

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073160.D
 Acq On : 20 May 2022 01:33
 Operator : VA/SY
 Sample : N2842-08
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS004-0006-01

Quant Time: May 20 02:44:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

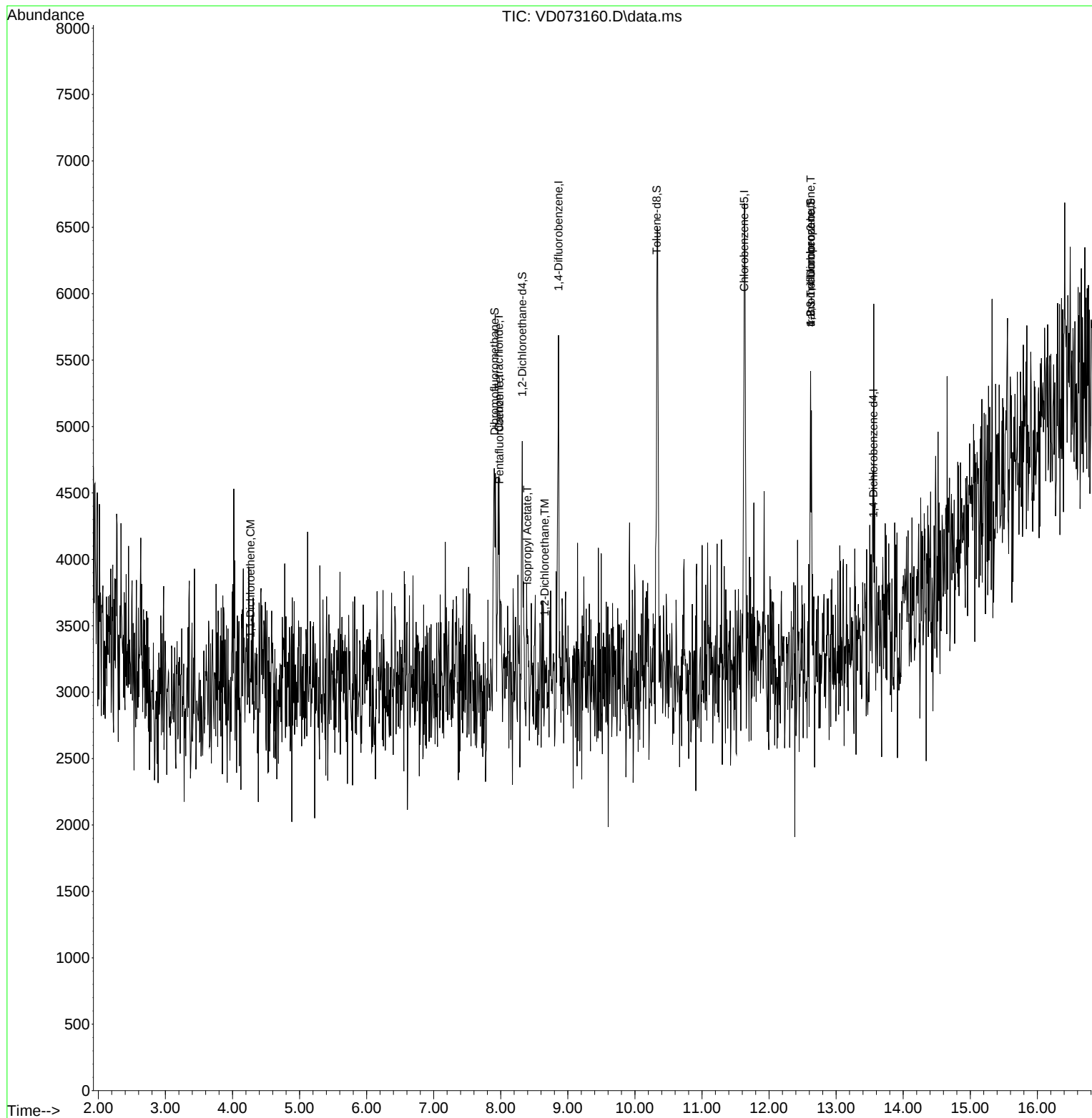
Internal Standards						
1) Pentafluorobenzene	7.979	168	1756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	2927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	2781	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	152	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1410	72.657	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.320%			
35) Dibromofluoromethane	7.908	113	656	33.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 67.920%			
50) Toluene-d8	10.326	98	2790	39.187	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 78.380%			
62) 4-Bromofluorobenzene	12.620	95	916	36.660	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 73.320%			
Target Compounds			Qvalue			
12) 1,1-Dichloroethene	4.267	96	64	3.627	ug/l #	1
20) Methylene Chloride	4.938	84	74	Below Cal	#	2
38) Carbon Tetrachloride	7.973	117	138	4.687	ug/l #	13
42) 1,2-Dichloroethane	8.655	62	62	2.662	ug/l #	76
43) Isopropyl Acetate	8.397	43	57	2.688	ug/l #	54
76) 1,2,3-Trichloropropane	12.620	75	227	152.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	227	365.404	ug/l #	7

