

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078238.D
 Acq On : 25 Jan 2024 10:33
 Operator : RP/MD
 Sample : VD0125SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 26 05:54:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

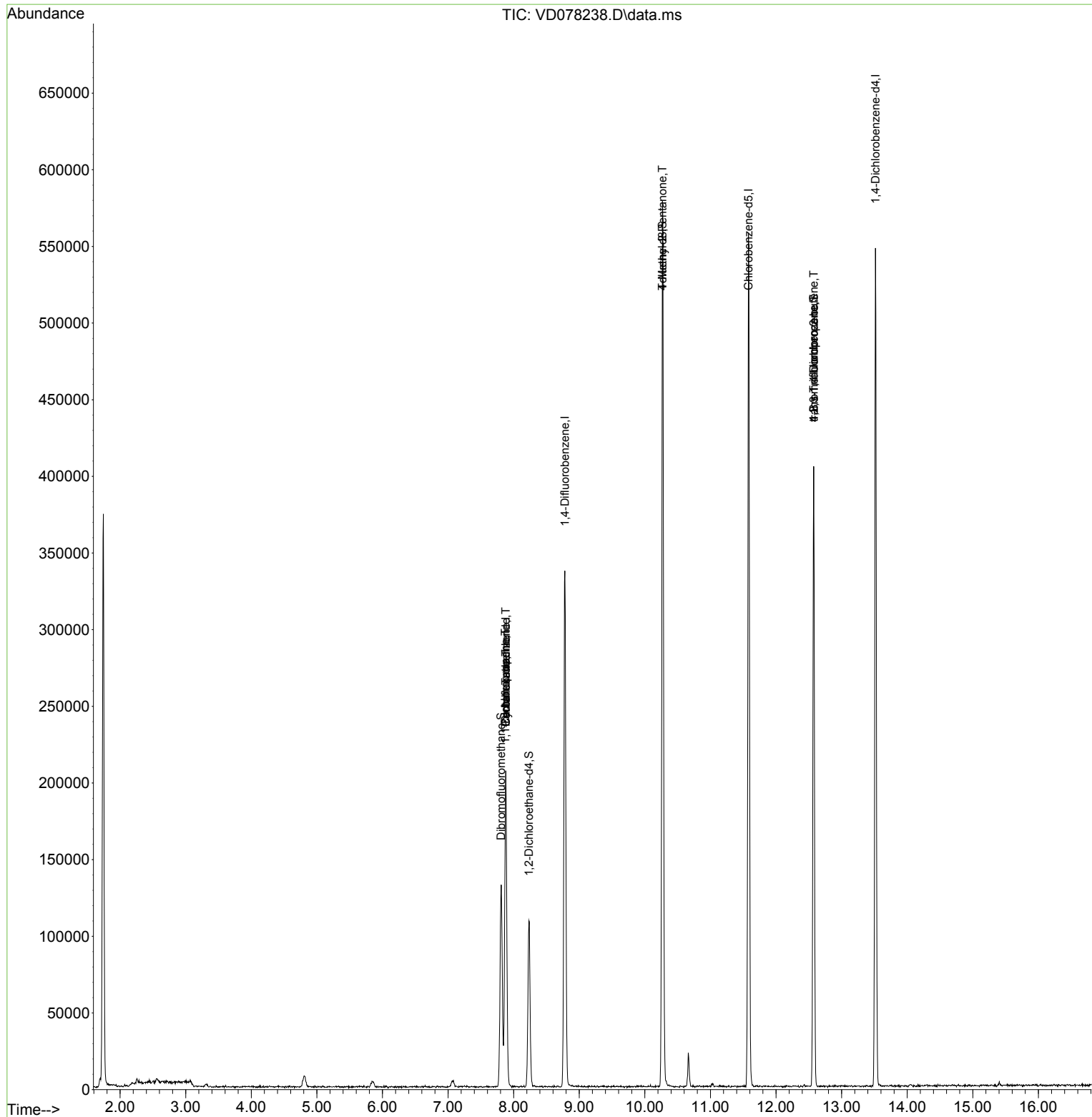
Internal Standards						
1) Pentafluorobenzene	7.881	168	147860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	310035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84003	49.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.810	113	96360	47.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.269	98	397268	49.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.575	95	122519	52.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.580%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	224	Below Cal	#	43
3) Chloromethane	2.152	50	70	Below Cal	#	41
16) Acetone	4.034	43	462	Below Cal	#	32
20) Methylene Chloride	4.799	84	2509	Below Cal	#	88
25) 2-Butanone	7.069	43	55	Below Cal	#	37
31) Cyclohexane	7.881	56	3463	1.110	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	13623	4.060	ug/l	# 44
38) Carbon Tetrachloride	7.881	117	15881	4.792	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.269	43	1776	1.477	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	67224	51.251	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	67224	110.397	ug/l	# 17

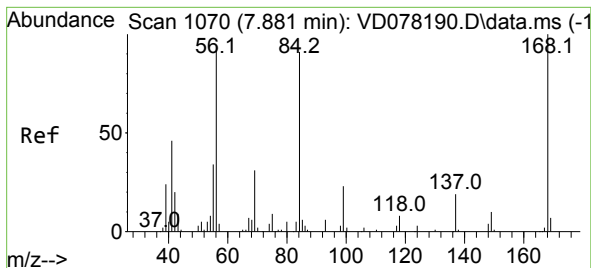
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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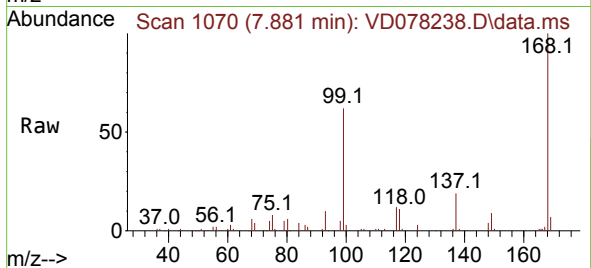
Quant Time: Jan 26 05:54:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration



