

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009930.D
 Acq On : 09 Aug 2022 19:23
 Operator : KP/MD
 Sample : N4086-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RLA-4711-WC

Quant Time: Aug 09 23:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

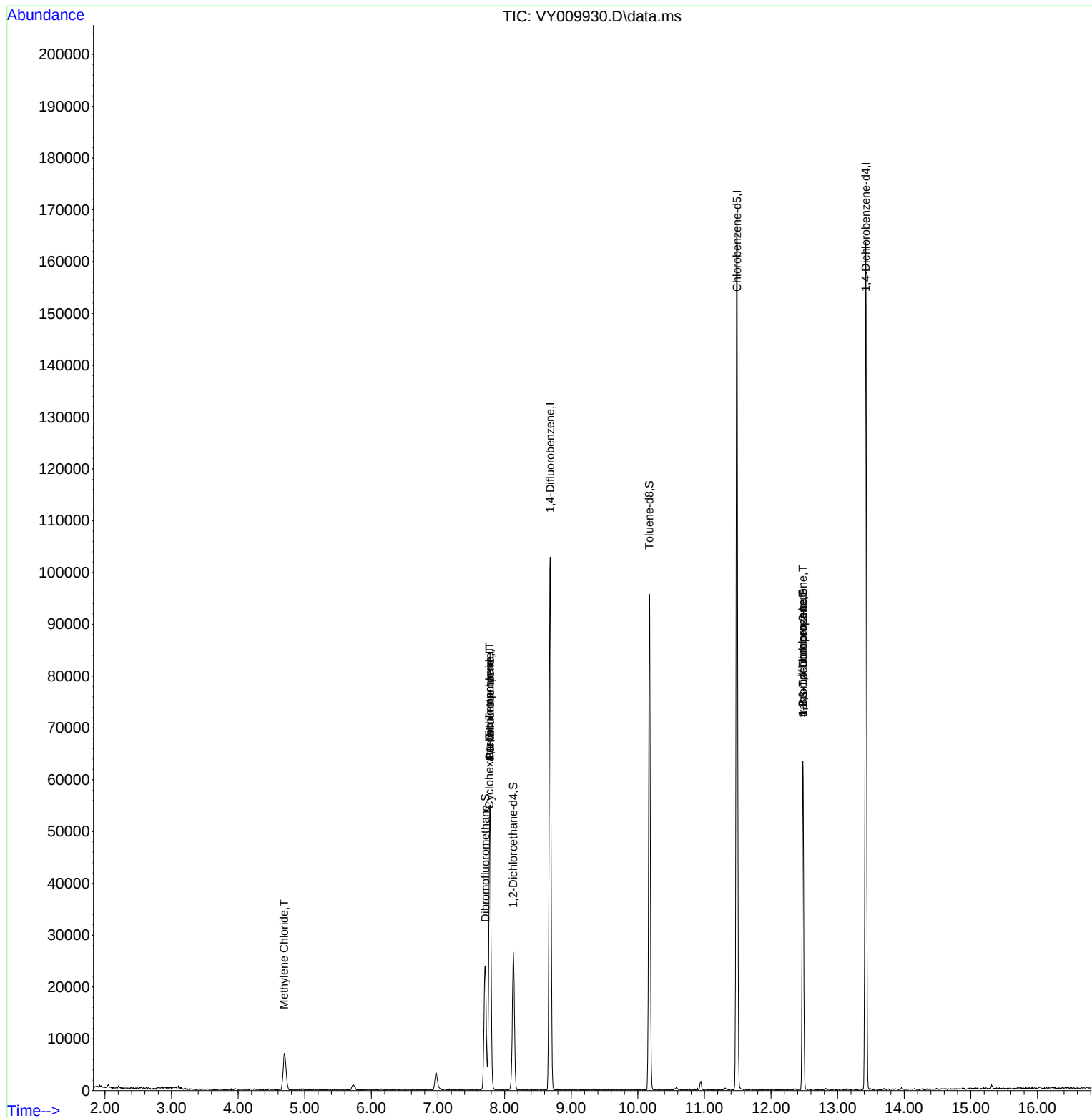
Internal Standards						
1) Pentafluorobenzene	7.782	168	41613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	86007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	90579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	19528	61.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.480%	
35) Dibromofluoromethane	7.709	113	17116	36.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.320%	
50) Toluene-d8	10.172	98	62316	43.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.280%	
62) 4-Bromofluorobenzene	12.477	95	19754	30.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.600%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.472	43	171	Below Cal	#	52
20) Methylene Chloride	4.692	84	5400	1.117	ug/l	91
31) Cyclohexane	7.770	56	1007	1.247	ug/l #	28
36) 1,1-Dichloropropene	7.776	75	3659	4.644	ug/l #	46
38) Carbon Tetrachloride	7.776	117	4181	5.347	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	9874	22.281	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9874	45.047	ug/l #	13

