

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076385.D
 Acq On : 08 Jun 2023 21:02
 Operator : KP/SY
 Sample : 03074-07
 Misc : 6.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-01

Quant Time: Jun 09 01:25:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

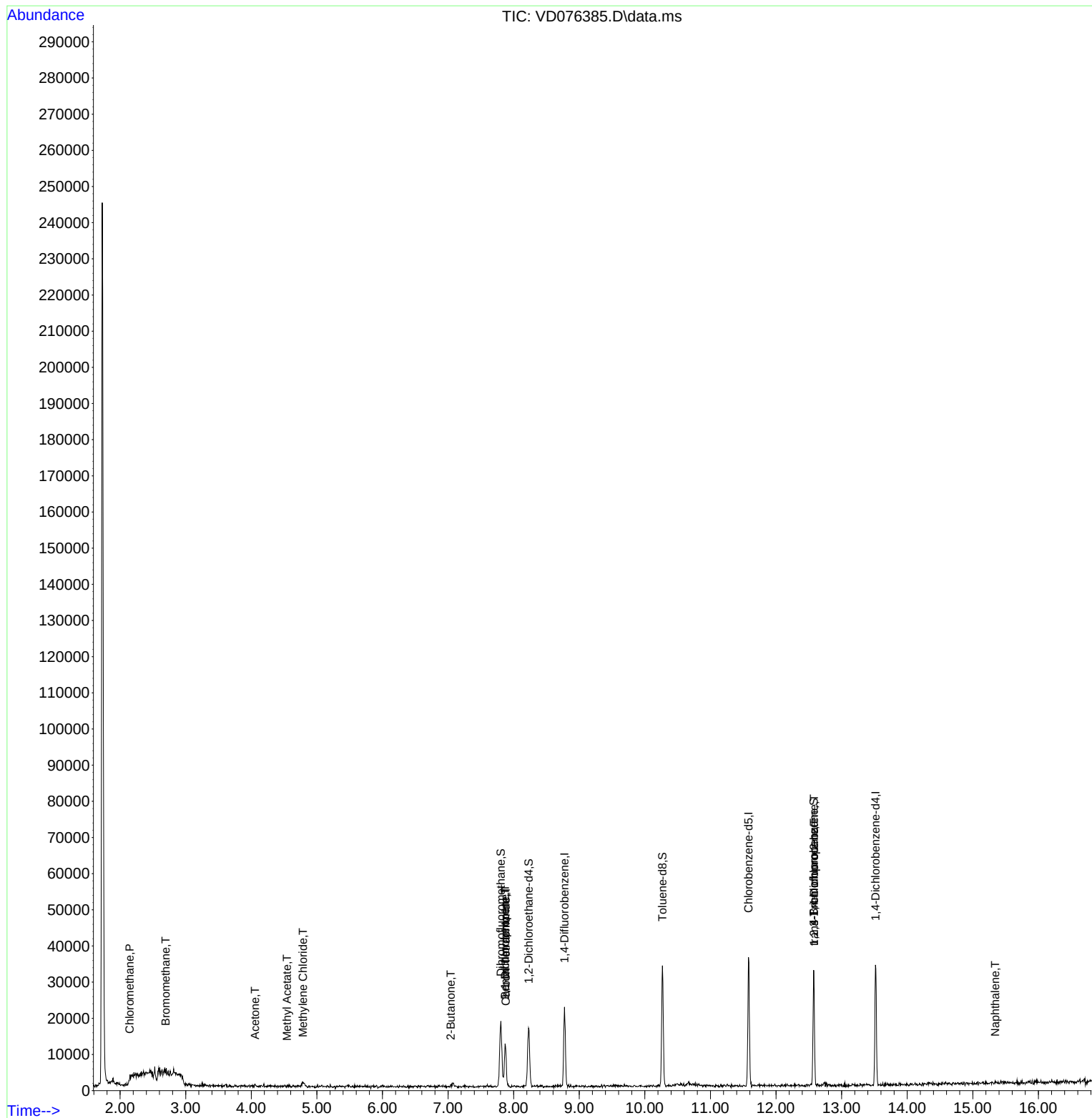
Internal Standards						
1) Pentafluorobenzene	7.869	168	10459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	21564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	24135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	13613	145.264	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 290.520%#		
35) Dibromofluoromethane	7.804	113	12943	94.531	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 189.060%#		
50) Toluene-d8	10.269	98	25452	46.689	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 93.380%		
62) 4-Bromofluorobenzene	12.575	95	9299	64.458	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 128.920%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	272	1.398	ug/l #	41
5) Bromomethane	2.693	94	424	2.558	ug/l #	63
16) Acetone	4.058	43	68	3.962	ug/l #	32
18) Methyl Acetate	4.546	43	122	1.676	ug/l #	42
20) Methylene Chloride	4.787	84	1186	4.321	ug/l #	69
25) 2-Butanone	7.040	43	54	2.272	ug/l #	37
36) 1,1-Dichloropropene	7.869	75	636	3.233	ug/l #	39
38) Carbon Tetrachloride	7.881	117	782	4.535	ug/l #	11
76) 1,2,3-Trichloropropane	12.581	75	4597	45.376	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	4597	108.679	ug/l #	17
95) Naphthalene	15.339	128	109	3.555	ug/l #	69

