

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074966.D
 Acq On : 17 Nov 2022 13:40
 Operator : VA/SY
 Sample : N5664-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

Quant Time: Nov 17 22:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

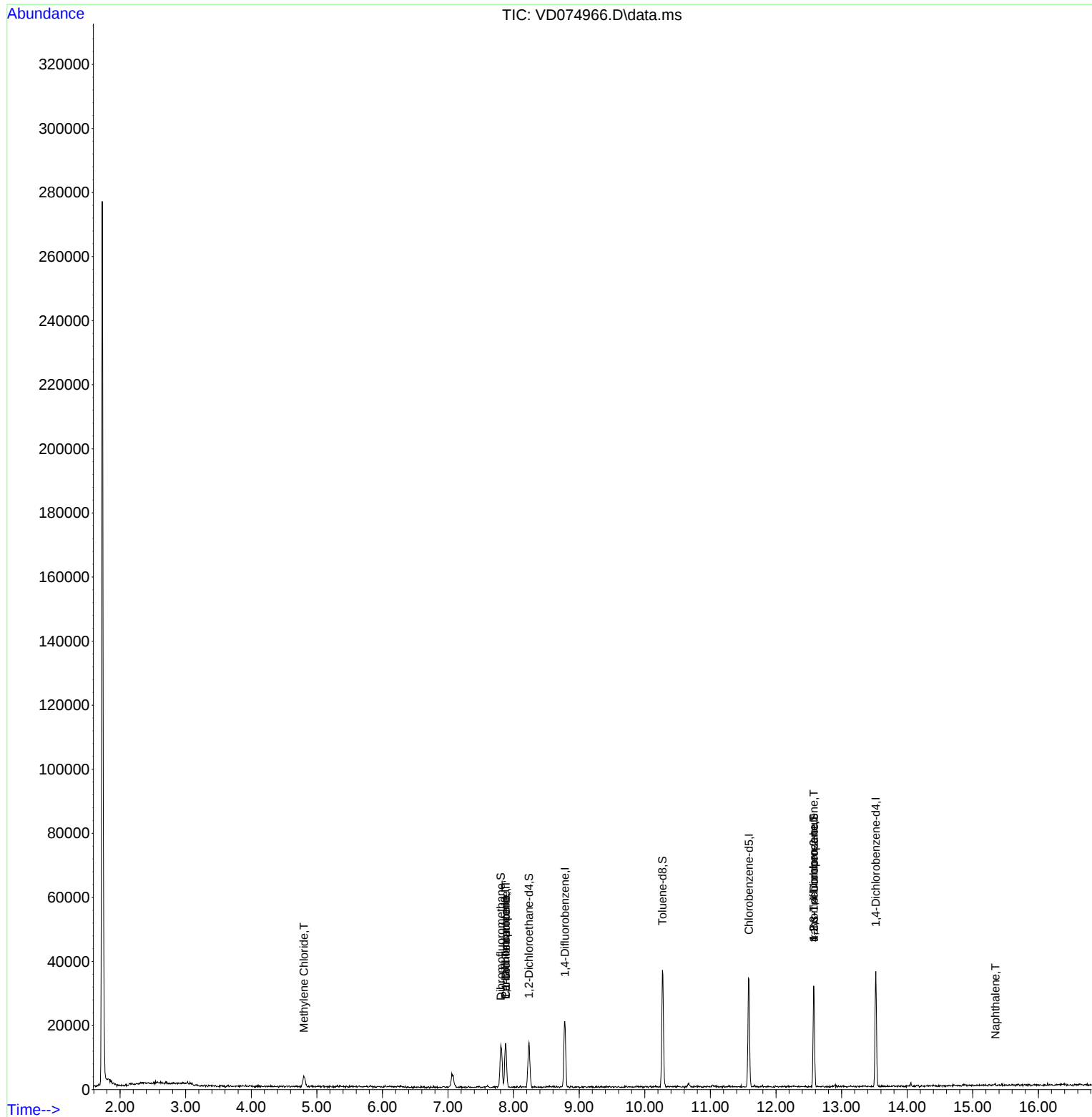
Internal Standards						
1) Pentafluorobenzene	7.875	168	12191	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	21580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	22608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	10802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10703	143.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 286.340%#	
35) Dibromofluoromethane	7.805	113	10244	77.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 154.020%#	
50) Toluene-d8	10.269	98	27461	62.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.340%	
62) 4-Bromofluorobenzene	12.575	95	9248	68.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	181	Below Cal	#	37
20) Methylene Chloride	4.805	84	2761	3.952	ug/l #	90
36) 1,1-Dichloropropene	7.881	75	807	4.128	ug/l #	39
38) Carbon Tetrachloride	7.881	117	857	4.657	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	4489	49.686	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	4489	122.228	ug/l #	17
95) Naphthalene	15.345	128	483	1.389	ug/l #	69

