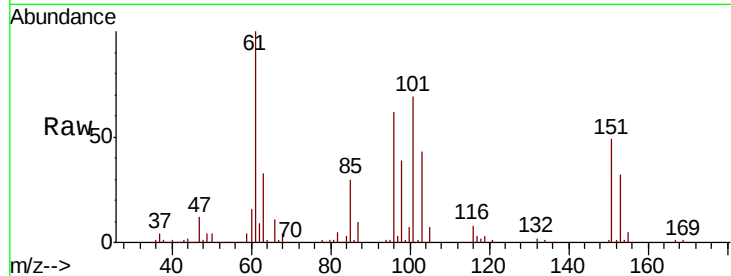
Tot Ion:101 Resp: 35824

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

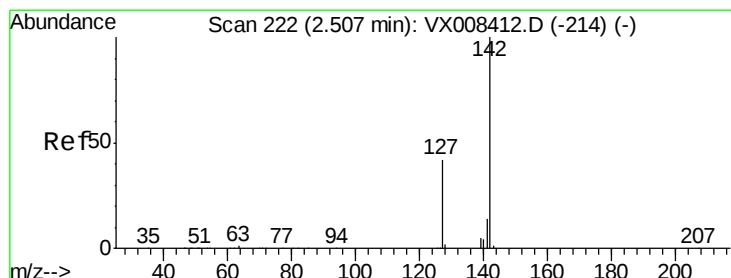
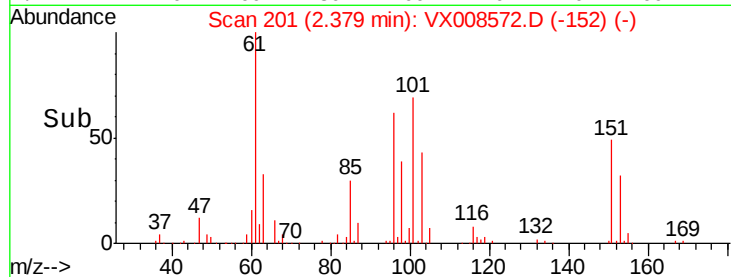
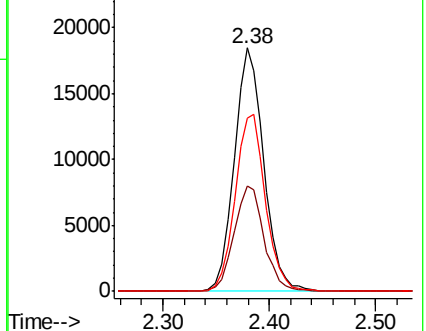
151 74.6 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.023 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

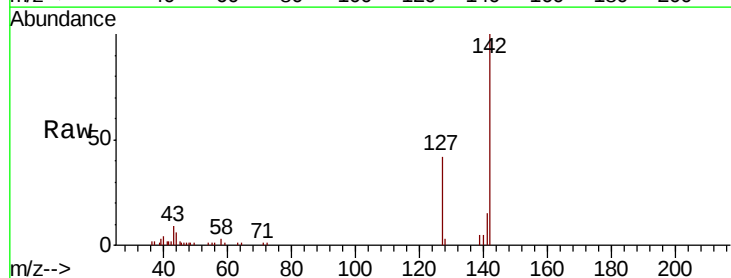
Tgt Ion:142 Resp: 10623

Ion Ratio Lower Upper

142 100

127 40.5 33.6 50.4

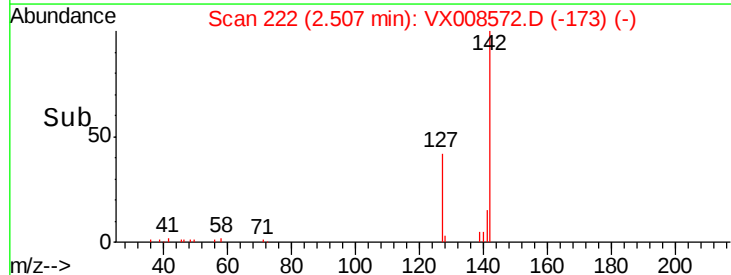
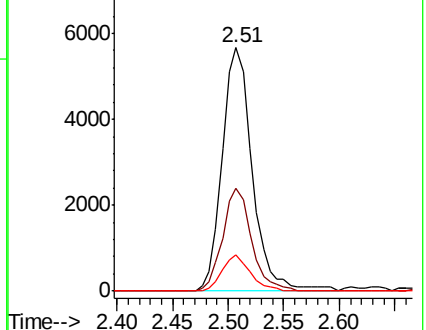
141 14.0 11.3 16.9

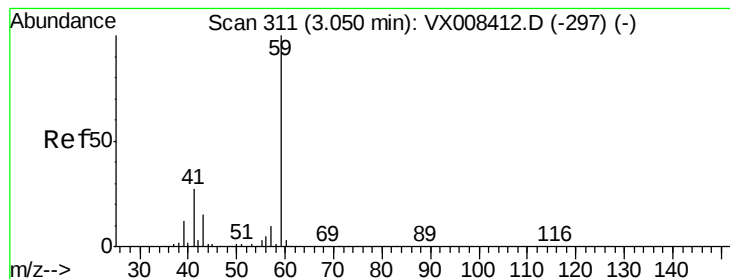


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



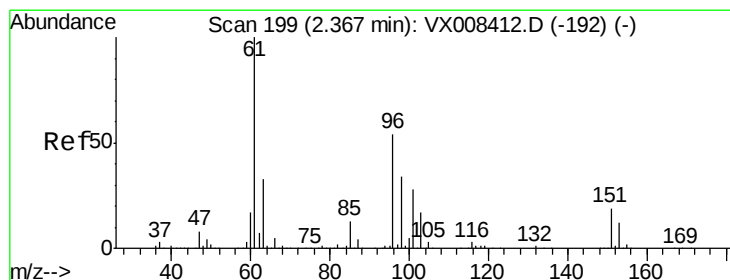
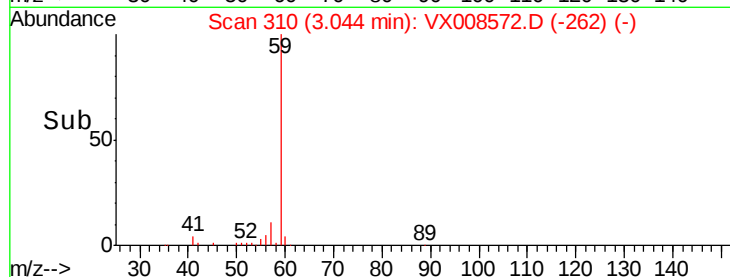
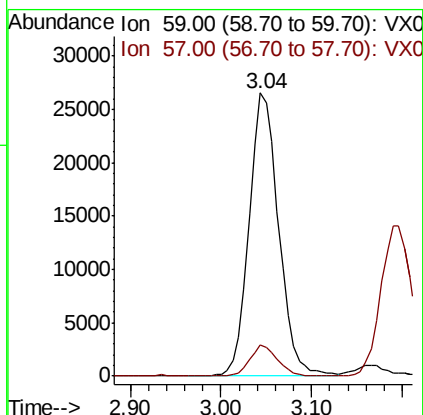
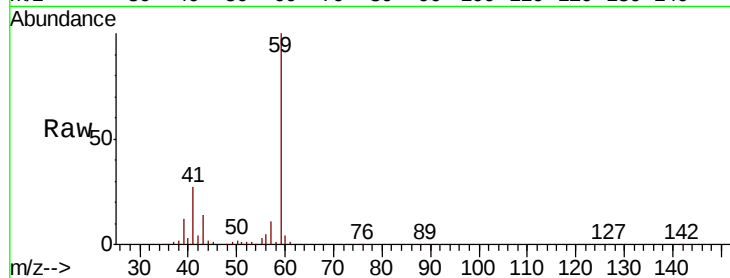


#11

Tert butyl alcohol
 Concen: 98.248 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampled :

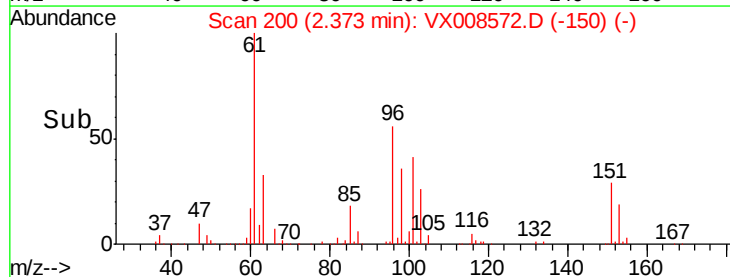
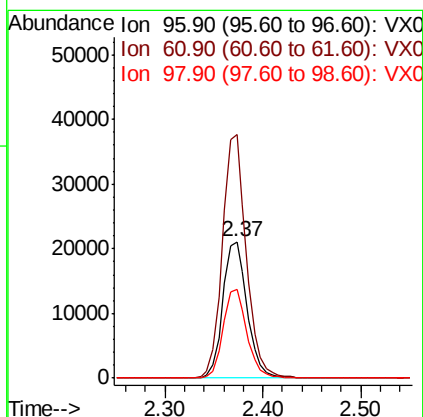
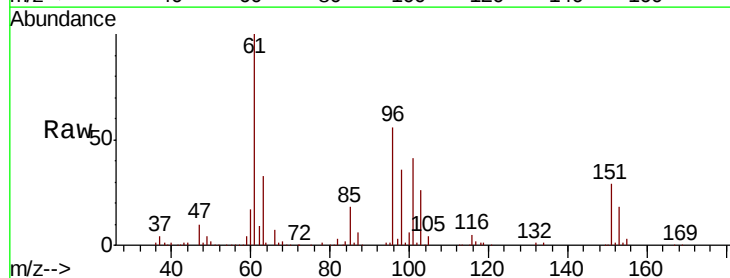
Tot Ion: 59 Resp: 59952
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

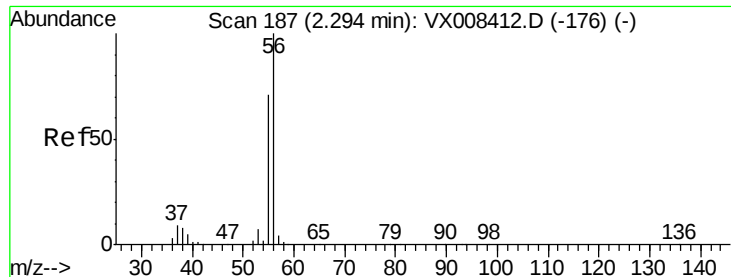


#12

1,1-Dichloroethene
 Concen: 17.217 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 96 Resp: 36388
 Ion Ratio Lower Upper
 96 100
 61 178.3 146.9 220.3
 98 64.7 50.1 75.1





#13

Acrolein

Concen: 57.076 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

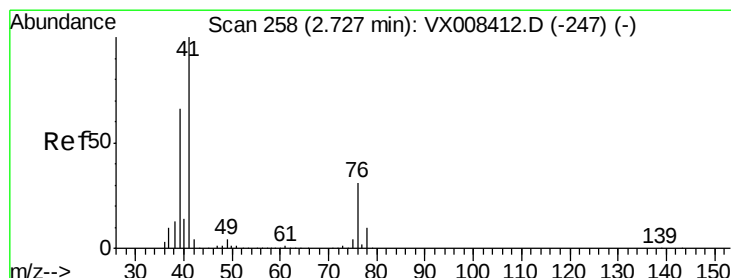
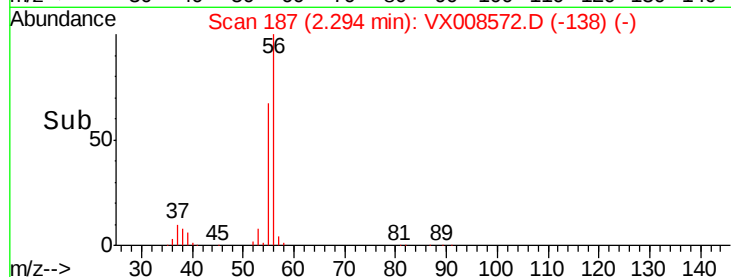
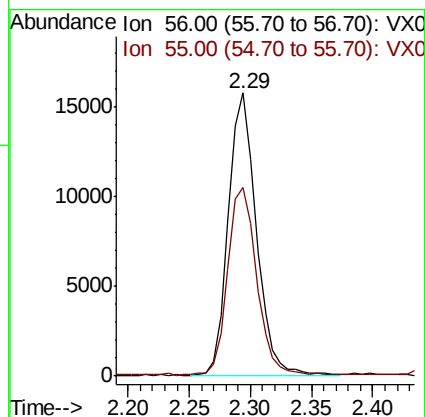
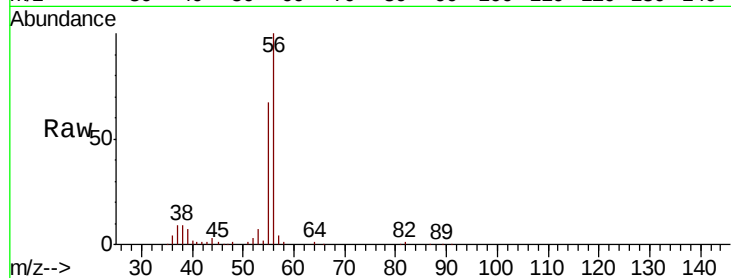
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 25292

Ion Ratio Lower Upper

56 100

55 67.7 56.5 84.7



#14

Allyl chloride

Concen: 17.611 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

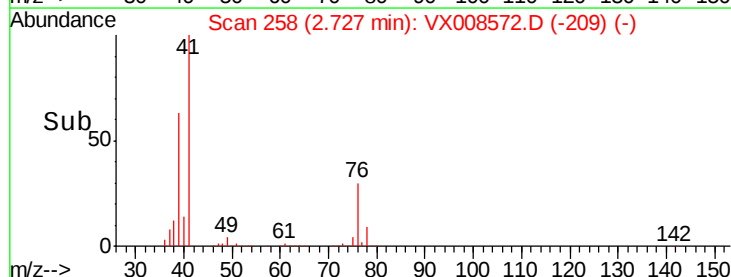
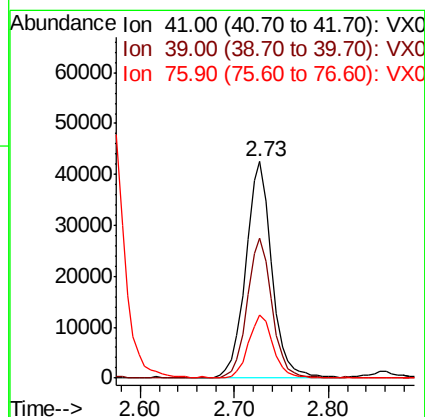
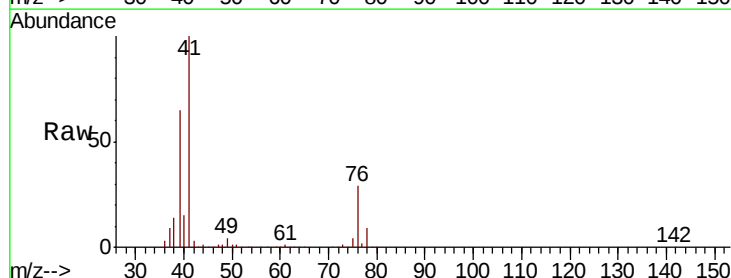
Tgt Ion: 41 Resp: 82003

Ion Ratio Lower Upper

41 100

39 61.6 49.6 74.4

76 27.4 22.6 34.0

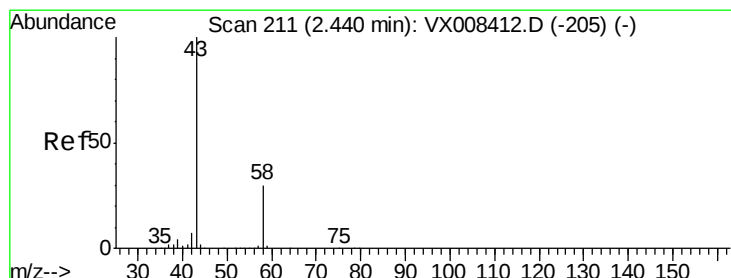
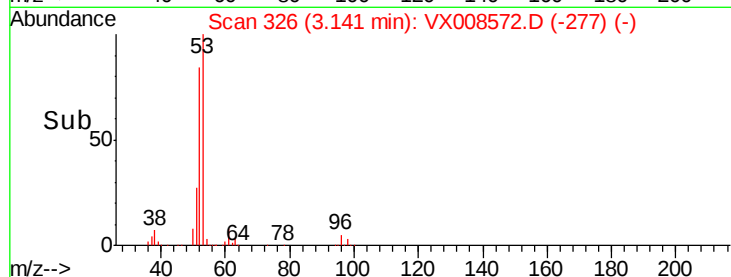
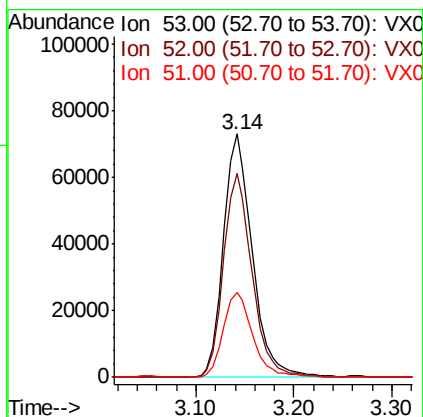
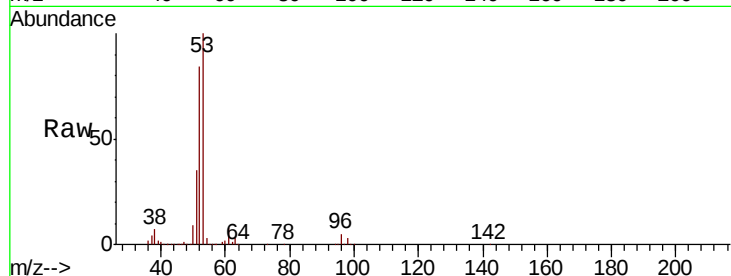




#15
 Acrylonitrile
 Concen: 93.208 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

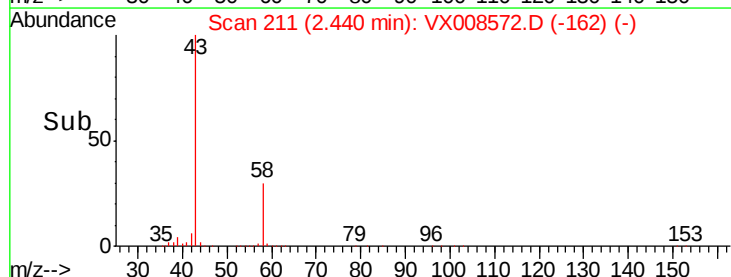
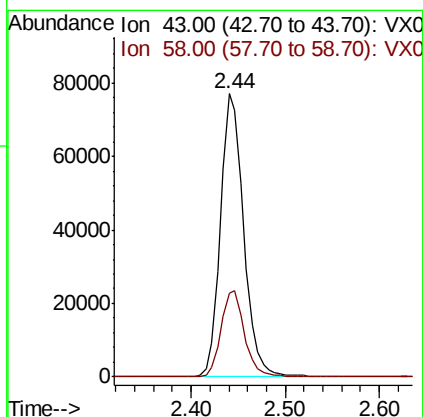
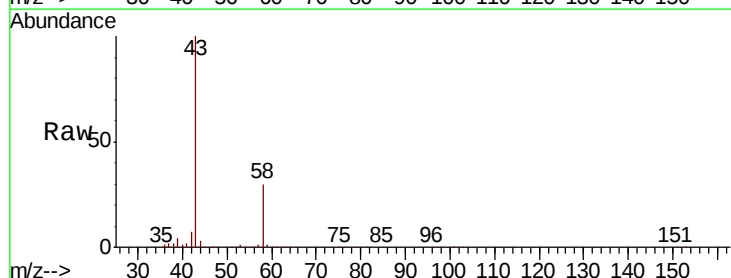
Instrument :
 MSVOA_X
 ClientSampleId :

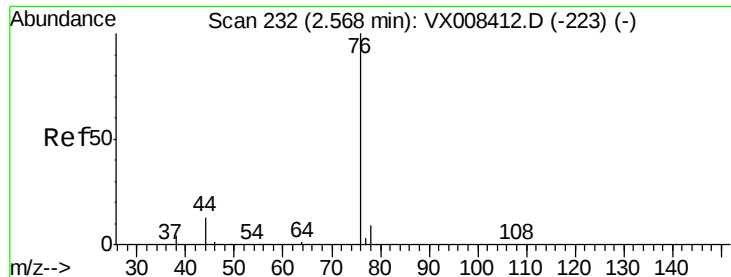
Tot Ion: 53 Resp: 149141
 Ion Ratio Lower Upper
 53 100
 52 83.7 66.5 99.7
 51 36.0 28.3 42.5



#16
 Acetone
 Concen: 90.679 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 43 Resp: 130531
 Ion Ratio Lower Upper
 43 100
 58 29.7 24.2 36.2





#17

Carbon Disulfide

Concen: 16.384 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

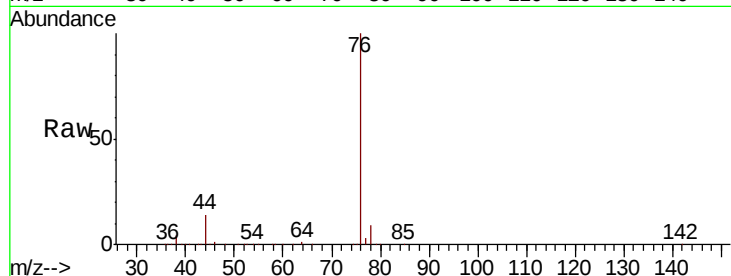
ClientSampleId :

Tot Ion: 76 Resp: 100915

Ion Ratio Lower Upper

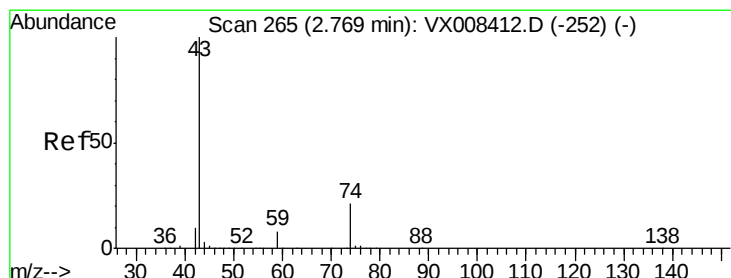
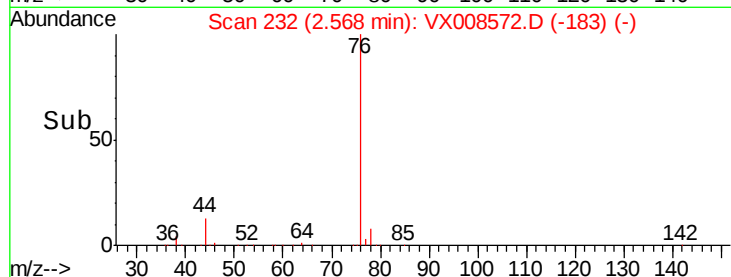
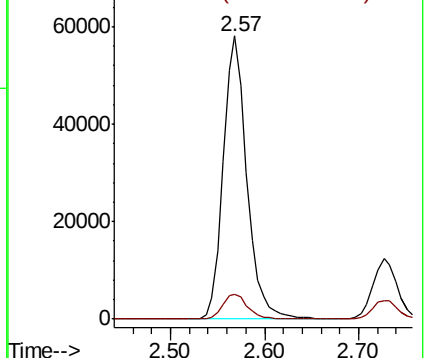
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.377 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008572.D

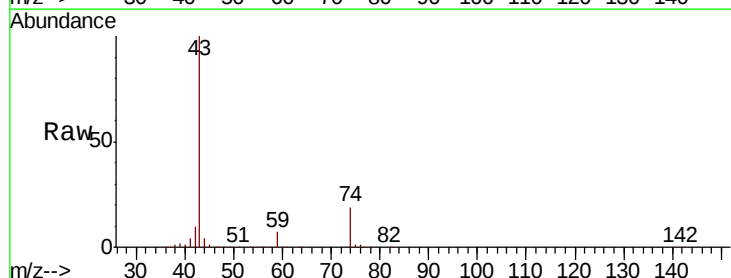
Acq: 01 Apr 2019 16:33

Tgt Ion: 43 Resp: 66990

Ion Ratio Lower Upper

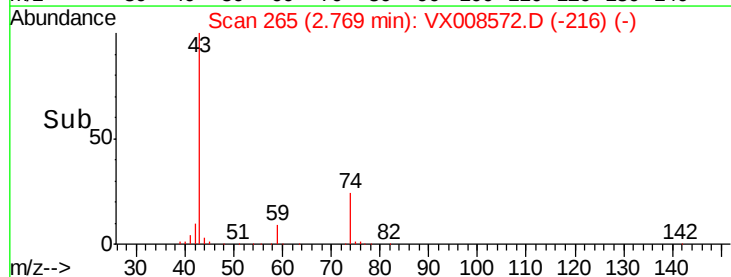
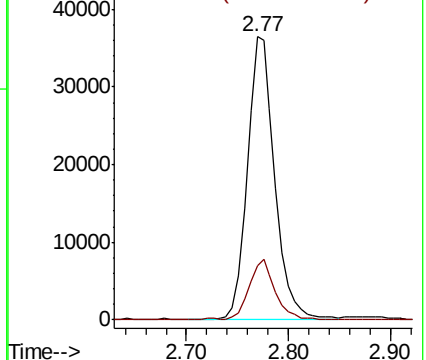
43 100

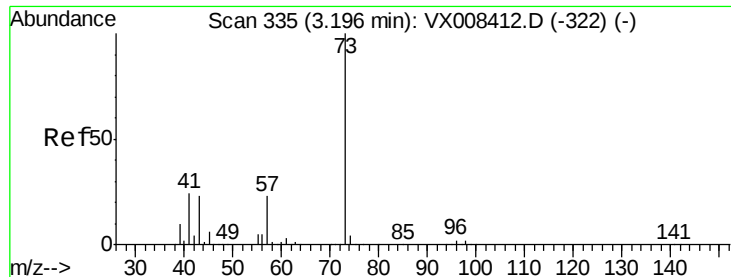
74 21.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

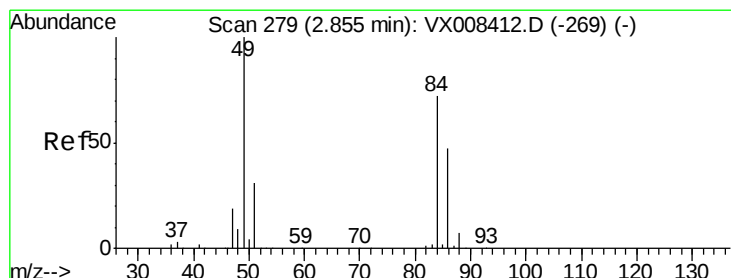
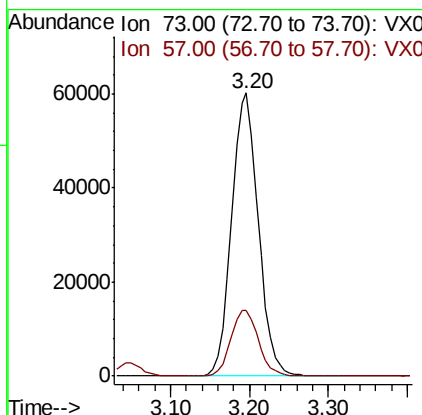
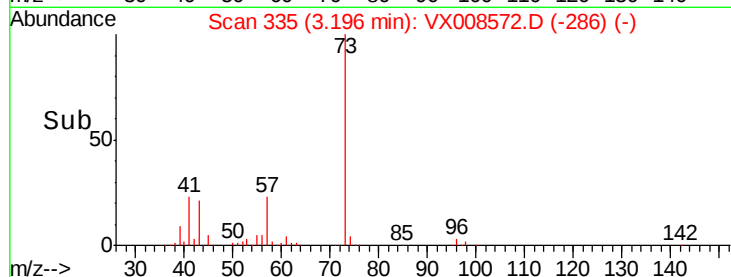
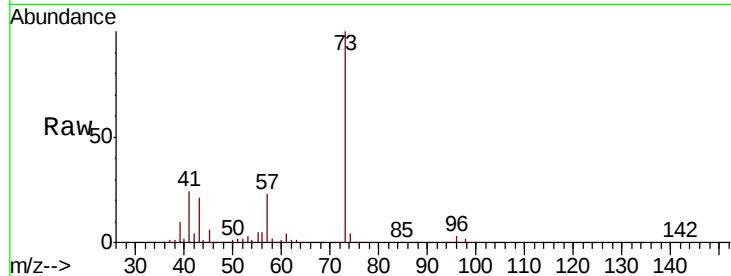




