

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045669.D
 Acq On : 09 Nov 2021 19:23
 Operator : SY/MD
 Sample : M4594-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP01-20211108

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 02:02:08 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	5.378	168	136770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	255065	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	256595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	129086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	109734	53.574	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.140%			
35) Dibromofluoromethane	5.292	113	86075	50.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	7.899	98	333395	52.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.300%			
62) 4-Bromofluorobenzene	10.636	95	127635	50.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	22840	12.880	ug/l	98
4) Vinyl Chloride	1.607	62	287022	145.221	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	31335	20.532	ug/l	99
12) 1,1-Dichloroethene	2.584	96	27335	18.166	ug/l	96
16) Acetone	2.633	43	2145	2.057	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	34479	22.025	ug/l	94
27) cis-1,2-Dichloroethene	4.671	96	4590231	2496.552	ug/l	91
29) Tetrahydrofuran	5.067	42	1202m	1.359	ug/l	
44) Trichloroethene	6.549	130	5323590	3020.390	ug/l	96

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

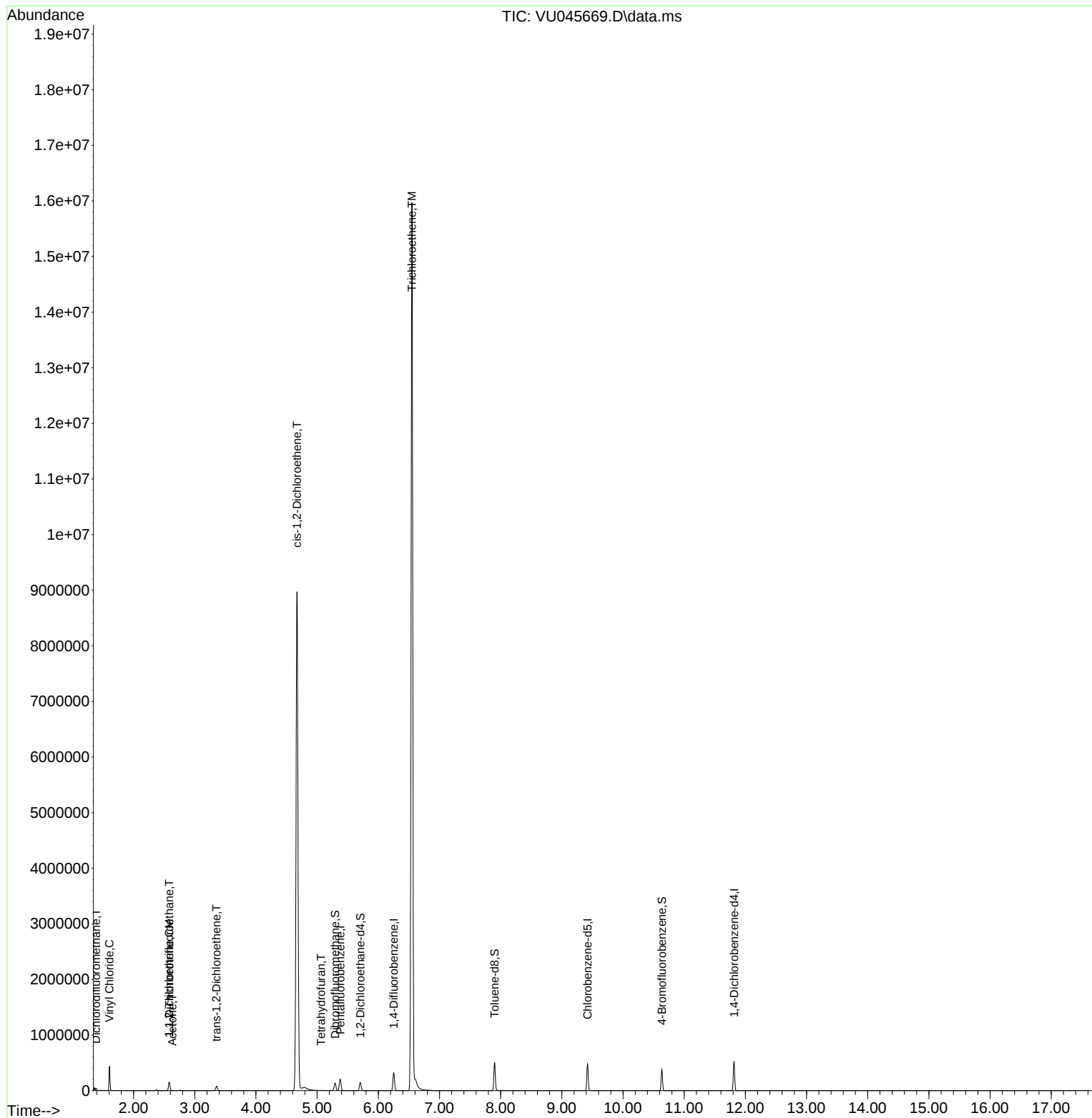
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
Data File : VU045669.D
Acq On : 09 Nov 2021 19:23
Operator : SY/MD
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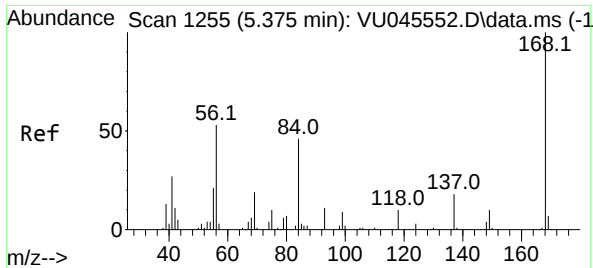
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211108