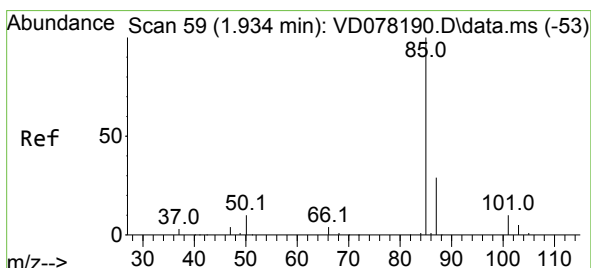
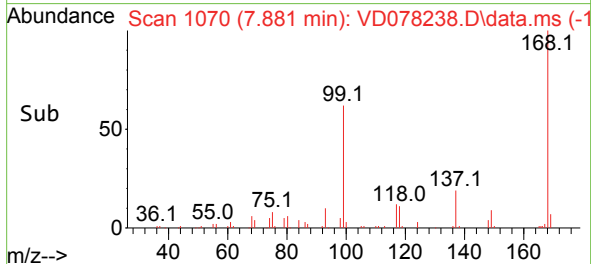
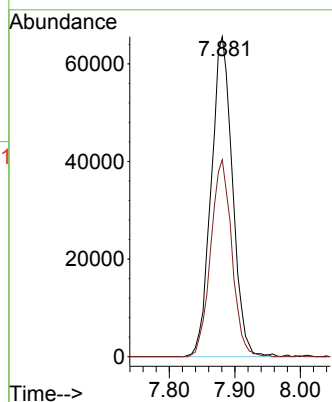


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

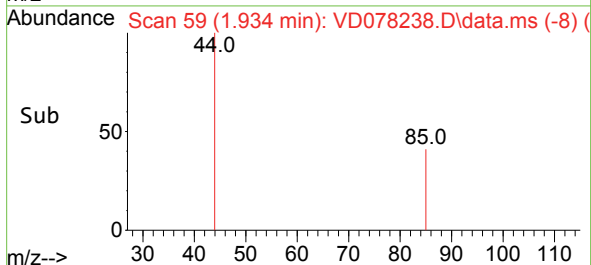
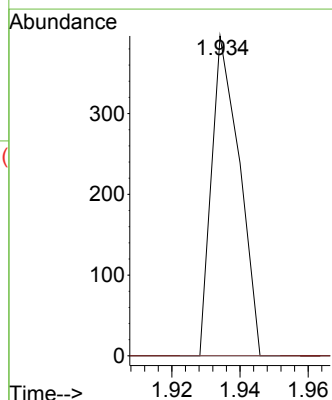
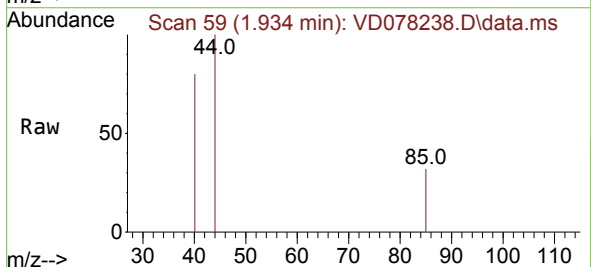


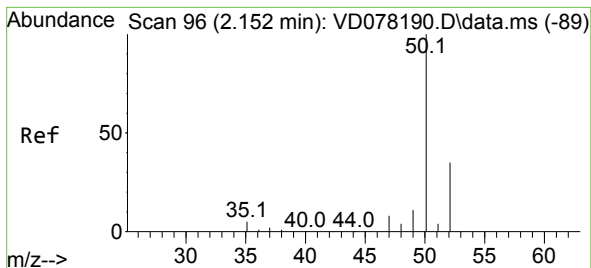
Tgt Ion:168 Resp: 147860
Ion Ratio Lower Upper
168 100
99 61.6 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Tgt Ion: 85 Resp: 224
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#





#3

Chloromethane

Concen: Below Cal

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD078238.D

Acq: 25 Jan 2024 10:33

Instrument :

MSVOA_D

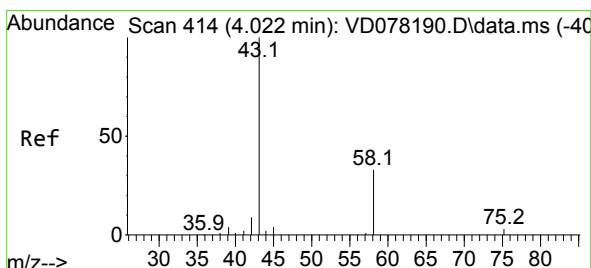
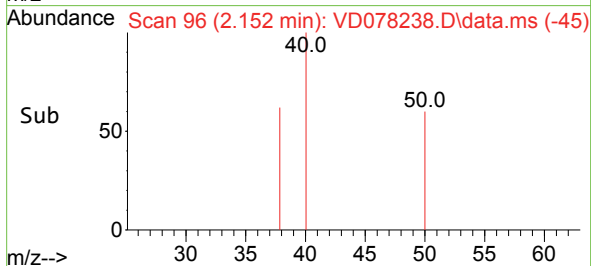
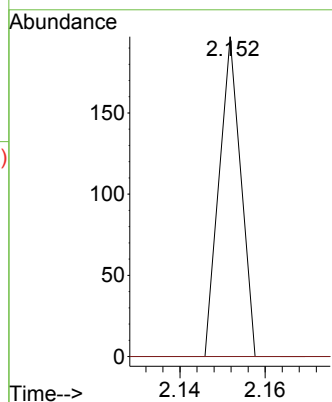
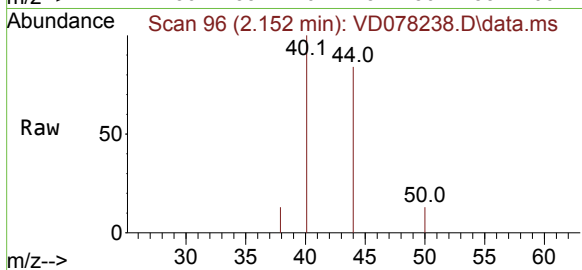
ClientSampleId :

