

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054319.D
 Acq On : 30 May 2023 17:20
 Operator : JC/MD
 Sample : 02912-11DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE134D3-20230523DL

Quant Time: May 31 06:29:13 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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	250777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	409754	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	385177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	180464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	168695	51.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.640%			
35) Dibromofluoromethane	5.282	113	138870	52.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.260%			
50) Toluene-d8	7.893	98	509314	50.744	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	10.629	95	173503	44.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.160%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.578	101	157445	60.435	ug/l	96
12) 1,1-Dichloroethene	2.575	96	1245	0.462	ug/l	83
20) Methylene Chloride	3.047	84	7191	2.115	ug/l	95
27) cis-1,2-Dichloroethene	4.681	96	1109m	0.345	ug/l	
44) Trichloroethene	6.536	130	49586	15.005	ug/l	96
64) Tetrachloroethene	8.549	164	34305	11.834	ug/l	99

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

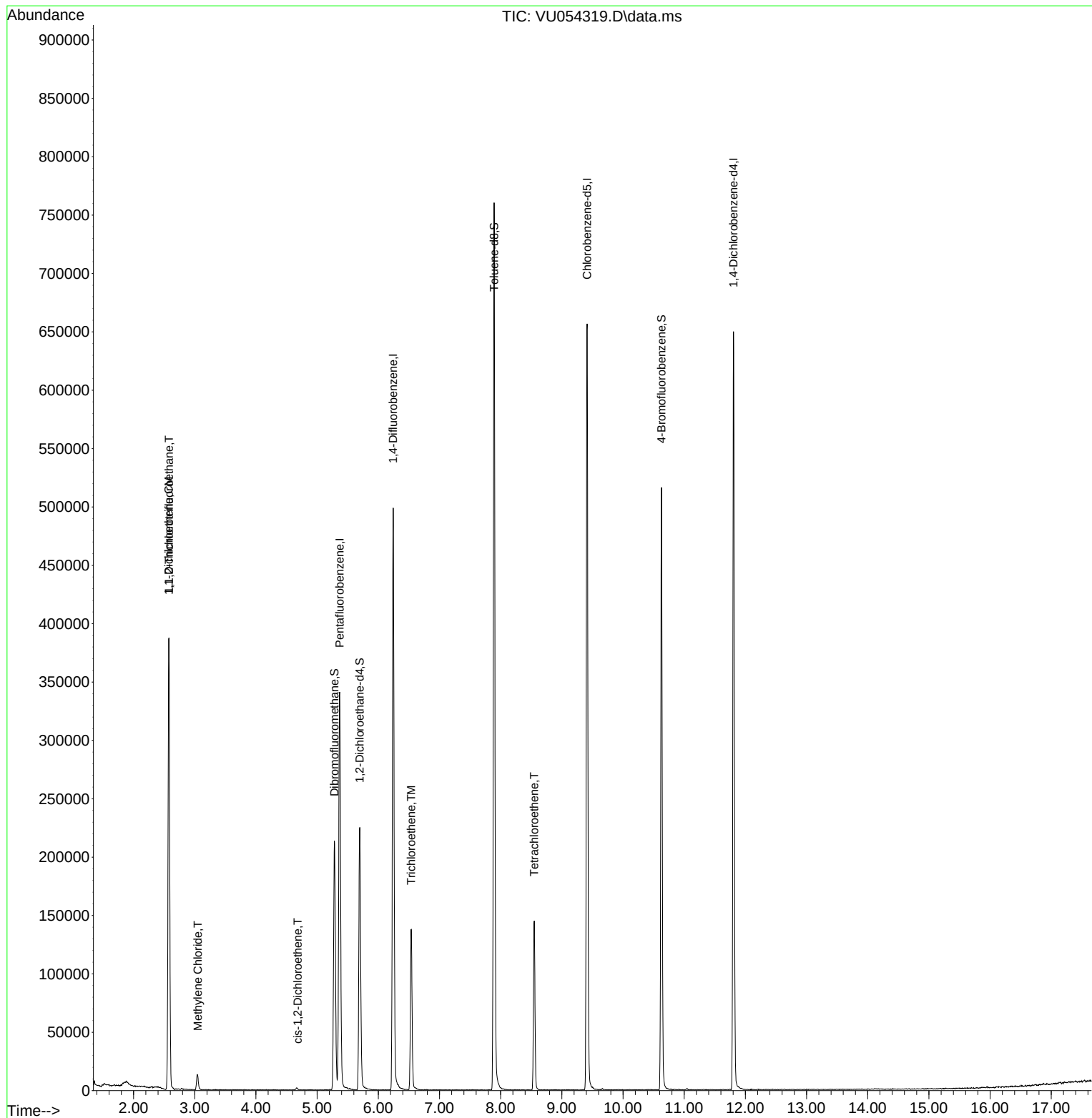
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
Data File : VU054319.D
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Operator : JC/MD
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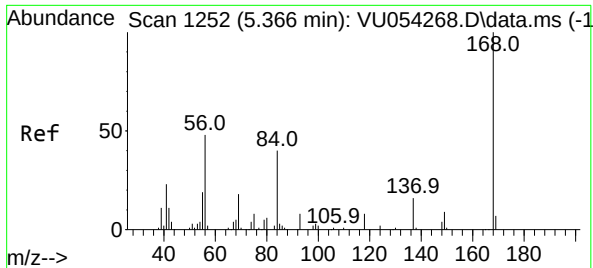
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523DL

