

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029185.D
 Acq On : 03 Jun 2022 13:19
 Operator : JC/MD
 Sample : N3164-02DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 07BR-20220531DL

Quant Time: Jun 06 02:34:32 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

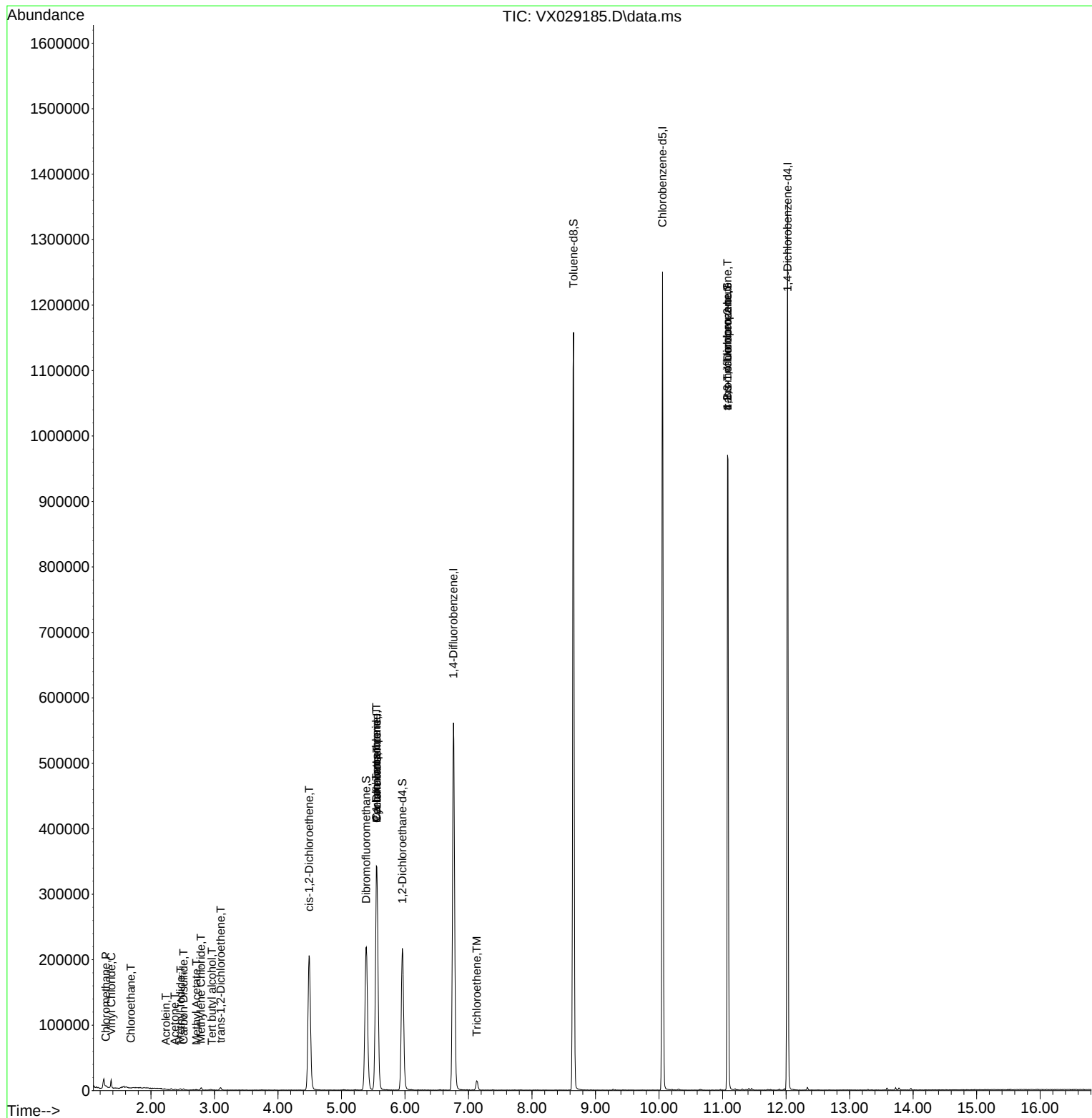
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	330959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	601171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	277431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207328	55.554	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.100%
35) Dibromofluoromethane	5.385	113	200055	50.100	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.200%
50) Toluene-d8	8.653	98	709314	48.568	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	284346	50.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.740%
Target Compounds						Qvalue
3) Chloromethane	1.288	50	717	0.238	ug/l	89
4) Vinyl Chloride	1.374	62	7437	2.246	ug/l	96
5) Bromomethane	1.611	94	1292	Below Cal	#	71
6) Chloroethane	1.685	64	377	1.531	ug/l #	43
10) Methyl Iodide	2.465	142	1915	4.696	ug/l	100
11) Tert butyl alcohol	2.959	59	453	0.524	ug/l #	72
13) Acrolein	2.233	56	117	0.299	ug/l #	61
16) Acetone	2.373	43	1259	0.857	ug/l #	86
17) Carbon Disulfide	2.514	76	2026	0.248	ug/l #	89
18) Methyl Acetate	2.715	43	783	0.206	ug/l #	77
20) Methylene Chloride	2.788	84	1403	0.409	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	1586	0.471	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	141482	35.253	ug/l	86
31) Cyclohexane	5.556	56	6139	1.265	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25073	4.880	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33630	5.727	ug/l #	16
44) Trichloroethene	7.129	130	5878	0.609	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	134562	23.926	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	134562	70.195	ug/l #	15
94) Hexachlorobutadiene	13.725	225	684	Below Cal		84

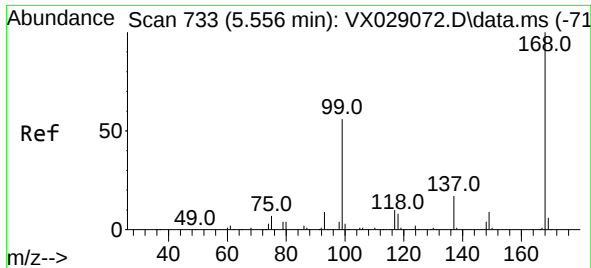
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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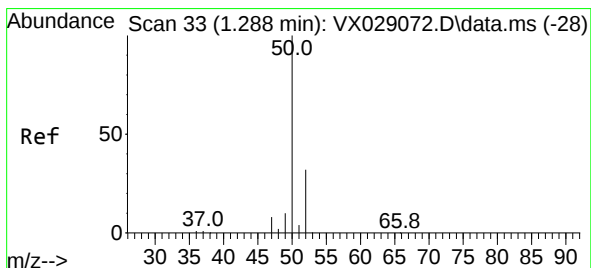
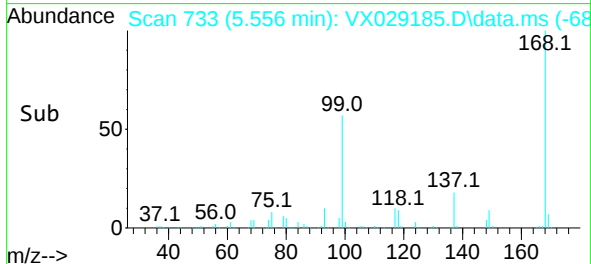
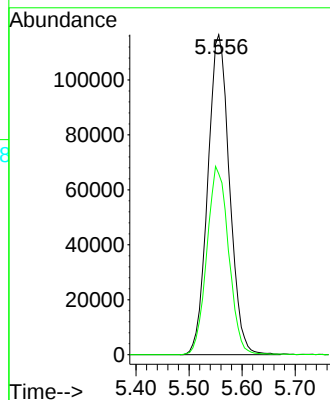
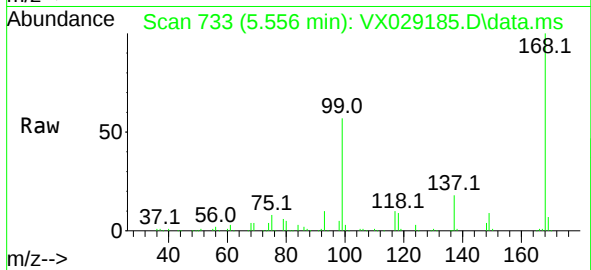




