

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071848.D
 Acq On : 31 Jan 2022 16:34
 Operator : VA/SY
 Sample : N1325-01RE
 Misc : 2.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-1

Quant Time: Feb 01 04:03:54 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)

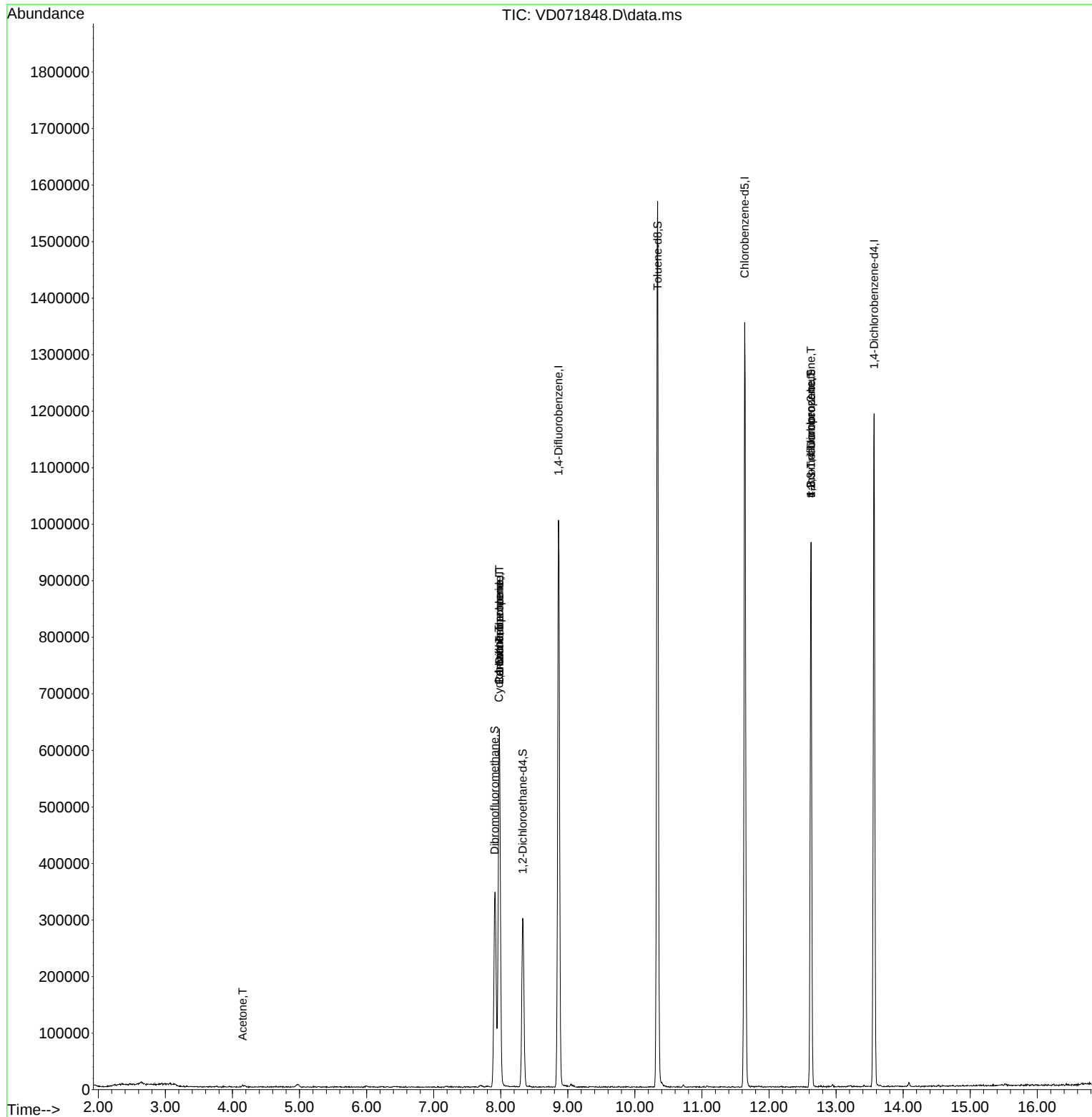
Internal Standards						
1) Pentafluorobenzene	7.979	168	440346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	800418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	712218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	293136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246409	44.272	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.540%		
35) Dibromofluoromethane	7.908	113	246818	46.911	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.820%		
50) Toluene-d8	10.338	98	1006098	51.202	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.400%		
62) 4-Bromofluorobenzene	12.626	95	294605	42.934	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.860%		
Target Compounds						
16) Acetone	4.150	43	5198	3.412	ug/l #	88
20) Methylene Chloride	4.967	84	2027	Below Cal	#	76
31) Cyclohexane	7.973	56	12732	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	40058	4.436	ug/l #	53
38) Carbon Tetrachloride	7.979	117	48509	5.432	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	164367	53.205	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	164367	130.820	ug/l #	7