Quant Time: May 31 06:29:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
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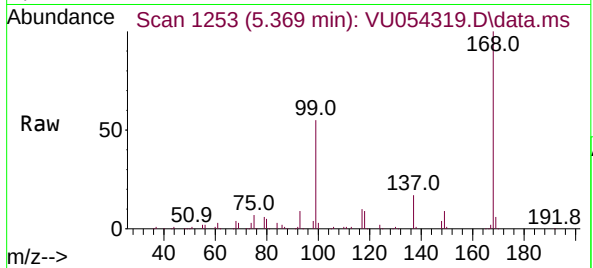
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

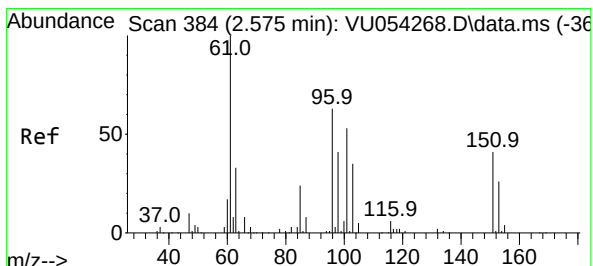
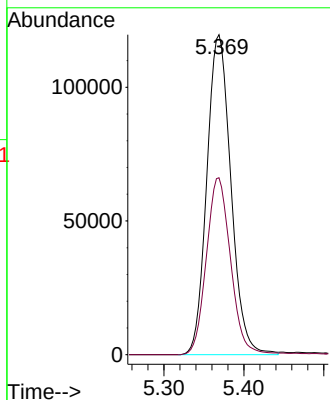
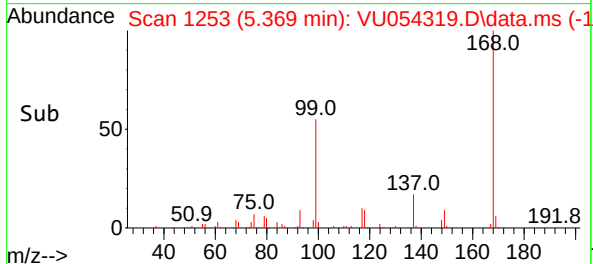
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523DL



Tgt Ion:168 Resp: 25077
Ion Ratio Lower Upper
168 100
99 55.3 39.3 58.9

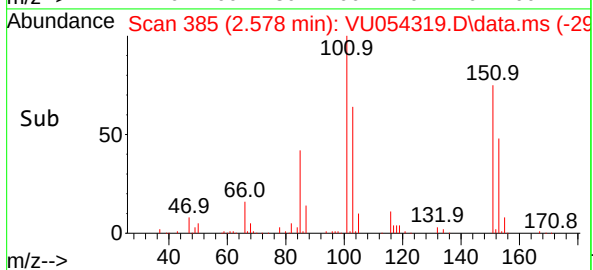
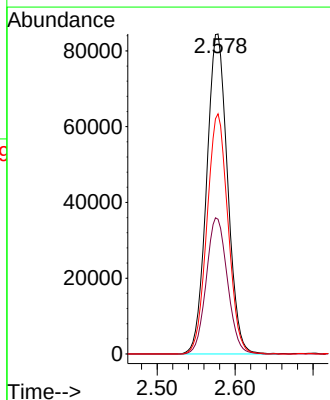
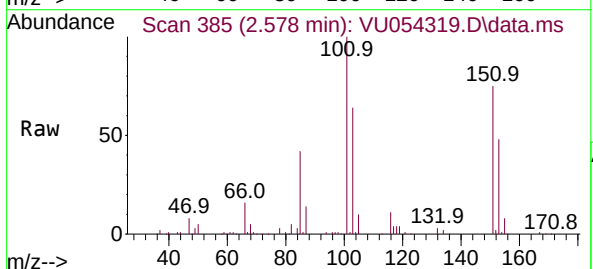
Manual Integrations
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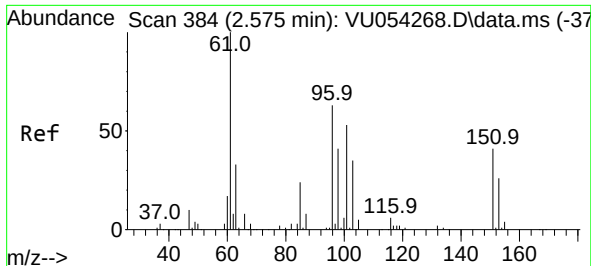
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.435 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

