

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075029.D
 Acq On : 15 Dec 2022 15:31
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 16 05:33:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:30:45 2022
 Response via : Initial Calibration

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

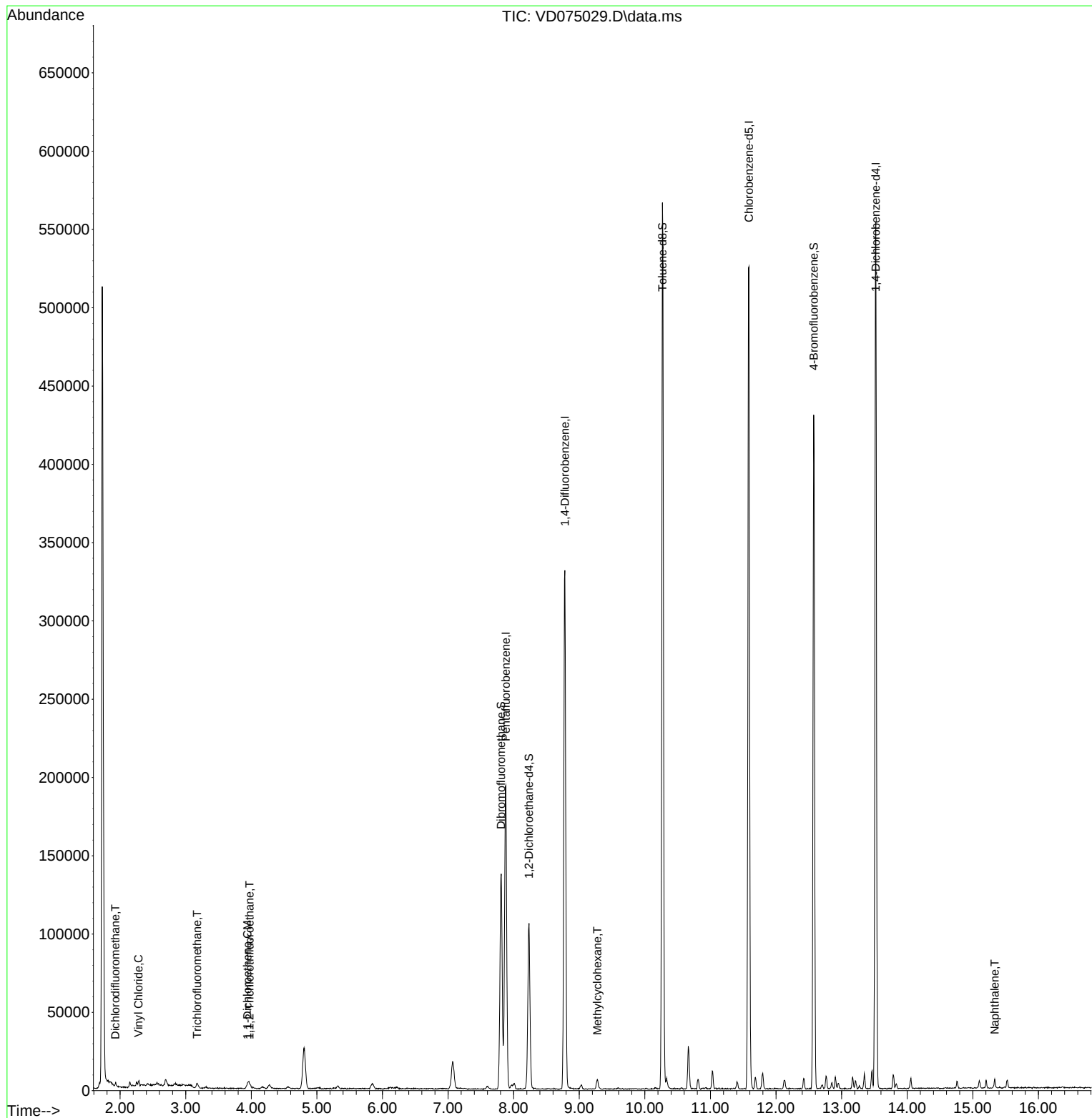
Internal Standards						
1) Pentafluorobenzene	7.881	168	153942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	318078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	337859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	156714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80507	61.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.500%	
35) Dibromofluoromethane	7.810	113	102736	49.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.600%	
50) Toluene-d8	10.269	98	406823	54.507	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	12.575	95	135753	61.567	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	1590	1.588	ug/l	86
4) Vinyl Chloride	2.281	62	2214	1.107	ug/l	93
7) Trichlorofluoromethane	3.175	101	3414	1.366	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.975	101	2580	1.575	ug/l	98
12) 1,1-Dichloroethene	3.940	96	1954	1.278	ug/l #	83
39) Methylcyclohexane	9.275	83	3074	1.156	ug/l #	81
95) Naphthalene	15.334	128	5508	1.149	ug/l #	90

