

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078625.D
 Acq On : 11 Mar 2024 11:39
 Operator : RP/MD
 Sample : VD0311SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

Quant Time: Mar 12 01:35:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

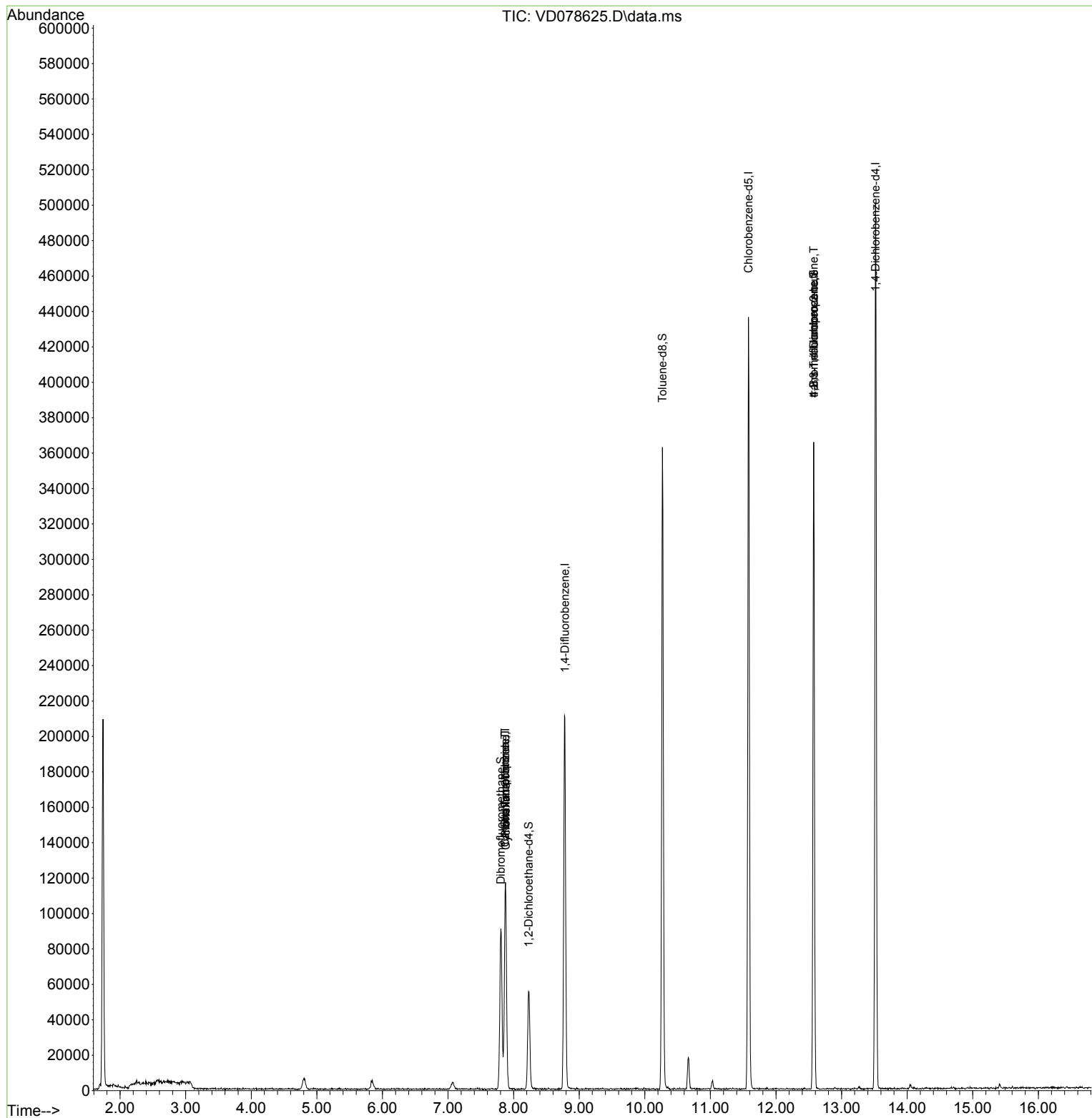
Internal Standards						
1) Pentafluorobenzene	7.875	168	92646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	197536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44266	48.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.805	113	66508	51.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.269	98	254516	50.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.575	95	104125	73.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	146.020%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	59	Below Cal	#	1
20) Methylene Chloride	4.799	84	3450	Below Cal	#	83
31) Cyclohexane	7.881	56	1839	1.279	ug/l #	32
36) 1,1-Dichloropropene	7.869	75	7054	3.967	ug/l #	45
38) Carbon Tetrachloride	7.869	117	8935	4.804	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	53239	50.341	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53239	107.751	ug/l #	17

