

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075646.D
 Acq On : 12 Apr 2023 18:16
 Operator : KP/SY
 Sample : 02262-01
 Misc : 7.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-2-040723

Quant Time: Apr 13 07:30:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

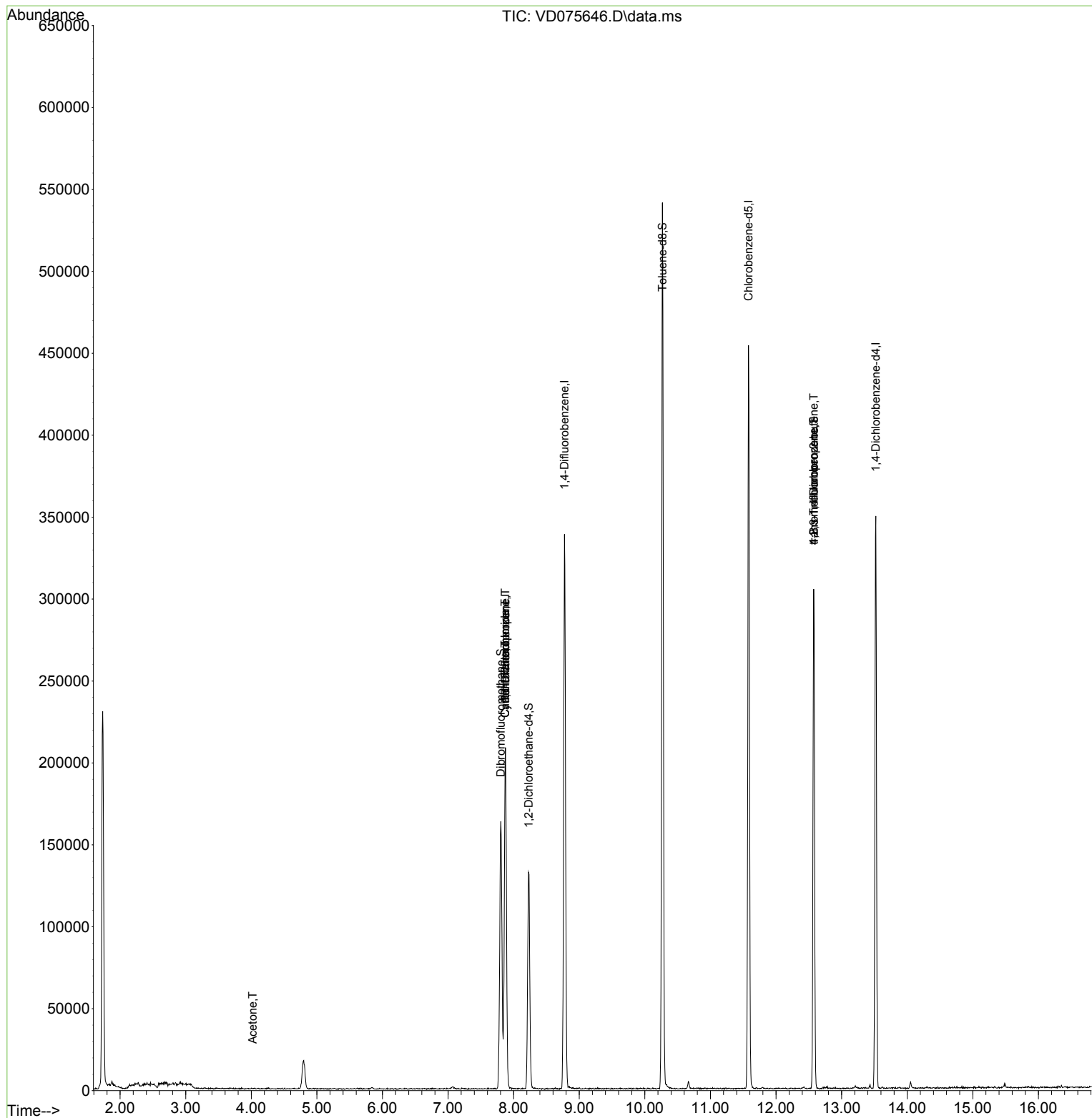
Internal Standards						
1) Pentafluorobenzene	7.875	168	168364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102107	73.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.860%	
35) Dibromofluoromethane	7.804	113	122048	65.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.480%	
50) Toluene-d8	10.269	98	391173	53.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.575	95	98432	45.597	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.200%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	400	1.589	ug/l #	44
20) Methylene Chloride	4.793	84	16139	Below Cal	#	72
31) Cyclohexane	7.869	56	3001	1.493	ug/l #	3
36) 1,1-Dichloropropene	7.875	75	12259	5.131	ug/l #	51
38) Carbon Tetrachloride	7.869	117	15995	6.981	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	48744	73.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	48744	139.225	ug/l #	5