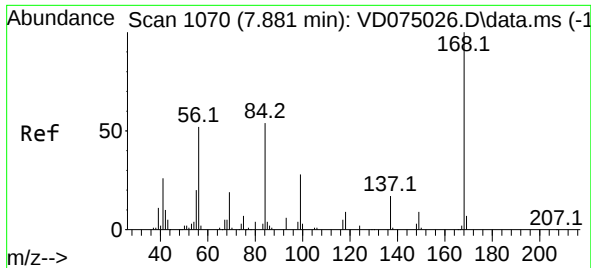
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

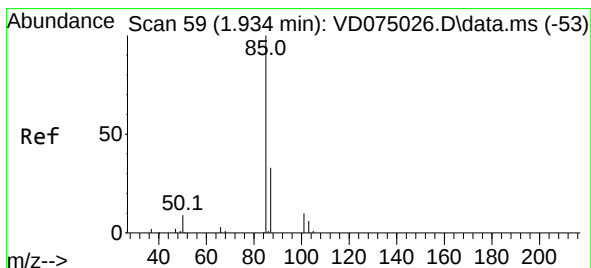
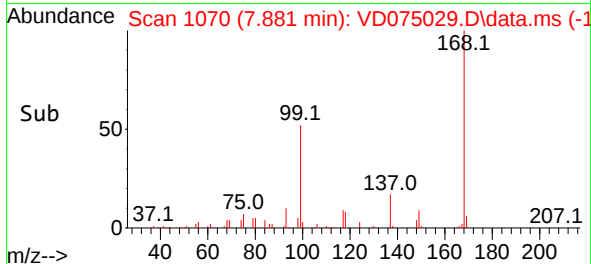
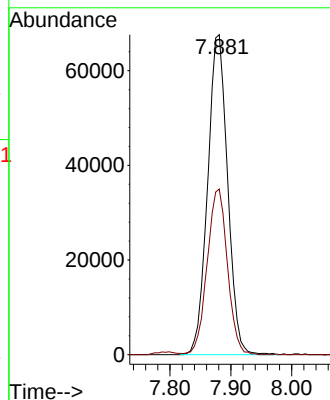
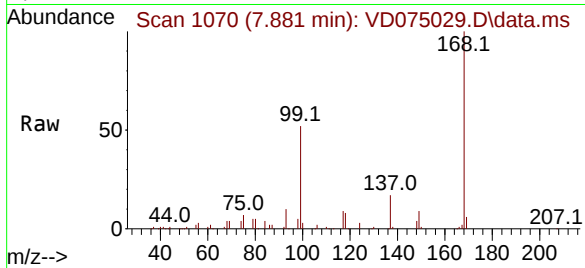




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

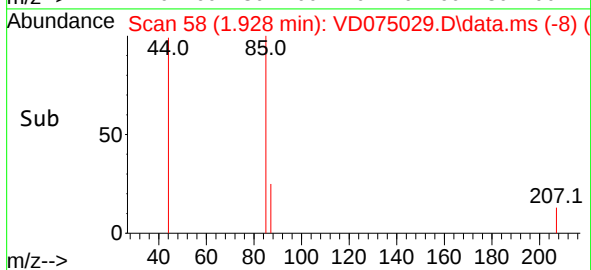
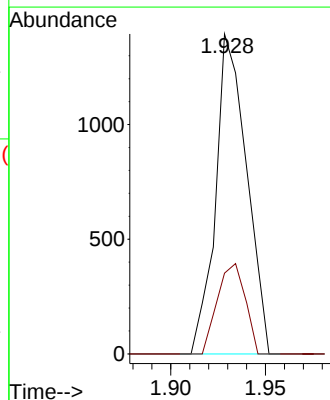
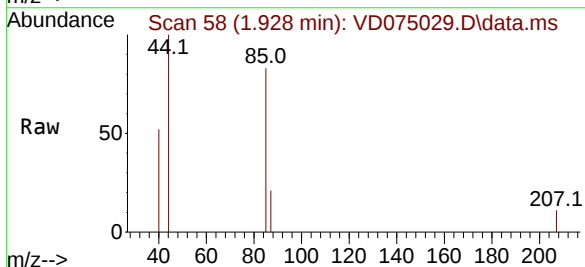
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

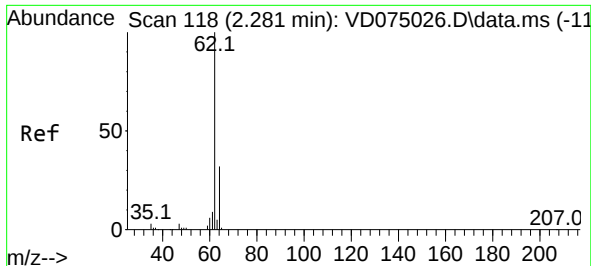
Tgt Ion:168 Resp: 153942
Ion Ratio Lower Upper
168 100
99 51.8 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 1.588 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

