

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077399.D
 Acq On : 24 Oct 2023 17:16
 Operator : JC/SY
 Sample : 05005-01
 Misc : 5.13G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:07:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

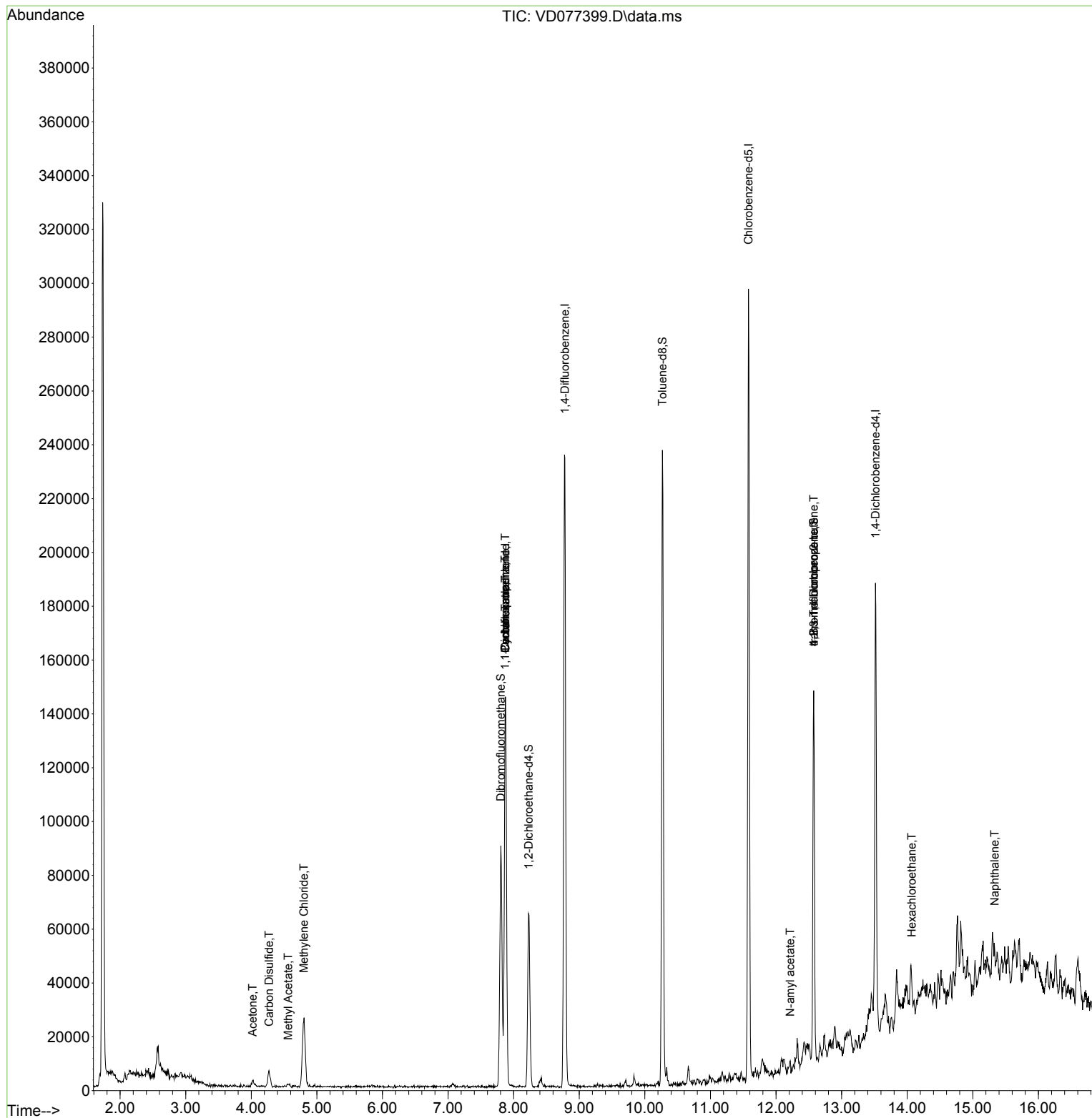
Internal Standards						
1) Pentafluorobenzene	7.875	168	119692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	47737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52984	49.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.805	113	65368	40.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.120%
50) Toluene-d8	10.269	98	174624	30.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	60.500%
62) 4-Bromofluorobenzene	12.575	95	42199	25.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.800%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	4033	17.208	ug/l #	83
17) Carbon Disulfide	4.269	76	12250	3.024	ug/l #	95
18) Methyl Acetate	4.564	43	2037	2.497	ug/l #	57
20) Methylene Chloride	4.805	84	22283	12.092	ug/l #	91
31) Cyclohexane	7.875	56	2092	1.258	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	8712	4.114	ug/l #	48
38) Carbon Tetrachloride	7.875	117	12210	5.182	ug/l #	14
74) N-amyl acetate	12.216	43	1424	3.135	ug/l #	79
76) 1,2,3-Trichloropropane	12.575	75	20510	32.653	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	20510	115.125	ug/l #	18
90) Hexachloroethane	14.069	117	1165	1.908	ug/l #	17
95) Naphthalene	15.334	128	9578	6.178	ug/l #	93

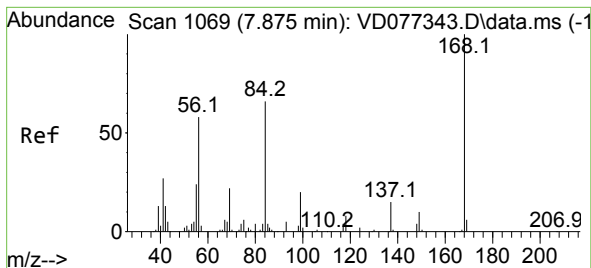
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077399.D
Acq On : 24 Oct 2023 17:16
Operator : JC/SY
Sample : 05005-01
Misc : 5.13G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 25 04:07:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077399.D

Acq: 24 Oct 2023 17:16

Instrument :

