

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029004.D
 Acq On : 26 May 2022 17:12
 Operator : JC/MD
 Sample : N3030-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34S-20220524

Quant Time: May 27 07:35:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

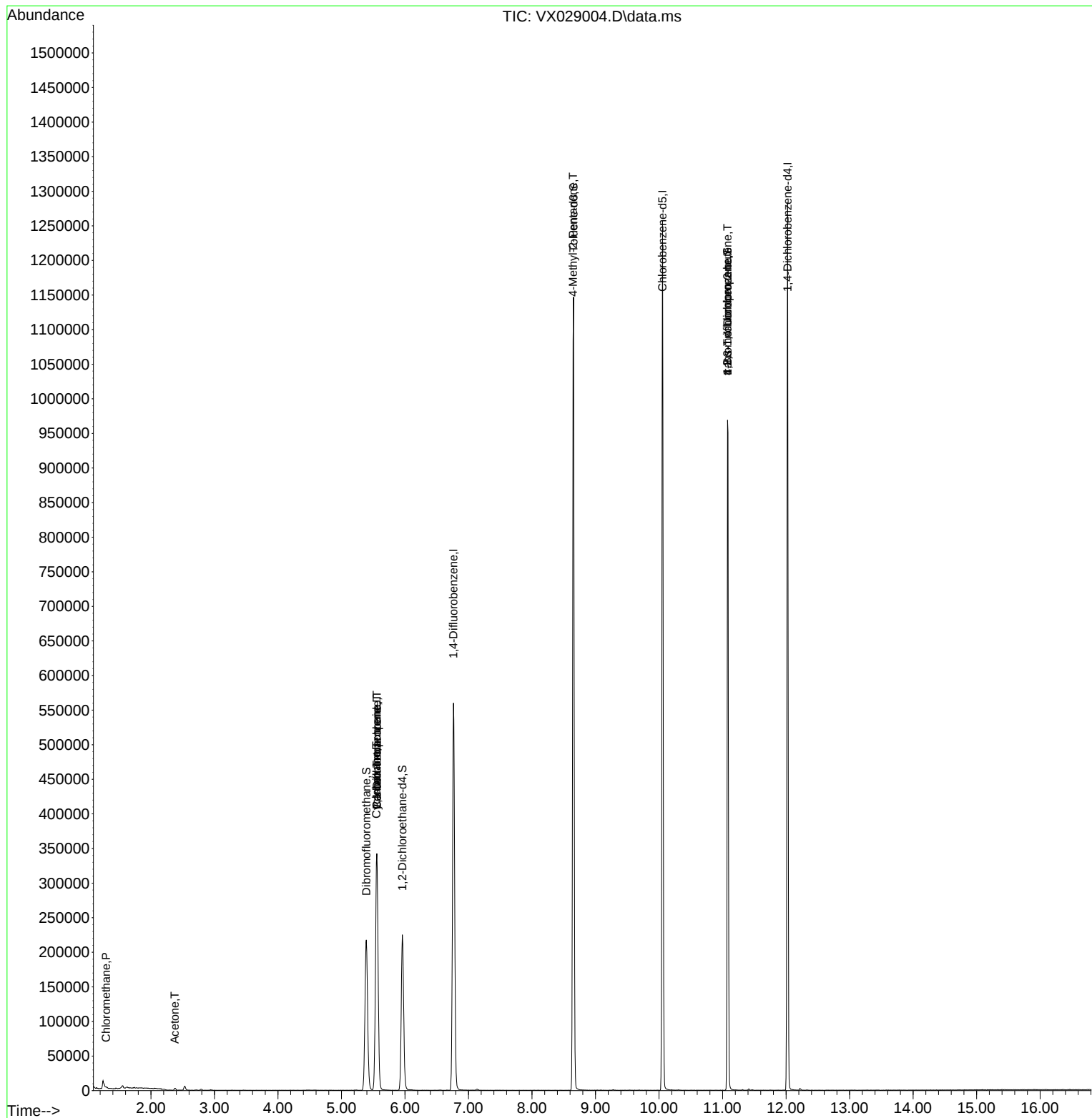
Internal Standards						
1) Pentafluorobenzene	5.556	168	326768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220311	49.185	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.380%
35) Dibromofluoromethane	5.391	113	195371	51.111	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.220%
50) Toluene-d8	8.653	98	691863	48.008	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	273876	50.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	841	0.209	ug/l #	85
5) Bromomethane	1.618	94	892	Below Cal		94
6) Chloroethane	1.672	64	833	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	376	Below Cal	#	72
16) Acetone	2.374	43	3302	1.718	ug/l	90
31) Cyclohexane	5.550	56	6387	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24841	4.327	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33901	5.867	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2496	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	136087	22.279	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	136087	65.189	ug/l #	15

