

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054296.D
 Acq On : 26 May 2023 19:23
 Operator : JC/MD
 Sample : 02936-17 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 29BR-20230524

Quant Time: May 30 00:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

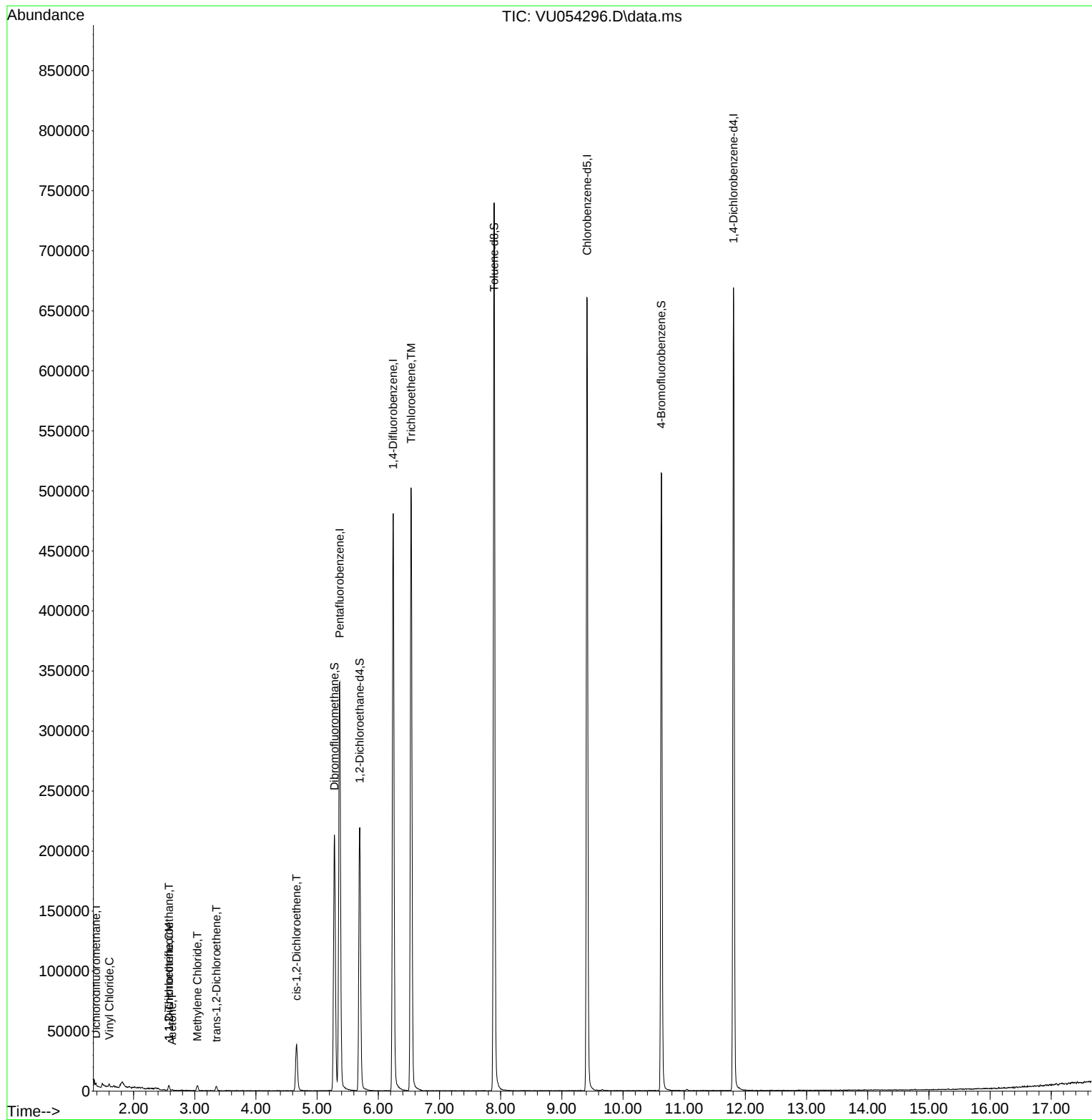
Internal Standards						
1) Pentafluorobenzene	5.369	168	248269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	400603	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	376671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	186526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	165643	50.896	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.800%		
35) Dibromofluoromethane	5.282	113	136558	52.934	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.860%		
50) Toluene-d8	7.893	98	495567	50.503	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.000%		
62) 4-Bromofluorobenzene	10.626	95	172707	45.392	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1645	0.594	ug/l	83
4) Vinyl Chloride	1.604	62	1743	0.503	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.578	101	1088	0.422	ug/l	92
12) 1,1-Dichloroethene	2.578	96	636	0.238	ug/l	90
16) Acetone	2.629	43	663	0.355	ug/l #	88
20) Methylene Chloride	3.041	84	2335	0.694	ug/l	85
21) trans-1,2-Dichloroethene	3.356	96	1534	0.537	ug/l #	88
27) cis-1,2-Dichloroethene	4.665	96	21222	6.672	ug/l	95
44) Trichloroethene	6.536	130	175220	54.233	ug/l	93

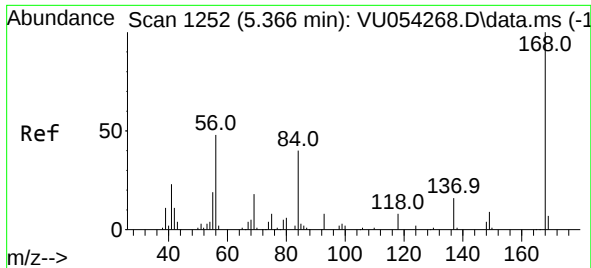
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
Data File : VU054296.D
Acq On : 26 May 2023 19:23
Operator : JC/MD
Sample : 02936-17 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
29BR-20230524