MSVOA_D

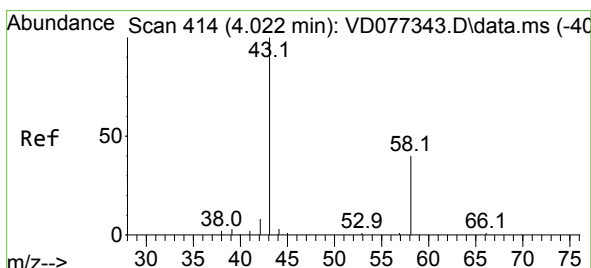
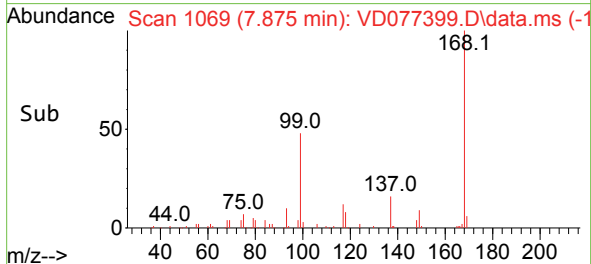
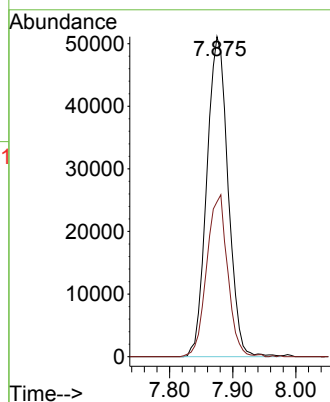
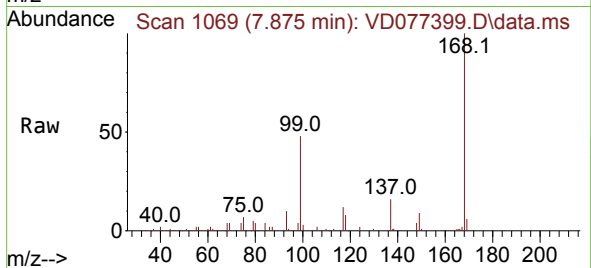
ClientSampleId :

Tgt Ion:168 Resp: 119692

Ion Ratio Lower Upper

168 100

99 48.4 36.7 55.1



#16

Acetone

Concen: 17.208 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077399.D

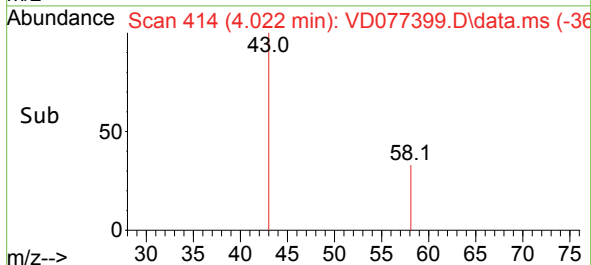
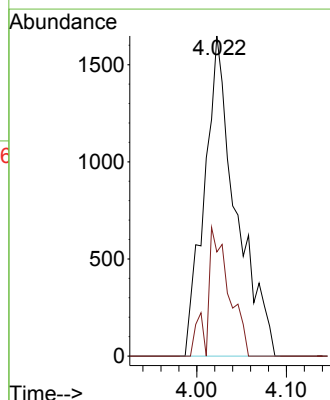
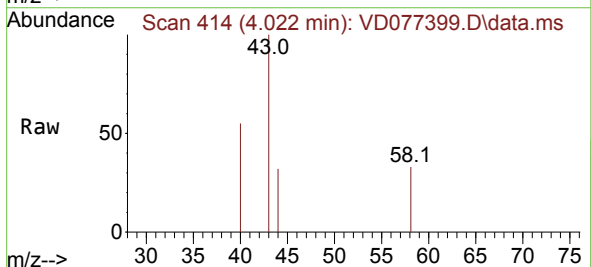
Acq: 24 Oct 2023 17:16

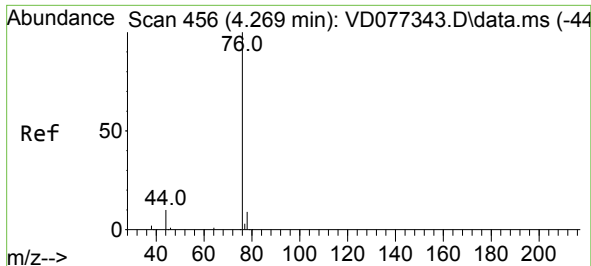
Tgt Ion: 43 Resp: 4033

Ion Ratio Lower Upper

43 100

58 32.5 34.7 52.1#

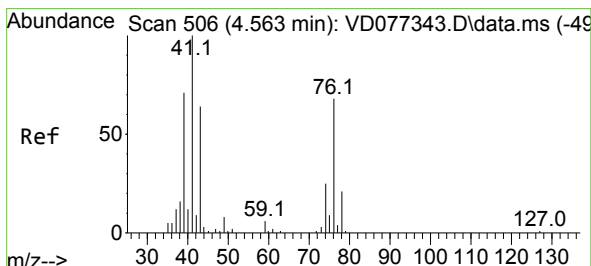
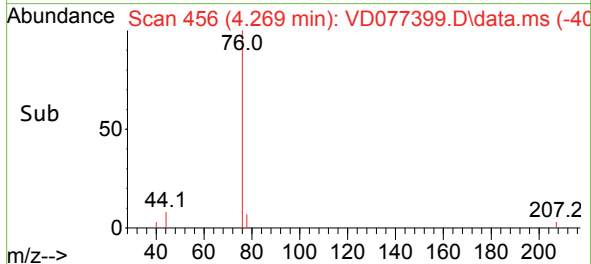
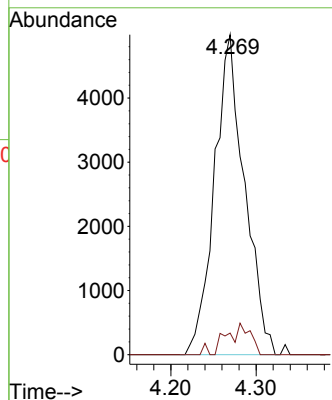
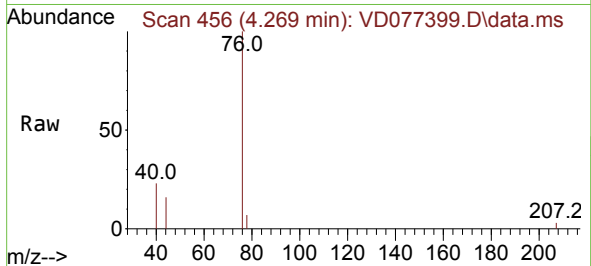