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

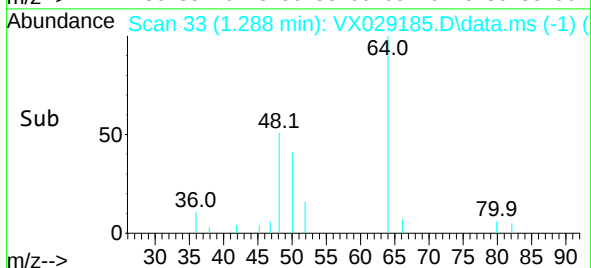
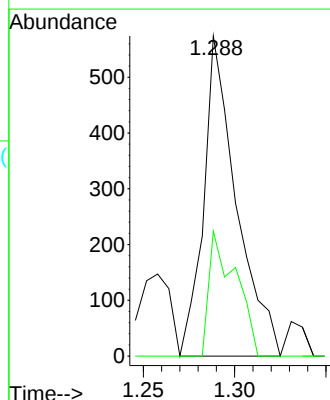
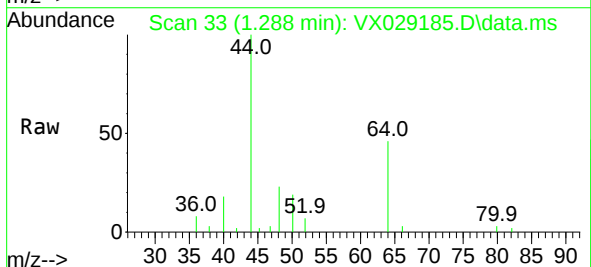
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

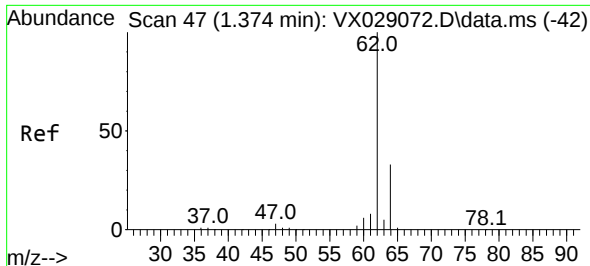
Tgt Ion:168 Resp: 330959
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 50 Resp: 717
Ion Ratio Lower Upper
50 100
52 39.0 26.4 39.6

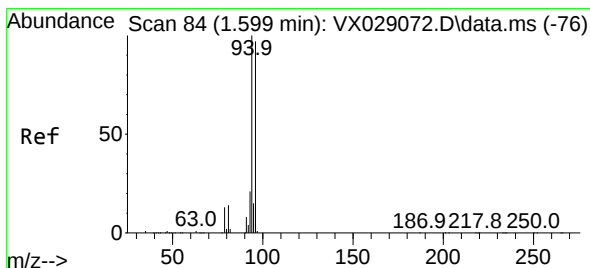
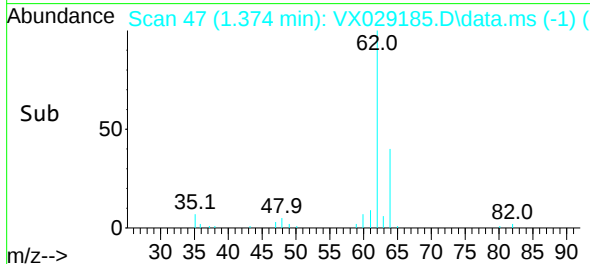
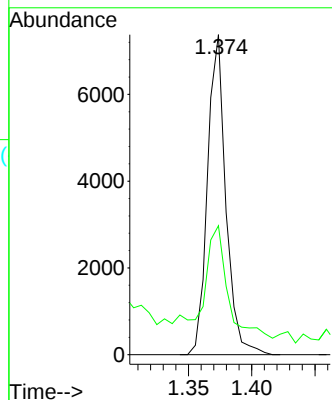
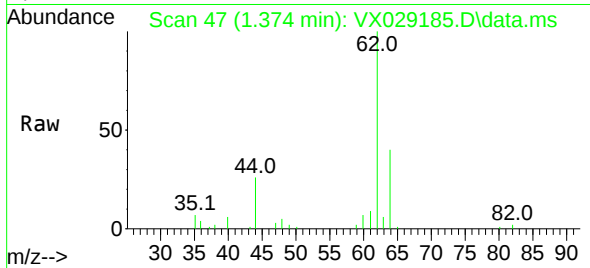




#4
 Vinyl Chloride
 Concen: 2.246 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029185.D
 Acq: 03 Jun 2022 13:19

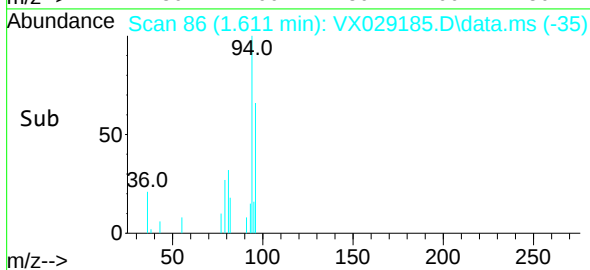
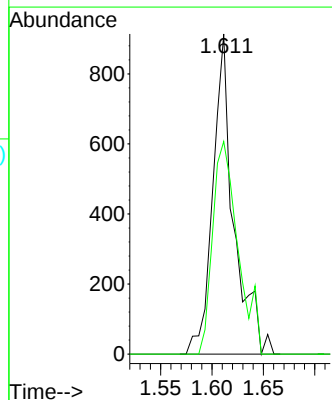
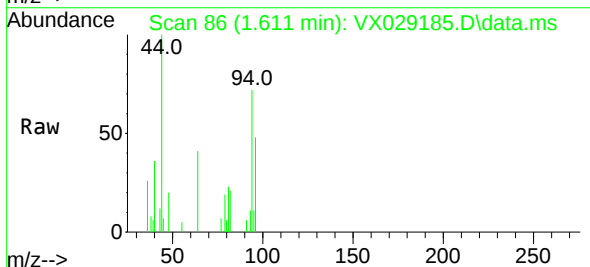
Instrument :
 MSVOA_X
 ClientSampleId :
 07BR-20220531DL

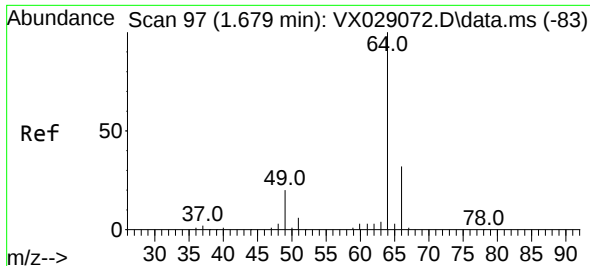
Tgt Ion: 62 Resp: 7437
 Ion Ratio Lower Upper
 62 100
 64 33.9 25.5 38.3



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX029185.D
 Acq: 03 Jun 2022 13:19

Tgt Ion: 94 Resp: 1292
 Ion Ratio Lower Upper
 94 100
 96 66.4 75.3 112.9#

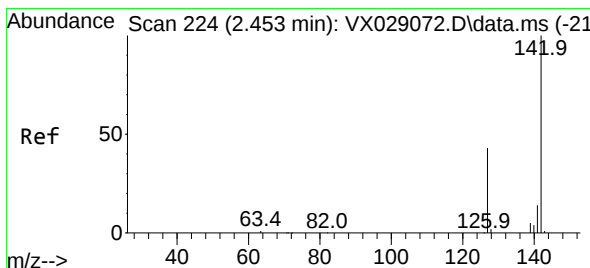
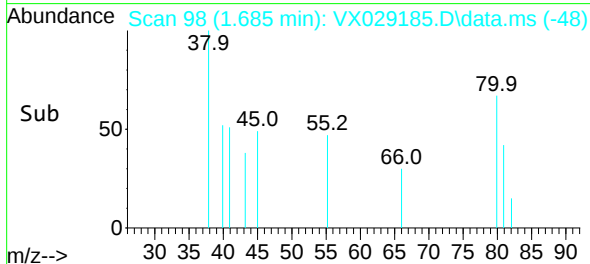
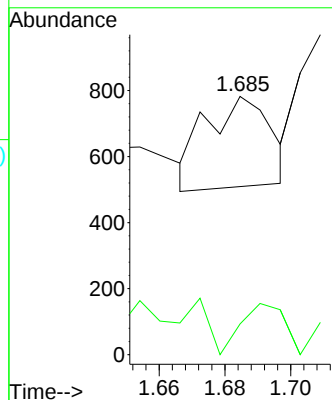
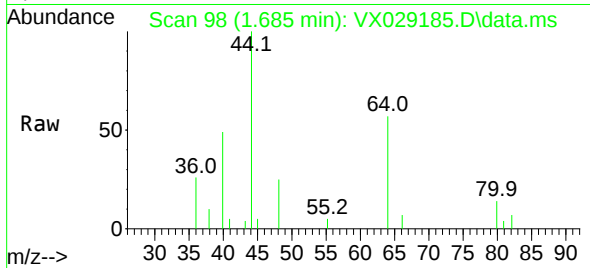




