

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075290.D
 Acq On : 09 Feb 2023 13:16
 Operator : KP/SY
 Sample : 01510-5
 Misc : 4.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-51B-020823

Quant Time: Feb 10 02:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

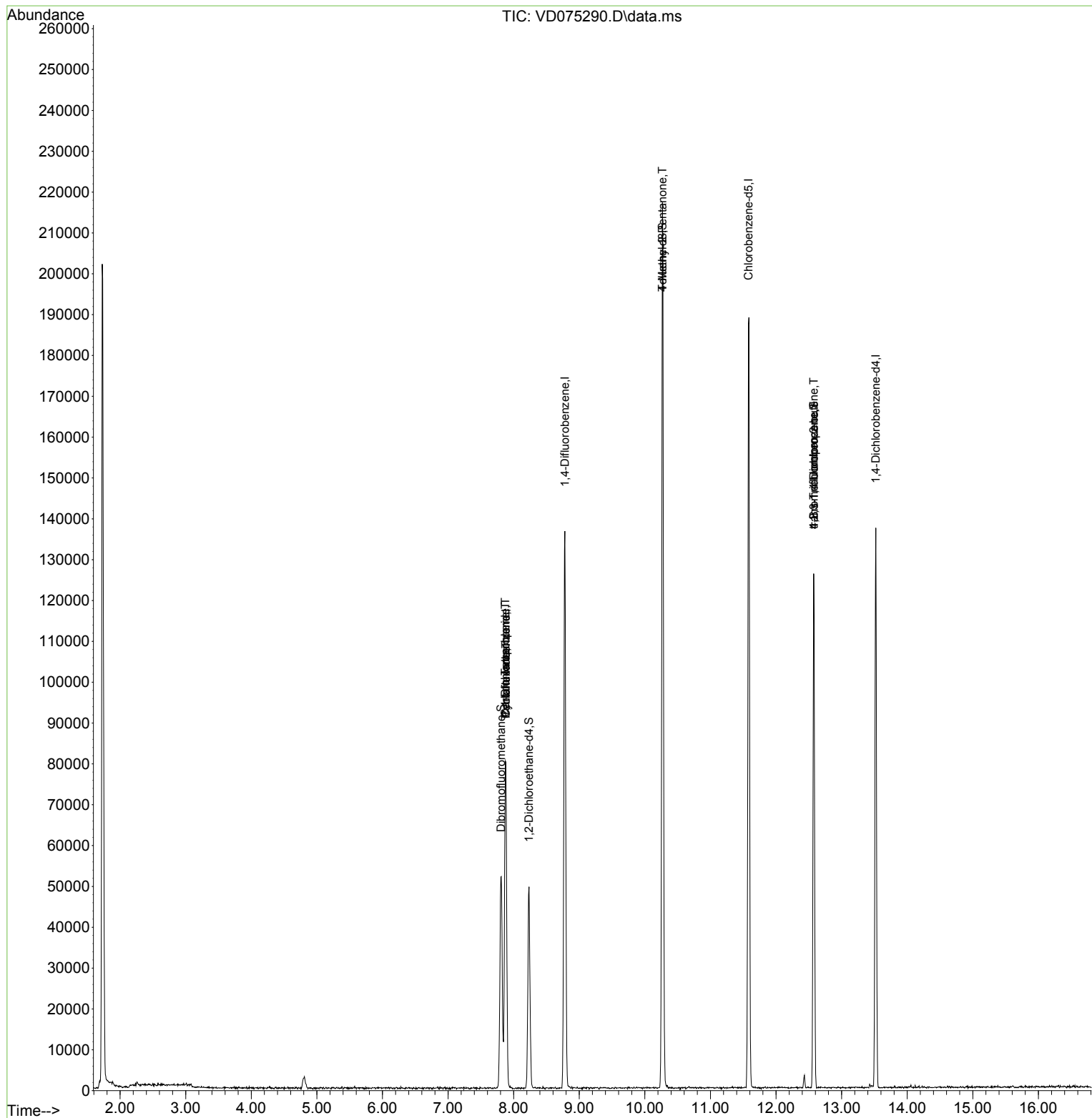
Internal Standards						
1) Pentafluorobenzene	7.881	168	61873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	116187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	104273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	34521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37864	52.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.810	113	38473	47.224	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.440%			
50) Toluene-d8	10.269	98	142087	45.988	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.980%			
62) 4-Bromofluorobenzene	12.575	95	37147	36.463	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.920%			
Target Compounds						
3) Chloromethane	2.146	50	53	Below Cal	#	41
20) Methylene Chloride	4.810	84	2014	Below Cal	#	69
31) Cyclohexane	7.881	56	1960	1.521	ug/l #	73
36) 1,1-Dichloropropene	7.875	75	5253	4.139	ug/l #	46
38) Carbon Tetrachloride	7.875	117	6445	5.480	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	718	1.343	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	20852	53.179	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	20852	167.482	ug/l #	14