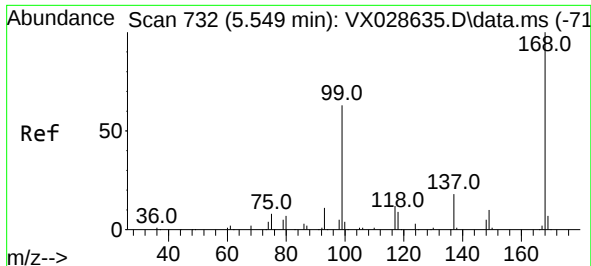
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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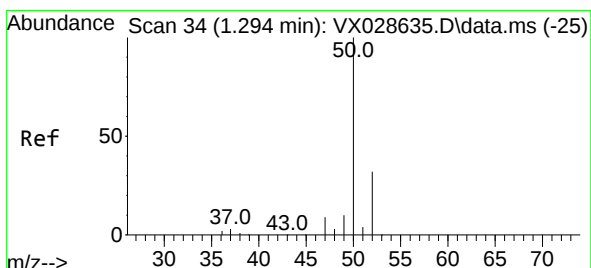
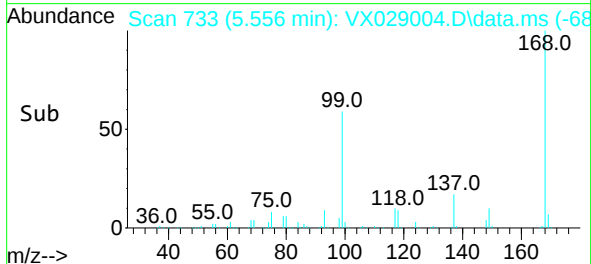
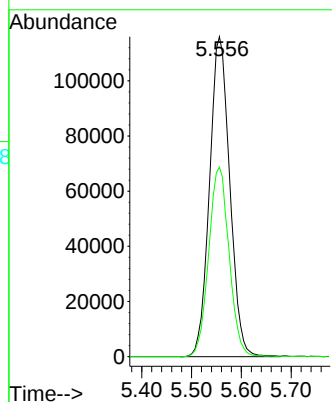
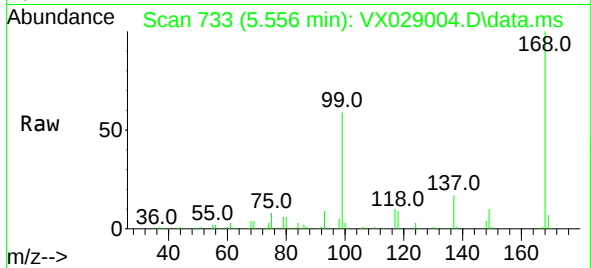




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

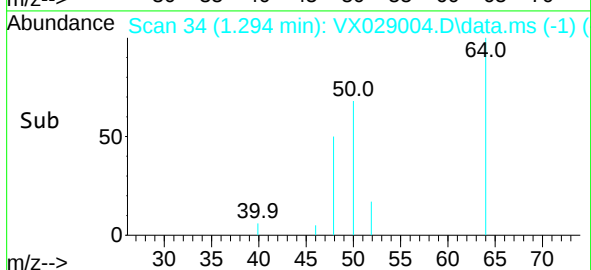
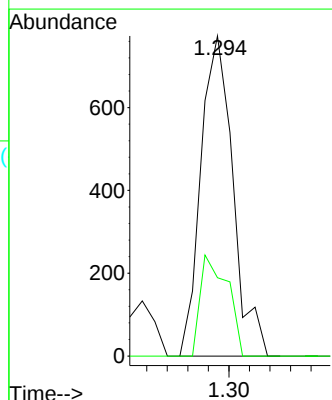
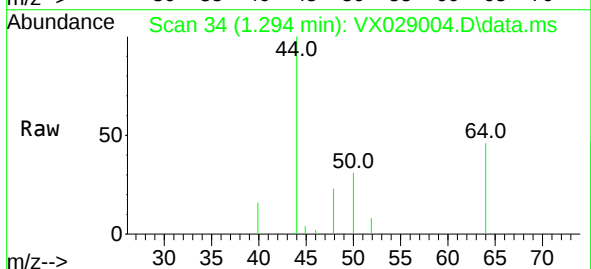
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

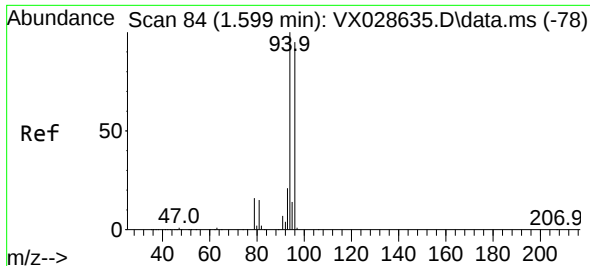
Tgt Ion:168 Resp: 326768
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Tgt Ion: 50 Resp: 841
Ion Ratio Lower Upper
50 100
52 24.5 26.4 39.6#

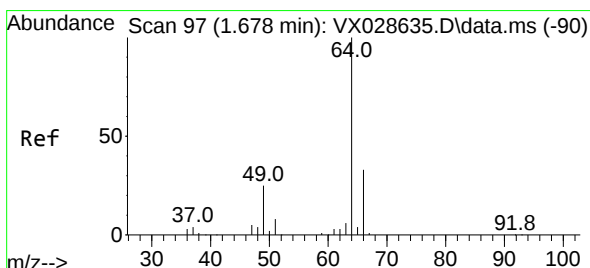
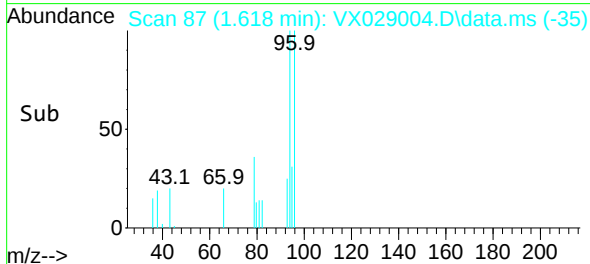
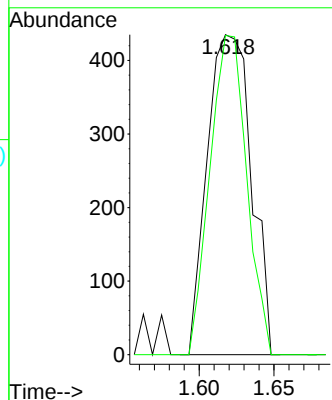
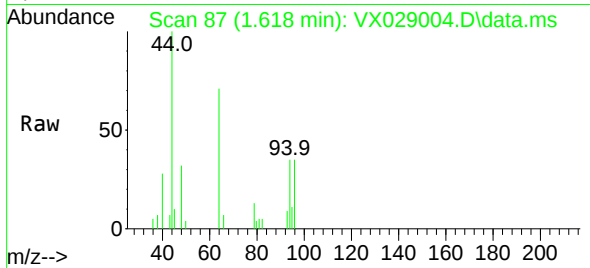