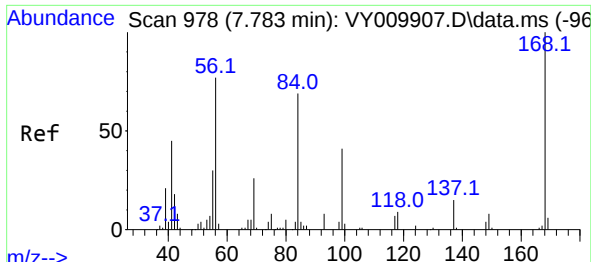
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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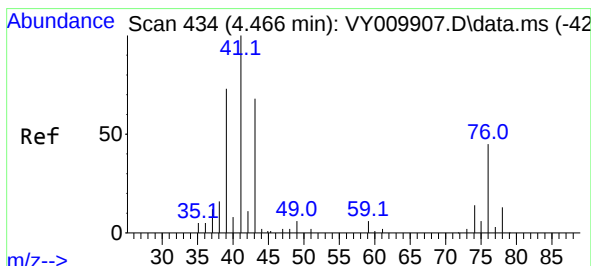
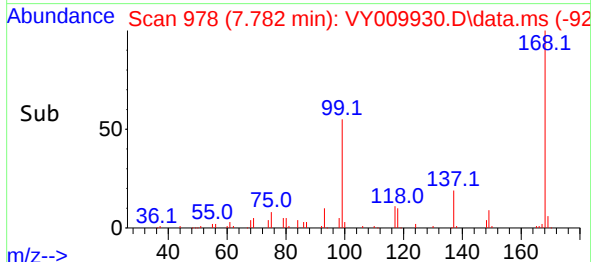
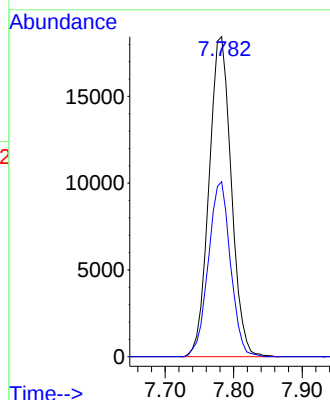
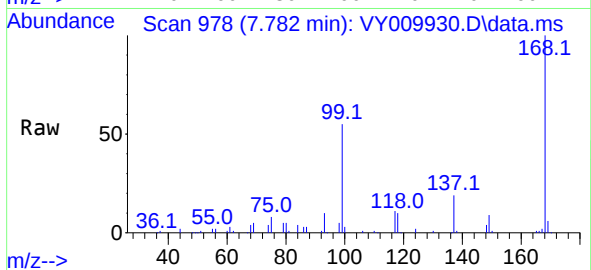




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

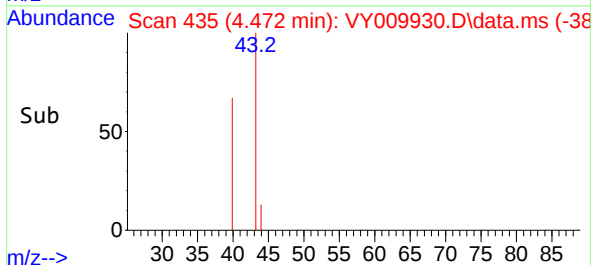
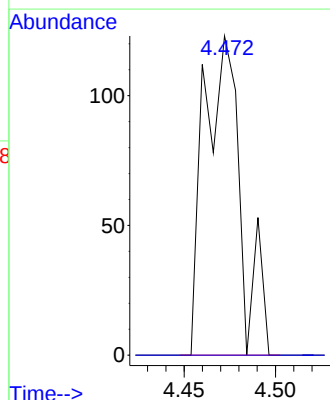
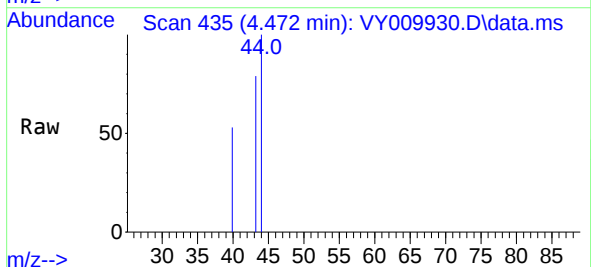
Instrument :
MSVOA_Y
ClientSampleId :
RLA-4711-WC

