

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076555.D
 Acq On : 23 Jun 2023 13:35
 Operator : KP/SY
 Sample : 03352-01RE
 Misc : 4.27G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-3-062023RE

Quant Time: Jun 23 16:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

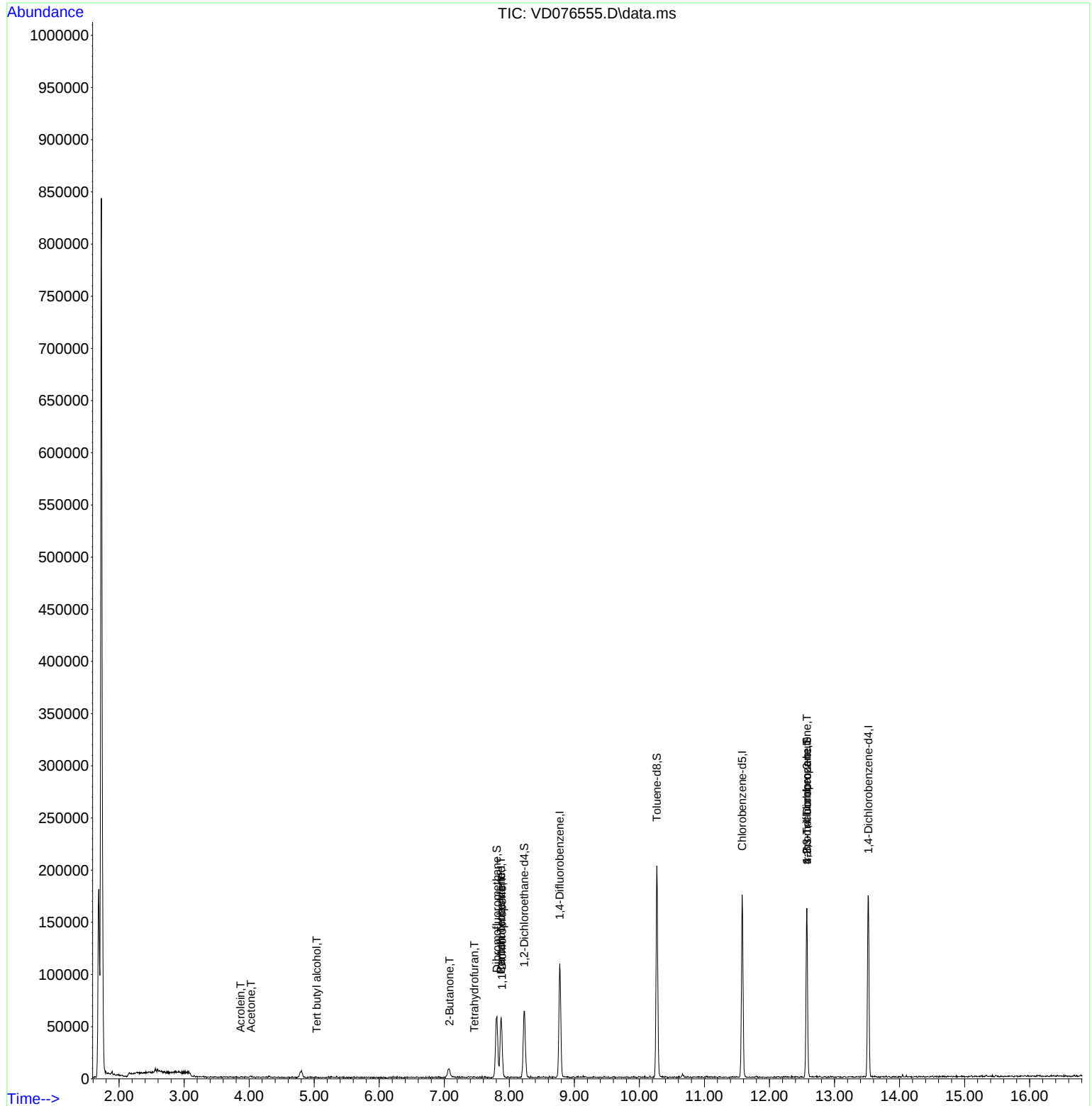
Internal Standards								
1) Pentafluorobenzene	7.875	168	44251	50.000	ug/l	0.00		
34) 1,4-Difluorobenzene	8.775	114	92601	50.000	ug/l	0.00		
63) Chlorobenzene-d5	11.581	117	95410	50.000	ug/l	0.00		
72) 1,4-Dichlorobenzene-d4	13.522	152	47125	50.000	ug/l	0.00		
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4	8.228	65	50924	114.860	ug/l	0.00		
Spiked Amount	50.000	Range	50 - 163	Recovery	= 229.720%#			
35) Dibromofluoromethane	7.810	113	41191	74.877	ug/l	0.00		
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.760%#			
50) Toluene-d8	10.269	98	134964	64.691	ug/l	0.00		
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.380%			
62) 4-Bromofluorobenzene	12.575	95	47133	69.611	ug/l	0.00		
Spiked Amount	50.000	Range	30 - 143	Recovery	= 139.220%			
Target Compounds			Qvalue					
11) Tert butyl alcohol	5.040	59	56	1.463	ug/l #	73		
13) Acrolein	3.869	56	74	1.795	ug/l #	15		
16) Acetone	4.028	43	1840	17.440	ug/l #	60		
20) Methylene Chloride	4.811	84	3983	Below Cal	# 88			
25) 2-Butanone	7.081	43	256	1.569	ug/l #	37		
28) Bromochloromethane	7.516	49	64	Below Cal	# 1			
29) Tetrahydrofuran	7.463	42	351	3.347	ug/l #	23		
31) Cyclohexane	7.863	56	877	Below Cal	# 31			
36) 1,1-Dichloropropene	7.887	75	4087	5.305	ug/l #	42		
38) Carbon Tetrachloride	7.875	117	4551	6.610	ug/l #	11		
76) 1,2,3-Trichloropropane	12.575	75	26099	55.802	ug/l #	100		
81) trans-1,4-Dichloro-2-b...	12.575	75	26099	122.276	ug/l #	17		