Tgt Ion: 85 Resp: 1590
Ion Ratio Lower Upper
85 100
87 25.2 16.5 49.5

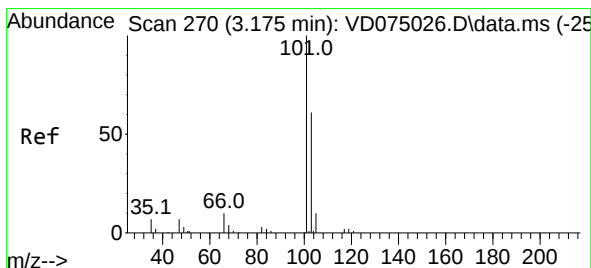
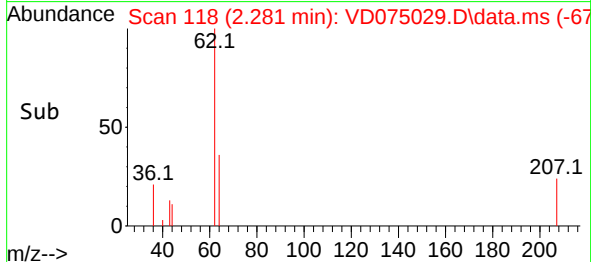
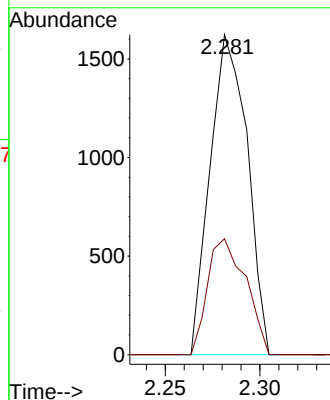
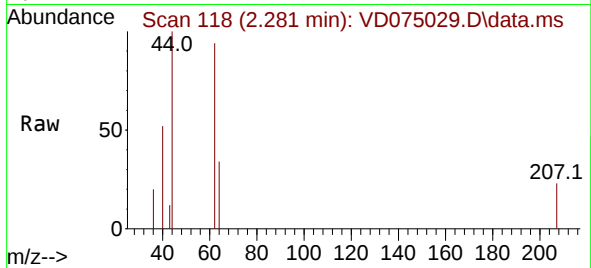




#4
 Vinyl Chloride
 Concen: 1.107 ug/l
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075029.D
 Acq: 15 Dec 2022 15:31

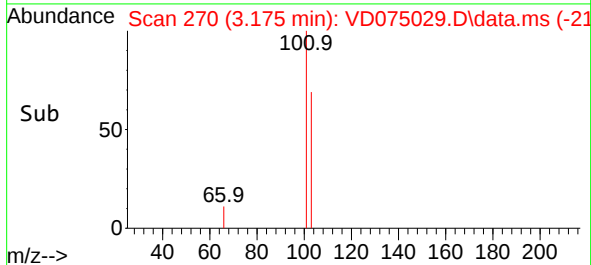
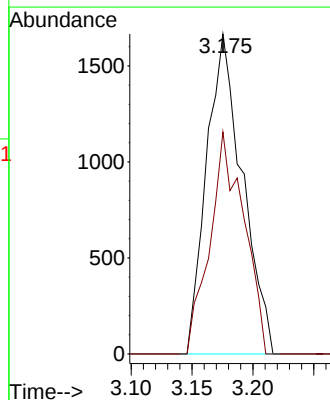
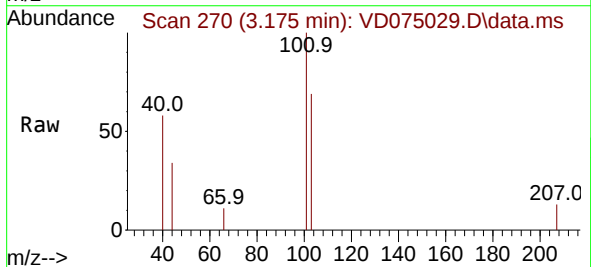
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

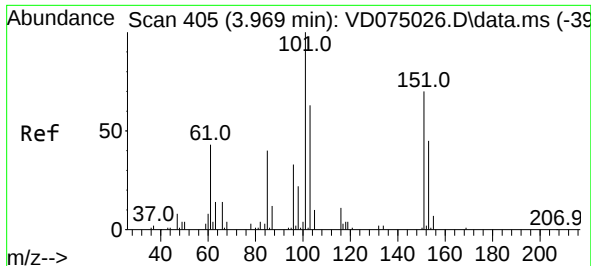
Tgt Ion: 62 Resp: 2214
 Ion Ratio Lower Upper
 62 100
 64 36.2 25.8 38.6