Quant Time: Nov 10 02:02:08 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

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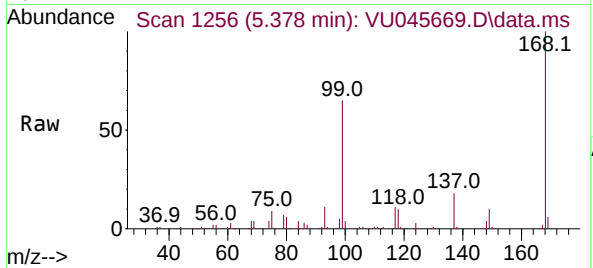
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

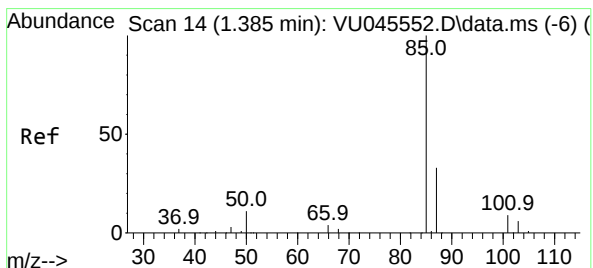
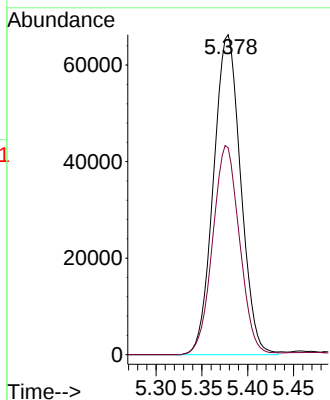
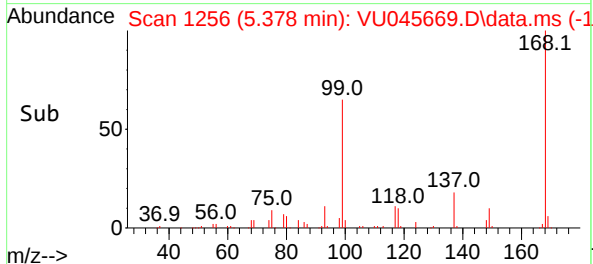
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211108



Tgt Ion:168 Resp: 136770
Ion Ratio Lower Upper
168 100
99 64.6 51.0 76.6

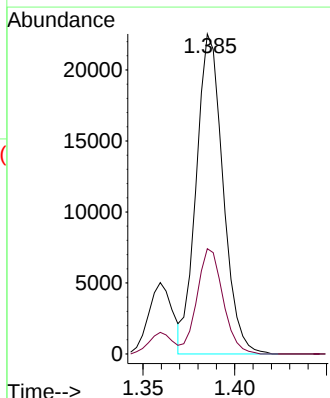
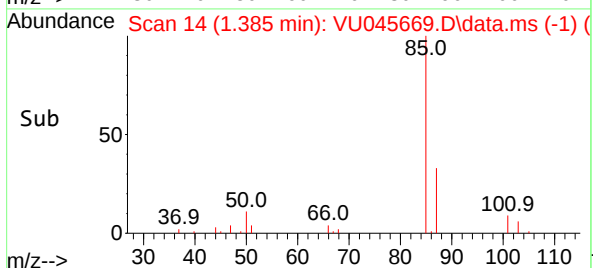
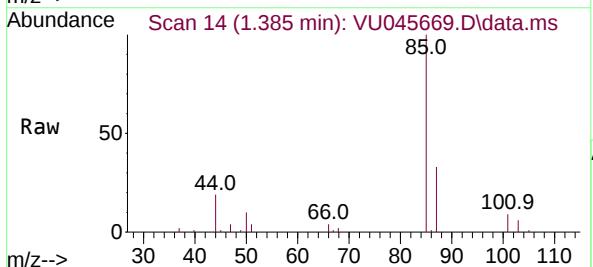
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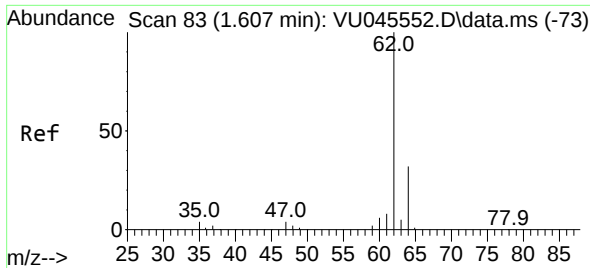
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 12.880 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

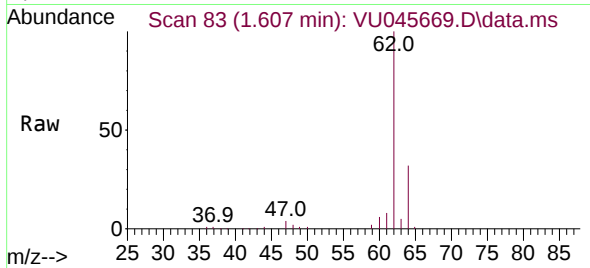
Tgt Ion: 85 Resp: 22840
Ion Ratio Lower Upper
85 100
87 32.9 15.9 47.7





#4
 Vinyl Chloride
 Concen: 145.221 ug/l
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045669.D
 Acq: 09 Nov 2021 19:23