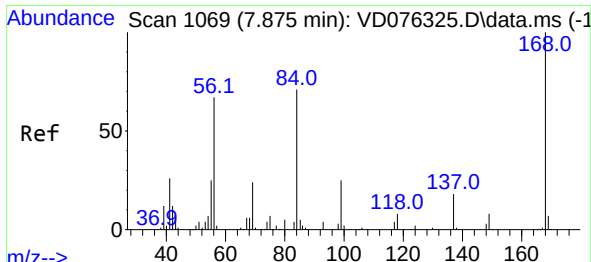
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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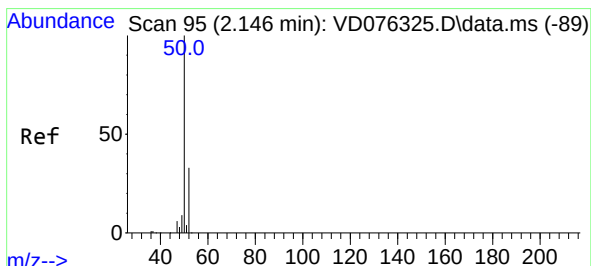
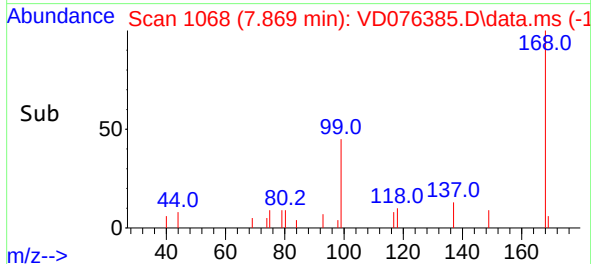
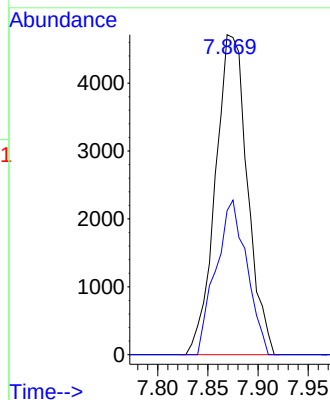
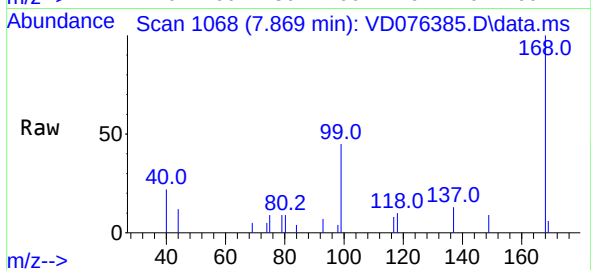




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

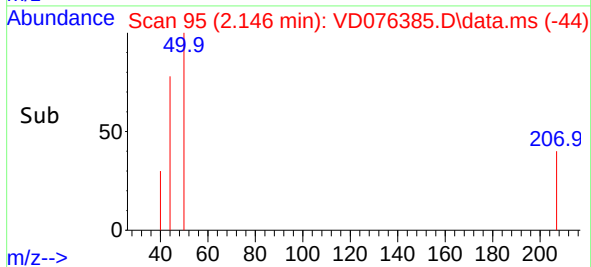
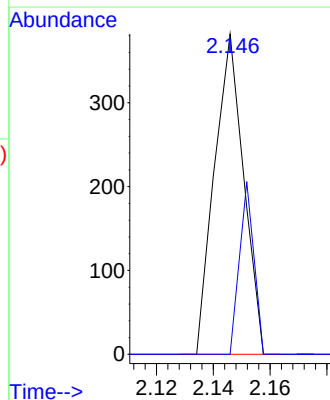
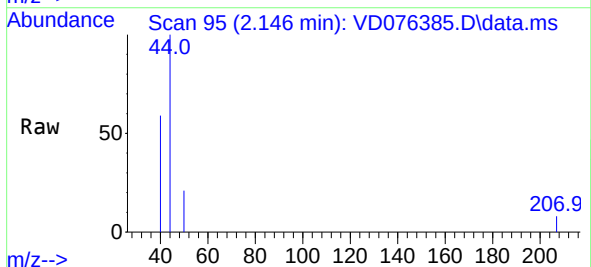
Instrument :
MSVOA_D
ClientSampleId :
GP-01

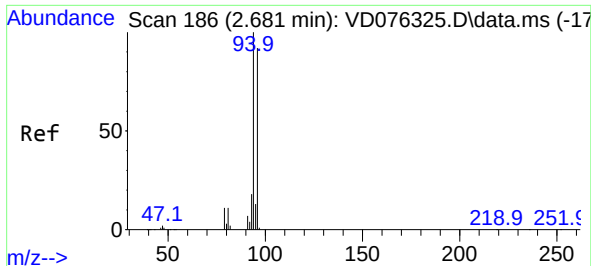
Tgt Ion:168 Resp: 10459
Ion Ratio Lower Upper
168 100
99 45.0 36.7 55.1



#3
Chloromethane
Concen: 1.398 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

Tgt Ion: 50 Resp: 272
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

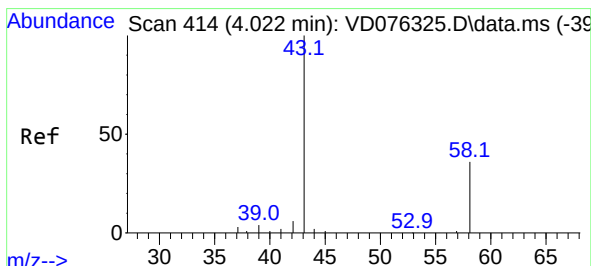
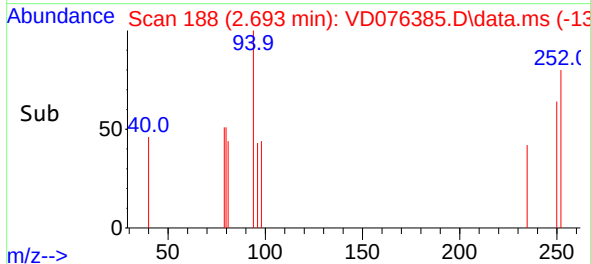
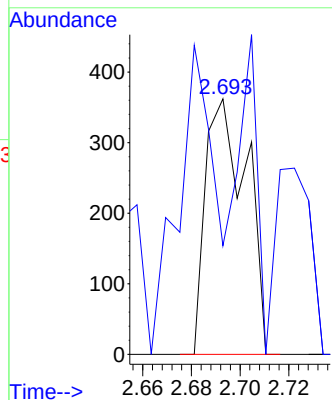
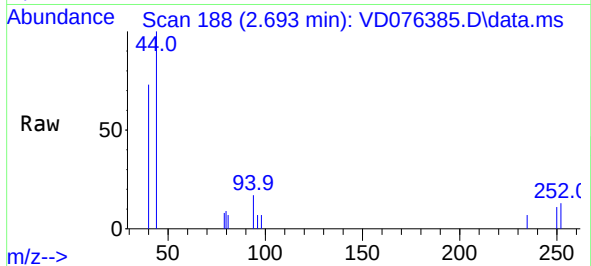