#7
 Trichlorofluoromethane
 Concen: 1.366 ug/l
 RT: 3.175 min Scan# 270
 Delta R.T. -0.000 min
 Lab File: VD075029.D
 Acq: 15 Dec 2022 15:31

Tgt Ion: 101 Resp: 3414
 Ion Ratio Lower Upper
 101 100
 103 69.3 49.1 73.7

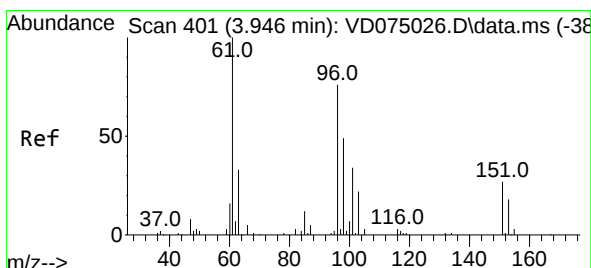
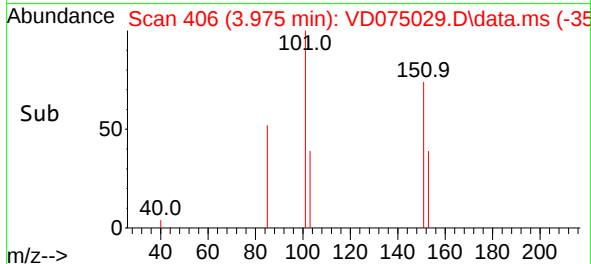
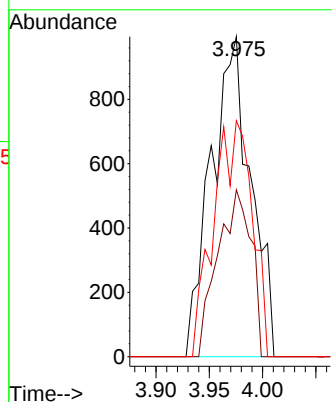
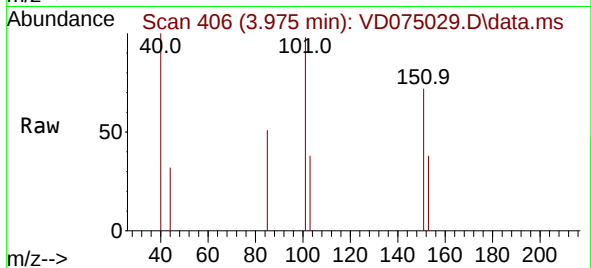




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.575 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

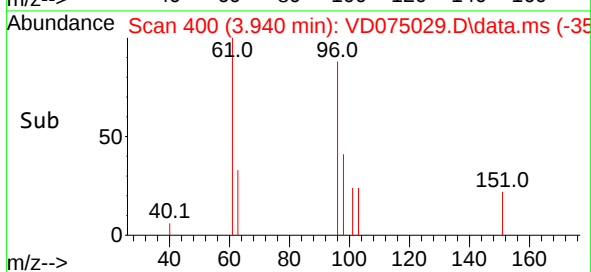
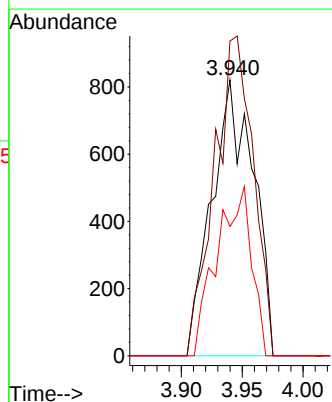
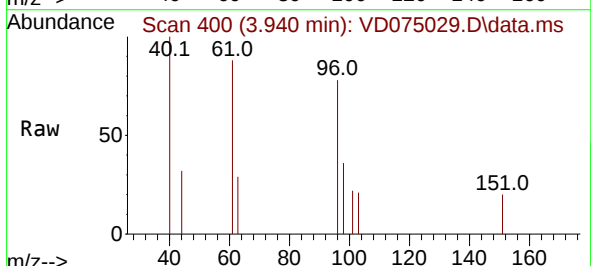
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

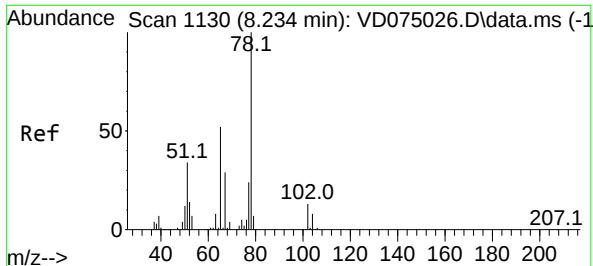
Tgt Ion:101 Resp: 2580
Ion Ratio Lower Upper
101 100
85 44.0 33.4 50.0
151 72.1 58.9 88.3