#17
Carbon Disulfide
Concen: 3.024 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

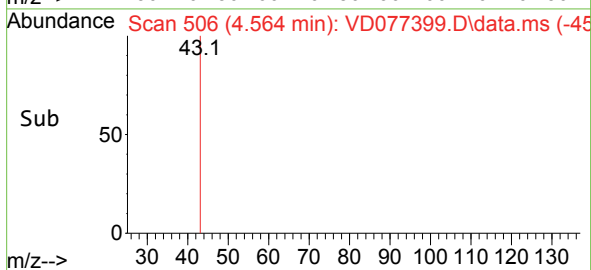
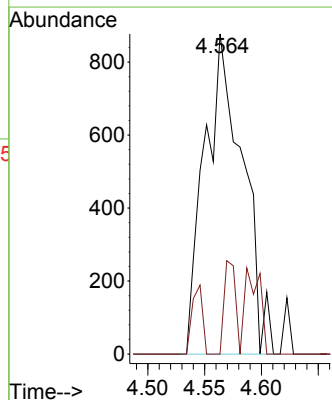
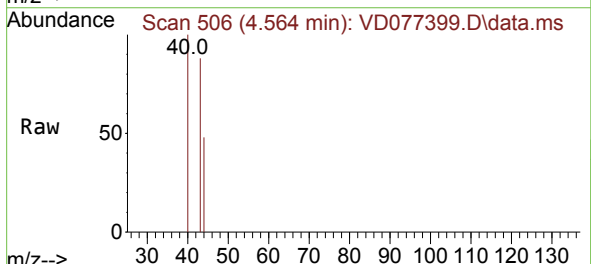
Instrument :
MSVOA_D
ClientSampleId :

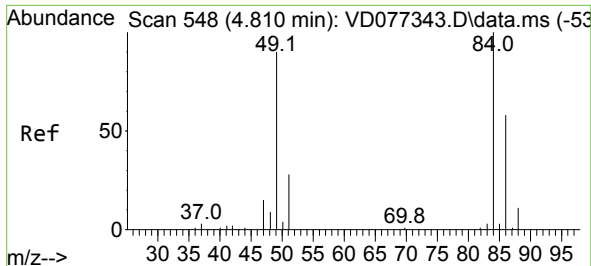
Tgt Ion: 76 Resp: 12250
Ion Ratio Lower Upper
76 100
78 6.8 6.8 10.2#



#18
Methyl Acetate
Concen: 2.497 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

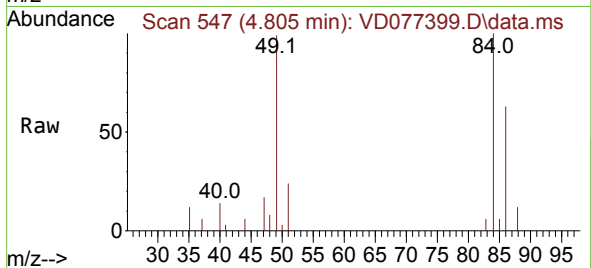
Tgt Ion: 43 Resp: 2037
Ion Ratio Lower Upper
43 100
74 8.6 26.4 39.6#



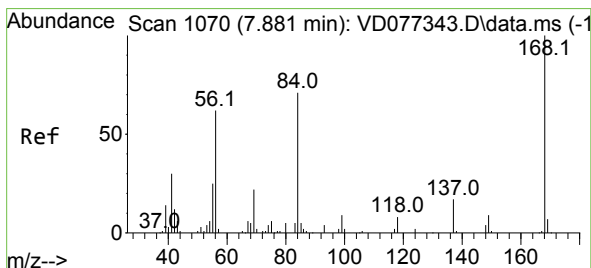
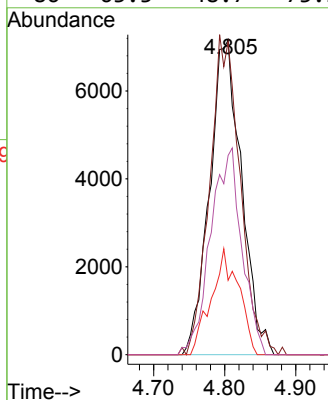
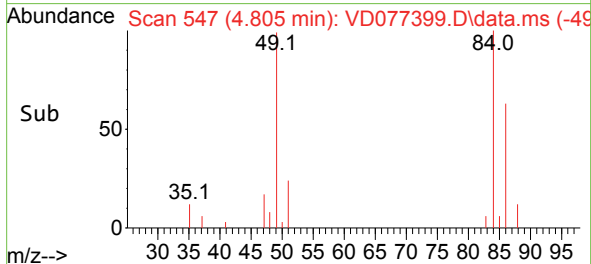


#20
Methylene Chloride
Concen: 12.092 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

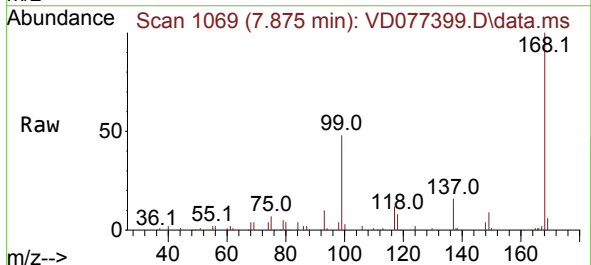
Instrument :
MSVOA_D
ClientSampleId :



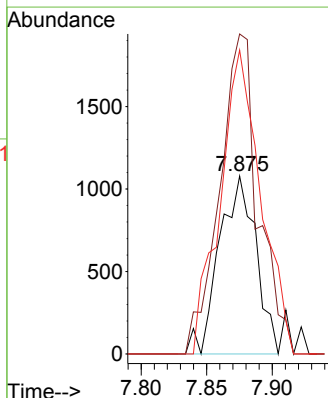
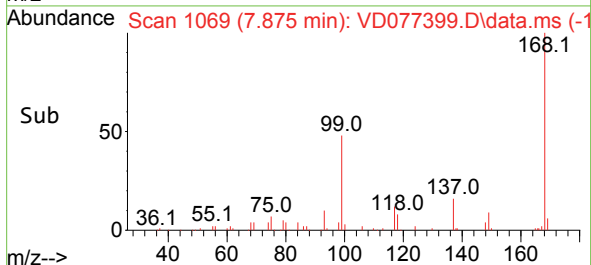
Tgt Ion: 84 Resp: 22283
Ion Ratio Lower Upper
84 100
49 99.4 71.4 107.2
51 23.7 24.5 36.7#
86 63.3 48.7 73.1

