

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028129.D
 Acq On : 15 Apr 2022 13:40
 Operator : JC/MD
 Sample : N2431-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-1-1

Quant Time: Apr 16 02:24:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

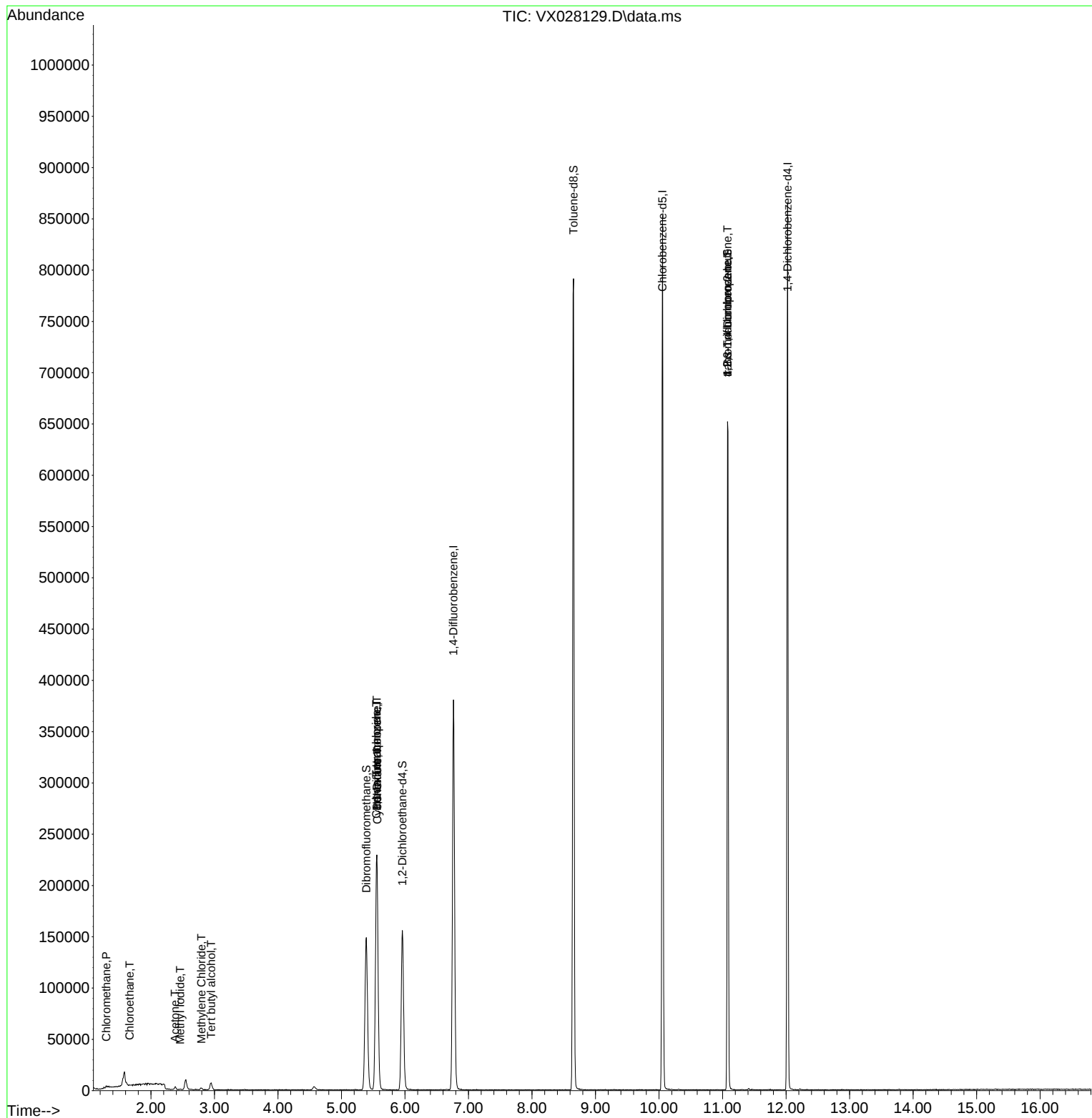
Internal Standards						
1) Pentafluorobenzene	5.556	168	221178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140492	46.820	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.640%
35) Dibromofluoromethane	5.391	113	124723	49.187	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.380%
50) Toluene-d8	8.653	98	468893	49.581	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	154963	43.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	825	0.347	ug/l #	77
5) Bromomethane	1.618	94	936	Below Cal	#	74
6) Chloroethane	1.666	64	200	2.683	ug/l #	43
10) Methyl Iodide	2.459	142	631	0.243	ug/l #	84
11) Tert butyl alcohol	2.947	59	4037	5.796	ug/l #	72
13) Acrolein	2.215	56	53	Below Cal	#	15
16) Acetone	2.380	43	3137	2.509	ug/l #	84
20) Methylene Chloride	2.794	84	826	0.332	ug/l #	94
31) Cyclohexane	5.562	56	5021	1.217	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	17554	4.536	ug/l #	49
38) Carbon Tetrachloride	5.550	117	21870	5.293	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	87952	23.252	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87952	65.490	ug/l #	15