#12
1,1-Dichloroethene
Concen: 1.278 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

Tgt Ion: 96 Resp: 1954
Ion Ratio Lower Upper
96 100
61 114.1 104.9 157.3
98 46.9 51.8 77.8#





#33

1,2-Dichloroethane-d4

Concen: 61.248 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075029.D

Acq: 15 Dec 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

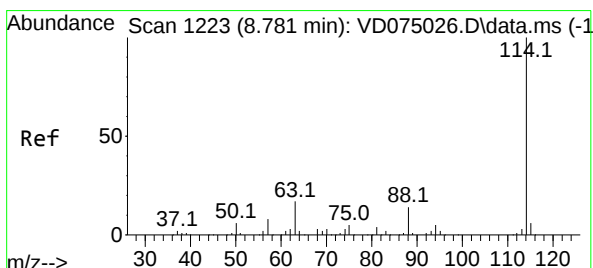
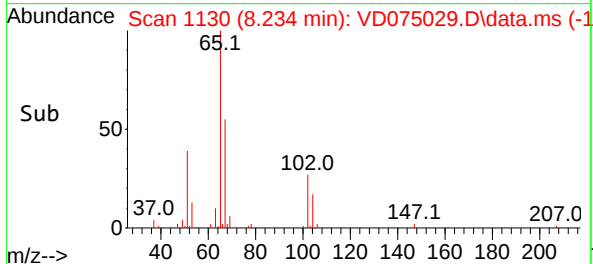
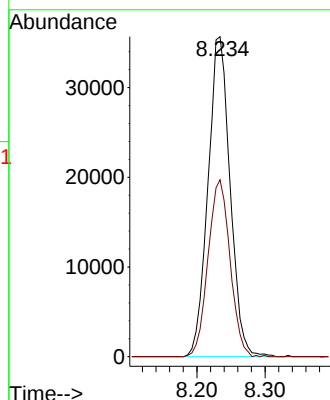
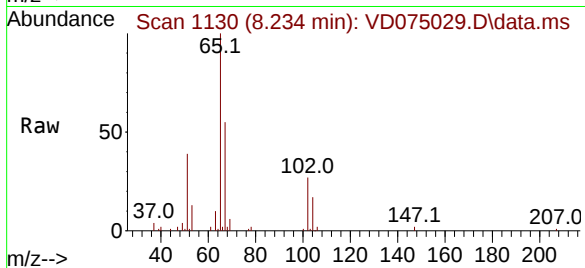
VIBLK

Tgt Ion: 65 Resp: 80507

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075029.D

Acq: 15 Dec 2022 15:31

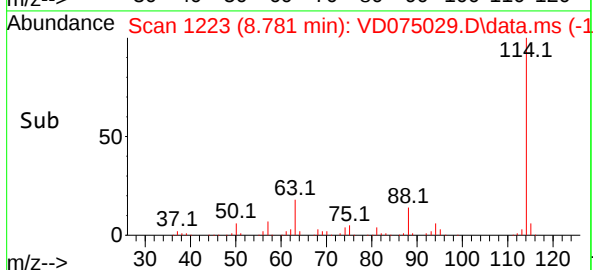
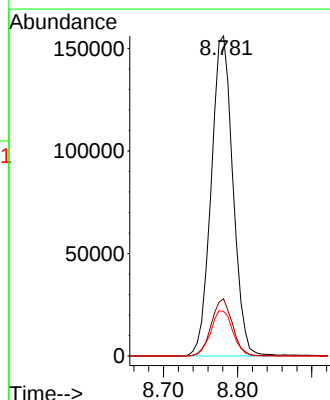
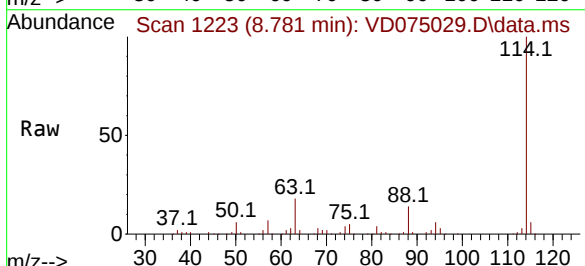
Tgt Ion: 114 Resp: 318078

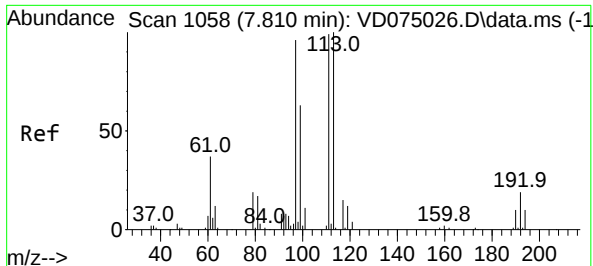
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 14.0 0.0 27.8