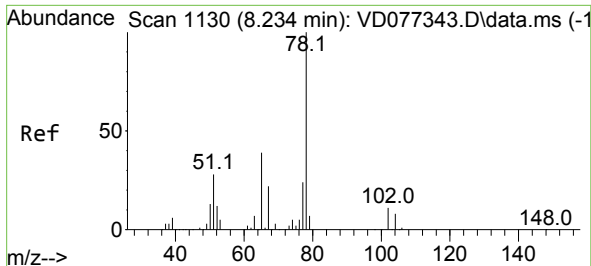


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16



Tgt Ion: 56 Resp: 2092
Ion Ratio Lower Upper
56 100
69 179.8 28.6 43.0#
84 170.7 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 49.574 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077399.D

Acq: 24 Oct 2023 17:16

Instrument :

MSVOA_D

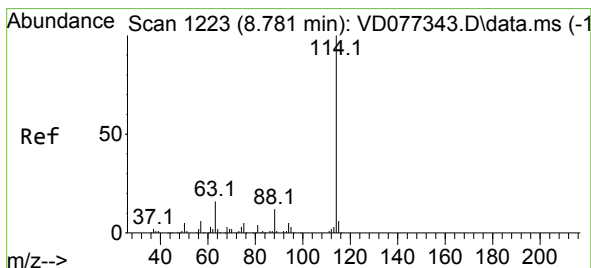
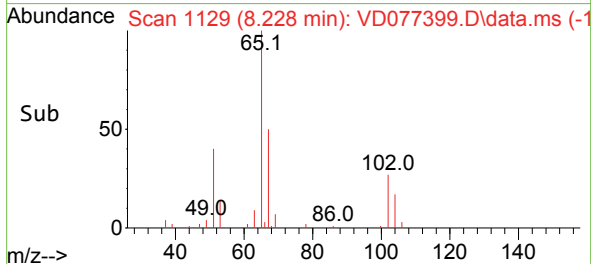
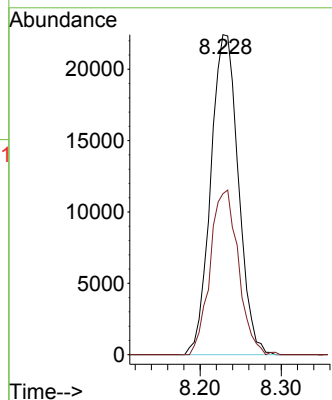
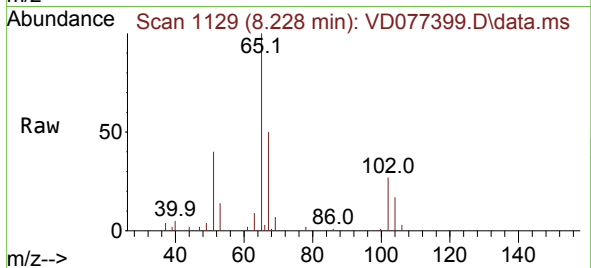
ClientSampleId :

Tgt Ion: 65 Resp: 52984

Ion Ratio Lower Upper

65 100

67 52.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077399.D

Acq: 24 Oct 2023 17:16

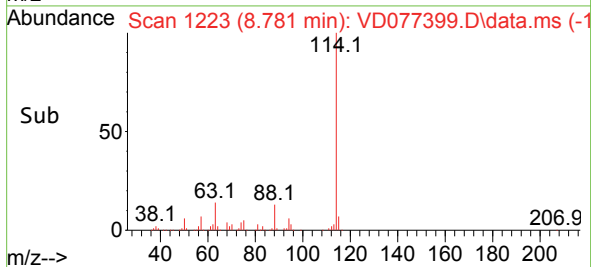
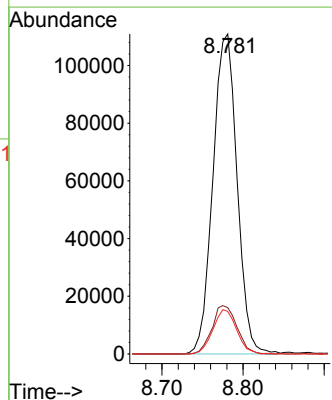
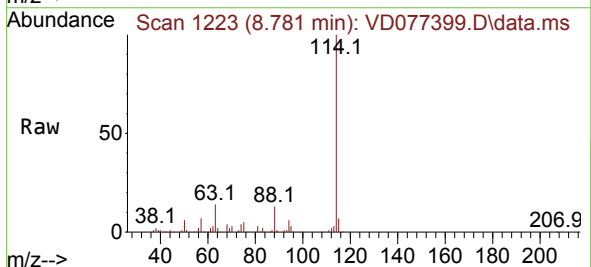
Tgt Ion:114 Resp: 229425