Tgt Ion:101 Resp: 157445
Ion Ratio Lower Upper
101 100
85 43.0 33.9 50.9
151 75.2 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.462 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU054319.D

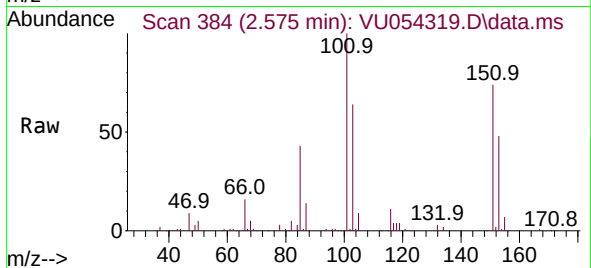
Acq: 30 May 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

RE134D3-20230523DL



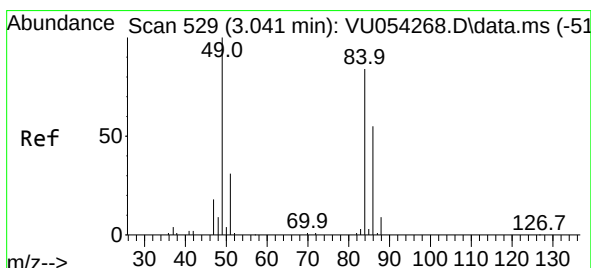
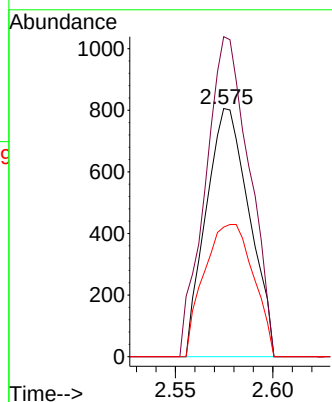
Tgt Ion:	96	Resp:	124
Ion	Ratio	Lower	Upper
96	100		
61	128.9	122.2	183.2
98	52.2	50.7	76.1

Manual Integrations

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#20

Methylene Chloride

Concen: 2.115 ug/l

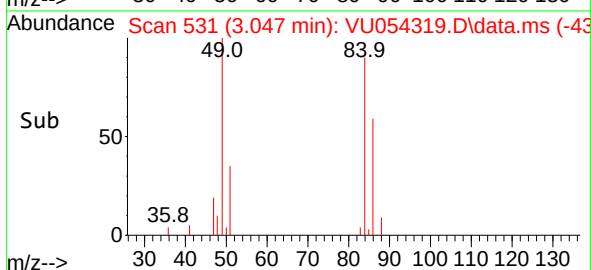
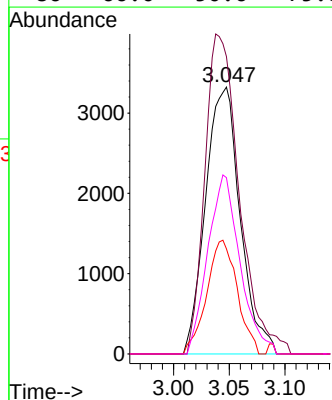
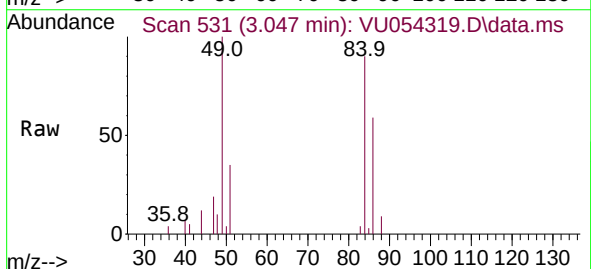
RT: 3.047 min Scan# 531