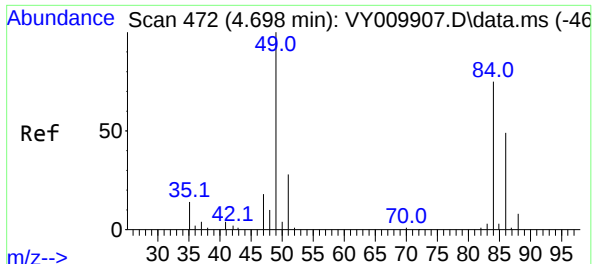
Tgt Ion:168 Resp: 41613
Ion Ratio Lower Upper
168 100
99 54.7 42.1 63.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



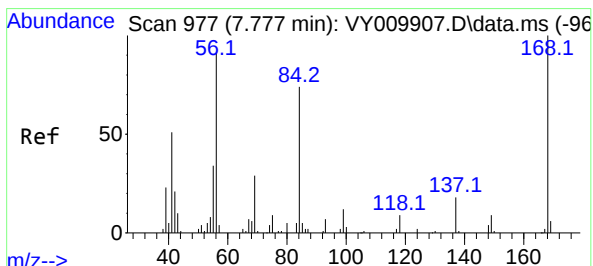
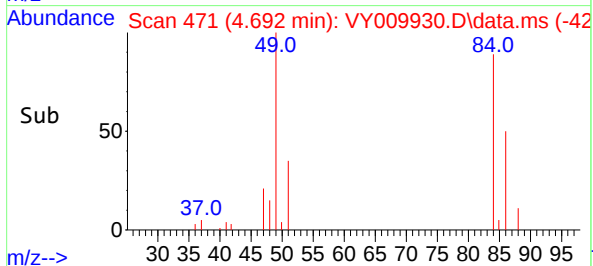
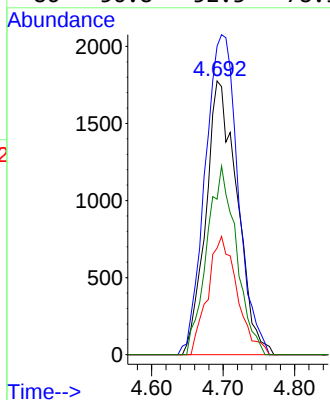
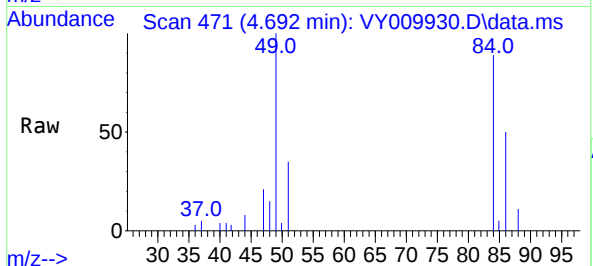


#20
Methylene Chloride
Concen: 1.117 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
RLA-4711-WC

Tgt Ion: 84 Resp: 5400

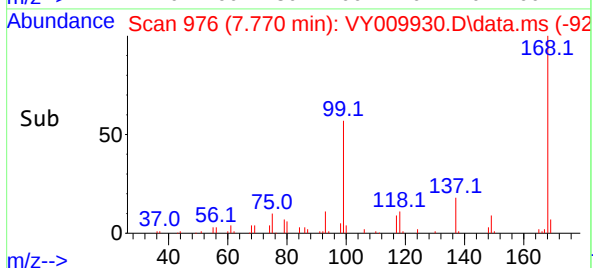
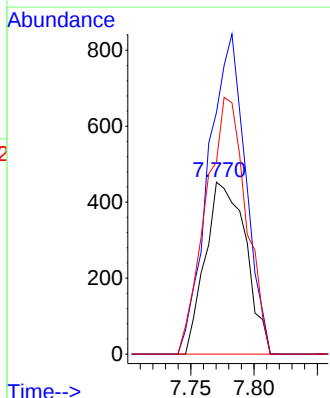
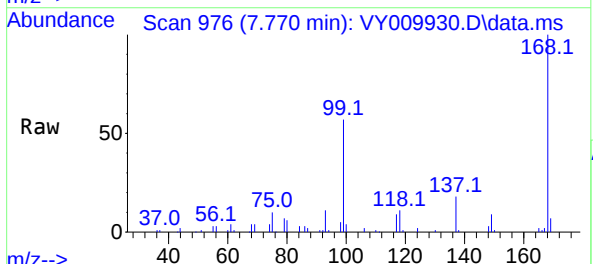
Ion	Ratio	Lower	Upper
84	100		
49	112.7	98.2	147.4
51	39.0	33.4	50.0
86	56.8	52.3	78.5

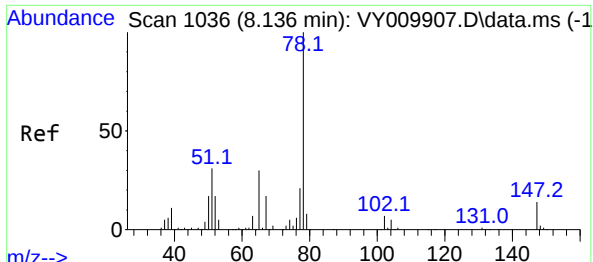


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.770 min Scan# 976
Delta R.T. -0.006 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Tgt Ion: 56 Resp: 1007