#19
Methyl tert-butyl Ether
Concen: 18.576 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

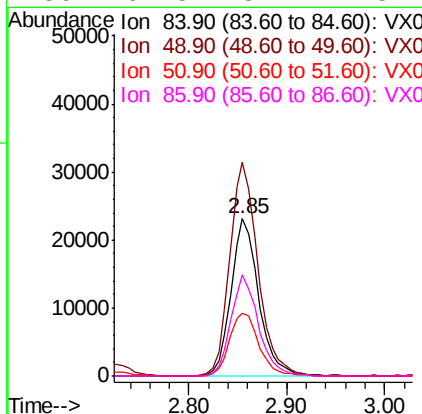
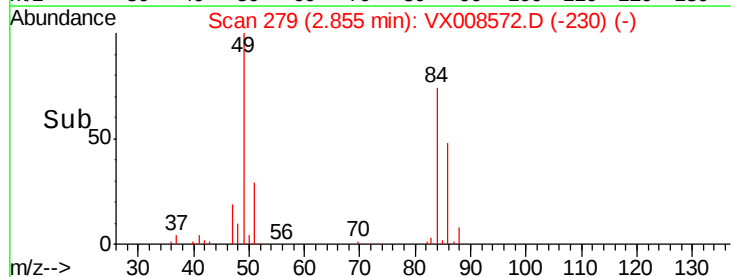
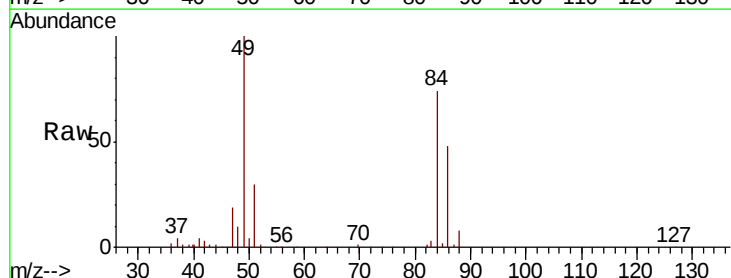
Instrument :
MSVOA_X
ClientSampled :

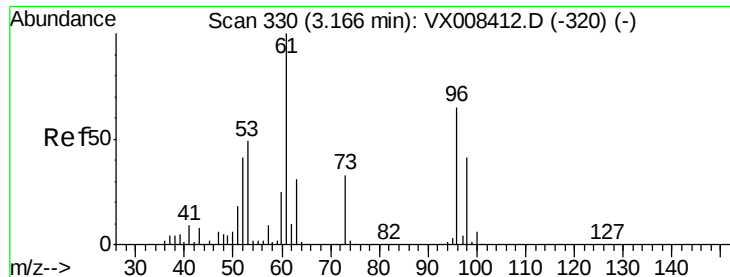
Tot Ion: 73 Resp: 141481
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0



#20
Methylene Chloride
Concen: 18.882 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 84 Resp: 45297
Ion Ratio Lower Upper
84 100
49 135.8 110.6 165.8
51 39.9 33.9 50.9
86 64.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.093 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

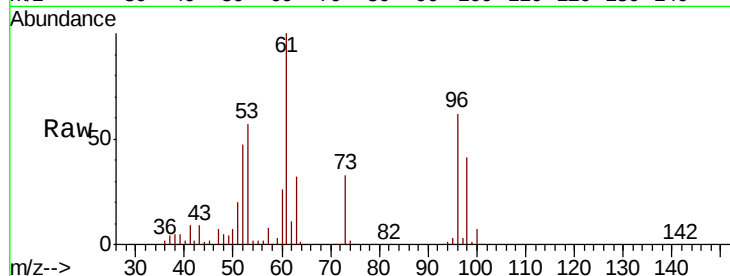
Tot Ion: 96 Resp: 38469

Ion Ratio Lower Upper

96 100

61 162.0 122.6 184.0

98 66.0 50.9 76.3

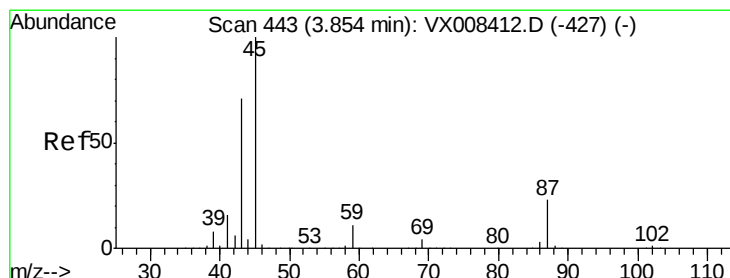
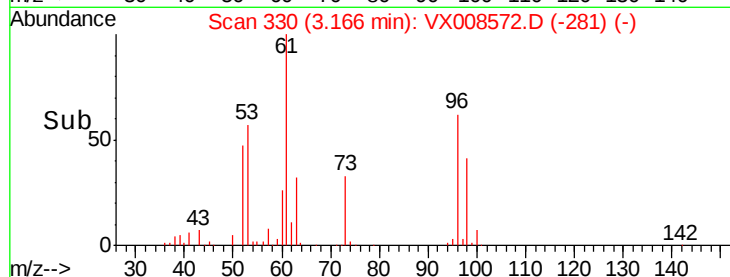
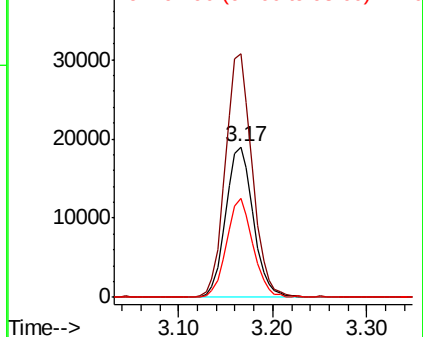


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.596 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion: 45 Resp: 170499

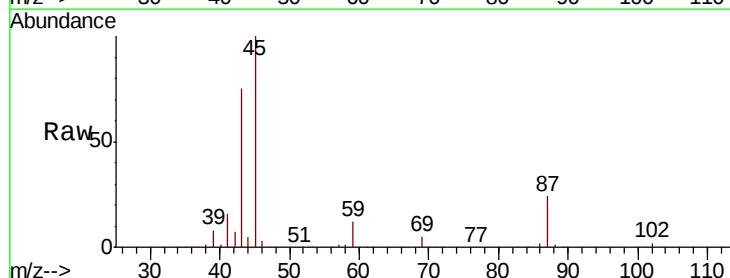
Ion Ratio Lower Upper

45 100

43 74.8 57.1 85.7

87 23.6 18.8 28.2

59 11.6 8.7 13.1



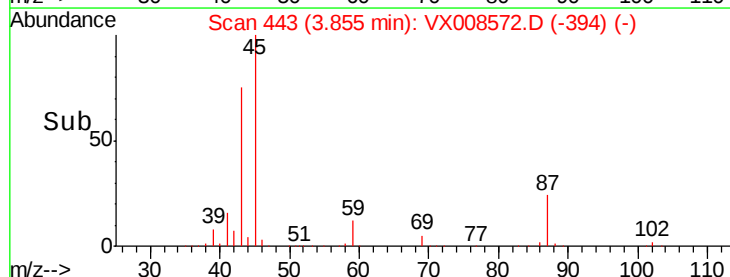
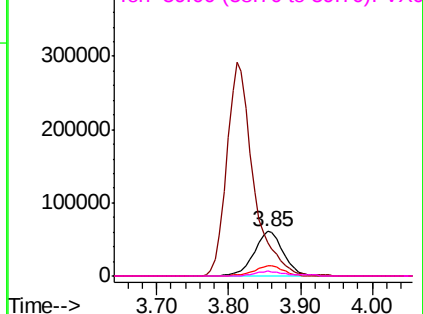
Abundance

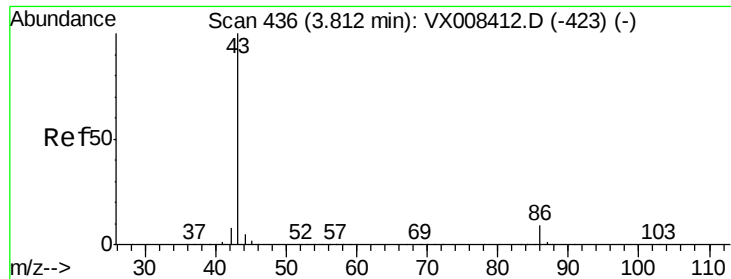
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

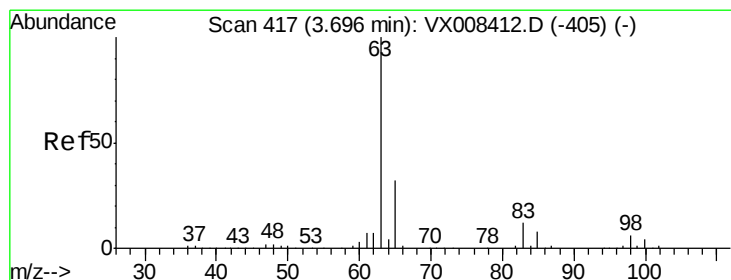
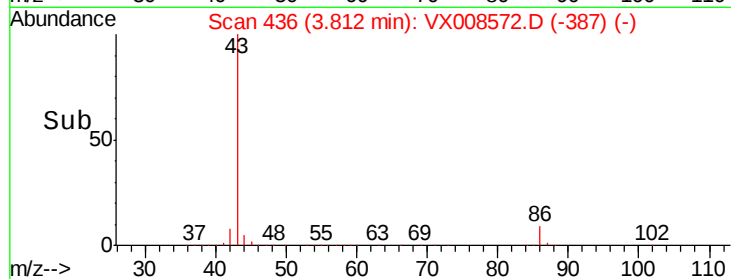
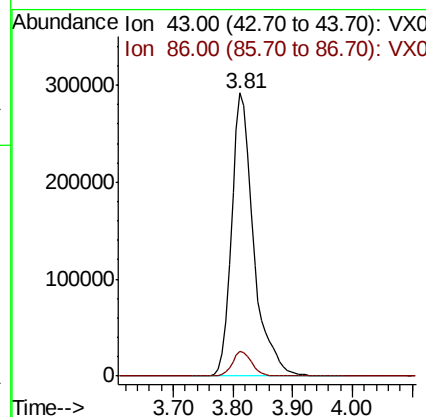
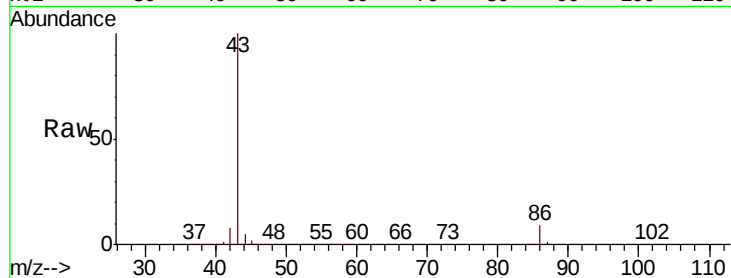




#23
 Vinyl Acetate
 Concen: 93.544 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

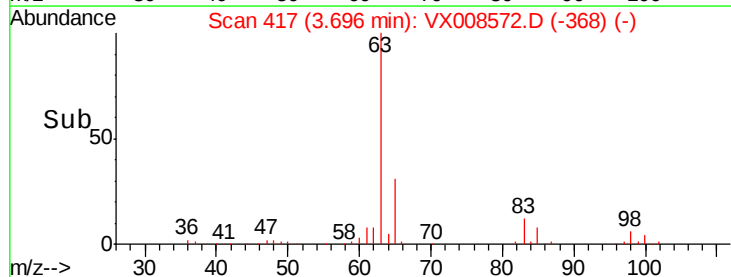
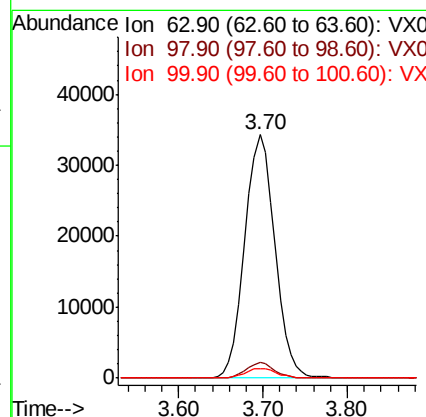
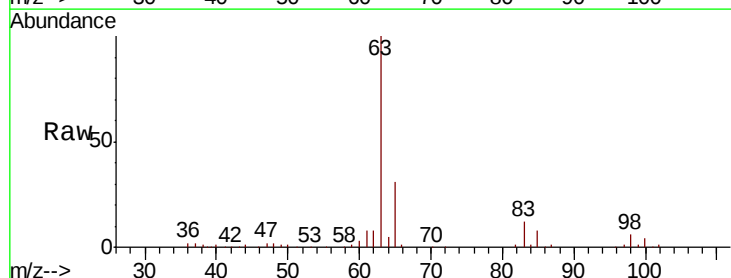
Instrument :
 MSVOA_X
 ClientSampleId :

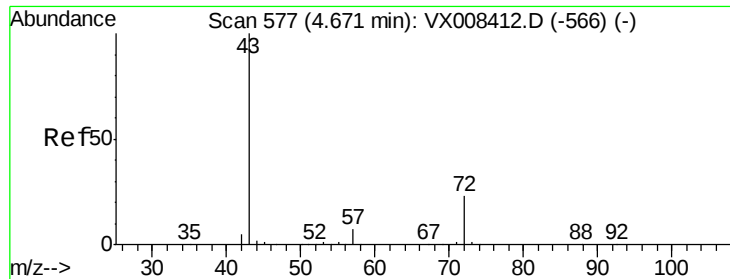
Tot Ion: 43 Resp: 748265
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 17.994 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 63 Resp: 83290
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 95.846 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

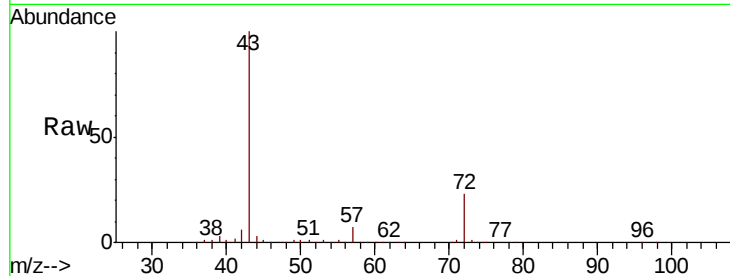
ClientSampleId :

Tot Ion: 43 Resp: 221190

Ion Ratio Lower Upper

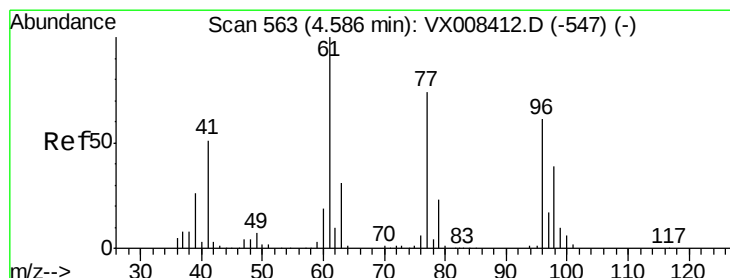
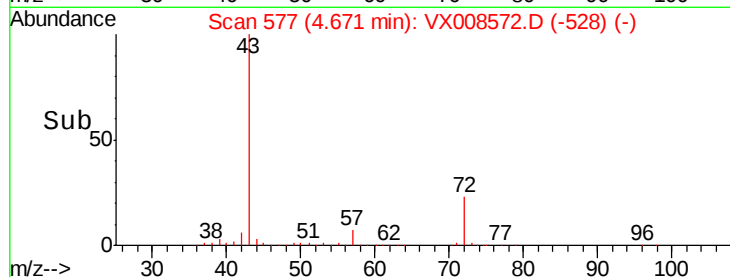
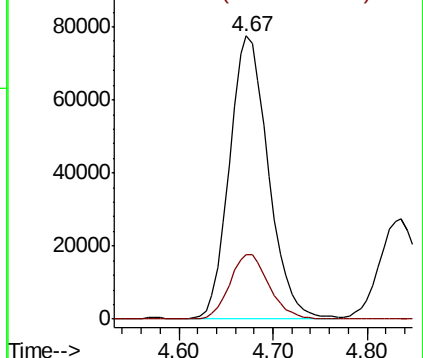
43 100

72 22.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.561 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008572.D

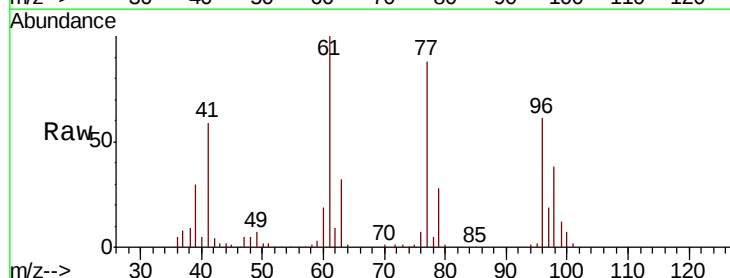
Acq: 01 Apr 2019 16:33

Tgt Ion: 77 Resp: 54064

Ion Ratio Lower Upper

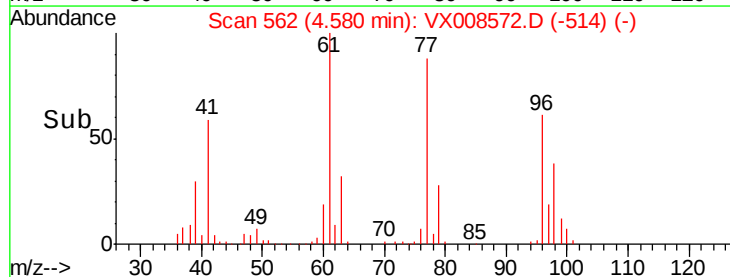
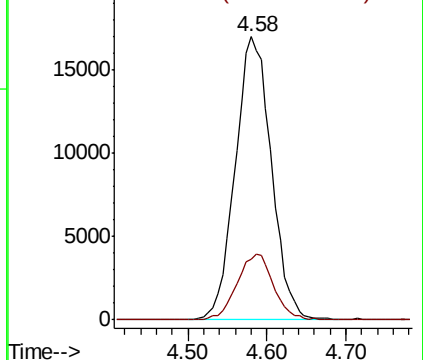
77 100

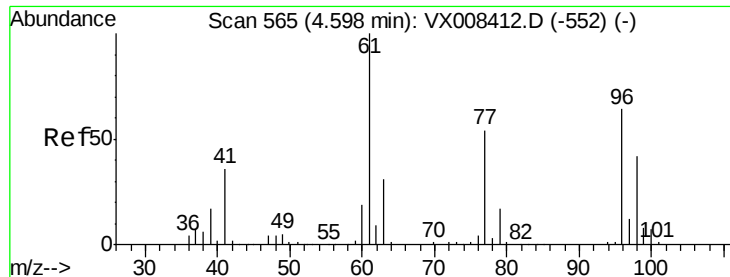
97 23.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



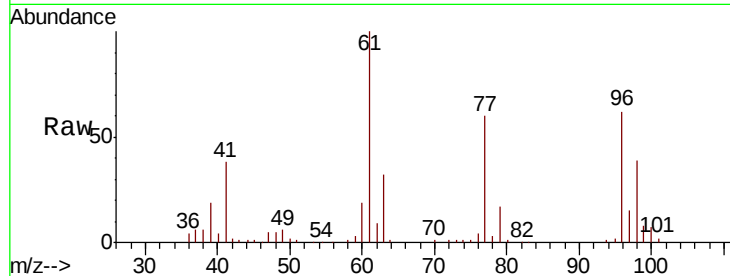


#27

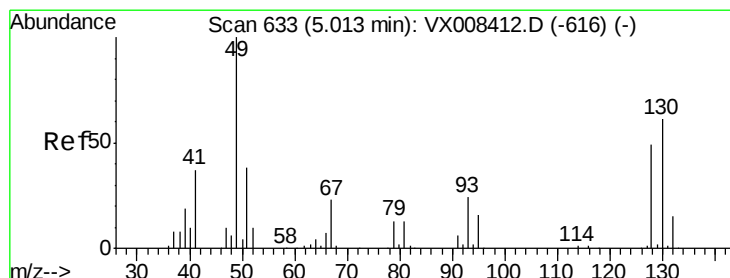
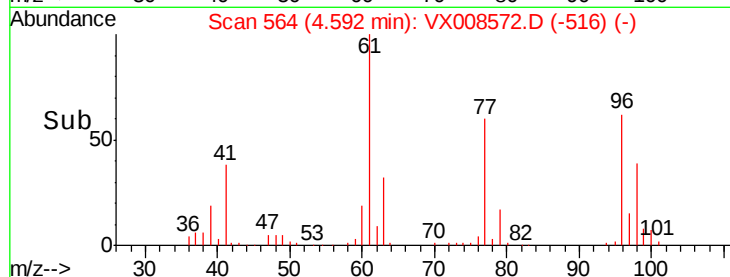
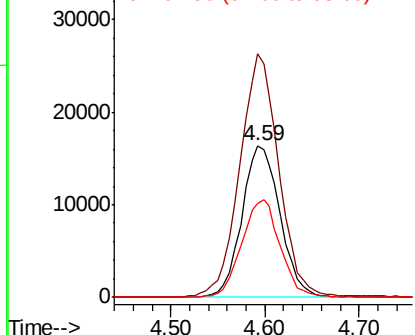
cis-1,2-Dichloroethene
 Concen: 17.923 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 46321
 Ion Ratio Lower Upper
 96 100
 61 164.3 0.0 325.6
 98 65.2 0.0 130.0



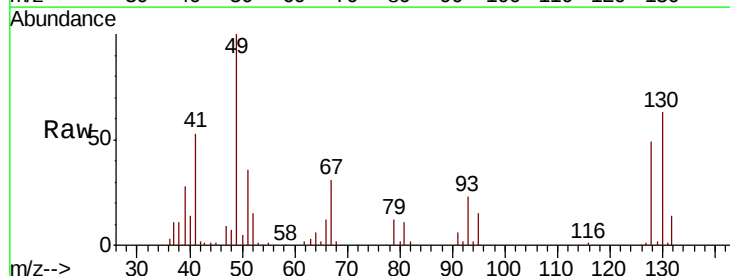
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



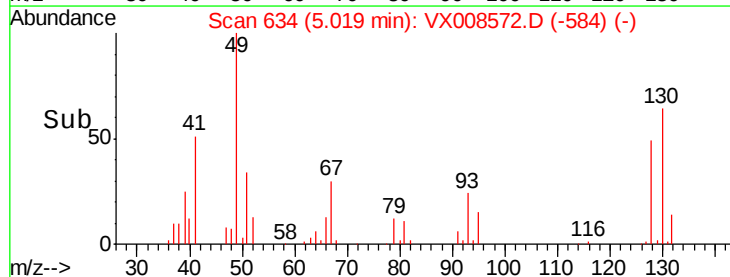
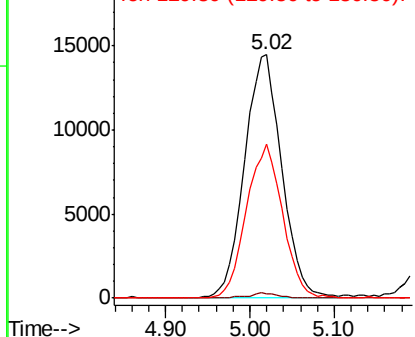
#28

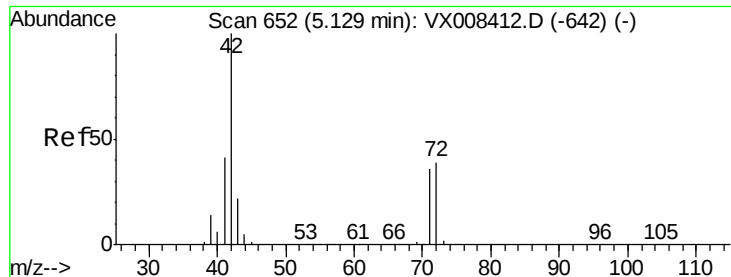
Bromochloromethane
 Concen: 19.012 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 49 Resp: 43478
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 61.4 49.8 74.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.388 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

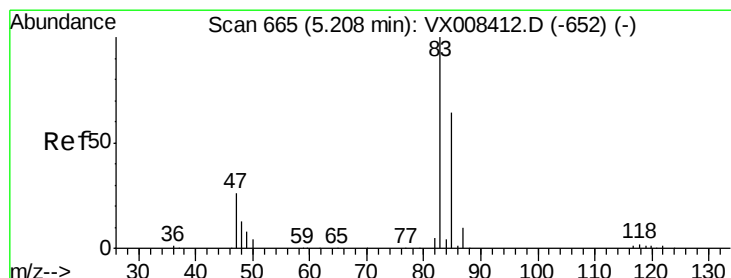
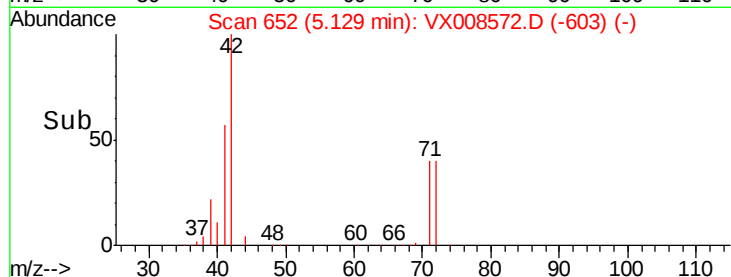
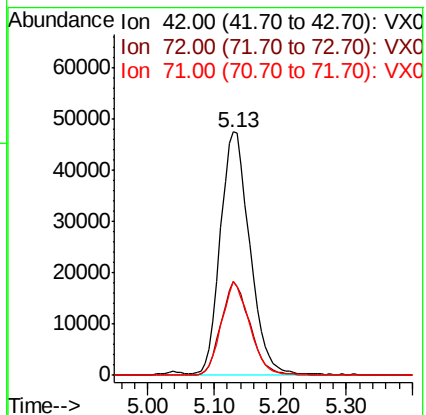
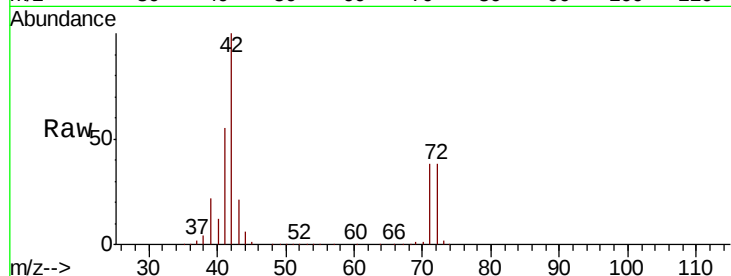
Tot Ion: 42 Resp: 146605

Ion Ratio Lower Upper

42 100

72 38.1 31.4 47.2

71 36.7 29.4 44.2



#30

Chloroform

Concen: 18.225 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008572.D

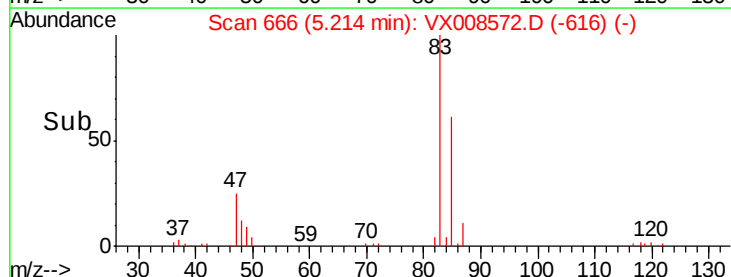
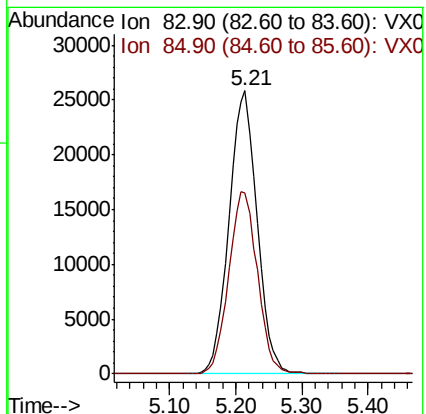
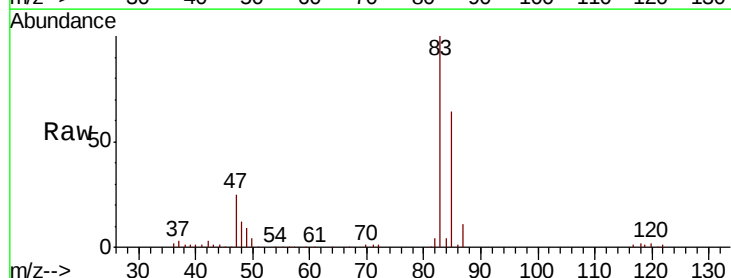
Acq: 01 Apr 2019 16:33

