

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078287.D
 Acq On : 31 Jan 2024 12:14
 Operator : RP/MD
 Sample : VD0131SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

Quant Time: Feb 01 02:57:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

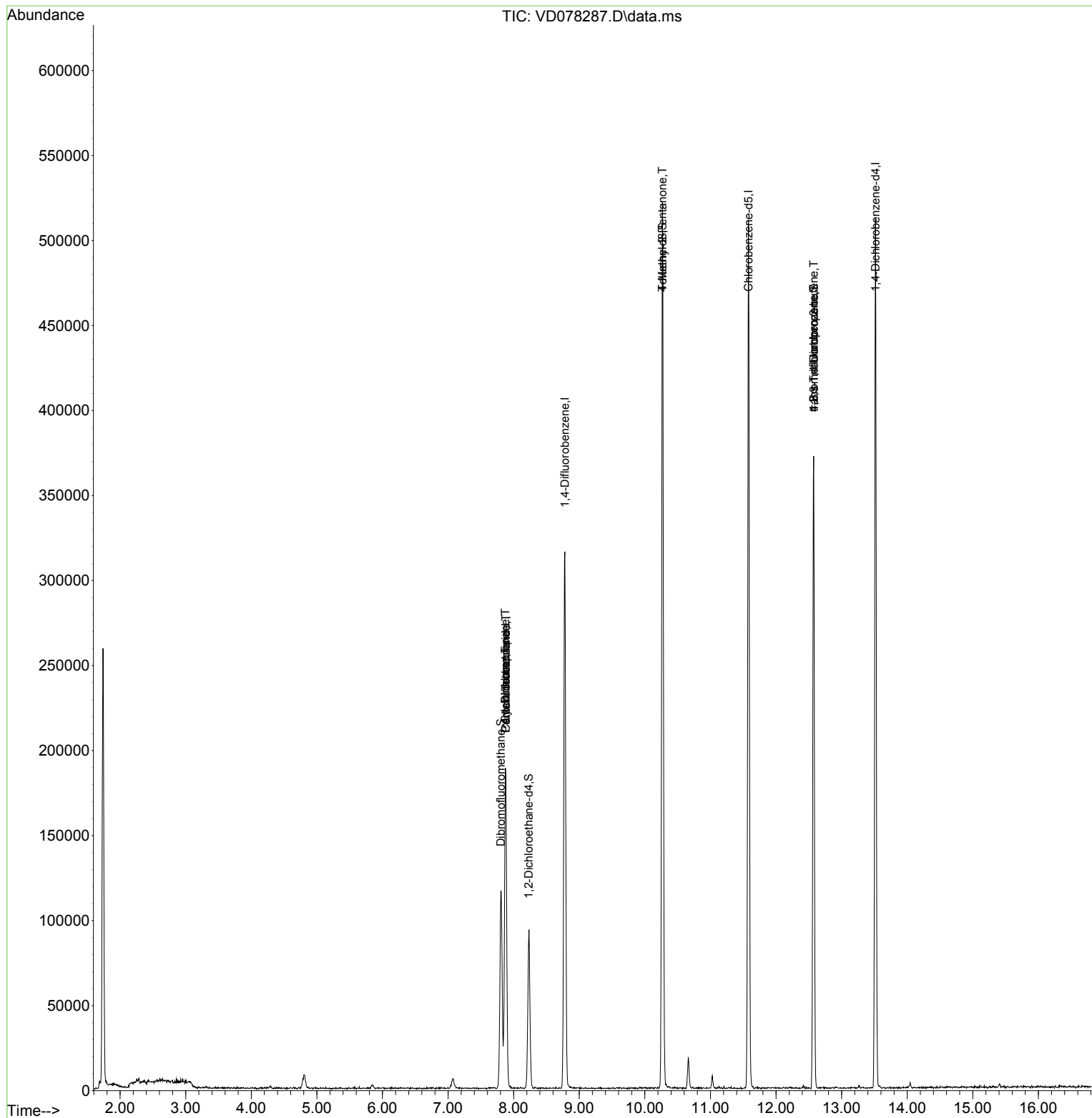
Internal Standards						
1) Pentafluorobenzene	7.881	168	140552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	287390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70173	40.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.660%
35) Dibromofluoromethane	7.804	113	85932	42.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.000%
50) Toluene-d8	10.269	98	357698	46.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.360%
62) 4-Bromofluorobenzene	12.575	95	114558	49.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.760%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	115	Below Cal	#	32
31) Cyclohexane	7.875	56	3554	1.091	ug/l #	32
36) 1,1-Dichloropropene	7.875	75	13076	3.854	ug/l #	47
38) Carbon Tetrachloride	7.881	117	14666	4.396	ug/l #	13
51) 4-Methyl-2-Pentanone	10.269	43	1510	1.192	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	61378	45.295	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	61378	90.083	ug/l #	17

