

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075295.D
 Acq On : 09 Feb 2023 15:35
 Operator : KP/SY
 Sample : 01481-09
 Misc : 8.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-46-020723

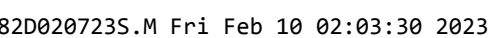
Quant Time: Feb 10 02:03:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

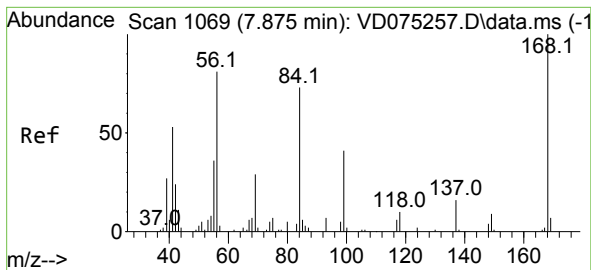
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	63487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	117517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	114685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	45465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38310	51.462	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.920%			
35) Dibromofluoromethane	7.804	113	37149	45.082	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.160%			
50) Toluene-d8	10.269	98	143578	45.945	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.880%			
62) 4-Bromofluorobenzene	12.575	95	46317	44.949	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.900%			
Target Compounds						
3) Chloromethane	2.146	50	58	Below Cal	#	41
20) Methylene Chloride	4.799	84	2034	Below Cal		93
31) Cyclohexane	7.875	56	1657	1.254	ug/l #	51
36) 1,1-Dichloropropene	7.881	75	5535	4.312	ug/l #	43
38) Carbon Tetrachloride	7.881	117	6309	5.304	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	693	1.281	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	25621	49.613	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25621	156.392	ug/l #	14

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

Quant Time: Feb 10 02:03:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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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: VD075295.D

Acq: 09 Feb 2023 15:35

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MSVOA_D

ClientSampleId :

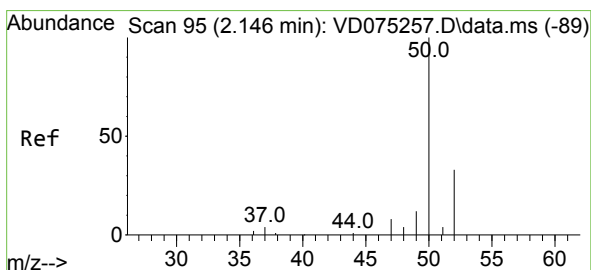
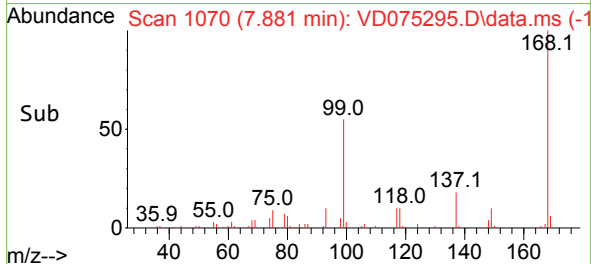
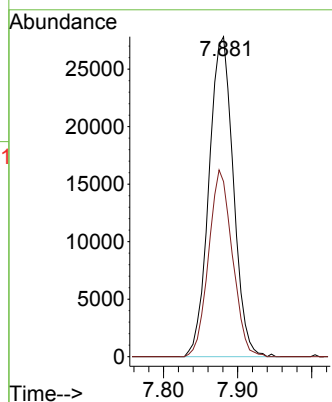
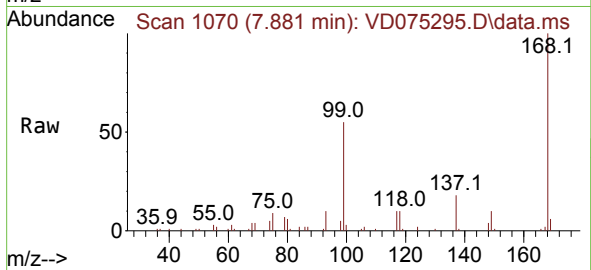
JPP-46-020723

