

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054318.D
 Acq On : 30 May 2023 16:56
 Operator : JC/MD
 Sample : 02912-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE134D3-20230523

Quant Time: May 31 06:28:49 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

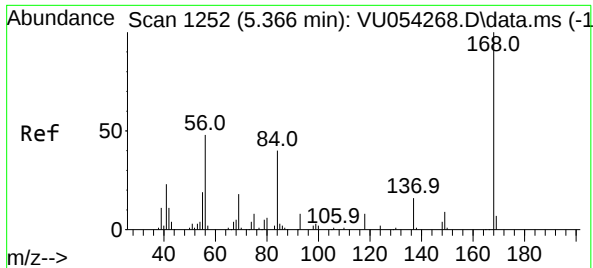
Manual Integrations APPROVED

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

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

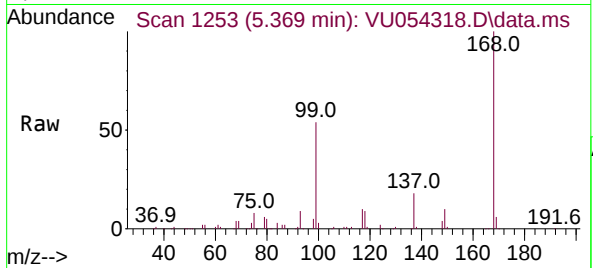
Internal Standards						
1) Pentafluorobenzene	5.369	168	257178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	422183	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	391974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	185482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.693	65	175701	52.116	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.240%			
35) Dibromofluoromethane	5.285	113	141018	51.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	7.893	98	517881	50.079	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.160%			
62) 4-Bromofluorobenzene	10.629	95	178263	44.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	654	0.228	ug/l	96
3) Chloromethane	1.517	50	3018	0.803	ug/l #	83
9) 1,1,2-Trichlorotrifluo...	2.575	101	1672346	625.950	ug/l	96
12) 1,1-Dichloroethene	2.575	96	12403	4.484	ug/l #	86
16) Acetone	2.642	43	1083	0.560	ug/l #	80
20) Methylene Chloride	3.038	84	906	0.260	ug/l #	88
27) cis-1,2-Dichloroethene	4.661	96	10231	3.105	ug/l	98
30) Chloroform	5.079	83	1317	0.238	ug/l	97
44) Trichloroethene	6.536	130	458416	134.634	ug/l	92
45) 1,2-Dichloropropane	6.790	63	2470	0.777	ug/l	95
49) 1,4-Dioxane	6.996	88	2142m	23.307	ug/l	
64) Tetrachloroethene	8.549	164	341152	115.641	ug/l	97

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

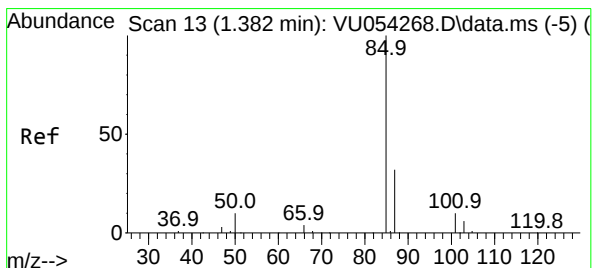
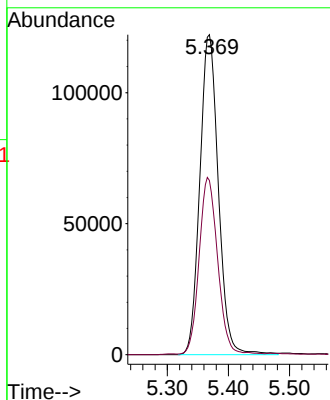
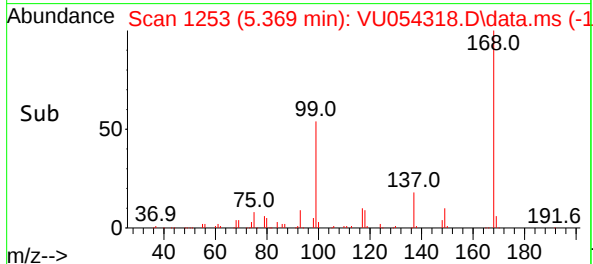
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