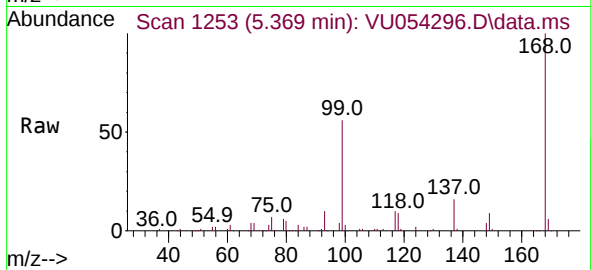
Quant Time: May 30 00:05:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration



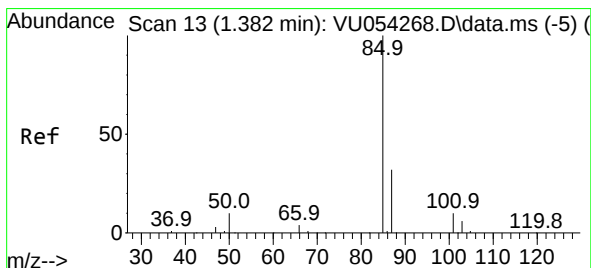
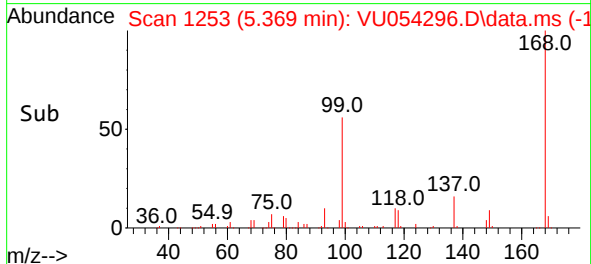
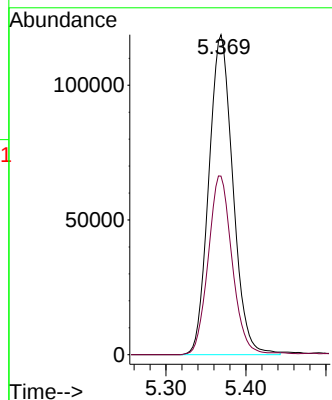


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

Instrument :
MSVOA_U
ClientSampleId :
29BR-20230524

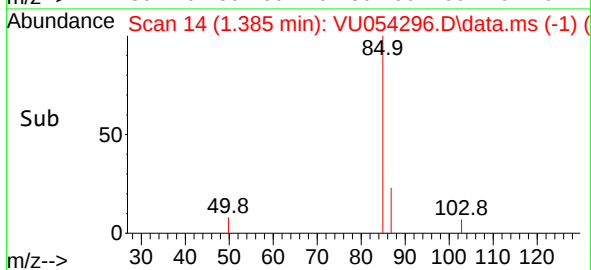
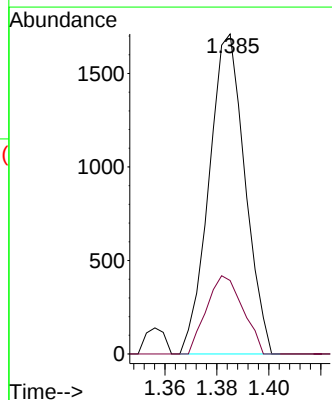
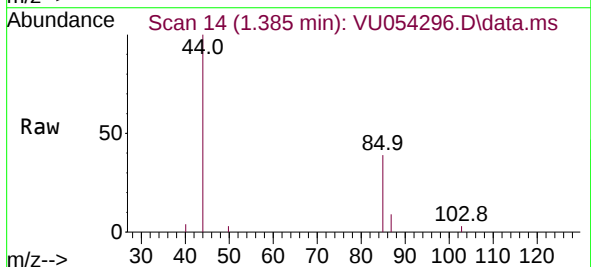


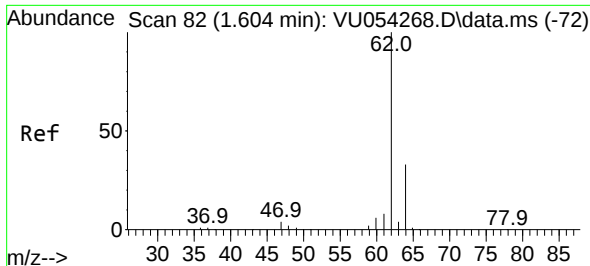
Tgt Ion:168 Resp: 248269
Ion Ratio Lower Upper
168 100
99 55.8 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.594 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