#5
Bromomethane
Concen: 2.558 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

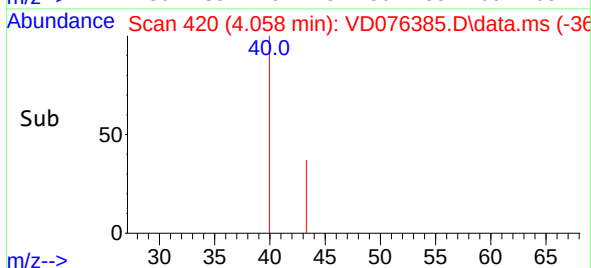
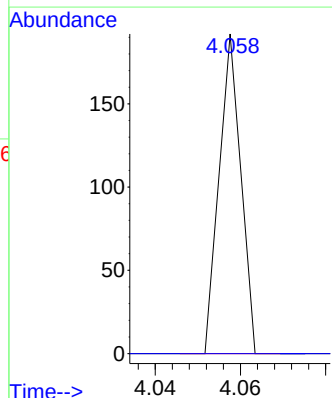
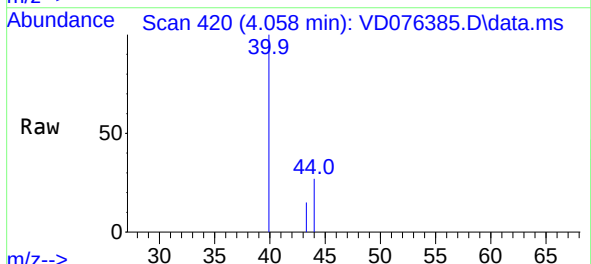
Instrument :
MSVOA_D
ClientSampleId :
GP-01

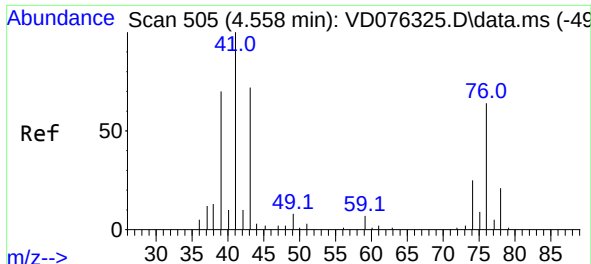
Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 59.2 75.8 113.8#



#16
Acetone
Concen: 3.962 ug/l
RT: 4.058 min Scan# 420
Delta R.T. 0.035 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

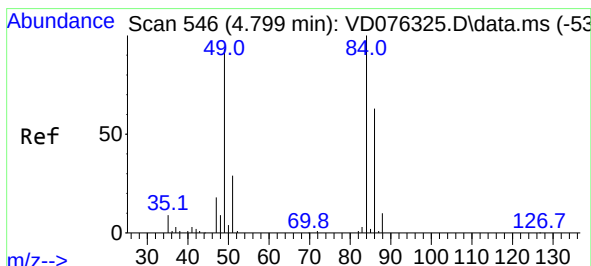
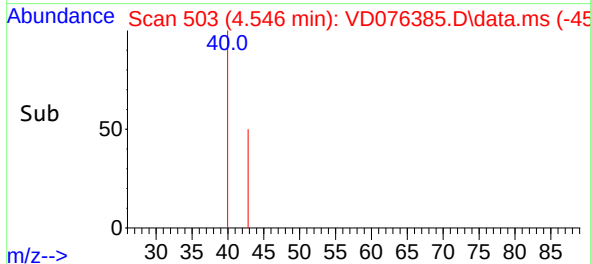
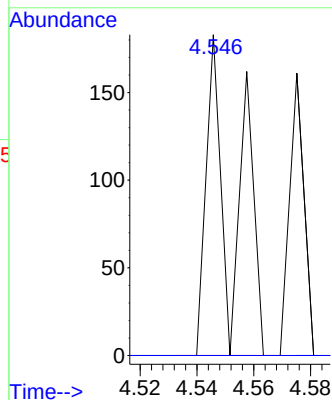
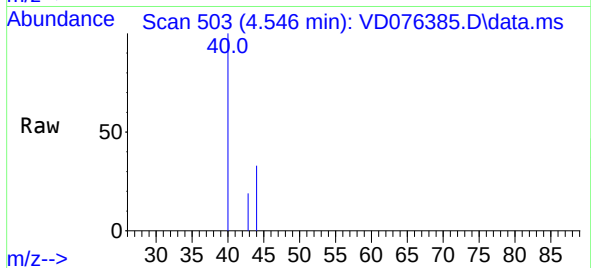




#18
Methyl Acetate
Concen: 1.676 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

