

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029143.D
 Acq On : 02 Jun 2022 18:15
 Operator : JC/MD
 Sample : N3022-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 08BR-20220525DL

Quant Time: Jun 03 04:33:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

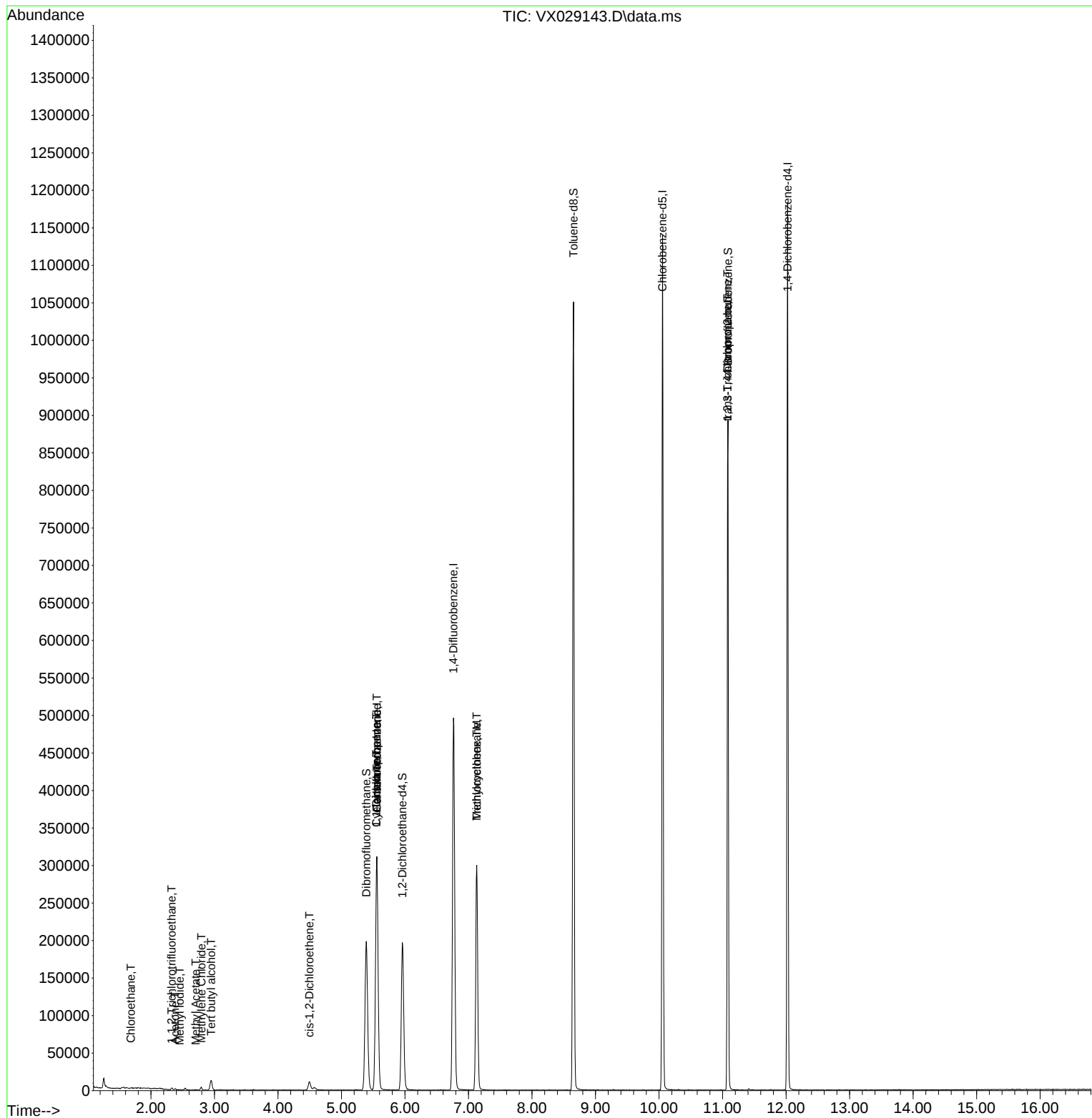
Internal Standards						
1) Pentafluorobenzene	5.556	168	292201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	538306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192925	58.551	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.100%
35) Dibromofluoromethane	5.391	113	176974	49.496	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.000%
50) Toluene-d8	8.653	98	627924	48.016	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.085	95	252584	49.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	754	Below Cal	#	61
6) Chloroethane	1.685	64	430	1.568	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	998	0.370	ug/l	96
10) Methyl Iodide	2.453	142	513	4.369	ug/l #	90
11) Tert butyl alcohol	2.947	59	7755	10.160	ug/l #	73
16) Acetone	2.380	43	1744	1.344	ug/l #	87
18) Methyl Acetate	2.703	43	796	0.237	ug/l #	46
20) Methylene Chloride	2.794	84	1513	0.500	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	7499	2.116	ug/l	88
31) Cyclohexane	5.550	56	5159	1.204	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22244	4.835	ug/l #	49
38) Carbon Tetrachloride	5.556	117	30460	5.793	ug/l #	15
39) Methylcyclohexane	7.129	83	1629	0.286	ug/l #	1
44) Trichloroethene	7.129	130	120777	29.612	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	123644	25.465	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123644	74.710	ug/l #	15

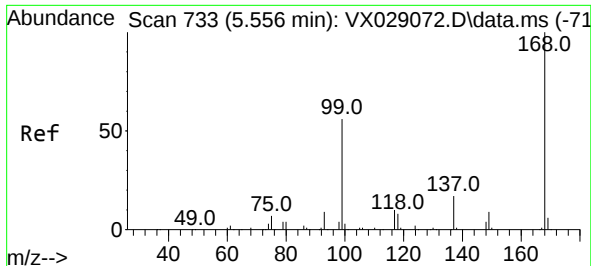
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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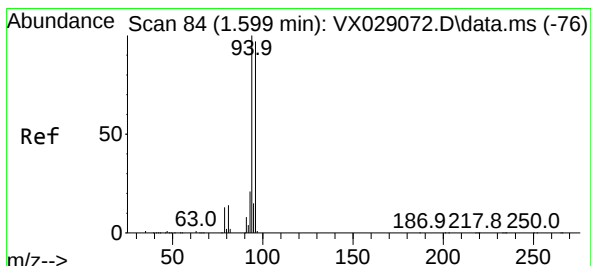
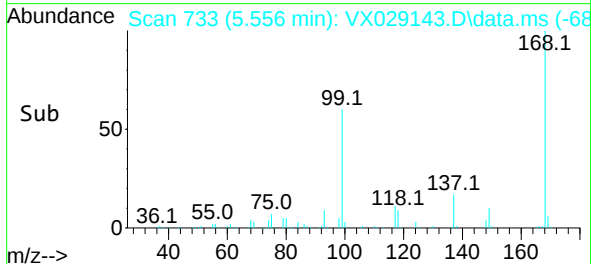
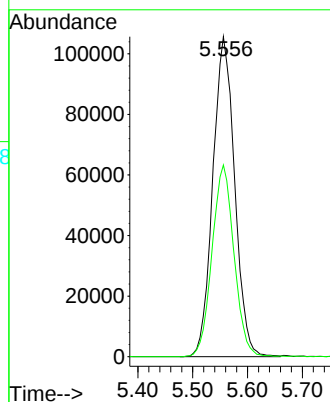
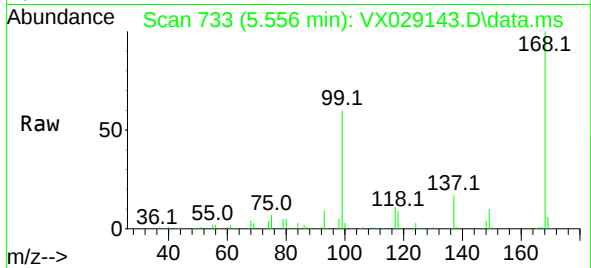




