

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071841.D
 Acq On : 31 Jan 2022 13:20
 Operator : VA/SY
 Sample : N1325-04
 Misc : 2.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-2

Quant Time: Jan 31 15:40:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

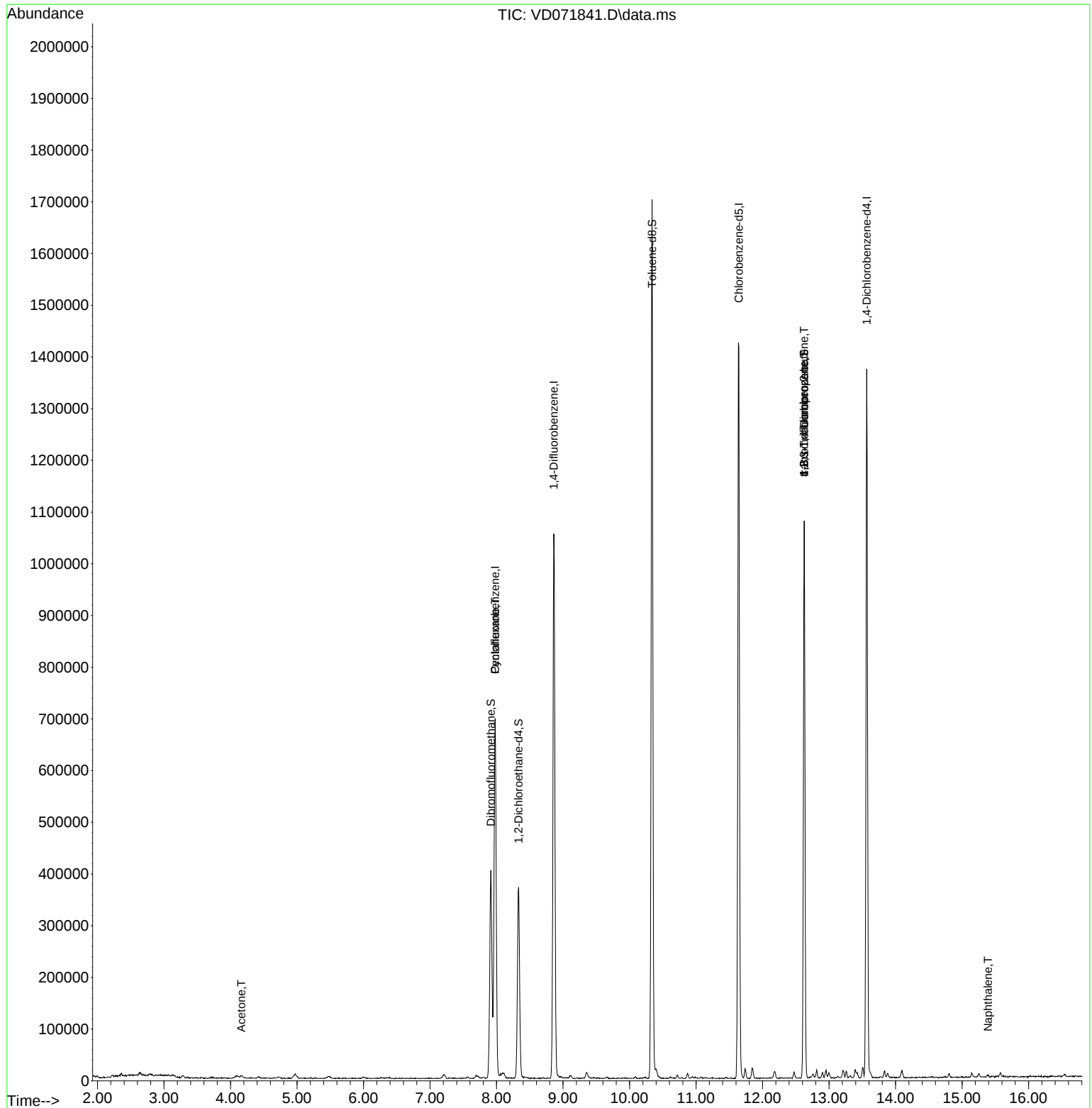
Internal Standards						
1) Pentafluorobenzene	7.979	168	482045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	861695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	779896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	332819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	301570	49.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.914	113	275019	48.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.100%
50) Toluene-d8	10.338	98	1073638	50.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.626	95	340184	46.051	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.197	59	623	Below Cal	#	74
16) Acetone	4.162	43	9907	5.940	ug/l #	81
20) Methylene Chloride	4.979	84	5102	Below Cal		90
31) Cyclohexane	7.979	56	17100	1.470	ug/l #	41
76) 1,2,3-Trichloropropane	12.626	75	189518	54.032	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	189518	132.853	ug/l #	7
95) Naphthalene	15.390	128	3404	1.740	ug/l #	94

