

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040219\
 Data File : VX008588.D
 Acq On : 02 Apr 2019 12:04
 Operator : JC/SP
 Sample : VX0402WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Quant Time: Apr 02 12:24:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	33825	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	192829	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	171952	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	83988	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.13	95	88605m	29.57	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.57%
63) Toluene-d8	8.71	98	247181	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	42104	18.204	ug/l 98
3) Chloromethane	1.32	50	57787	19.069	ug/l 95
4) Vinyl Chloride	1.40	62	55257	18.090	ug/l 98
5) Bromomethane	1.64	94	22957	14.505	ug/l 97
6) Chloroethane	1.72	64	33164	16.588	ug/l 98
7) Trichlorofluoromethane	1.93	101	61969	18.278	ug/l 98
8) Diethyl Ether	2.19	74	29980	18.751	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38856	18.403	ug/l 92
10) 1,1-Dichloroethene	2.37	96	40071	18.707	ug/l 83
11) Methyl Iodide	2.51	142	28310	12.764	ug/l 96
12) Methyl Acetate	2.78	43	69550	40.062	ug/l 92
13) Acrolein	2.29	56	48641	97.663	ug/l 100
14) Acrylonitrile	3.14	53	160583	100.047	ug/l 99
15) Acetone	2.44	58	47722	96.416	ug/l 95
16) Carbon Disulfide	2.57	76	118955	17.852	ug/l 98
17) Allyl chloride	2.73	41	91041	18.911	ug/l 93
18) Methylene Chloride	2.85	84	48903	19.099	ug/l # 84
19) trans-1,2-Dichloroethene	3.17	96	42813	18.708	ug/l 88
20) Diisopropyl ether	3.85	45	180759	19.292	ug/l # 87
21) 1,1-Dichloroethane	3.70	63	89140	18.953	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	49863	18.855	ug/l # 82
23) tert-Butyl Alcohol	3.04	59	63219	97.540	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	148089	18.812	ug/l 99
25) Chloroform	5.21	83	80720	18.947	ug/l 99
26) Cyclohexane	5.58	56	85526	18.718	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	62244	19.187	ug/l 93
30) 2-Butanone	4.67	43	242646	101.716	ug/l 93
31) 2,2-Dichloropropane	4.59	77	62227	19.206	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	64265	19.077	ug/l # 94
33) Carbon Tetrachloride	5.79	117	52727	18.707	ug/l 96
34) Benzene	6.14	78	192132	19.375	ug/l # 95
35) Methacrylonitrile	5.04	41	48874	20.146	ug/l 92
36) 1,2-Dichloroethane	6.20	62	70249	19.870	ug/l 97
37) Trichloroethene	7.21	130	43334	19.002	ug/l # 80
38) Methylcyclohexane	7.46	83	76979	18.831	ug/l 88
39) 1,2-Dichloropropane	7.51	63	54266	19.294	ug/l 98
40) Dibromomethane	7.66	93	31140	19.112	ug/l 89

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	61525	19.205	ug/l	98
42) Vinyl Acetate	3.81	43	803215	99.325	ug/l #	94
43) Ethyl Acetate	4.83	43	89094	20.751	ug/l #	80
44) Isopropyl Acetate	6.45	43	135869	19.570	ug/l	98
45) 1,4-Dioxane	7.74	88	27758	401.632	ug/l #	82
46) Methyl methacrylate	7.77	41	68348	19.384	ug/l	87
47) n-amyl Acetate	10.90	43	119002	18.870	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	66760	18.449	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	75837	18.737	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	45719	18.898	ug/l	96
51) Ethyl methacrylate	9.18	69	85070	18.896	ug/l	91
52) 1,3-Dichloropropane	9.37	76	84607	19.657	ug/l	98
53) Dibromochloromethane	9.58	129	43573	18.302	ug/l	98
54) 1,2-Dibromoethane	9.67	107	47005	18.848	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	227642	100.228	ug/l	95
56) Bromoform	10.85	173	30837	17.773	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	457748	100.906	ug/l	95
59) 2-Hexanone	9.49	43	359030	100.177	ug/l	96
61) Tetrachloroethene	9.34	164	37625	20.004	ug/l	97
62) Toluene	8.78	91	201892	19.392	ug/l	99
64) Chlorobenzene	10.13	112	116091	19.030	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	40542	18.850	ug/l	98
66) Ethyl Benzene	10.25	91	219468	18.992	ug/l	96
67) m/p-Xylenes	10.36	106	157730	37.423	ug/l	91
68) o-Xylene	10.69	106	77520	18.795	ug/l	92
69) Styrene	10.71	104	133021	18.535	ug/l	96
70) Isopropylbenzene	11.02	105	205136	18.855	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	79063	19.452	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	90221	26.261	ug/l	90
73) Bromobenzene	11.26	156	47488	18.346	ug/l	74
74) n-propylbenzene	11.36	91	240337	18.543	ug/l	94
75) 2-Chlorotoluene	11.42	91	145216	18.832	ug/l	89
76) 1,3,5-Trimethylbenzene	11.51	105	172247	18.518	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24188	18.355	ug/l	97
78) 4-Chlorotoluene	11.51	91	161707	18.221	ug/l	90
79) tert-butylbenzene	12.06	119	175407	18.453	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	171884	18.533	ug/l	97
81) sec-Butylbenzene	11.94	105	197967	18.627	ug/l	96
82) p-Isopropyltoluene	12.06	119	175407	18.453	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	85161	18.532	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	84015	18.295	ug/l	97
85) n-Butylbenzene	12.38	91	160854	17.810	ug/l	96
86) Hexachloroethane	12.60	117	28870	18.177	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	86696	18.723	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17710	19.659	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	57898	18.127	ug/l	98
90) Hexachlorobutadiene	13.78	225	28887	18.773	ug/l	99
91) Naphthalene	13.83	128	207566	18.968	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	60081	18.674	ug/l	99

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ClientSampleId :
VX0402WBS01

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QLast Update : Wed Mar 27 12:01:15 2019
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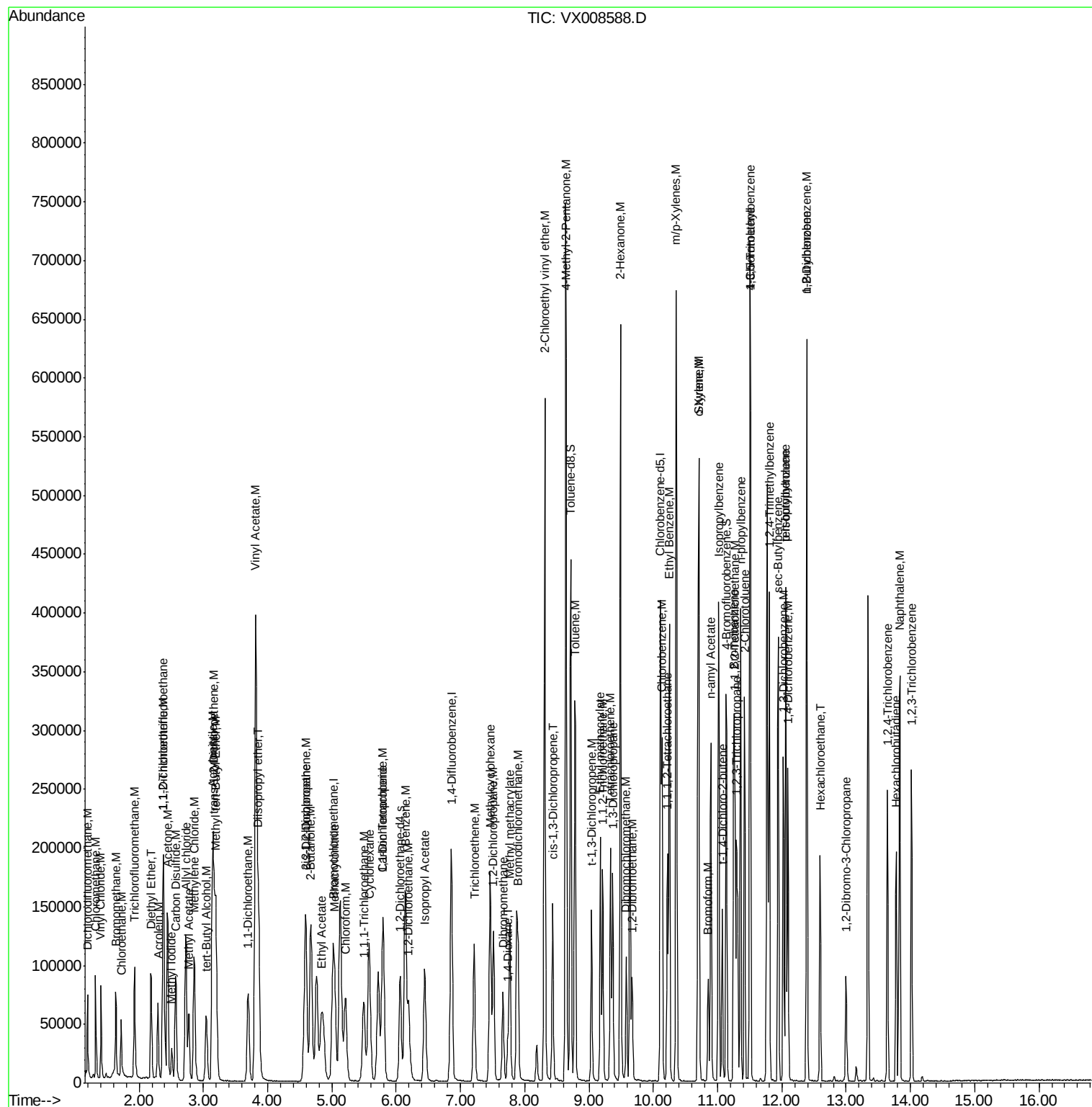
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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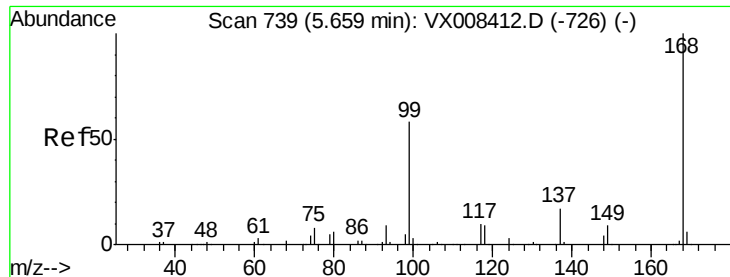
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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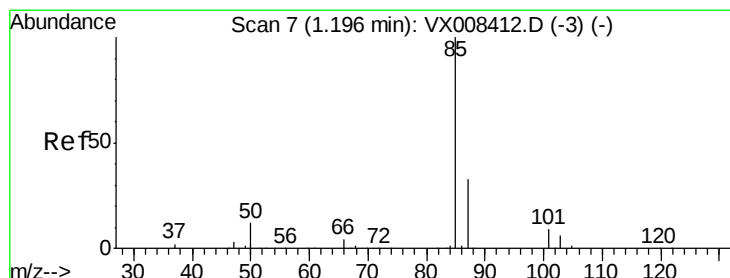
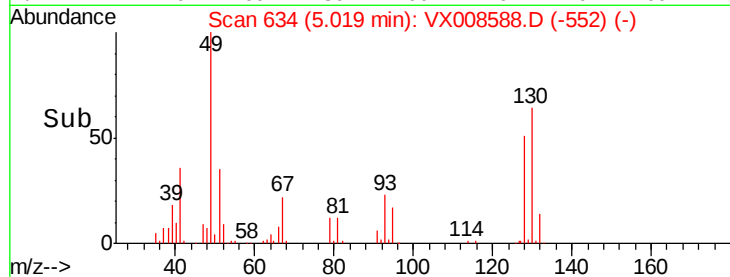
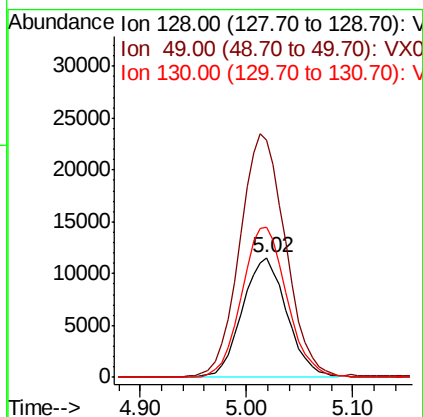
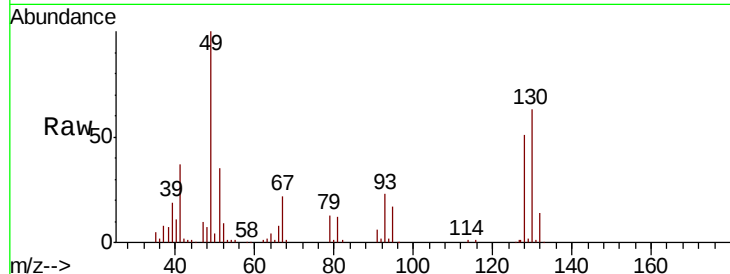




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

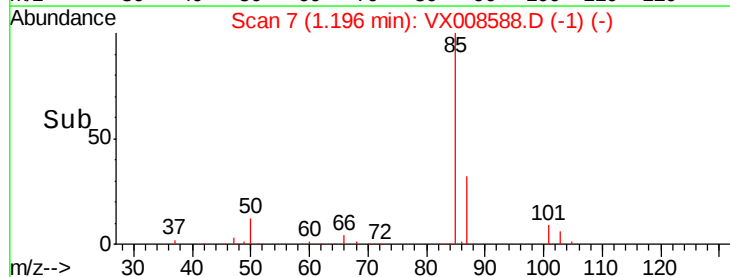
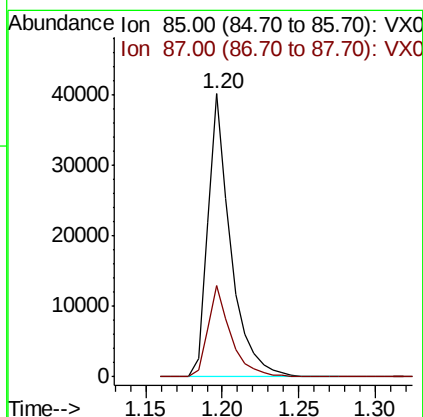
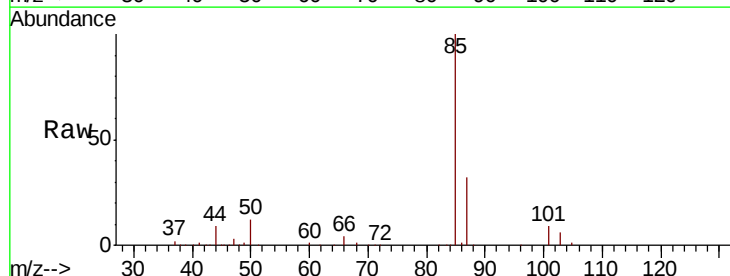
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

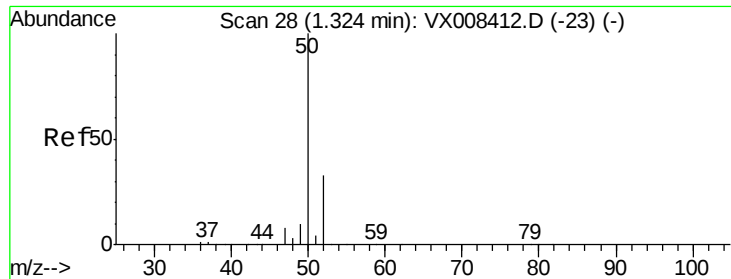
Tgt Ion: 128 Resp: 33825
 Ion Ratio Lower Upper
 128 100
 49 208.9 0.0 350.8
 130 127.4 0.0 325.8



#2
 Dichlorodifluoromethane
 Concen: 18.204 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 85 Resp: 42104
 Ion Ratio Lower Upper
 85 100
 87 32.1 16.6 49.8





#3

Chloromethane

Concen: 19.069 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

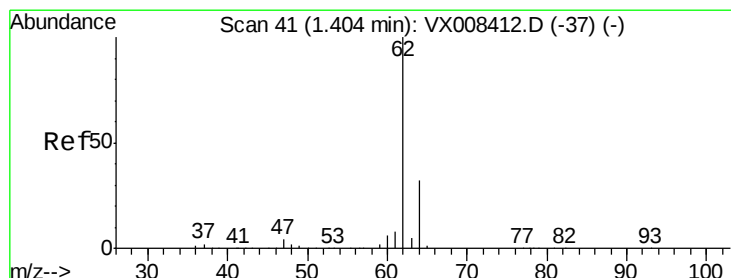
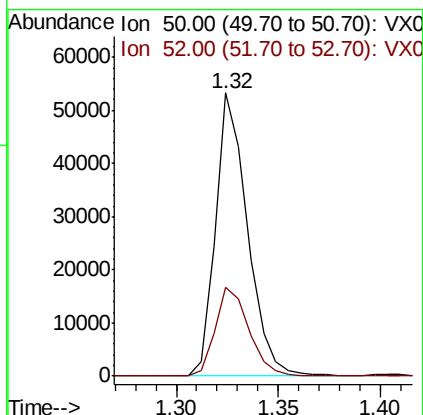
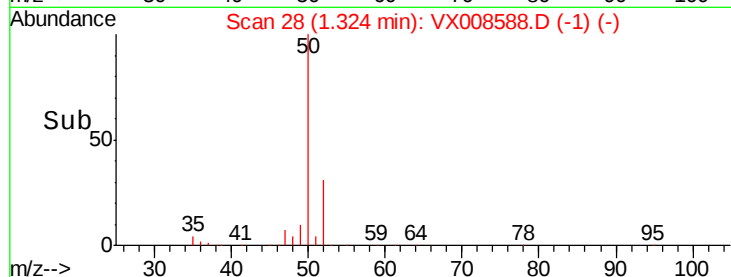
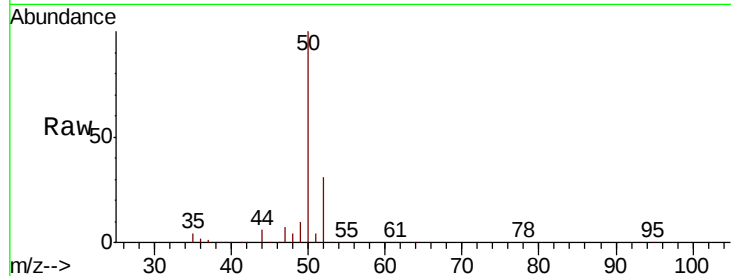
VX0402WBS01

Tgt Ion: 50 Resp: 57787

Ion Ratio Lower Upper

50 100

52 31.3 27.5 41.3



#4

Vinyl Chloride

Concen: 18.090 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008588.D

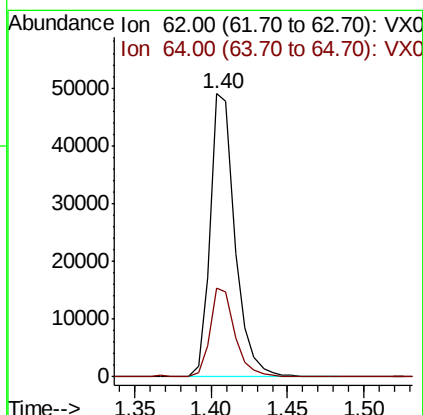
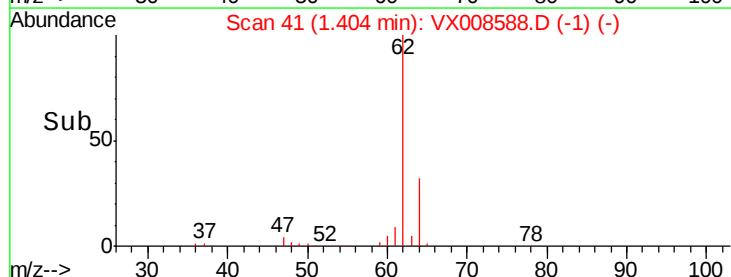
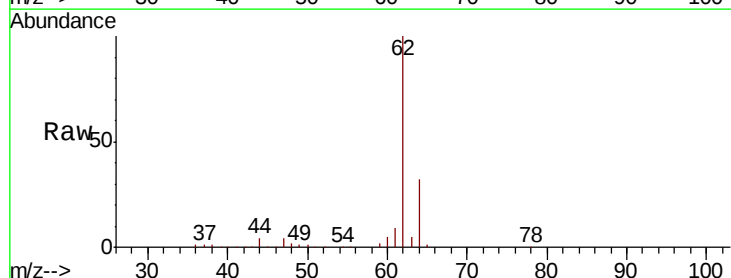
Acq: 02 Apr 2019 12:04

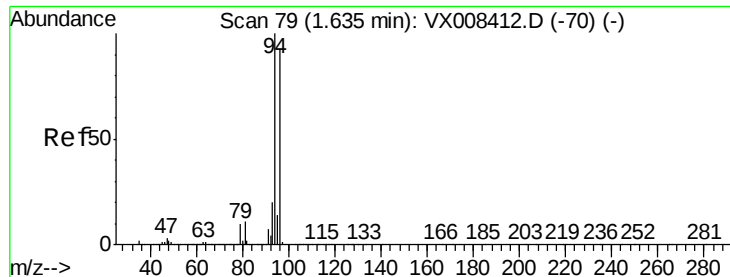
Tgt Ion: 62 Resp: 55257

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 14.505 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

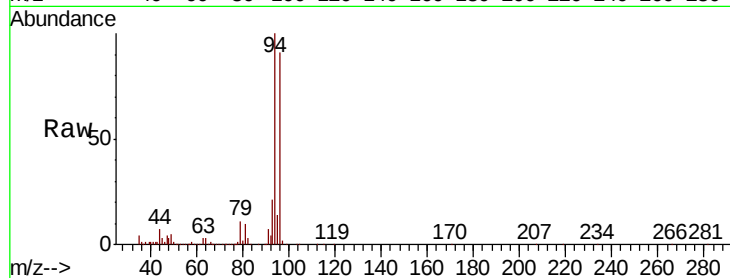
VX0402WBS01

Tgt Ion: 94 Resp: 22957

Ion Ratio Lower Upper

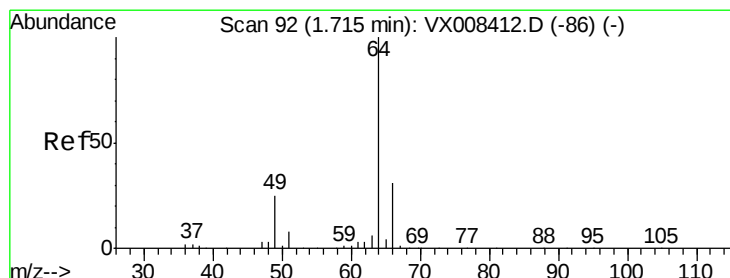
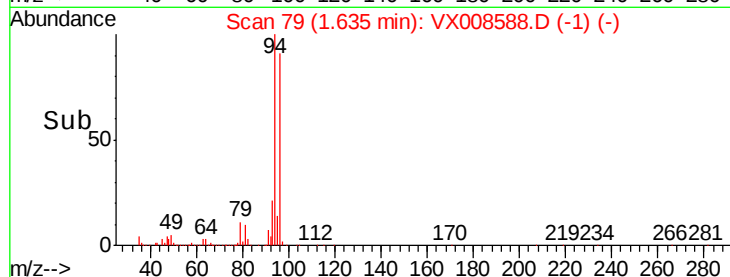
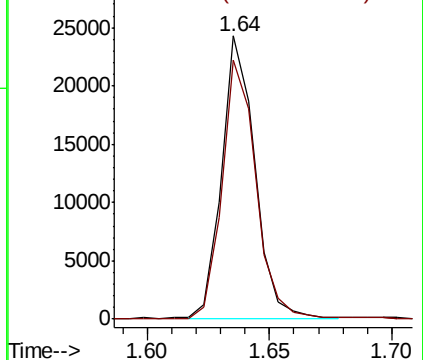
94 100

96 91.3 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.588 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008588.D

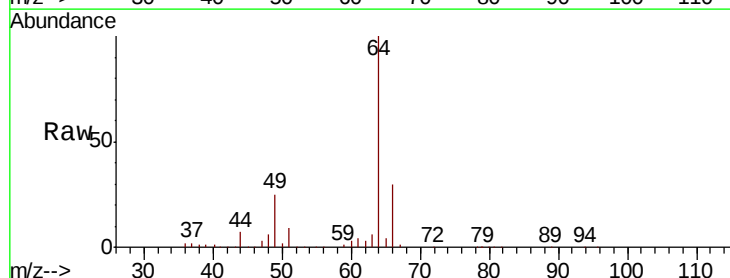
Acq: 02 Apr 2019 12:04

Tgt Ion: 64 Resp: 33164

Ion Ratio Lower Upper

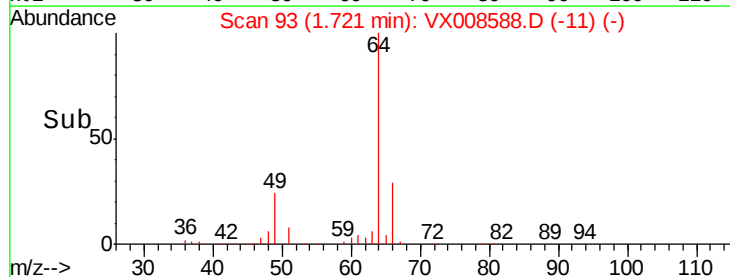
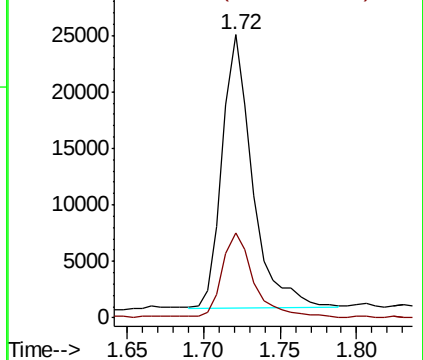
64 100

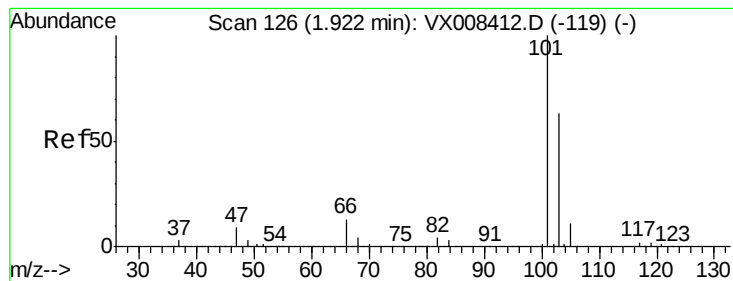
66 30.9 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



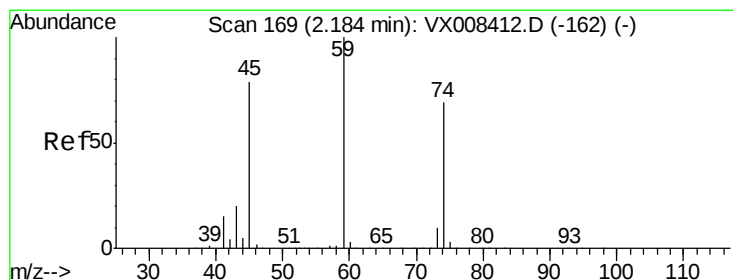
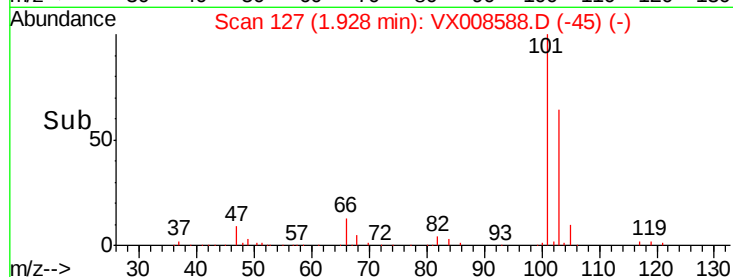
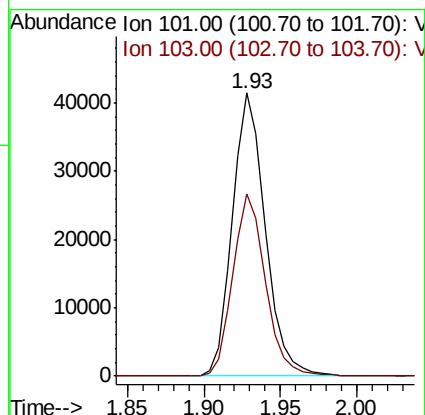
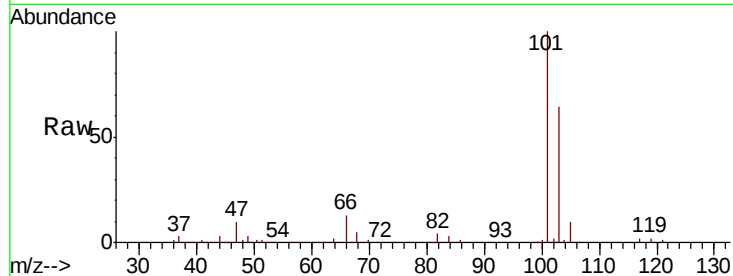


#7

Trichlorofluoromethane
 Concen: 18.278 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

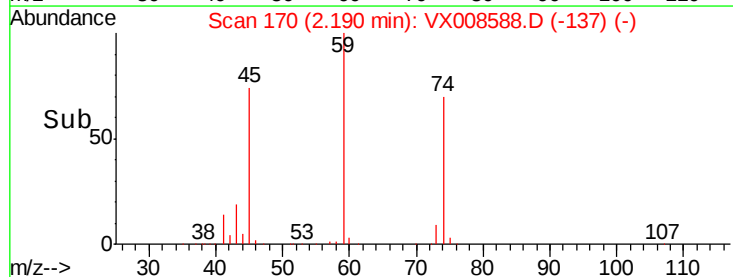
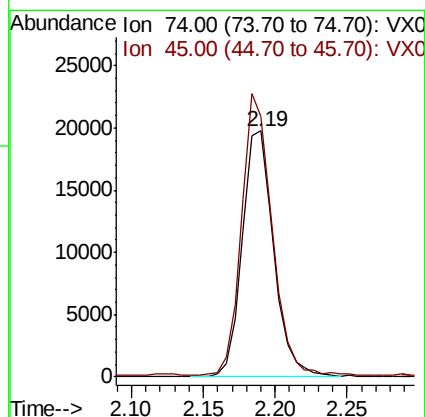
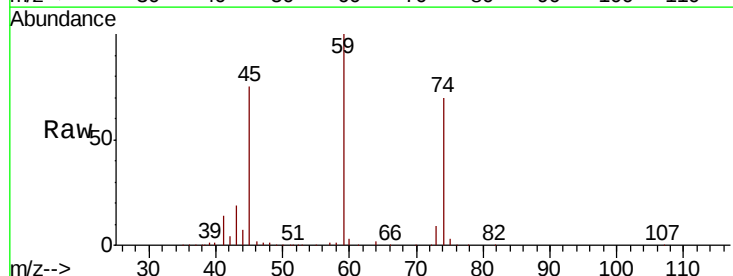
Tgt Ion: 101 Resp: 61969
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.4 75.6

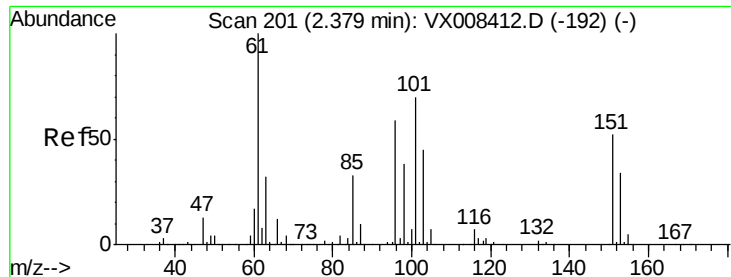


#8

Diethyl Ether
 Concen: 18.751 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 74 Resp: 29980
 Ion Ratio Lower Upper
 74 100
 45 110.4 18.6 167.8