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

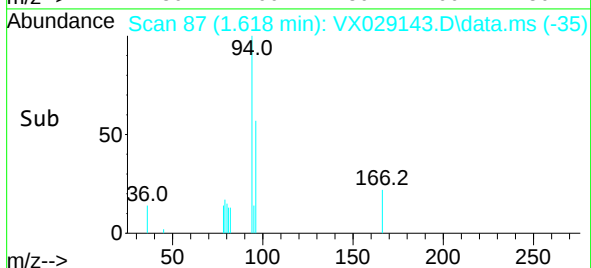
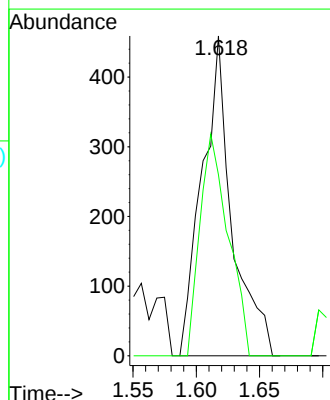
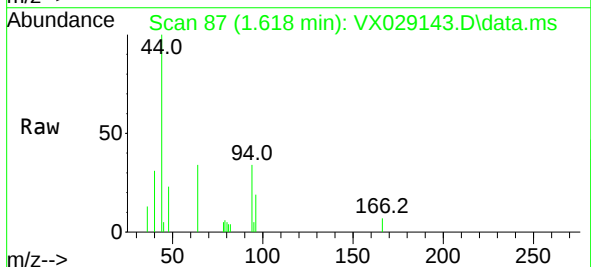
Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL

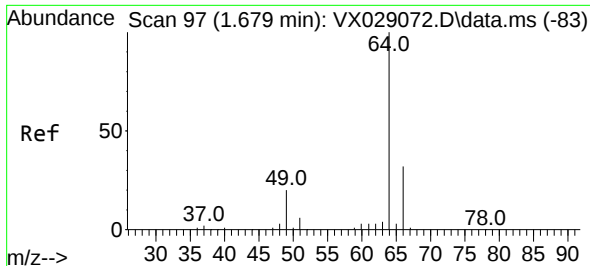
Tgt Ion:168 Resp: 292201
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion: 94 Resp: 754
Ion Ratio Lower Upper
94 100
96 56.6 75.3 112.9#

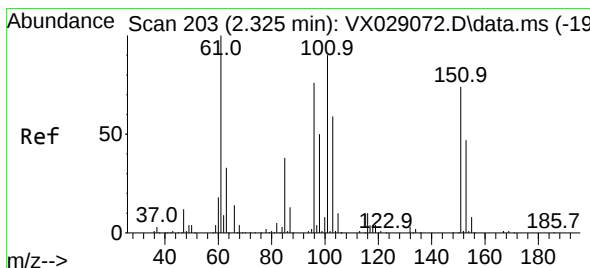
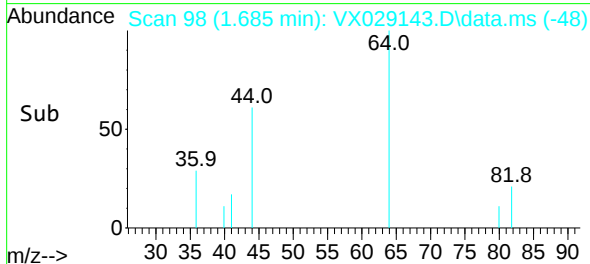
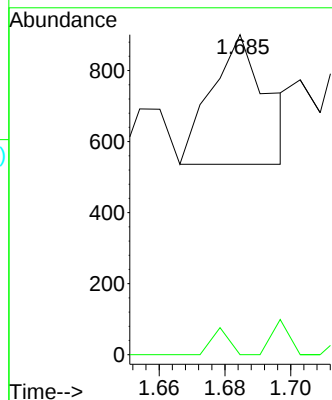
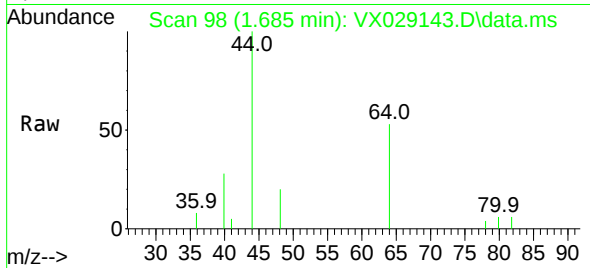




#6
Chloroethane
Concen: 1.568 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

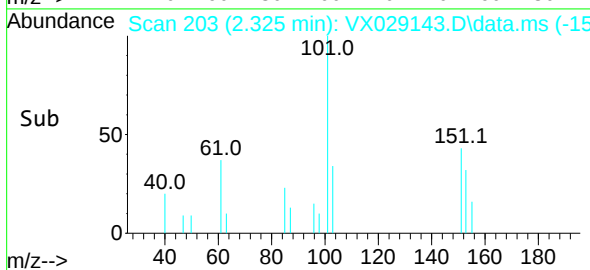
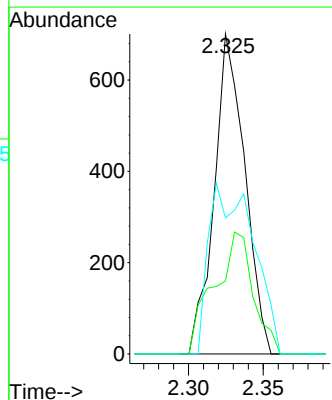
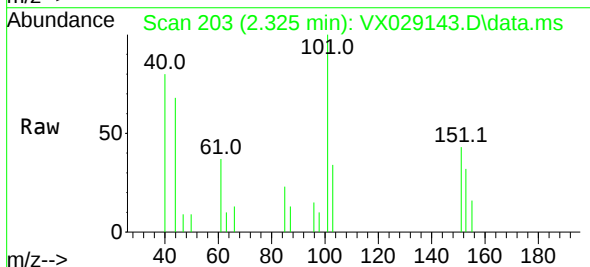
Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL