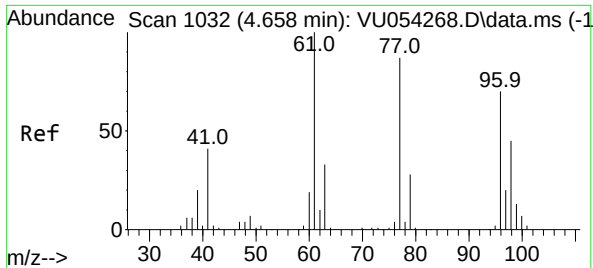
Delta R.T. 0.006 min

Lab File: VU054319.D

Acq: 30 May 2023 17:20

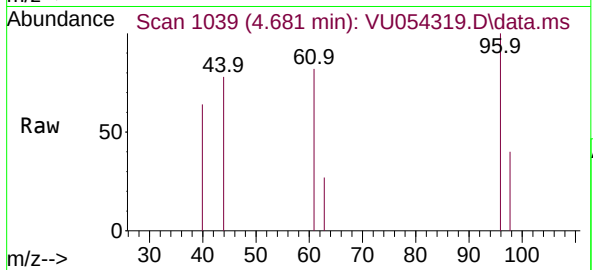
Tgt Ion:	84	Resp:	7191
Ion	Ratio	Lower	Upper
84	100		
49	111.4	86.6	129.8
51	39.4	26.6	40.0
86	66.0	50.6	75.8





#27
cis-1,2-Dichloroethene
Concen: 0.345 ug/l m
RT: 4.681 min Scan# 1039
Delta R.T. 0.023 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

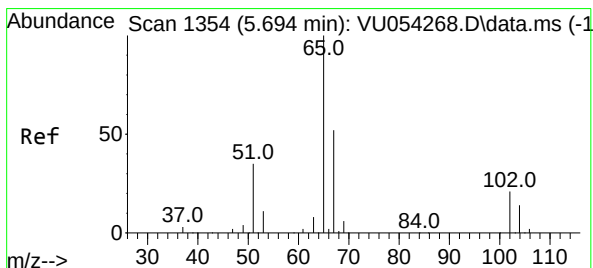
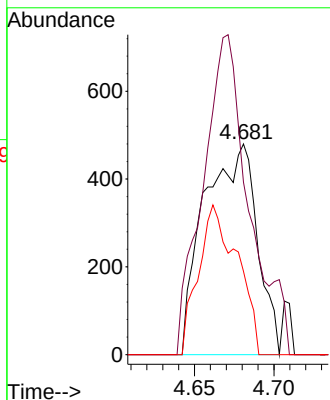
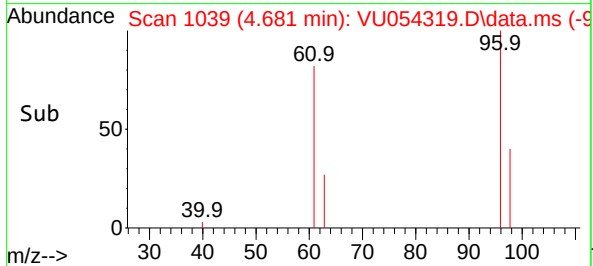
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523DL



Tgt Ion: 96 Resp: 1109
Ion Ratio Lower Upper
96 100
61 132.4 0.0 271.6
98 52.3 0.0 128.2