Tgt Ion:168 Resp: 257178
Ion Ratio Lower Upper
168 100
99 54.3 39.3 58.9

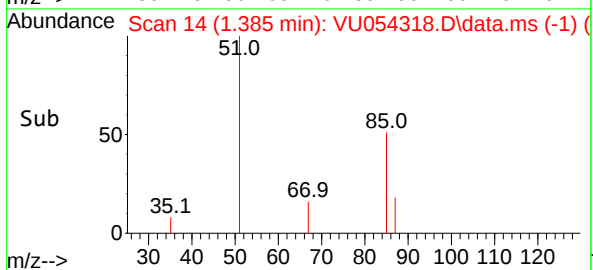
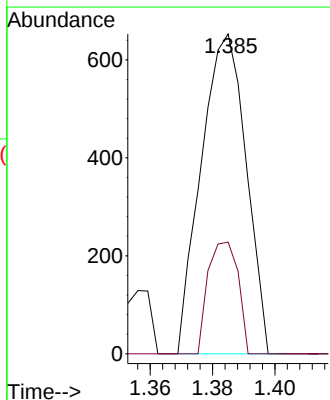
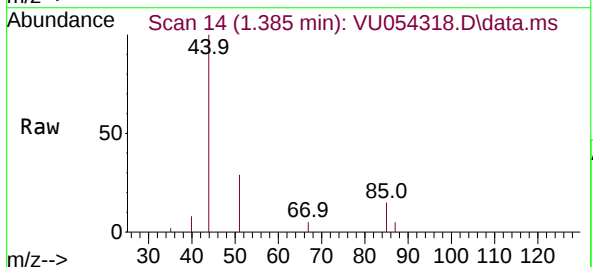
Manual Integrations
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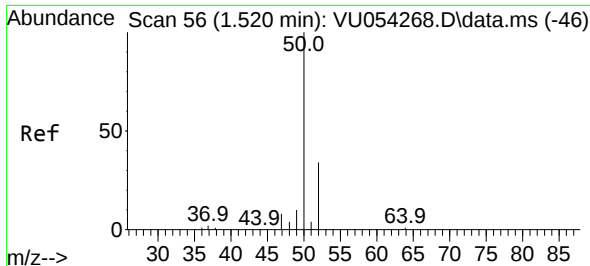
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#2
Dichlorodifluoromethane
Concen: 0.228 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

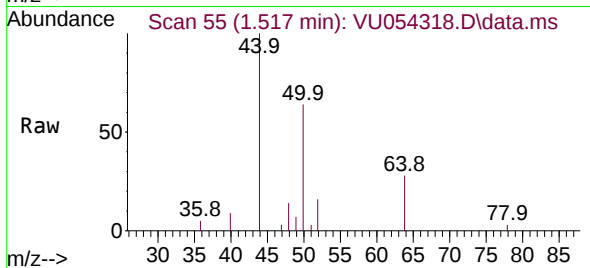
Tgt Ion: 85 Resp: 654
Ion Ratio Lower Upper
85 100
87 34.9 16.4 49.2





#3
Chloromethane
Concen: 0.803 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

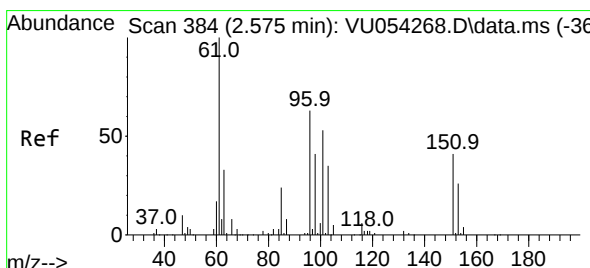
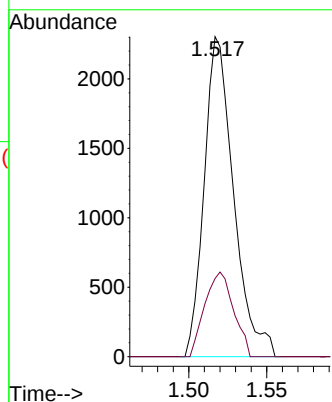
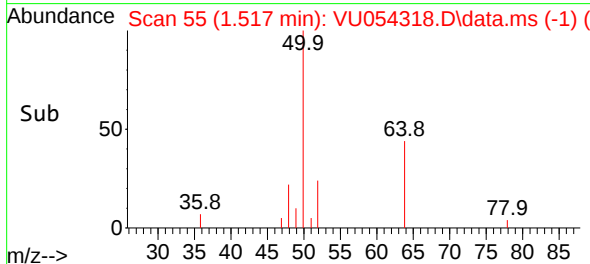
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



