

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028484.D
 Acq On : 02 May 2022 19:32
 Operator : JC/MD
 Sample : N2606-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-3

Quant Time: May 03 04:54:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

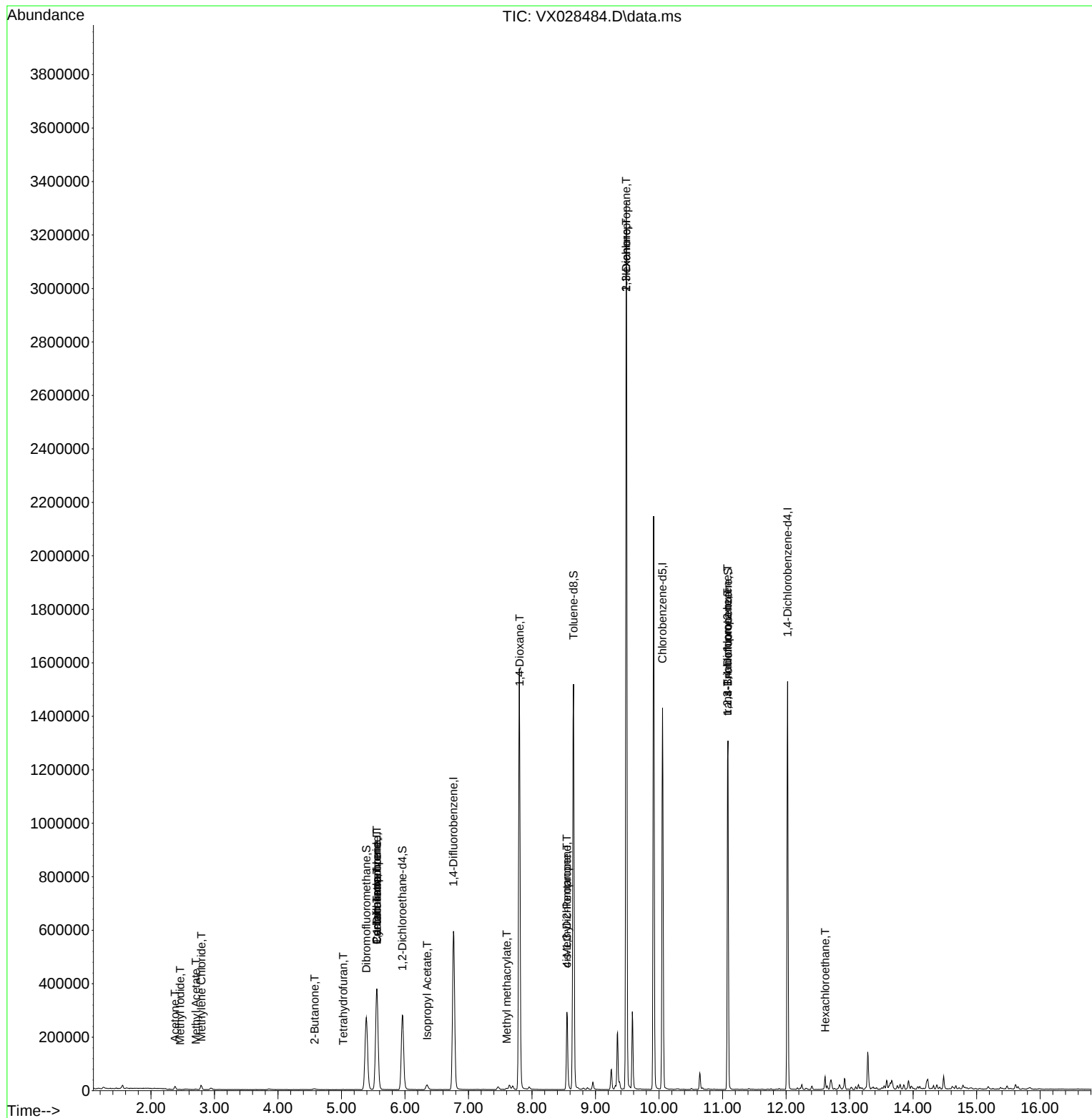
Internal Standards						
1) Pentafluorobenzene	5.556	168	360843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	636150	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	662744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	316380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	263464	55.997	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	112.000%	
35) Dibromofluoromethane	5.391	113	233666	52.377	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	104.760%	
50) Toluene-d8	8.653	98	904412	52.782	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	105.560%	
62) 4-Bromofluorobenzene	11.085	95	336973	51.433	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	102.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	364	Below Cal	#	86
5) Bromomethane	1.611	94	927	Below Cal	#	63
6) Chloroethane	1.660	64	335	Below Cal	#	43
8) Diethyl Ether	2.124	74	21	Below Cal	#	1
10) Methyl Iodide	2.459	142	311	5.304	ug/l #	89
11) Tert butyl alcohol	2.953	59	3410	Below Cal	#	72
16) Acetone	2.380	43	12710	7.490	ug/l	97
18) Methyl Acetate	2.709	43	1703	0.407	ug/l #	85
20) Methylene Chloride	2.794	84	7356	2.107	ug/l #	78
25) 2-Butanone	4.574	43	3931	1.411	ug/l	99
29) Tetrahydrofuran	5.026	42	447	0.246	ug/l #	47
31) Cyclohexane	5.556	56	7077	1.235	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	26997	4.639	ug/l #	49
38) Carbon Tetrachloride	5.556	117	36802	5.602	ug/l #	15
43) Isopropyl Acetate	6.348	43	23792	2.476	ug/l	98
48) Methyl methacrylate	7.604	41	7349	1.666	ug/l #	7
49) 1,4-Dioxane	7.806	88	352	2.982	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	94287	15.289	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	49776	6.938	ug/l #	71
57) 1,3-Dichloropropane	9.482	76	31738	4.089	ug/l #	43
59) 2-Hexanone	9.482	43	358295	75.005	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	168181	27.010	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	168181	80.267	ug/l #	15
90) Hexachloroethane	12.616	117	2179	2.409	ug/l #	10

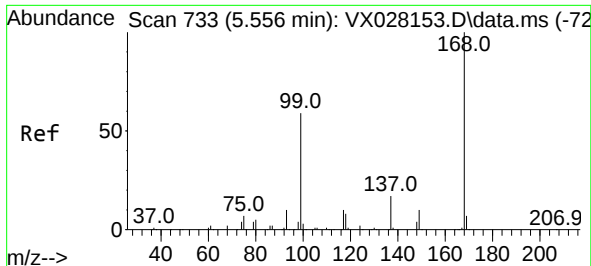
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX028484.D
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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

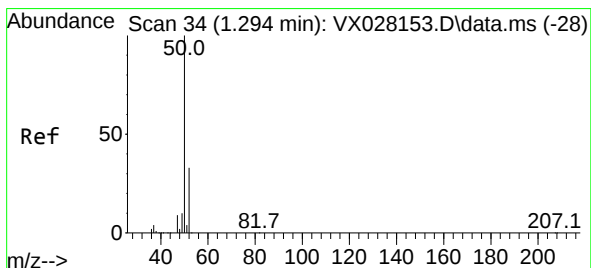
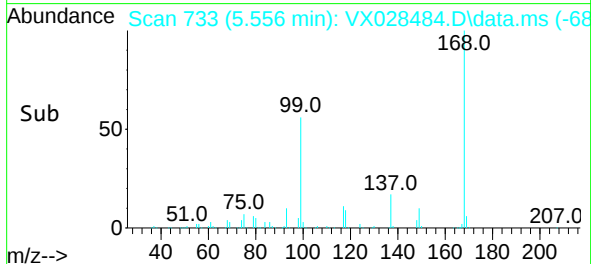
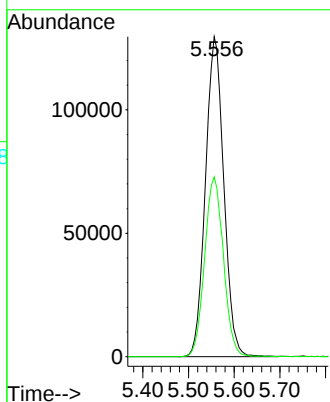
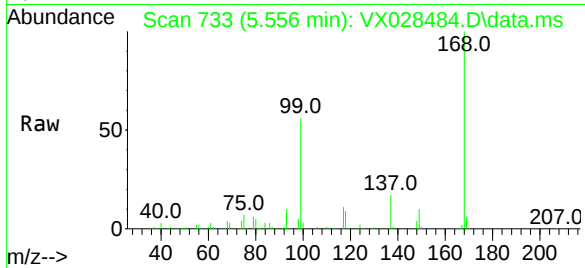




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

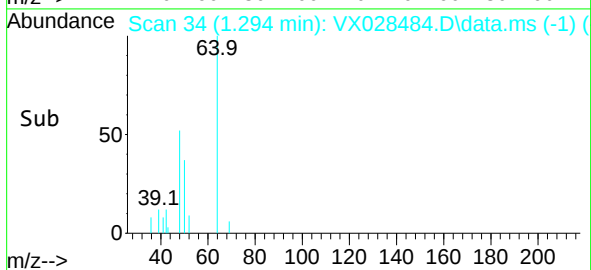
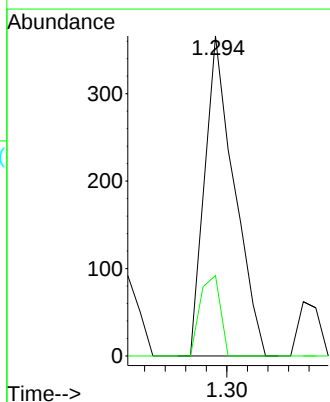
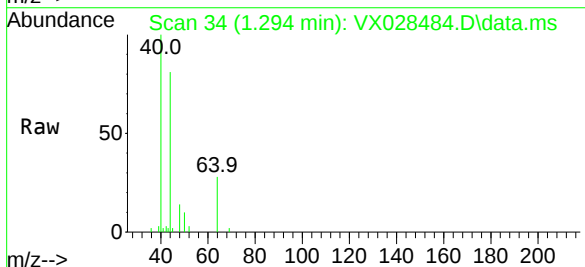
Instrument :
MSVOA_X
ClientSampleId :
WC-3