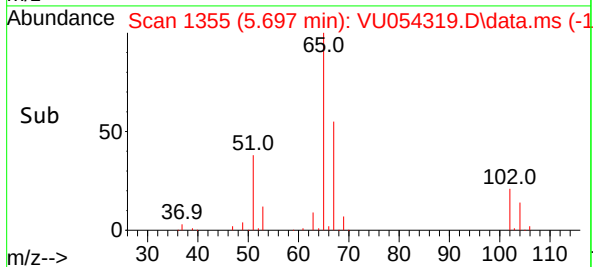
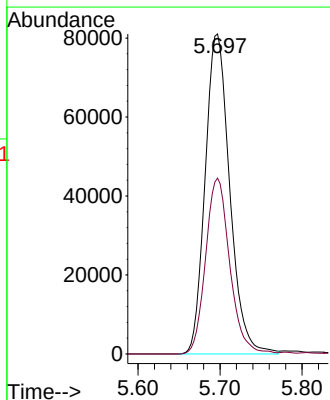
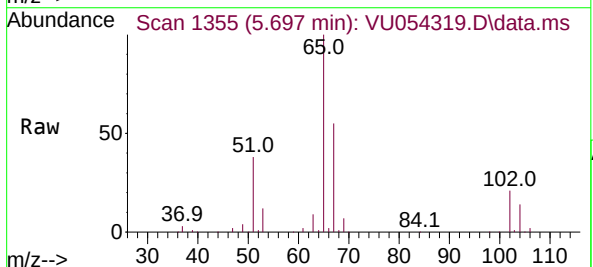
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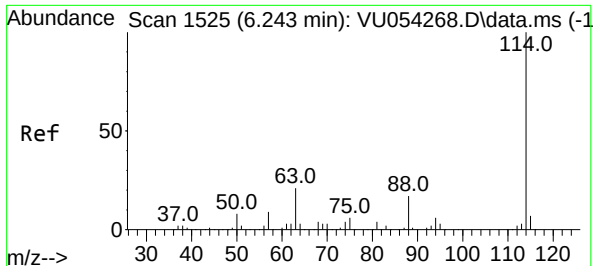
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#33
1,2-Dichloroethane-d4
Concen: 51.315 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

Tgt Ion: 65 Resp: 168695
Ion Ratio Lower Upper
65 100
67 54.0 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: VU054319.D

Acq: 30 May 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

RE134D3-20230523DL

Tgt Ion:114 Resp: 409754

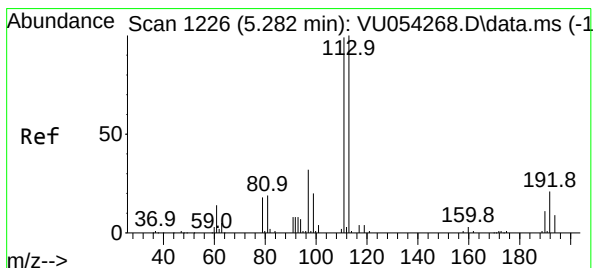
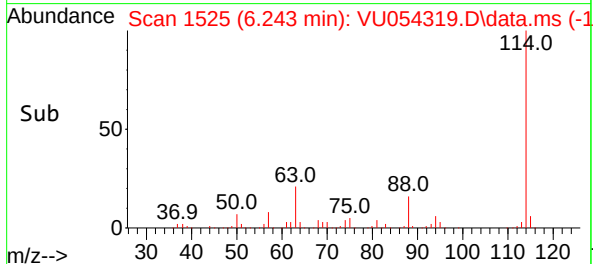
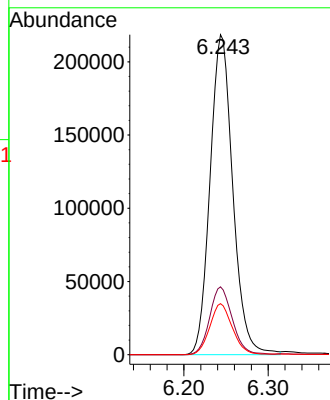
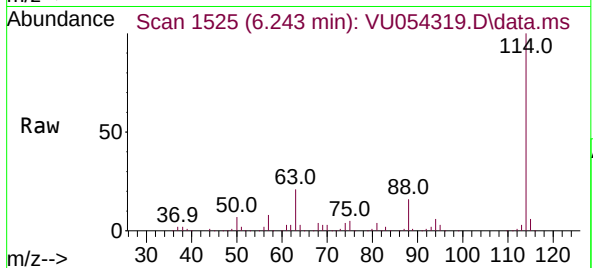
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.8
88	16.0	0.0	29.2

Manual Integrations

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Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#35

Dibromofluoromethane

Concen: 52.628 ug/l

RT: 5.282 min Scan# 1226

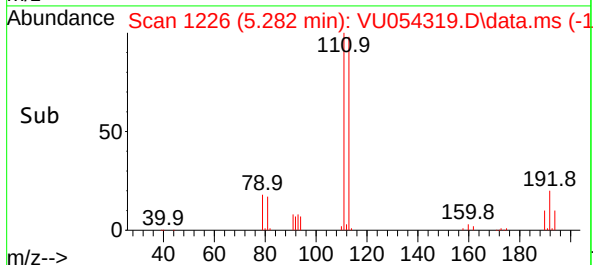
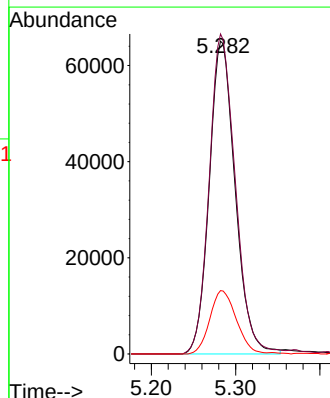
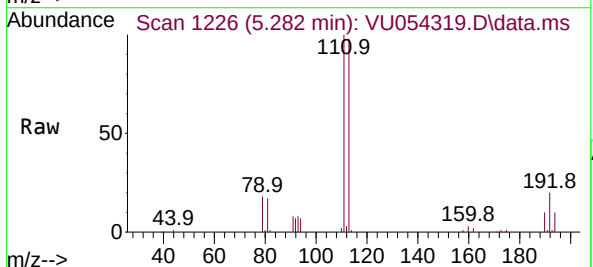
Delta R.T. 0.000 min