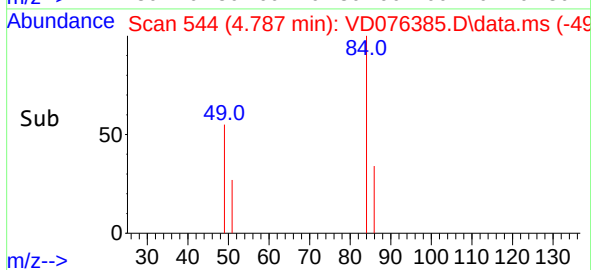
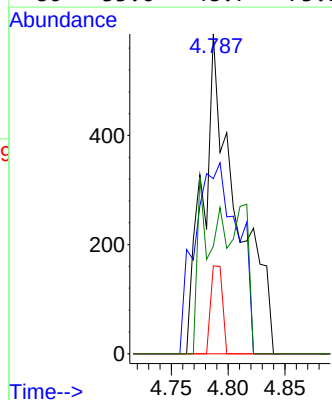
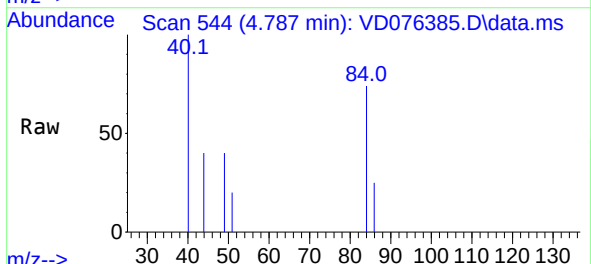
Instrument :
MSVOA_D
ClientSampleId :
GP-01

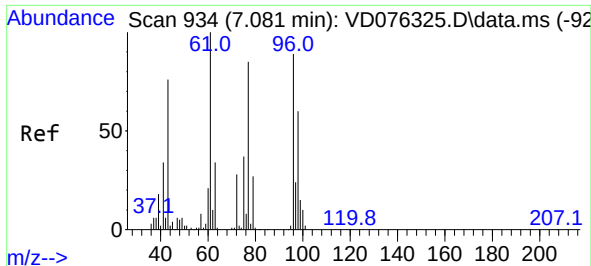
Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 4.321 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

Tgt Ion: 84 Resp: 1186
Ion Ratio Lower Upper
84 100
49 54.8 71.4 107.2#
51 27.5 24.5 36.7
86 33.6 48.7 73.1#

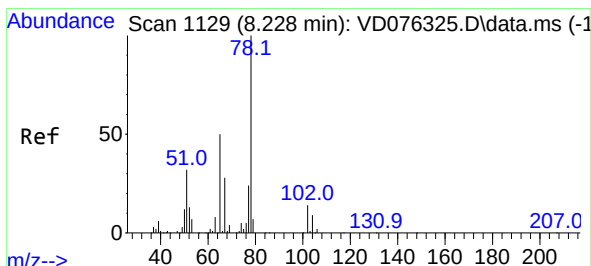
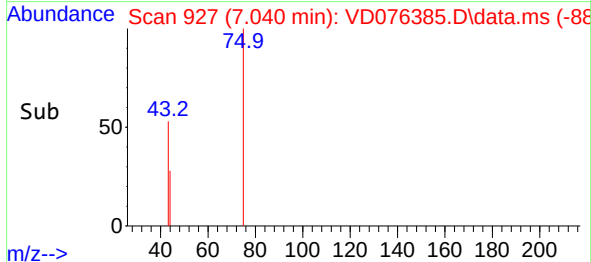
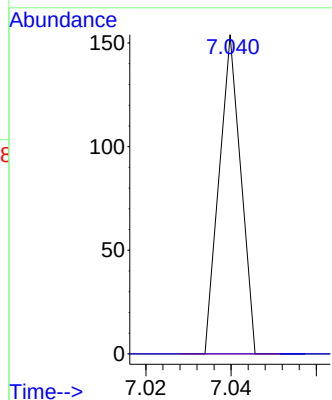
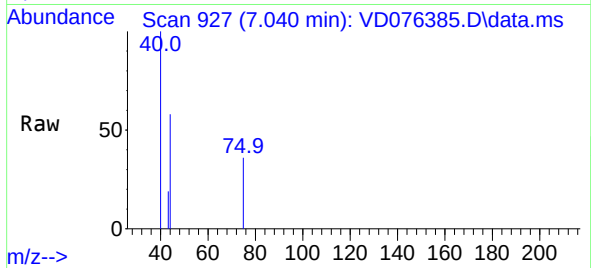




#25
2-Butanone
Concen: 2.272 ug/l
RT: 7.040 min Scan# 91
Delta R.T. -0.041 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

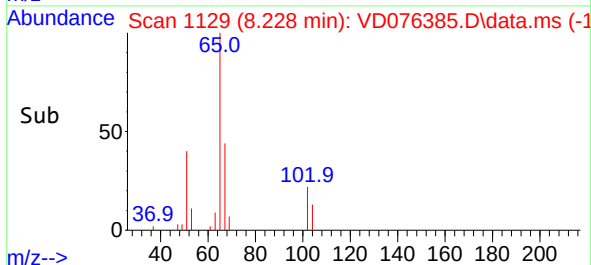
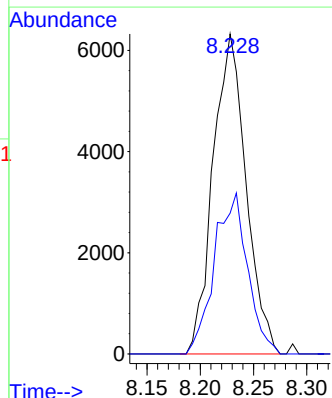
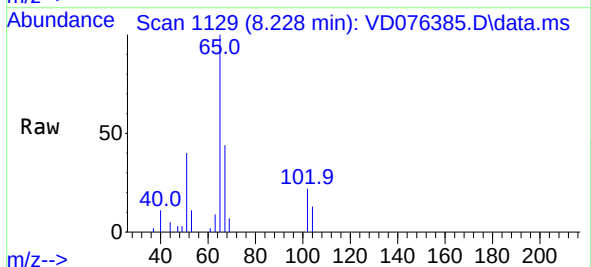
Instrument :
MSVOA_D
ClientSampleId :
GP-01

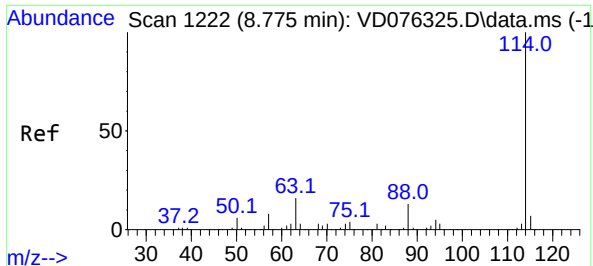
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 145.264 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