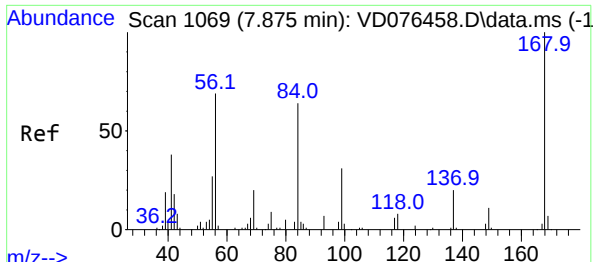
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
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BU-3-062023RE

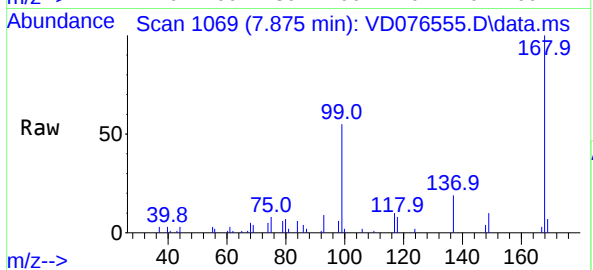
Quant Time: Jun 23 16:33:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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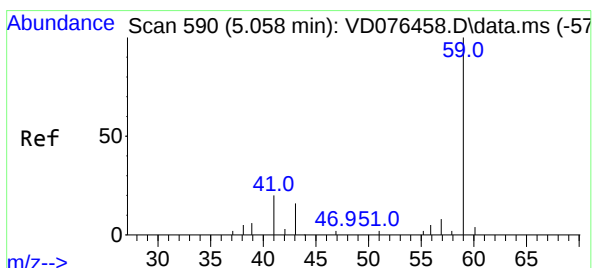
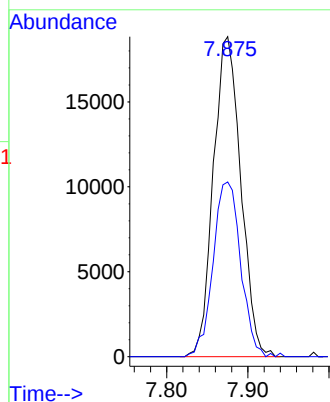
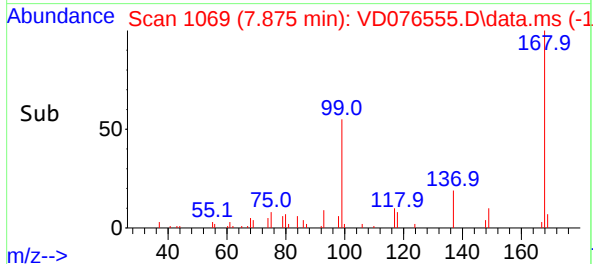


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

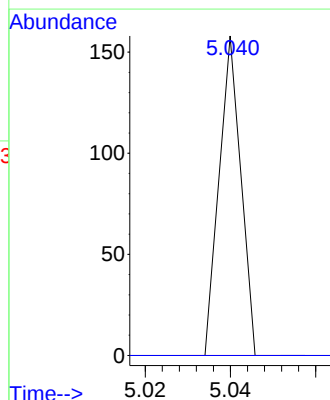
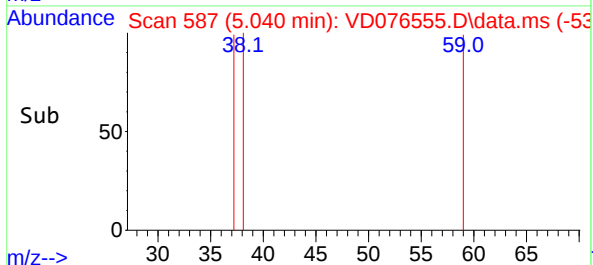
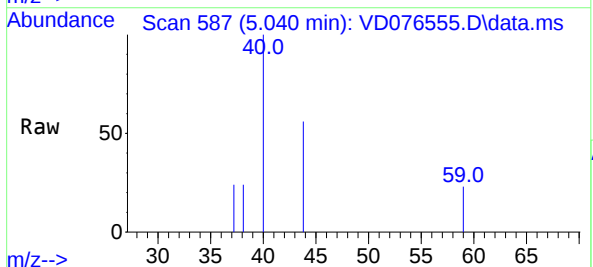


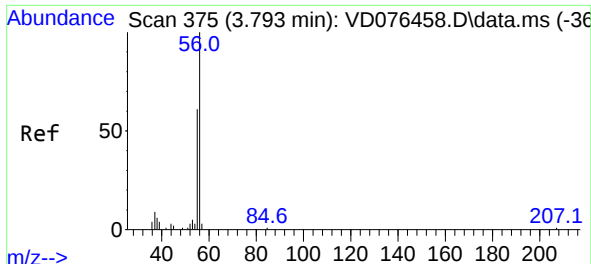
Tgt Ion:168 Resp: 44251
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.463 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.018 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