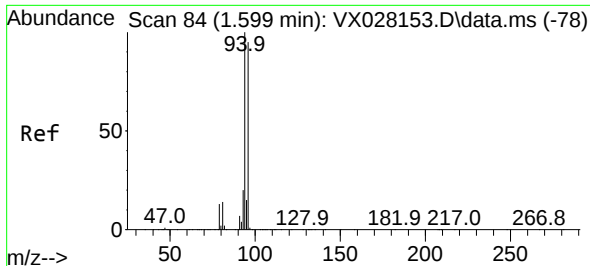
Tgt Ion:168 Resp: 360843
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 50 Resp: 364
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#

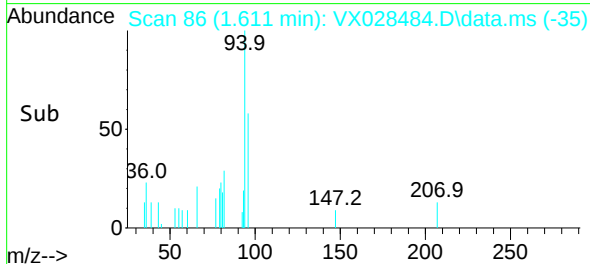
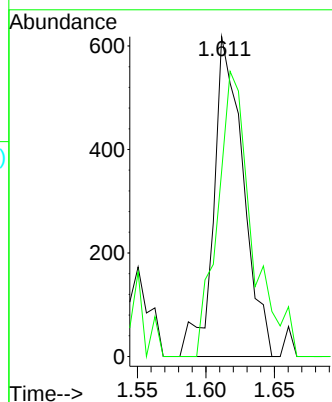
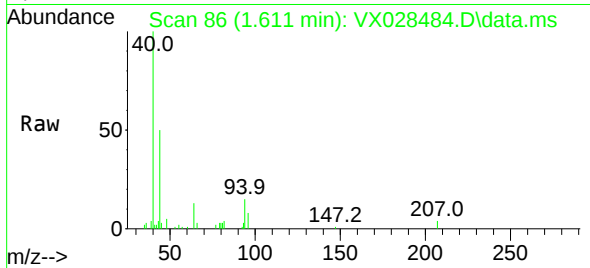




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

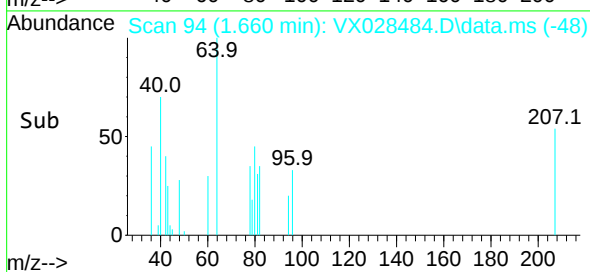
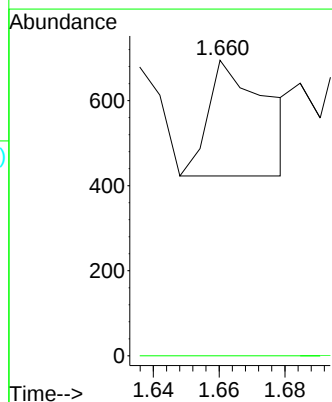
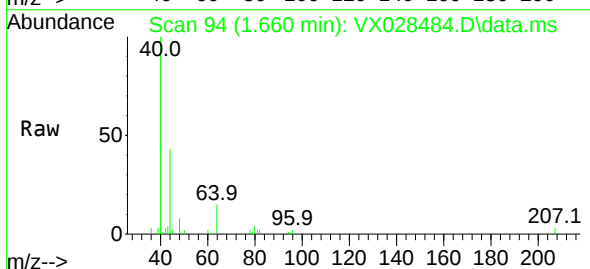
Instrument :
MSVOA_X
ClientSampleId :
WC-3

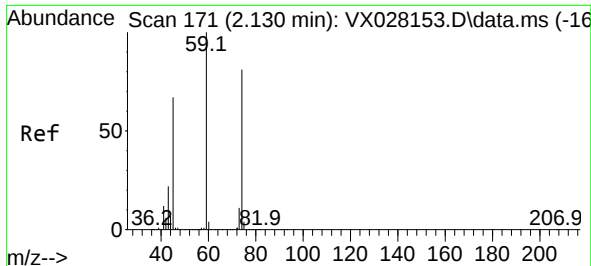
Tgt Ion: 94 Resp: 927
Ion Ratio Lower Upper
94 100
96 57.9 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

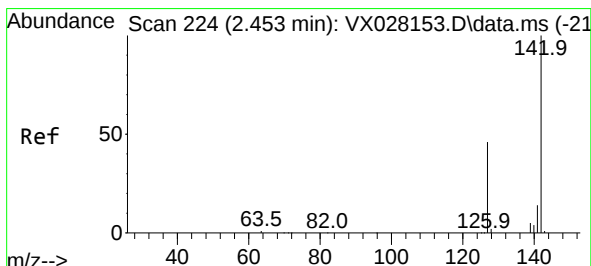
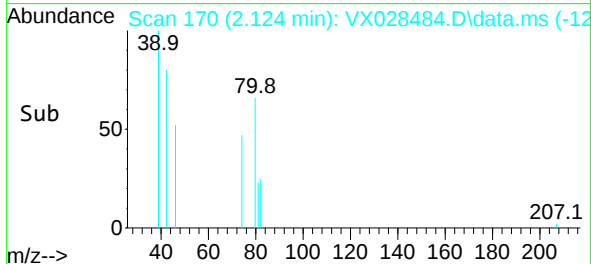
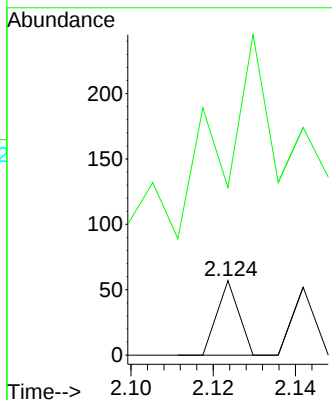
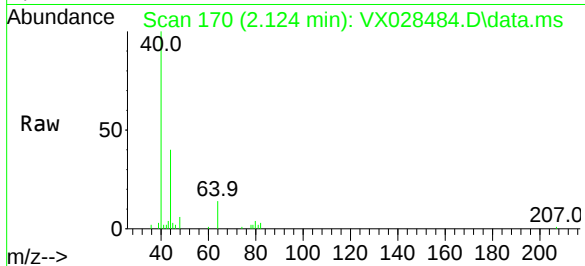




#8
Diethyl Ether
Concen: Below Cal
RT: 2.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

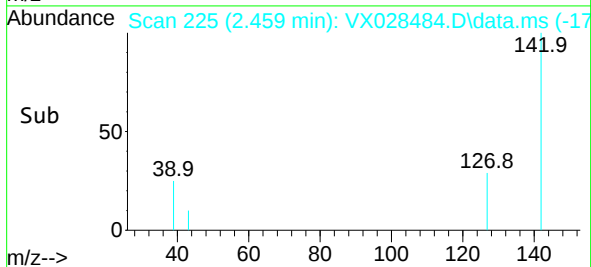
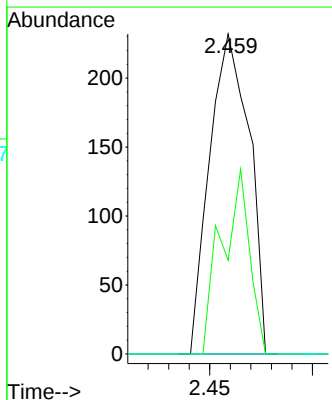
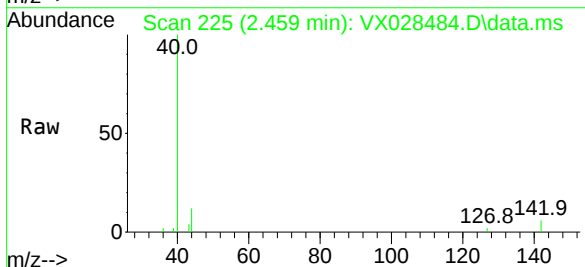
Instrument :
MSVOA_X
ClientSampleId :
WC-3

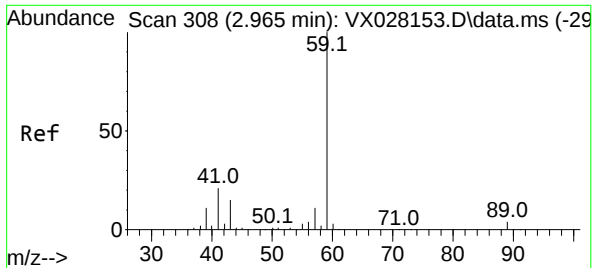
Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 1128.6 42.0 126.0#