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

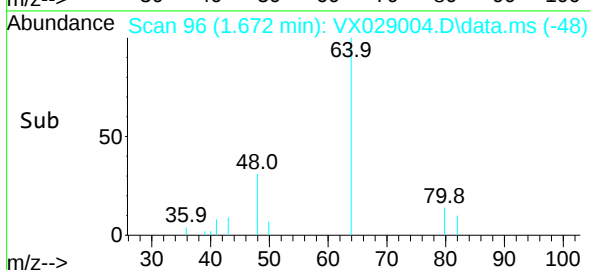
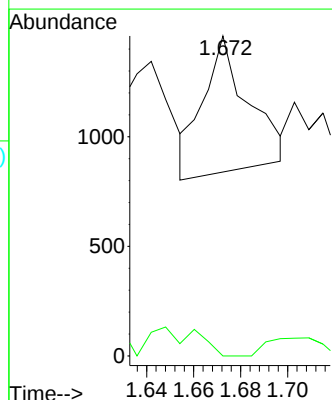
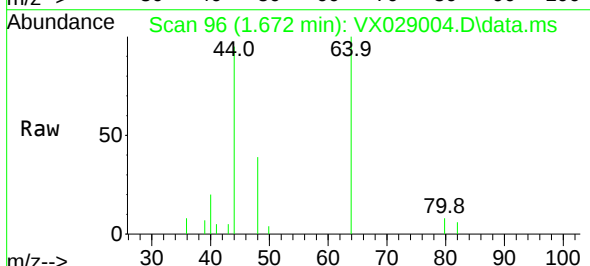
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

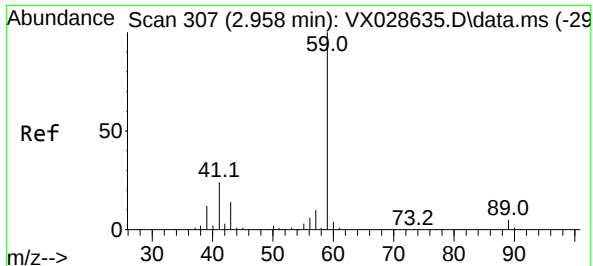
Tgt Ion: 94 Resp: 892
Ion Ratio Lower Upper
94 100
96 99.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Tgt Ion: 64 Resp: 833
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX029004.D

Acq: 26 May 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

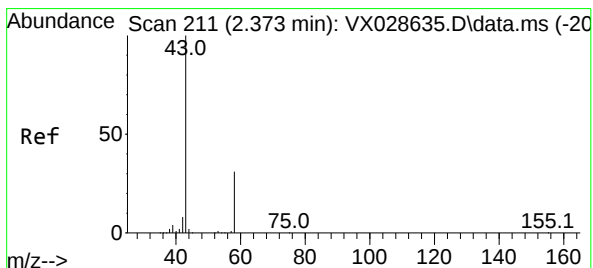
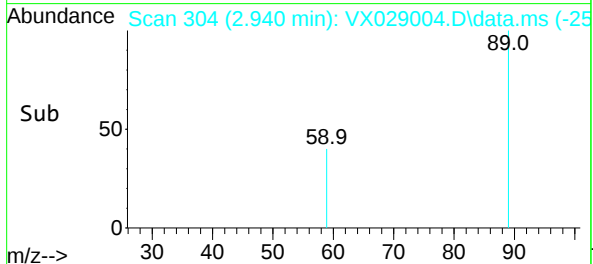
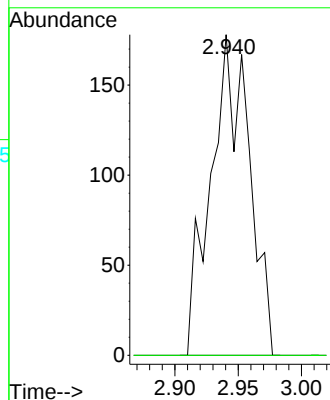
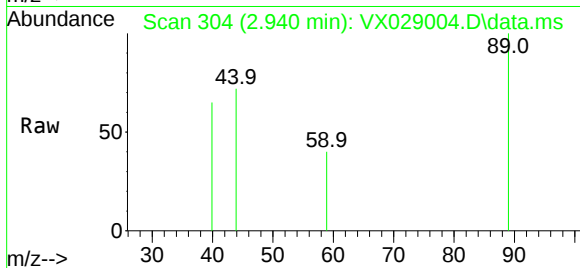
34S-20220524

Tgt Ion: 59 Resp: 376

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.718 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.001 min