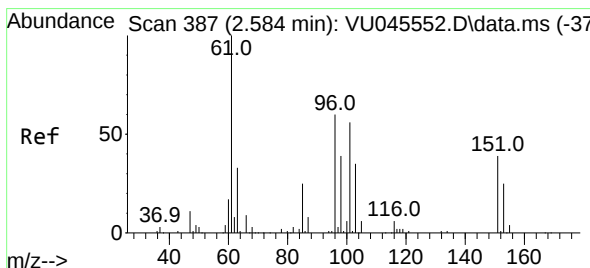
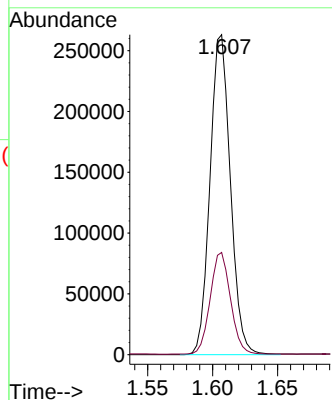
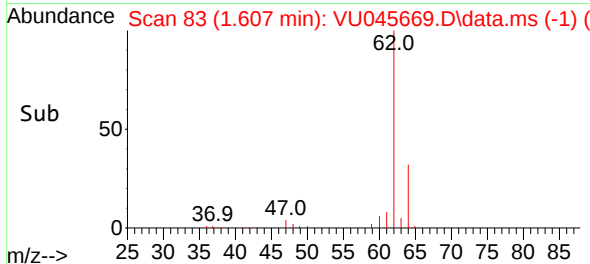
Instrument :
 MSVOA_U
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 DUP01-20211108



Tgt Ion: 62 Resp: 28702
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.8 38.6

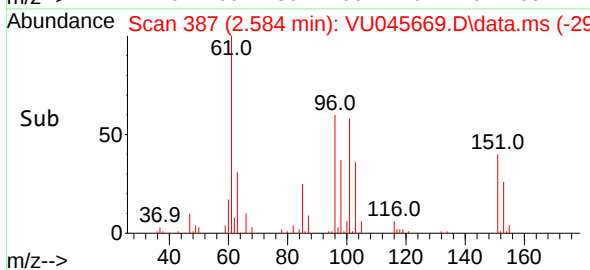
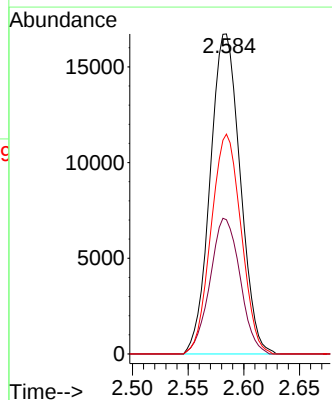
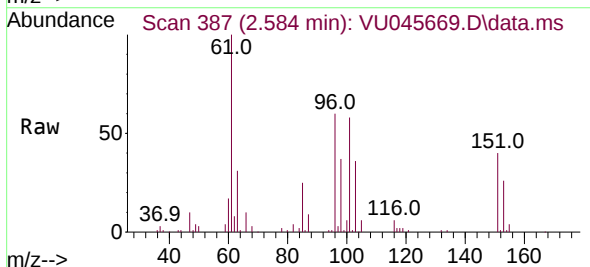
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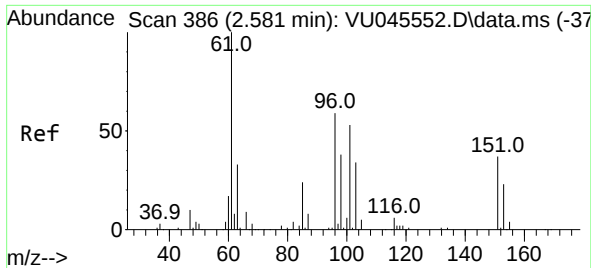
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.532 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045669.D
 Acq: 09 Nov 2021 19:23

Tgt Ion:101 Resp: 31335
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.0 52.4
 151 68.9 54.6 82.0





#12

1,1-Dichloroethene

Concen: 18.166 ug/l

RT: 2.584 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU045669.D

Acq: 09 Nov 2021 19:23

Instrument :

MSVOA_U

ClientSampleId :

DUP01-20211108

Tgt Ion: 96 Resp: 2733

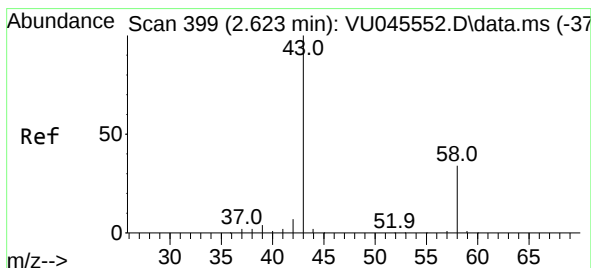
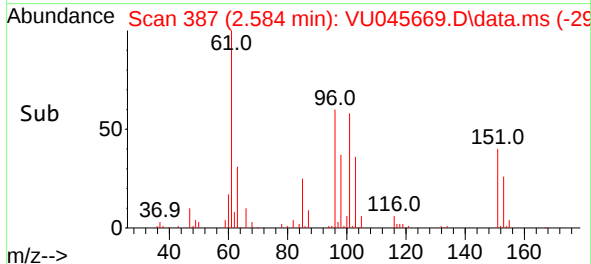
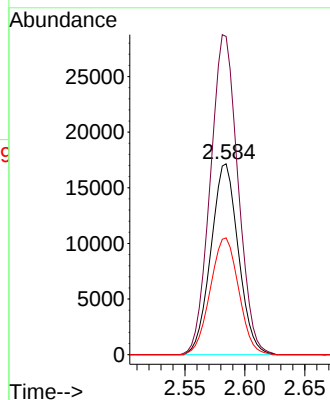
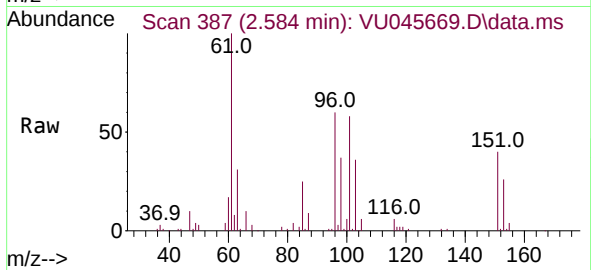
Ion	Ratio	Lower	Upper
96	100		
61	166.7	137.1	205.7
98	61.1	51.5	77.3