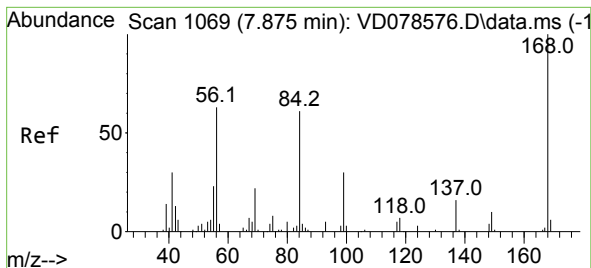
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
Data File : VD078625.D
Acq On : 11 Mar 2024 11:39
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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Quant Time: Mar 12 01:35:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078625.D

Acq: 11 Mar 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :

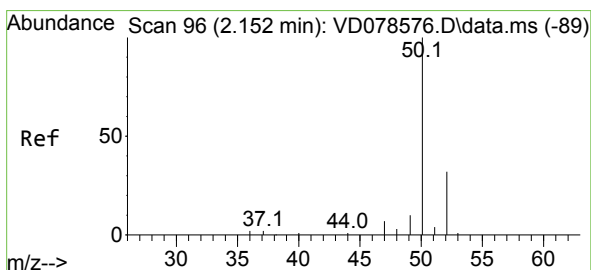
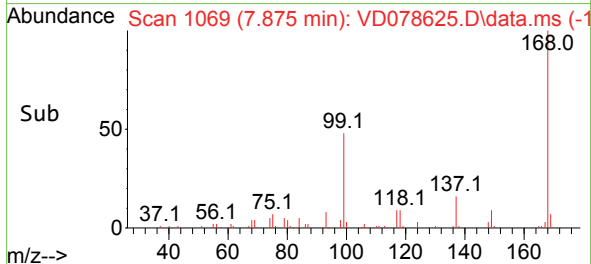
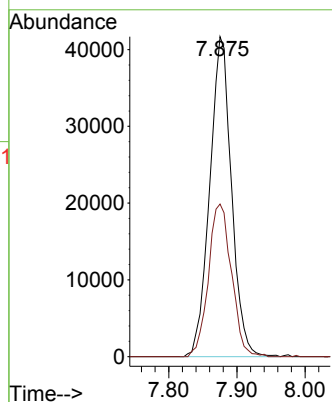
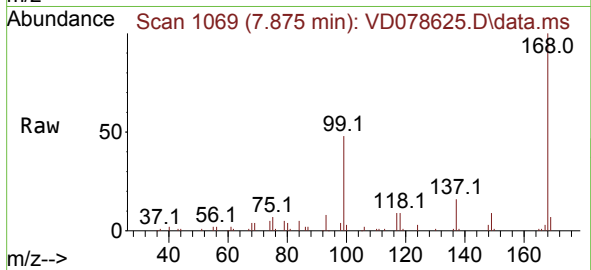
VD0311SBL01

Tgt Ion:168 Resp: 92646

Ion Ratio Lower Upper

168 100

99 47.7 36.7 55.1



#3

Chloromethane

Concen: Below Cal

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078625.D

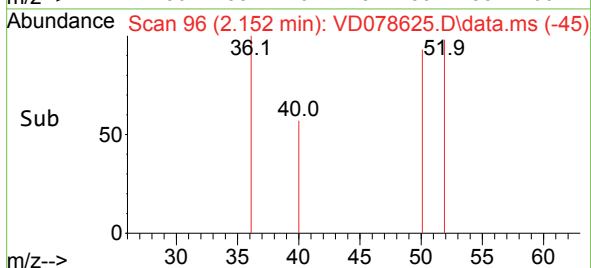
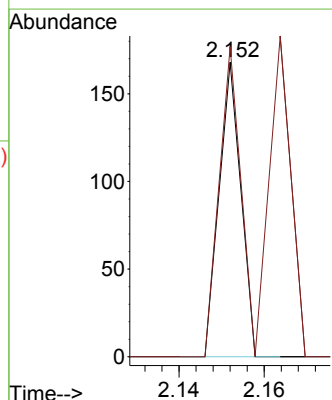
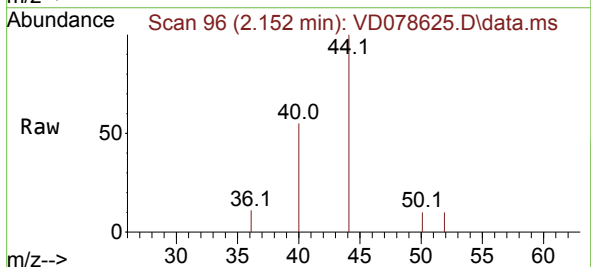
Acq: 11 Mar 2024 11:39