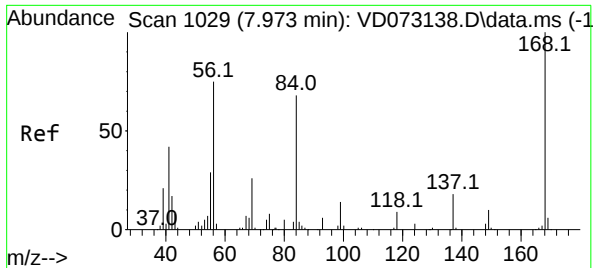
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
Data File : VD073160.D
Acq On : 20 May 2022 01:33
Operator : VA/SY
Sample : N2842-08
Misc : 4.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P016-SS004-0006-01

Quant Time: May 20 02:44:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

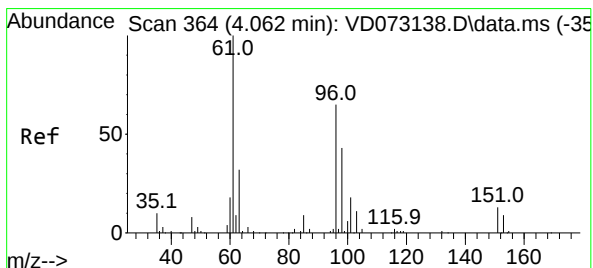
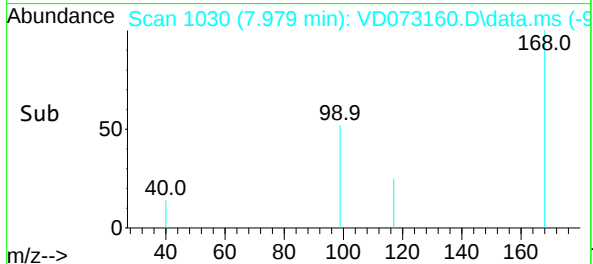
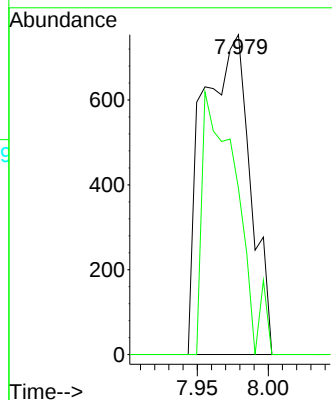
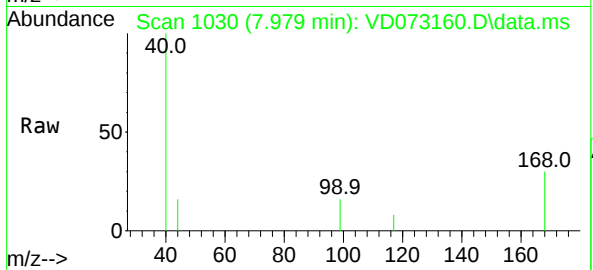




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073160.D
Acq: 20 May 2022 01:33

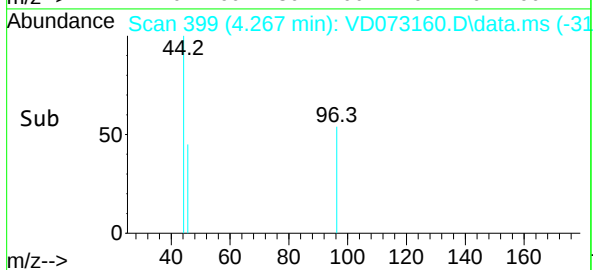
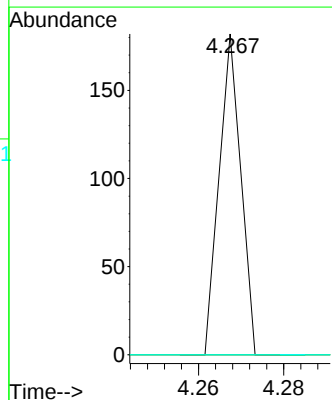
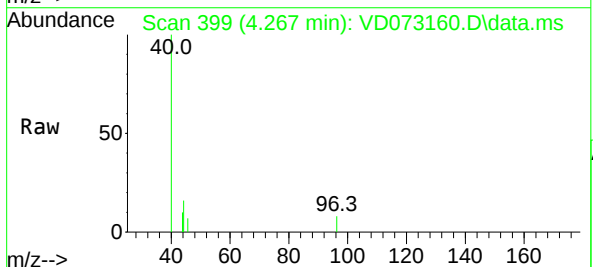
Instrument :
MSVOA_D
ClientSampleId :
P016-SS004-0006-01