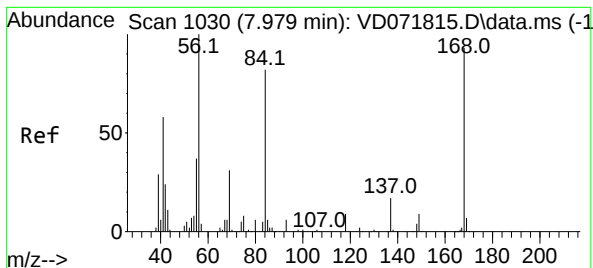
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. 0.000 min

Lab File: VD071848.D

Acq: 31 Jan 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

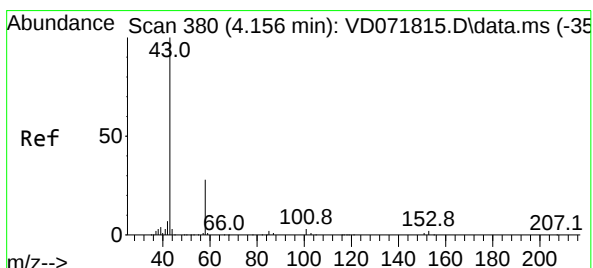
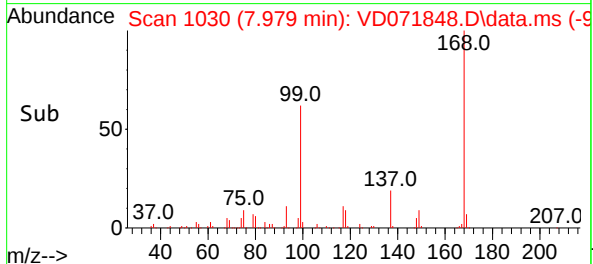
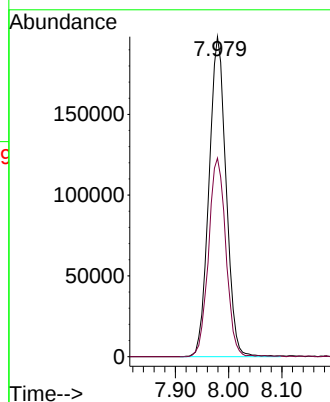
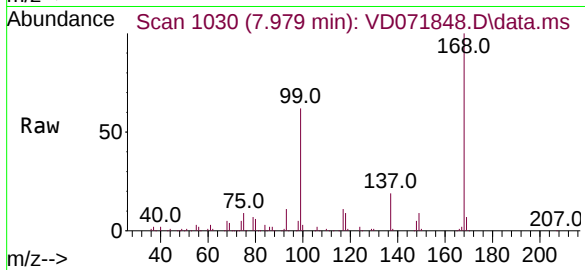
TES-1

Tgt Ion:168 Resp: 440346

Ion Ratio Lower Upper

168 100

99 62.1 49.8 74.6



#16

Acetone

Concen: 3.412 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD071848.D

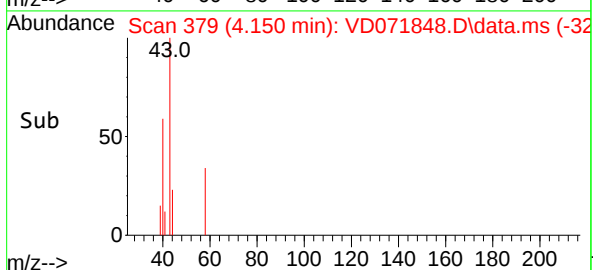
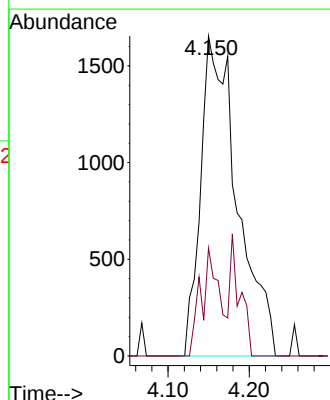
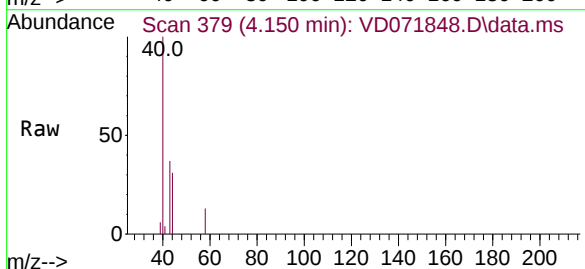
Acq: 31 Jan 2022 16:34