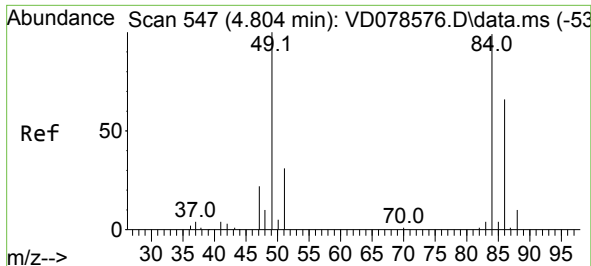
Tgt Ion: 50 Resp: 59

Ion Ratio Lower Upper

50 100

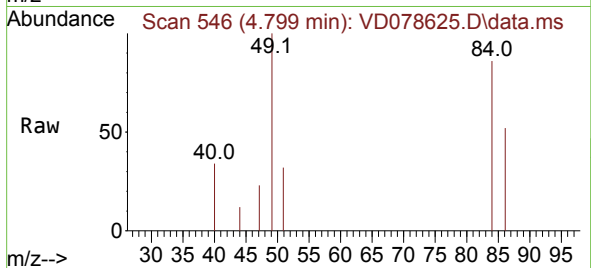
52 105.4 26.6 40.0#





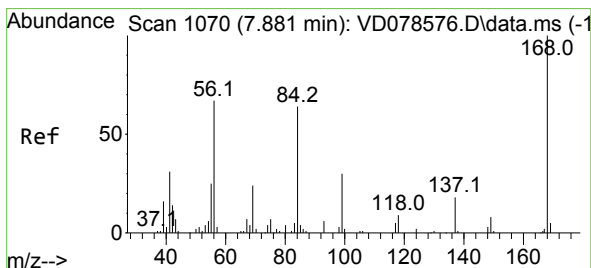
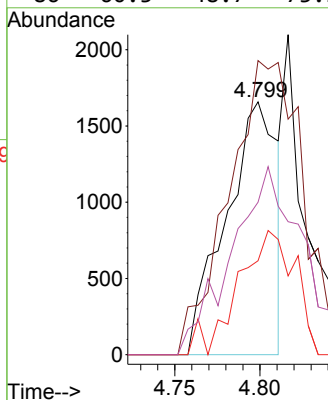
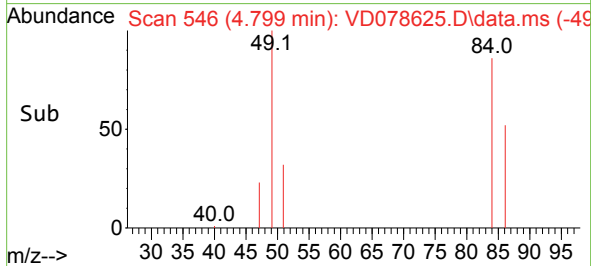
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

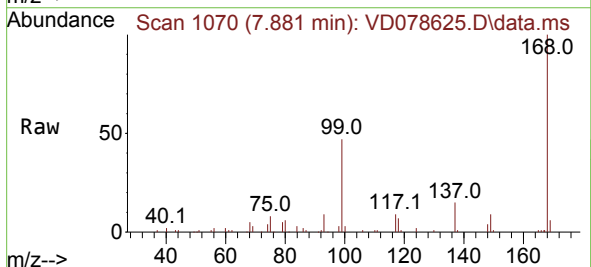


Tgt Ion: 84 Resp: 3450

Ion	Ratio	Lower	Upper
84	100		
49	116.3	71.4	107.2#
51	37.2	24.5	36.7#
86	60.3	48.7	73.1

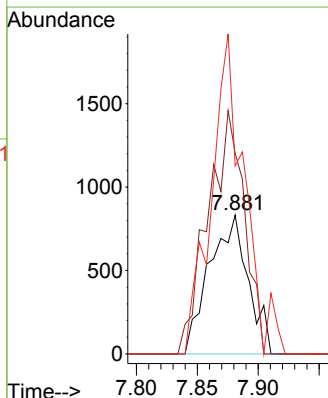
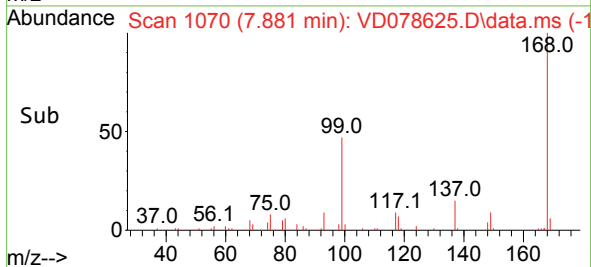