Tgt Ion: 85 Resp: 1645
Ion Ratio Lower Upper
85 100
87 23.0 16.4 49.2

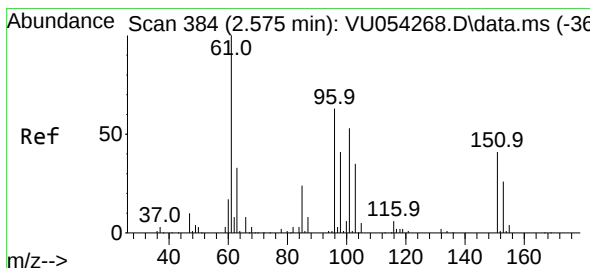
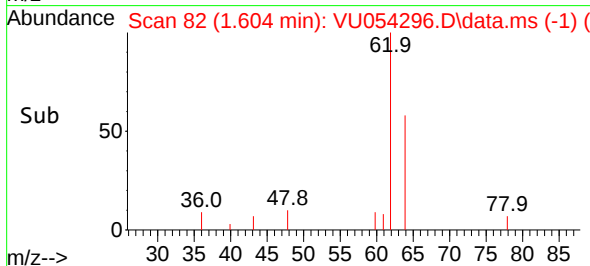
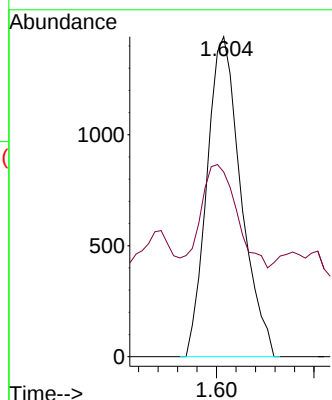
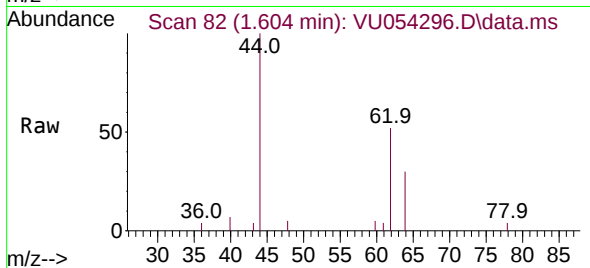




#4
 Vinyl Chloride
 Concen: 0.503 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU054296.D
 Acq: 26 May 2023 19:23

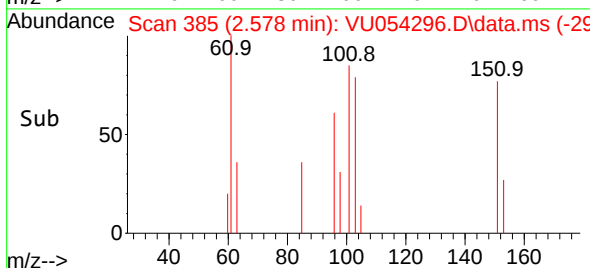
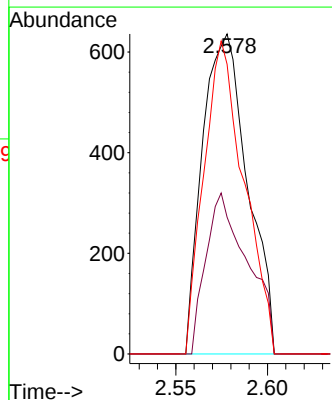
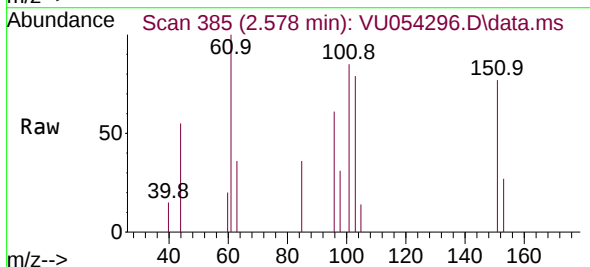
Instrument :
 MSVOA_U
 ClientSampleId :
 29BR-20230524

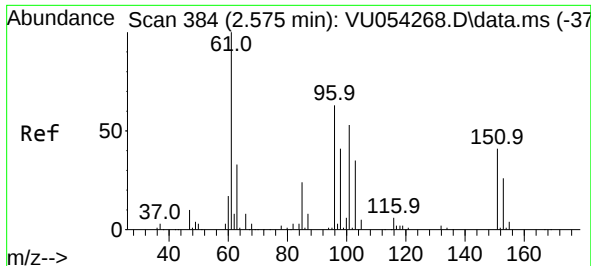
Tgt Ion: 62 Resp: 1743
 Ion Ratio Lower Upper
 62 100
 64 26.8 25.3 37.9



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.422 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU054296.D
 Acq: 26 May 2023 19:23

Tgt Ion: 101 Resp: 1088
 Ion Ratio Lower Upper
 101 100
 85 46.6 33.9 50.9
 151 87.1 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.238 ug/l

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU054296.D

Acq: 26 May 2023 19:23

Instrument :

MSVOA_U

ClientSampleId :

29BR-20230524

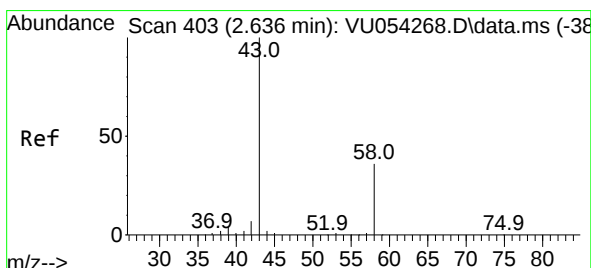
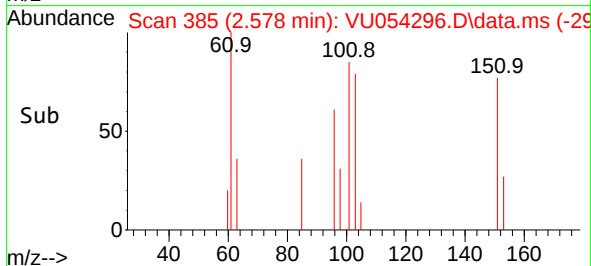
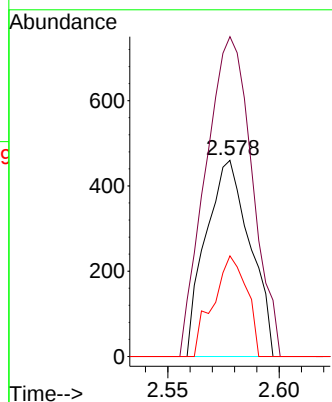
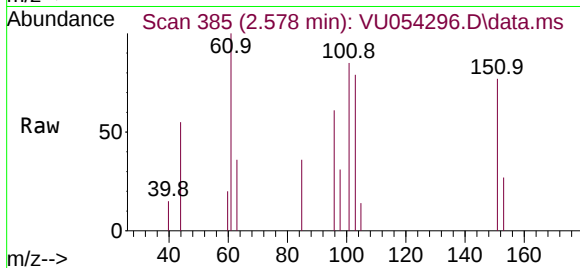
Tgt Ion: 96 Resp: 636