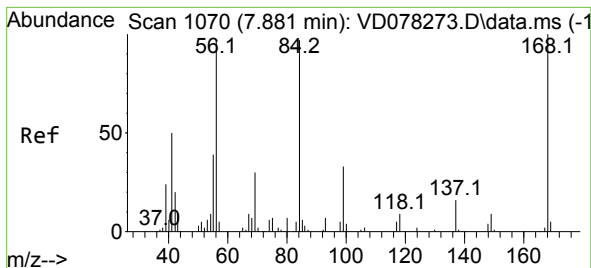
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

Quant Time: Feb 01 02:57:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078287.D

Acq: 31 Jan 2024 12:14

Instrument :

MSVOA_D

ClientSampleId :

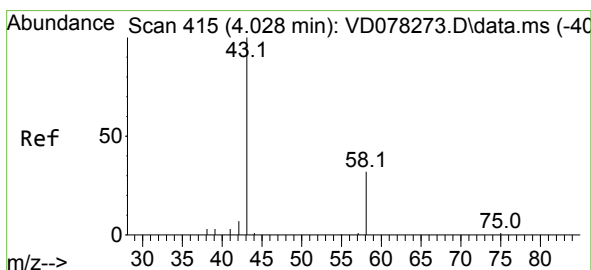
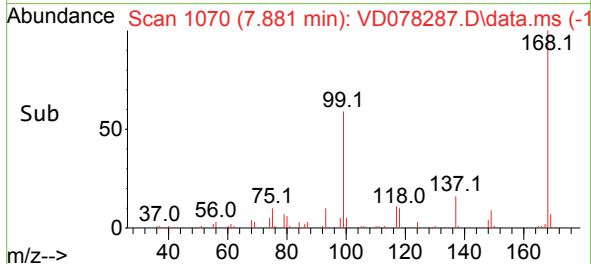
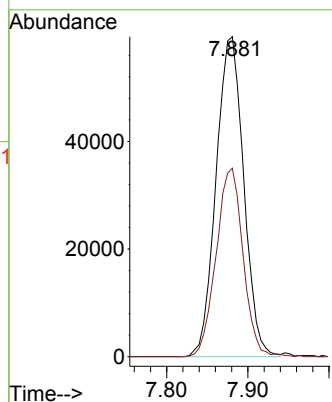
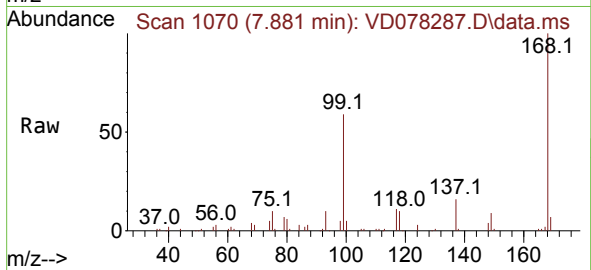
VD0131SBL01

Tgt Ion:168 Resp: 140552

Ion Ratio Lower Upper

168 100

99 58.9 36.7 55.1#



#16

Acetone

Concen: Below Cal

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078287.D

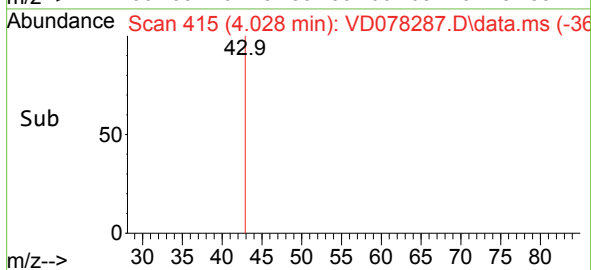
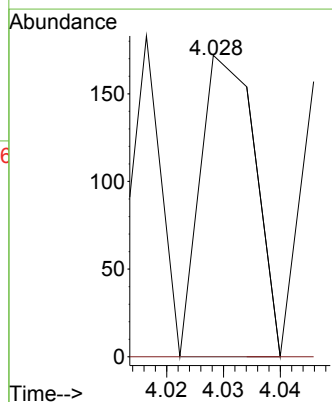
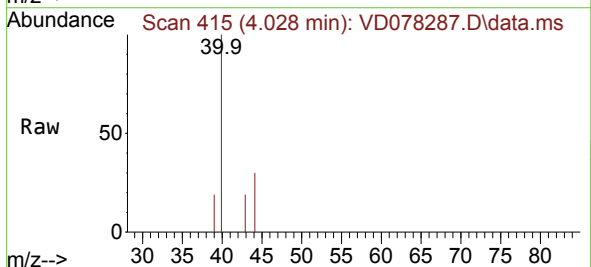
Acq: 31 Jan 2024 12:14