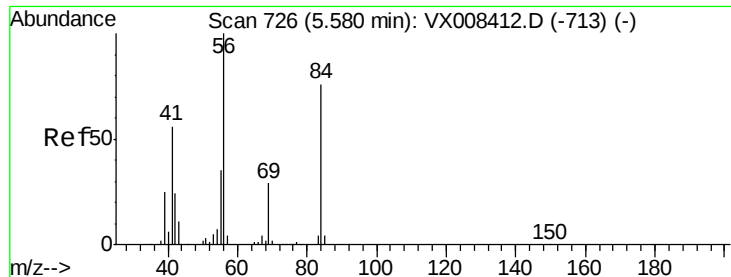
Tgt Ion: 83 Resp: 76131

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

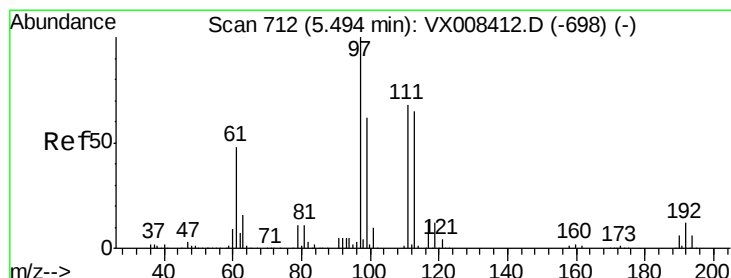
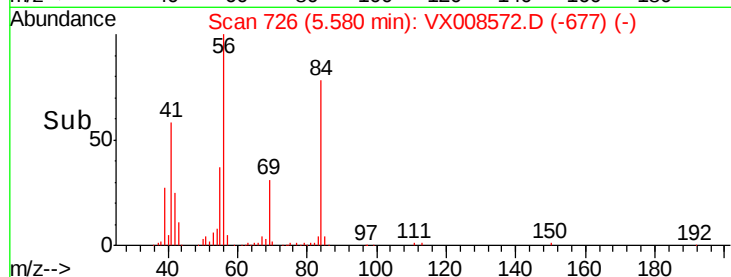
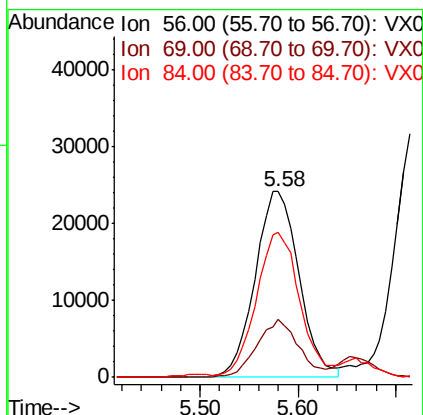
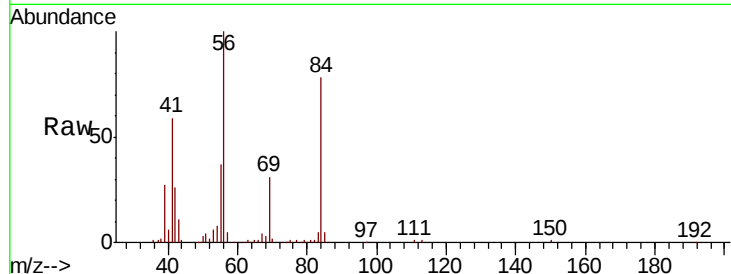




#31
Cyclohexane
Concen: 17.146 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

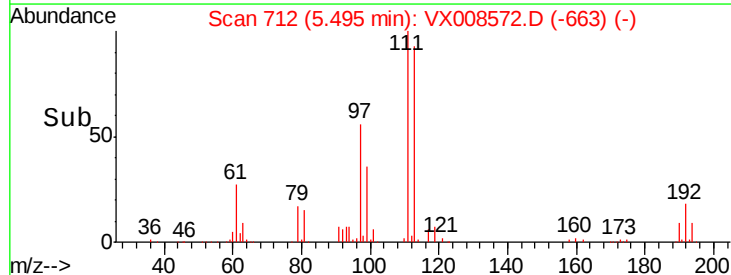
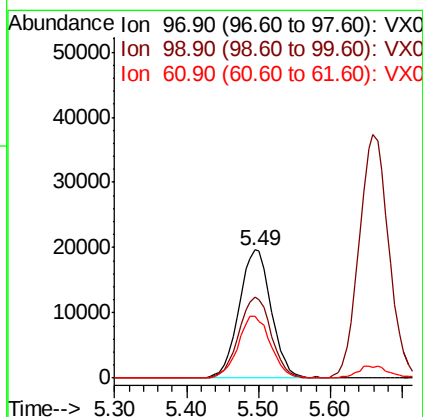
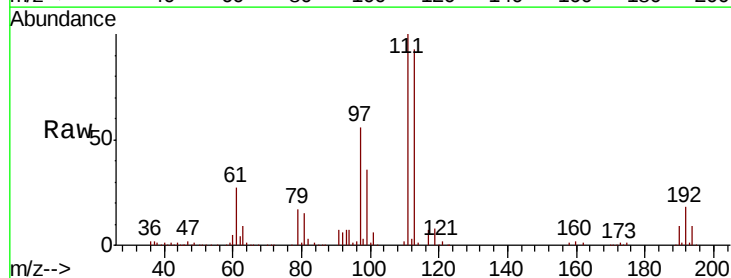
Instrument :
MSVOA_X
ClientSampleId :

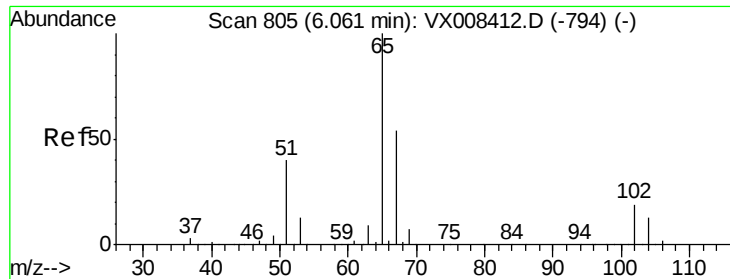
Tot Ion: 56 Resp: 75692
Ion Ratio Lower Upper
56 100
69 30.9 23.2 34.8
84 76.7 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 18.282 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 97 Resp: 61046
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 49.3 38.8 58.2

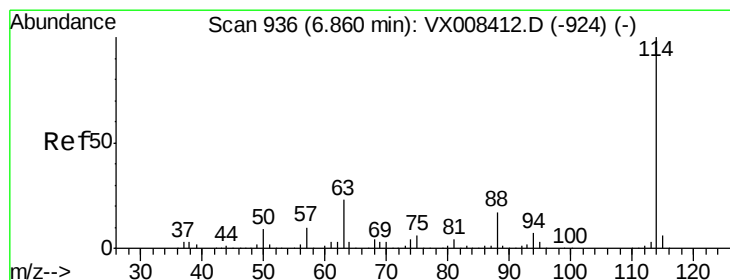
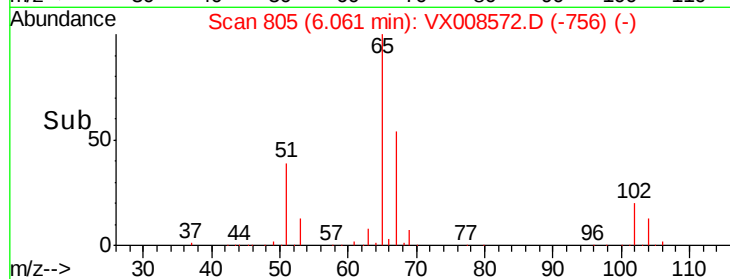
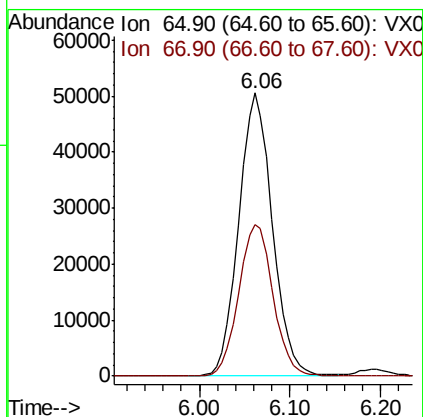
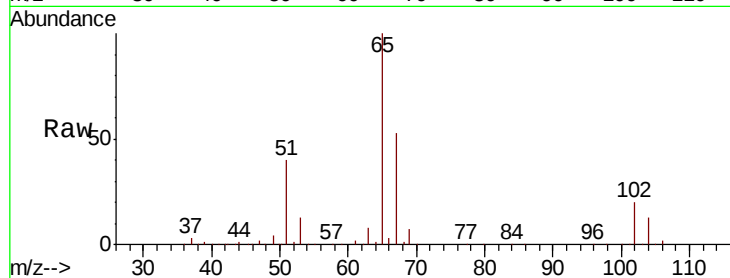




#33
 1,2-Dichloroethane-d4
 Concen: 47.189 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

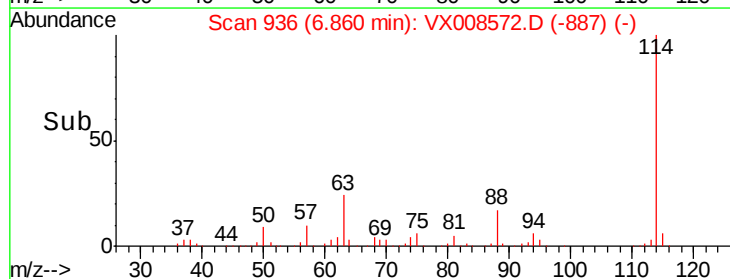
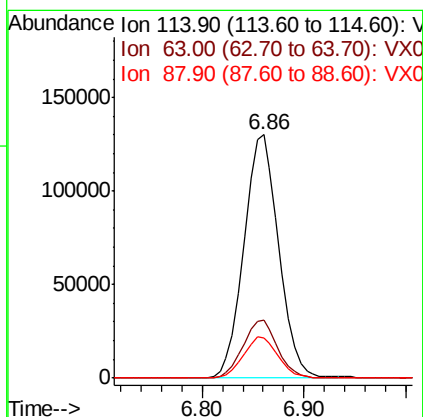
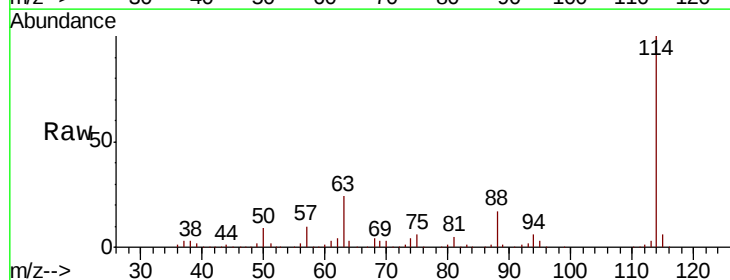
Instrument :
 MSVOA_X
 ClientSampled :

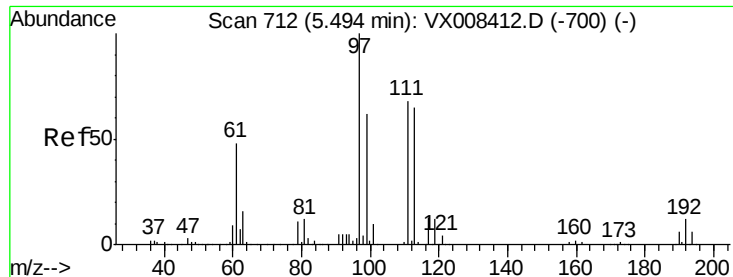
Tot Ion: 65 Resp: 129968
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 114 Resp: 308316
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.4
 88 16.6 0.0 33.2

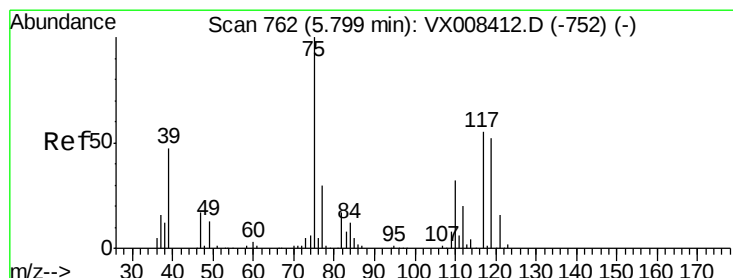
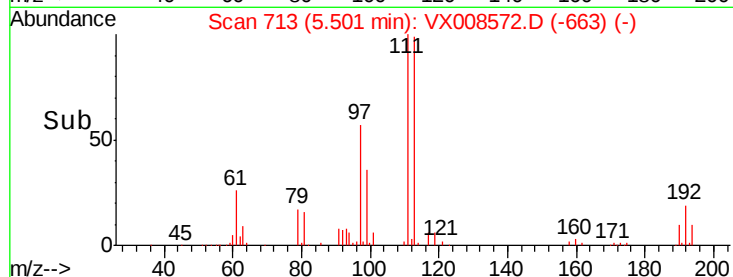
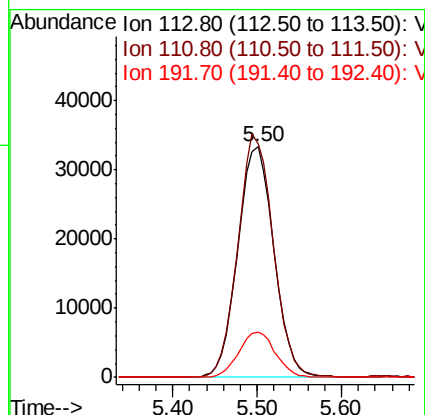
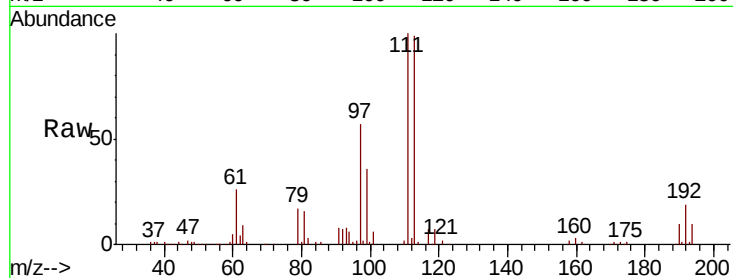




#35
 Dibromofluoromethane
 Concen: 48.250 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

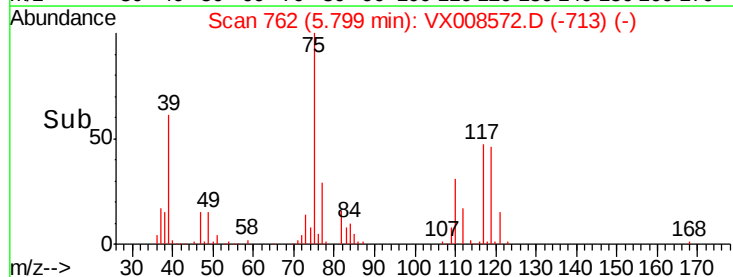
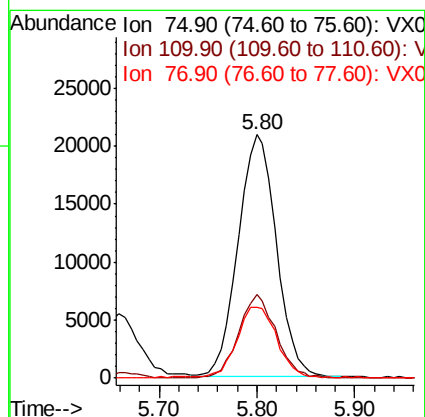
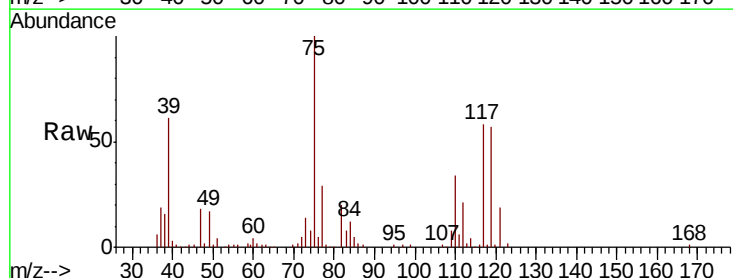
Instrument :
 MSVOA_X
 ClientSampleId :

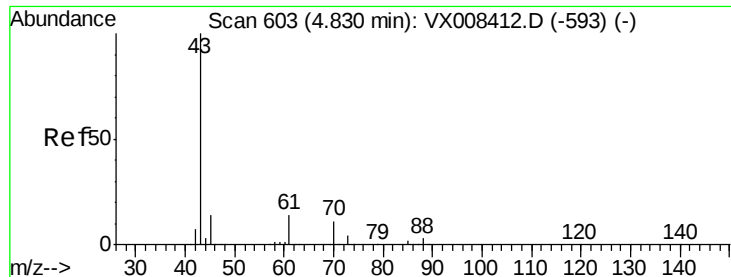
Tot Ion:113 Resp: 97000
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.0 124.4
 192 20.0 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 17.221 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 75 Resp: 56612
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.6 49.7
 77 31.0 24.2 36.2

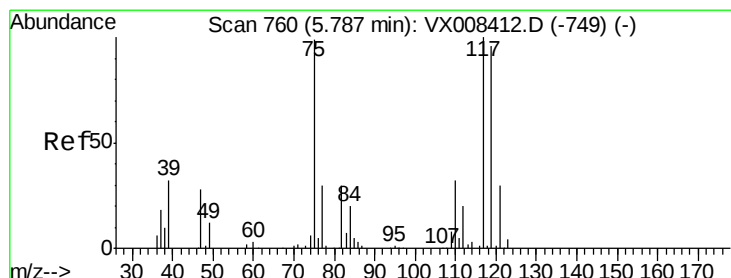
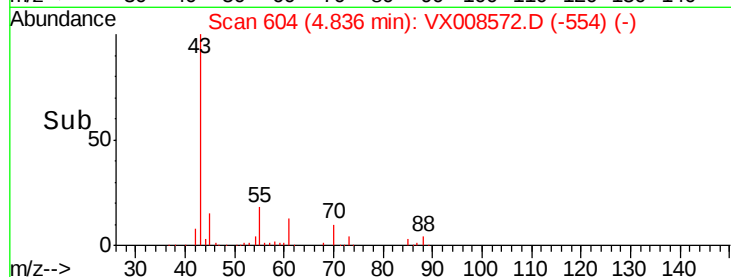
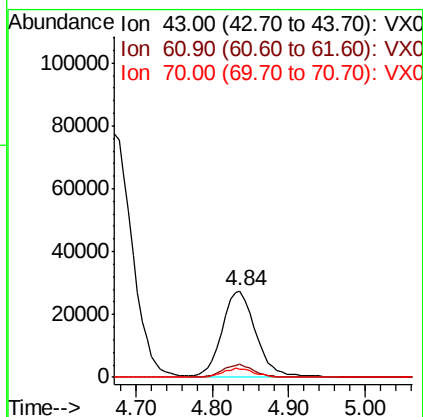
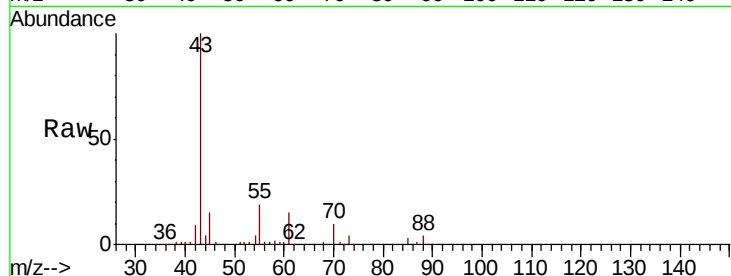




#37
Ethyl Acetate
Concen: 19.347 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

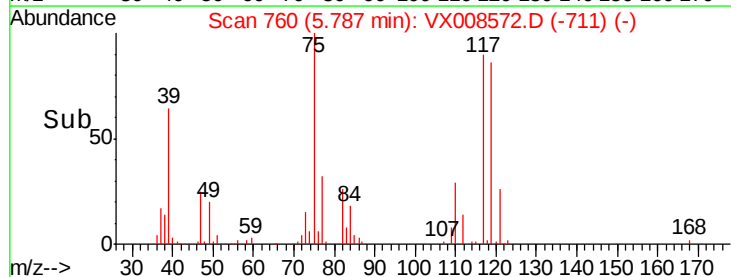
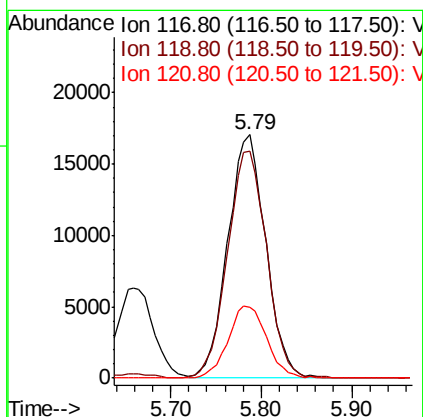
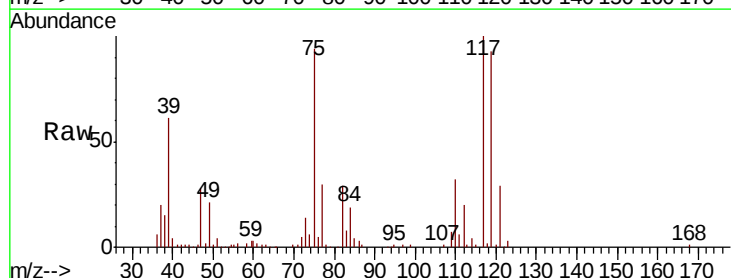
Instrument :
MSVOA_X
ClientSampled :

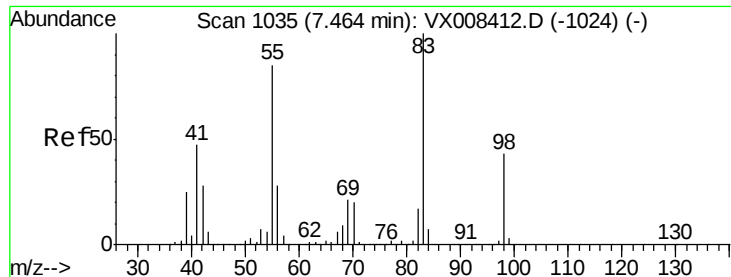
Tot Ion: 43 Resp: 82393
Ion Ratio Lower Upper
43 100
61 13.6 10.5 15.7
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.081 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 117 Resp: 49602
Ion Ratio Lower Upper
117 100
119 93.0 76.7 115.1
121 28.9 24.3 36.5

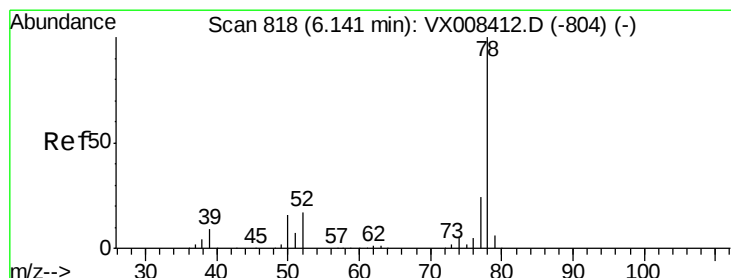
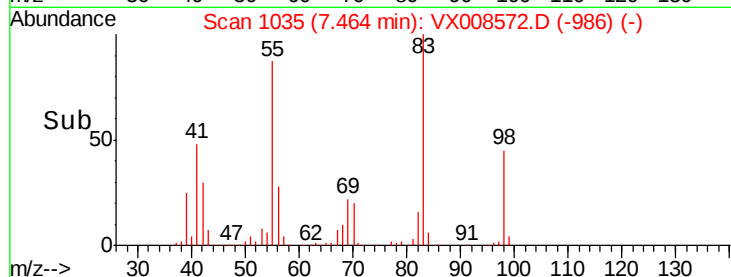
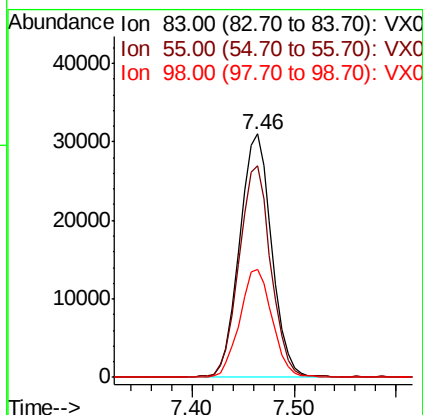
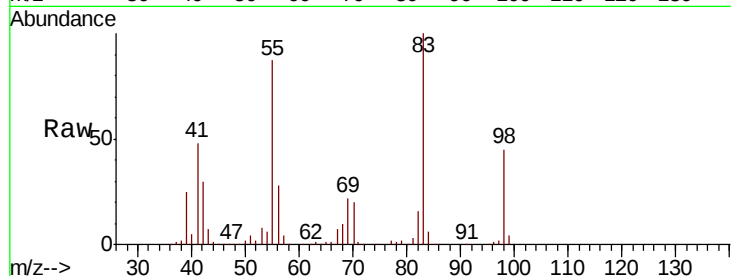




#39
Methvlcvclohexane
Concen: 17.275 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

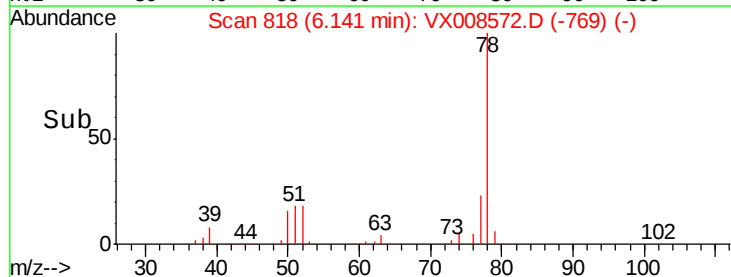
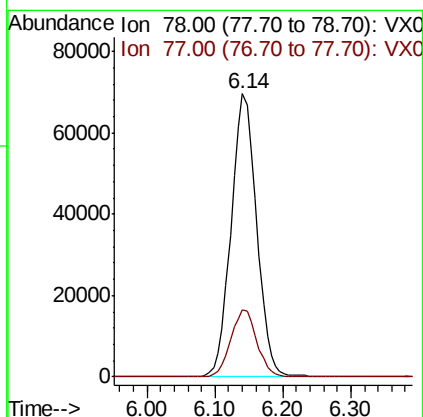
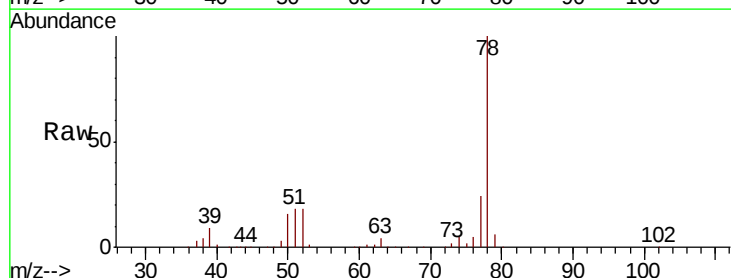
Instrument :
MSVOA_X
ClientSampled :