Tgt Ion: 50 Resp: 70

Ion Ratio Lower Upper

50 100

52 0.0 26.6 40.0#



#16

Acetone

Concen: Below Cal

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD078238.D

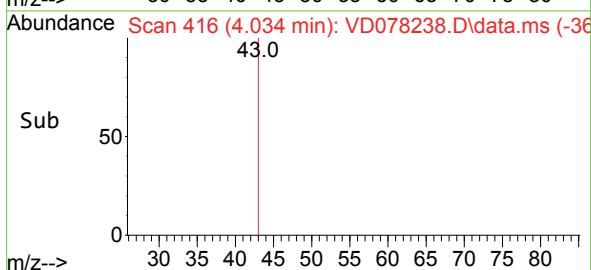
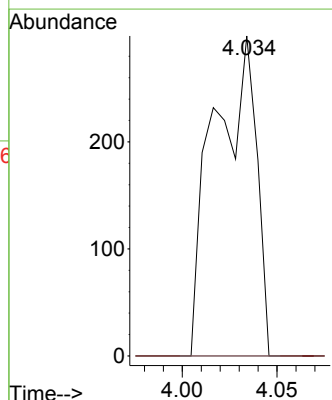
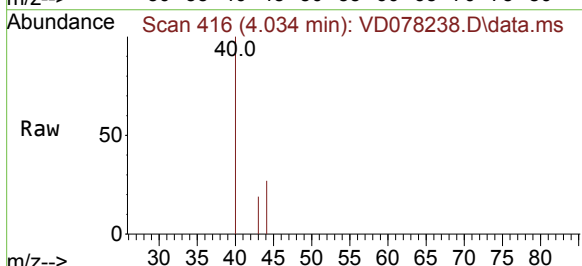
Acq: 25 Jan 2024 10:33

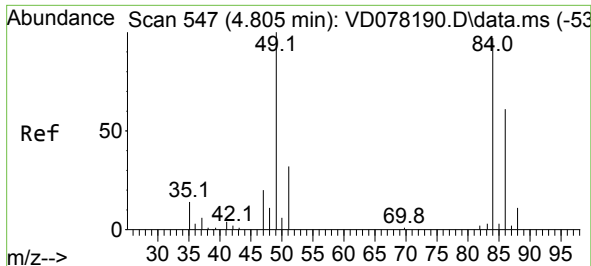
Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

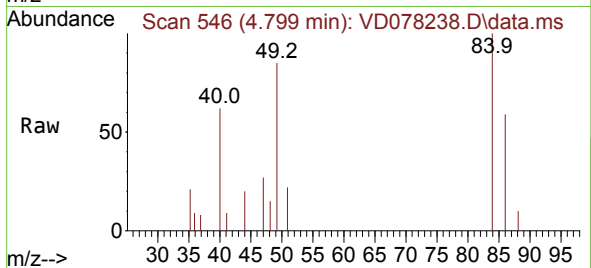
58 0.0 34.7 52.1#



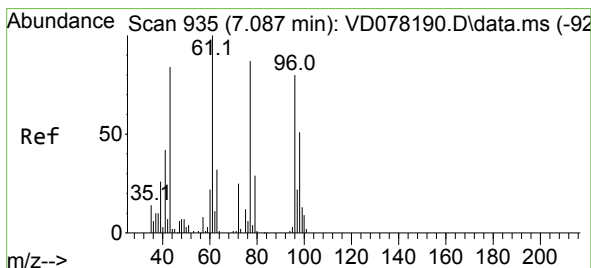
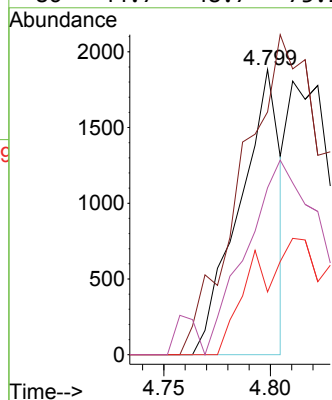
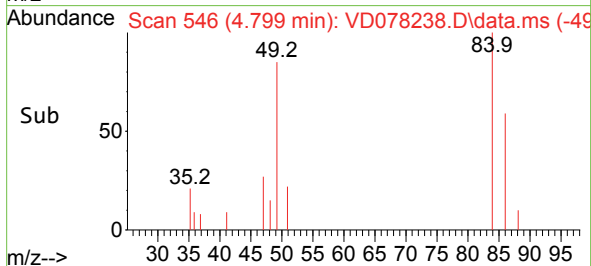


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

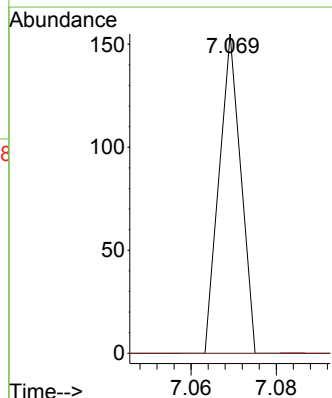
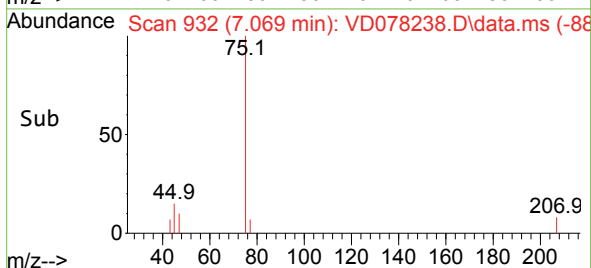
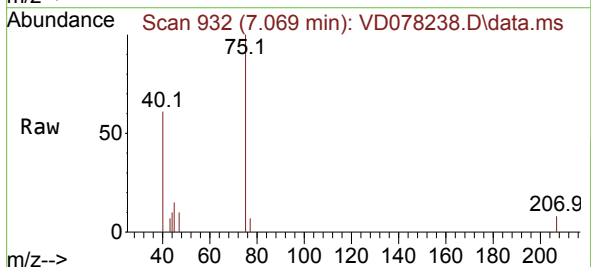