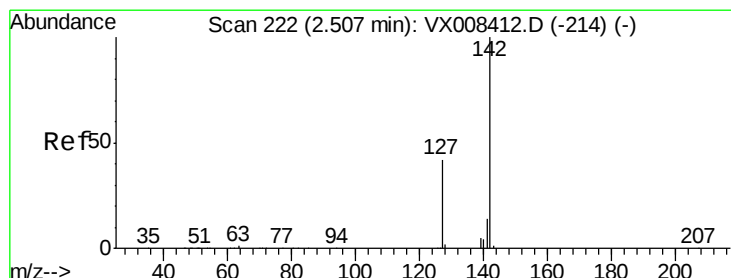
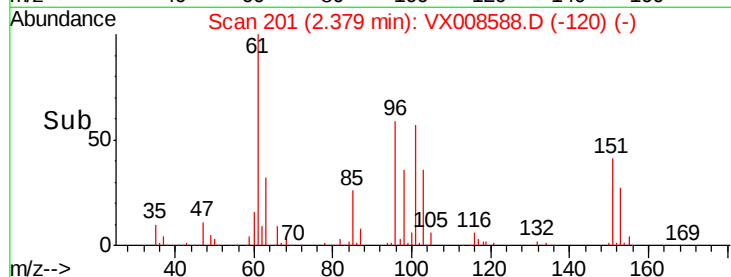
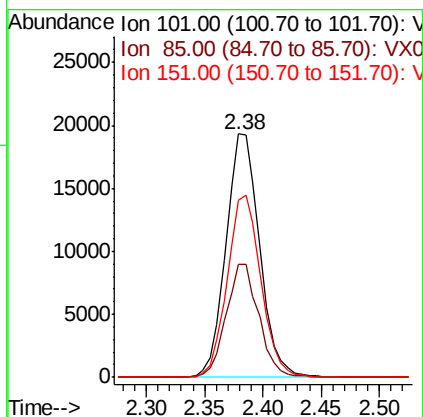
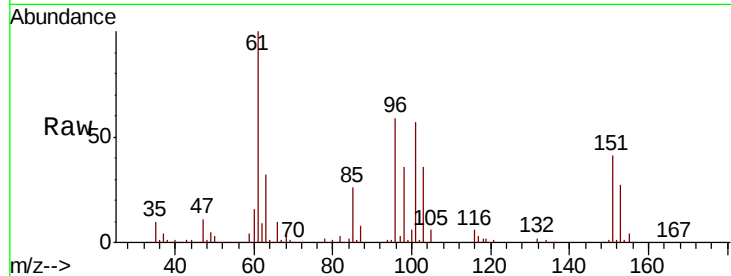




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.403 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

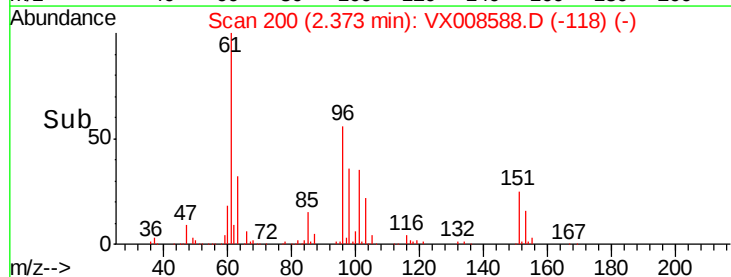
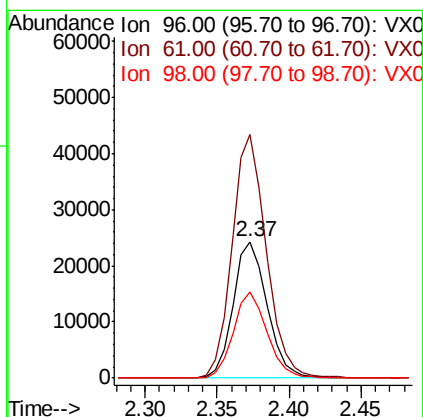
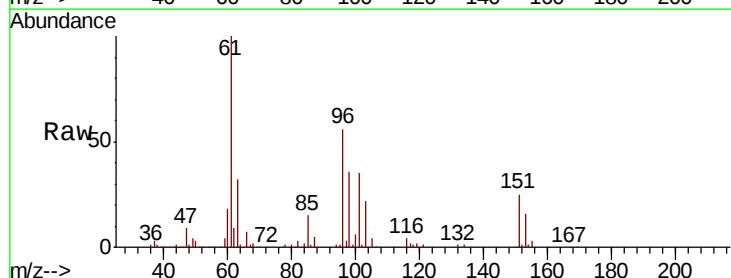
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

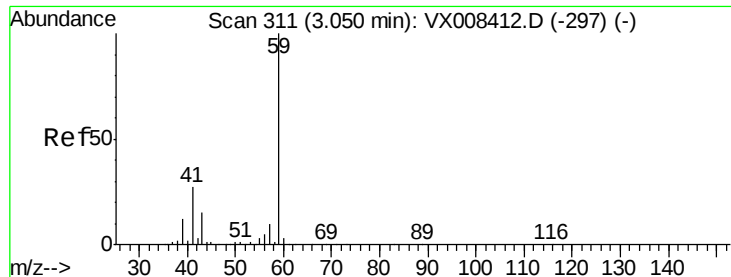
Tgt Ion: 101 Resp: 38856
 Ion Ratio Lower Upper
 101 100
 85 45.1 0.0 86.8
 151 74.9 0.0 169.2



#10
 1,1-Dichloroethene
 Concen: 18.707 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 96 Resp: 40071
 Ion Ratio Lower Upper
 96 100
 61 178.4 120.2 180.2
 98 63.6 49.0 73.4

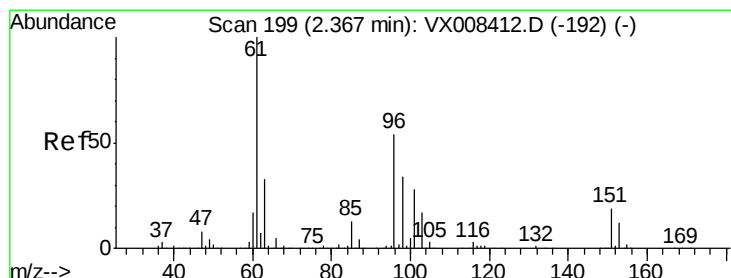
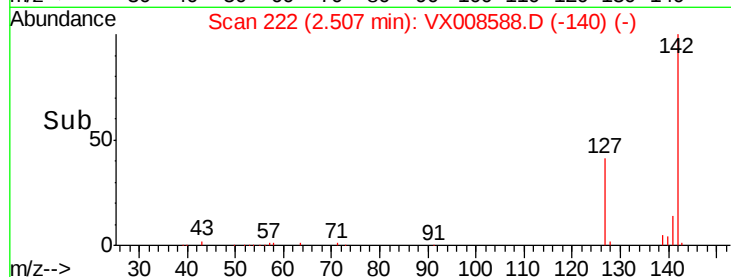
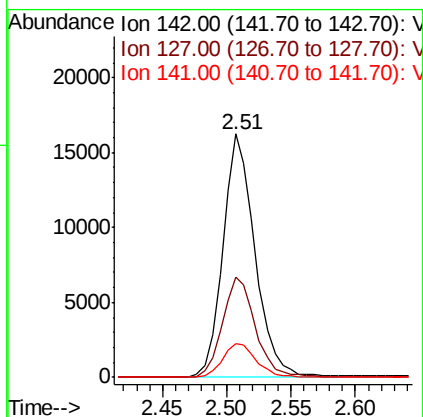
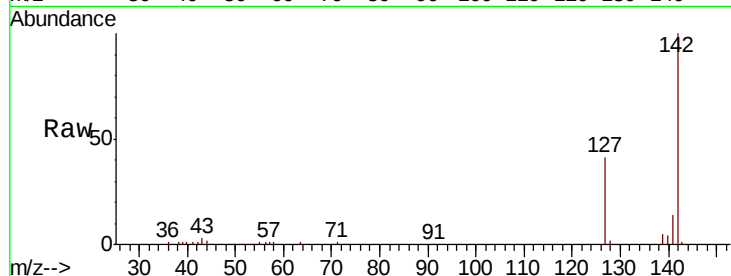




#11
Methyl Iodide
Concen: 12.764 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

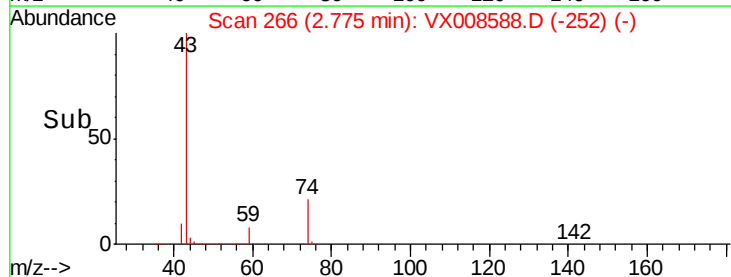
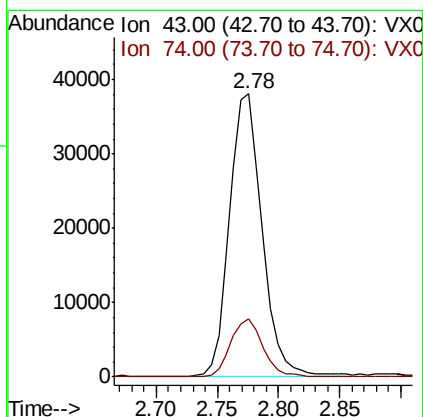
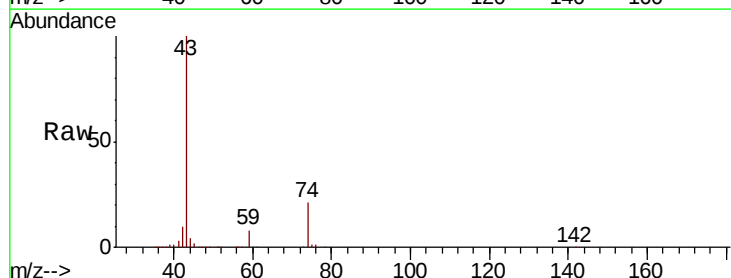
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

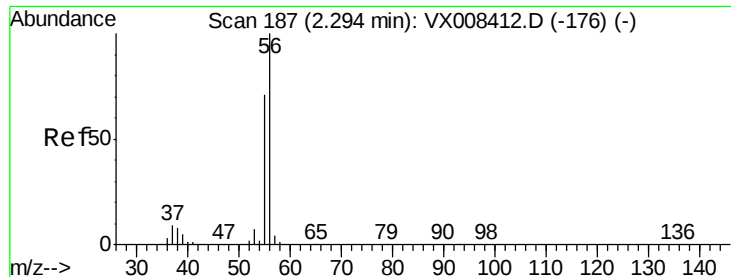
Tgt Ion:142 Resp: 28310
Ion Ratio Lower Upper
142 100
127 41.1 22.1 66.5
141 13.8 7.4 22.3



#12
Methyl Acetate
Concen: 40.062 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.41 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 43 Resp: 69550
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.0





#13

Acrolein

Concen: 97.663 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

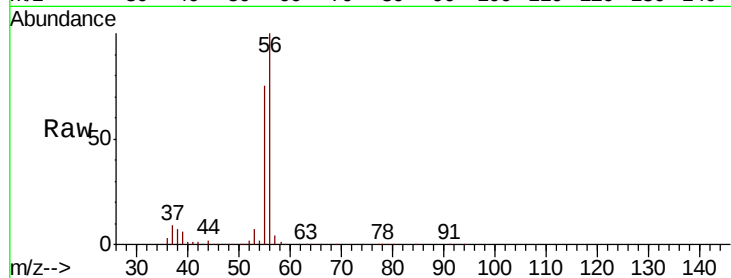
VX0402WBS01

Tgt Ion: 56 Resp: 48641

Ion Ratio Lower Upper

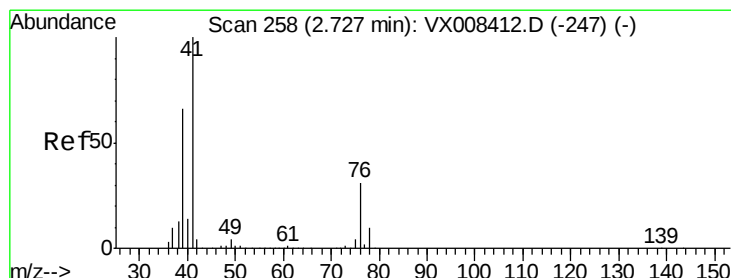
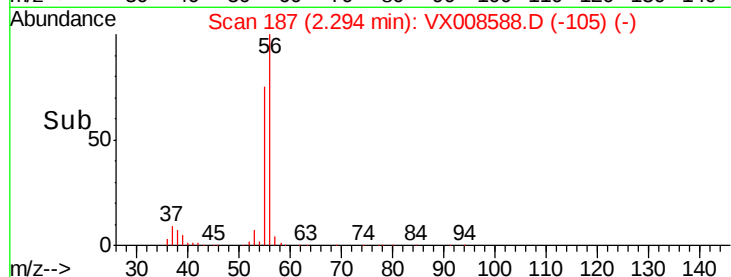
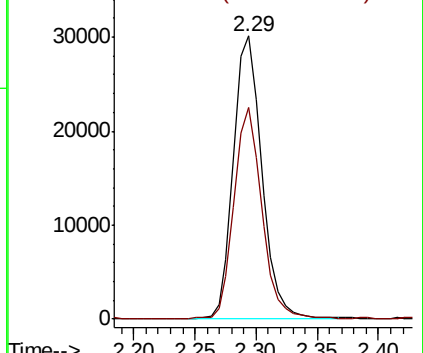
56 100

55 72.9 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 100.047 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

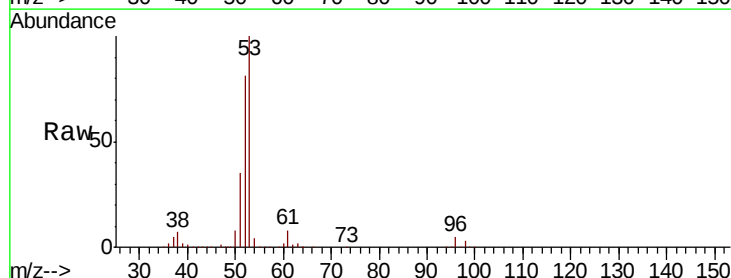
Tgt Ion: 53 Resp: 160583

Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

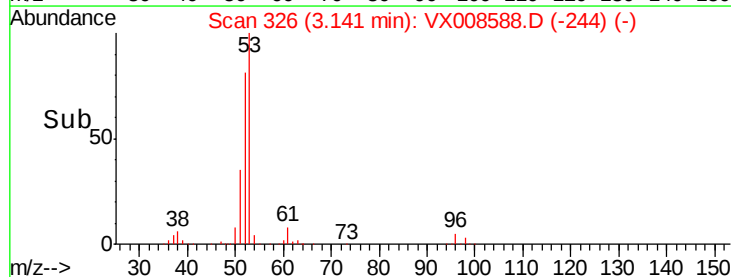
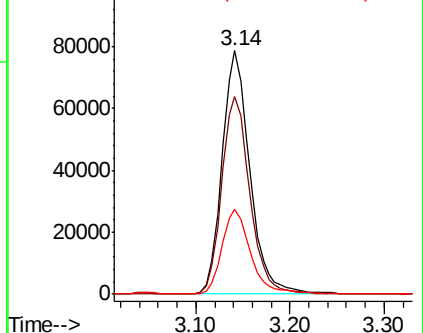
51 36.1 17.5 52.6

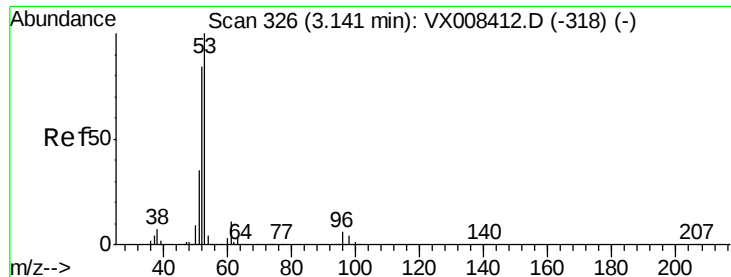


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 96.416 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

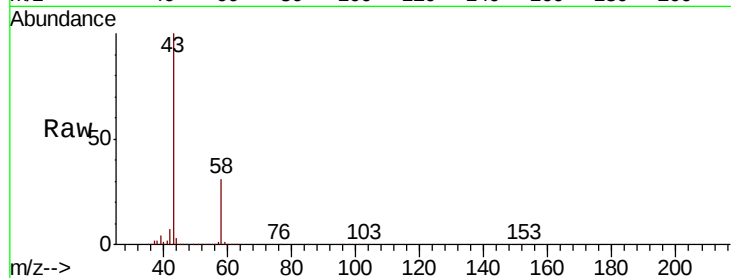
VX0402WBS01

Tgt Ion: 58 Resp: 47722

Ion Ratio Lower Upper

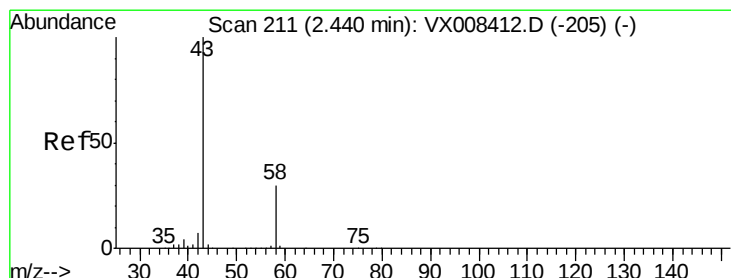
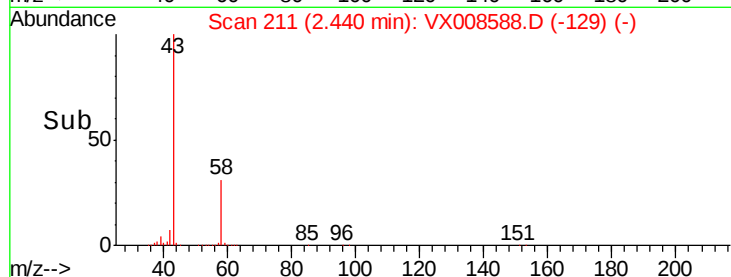
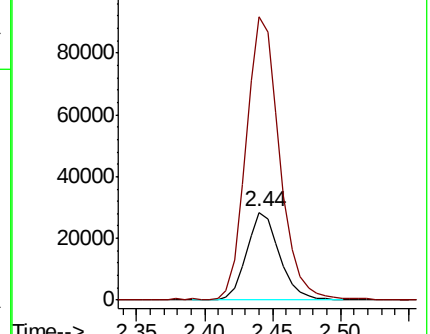
58 100

43 321.7 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.852 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008588.D

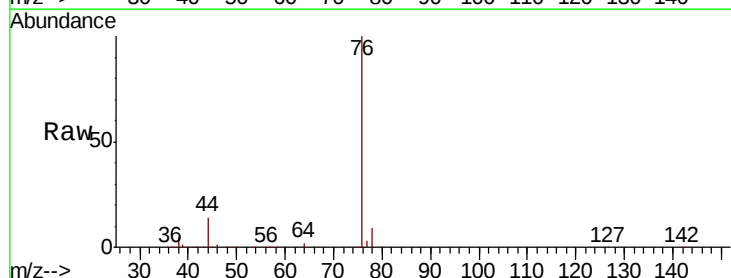
Acq: 02 Apr 2019 12:04

Tgt Ion: 76 Resp: 118955

Ion Ratio Lower Upper

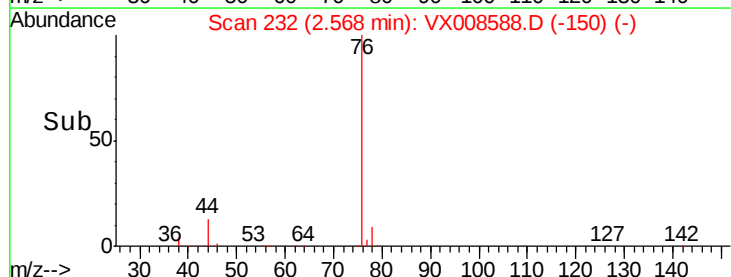
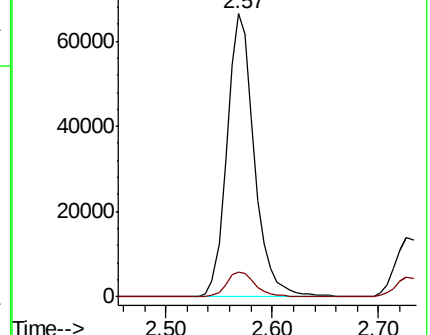
76 100

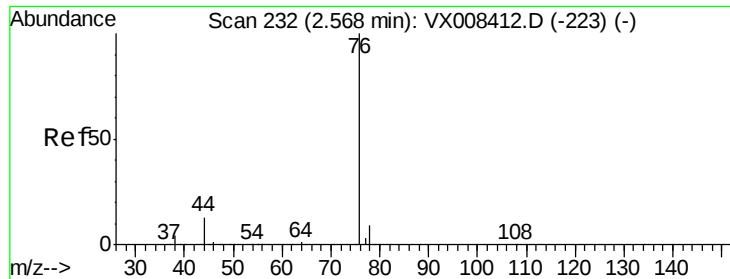
78 8.7 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

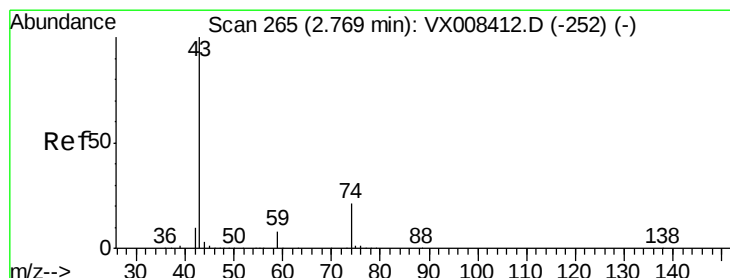
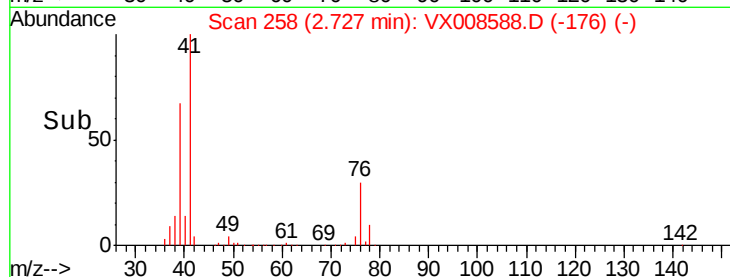
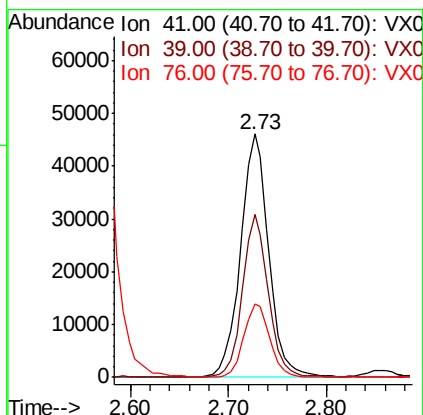
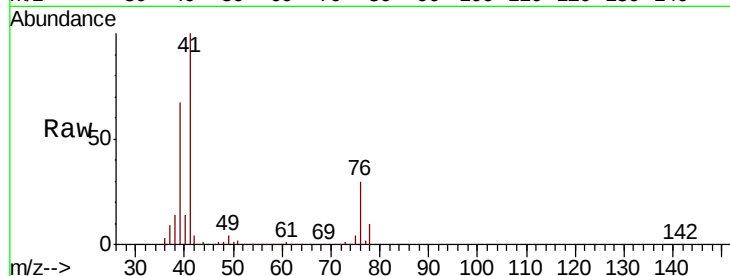




#17
 Allyl chloride
 Concen: 18.911 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

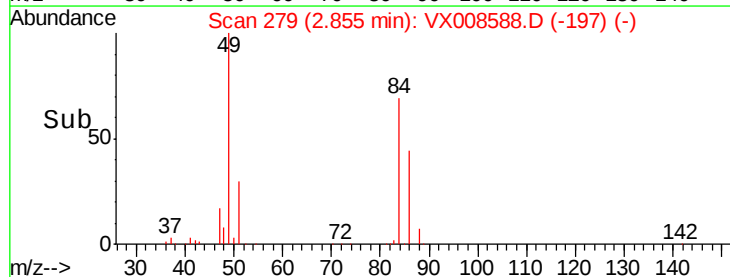
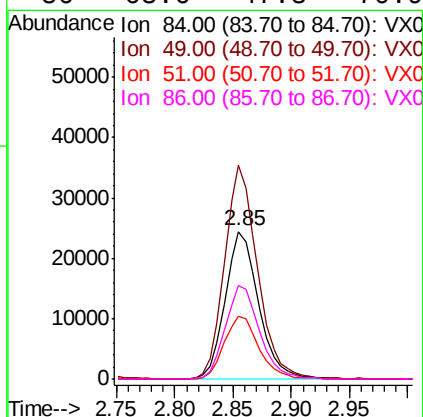
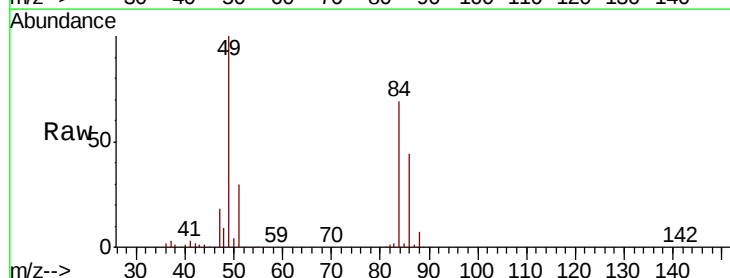
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

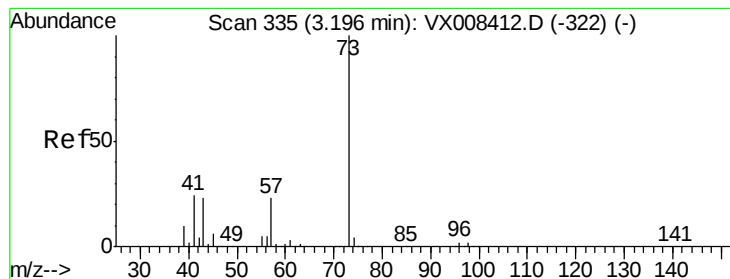
Tgt Ion: 41 Resp: 91041
 Ion Ratio Lower Upper
 41 100
 39 66.8 35.8 107.4
 76 30.2 18.3 54.9



#18
 Methylene Chloride
 Concen: 19.099 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 84 Resp: 48903
 Ion Ratio Lower Upper
 84 100
 49 144.7 96.1 144.1#
 51 42.7 29.1 43.7
 86 63.6 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 18.708 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

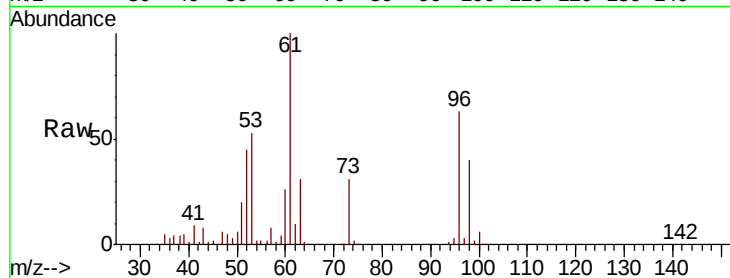
Tgt Ion: 96 Resp: 42813

Ion Ratio Lower Upper

96 100

61 158.3 109.9 164.9

98 63.8 50.4 75.6

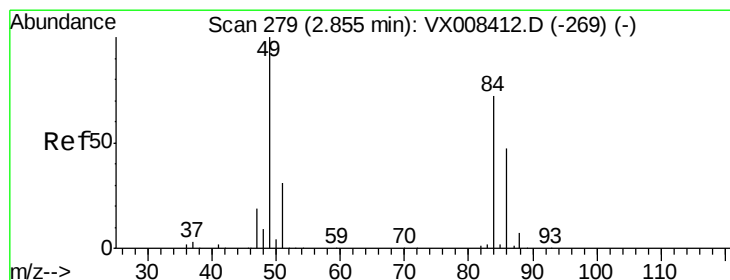
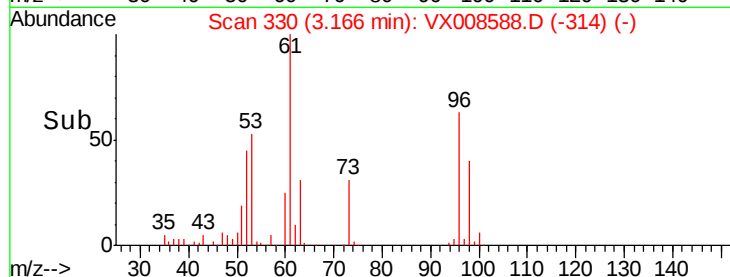
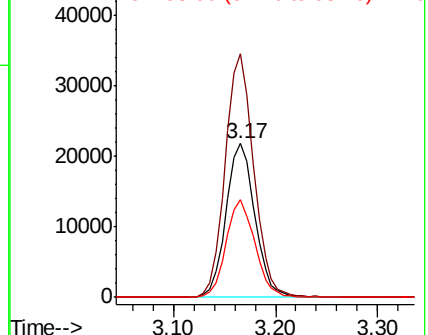


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.292 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion: 45 Resp: 180759

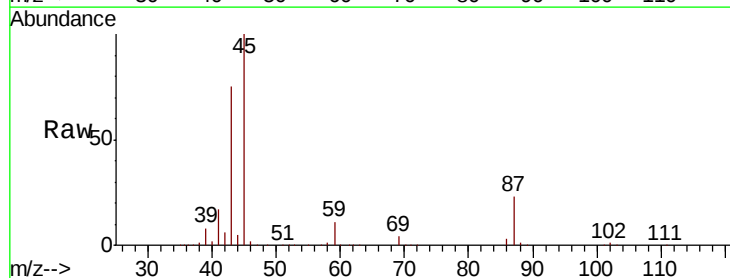
Ion Ratio Lower Upper

45 100

43 74.2 50.6 76.0

87 22.8 24.5 36.7#

59 10.7 10.2 15.2



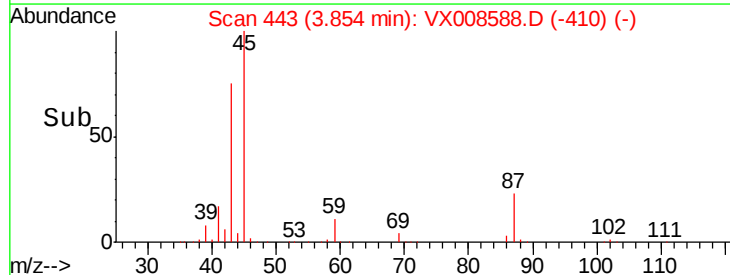
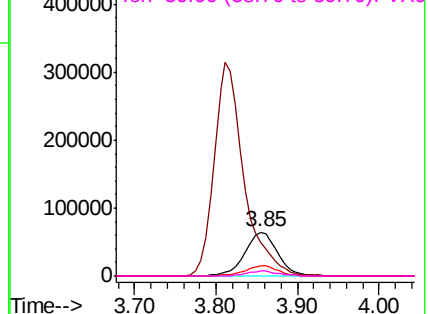
Abundance