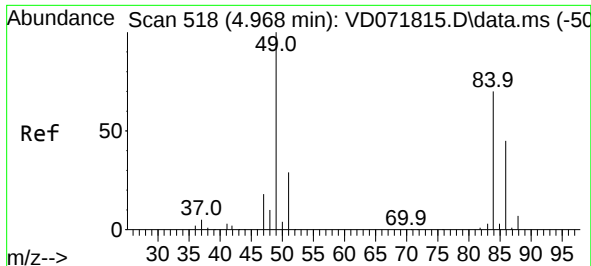
Tgt Ion: 43 Resp: 5198

Ion Ratio Lower Upper

43 100

58 33.7 22.1 33.1#



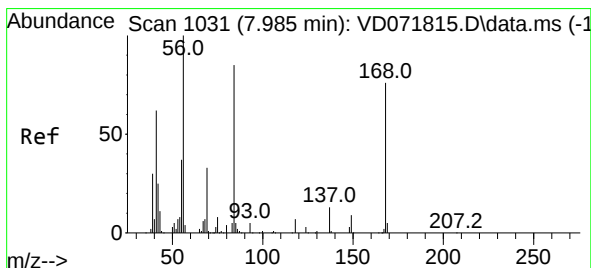
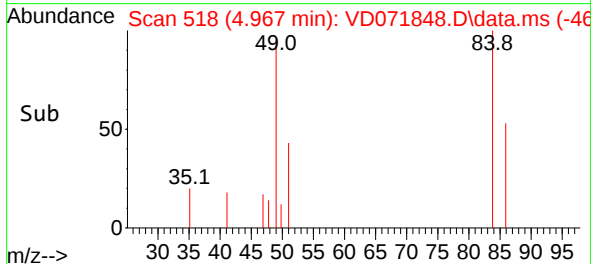
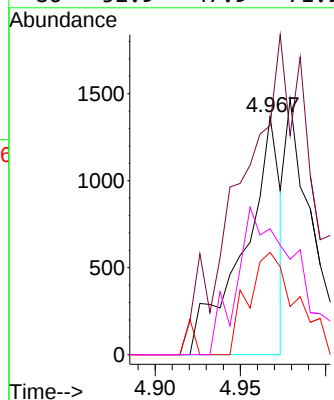
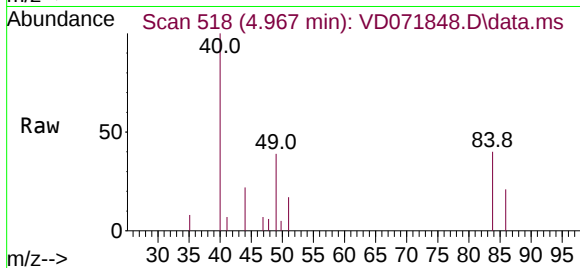


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Instrument :
MSVOA_D
ClientSampleId :
TES-1

Tgt Ion: 84 Resp: 2027

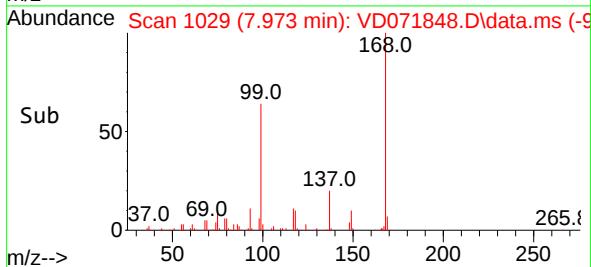
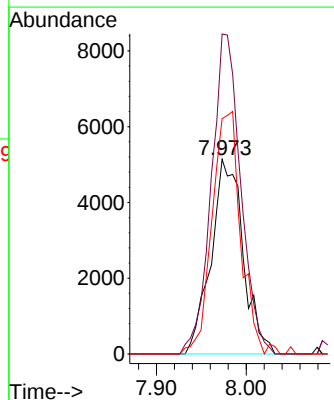
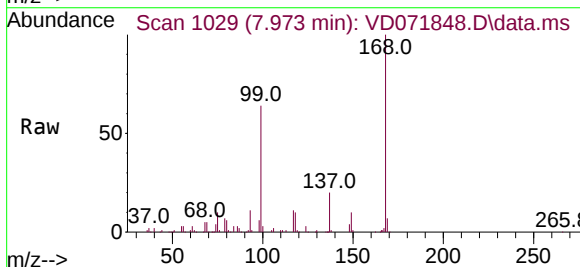
Ion	Ratio	Lower	Upper
84	100		
49	96.2	112.8	169.2#
51	43.0	32.6	48.8
86	52.9	47.9	71.9