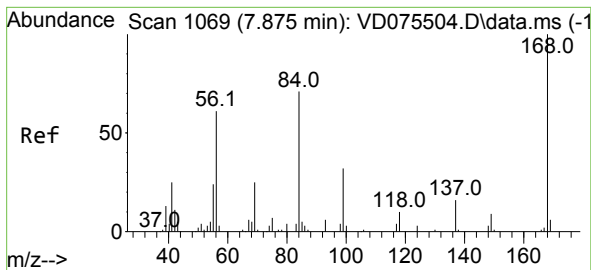
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration

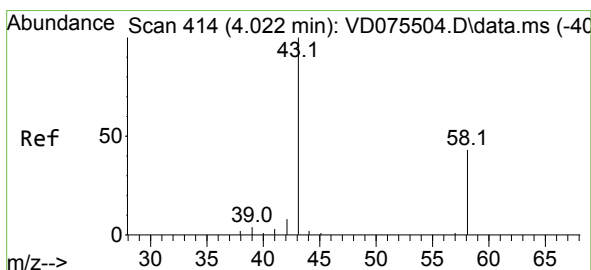
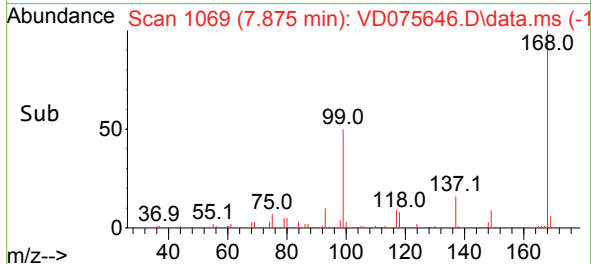
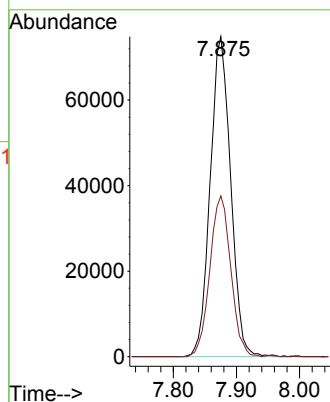
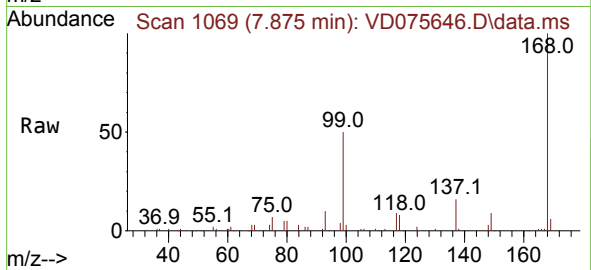




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

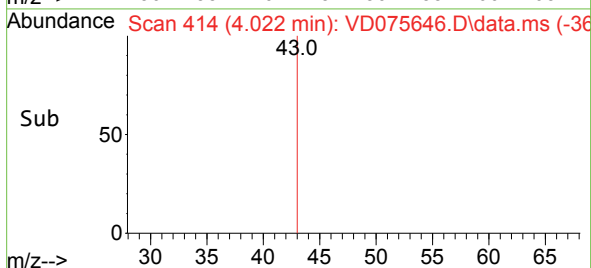
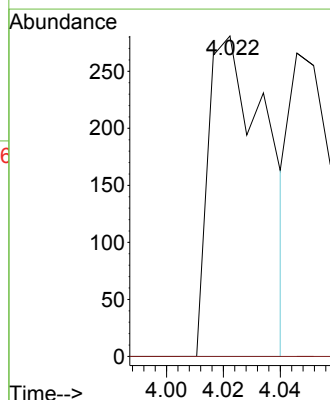
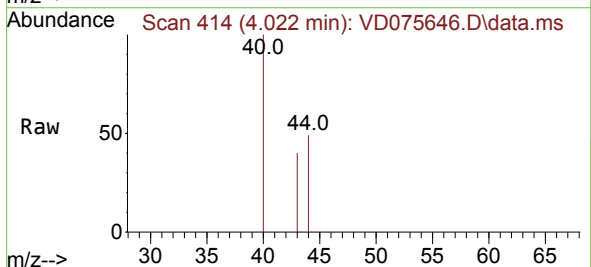
Instrument :
MSVOA_D
ClientSampleId :
JPP-2-040723

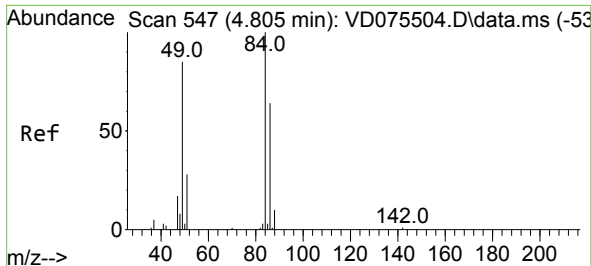
Tgt Ion:168 Resp: 168364
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#16
Acetone
Concen: 1.589 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