Lab File: VX029004.D

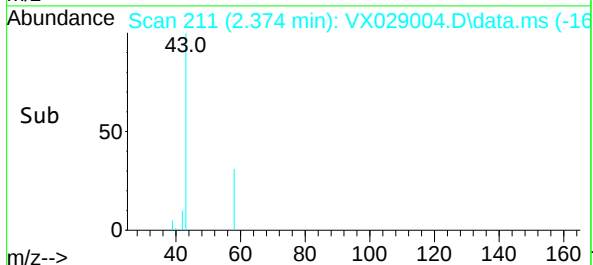
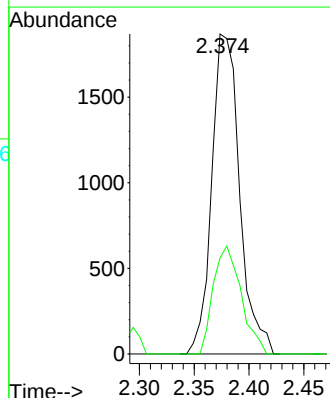
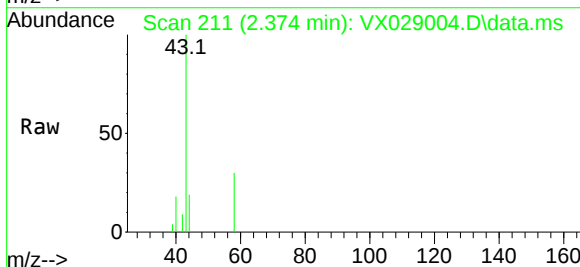
Acq: 26 May 2022 17:12

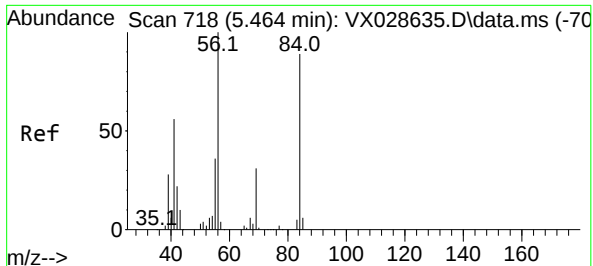
Tgt Ion: 43 Resp: 3302

Ion Ratio Lower Upper

43 100

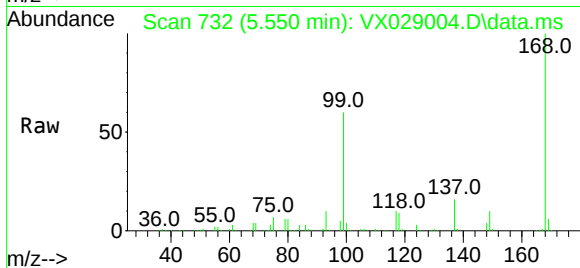
58 30.0 28.8 43.2



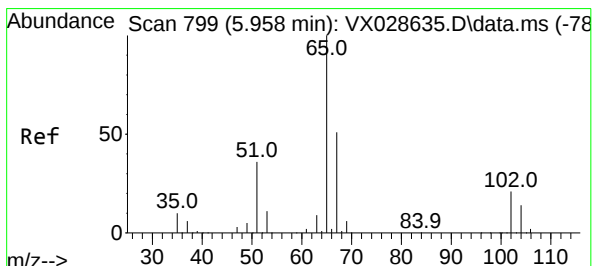
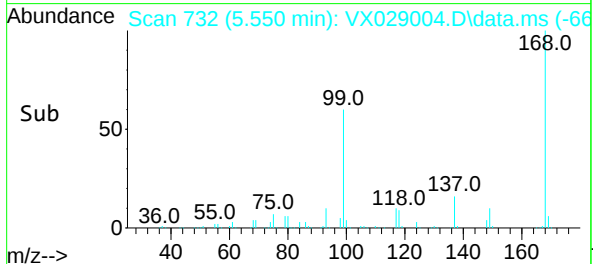
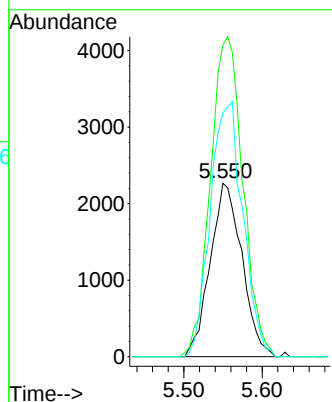


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

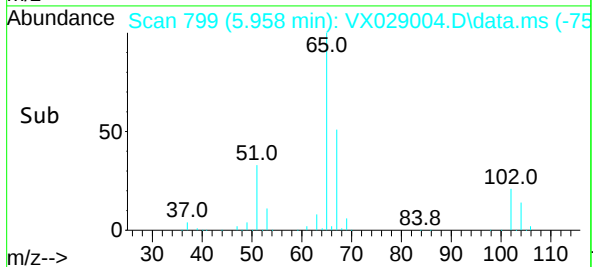
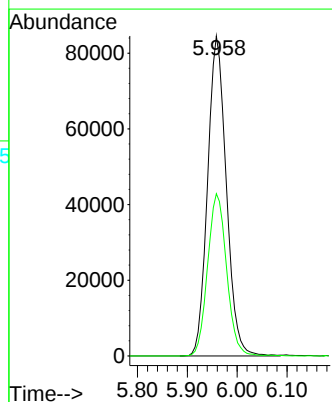
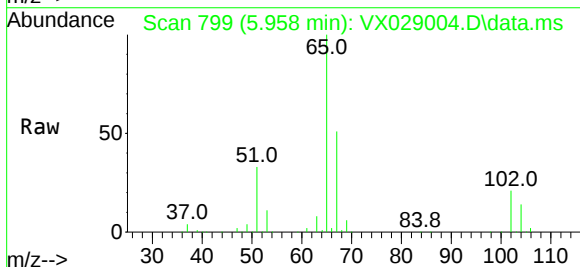


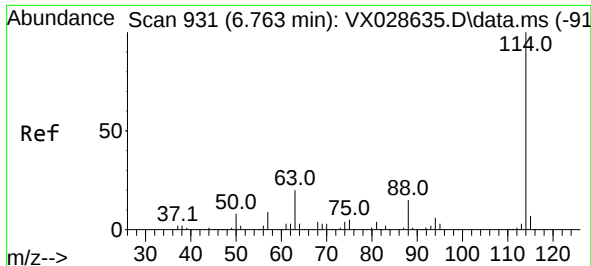
Tgt Ion: 56 Resp: 6387
Ion Ratio Lower Upper
56 100
69 179.8 26.7 40.1#
84 140.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.185 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Tgt Ion: 65 Resp: 220311
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