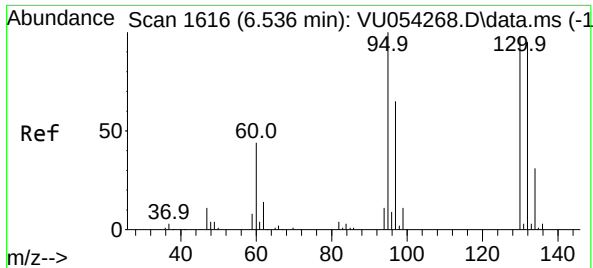
Lab File: VU054319.D

Acq: 30 May 2023 17:20

Tgt Ion:113 Resp: 138870

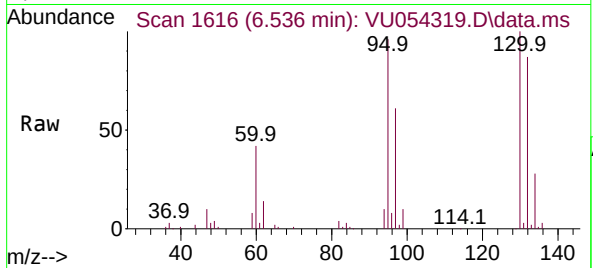
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	20.7	18.0	27.0





#44
Trichloroethene
Concen: 15.005 ug/l
RT: 6.536 min Scan# 10
Delta R.T. 0.000 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

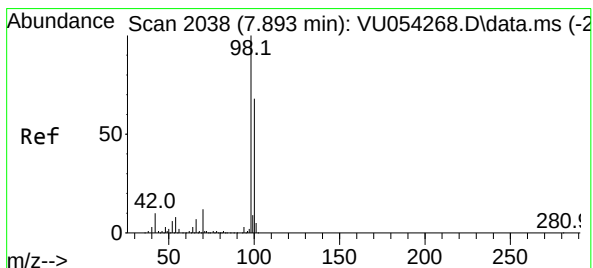
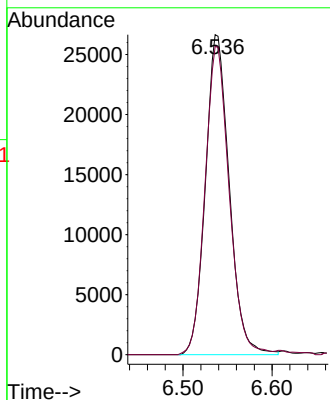
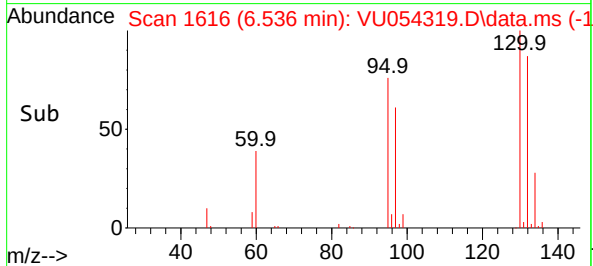
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523DL



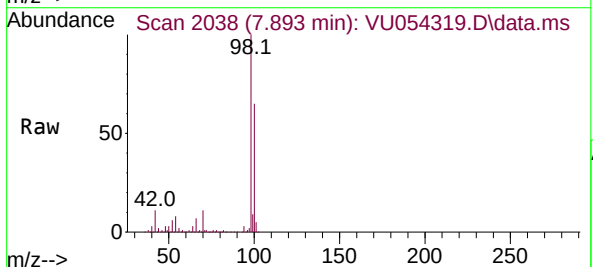
Tgt Ion:130 Resp: 49580
Ion Ratio Lower Upper
130 100
95 96.3 0.0 184.6