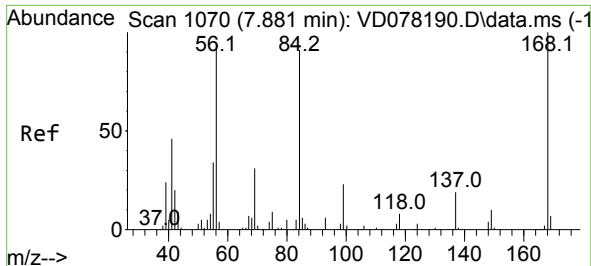
Tgt Ion: 84 Resp: 2509
Ion Ratio Lower Upper
84 100
49 85.1 71.4 107.2
51 22.0 24.5 36.7#
86 44.7 48.7 73.1#



#25
2-Butanone
Concen: Below Cal
RT: 7.069 min Scan# 932
Delta R.T. -0.018 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

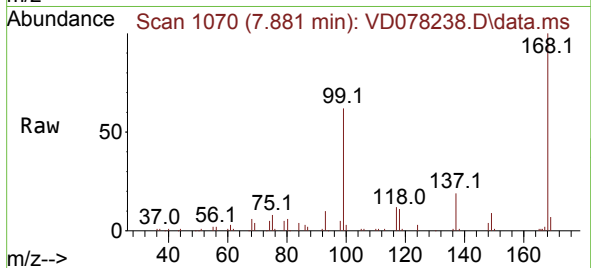
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



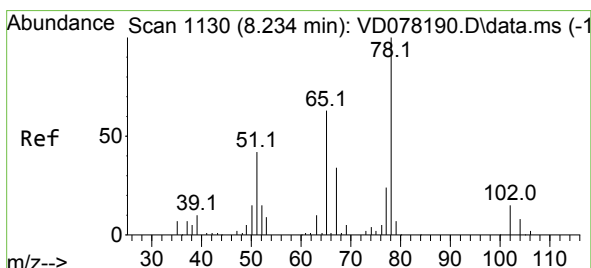
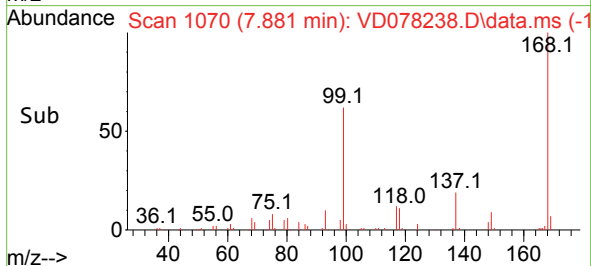
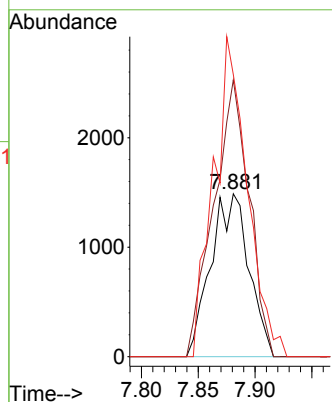


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

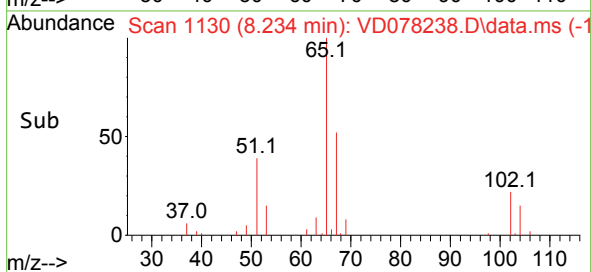
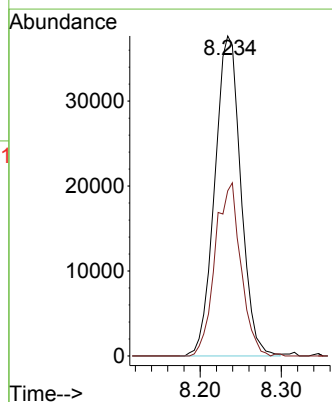
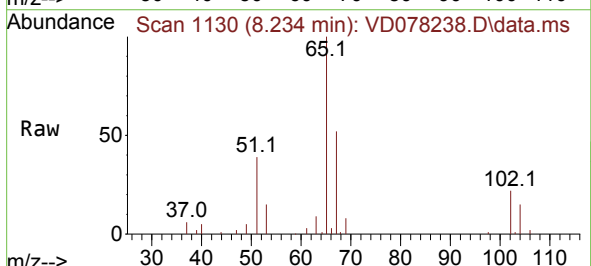


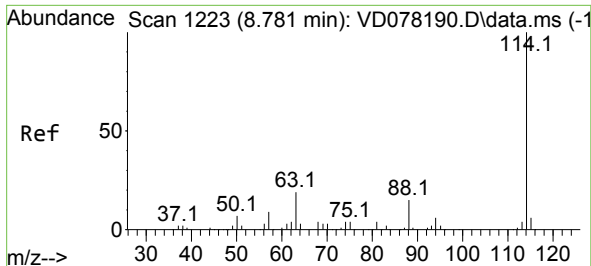
Tgt Ion: 56 Resp: 3463
Ion Ratio Lower Upper
56 100
69 170.0 28.6 43.0#
84 173.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 49.766 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Tgt Ion: 65 Resp: 84003
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078238.D

