

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045667.D
 Acq On : 09 Nov 2021 18:37
 Operator : SY/MD
 Sample : M4594-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 45BR-20211108

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 02:01:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	141840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	266008	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	265580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	134503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	114615	53.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.920%			
35) Dibromofluoromethane	5.292	113	89374	50.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	7.899	98	344363	52.144	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.280%			
62) 4-Bromofluorobenzene	10.636	95	132193	49.918	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6914	3.760	ug/l	97
4) Vinyl Chloride	1.604	62	57962	28.278	ug/l	99
12) 1,1-Dichloroethene	2.581	96	8357	5.355	ug/l	97
16) Acetone	2.626	43	2474	2.288	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	9502	5.853	ug/l	91
27) cis-1,2-Dichloroethene	4.671	96	1977172	1036.914	ug/l	90
29) Tetrahydrofuran	5.057	42	1264m	1.378	ug/l	
44) Trichloroethene	6.549	130	6276232	3414.394	ug/l	96

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

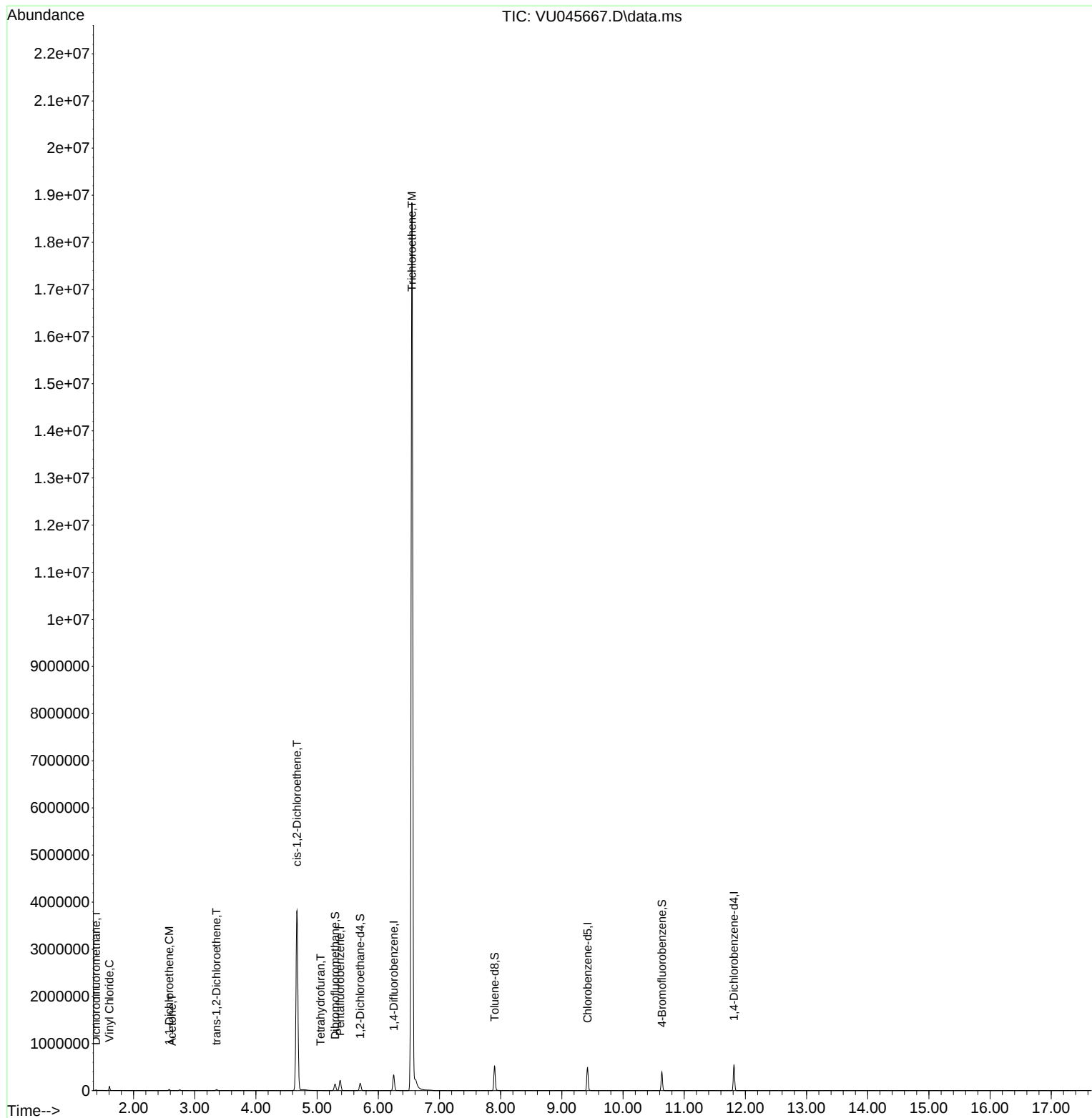
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
Data File : VU045667.D
Acq On : 09 Nov 2021 18:37
Operator : SY/MD
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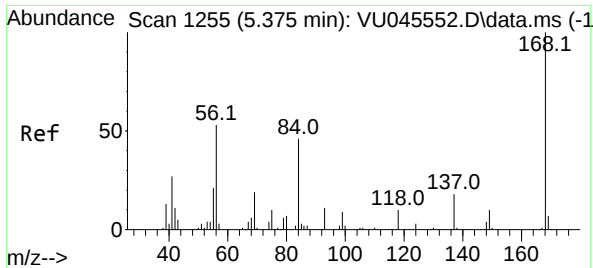
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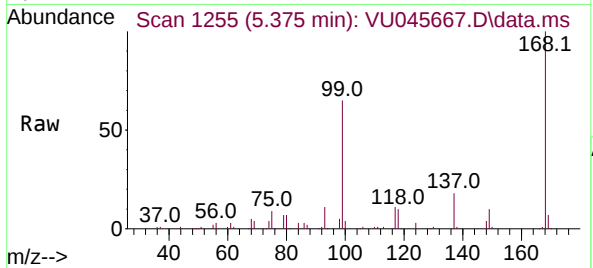
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37