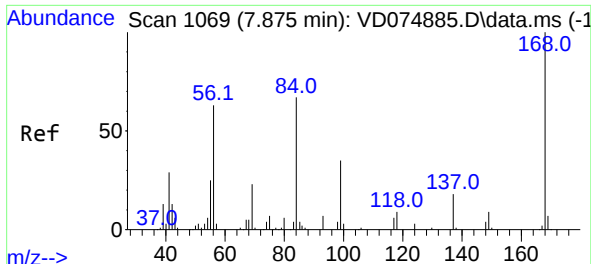
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-1

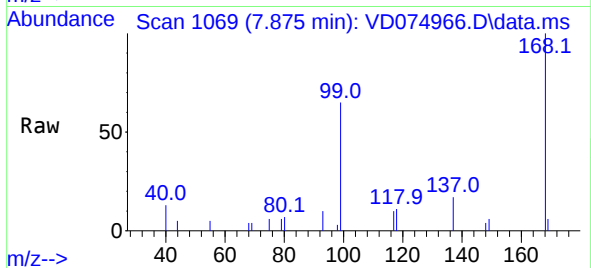
Quant Time: Nov 17 22:35:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration



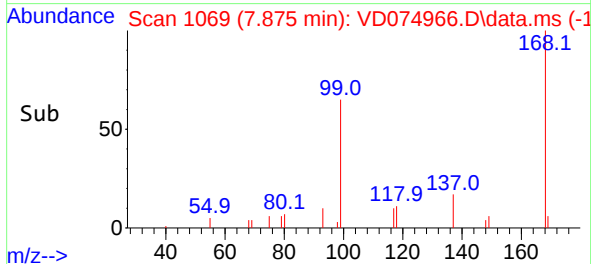
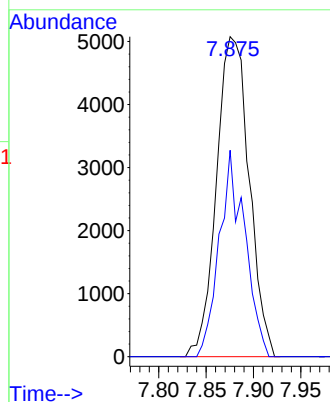


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
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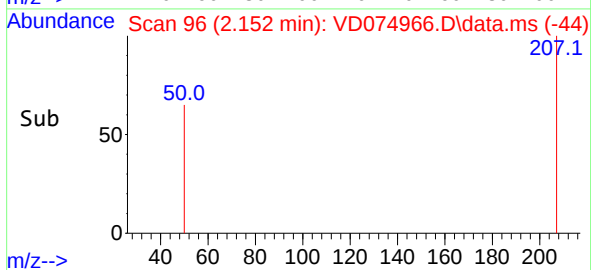
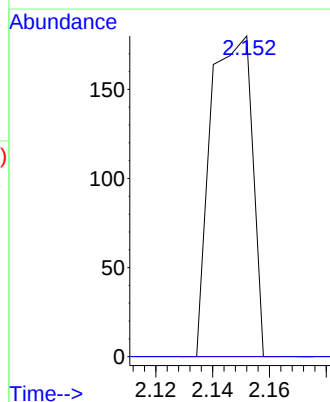
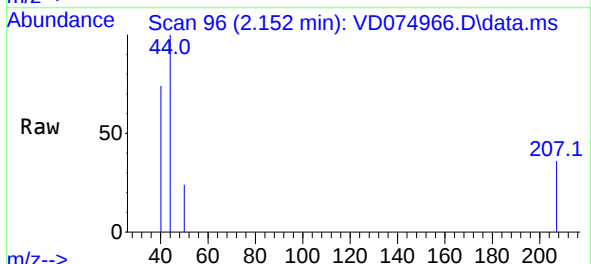


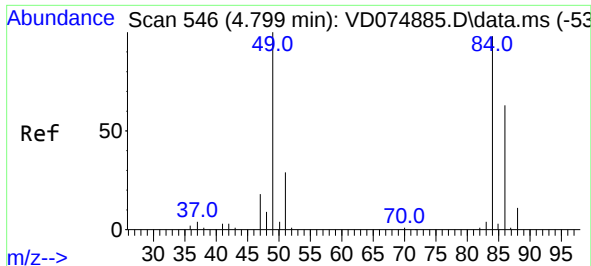
Tgt Ion:168 Resp: 12191
Ion Ratio Lower Upper
168 100
99 64.5 40.9 61.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