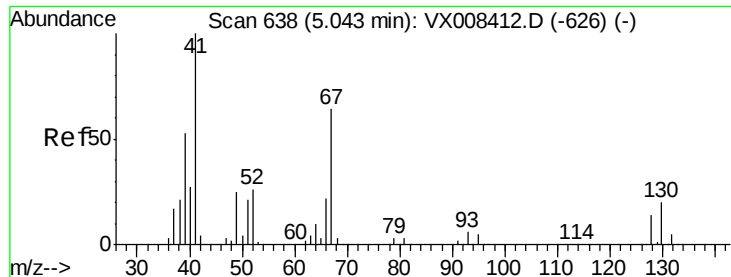
Tot Ion: 83 Resp: 67867
Ion Ratio Lower Upper
83 100
55 86.8 68.2 102.4
98 44.6 34.2 51.4



#40
Benzene
Concen: 18.429 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 78 Resp: 181369
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41

Methacrylonitrile

Concen: 19.262 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 46100

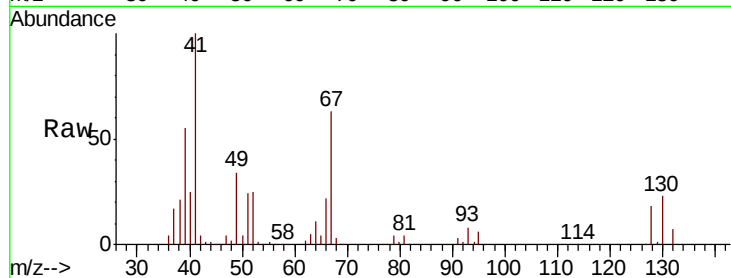
Ion Ratio Lower Upper

41 100

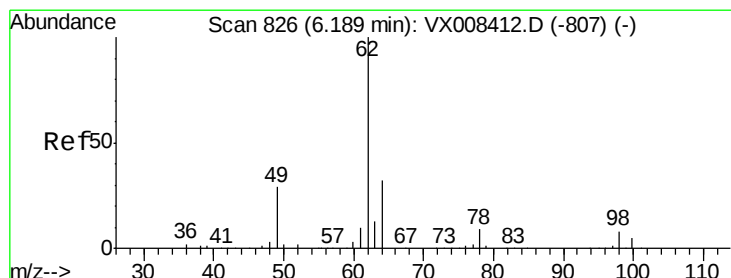
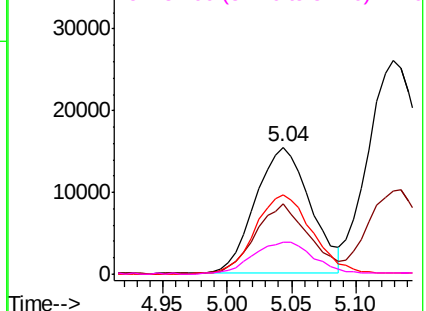
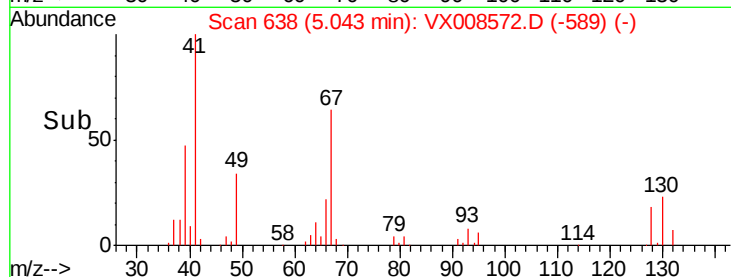
39 53.0 42.6 64.0

67 65.9 52.2 78.4

52 27.5 21.4 32.0



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



#42

1,2-Dichloroethane

Concen: 18.038 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008572.D

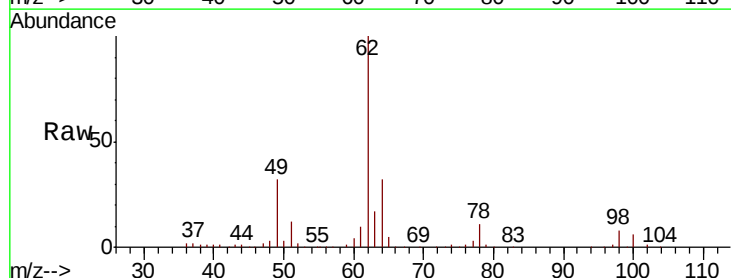
Acq: 01 Apr 2019 16:33

Tgt Ion: 62 Resp: 64996

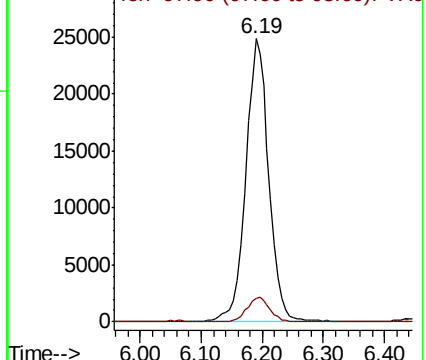
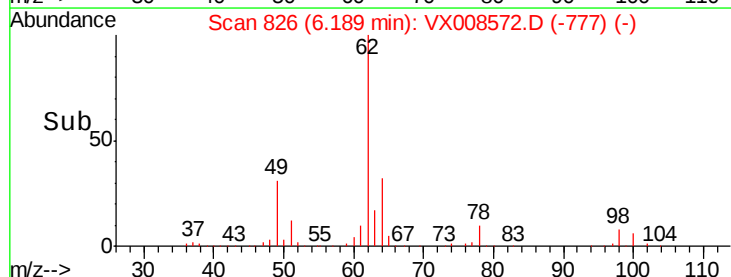
Ion Ratio Lower Upper

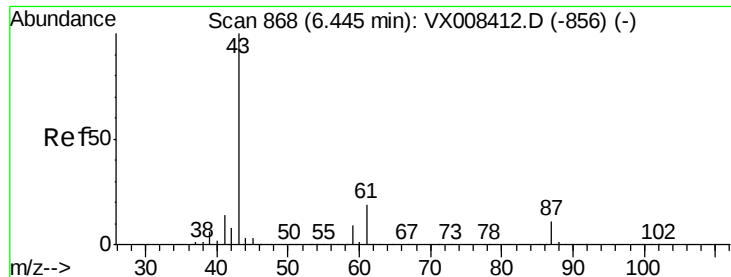
62 100

98 8.6 0.0 17.6



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



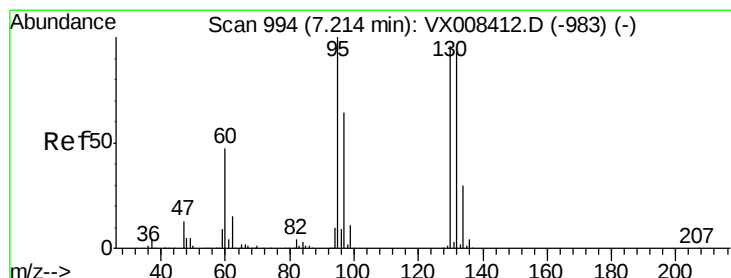
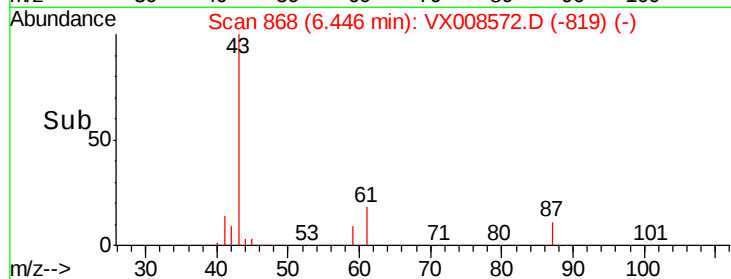
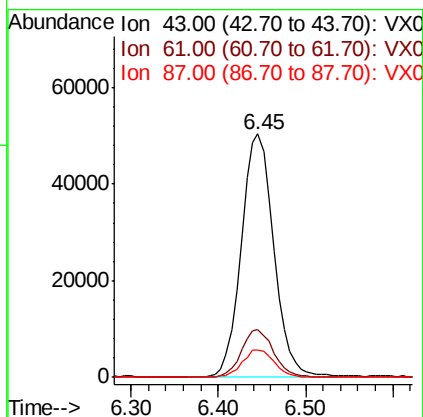
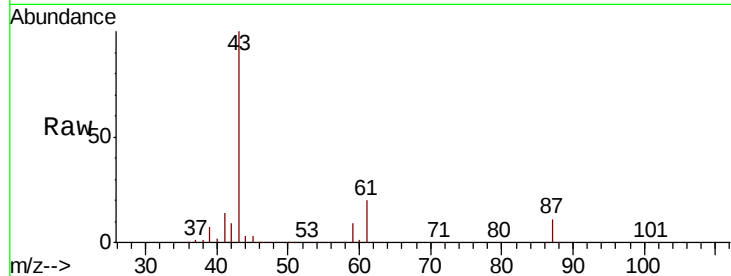


#43

Isopropyl Acetate
 Concen: 18.953 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

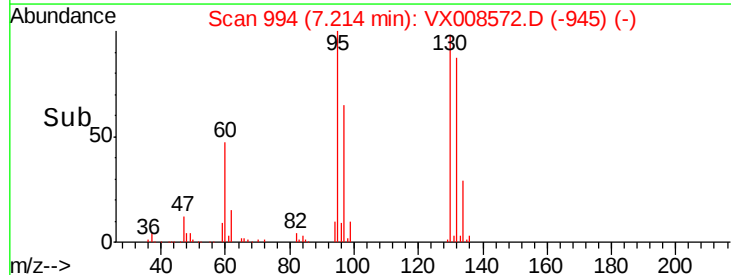
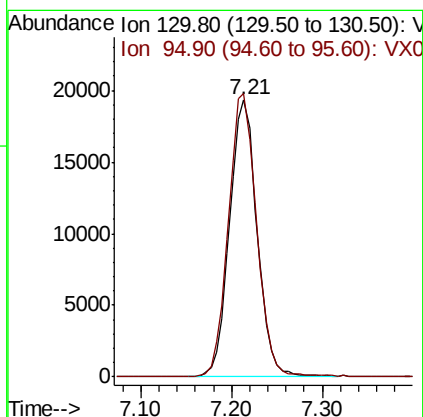
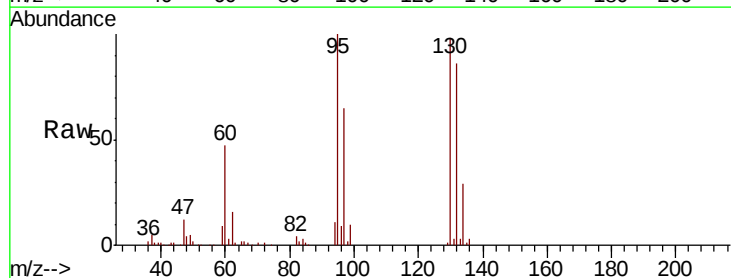
Tot Ion	43	Resp	129101
Ion Ratio	100		
Lower	15.4		
Upper	23.2		
61	19.5		
87	11.3		

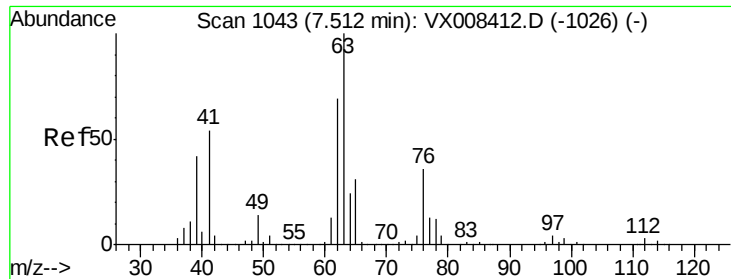


#44

Trichloroethene
 Concen: 17.655 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	130	Resp	40797
Ion Ratio	100		
Lower	0.0		
Upper	208.8		
95	102.1		





#45

1,2-Dichloropropane

Concen: 18.409 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

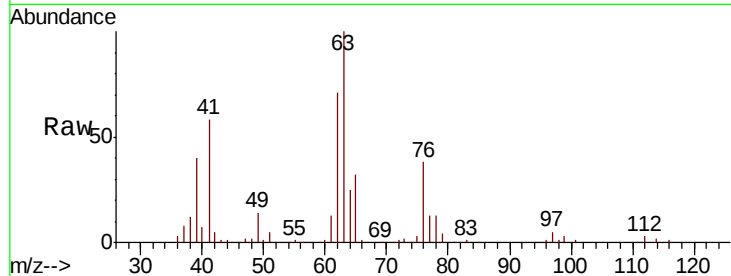
ClientSampled :

Tot Ion: 63 Resp: 51495

Ion Ratio Lower Upper

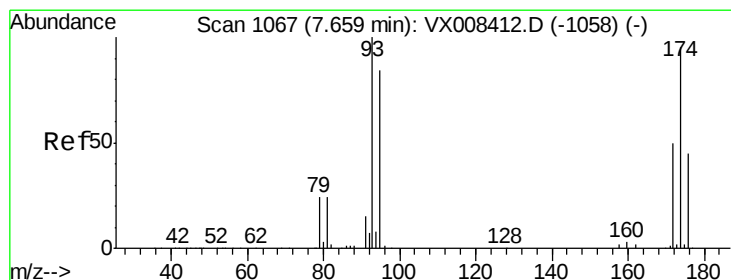
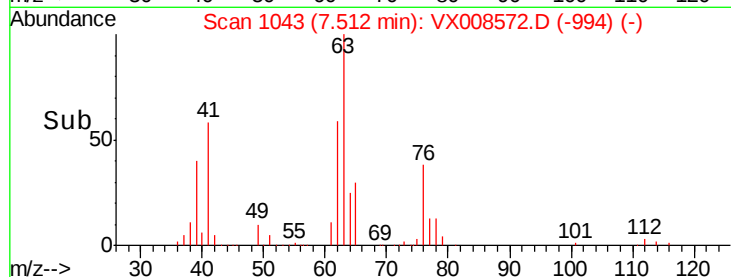
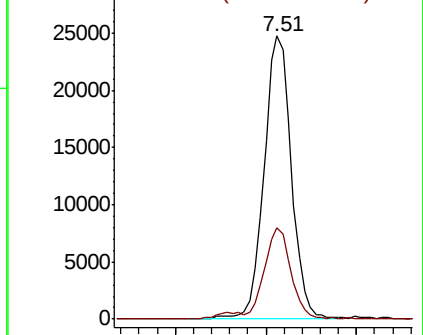
63 100

65 32.1 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.991 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

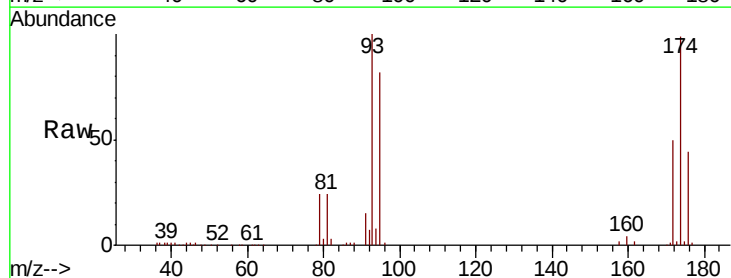
Tgt Ion: 93 Resp: 29389

Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

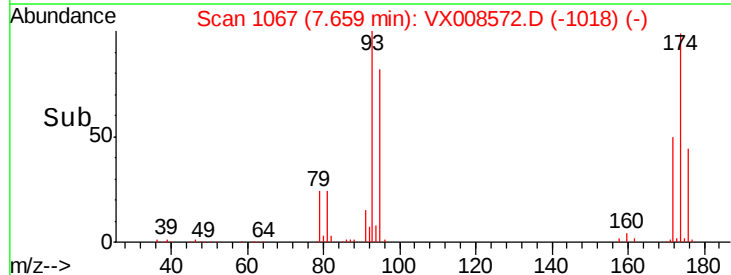
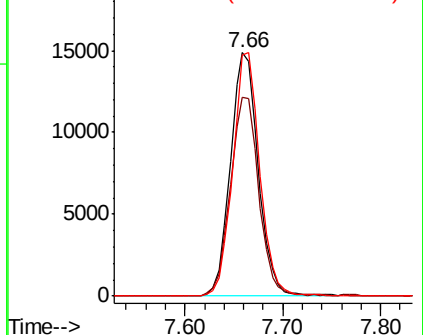
174 97.2 76.0 114.0

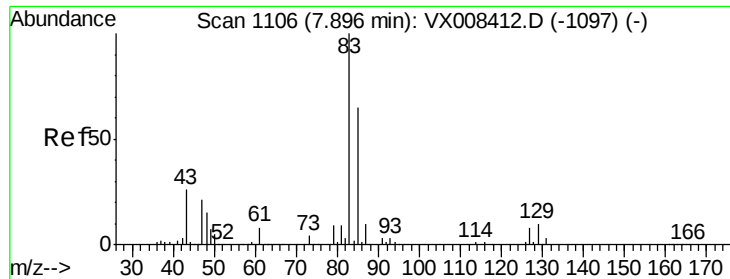


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.542 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :

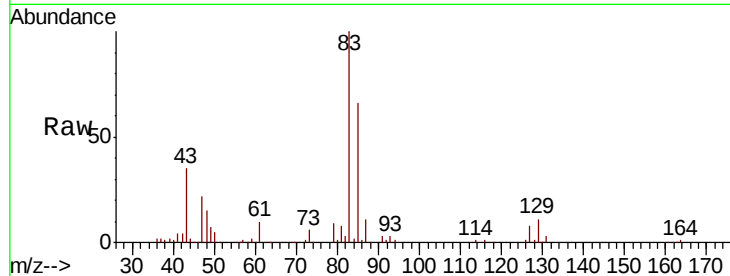
Tot Ion: 83 Resp: 57975

Ion Ratio Lower Upper

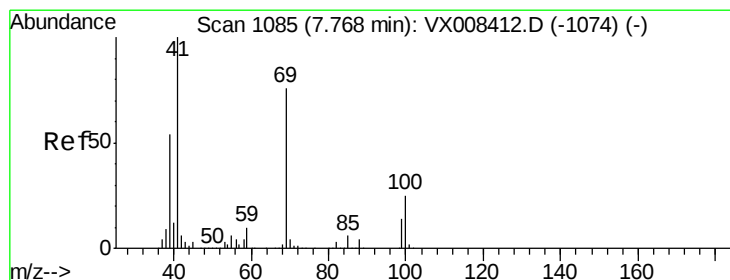
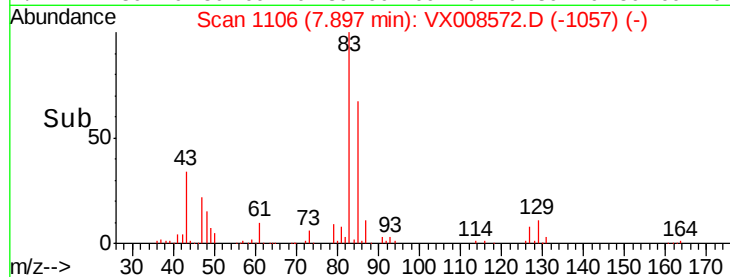
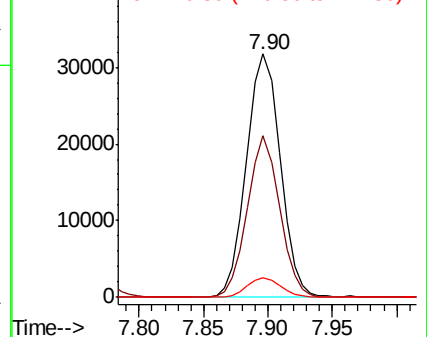
83 100

85 66.3 52.0 78.0

127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.037 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

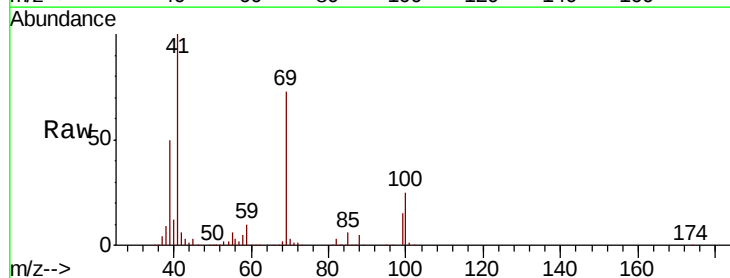
Tgt Ion: 41 Resp: 64885

Ion Ratio Lower Upper

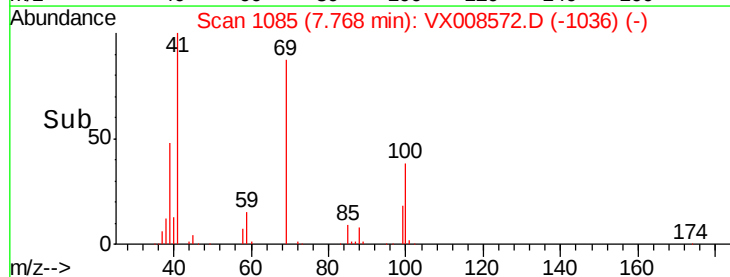
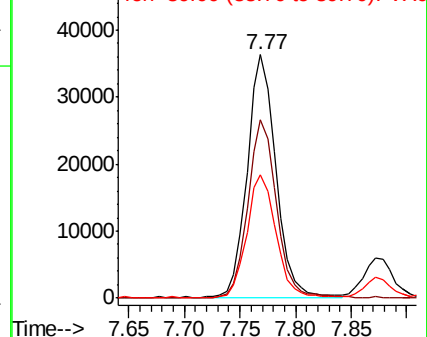
41 100

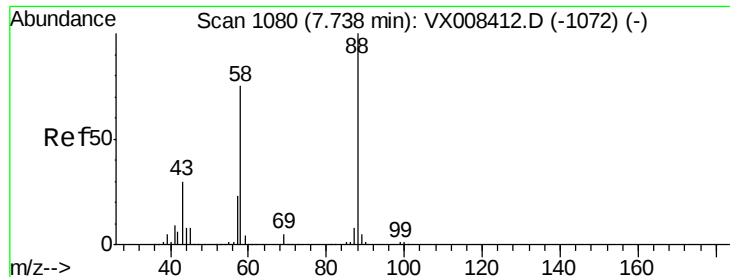
69 74.4 60.8 91.2

39 51.1 42.3 63.5



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

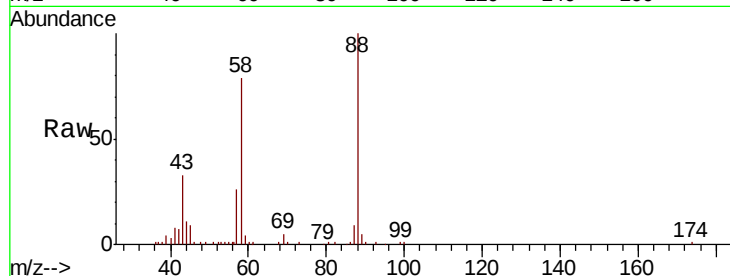




#49
1,4-Dioxane
Concen: 375.612 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	25455
Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	43.0
58	79.9	63.0	94.4

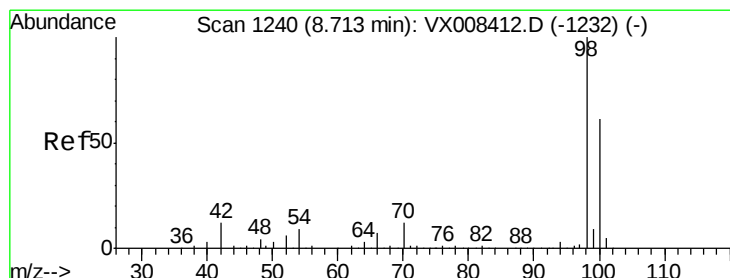
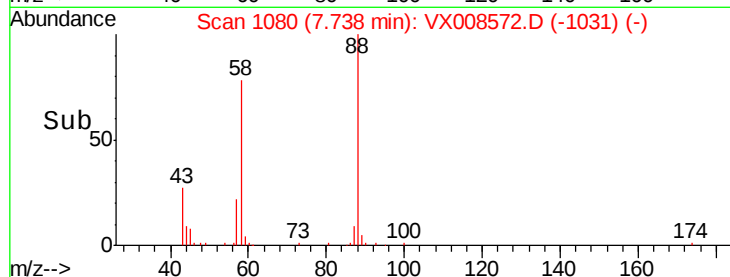
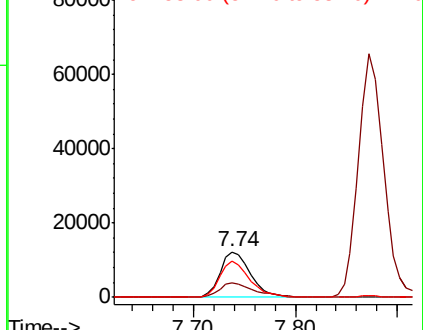


Abundance

Ion 88.00 (87.70 to 88.70): VX0

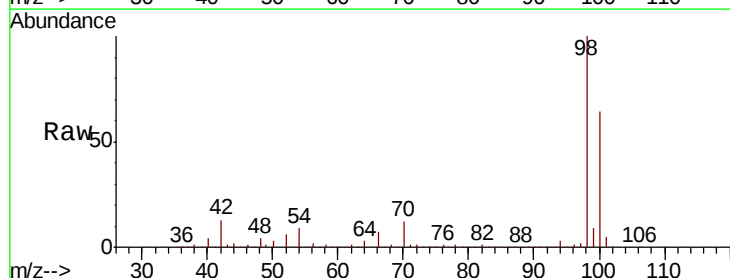
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.783 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

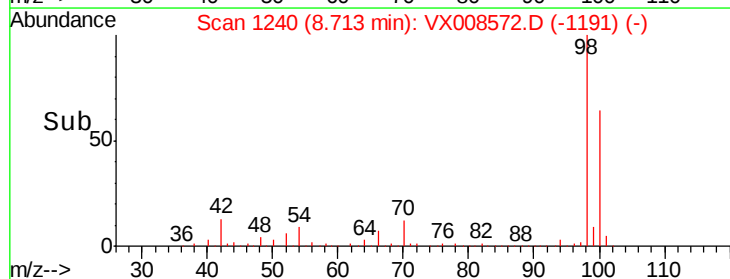
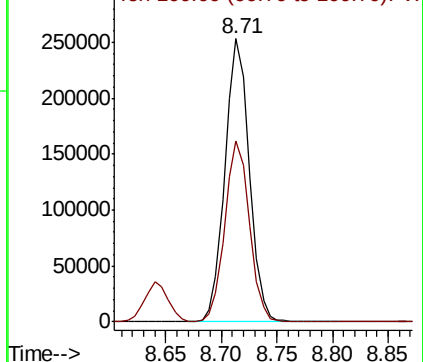
Tgt Ion	98	Resp	384106
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7

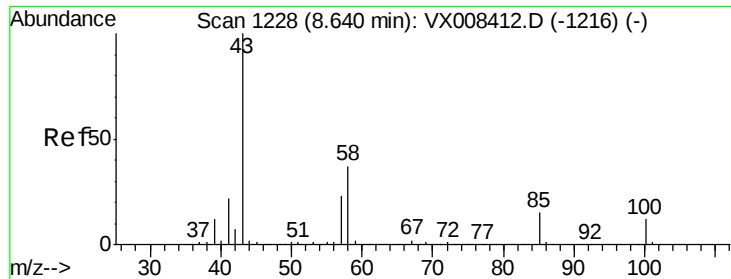


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 98.924 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

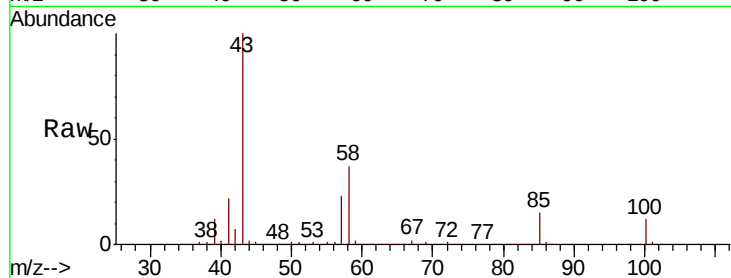
ClientSampleId :