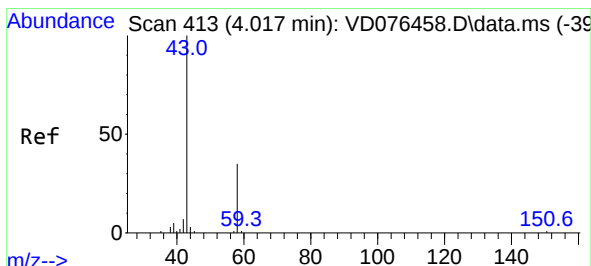
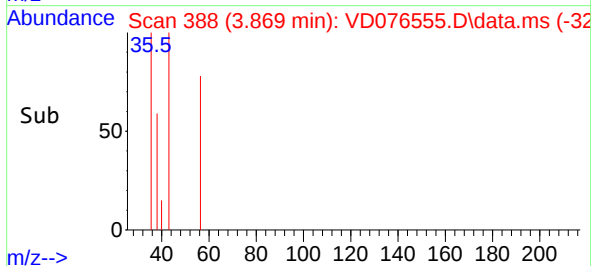
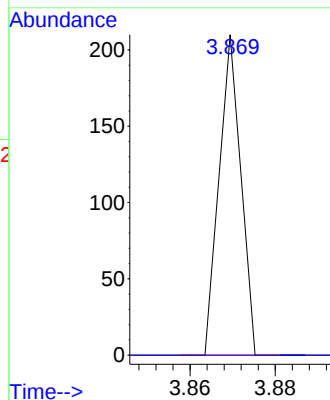
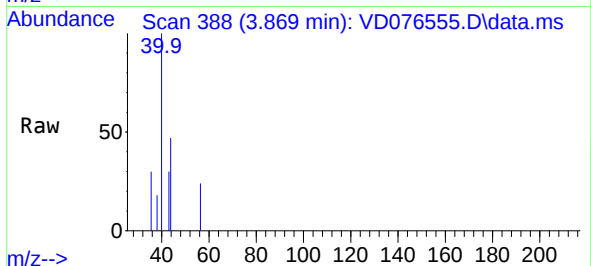




#13
Acrolein
Concen: 1.795 ug/l
RT: 3.869 min Scan# 31
Delta R.T. 0.076 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

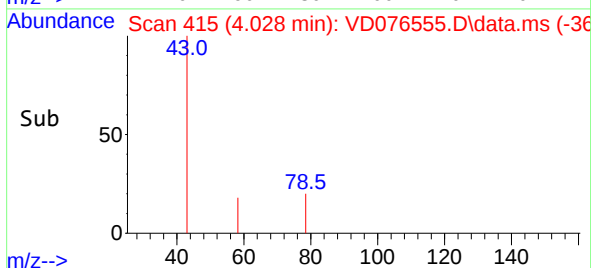
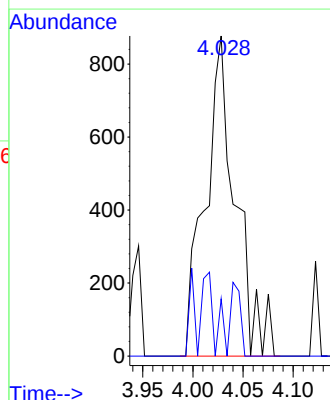
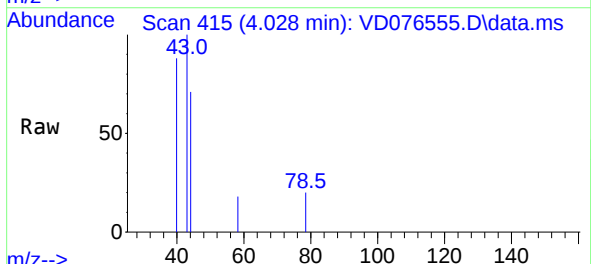
Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

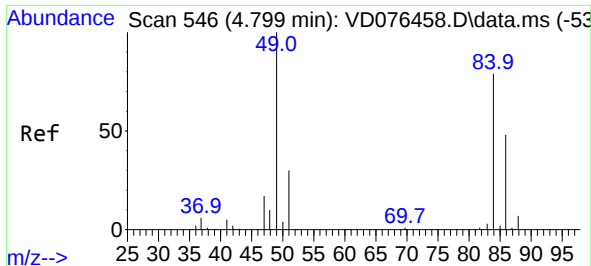
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#16
Acetone
Concen: 17.440 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 17.9 34.7 52.1#



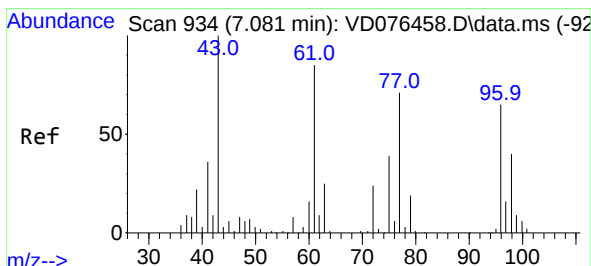
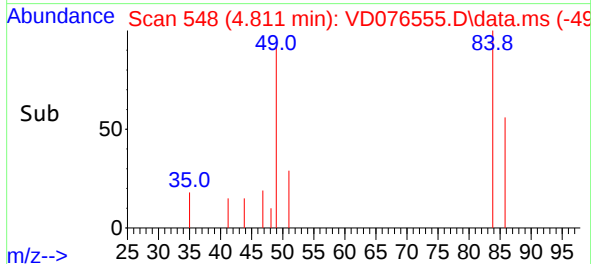
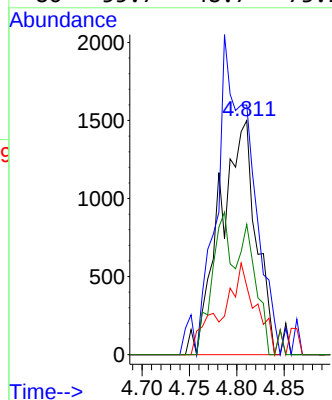
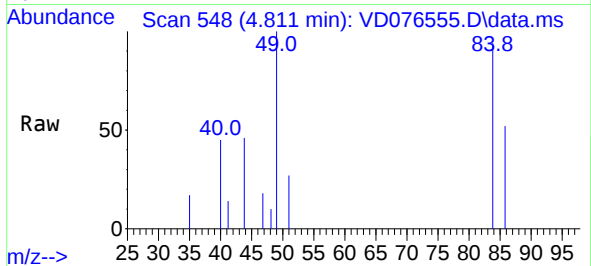


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.011 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