Acq: 25 Jan 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :

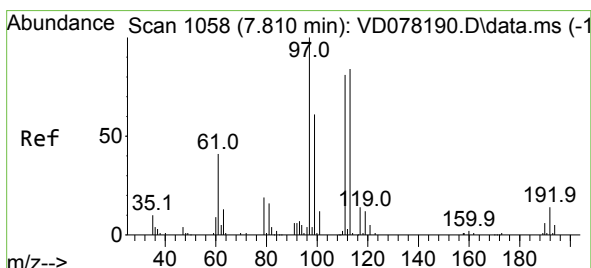
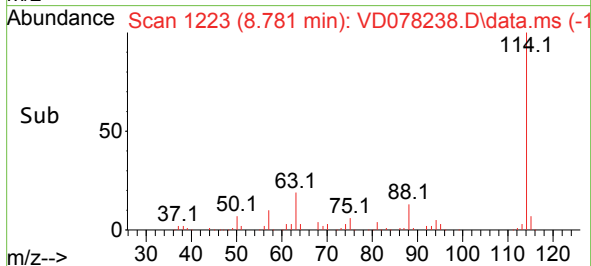
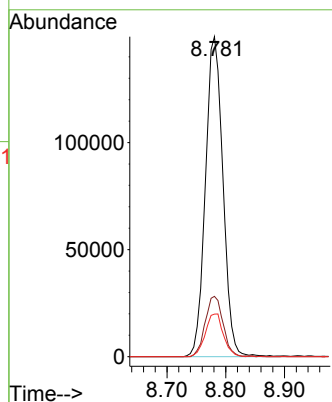
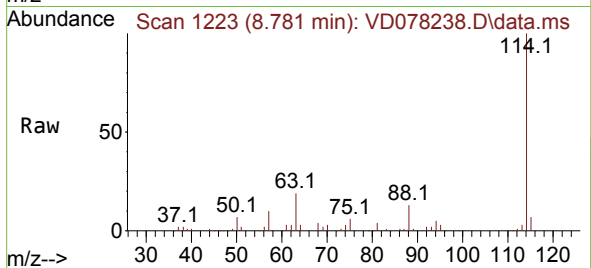
Tgt Ion:114 Resp: 310035

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.225 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078238.D

Acq: 25 Jan 2024 10:33

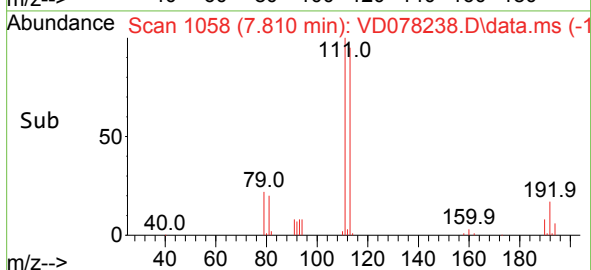
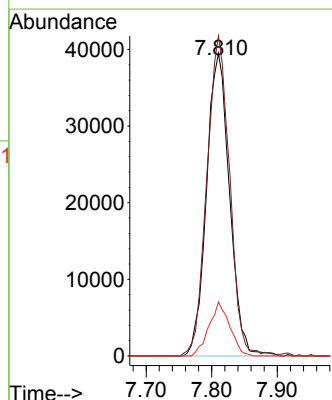
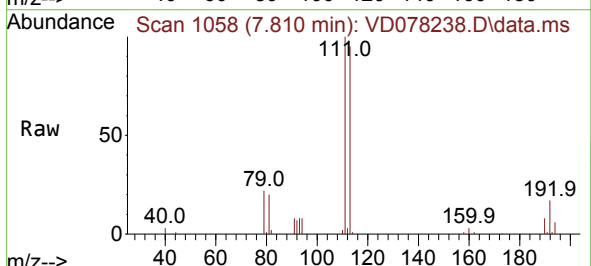
Tgt Ion:113 Resp: 96360

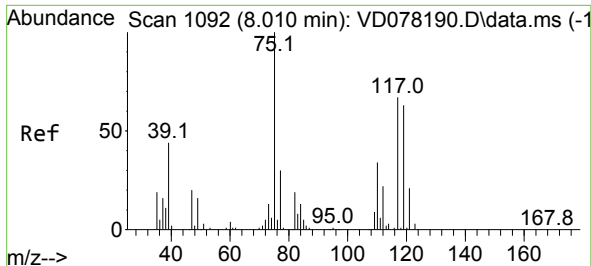
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