Tgt Ion: 50 Resp: 3018
Ion Ratio Lower Upper
50 100
52 24.4 27.4 41.2

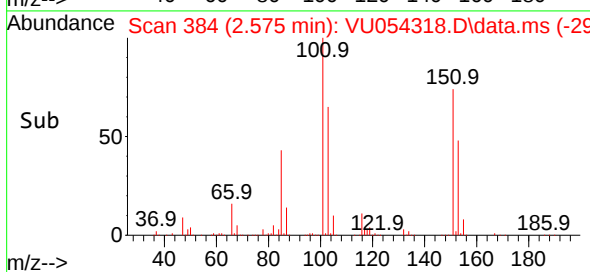
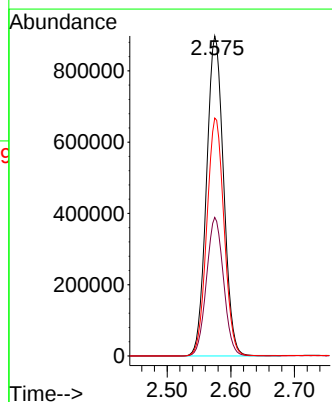
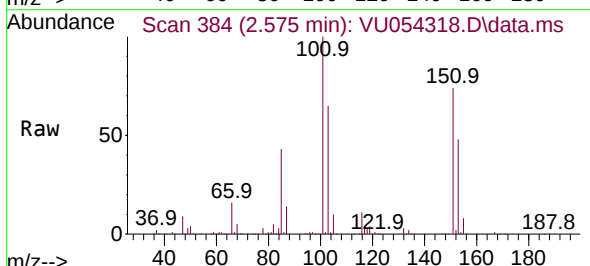
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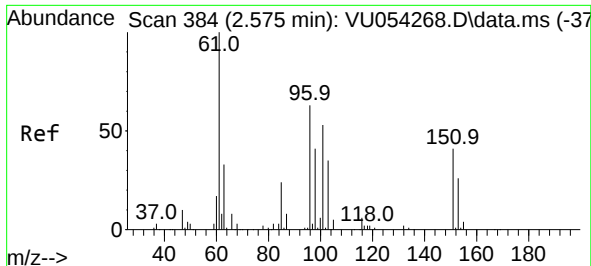
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 625.950 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

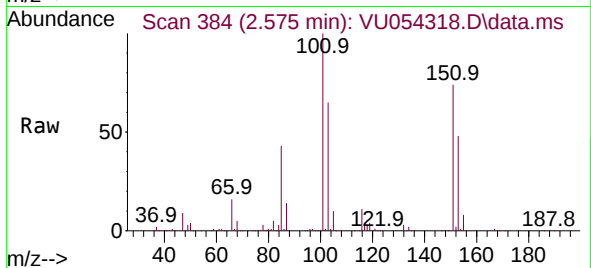
Tgt Ion:101 Resp: 1672346
Ion Ratio Lower Upper
101 100
85 43.3 33.9 50.9
151 75.0 64.0 96.0





#12
1,1-Dichloroethene
Concen: 4.484 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

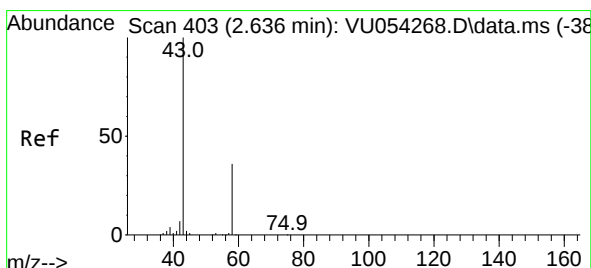
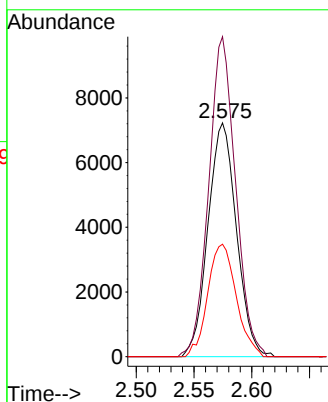
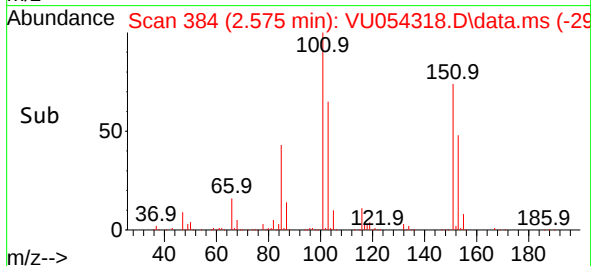
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



Tgt Ion: 96 Resp: 1240
Ion Ratio Lower Upper
96 100
61 136.9 122.2 183.2
98 48.1 50.7 76.1

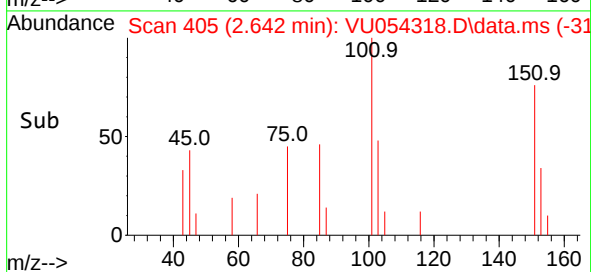
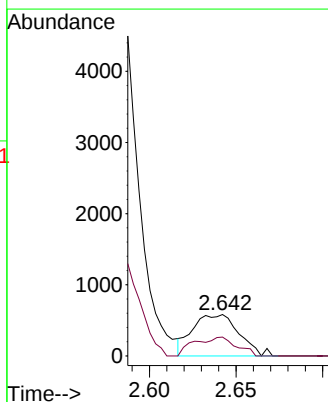
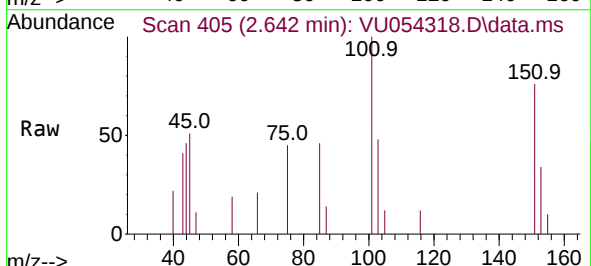
Manual Integrations
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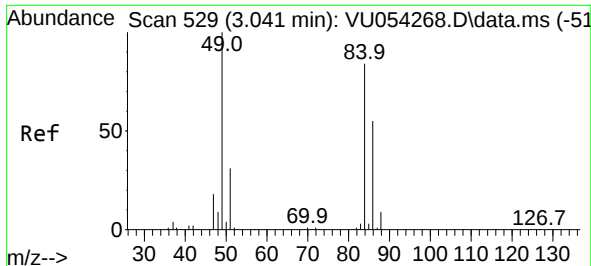
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#16
Acetone
Concen: 0.560 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