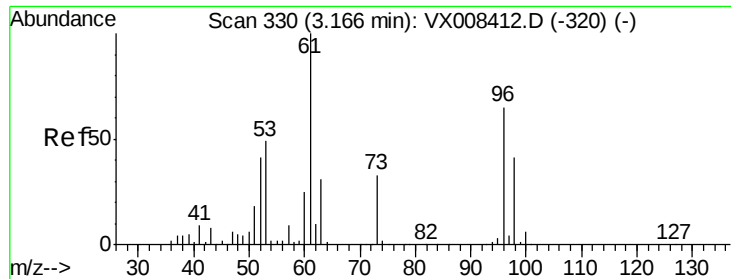
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

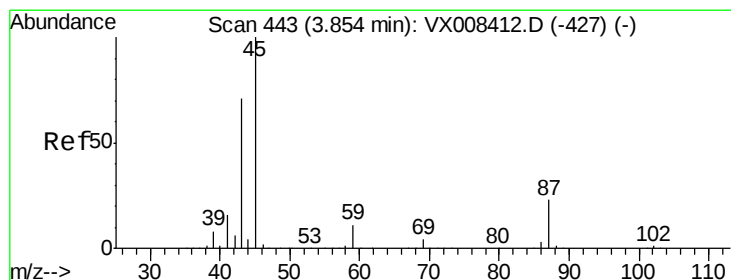
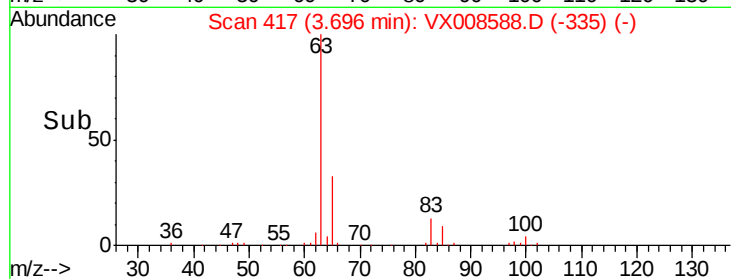
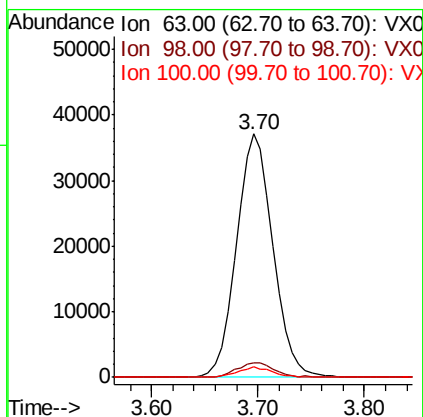
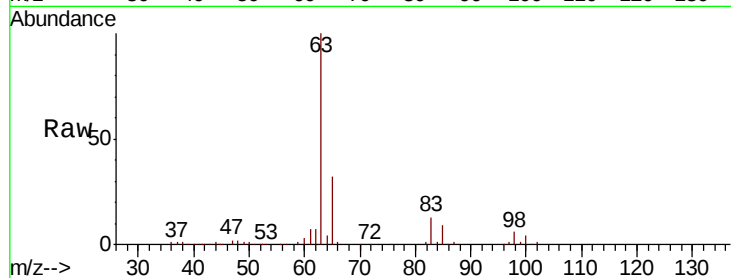




#21
 1,1-Dichloroethane
 Concen: 18.953 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

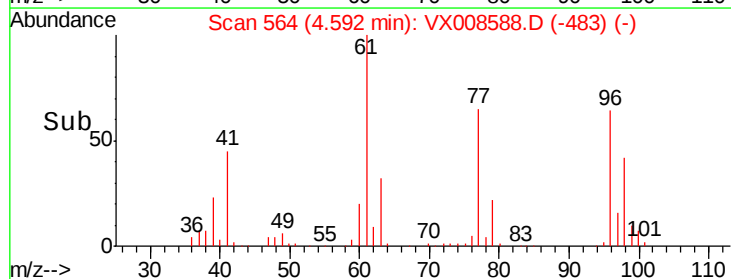
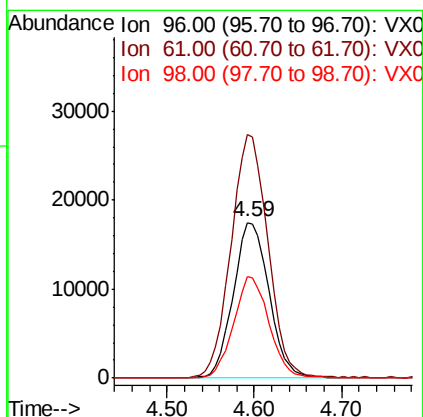
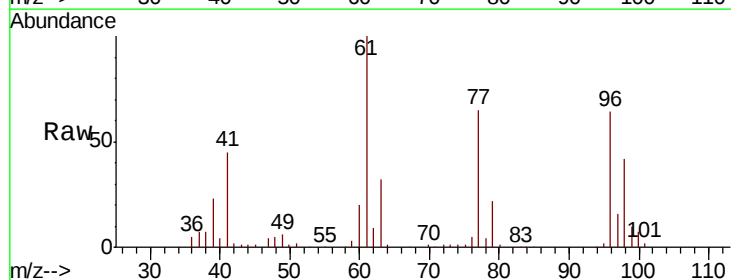
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

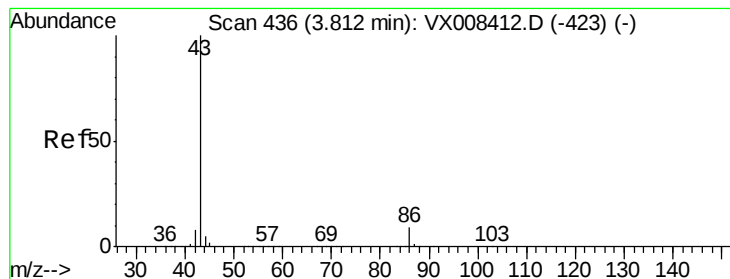
Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.8	11.4
100	4.3	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 18.855 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	103.5	155.3#
98	64.0	52.1	78.1



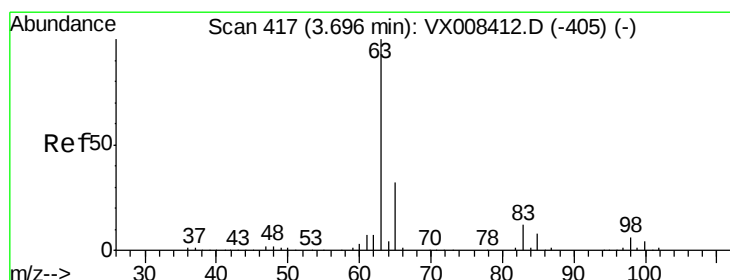
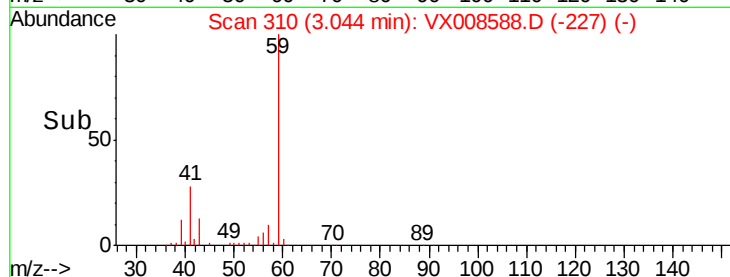
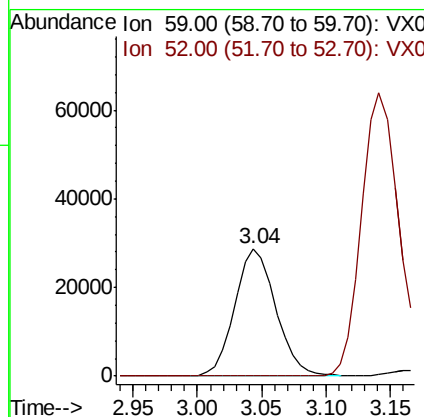
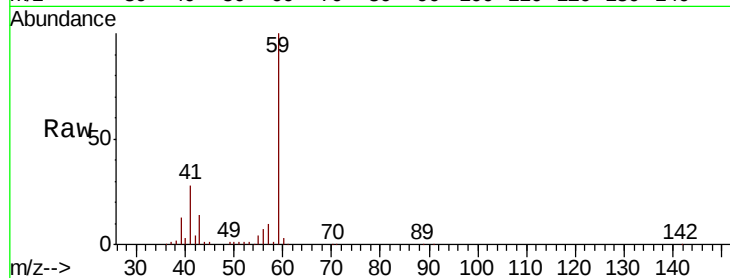


#23

tert-Butyl Alcohol
 Concen: 97.540 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

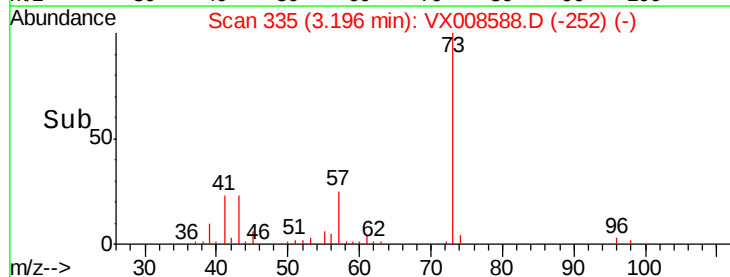
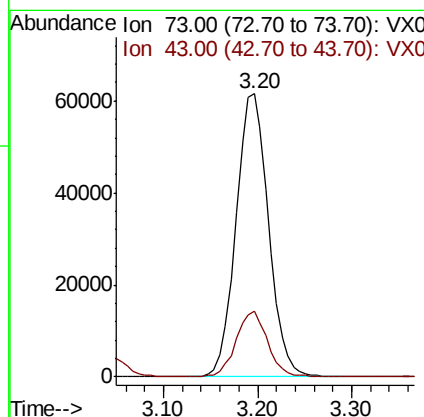
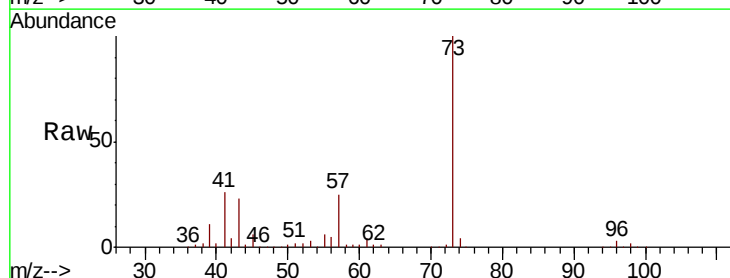
Tgt Ion: 59 Resp: 63219
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.2 0.2#

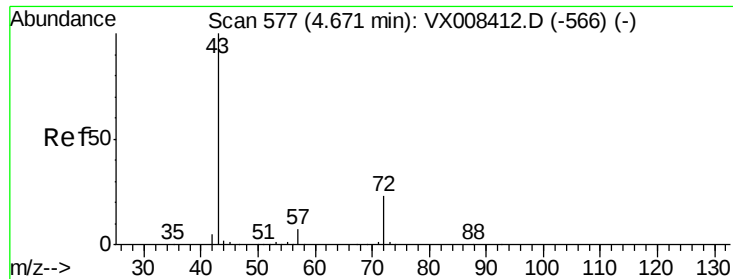


#24

Methyl tert-Butyl Ether
 Concen: 18.812 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 73 Resp: 148089
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.1 25.7

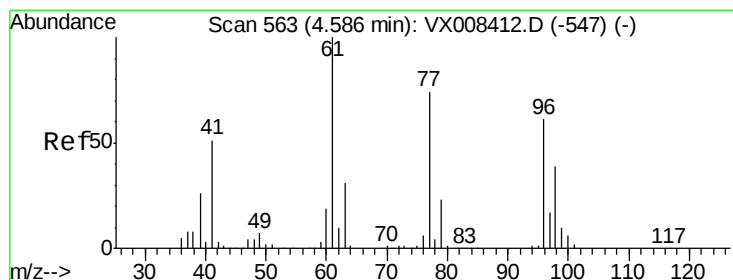
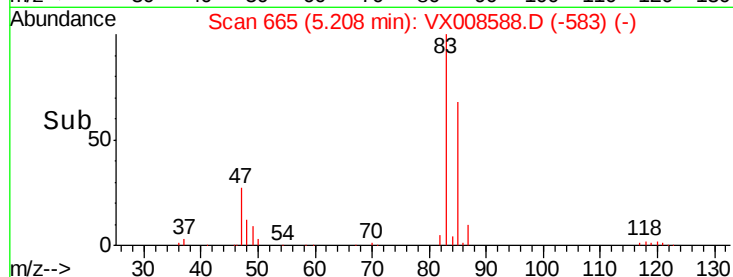
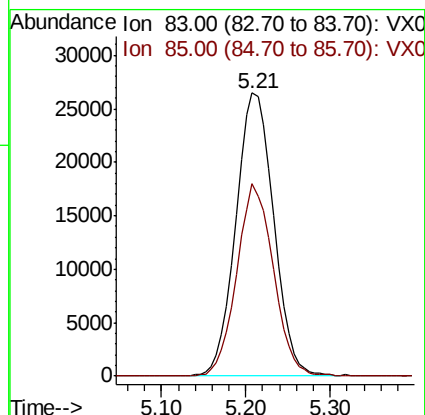
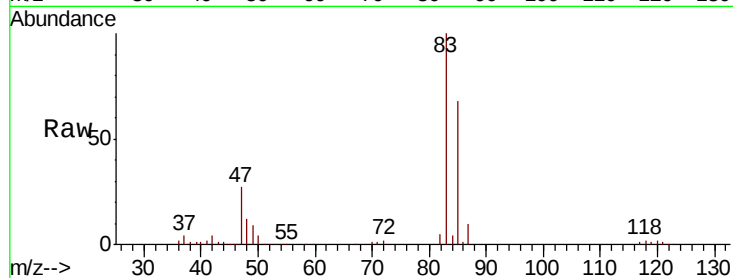




#25
Chloroform
Concen: 18.947 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

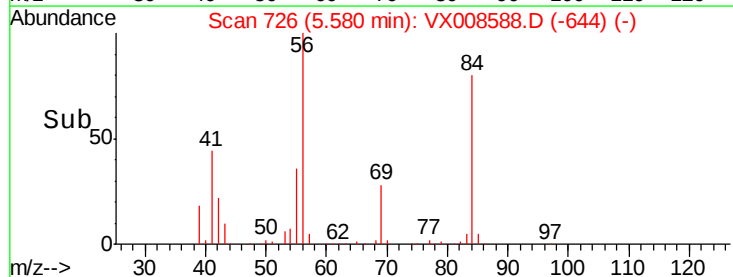
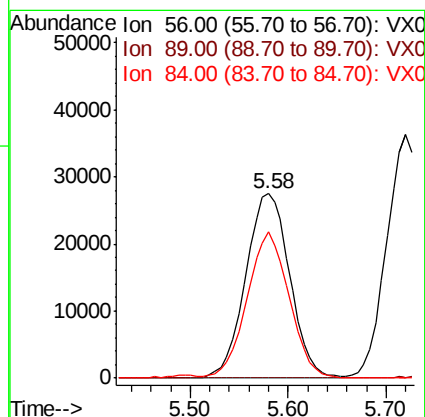
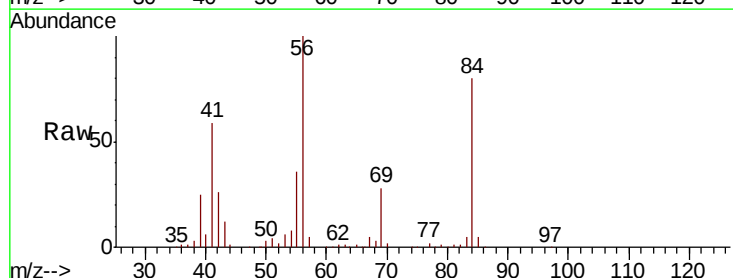
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

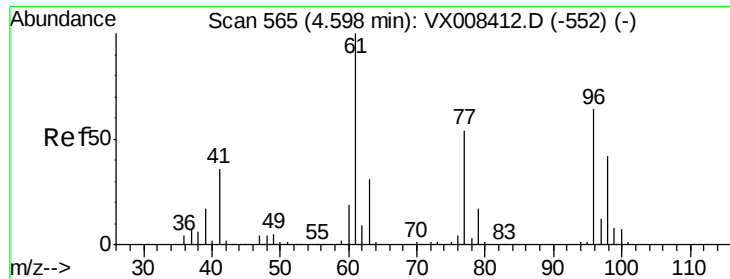
Tgt Ion: 83 Resp: 80720
Ion Ratio Lower Upper
83 100
85 68.0 53.8 80.6



#26
Cyclohexane
Concen: 18.718 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 56 Resp: 85526
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.1 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.682 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

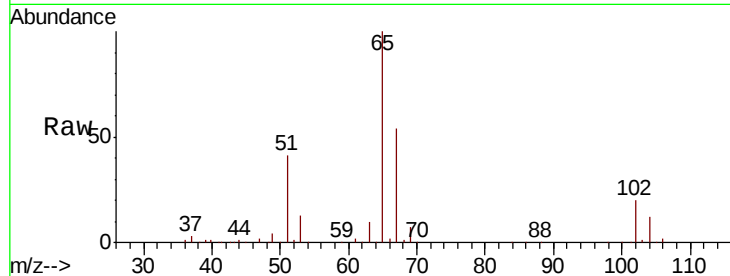
VX0402WBS01

Tgt Ion: 65 Resp: 83988

Ion Ratio Lower Upper

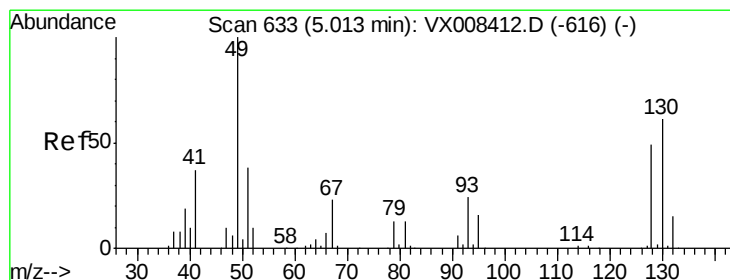
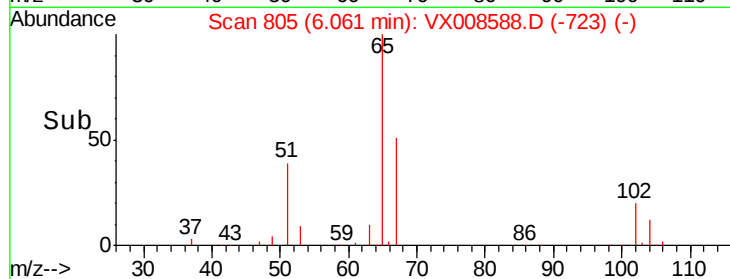
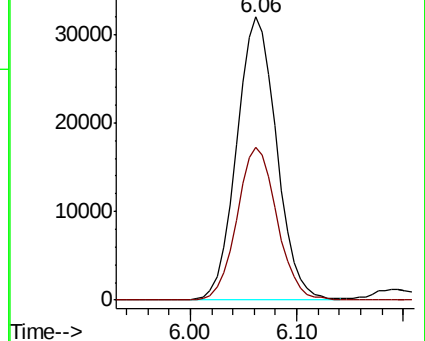
65 100

67 54.0 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

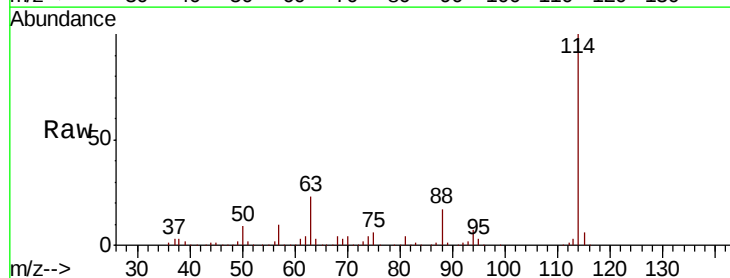
Tgt Ion: 114 Resp: 192829

Ion Ratio Lower Upper

114 100

63 23.9 14.2 21.4#

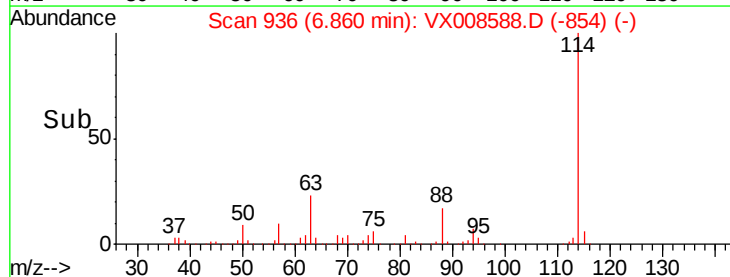
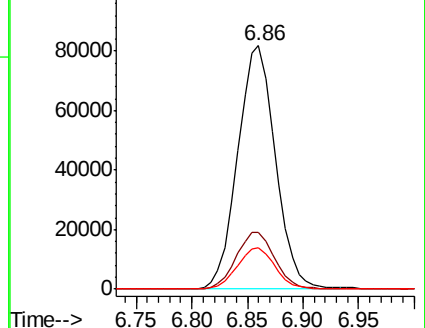
88 17.0 11.9 17.9

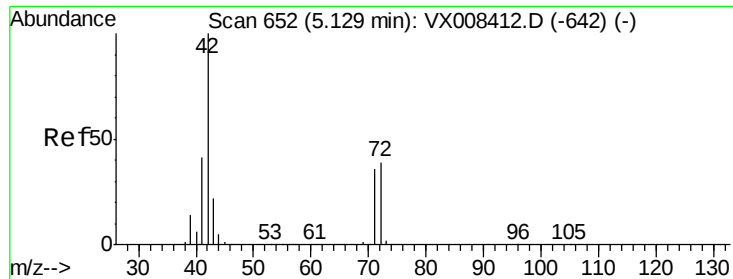


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

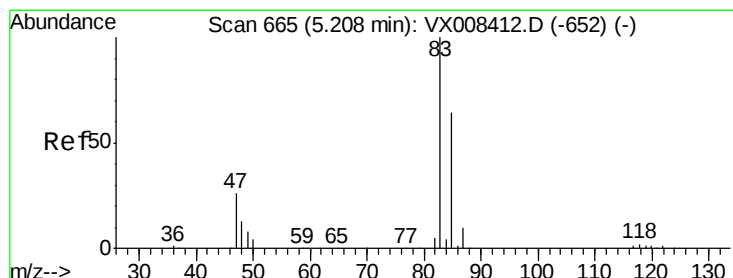
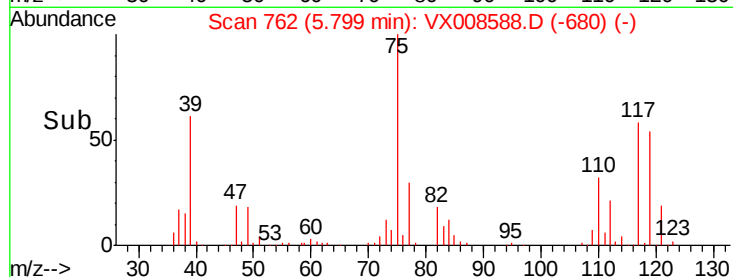
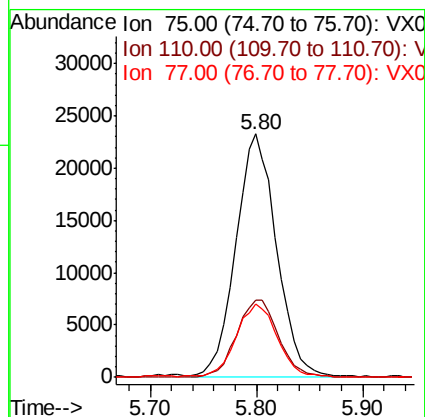
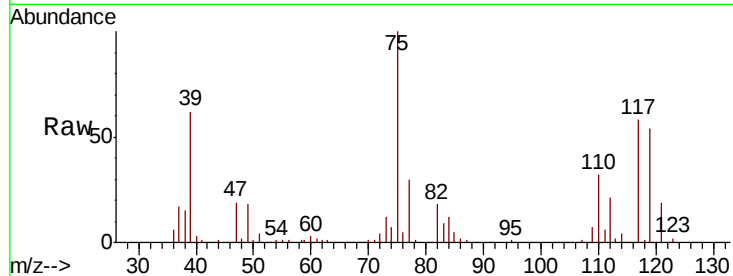




#29
 1,1-Dichloropropene
 Concen: 19.187 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

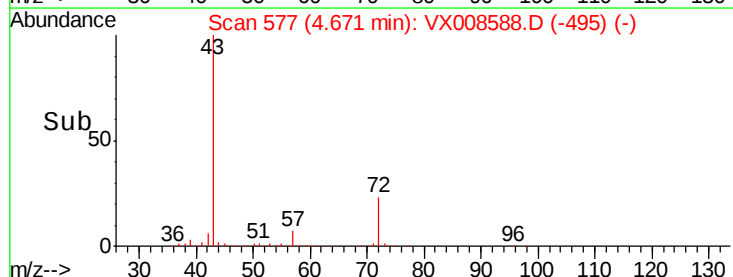
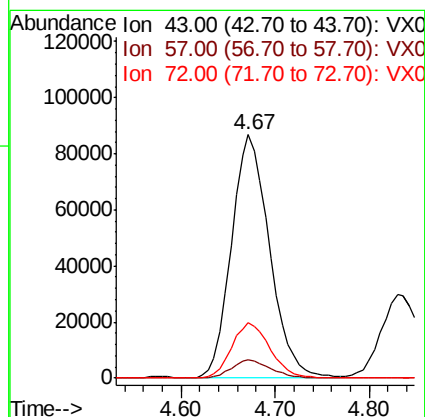
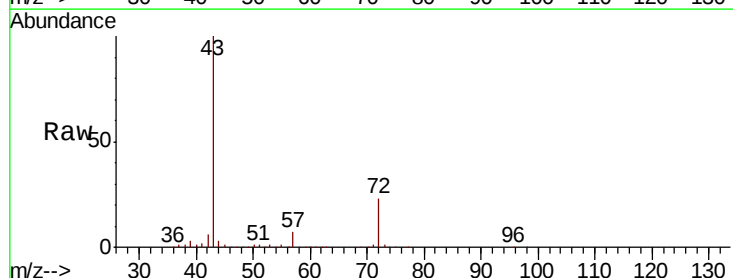
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

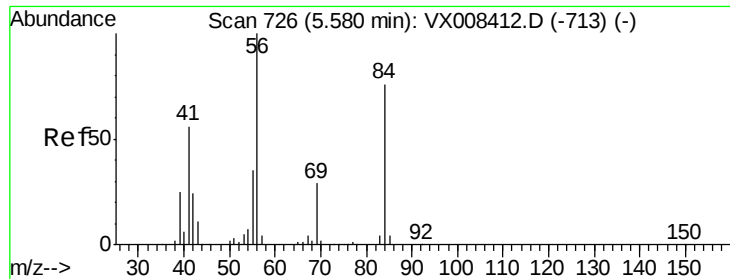
Tgt Ion: 75 Resp: 62244
 Ion Ratio Lower Upper
 75 100
 110 32.9 0.0 80.8
 77 30.6 0.0 62.4



#30
 2-Butanone
 Concen: 101.716 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 43 Resp: 242646
 Ion Ratio Lower Upper
 43 100
 57 7.7 7.0 10.6
 72 22.8 21.5 32.3

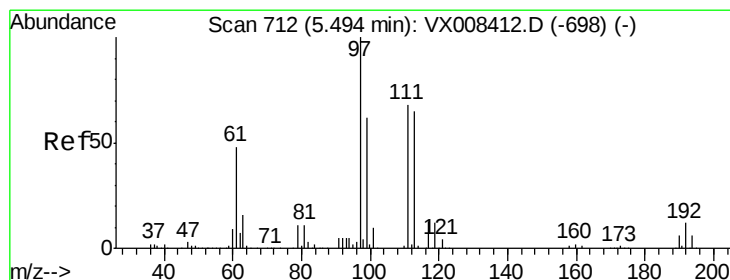
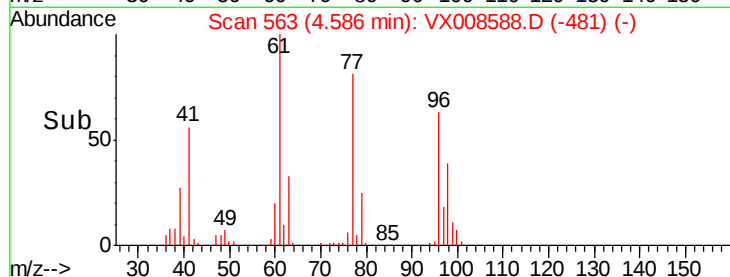
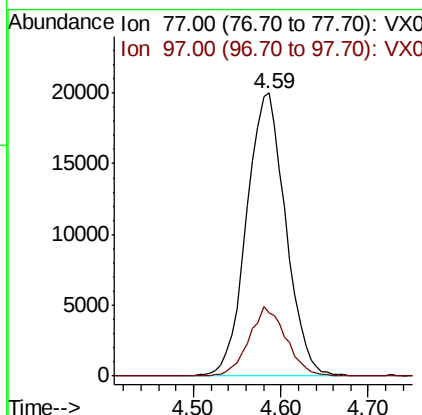
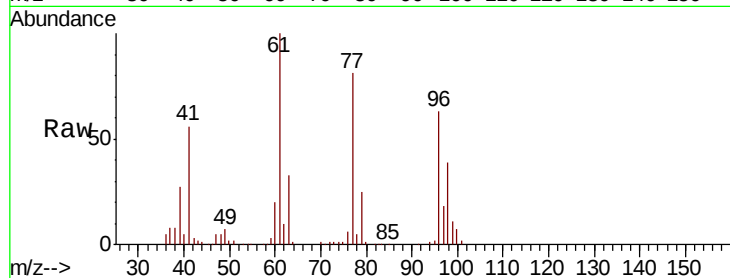




#31
 2,2-Dichloropropane
 Concen: 19.206 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

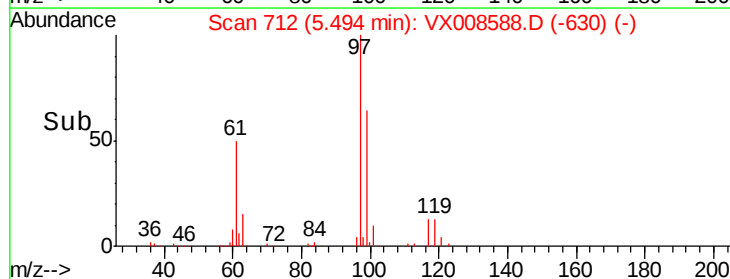
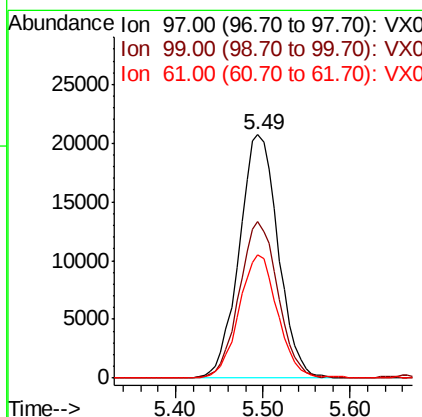
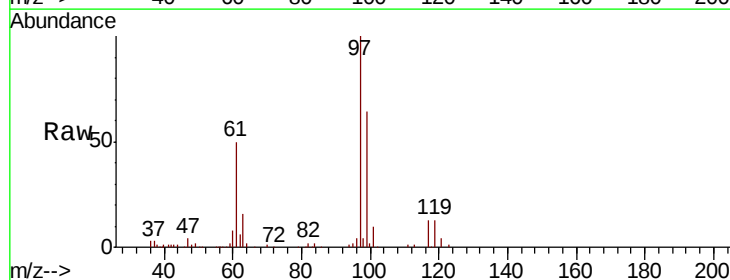
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