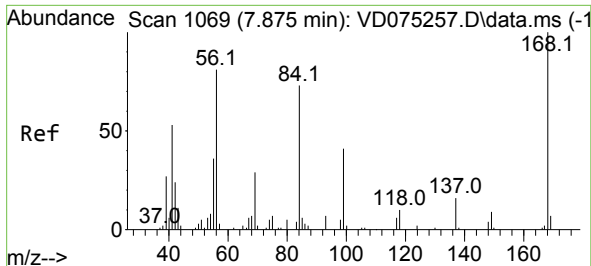
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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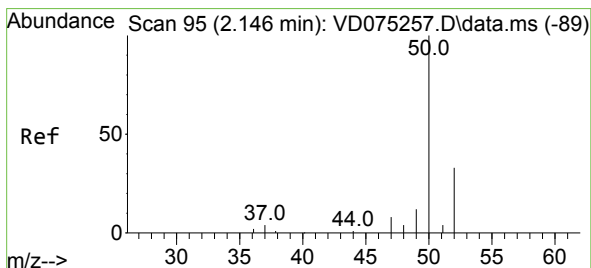
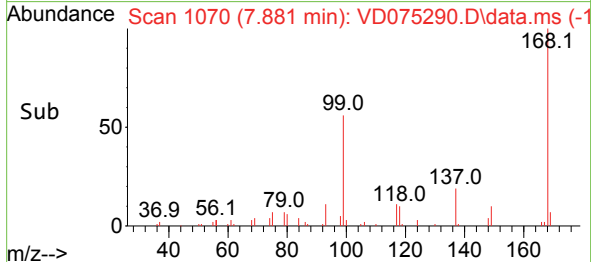
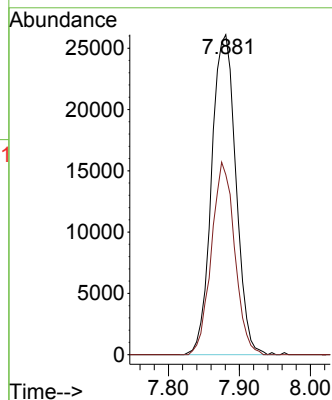
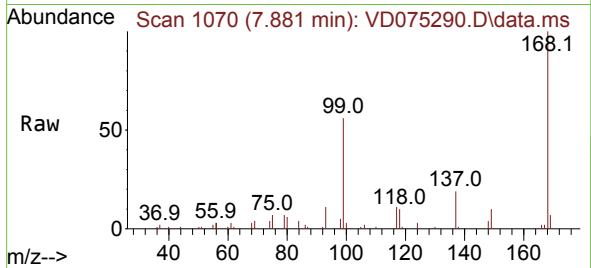




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

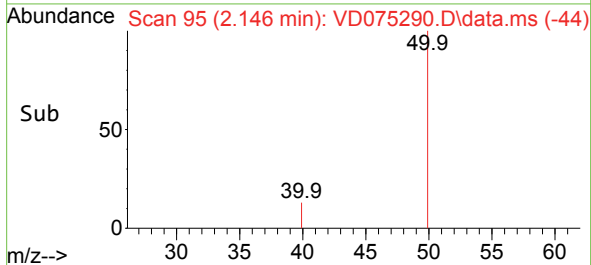
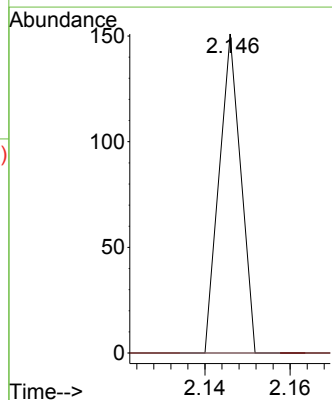
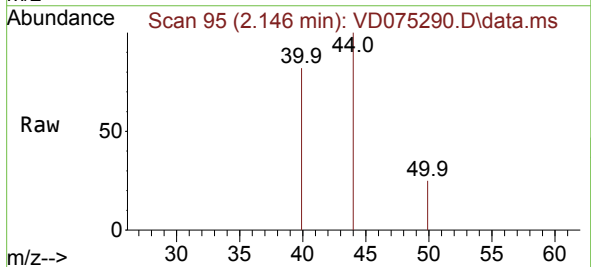
Instrument :
MSVOA_D
ClientSampleId :
JPP-51B-020823

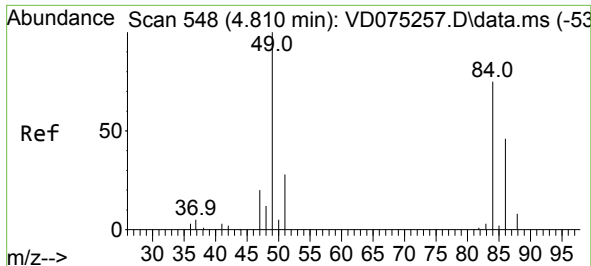
Tgt Ion:168 Resp: 61873
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