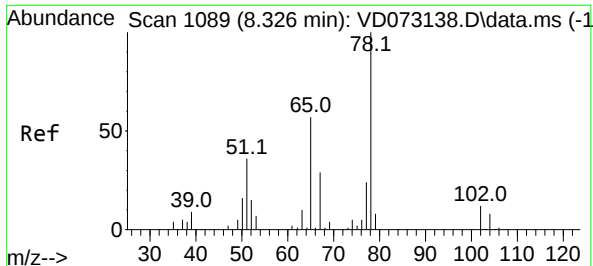
Tgt Ion:168 Resp: 1756
Ion Ratio Lower Upper
168 100
99 52.0 49.8 74.6



#12
1,1-Dichloroethene
Concen: 3.627 ug/l
RT: 4.267 min Scan# 399
Delta R.T. 0.205 min
Lab File: VD073160.D
Acq: 20 May 2022 01:33

Tgt Ion: 96 Resp: 64
Ion Ratio Lower Upper
96 100
61 0.0 138.5 207.7#
98 0.0 48.6 73.0#





#33

1,2-Dichloroethane-d4

Concen: 72.657 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073160.D

Acq: 20 May 2022 01:33

Instrument :

MSVOA_D

ClientSampleId :

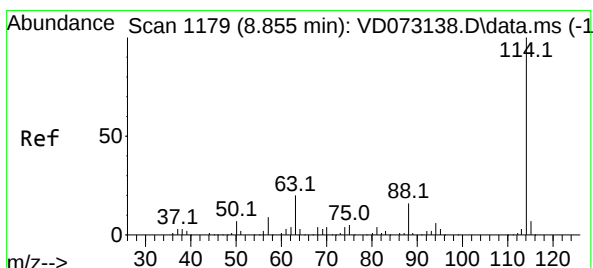
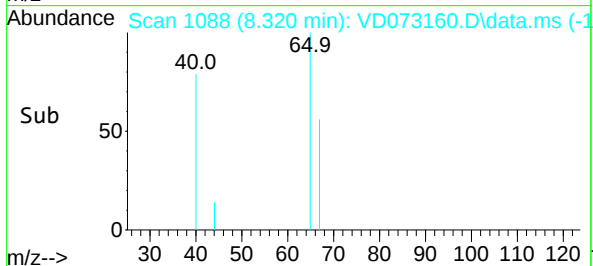
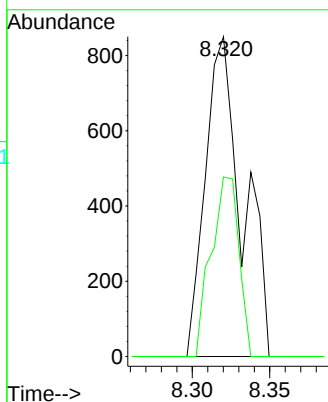
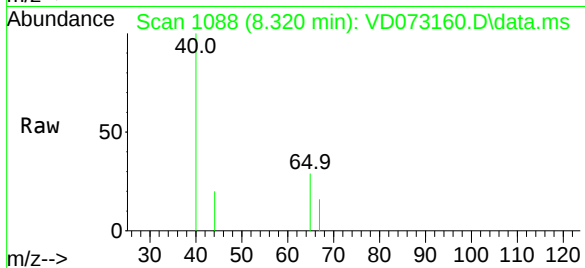
P016-SS004-0006-01