#10
Methyl Iodide
Concen: 5.304 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 142 Resp: 311
Ion Ratio Lower Upper
142 100
127 40.8 33.9 50.9
141 0.0 11.4 17.2#

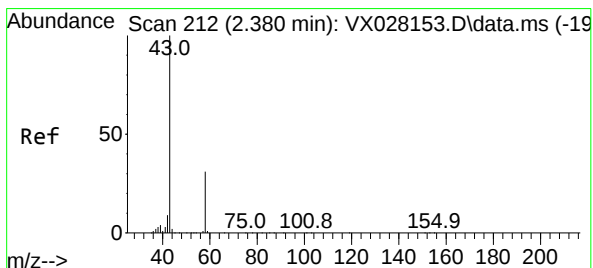
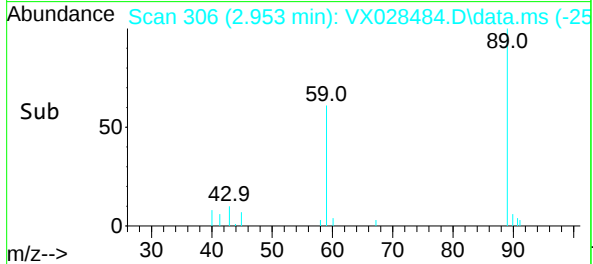
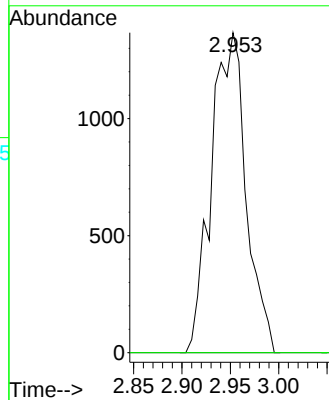
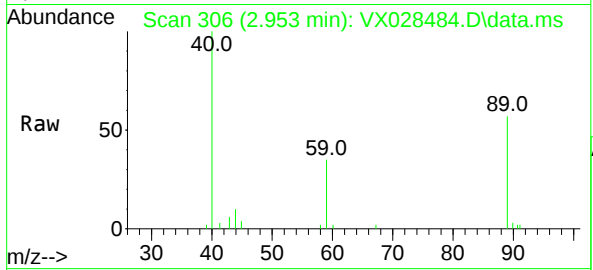




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

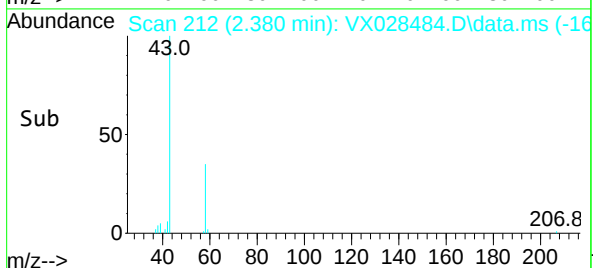
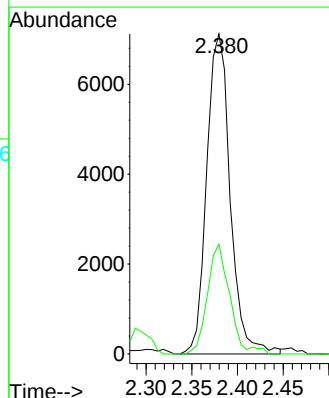
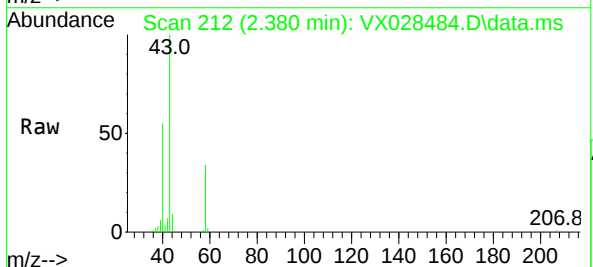
Instrument :
MSVOA_X
ClientSampleId :
WC-3

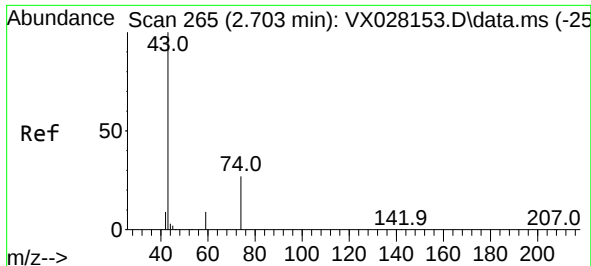
Tgt Ion: 59 Resp: 3410
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 7.490 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 43 Resp: 12710
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2

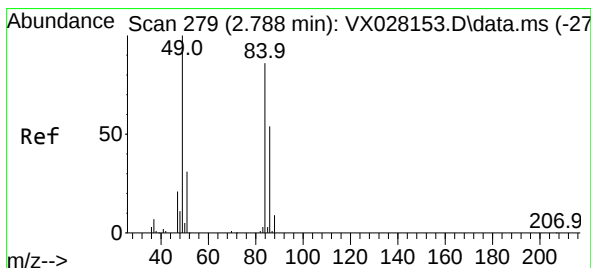
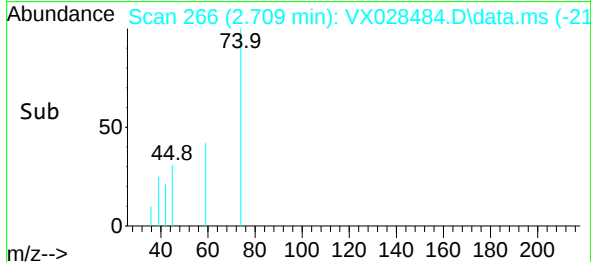
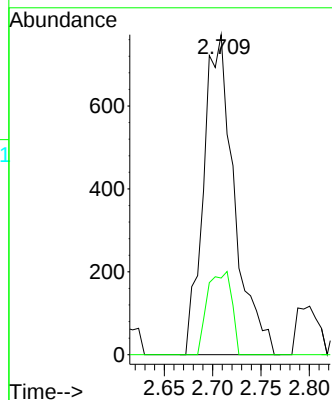
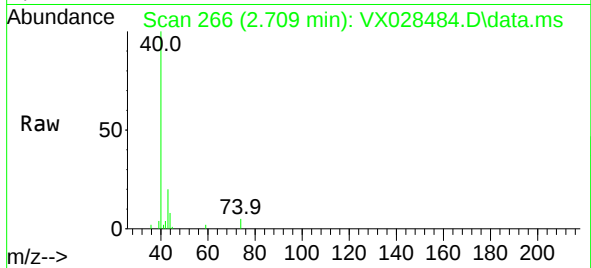




#18
Methyl Acetate
Concen: 0.407 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

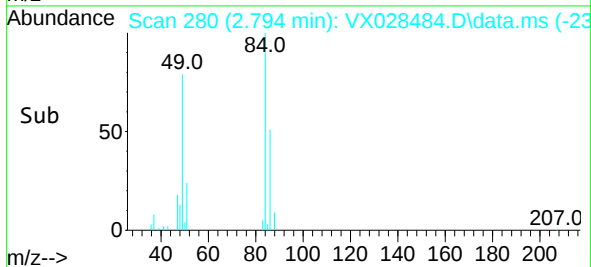
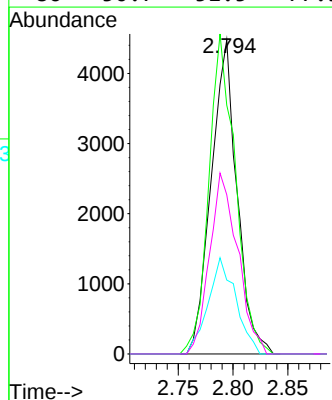
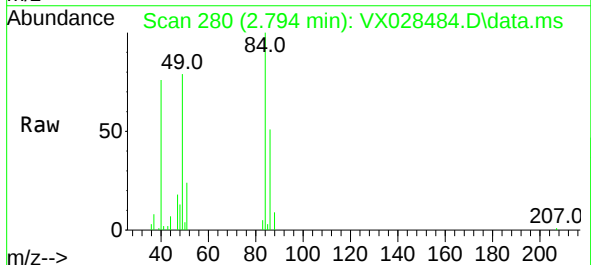
Instrument :
MSVOA_X
ClientSampleId :
WC-3

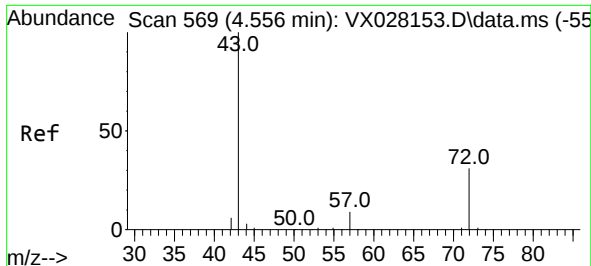
Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
74 20.4 22.8 34.2#



#20
Methylene Chloride
Concen: 2.107 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 84 Resp: 7356
Ion Ratio Lower Upper
84 100
49 79.2 85.5 128.3#
51 23.5 26.6 39.8#
86 50.7 51.5 77.3#