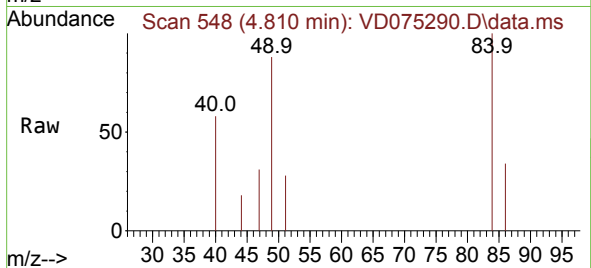
Tgt Ion: 50 Resp: 53
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



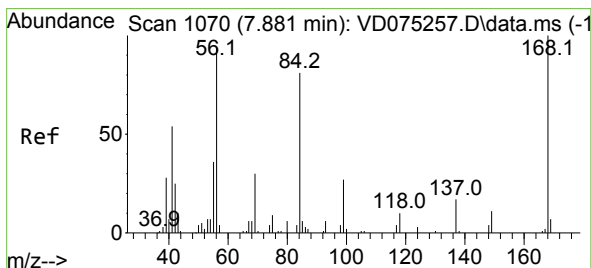
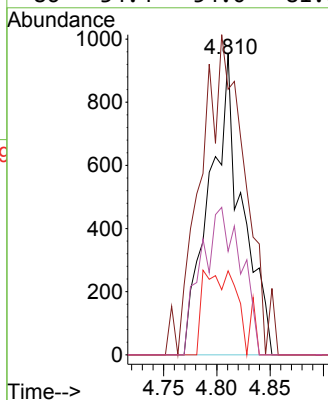
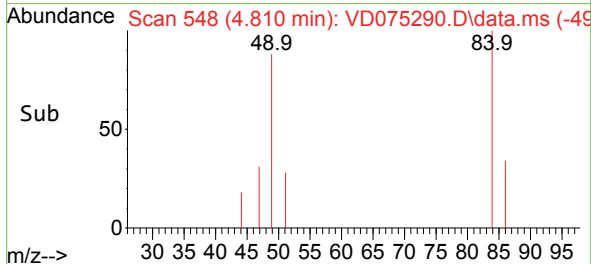


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

Instrument :
MSVOA_D
ClientSampleId :
JPP-51B-020823

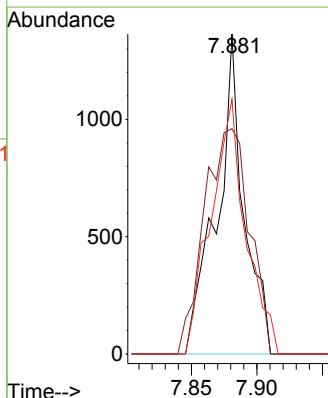
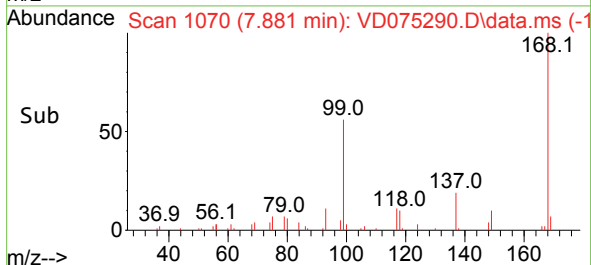
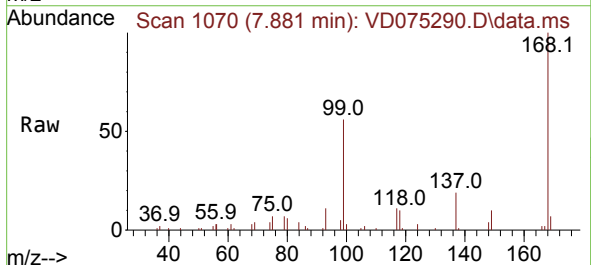


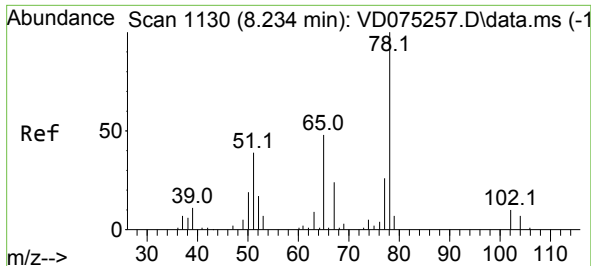
Tgt Ion:	84	Resp:	2014
Ion	Ratio	Lower	Upper
84	100		
49	88.2	97.0	145.6#
51	27.9	30.9	46.3#
86	34.4	54.0	81.0#



#31
Cyclohexane
Concen: 1.521 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

Tgt Ion:	56	Resp:	1960
Ion	Ratio	Lower	Upper
56	100		
69	70.4	26.6	40.0#
84	79.6	74.1	111.1