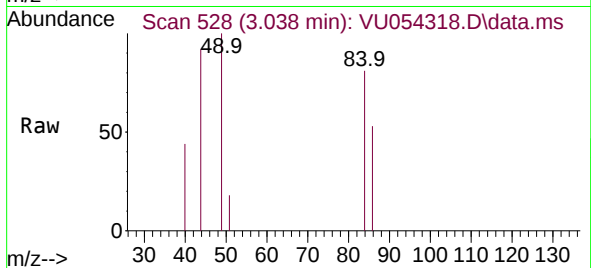
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 45.7 27.5 41.3#





#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

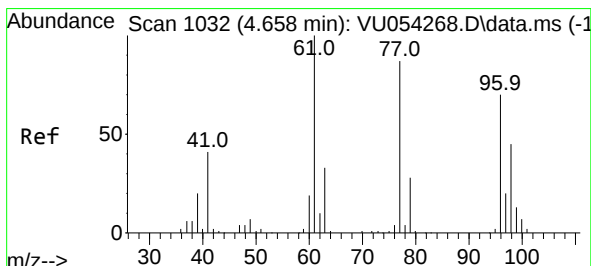
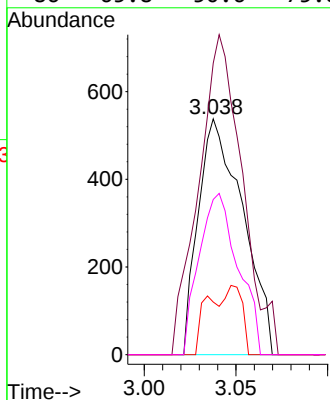
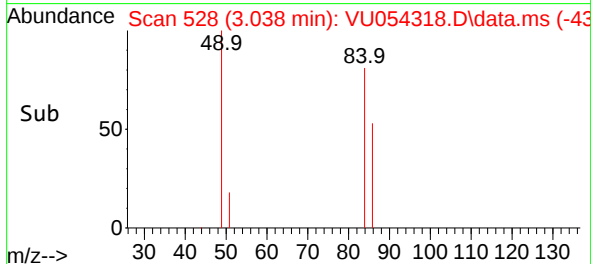
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



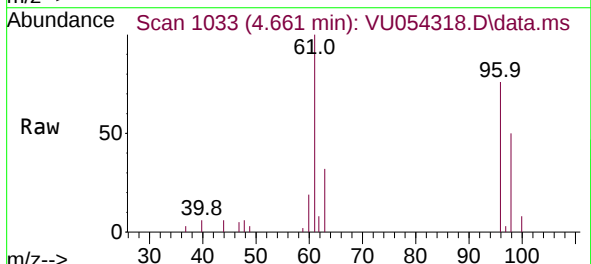
Tgt Ion: 84 Resp: 900
Ion Ratio Lower Upper
84 100
49 123.6 86.6 129.8
51 22.3 26.6 40.0
86 65.8 50.6 75.8

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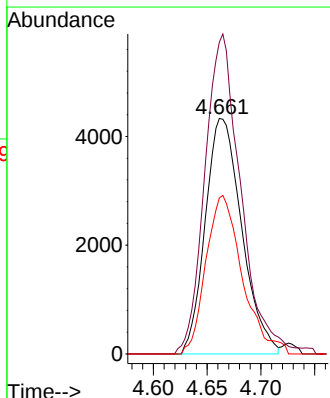
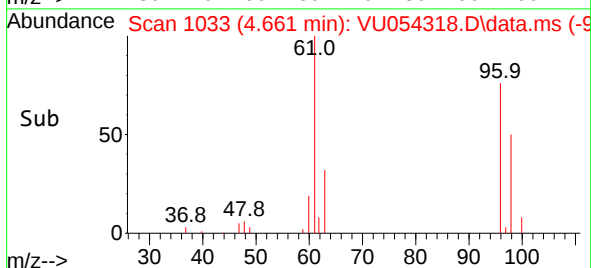
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