Tgt Ion: 65 Resp: 1410

Ion Ratio Lower Upper

65 100

67 42.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073160.D

Acq: 20 May 2022 01:33

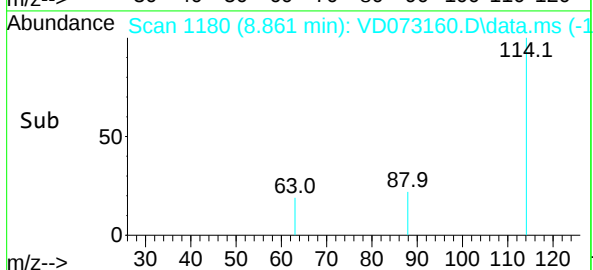
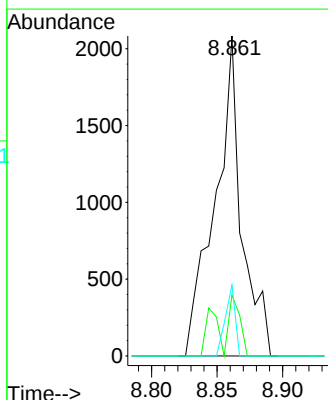
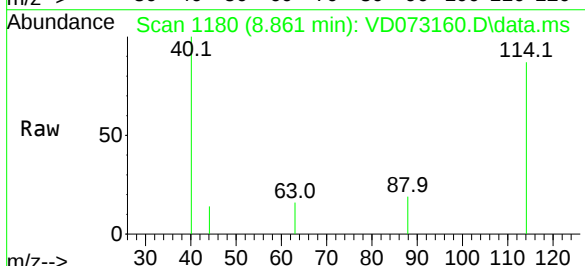
Tgt Ion: 114 Resp: 2927

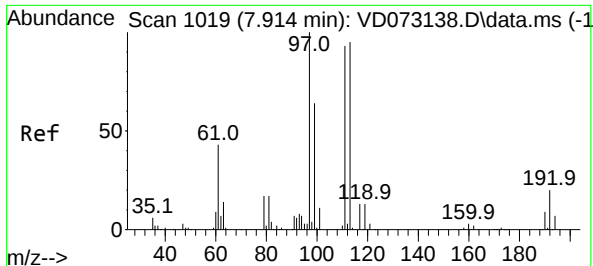
Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 22.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 33.965 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073160.D

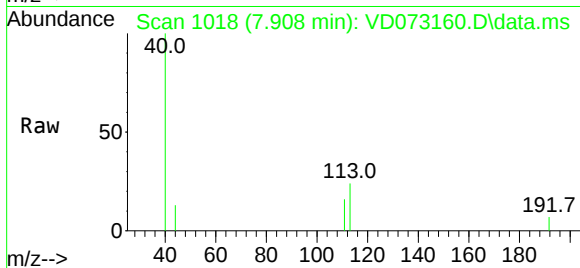
Acq: 20 May 2022 01:33

Instrument :

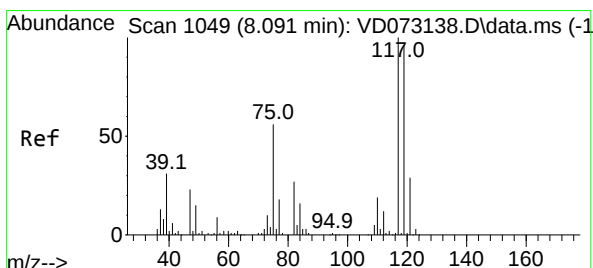
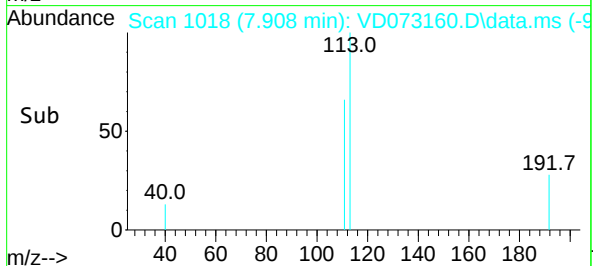
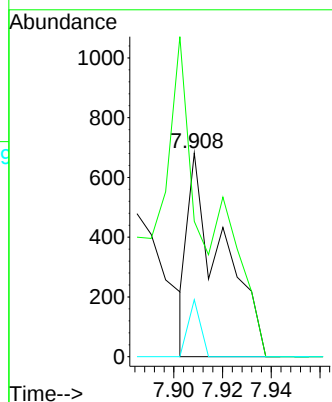
MSVOA_D

ClientSampleId :

P016-SS004-0006-01



Tgt Ion:	113	Resp:	656
Ion	Ratio	Lower	Upper
113	100		
111	172.9	83.8	125.6#
192	10.2	14.6	21.8#