Manual Integrations
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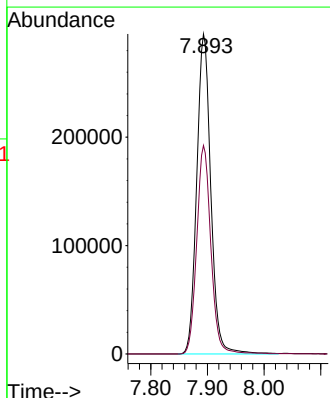
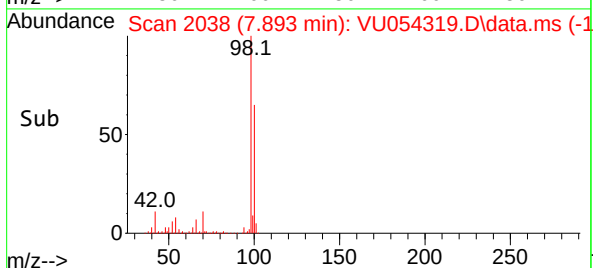
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

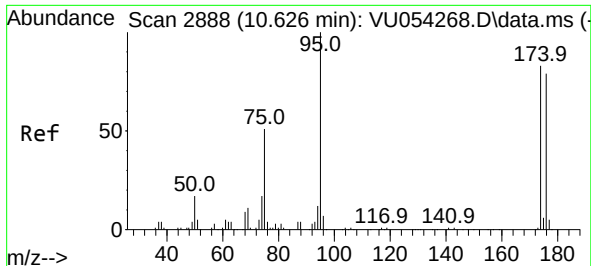


#50
Toluene-d8
Concen: 50.744 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20



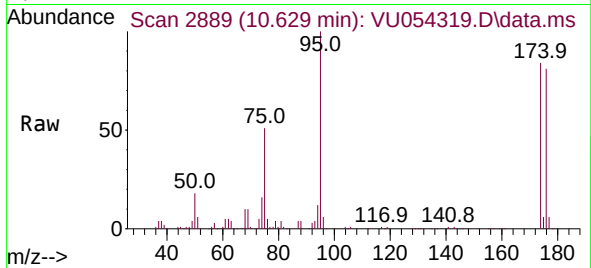
Tgt Ion: 98 Resp: 509314
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5





#62
4-Bromofluorobenzene
Concen: 44.583 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

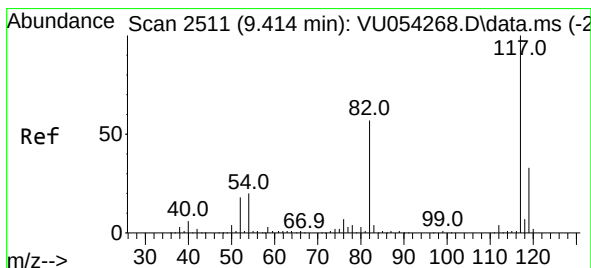
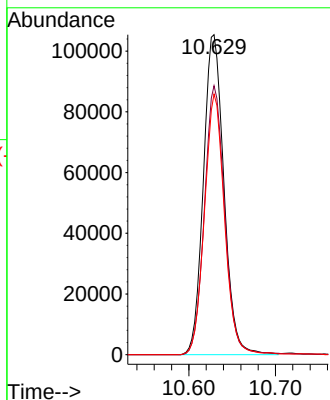
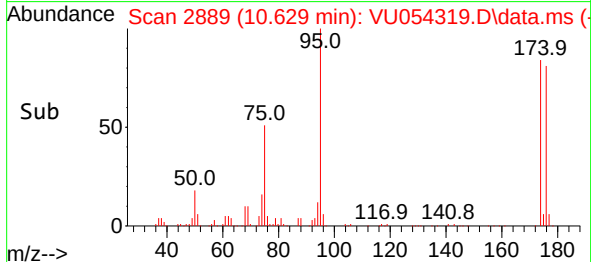
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523DL



Tgt Ion: 95 Resp: 17350
Ion Ratio Lower Upper
95 100
174 83.1 0.0 182.0
176 79.5 0.0 177.8