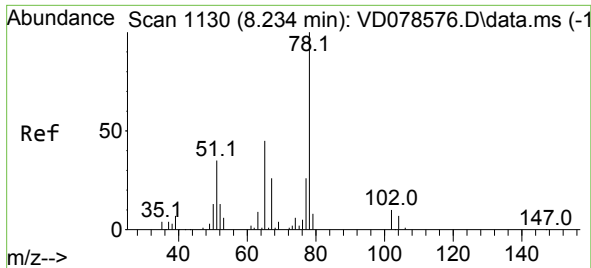
#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39



Tgt Ion: 56 Resp: 1839

Ion	Ratio	Lower	Upper
56	100		
69	144.5	28.6	43.0#
84	135.5	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 48.200 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078625.D

Acq: 11 Mar 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :

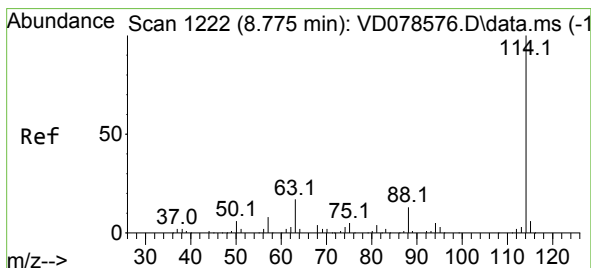
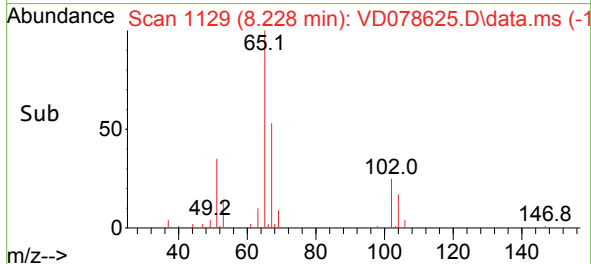
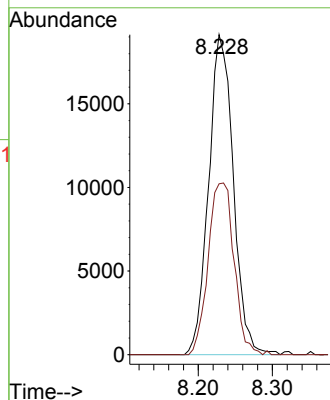
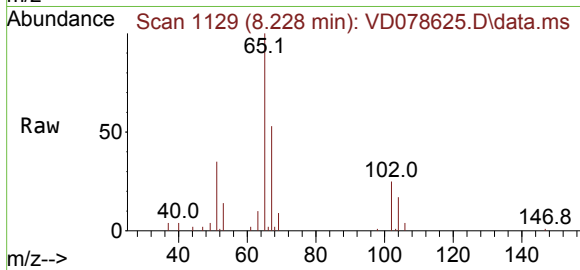
VD0311SBL01

Tgt Ion: 65 Resp: 44266

Ion Ratio Lower Upper

65 100

67 56.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078625.D

Acq: 11 Mar 2024 11:39

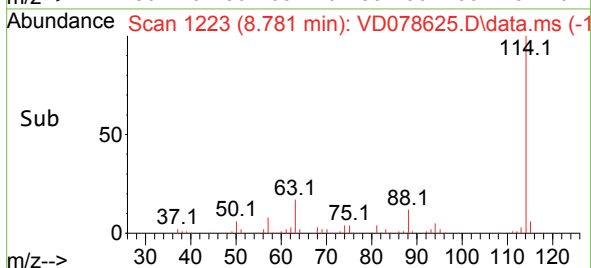
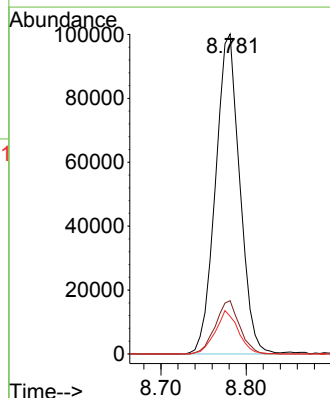
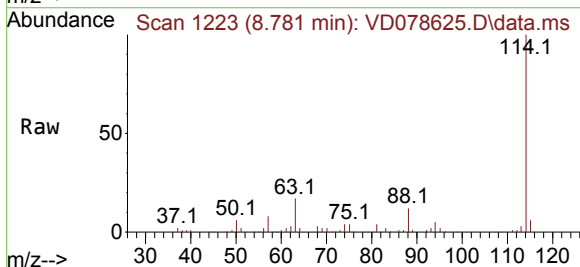
Tgt Ion: 114 Resp: 197536