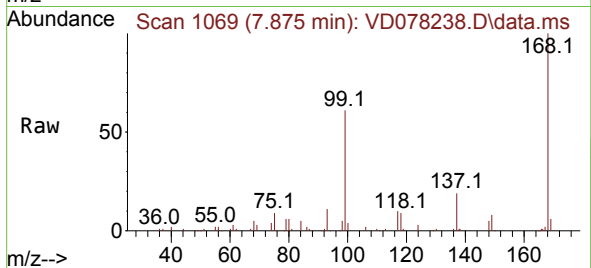
192 16.1 16.8 25.2#



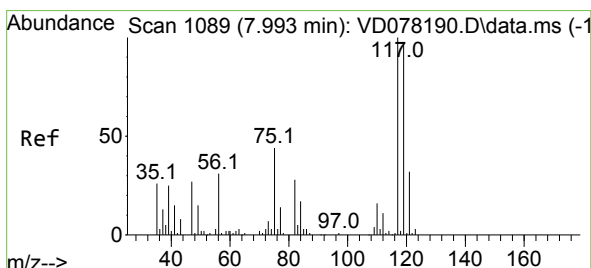
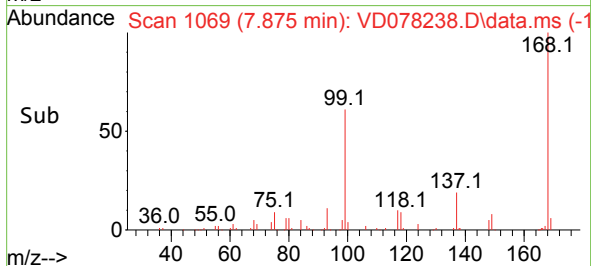
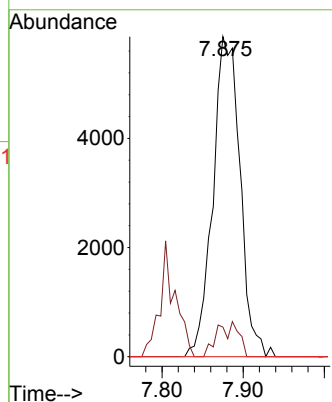


#36
1,1-Dichloropropene
Concen: 4.060 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

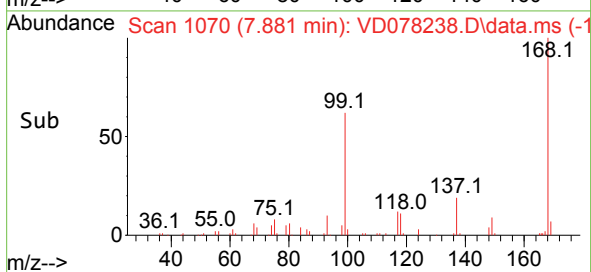
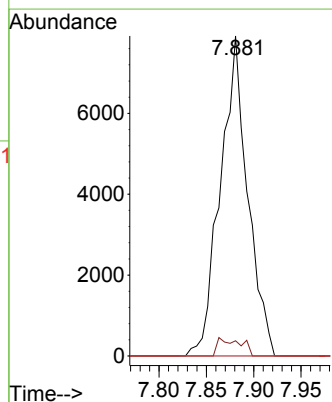
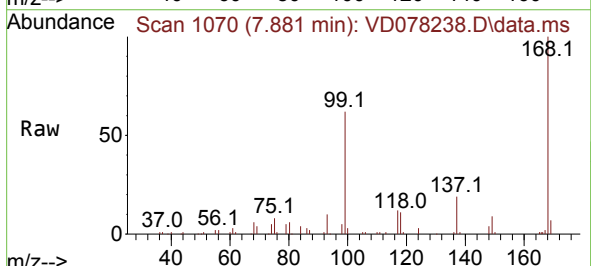


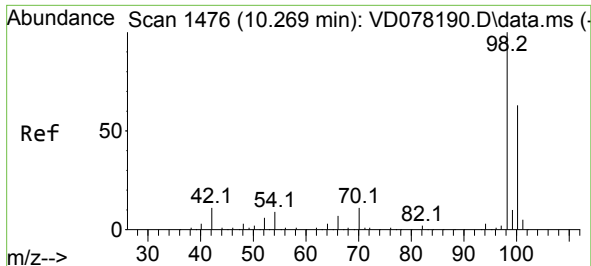
Tgt Ion: 75 Resp: 13623
Ion Ratio Lower Upper
75 100
110 4.8 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.792 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Tgt Ion: 117 Resp: 15881
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.2 36.2#

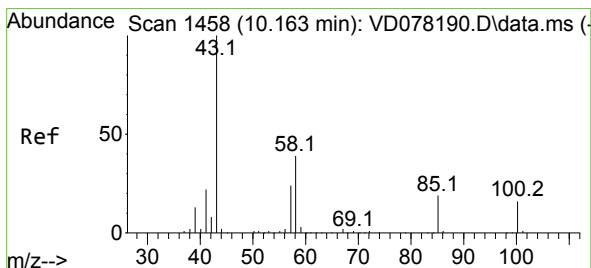
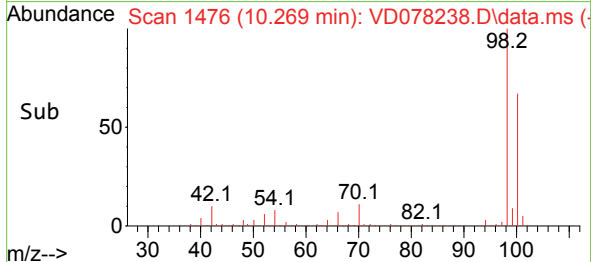
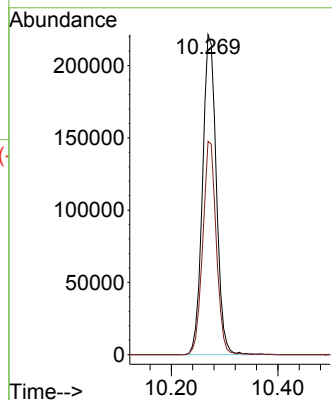
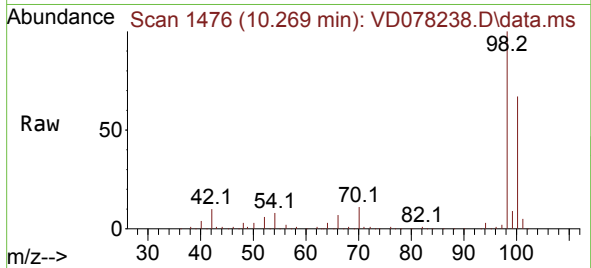




#50
Toluene-d8
Concen: 49.170 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