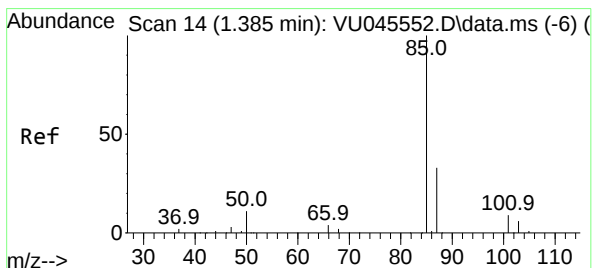
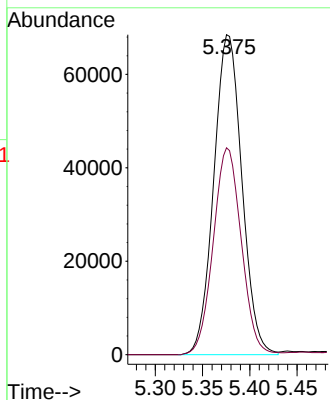
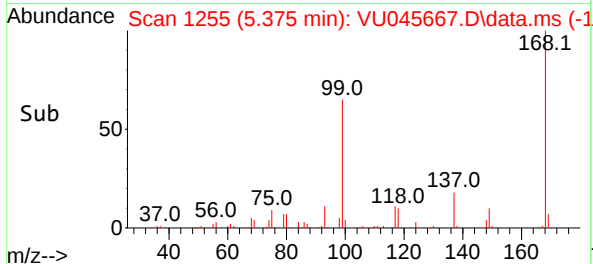
Instrument :
MSVOA_U
ClientSampleId :
45BR-20211108



Tgt Ion:168 Resp: 141840
Ion Ratio Lower Upper
168 100
99 64.7 51.0 76.6

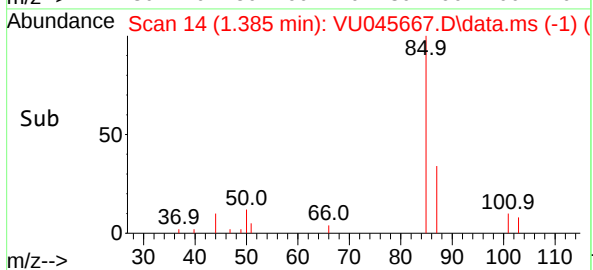
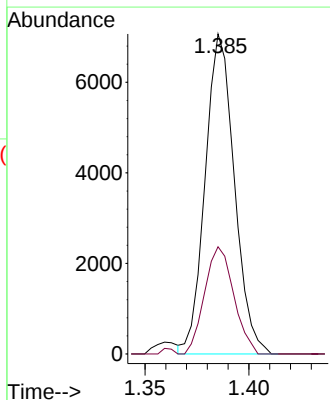
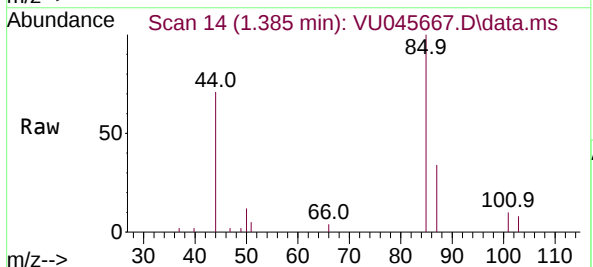
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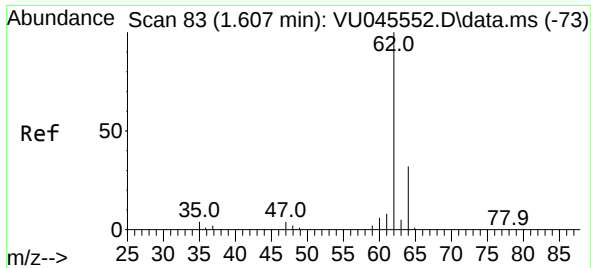
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 3.760 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37