Ion	Ratio	Lower	Upper
56	100		
69	140.4	26.0	39.0#
84	111.5	69.5	104.3#

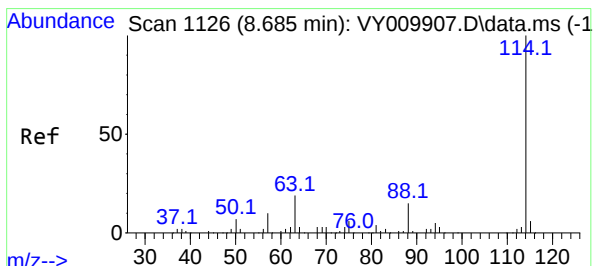
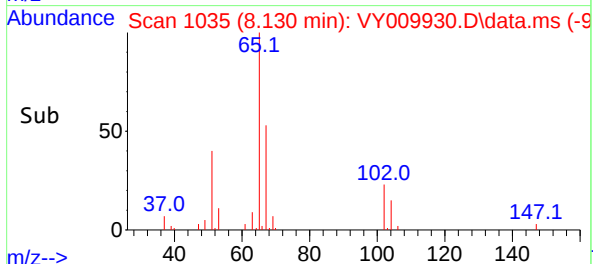
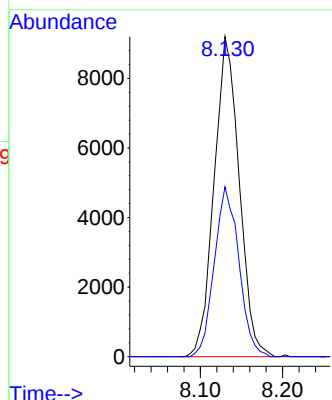
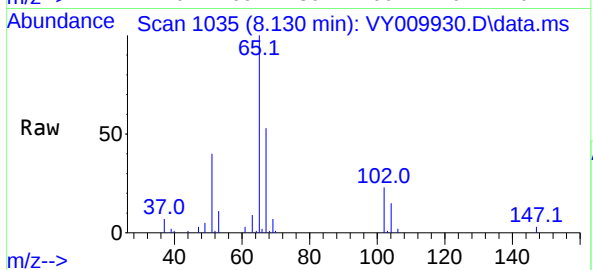




#33
1,2-Dichloroethane-d4
Concen: 61.236 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

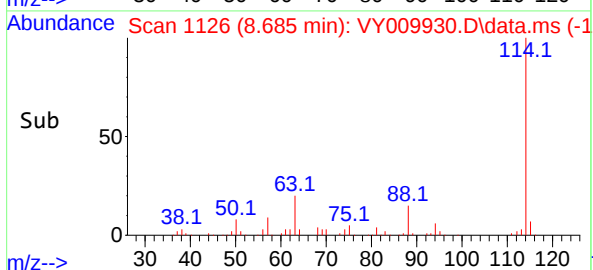
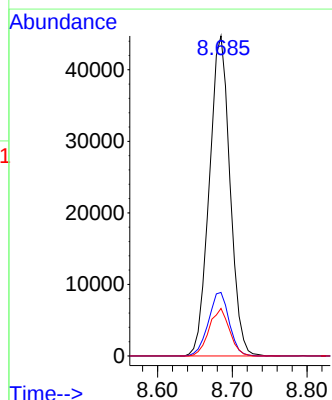
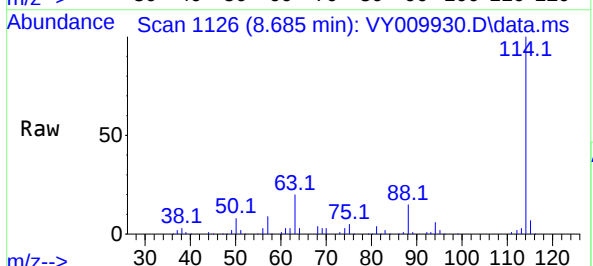
Instrument :
MSVOA_Y
ClientSampleId :
RLA-4711-WC

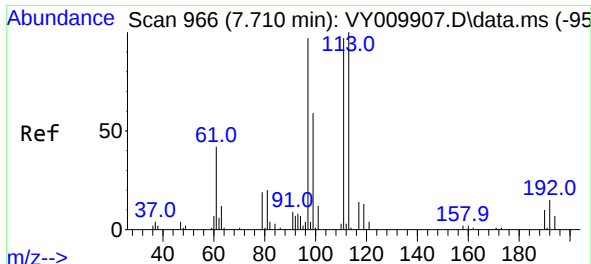
Tgt Ion: 65 Resp: 19528
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Tgt Ion: 114 Resp: 86007
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.0
88 14.8 0.0 30.0