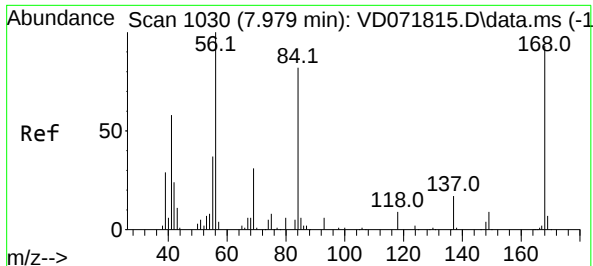
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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TES-2

Quant Time: Jan 31 15:40:41 2022
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

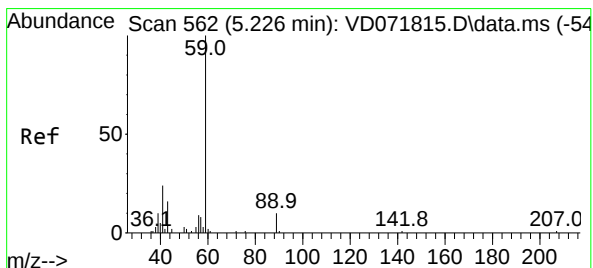
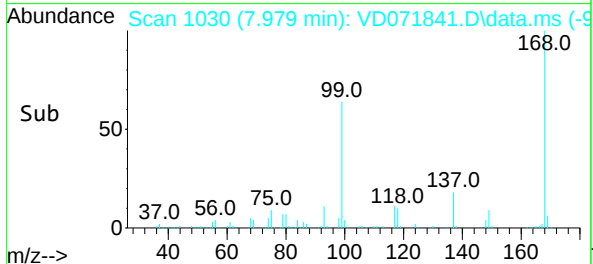
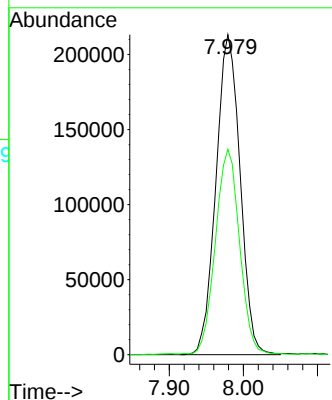
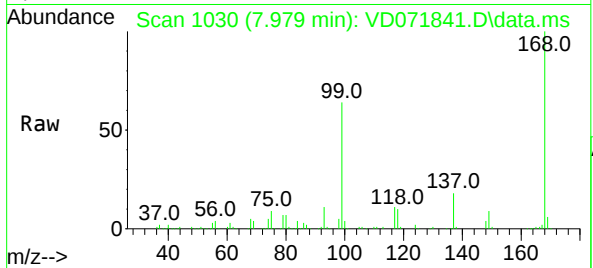




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

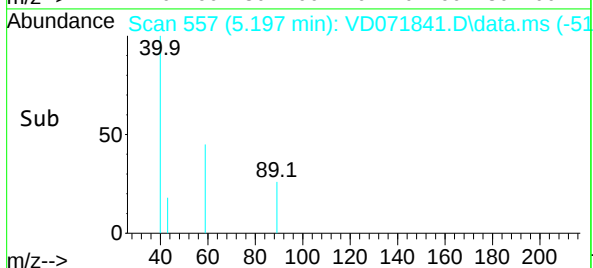
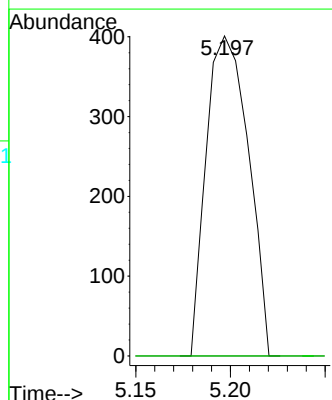
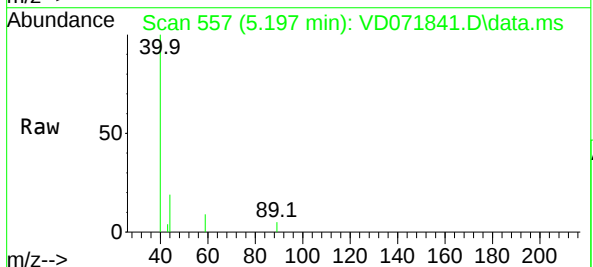
Instrument :
MSVOA_D
ClientSampleId :
TES-2