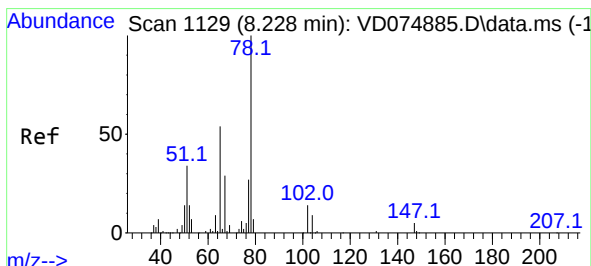
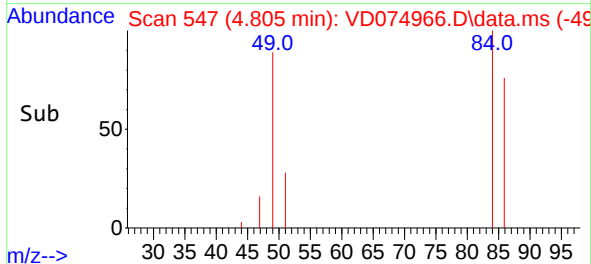
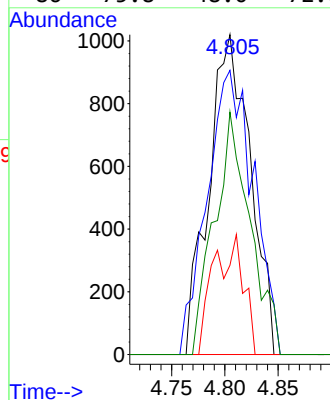
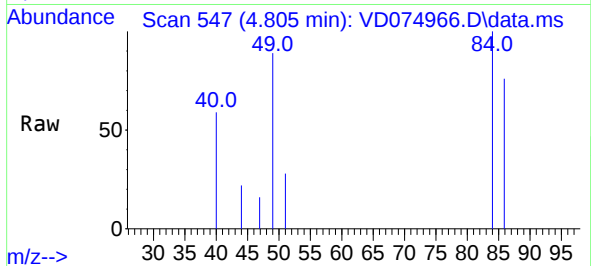




#20
Methylene Chloride
Concen: 3.952 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

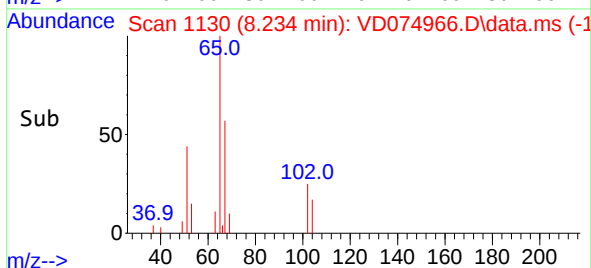
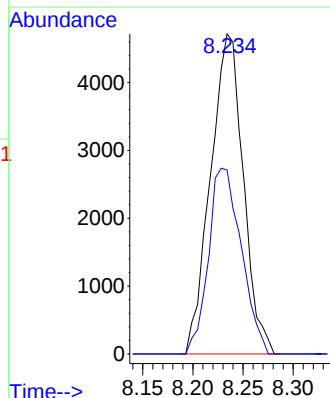
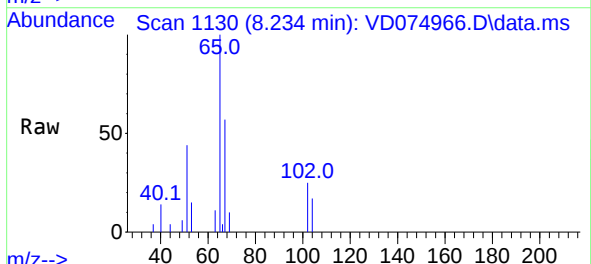
Instrument :
MSVOA_D
ClientSampleId :
B-1

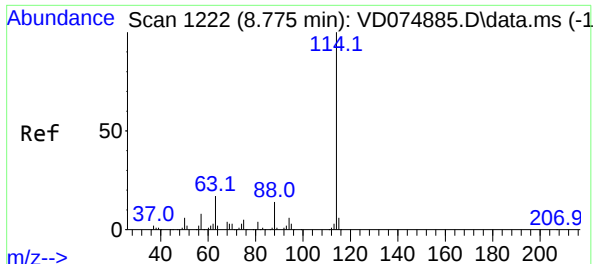
Tgt Ion:	84	Resp:	2761
Ion	Ratio	Lower	Upper
84	100		
49	88.8	68.0	102.0
51	27.9	23.2	34.8
86	75.8	48.0	72.0



#33
1,2-Dichloroethane-d4
Concen: 143.168 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Tgt Ion:	65	Resp:	10703
Ion	Ratio	Lower	Upper
65	100		
67	58.1	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074966.D