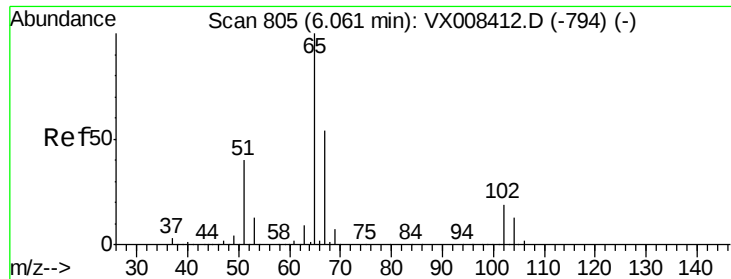
Tgt Ion: 77 Resp: 62227
 Ion Ratio Lower Upper
 77 100
 97 23.2 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 19.077 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 97 Resp: 64265
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.7 77.5
 61 49.8 32.8 49.2#

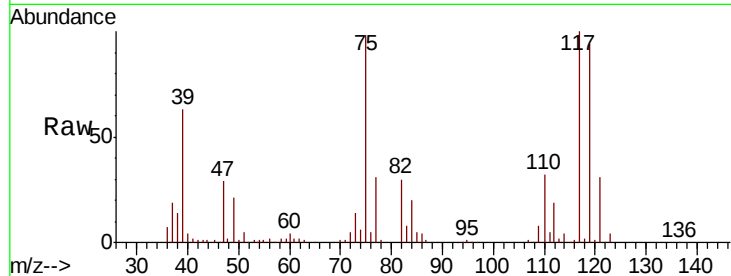




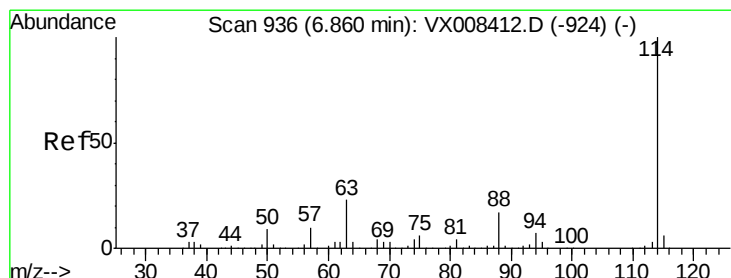
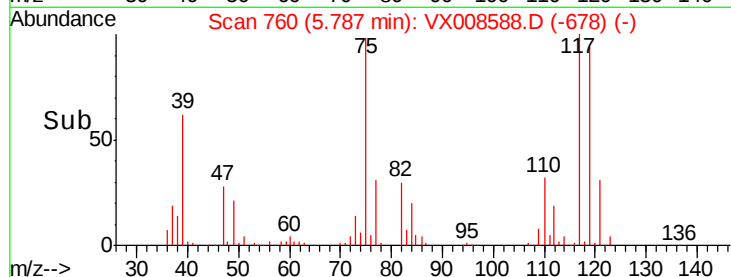
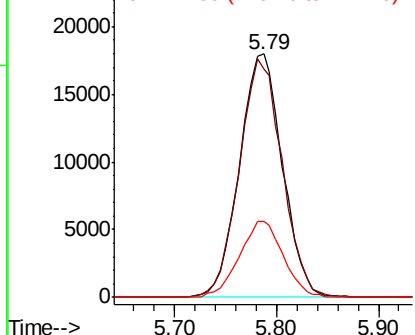
#33
Carbon Tetrachloride
Concen: 18.707 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion:117 Resp: 52727
Ion Ratio Lower Upper
117 100
119 93.6 78.1 117.1
121 31.1 27.0 40.6

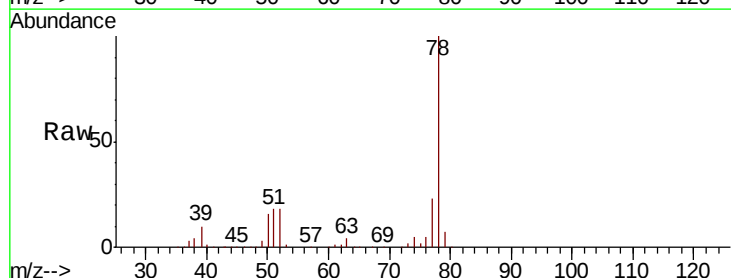


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

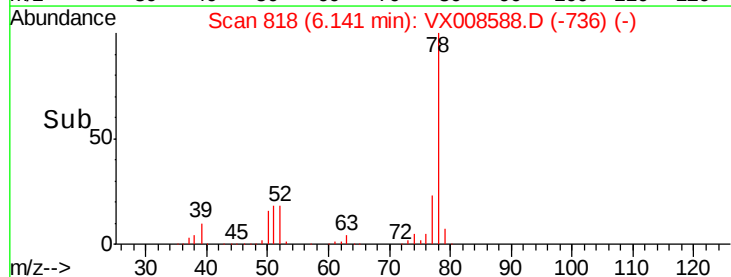
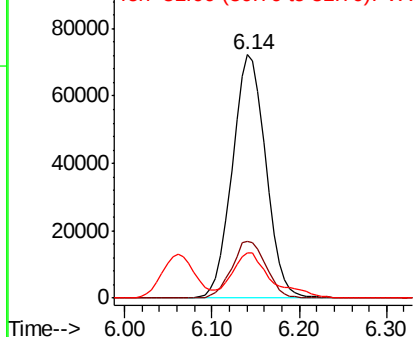


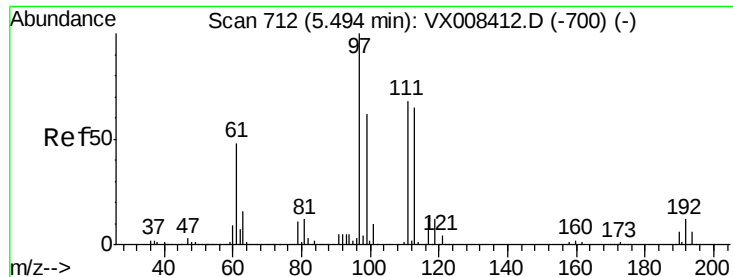
#34
Benzene
Concen: 19.375 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 78 Resp: 192132
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 18.1 10.8 16.2#



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

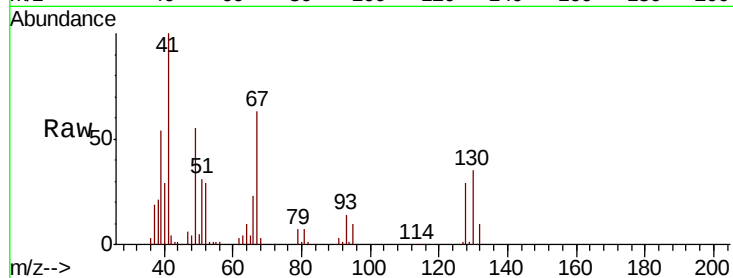




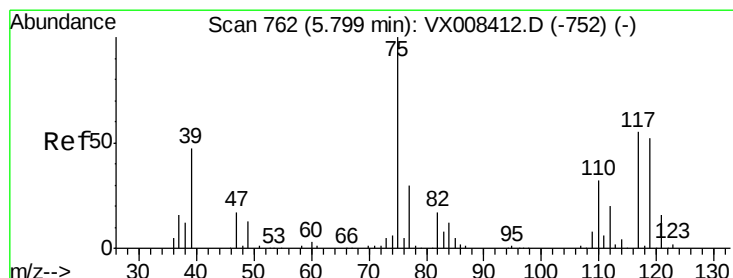
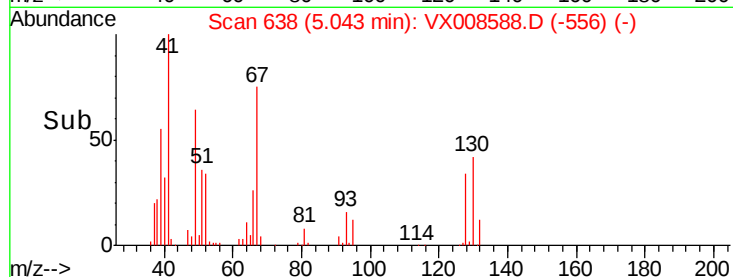
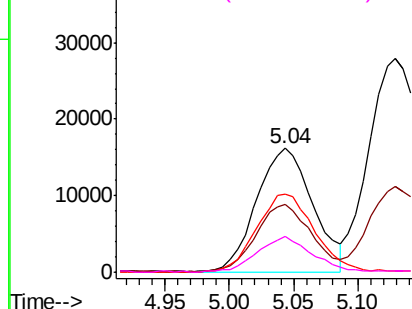
#35
Methacrylonitrile
Concen: 20.146 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion: 41 Resp: 48874
Ion Ratio Lower Upper
41 100
39 54.0 27.4 82.0
67 63.7 37.9 113.6
52 28.2 13.3 39.9

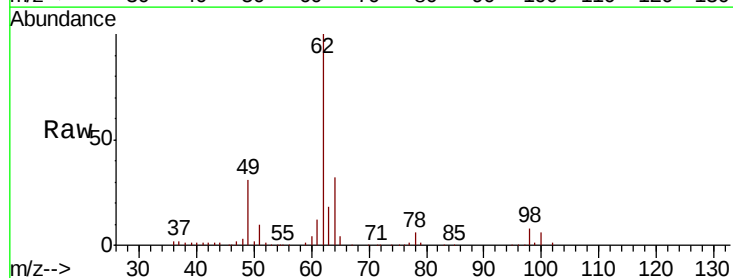


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

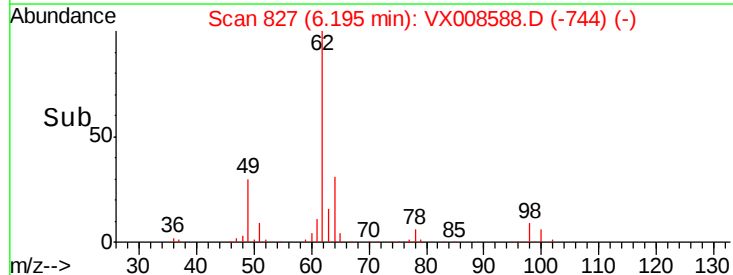
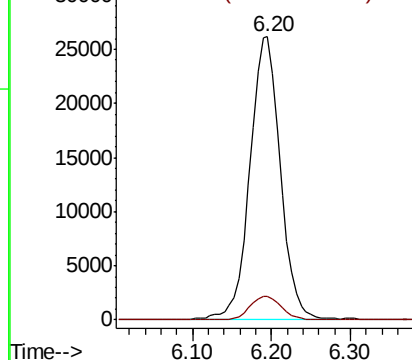


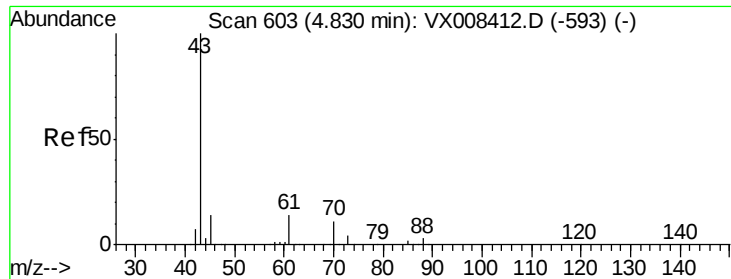
#36
1,2-Dichloroethane
Concen: 19.870 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 62 Resp: 70249
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.002 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

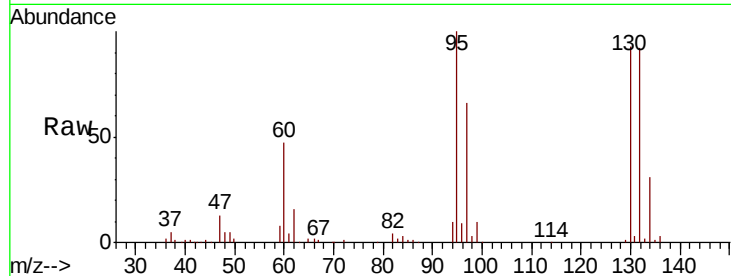
VX0402WBS01

Tgt Ion:130 Resp: 43334

Ion Ratio Lower Upper

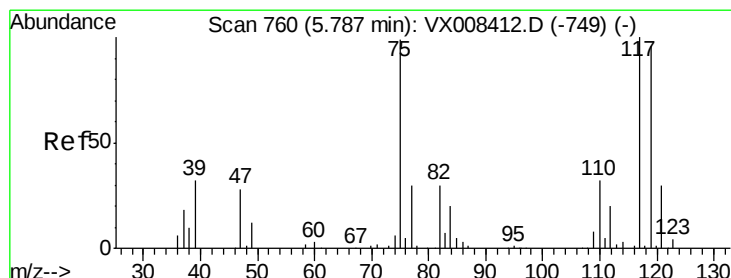
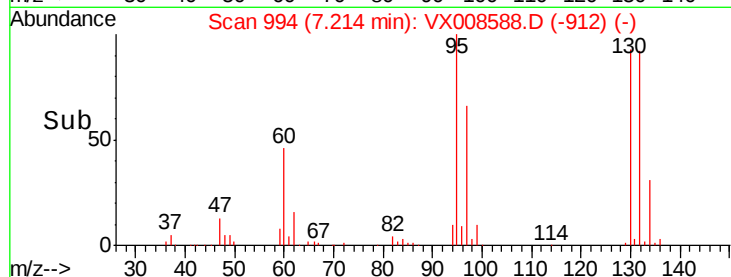
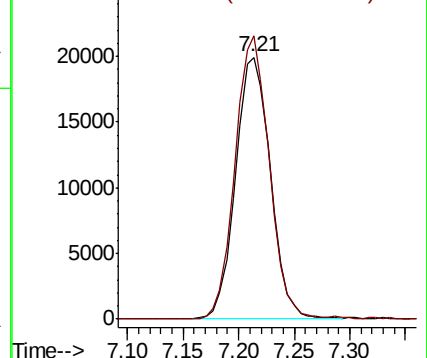
130 100

95 107.9 71.3 106.9#



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.831 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

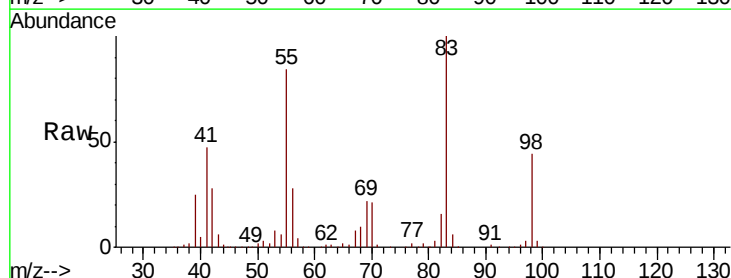
Tgt Ion: 83 Resp: 76979

Ion Ratio Lower Upper

83 100

55 86.1 36.0 108.0

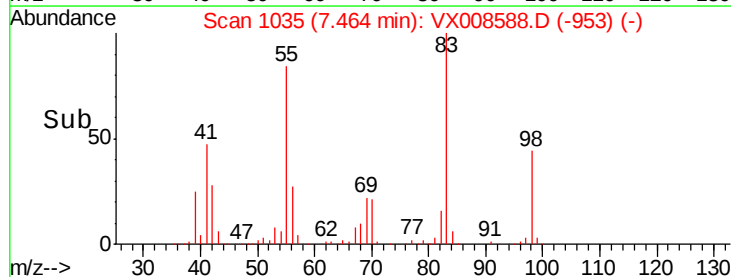
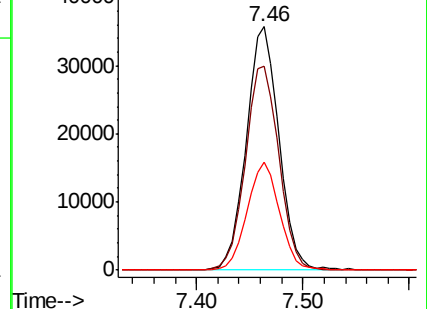
98 44.1 23.8 71.4

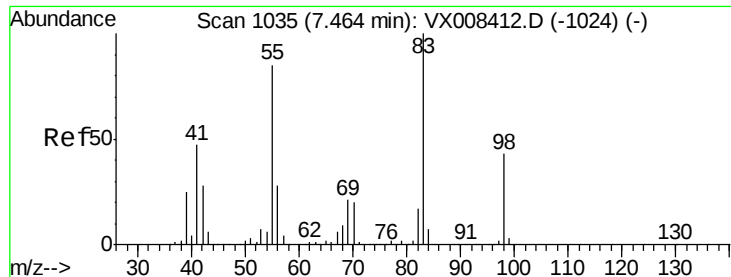


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

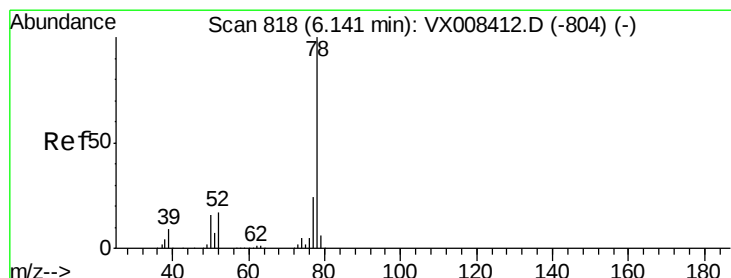
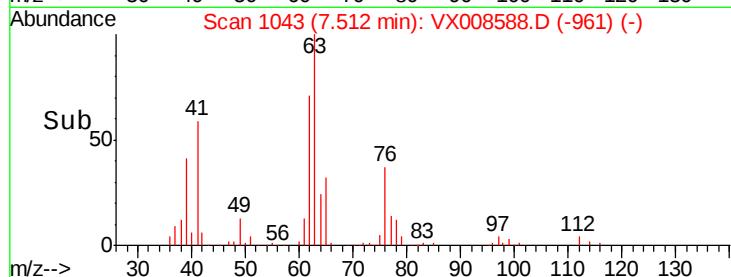
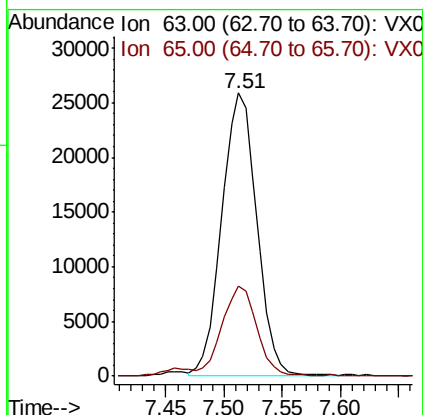
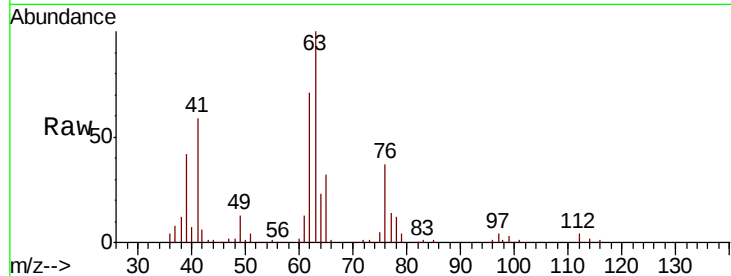




#39
 1,2-Dichloropropane
 Concen: 19.294 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

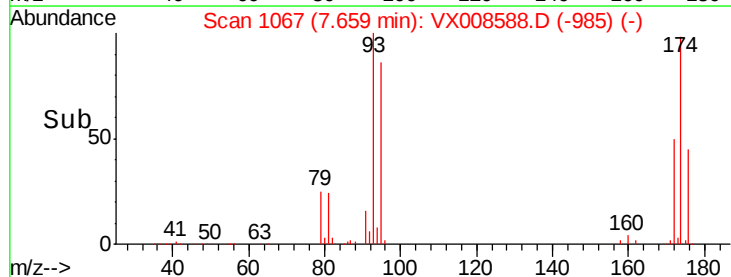
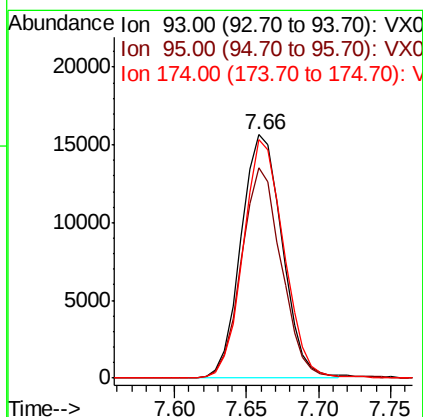
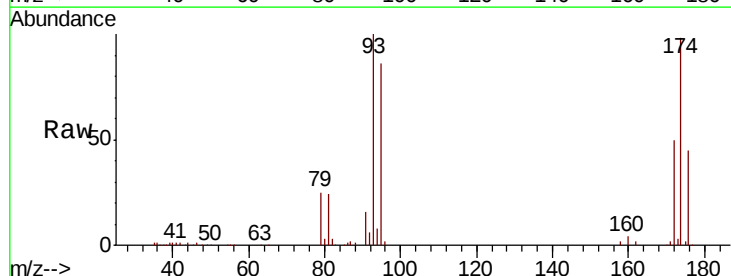
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

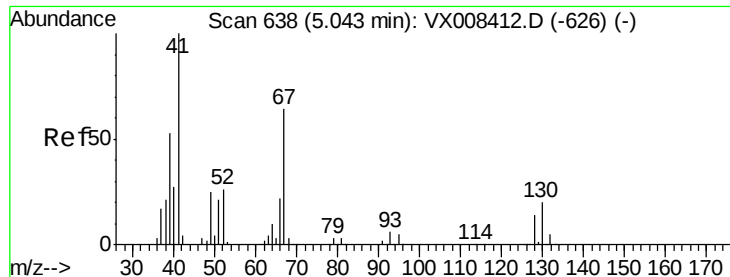
Tgt Ion: 63 Resp: 54266
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0



#40
 Dibromomethane
 Concen: 19.112 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 93 Resp: 31140
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 158.8
 174 95.5 0.0 224.2





#41

Bromodichloromethane

Concen: 19.205 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

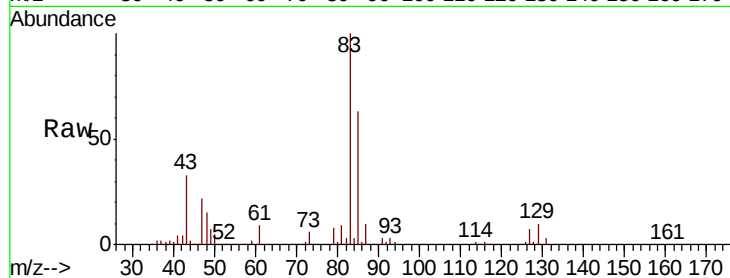
Tgt Ion: 83 Resp: 61525

Ion Ratio Lower Upper

83 100

85 62.8 51.1 76.7

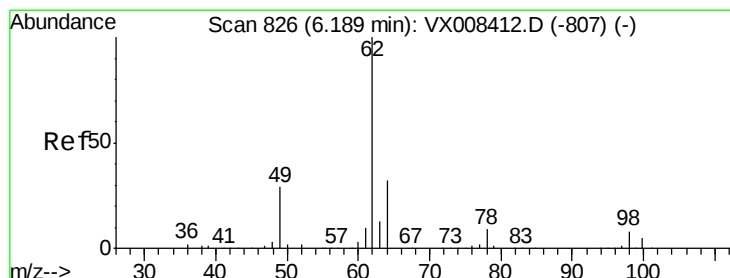
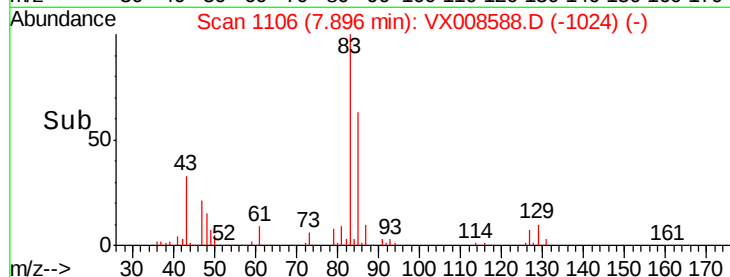
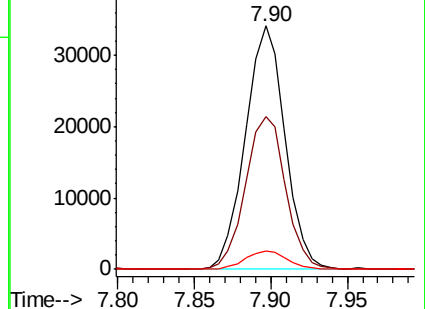
127 7.5 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.325 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008588.D

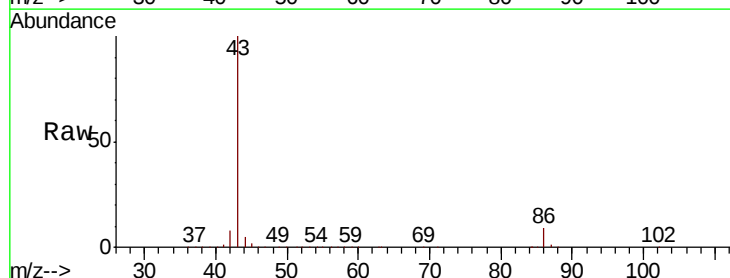
Acq: 02 Apr 2019 12:04

Tgt Ion: 43 Resp: 803215

Ion Ratio Lower Upper

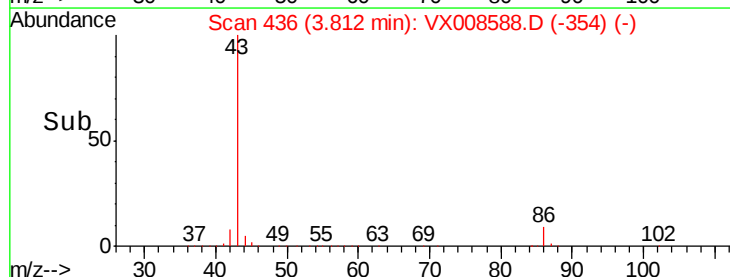
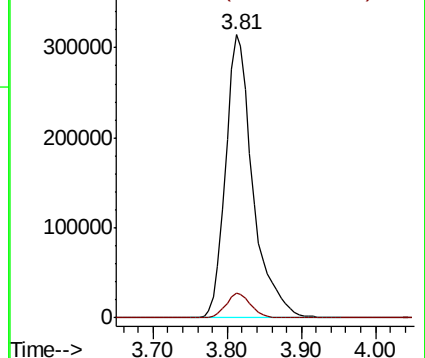
43 100

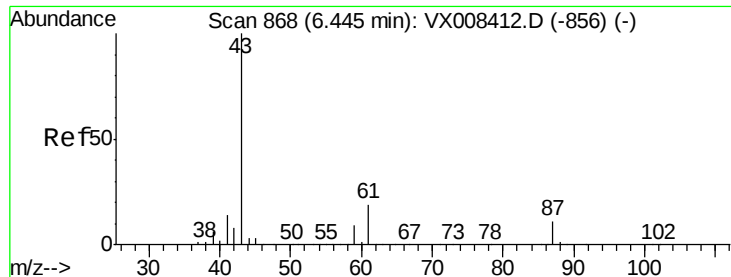
86 7.8 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

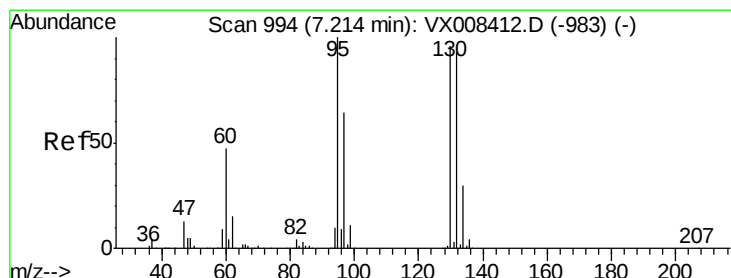
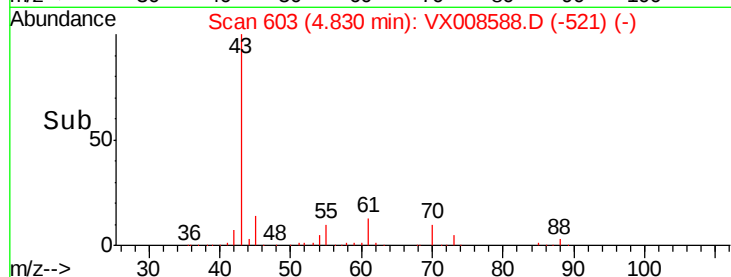
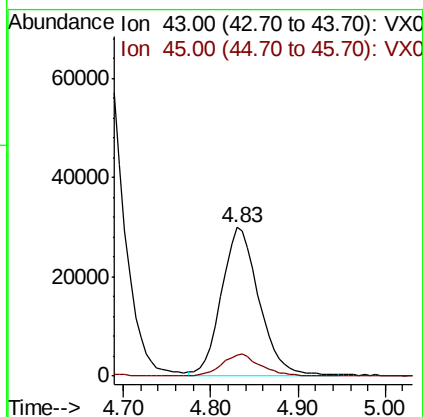
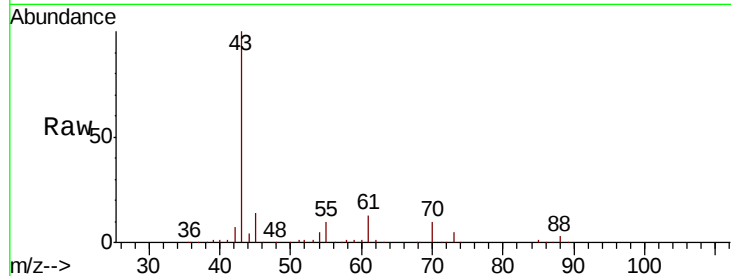




#43
Ethyl Acetate
Concen: 20.751 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

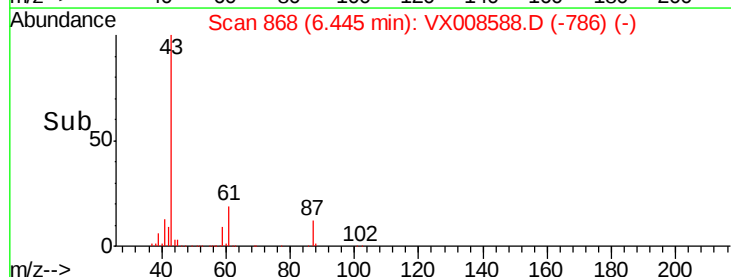
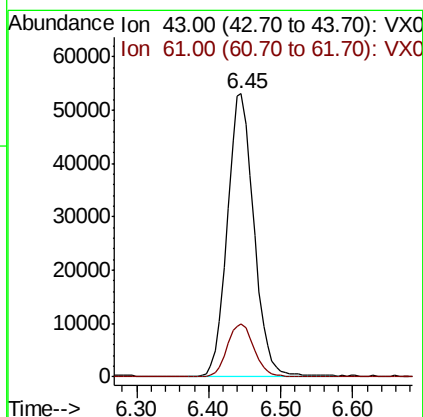
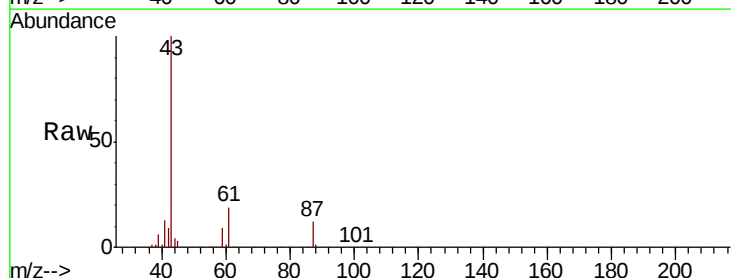
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