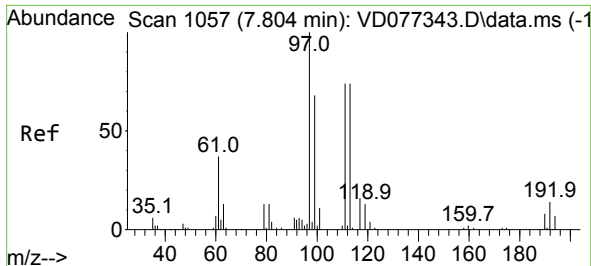
Ion Ratio Lower Upper

114 100

63 14.5 0.0 33.4

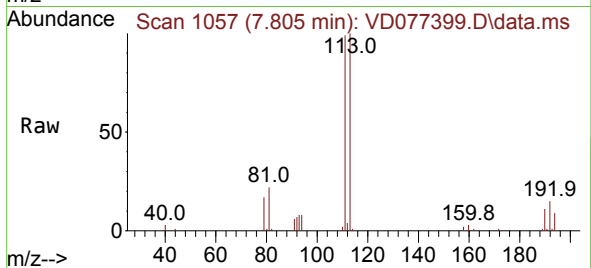
88 13.3 0.0 26.2



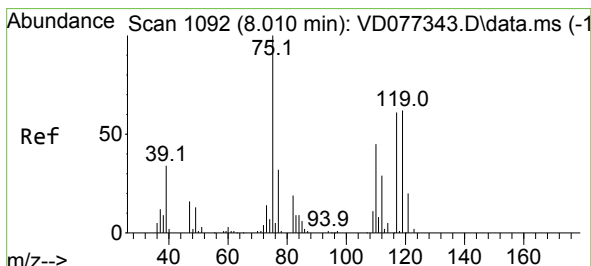
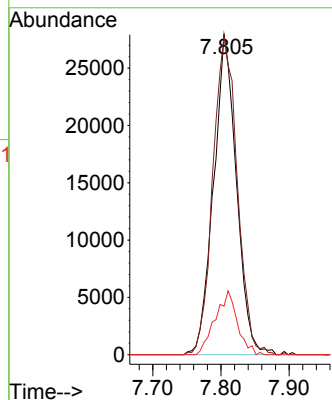
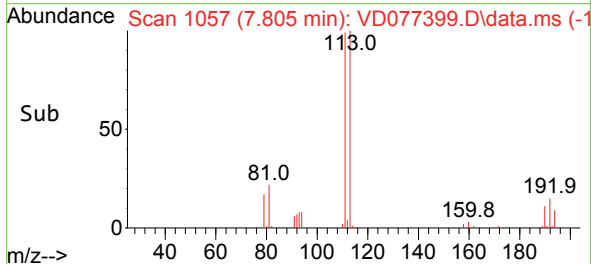


#35
Dibromofluoromethane
Concen: 40.556 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

Instrument :
MSVOA_D
ClientSampleId :

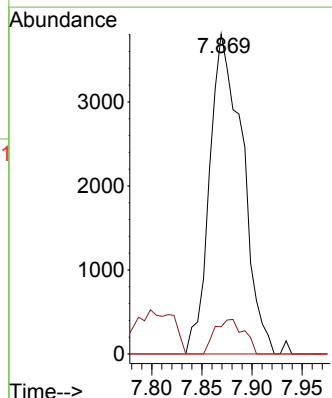
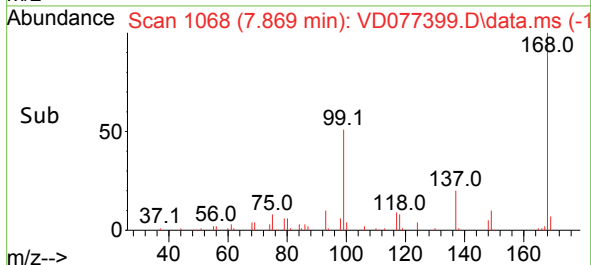
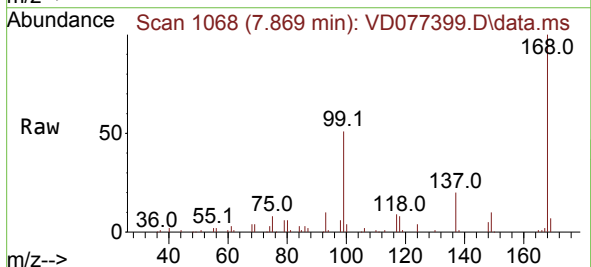


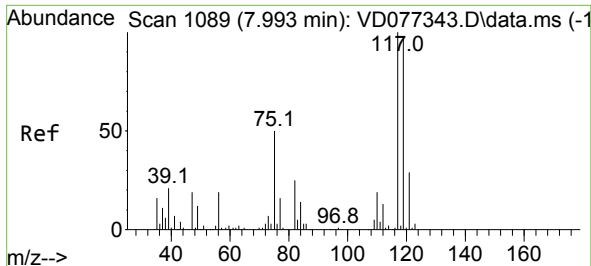
Tgt Ion:113 Resp: 65368
Ion Ratio Lower Upper
113 100
111 105.7 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.114 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

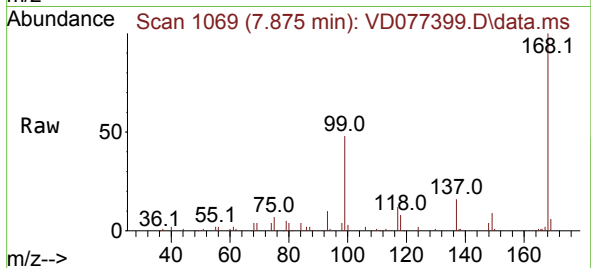
Tgt Ion: 75 Resp: 8712
Ion Ratio Lower Upper
75 100
110 9.5 19.9 59.6#
77 0.0 24.7 37.1#



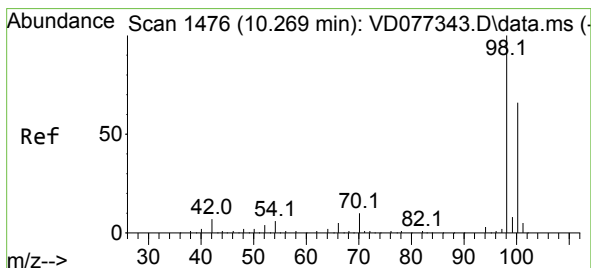
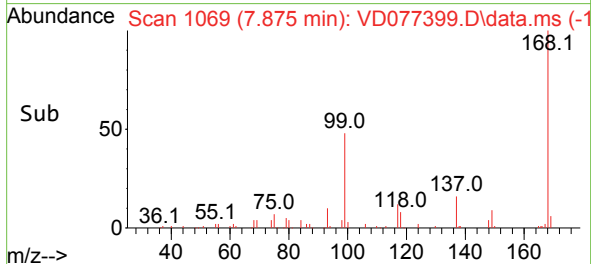
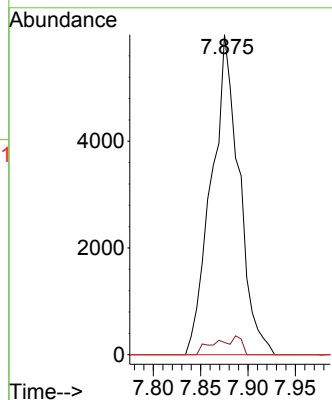


#38
Carbon Tetrachloride
Concen: 5.182 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

Instrument :
MSVOA_D
ClientSampleId :