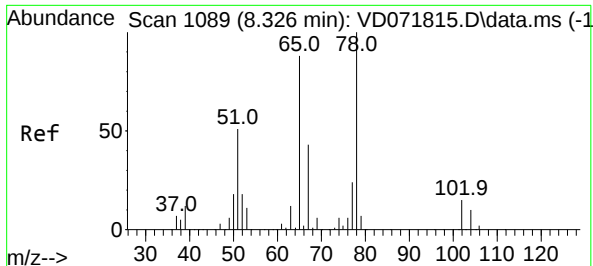


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Tgt Ion: 56 Resp: 12732

Ion	Ratio	Lower	Upper
56	100		
69	164.5	25.4	38.2#
84	121.0	63.0	94.4#

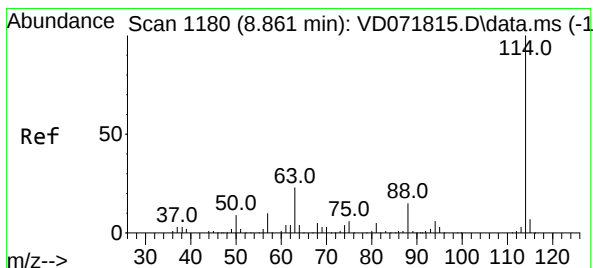
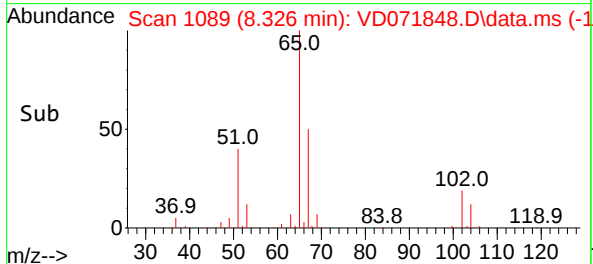
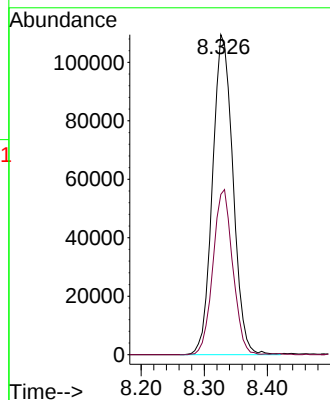
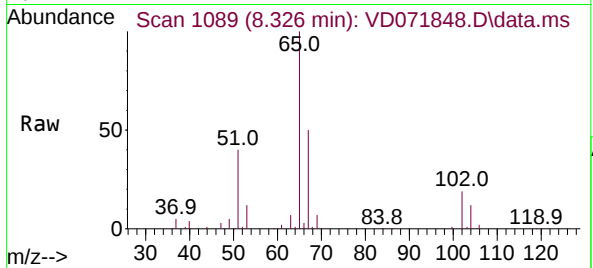




#33
 1,2-Dichloroethane-d4
 Concen: 44.272 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD071848.D
 Acq: 31 Jan 2022 16:34

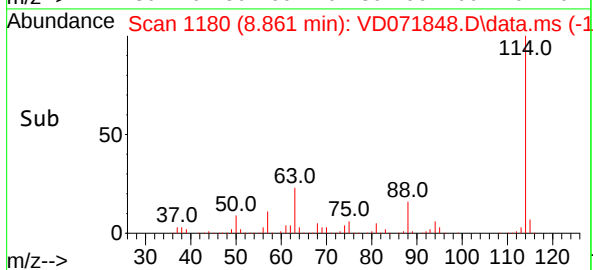
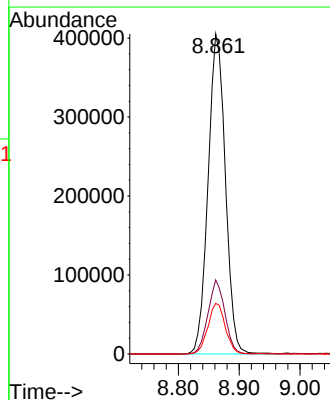
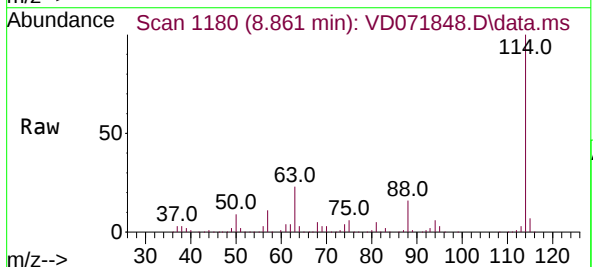
Instrument :
 MSVOA_D
 ClientSampleId :
 TES-1