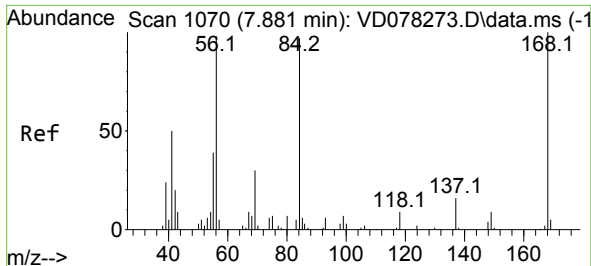
Tgt Ion: 43 Resp: 115

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

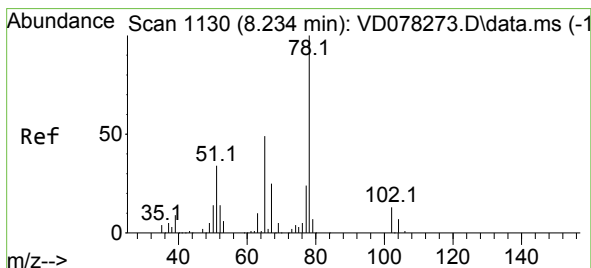
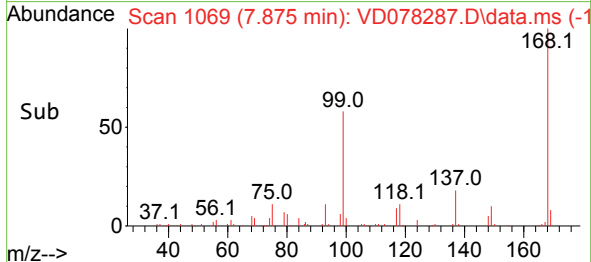
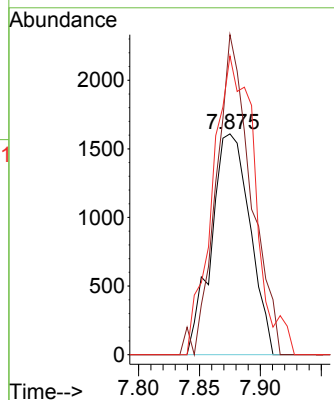
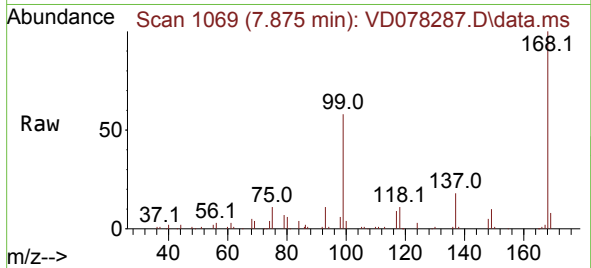




#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

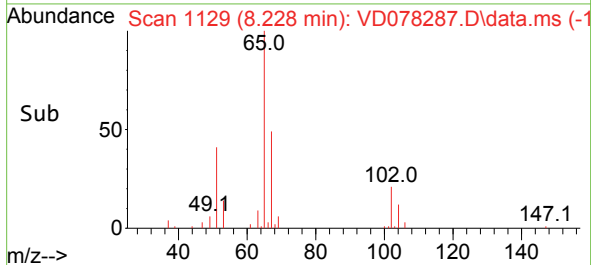
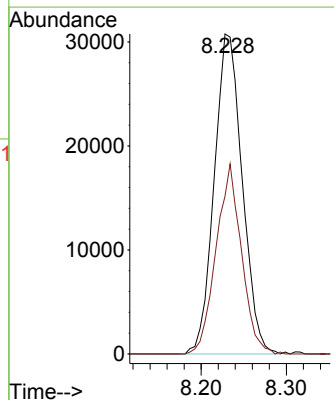
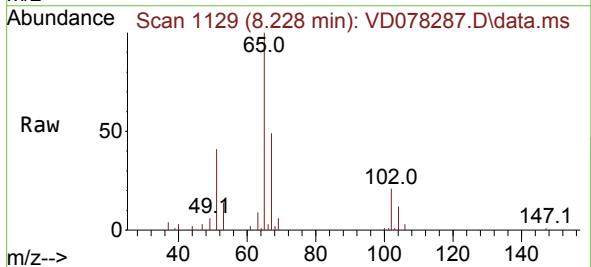
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

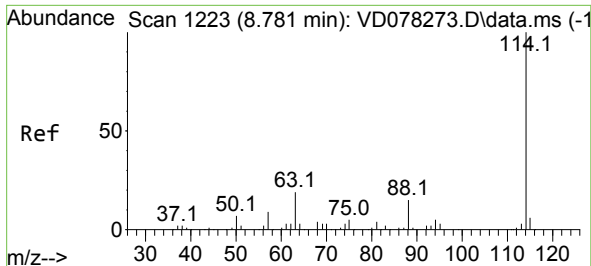
Tgt Ion: 56 Resp: 3554
Ion Ratio Lower Upper
56 100
69 144.9 28.6 43.0#
84 135.3 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 40.331 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