Tot Ion: 43 Resp: 437672

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

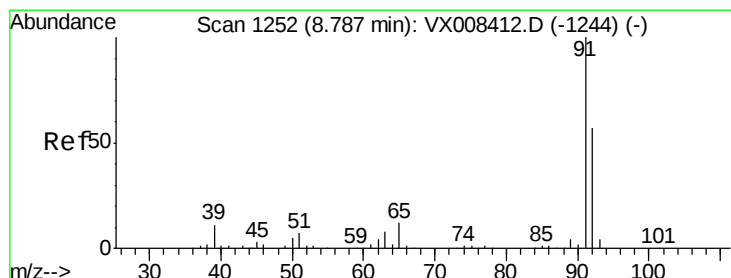
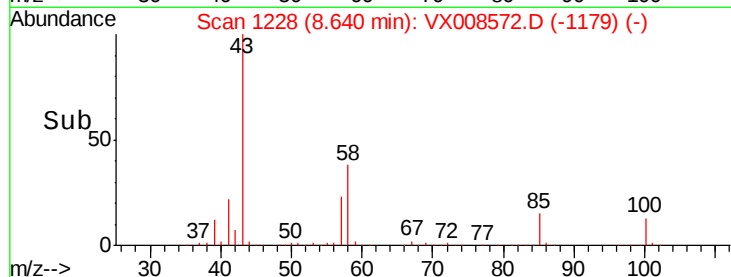
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.215 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008572.D

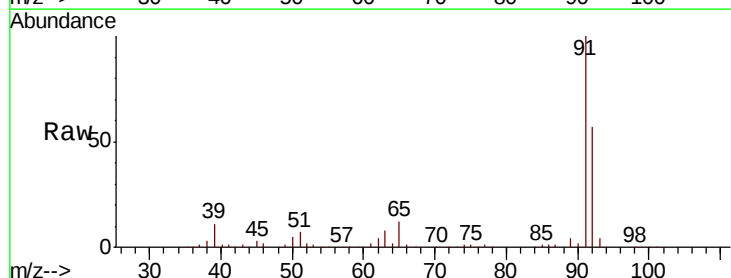
Acq: 01 Apr 2019 16:33

Tgt Ion: 92 Resp: 107186

Ion Ratio Lower Upper

92 100

91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

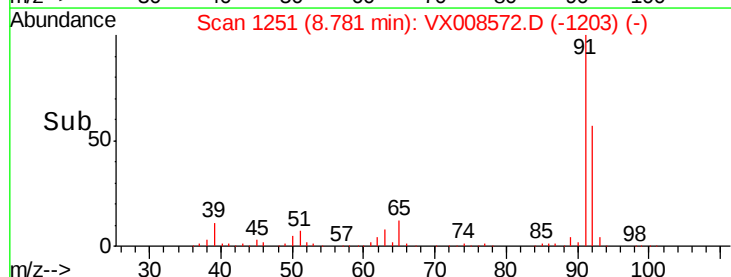
8.78

100000

50000

0

Time-->

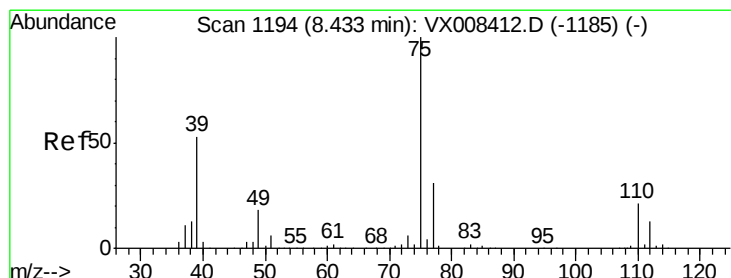
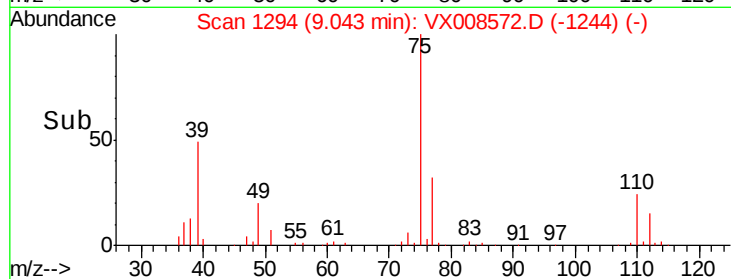
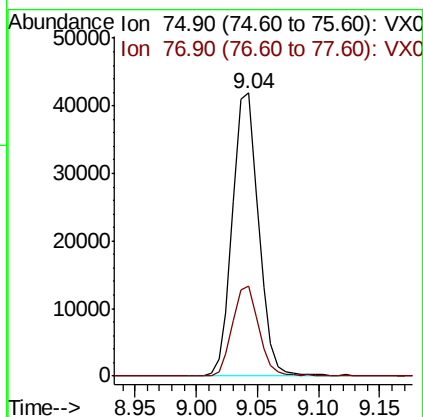
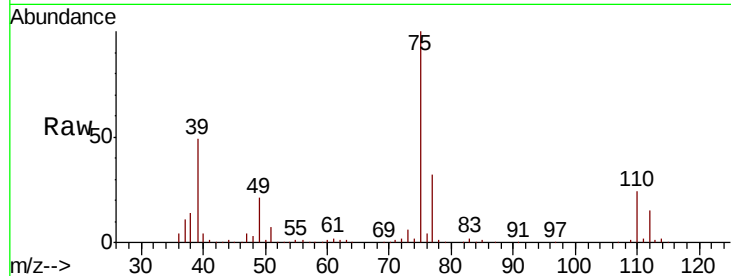




#53
t-1,3-Dichloropropene
Concen: 18.127 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

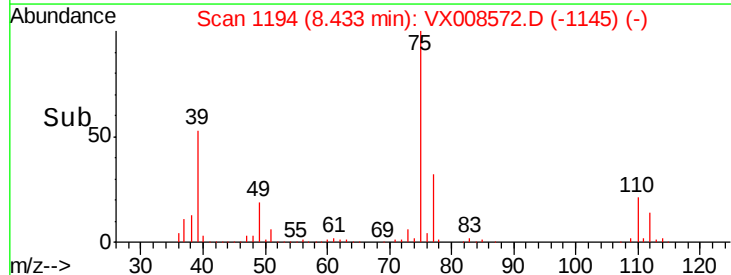
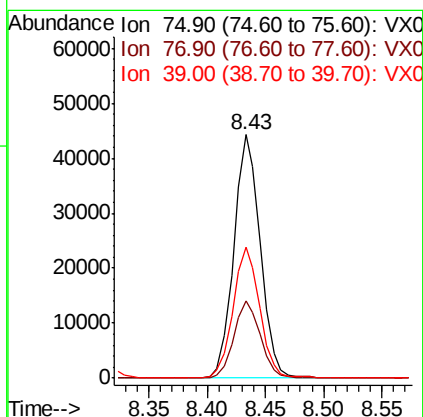
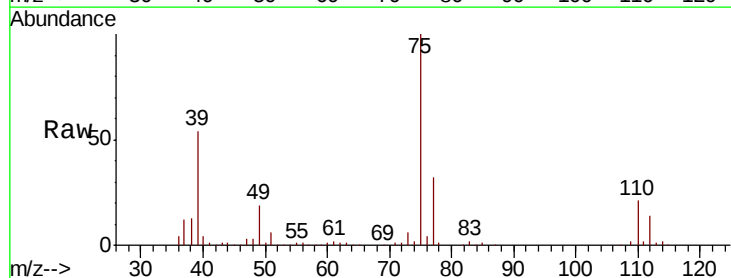
Instrument :
MSVOA_X
ClientSampleId :

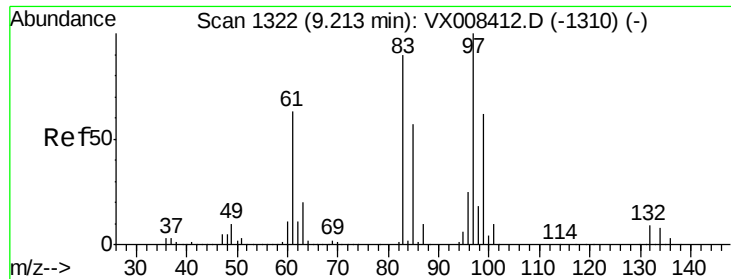
Tot Ion: 75 Resp: 62078
Ion Ratio Lower Upper
75 100
77 31.9 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 18.016 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 75 Resp: 70158
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 53.3 42.4 63.6

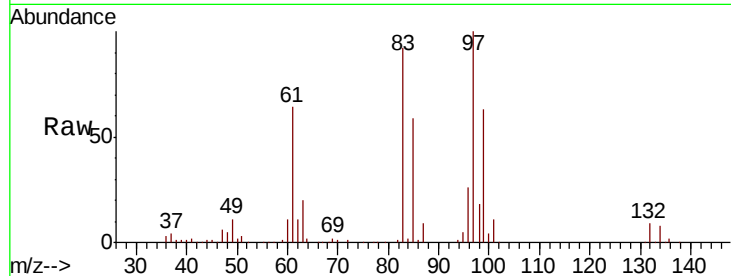




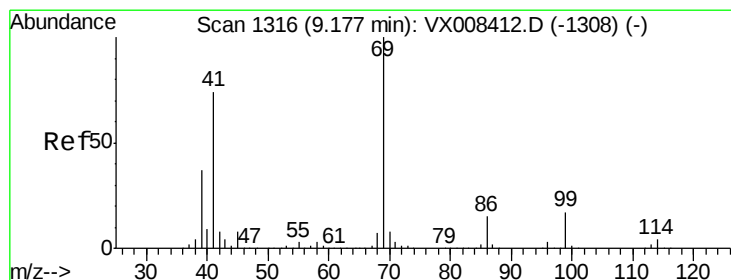
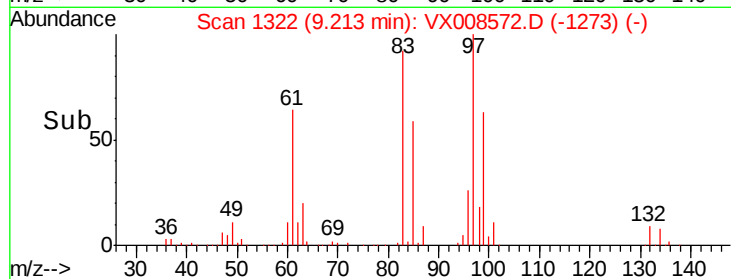
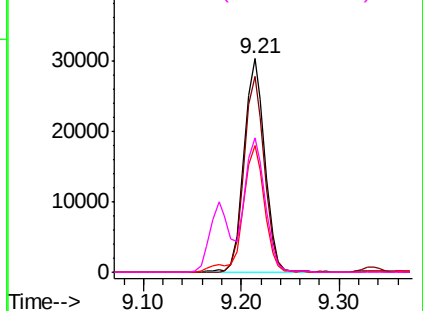
#55
 1,1,2-Trichloroethane
 Concen: 18.645 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	44662
Ion	Ratio	Lower	Upper
97	100		
83	91.8	71.8	107.6
85	59.3	45.9	68.9
99	63.2	49.4	74.0

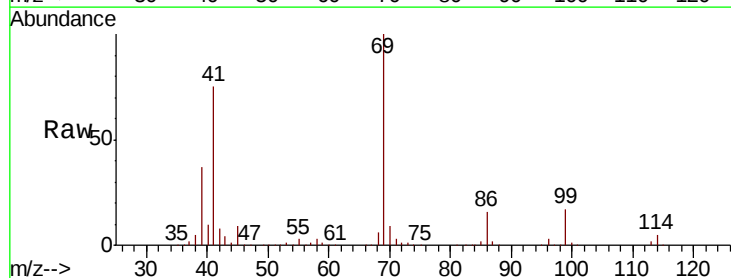


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

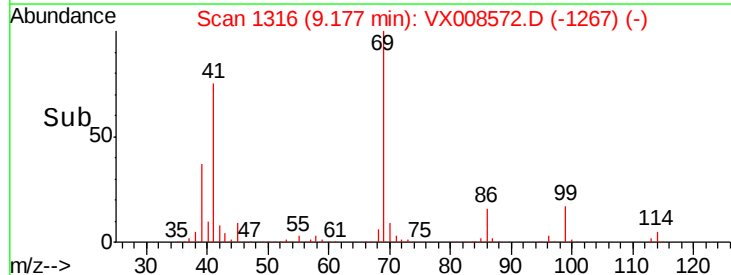
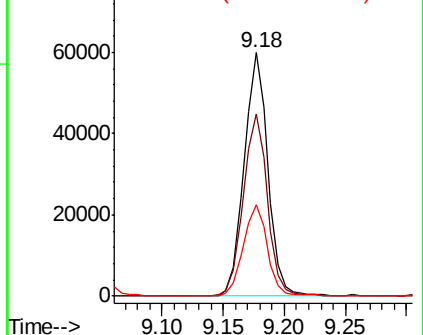


#56
 Ethyl methacrylate
 Concen: 18.668 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion:	69	Resp:	80718
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.5	89.3
39	37.6	29.3	43.9



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





#57

1,3-Dichloropropane

Concen: 18.466 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

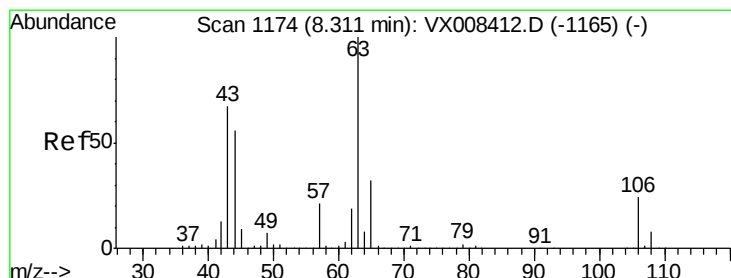
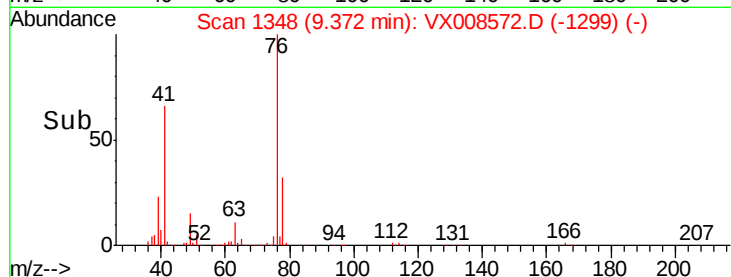
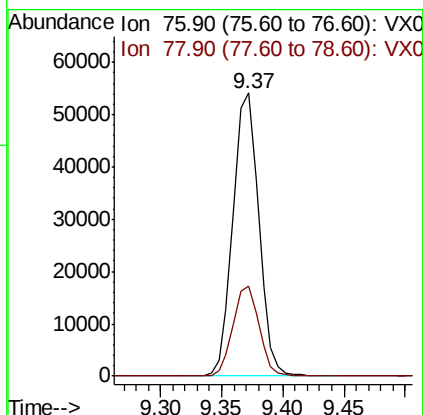
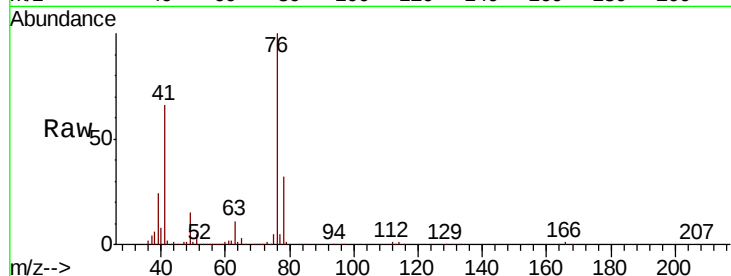
ClientSampled :

Tot Ion: 76 Resp: 79305

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.343 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008572.D

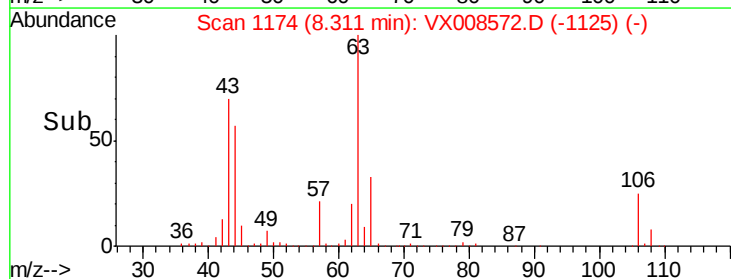
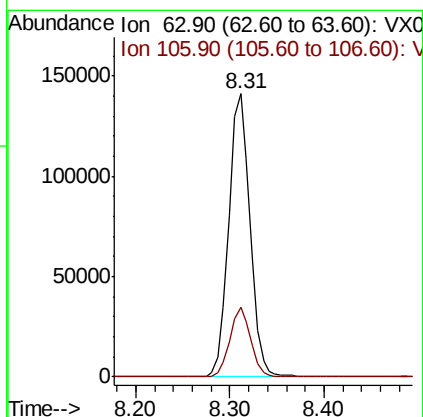
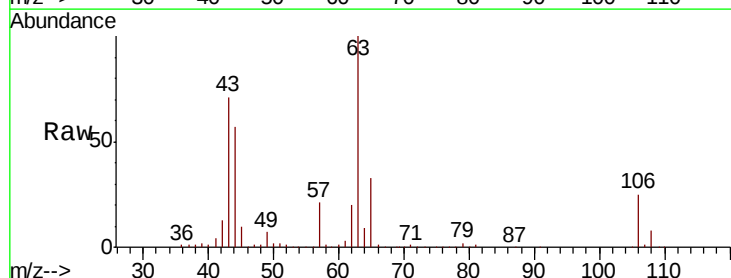
Acq: 01 Apr 2019 16:33

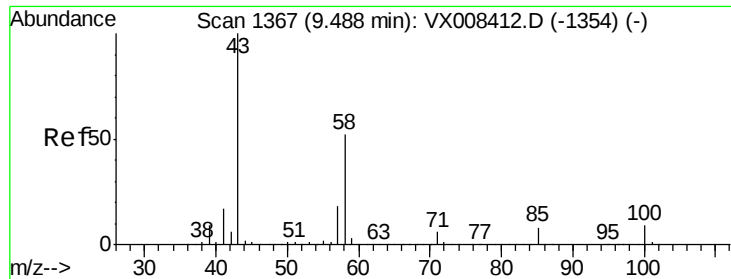
Tgt Ion: 63 Resp: 222039

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.6

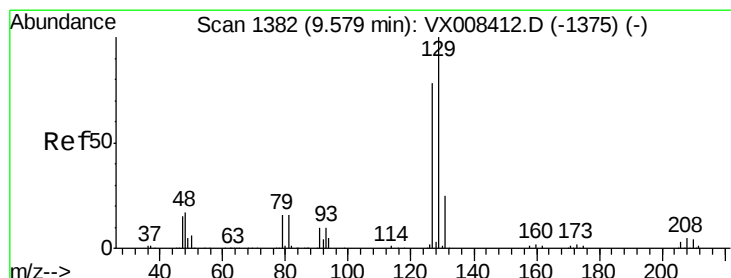
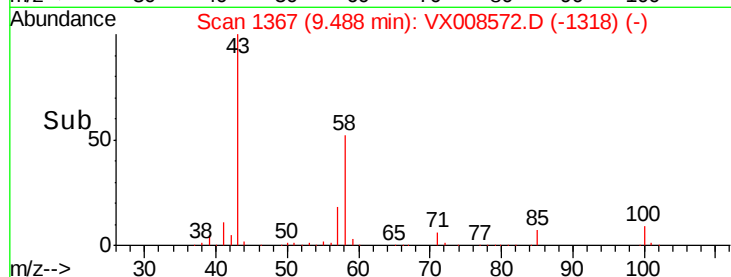
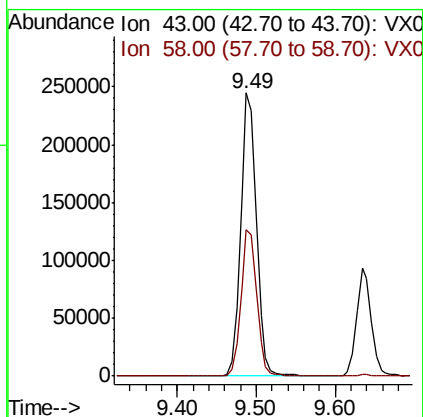
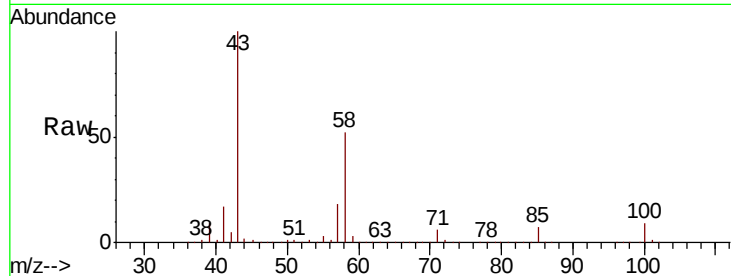




#59
2-Hexanone
Concen: 98.843 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

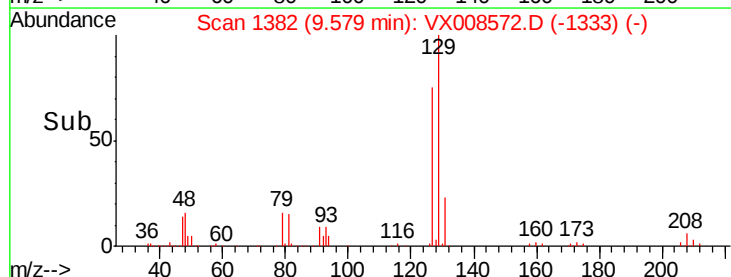
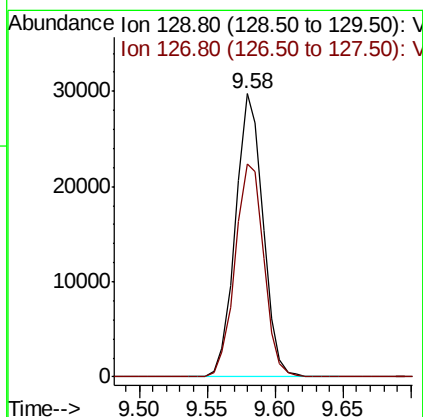
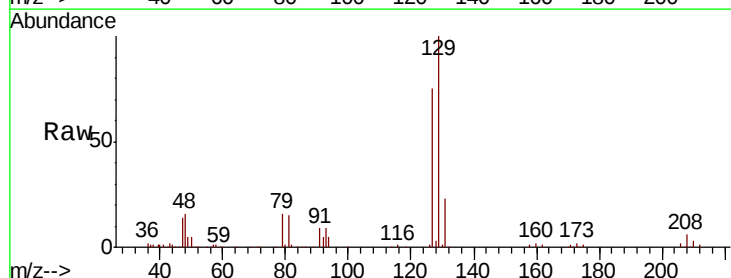
Instrument :
MSVOA_X
ClientSampleId :

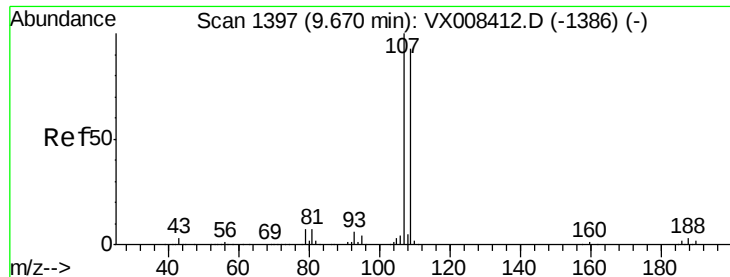
Tot Ion: 43 Resp: 338854
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9



#60
Dibromochloromethane
Concen: 18.445 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion:129 Resp: 42018
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 18.426 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

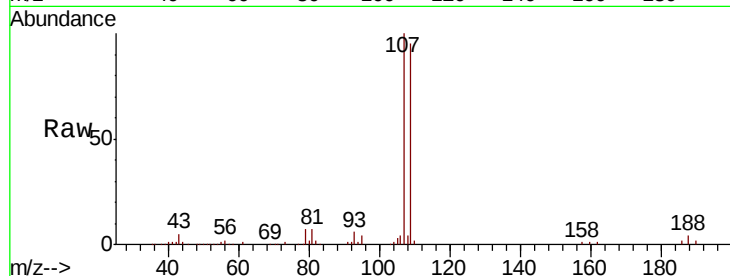
ClientSampleId :

Tot Ion:107 Resp: 45042

Ion Ratio Lower Upper

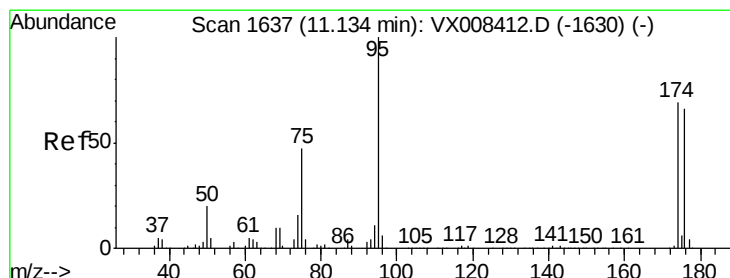
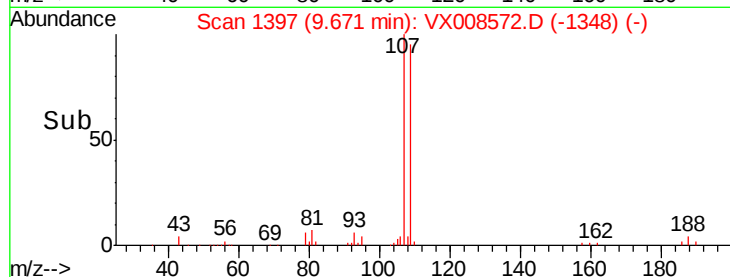
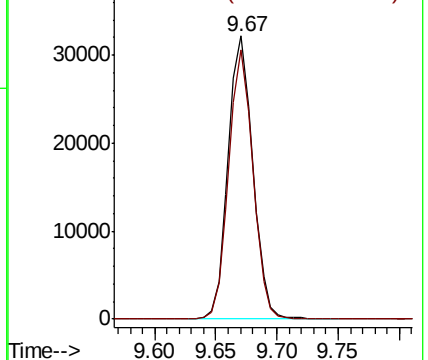
107 100

109 93.3 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.851 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

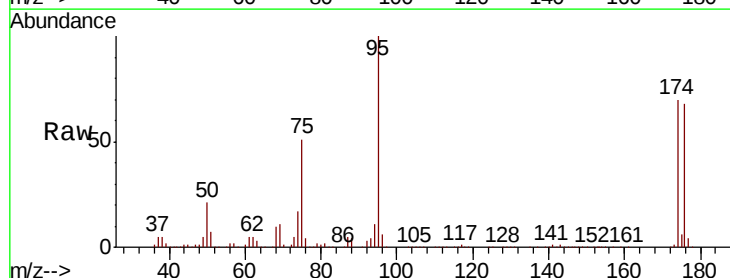
Tgt Ion: 95 Resp: 142540

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.2

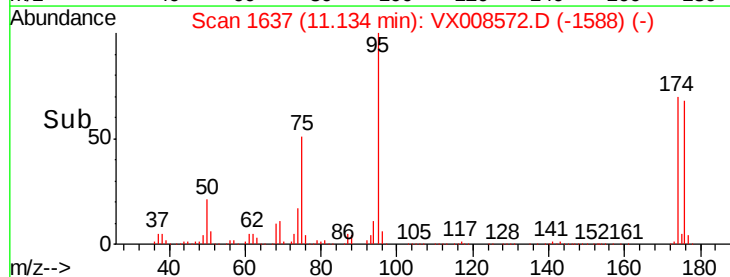
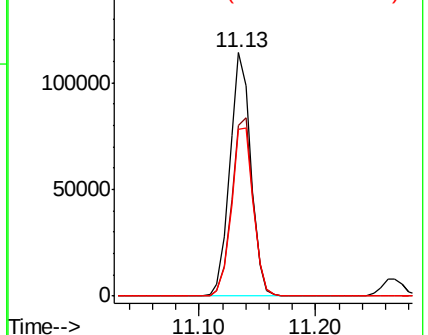
176 72.0 0.0 142.4