Tgt Ion:168 Resp: 63487

Ion Ratio Lower Upper

168 100

99 54.7 45.2 67.8



#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 95

Delta R.T. -0.000 min

Lab File: VD075295.D

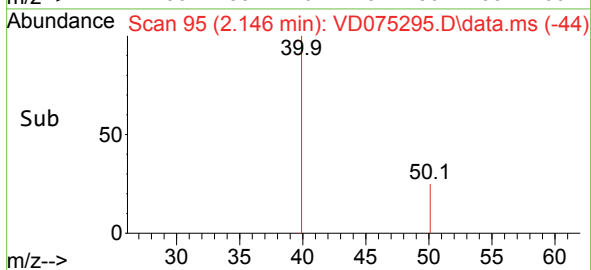
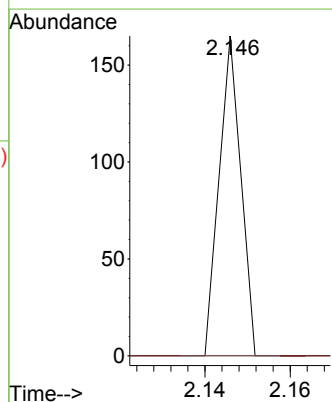
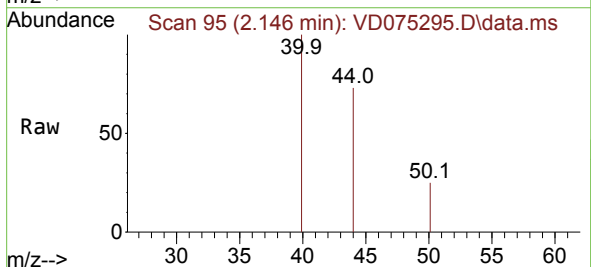
Acq: 09 Feb 2023 15:35

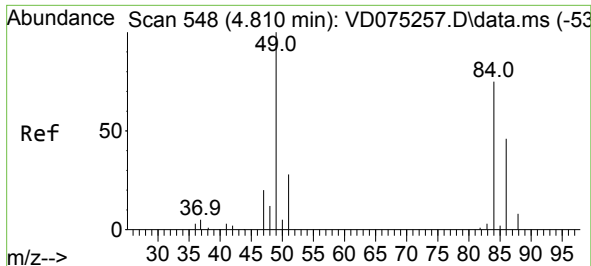
Tgt Ion: 50 Resp: 58

Ion Ratio Lower Upper

50 100

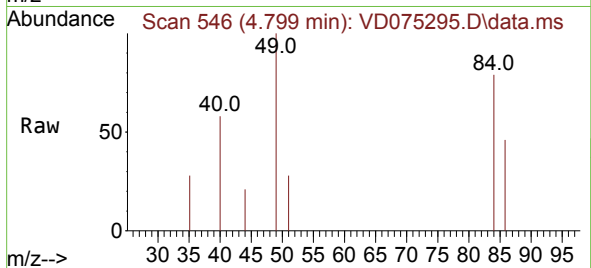
52 0.0 27.0 40.6#



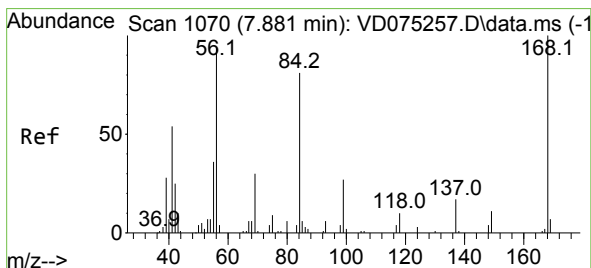
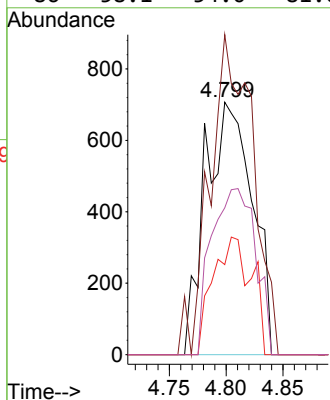
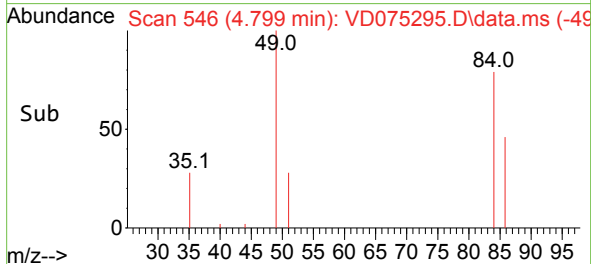


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

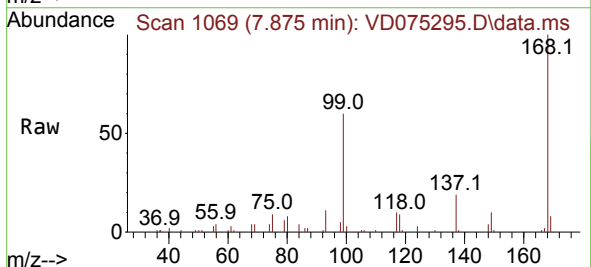
Instrument :
MSVOA_D
ClientSampleId :
JPP-46-020723