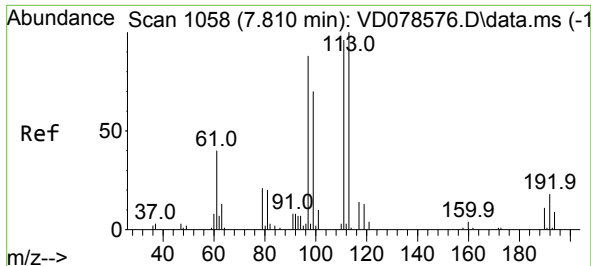
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 11.8 0.0 26.2

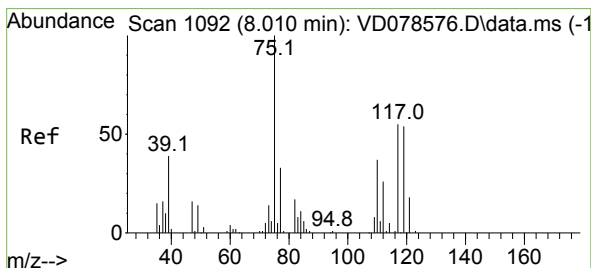
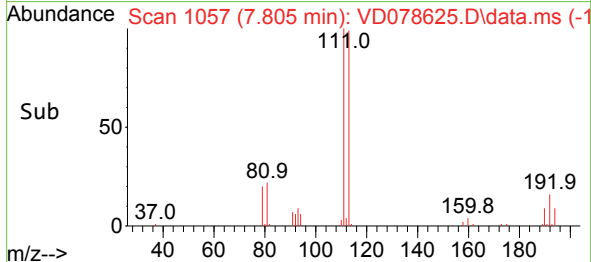
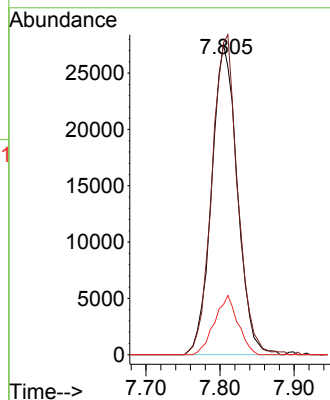
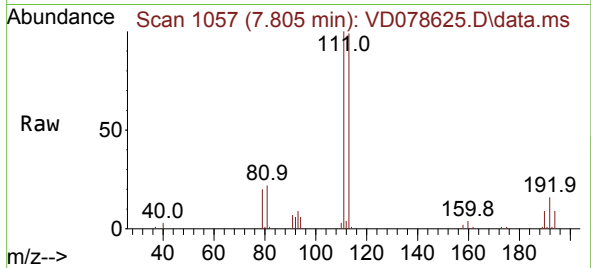




#35
Dibromofluoromethane
Concen: 51.759 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

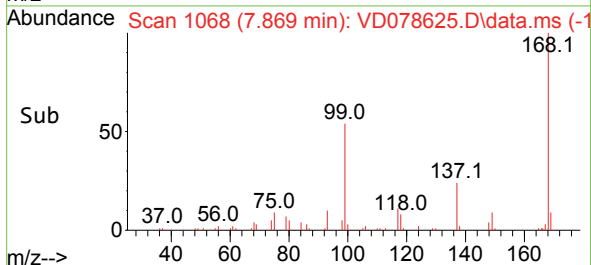
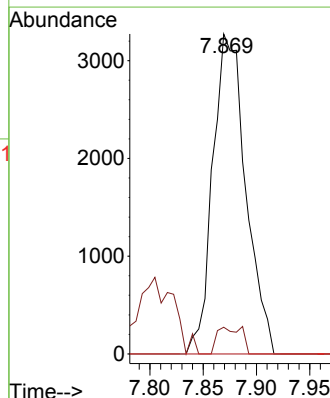
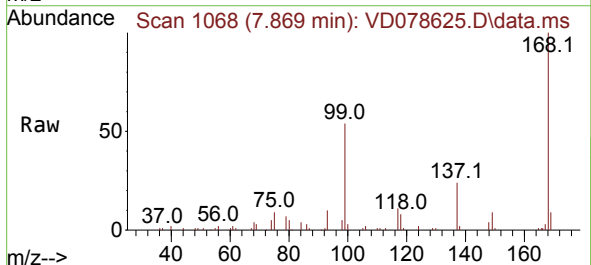
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

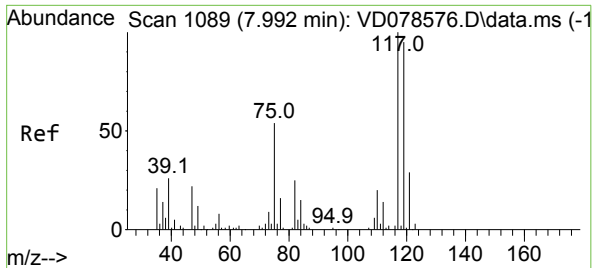
Tgt Ion:113 Resp: 66508
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 17.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.967 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