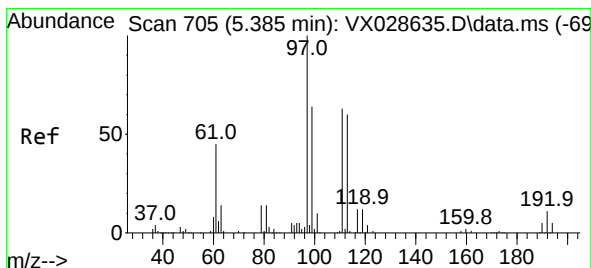
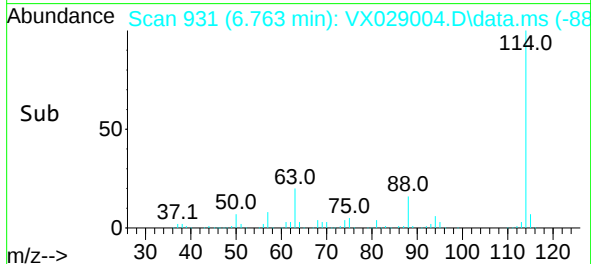
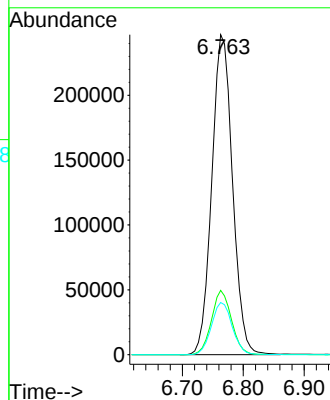
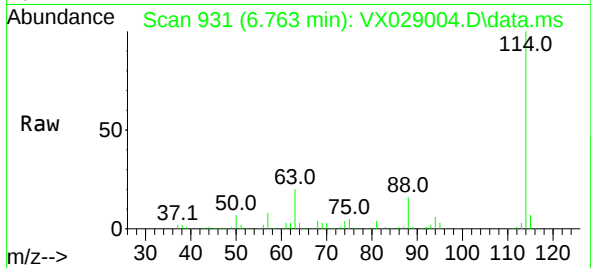




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

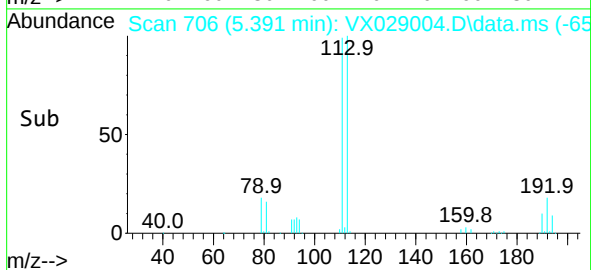
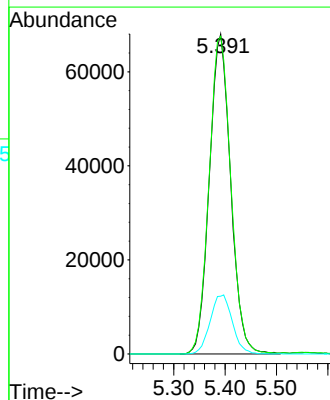
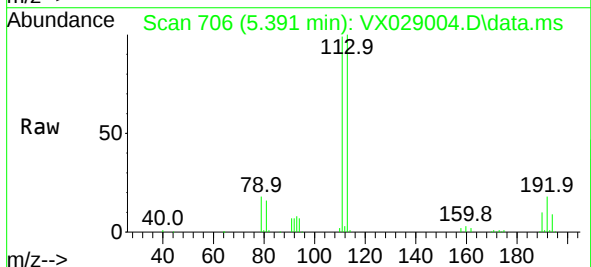
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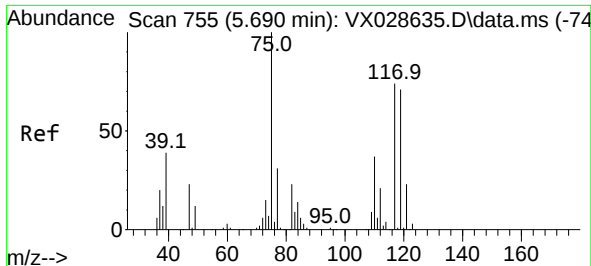
Tgt Ion:114 Resp: 583422
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.111 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Tgt Ion:113 Resp: 195371
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.2 16.9 25.3

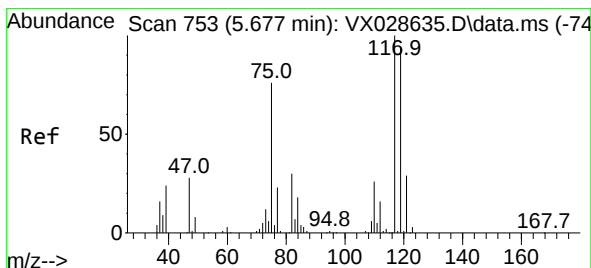
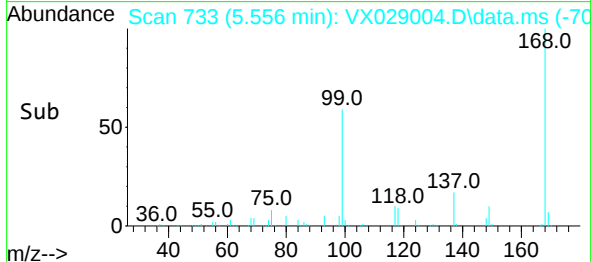
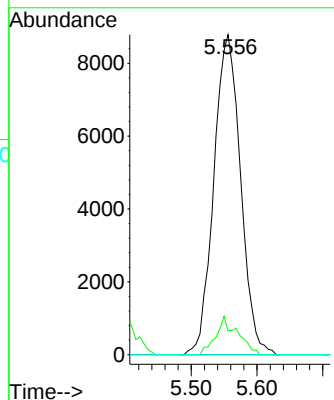
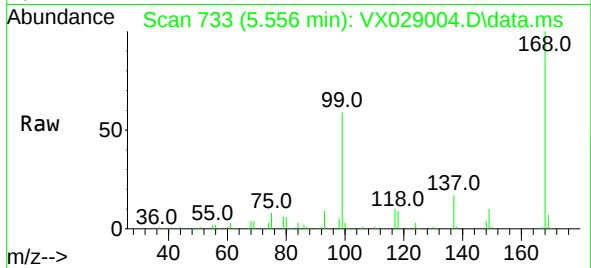