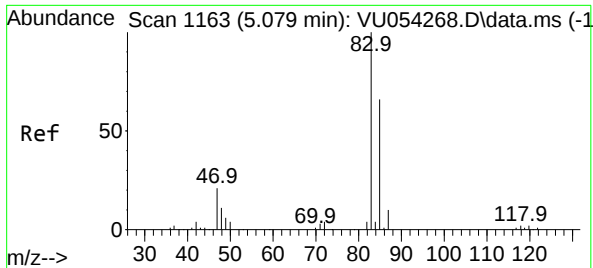


#27
cis-1,2-Dichloroethene
Concen: 3.105 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56



Tgt Ion: 96 Resp: 10231
Ion Ratio Lower Upper
96 100
61 134.1 0.0 271.6
98 67.0 0.0 128.2





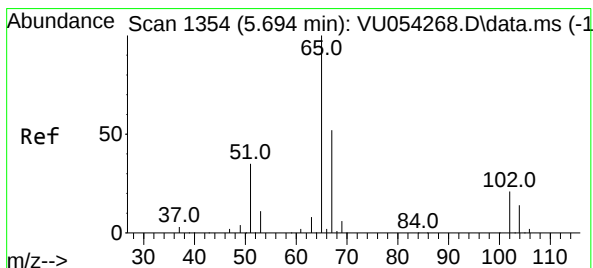
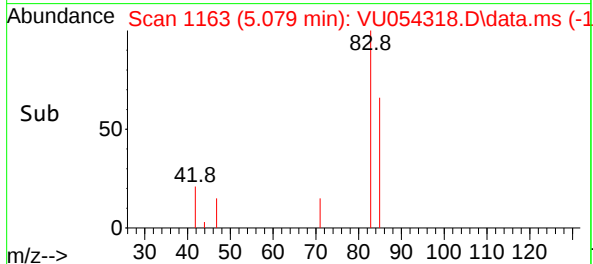
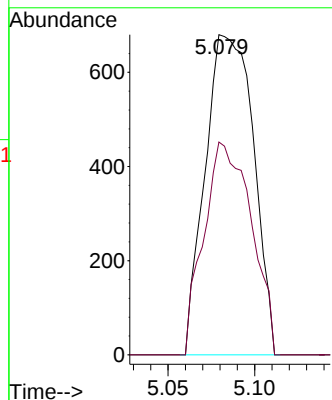
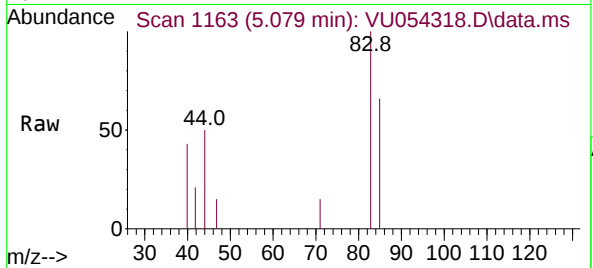
#30
Chloroform
Concen: 0.238 ug/l
RT: 5.079 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523

Tgt Ion: 83 Resp: 131
Ion Ratio Lower Upper
83 100
85 66.5 51.2 76.8

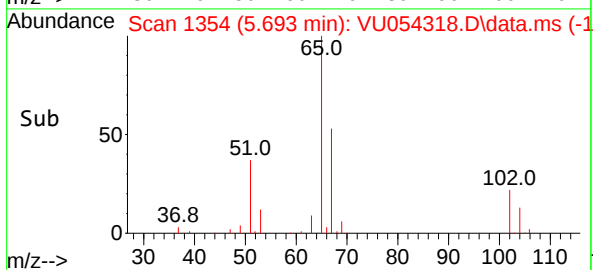
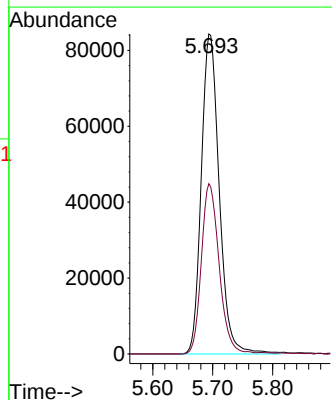
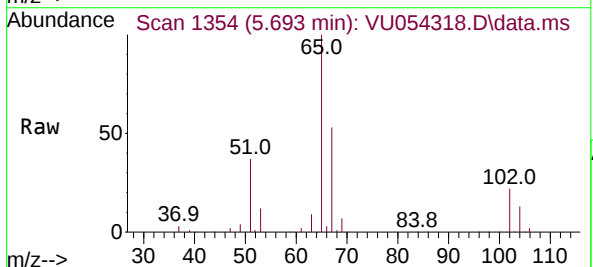
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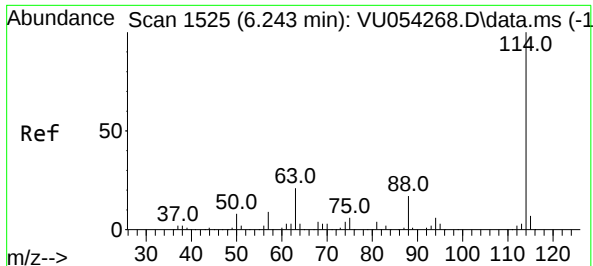
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#33
1,2-Dichloroethane-d4
Concen: 52.116 ug/l
RT: 5.693 min Scan# 1354
Delta R.T. -0.001 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