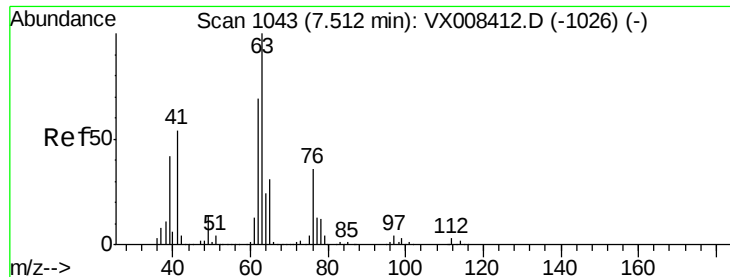
Tgt Ion: 43 Resp: 89094
Ion Ratio Lower Upper
43 100
45 15.7 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.570 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 43 Resp: 135869
Ion Ratio Lower Upper
43 100
61 19.1 16.1 24.1

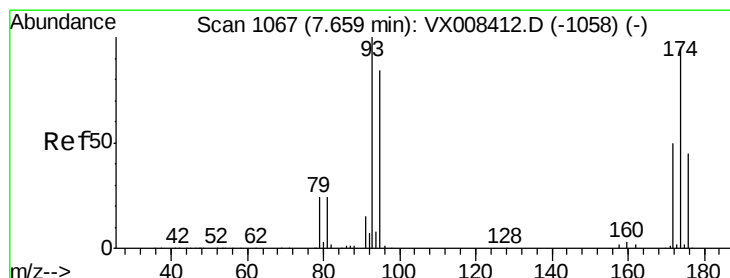
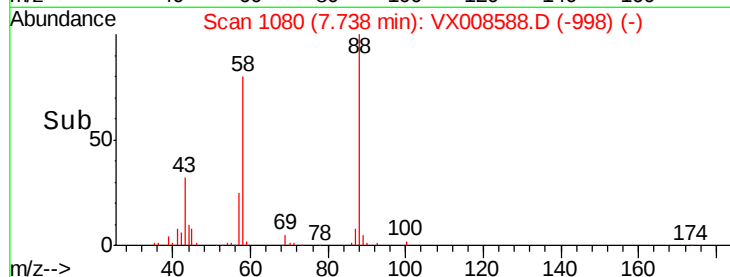
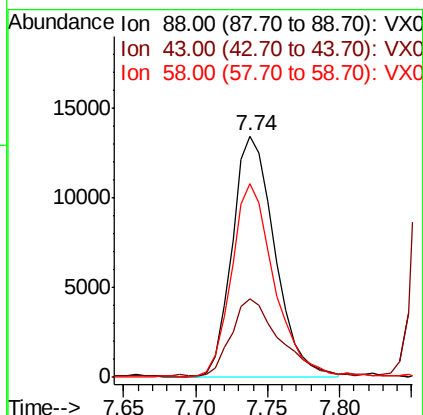
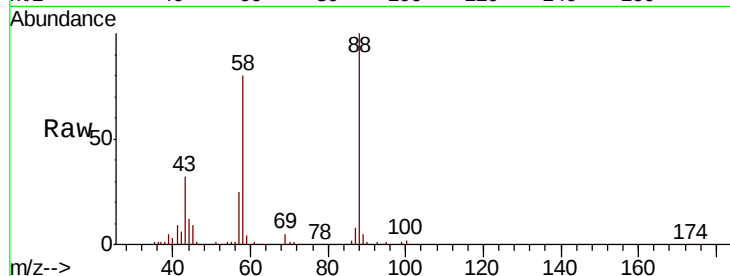




#45
 1,4-Dioxane
 Concen: 401.632 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

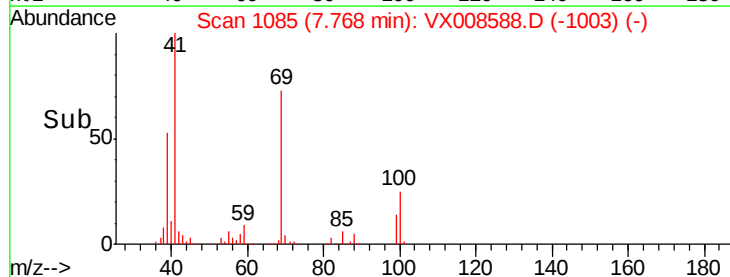
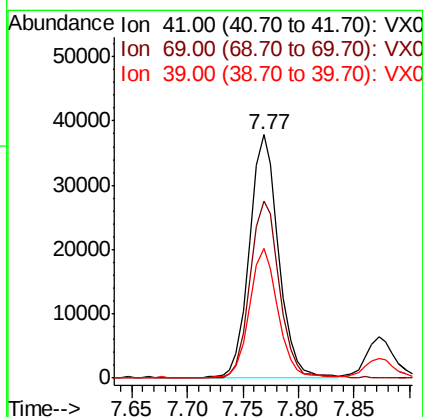
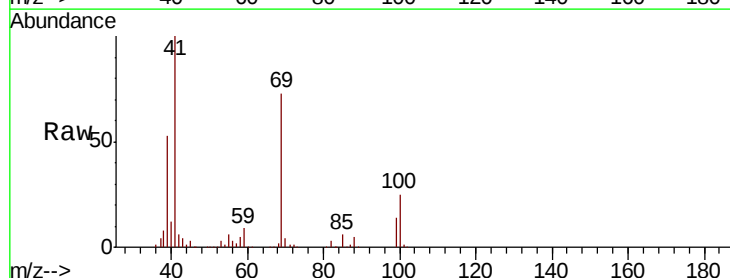
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

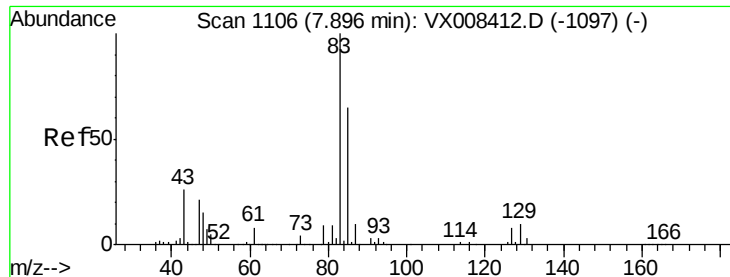
Tgt Ion: 88 Resp: 27758
 Ion Ratio Lower Upper
 88 100
 43 35.9 23.6 35.4#
 58 81.2 51.6 77.4#



#46
 Methyl methacrylate
 Concen: 19.384 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 41 Resp: 68348
 Ion Ratio Lower Upper
 41 100
 69 72.8 44.2 132.6
 39 53.3 29.9 89.8

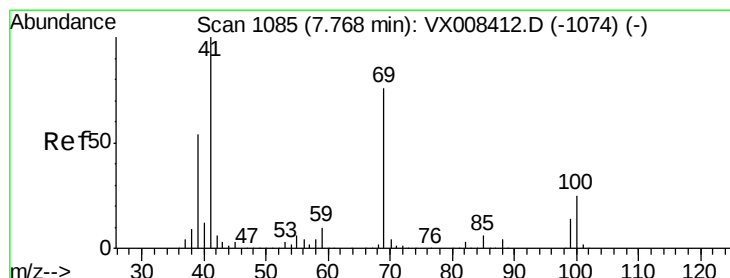
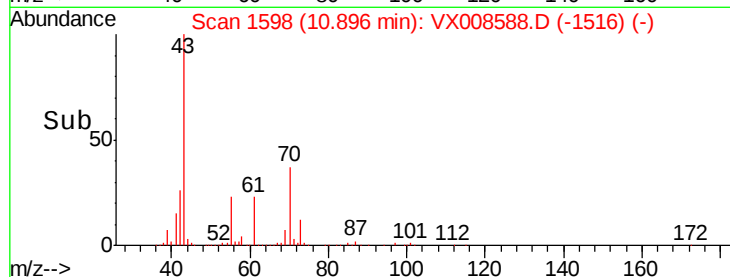
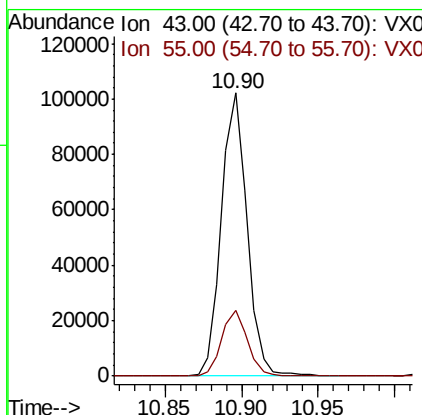
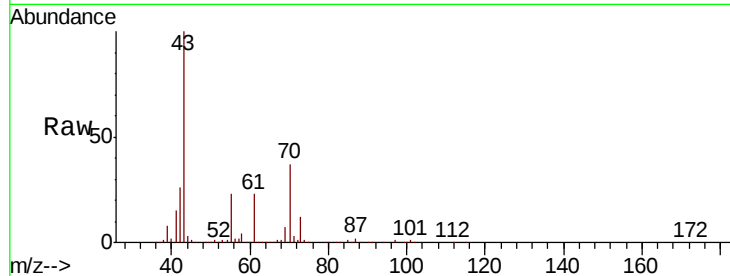




#47
 n-amy1 Acetate
 Concen: 18.870 ug/l
 RT: 10.90 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

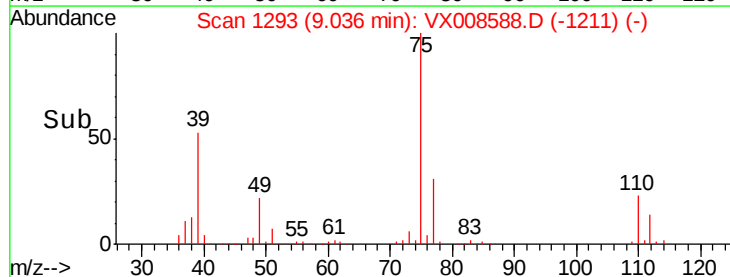
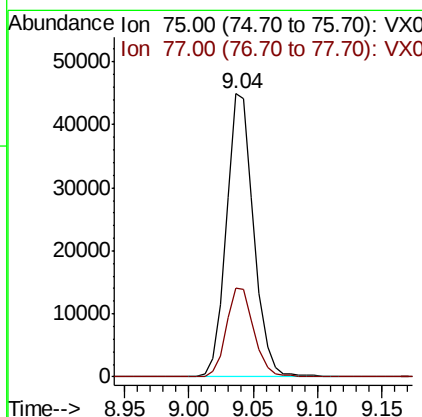
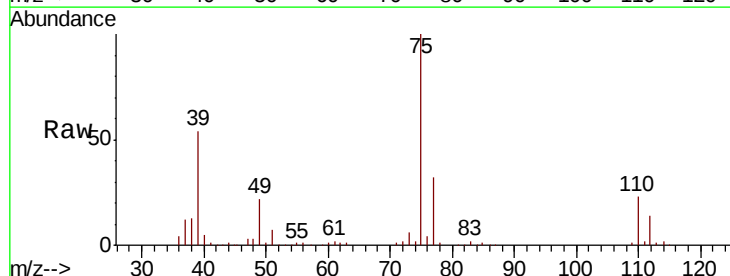
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

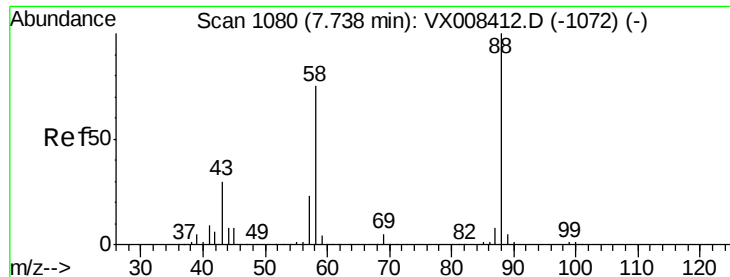
Tgt Ion: 43 Resp: 119002
 Ion Ratio Lower Upper
 43 100
 55 23.5 20.8 31.2



#48
 t-1,3-Dichloropropene
 Concen: 18.449 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 75 Resp: 66760
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7



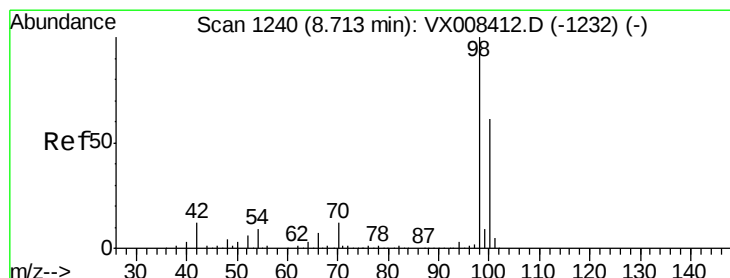
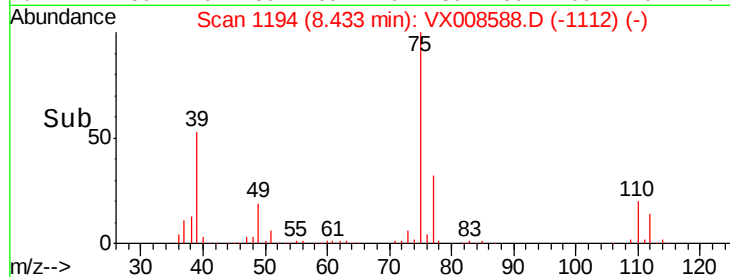
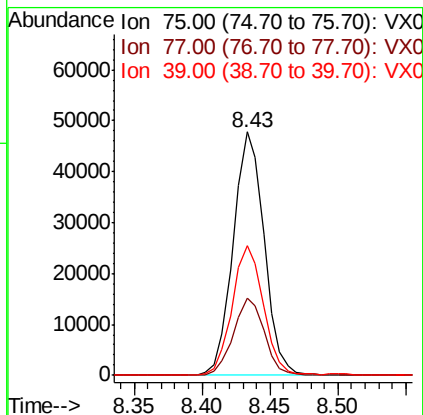
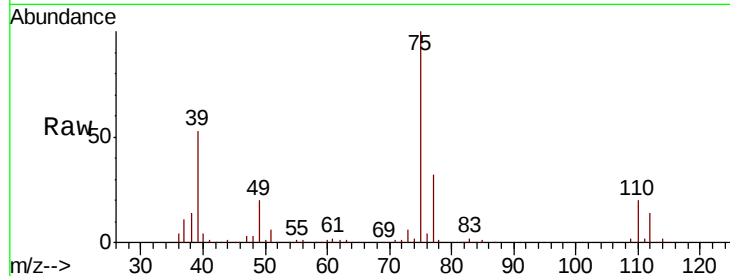


#49

cis-1,3-Dichloropropene
 Concen: 18.737 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

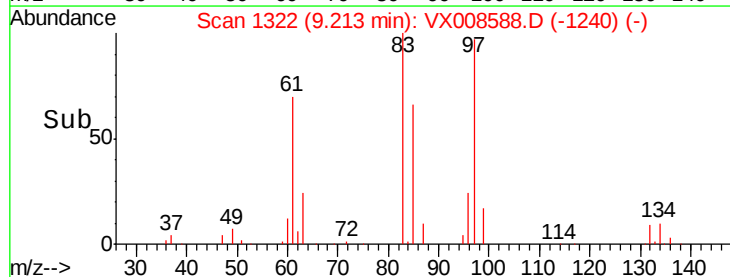
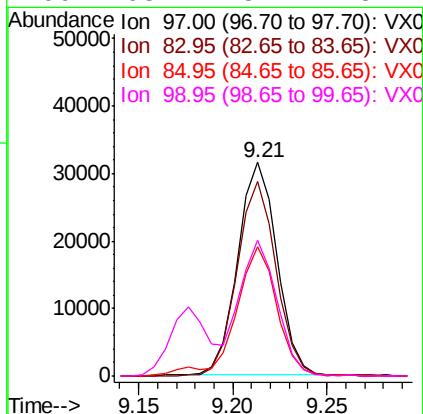
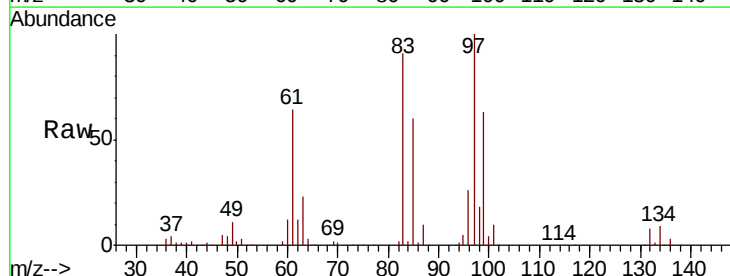
Tgt Ion: 75 Resp: 75837
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4
 39 53.1 38.5 57.7

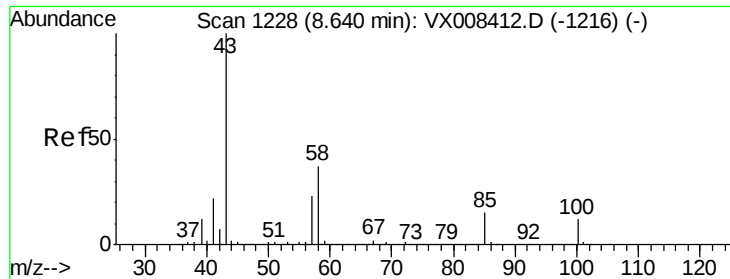


#50

1,1,2-Trichloroethane
 Concen: 18.898 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 97 Resp: 45719
 Ion Ratio Lower Upper
 97 100
 83 91.0 72.0 108.0
 85 60.1 45.0 67.6
 99 63.4 54.2 81.4





#51

Ethyl methacrylate

Concen: 18.896 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

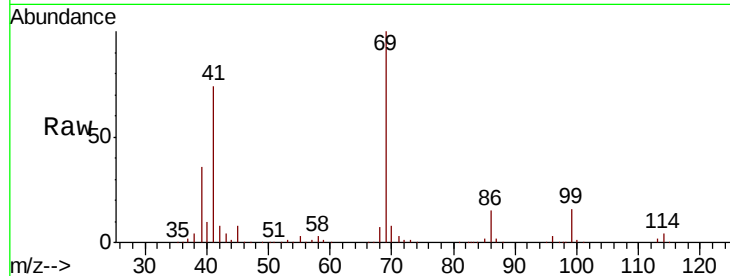
Tgt Ion: 69 Resp: 85070

Ion Ratio Lower Upper

69 100

41 73.8 32.1 96.5

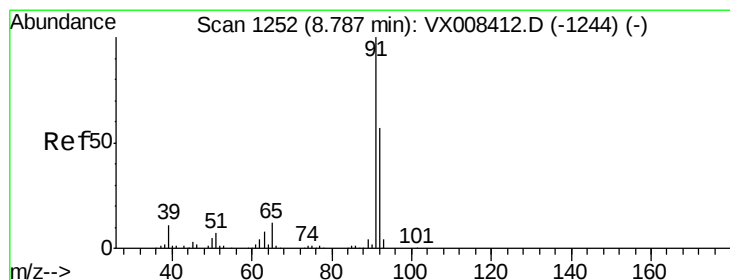
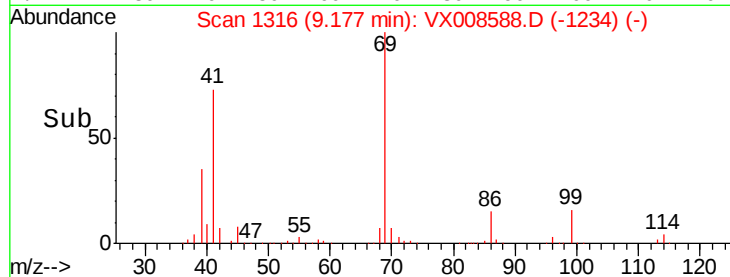
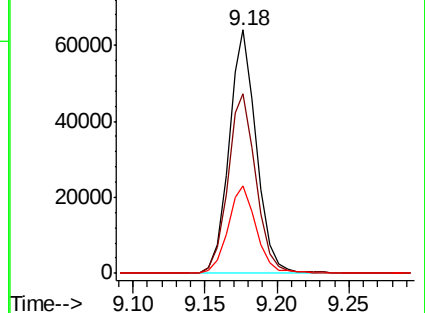
39 35.9 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.657 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX008588.D

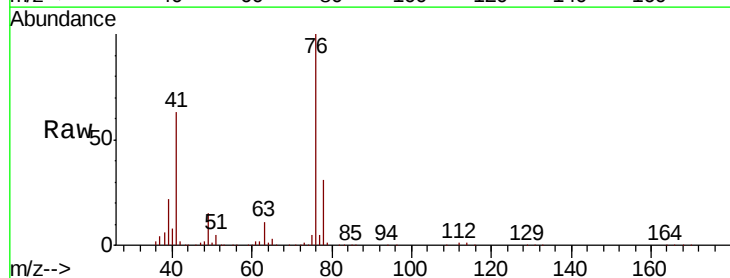
Acq: 02 Apr 2019 12:04

Tgt Ion: 76 Resp: 84607

Ion Ratio Lower Upper

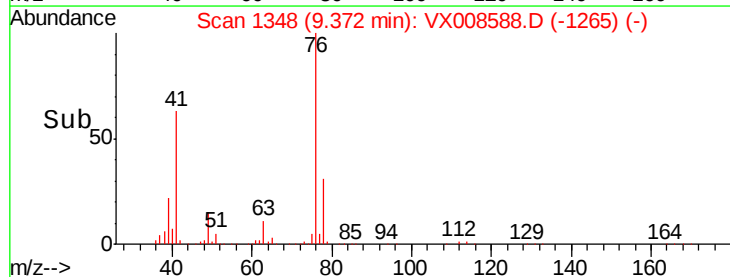
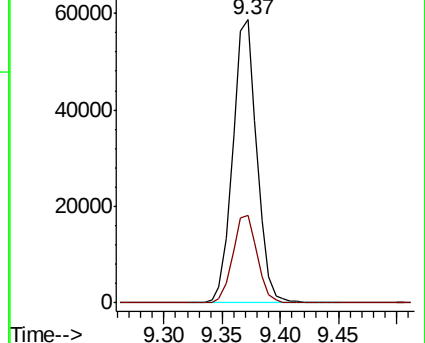
76 100

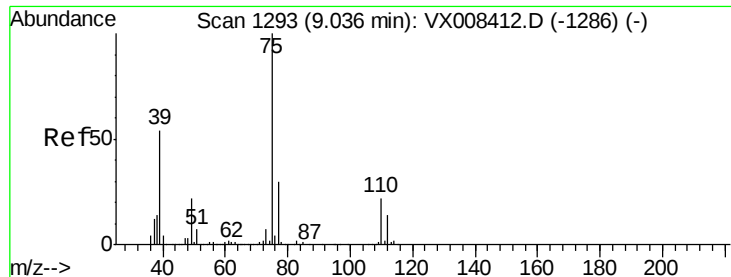
78 31.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.302 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

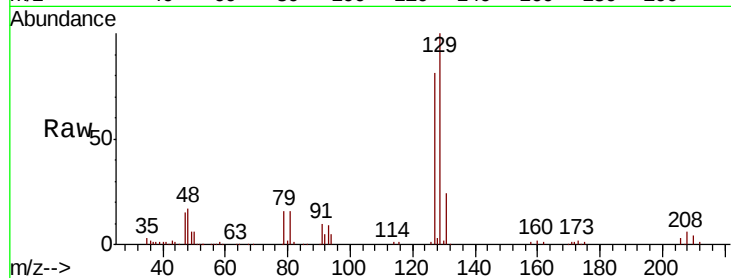
VX0402WBS01

Tgt Ion:129 Resp: 43573

Ion Ratio Lower Upper

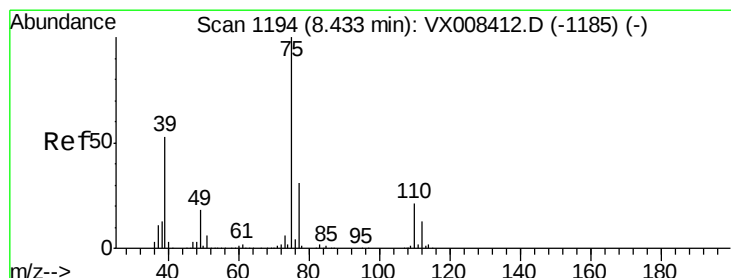
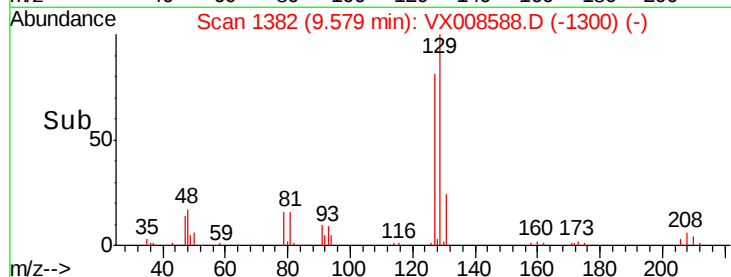
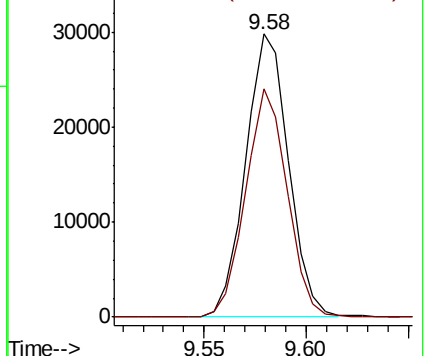
129 100

127 78.2 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.848 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008588.D

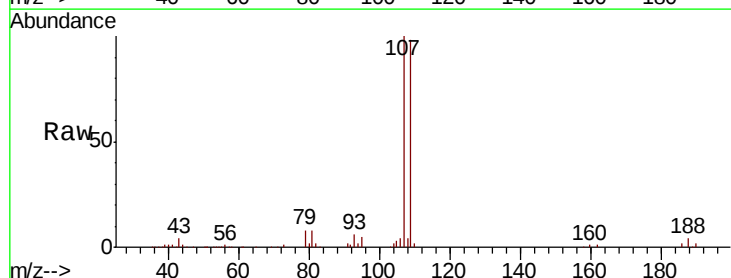
Acq: 02 Apr 2019 12:04

Tgt Ion:107 Resp: 47005

Ion Ratio Lower Upper

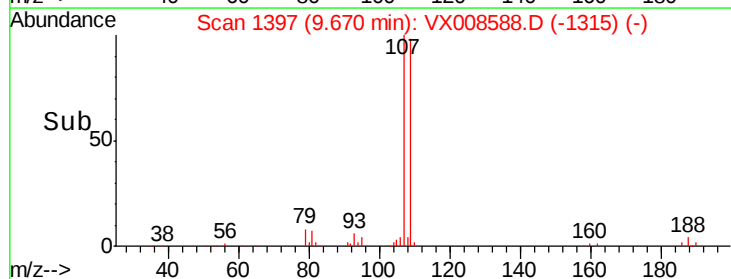
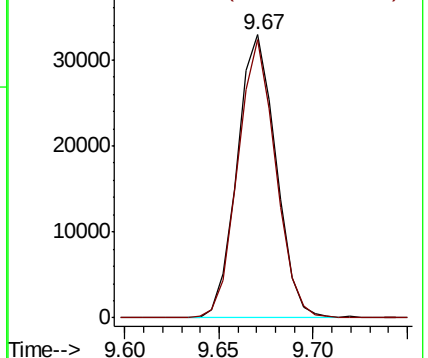
107 100

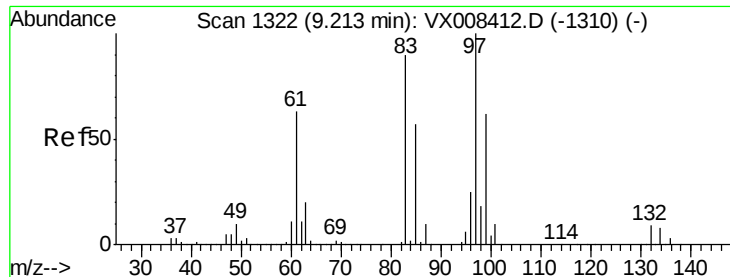
109 95.6 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

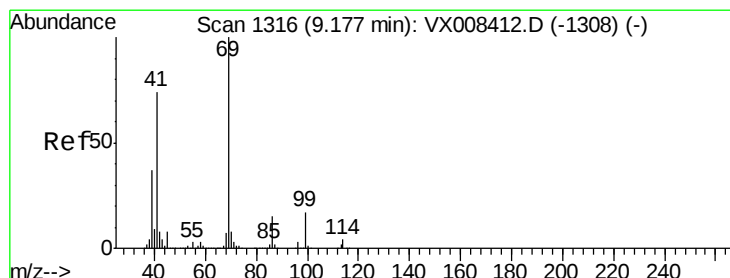
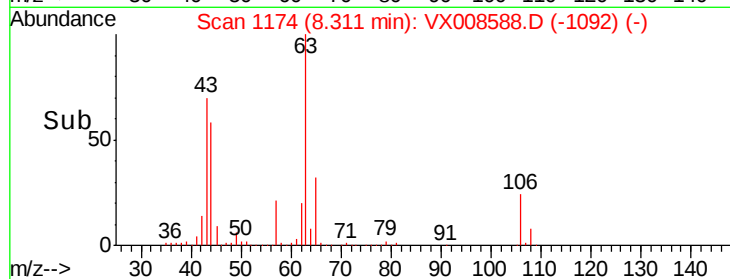
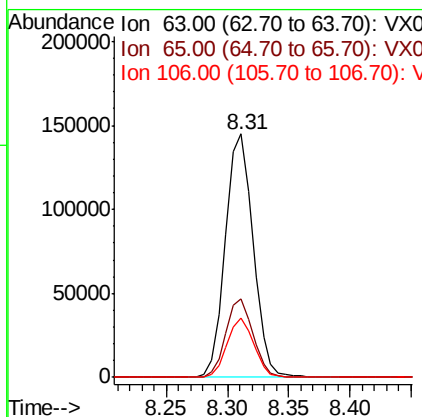
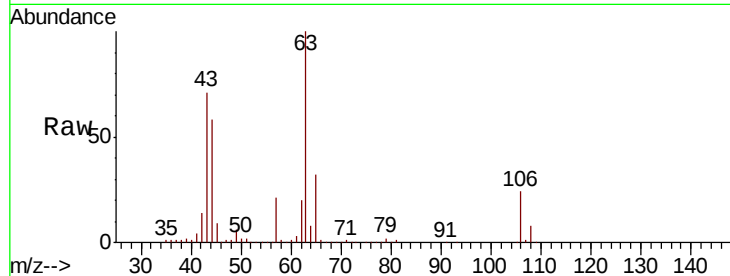




#55
 2-Chloroethyl vinyl ether
 Concen: 100.228 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