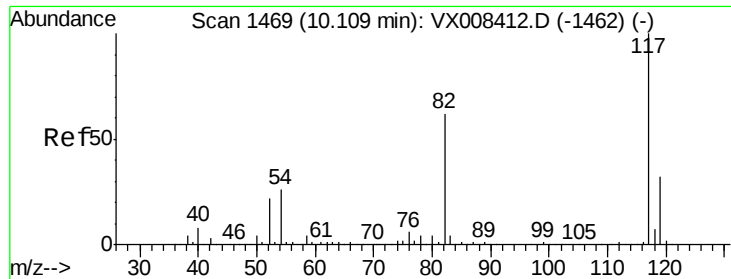


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

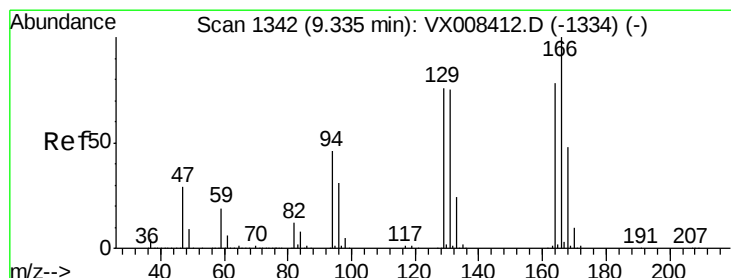
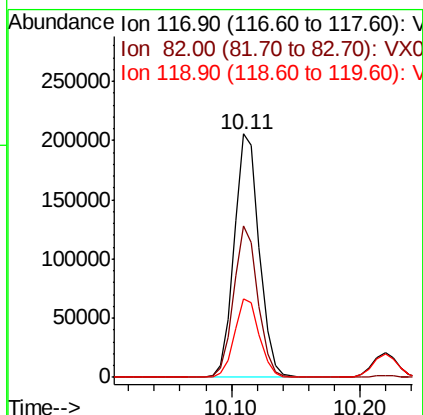
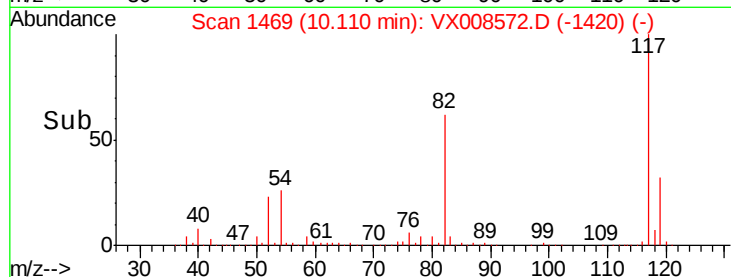
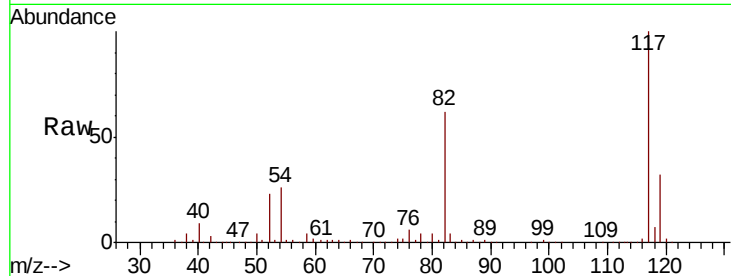




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

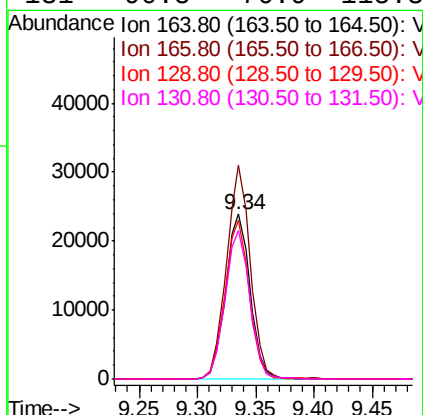
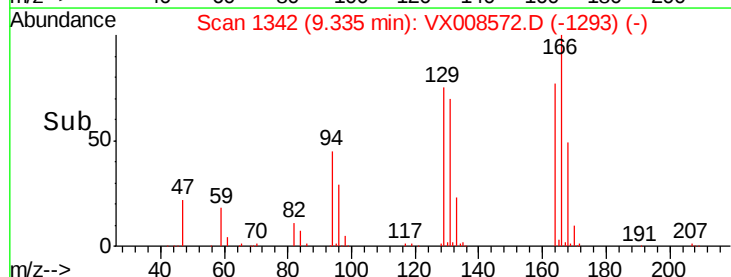
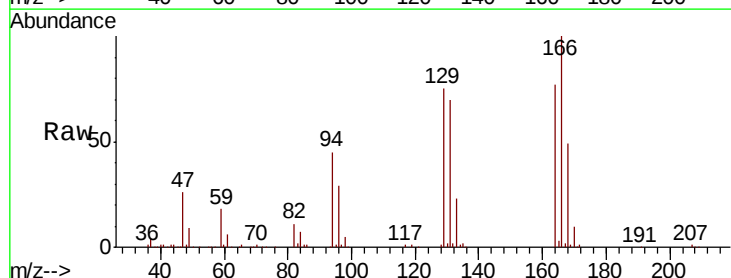
Instrument :
MSVOA_X
ClientSampleId :

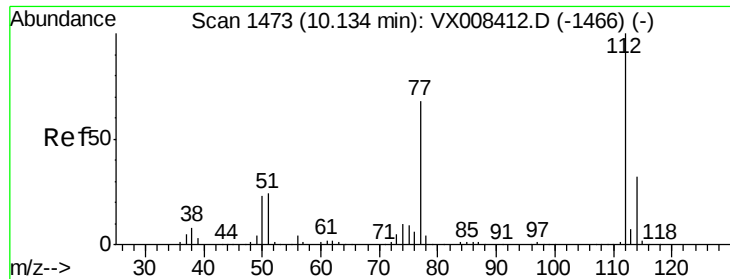
Tot Ion:117 Resp: 277768
Ion Ratio Lower Upper
117 100
82 62.0 49.4 74.2
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 18.429 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion:164 Resp: 34656
Ion Ratio Lower Upper
164 100
166 129.8 102.5 153.7
129 96.8 77.8 116.8
131 90.5 76.9 115.3

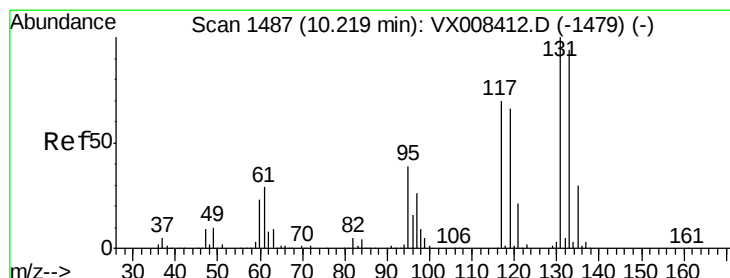
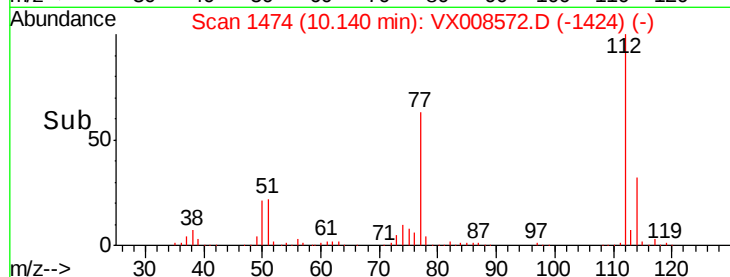
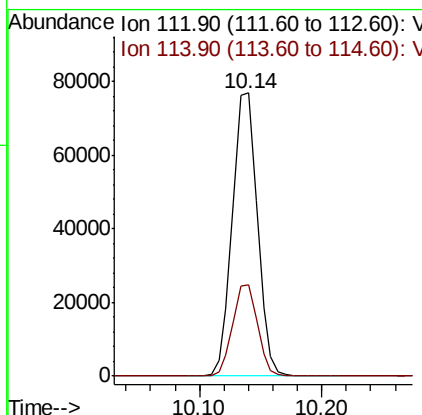
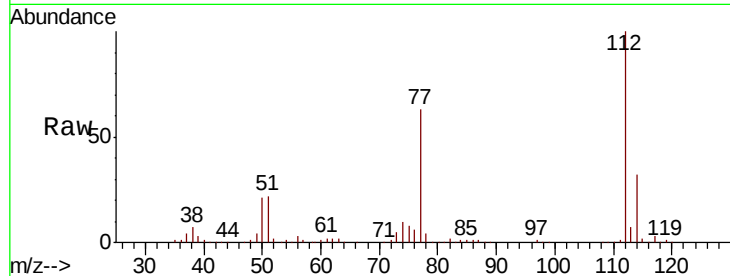




#65
Chlorobenzene
Concen: 18.056 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

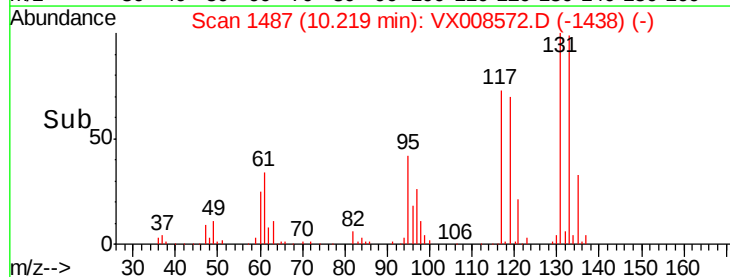
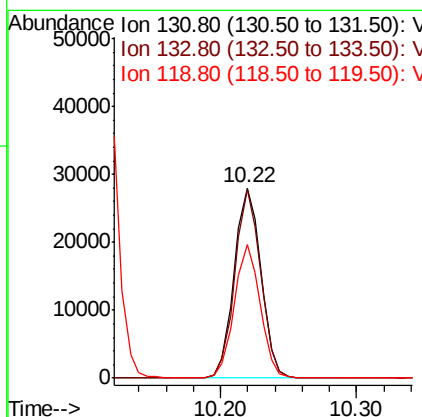
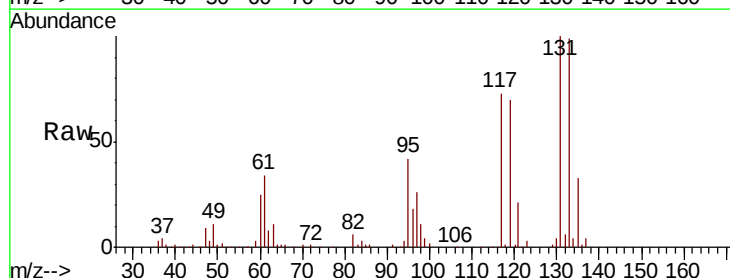
Instrument :
MSVOA_X
ClientSampled :

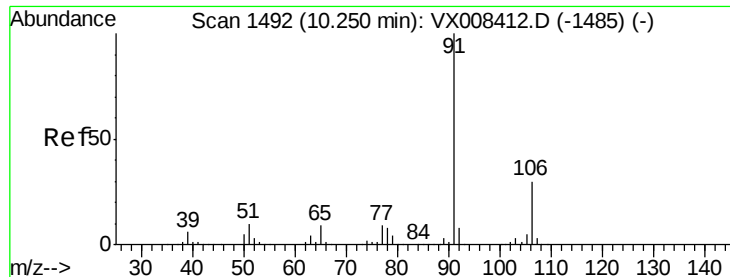
Tot Ion:112 Resp: 109071
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.453 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion:131 Resp: 38457
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 67.7 33.6 100.6

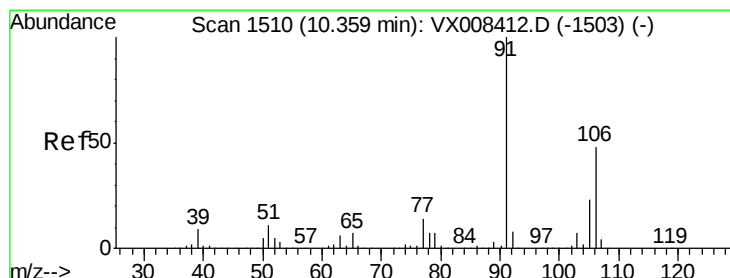
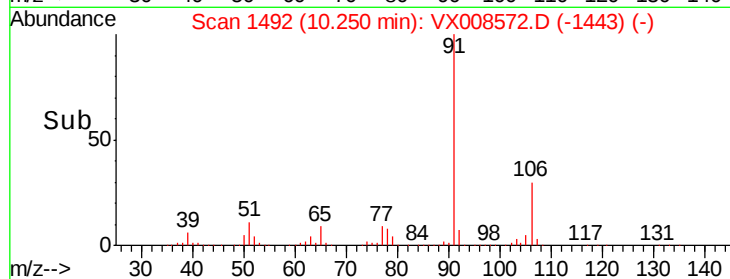
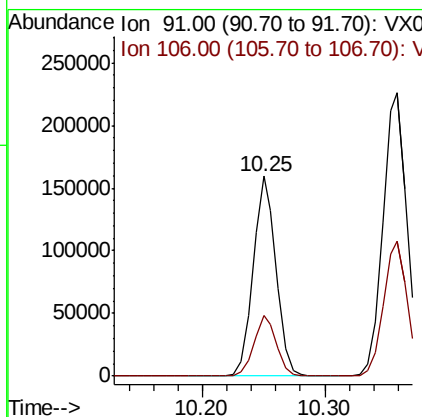
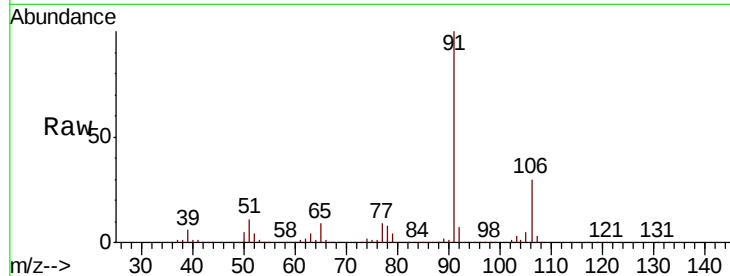




#67
Ethyl Benzene
Concen: 18.194 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

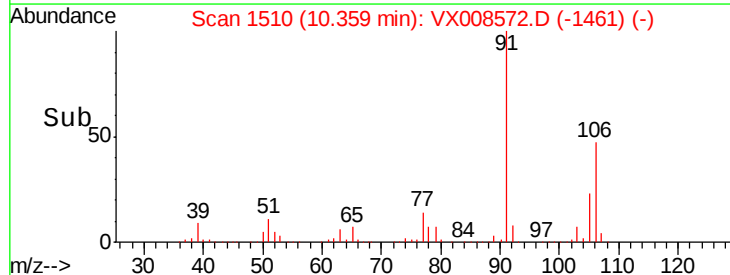
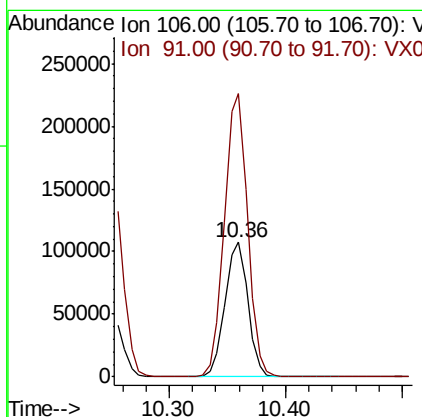
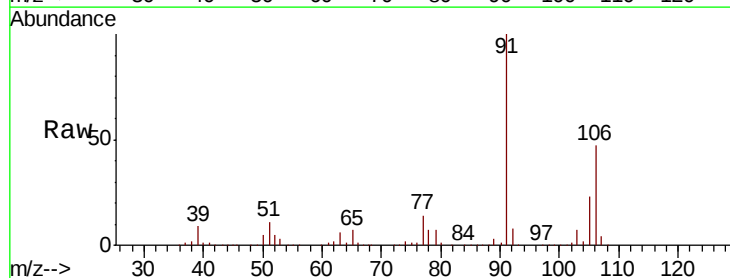
Instrument :
MSVOA_X
ClientSampled :

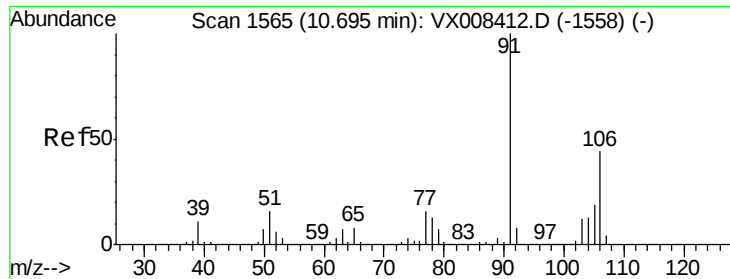
Tot Ion: 91 Resp: 207416
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 35.419 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 106 Resp: 146898
Ion Ratio Lower Upper
106 100
91 211.7 168.6 253.0

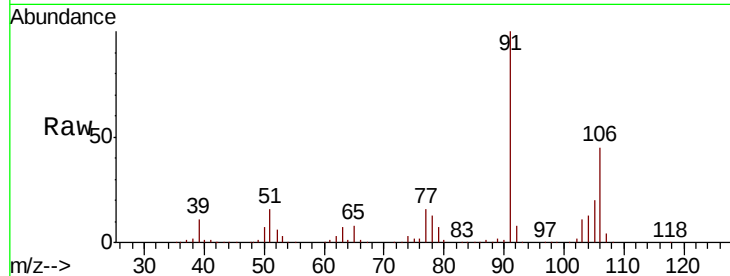




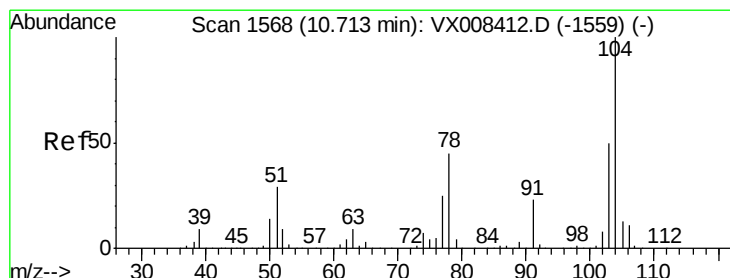
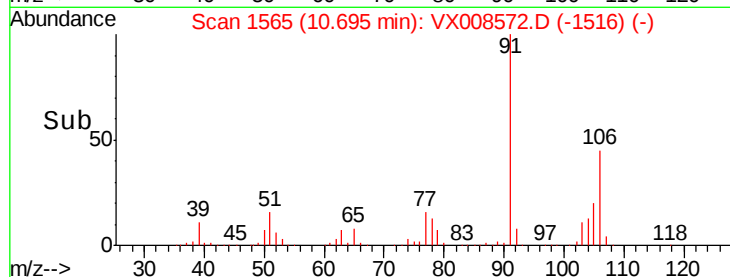
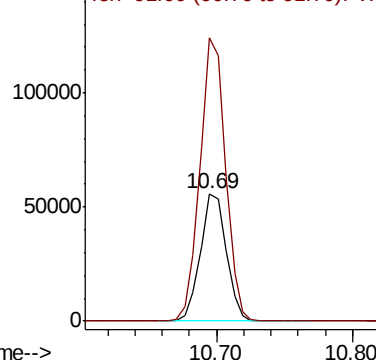
#69
o-Xylene
Concen: 18.405 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 74076
Ion Ratio Lower Upper
106 100
91 219.2 111.4 334.2

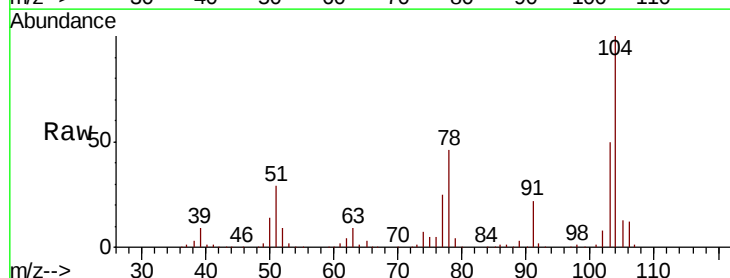


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

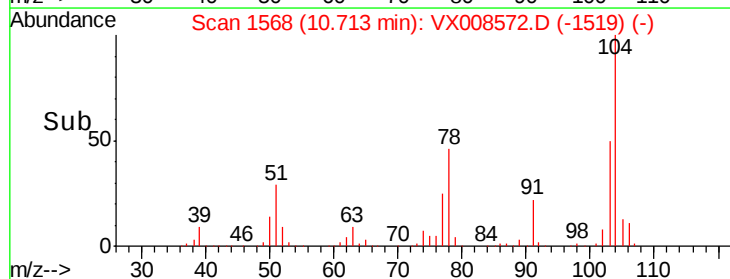
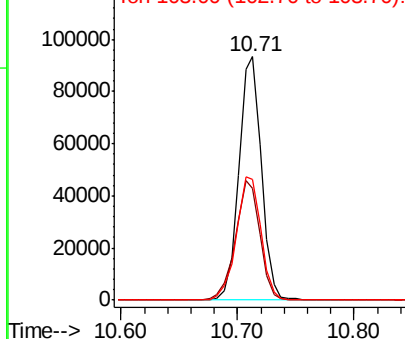


#70
Styrene
Concen: 18.077 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion:104 Resp: 125672
Ion Ratio Lower Upper
104 100
78 53.4 42.5 63.7
103 55.6 44.2 66.4



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





#71

Bromoform

Concen: 17.949 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

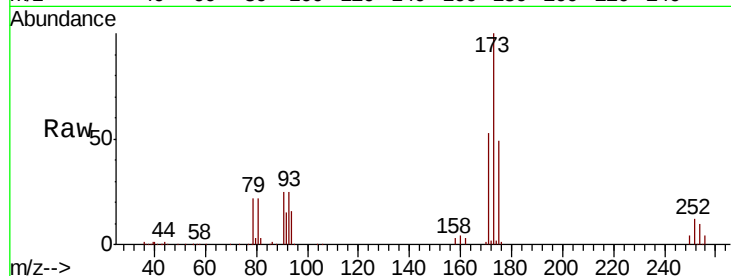
Tot Ion:173 Resp: 29542

Ion Ratio Lower Upper

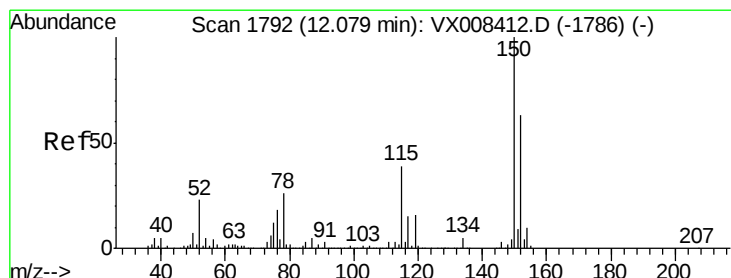
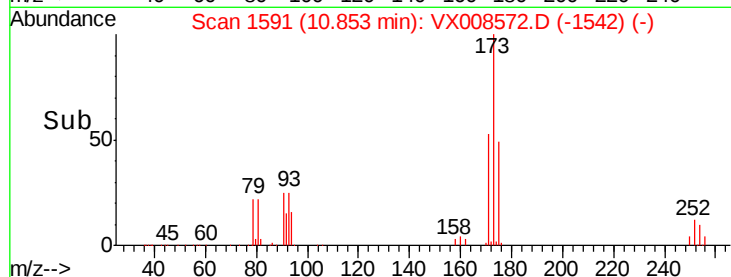
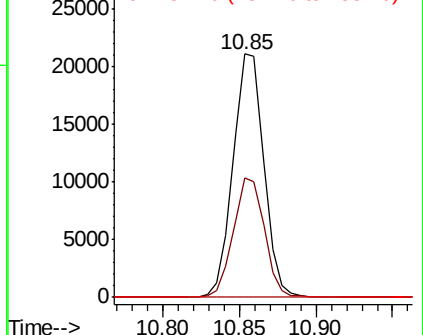
173 100

175 49.5 24.3 72.8

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

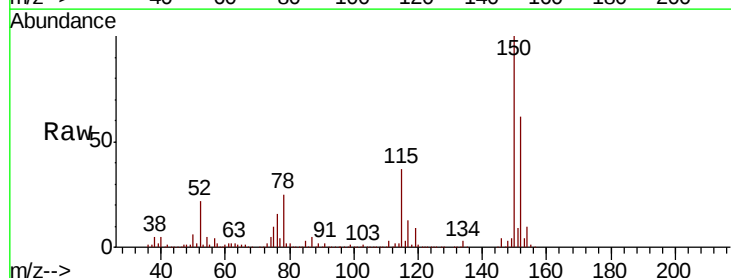
Tgt Ion:152 Resp: 128121

Ion Ratio Lower Upper

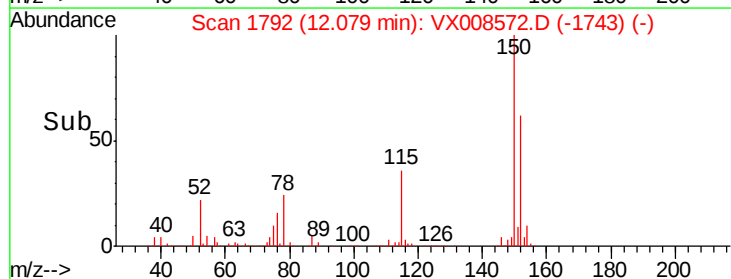
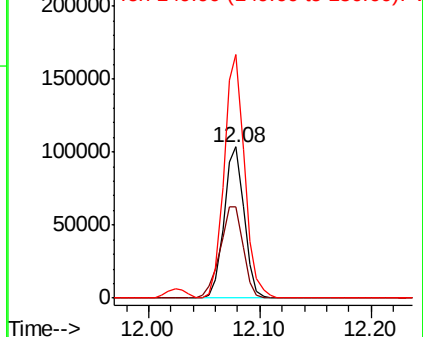
152 100

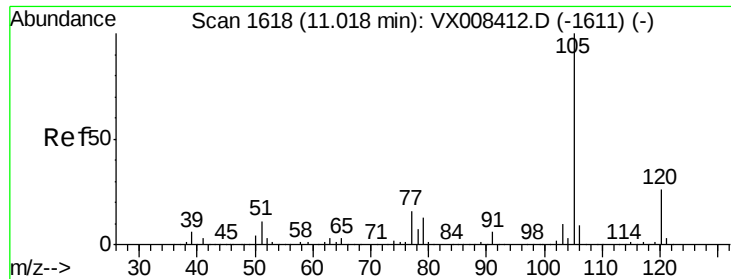
115 69.9 43.5 130.5

150 165.3 0.0 348.8



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





#73

Isopropylbenzene

Concen: 18.616 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

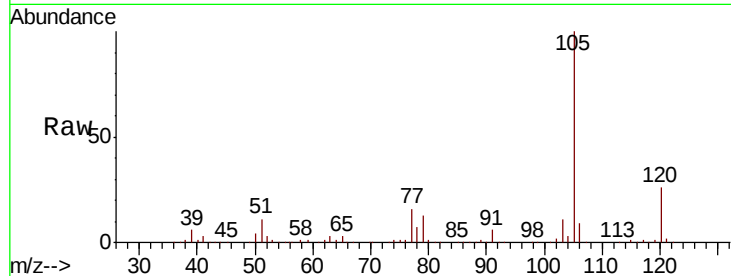
ClientSampleId :

Tot Ion:105 Resp: 194040

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

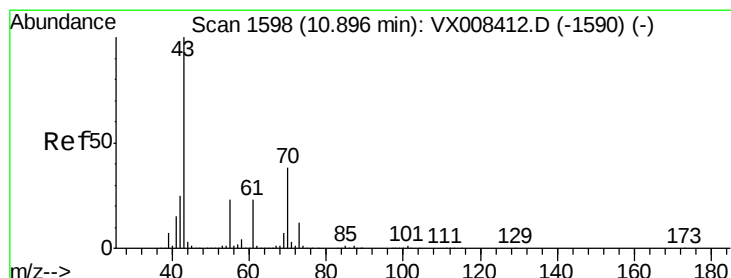
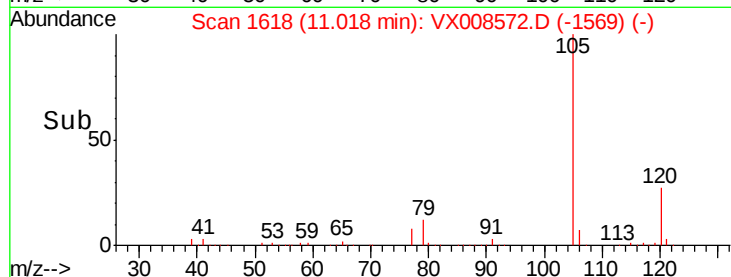
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.303 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion: 43 Resp: 116459