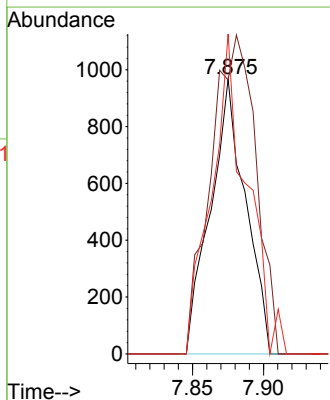
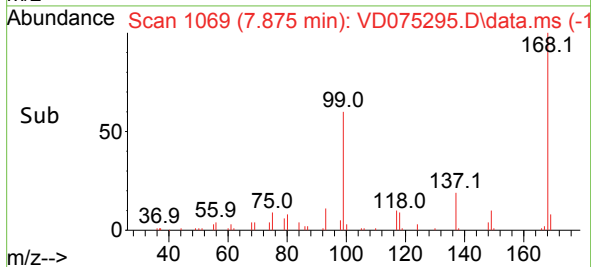
Tgt Ion:	84	Resp:	2034
Ion	Ratio	Lower	Upper
84	100		
49	126.7	97.0	145.6
51	35.6	30.9	46.3
86	58.1	54.0	81.0

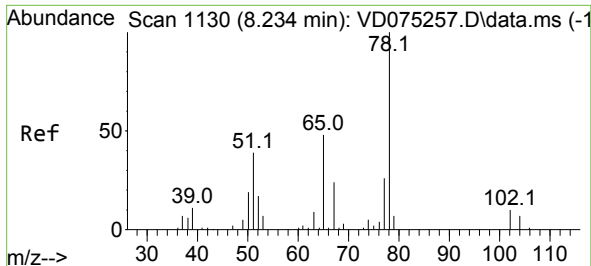


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35



Tgt Ion:	56	Resp:	1657
Ion	Ratio	Lower	Upper
56	100		
69	99.6	26.6	40.0#
84	116.3	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 51.462 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075295.D

Acq: 09 Feb 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

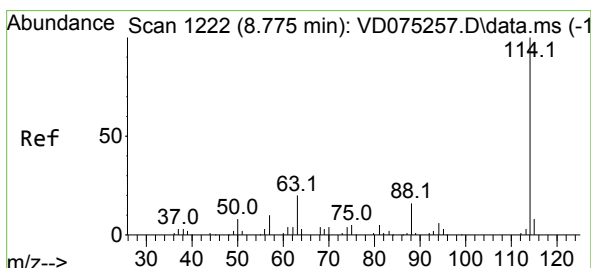
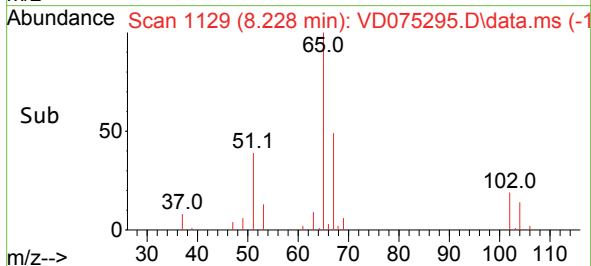
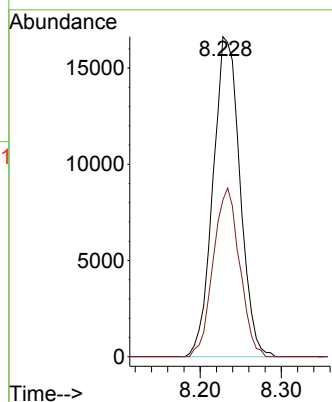
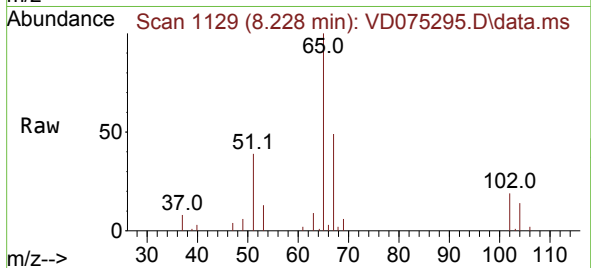
JPP-46-020723