Tgt Ion: 65 Resp: 13613
Ion Ratio Lower Upper
65 100
67 50.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076385.D

Acq: 08 Jun 2023 21:02

Instrument :

MSVOA_D

ClientSampleId :

GP-01

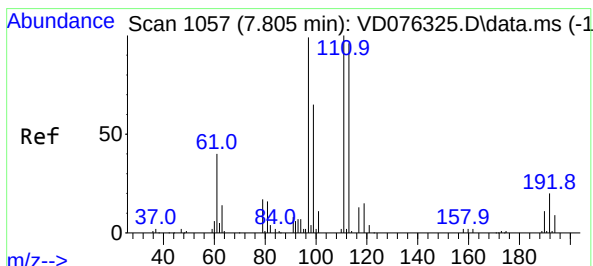
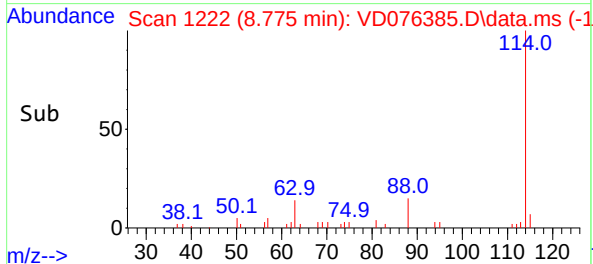
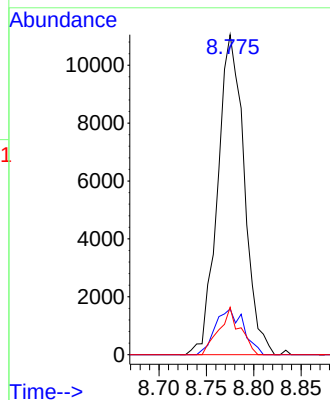
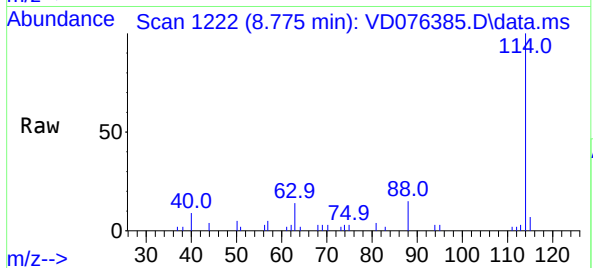
Tgt Ion:114 Resp: 21564

Ion Ratio Lower Upper

114 100

63 14.3 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 94.531 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076385.D

Acq: 08 Jun 2023 21:02

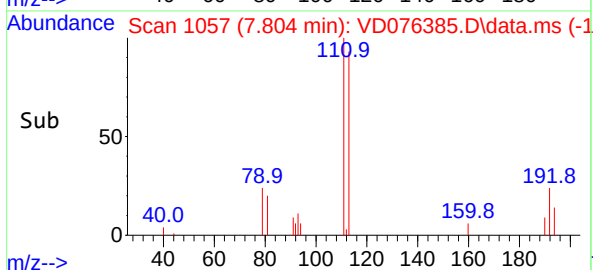
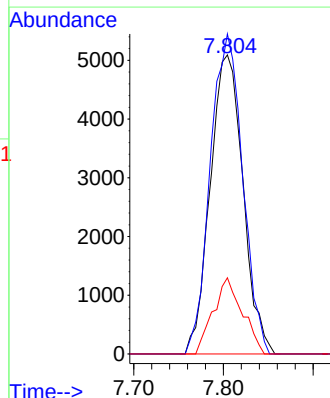
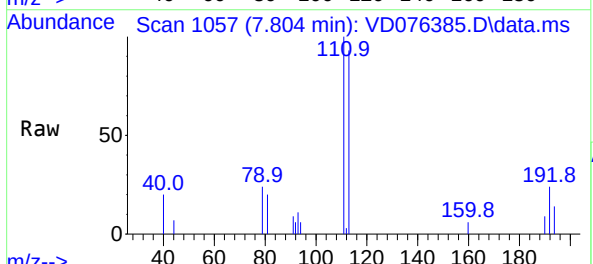
Tgt Ion:113 Resp: 12943

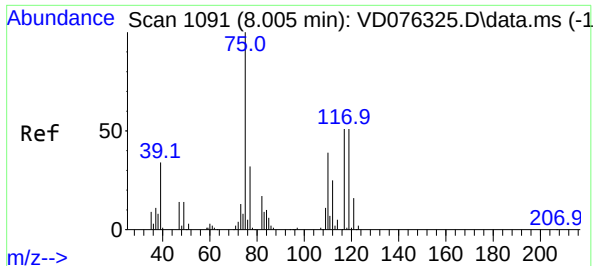
Ion Ratio Lower Upper

113 100

111 105.4 84.7 127.1

192 22.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.233 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076385.D

Acq: 08 Jun 2023 21:02

Instrument :

MSVOA_D

ClientSampleId :