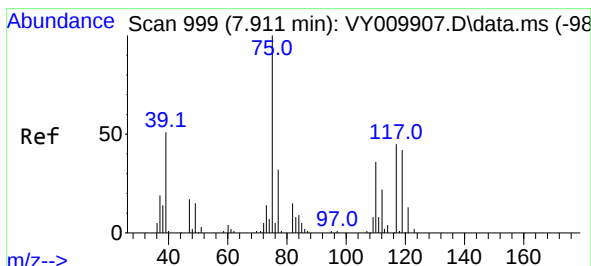
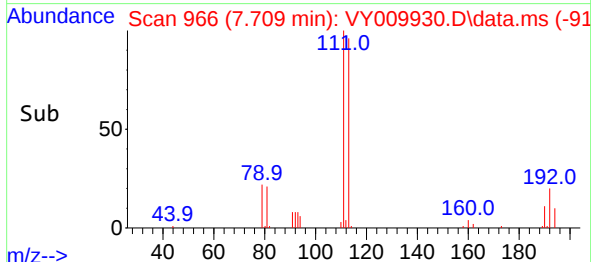
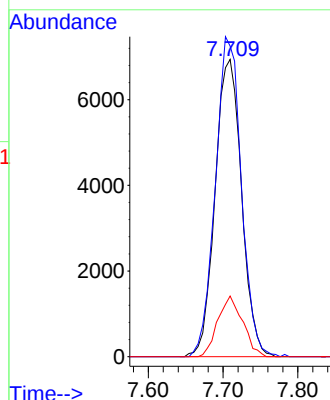
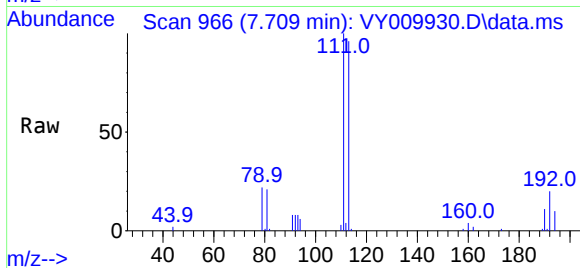




#35
Dibromofluoromethane
Concen: 36.660 ug/l
RT: 7.709 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

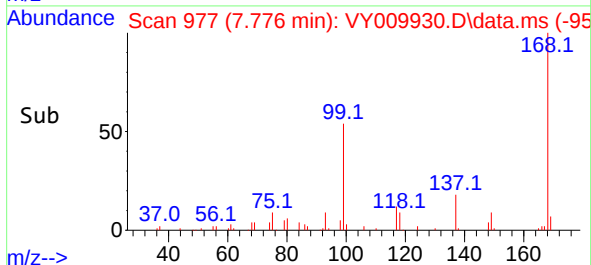
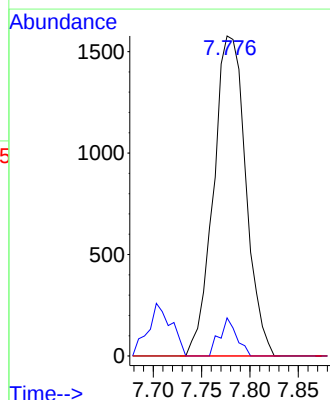
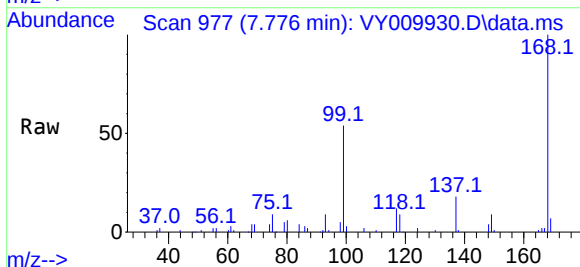
Instrument :
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ClientSampleId :
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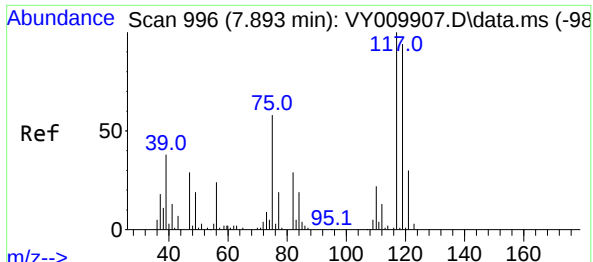
Tgt Ion:	113	Resp:	17116
Ion	Ratio	Lower	Upper
113	100		
111	105.8	80.6	120.8
192	19.2	16.2	24.4



#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.135 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