Tgt Ion: 65 Resp: 38310

Ion Ratio Lower Upper

65 100

67 51.7 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: VD075295.D

Acq: 09 Feb 2023 15:35

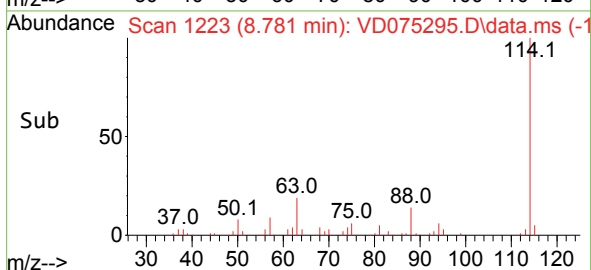
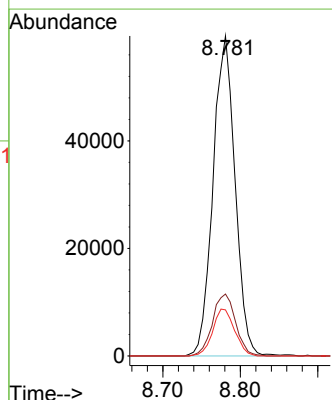
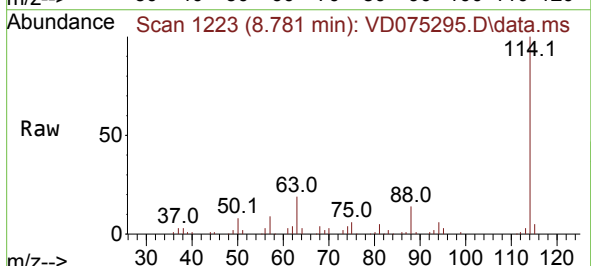
Tgt Ion:114 Resp: 117517

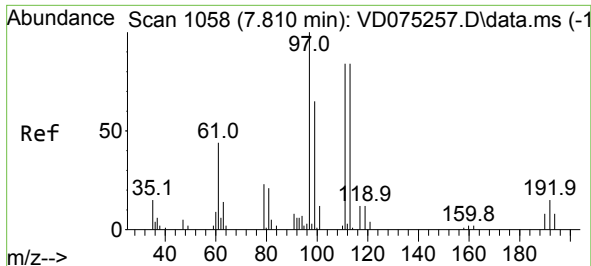
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.2

88 14.4 0.0 32.2

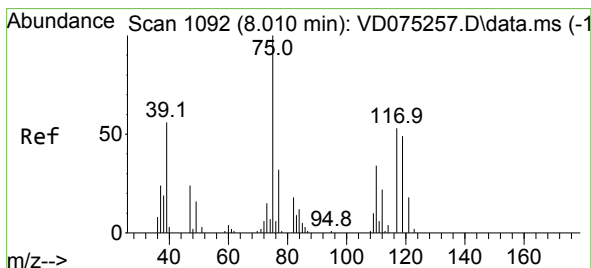
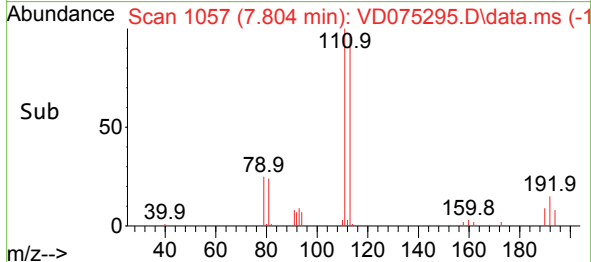
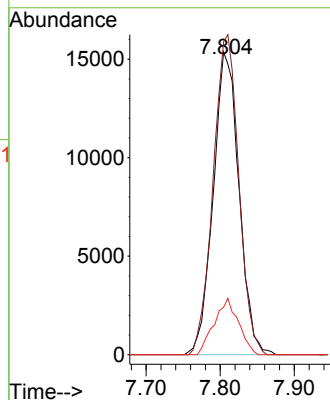
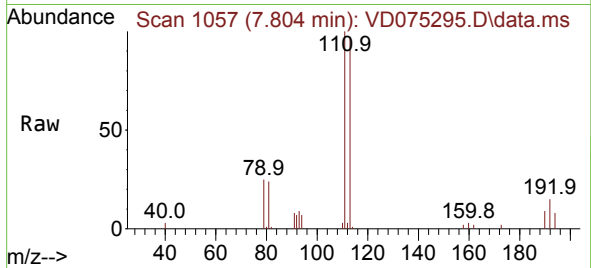




#35
Dibromofluoromethane
Concen: 45.082 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