Ion Ratio Lower Upper

96 100

61 163.0 122.2 183.2

98 51.3 50.7 76.1



#16

Acetone

Concen: 0.355 ug/l

RT: 2.629 min Scan# 401

Delta R.T. -0.007 min

Lab File: VU054296.D

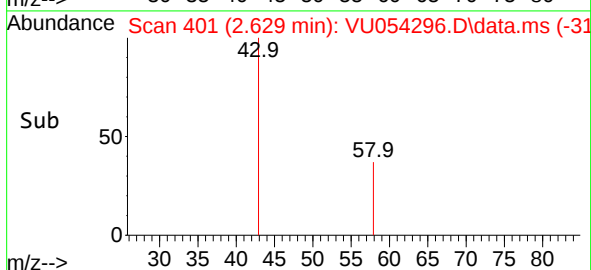
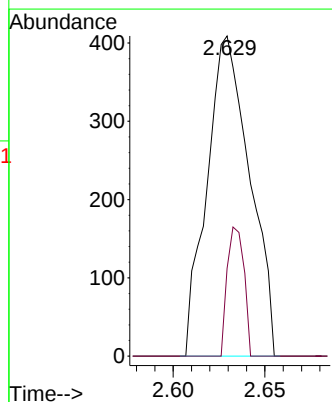
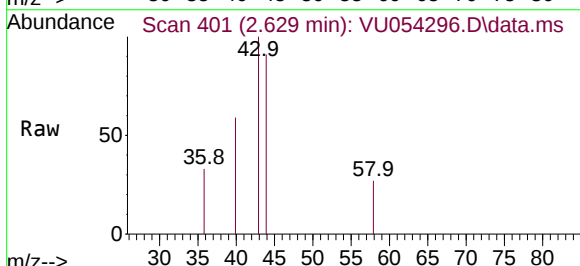
Acq: 26 May 2023 19:23

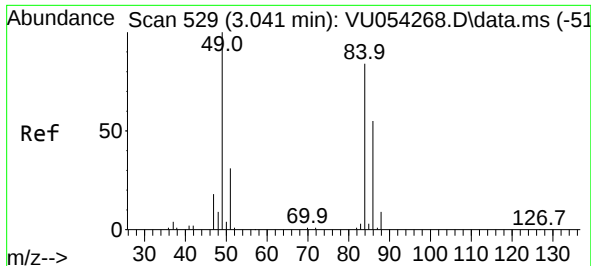
Tgt Ion: 43 Resp: 663

Ion Ratio Lower Upper

43 100

58 27.4 27.5 41.3#

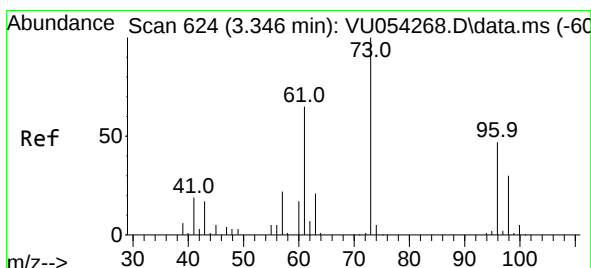
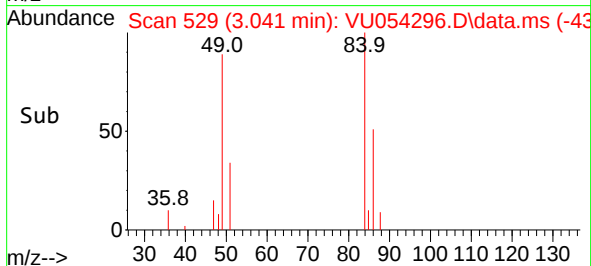
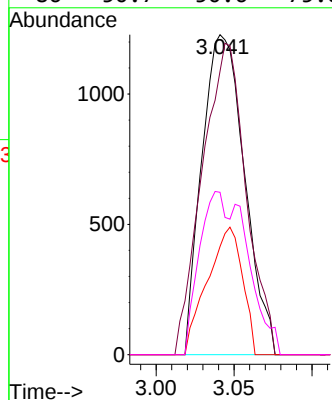
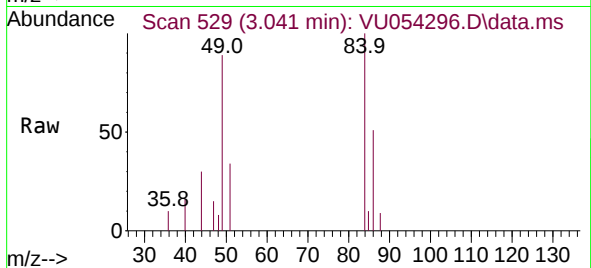




#20
Methylene Chloride
Concen: 0.694 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