#6
Chloroethane
Concen: 1.531 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

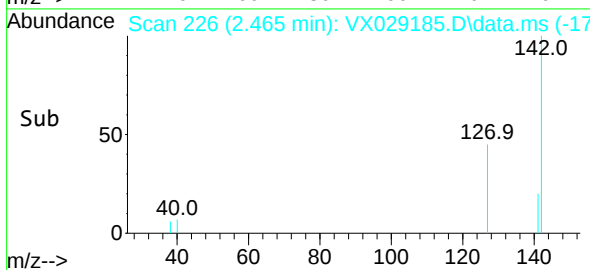
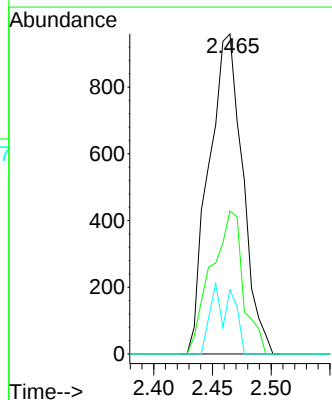
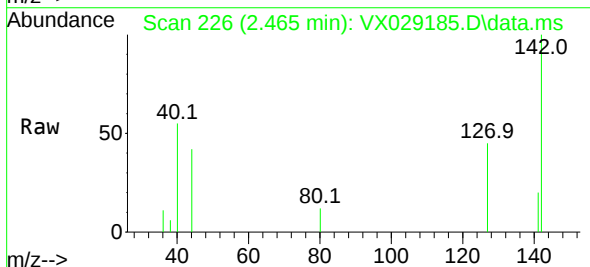
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

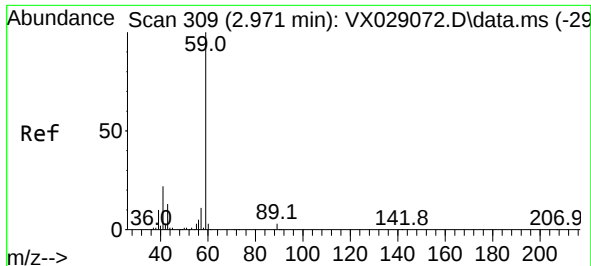
Tgt Ion: 64 Resp: 377
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.696 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 142 Resp: 1915
Ion Ratio Lower Upper
142 100
127 42.4 33.9 50.9
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 0.524 ug/l

RT: 2.959 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX029185.D

Acq: 03 Jun 2022 13:19

Instrument :

MSVOA_X

ClientSampleId :

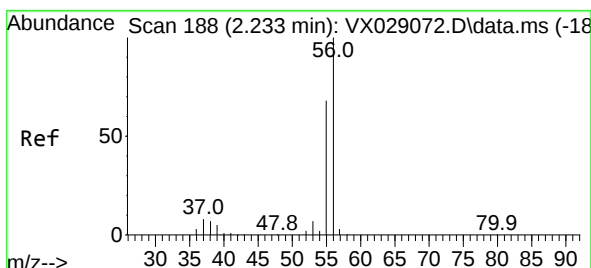
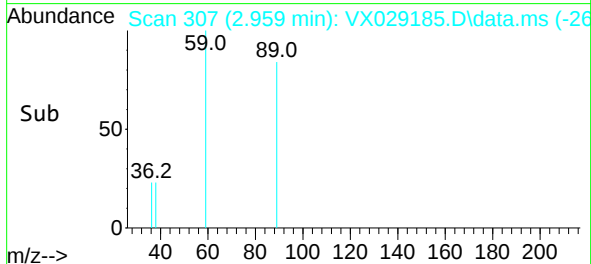
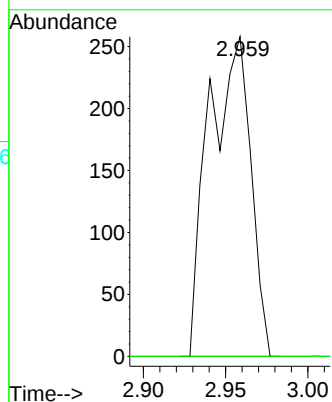
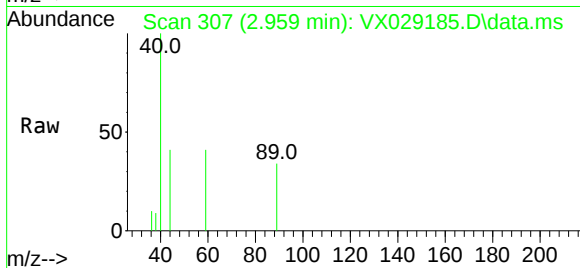
07BR-20220531DL

Tgt Ion: 59 Resp: 453

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.299 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX029185.D

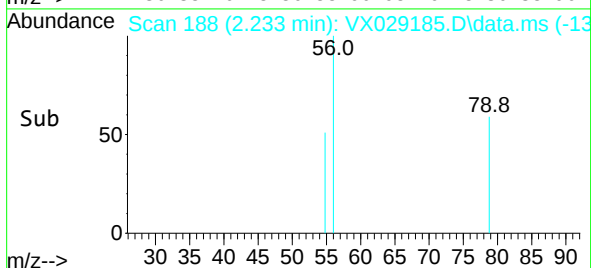
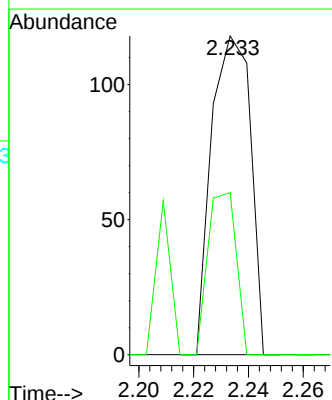
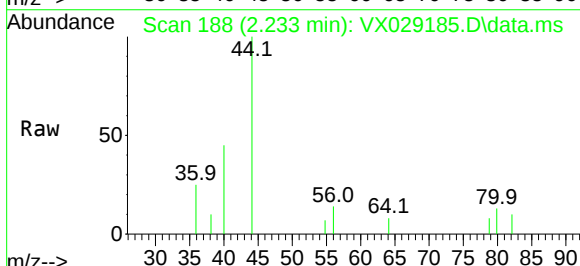
Acq: 03 Jun 2022 13:19

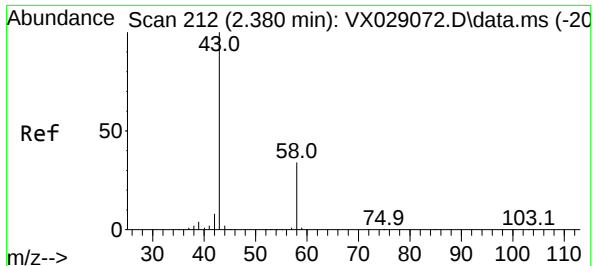
Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