Tgt Ion: 65 Resp: 70173
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078287.D

Acq: 31 Jan 2024 12:14

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBL01

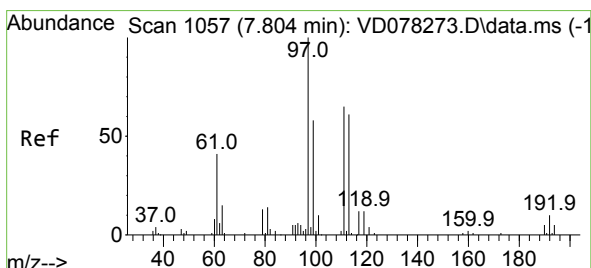
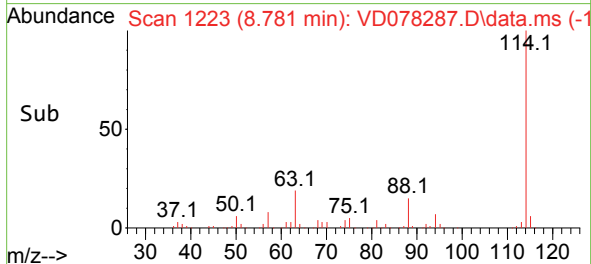
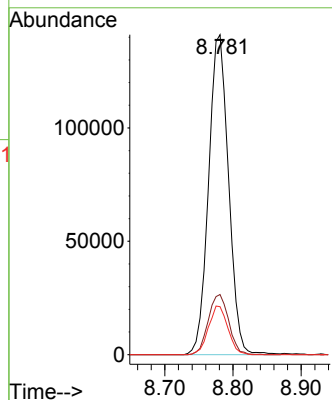
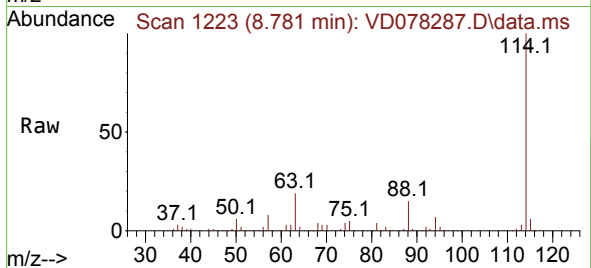
Tgt Ion:114 Resp: 287390

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 15.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.000 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078287.D

Acq: 31 Jan 2024 12:14

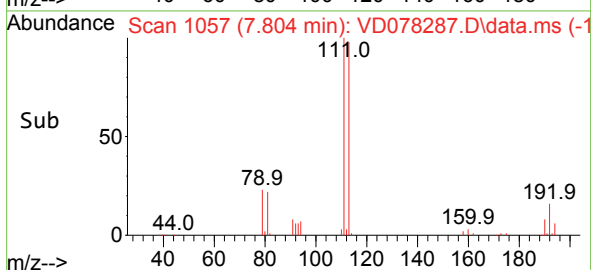
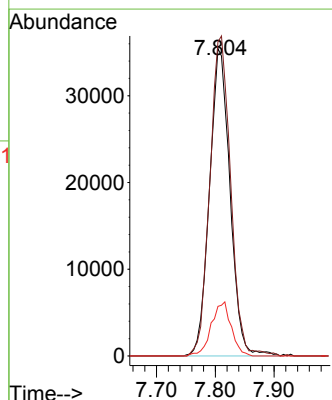
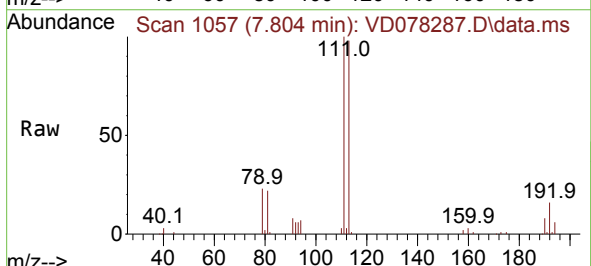
Tgt Ion:113 Resp: 85932