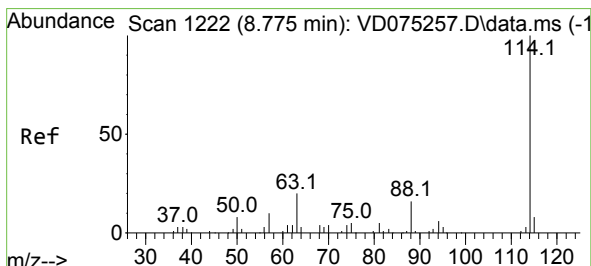
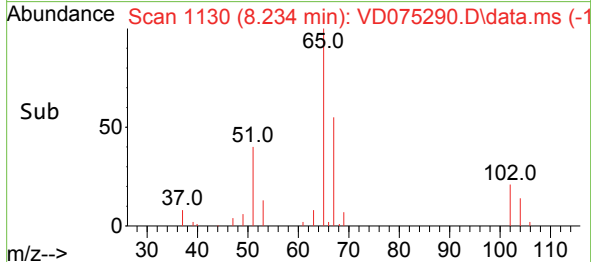
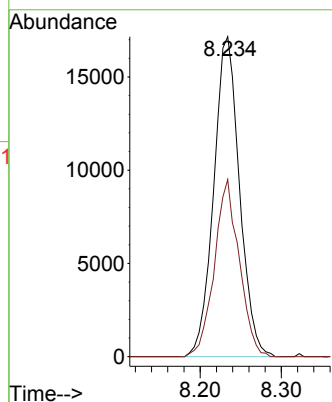
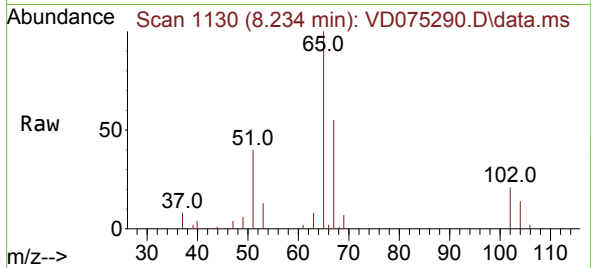




#33
 1,2-Dichloroethane-d4
 Concen: 52.189 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD075290.D
 Acq: 09 Feb 2023 13:16

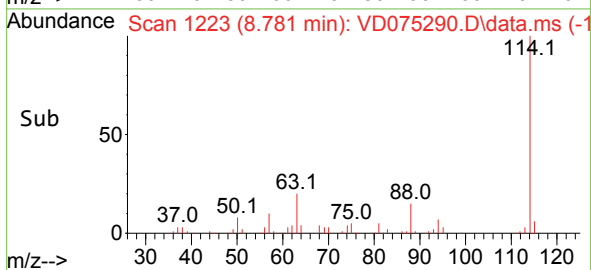
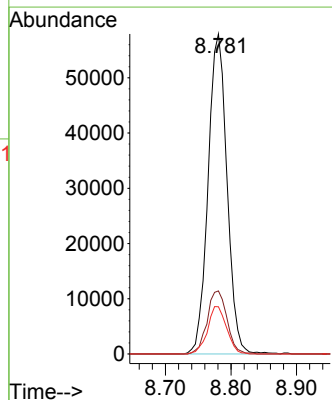
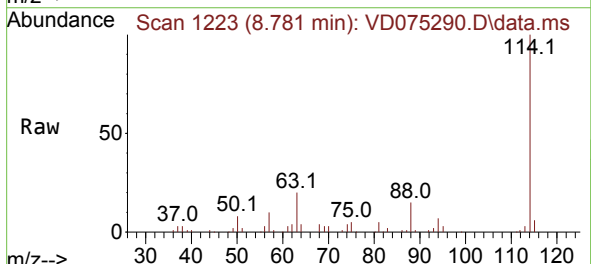
Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-51B-020823

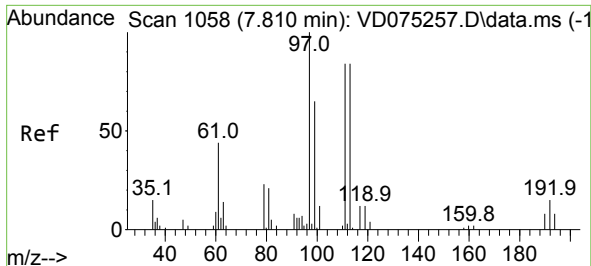
Tgt Ion: 65 Resp: 37864
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075290.D
 Acq: 09 Feb 2023 13:16

Tgt Ion: 114 Resp: 116187
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.2
 88 14.8 0.0 32.2