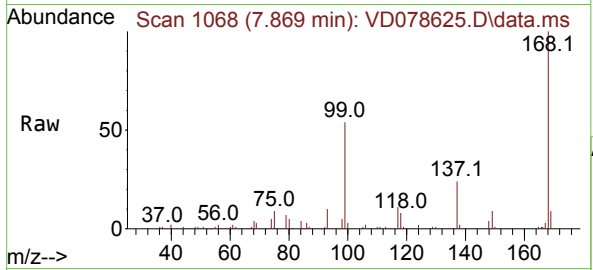
Tgt Ion: 75 Resp: 7054
Ion Ratio Lower Upper
75 100
110 6.2 19.9 59.6#
77 0.0 24.7 37.1#



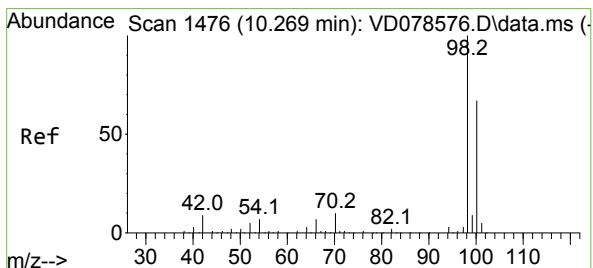
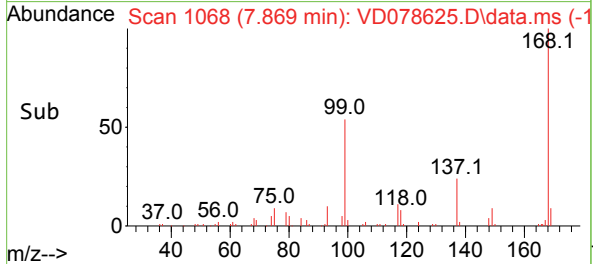
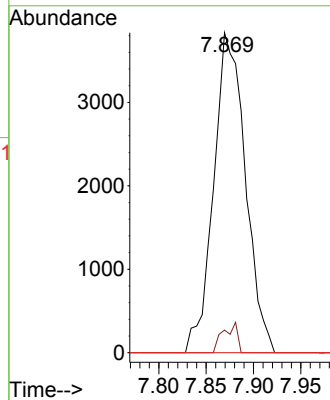


#38
Carbon Tetrachloride
Concen: 4.804 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

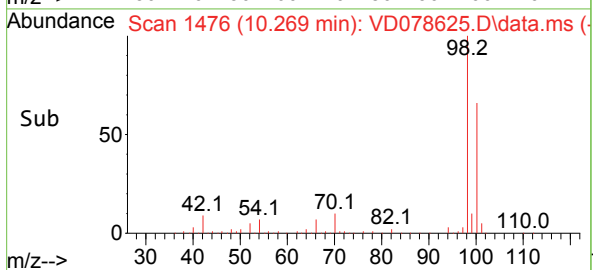
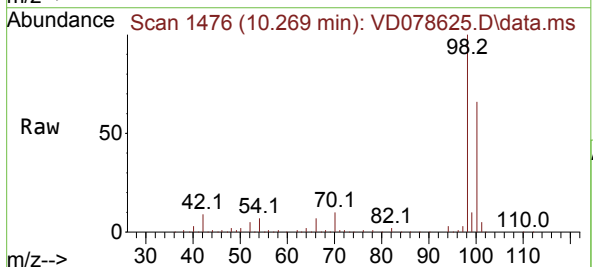
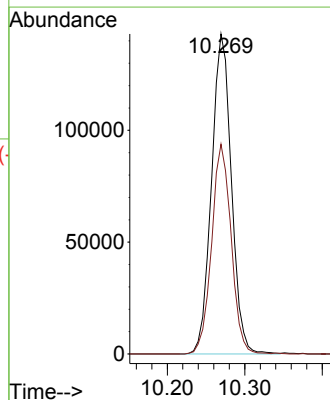


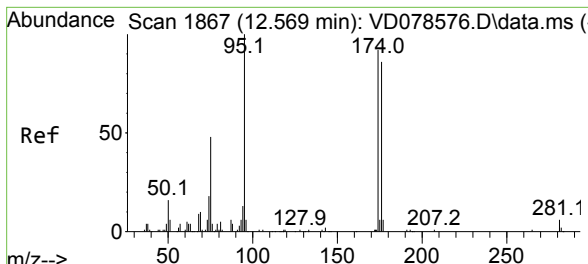
Tgt Ion:117 Resp: 8935
Ion Ratio Lower Upper
117 100
119 7.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.973 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

