

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076298.D
 Acq On : 31 May 2023 21:55
 Operator : KP/SY
 Sample : 02985-02
 Misc : 14.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PLYMOUTH-XRDS-001

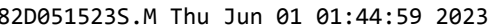
Quant Time: Jun 01 01:44:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

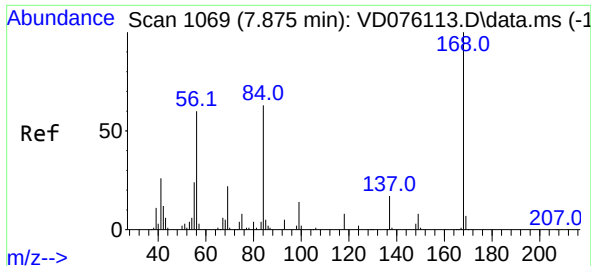
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	135930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	277790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107933	82.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.320%#	
35) Dibromofluoromethane	7.805	113	132970	69.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.500%	
50) Toluene-d8	10.269	98	237271	31.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 63.400%	
62) 4-Bromofluorobenzene	12.575	95	83296	40.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	513	Below Cal	#	86
17) Carbon Disulfide	4.269	76	62	Below Cal	#	73
18) Methyl Acetate	4.558	43	1112	1.193	ug/l #	79
20) Methylene Chloride	4.787	84	16027	Below Cal	#	66
31) Cyclohexane	7.869	56	2590	1.287	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	10312	3.976	ug/l #	49
38) Carbon Tetrachloride	7.875	117	12629	5.392	ug/l #	20
44) Trichloroethene	9.022	130	2487	1.058	ug/l	91
76) 1,2,3-Trichloropropane	12.575	75	40754	75.226	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40754	157.811	ug/l #	5

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

Quant Time: Jun 01 01:44:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

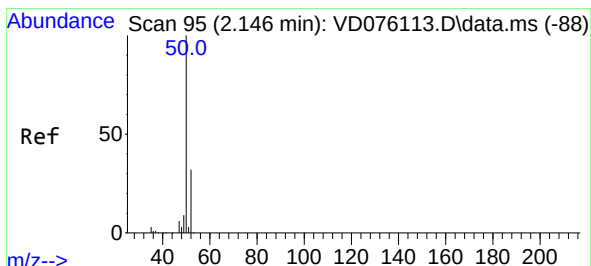
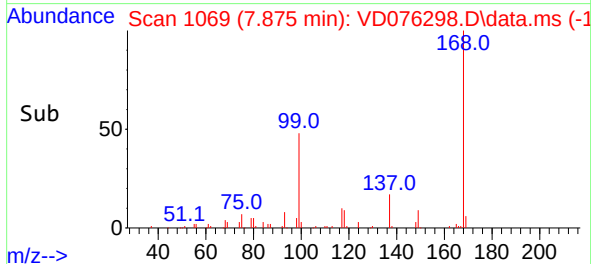
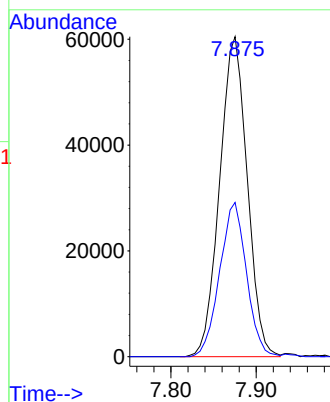
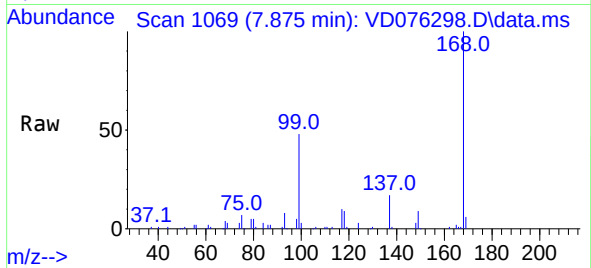




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

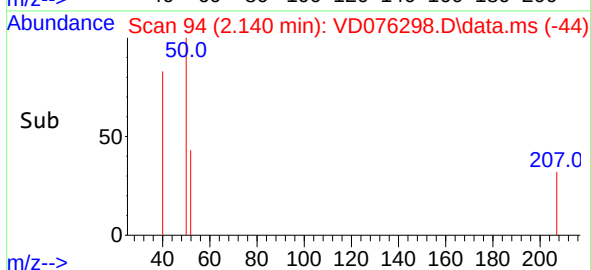
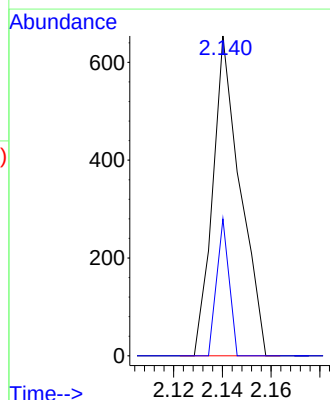
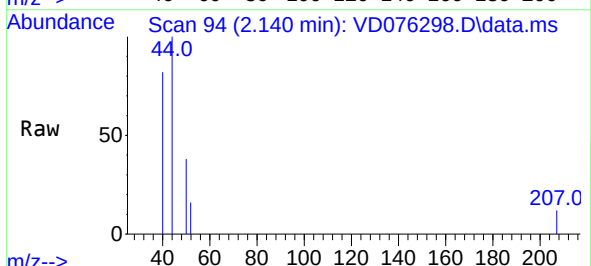
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