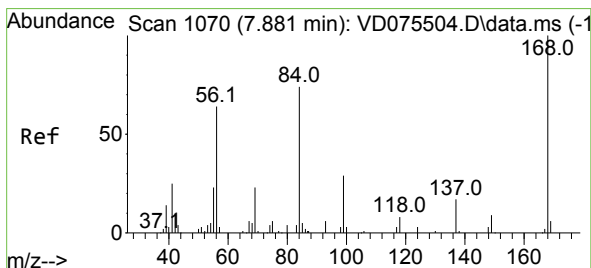
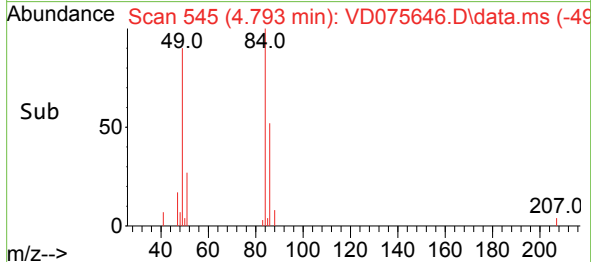
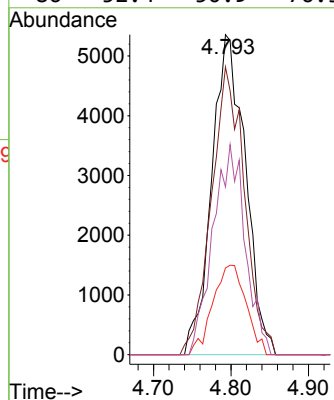
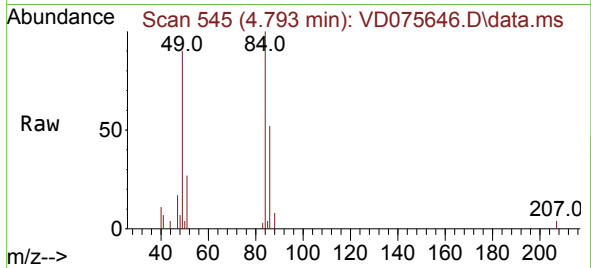




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

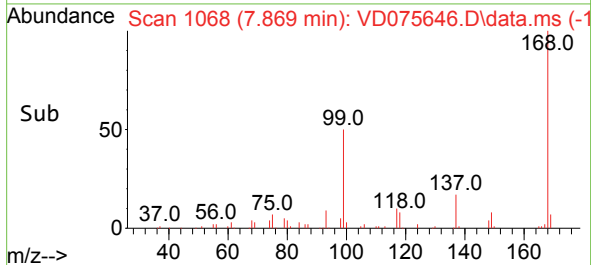
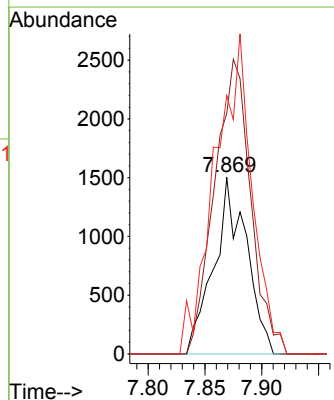
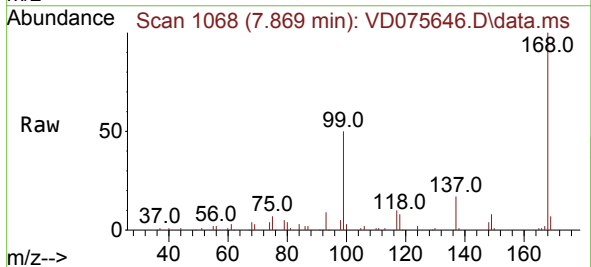
Instrument :
MSVOA_D
ClientSampleId :
JPP-2-040723

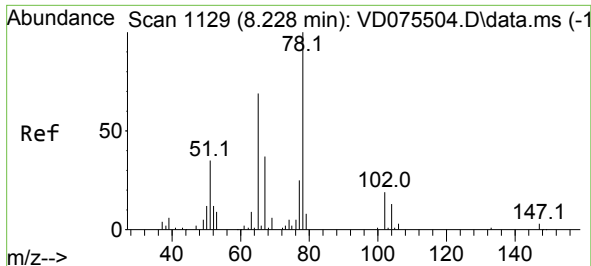
Tgt Ion:	84	Resp:	16139
Ion	Ratio	Lower	Upper
84	100		
49	89.9	106.4	159.6#
51	27.1	32.4	48.6#
86	52.4	50.9	76.3