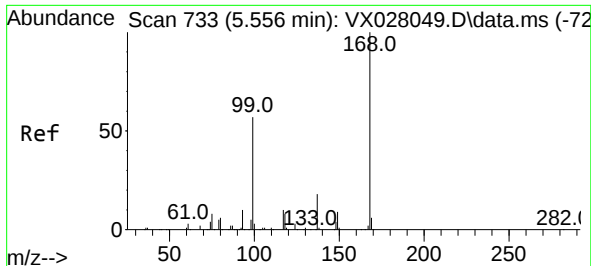
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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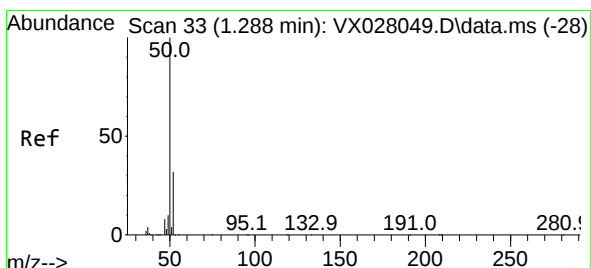
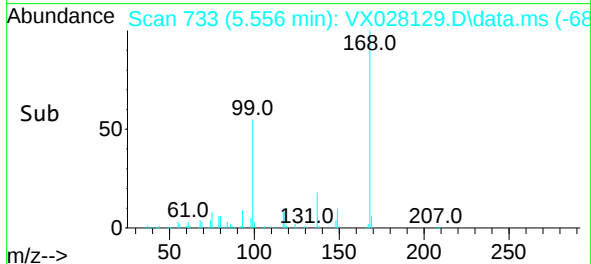
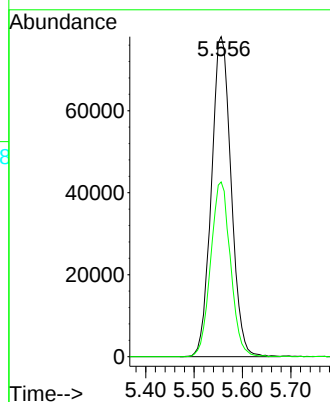
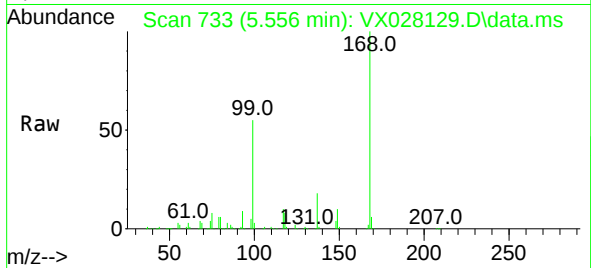




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

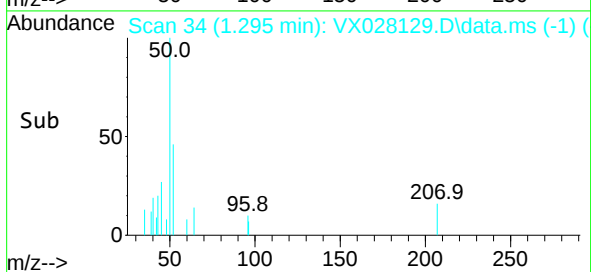
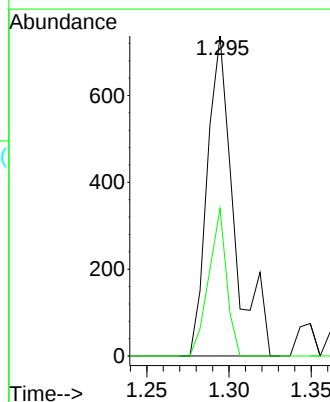
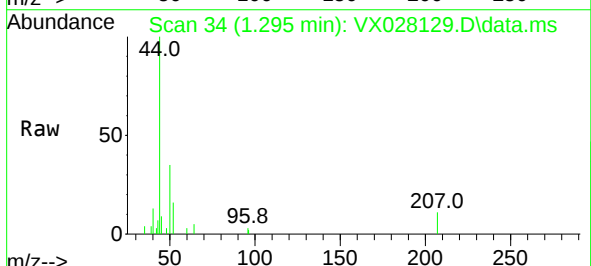
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1

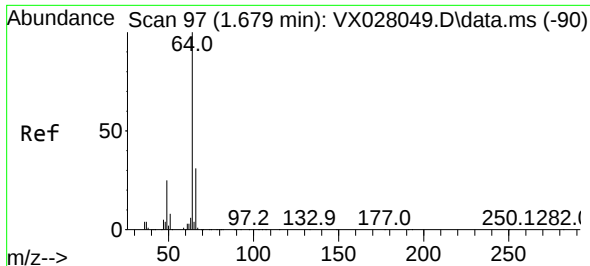
Tgt Ion:168 Resp: 221178
Ion Ratio Lower Upper
168 100
99 54.6 41.7 62.5



#3
Chloromethane
Concen: 0.347 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 46.1 26.4 39.6#

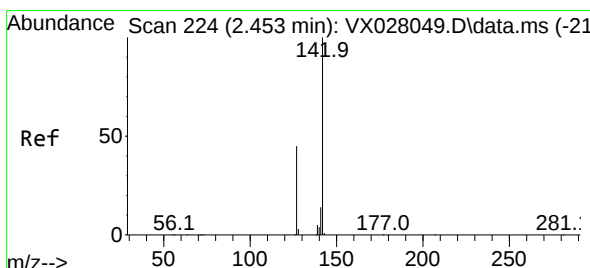
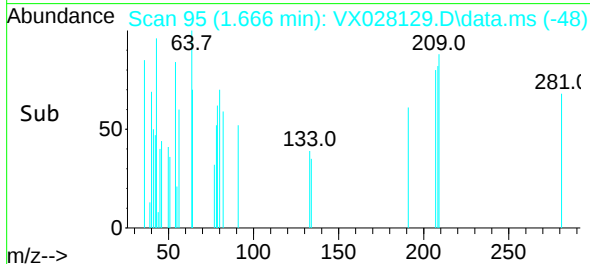
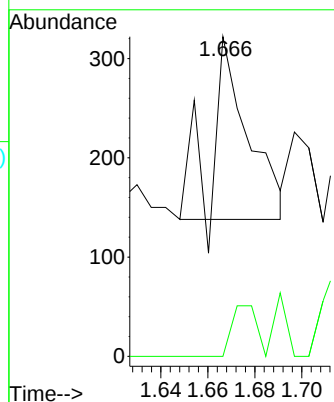
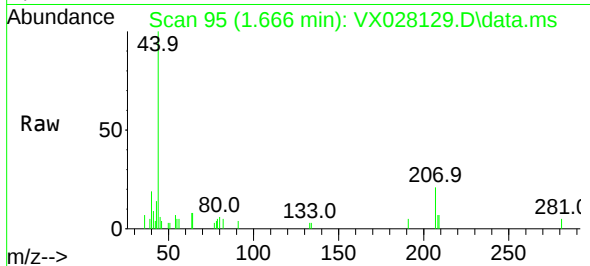