Tgt Ion: 85 Resp: 6914
Ion Ratio Lower Upper
85 100
87 33.5 15.9 47.7





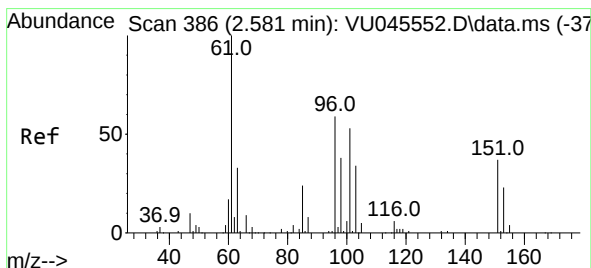
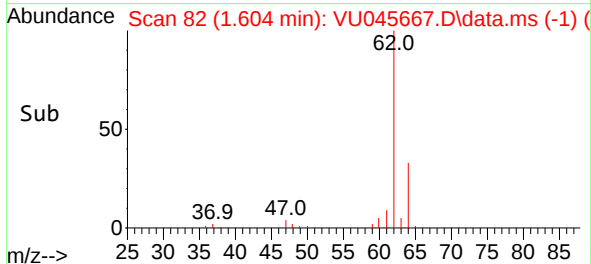
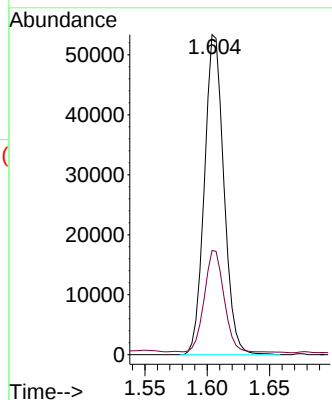
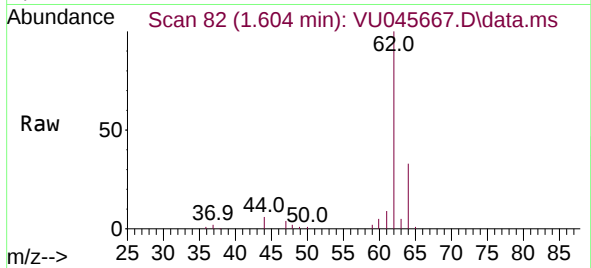
#4
 Vinyl Chloride
 Concen: 28.278 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045667.D
 Acq: 09 Nov 2021 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 45BR-20211108

Tgt Ion: 62 Resp: 5796
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.8 38.6

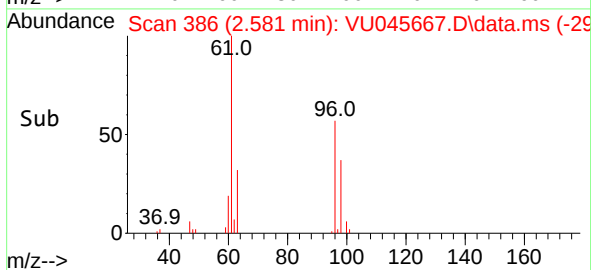
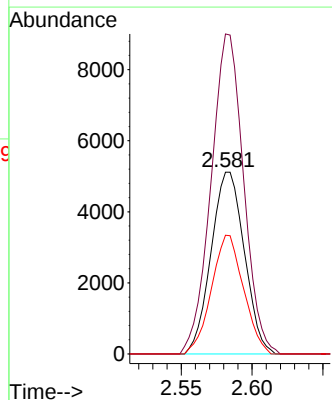
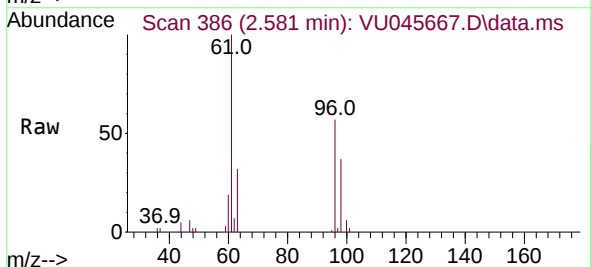
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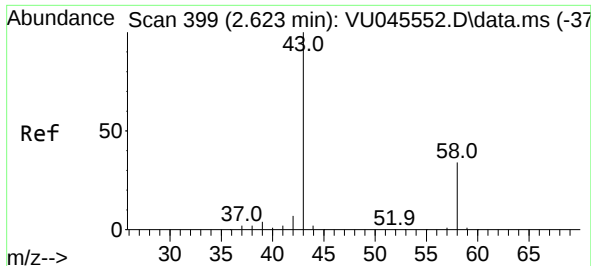
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#12
 1,1-Dichloroethene
 Concen: 5.355 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045667.D
 Acq: 09 Nov 2021 18:37

Tgt Ion: 96 Resp: 8357
 Ion Ratio Lower Upper
 96 100
 61 176.0 137.1 205.7
 98 65.3 51.5 77.3