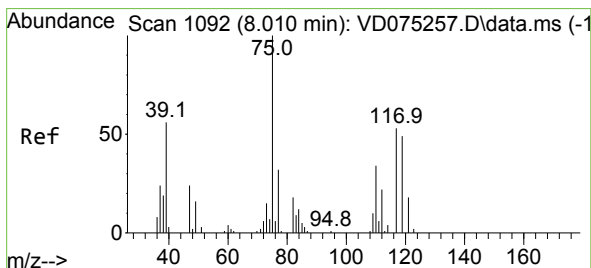
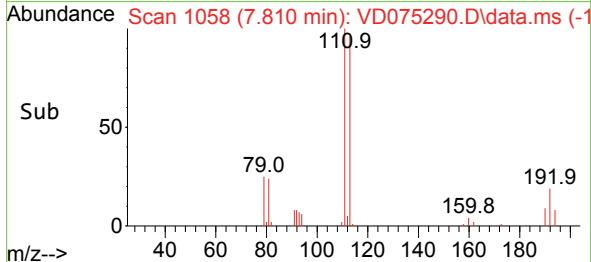
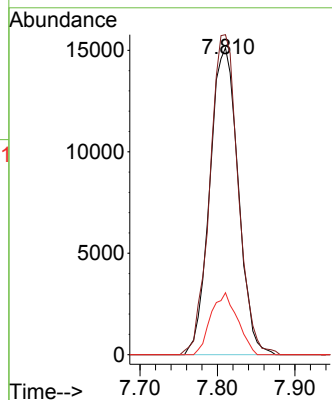
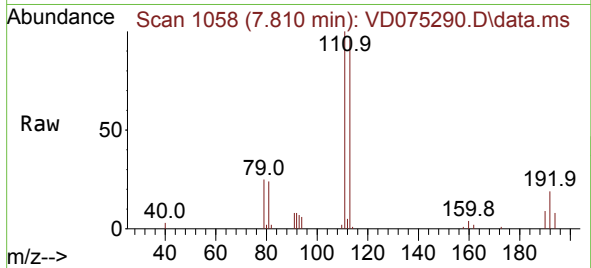




#35
Dibromofluoromethane
Concen: 47.224 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

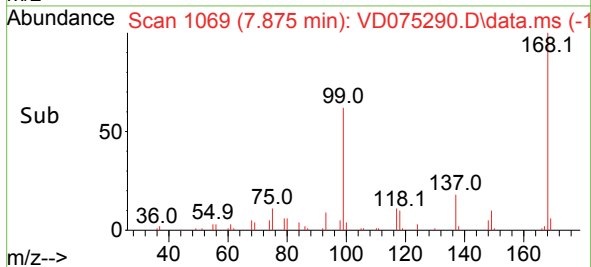
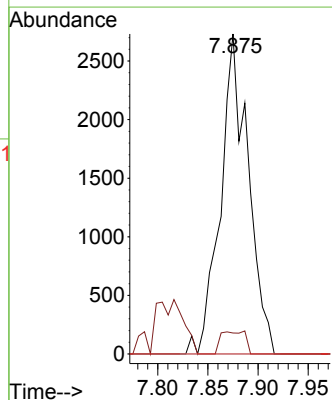
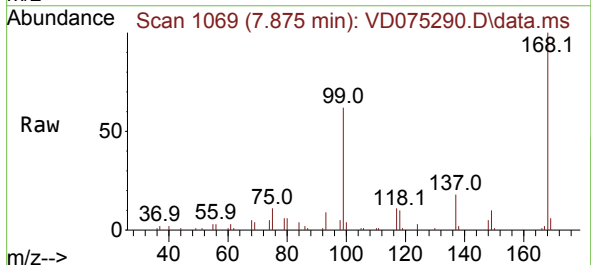
Instrument :
MSVOA_D
ClientSampleId :
JPP-51B-020823

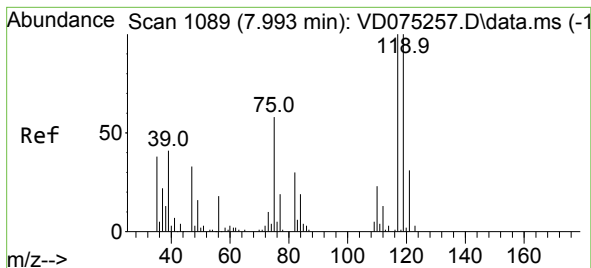
Tgt Ion:113 Resp: 38473
Ion Ratio Lower Upper
113 100
111 104.0 80.1 120.1
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.139 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

Tgt Ion: 75 Resp: 5253
Ion Ratio Lower Upper
75 100
110 6.2 18.1 54.4#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.480 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075290.D

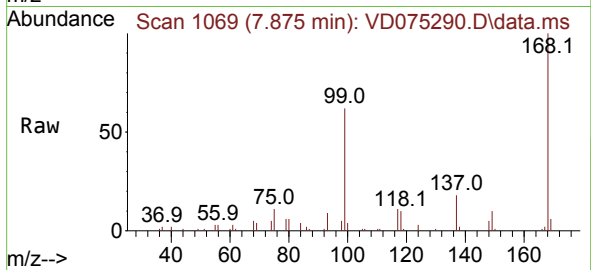
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Instrument :

MSVOA_D

ClientSampleId :