Tgt Ion: 84 Resp: 3983

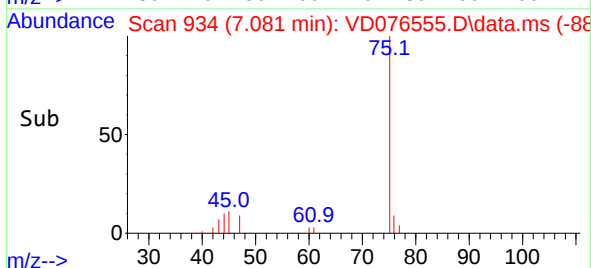
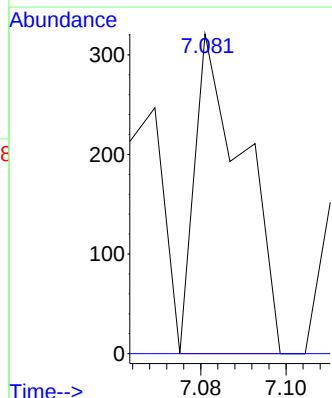
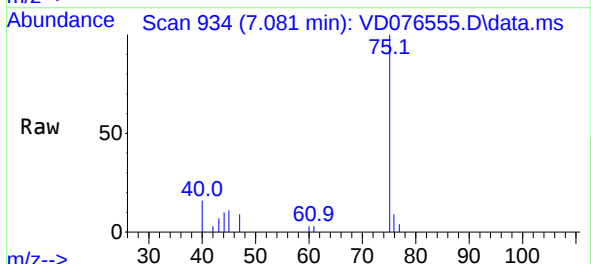
Ion	Ratio	Lower	Upper
84	100		
49	106.7	71.4	107.2
51	29.2	24.5	36.7
86	55.7	48.7	73.1

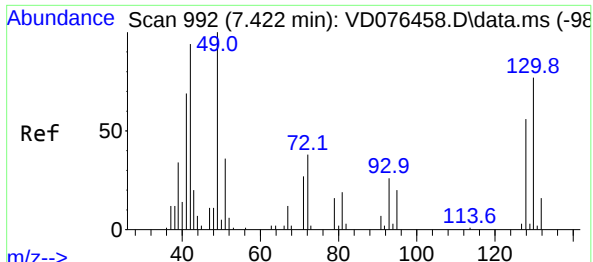


#25
2-Butanone
Concen: 1.569 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 43 Resp: 256

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

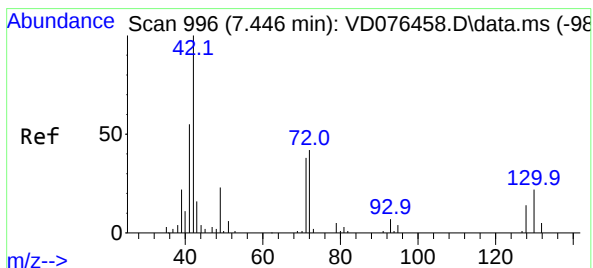
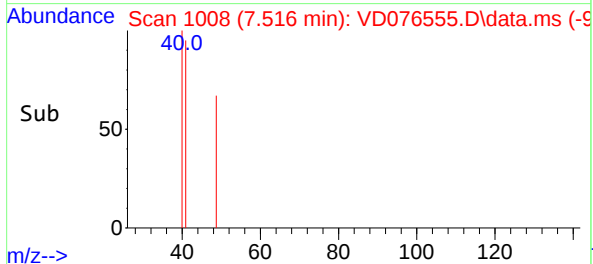
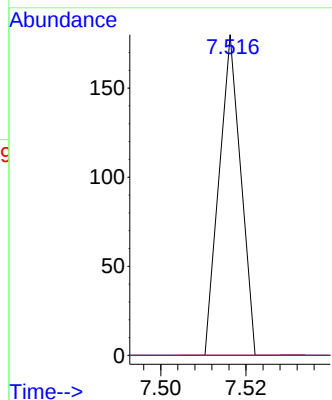
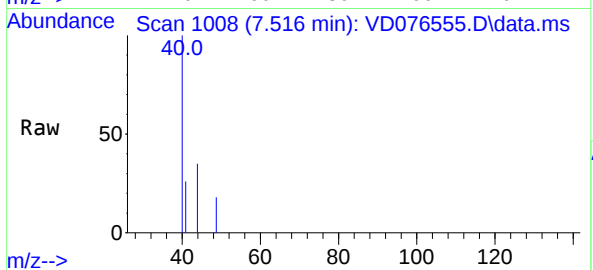




#28
Bromochloromethane
Concen: Below Cal
RT: 7.516 min Scan# 1008
Delta R.T. 0.094 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

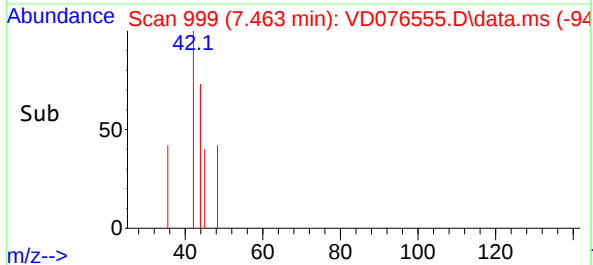
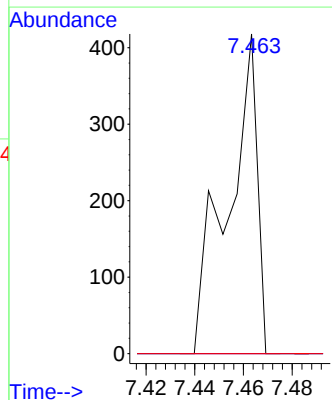
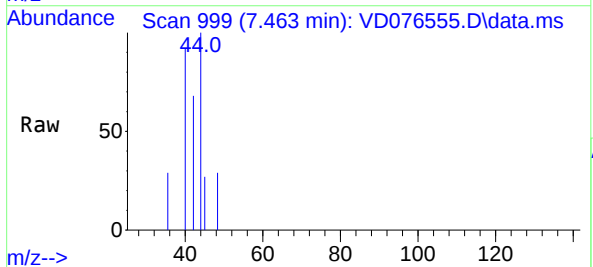
Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