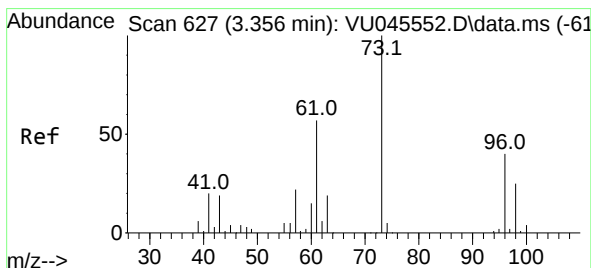
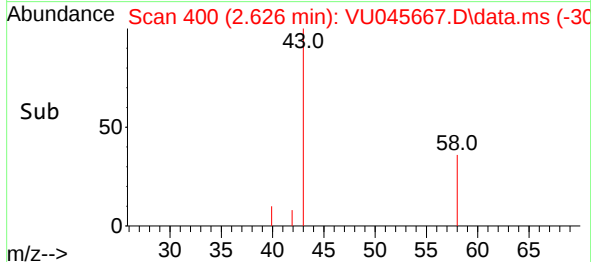
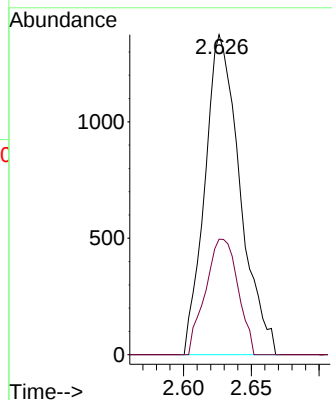
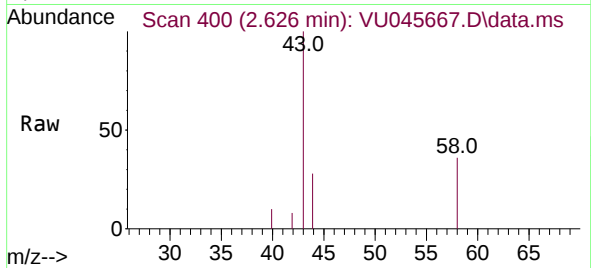
#16
Acetone
Concen: 2.288 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37

Instrument :
MSVOA_U
ClientSampleId :
45BR-20211108

Tgt Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
58 36.1 26.2 39.2

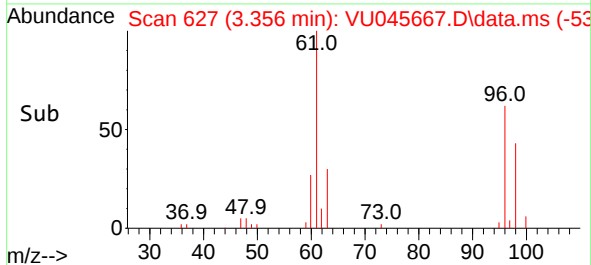
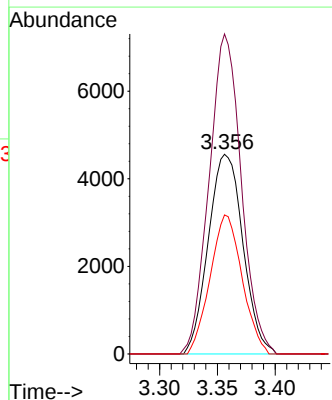
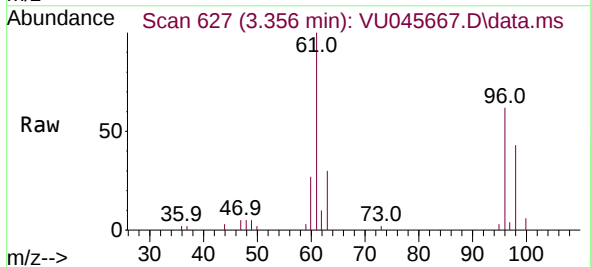
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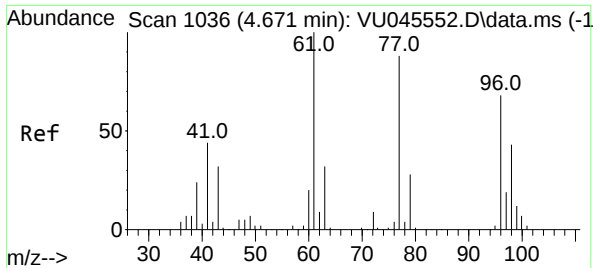
Reviewed By :John Carlone 11/10/2021
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#21
trans-1,2-Dichloroethene
Concen: 5.853 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37

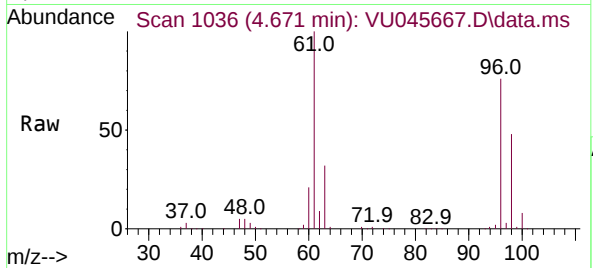
Tgt Ion: 96 Resp: 9502
Ion Ratio Lower Upper
96 100
61 160.3 118.2 177.4
98 69.6 52.1 78.1





#27
 cis-1,2-Dichloroethene
 Concen: 1036.914 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045667.D
 Acq: 09 Nov 2021 18:37