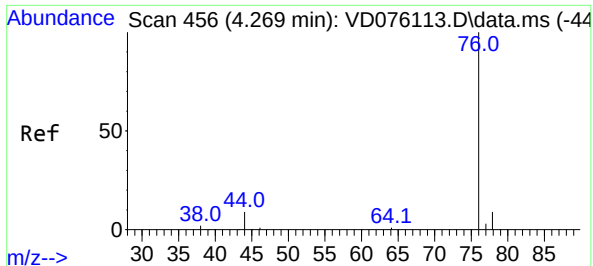
Tgt Ion:168 Resp: 135930
Ion Ratio Lower Upper
168 100
99 48.2 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 42.8 27.8 41.8#

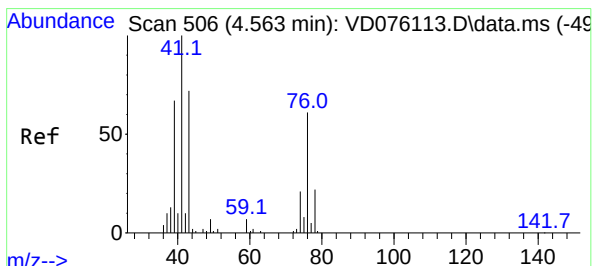
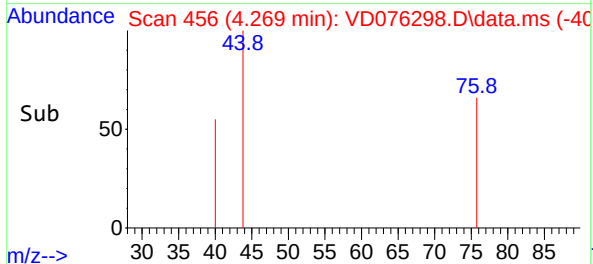
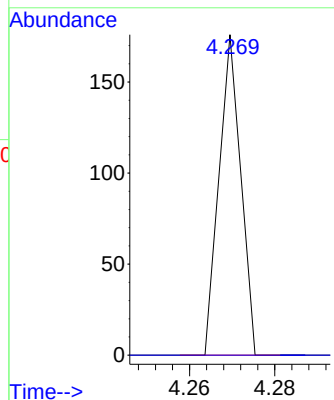
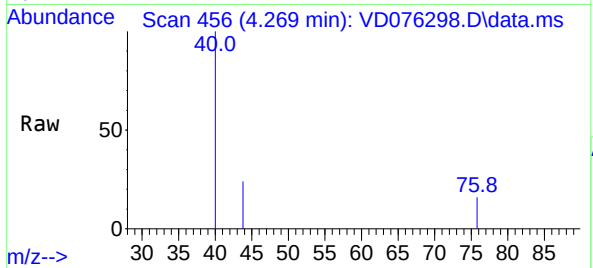




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

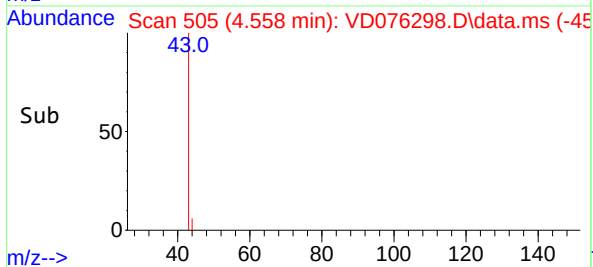
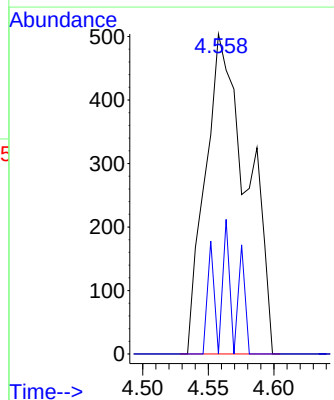
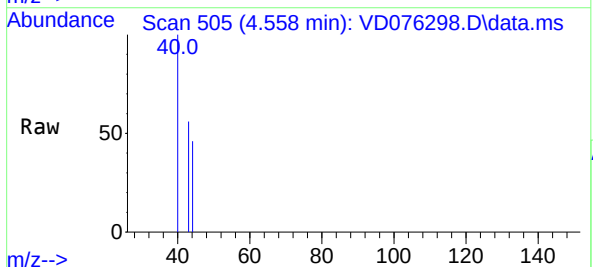
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ClientSampleId :
PLYMOUTH-XRDS-001