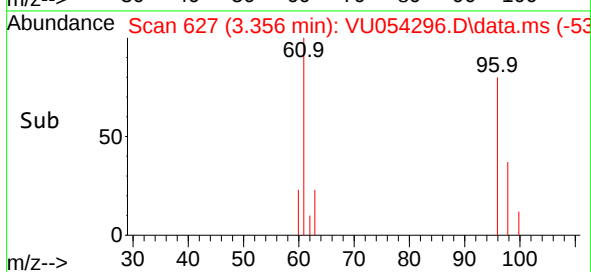
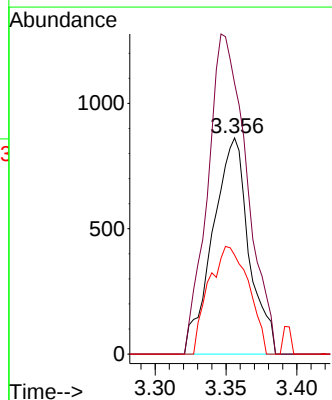
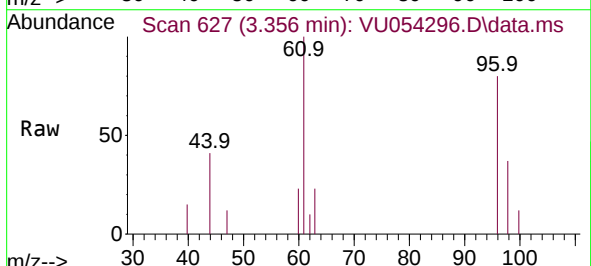
Instrument :
MSVOA_U
ClientSampleId :
29BR-20230524

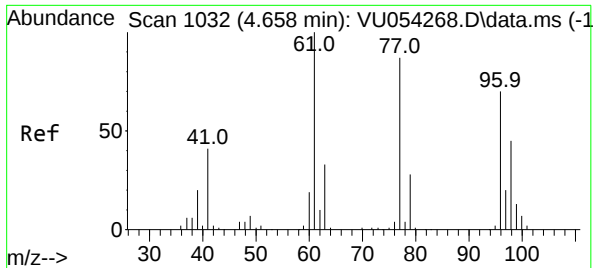
Tgt Ion:	84	Resp:	2335
Ion	Ratio	Lower	Upper
84	100		
49	88.6	86.6	129.8
51	33.8	26.6	40.0
86	50.7	50.6	75.8



#21
trans-1,2-Dichloroethene
Concen: 0.537 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.010 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

Tgt Ion:	96	Resp:	1534
Ion	Ratio	Lower	Upper
96	100		
61	125.2	106.1	159.1
98	45.8	50.8	76.2





#27

cis-1,2-Dichloroethene

Concen: 6.672 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VU054296.D

Acq: 26 May 2023 19:23

Instrument :

MSVOA_U

ClientSampleId :

29BR-20230524

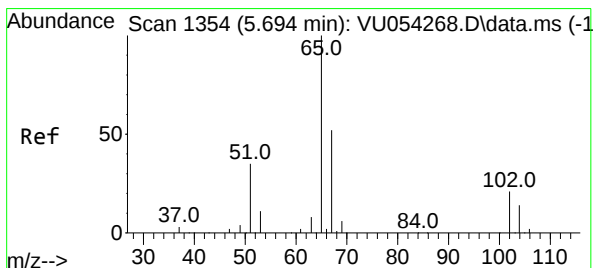
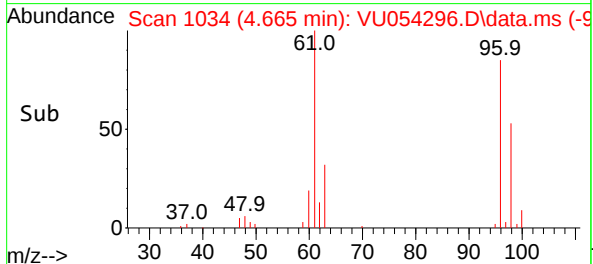
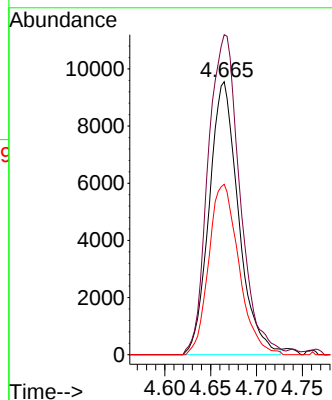
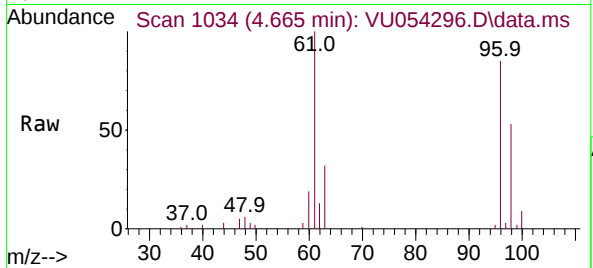
Tgt Ion: 96 Resp: 21222