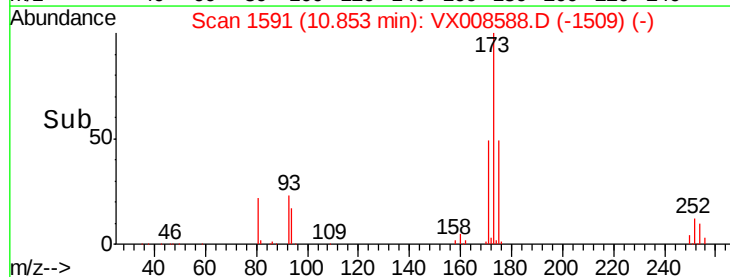
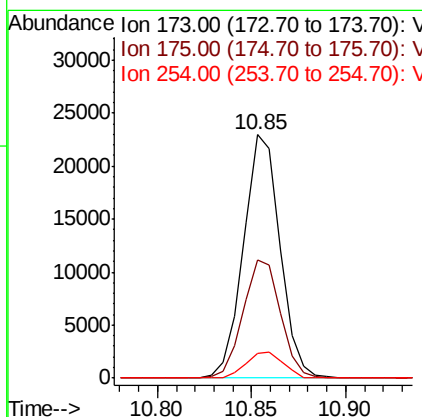
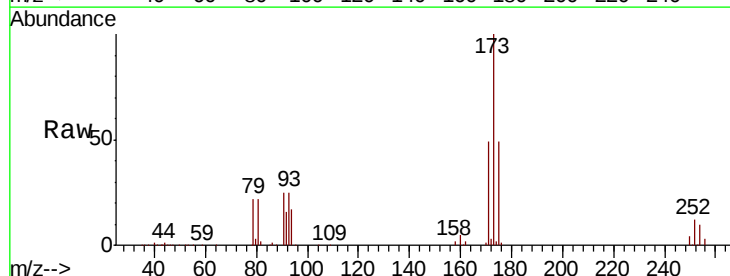
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tgt Ion: 63 Resp: 227642
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.7 38.5
 106 23.8 23.7 35.5



#56
 Bromoform
 Concen: 17.773 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 173 Resp: 30837
 Ion Ratio Lower Upper
 173 100
 175 49.9 38.5 57.7
 254 10.8 7.4 11.2

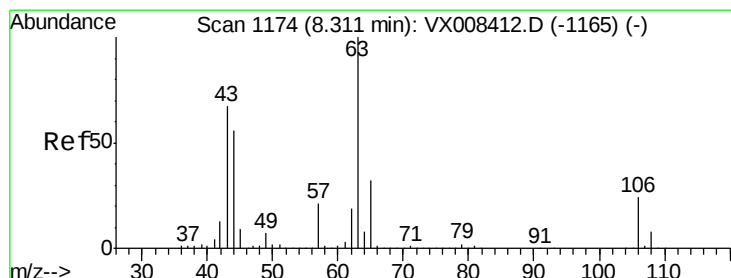
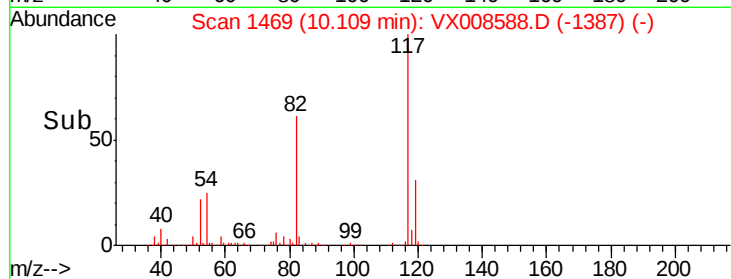
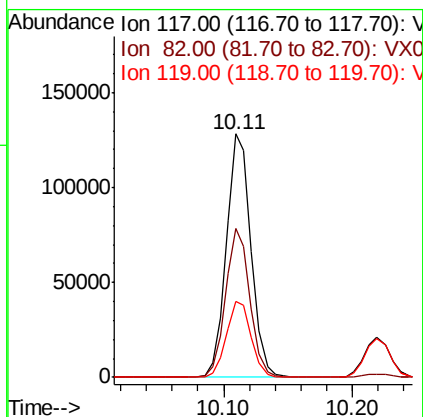
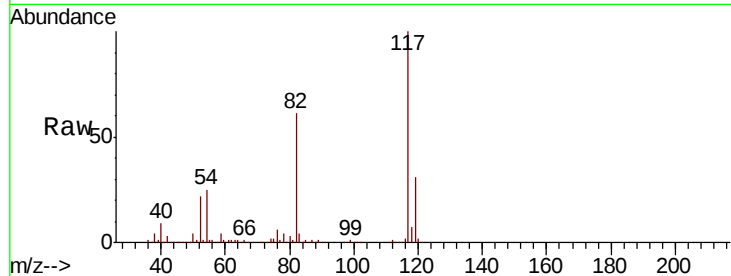




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

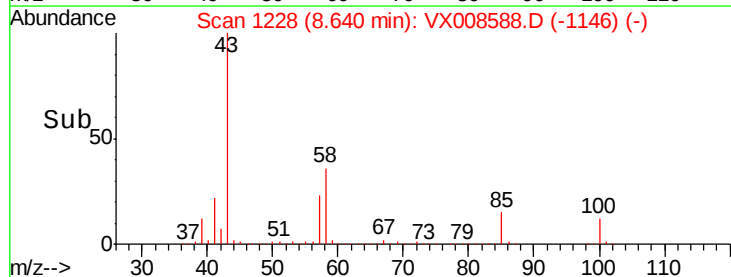
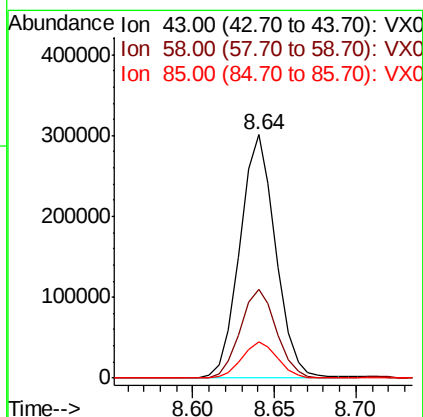
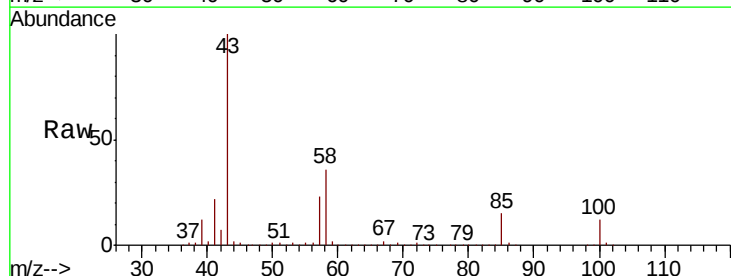
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

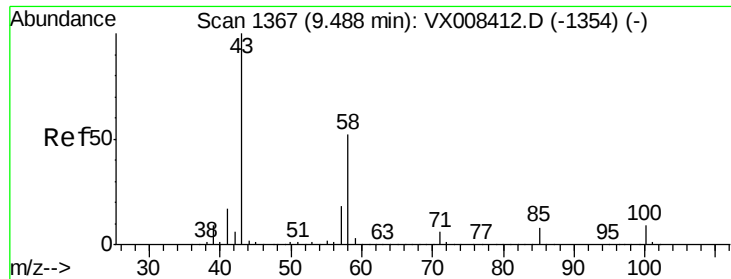
Tgt Ion: 117 Resp: 171952
Ion Ratio Lower Upper
117 100
82 60.3 40.4 60.6
119 31.5 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 100.906 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 43 Resp: 457748
Ion Ratio Lower Upper
43 100
58 37.1 31.4 47.0
85 15.1 15.0 22.6

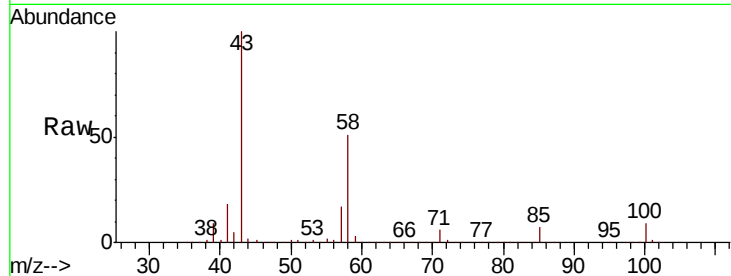




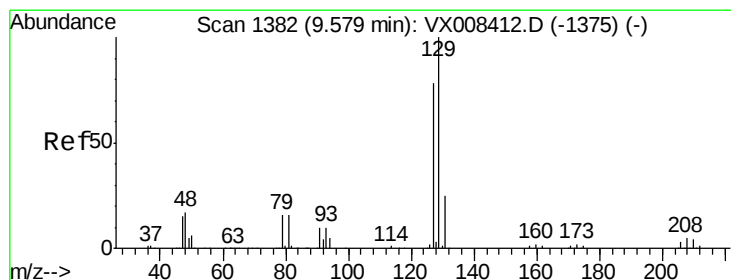
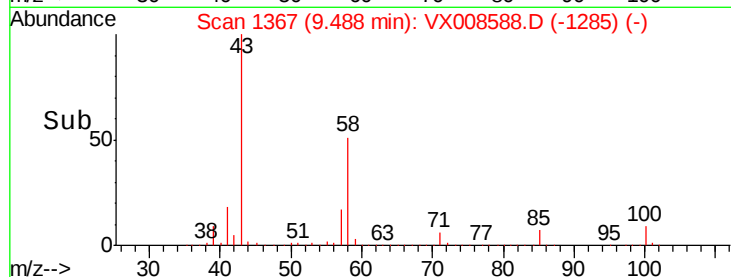
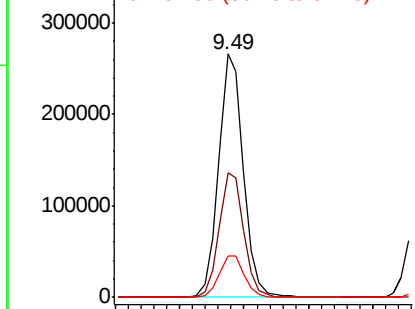
#59
2-Hexanone
Concen: 100.177 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion: 43 Resp: 359030
Ion Ratio Lower Upper
43 100
58 51.5 43.9 65.9
57 17.6 14.9 22.3

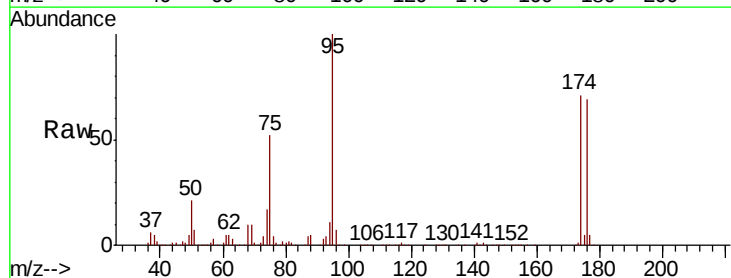


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

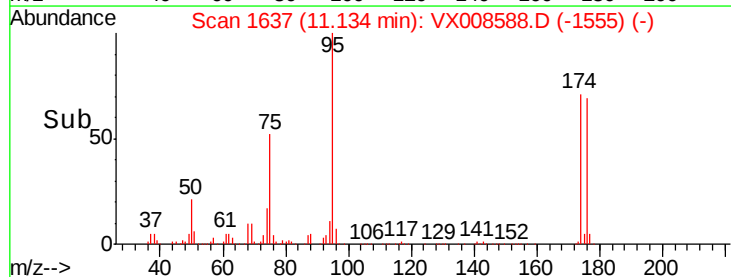
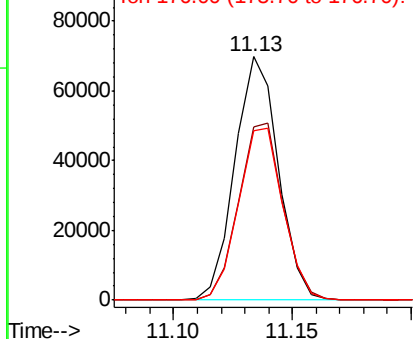


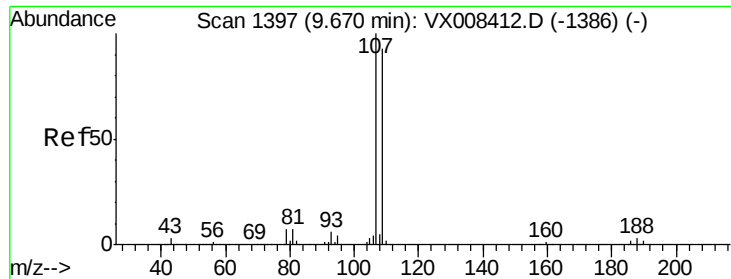
#60
4-Bromofluorobenzene
Concen: 29.575 ug/l m
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 95 Resp: 88605
Ion Ratio Lower Upper
95 100
174 0.3 74.9 112.3#
176 0.3 70.7 106.1#



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 20.004 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tgt Ion:164 Resp: 37625

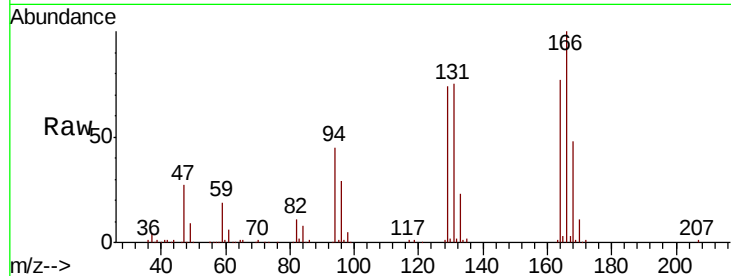
Ion Ratio Lower Upper

164 100

166 129.9 103.9 155.9

129 96.6 74.7 112.1

131 96.8 71.7 107.5



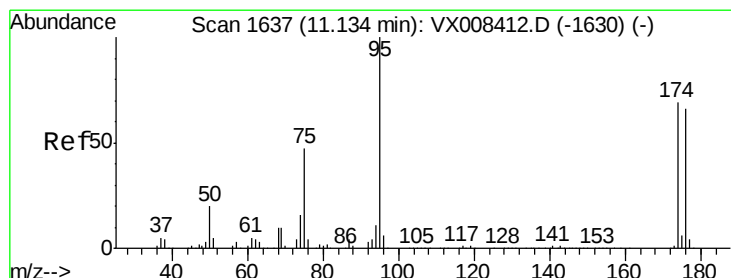
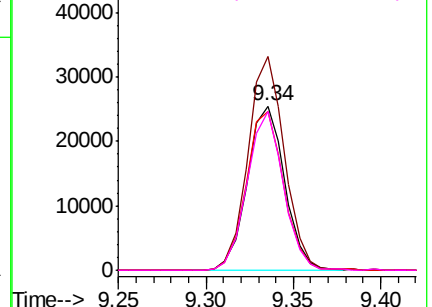
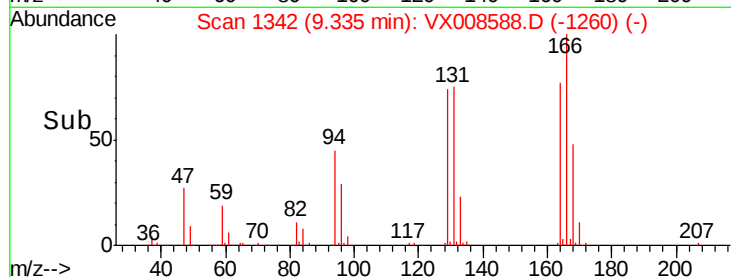
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.392 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008588.D

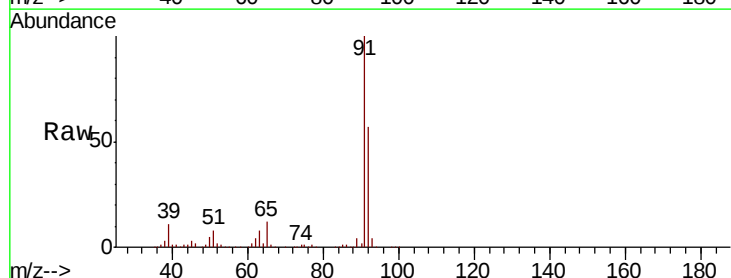
Acq: 02 Apr 2019 12:04

Tgt Ion: 91 Resp: 201892

Ion Ratio Lower Upper

91 100

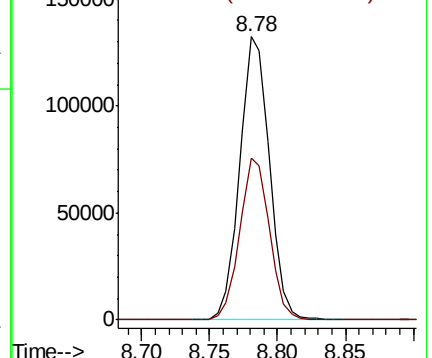
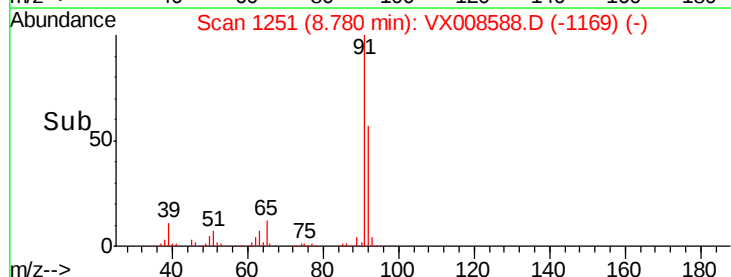
92 57.3 46.4 69.6

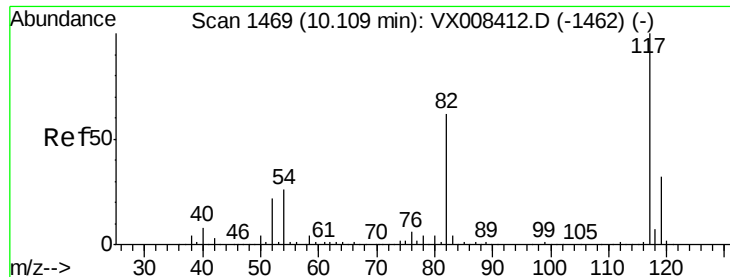


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

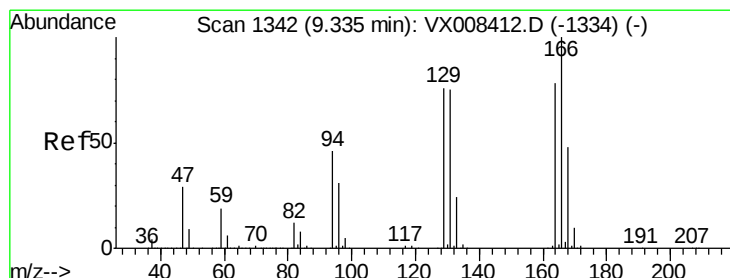
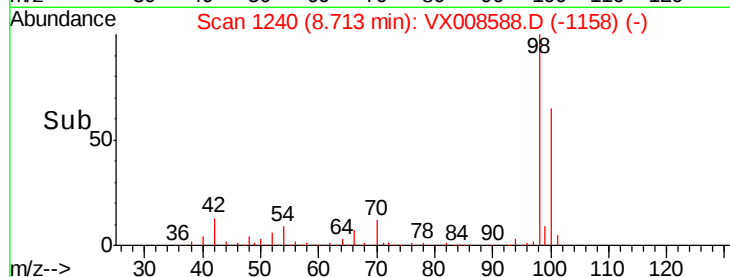
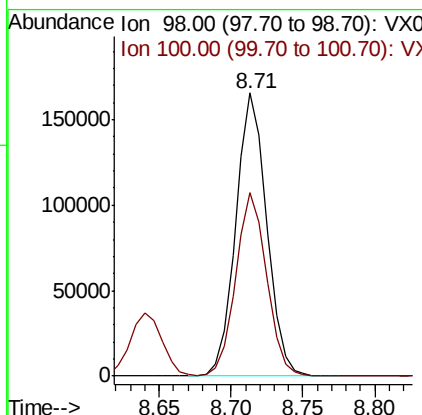
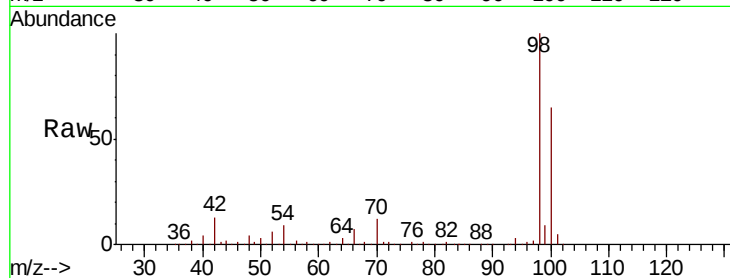




#63
Toluene-d8
Concen: 30.284 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

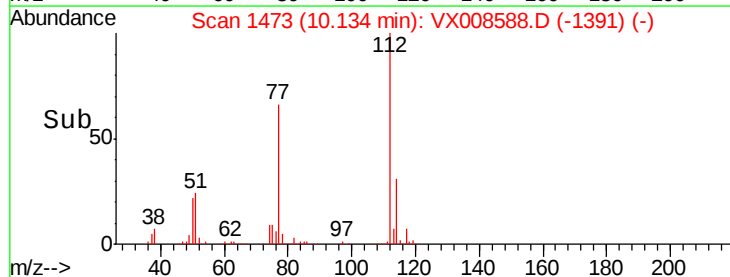
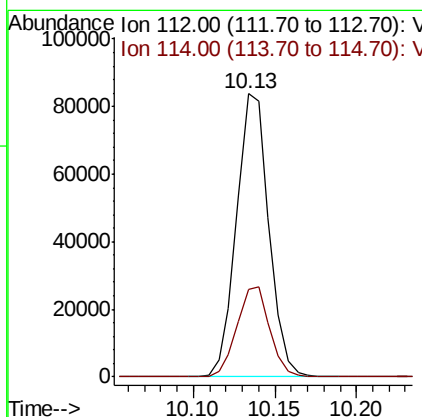
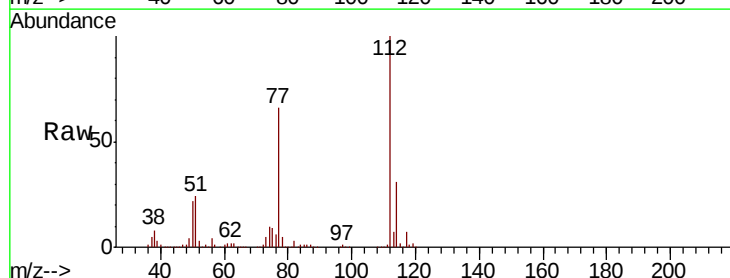
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

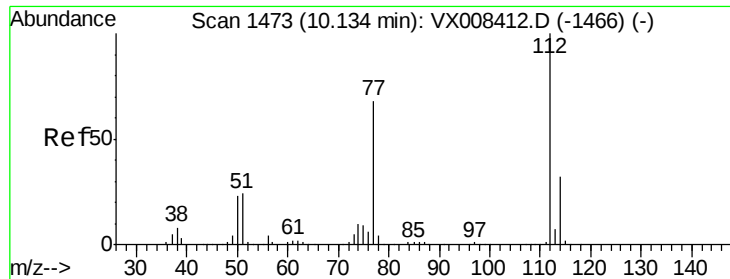
Tgt Ion: 98 Resp: 247181
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#64
Chlorobenzene
Concen: 19.030 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 112 Resp: 116091
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

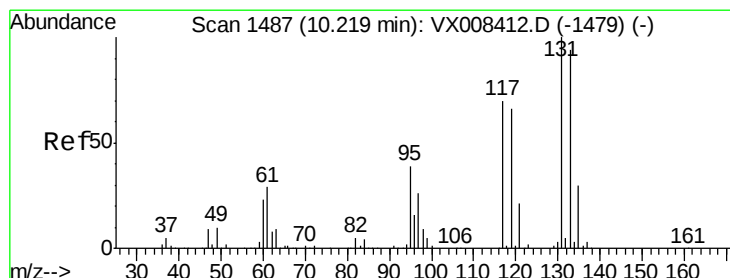
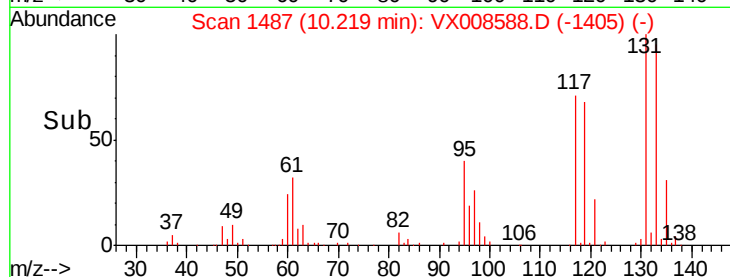
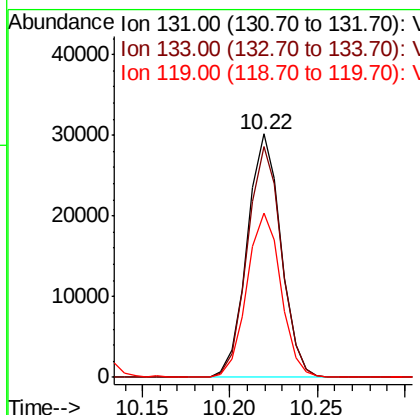
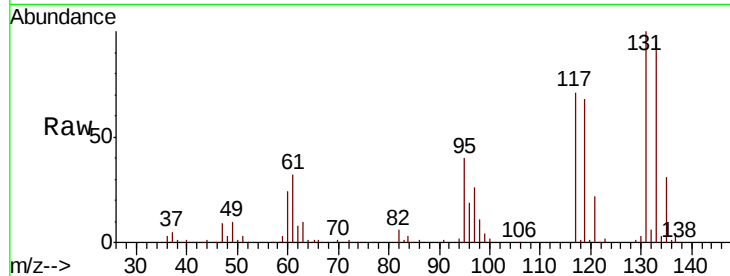




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.850 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

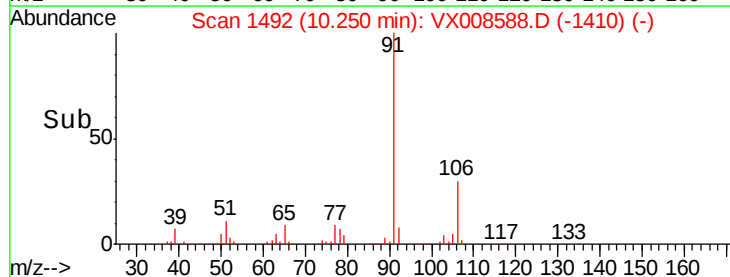
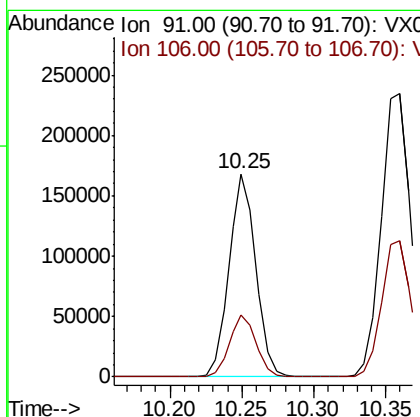
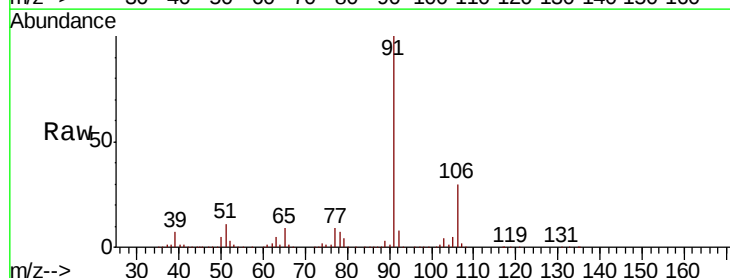
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

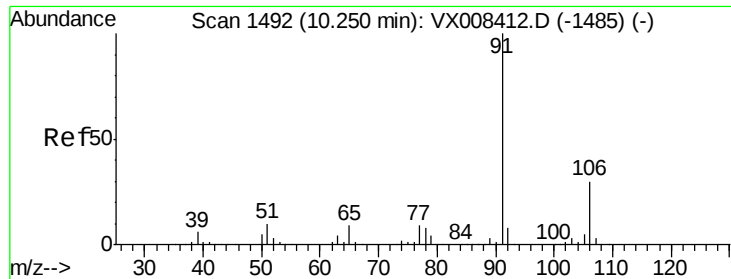
Tgt Ion: 131 Resp: 40542
 Ion Ratio Lower Upper
 131 100
 133 95.7 0.0 191.6
 119 68.1 0.0 127.4



#66
 Ethyl Benzene
 Concen: 18.992 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 91 Resp: 219468
 Ion Ratio Lower Upper
 91 100
 106 30.2 26.0 39.0

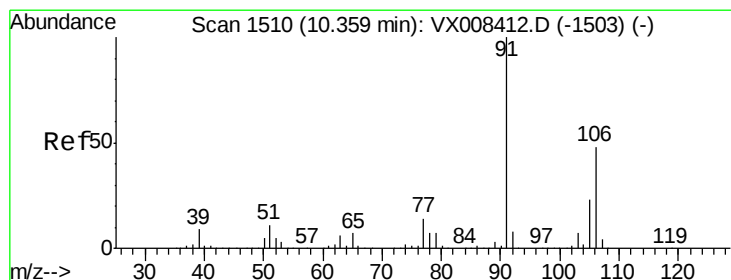
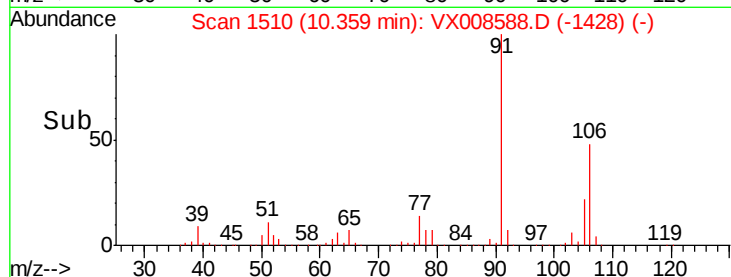
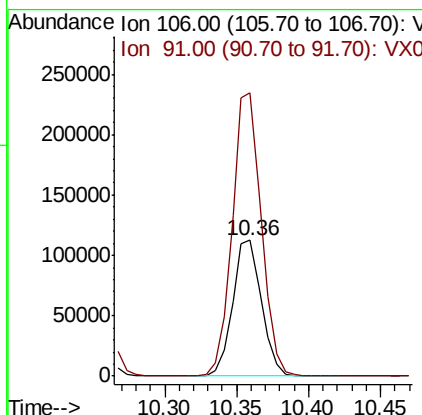
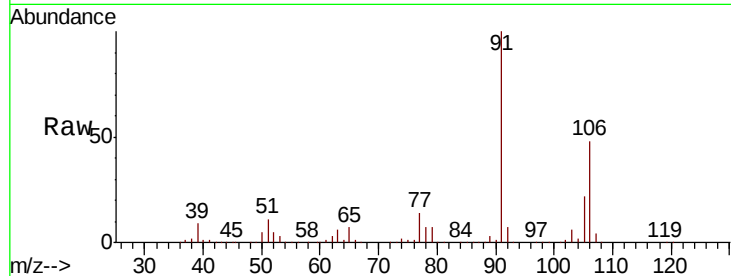




#67
m/p-Xylenes
Concen: 37.423 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

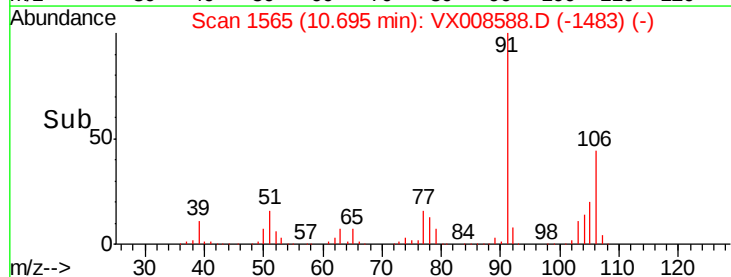
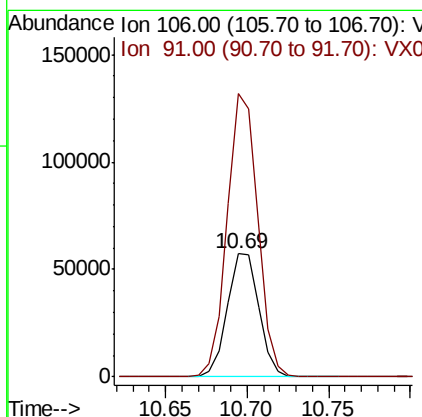
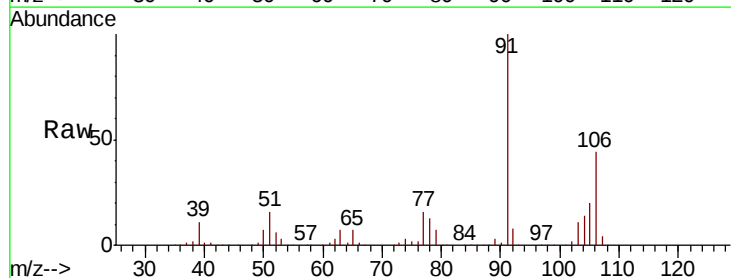
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