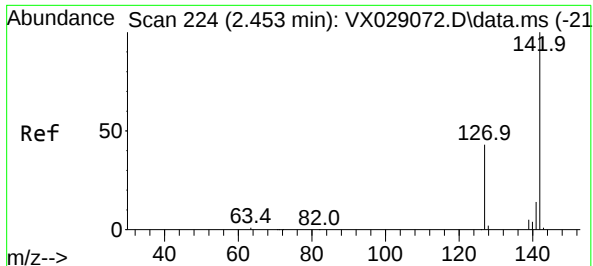
Tgt Ion: 64 Resp: 430
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.370 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

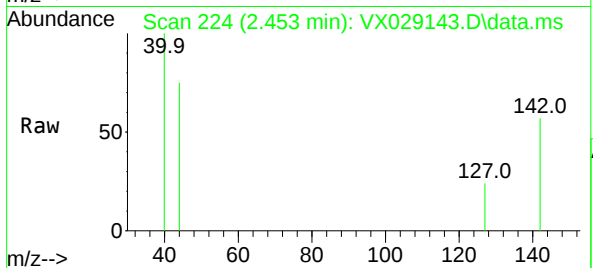
Tgt Ion: 101 Resp: 998
Ion Ratio Lower Upper
101 100
85 48.6 33.5 50.3
151 77.7 61.8 92.6



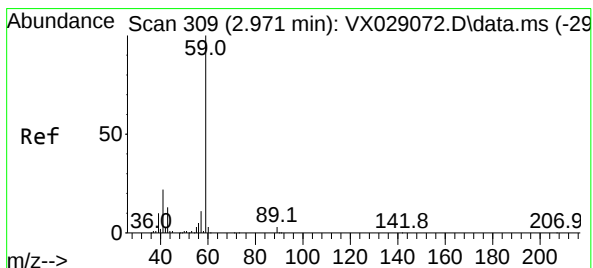
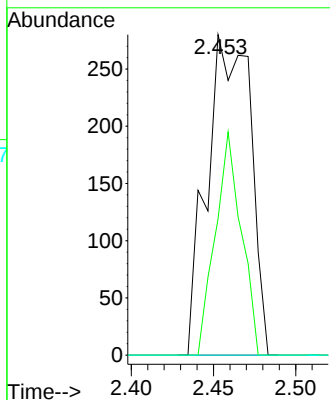
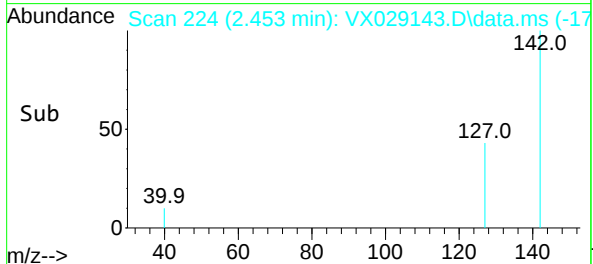


#10
Methyl Iodide
Concen: 4.369 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

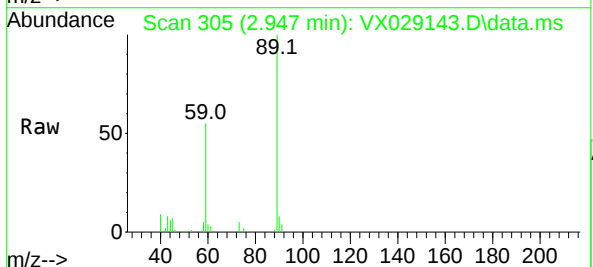
Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL



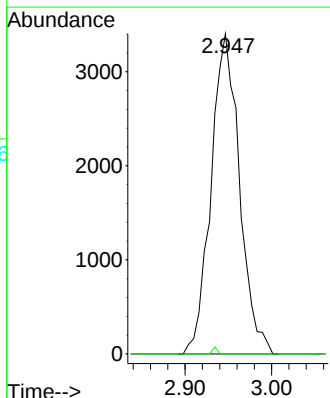
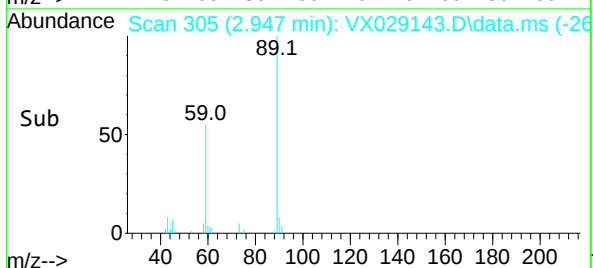
Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
127 41.5 33.9 50.9
141 0.0 11.4 17.2#

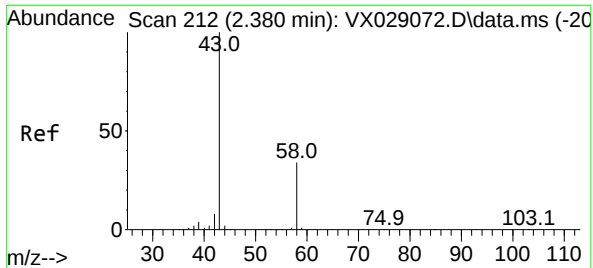


#11
Tert butyl alcohol
Concen: 10.160 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15



Tgt Ion: 59 Resp: 7755
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#

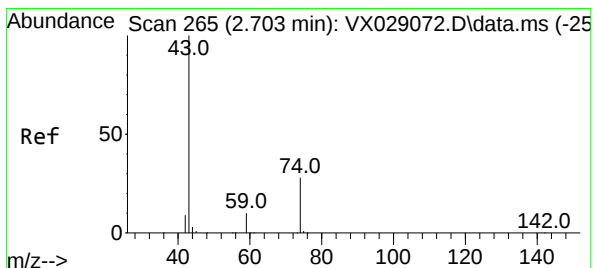
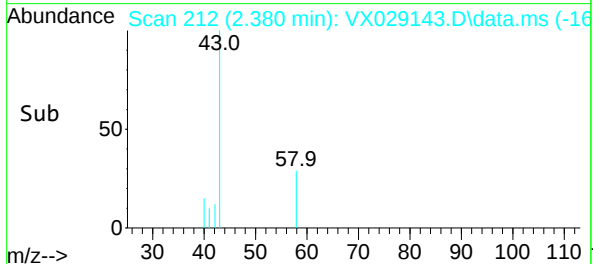
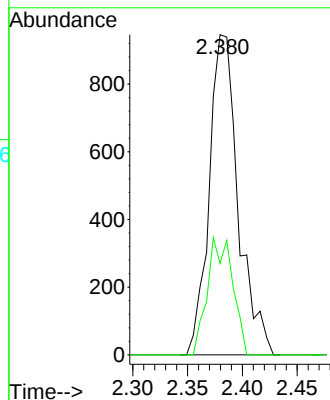
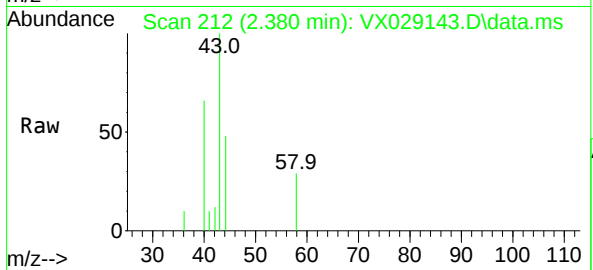