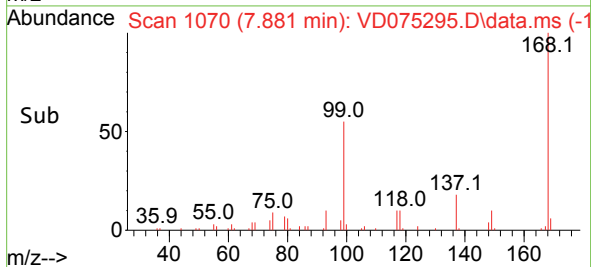
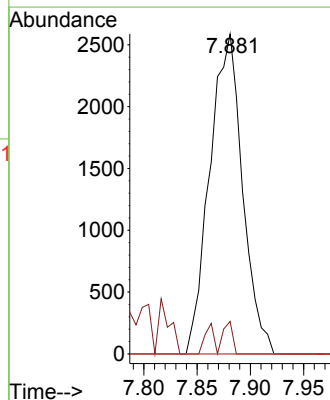
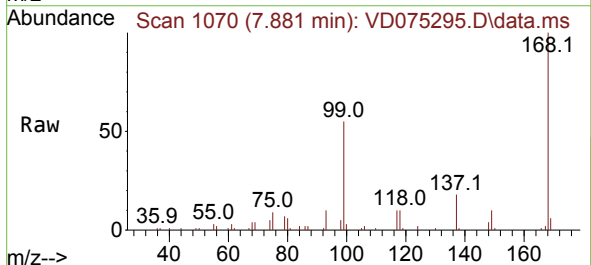
Instrument :
MSVOA_D
ClientSampleId :
JPP-46-020723

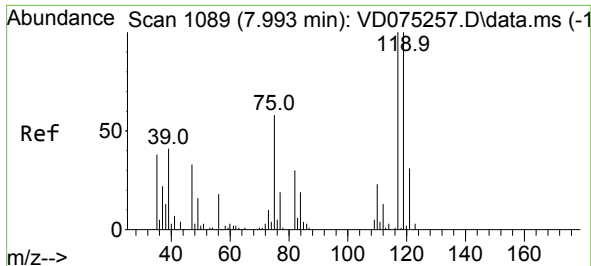
Tgt Ion:113 Resp: 37149
Ion Ratio Lower Upper
113 100
111 104.7 80.1 120.1
192 17.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.312 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

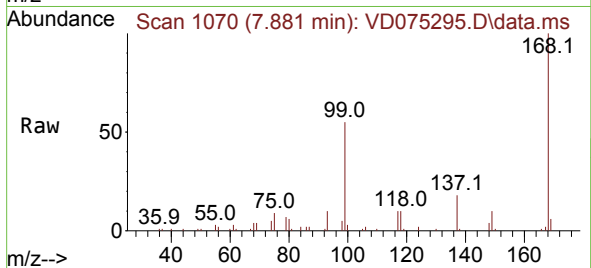
Tgt Ion: 75 Resp: 5535
Ion Ratio Lower Upper
75 100
110 3.0 18.1 54.4#
77 0.0 25.1 37.7#



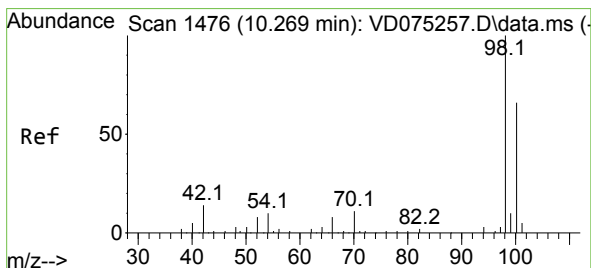
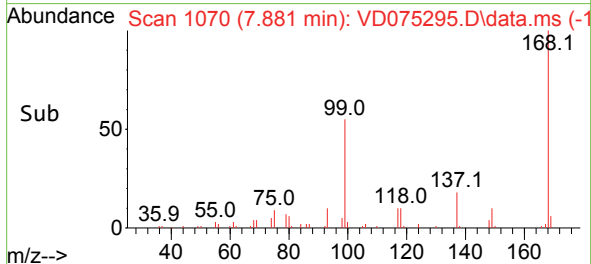
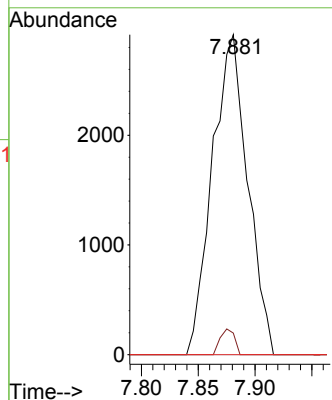