Acq: 17 Nov 2022 13:40

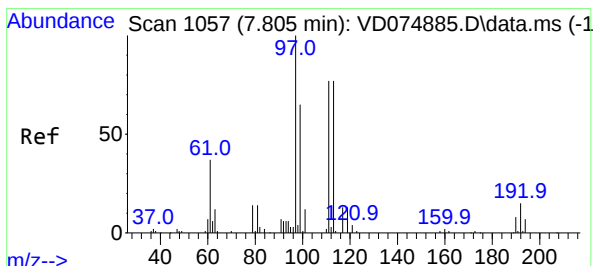
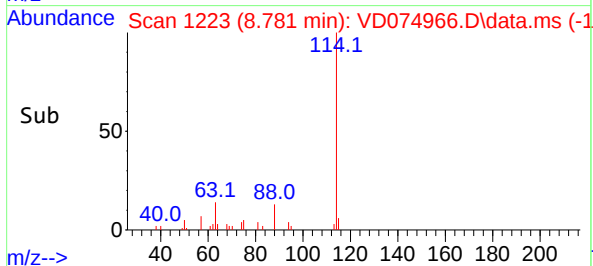
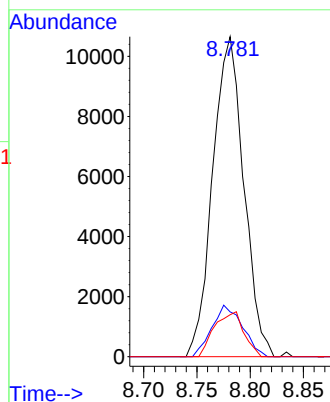
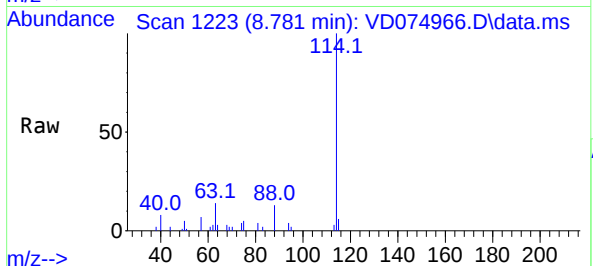
Instrument :

MSVOA_D

ClientSampleId :

B-1

Tgt Ion:	114	Resp:	21580
Ion	Ratio	Lower	Upper
114	100		
63	14.0	0.0	33.2
88	13.1	0.0	28.2



#35

Dibromofluoromethane

Concen: 77.008 ug/l

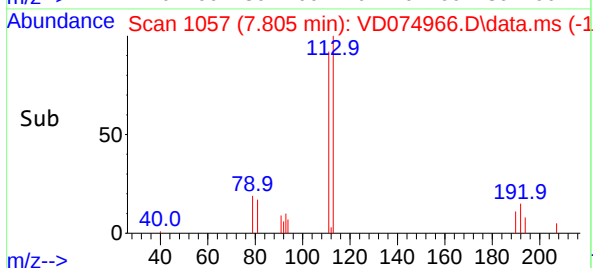
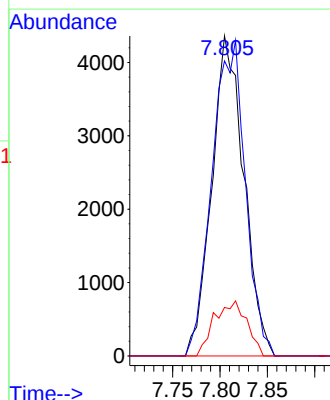
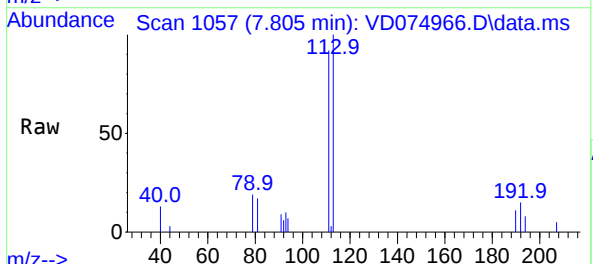
RT: 7.805 min Scan# 1057

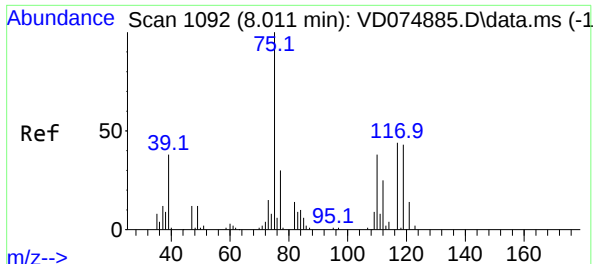
Delta R.T. -0.000 min

Lab File: VD074966.D

Acq: 17 Nov 2022 13:40

Tgt Ion:	113	Resp:	10244
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	17.4	16.4	24.6