#36
1,1-Dichloropropene
Concen: 4.327 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

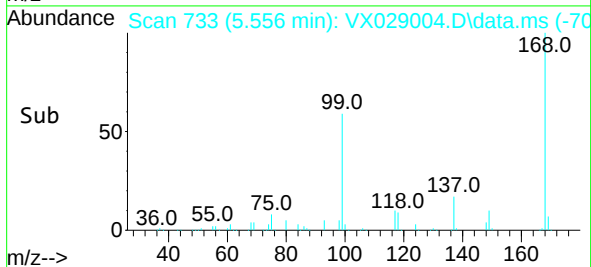
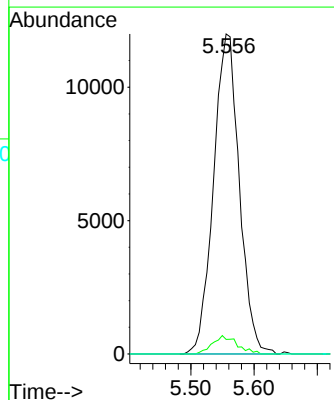
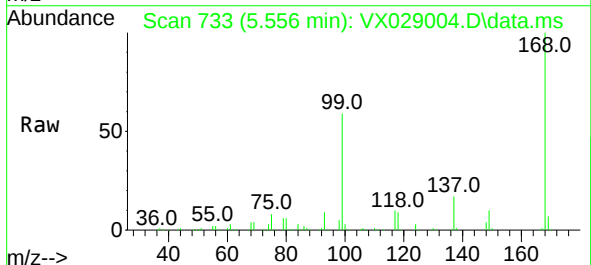
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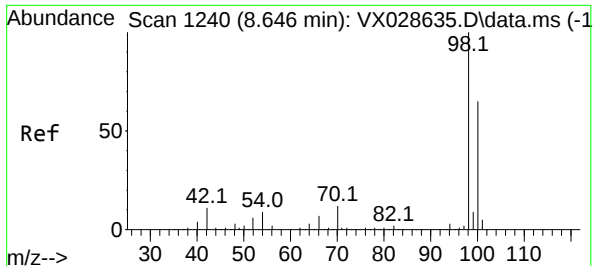
Tgt Ion: 75 Resp: 24841
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Tgt Ion: 117 Resp: 33901
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

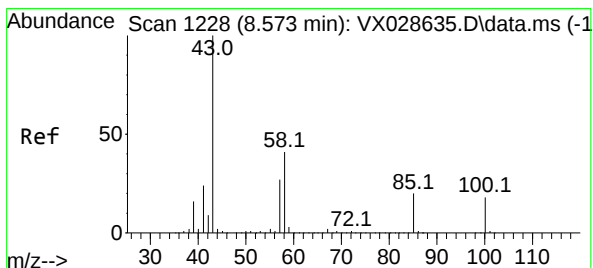
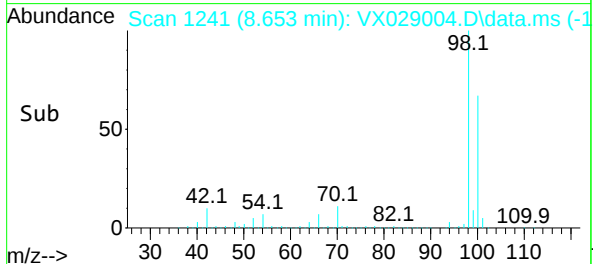
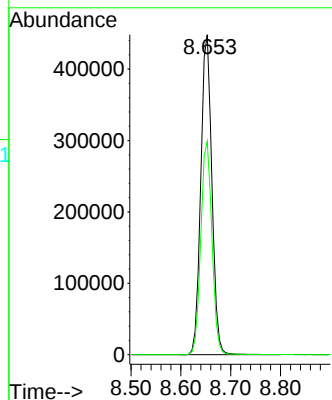
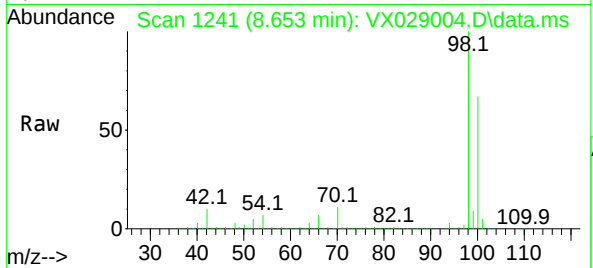




#50
Toluene-d8
Concen: 48.008 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