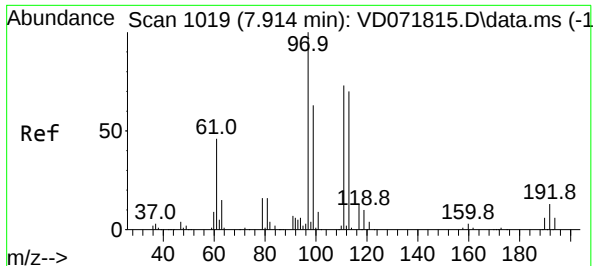
Tgt Ion: 65 Resp: 246409
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD071848.D
 Acq: 31 Jan 2022 16:34

Tgt Ion: 114 Resp: 800418
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.6
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.911 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071848.D

Acq: 31 Jan 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

TES-1

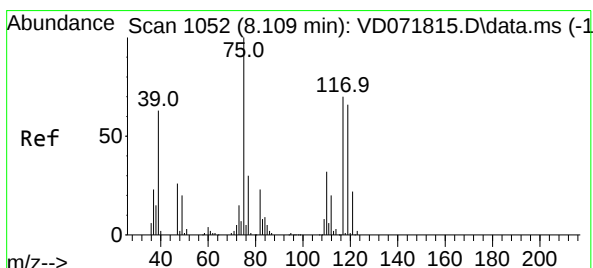
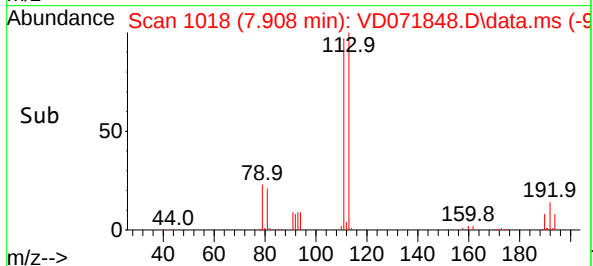
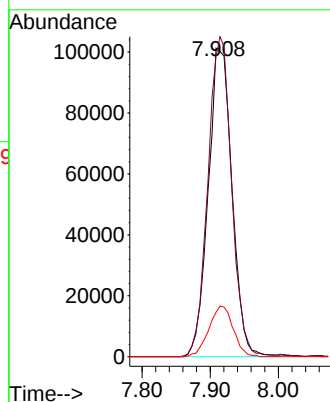
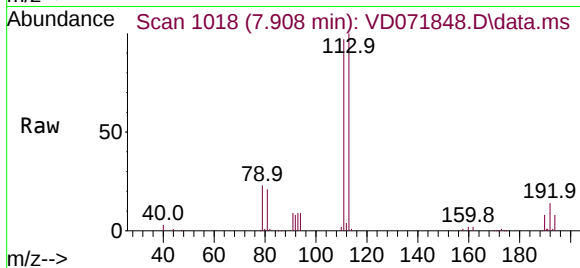
Tgt Ion:113 Resp: 246818

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 16.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.436 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071848.D

Acq: 31 Jan 2022 16:34

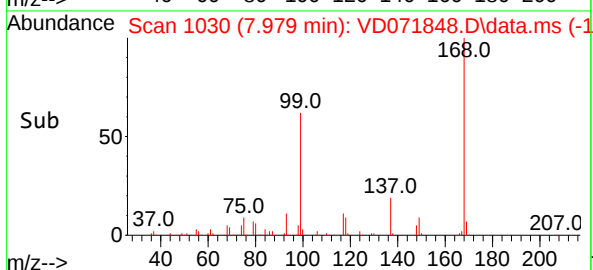
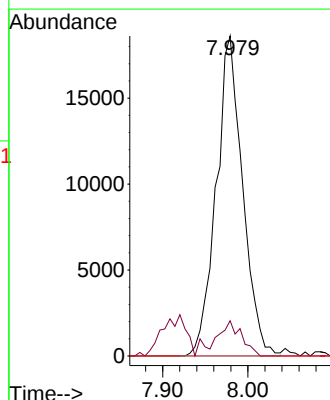
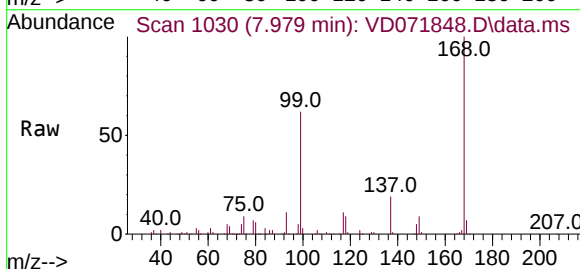
Tgt Ion: 75 Resp: 40058