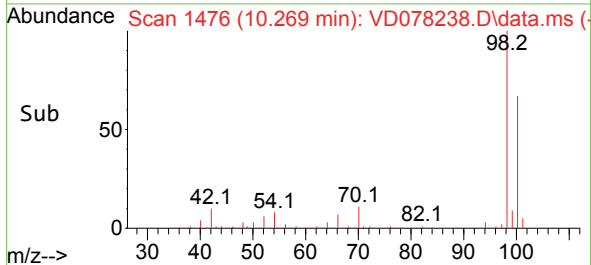
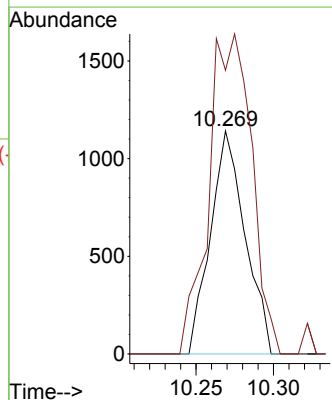
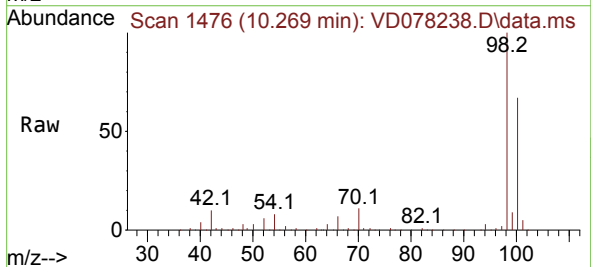
Instrument :
MSVOA_D
ClientSampleId :

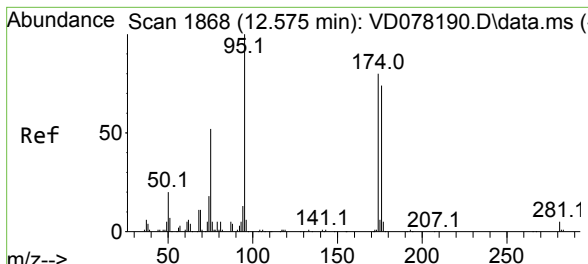
Tgt Ion: 98 Resp: 397268
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.477 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

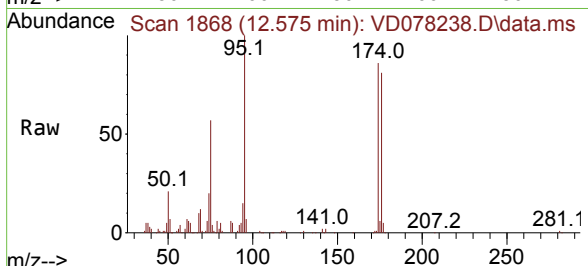
Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
58 177.5 38.9 58.3#



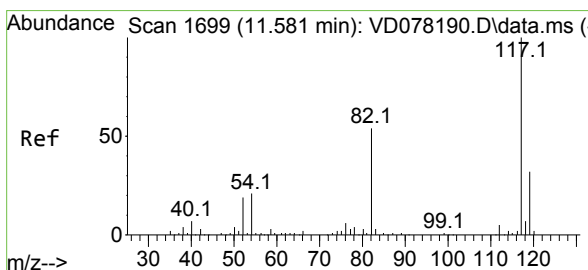
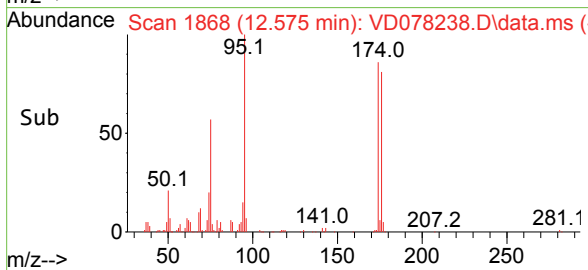
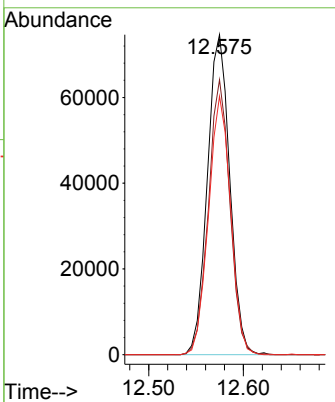


#62
 4-Bromofluorobenzene
 Concen: 52.290 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD078238.D
 Acq: 25 Jan 2024 10:33

Instrument :
 MSVOA_D
 ClientSampleId :

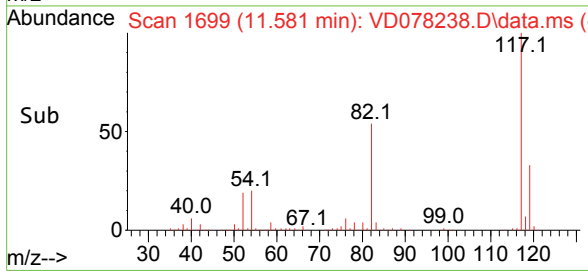
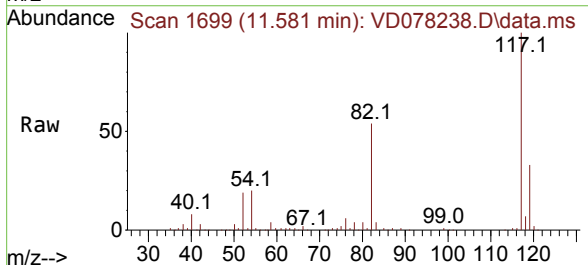
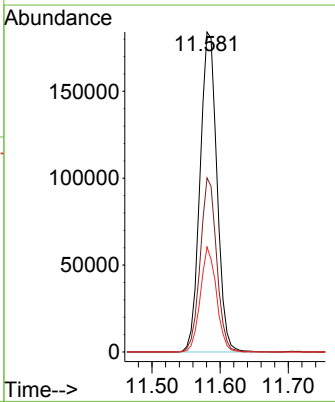