#38

Carbon Tetrachloride

Concen: 4.687 ug/l

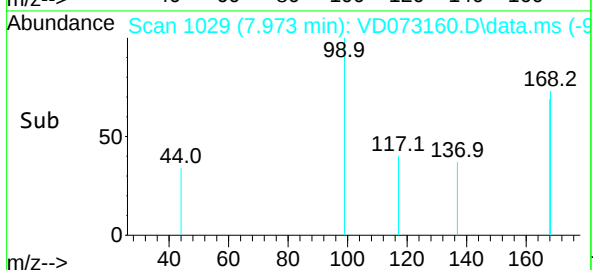
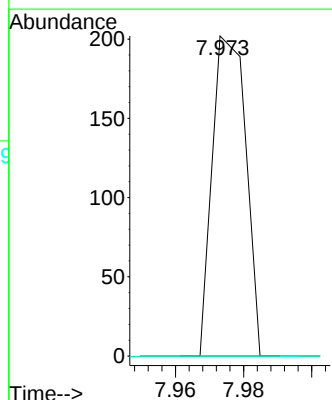
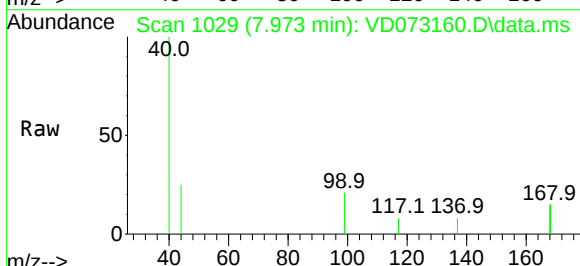
RT: 7.973 min Scan# 1029

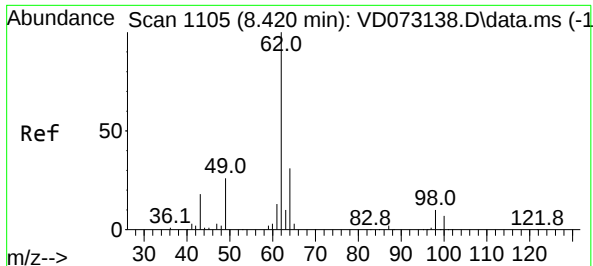
Delta R.T. -0.118 min

Lab File: VD073160.D

Acq: 20 May 2022 01:33

Tgt Ion:	117	Resp:	138
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.5	36.7#





#42

1,2-Dichloroethane

Concen: 2.662 ug/l

RT: 8.655 min Scan# 1145

Delta R.T. 0.235 min

Lab File: VD073160.D

Acq: 20 May 2022 01:33

Instrument :

MSVOA_D

ClientSampleId :

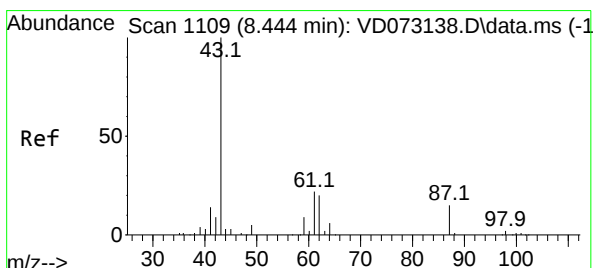
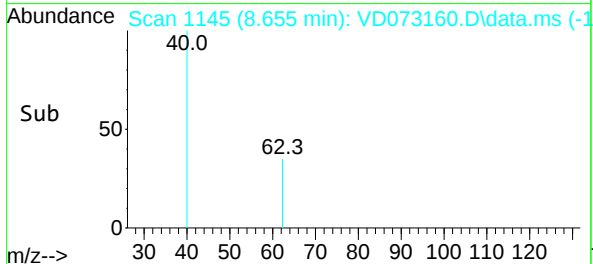
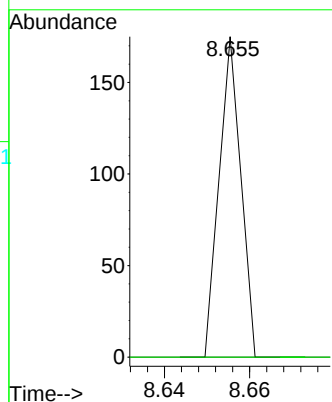
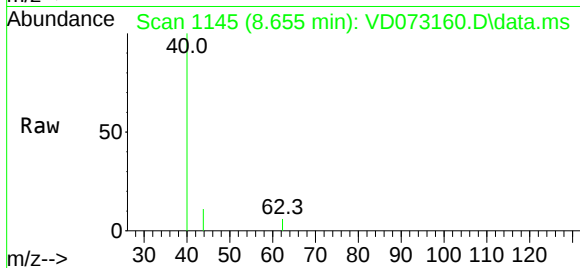
P016-SS004-0006-01