Tgt Ion: 98 Resp: 254516
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

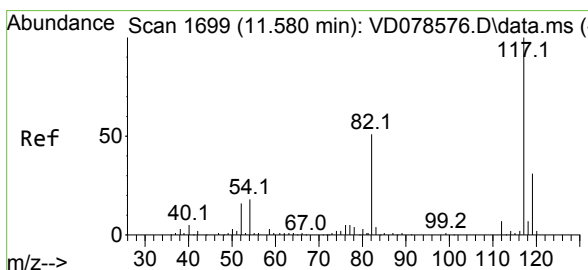
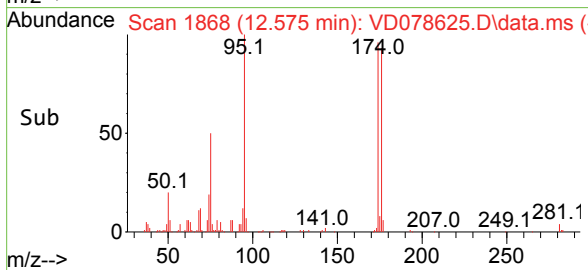
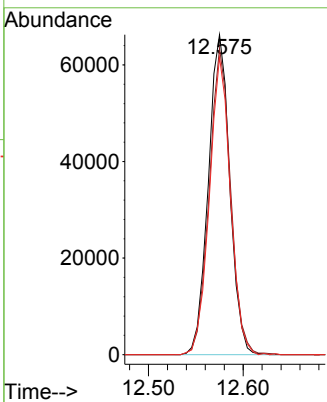
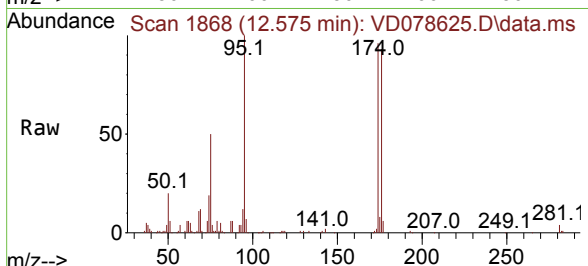




#62
 4-Bromofluorobenzene
 Concen: 73.013 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078625.D
 Acq: 11 Mar 2024 11:39

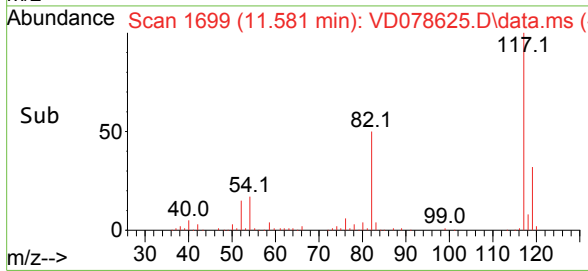
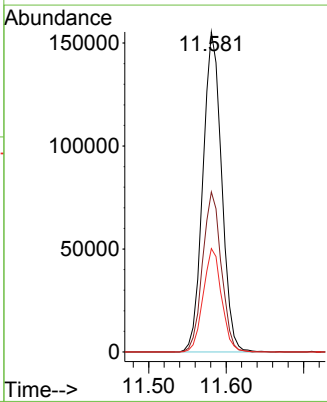
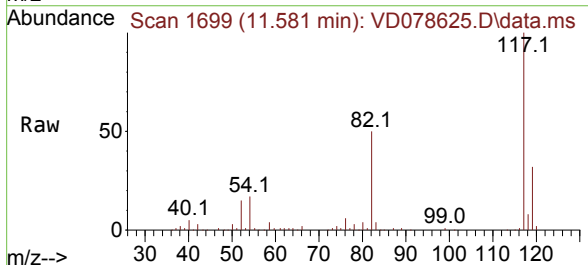
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

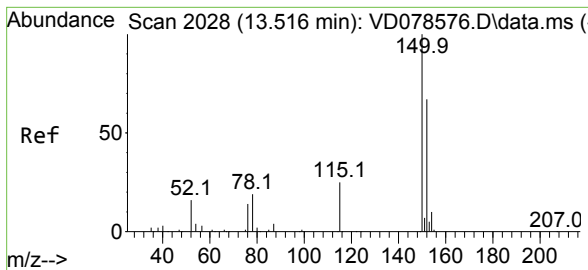
Tgt Ion:	95	Resp:	104125
Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	201.8
176	91.3	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078625.D
 Acq: 11 Mar 2024 11:39