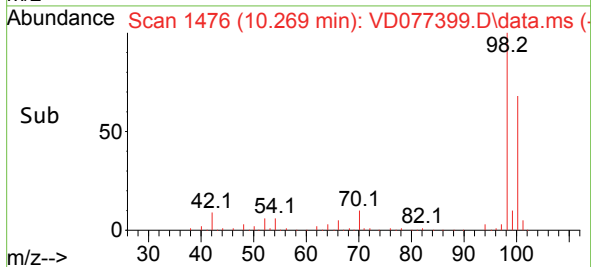
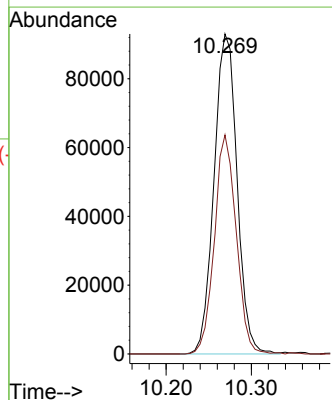
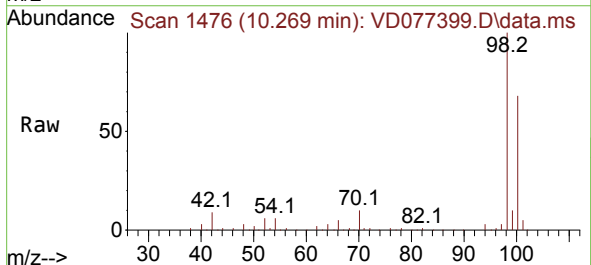


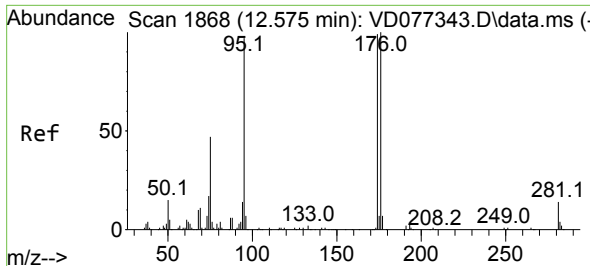
Tgt Ion:117 Resp: 12210
Ion Ratio Lower Upper
117 100
119 3.8 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 30.252 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

Tgt Ion: 98 Resp: 174624
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

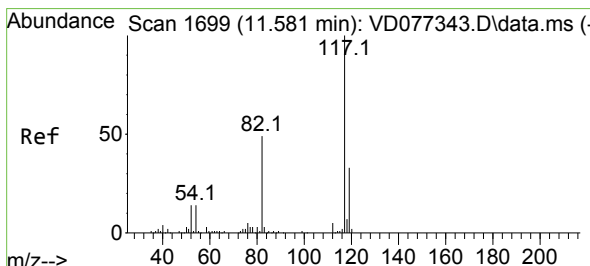
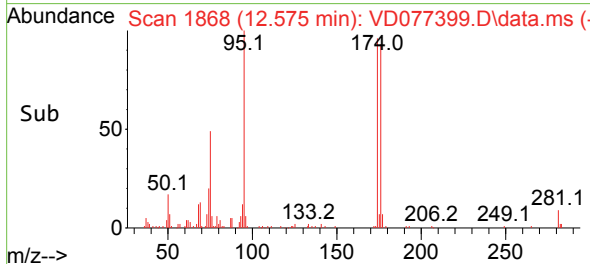
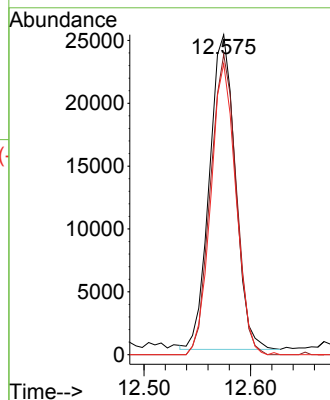
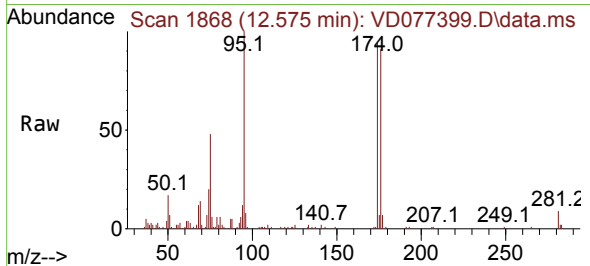




#62
4-Bromofluorobenzene
Concen: 25.396 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

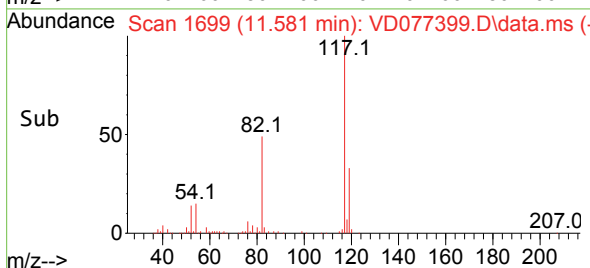
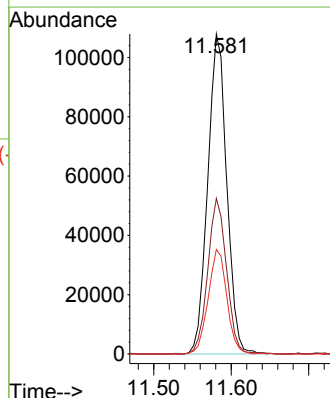
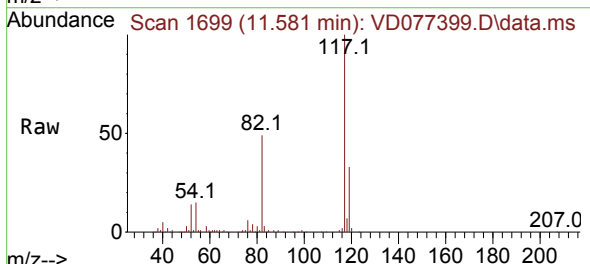
Instrument :
MSVOA_D
ClientSampleId :