55 36.8 55.0 82.6#

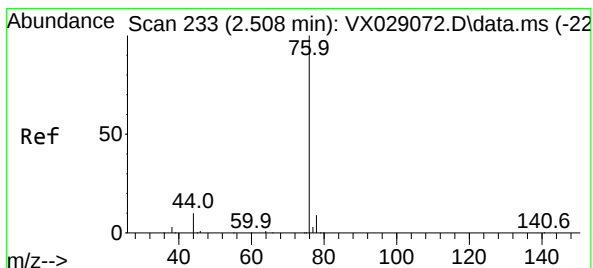
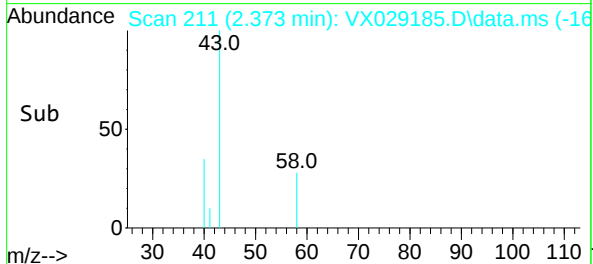
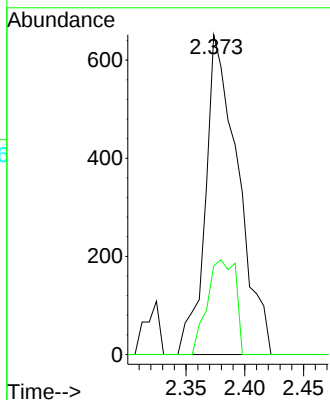
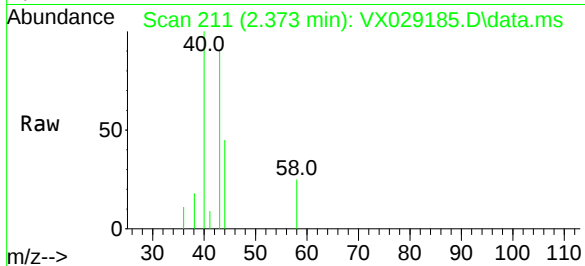




#16
Acetone
Concen: 0.857 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

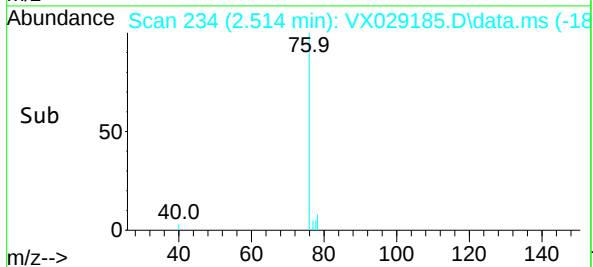
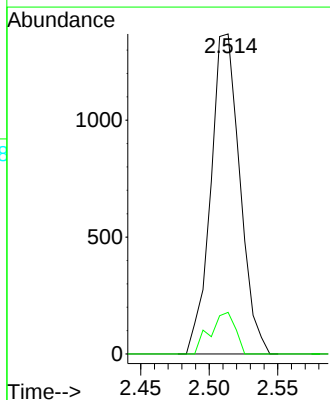
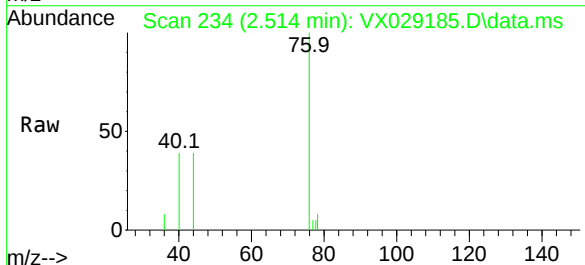
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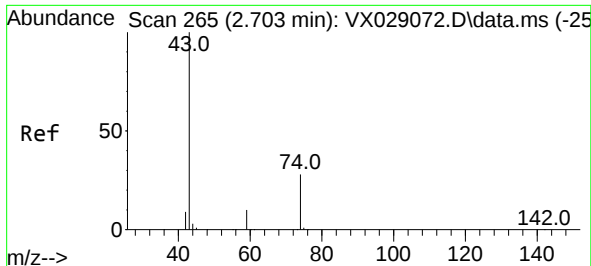
Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 27.8 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 76 Resp: 2026
Ion Ratio Lower Upper
76 100
78 13.0 7.2 10.8#

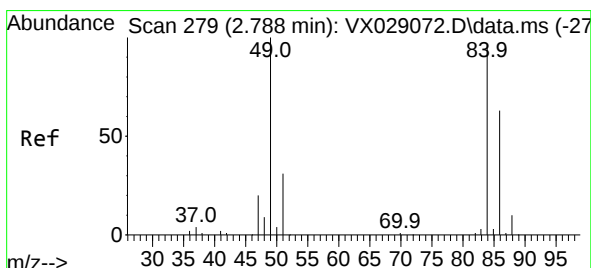
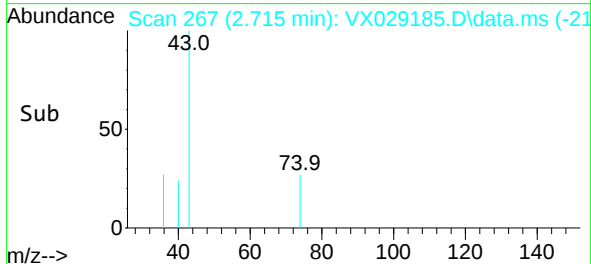
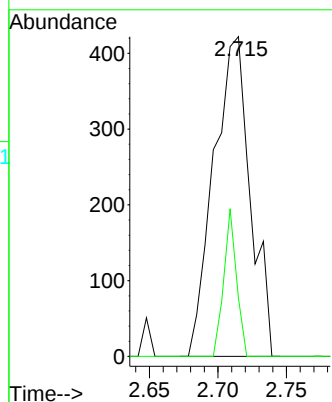
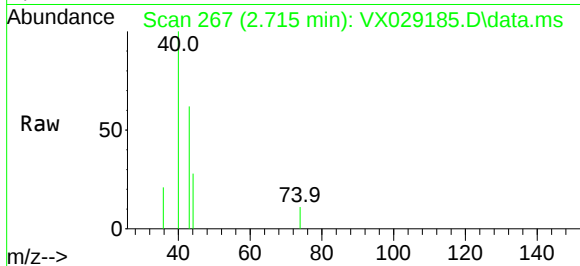




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

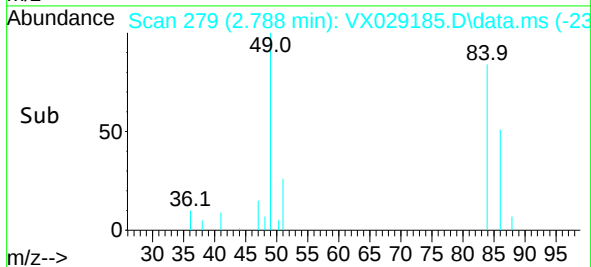
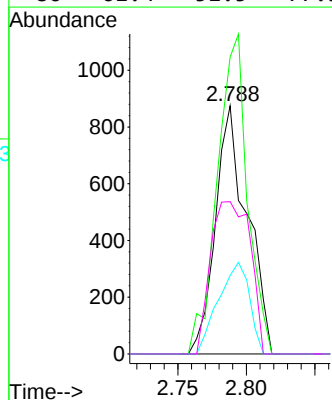
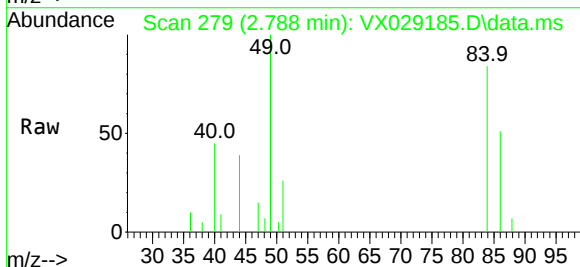
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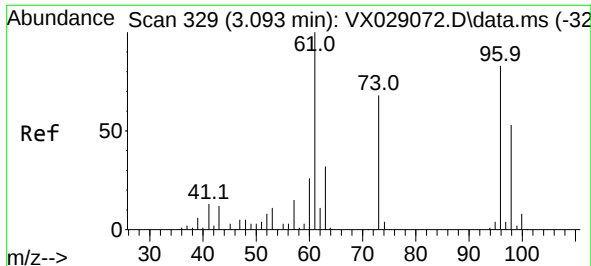
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
74 16.1 22.8 34.2#



#20
Methylene Chloride
Concen: 0.409 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 84 Resp: 1403
Ion Ratio Lower Upper
84 100
49 119.5 85.5 128.3
51 31.5 26.6 39.8
86 61.4 51.5 77.3