#31
Cyclohexane
Concen: 1.493 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Tgt Ion:	56	Resp:	3001
Ion	Ratio	Lower	Upper
56	100		
69	136.1	25.5	38.3#
84	146.3	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 73.928 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075646.D

Acq: 12 Apr 2023 18:16

Instrument :

MSVOA_D

ClientSampleId :

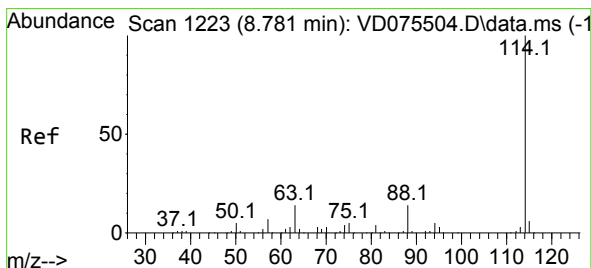
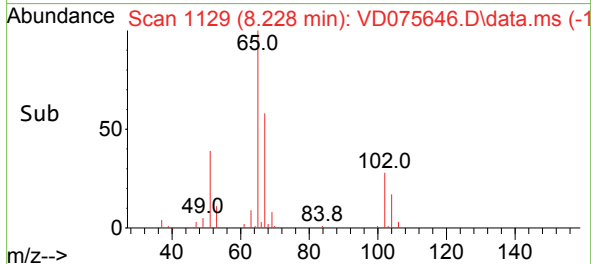
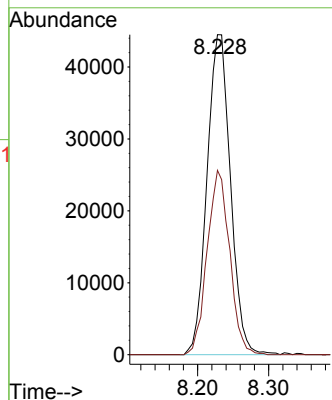
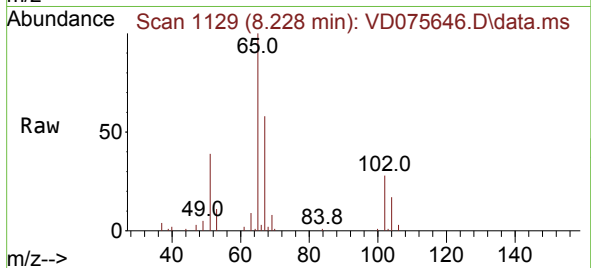
JPP-2-040723

Tgt Ion: 65 Resp: 102107

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075646.D

Acq: 12 Apr 2023 18:16

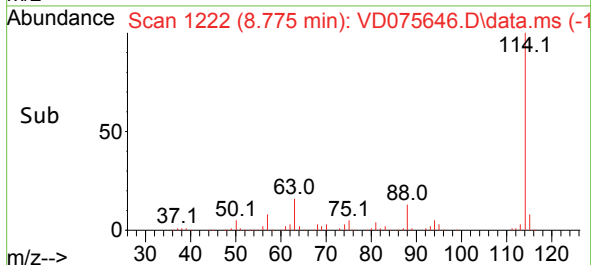
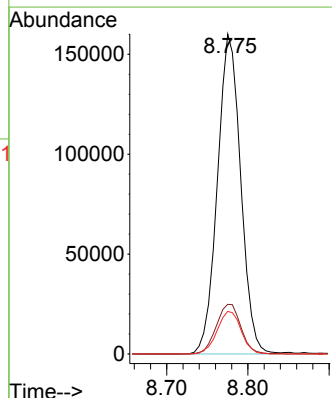
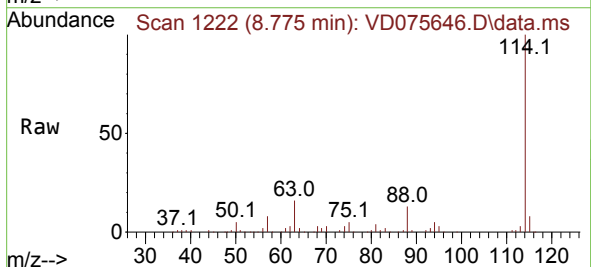
Tgt Ion: 114 Resp: 319212