Manual Integrations

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#16

Acetone

Concen: 2.057 ug/l

RT: 2.633 min Scan# 402

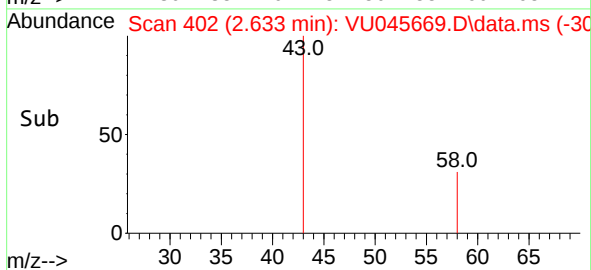
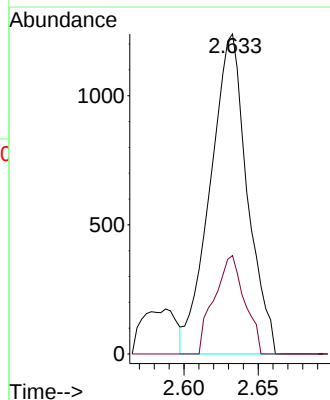
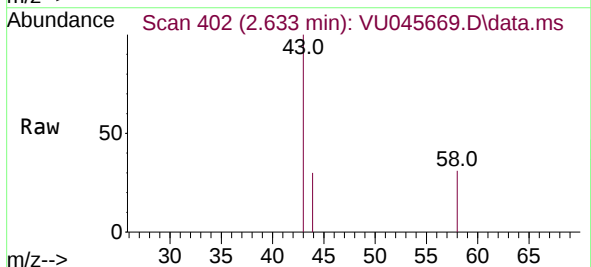
Delta R.T. 0.010 min

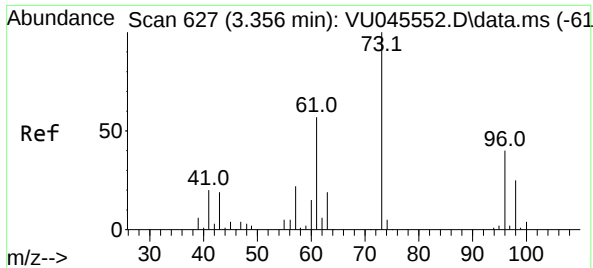
Lab File: VU045669.D

Acq: 09 Nov 2021 19:23

Tgt Ion: 43 Resp: 2145

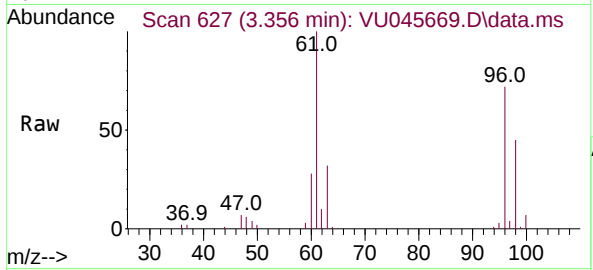
Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.2	39.2





#21
trans-1,2-Dichloroethene
Concen: 22.025 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

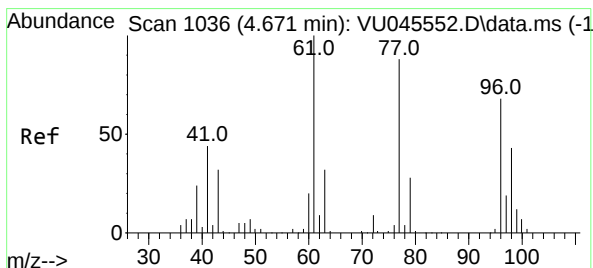
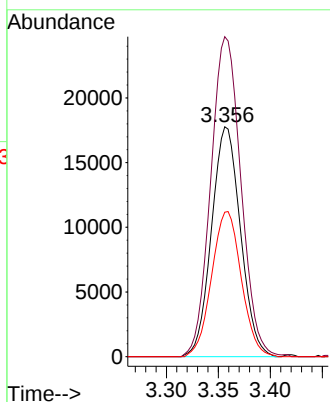
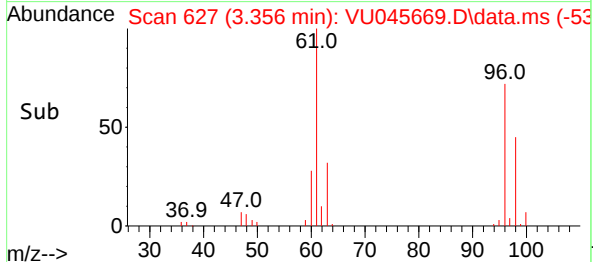
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211108