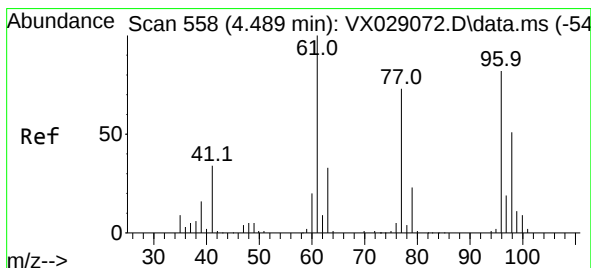
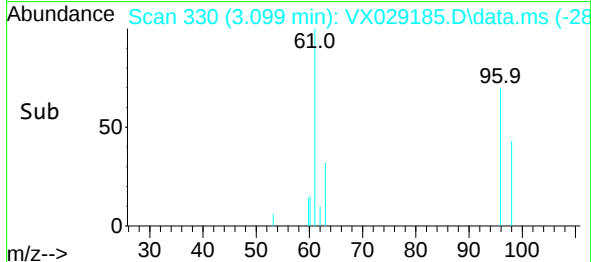
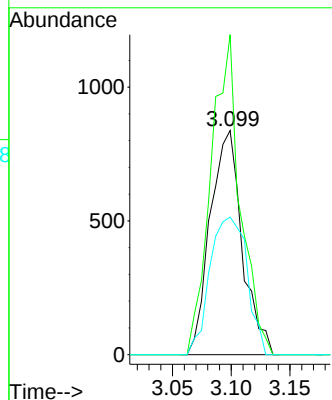
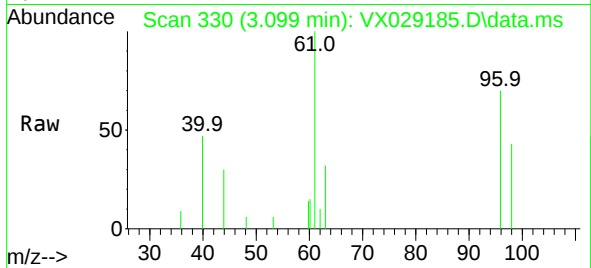




#21
trans-1,2-Dichloroethene
Concen: 0.471 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

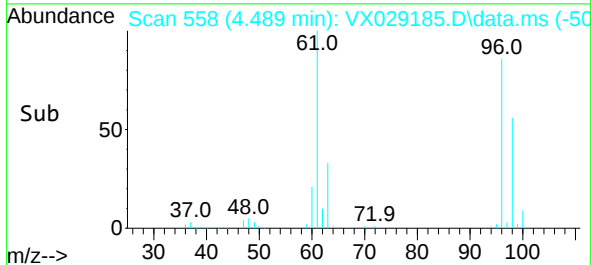
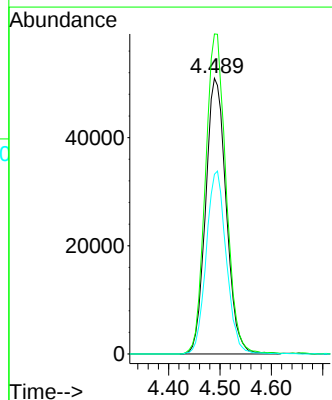
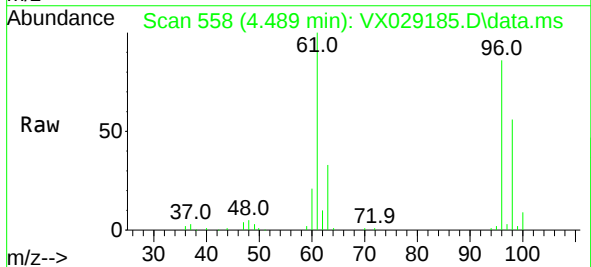
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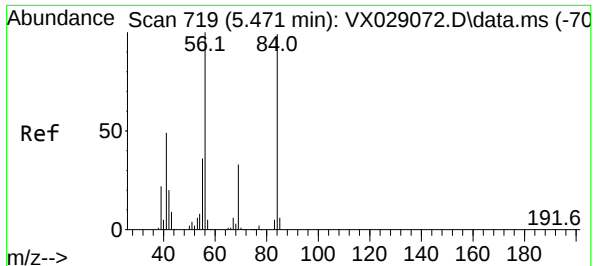
Tgt Ion: 96 Resp: 1586
Ion Ratio Lower Upper
96 100
61 142.7 105.4 158.2
98 61.3 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 35.253 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 96 Resp: 141482
Ion Ratio Lower Upper
96 100
61 116.6 0.0 283.8
98 64.8 0.0 129.8

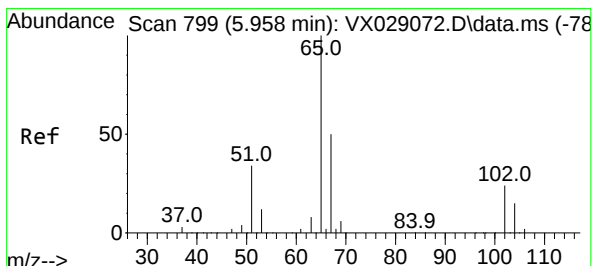
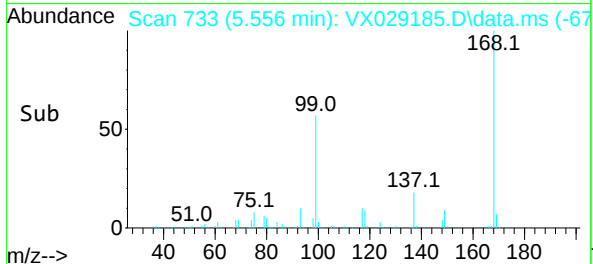
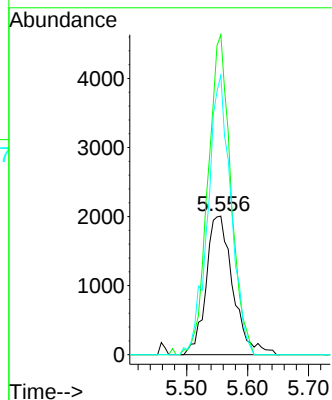
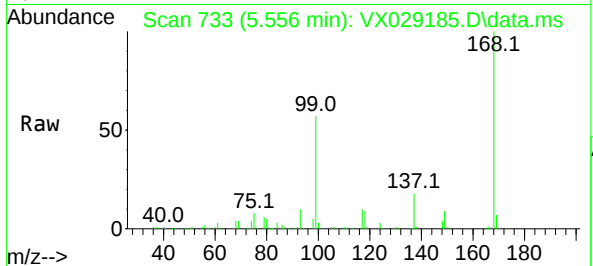




#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

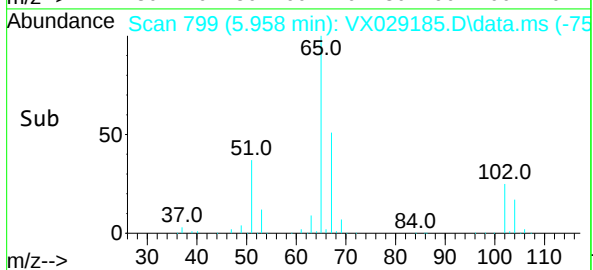
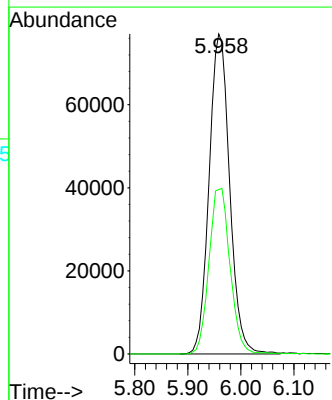
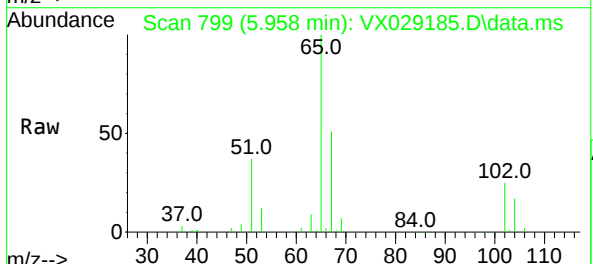
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