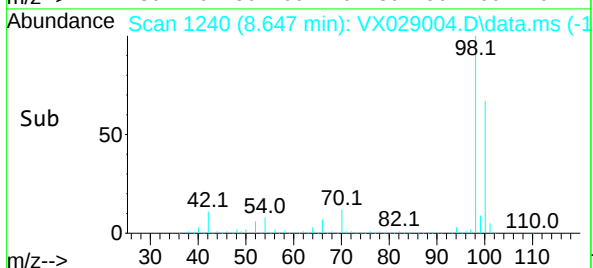
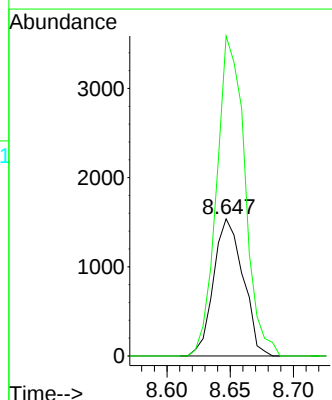
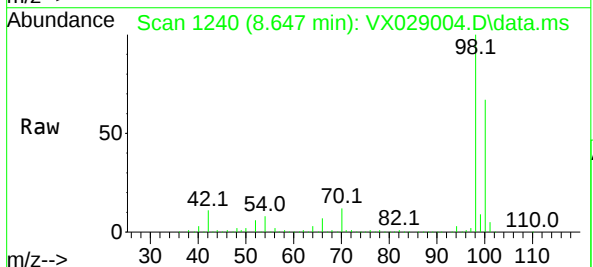
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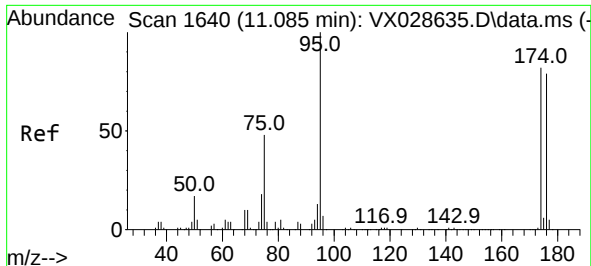
Tgt Ion: 98 Resp: 691863
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.404 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
58 222.8 36.1 54.1#

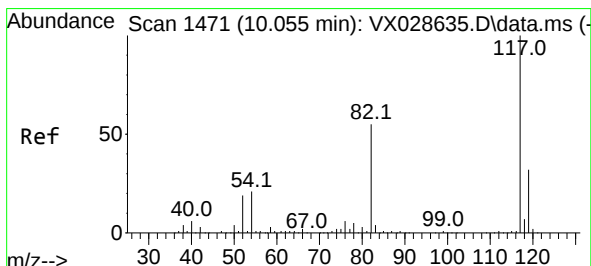
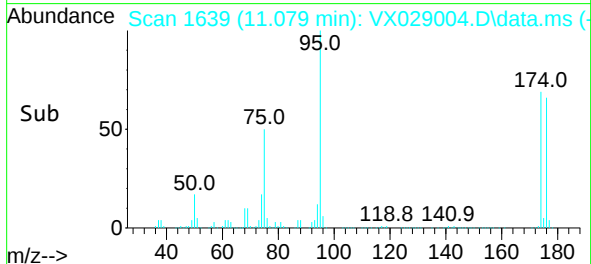
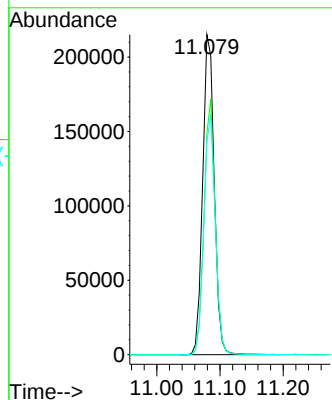
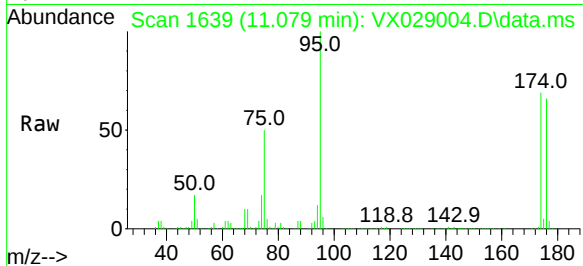




#62
4-Bromofluorobenzene
Concen: 50.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

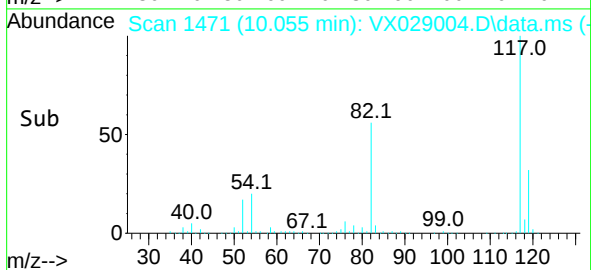
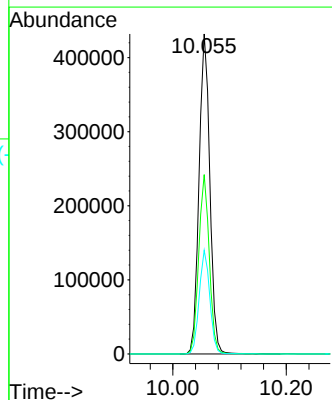
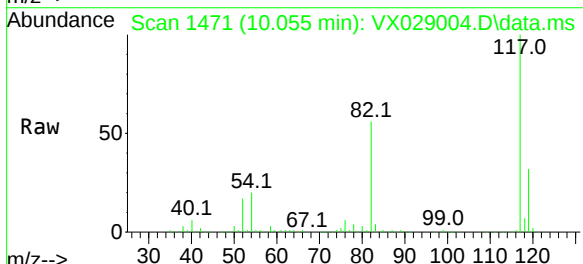
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