GP-01

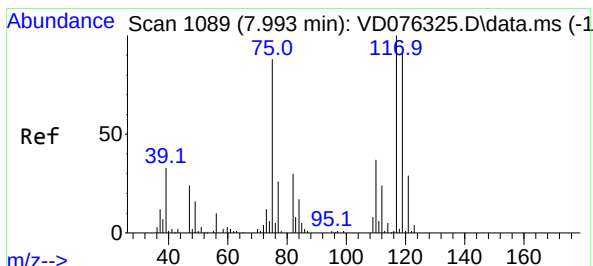
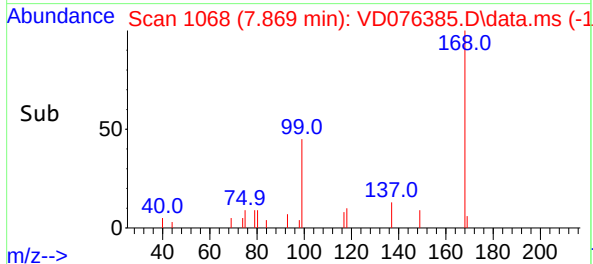
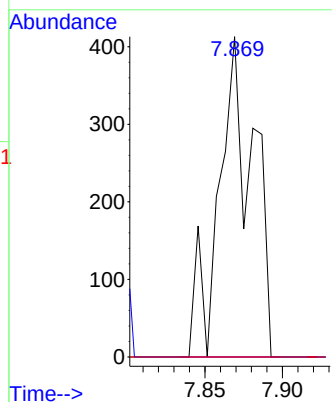
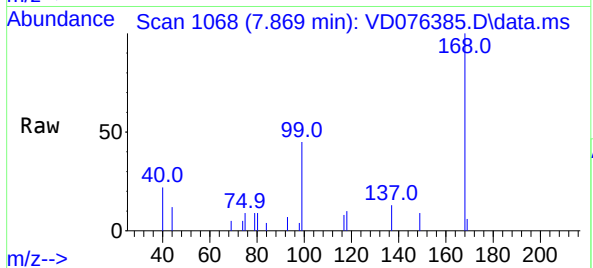
Tgt Ion: 75 Resp: 636

Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.535 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076385.D

Acq: 08 Jun 2023 21:02

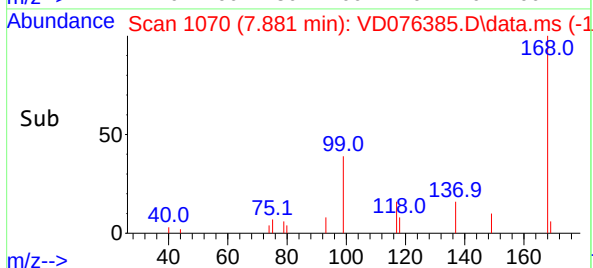
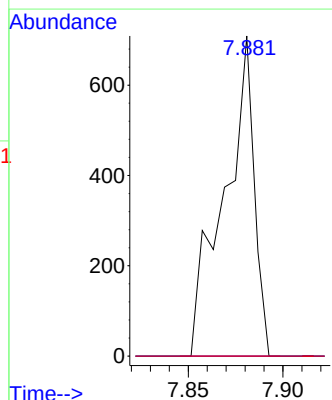
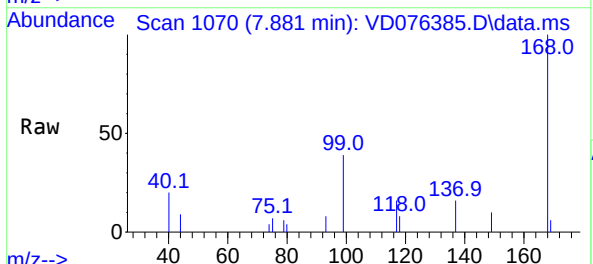
Tgt Ion: 117 Resp: 782

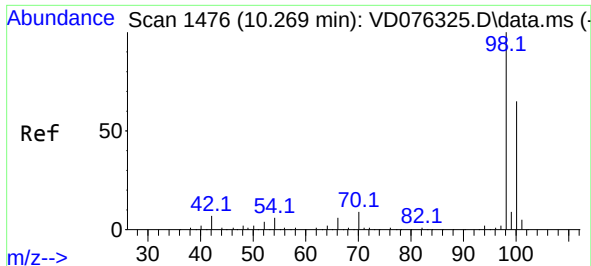
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

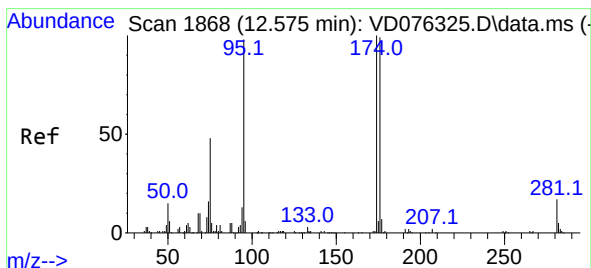
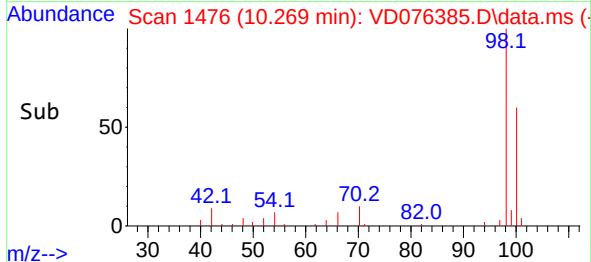
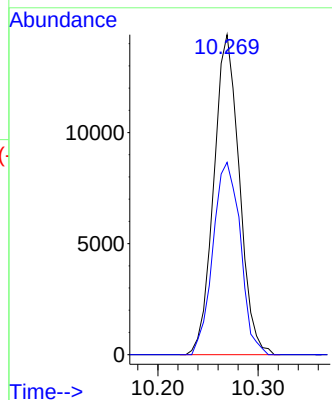
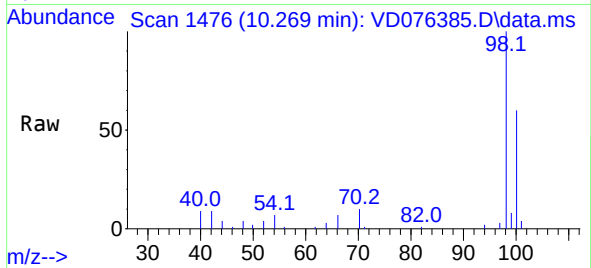




#50
Toluene-d8
Concen: 46.689 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