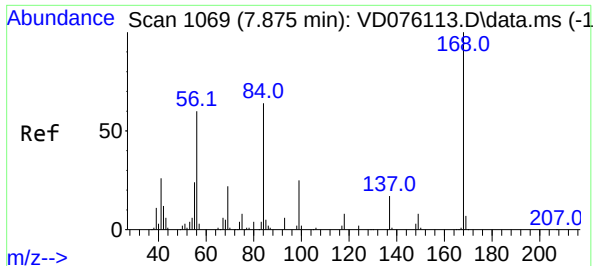
Tgt Ion: 76 Resp: 62
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#18
Methyl Acetate
Concen: 1.193 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
74 12.1 17.8 26.6#

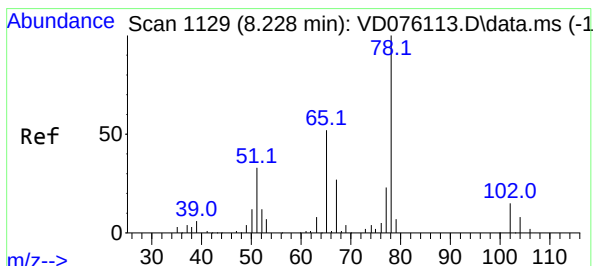
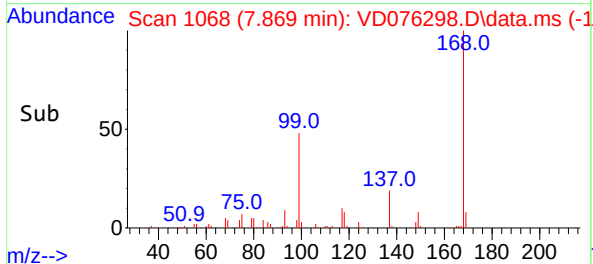
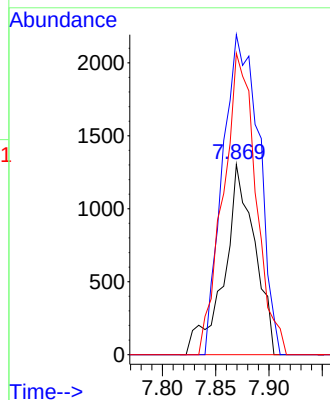
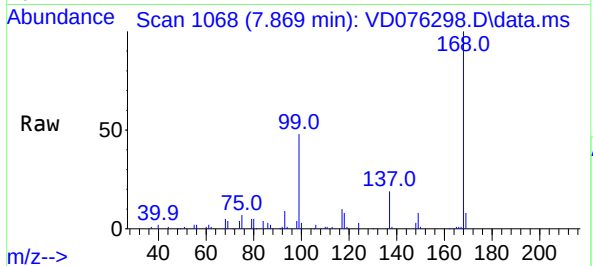




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

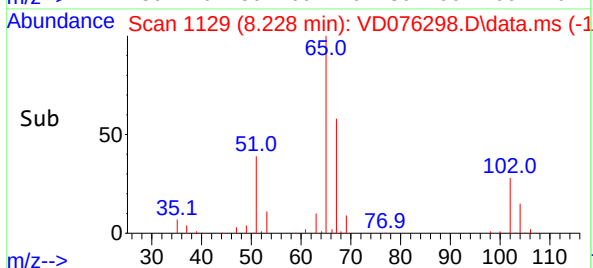
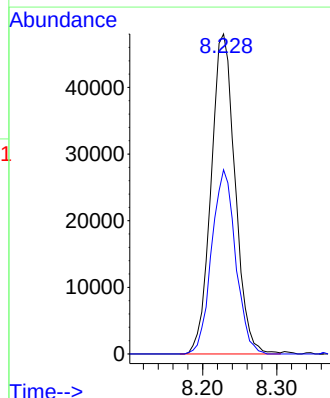
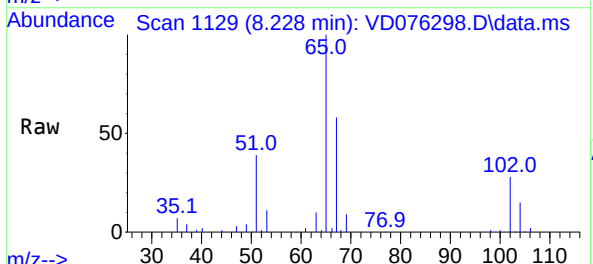
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