#6
Chloroethane
Concen: 2.683 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

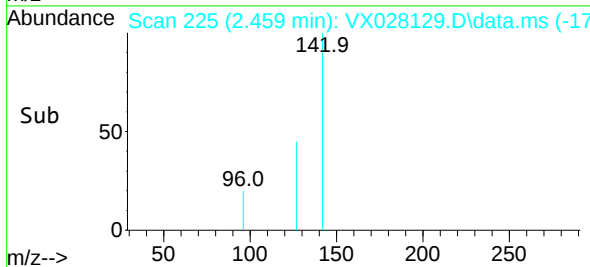
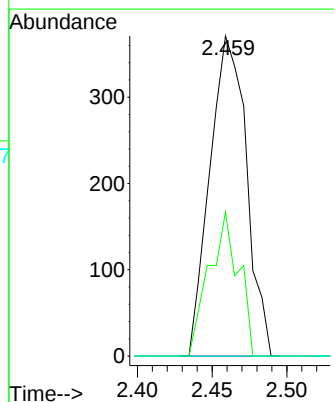
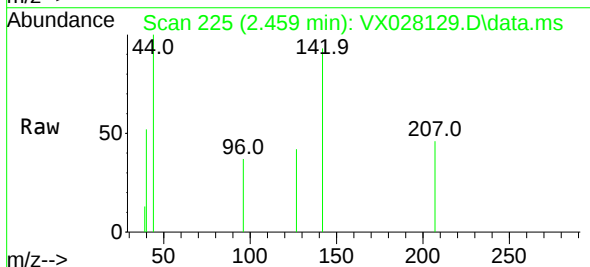
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1

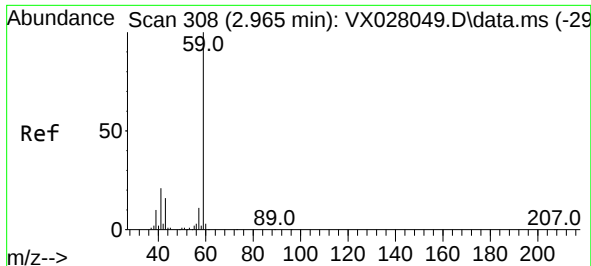
Tgt Ion: 64 Resp: 200
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion: 142 Resp: 631
Ion Ratio Lower Upper
142 100
127 36.3 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 5.796 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX028129.D

Acq: 15 Apr 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

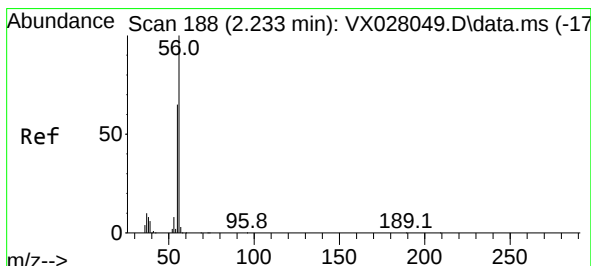
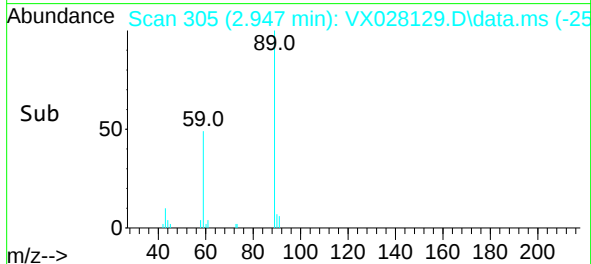
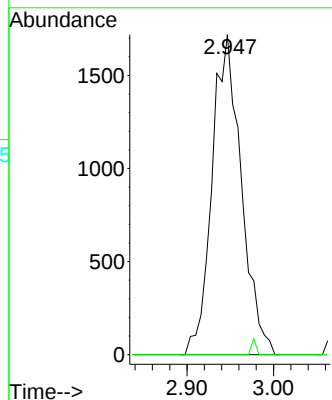
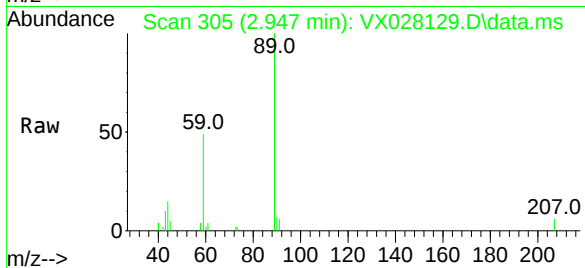
WC-15-1-1

Tgt Ion: 59 Resp: 4037

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: Below Cal

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX028129.D

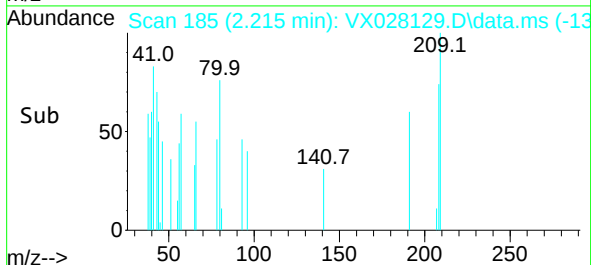
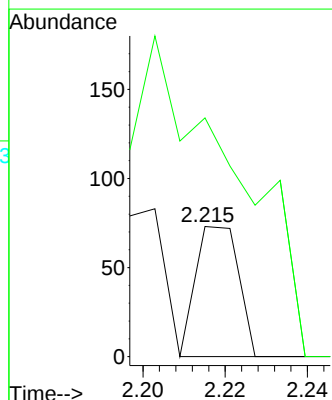
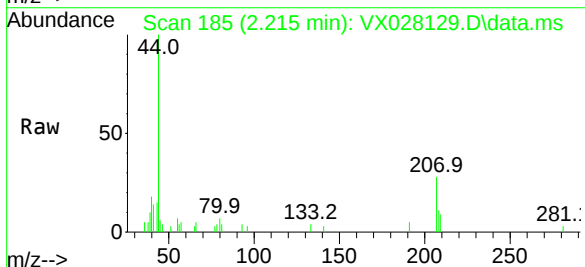
Acq: 15 Apr 2022 13:40