#16
Acetone
Concen: 1.344 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

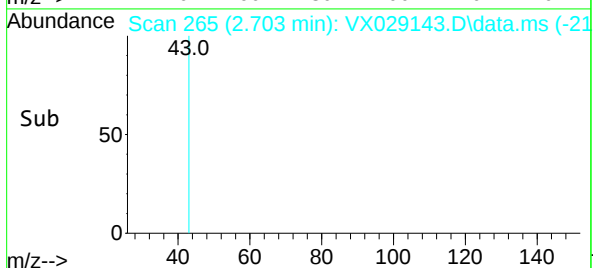
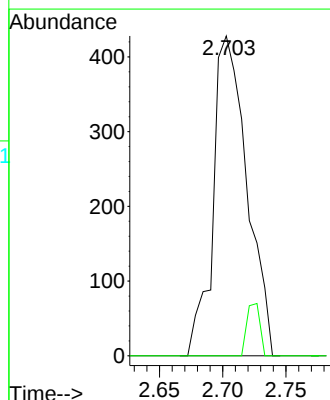
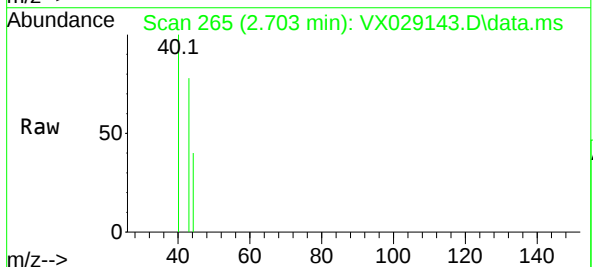
Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL

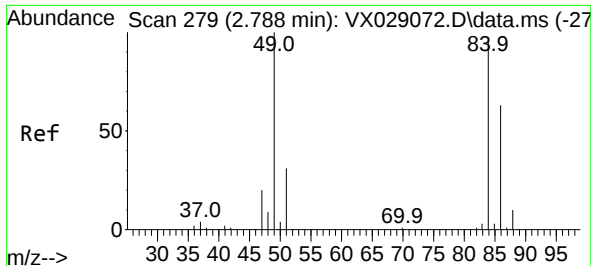
Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
58 28.5 28.8 43.2#



#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

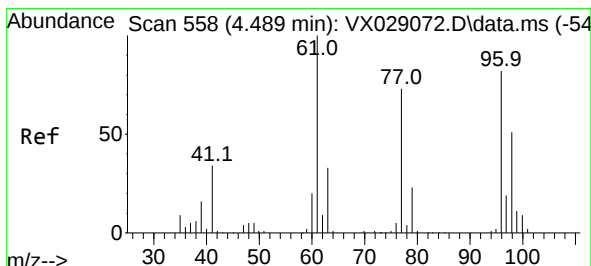
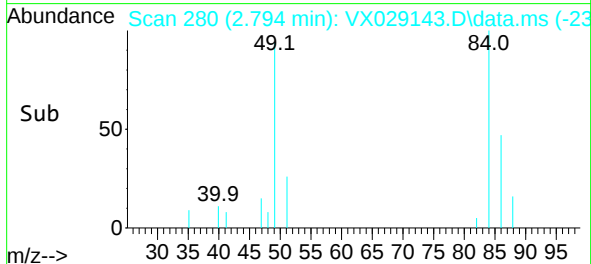
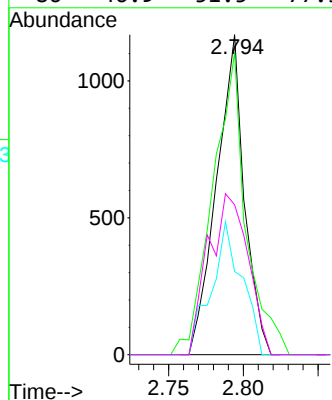
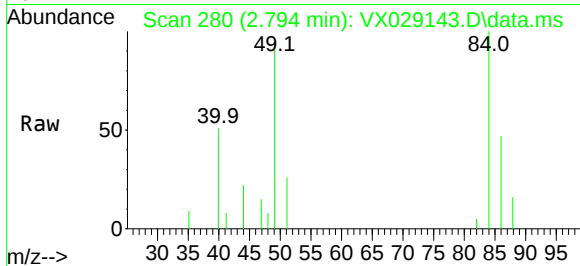




#20
Methylene Chloride
Concen: 0.500 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

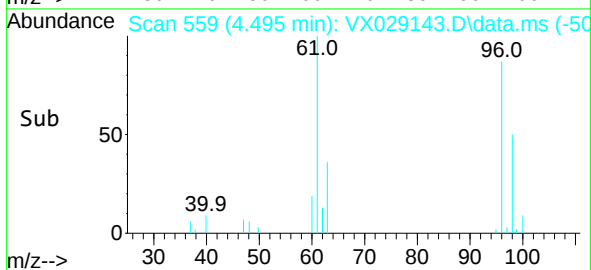
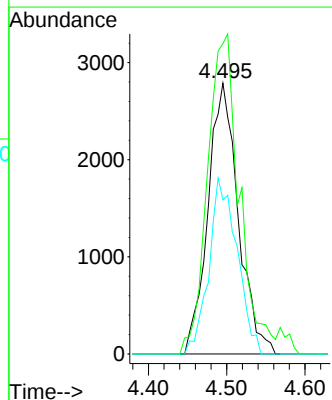
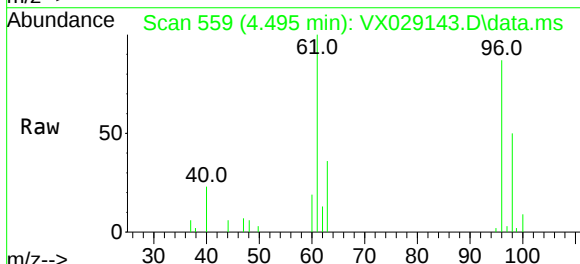
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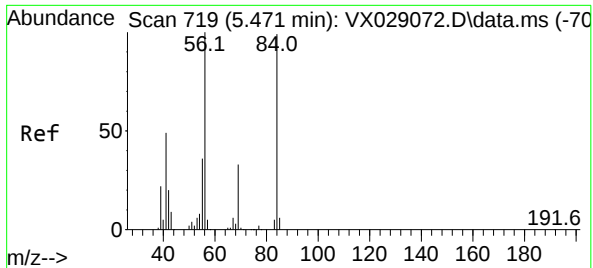
Tgt Ion:	84	Resp:	1513
Ion	Ratio	Lower	Upper
84	100		
49	89.6	85.5	128.3
51	26.0	26.6	39.8#
86	46.9	51.5	77.3#



#27
cis-1,2-Dichloroethene
Concen: 2.116 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion:	96	Resp:	7499
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	283.8
98	60.3	0.0	129.8