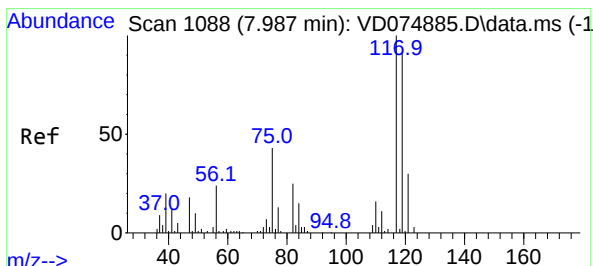
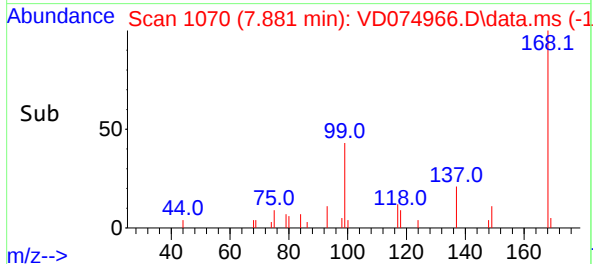
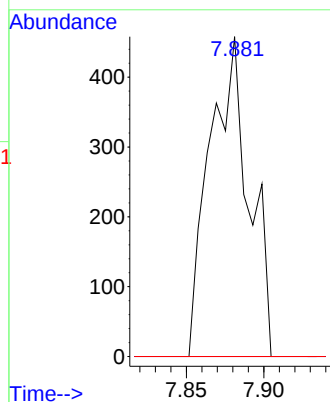
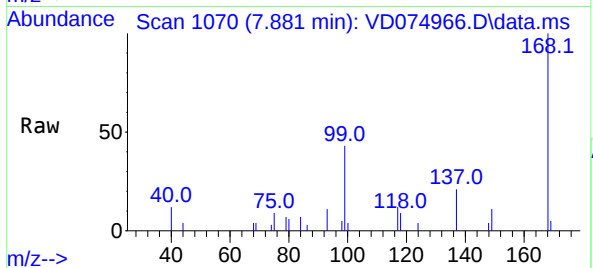


#36
1,1-Dichloropropene
Concen: 4.128 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 75 Resp: 807

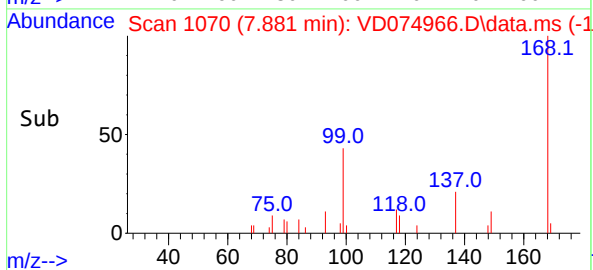
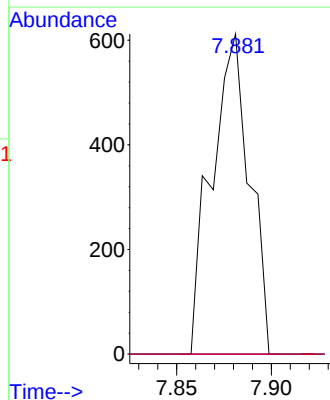
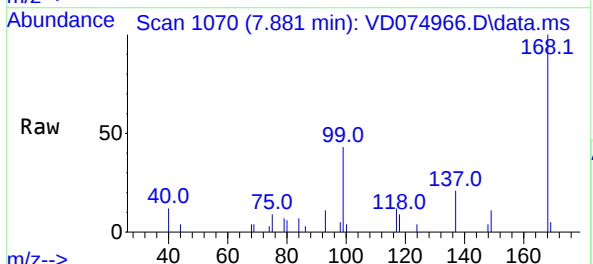
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#

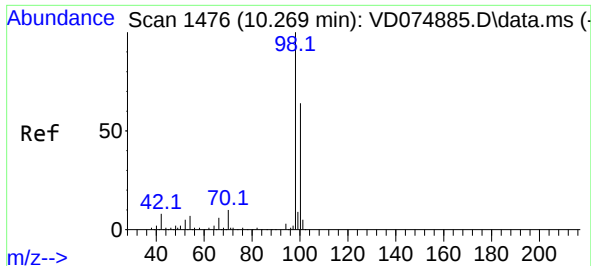


#38
Carbon Tetrachloride
Concen: 4.657 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.106 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Tgt Ion: 117 Resp: 857

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.1	109.7#
121	0.0	25.0	37.6#