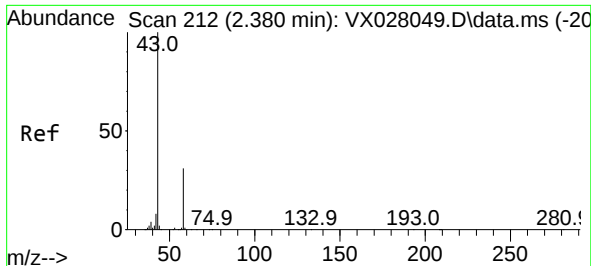
Tgt Ion: 56 Resp: 53

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

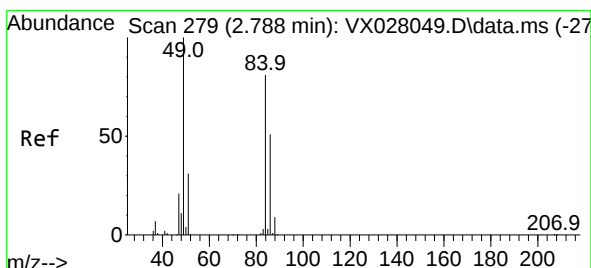
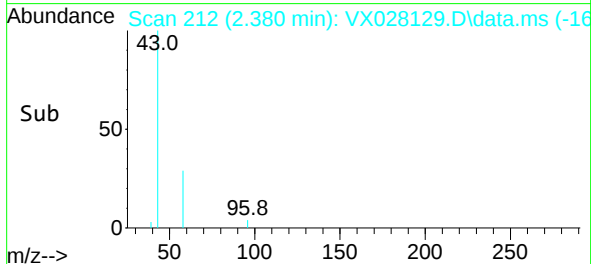
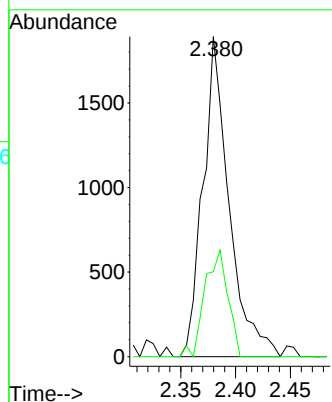
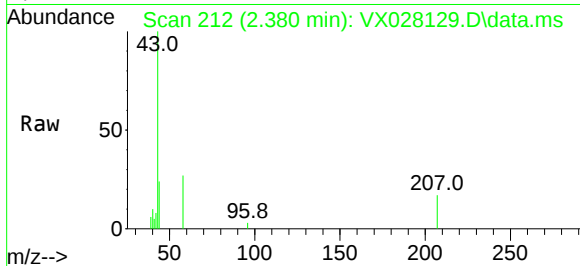




#16
Acetone
Concen: 2.509 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

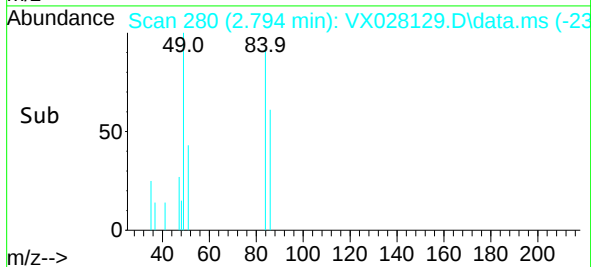
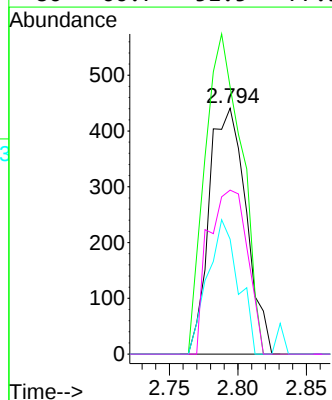
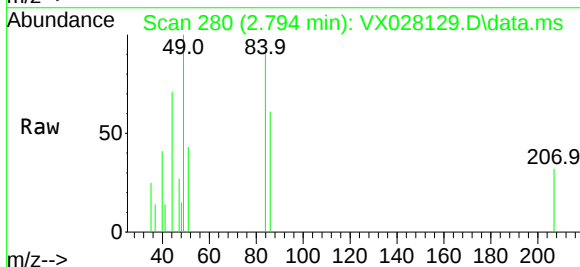
Instrument :
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ClientSampleId :
WC-15-1-1

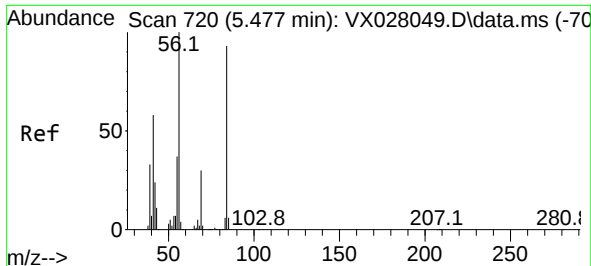
Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 26.5 28.8 43.2#



#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion: 84 Resp: 826
Ion Ratio Lower Upper
84 100
49 108.6 85.5 128.3
51 46.7 26.6 39.8#
86 66.7 51.5 77.3