JPP-51B-020823



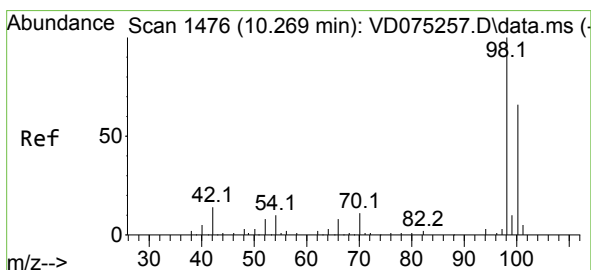
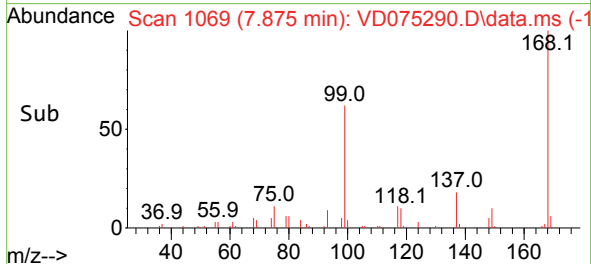
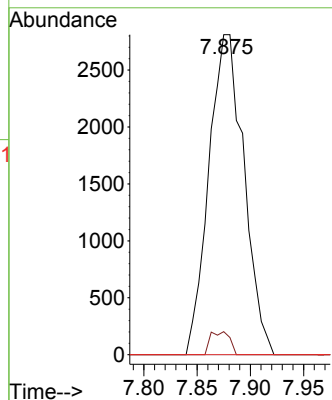
Tgt Ion:117 Resp: 6445

Ion Ratio Lower Upper

117 100

119 7.2 73.6 110.4#

121 0.0 25.4 38.0#



#50

Toluene-d8

Concen: 45.988 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075290.D

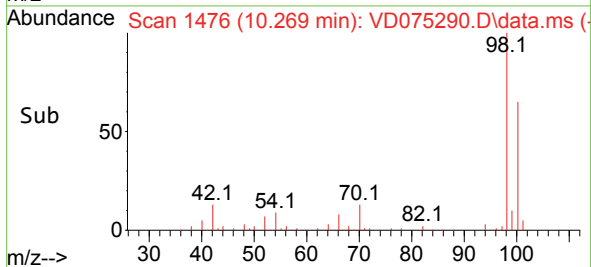
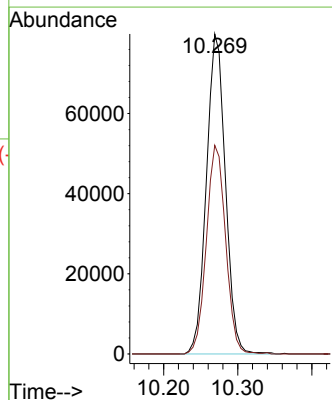
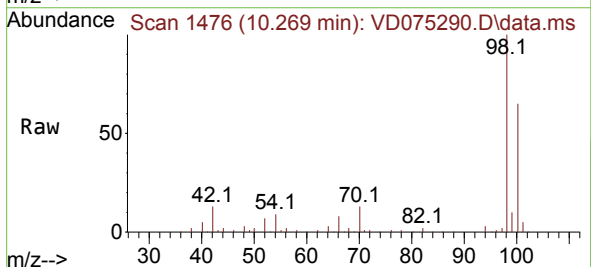
Acq: 09 Feb 2023 13:16

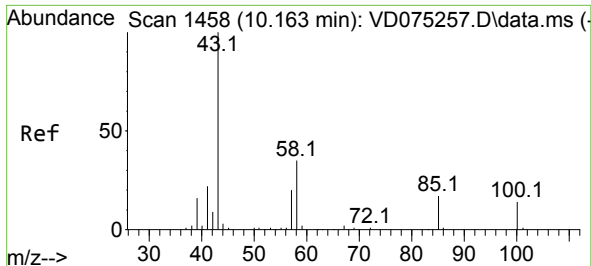
Tgt Ion: 98 Resp: 142087

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.343 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.106 min

Lab File: VD075290.D

Acq: 09 Feb 2023 13:16

Instrument :

MSVOA_D

ClientSampleId :

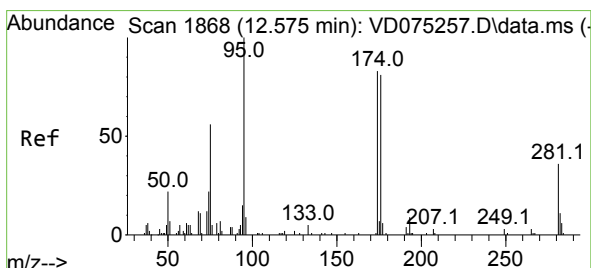
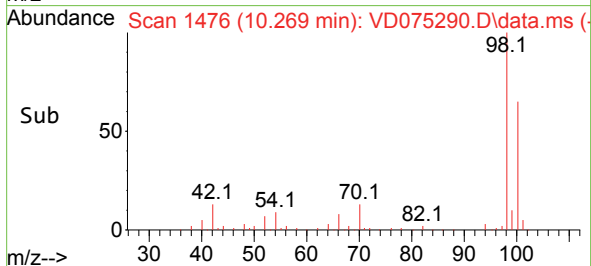
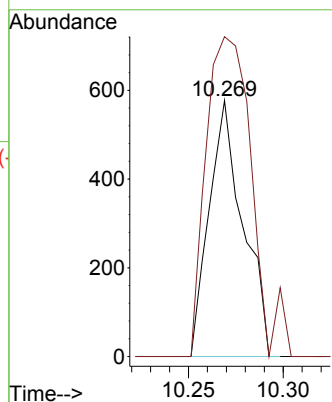
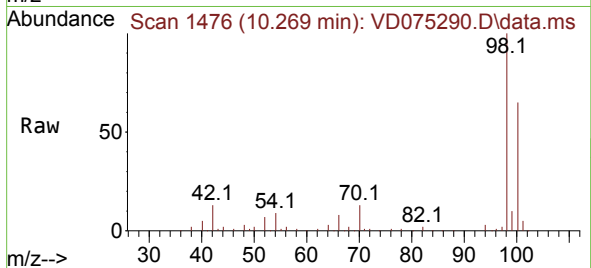
JPP-51B-020823