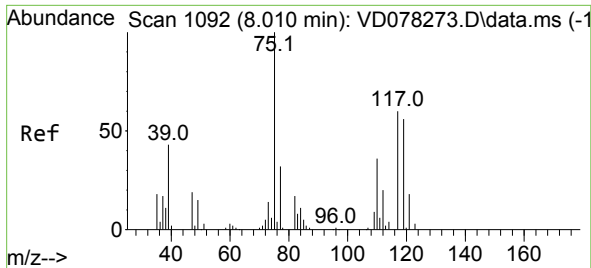
Ion Ratio Lower Upper

113 100

111 105.4 84.7 127.1

192 17.1 16.8 25.2

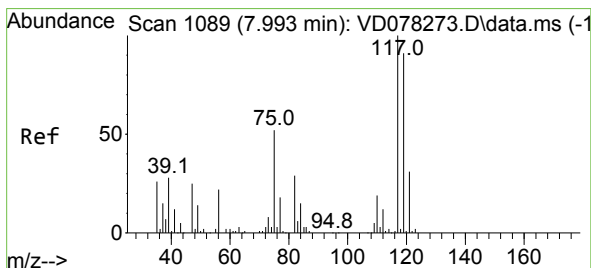
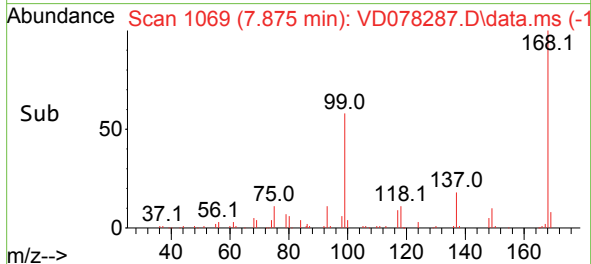
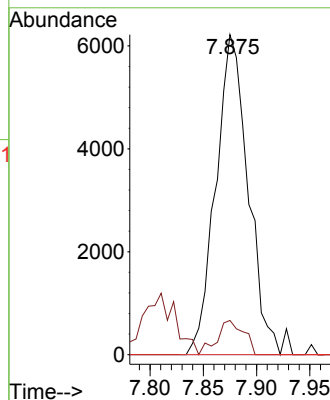
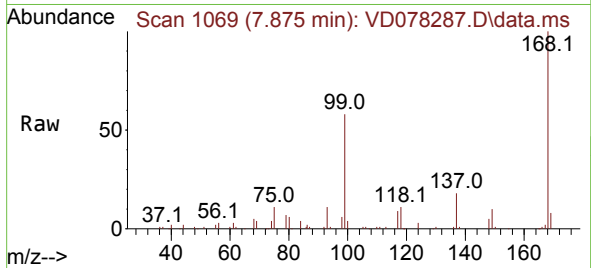




#36
1,1-Dichloropropene
Concen: 3.854 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

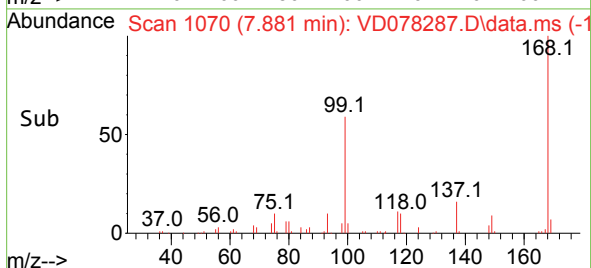
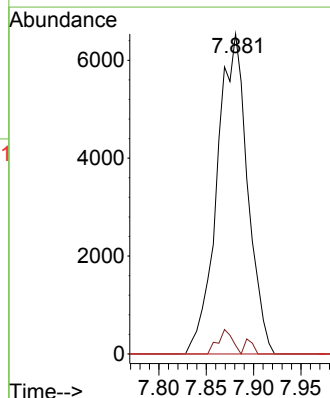
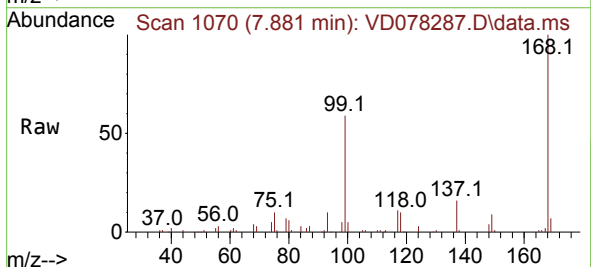
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

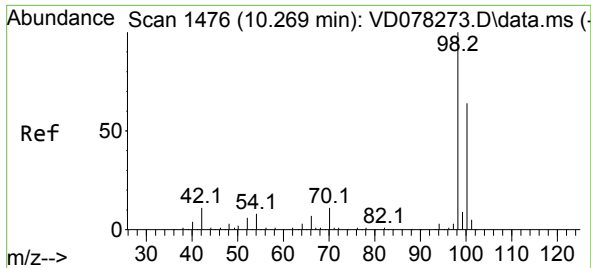
Tgt Ion: 75 Resp: 13076
Ion Ratio Lower Upper
75 100
110 8.8 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.396 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

Tgt Ion: 117 Resp: 14666
Ion Ratio Lower Upper
117 100
119 2.7 78.0 117.0#
121 0.0 24.2 36.2#