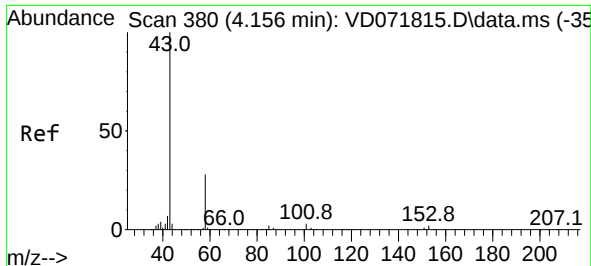
Tgt Ion:168 Resp: 482045
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.024 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

Tgt Ion: 59 Resp: 623
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

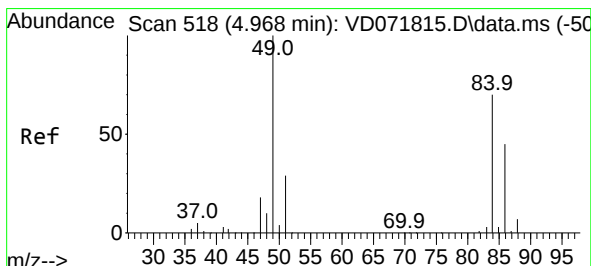
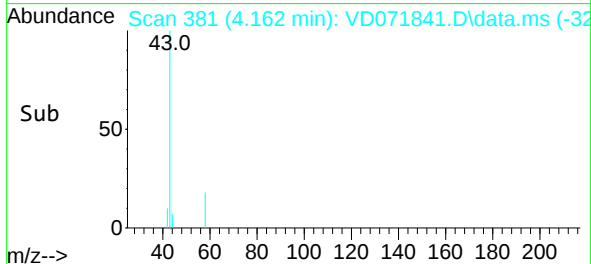
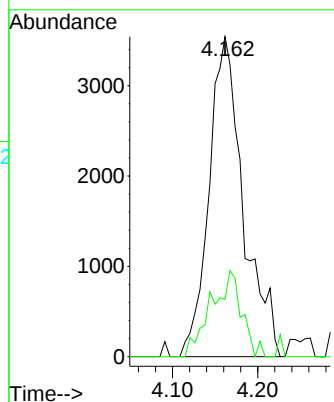
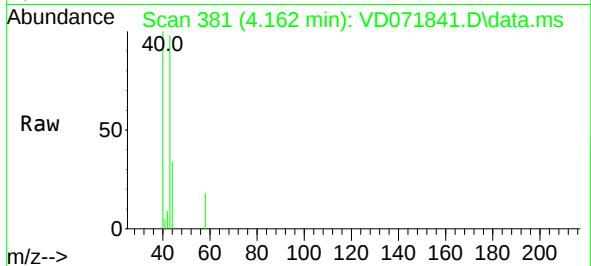




#16
Acetone
Concen: 5.940 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

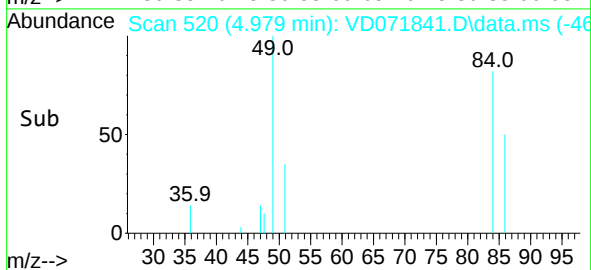
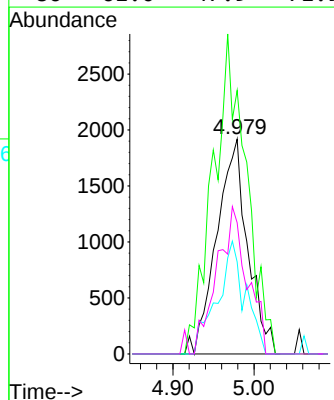
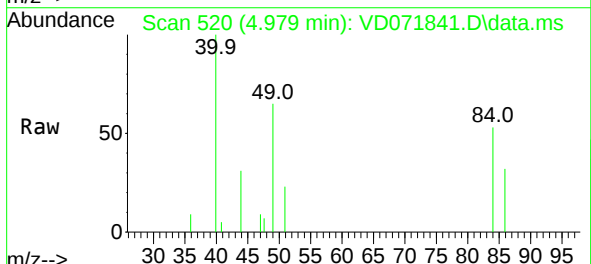
Instrument :
MSVOA_D
ClientSampleId :
TES-2

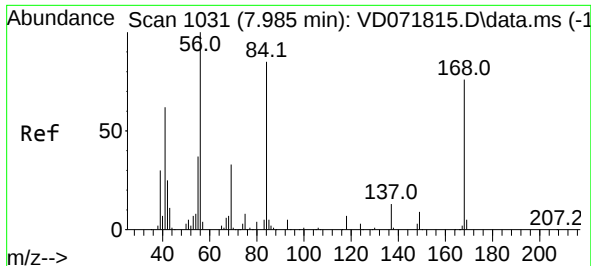
Tgt Ion: 43 Resp: 9907
Ion Ratio Lower Upper
43 100
58 17.9 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.012 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