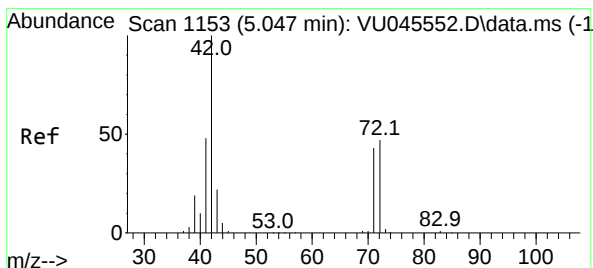
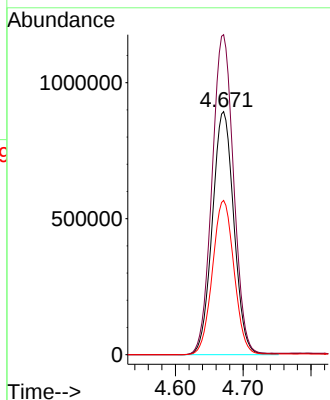
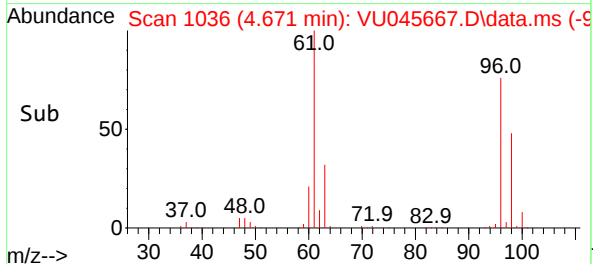
Instrument :
 MSVOA_U
 ClientSampleId :
 45BR-20211108



Tgt Ion: 96 Resp: 1977172
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 299.2
 98 63.6 0.0 127.6

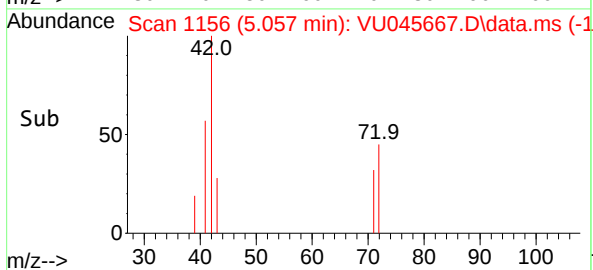
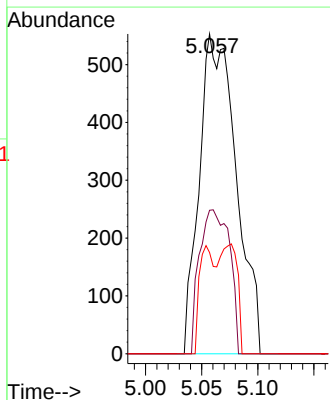
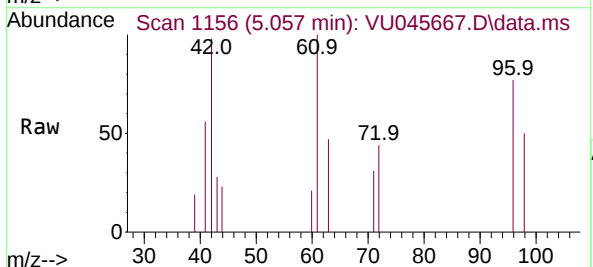
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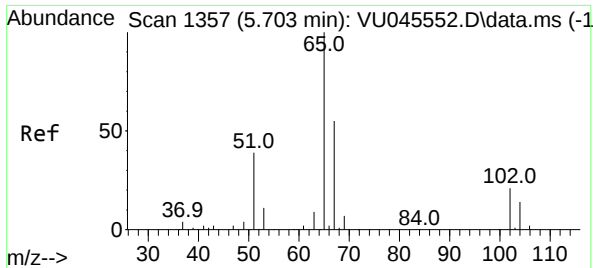
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#29
 Tetrahydrofuran
 Concen: 1.378 ug/l m
 RT: 5.057 min Scan# 1156
 Delta R.T. 0.010 min
 Lab File: VU045667.D
 Acq: 09 Nov 2021 18:37

Tgt Ion: 42 Resp: 1264
 Ion Ratio Lower Upper
 42 100
 72 36.6 38.2 57.4#
 71 14.8 35.4 53.2#





#33

1,2-Dichloroethane-d4

Concen: 53.956 ug/l

RT: 5.703 min Scan# 11461

Delta R.T. 0.000 min

Lab File: VU045667.D

Acq: 09 Nov 2021 18:37

Instrument :

MSVOA_U

ClientSampleId :