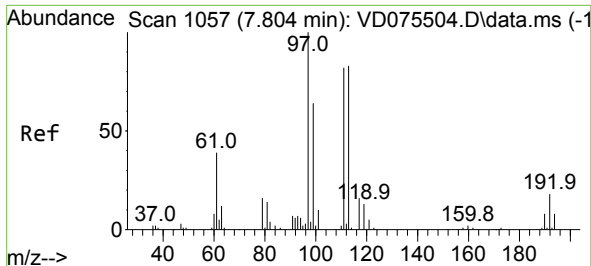
Ion Ratio Lower Upper

114 100

63 15.5 0.0 41.6

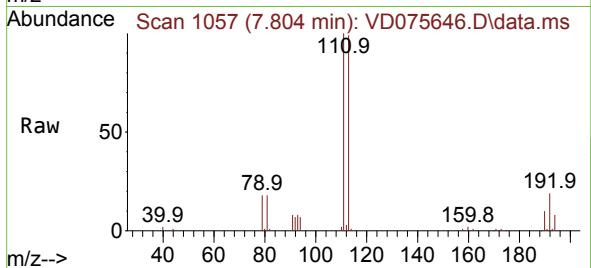
88 13.3 0.0 30.6



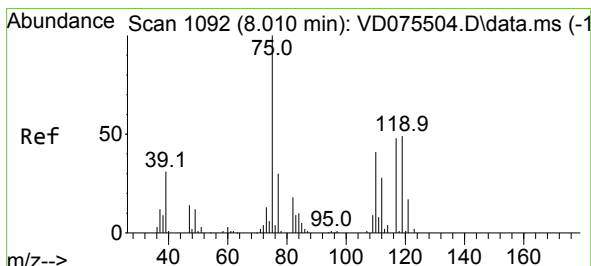
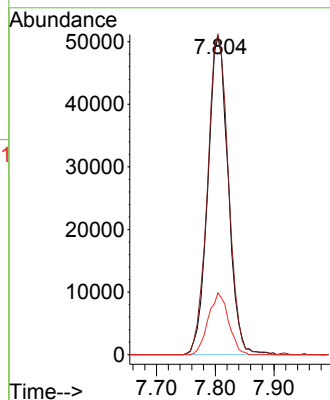
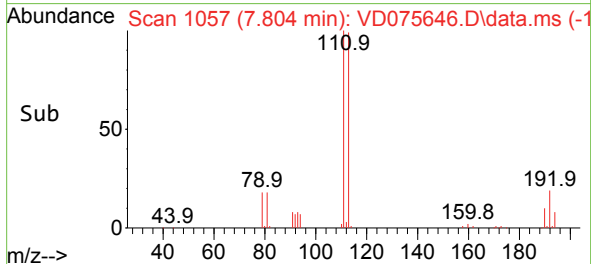


#35
Dibromofluoromethane
Concen: 65.240 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Instrument :
MSVOA_D
ClientSampleId :
JPP-2-040723

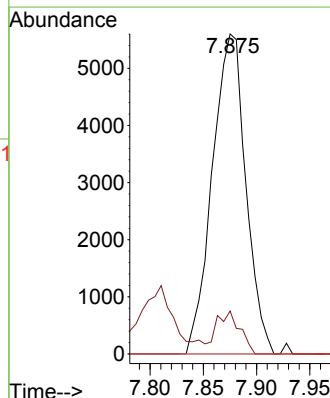
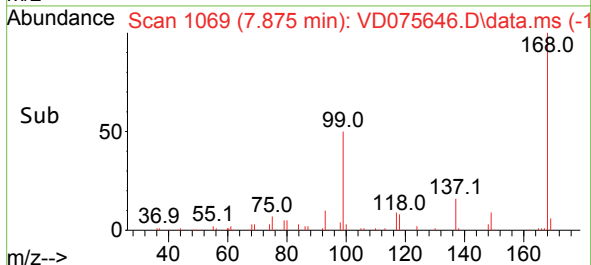
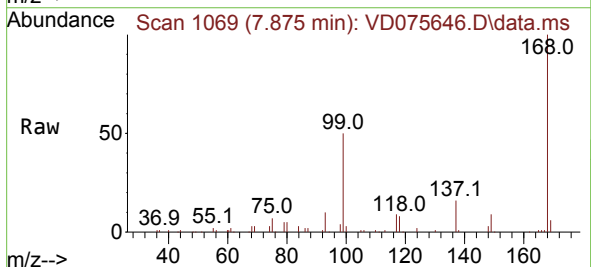


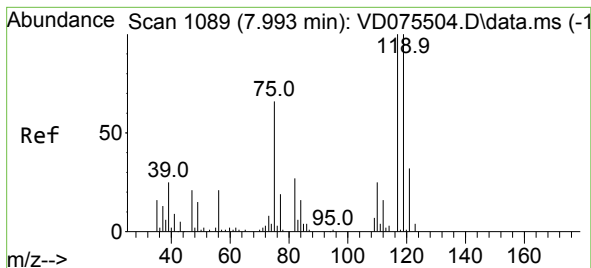
Tgt Ion:113 Resp: 122048
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Tgt Ion: 75 Resp: 12259
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.981 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075646.D