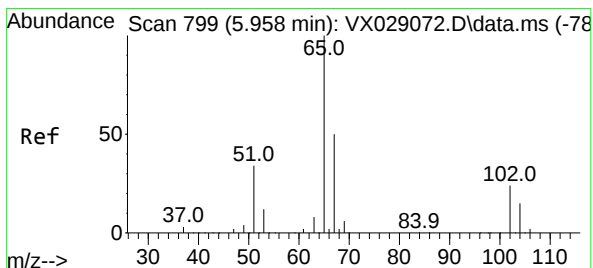
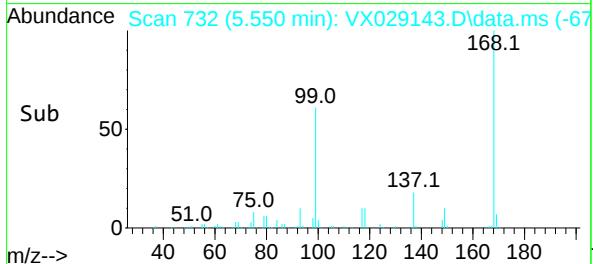
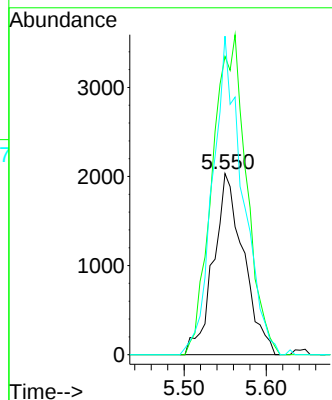
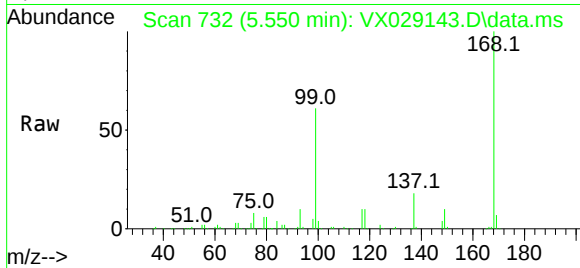




#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

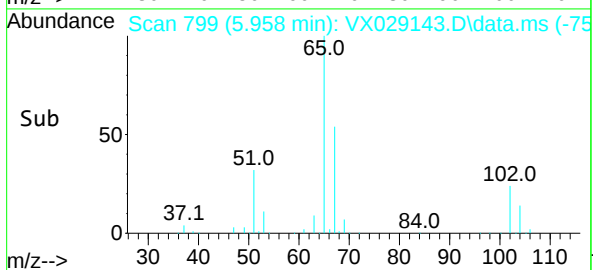
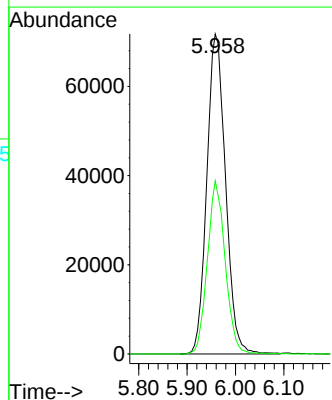
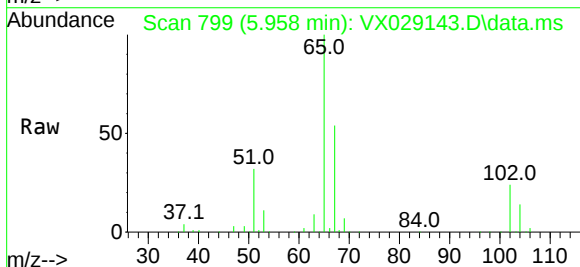
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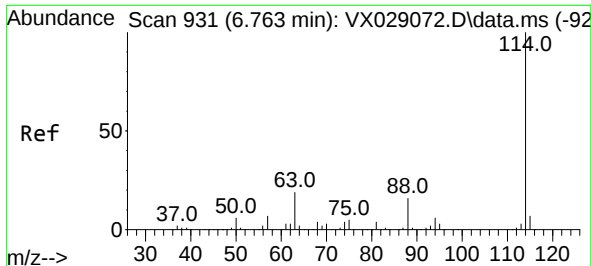
Tgt Ion: 56 Resp: 5159
Ion Ratio Lower Upper
56 100
69 164.6 26.7 40.1#
84 175.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.551 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion: 65 Resp: 192925
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

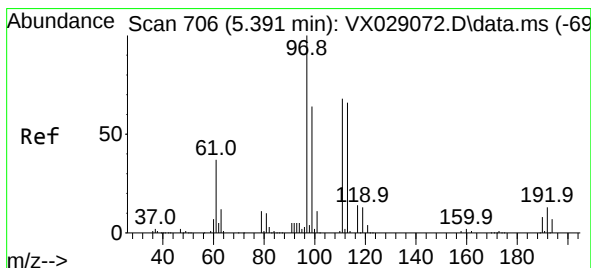
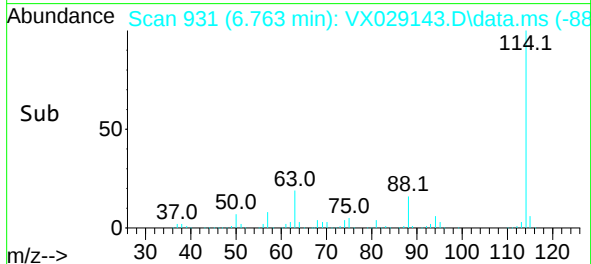
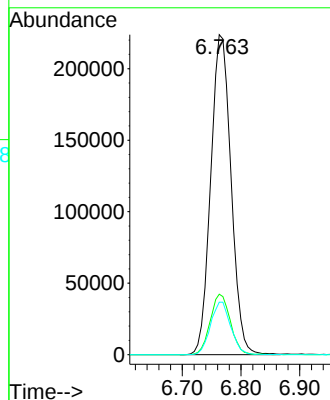
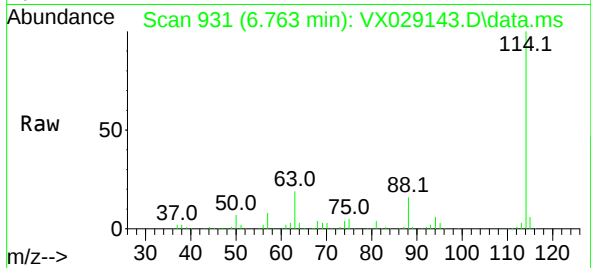