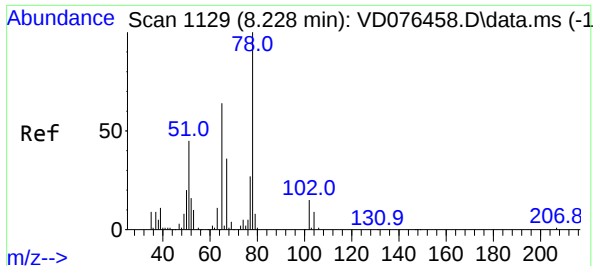
Tgt Ion: 49 Resp: 64
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#29
Tetrahydrofuran
Concen: 3.347 ug/l
RT: 7.463 min Scan# 999
Delta R.T. 0.017 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 42 Resp: 351
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#





#33

1,2-Dichloroethane-d4

Concen: 114.860 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076555.D

Acq: 23 Jun 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

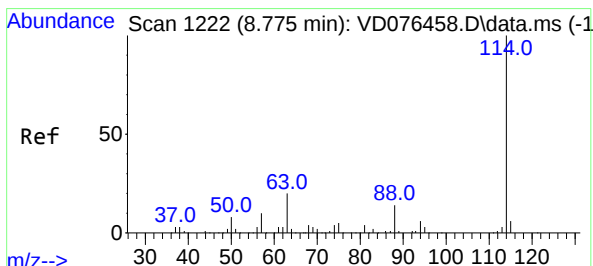
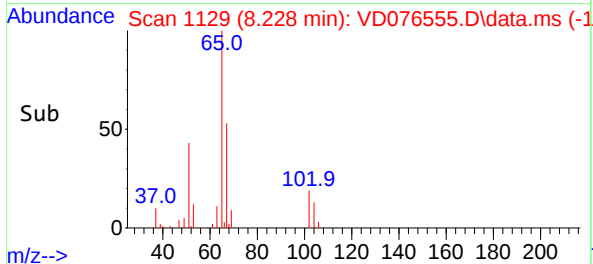
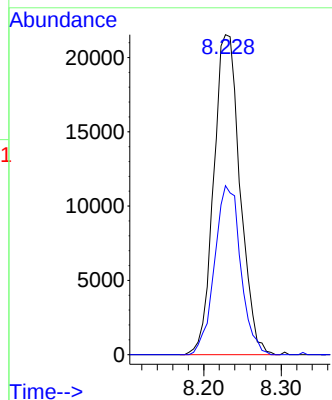
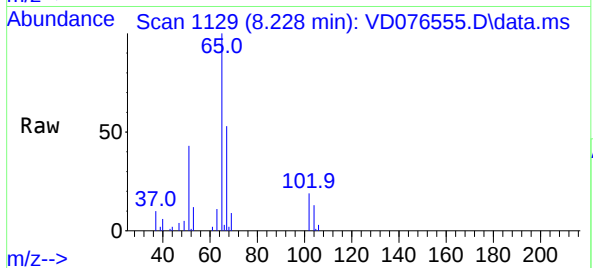
BU-3-062023RE

Tgt Ion: 65 Resp: 50924

Ion Ratio Lower Upper

65 100

67 52.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076555.D

Acq: 23 Jun 2023 13:35

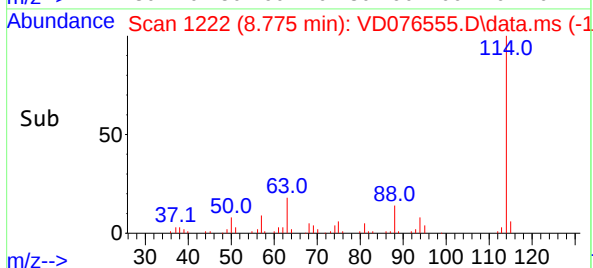
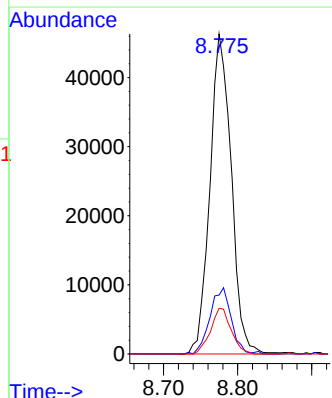
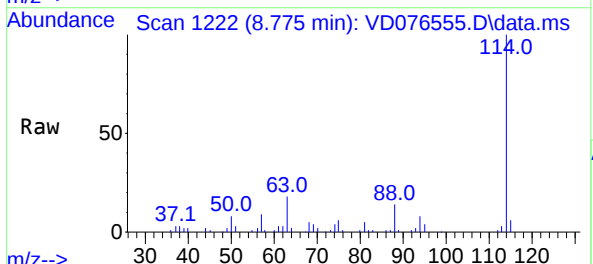
Tgt Ion: 114 Resp: 92601

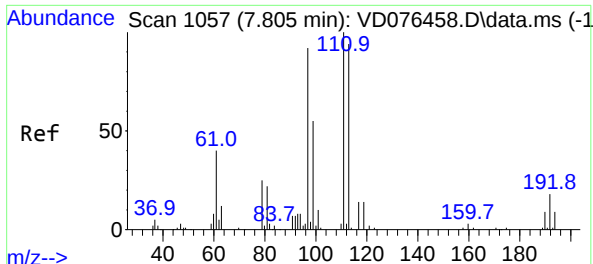
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.3 0.0 26.2