#35

Dibromofluoromethane

Concen: 49.795 ug/l

RT: 7.810 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD075029.D

Acq: 15 Dec 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

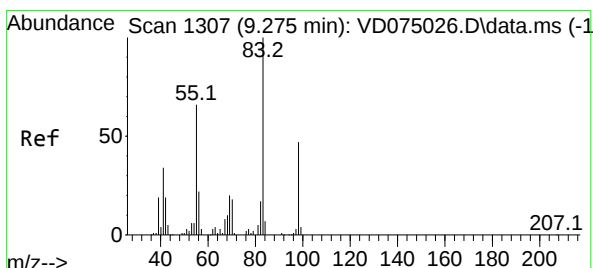
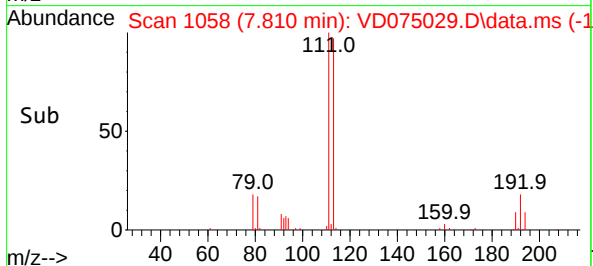
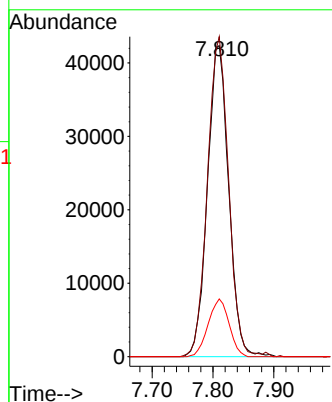
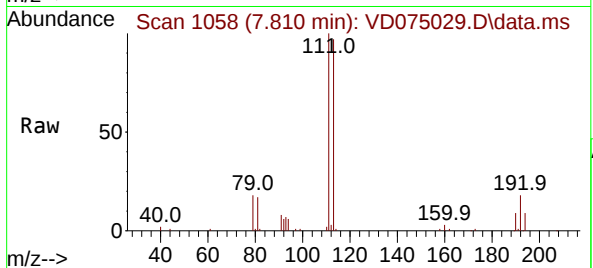
Tgt Ion:113 Resp: 102736

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 18.3 15.1 22.7



#39

Methylcyclohexane

Concen: 1.156 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD075029.D

Acq: 15 Dec 2022 15:31

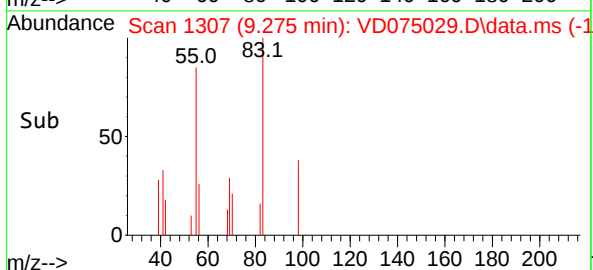
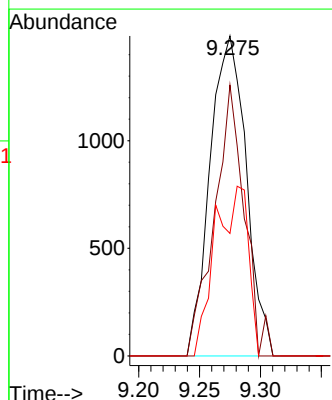
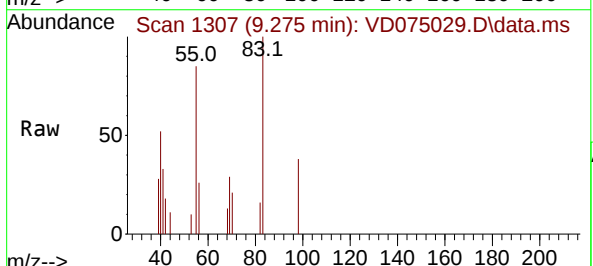
Tgt Ion: 83 Resp: 3074