45BR-20211108

Tgt Ion: 65 Resp: 11461

Ion Ratio Lower Upper

65 100

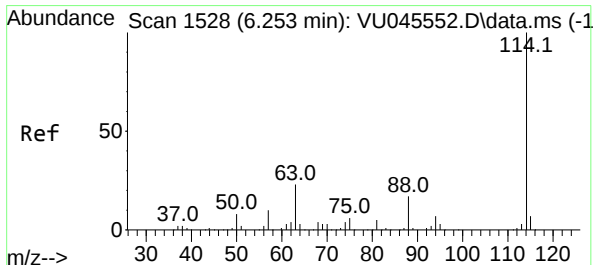
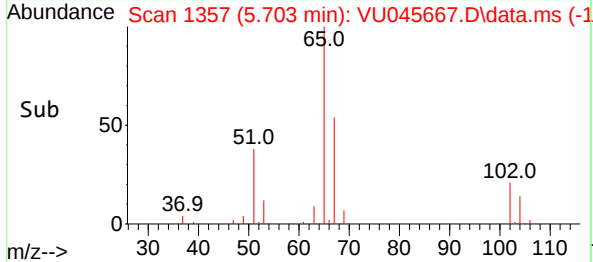
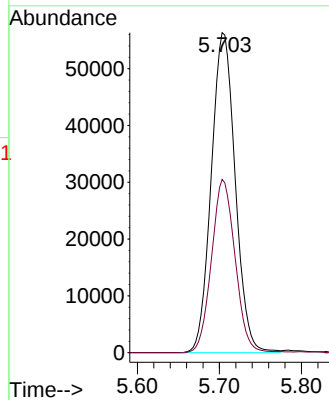
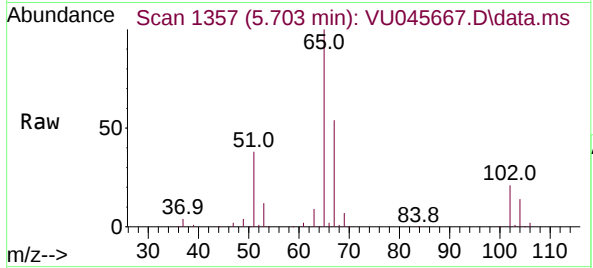
67 53.3 0.0 105.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045667.D

Acq: 09 Nov 2021 18:37

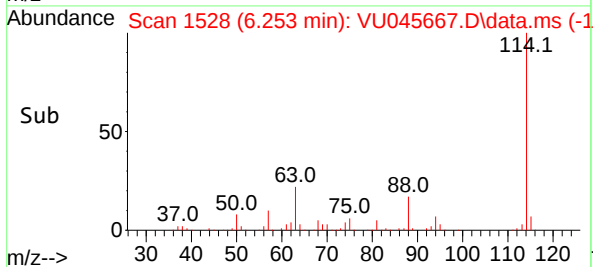
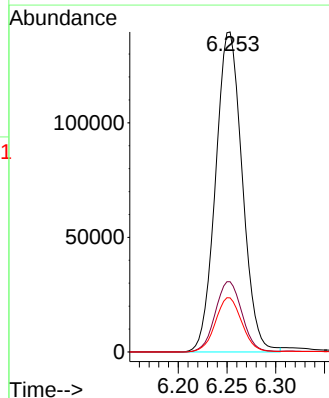
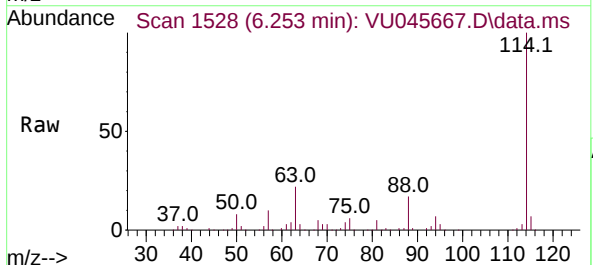
Tgt Ion:114 Resp: 266008

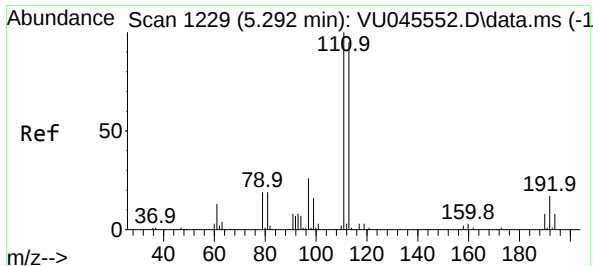
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

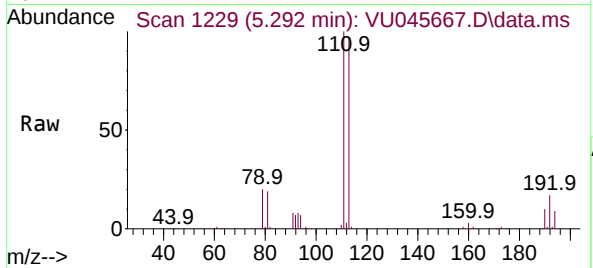
88 16.9 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.323 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37