Tgt Ion: 62 Resp: 62

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 2.688 ug/l

RT: 8.397 min Scan# 1101

Delta R.T. -0.047 min

Lab File: VD073160.D

Acq: 20 May 2022 01:33

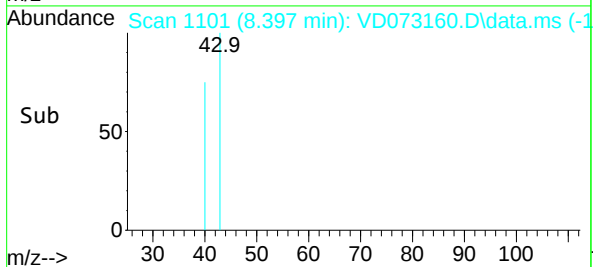
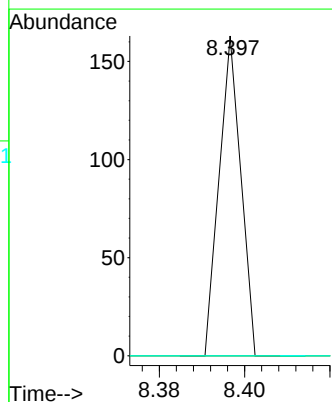
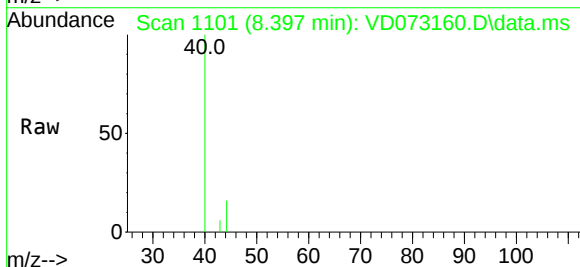
Tgt Ion: 43 Resp: 57

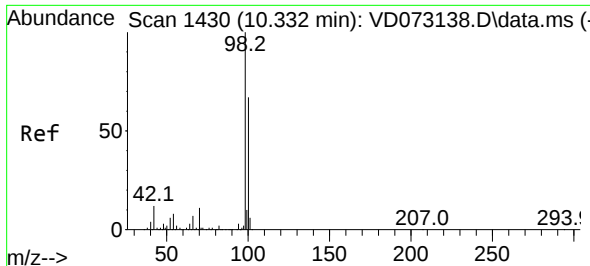
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 8.7 13.1#

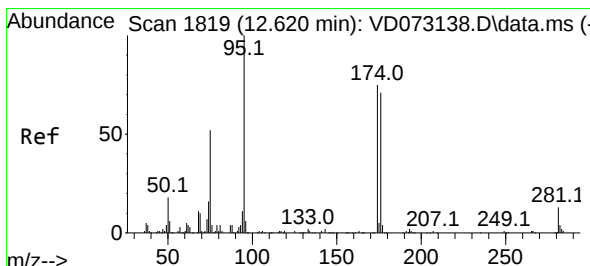
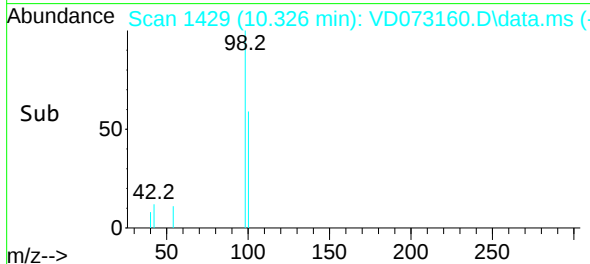
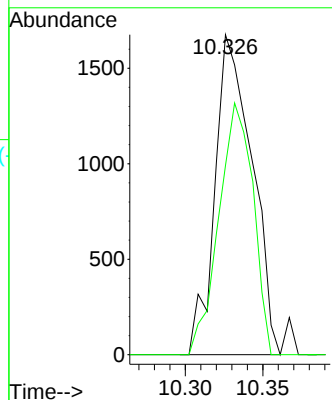
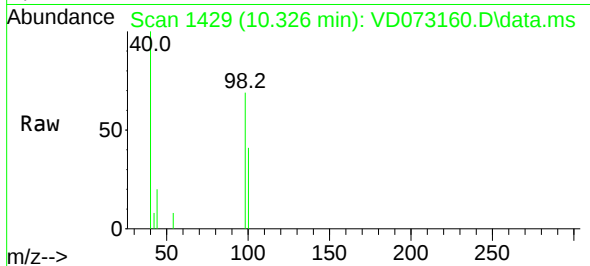




#50
Toluene-d8
Concen: 39.187 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073160.D
Acq: 20 May 2022 01:33