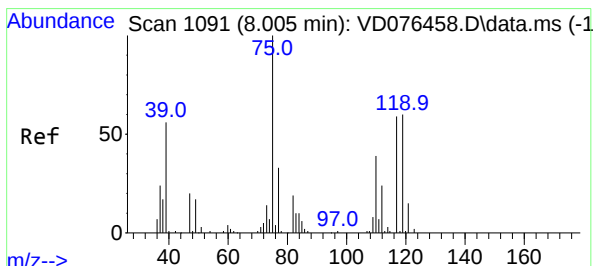
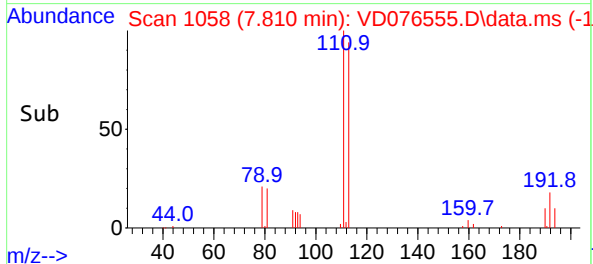
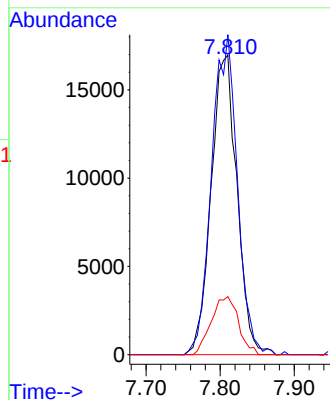
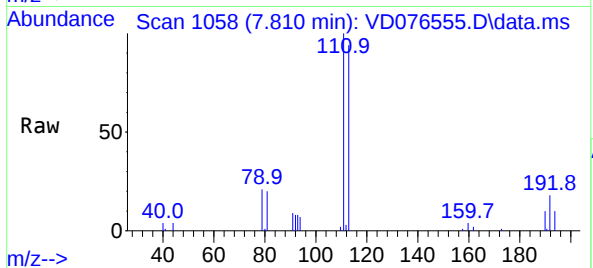




#35
Dibromofluoromethane
Concen: 74.877 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

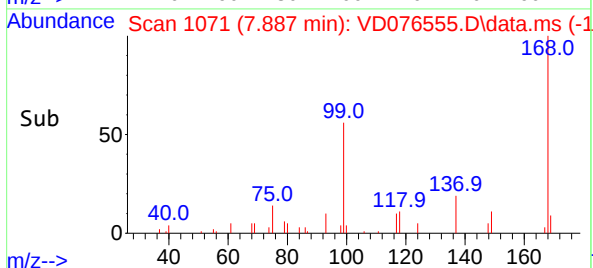
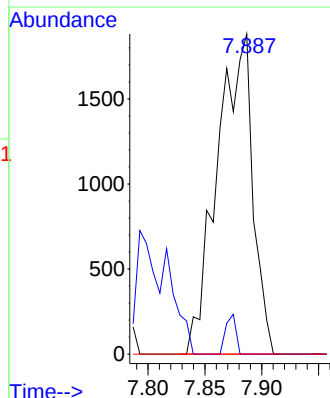
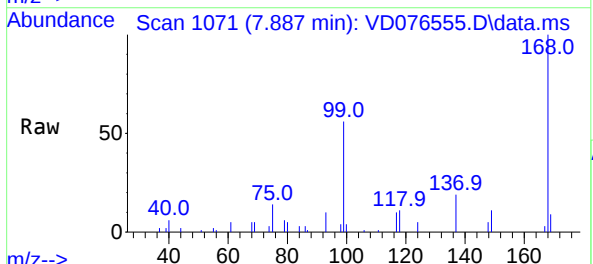
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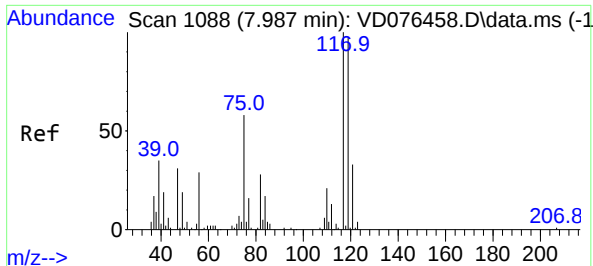
Tgt Ion:113 Resp: 41191
Ion Ratio Lower Upper
113 100
111 106.1 84.7 127.1
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.305 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. -0.118 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 75 Resp: 4087
Ion Ratio Lower Upper
75 100
110 3.6 19.9 59.6#
77 0.0 24.7 37.1#

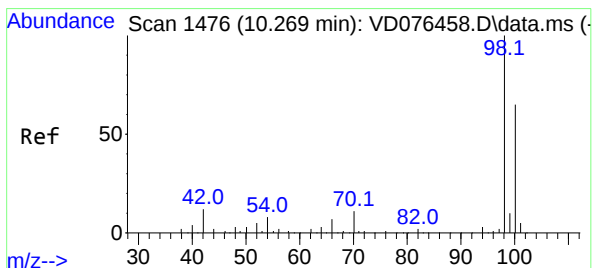
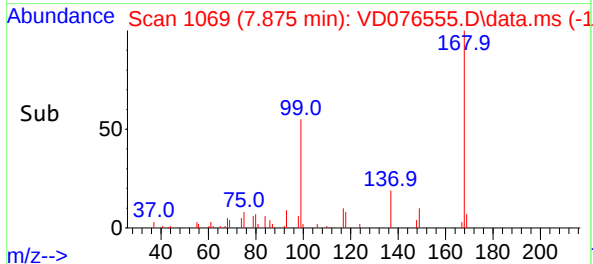
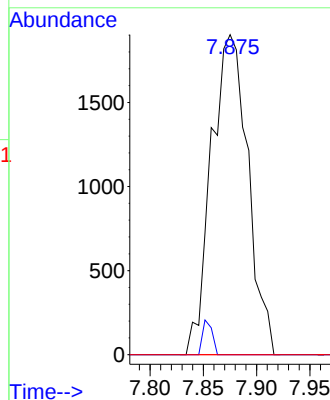
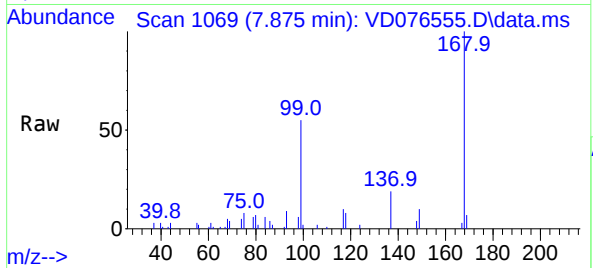




#38
Carbon Tetrachloride
Concen: 6.610 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