Tgt Ion: 65 Resp: 175701
Ion Ratio Lower Upper
65 100
67 52.7 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: VU054318.D

Acq: 30 May 2023 16:56

Instrument :

MSVOA_U

ClientSampleId :

RE134D3-20230523

Tgt Ion:114 Resp: 42218

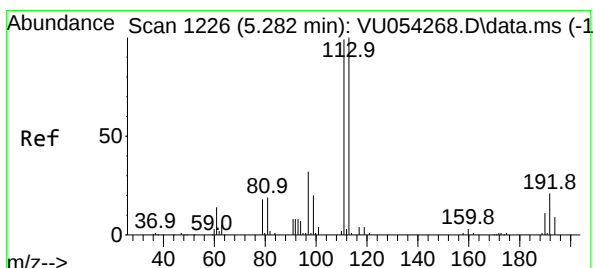
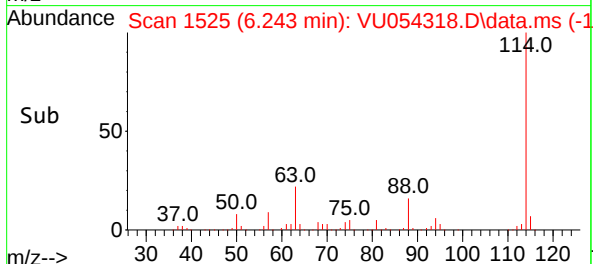
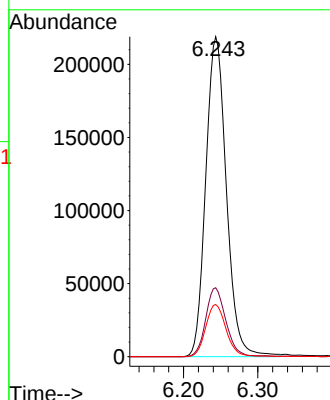
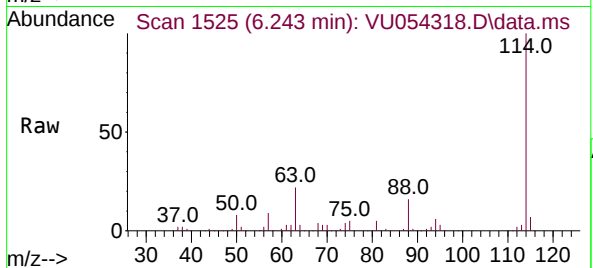
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	37.8
88	16.3	0.0	29.2

Manual Integrations

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Supervised By :Mahesh Dadoda 06/01/2023



#35

Dibromofluoromethane

Concen: 51.868 ug/l

RT: 5.285 min Scan# 1227

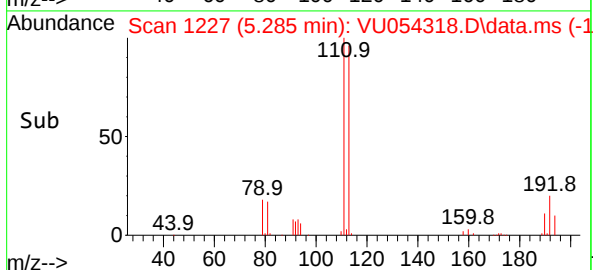
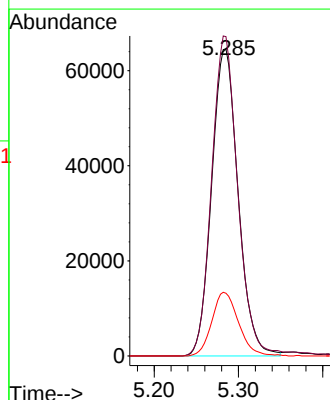
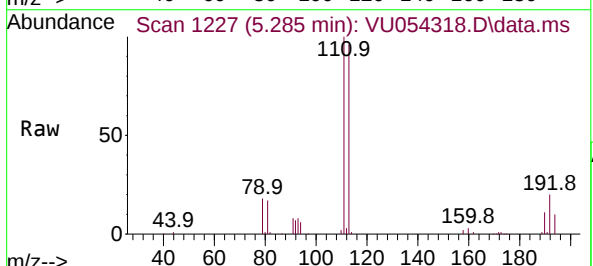
Delta R.T. 0.003 min