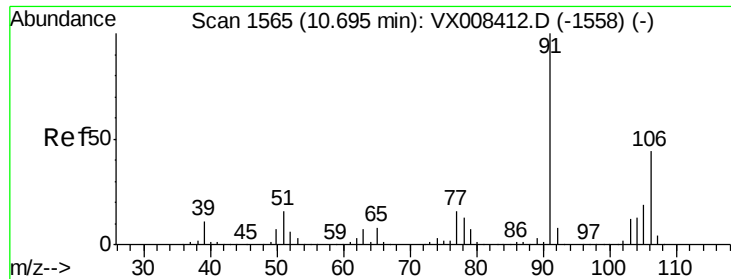
Tgt Ion:106 Resp: 157730
Ion Ratio Lower Upper
106 100
91 209.2 157.0 235.4



#68
o-Xylene
Concen: 18.795 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion:106 Resp: 77520
Ion Ratio Lower Upper
106 100
91 221.9 104.4 313.2





#69

Styrene

Concen: 18.535 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

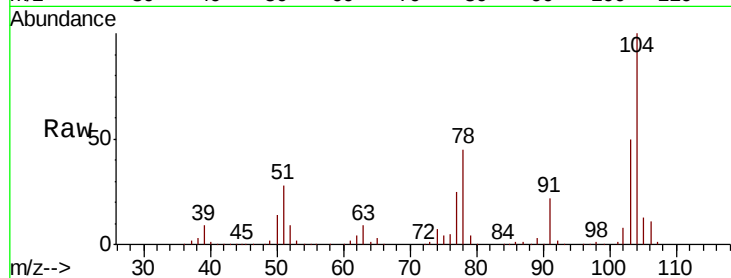
Tgt Ion:104 Resp: 133021

Ion Ratio Lower Upper

104 100

78 53.1 38.2 57.2

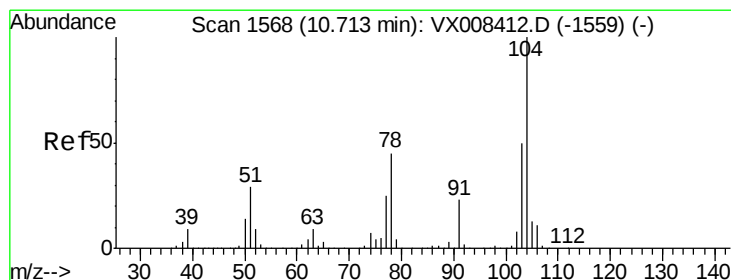
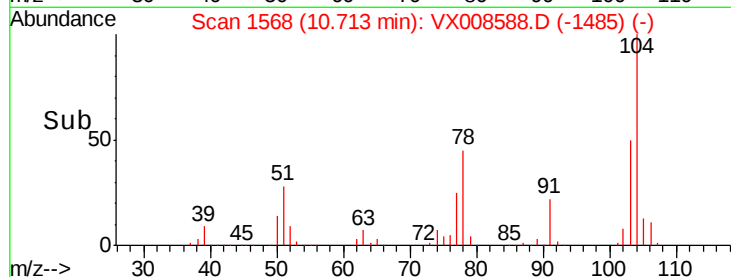
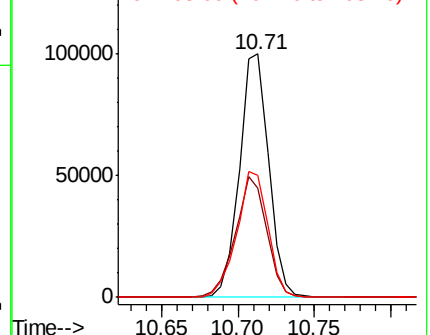
103 55.2 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.855 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008588.D

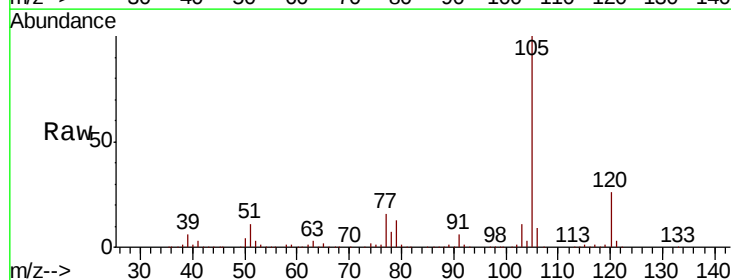
Acq: 02 Apr 2019 12:04

Tgt Ion:105 Resp: 205136

Ion Ratio Lower Upper

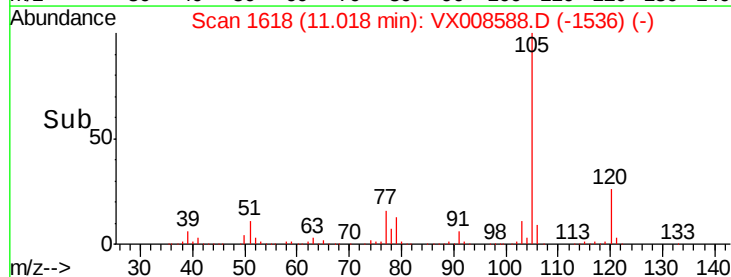
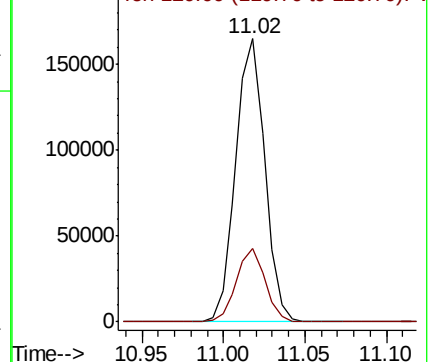
105 100

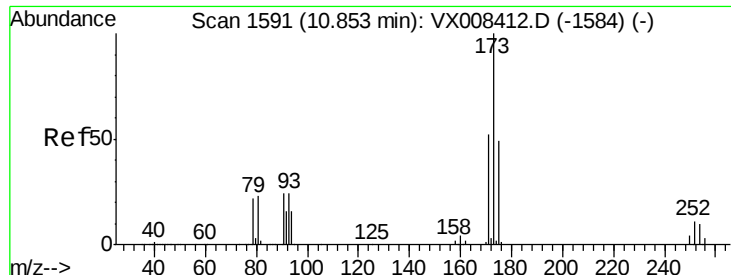
120 25.7 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

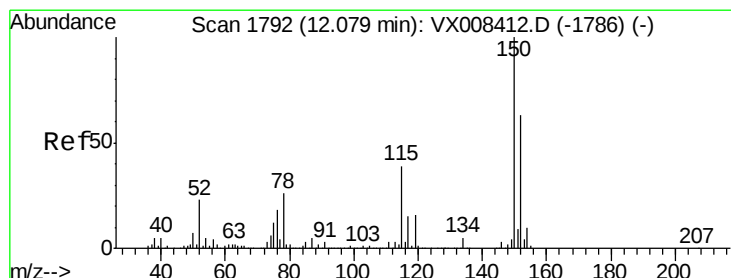
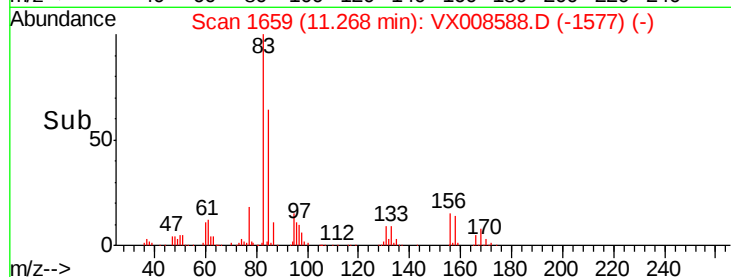
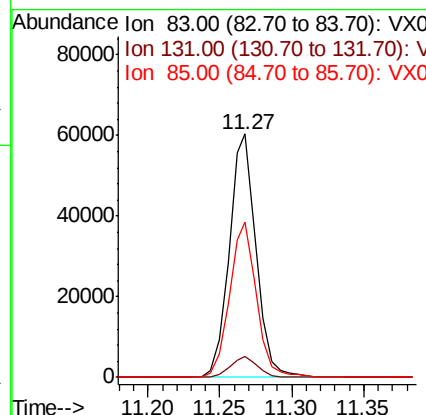
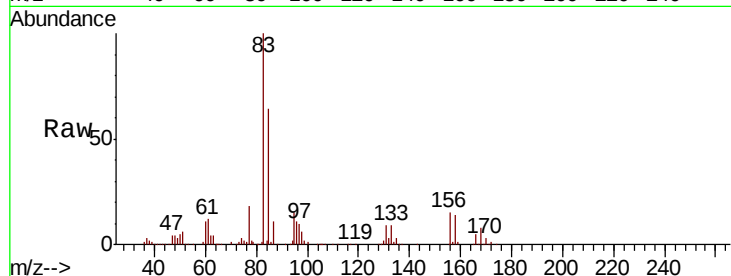




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.452 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

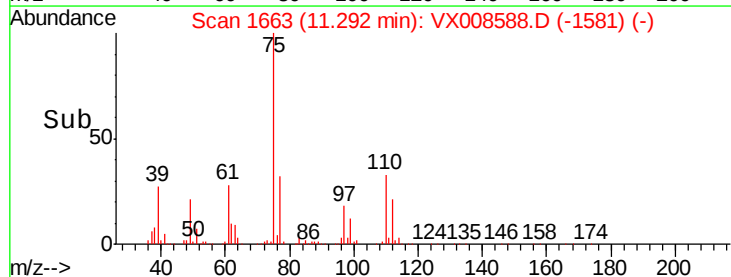
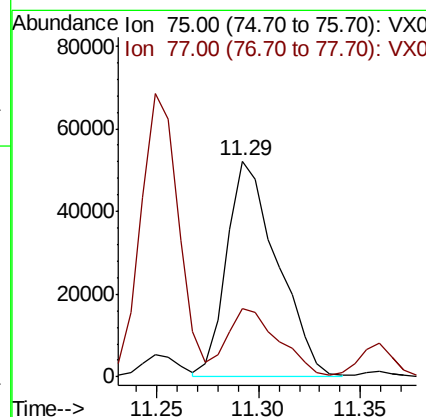
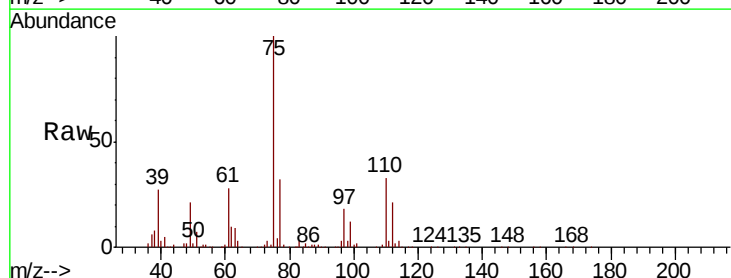
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

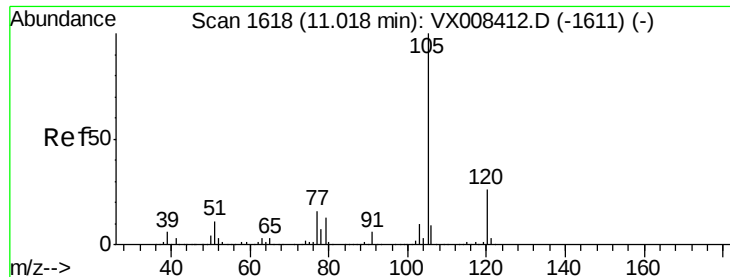
Tgt Ion: 83 Resp: 79063
 Ion Ratio Lower Upper
 83 100
 131 8.6 5.4 16.2
 85 63.9 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 26.261 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 75 Resp: 90221
 Ion Ratio Lower Upper
 75 100
 77 32.3 0.0 76.4





#73

Bromobenzene

Concen: 18.346 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

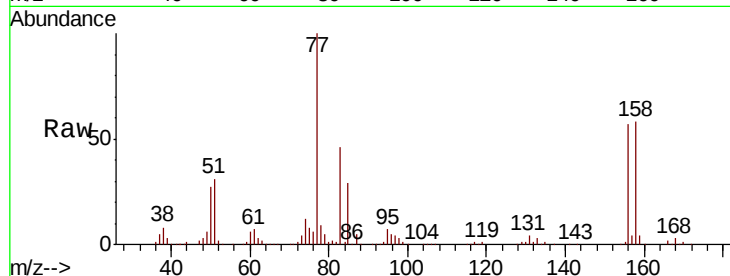
Tgt Ion:156 Resp: 47488

Ion Ratio Lower Upper

156 100

77 185.5 0.0 271.4

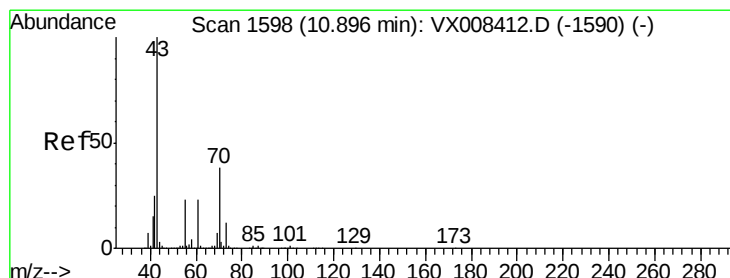
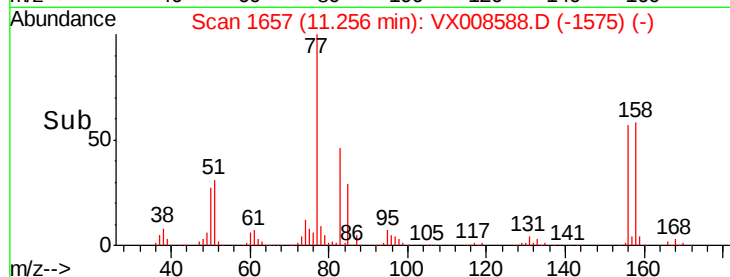
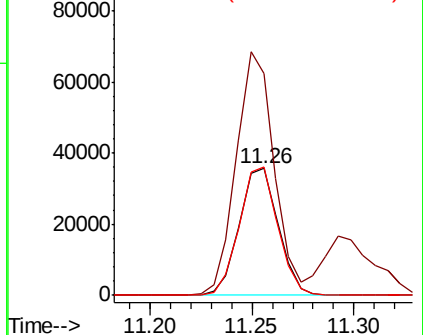
158 100.1 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.543 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008588.D

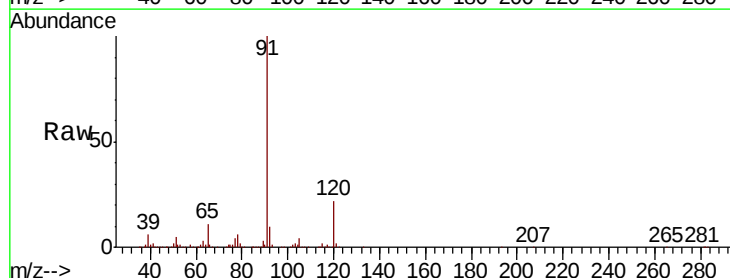
Acq: 02 Apr 2019 12:04

Tgt Ion: 91 Resp: 240337

Ion Ratio Lower Upper

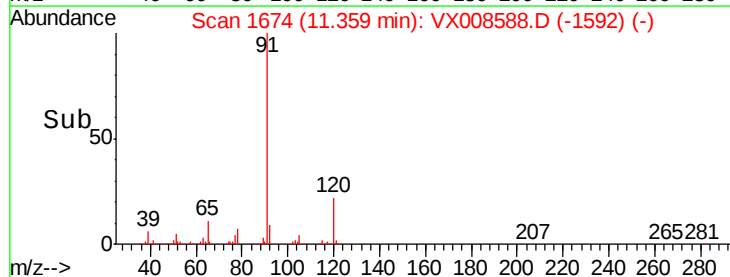
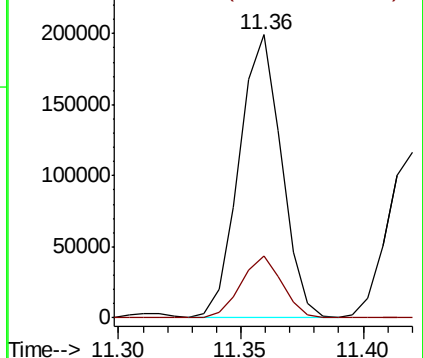
91 100

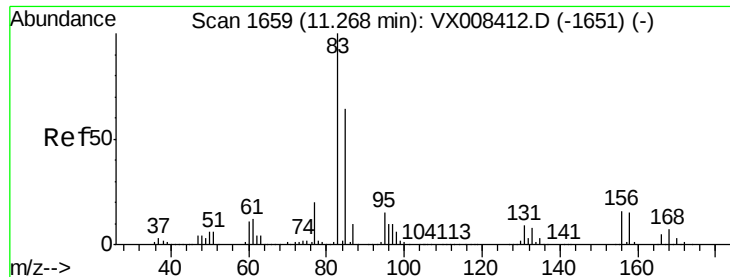
120 21.3 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.832 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

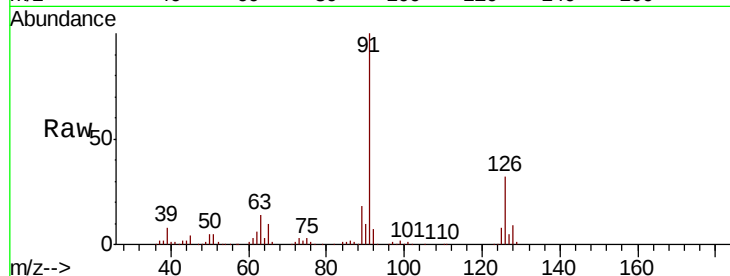
VX0402WBS01

Tgt Ion: 91 Resp: 145216

Ion Ratio Lower Upper

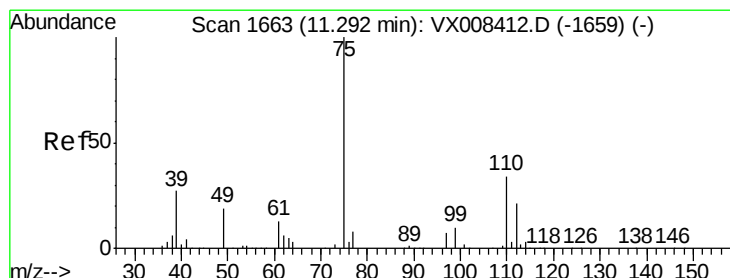
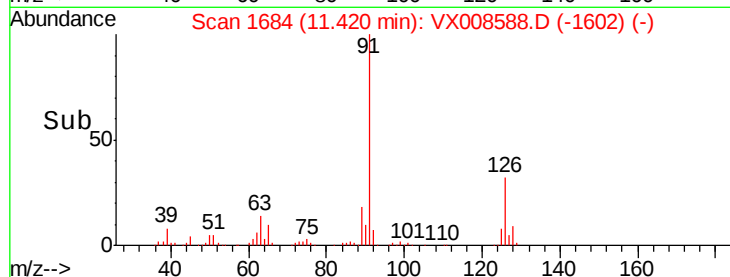
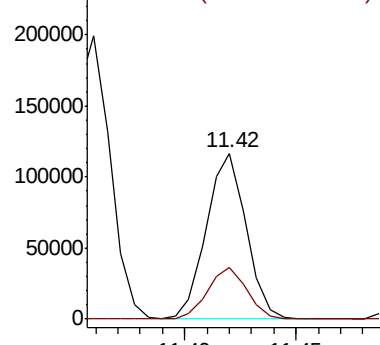
91 100

126 31.1 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.518 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008588.D

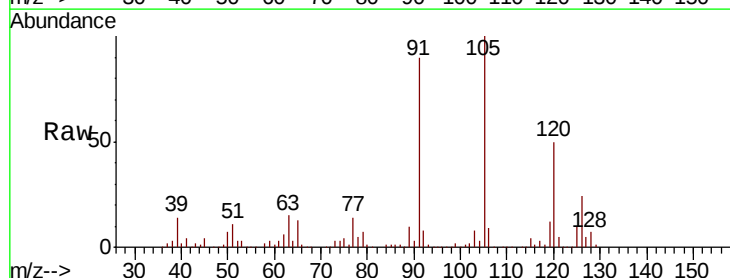
Acq: 02 Apr 2019 12:04

Tgt Ion: 105 Resp: 172247

Ion Ratio Lower Upper

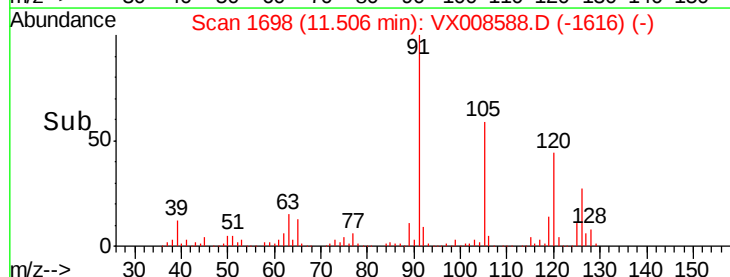
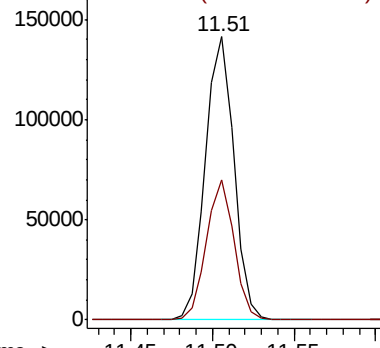
105 100

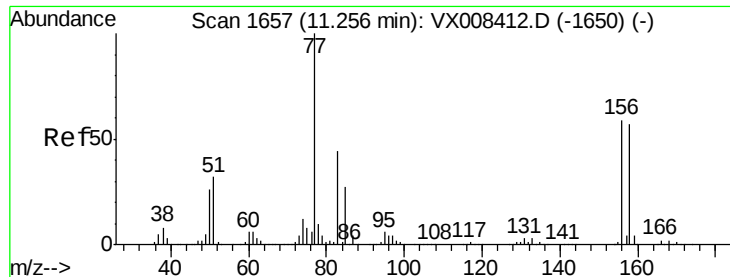
120 48.0 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.355 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

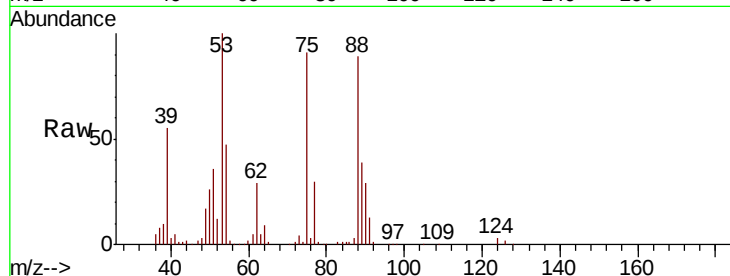
Tgt Ion: 75 Resp: 24188

Ion Ratio Lower Upper

75 100

53 109.9 55.5 166.7

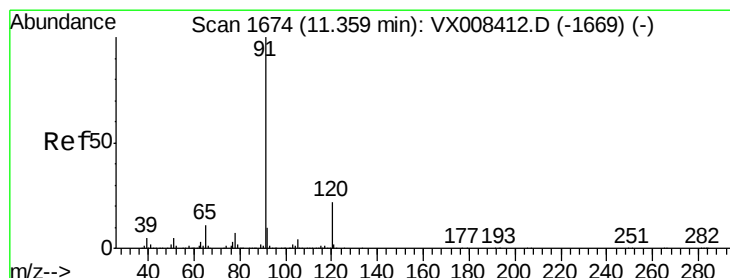
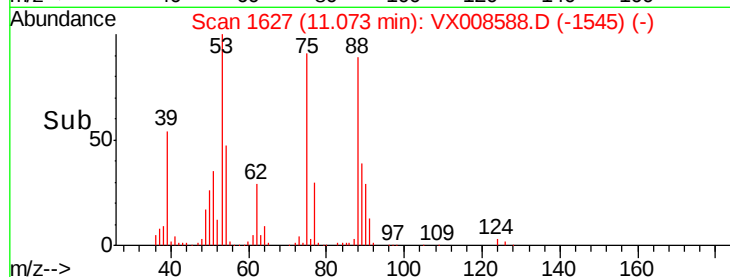
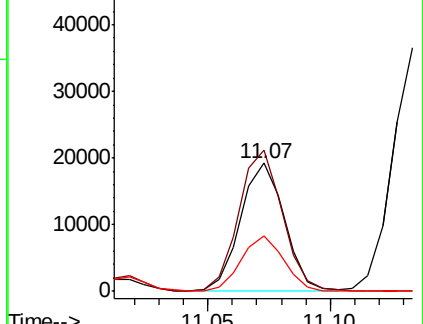
89 43.4 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.221 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008588.D

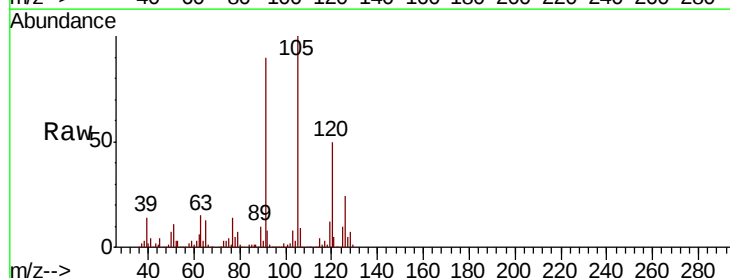
Acq: 02 Apr 2019 12:04

Tgt Ion: 91 Resp: 161707

Ion Ratio Lower Upper

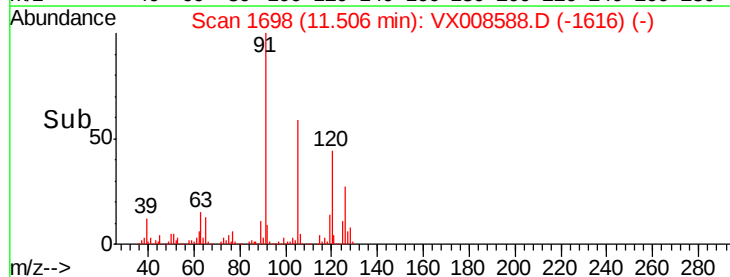
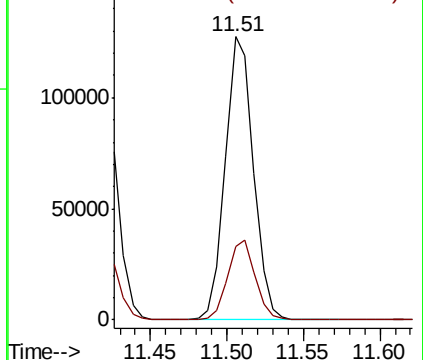
91 100

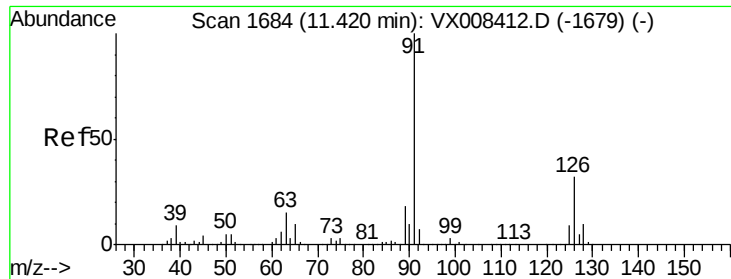
126 27.6 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

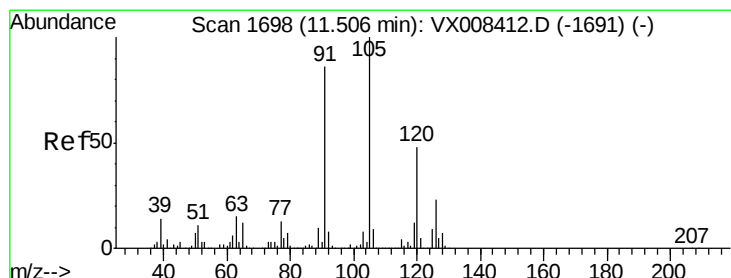
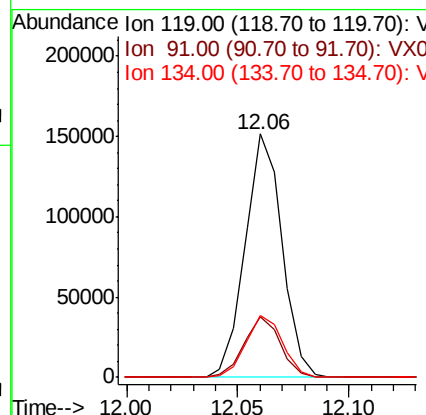
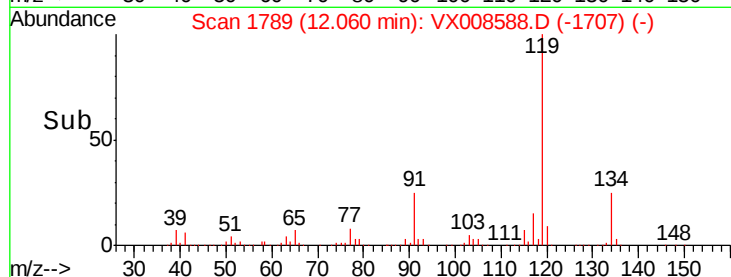
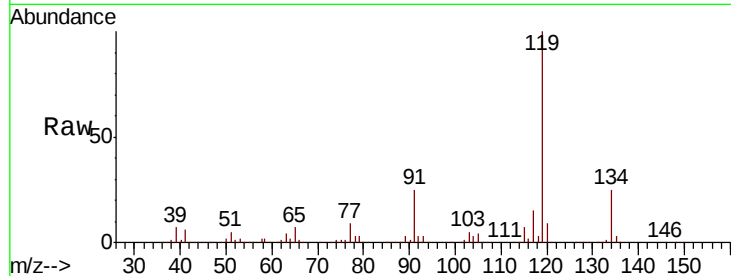




#79
tert-butylbenzene
Concen: 18.453 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