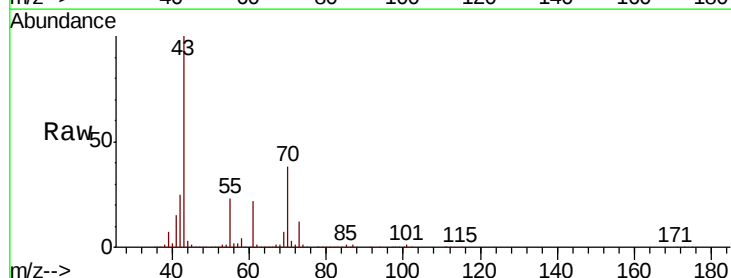
Ion Ratio Lower Upper

43 100

70 37.9 30.5 45.7

55 22.7 18.2 27.2

61 22.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

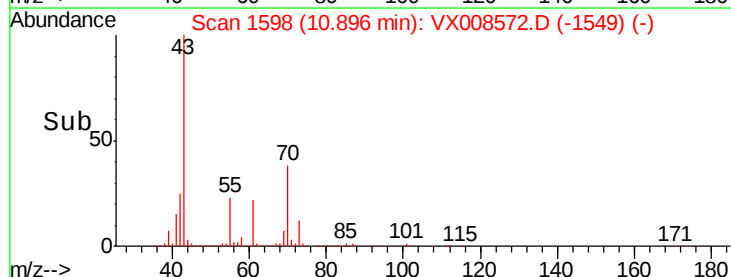
150000

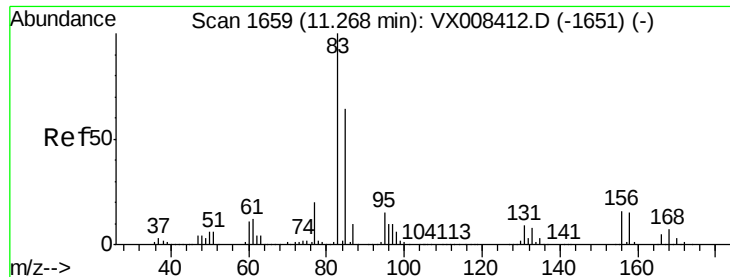
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.014 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

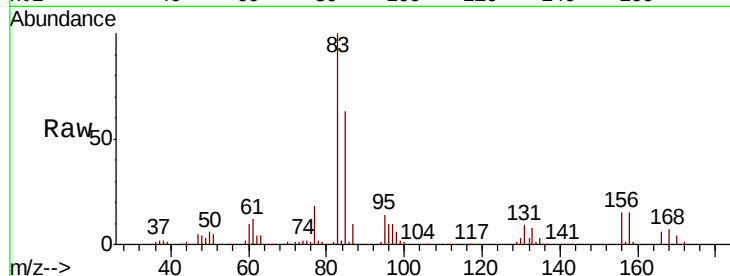
Tot Ion: 83 Resp: 76896

Ion Ratio Lower Upper

83 100

131 8.8 4.5 13.4

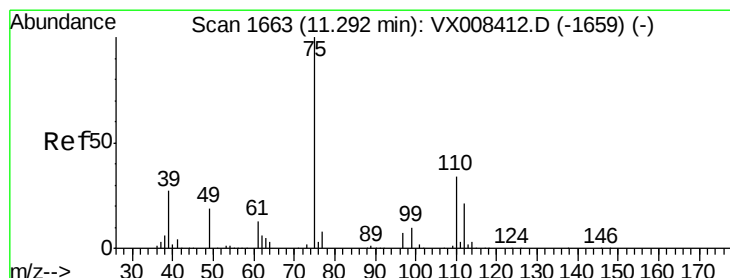
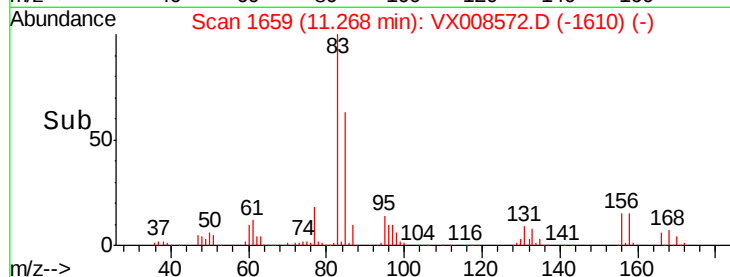
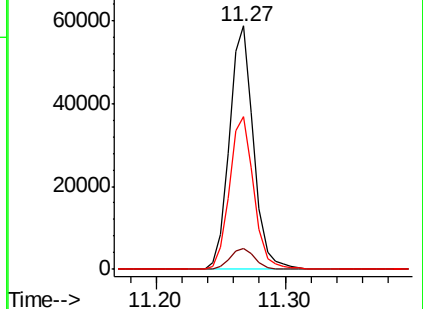
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.938 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008572.D

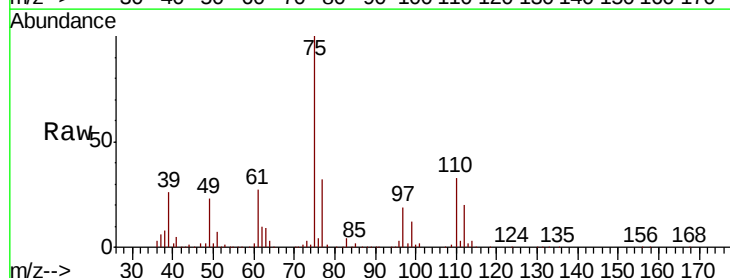
Acq: 01 Apr 2019 16:33

Tgt Ion: 75 Resp: 83561

Ion Ratio Lower Upper

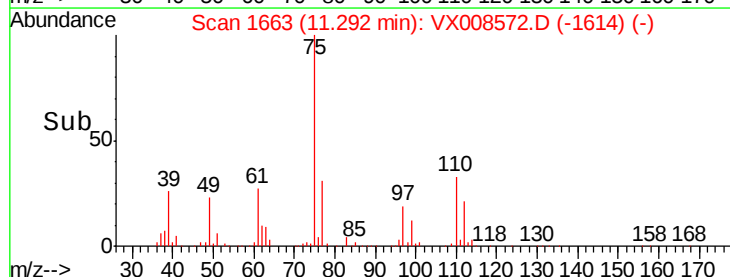
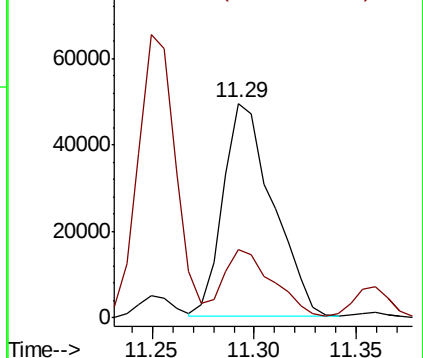
75 100

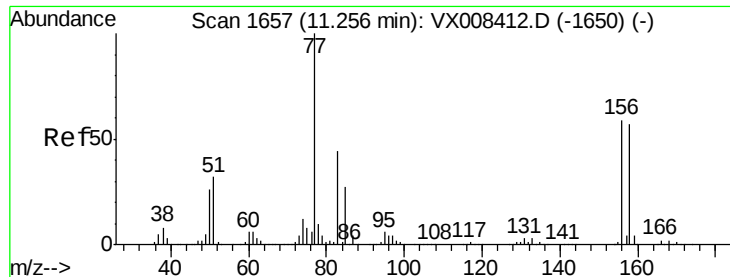
77 32.1 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.262 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

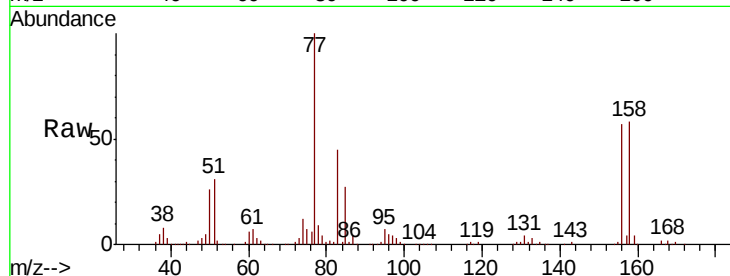
Tot Ion:156 Resp: 46198

Ion Ratio Lower Upper

156 100

77 181.3 91.1 273.3

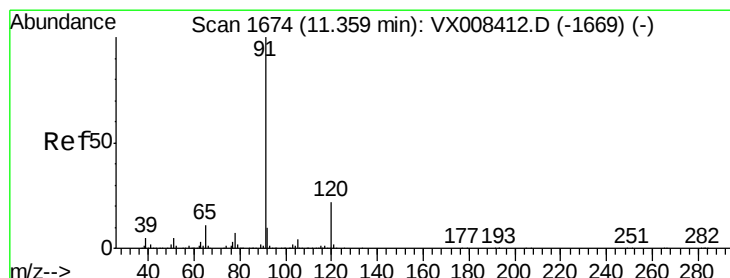
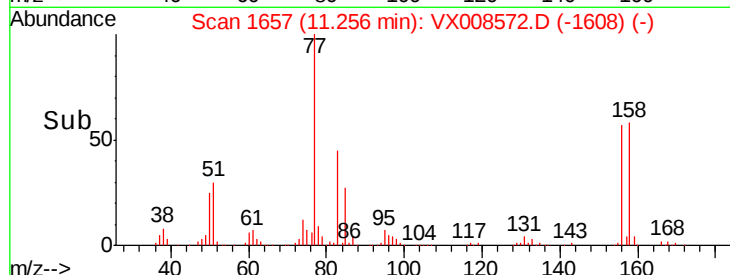
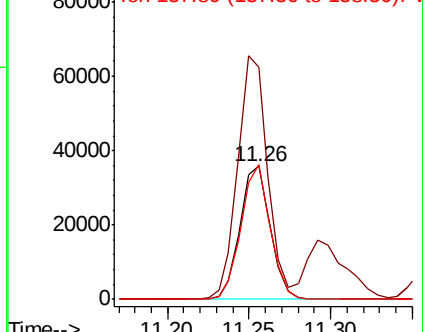
158 98.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.191 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008572.D

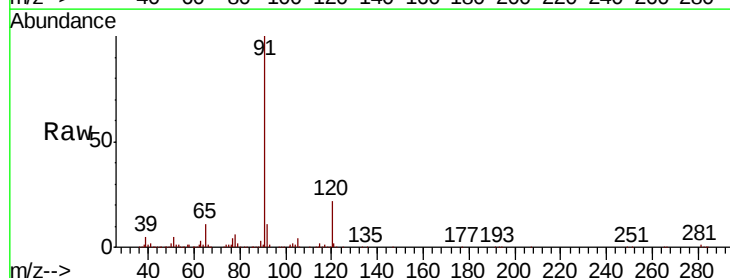
Acq: 01 Apr 2019 16:33

Tgt Ion: 91 Resp: 222117

Ion Ratio Lower Upper

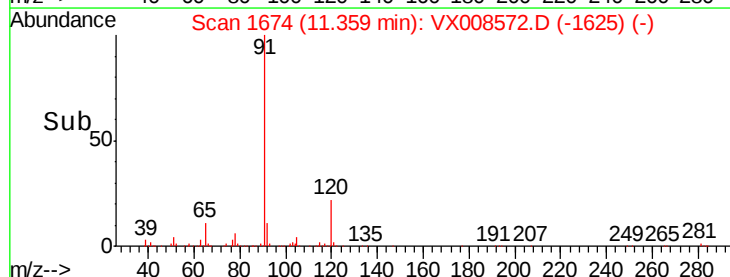
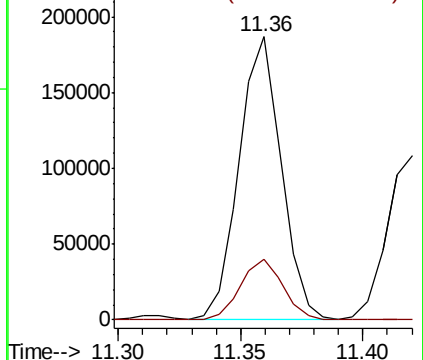
91 100

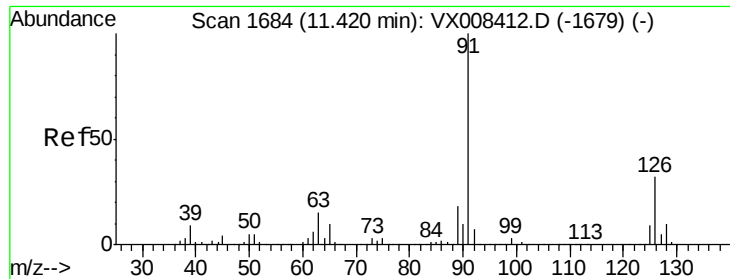
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

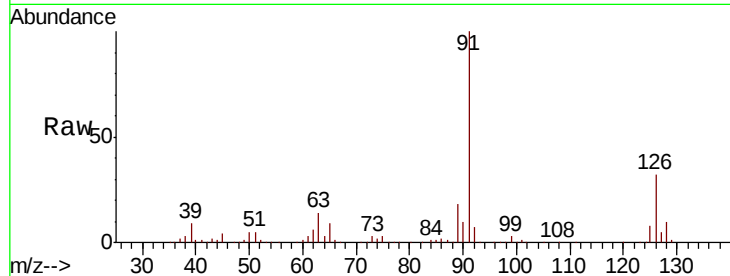




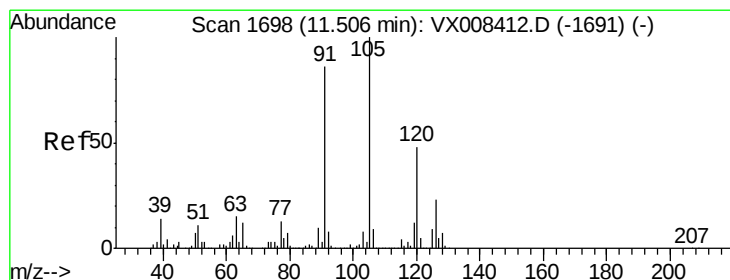
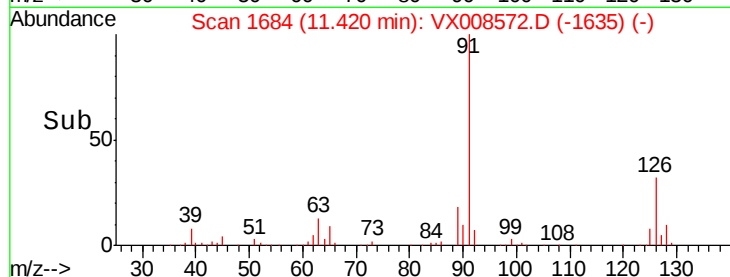
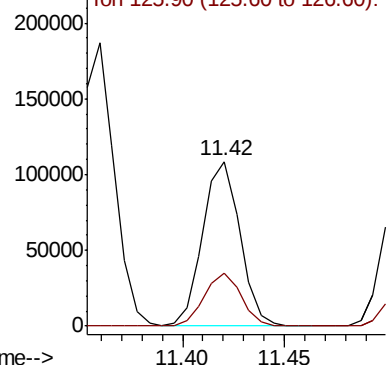
#79
 2-Chlorotoluene
 Concen: 18.404 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 136680
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1

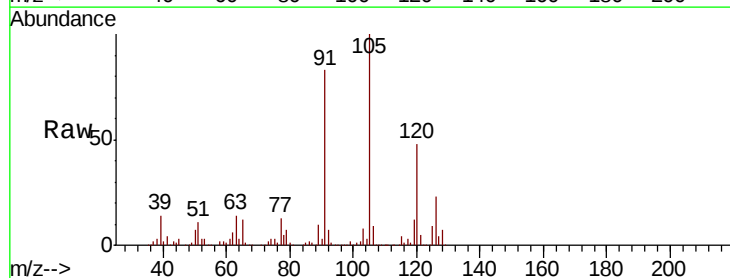


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

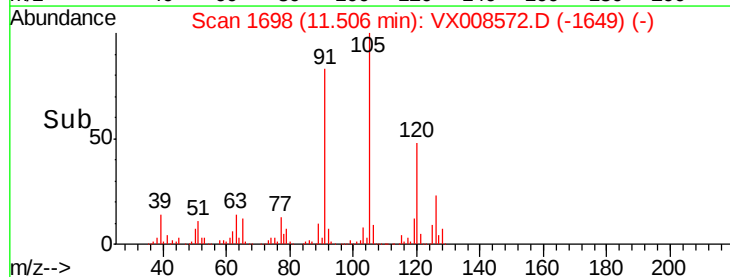
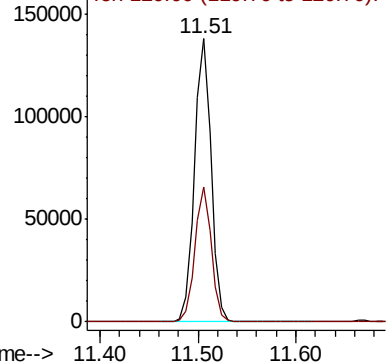


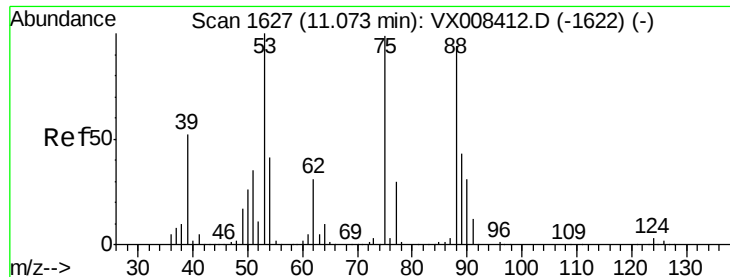
#80
 1,3,5-Trimethylbenzene
 Concen: 18.485 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion:105 Resp: 162887
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.164 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

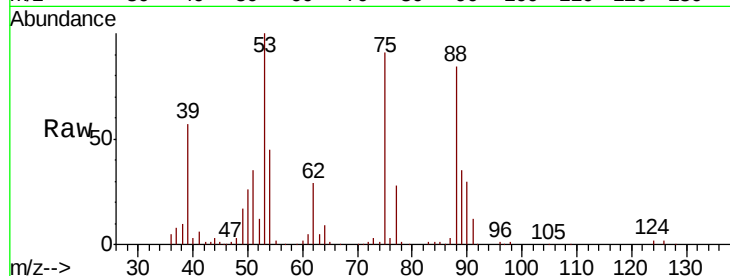
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 20412

Ion	Ratio	Lower	Upper
75	100		
53	112.5	82.1	123.1
89	42.9	34.6	52.0

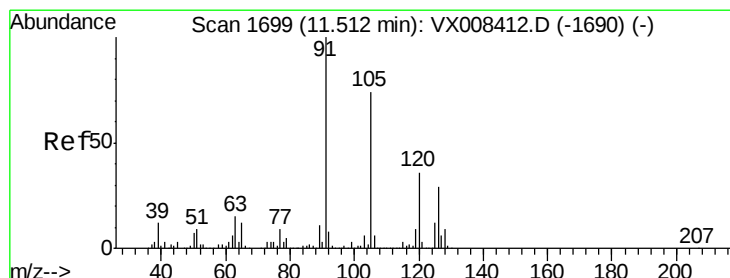
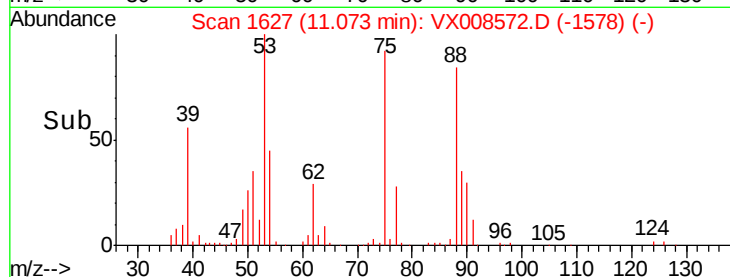
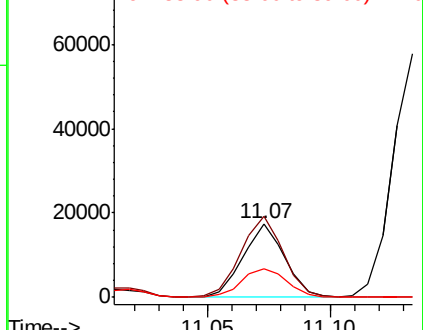


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.887 ug/l

RT: 11.51 min Scan# 1699

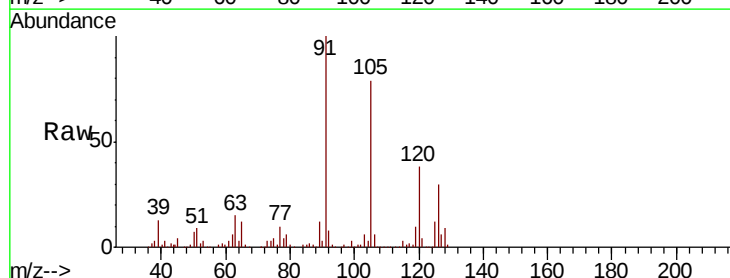
Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion: 91 Resp: 153229

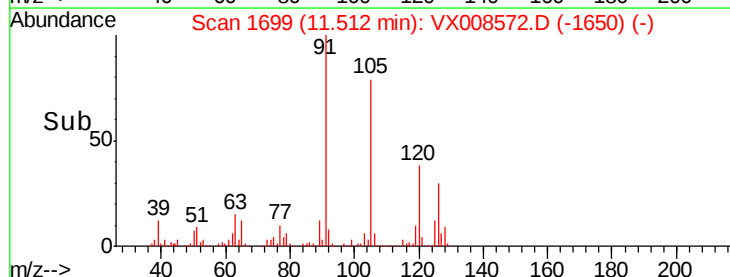
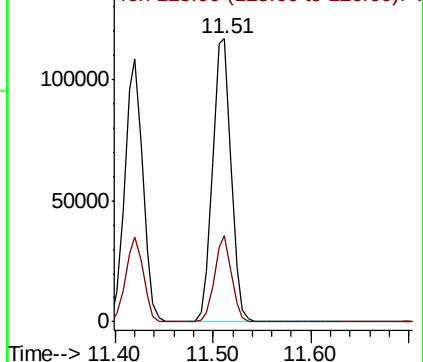
Ion	Ratio	Lower	Upper
91	100		
126	28.2	13.9	41.7

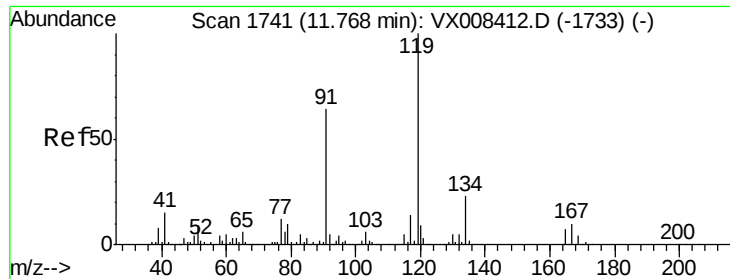


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

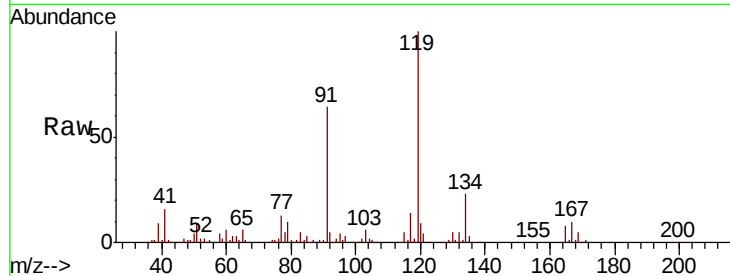




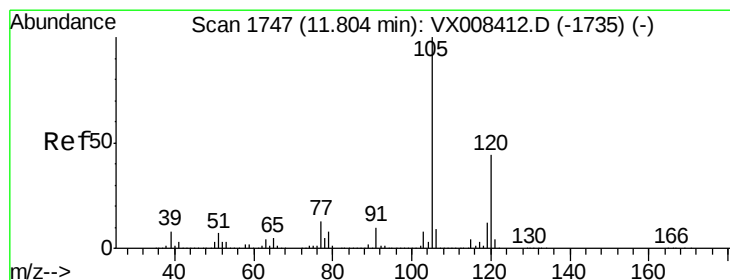
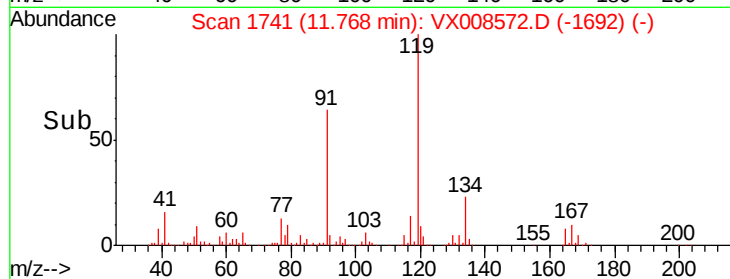
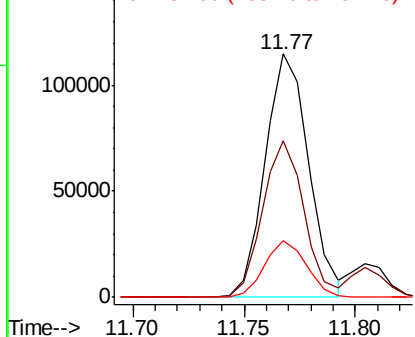
#83
 tert-Butylbenzene
 Concen: 18.325 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 155800
 Ion Ratio Lower Upper
 119 100
 91 61.2 30.1 90.3
 134 22.5 10.9 32.9

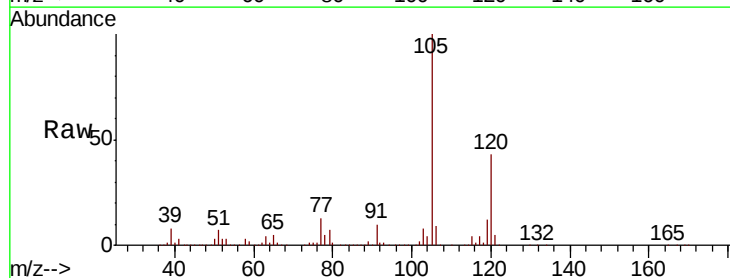


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

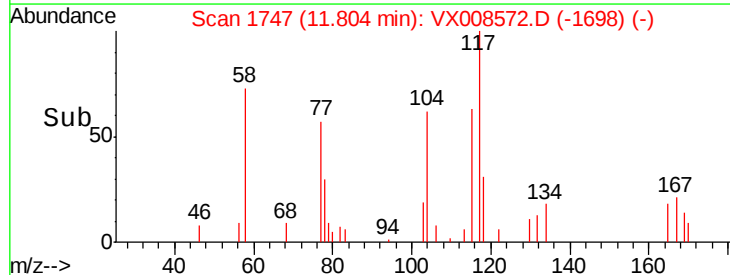
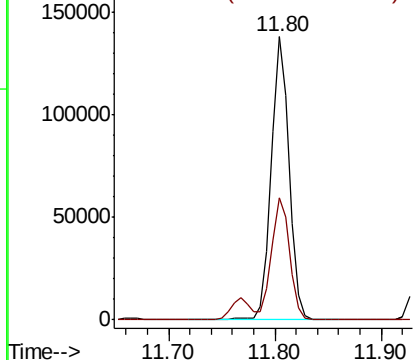


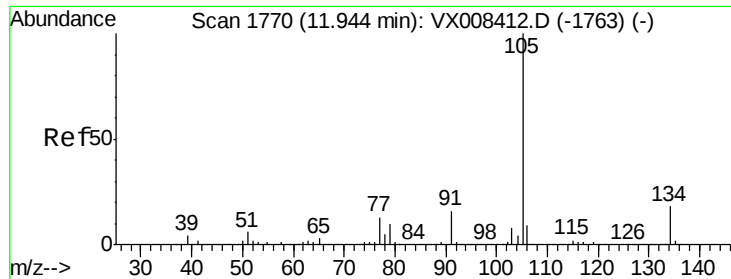
#84
 1,2,4-Trimethylbenzene
 Concen: 18.248 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion:105 Resp: 162643
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 65.0