#25

2-Butanone

Concen: 1.411 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX028484.D

Acq: 02 May 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

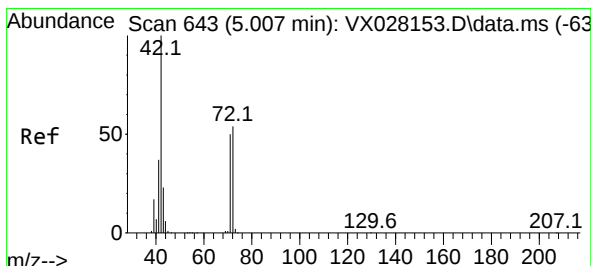
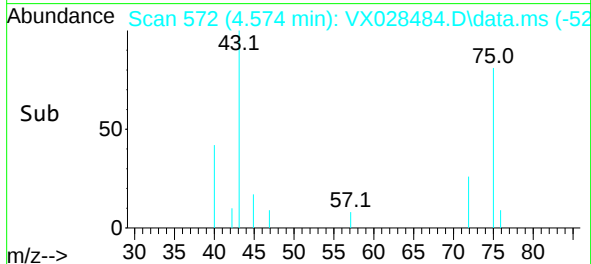
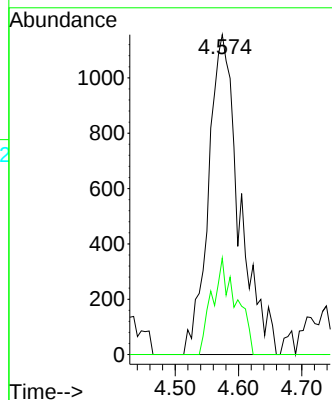
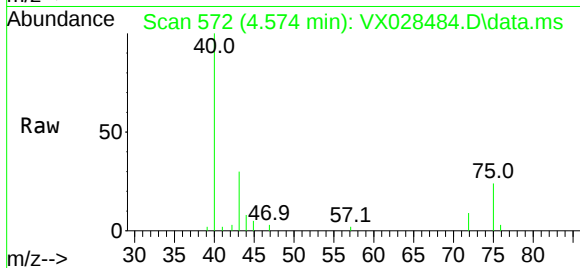
WC-3

Tgt Ion: 43 Resp: 3931

Ion Ratio Lower Upper

43 100

72 30.2 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.019 min

Lab File: VX028484.D

Acq: 02 May 2022 19:32

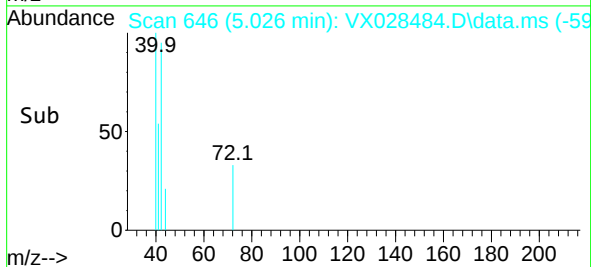
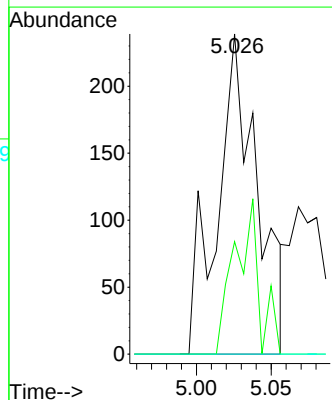
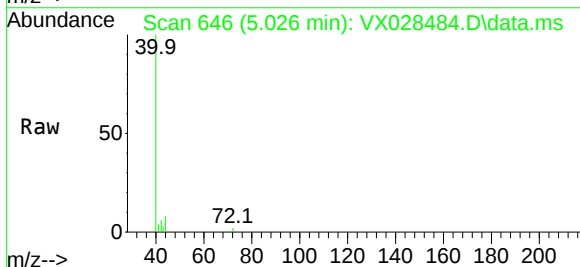
Tgt Ion: 42 Resp: 447

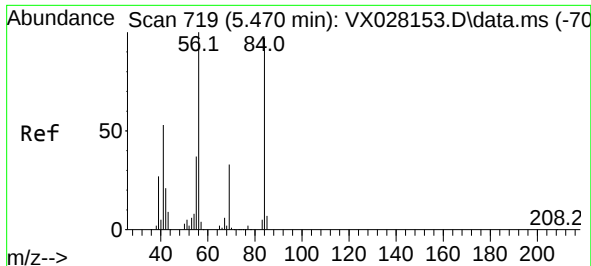
Ion Ratio Lower Upper

42 100

72 29.8 44.1 66.1#

71 0.0 40.5 60.7#

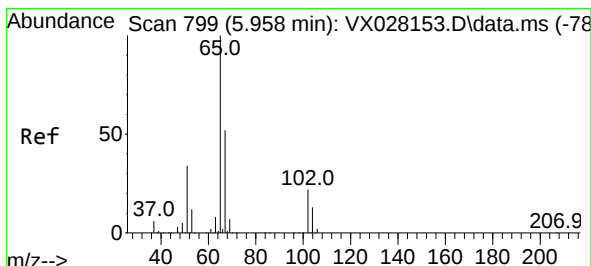
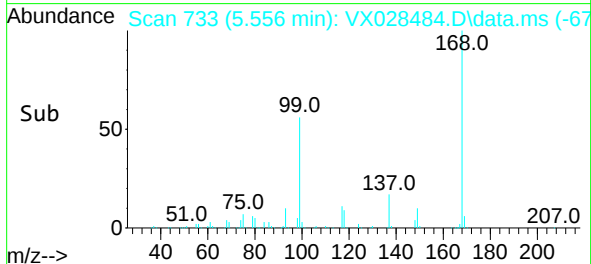
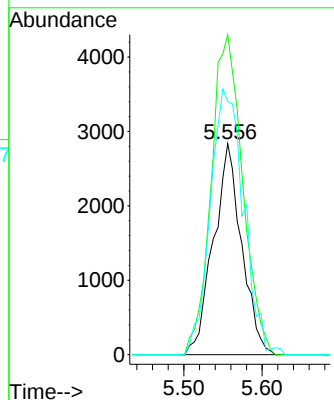
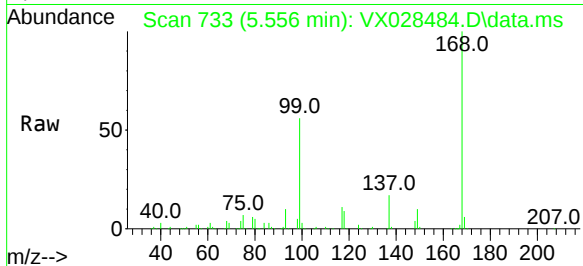




#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

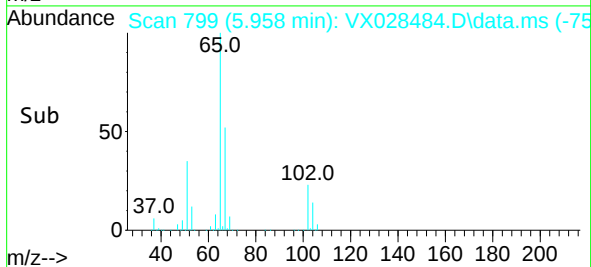
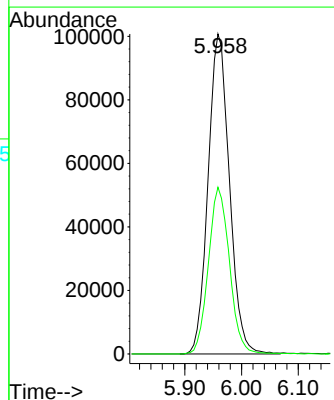
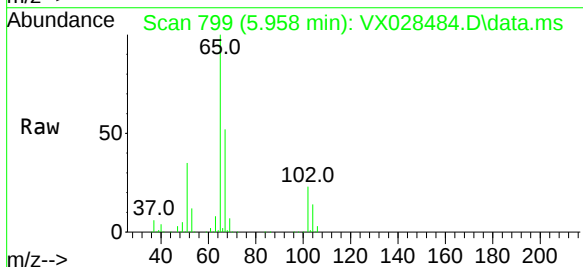
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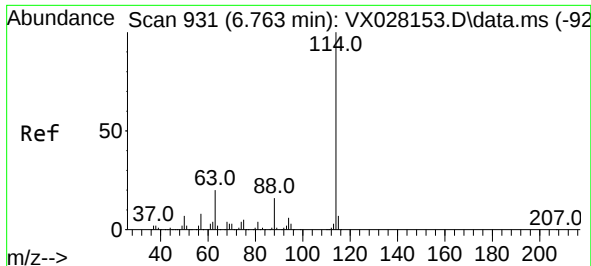
Tgt Ion: 56 Resp: 7077
Ion Ratio Lower Upper
56 100
69 151.6 26.7 40.1#
84 120.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.997 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 65 Resp: 263464
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