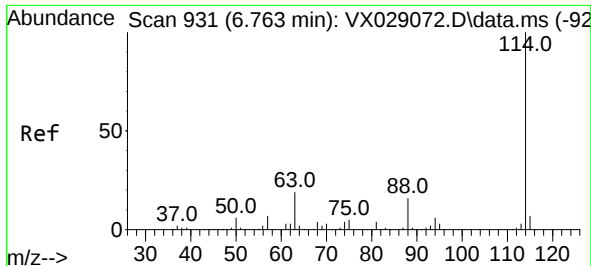
Tgt Ion: 56 Resp: 6139
Ion Ratio Lower Upper
56 100
69 231.0 26.7 40.1#
84 201.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.554 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 65 Resp: 207328
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4

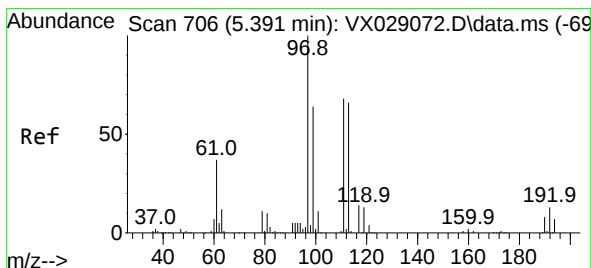
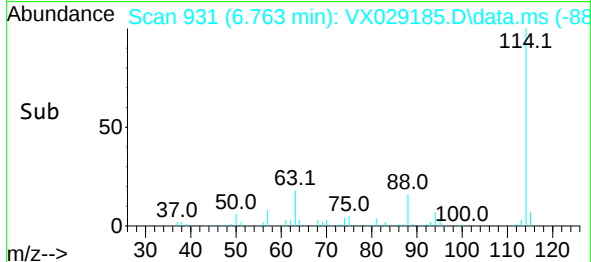
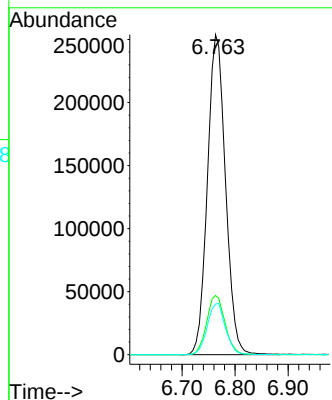
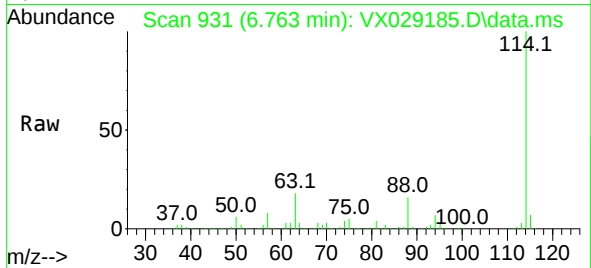




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

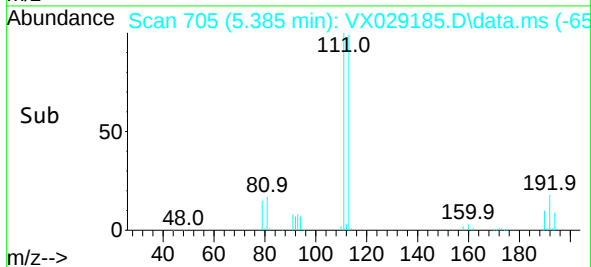
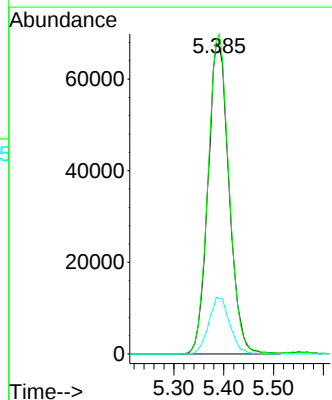
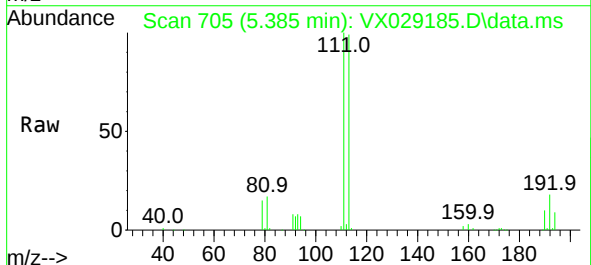
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

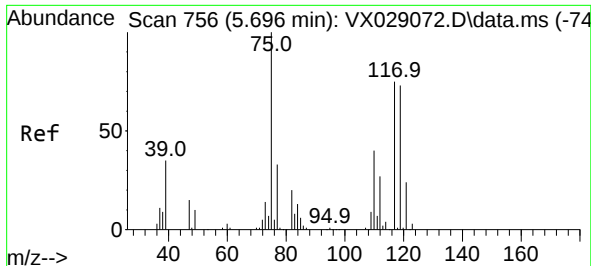
Tgt Ion:114 Resp: 601171
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.100 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion:113 Resp: 200055
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.1 16.9 25.3

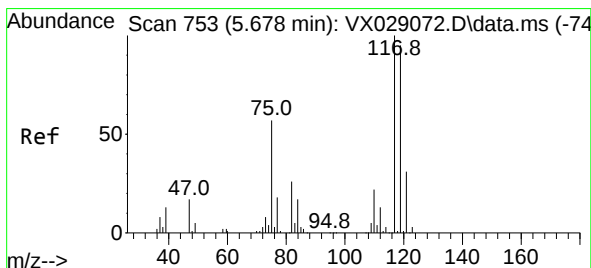
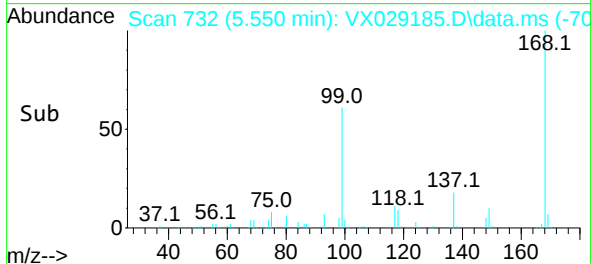
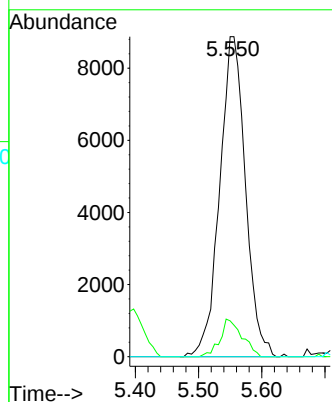
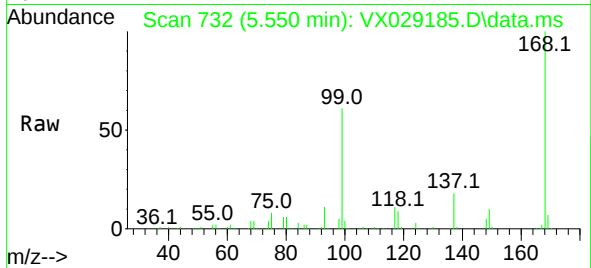




#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

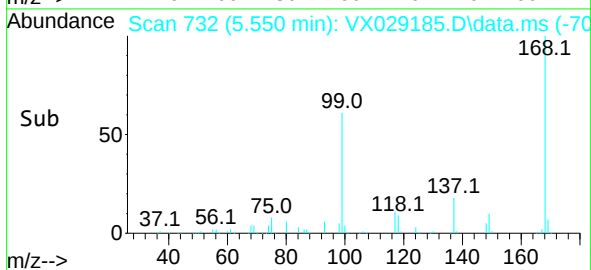
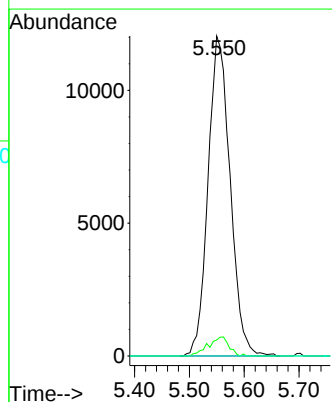
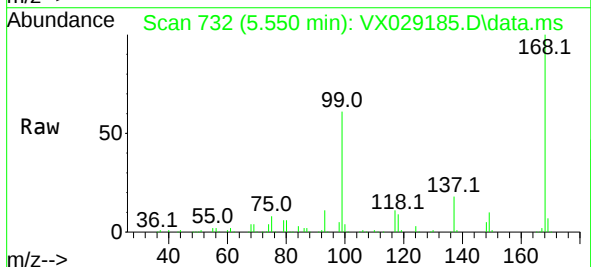
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