Tgt Ion: 84 Resp: 5102
Ion Ratio Lower Upper
84 100
49 122.6 112.8 169.2
51 42.8 32.6 48.8
86 61.0 47.9 71.9

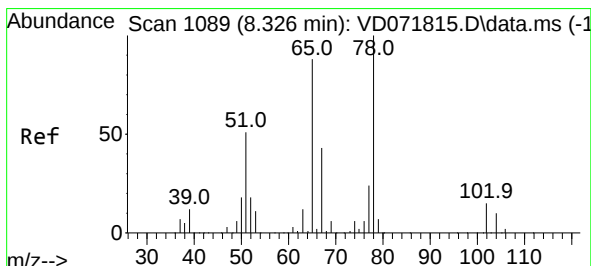
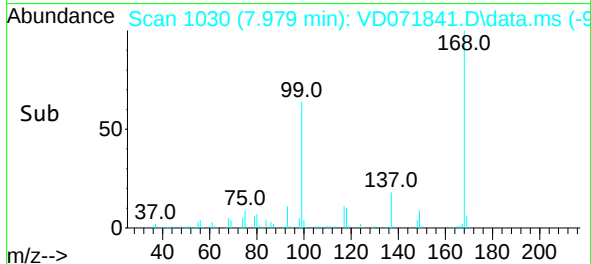
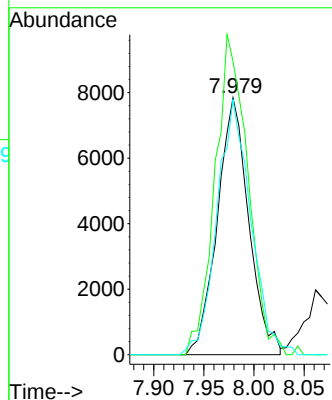
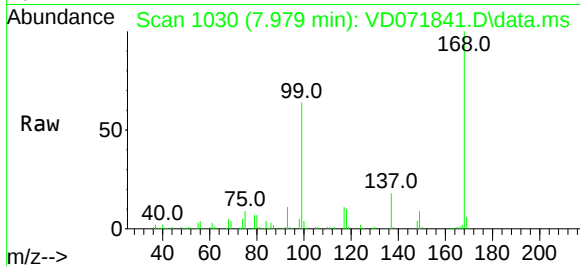




#31
Cyclohexane
Concen: 1.470 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

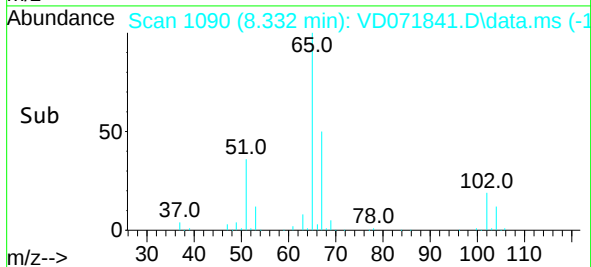
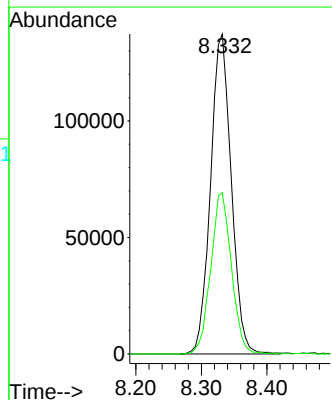
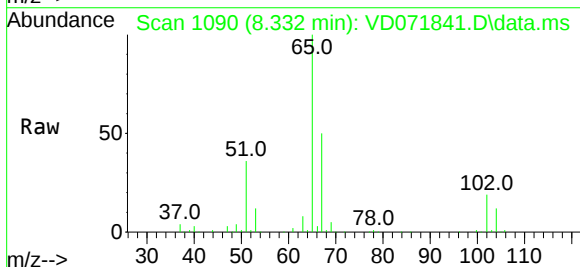
Instrument :
MSVOA_D
ClientSampleId :
TES-2

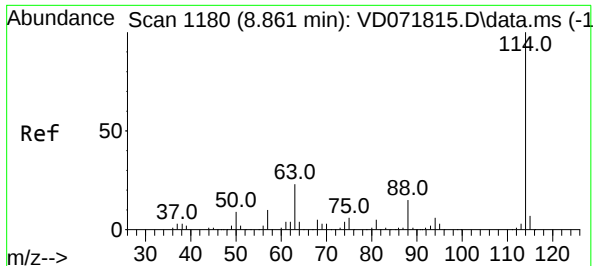
Tgt Ion: 56 Resp: 17100
Ion Ratio Lower Upper
56 100
69 114.3 25.4 38.2#
84 99.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.496 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