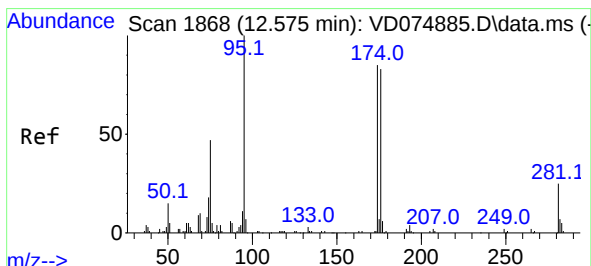
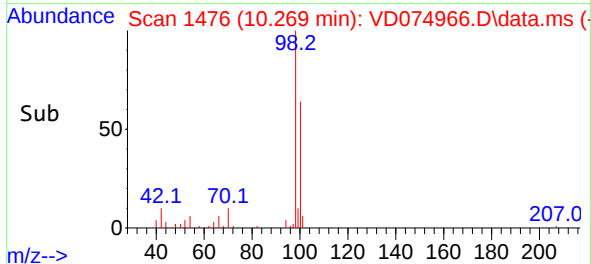
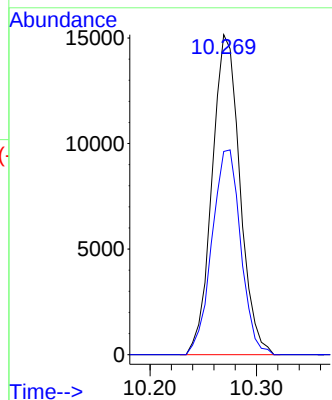
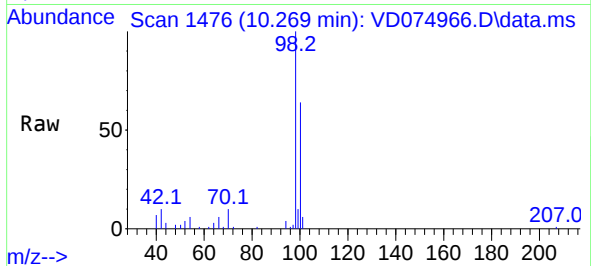




#50
Toluene-d8
Concen: 62.669 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

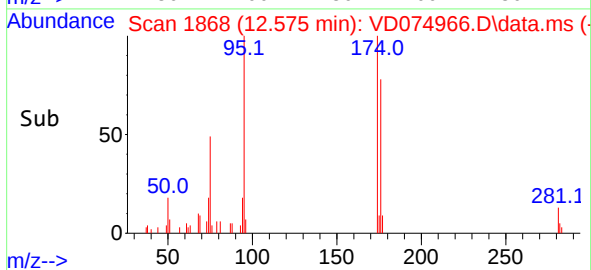
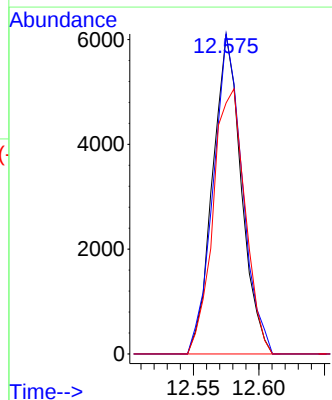
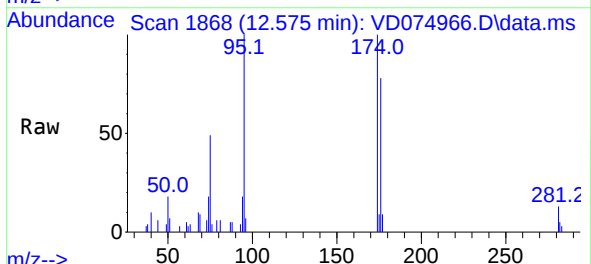
Instrument :
MSVOA_D
ClientSampleId :
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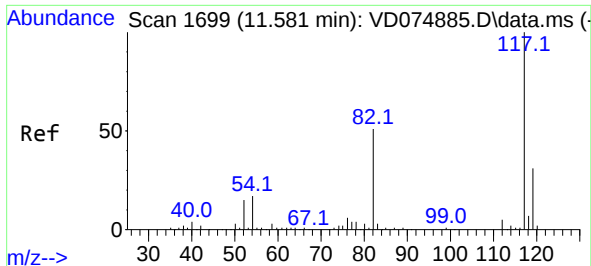
Tgt Ion: 98 Resp: 27461
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 68.731 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Tgt Ion: 95 Resp: 9248
Ion Ratio Lower Upper
95 100
174 101.2 0.0 197.0
176 92.5 0.0 182.6