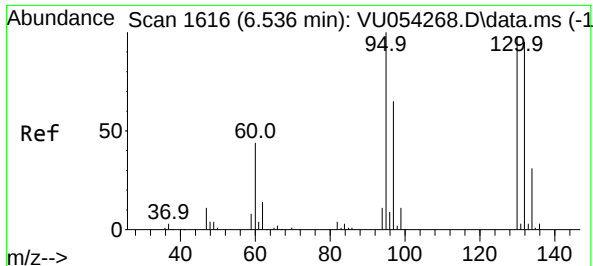
Lab File: VU054318.D

Acq: 30 May 2023 16:56

Tgt Ion:113 Resp: 141018

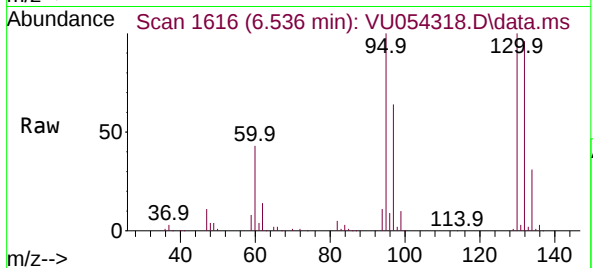
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	20.9	18.0	27.0





#44
Trichloroethene
Concen: 134.634 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

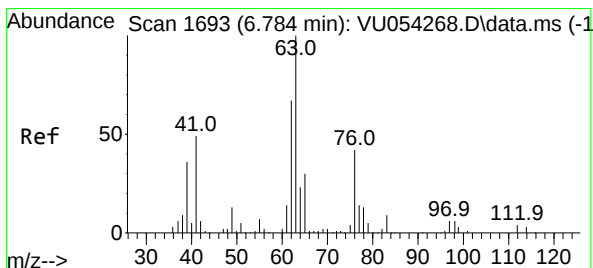
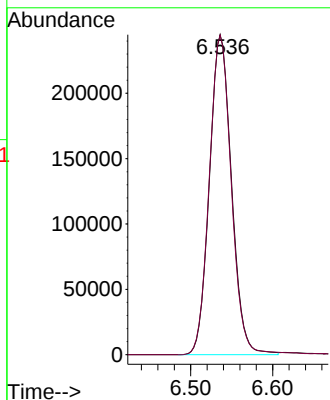
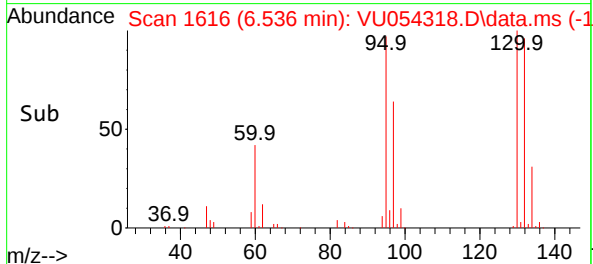
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



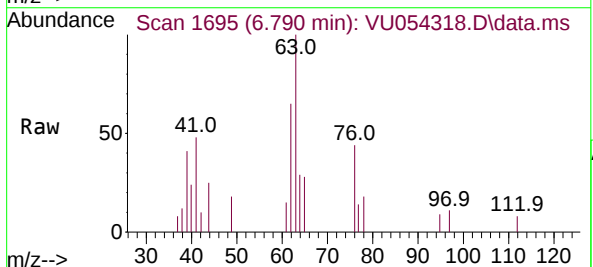
Tgt Ion:130 Resp: 458410
Ion Ratio Lower Upper
130 100
95 99.8 0.0 184.6

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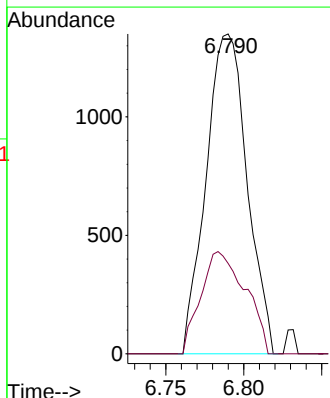
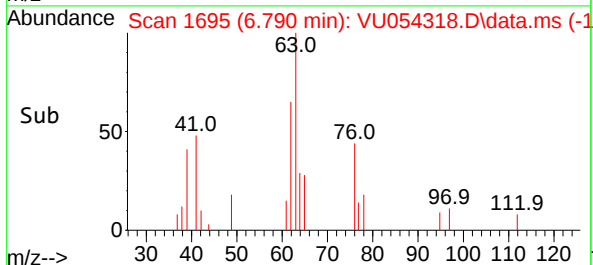
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

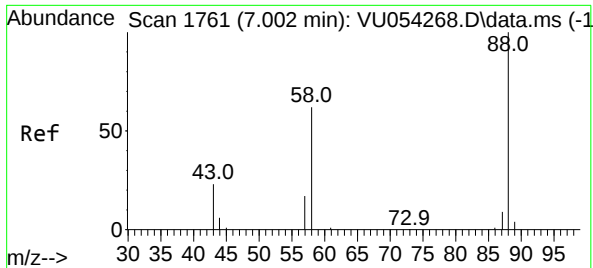


#45
1,2-Dichloropropane
Concen: 0.777 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56