Tgt Ion: 96 Resp: 34479
Ion Ratio Lower Upper
96 100
61 139.2 118.2 177.4
98 62.8 52.1 78.1

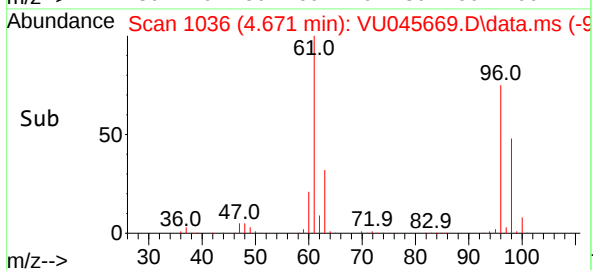
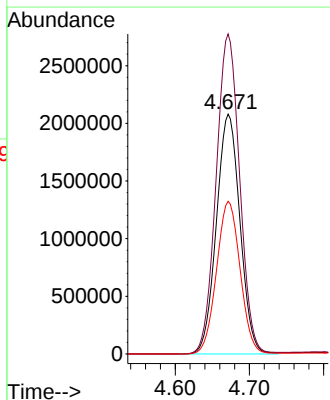
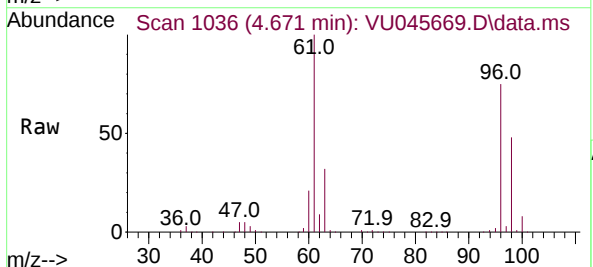
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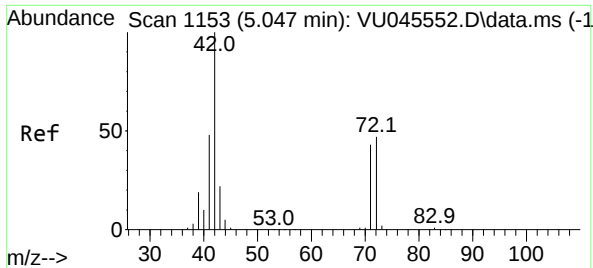
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#27
cis-1,2-Dichloroethene
Concen: 2496.552 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

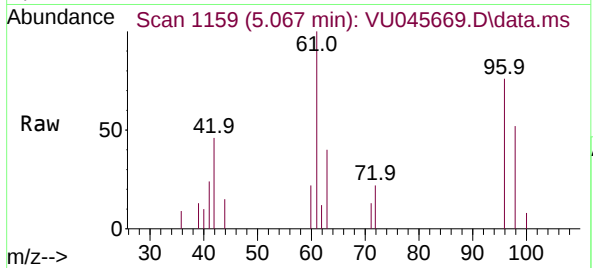
Tgt Ion: 96 Resp: 4590231
Ion Ratio Lower Upper
96 100
61 133.3 0.0 299.2
98 63.8 0.0 127.6





#29
Tetrahydrofuran
Concen: 1.359 ug/l m
RT: 5.067 min Scan# 1159
Delta R.T. 0.019 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

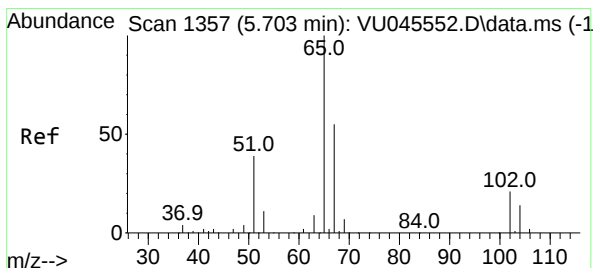
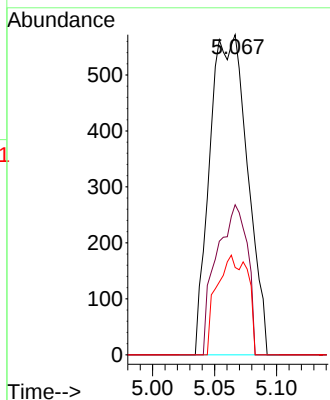
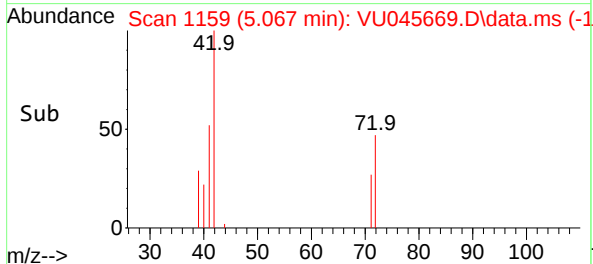
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MSVOA_U
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DUP01-20211108



Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
72 38.7 38.2 57.4
71 25.5 35.4 53.2