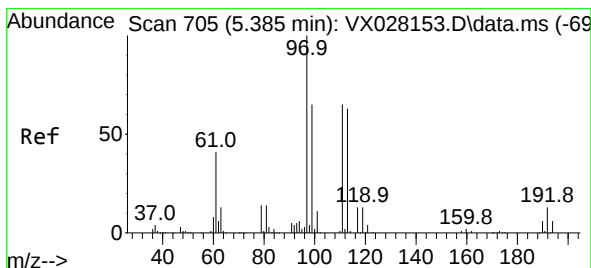
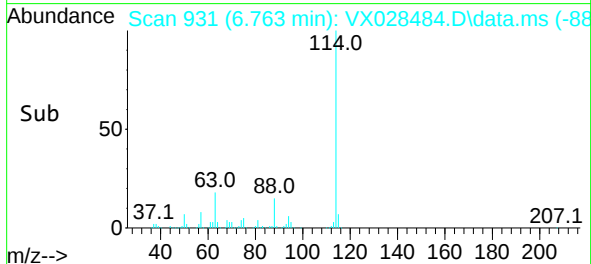
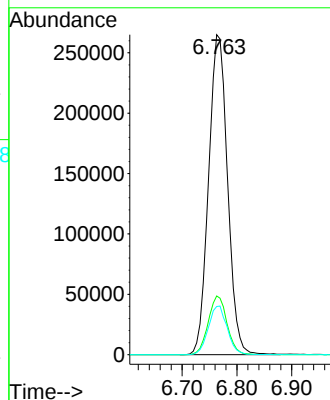
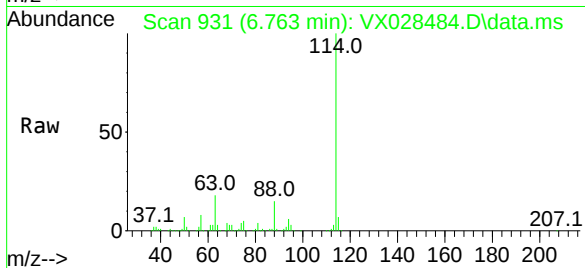




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

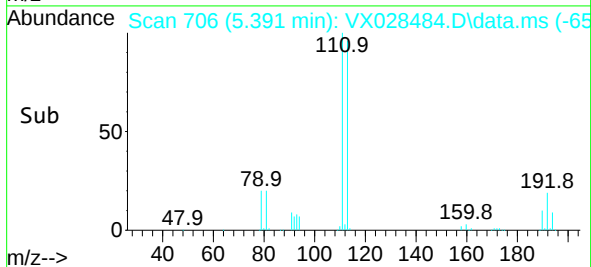
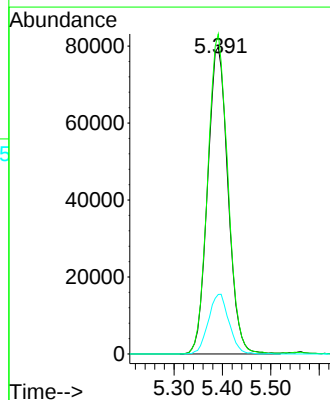
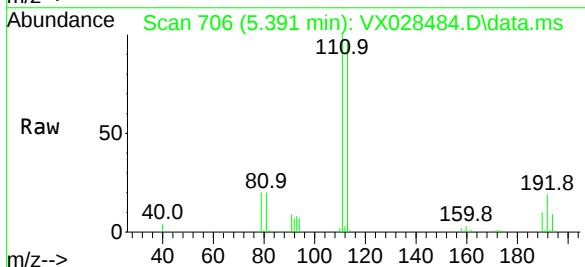
Instrument :
MSVOA_X
ClientSampleId :
WC-3

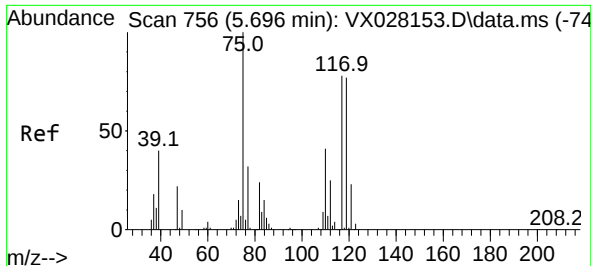
Tgt Ion:114 Resp: 636150
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.377 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion:113 Resp: 233666
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.6 16.9 25.3

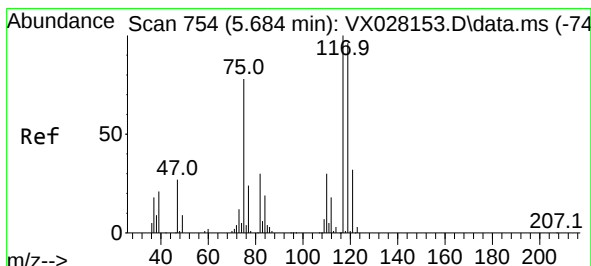
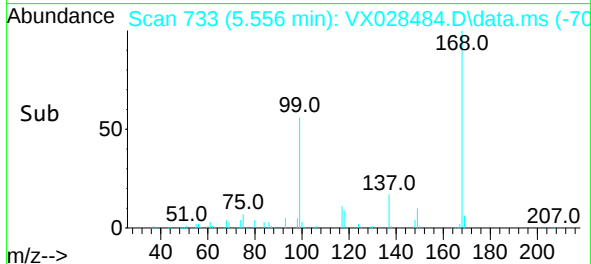
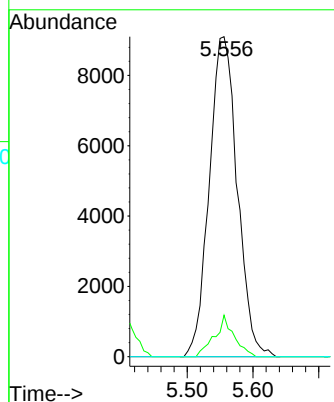
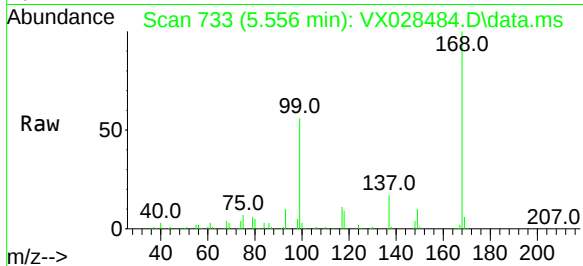




#36
1,1-Dichloropropene
Concen: 4.639 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

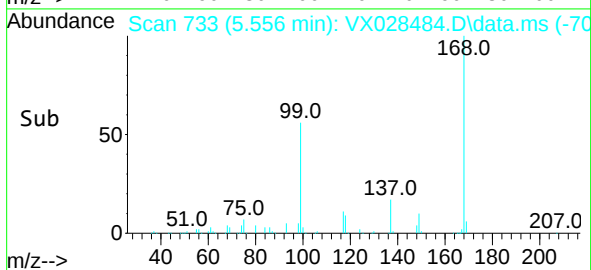
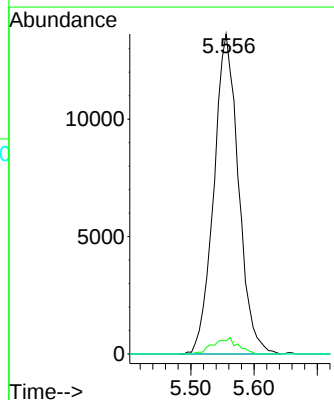
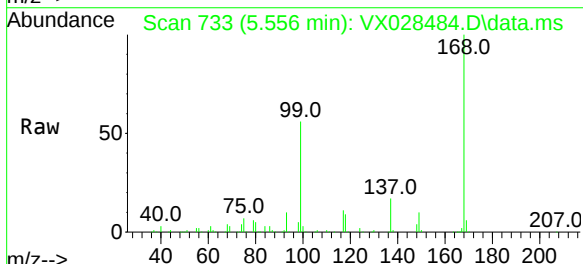
Instrument :
MSVOA_X
ClientSampleId :
WC-3

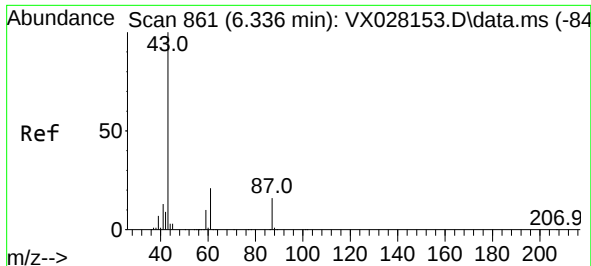
Tgt Ion: 75 Resp: 26997
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.602 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 117 Resp: 36802
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#

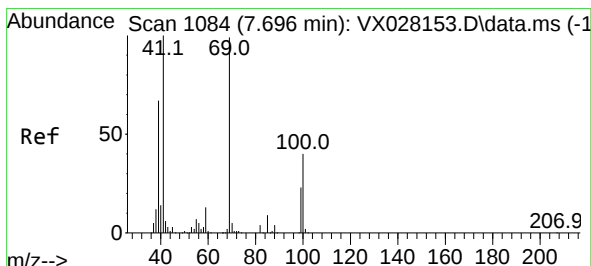
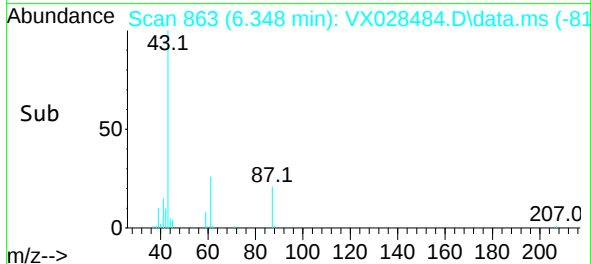
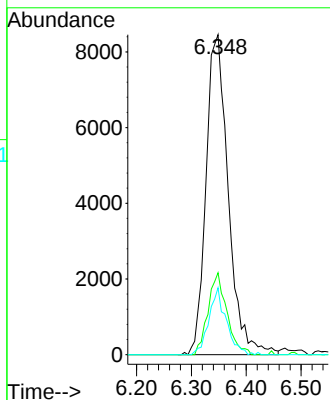
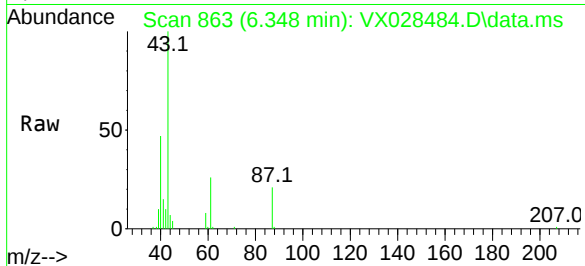