Tgt Ion: 65 Resp: 301570
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071841.D

Acq: 31 Jan 2022 13:20

Instrument :

MSVOA_D

ClientSampleId :

TES-2

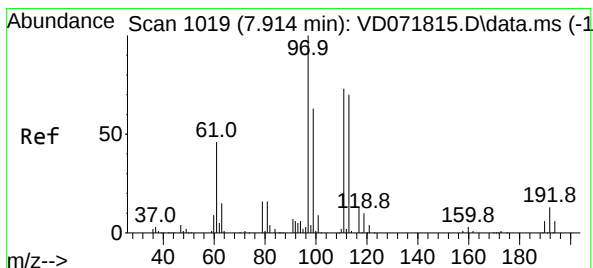
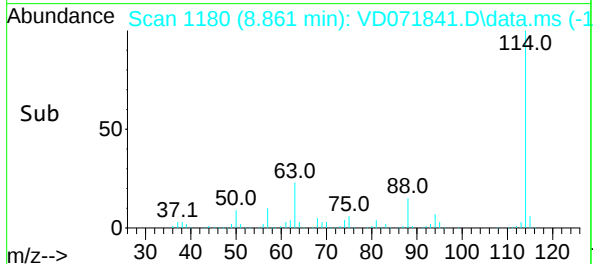
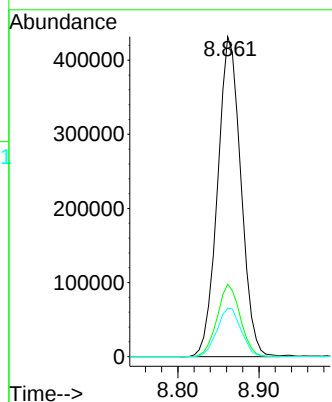
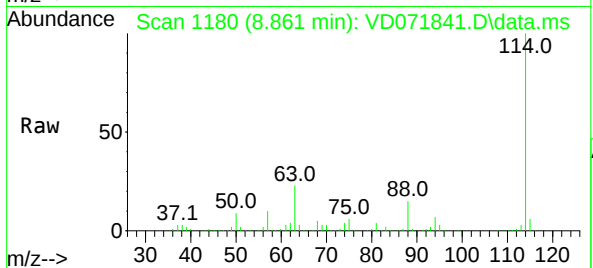
Tgt Ion:114 Resp: 861695

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.554 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071841.D

Acq: 31 Jan 2022 13:20

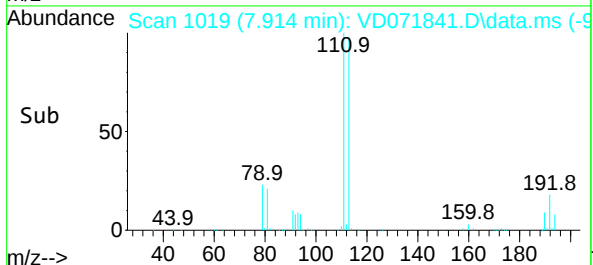
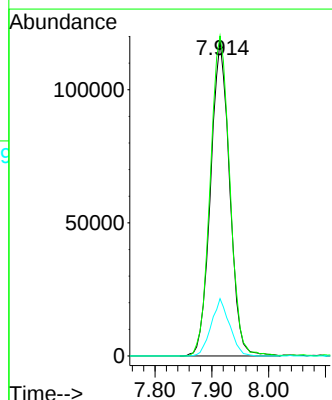
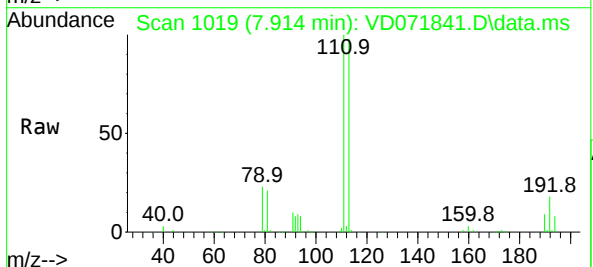
Tgt Ion:113 Resp: 275019

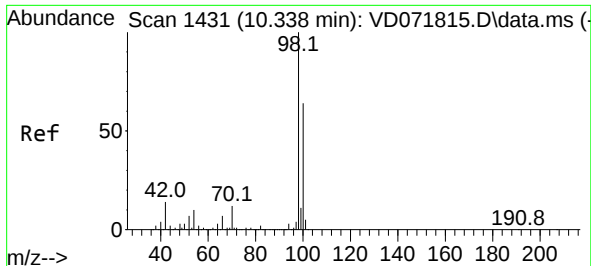
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.5 14.6 21.8