#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :
JPP-46-020723

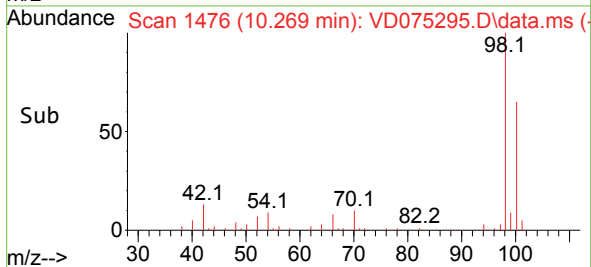
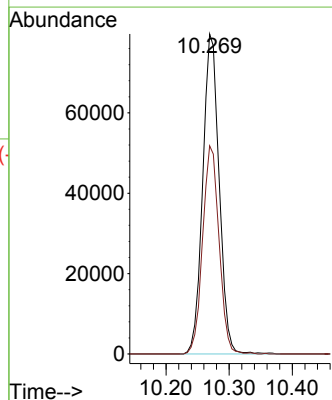
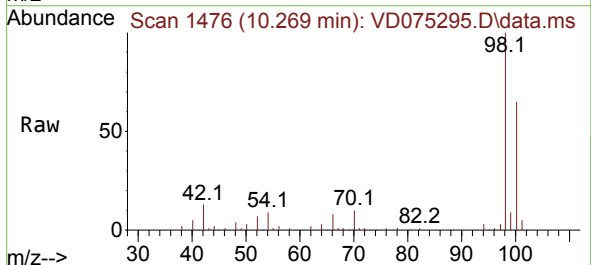


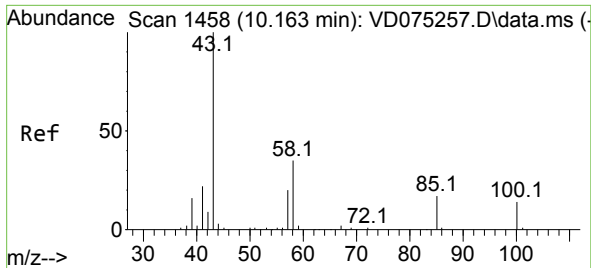
Tgt Ion:117 Resp: 6309
Ion Ratio Lower Upper
117 100
119 6.7 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 45.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Tgt Ion: 98 Resp: 143578
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

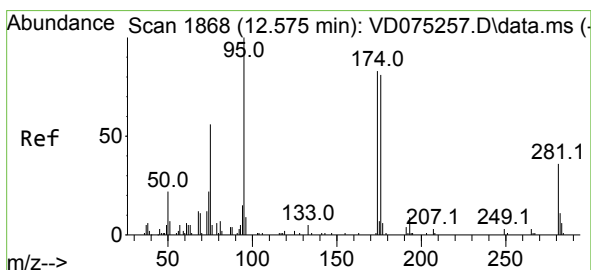
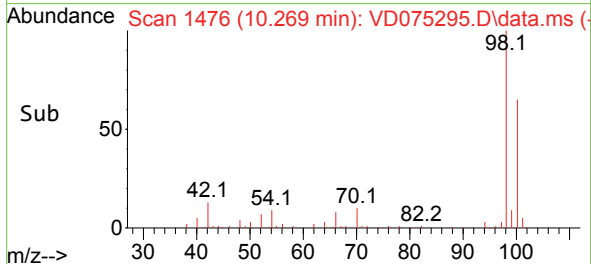
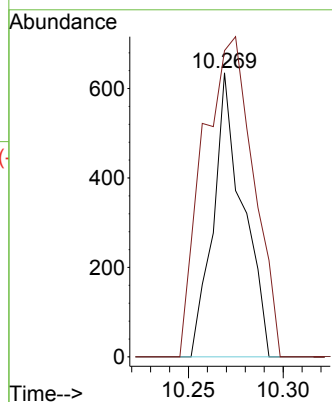
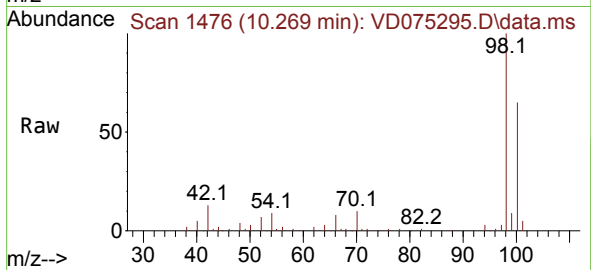




#51
4-Methyl-2-Pentanone
Concen: 1.281 ug/l
RT: 10.269 min Scan# 1458
Delta R.T. 0.106 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