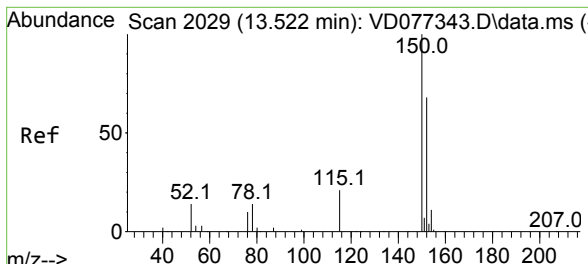
Tgt Ion:	95	Resp:	42199
Ion Ratio	Lower	Upper	
95	100		
174	94.8	0.0	201.8
176	89.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

Tgt Ion:	117	Resp:	183561
Ion Ratio	Lower	Upper	
117	100		
82	48.6	38.3	57.5
119	32.7	25.0	37.4



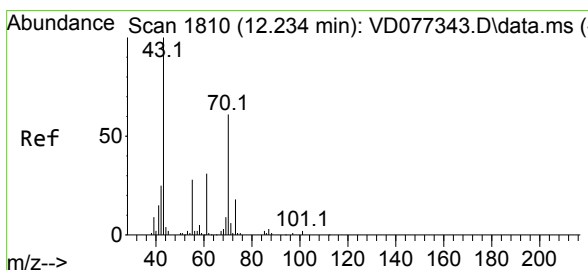
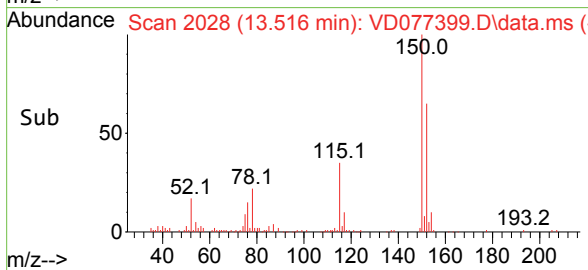
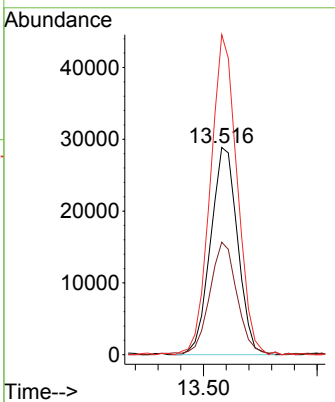
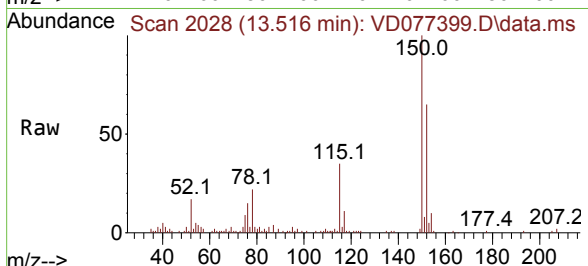


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:152 Resp: 47737

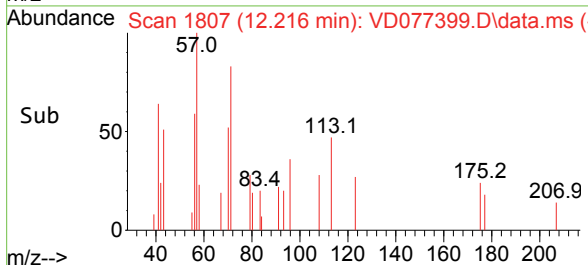
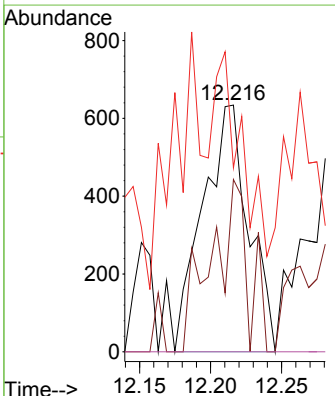
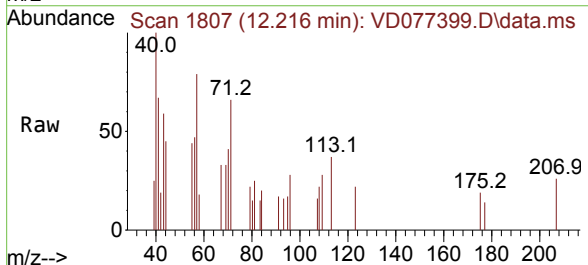
Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.1	81.3
150	153.1	0.0	353.6

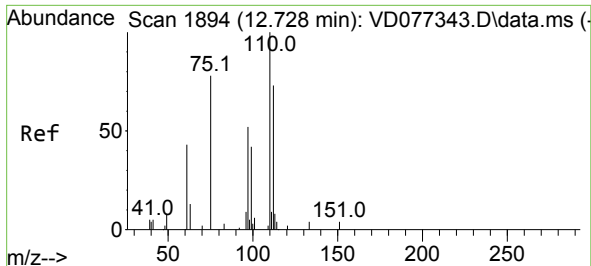


#74
 N-amy1 acetate
 Concen: 3.135 ug/l
 RT: 12.216 min Scan# 1807
 Delta R.T. -0.018 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

Tgt Ion: 43 Resp: 1424

Ion	Ratio	Lower	Upper
43	100		
70	55.8	45.0	67.4
55	46.0	23.8	35.6#
61	0.0	22.1	33.1#

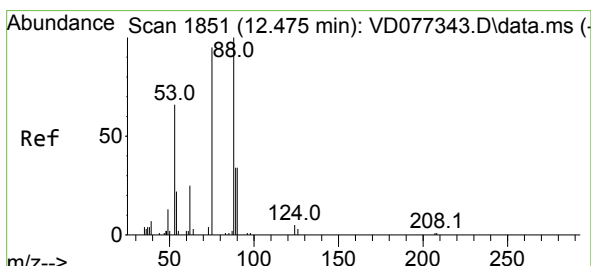
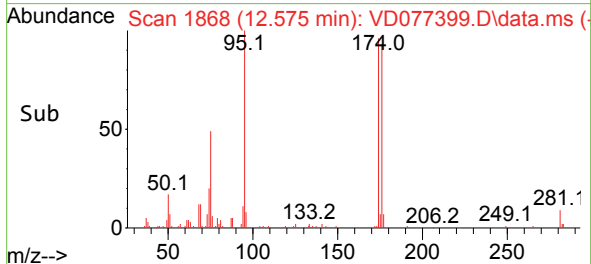
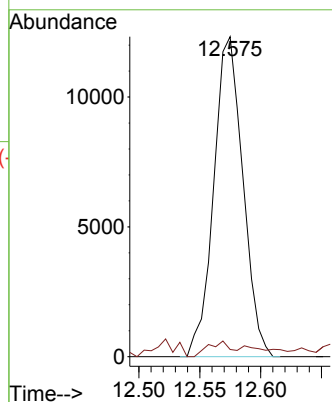
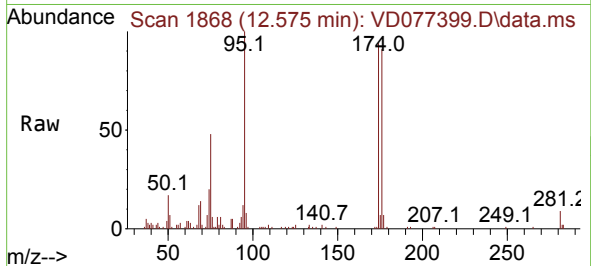