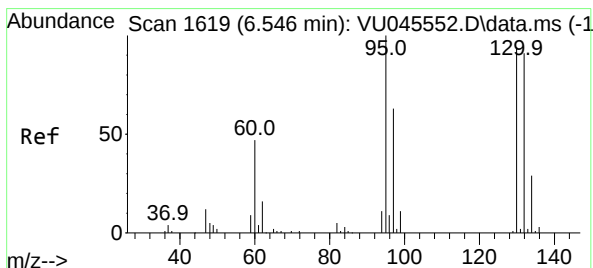
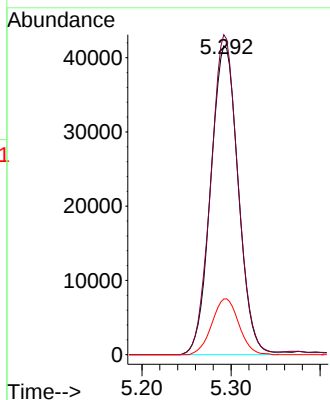
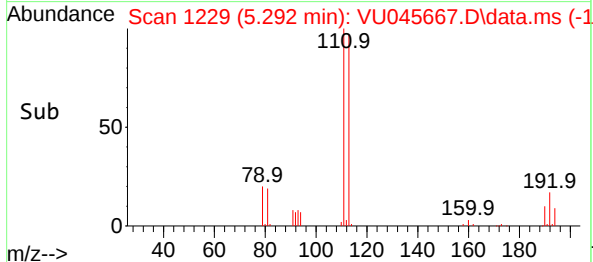
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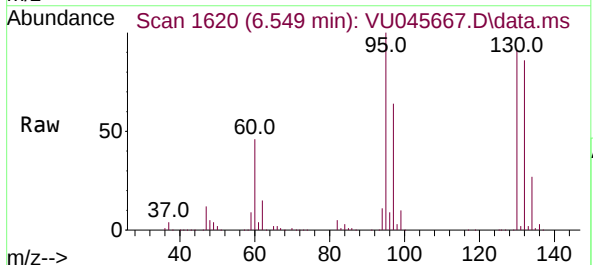
Tgt Ion:113 Resp: 89374
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 17.7 14.8 22.2

Manual Integrations
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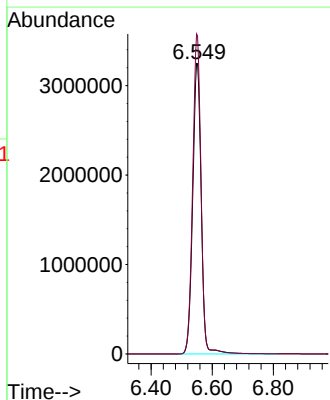
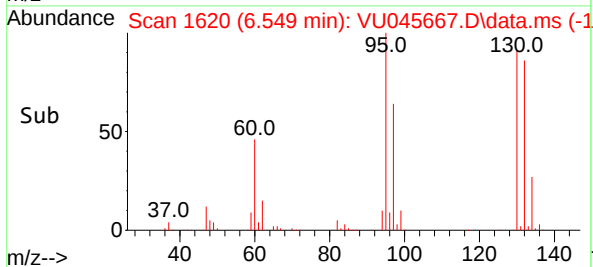
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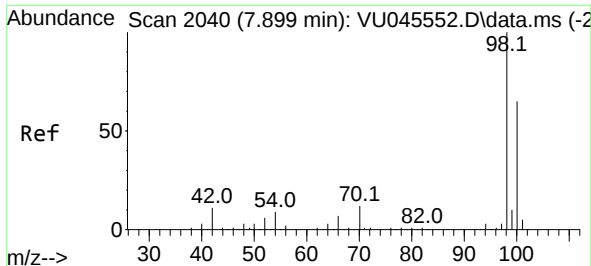


#44
Trichloroethene
Concen: 3414.394 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37



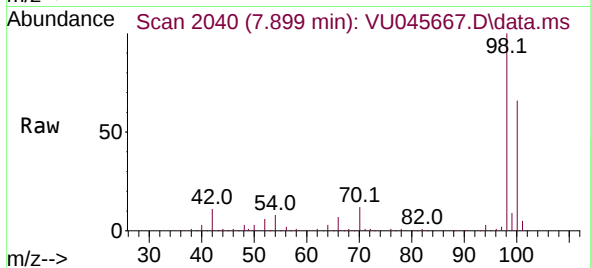
Tgt Ion:130 Resp: 6276232
Ion Ratio Lower Upper
130 100
95 110.1 0.0 211.4





#50
Toluene-d8
Concen: 52.144 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37

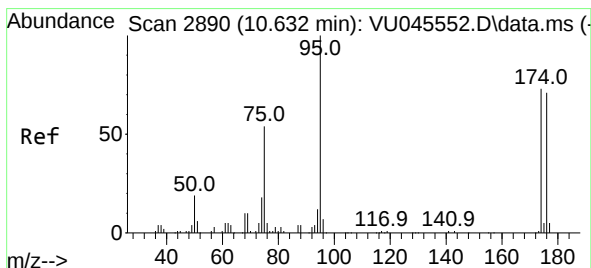
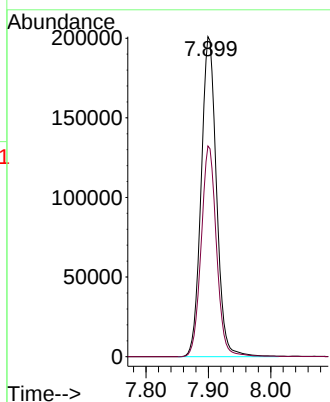
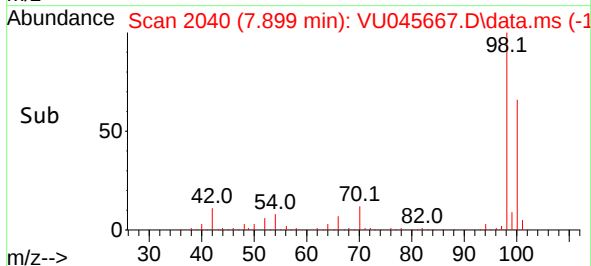
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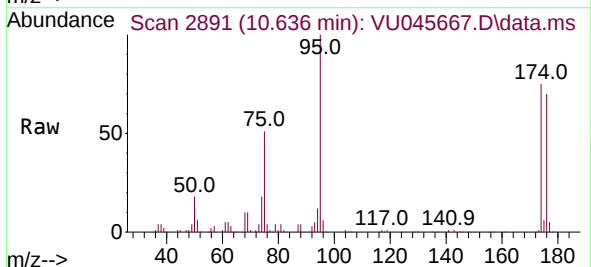
Tgt Ion: 98 Resp: 34436
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