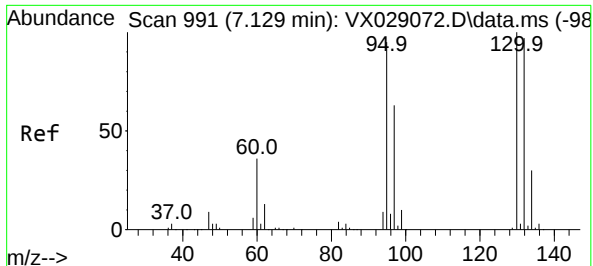
Tgt Ion: 75 Resp: 25073
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 117 Resp: 33630
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#

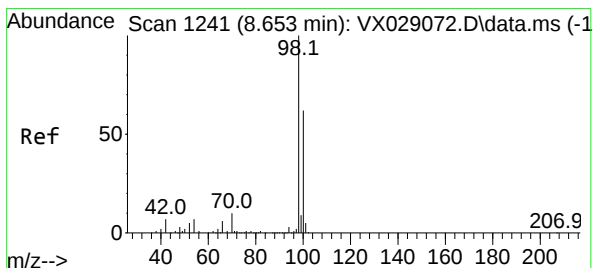
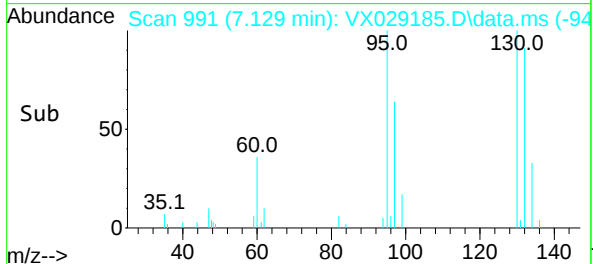
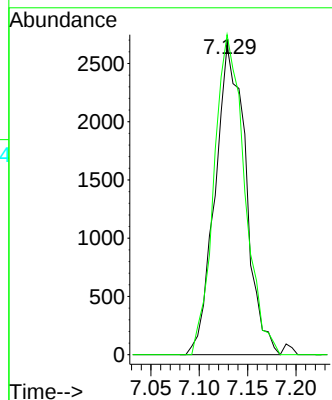
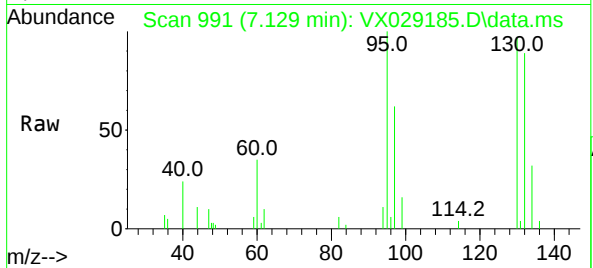




#44
Trichloroethene
Concen: 0.609 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

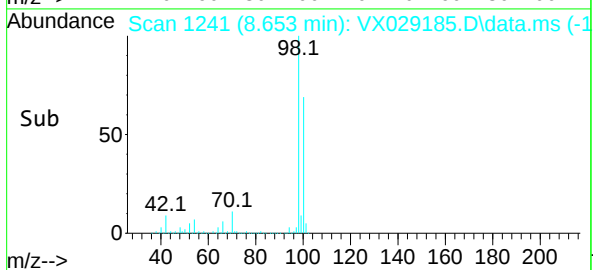
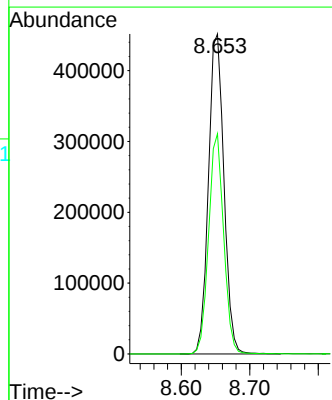
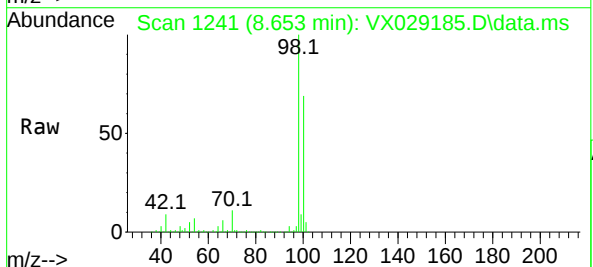
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

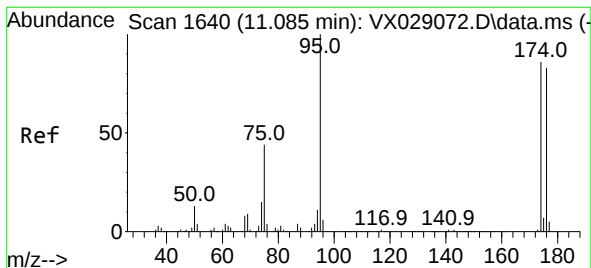
Tgt Ion:130 Resp: 5878
Ion Ratio Lower Upper
130 100
95 103.4 0.0 188.8



#50
Toluene-d8
Concen: 48.568 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 98 Resp: 709314
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

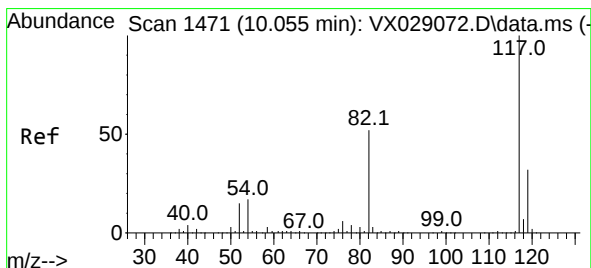
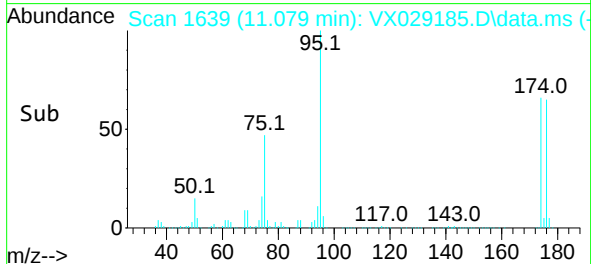
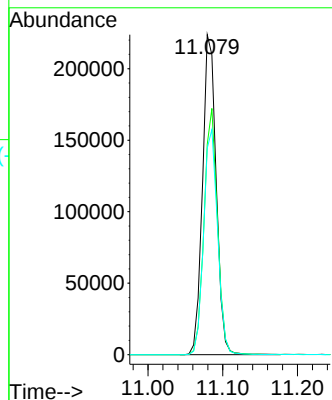
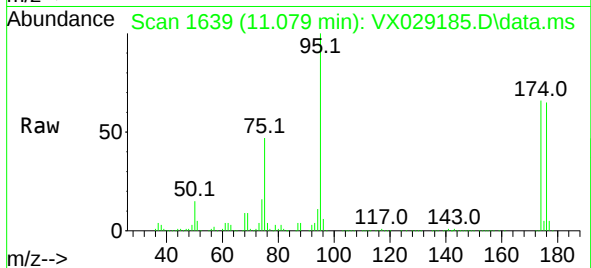




#62
4-Bromofluorobenzene
Concen: 50.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