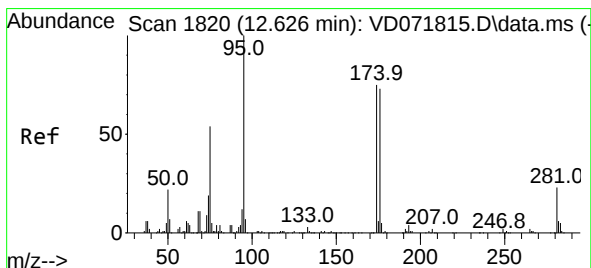
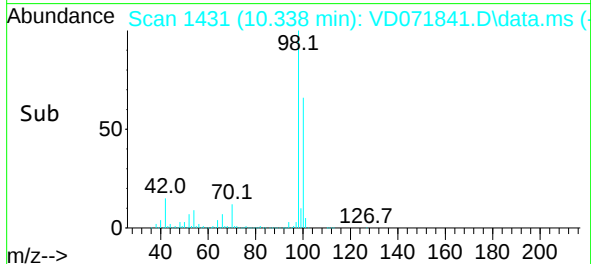
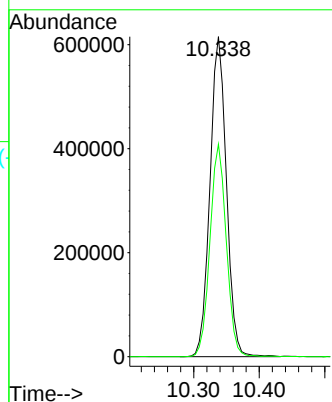
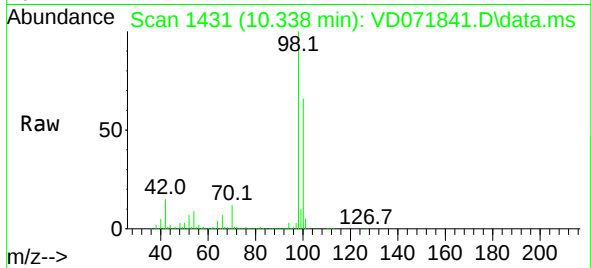




#50
Toluene-d8
Concen: 50.754 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

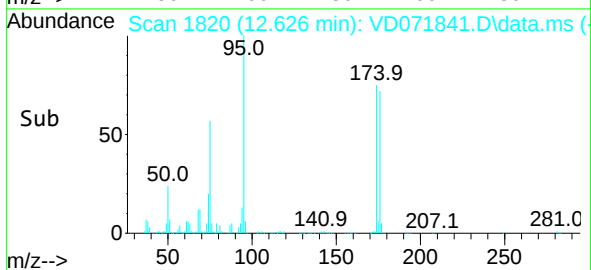
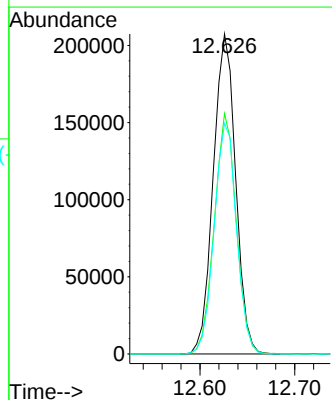
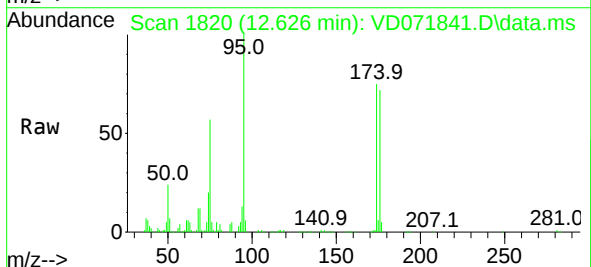
Instrument :
MSVOA_D
ClientSampleId :
TES-2

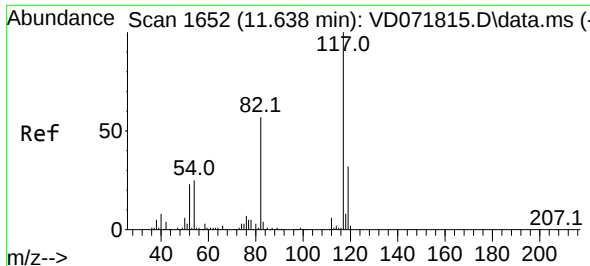
Tgt Ion: 98 Resp: 1073638
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.051 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

Tgt Ion: 95 Resp: 340184
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.8
176 71.9 0.0 145.4