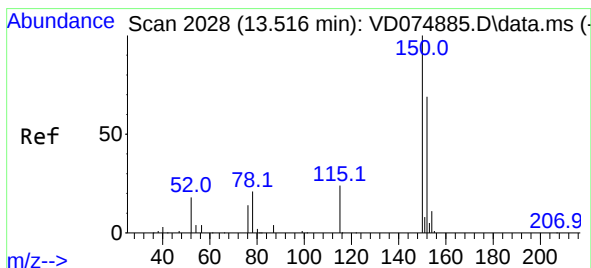
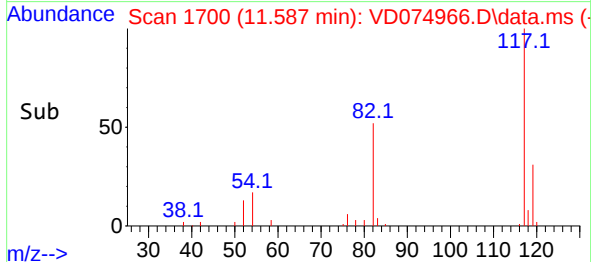
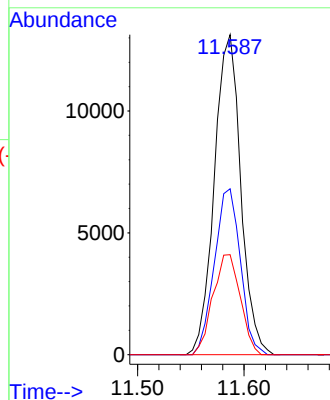
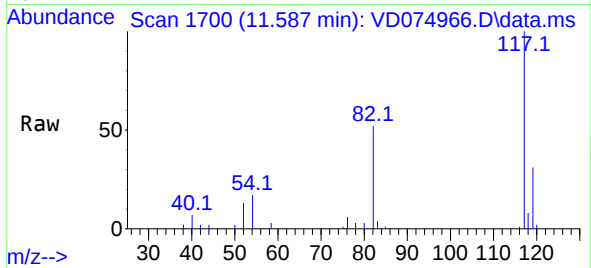




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

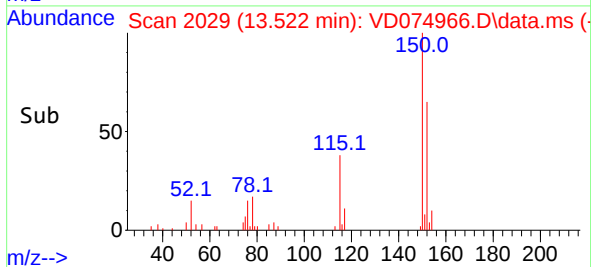
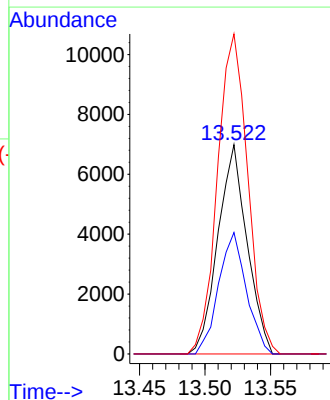
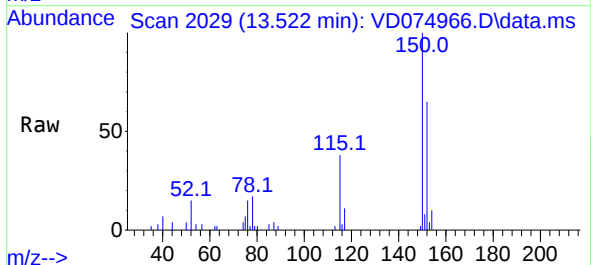
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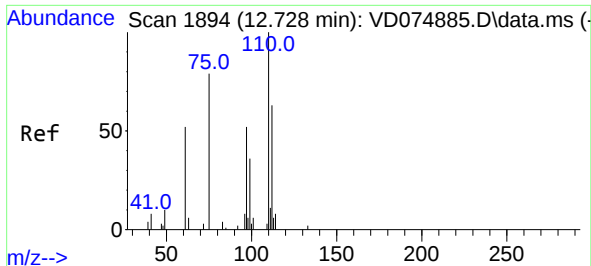
Tgt Ion:117	Resp:	22608
Ion	Ratio	Lower Upper
117	100	
82	51.8	41.6 62.4
119	31.3	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Tgt Ion:152	Resp:	10802
Ion	Ratio	Lower Upper
152	100	
115	55.2	26.8 80.4
150	158.3	0.0 348.2