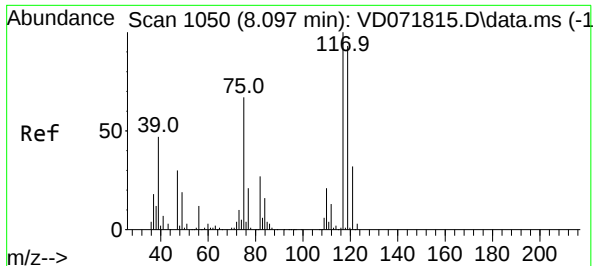
Ion Ratio Lower Upper

75 100

110 10.8 16.4 49.1#

77 0.0 24.2 36.2#

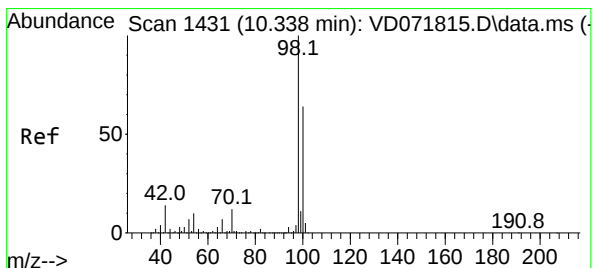
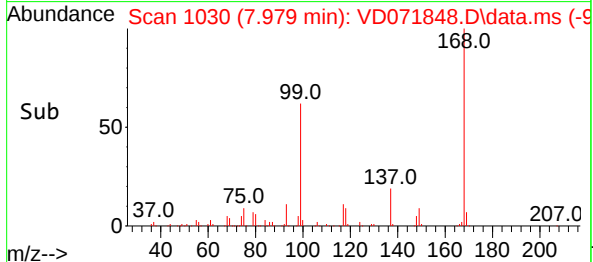
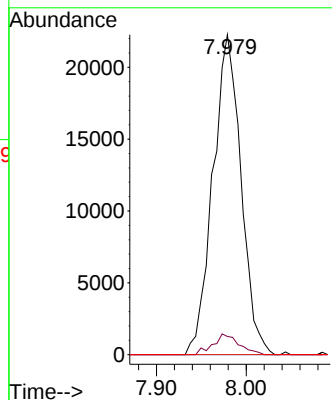
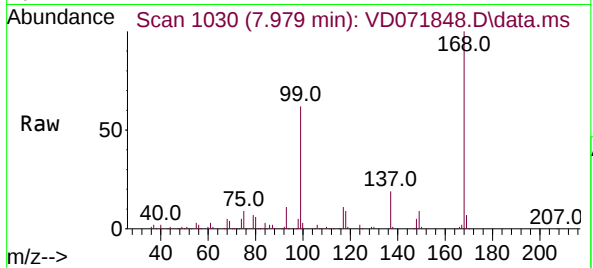




#38
Carbon Tetrachloride
Concen: 5.432 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

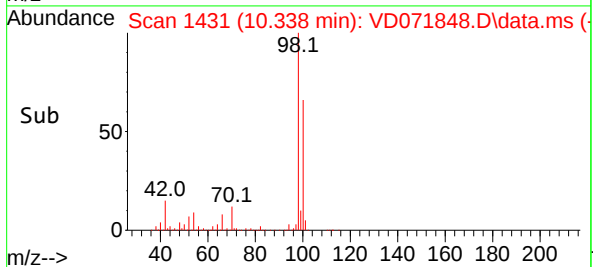
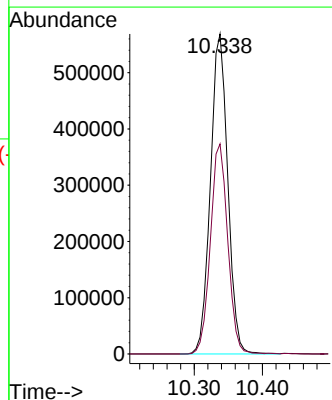
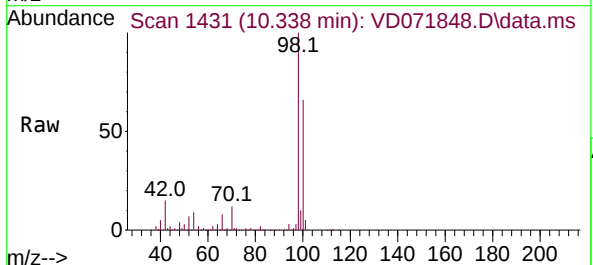
Instrument :
MSVOA_D
ClientSampleId :
TES-1

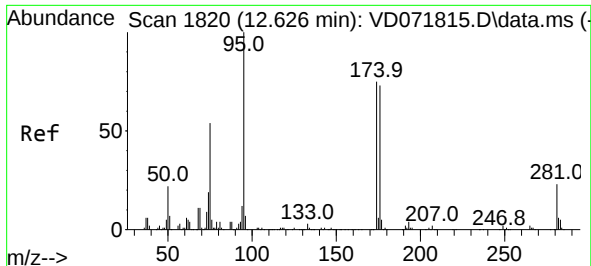
Tgt Ion:117 Resp: 48509
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.202 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Tgt Ion: 98 Resp: 1006098
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