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

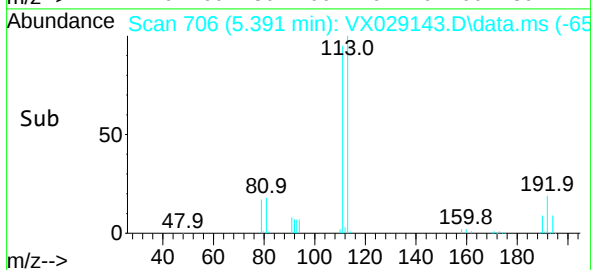
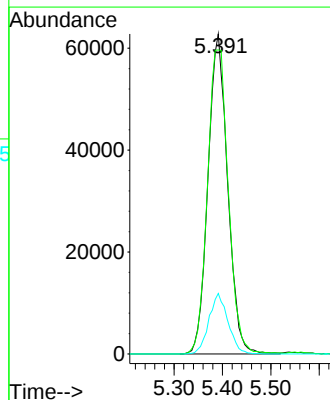
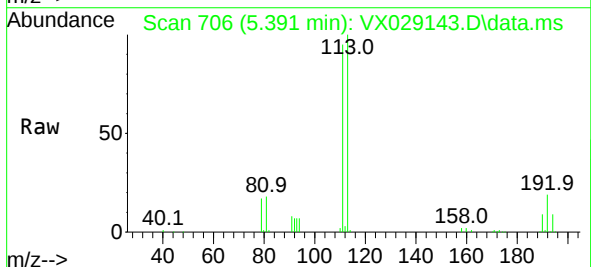
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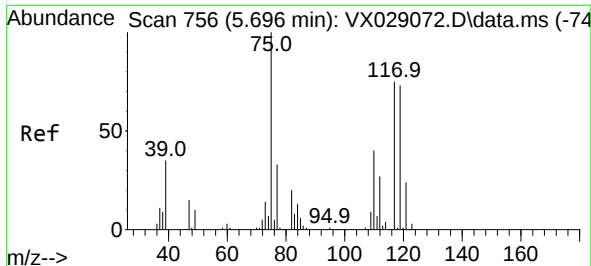
Tgt Ion:114 Resp: 538306
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.496 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion:113 Resp: 176974
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.4 16.9 25.3

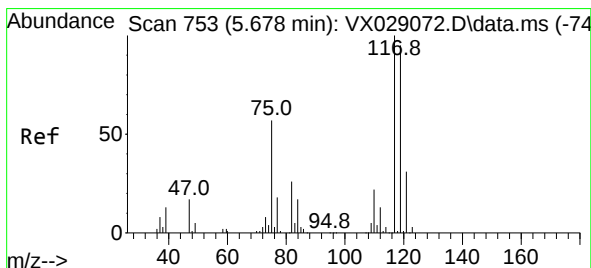
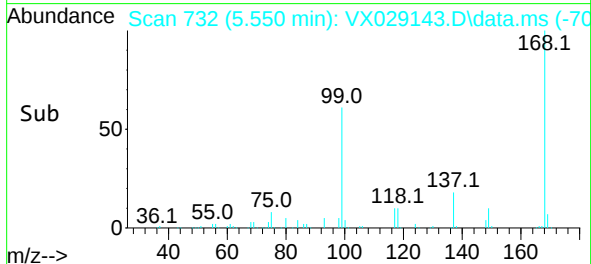
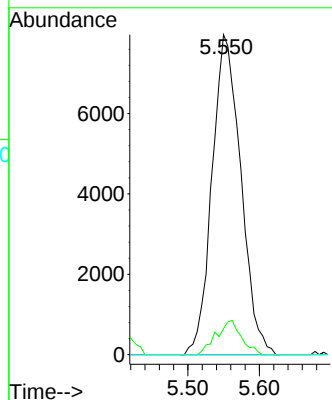
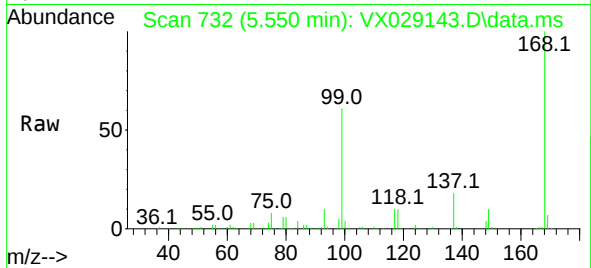




#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

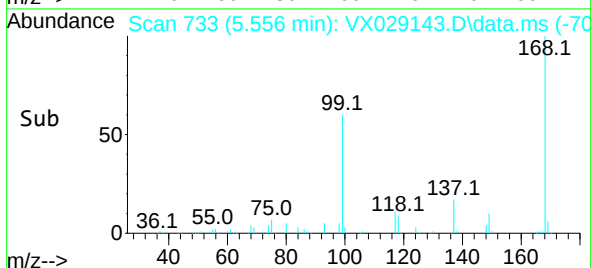
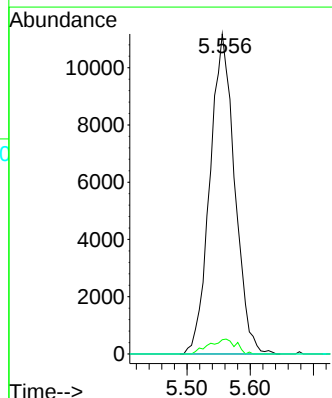
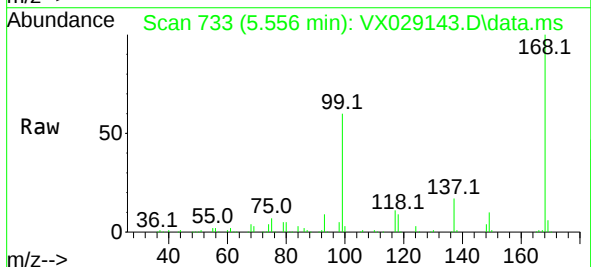
Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL

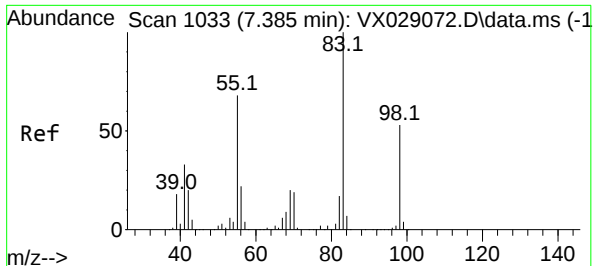
Tgt Ion: 75 Resp: 22244
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.793 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion: 117 Resp: 30460
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.286 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX029143.D

Acq: 02 Jun 2022 18:15

Instrument :

MSVOA_X

ClientSampleId :

08BR-20220525DL

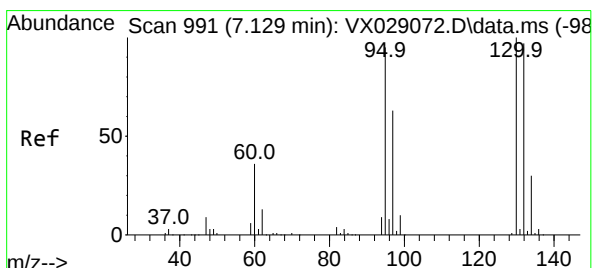
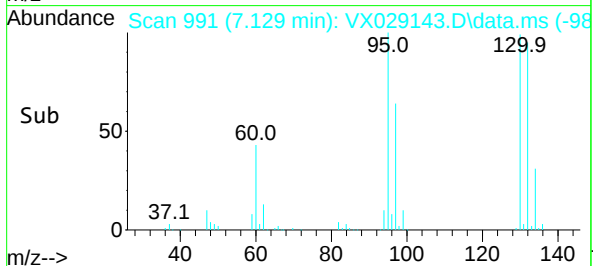
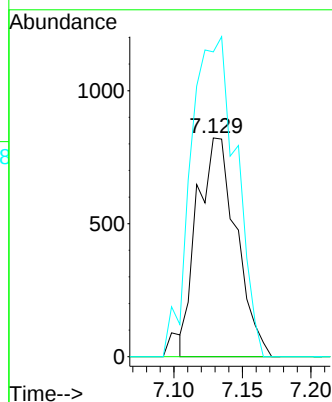
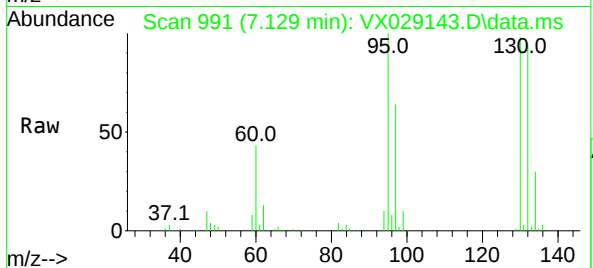
Tgt Ion: 83 Resp: 1629