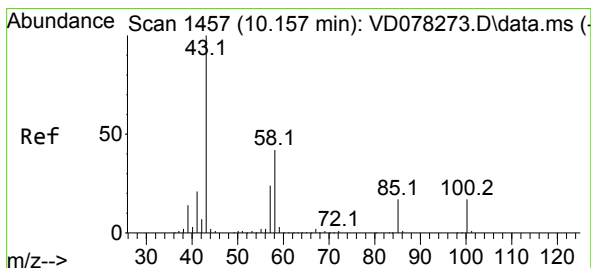
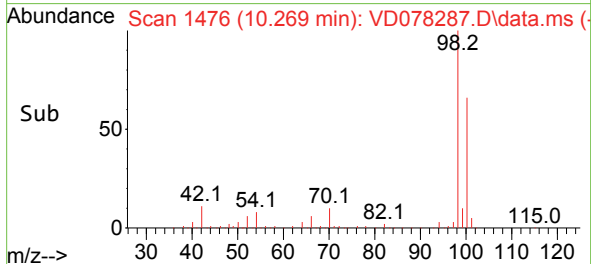
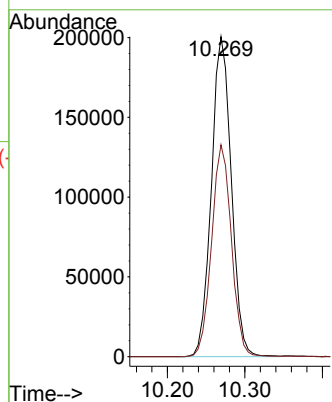
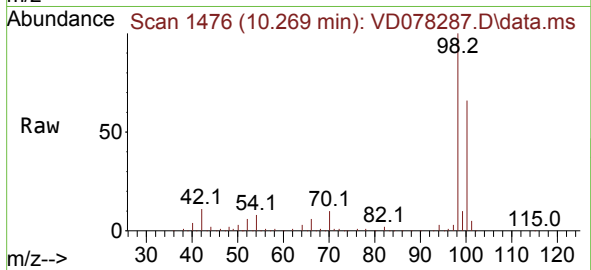




#50
Toluene-d8
Concen: 46.177 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

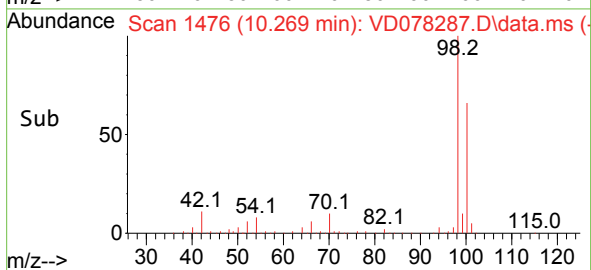
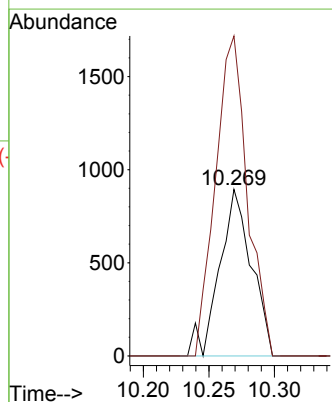
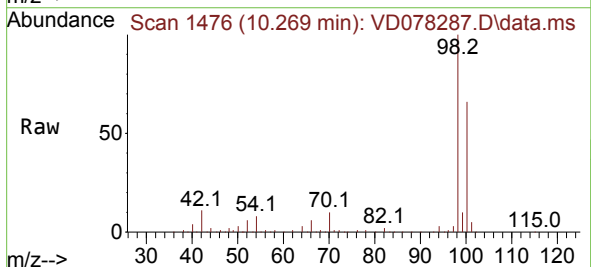
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

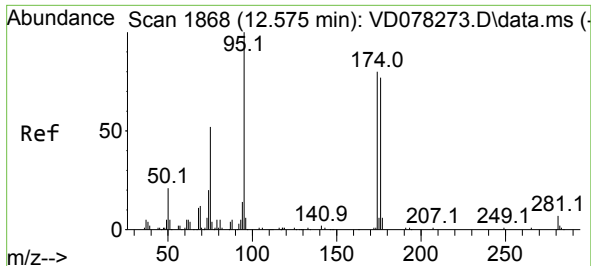
Tgt Ion: 98 Resp: 357698
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.192 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
58 192.2 38.9 58.3#