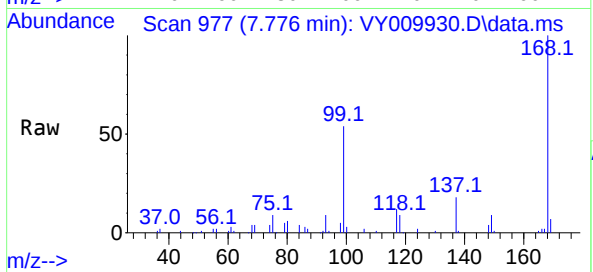
Tgt Ion:	75	Resp:	3659
Ion	Ratio	Lower	Upper
75	100		
110	6.3	18.6	56.0#
77	0.0	25.0	37.4#



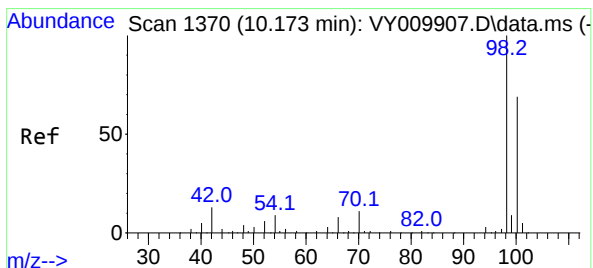
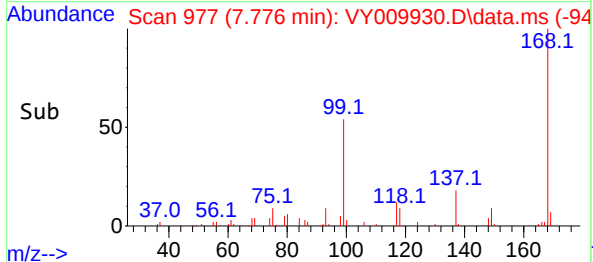
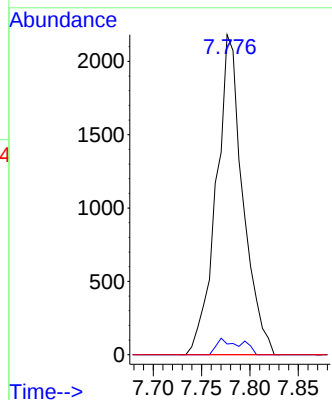


#38
Carbon Tetrachloride
Concen: 5.347 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
RLA-4711-WC

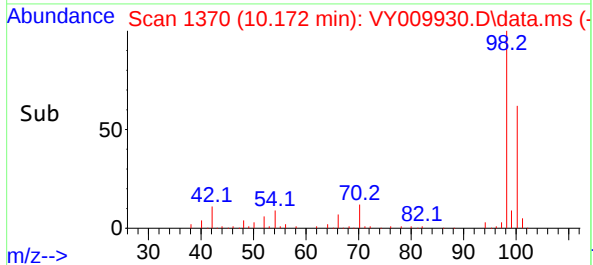
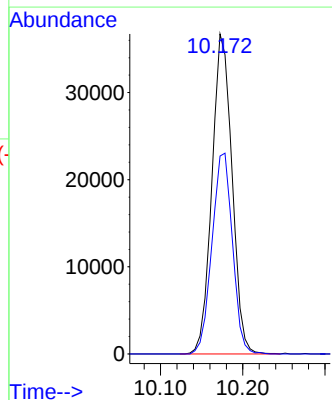
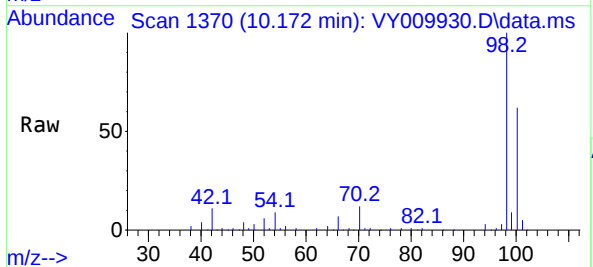


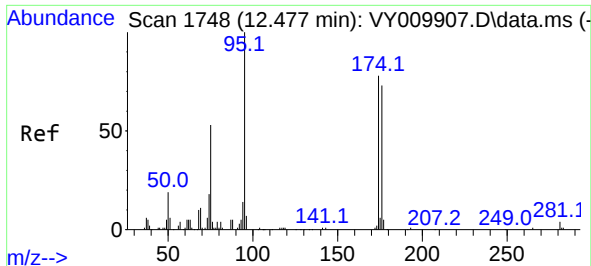
Tgt Ion:117 Resp: 4181
Ion Ratio Lower Upper
117 100
119 3.4 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 43.140 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Tgt Ion: 98 Resp: 62316
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3