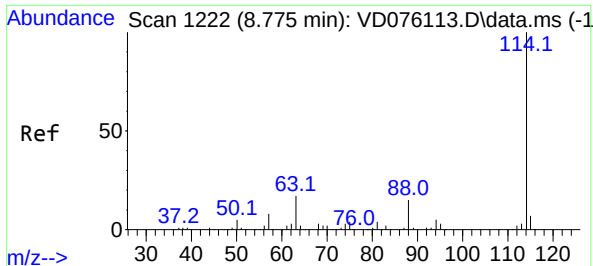
Tgt Ion: 56 Resp: 2590
Ion Ratio Lower Upper
56 100
69 168.2 25.5 38.3#
84 158.4 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 82.158 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

Tgt Ion: 65 Resp: 107933
Ion Ratio Lower Upper
65 100
67 57.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076298.D

Acq: 31 May 2023 21:55

Instrument :

MSVOA_D

ClientSampleId :

PLYMOUTH-XRDS-001

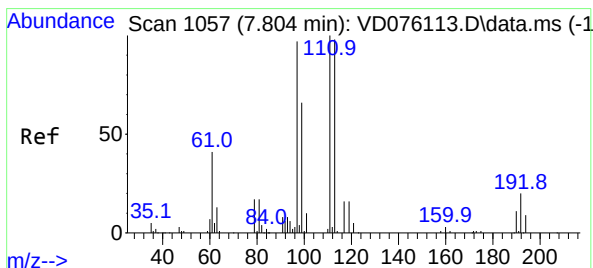
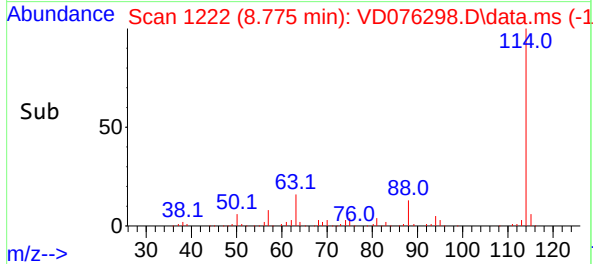
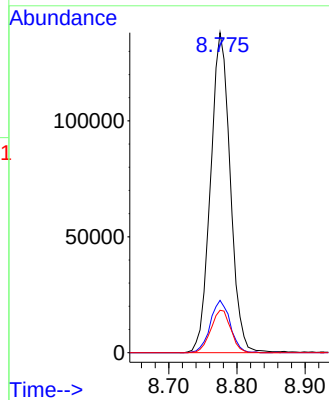
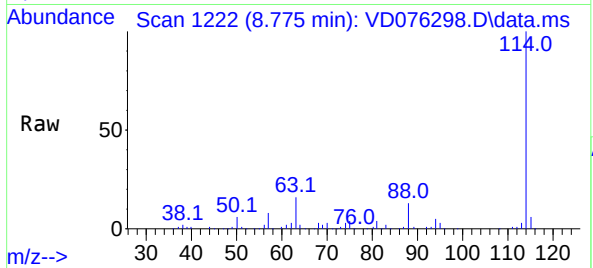
Tgt Ion:114 Resp: 277790

Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 69.250 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076298.D

Acq: 31 May 2023 21:55

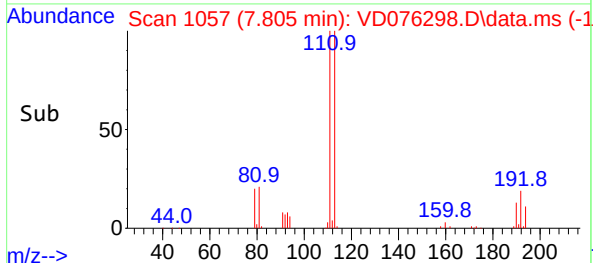
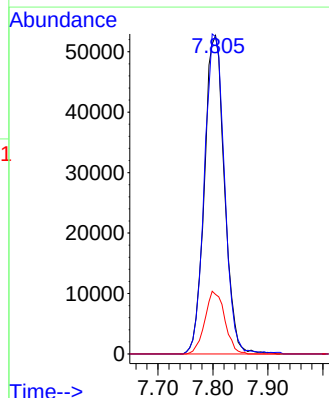
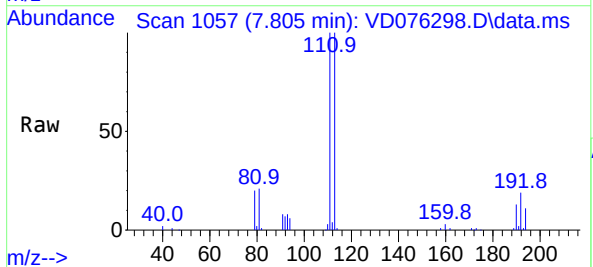
Tgt Ion:113 Resp: 132970

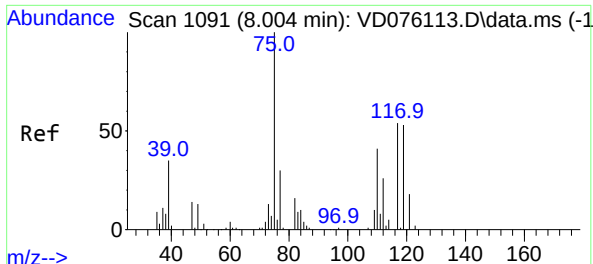
Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