Ion Ratio Lower Upper

96 100

61 126.9 0.0 271.6

98 64.2 0.0 128.2



#33

1,2-Dichloroethane-d4

Concen: 50.896 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. 0.003 min

Lab File: VU054296.D

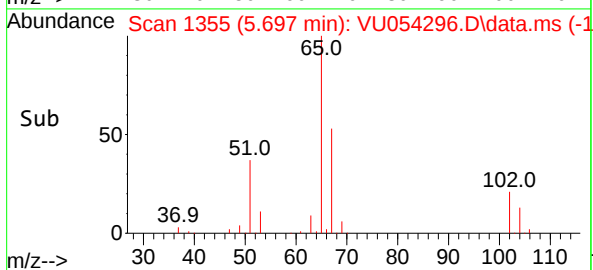
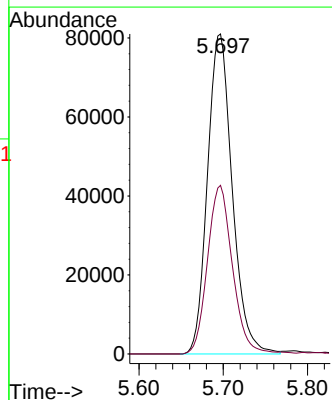
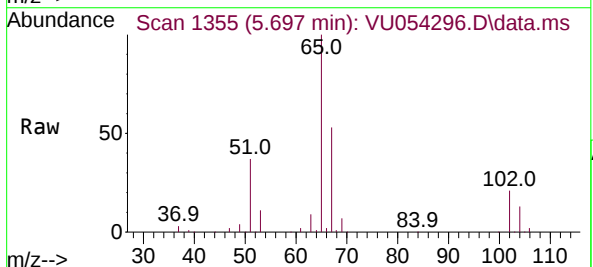
Acq: 26 May 2023 19:23

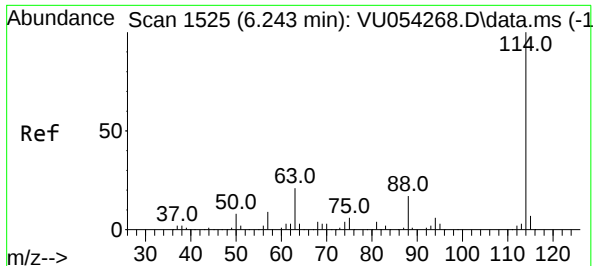
Tgt Ion: 65 Resp: 165643

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054296.D

Acq: 26 May 2023 19:23

Instrument :

MSVOA_U

ClientSampleId :

29BR-20230524

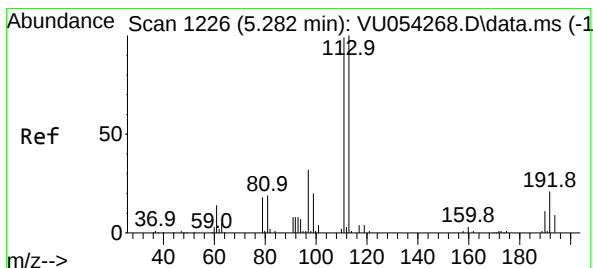
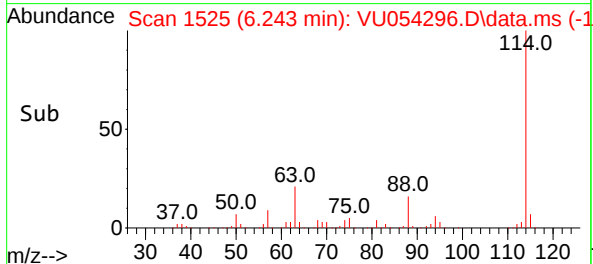
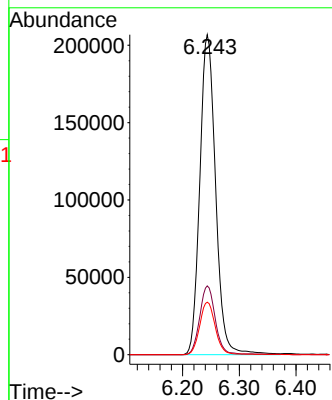
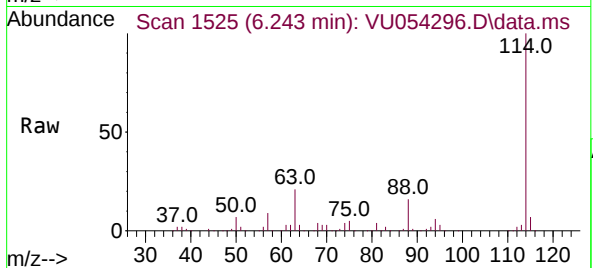
Tgt Ion:114 Resp: 400603

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.934 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054296.D

Acq: 26 May 2023 19:23

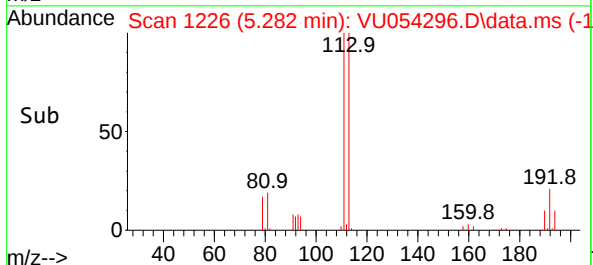
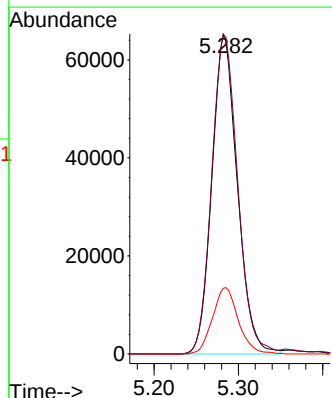
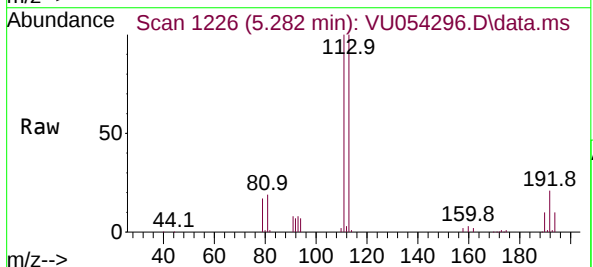
Tgt Ion:113 Resp: 136558