Tgt Ion: 43 Resp: 718

Ion Ratio Lower Upper

43 100

58 168.1 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 36.463 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075290.D

Acq: 09 Feb 2023 13:16

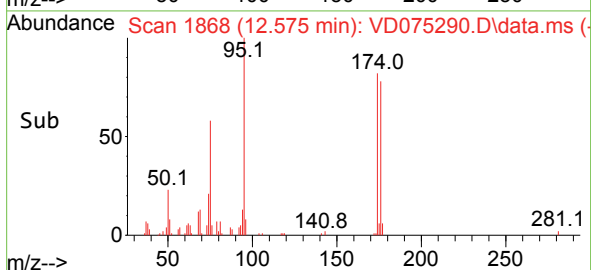
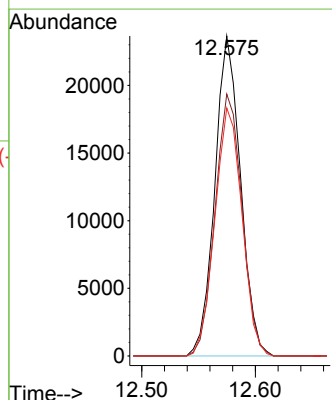
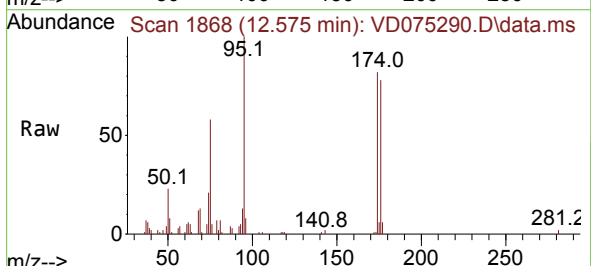
Tgt Ion: 95 Resp: 37147

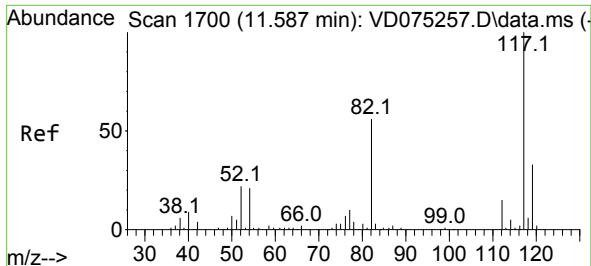
Ion Ratio Lower Upper

95 100

174 86.2 0.0 161.2

176 81.9 0.0 160.2

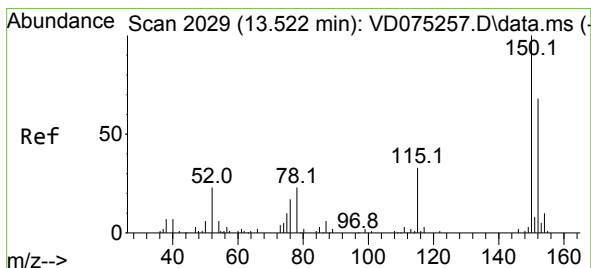
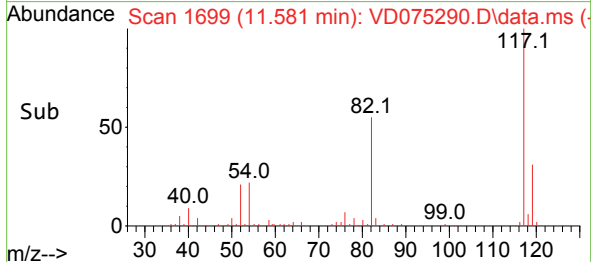
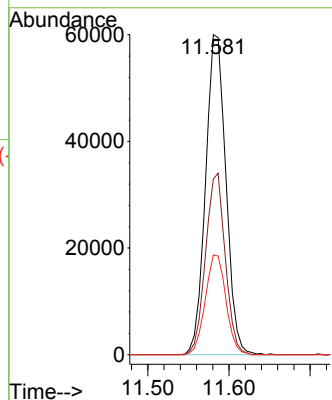
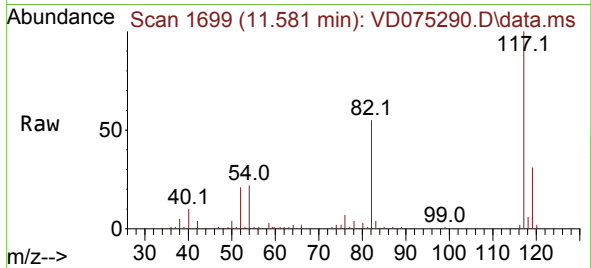