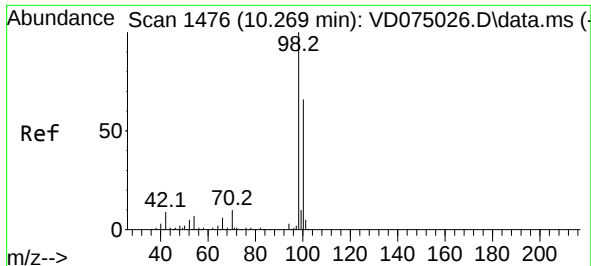
Ion Ratio Lower Upper

83 100

55 84.7 53.1 79.7#

98 38.3 37.5 56.3

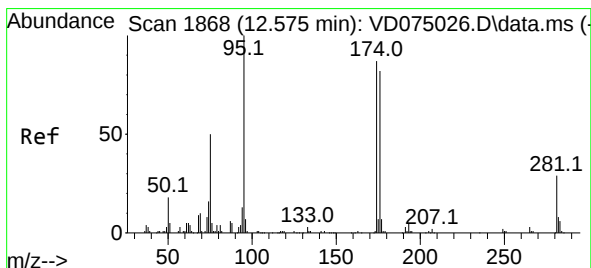
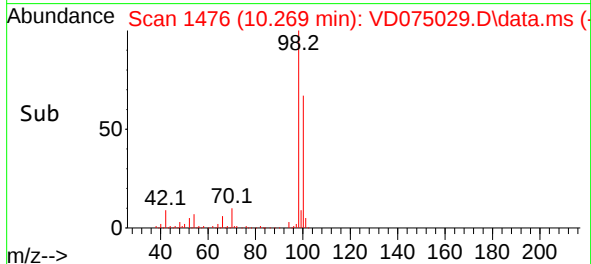
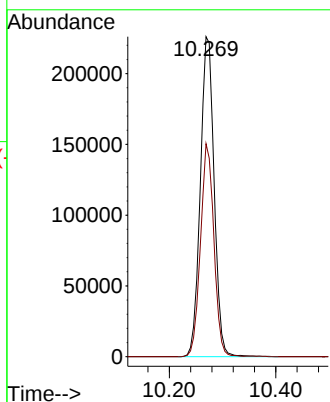
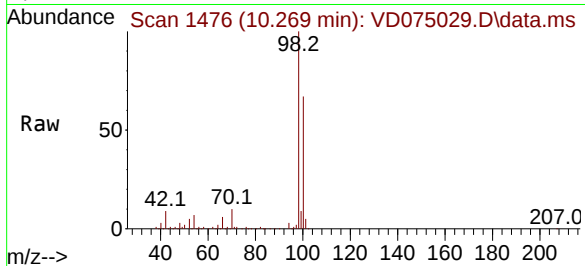




#50
Toluene-d8
Concen: 54.507 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

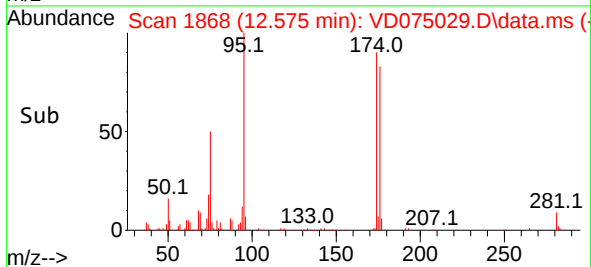
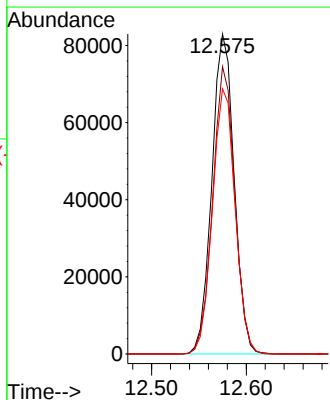
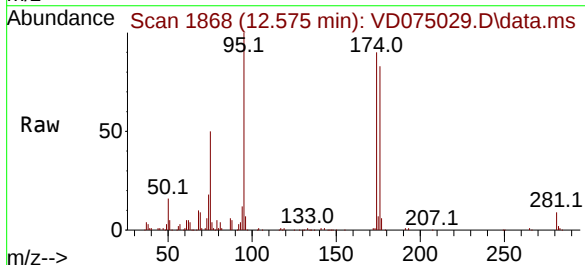
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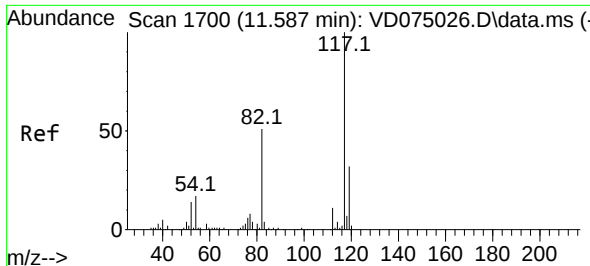
Tgt Ion: 98 Resp: 406823
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 61.567 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

Tgt Ion: 95 Resp: 135753
Ion Ratio Lower Upper
95 100
174 89.0 0.0 171.2
176 84.2 0.0 165.0