192 19.6 15.2 22.8

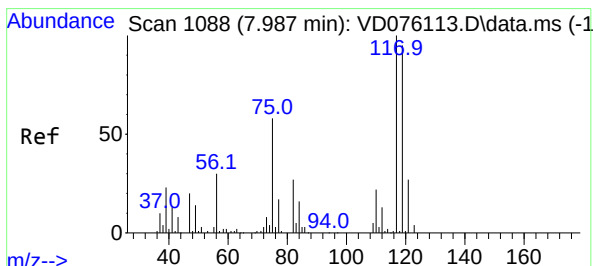
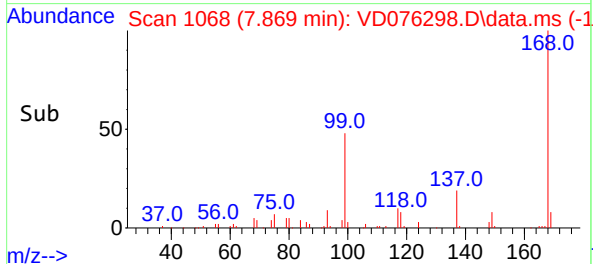
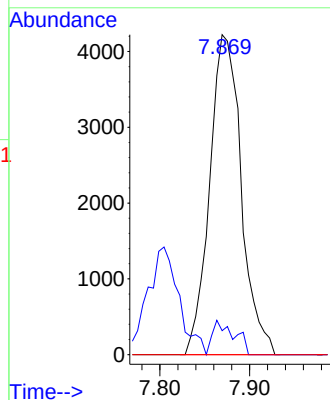
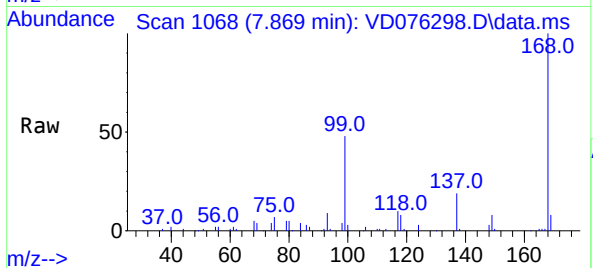




#36
1,1-Dichloropropene
Concen: 3.976 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

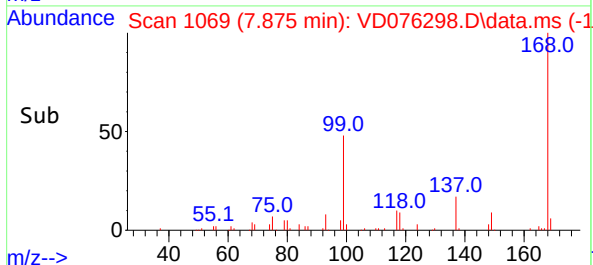
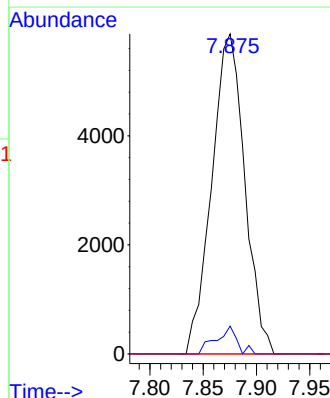
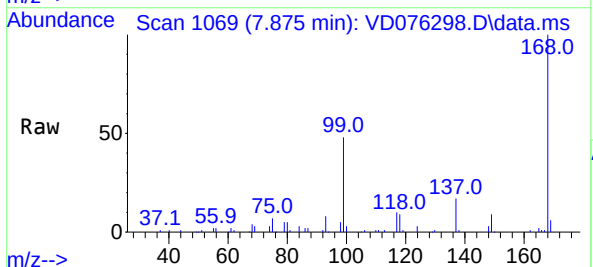
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

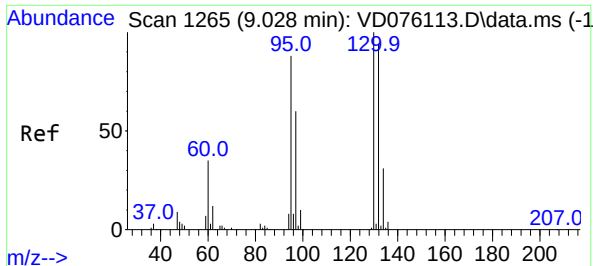
Tgt Ion: 75 Resp: 10312
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

Tgt Ion: 117 Resp: 12629
Ion Ratio Lower Upper
117 100
119 8.7 74.7 112.1#
121 0.0 25.9 38.9#