#43
Isopropyl Acetate
Concen: 2.476 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

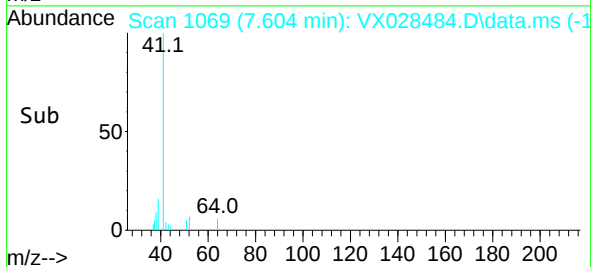
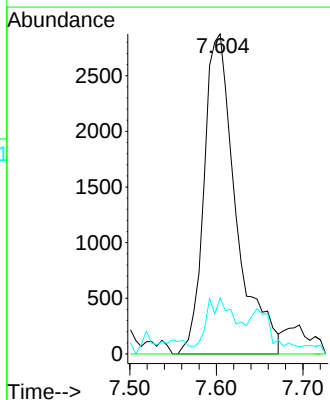
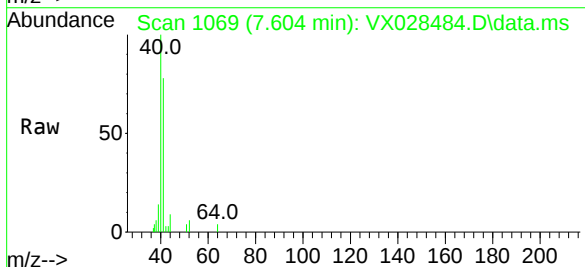
Instrument :
MSVOA_X
ClientSampleId :
WC-3

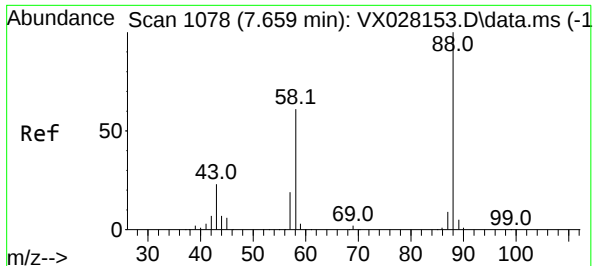
Tgt Ion: 43 Resp: 23792
Ion Ratio Lower Upper
43 100
61 21.6 18.5 27.7
87 16.3 13.0 19.6



#48
Methyl methacrylate
Concen: 1.666 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 41 Resp: 7349
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 2.982 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.147 min

Lab File: VX028484.D

Acq: 02 May 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

WC-3

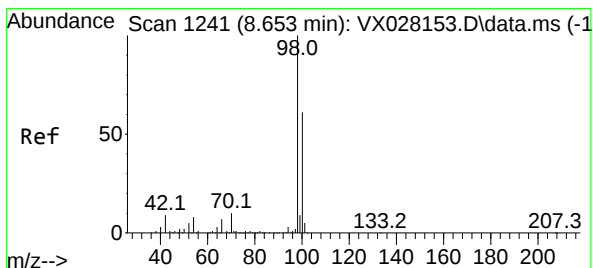
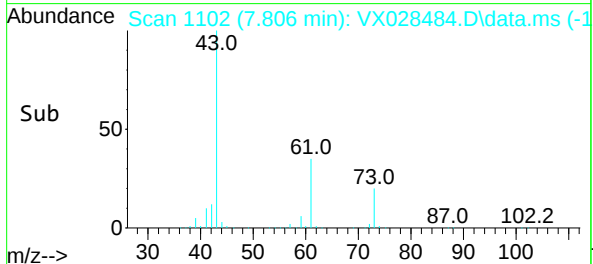
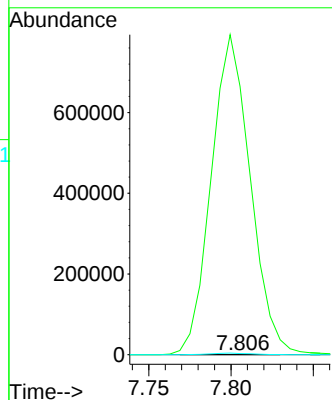
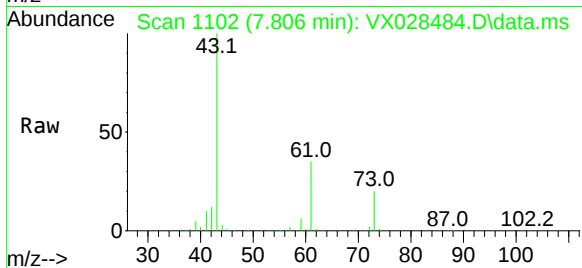
Tgt Ion: 88 Resp: 352

Ion Ratio Lower Upper

88 100

43 375630.1 21.9 32.9#

58 1900.6 53.7 80.5#



#50

Toluene-d8

Concen: 52.782 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028484.D

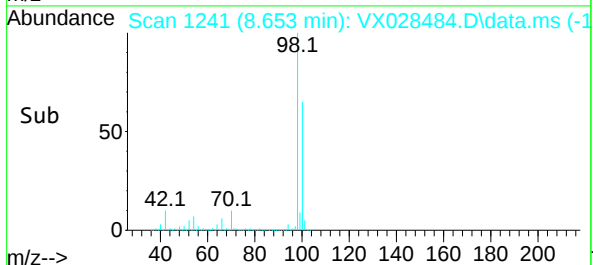
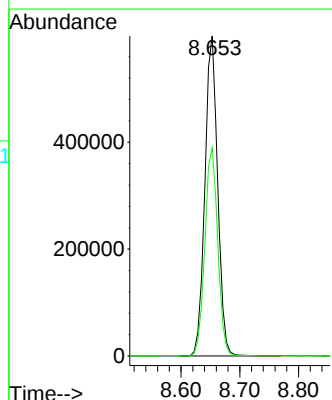
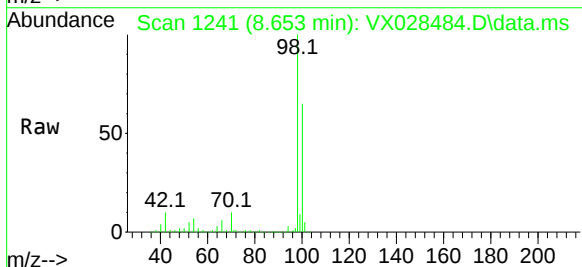
Acq: 02 May 2022 19:32

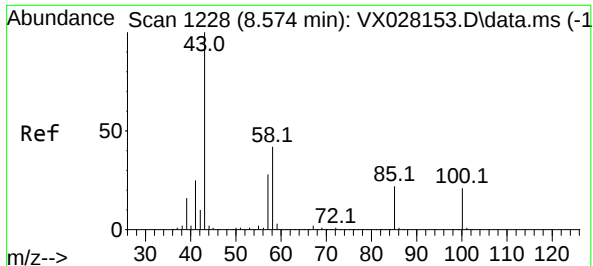
Tgt Ion: 98 Resp: 904412

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

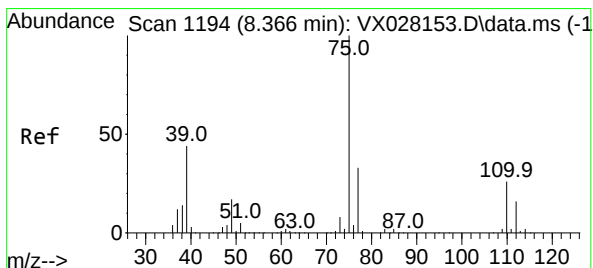
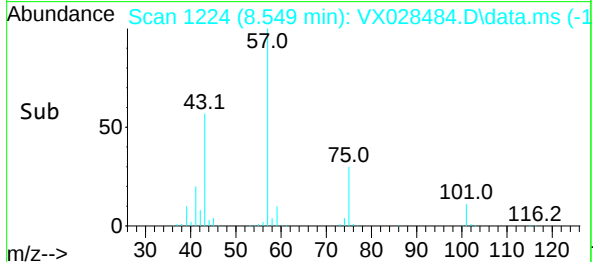
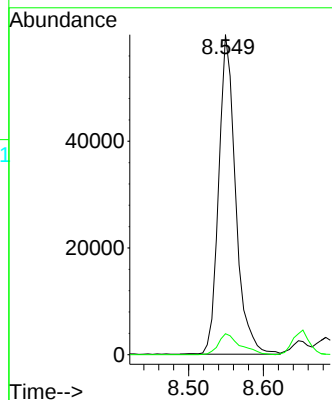
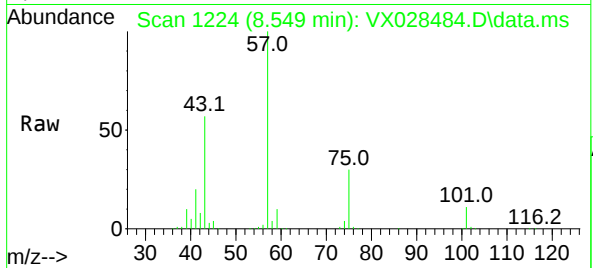