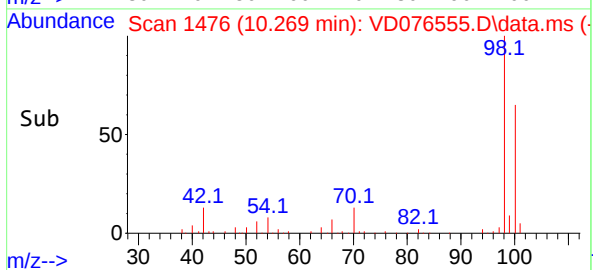
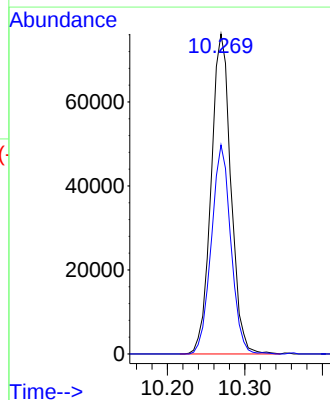
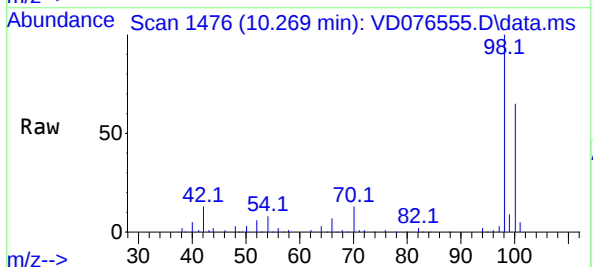
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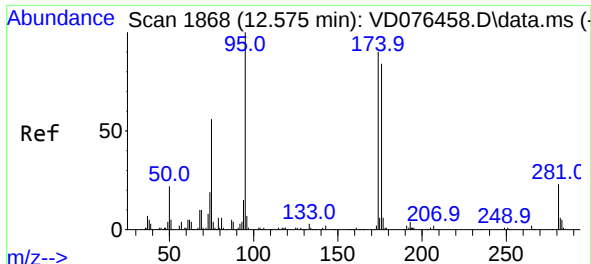
Tgt Ion:117 Resp: 4551
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 64.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion: 98 Resp: 134964
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

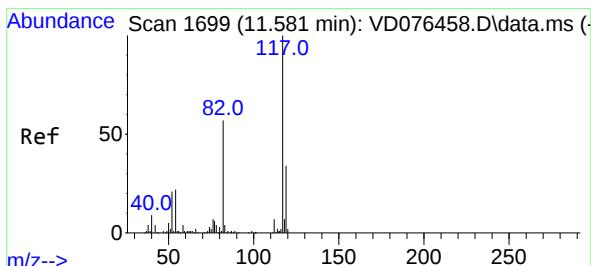
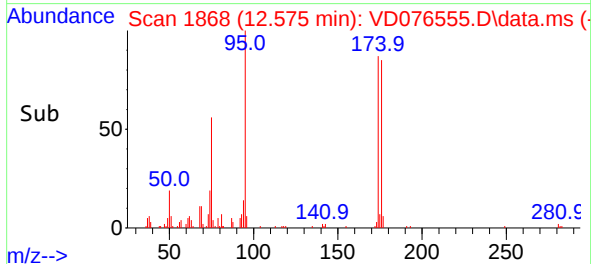
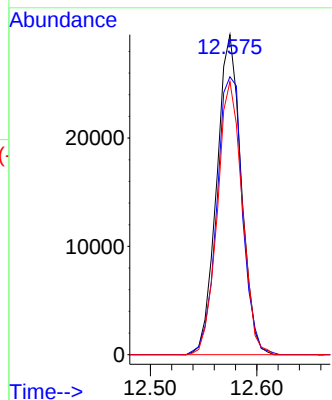
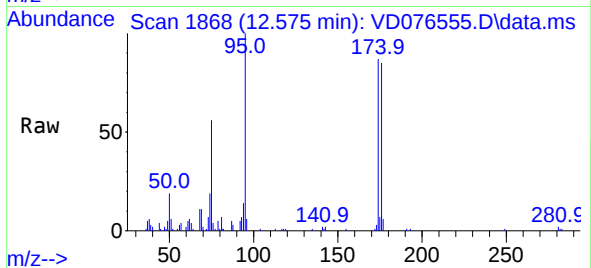




#62
4-Bromofluorobenzene
Concen: 69.611 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

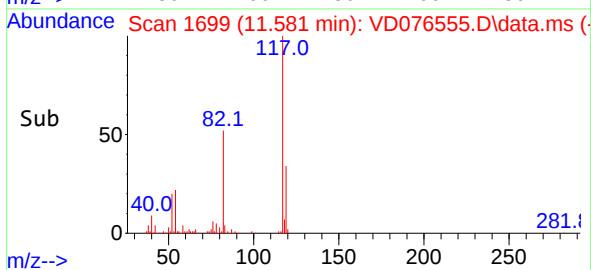
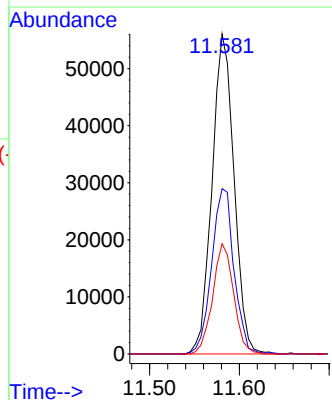
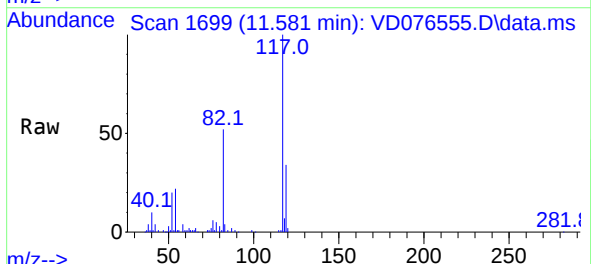
Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