#44

Trichloroethene

Concen: 1.058 ug/l

RT: 9.022 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD076298.D

Acq: 31 May 2023 21:55

Instrument :

MSVOA_D

ClientSampleId :

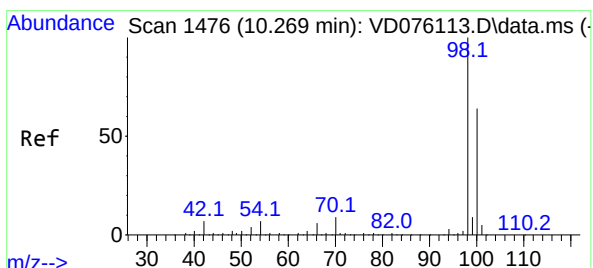
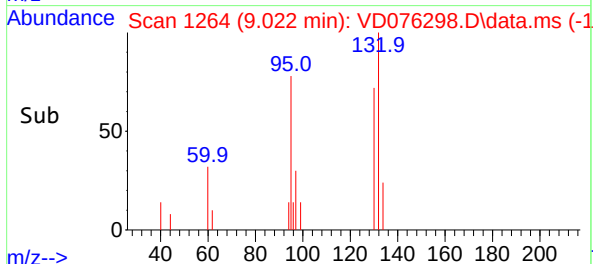
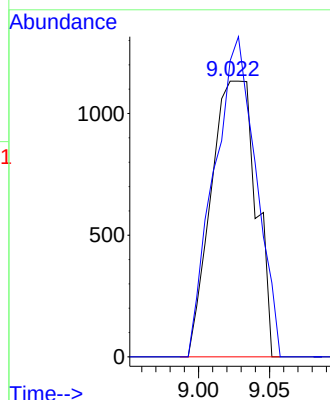
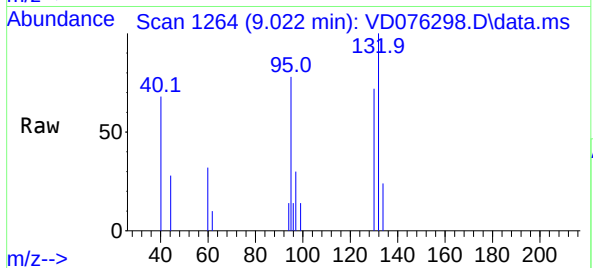
PLYMOUTH-XRDS-001

Tgt Ion:130 Resp: 2487

Ion Ratio Lower Upper

130 100

95 107.4 0.0 197.6



#50

Toluene-d8

Concen: 31.699 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076298.D

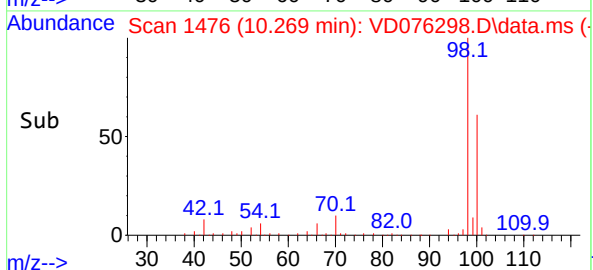
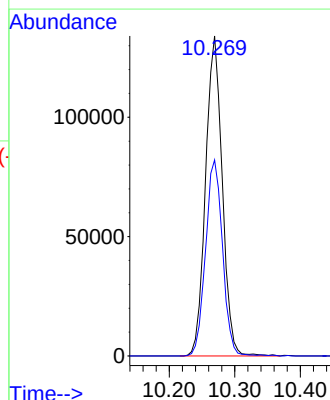
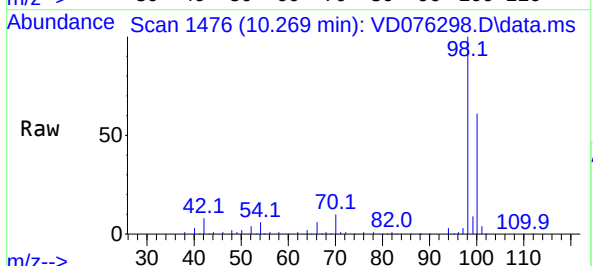
Acq: 31 May 2023 21:55