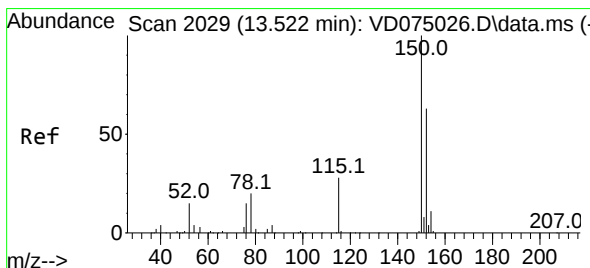
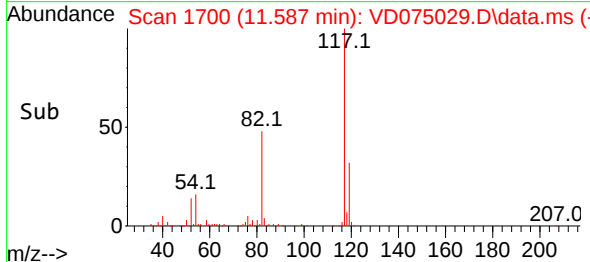
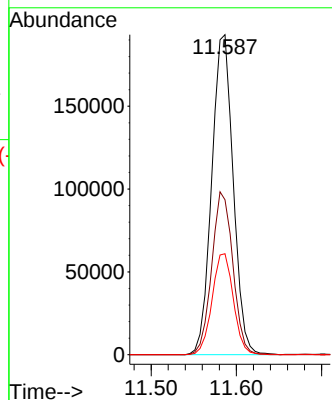
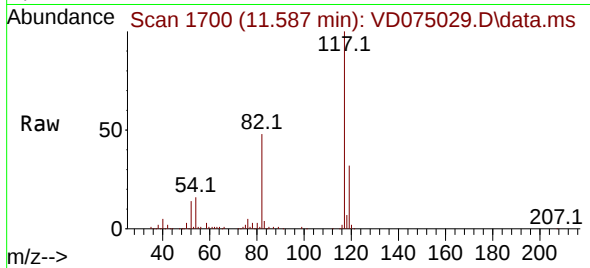




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

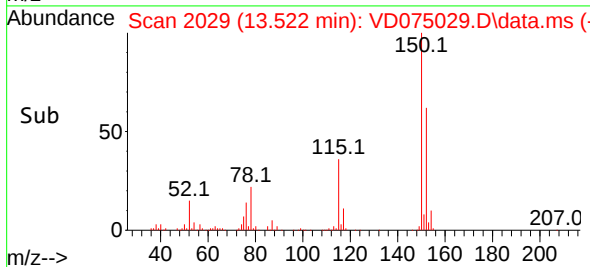
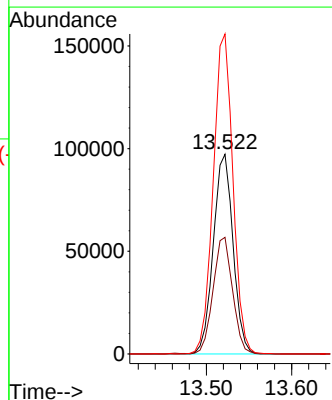
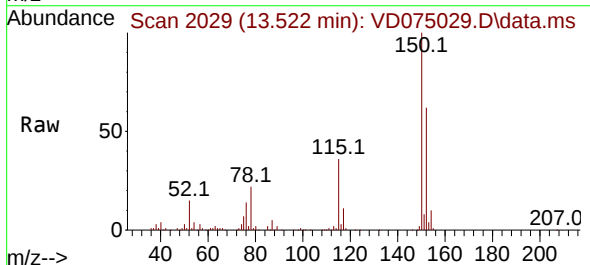
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

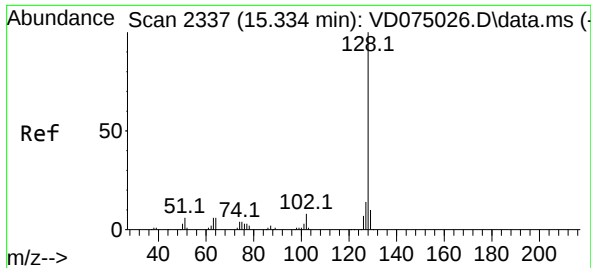
Tgt Ion:117 Resp: 337859
Ion Ratio Lower Upper
117 100
82 48.4 40.9 61.3
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

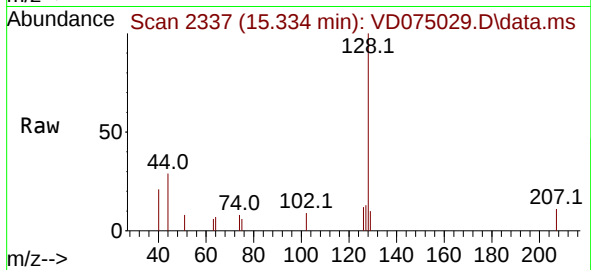
Tgt Ion:152 Resp: 156714
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 159.4 0.0 354.2





#95
Naphthalene
Concen: 1.149 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075029.D
Acq: 15 Dec 2022 15:31

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 5508
Ion Ratio Lower Upper
128 100
127 8.3 10.6 16.0#
129 8.4 8.7 13.1#