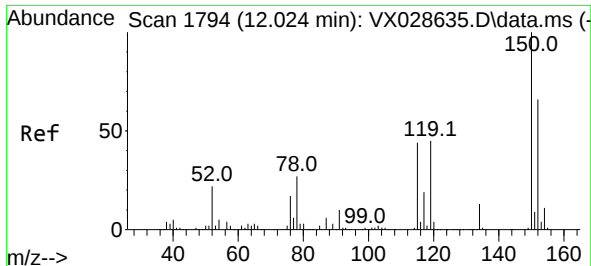
Tgt Ion: 95 Resp: 273876
Ion Ratio Lower Upper
95 100
174 77.5 0.0 163.0
176 74.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Tgt Ion: 117 Resp: 569216
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.4 24.8 37.2

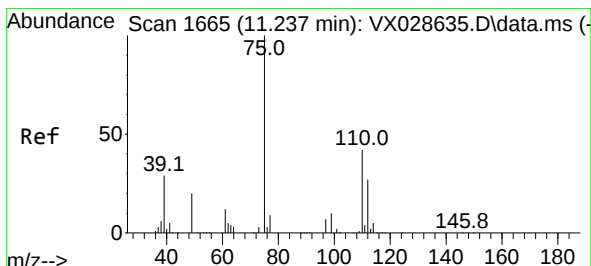
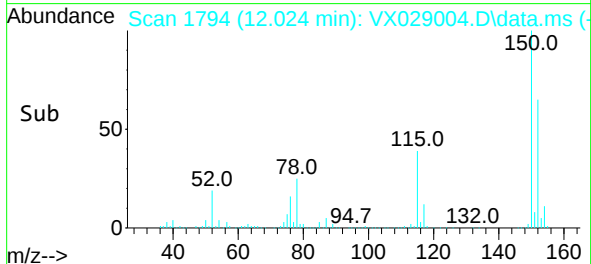
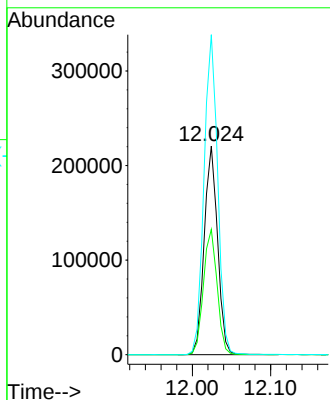
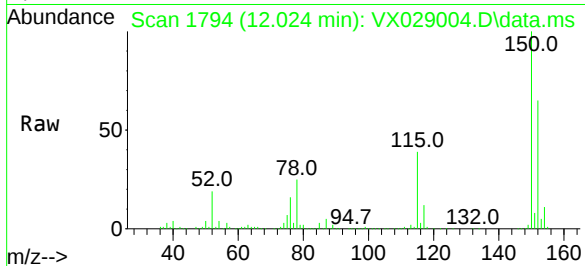




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

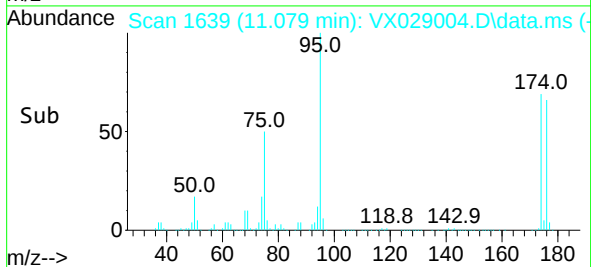
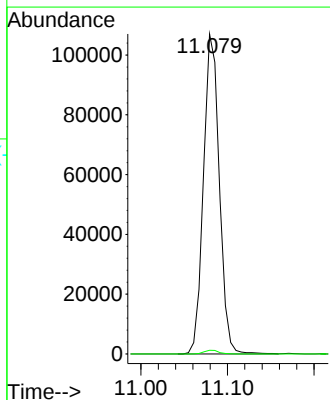
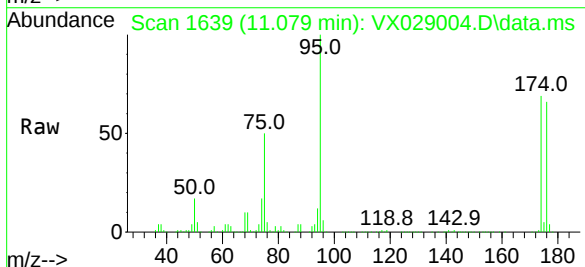
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

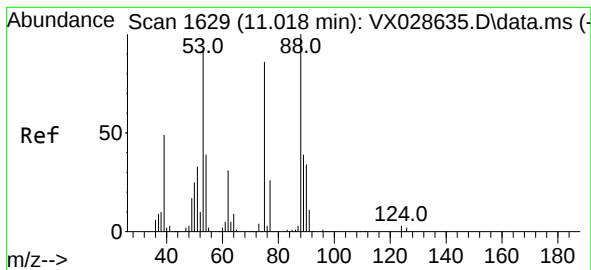
Tgt Ion:152 Resp: 260829
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 157.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

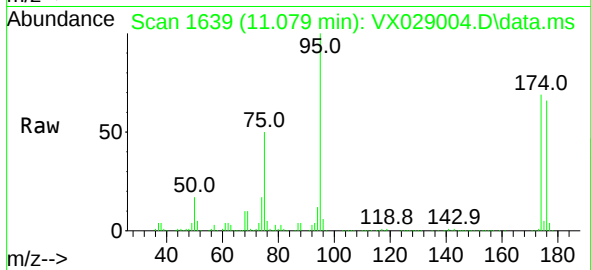
Tgt Ion: 75 Resp: 136087
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.189 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX029004.D
Acq: 26 May 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
34S-20220524



Tgt Ion: 75 Resp: 136087
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