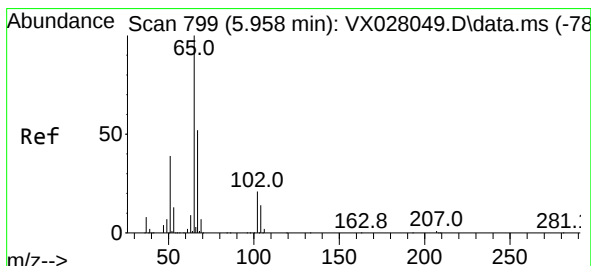
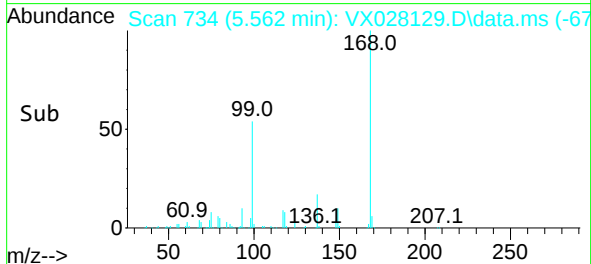
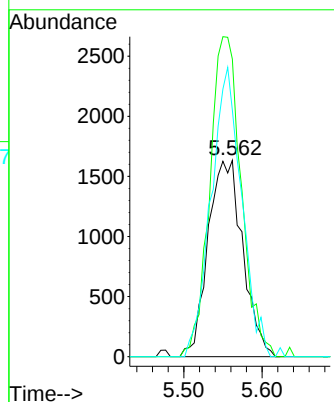
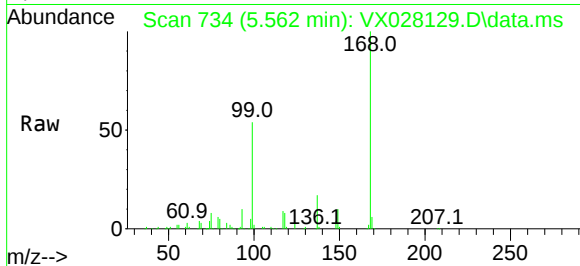




#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.562 min Scan# 712
Delta R.T. 0.085 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

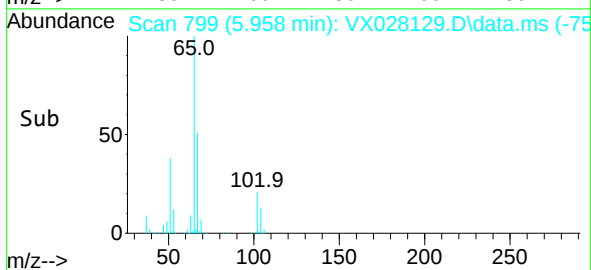
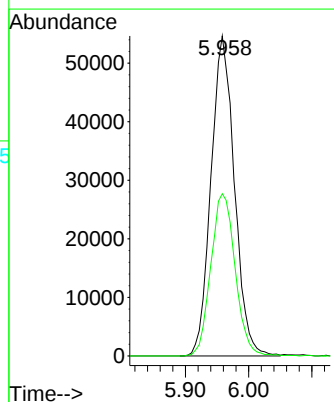
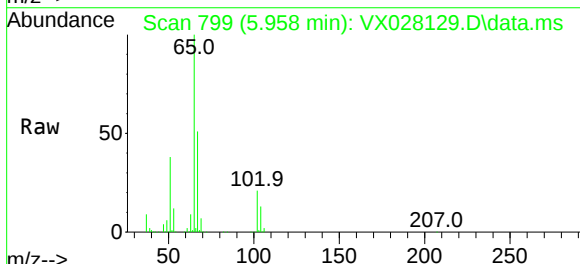
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MSVOA_X
ClientSampleId :
WC-15-1-1

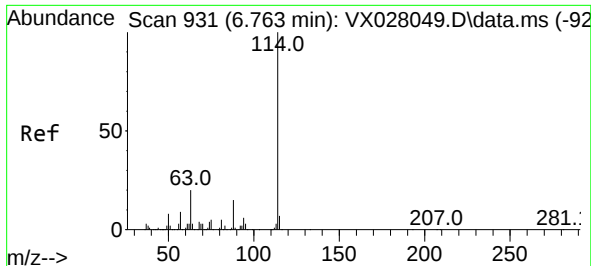
Tgt Ion: 56 Resp: 5021
Ion Ratio Lower Upper
56 100
69 151.6 26.7 40.1#
84 125.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.820 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion: 65 Resp: 140492
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

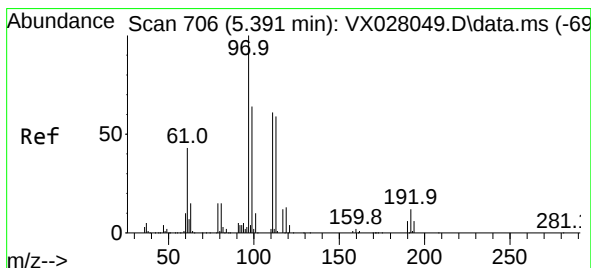
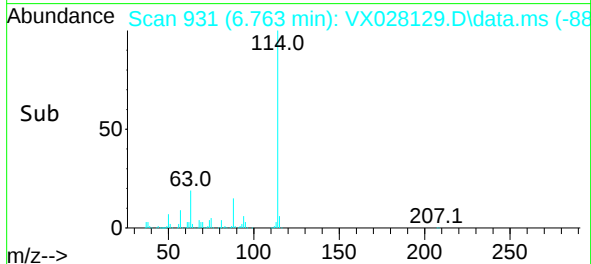
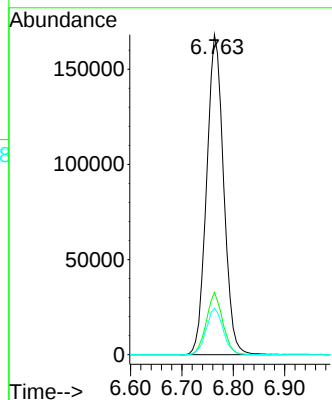
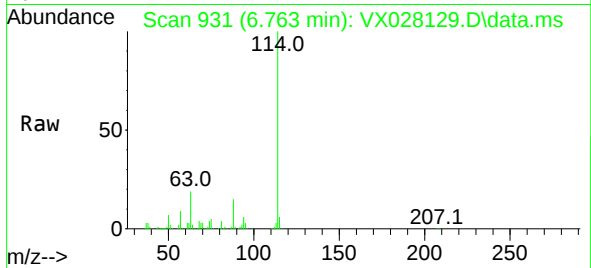