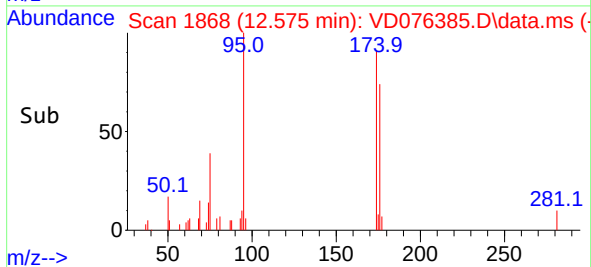
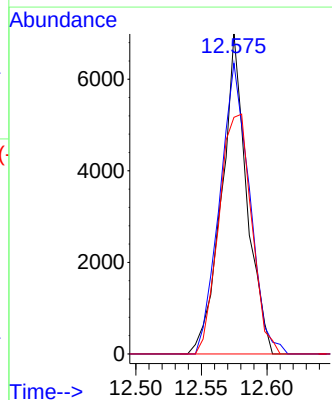
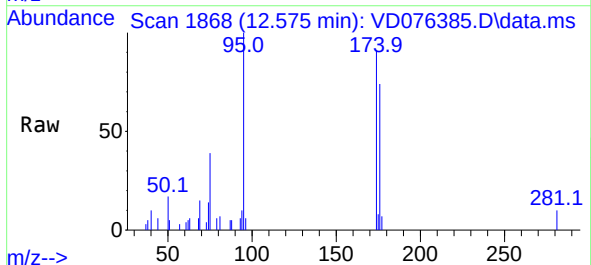
Instrument :
MSVOA_D
ClientSampleId :
GP-01

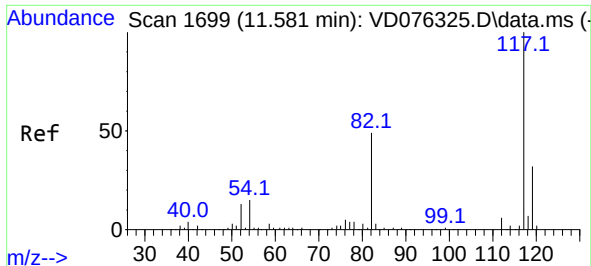
Tgt Ion: 98 Resp: 25452
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.458 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

Tgt Ion: 95 Resp: 9299
Ion Ratio Lower Upper
95 100
174 107.1 0.0 201.8
176 97.2 0.0 191.8

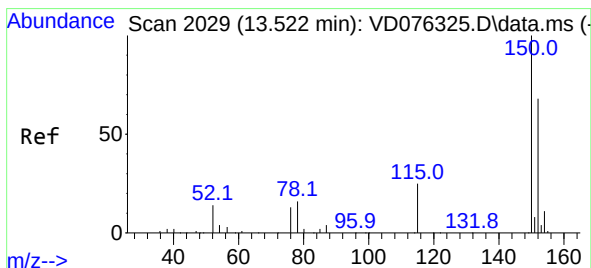
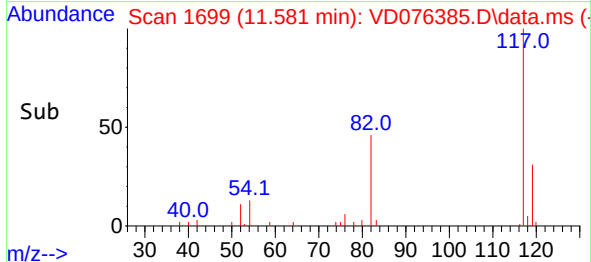
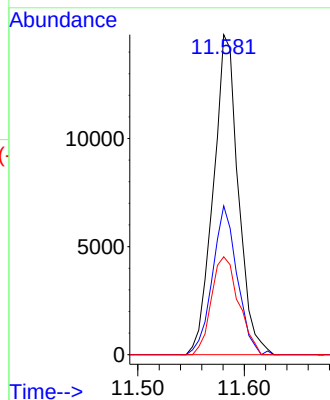
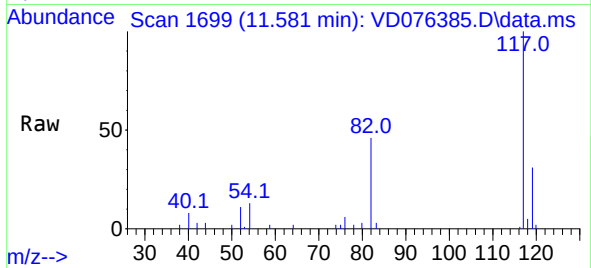




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

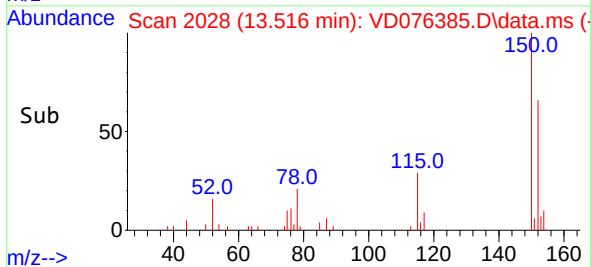
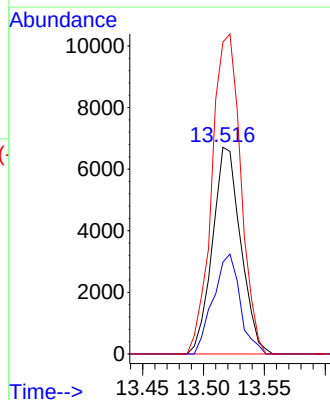
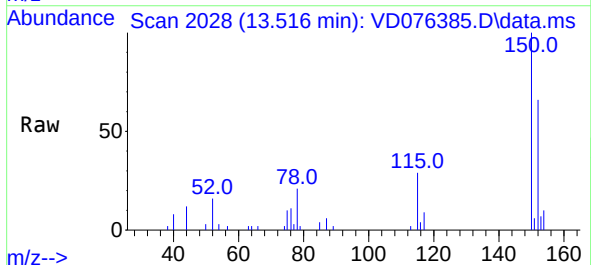
Instrument :
MSVOA_D
ClientSampleId :
GP-01