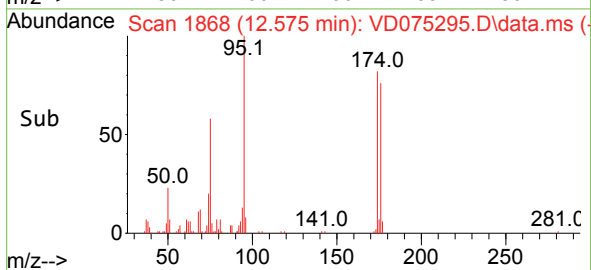
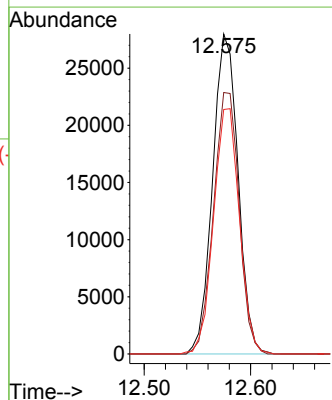
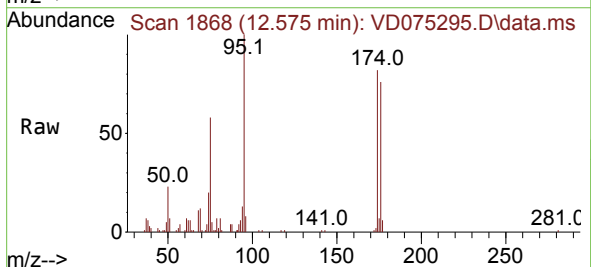
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JPP-46-020723

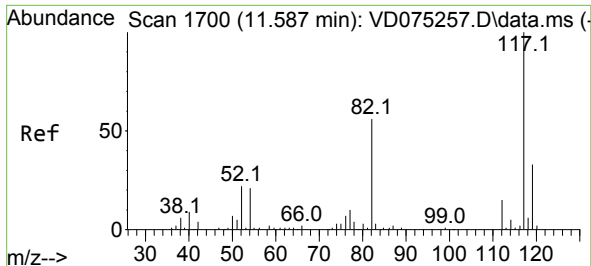
Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 191.1 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Tgt Ion: 95 Resp: 46317
Ion Ratio Lower Upper
95 100
174 82.4 0.0 161.2
176 78.1 0.0 160.2

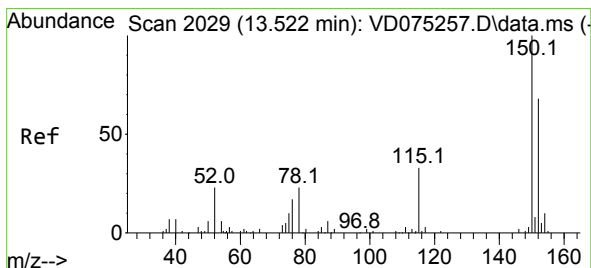
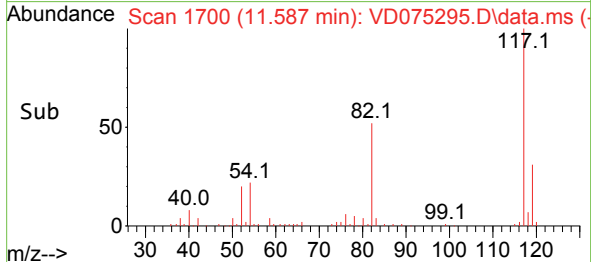
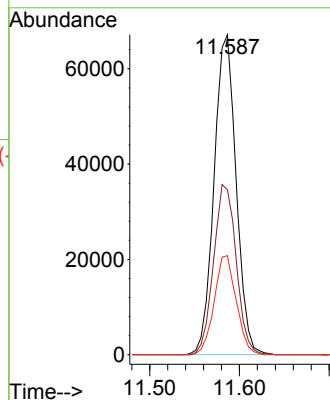
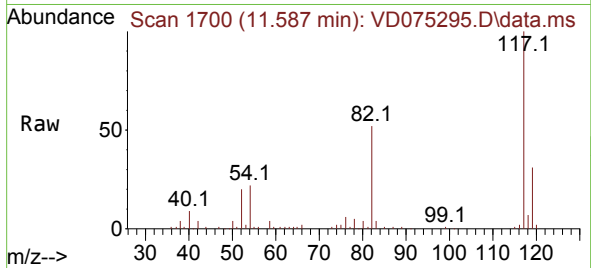