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

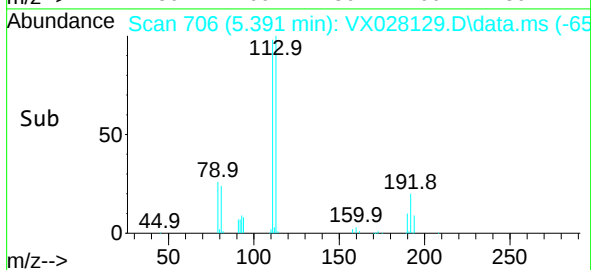
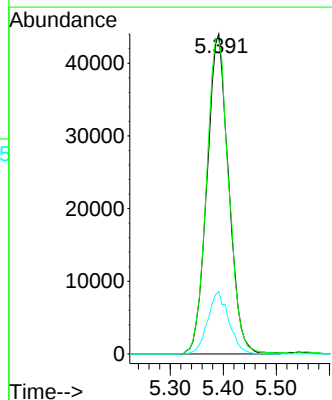
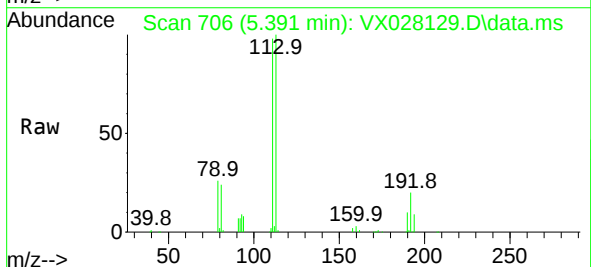
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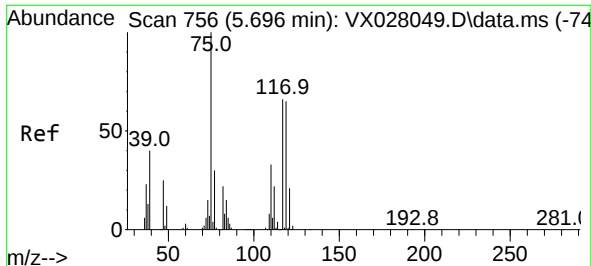
Tgt Ion:114 Resp: 386971
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.187 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion:113 Resp: 124723
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.0 16.9 25.3

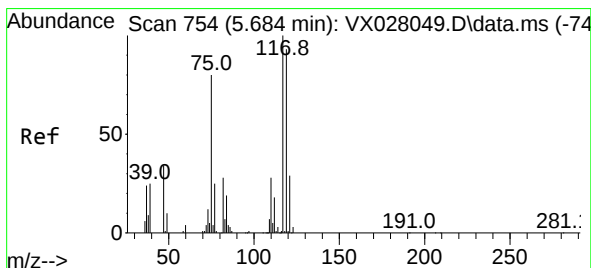
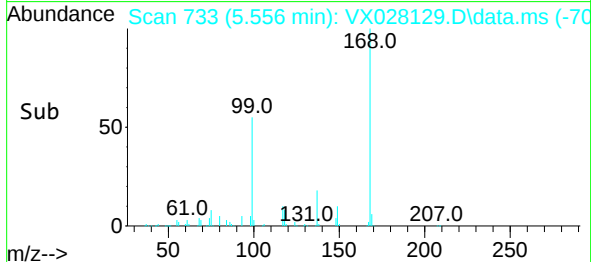
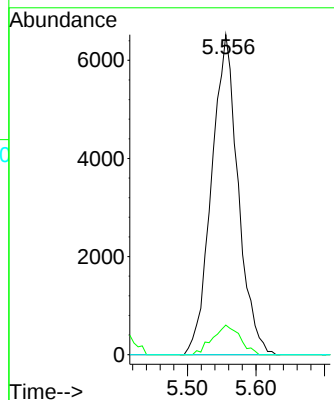
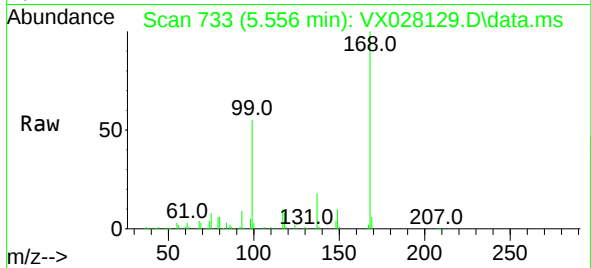




#36
 1,1-Dichloropropene
 Concen: 4.536 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX028129.D
 Acq: 15 Apr 2022 13:40

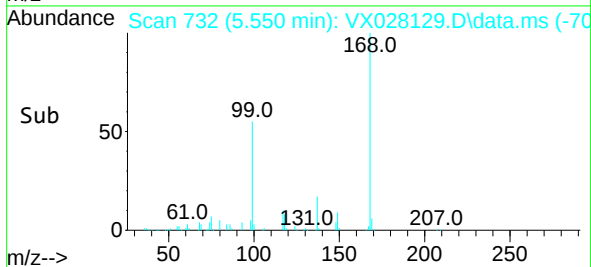
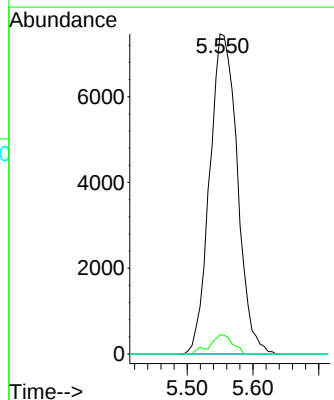
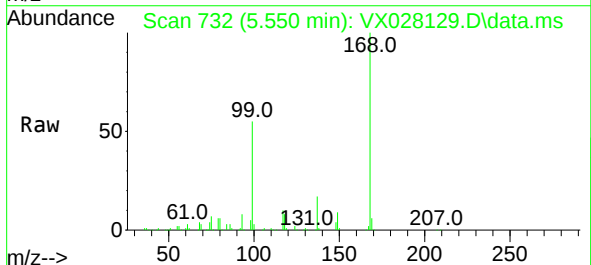
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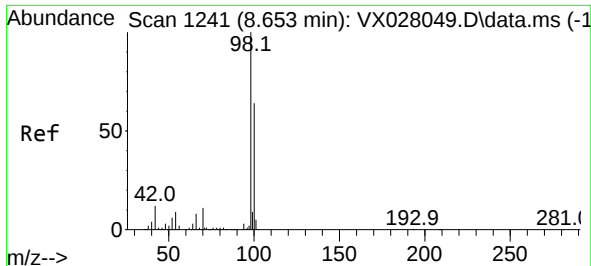
Tgt Ion: 75 Resp: 17554
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.293 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX028129.D
 Acq: 15 Apr 2022 13:40