Tgt Ion:	117	Resp:	260605
Ion	Ratio	Lower	Upper
117	100		
82	50.0	38.3	57.5
119	32.3	25.0	37.4

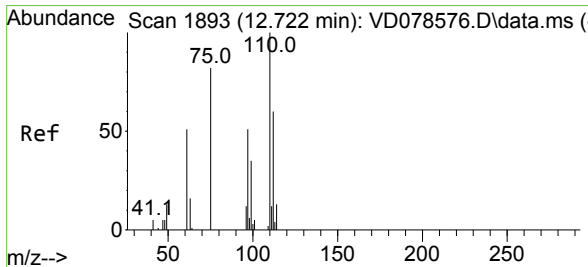
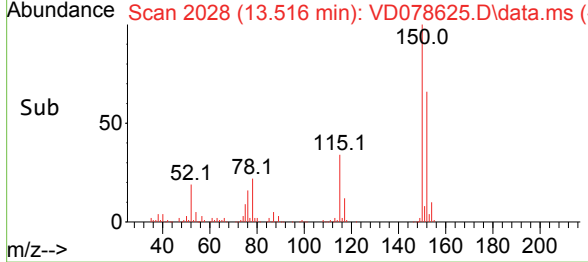
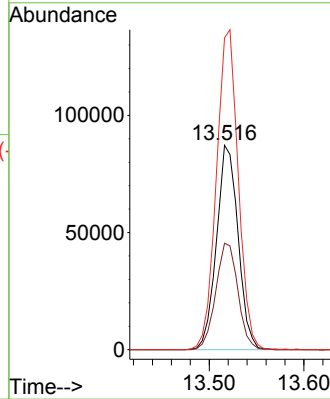
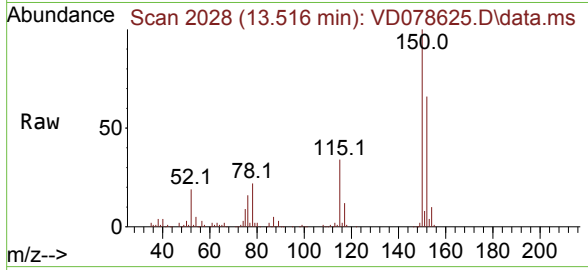




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078625.D
 Acq: 11 Mar 2024 11:39

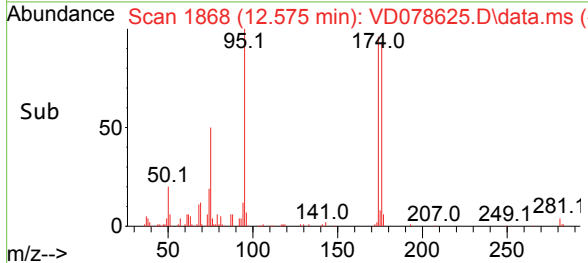
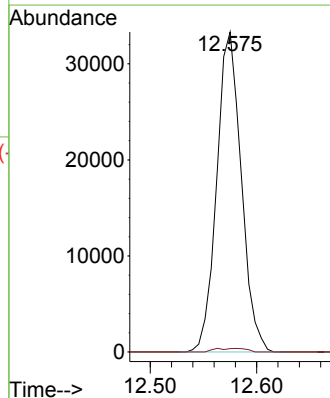
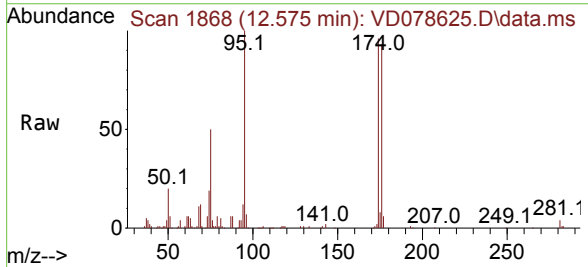
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

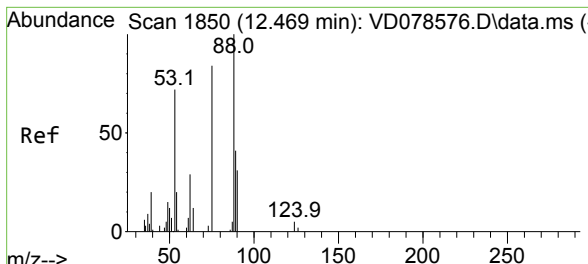
Tgt Ion:152 Resp: 138473
 Ion Ratio Lower Upper
 152 100
 115 53.5 27.1 81.3
 150 158.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 50.341 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078625.D
 Acq: 11 Mar 2024 11:39

Tgt Ion: 75 Resp: 53239
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.751 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078625.D
 Acq: 11 Mar 2024 11:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

Tgt Ion:	75	Resp:	53239
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