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

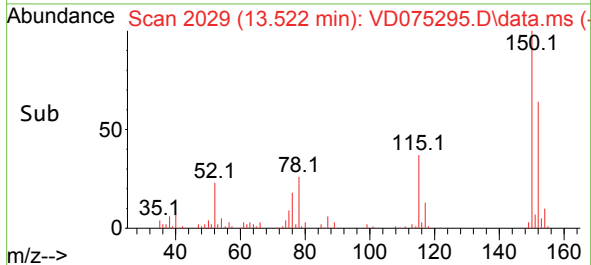
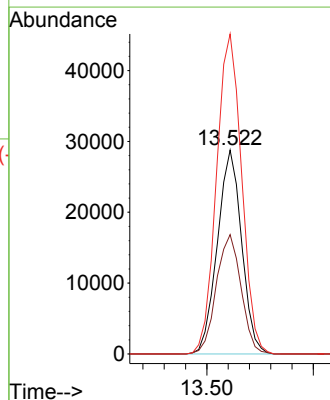
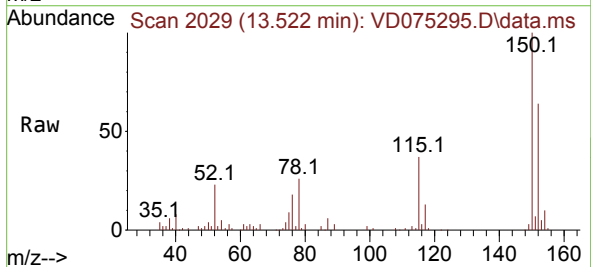
Instrument :
MSVOA_D
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JPP-46-020723

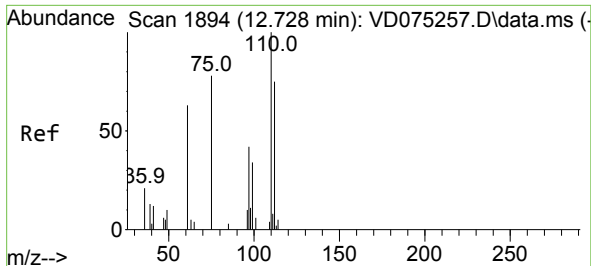
Tgt Ion:117 Resp: 114685
Ion Ratio Lower Upper
117 100
82 51.5 39.6 59.4
119 30.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Tgt Ion:152 Resp: 45465
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 162.3 0.0 348.6

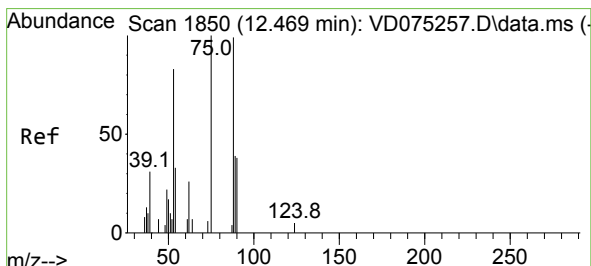
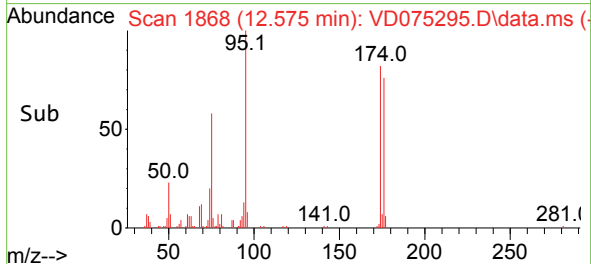
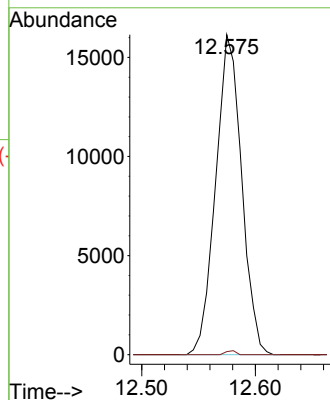
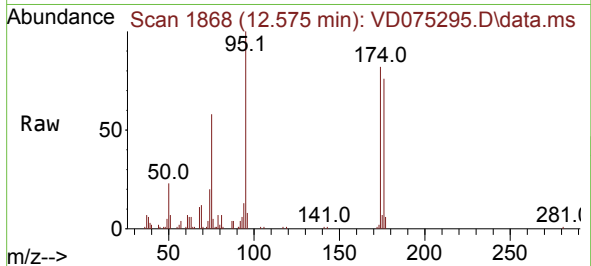




#76
1,2,3-Trichloropropane
Concen: 49.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :
JPP-46-020723

Tgt Ion: 75 Resp: 25621
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.392 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Tgt Ion: 75 Resp: 25621
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