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





#85

sec-Butylbenzene

Concen: 18.349 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

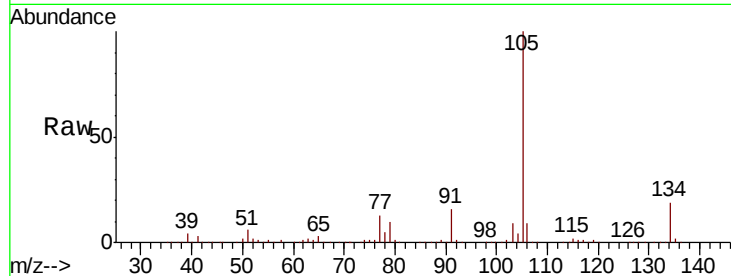
ClientSampleId :

Tot Ion:105 Resp: 185778

Ion Ratio Lower Upper

105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

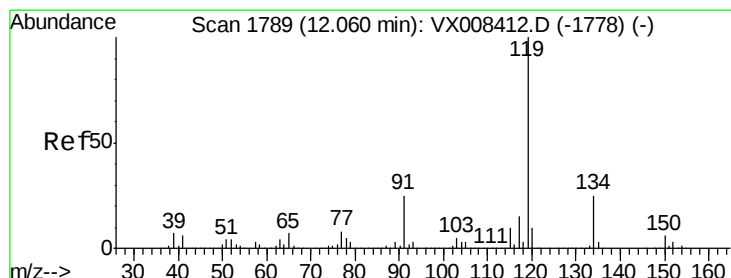
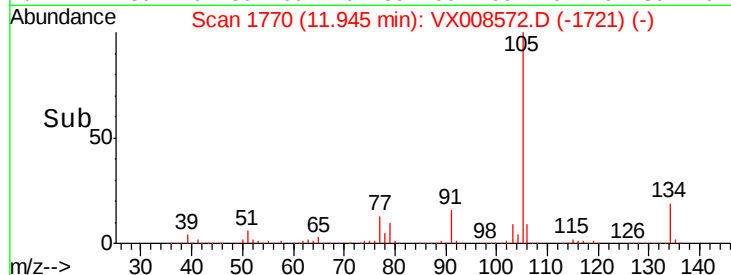
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.482 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

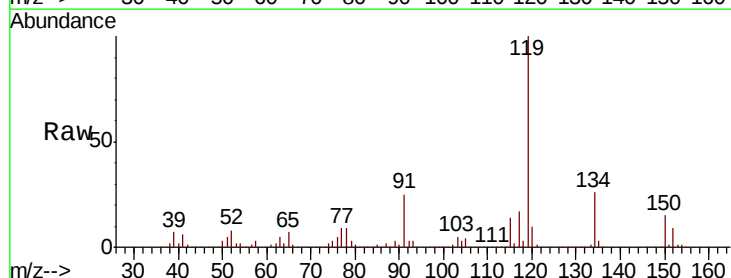
Tgt Ion:119 Resp: 165110

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 24.7 12.4 37.0



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

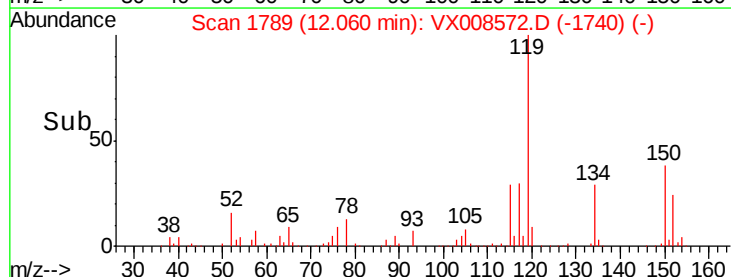
150000

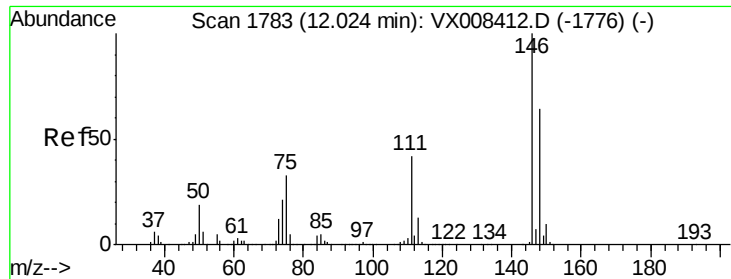
100000

50000

0

Time--> 12.00 12.05 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 17.792 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

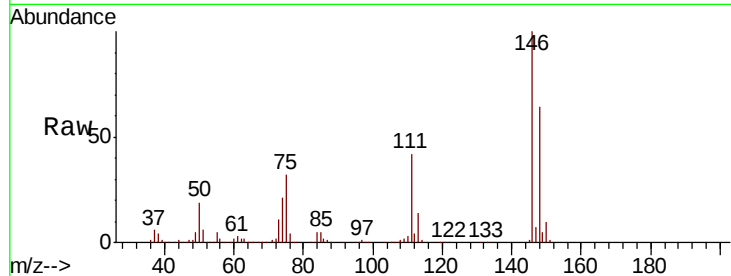
Tot Ion:146 Resp: 80416

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.5

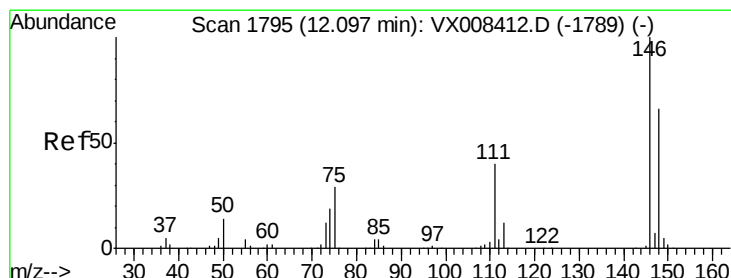
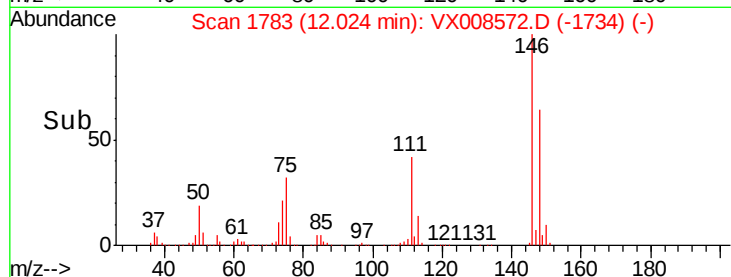
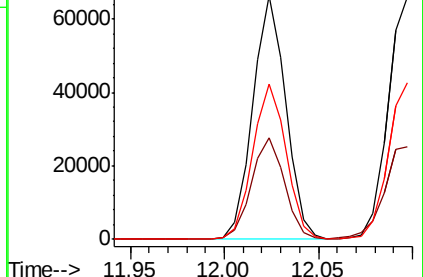
148 64.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.611 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

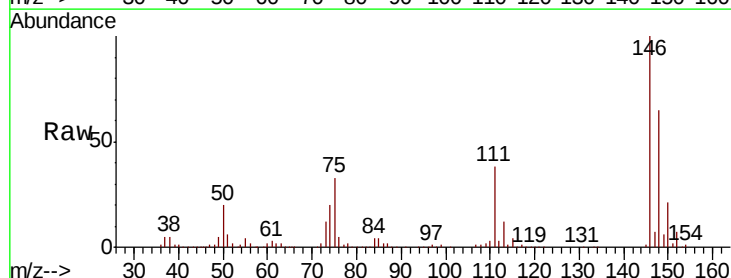
Tgt Ion:146 Resp: 80336

Ion Ratio Lower Upper

146 100

111 42.1 20.3 61.0

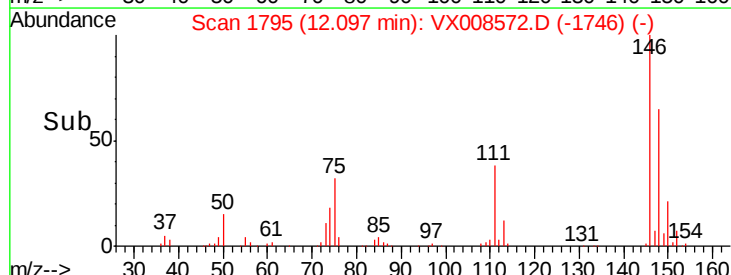
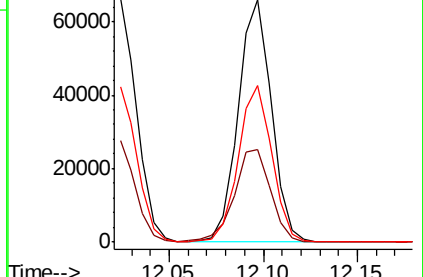
148 65.5 32.1 96.5

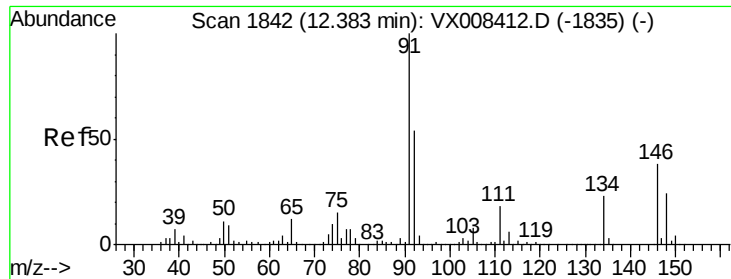


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

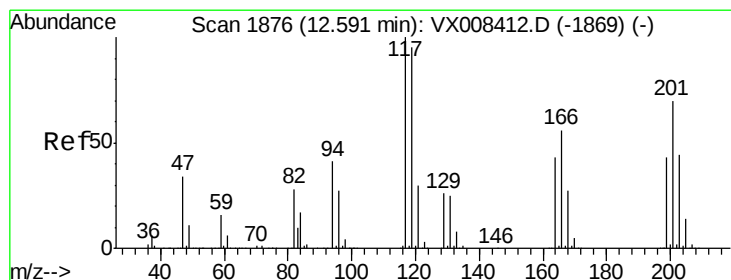
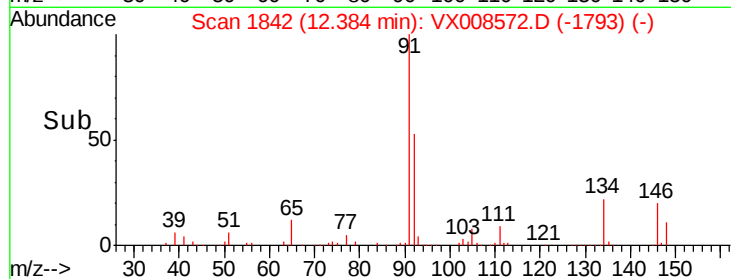
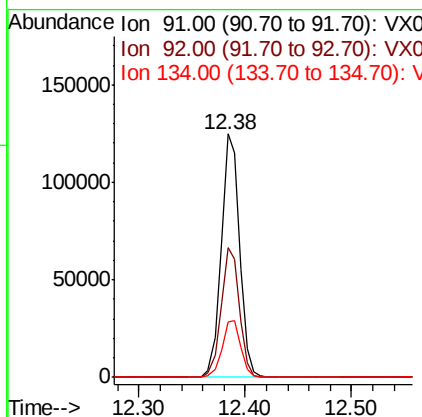
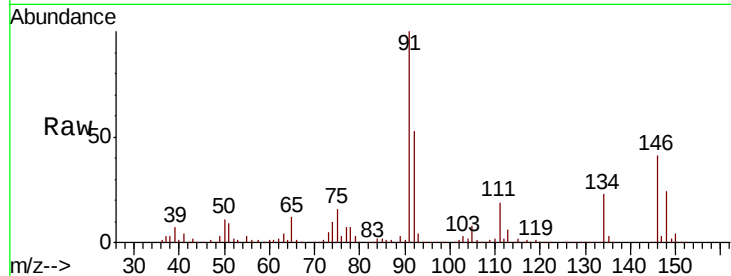




#89
n-Butylbenzene
Concen: 17.703 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

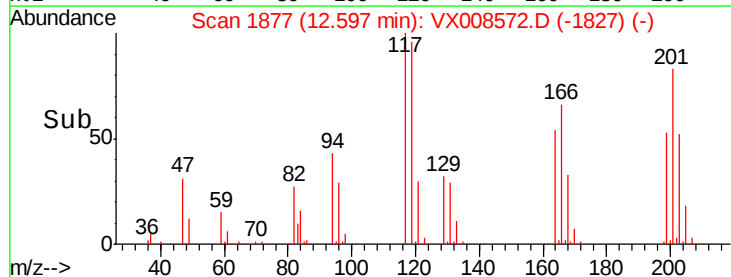
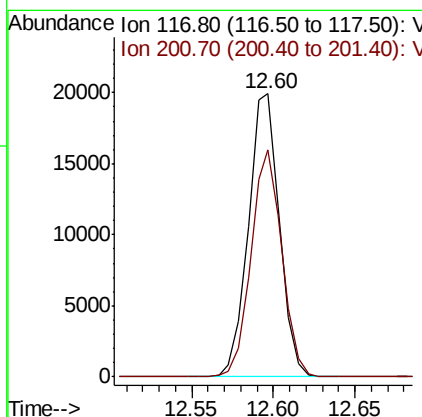
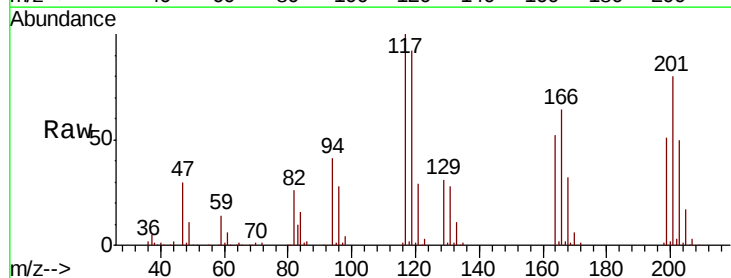
Instrument :
MSVOA_X
ClientSampleId :

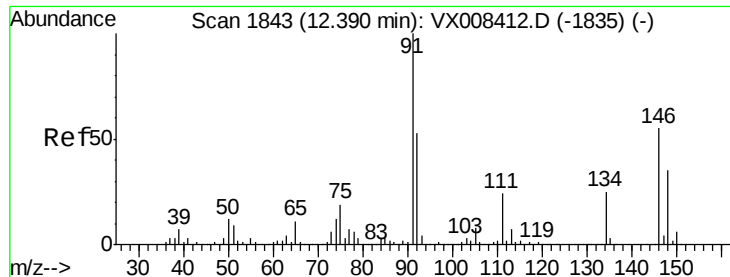
Tot Ion: 91 Resp: 149822
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 23.8 11.8 35.4



#90
Hexachloroethane
Concen: 17.735 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 117 Resp: 26395
Ion Ratio Lower Upper
117 100
201 79.1 39.4 118.1

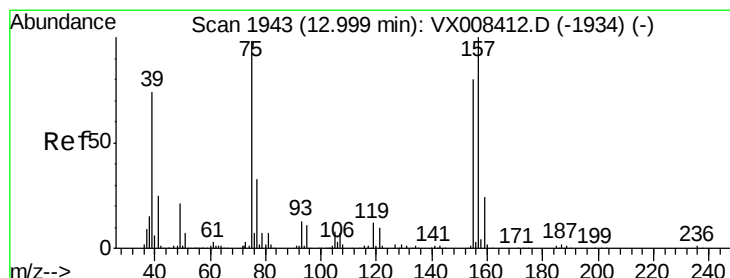
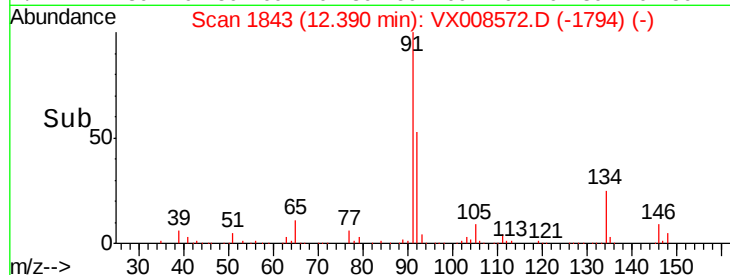
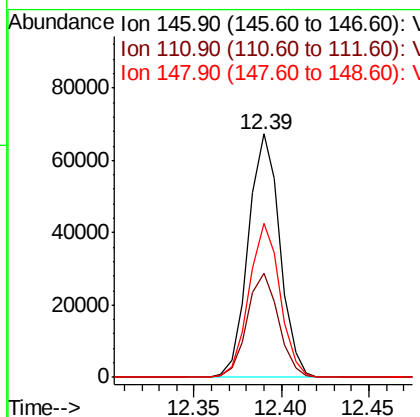
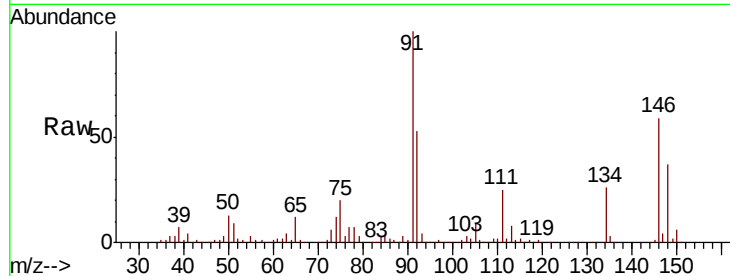




#91
 1,2-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

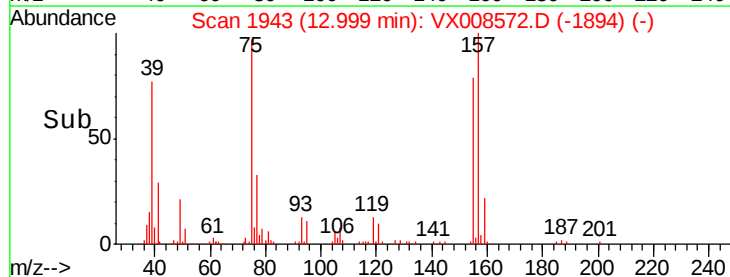
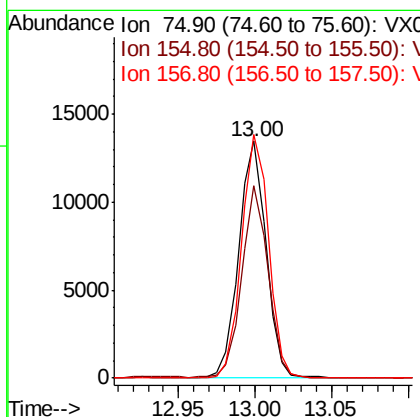
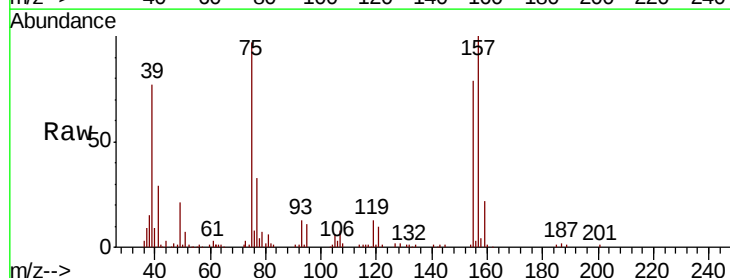
Instrument :
 MSVOA_X
 ClientSampleId :

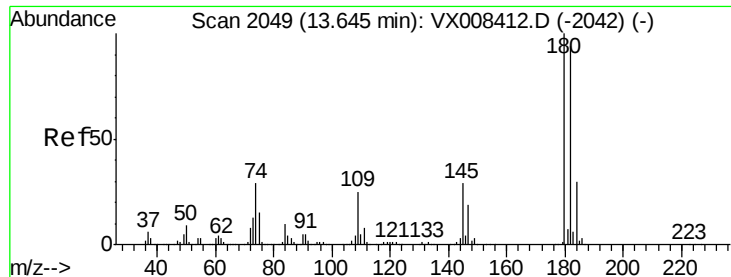
Tot Ion:146 Resp: 84305
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.6 64.6
 148 62.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.804 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 75 Resp: 16582
 Ion Ratio Lower Upper
 75 100
 155 78.7 39.5 118.5
 157 101.8 49.9 149.7

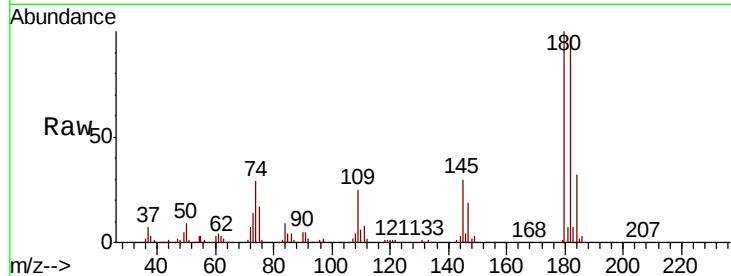




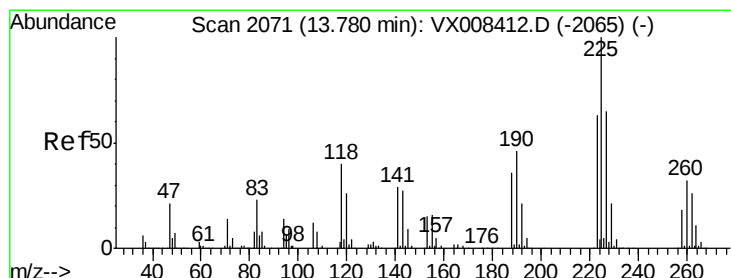
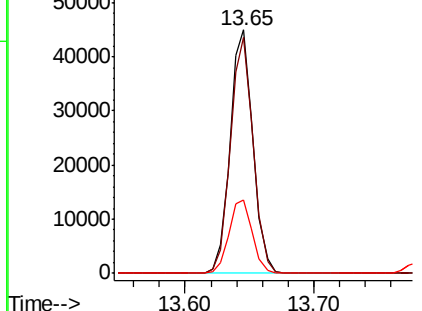
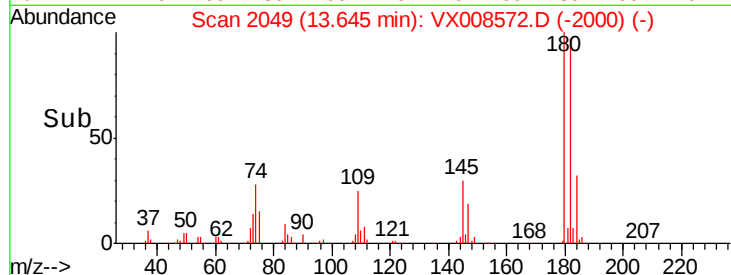
#93
 1,2,4-Trichlorobenzene
 Concen: 18.326 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 55847
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 142.0
 145 31.0 15.3 45.8

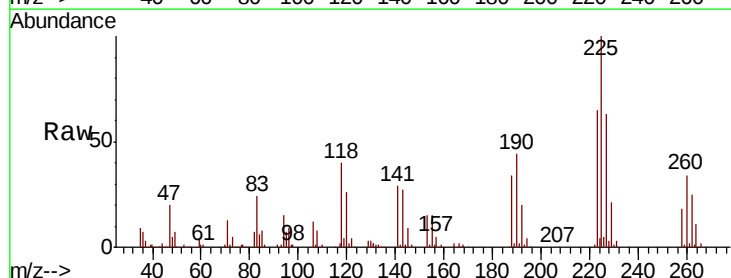


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

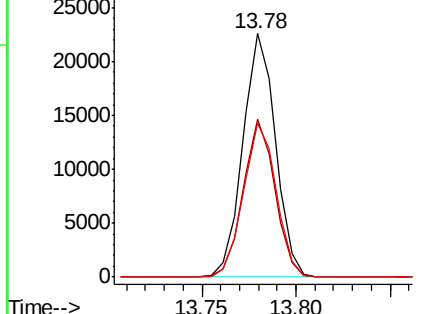
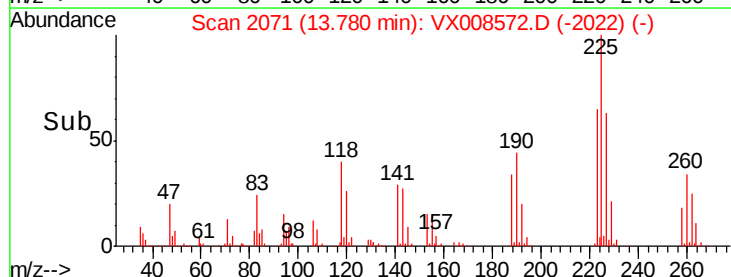


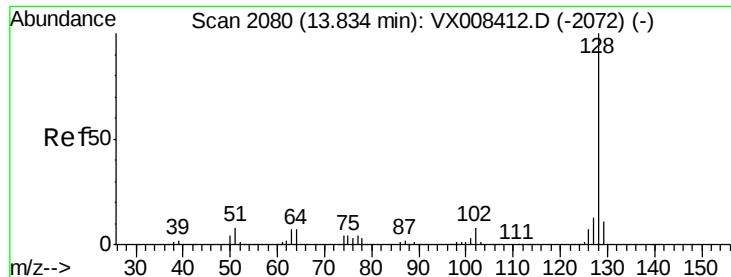
#94
 Hexachlorobutadiene
 Concen: 18.749 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion:225 Resp: 27130
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.4 94.0
 227 63.5 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.750 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

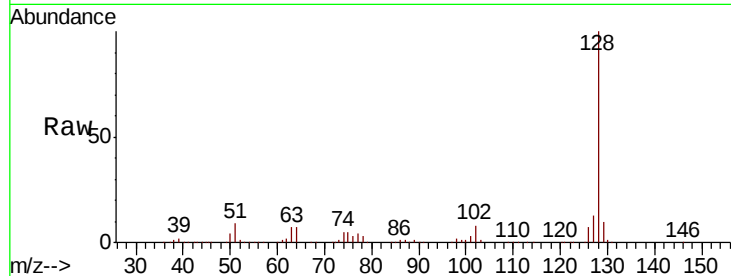
Tot Ion:128 Resp: 206342

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

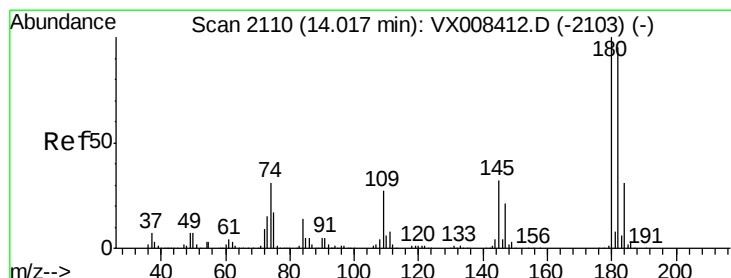
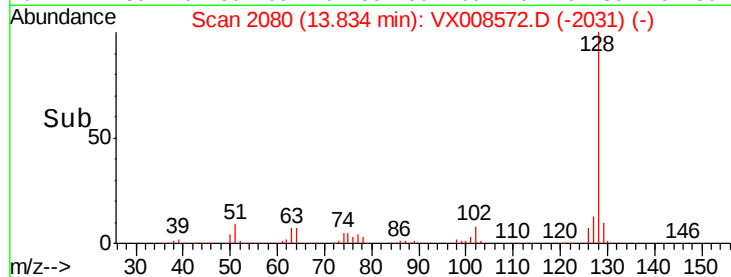
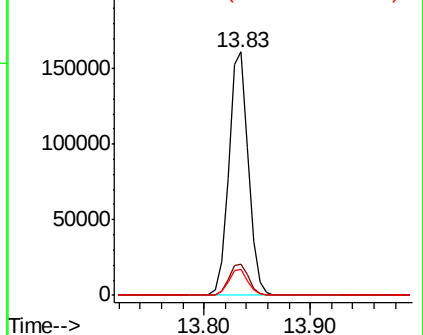
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.110 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

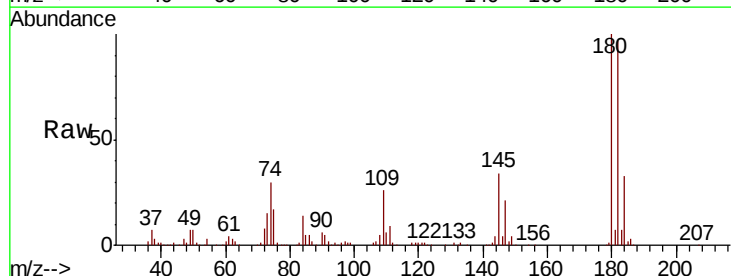
Tgt Ion:180 Resp: 58518

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 32.0 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