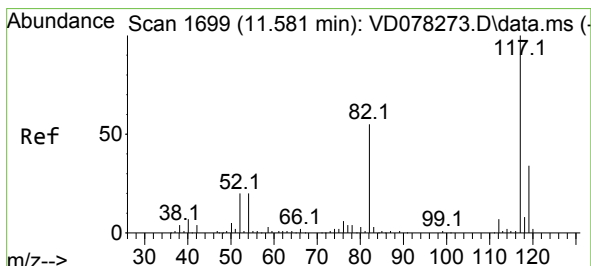
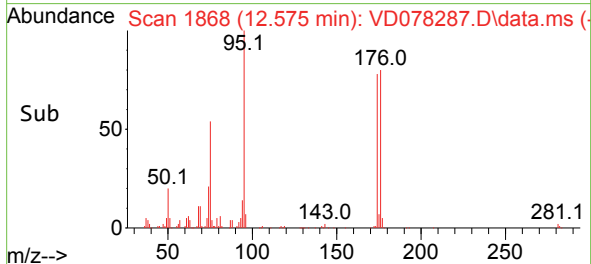
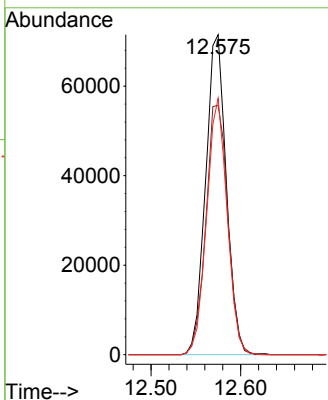
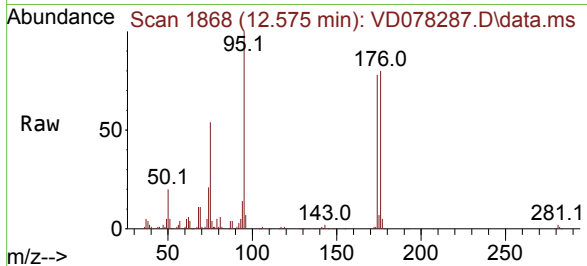




#62
4-Bromofluorobenzene
Concen: 49.383 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

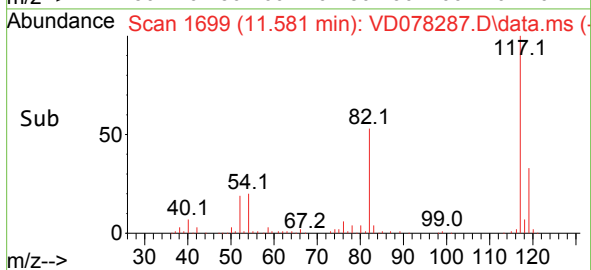
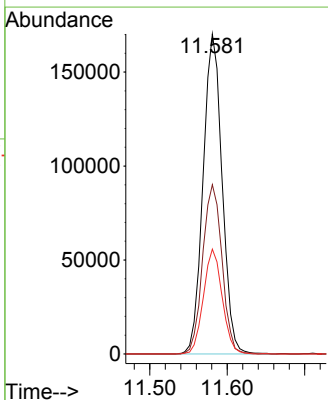
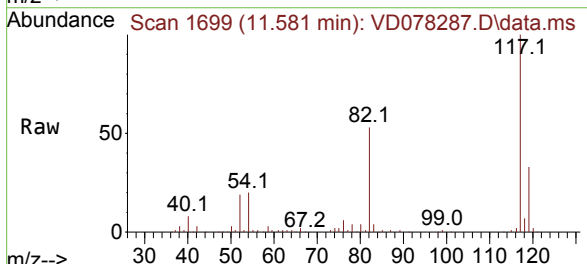
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

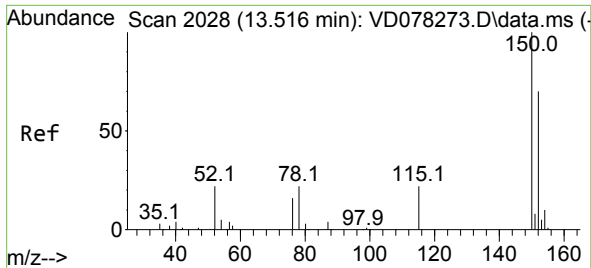
Tgt Ion:	95	Resp:	114558
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	201.8
176	79.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078287.D
Acq: 31 Jan 2024 12:14

Tgt Ion:	117	Resp:	290884
Ion Ratio	Lower	Upper	
117	100		
82	52.9	38.3	57.5
119	32.8	25.0	37.4