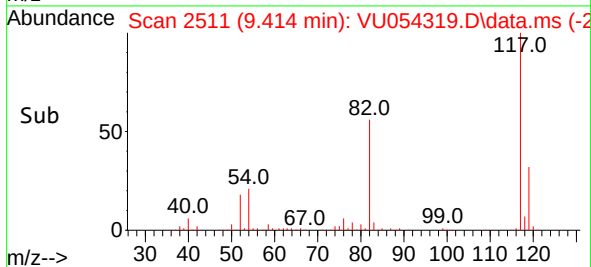
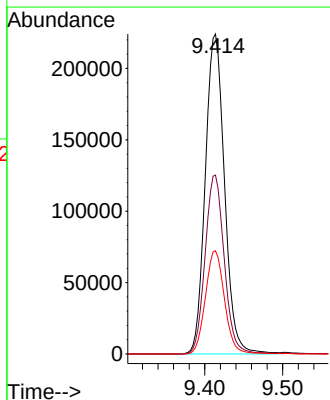
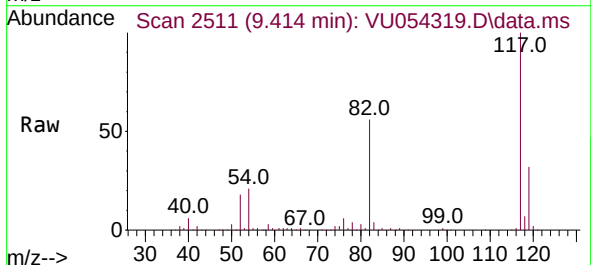
Manual Integrations
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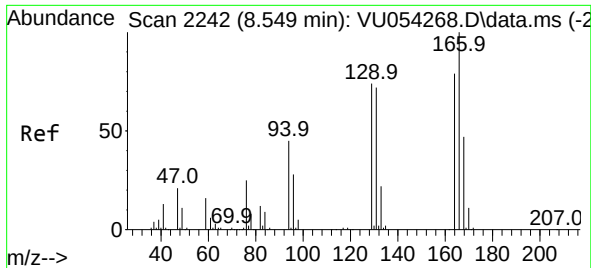
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

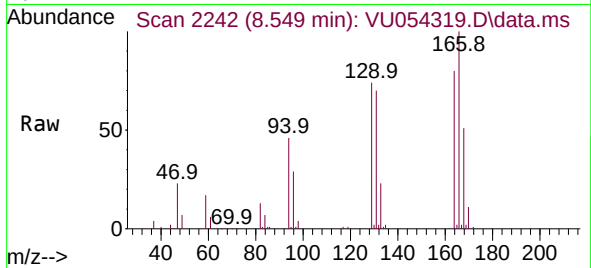
Tgt Ion:117 Resp: 385177
Ion Ratio Lower Upper
117 100
82 55.9 41.7 62.5
119 32.3 25.7 38.5





#64
Tetrachloroethene
Concen: 11.834 ug/l
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

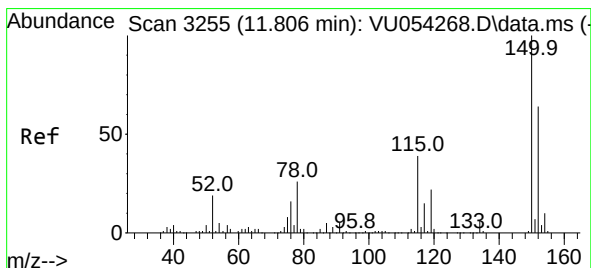
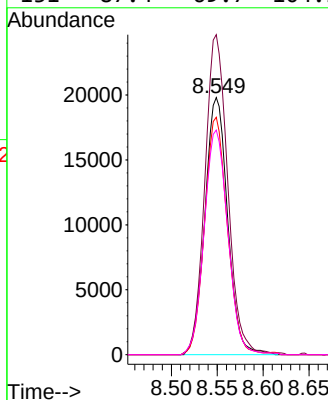
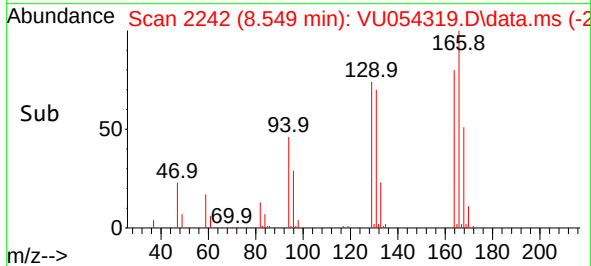
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523DL



Tgt Ion:164	Resp:	3430
Ion Ratio	Lower	Upper
164	100	
166	124.4	100.0 150.0
129	92.3	72.0 108.0
131	87.4	69.7 104.5

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Supervised By :Mahesh Dadoda 06/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054319.D
Acq: 30 May 2023 17:20

Tgt Ion:152	Resp:	180464
Ion Ratio	Lower	Upper
152	100	
115	57.5	37.0 110.9
150	156.8	0.0 342.2