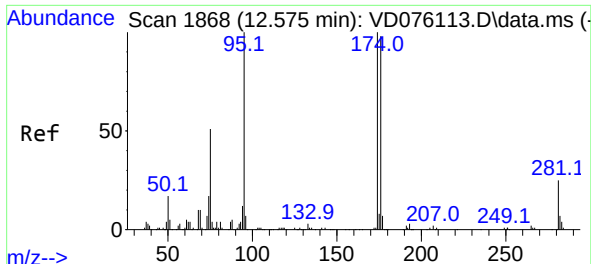
Tgt Ion: 98 Resp: 237271

Ion Ratio Lower Upper

98 100

100 62.2 52.1 78.1

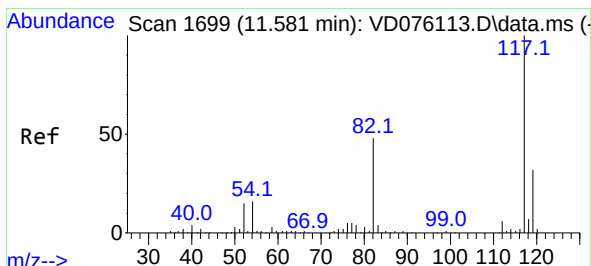
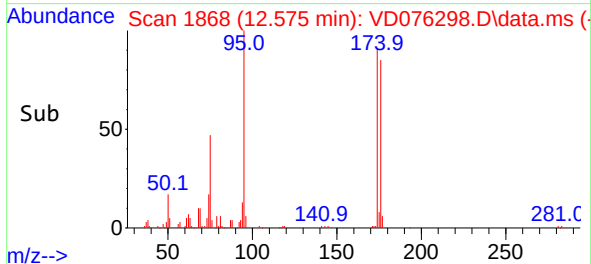
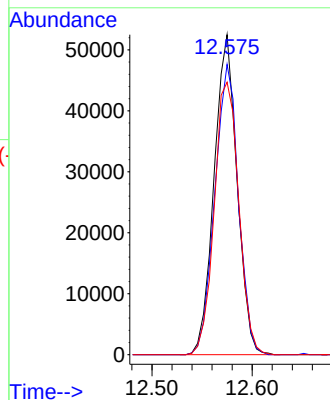
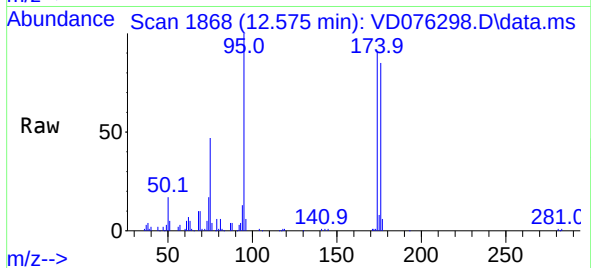




#62
4-Bromofluorobenzene
Concen: 40.060 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

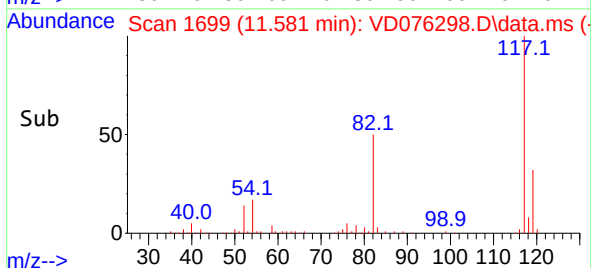
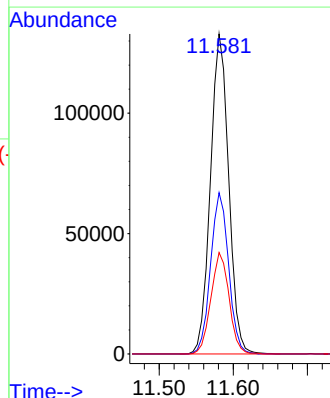
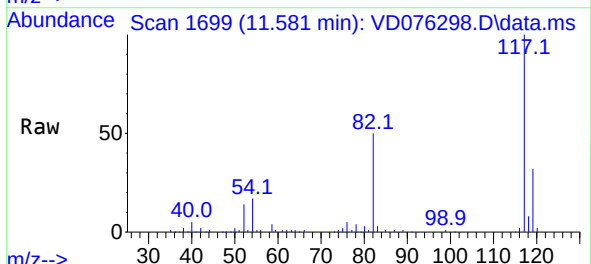
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

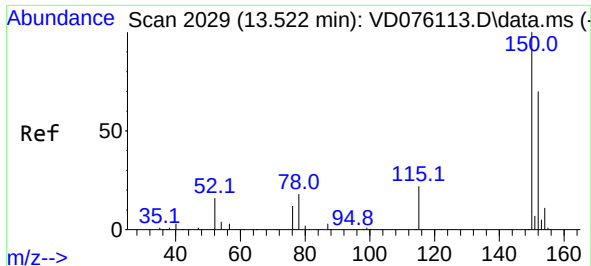
Tgt Ion:	95	Resp:	83296
Ion Ratio	Lower	Upper	
95	100		
174	93.4	0.0	164.0
176	91.1	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

Tgt Ion:	117	Resp:	227287
Ion Ratio	Lower	Upper	
117	100		
82	50.4	44.0	66.0
119	31.7	25.1	37.7