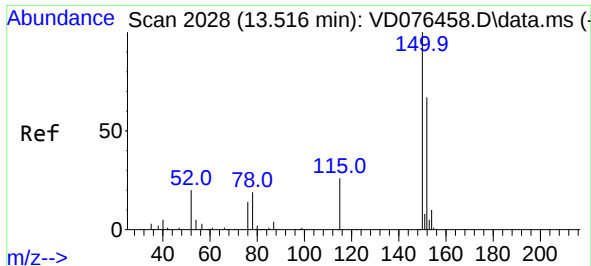
Tgt Ion:	95	Resp:	47133
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	201.8
176	86.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

Tgt Ion:	117	Resp:	95410
Ion	Ratio	Lower	Upper
117	100		
82	51.6	38.3	57.5
119	34.4	25.0	37.4

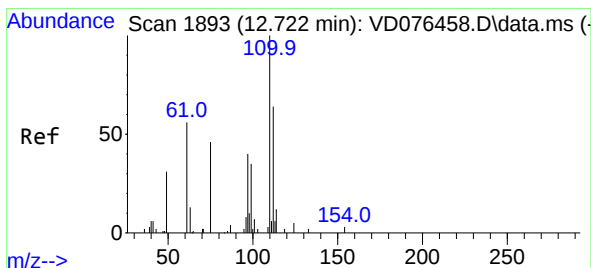
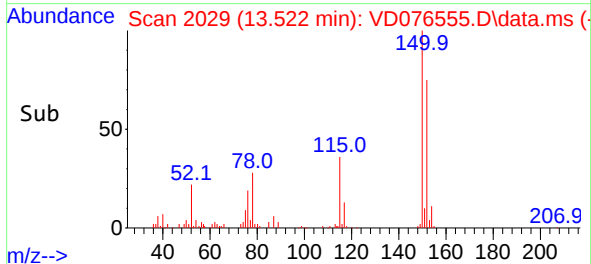
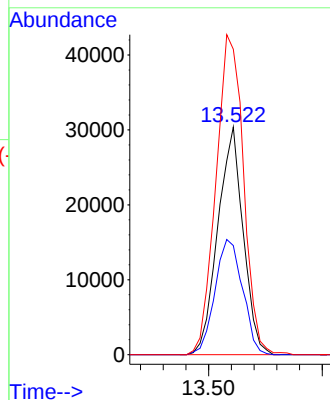
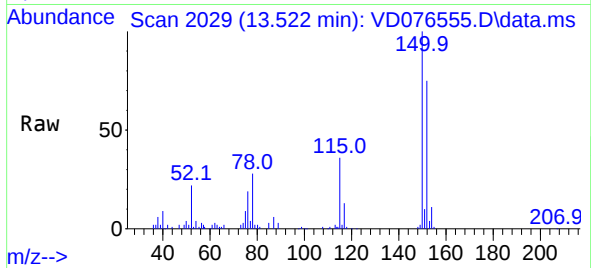




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

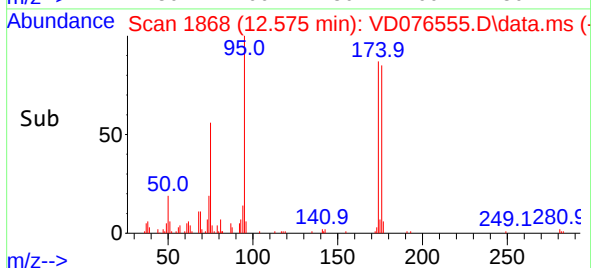
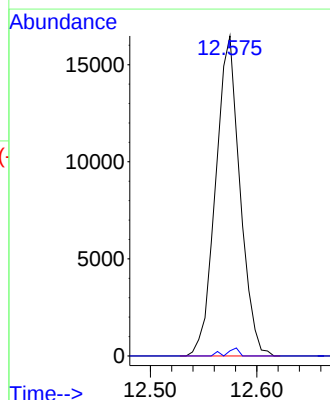
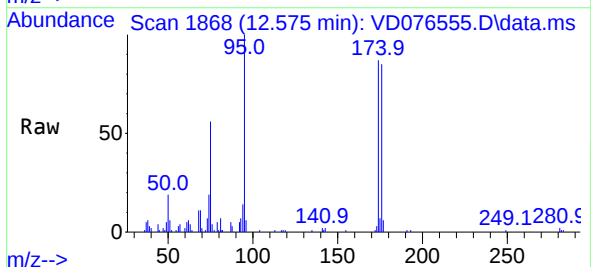
Instrument :
MSVOA_D
ClientSampleId :
BU-3-062023RE

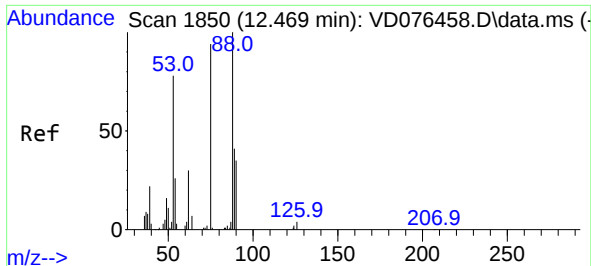
Tgt Ion:152 Resp: 47125
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 152.9 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 55.802 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076555.D
Acq: 23 Jun 2023 13:35

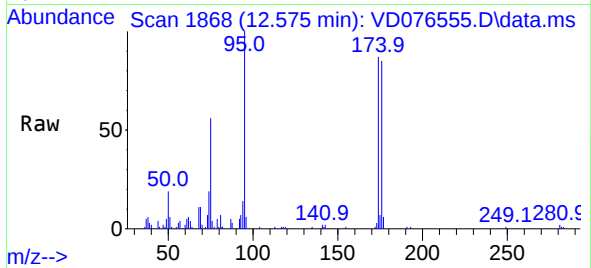
Tgt Ion: 75 Resp: 26099
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.276 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076555.D
 Acq: 23 Jun 2023 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-3-062023RE



Tgt Ion:	75	Resp:	26099
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