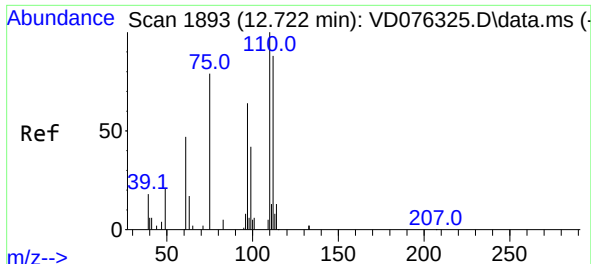
Tgt Ion:117	Resp:	24135
Ion	Ratio	Lower Upper
117	100	
82	46.5	38.3 57.5
119	30.6	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

Tgt Ion:152	Resp:	10853
Ion	Ratio	Lower Upper
152	100	
115	45.8	27.1 81.3
150	158.2	0.0 353.6

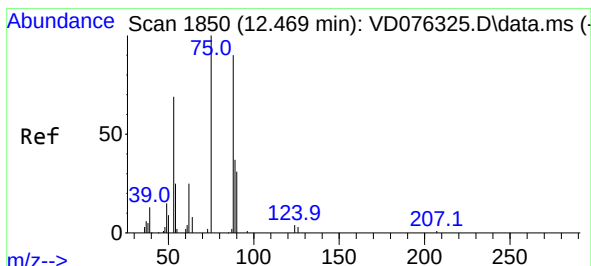
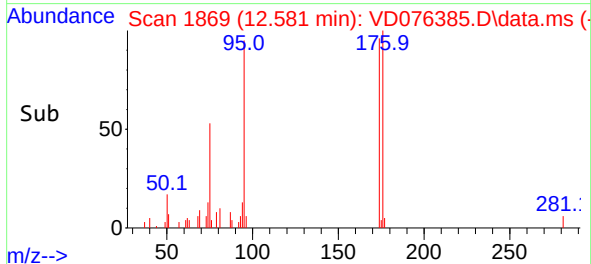
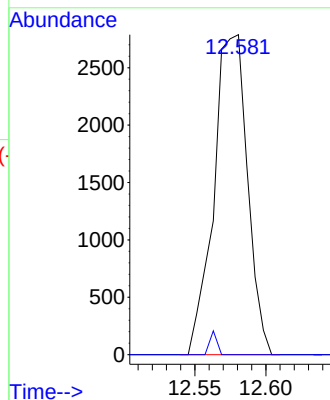
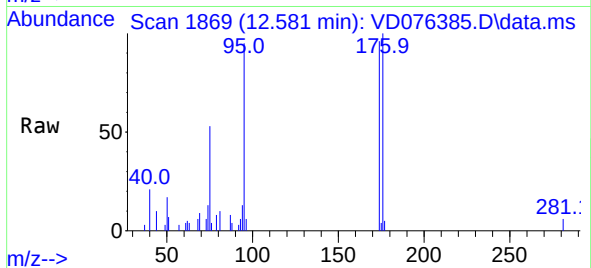




#76
1,2,3-Trichloropropane
Concen: 45.376 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.141 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

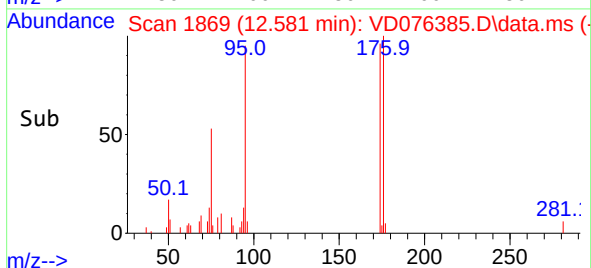
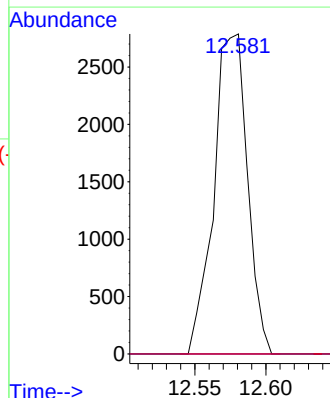
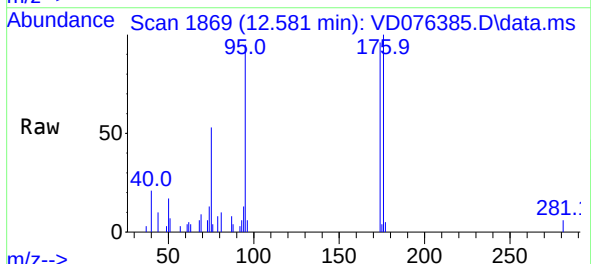
Instrument :
MSVOA_D
ClientSampleId :
GP-01

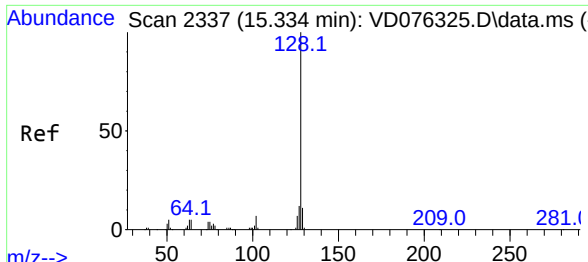
Tgt Ion: 75 Resp: 4597
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.679 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

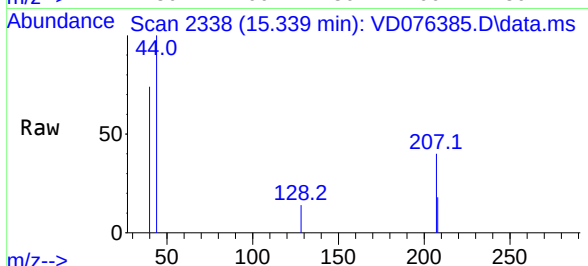
Tgt Ion: 75 Resp: 4597
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.555 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076385.D
Acq: 08 Jun 2023 21:02

Instrument :
MSVOA_D
ClientSampleId :
GP-01



Tgt Ion:	128	Resp:	109
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