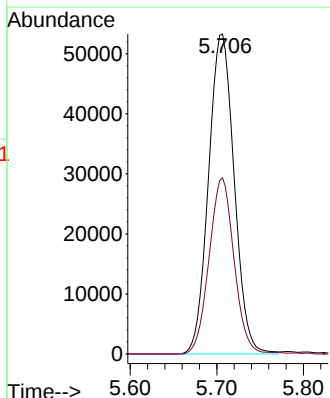
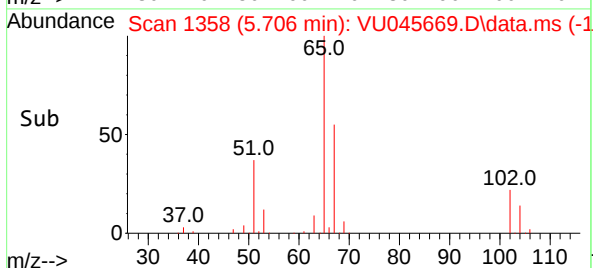
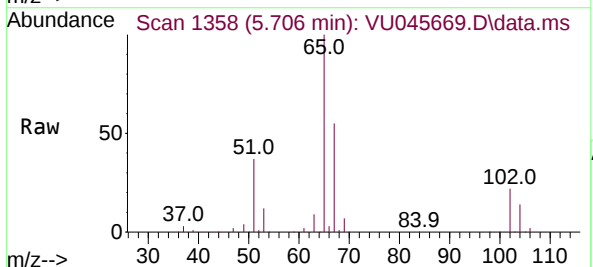
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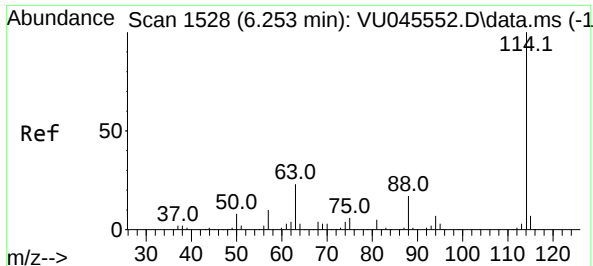
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#33
1,2-Dichloroethane-d4
Concen: 53.574 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

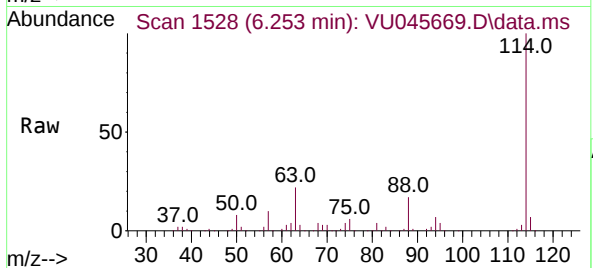
Tgt Ion: 65 Resp: 109734
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

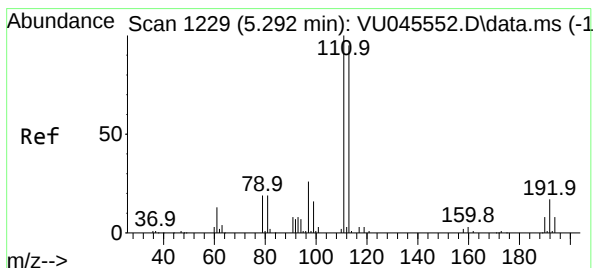
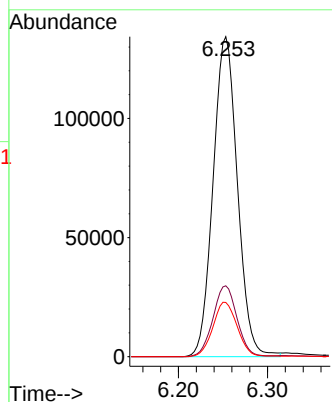
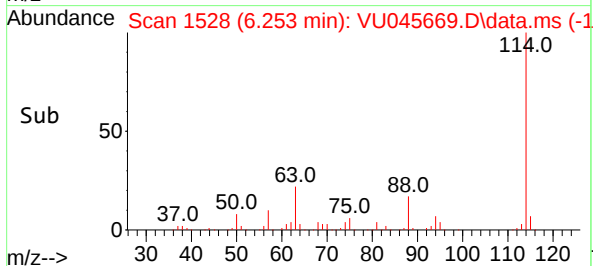
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211108



Tgt Ion:114 Resp: 25506
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 17.0 0.0 33.8

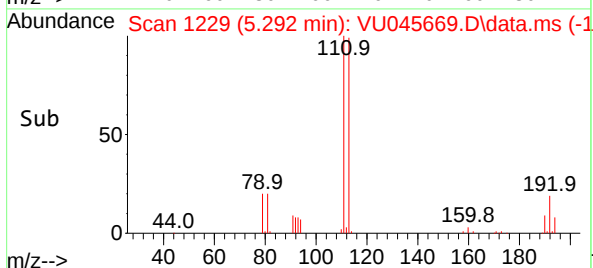
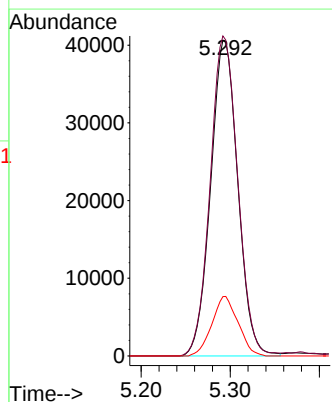
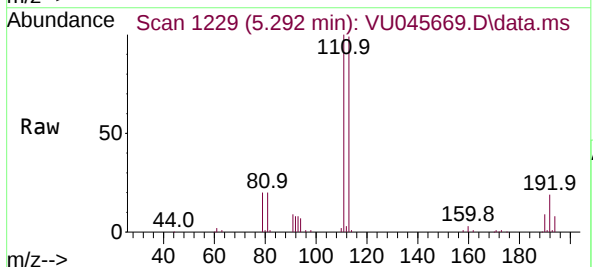
Manual Integrations
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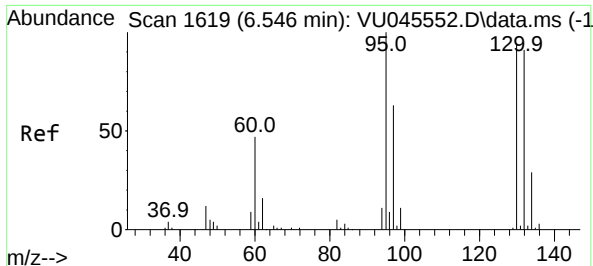
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#35
Dibromofluoromethane
Concen: 50.545 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