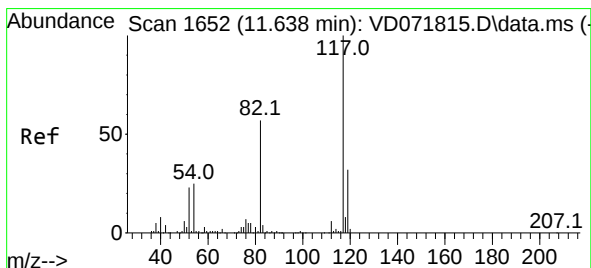
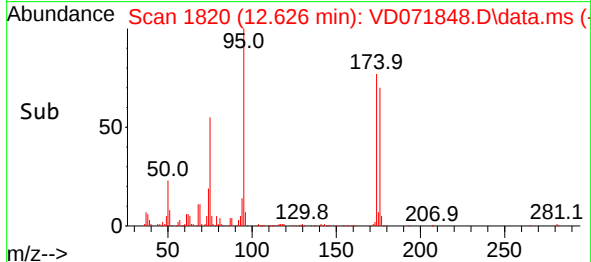
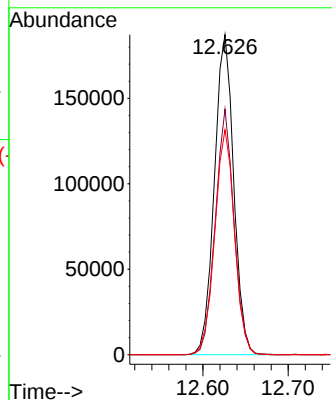
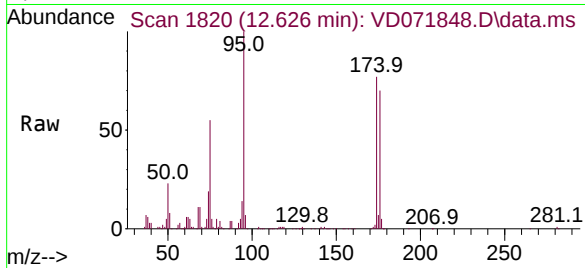




#62
4-Bromofluorobenzene
Concen: 42.934 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

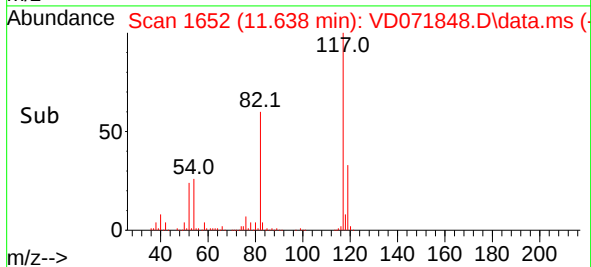
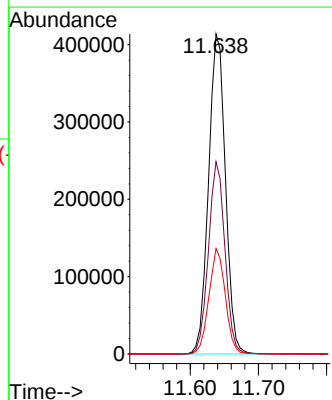
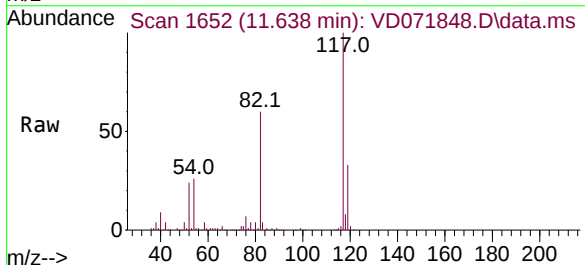
Instrument :
MSVOA_D
ClientSampleId :
TES-1

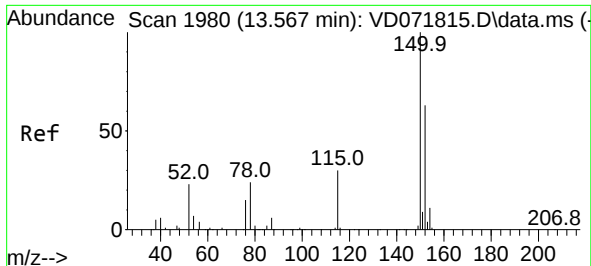
Tgt Ion: 95 Resp: 294605
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Tgt Ion: 117 Resp: 712218
Ion Ratio Lower Upper
117 100
82 60.1 45.3 67.9
119 32.9 26.6 40.0