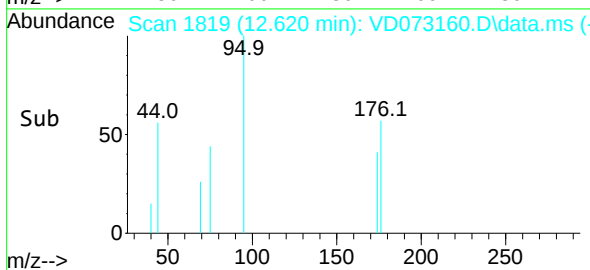
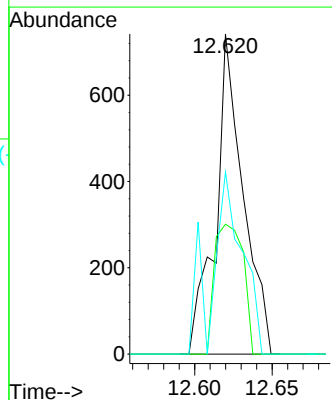
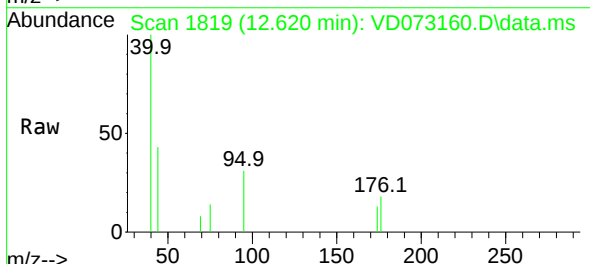
Instrument :
MSVOA_D
ClientSampleId :
P016-SS004-0006-01

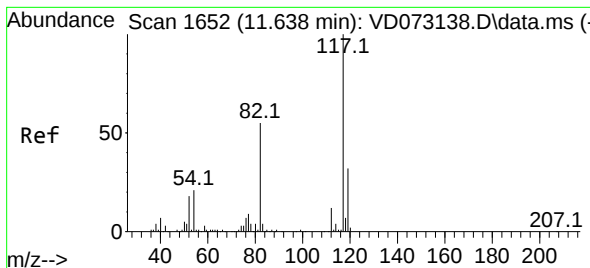
Tgt Ion: 98 Resp: 2790
Ion Ratio Lower Upper
98 100
100 72.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 36.660 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073160.D
Acq: 20 May 2022 01:33

Tgt Ion: 95 Resp: 916
Ion Ratio Lower Upper
95 100
174 42.2 0.0 152.8
176 63.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073160.D

Acq: 20 May 2022 01:33

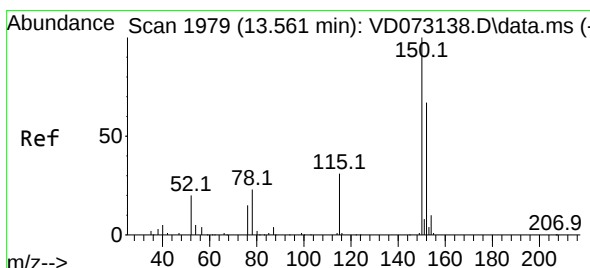
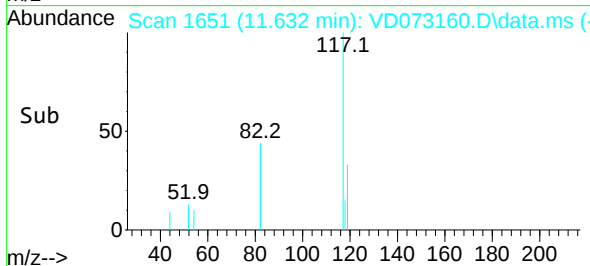
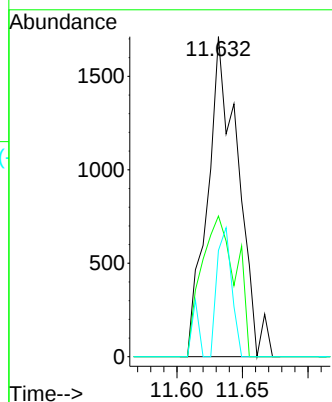
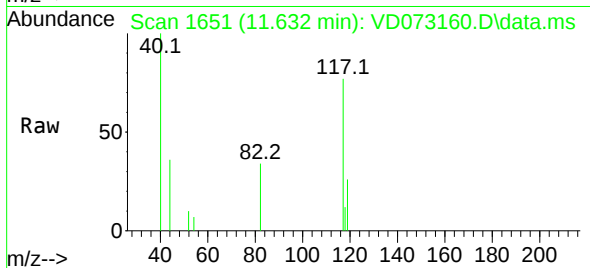
Instrument :

MSVOA_D

ClientSampleId :

P016-SS004-0006-01

Tgt Ion:	117	Resp:	2781
Ion	Ratio	Lower	Upper
117	100		
82	44.0	45.3	67.9#
119	33.2	26.6	40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