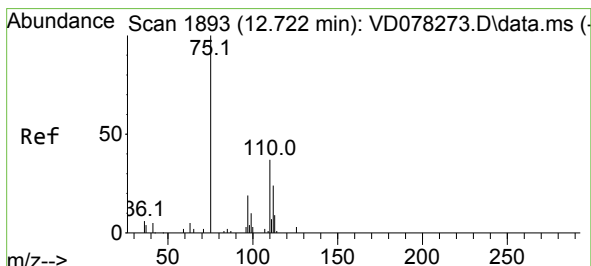
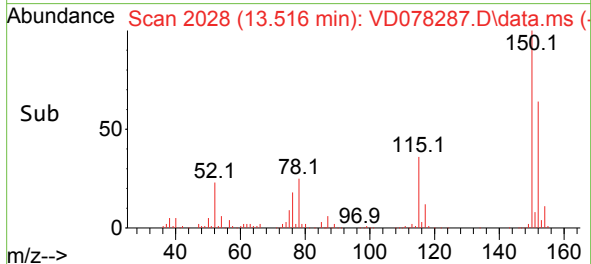
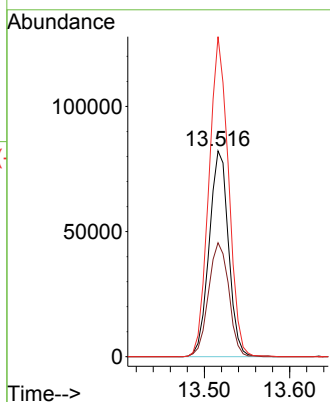
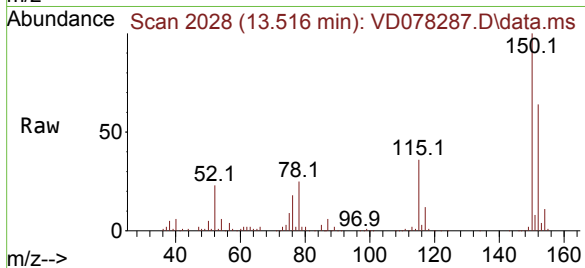




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078287.D
 Acq: 31 Jan 2024 12:14

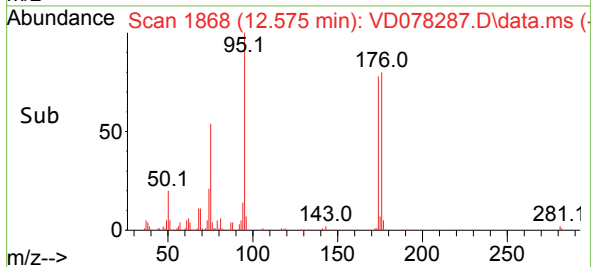
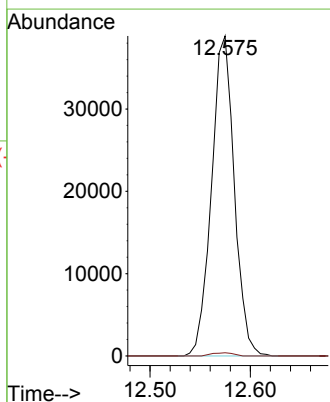
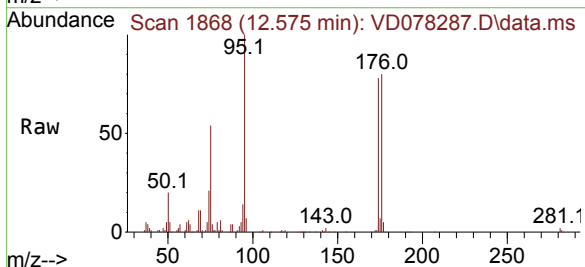
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

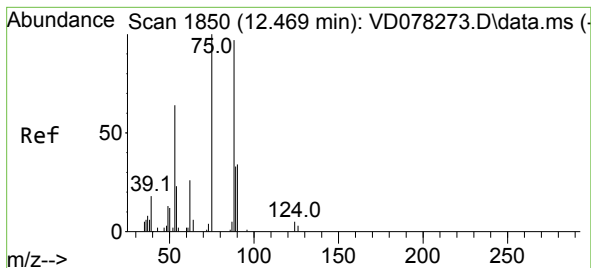
Tgt Ion:152 Resp: 129648
 Ion Ratio Lower Upper
 152 100
 115 58.2 27.1 81.3
 150 157.3 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 45.295 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078287.D
 Acq: 31 Jan 2024 12:14

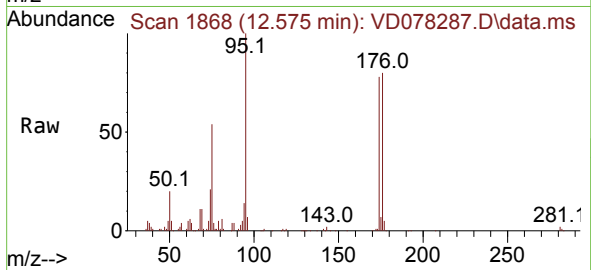
Tgt Ion: 75 Resp: 61378
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.083 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078287.D
 Acq: 31 Jan 2024 12:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01



Tgt Ion:	75	Resp:	61378
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