Tgt Ion: 117 Resp: 21870
 Ion Ratio Lower Upper
 117 100
 119 6.0 77.3 115.9#
 121 0.0 24.2 36.2#

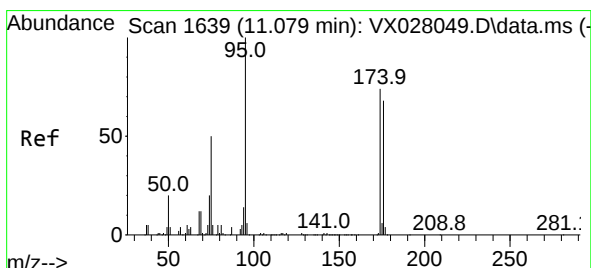
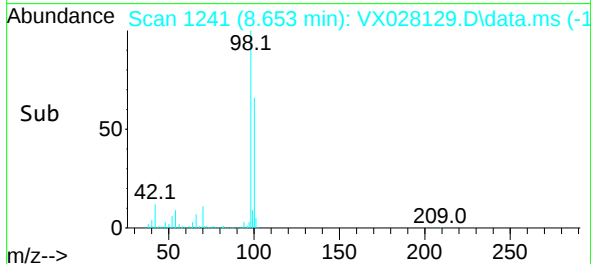
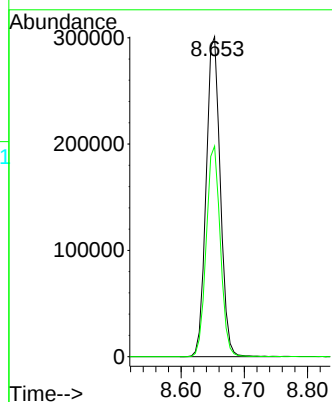
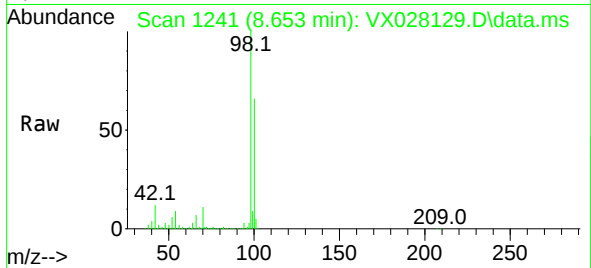




#50
Toluene-d8
Concen: 49.581 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

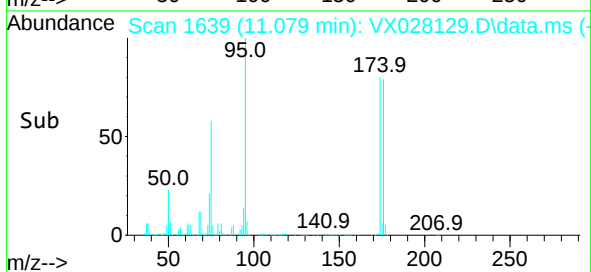
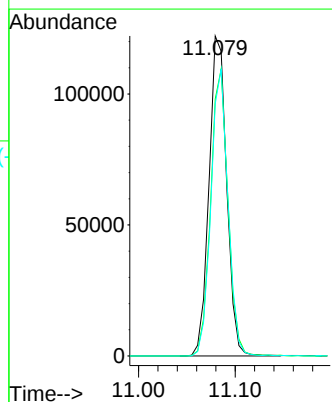
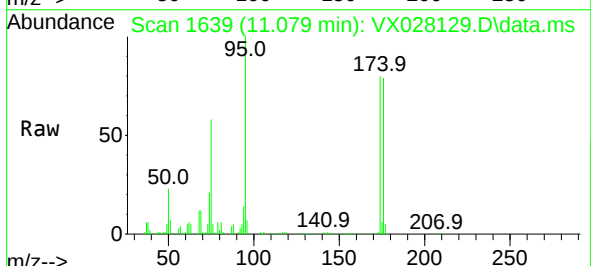
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1

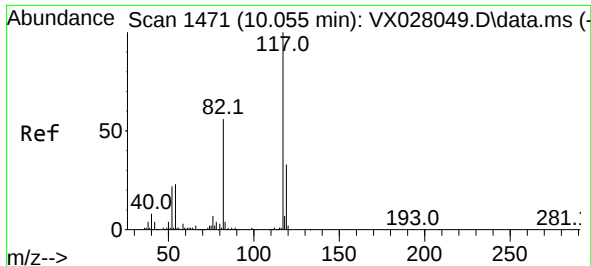
Tgt Ion: 98 Resp: 468893
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion: 95 Resp: 154963
Ion Ratio Lower Upper
95 100
174 87.9 0.0 163.0
176 86.5 0.0 155.0