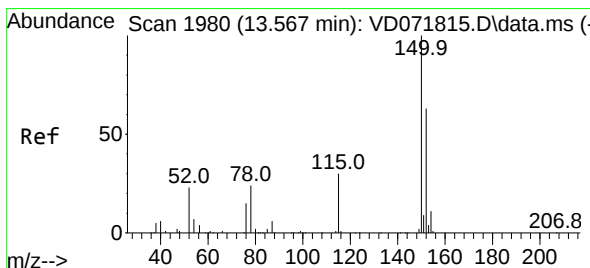
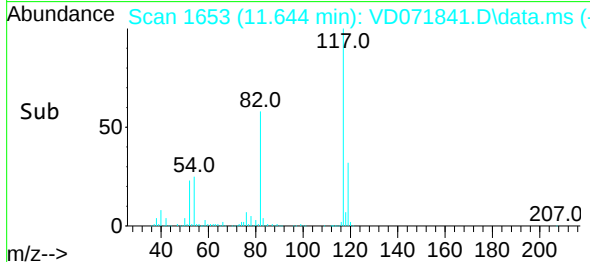
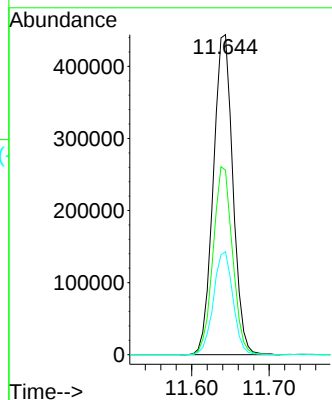
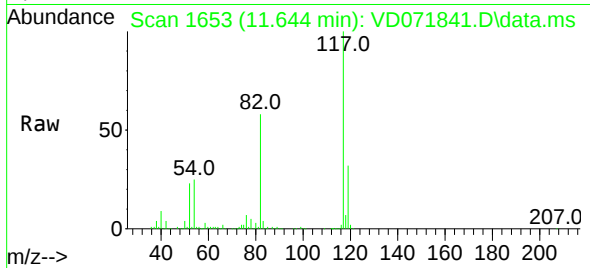




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

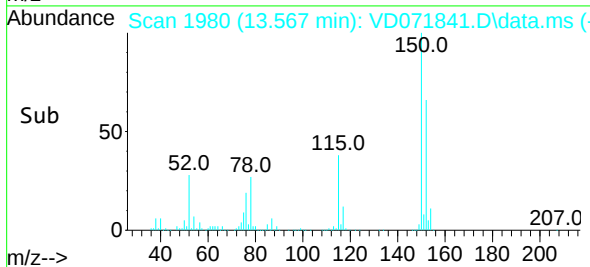
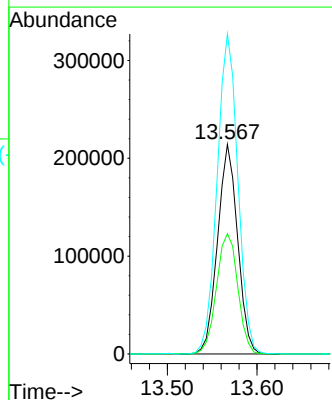
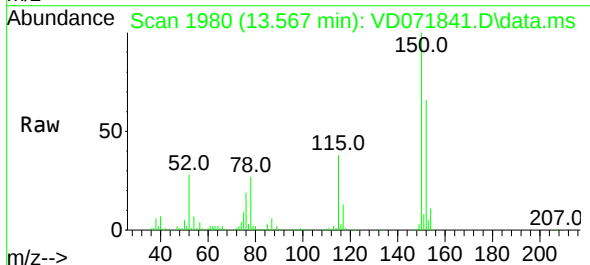
Instrument :
MSVOA_D
ClientSampleId :
TES-2

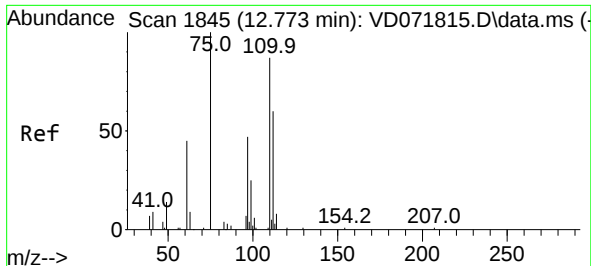
Tgt Ion:117 Resp: 779896
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

Tgt Ion:152 Resp: 332819
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.5 0.0 348.6