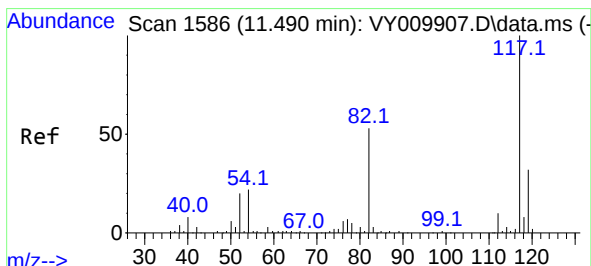
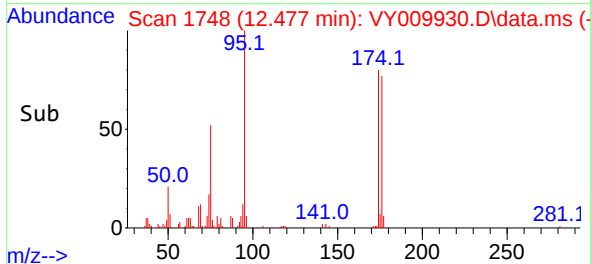
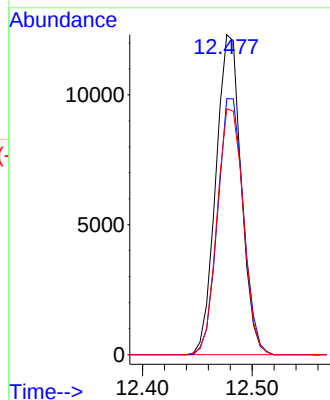
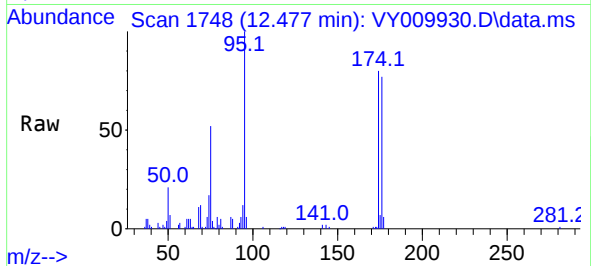




#62
4-Bromofluorobenzene
Concen: 30.302 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

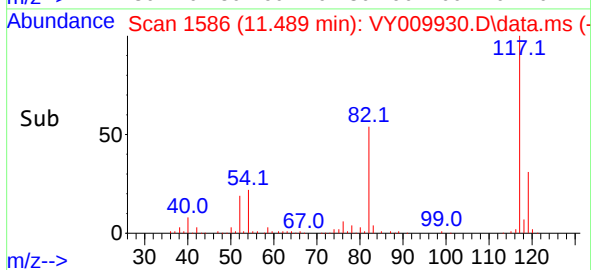
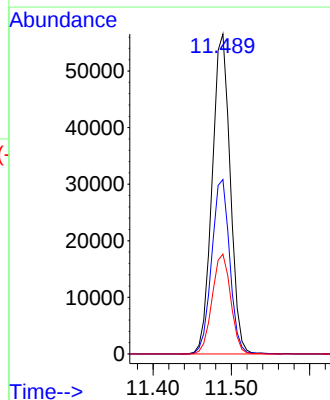
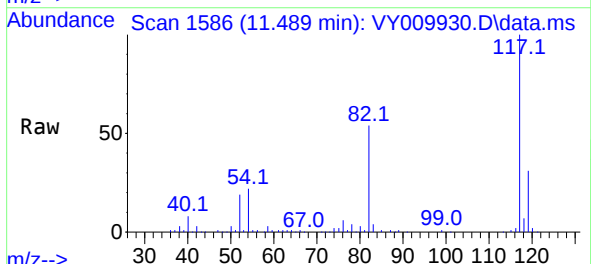
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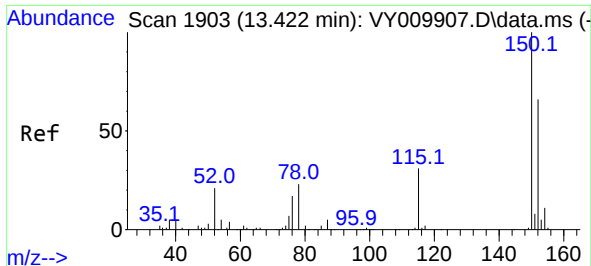
Tgt Ion:	95	Resp:	19754
Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	173.8
176	79.9	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Tgt Ion:	117	Resp:	90579
Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.8	62.6
119	31.2	25.6	38.4