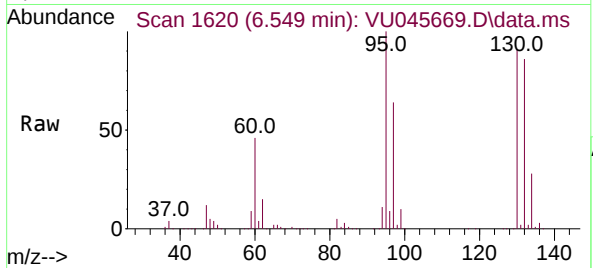
Tgt Ion:113 Resp: 86075
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.2 14.8 22.2





#44
Trichloroethene
Concen: 3020.390 ug/l
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

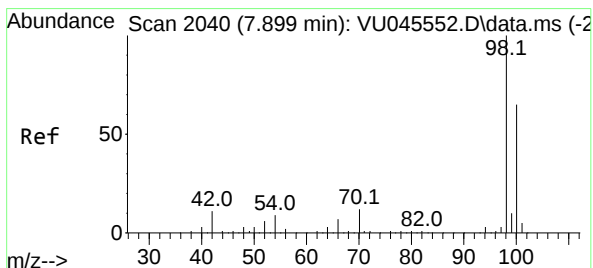
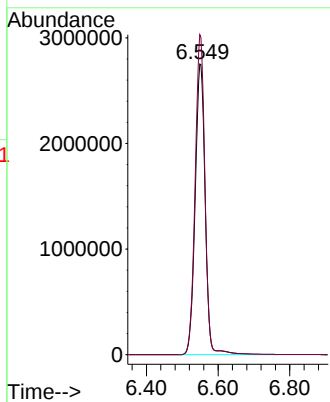
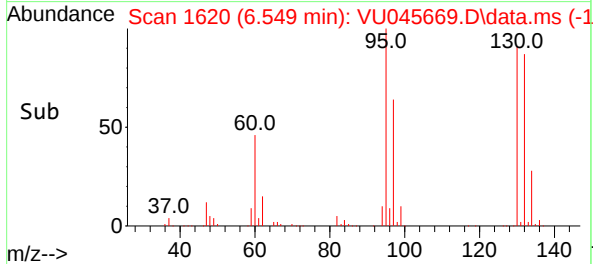
Instrument :
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ClientSampleId :
DUP01-20211108



Tgt Ion:130 Resp: 5323590
Ion Ratio Lower Upper
130 100
95 110.1 0.0 211.4

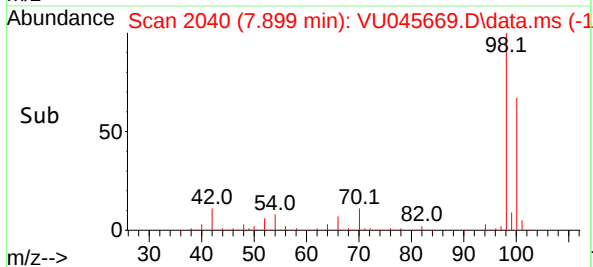
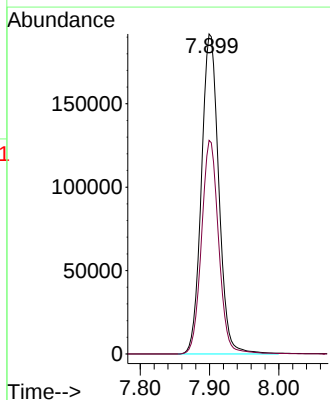
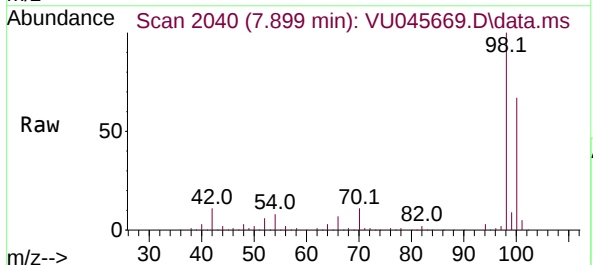
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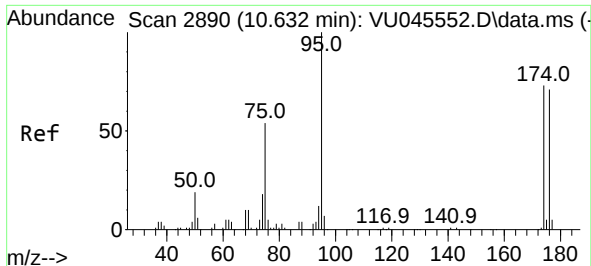
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#50
Toluene-d8
Concen: 52.650 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