#76
 1,2,3-Trichloropropane
 Concen: 32.653 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

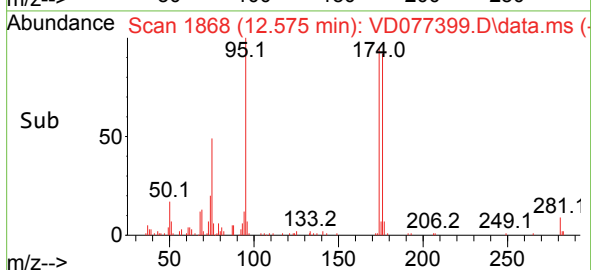
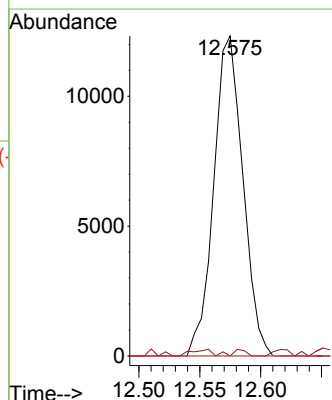
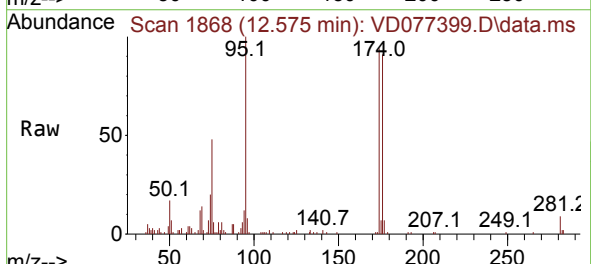
Instrument :
 MSVOA_D
 ClientSampleId :

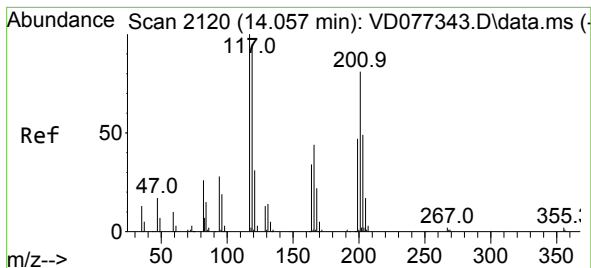
Tgt Ion: 75 Resp: 20510
 Ion Ratio Lower Upper
 75 100
 77 3.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.125 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.100 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

Tgt Ion: 75 Resp: 20510
 Ion Ratio Lower Upper
 75 100
 53 0.8 63.0 94.4#
 89 0.0 37.9 56.9#





#90

Hexachloroethane

Concen: 1.908 ug/l

RT: 14.069 min Scan# 2120

Delta R.T. 0.012 min

Lab File: VD077399.D

Acq: 24 Oct 2023 17:16

Instrument :

MSVOA_D

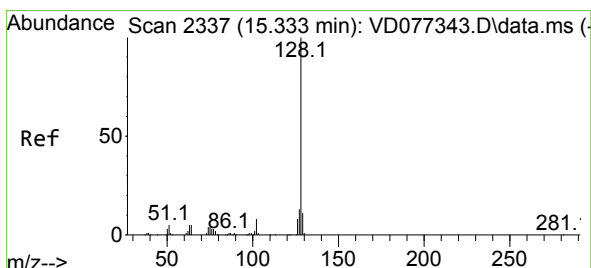
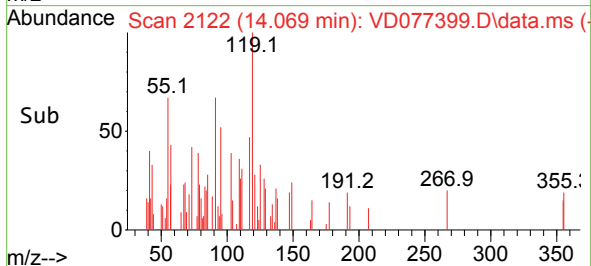
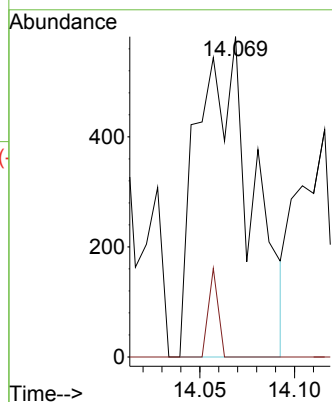
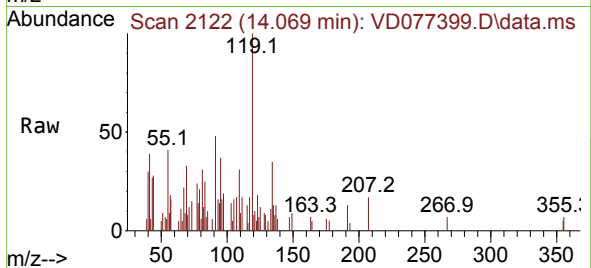
ClientSampleId :

Tgt Ion:117 Resp: 1165

Ion Ratio Lower Upper

117 100

201 4.9 38.5 115.5#



#95

Naphthalene

Concen: 6.178 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077399.D

Acq: 24 Oct 2023 17:16

Tgt Ion:128 Resp: 9578

Ion Ratio Lower Upper

128 100

127 11.4 10.5 15.7

129 7.3 8.7 13.1#