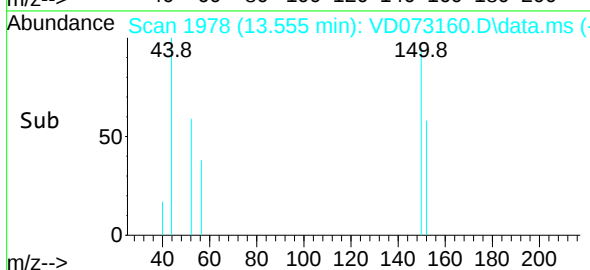
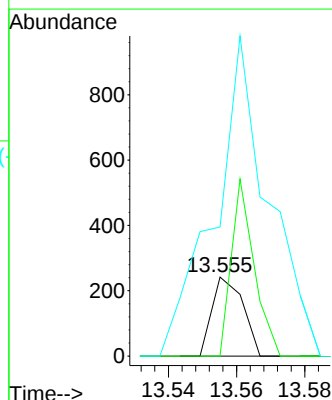
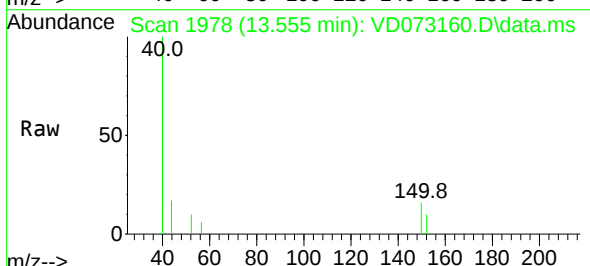
RT: 13.555 min Scan# 1978

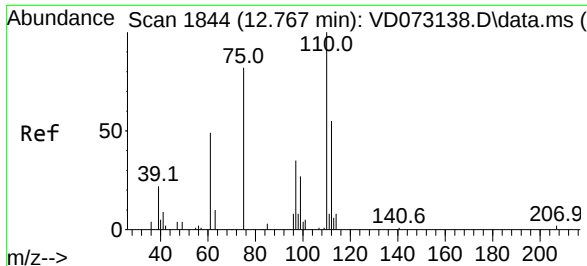
Delta R.T. -0.006 min

Lab File: VD073160.D

Acq: 20 May 2022 01:33

Tgt Ion:	152	Resp:	152
Ion	Ratio	Lower	Upper
152	100		
115	164.5	31.3	93.8#
150	707.9	0.0	348.6#

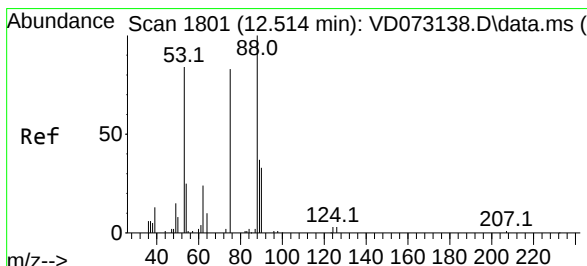
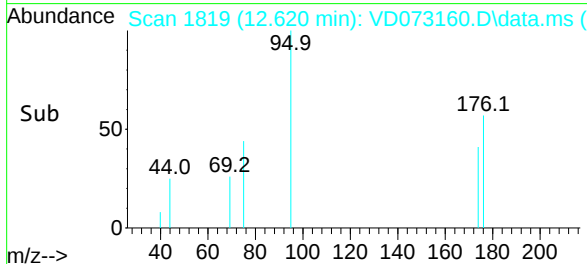
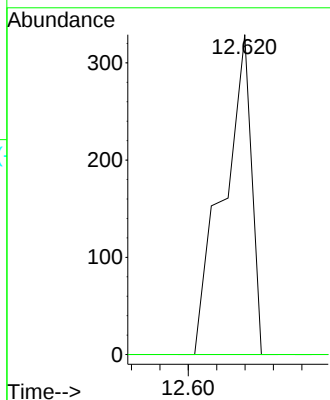
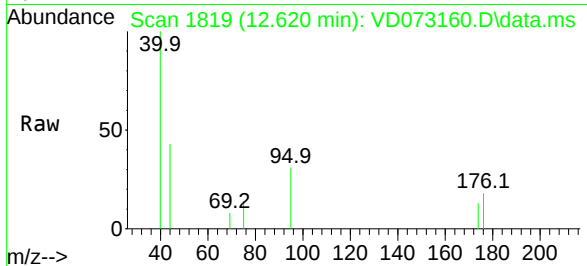




#76
1,2,3-Trichloropropane
Concen: 152.208 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073160.D
Acq: 20 May 2022 01:33

Instrument :
MSVOA_D
ClientSampleId :
P016-SS004-0006-01

Tgt Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 365.404 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073160.D
Acq: 20 May 2022 01:33

Tgt Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