#51
4-Methyl-2-Pentanone
Concen: 15.289 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

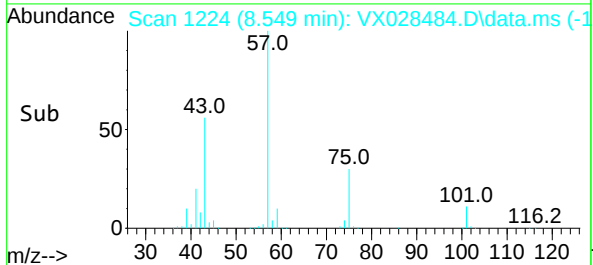
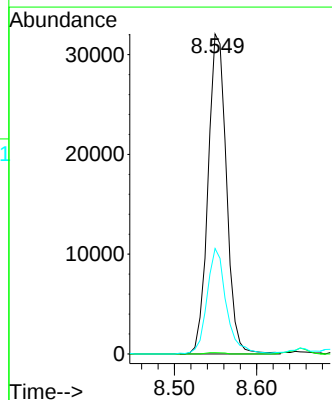
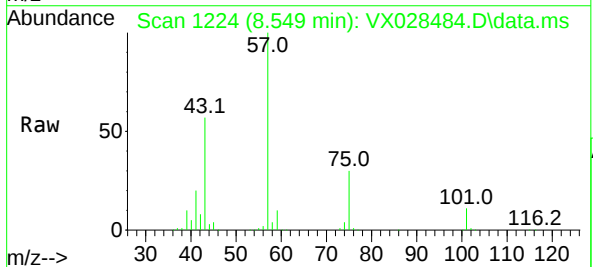
Instrument :
MSVOA_X
ClientSampleId :
WC-3

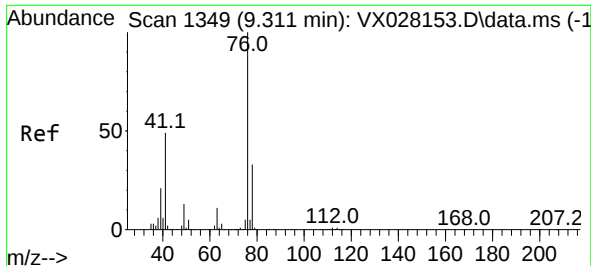
Tgt Ion: 43 Resp: 94287
Ion Ratio Lower Upper
43 100
58 8.4 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 6.938 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 75 Resp: 49776
Ion Ratio Lower Upper
75 100
77 0.4 24.8 37.2#
39 32.7 29.6 44.4





#57

1,3-Dichloropropane

Concen: 4.089 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX028484.D

Acq: 02 May 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

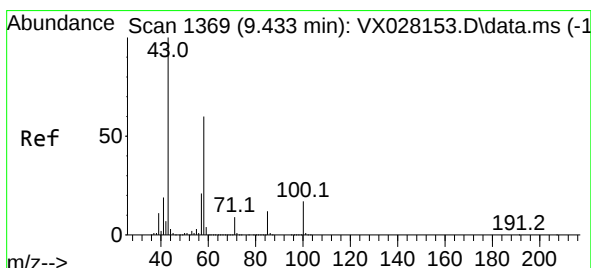
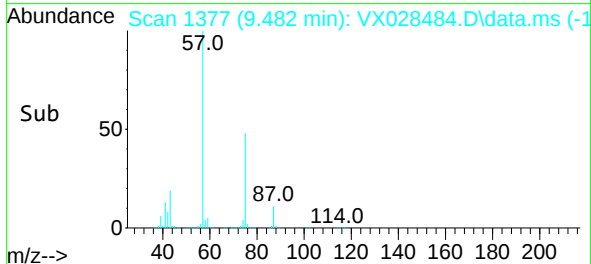
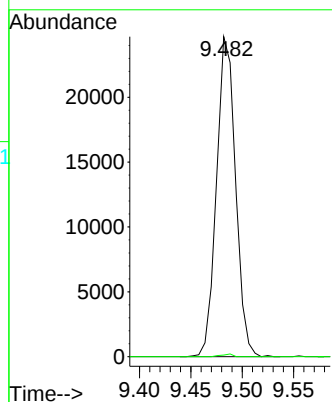
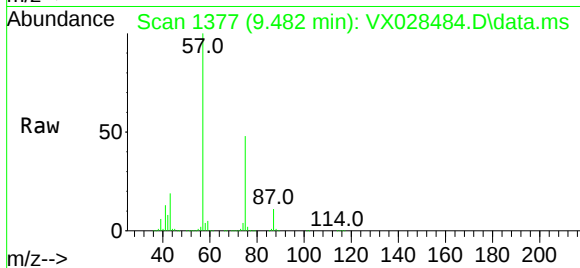
WC-3

Tgt Ion: 76 Resp: 31738

Ion Ratio Lower Upper

76 100

78 0.5 25.8 38.8#



#59

2-Hexanone

Concen: 75.005 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX028484.D

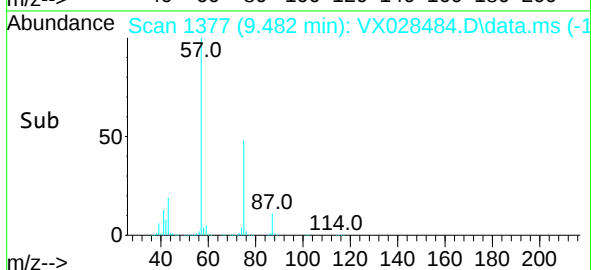
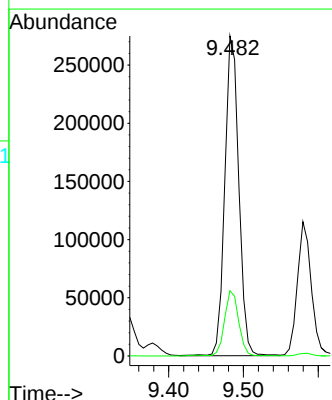
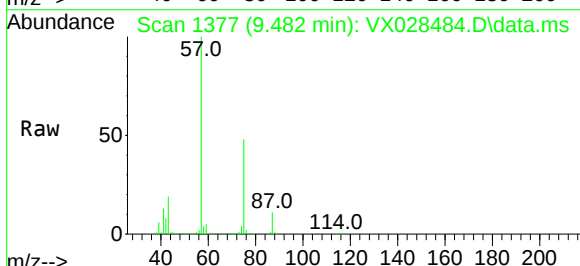
Acq: 02 May 2022 19:32

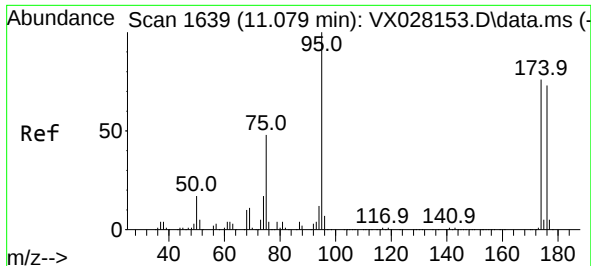
Tgt Ion: 43 Resp: 358295

Ion Ratio Lower Upper

43 100

58 20.3 31.9 95.7#

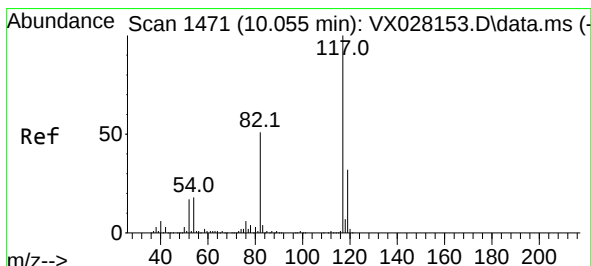
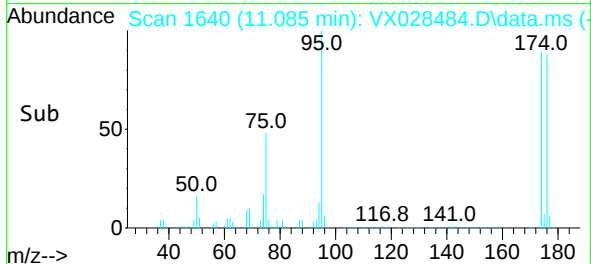
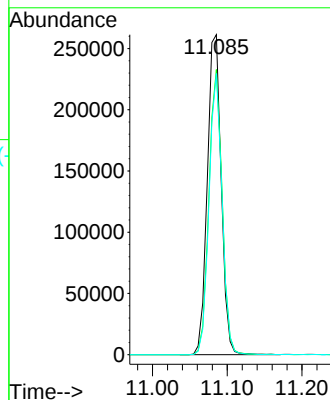
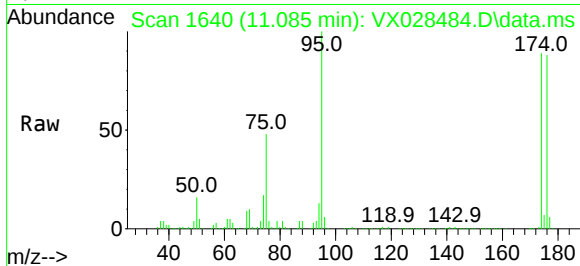