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 129.7 37.4 56.2#



#44

Trichloroethene

Concen: 29.612 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029143.D

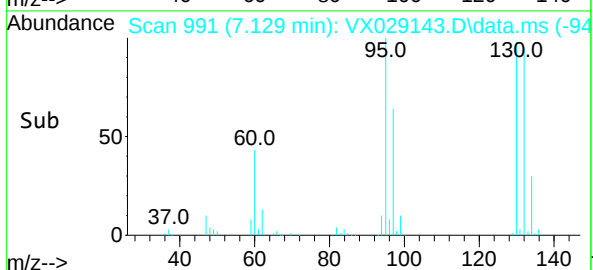
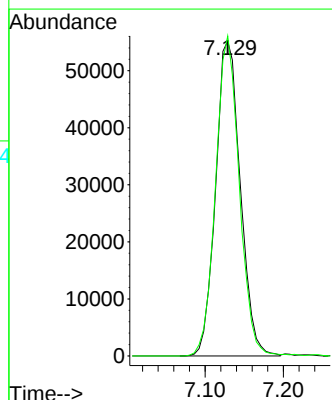
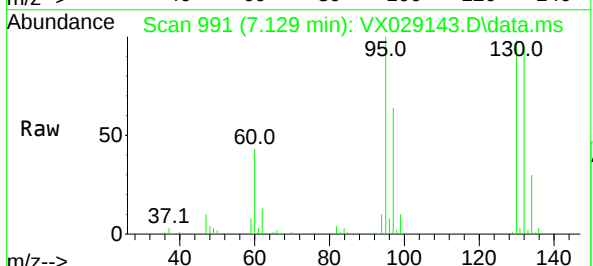
Acq: 02 Jun 2022 18:15

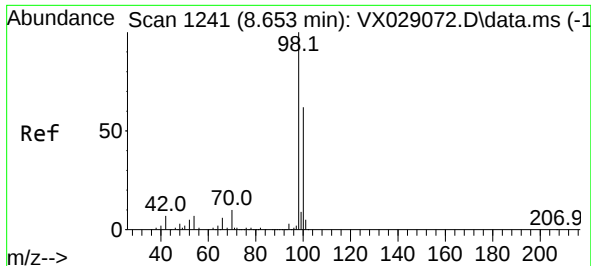
Tgt Ion:130 Resp: 120777

Ion Ratio Lower Upper

130 100

95 101.6 0.0 188.8

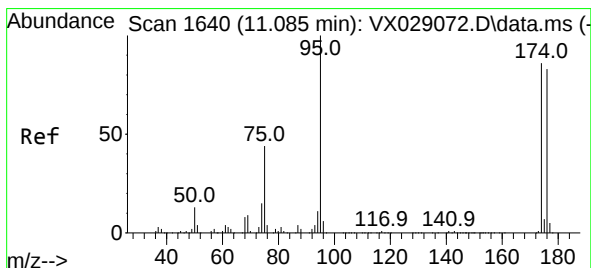
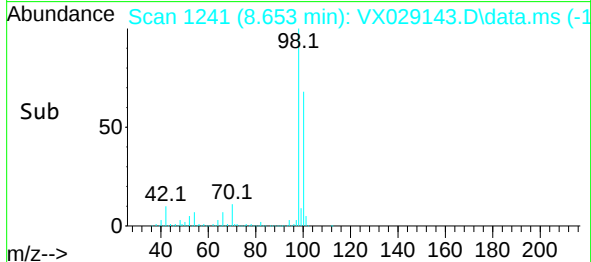
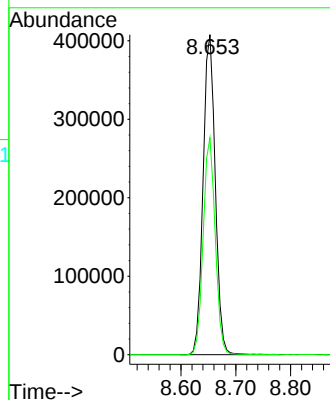
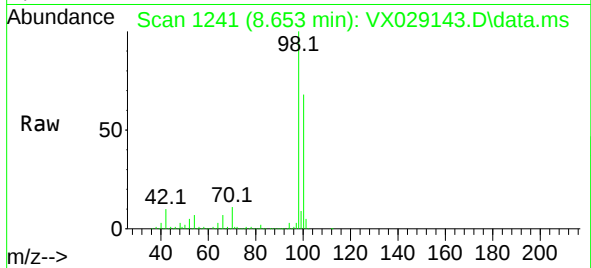




#50
Toluene-d8
Concen: 48.016 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

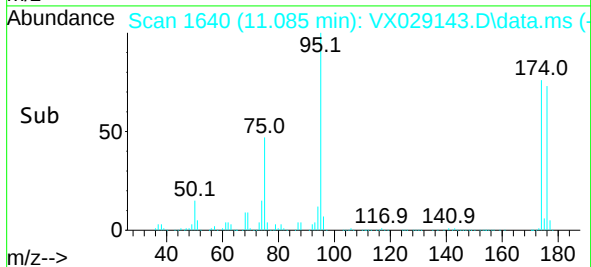
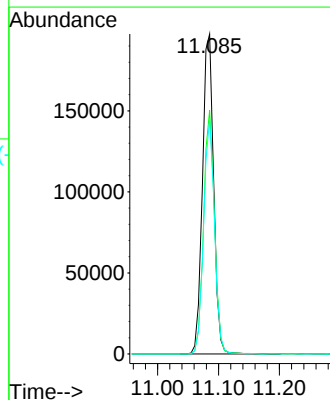
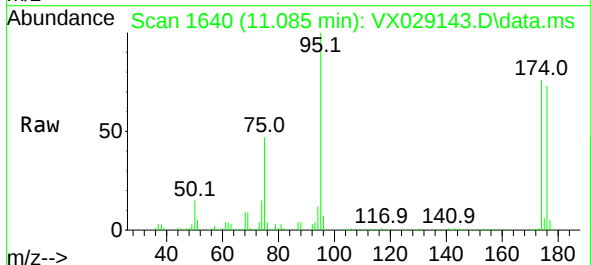
Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL