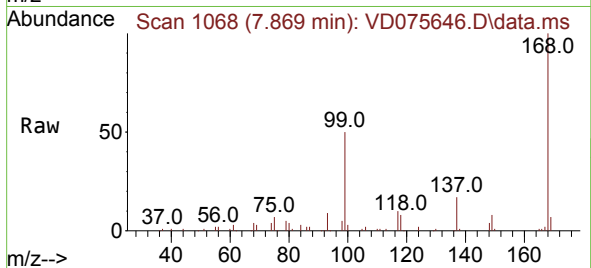
Acq: 12 Apr 2023 18:16

Instrument :

MSVOA_D

ClientSampleId :

JPP-2-040723



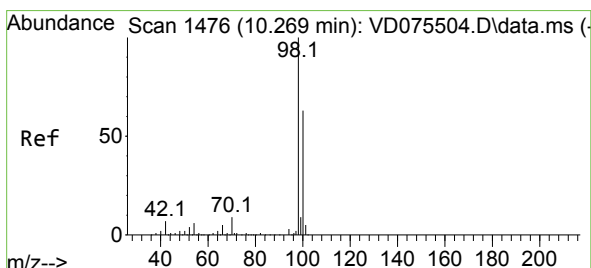
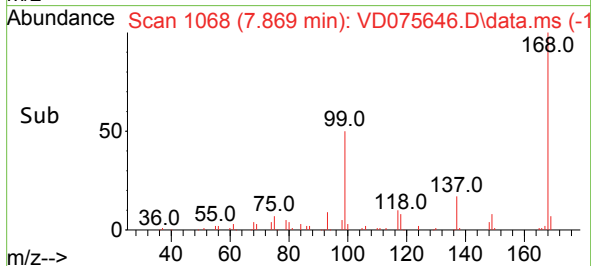
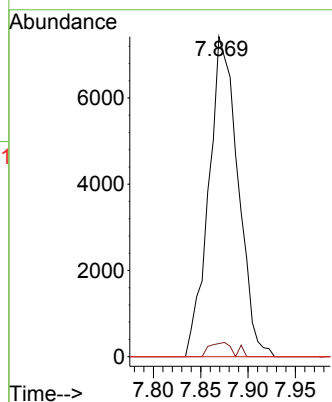
Tgt Ion:117 Resp: 15995

Ion Ratio Lower Upper

117 100

119 4.1 74.7 112.1#

121 0.0 25.9 38.9#



#50

Toluene-d8

Concen: 53.309 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075646.D

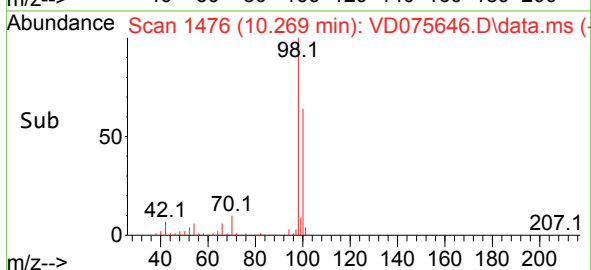
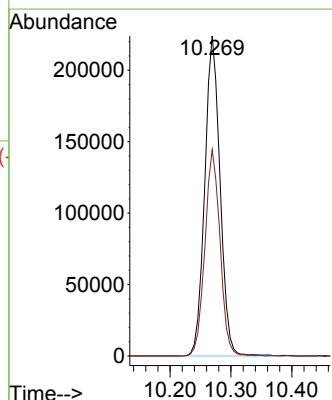
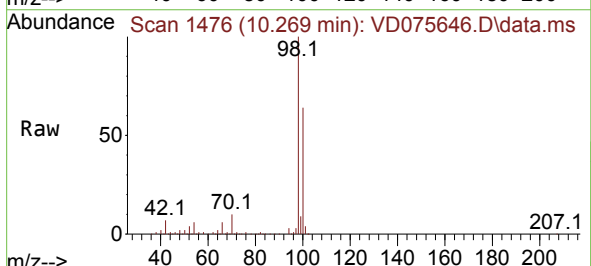
Acq: 12 Apr 2023 18:16