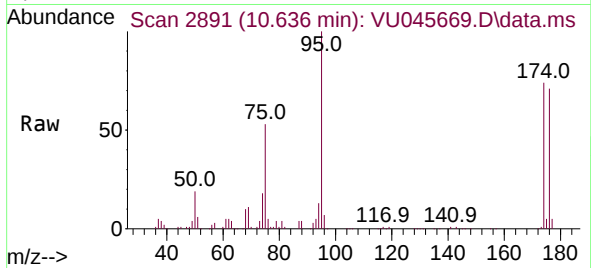
Tgt Ion: 98 Resp: 333395
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.265 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

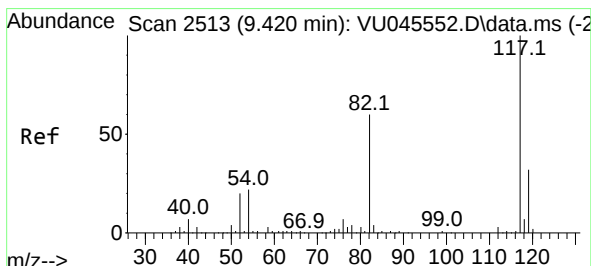
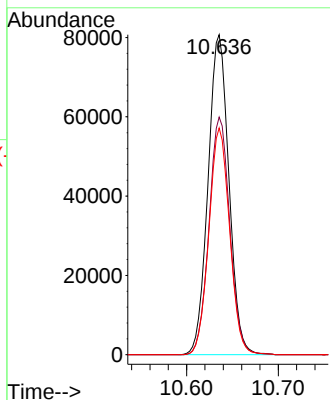
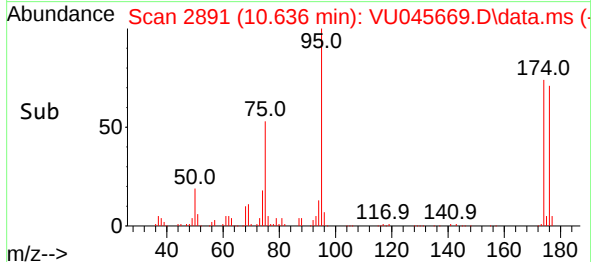
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211108



Tgt Ion: 95 Resp: 127635
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.8
176 70.3 0.0 138.2

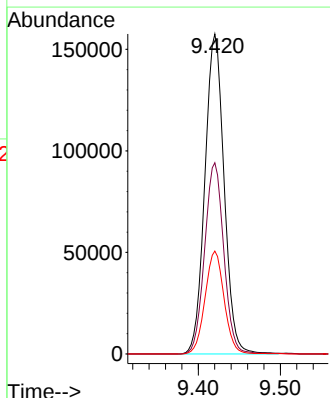
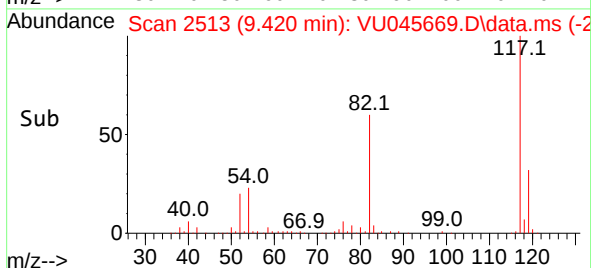
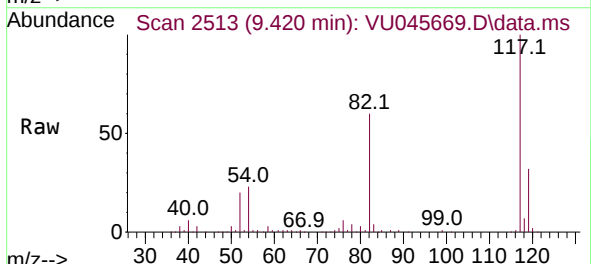
Manual Integrations
APPROVED

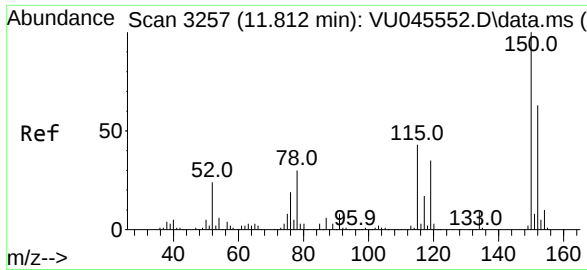
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045669.D
Acq: 09 Nov 2021 19:23

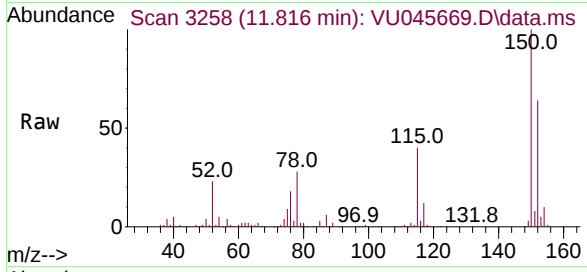
Tgt Ion:117 Resp: 256595
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.1 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045669.D
 Acq: 09 Nov 2021 19:23

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP01-20211108



Tgt Ion:152 Resp: 129080
 Ion Ratio Lower Upper
 152 100
 115 63.3 42.7 128.1
 150 158.3 0.0 346.8

Manual Integrations
 APPROVED

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