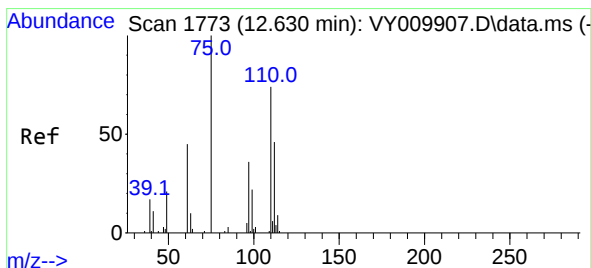
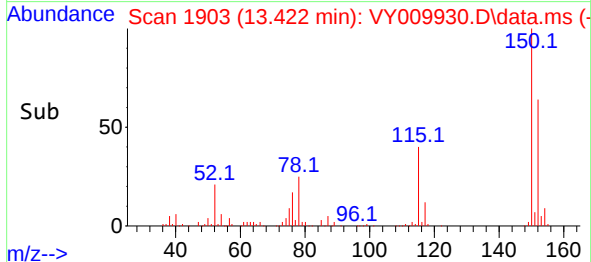
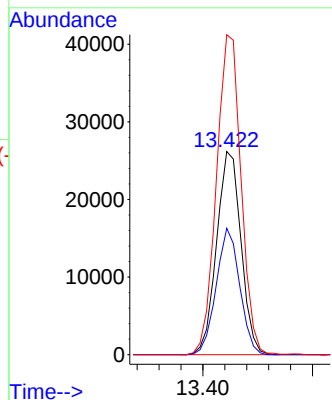
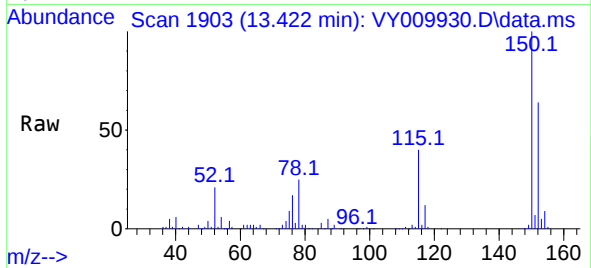




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

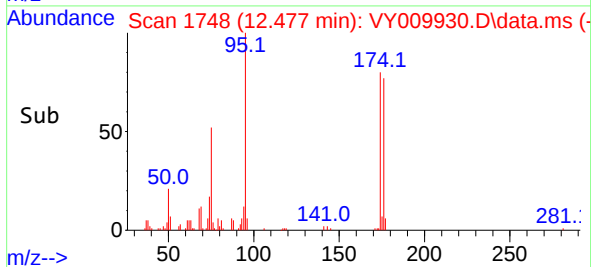
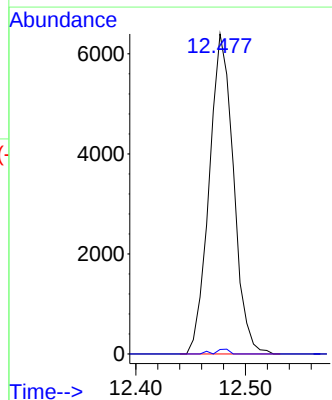
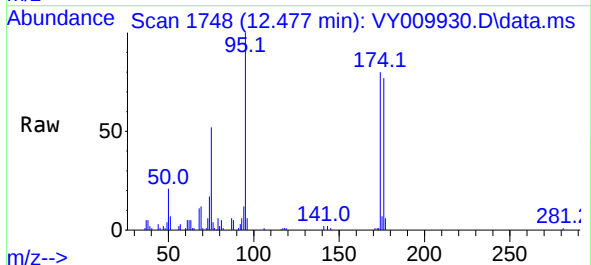
Instrument :
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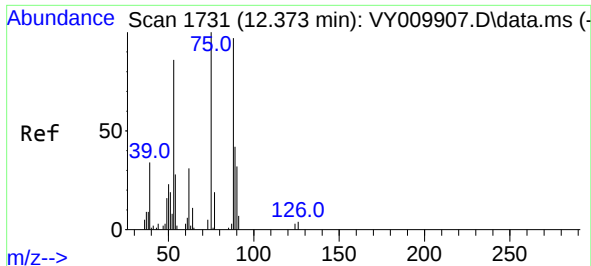
Tgt Ion:152 Resp: 40505
Ion Ratio Lower Upper
152 100
115 59.8 28.6 85.9
150 159.0 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 22.281 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

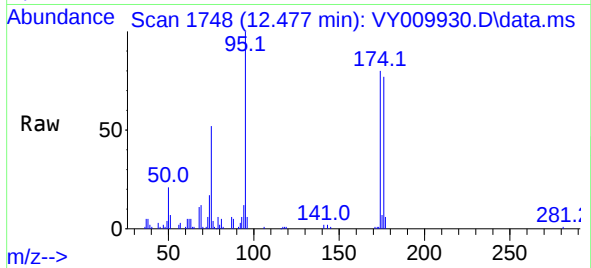
Tgt Ion: 75 Resp: 9874
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 45.047 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009930.D
Acq: 09 Aug 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
RLA-4711-WC



Tgt Ion: 75 Resp: 9874
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