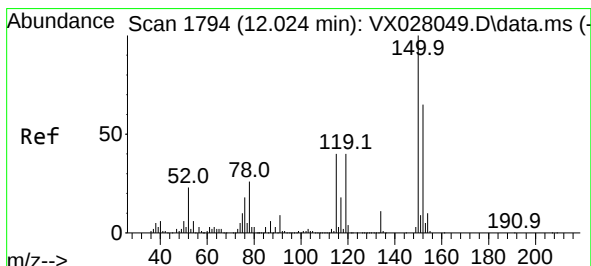
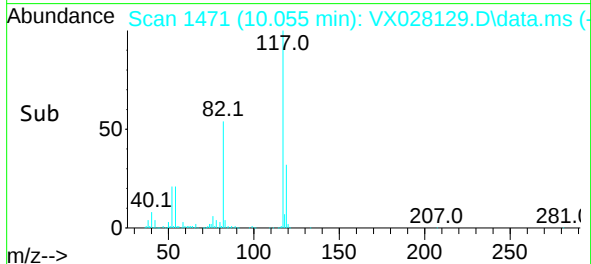
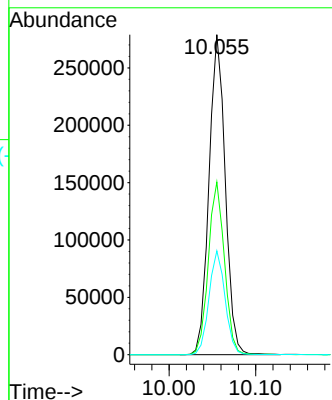
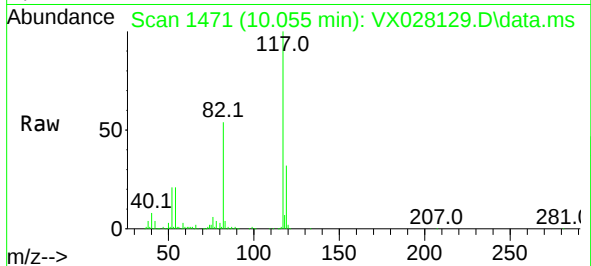




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

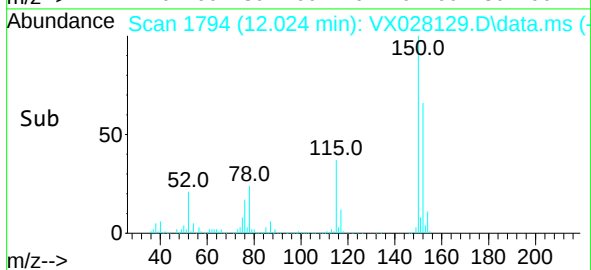
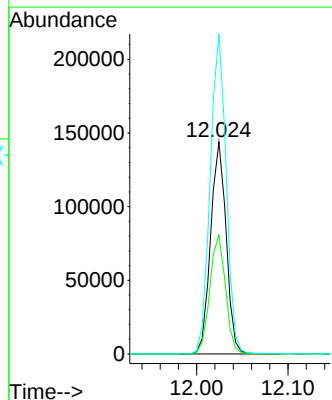
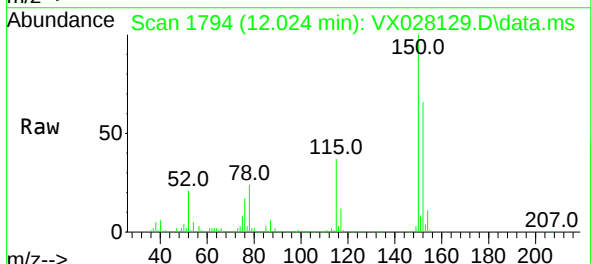
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1

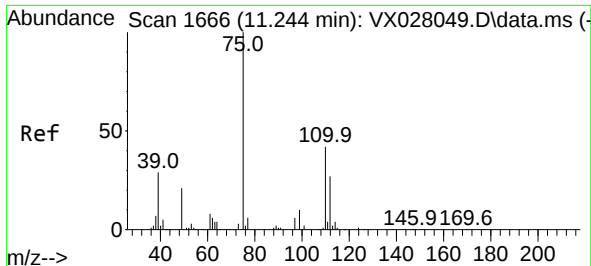
Tgt Ion:117 Resp: 363310
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion:152 Resp: 169905
Ion Ratio Lower Upper
152 100
115 56.7 37.5 112.7
150 155.0 0.0 338.2

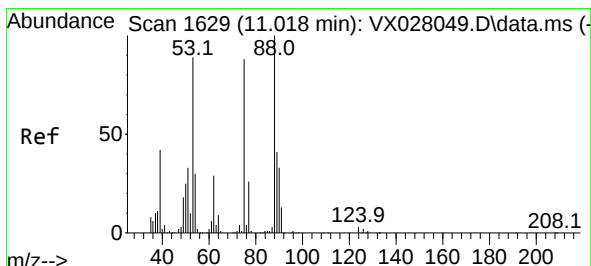
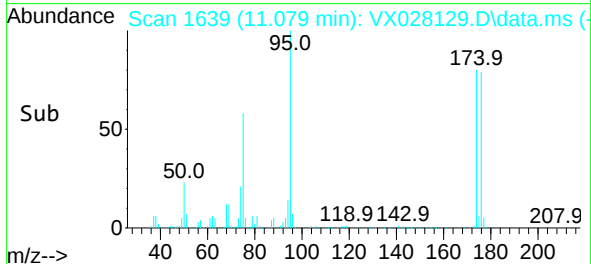
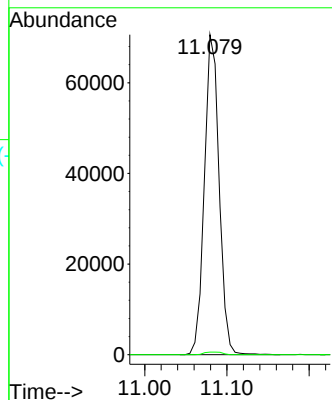
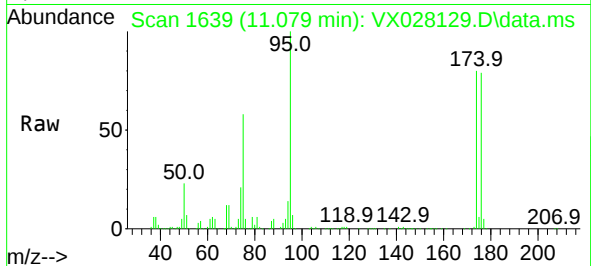




#76
1,2,3-Trichloropropane
Concen: 23.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1

Tgt Ion: 75 Resp: 87952
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028129.D
Acq: 15 Apr 2022 13:40

Tgt Ion: 75 Resp: 87952
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