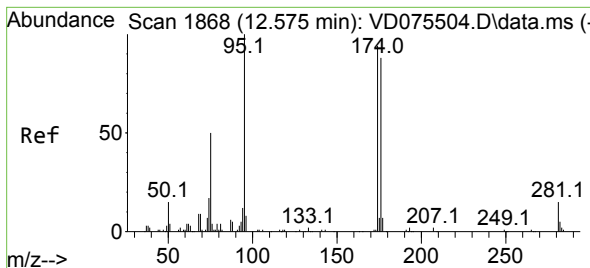
Tgt Ion: 98 Resp: 391173

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1

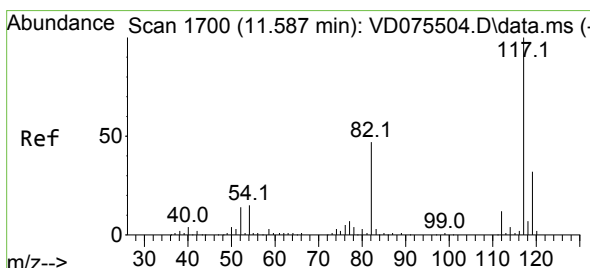
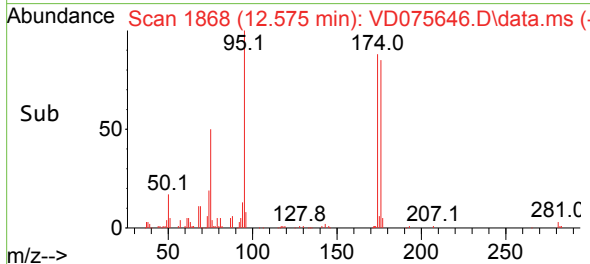
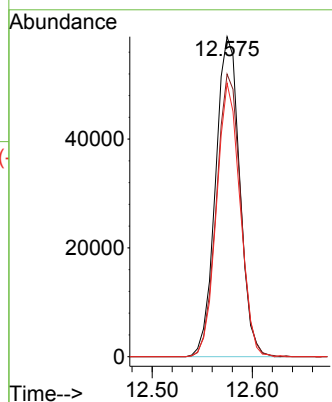
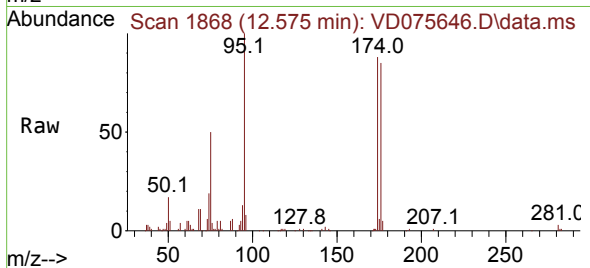




#62
4-Bromofluorobenzene
Concen: 45.597 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

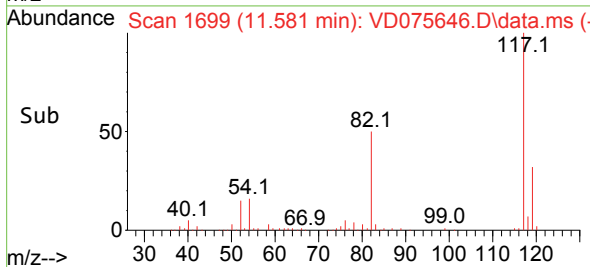
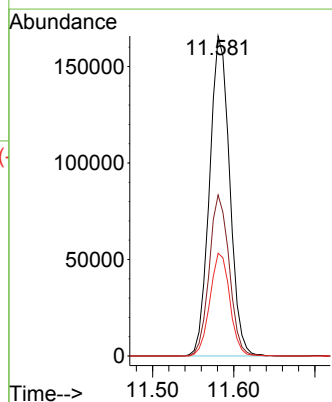
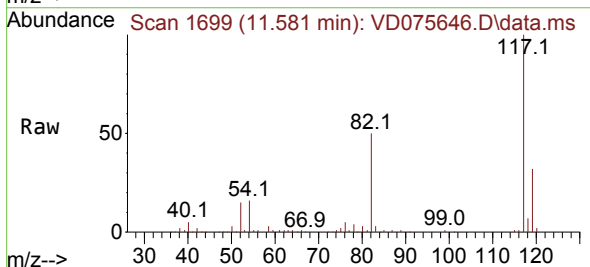
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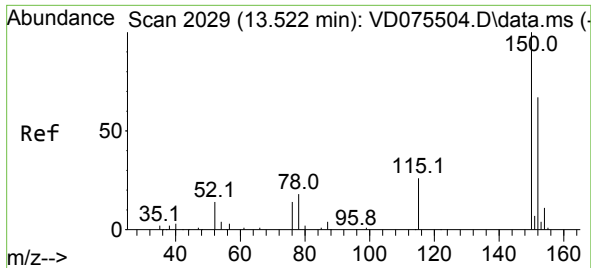
Tgt Ion: 95 Resp: 98432
Ion Ratio Lower Upper
95 100
174 88.3 0.0 164.0
176 83.4 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Tgt Ion: 117 Resp: 285434
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 32.1 25.1 37.7