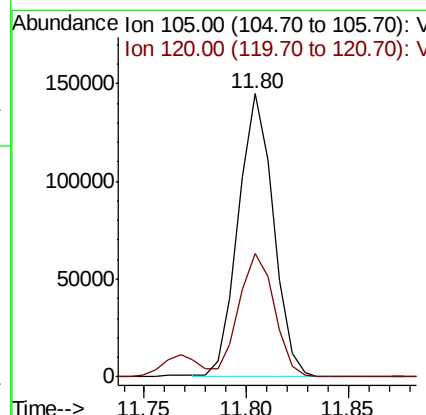
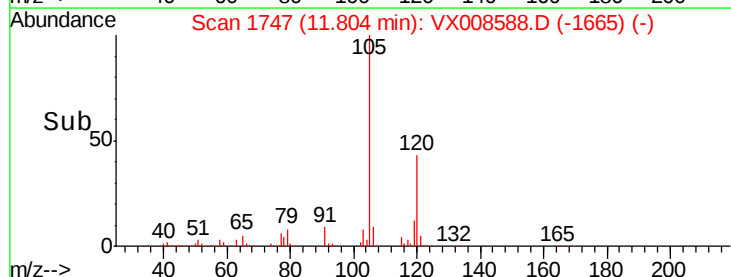
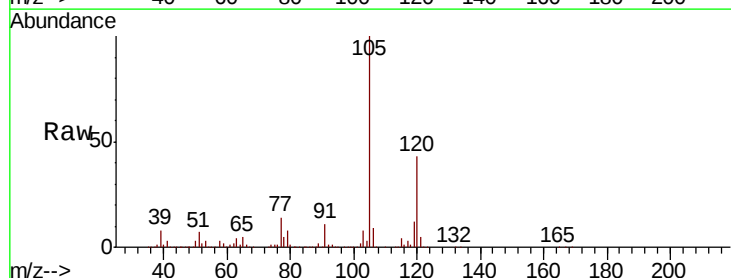
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

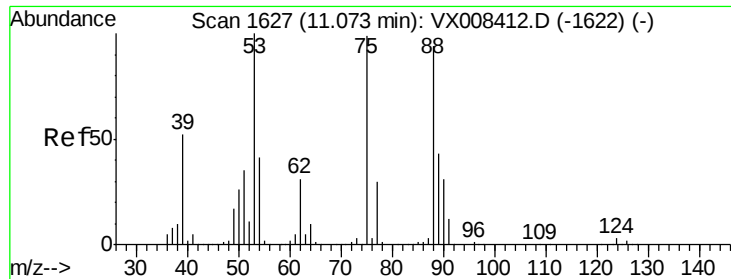
Tgt Ion:119 Resp: 175407
Ion Ratio Lower Upper
119 100
91 24.4 0.0 45.0
134 25.6 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 18.533 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion:105 Resp: 171884
Ion Ratio Lower Upper
105 100
120 44.8 0.0 94.0

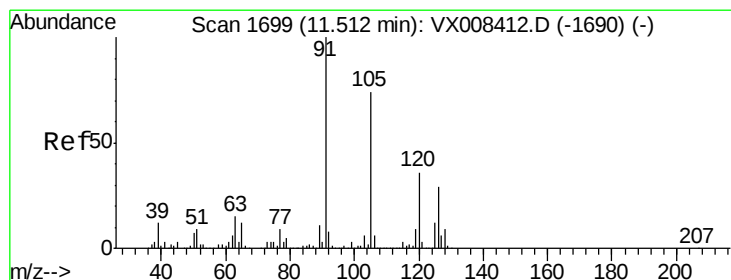
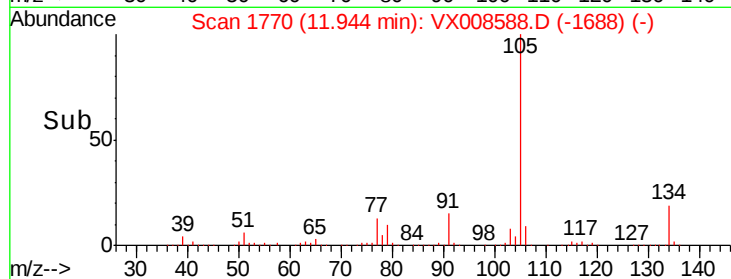
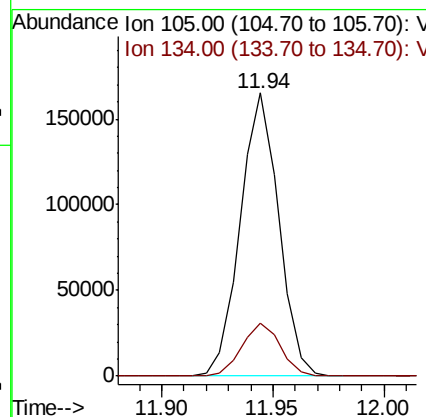
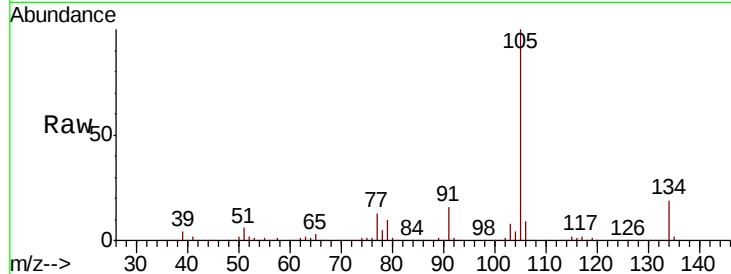




#81
 sec-Butylbenzene
 Concen: 18.627 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

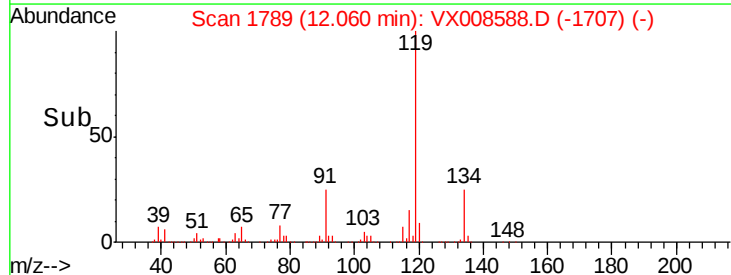
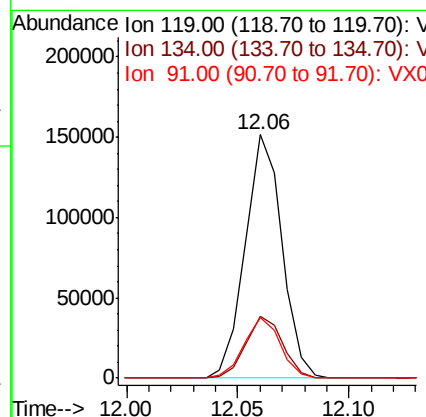
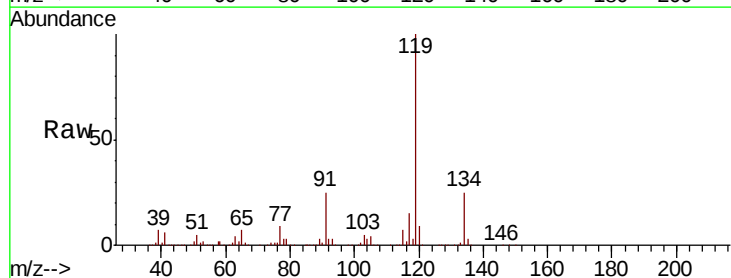
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

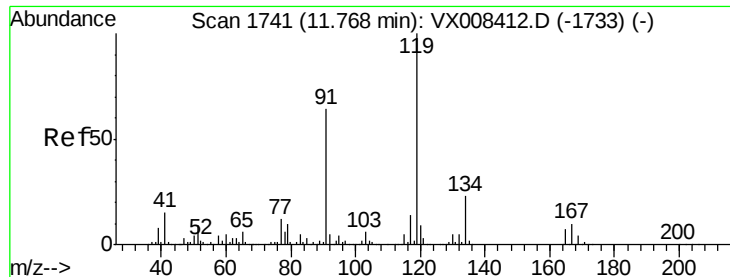
Tgt Ion:105 Resp: 197967
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.453 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion:119 Resp: 175407
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 55.4
 91 24.4 0.0 45.0

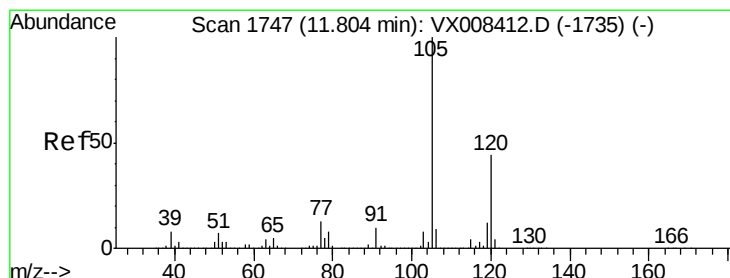
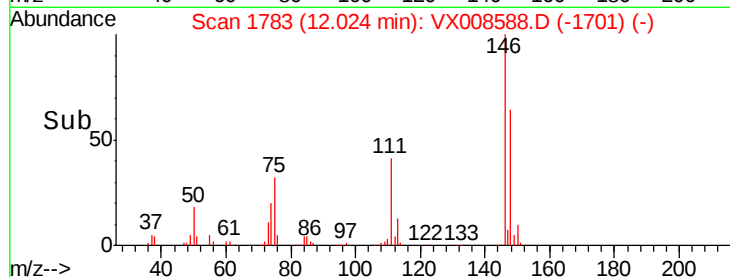
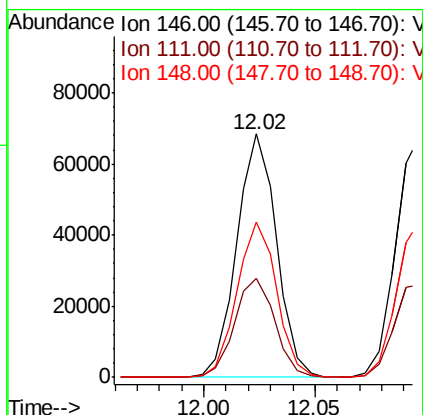
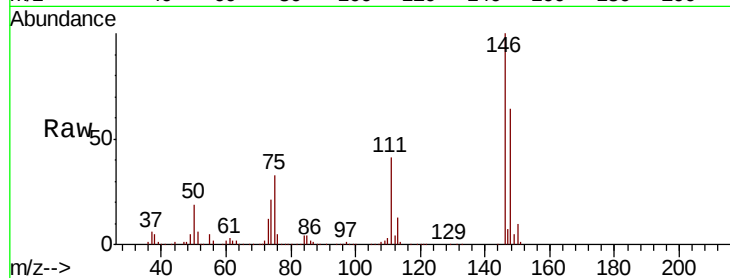




#83
 1,3-Dichlorobenzene
 Concen: 18.532 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

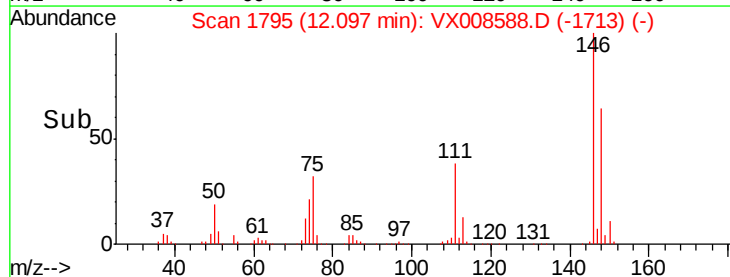
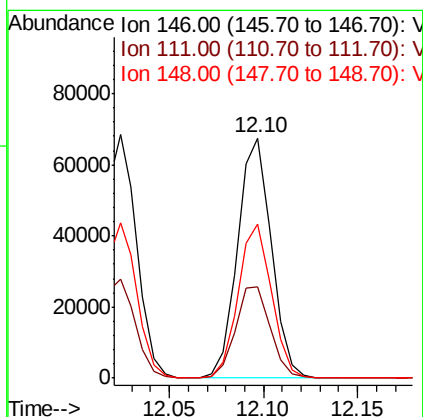
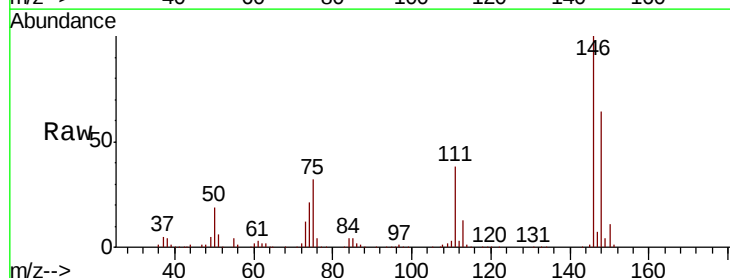
Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS01

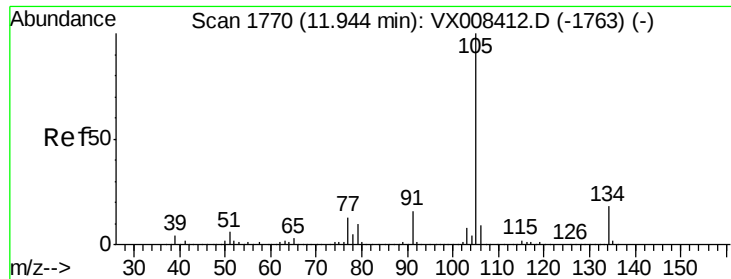
Tgt Ion:146 Resp: 85161
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.8 56.3
 148 63.7 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 18.295 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion:146 Resp: 84015
 Ion Ratio Lower Upper
 146 100
 111 39.3 17.6 52.8
 148 63.3 31.4 94.2





#85

n-Butylbenzene

Concen: 17.810 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

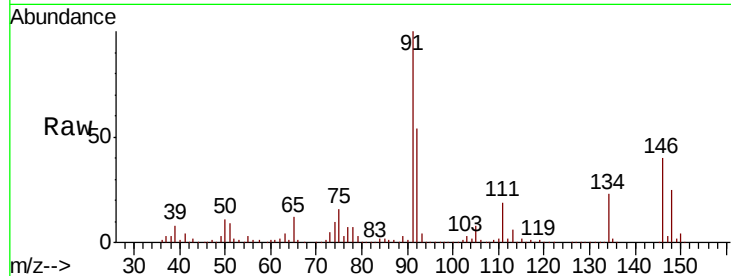
Tgt Ion: 91 Resp: 160854

Ion Ratio Lower Upper

91 100

92 53.2 0.0 105.2

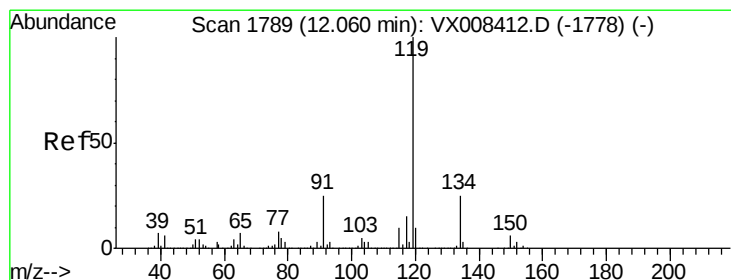
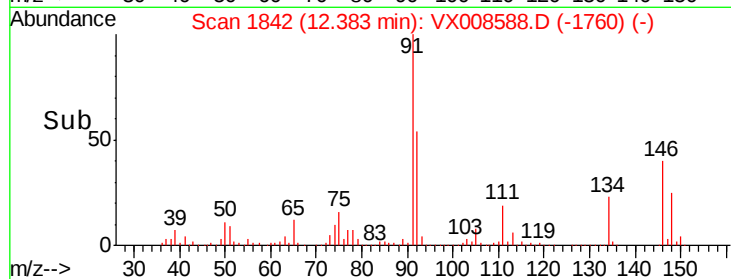
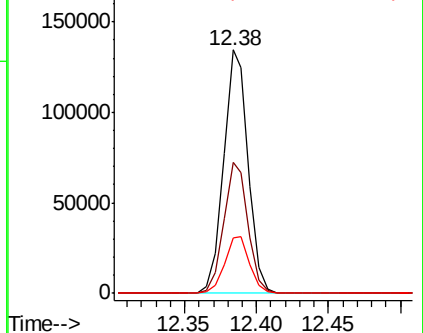
134 23.6 0.0 56.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 18.177 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008588.D

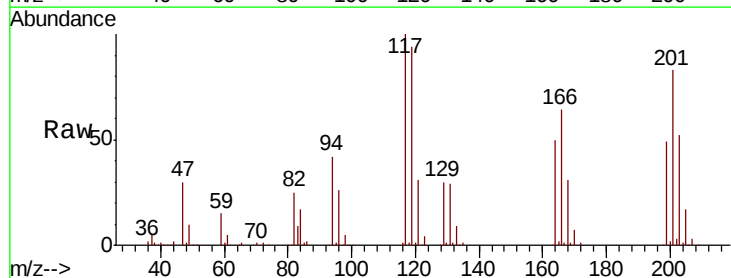
Acq: 02 Apr 2019 12:04

Tgt Ion: 117 Resp: 28870

Ion Ratio Lower Upper

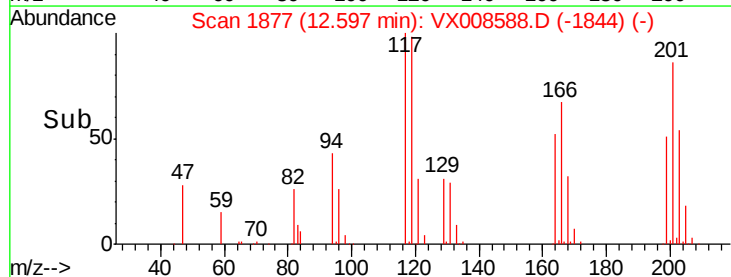
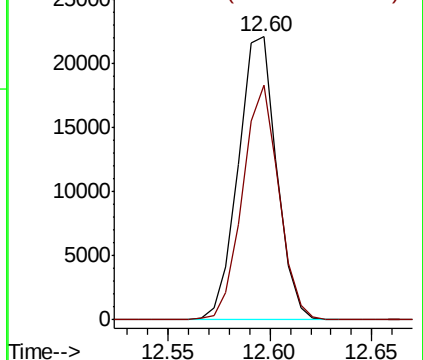
117 100

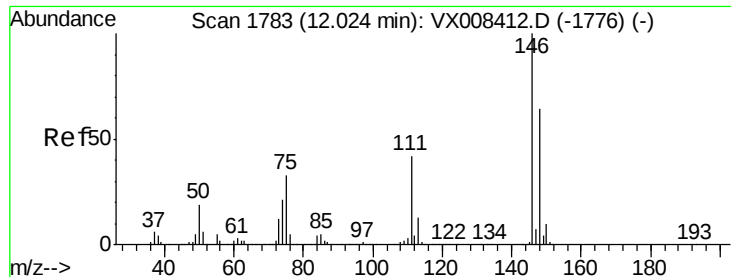
201 78.4 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

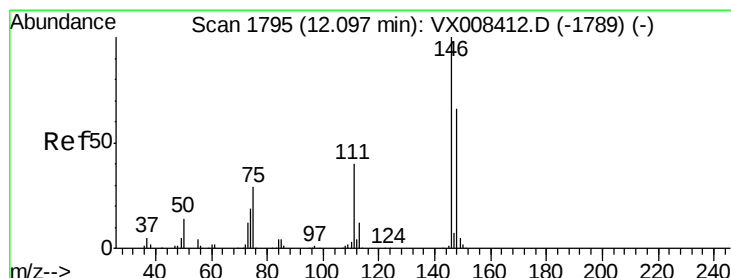
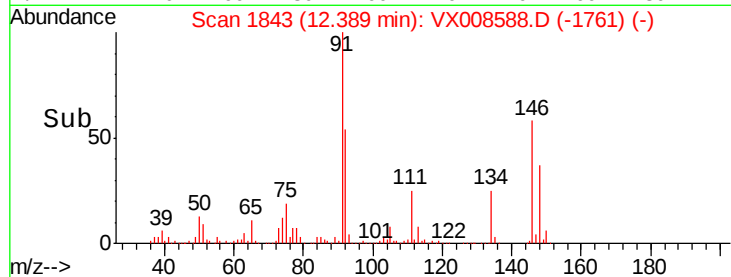
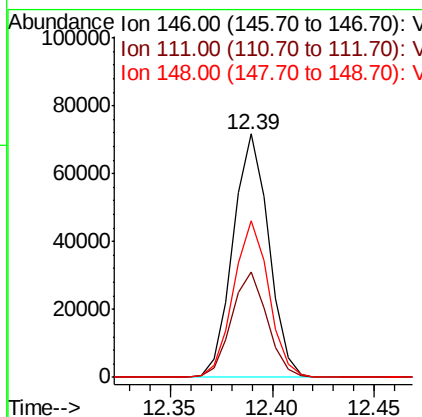
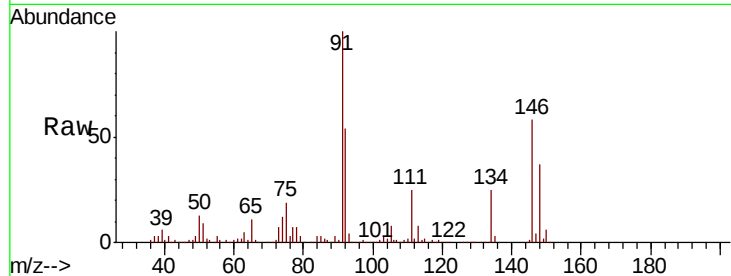




#87
 1,2-Dichlorobenzene
 Concen: 18.723 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

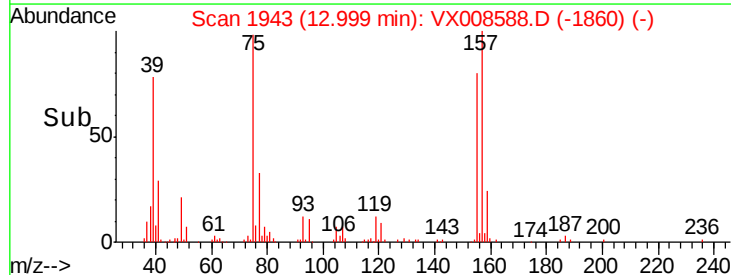
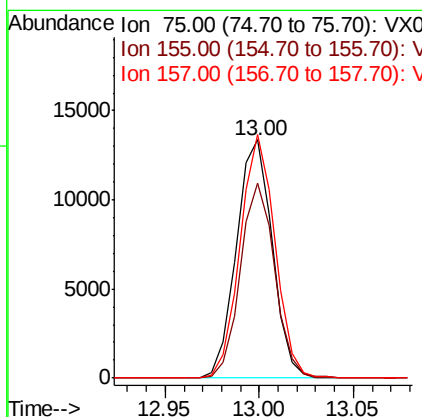
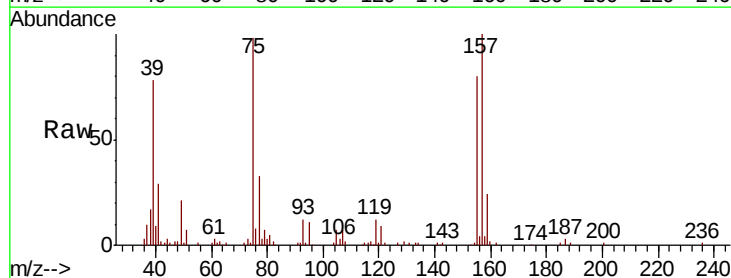
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

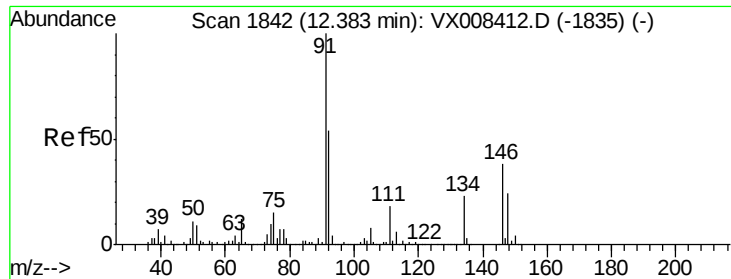
Tgt Ion: 146 Resp: 86696
 Ion Ratio Lower Upper
 146 100
 111 43.5 19.3 57.8
 148 63.7 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.659 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 75 Resp: 17710
 Ion Ratio Lower Upper
 75 100
 155 77.8 81.0 121.6#
 157 98.3 103.2 154.8#

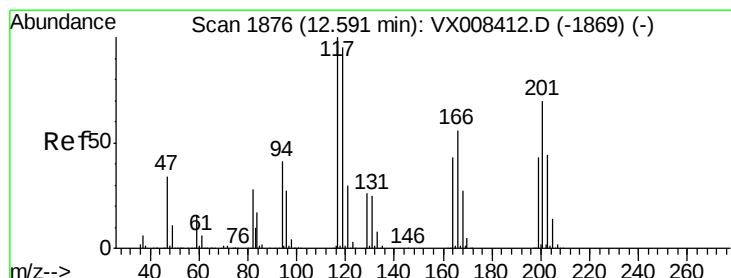
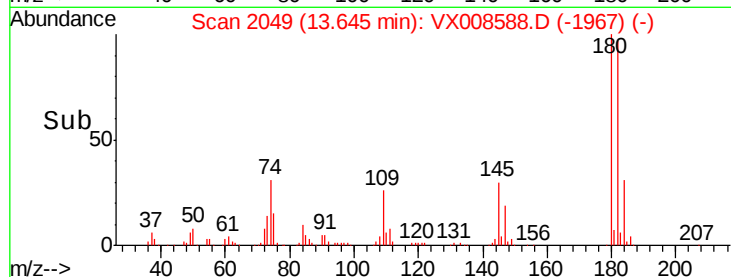
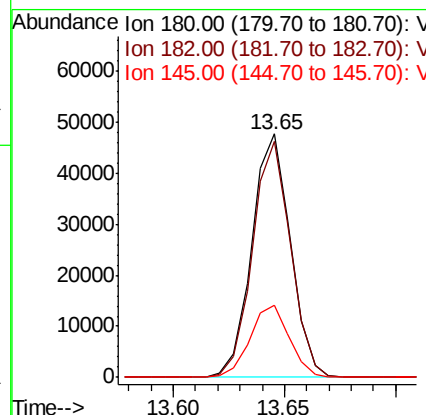
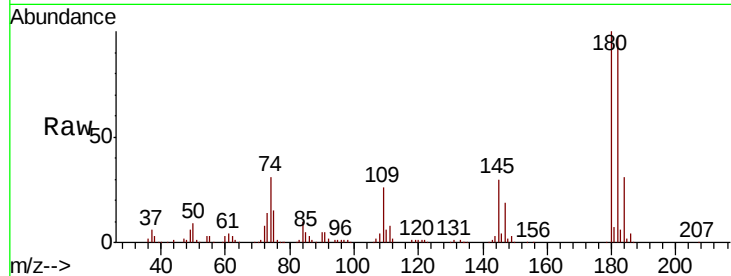




#89
 1,2,4-Trichlorobenzene
 Concen: 18.127 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

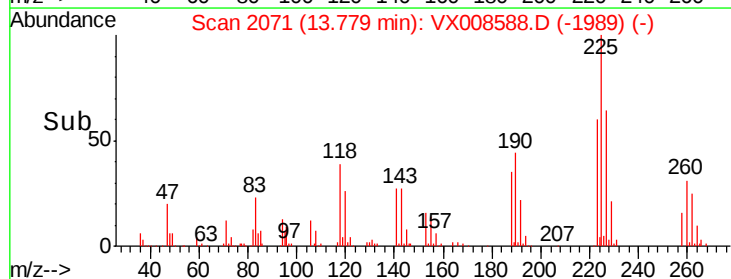
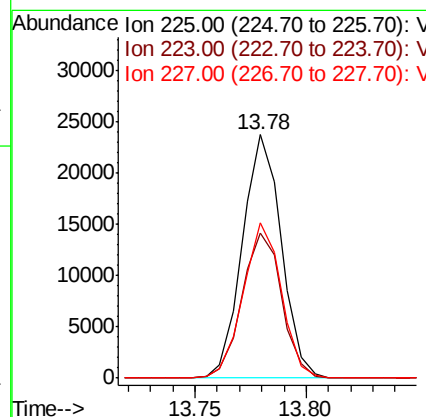
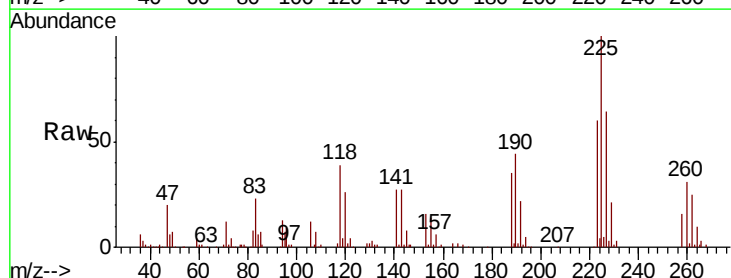
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

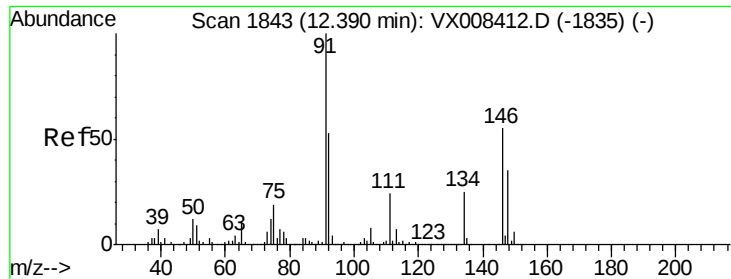
Tgt Ion:180 Resp: 57898
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.6 113.4
 145 30.1 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 18.773 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion:225 Resp: 28887
 Ion Ratio Lower Upper
 225 100
 223 60.9 0.0 123.8
 227 62.8 0.0 124.4

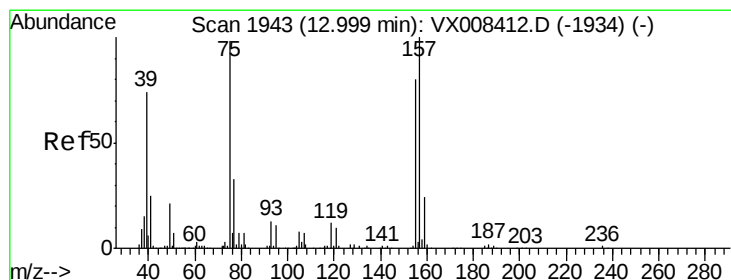
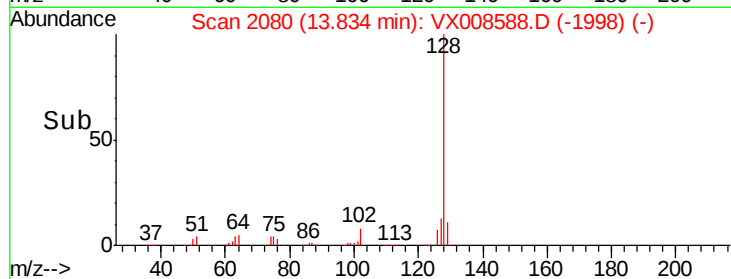
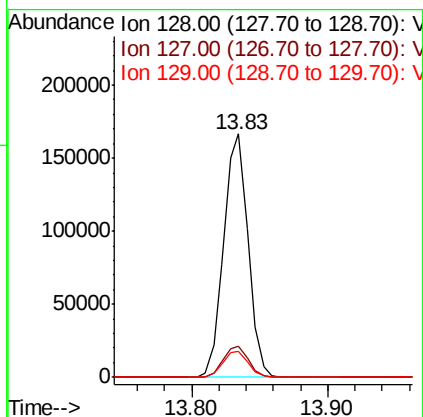
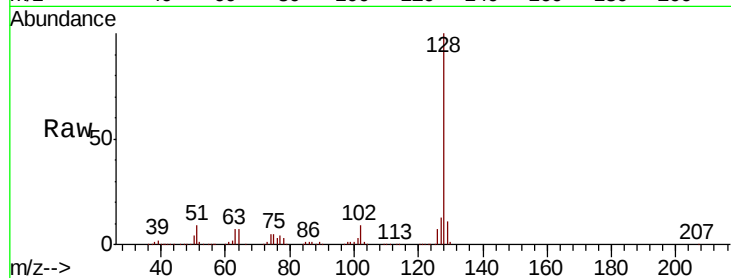




#91
Naphthalene
Concen: 18.968 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion:128 Resp: 207566
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.674 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion:180 Resp: 60081
Ion Ratio Lower Upper
180 100
182 95.5 0.0 193.0
145 32.8 0.0 63.0