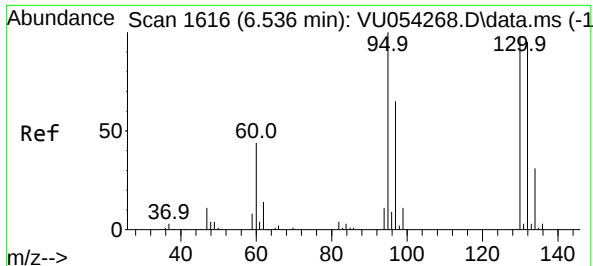
Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

192 21.1 18.0 27.0

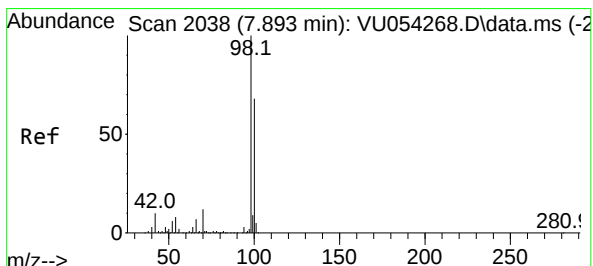
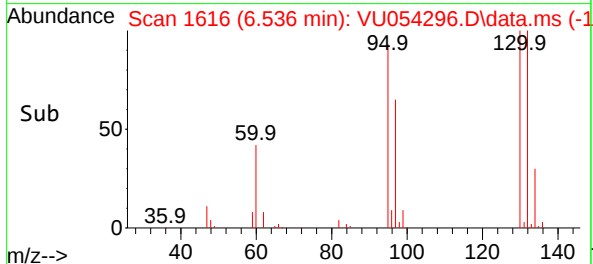
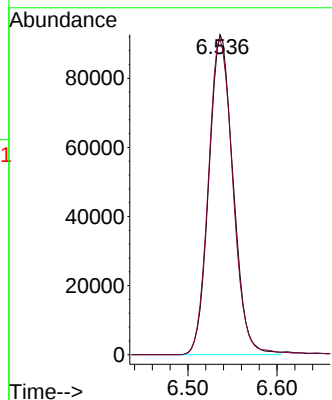
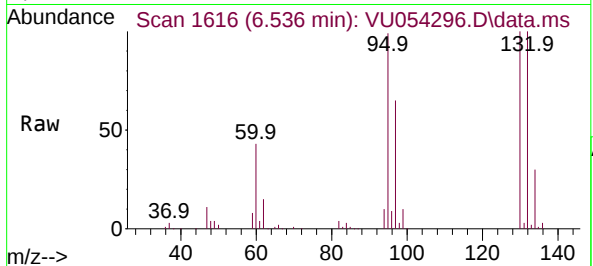




#44
Trichloroethene
Concen: 54.233 ug/l
RT: 6.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

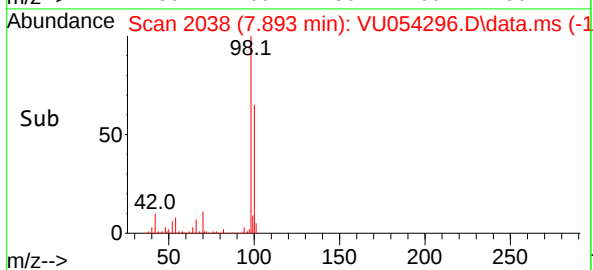
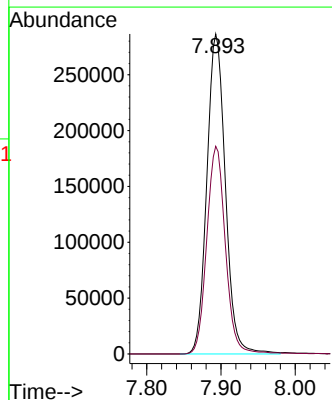
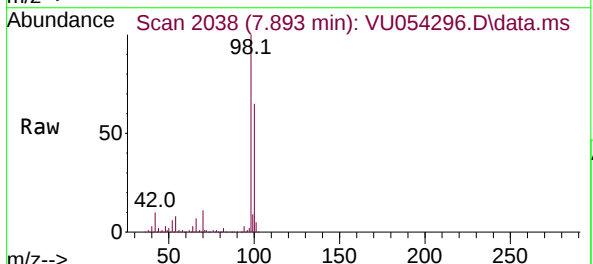
Instrument :
MSVOA_U
ClientSampleId :
29BR-20230524

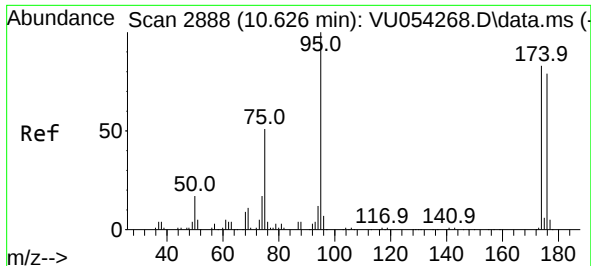
Tgt Ion:130 Resp: 175220
Ion Ratio Lower Upper
130 100
95 98.7 0.0 184.6



#50
Toluene-d8
Concen: 50.503 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