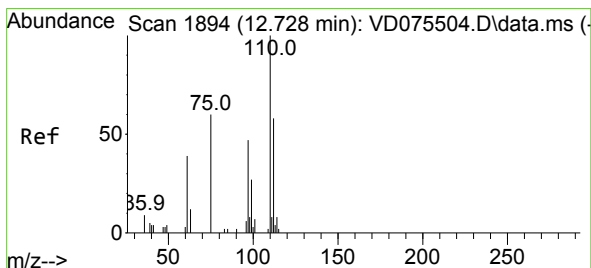
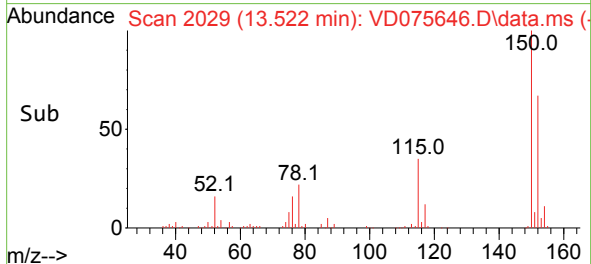
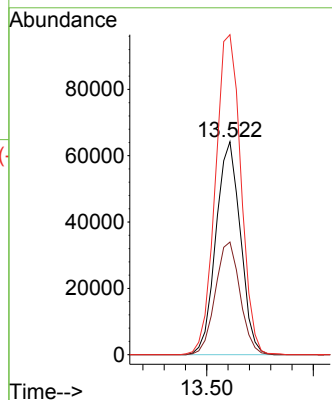
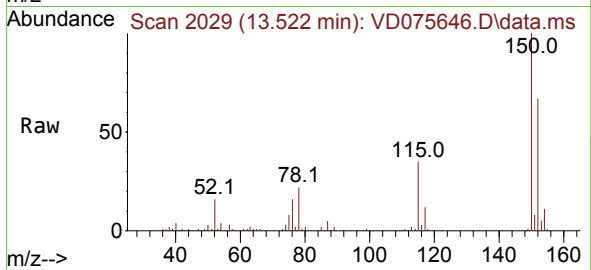




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075646.D
 Acq: 12 Apr 2023 18:16

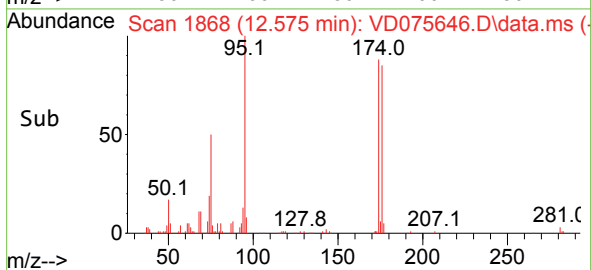
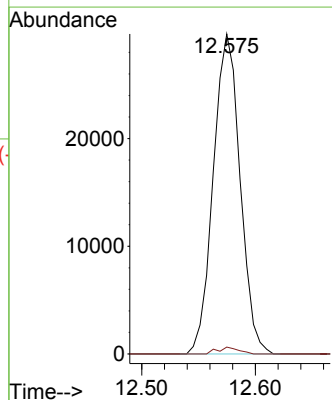
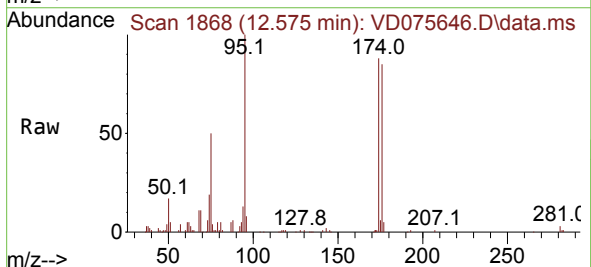
Instrument :
 MSVOA_D
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 JPP-2-040723

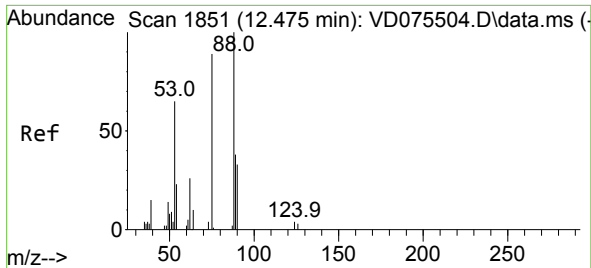
Tgt Ion:152 Resp: 102529
 Ion Ratio Lower Upper
 152 100
 115 53.3 30.1 90.3
 150 156.5 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 73.127 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075646.D
 Acq: 12 Apr 2023 18:16

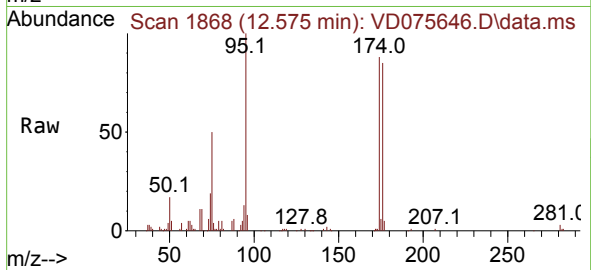
Tgt Ion: 75 Resp: 48744
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.225 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075646.D
 Acq: 12 Apr 2023 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-2-040723



Tgt Ion: 75 Resp: 48744
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 40.2 60.4#