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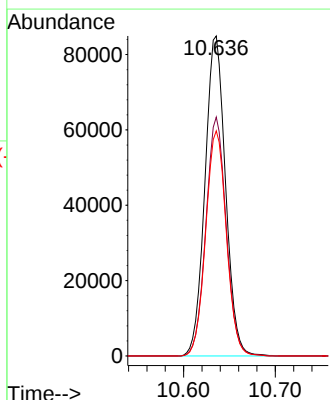
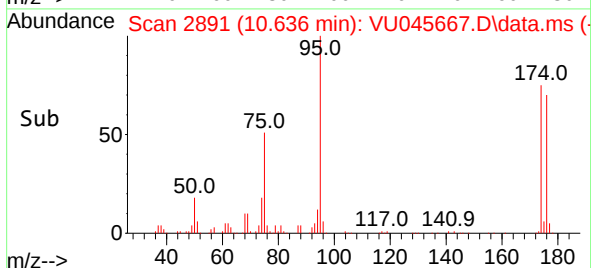
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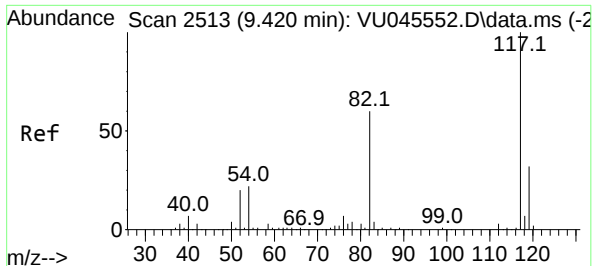


#62
4-Bromofluorobenzene
Concen: 49.918 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045667.D
Acq: 09 Nov 2021 18:37



Tgt Ion: 95 Resp: 132193
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.8
176 70.7 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.000 min

Lab File: VU045667.D

Acq: 09 Nov 2021 18:37

Instrument :

MSVOA_U

ClientSampleId :

45BR-20211108

Tgt Ion:117 Resp: 265580

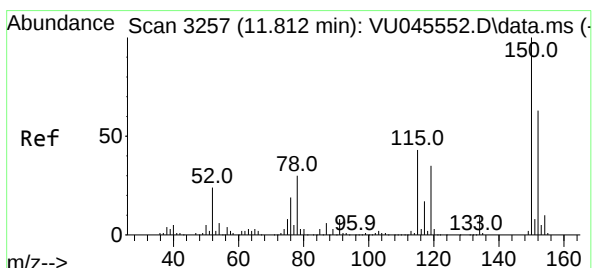
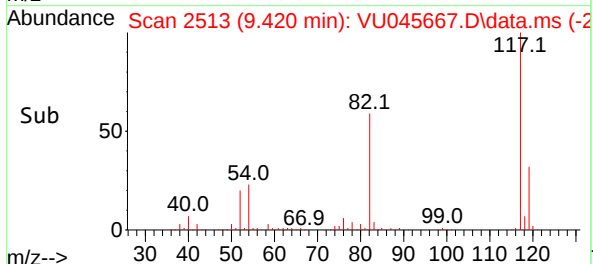
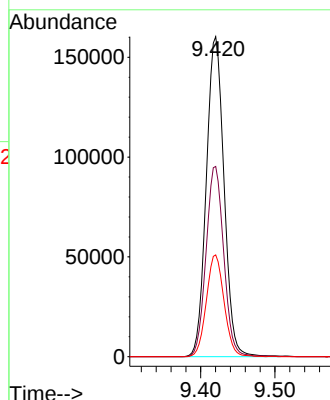
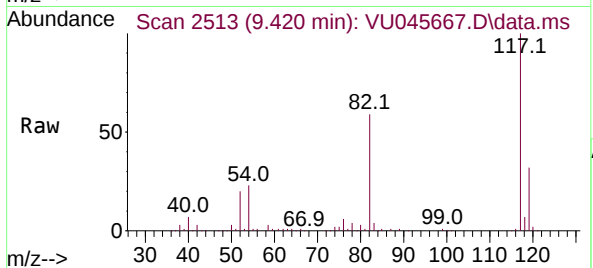
Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.8	71.8
119	31.8	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU045667.D

Acq: 09 Nov 2021 18:37

Tgt Ion:152 Resp: 134503

Ion	Ratio	Lower	Upper
152	100		
115	62.8	42.7	128.1
150	156.7	0.0	346.8