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

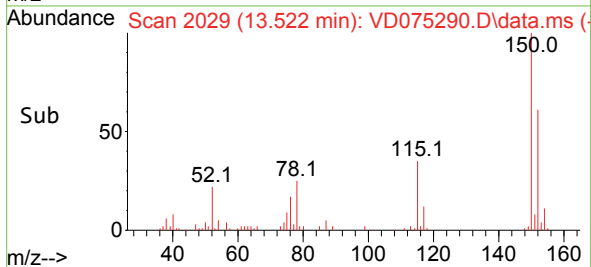
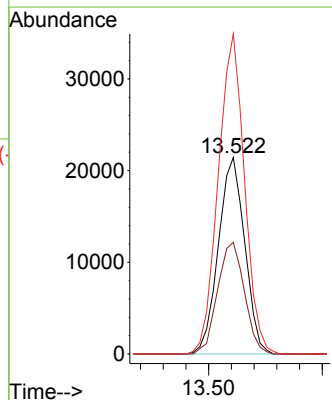
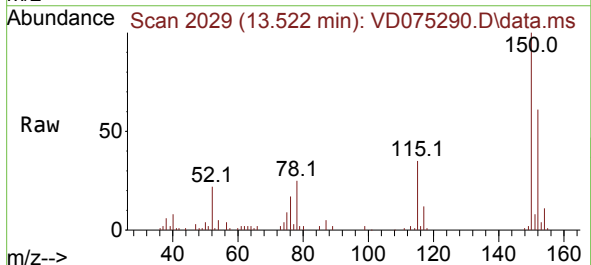
Instrument :
MSVOA_D
ClientSampleId :
JPP-51B-020823

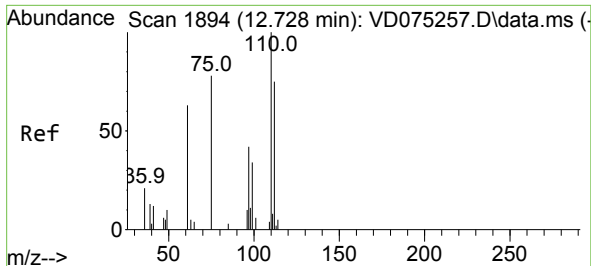
Tgt Ion:117 Resp: 104273
Ion Ratio Lower Upper
117 100
82 54.9 39.6 59.4
119 31.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

Tgt Ion:152 Resp: 34521
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 161.7 0.0 348.6

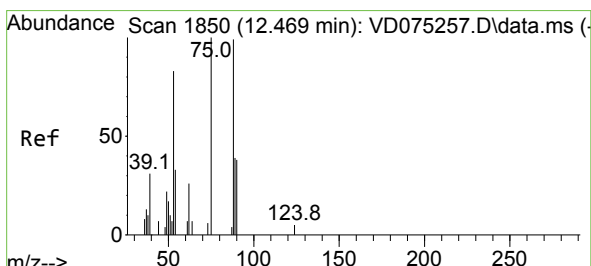
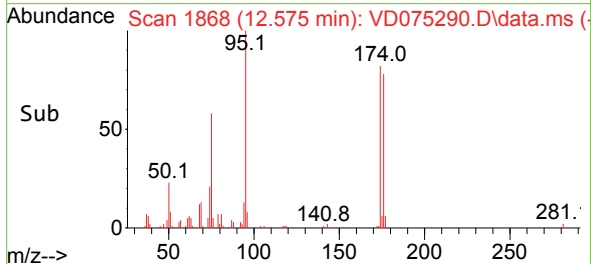
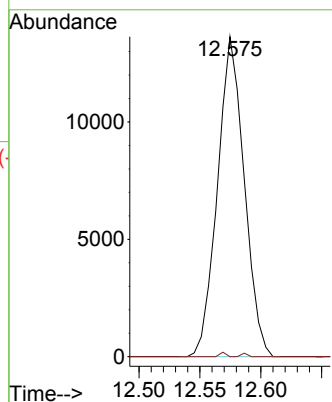
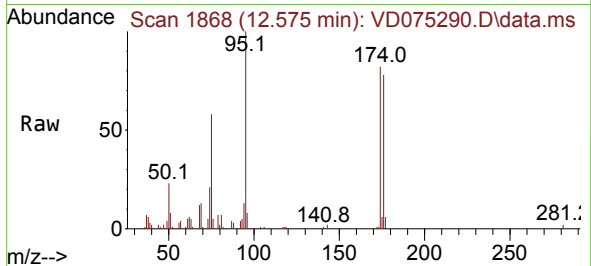




#76
1,2,3-Trichloropropane
Concen: 53.179 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

Instrument :
MSVOA_D
ClientSampleId :
JPP-51B-020823

Tgt Ion: 75 Resp: 20852
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.482 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

Tgt Ion: 75 Resp: 20852
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