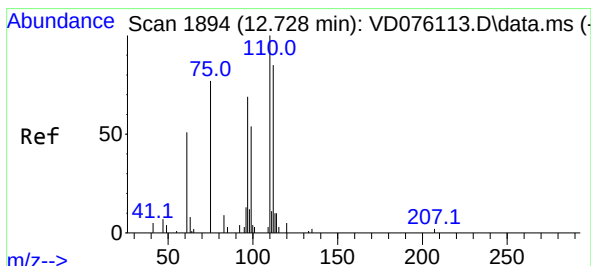
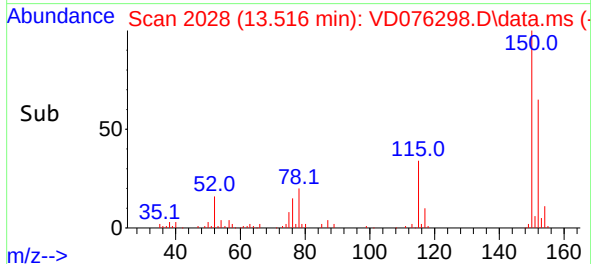
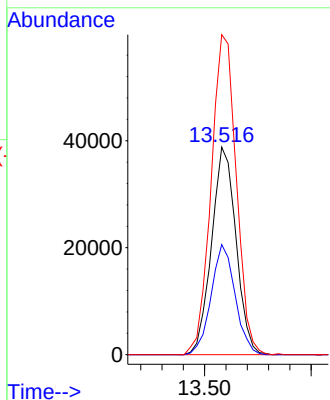
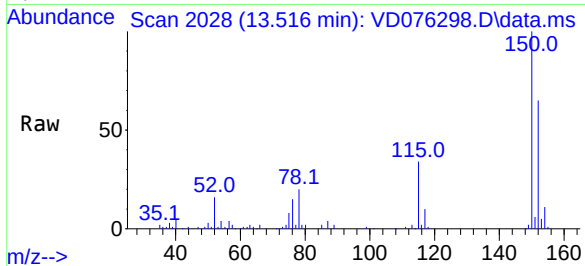




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

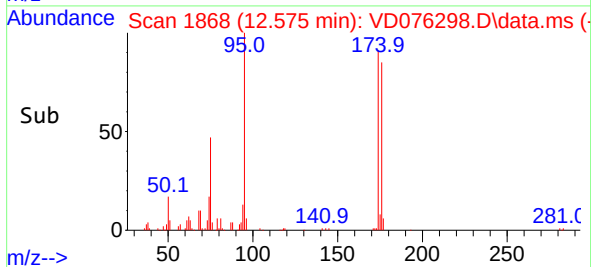
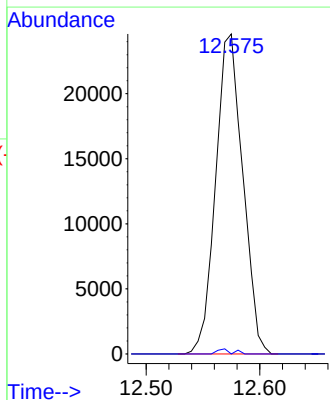
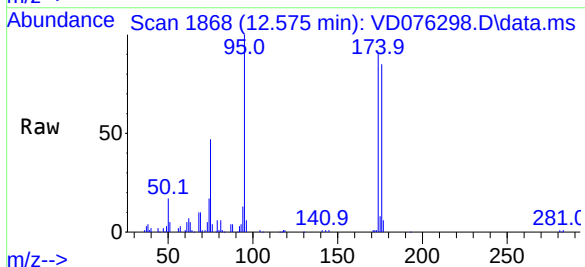
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

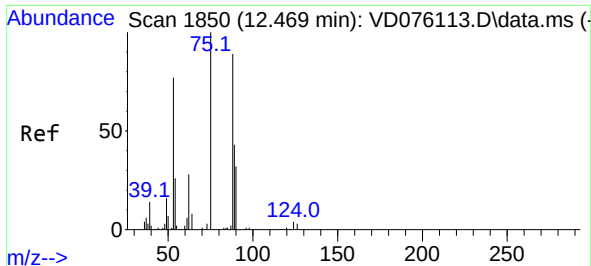
Tgt Ion:152 Resp: 61909
Ion Ratio Lower Upper
152 100
115 52.0 30.1 90.3
150 158.3 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 75.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

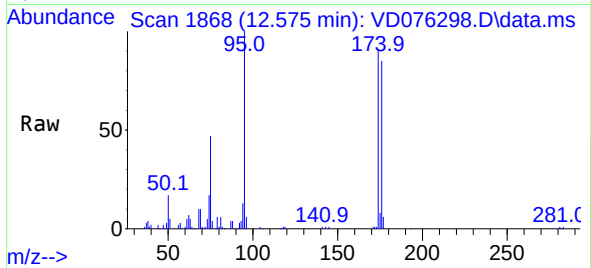
Tgt Ion: 75 Resp: 40754
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.811 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076298.D
 Acq: 31 May 2023 21:55

Instrument :
 MSVOA_D
 ClientSampleId :
 PLYMOUTH-XRDS-001



Tgt Ion:	75	Resp:	40754
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