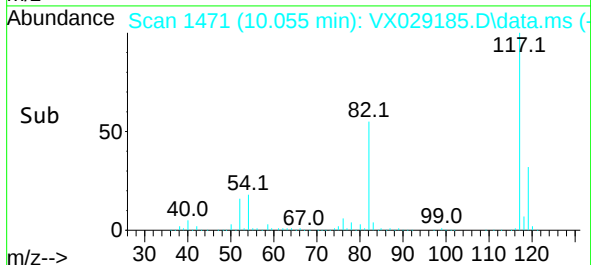
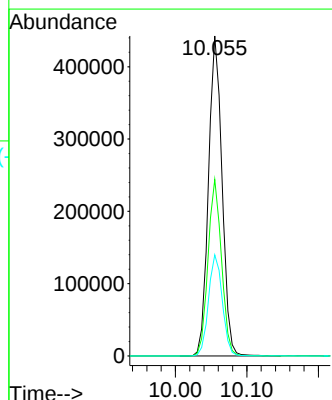
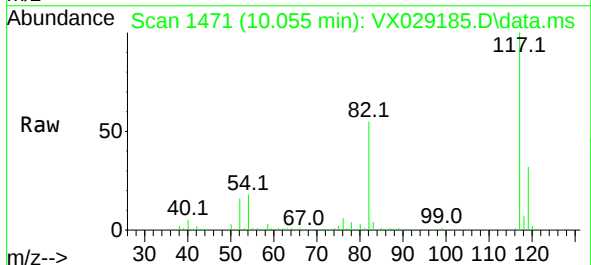
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

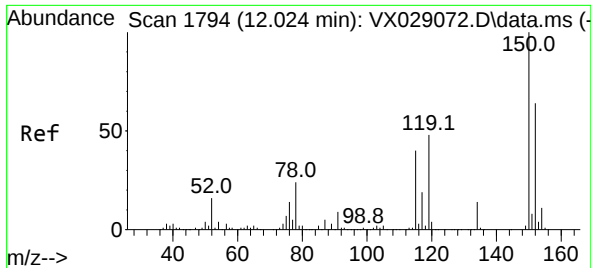
Tgt Ion: 95 Resp: 284346
Ion Ratio Lower Upper
95 100
174 75.3 0.0 163.0
176 71.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 117 Resp: 584581
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 31.6 24.8 37.2

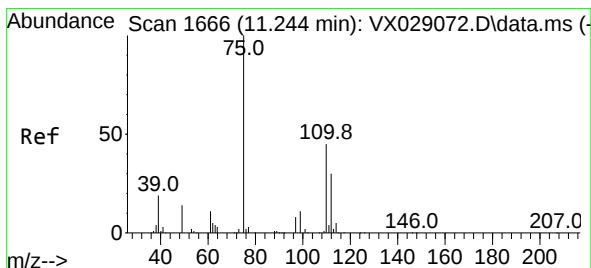
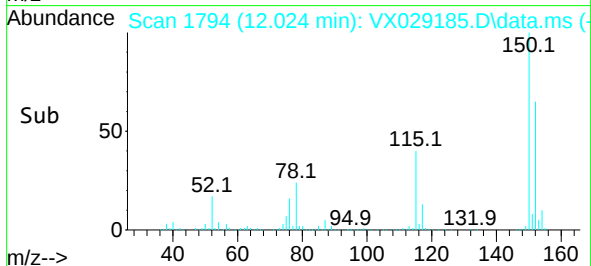
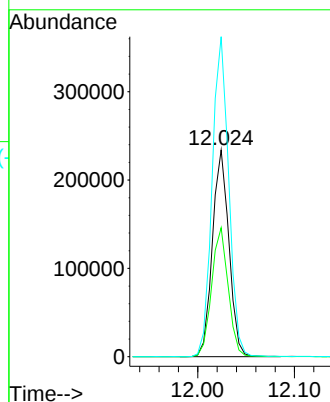
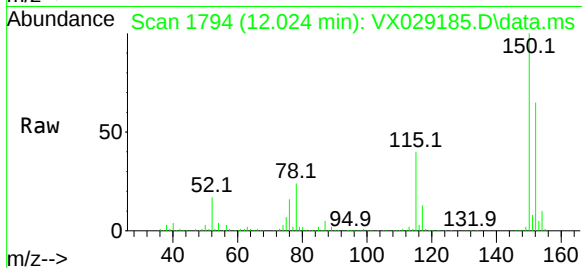




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

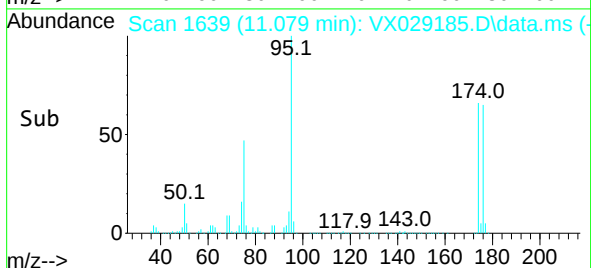
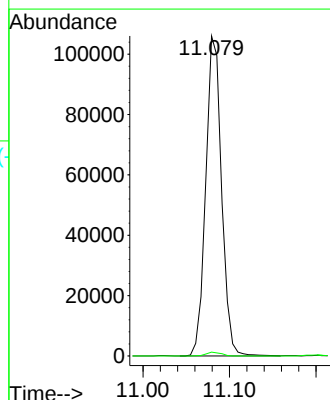
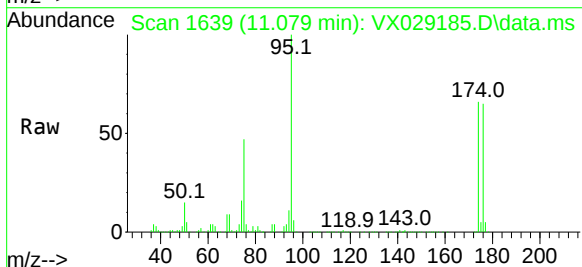
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

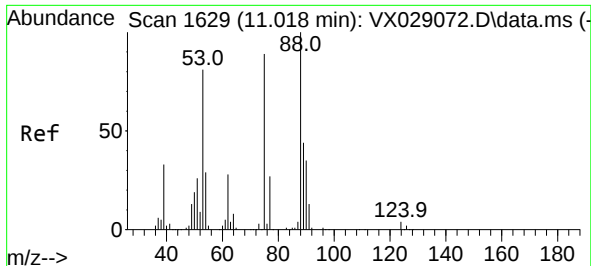
Tgt Ion:152 Resp: 277431
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 155.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 75 Resp: 134562
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

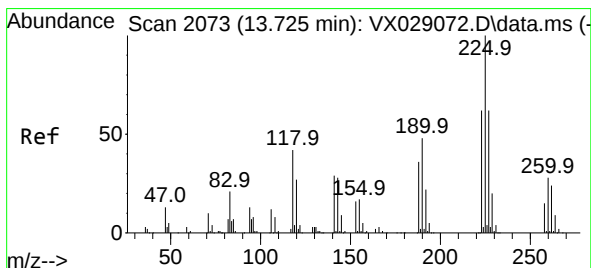
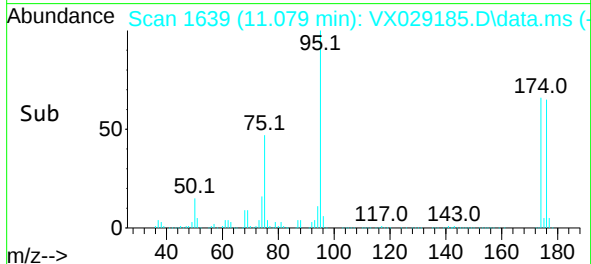
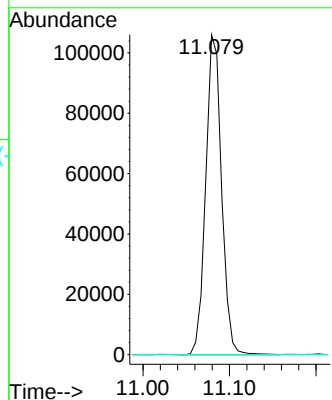
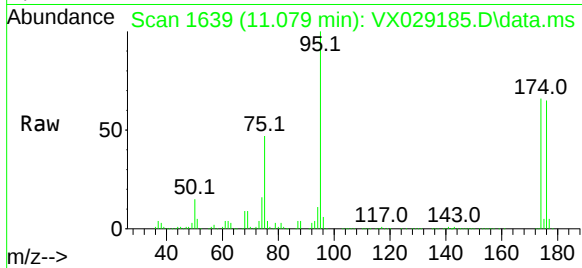




#81
trans-1,4-Dichloro-2-butene
Concen: 70.195 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531DL

Tgt Ion: 75 Resp: 134562
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029185.D
Acq: 03 Jun 2022 13:19

Tgt Ion: 225 Resp: 684
Ion Ratio Lower Upper
225 100
223 67.5 34.2 102.5
227 43.4 33.9 101.7