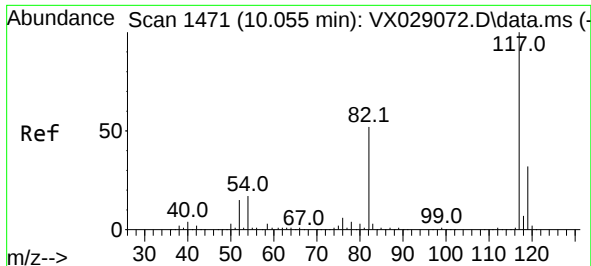
Tgt Ion: 98 Resp: 627924
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.967 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion: 95 Resp: 252584
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 71.5 0.0 155.0

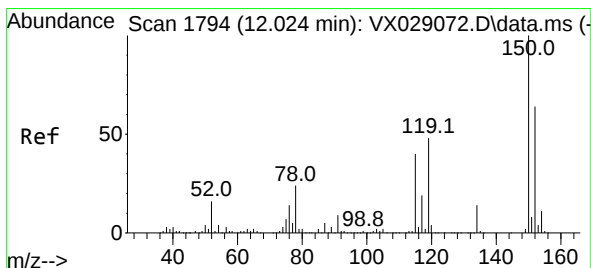
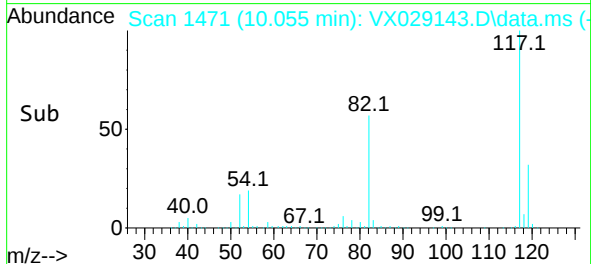
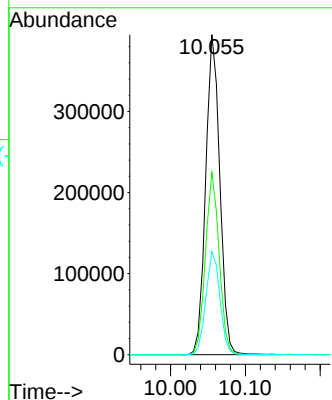
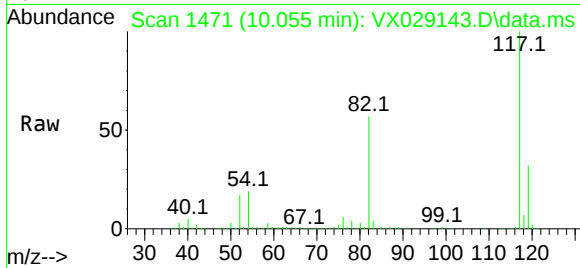




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

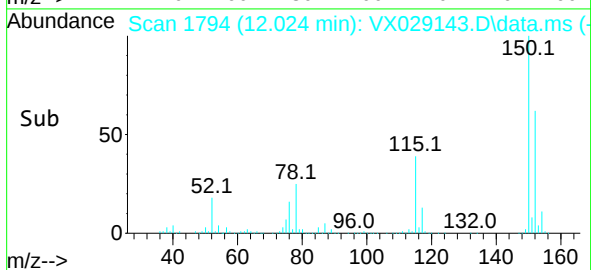
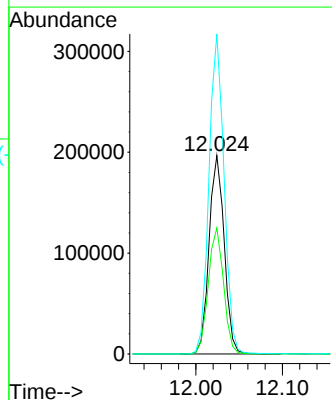
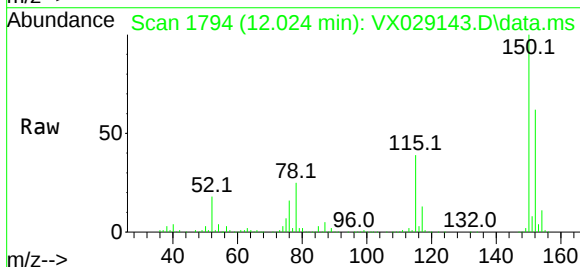
Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL

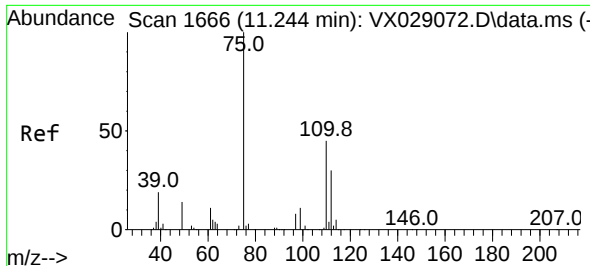
Tgt Ion:117 Resp: 518383
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion:152 Resp: 239518
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 159.8 0.0 338.2

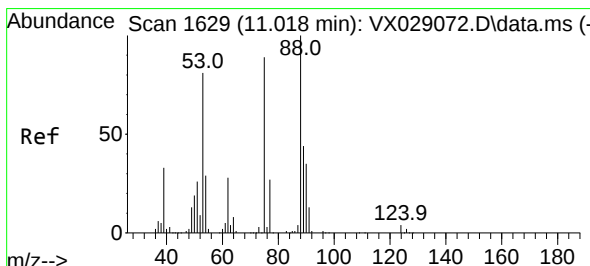
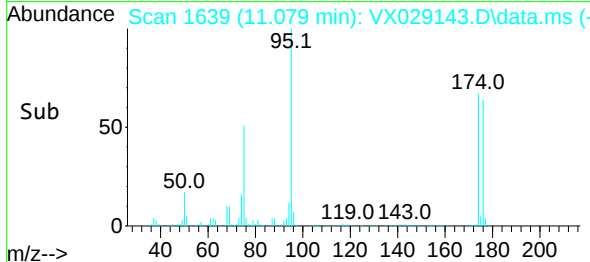
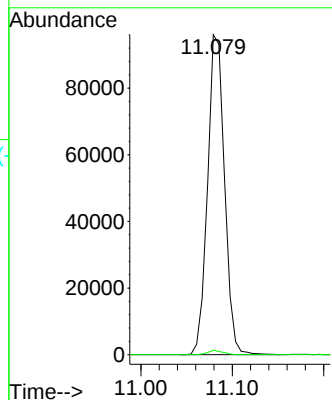
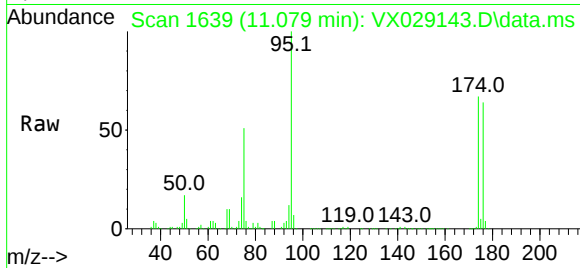




#76
1,2,3-Trichloropropane
Concen: 25.465 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Instrument :
MSVOA_X
ClientSampleId :
08BR-20220525DL

Tgt Ion: 75 Resp: 123644
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029143.D
Acq: 02 Jun 2022 18:15

Tgt Ion: 75 Resp: 123644
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