Tgt Ion: 98 Resp: 495567
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5

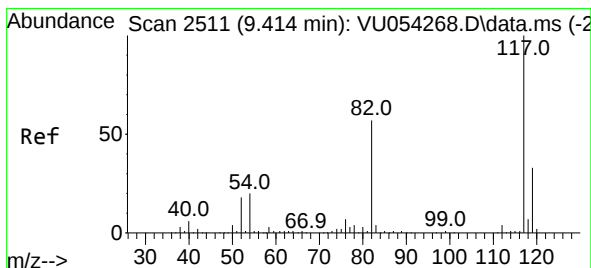
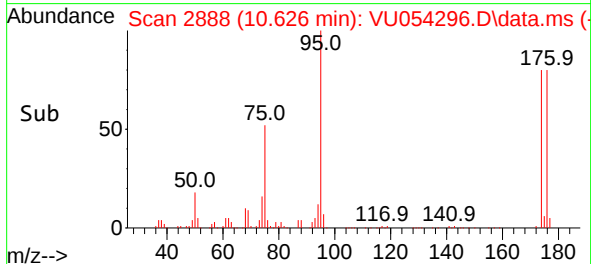
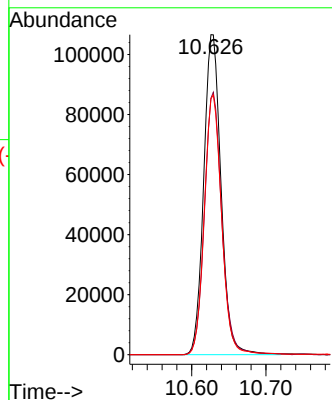
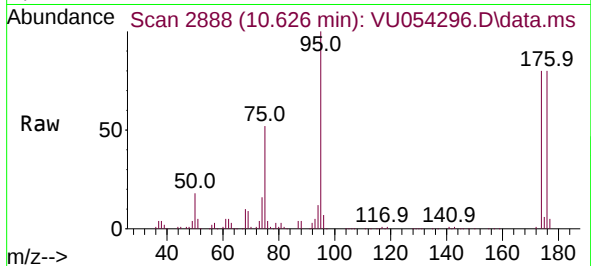




#62
4-Bromofluorobenzene
Concen: 45.392 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

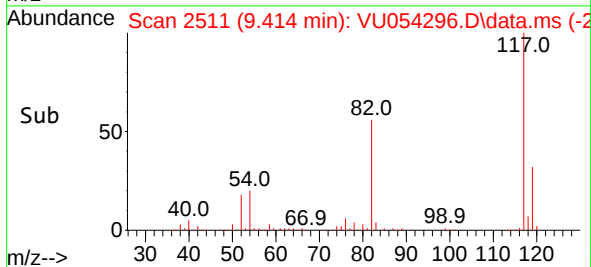
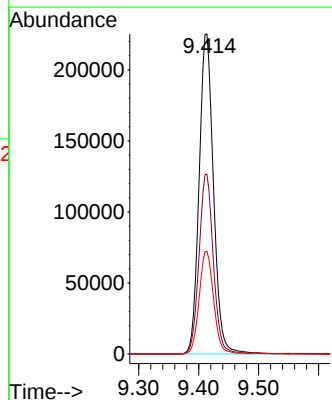
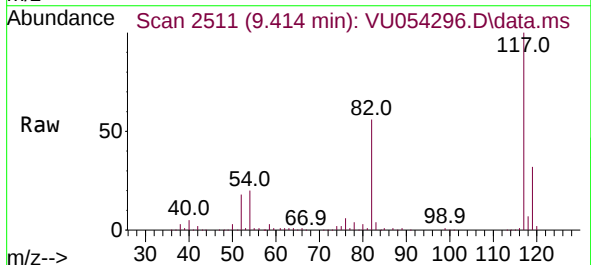
Instrument :
MSVOA_U
ClientSampleId :
29BR-20230524

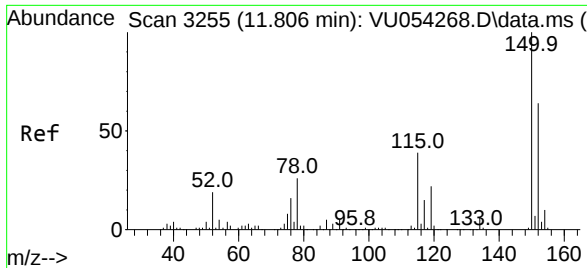
Tgt Ion: 95 Resp: 172707
Ion Ratio Lower Upper
95 100
174 82.1 0.0 182.0
176 81.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054296.D
Acq: 26 May 2023 19:23

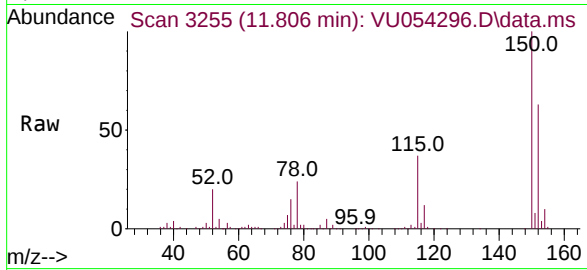
Tgt Ion: 117 Resp: 376671
Ion Ratio Lower Upper
117 100
82 56.2 41.7 62.5
119 32.1 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.806 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054296.D
 Acq: 26 May 2023 19:23

Instrument :
 MSVOA_U
 ClientSampleId :
 29BR-20230524



Tgt Ion:152 Resp: 186526
 Ion Ratio Lower Upper
 152 100
 115 57.5 37.0 110.9
 150 156.8 0.0 342.2