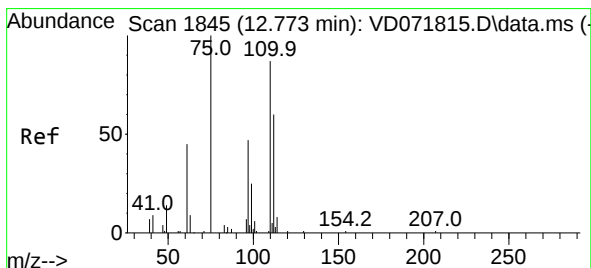
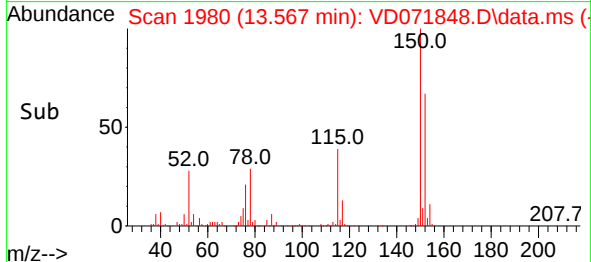
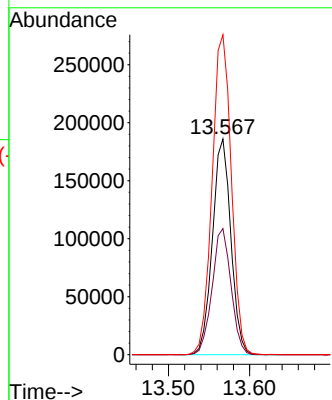
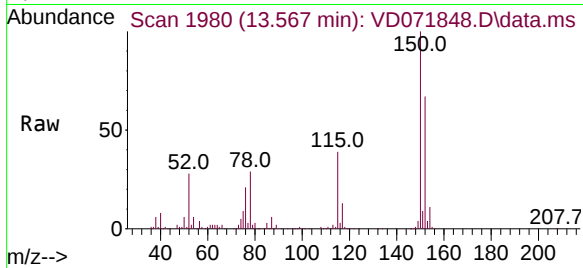




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071848.D
 Acq: 31 Jan 2022 16:34

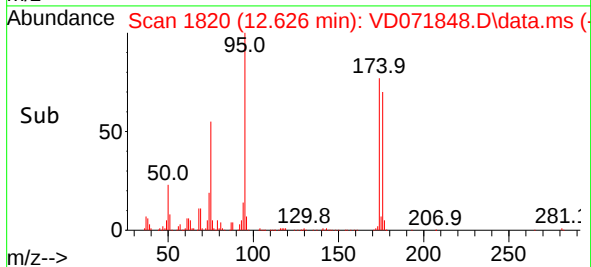
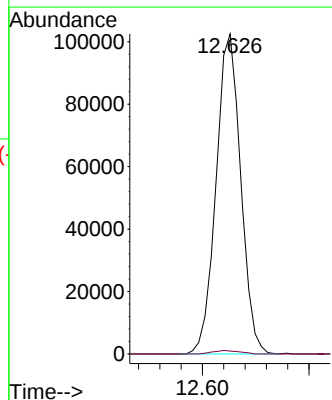
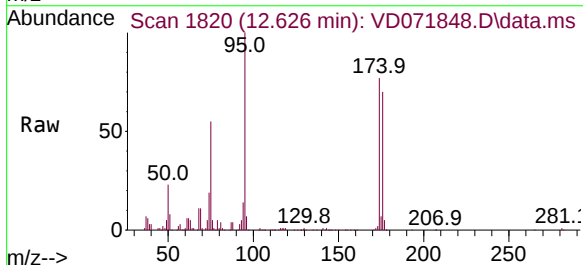
Instrument :
 MSVOA_D
 ClientSampleId :
 TES-1

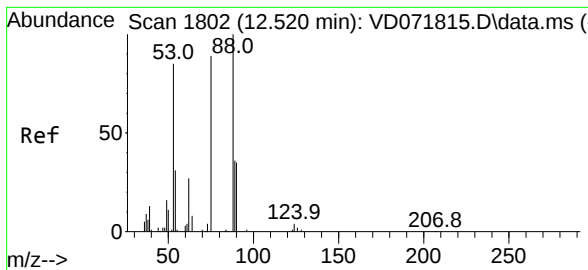
Tgt Ion:152 Resp: 293136
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.3 93.8
 150 154.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 53.205 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071848.D
 Acq: 31 Jan 2022 16:34

Tgt Ion: 75 Resp: 164367
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.820 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071848.D
 Acq: 31 Jan 2022 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-1

Tgt Ion: 75 Resp: 164367
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#