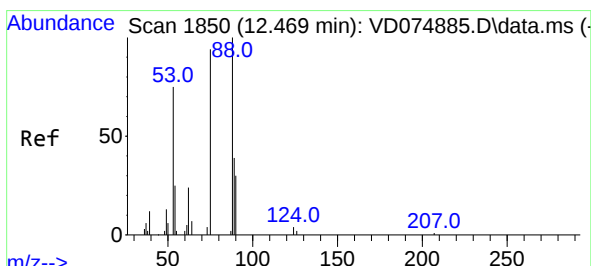
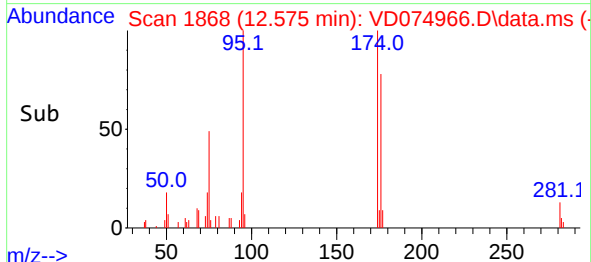
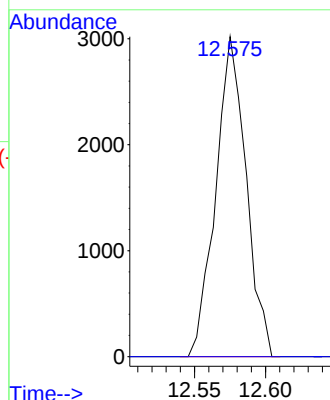
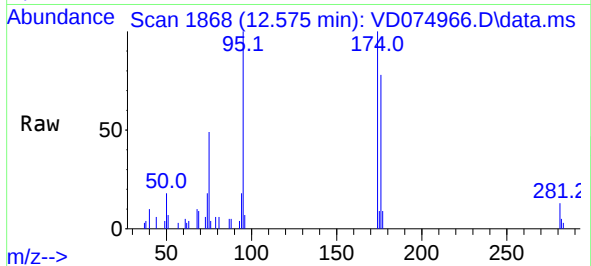




#76
1,2,3-Trichloropropane
Concen: 49.686 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

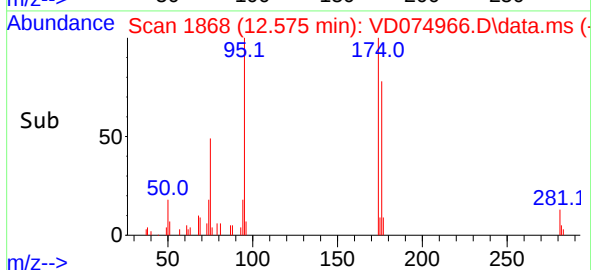
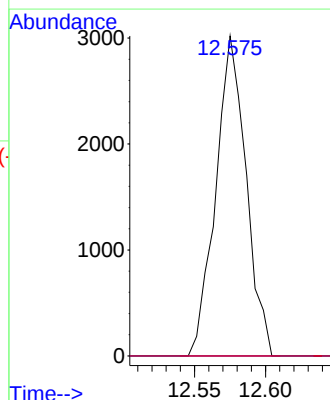
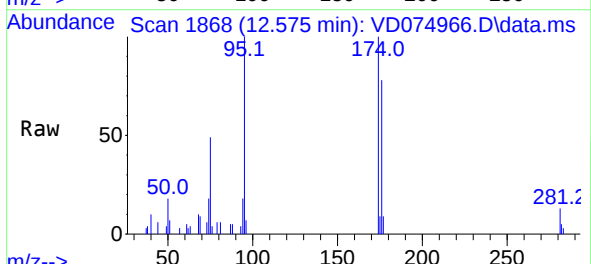
Instrument :
MSVOA_D
ClientSampleId :
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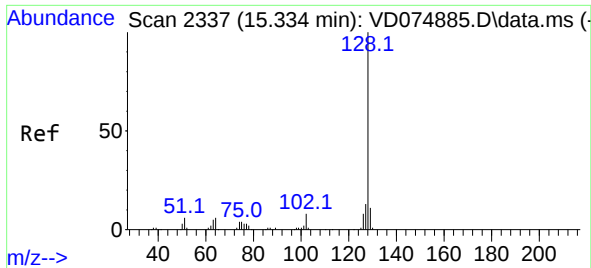
Tgt Ion: 75 Resp: 4489
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.228 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

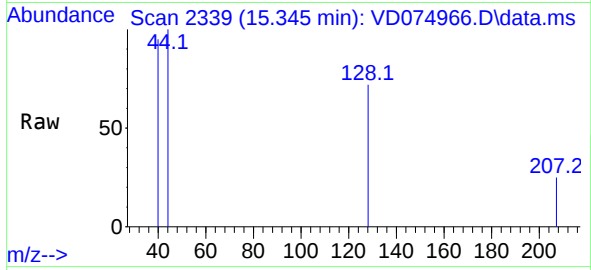
Tgt Ion: 75 Resp: 4489
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 1.389 ug/l
RT: 15.345 min Scan# 21
Delta R.T. 0.011 min
Lab File: VD074966.D
Acq: 17 Nov 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	128	Resp:	483
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.3	12.5#