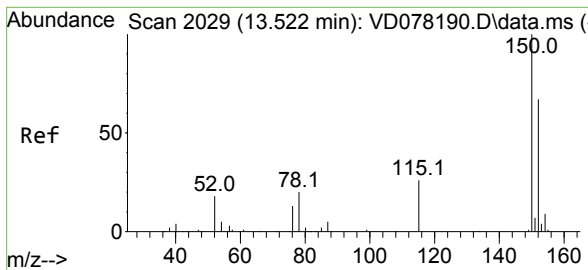
Tgt Ion:	95	Resp:	122519
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	201.8
176	79.7	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078238.D
 Acq: 25 Jan 2024 10:33

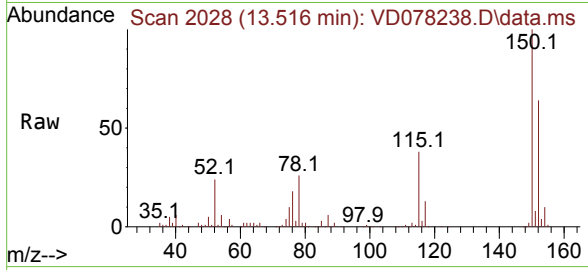
Tgt Ion:	117	Resp:	317275
Ion Ratio	Lower	Upper	
117	100		
82	54.4	38.3	57.5
119	32.8	25.0	37.4



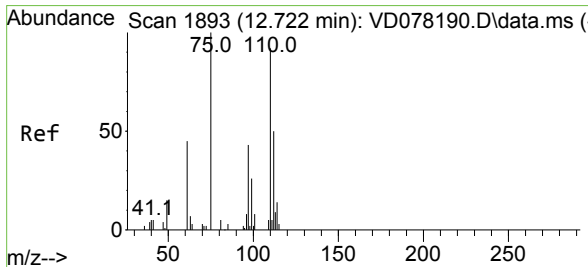
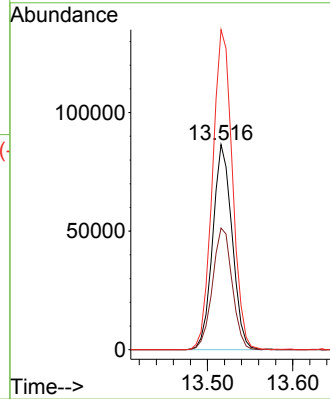
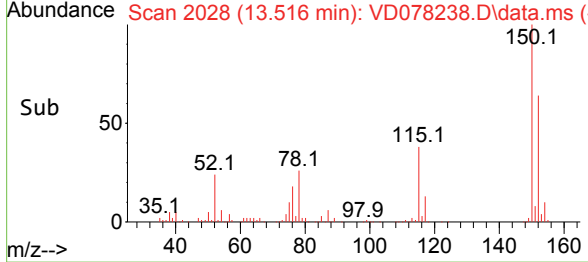


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078238.D
 Acq: 25 Jan 2024 10:33

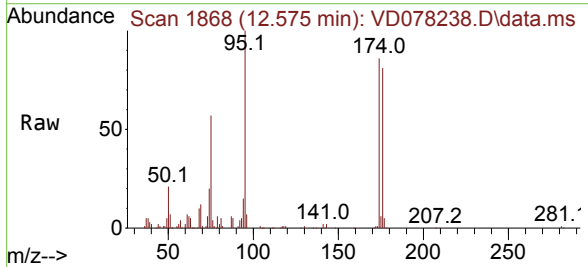
Instrument :
 MSVOA_D
 ClientSampleId :



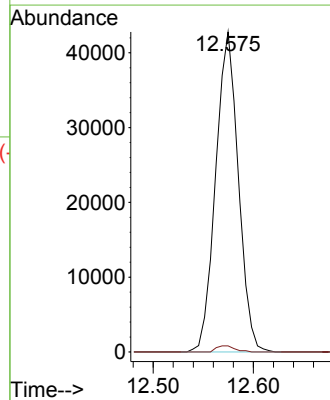
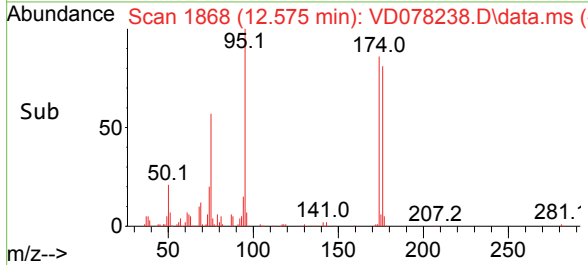
Tgt Ion:152 Resp: 136756
 Ion Ratio Lower Upper
 152 100
 115 60.3 27.1 81.3
 150 160.0 0.0 353.6

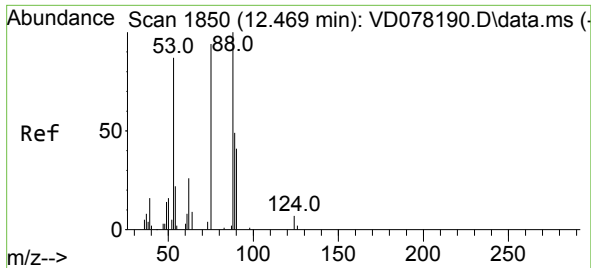


#76
 1,2,3-Trichloropropane
 Concen: 51.251 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078238.D
 Acq: 25 Jan 2024 10:33



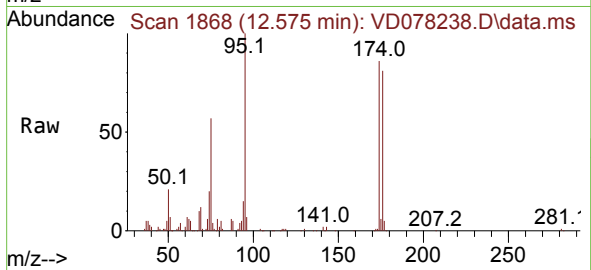
Tgt Ion: 75 Resp: 67224
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.397 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078238.D
 Acq: 25 Jan 2024 10:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	67224
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