#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

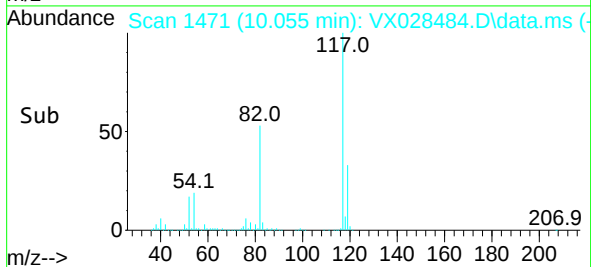
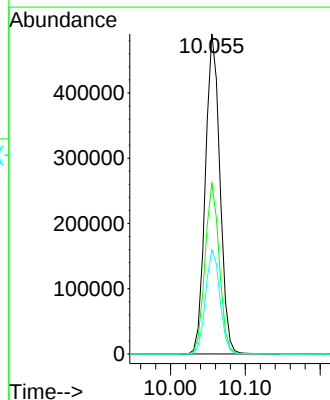
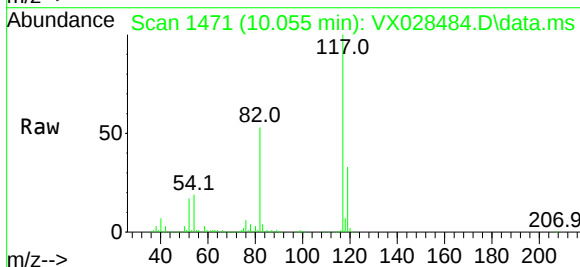
Instrument :
MSVOA_X
ClientSampleId :
WC-3

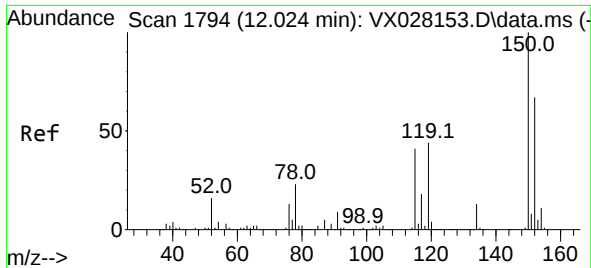
Tgt Ion: 95 Resp: 336973
Ion Ratio Lower Upper
95 100
174 85.0 0.0 163.0
176 82.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 117 Resp: 662744
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.8
119 32.6 24.8 37.2

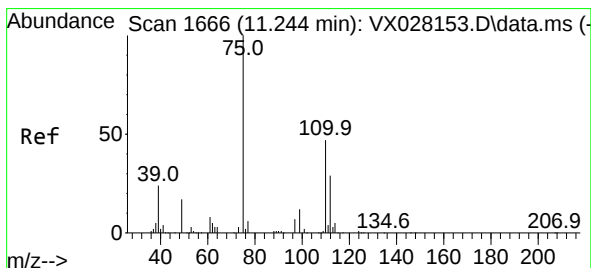
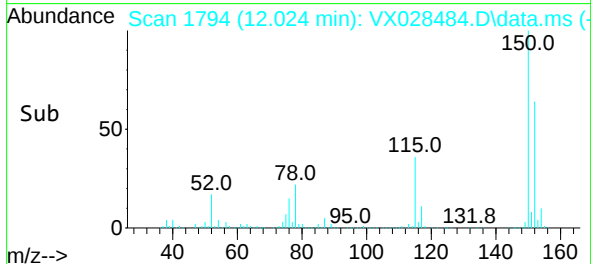
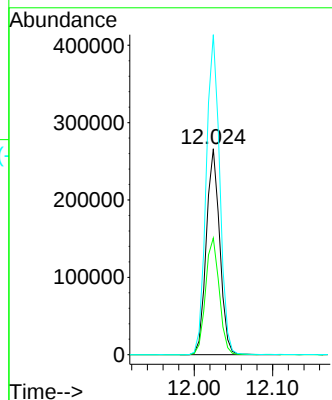
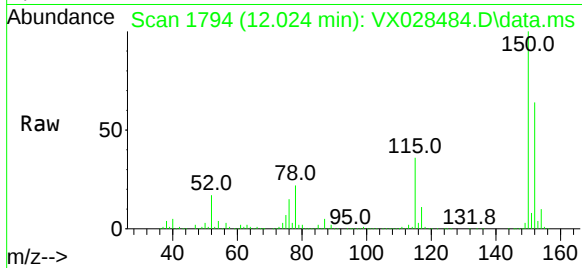




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028484.D
 Acq: 02 May 2022 19:32

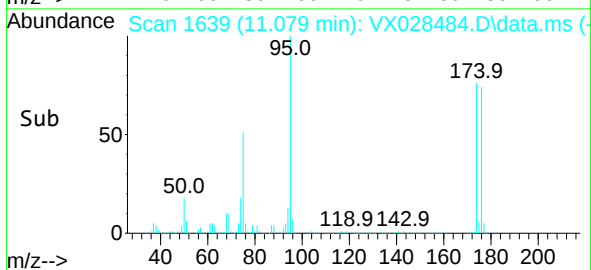
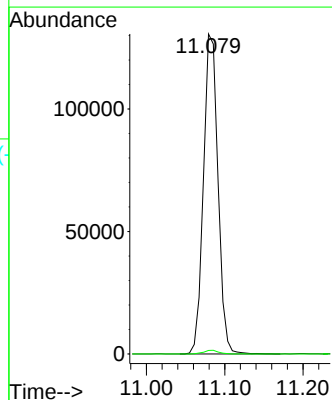
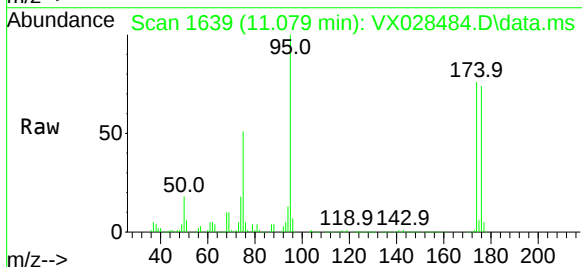
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-3

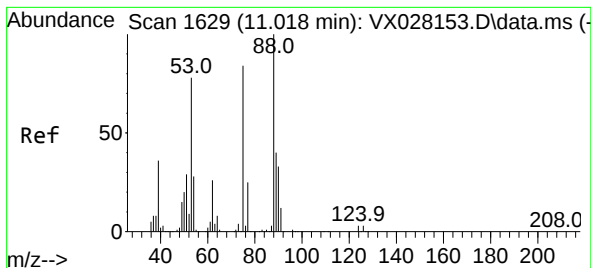
Tgt Ion:152 Resp: 316380
 Ion Ratio Lower Upper
 152 100
 115 57.6 37.5 112.7
 150 156.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.010 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028484.D
 Acq: 02 May 2022 19:32

Tgt Ion: 75 Resp: 168181
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

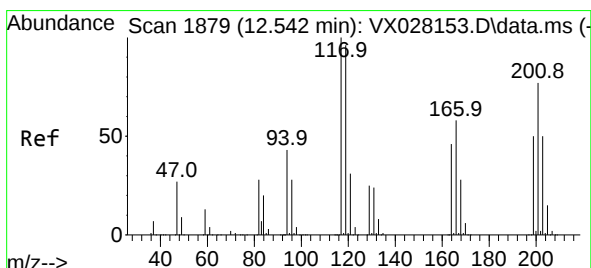
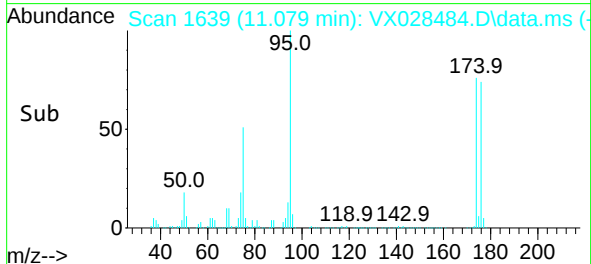
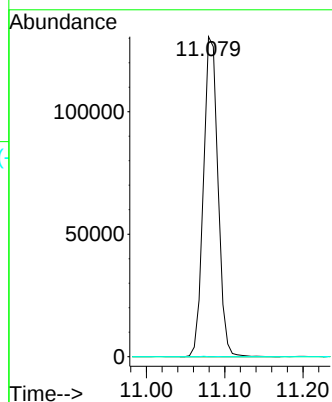
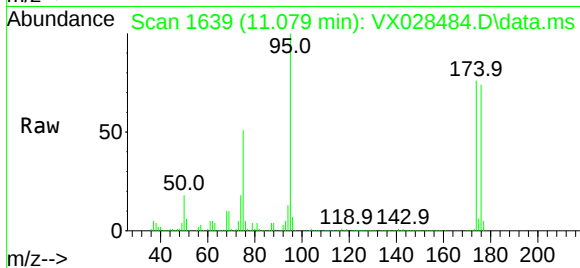




#81
trans-1,4-Dichloro-2-butene
Concen: 80.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
WC-3

Tgt Ion: 75 Resp: 168181
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 2.409 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX028484.D
Acq: 02 May 2022 19:32

Tgt Ion: 117 Resp: 2179
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