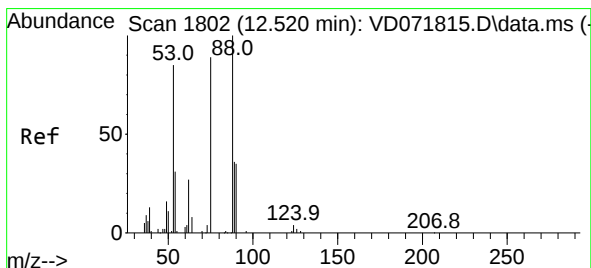
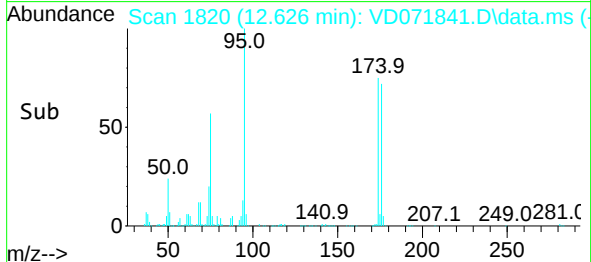
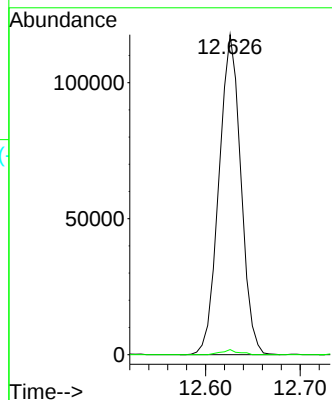
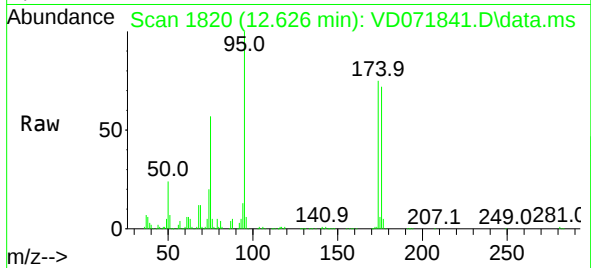




#76
1,2,3-Trichloropropane
Concen: 54.032 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

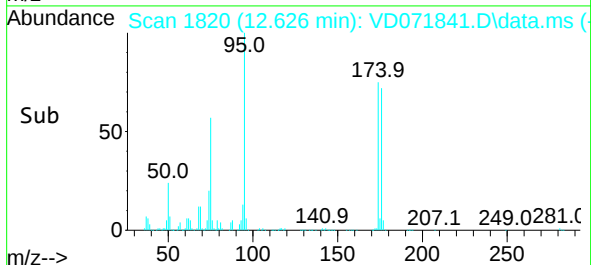
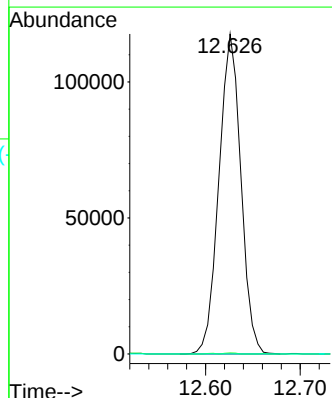
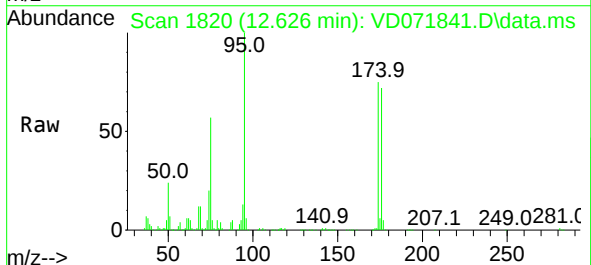
Instrument :
MSVOA_D
ClientSampleId :
TES-2

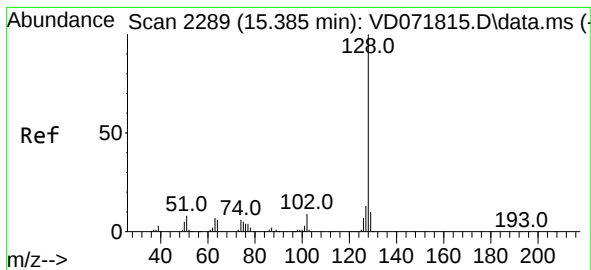
Tgt Ion: 75 Resp: 189518
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.853 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

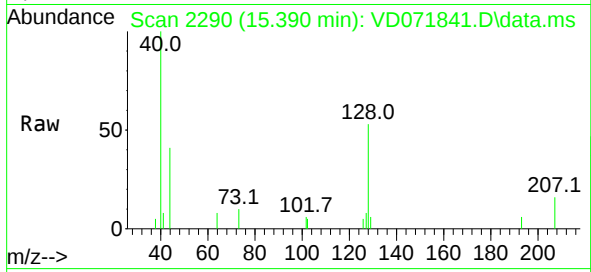
Tgt Ion: 75 Resp: 189518
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.740 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071841.D
Acq: 31 Jan 2022 13:20

Instrument :
MSVOA_D
ClientSampleId :
TES-2



Tgt Ion:128 Resp: 3404
Ion Ratio Lower Upper
128 100
127 17.1 10.3 15.5#
129 10.8 8.4 12.6