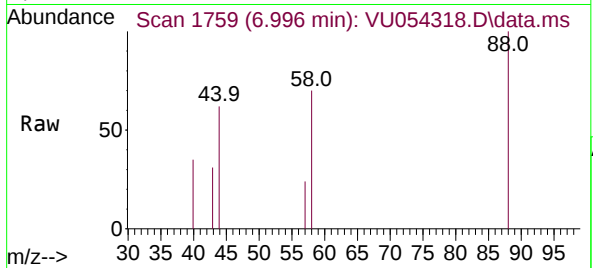
Tgt Ion: 63 Resp: 2470
Ion Ratio Lower Upper
63 100
65 28.3 25.0 37.4





#49
1,4-Dioxane
Concen: 23.307 ug/l m
RT: 6.996 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

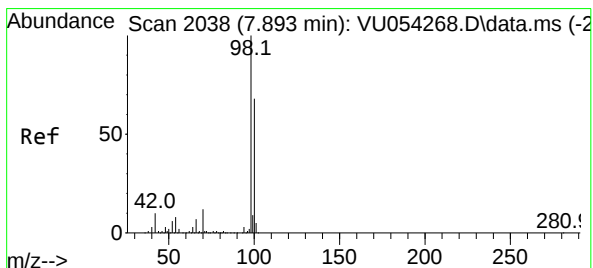
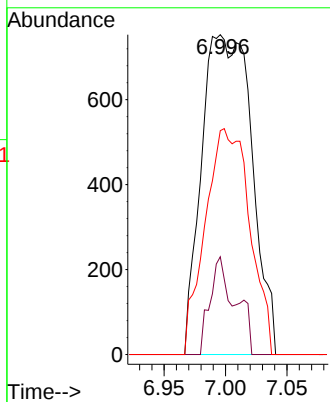
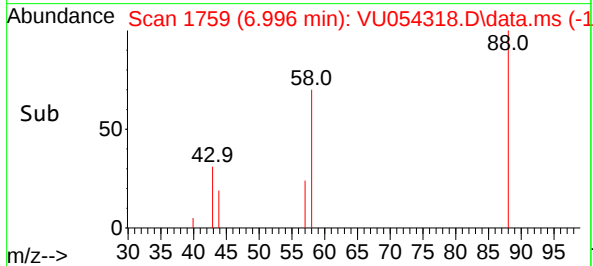
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
43 10.9 0.0 0.0
58 62.7 15.4 23.0

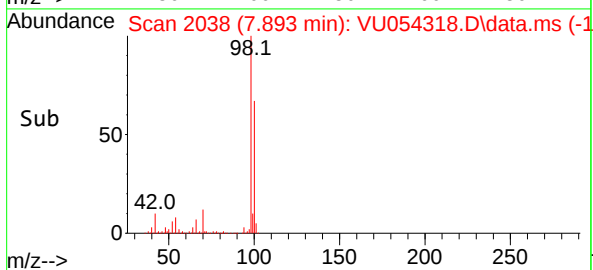
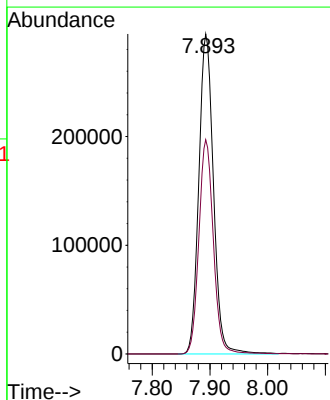
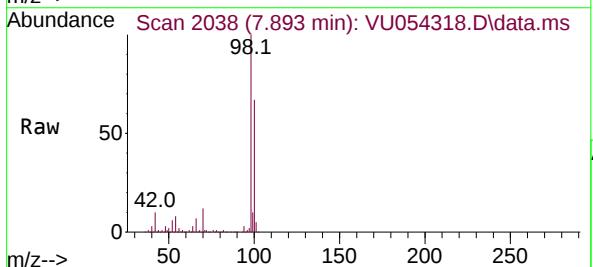
Manual Integrations
APPROVED

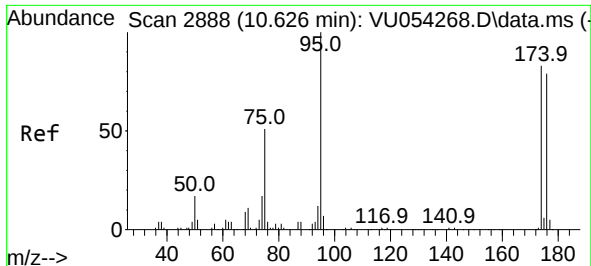
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

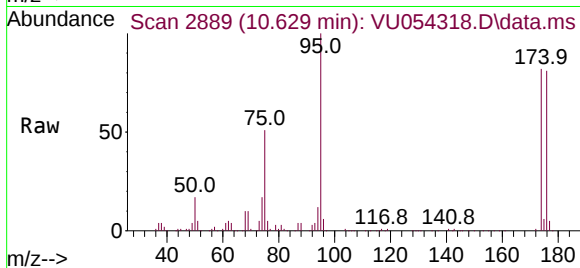
Tgt Ion: 98 Resp: 517881
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5





#62
4-Bromofluorobenzene
Concen: 44.457 ug/l
RT: 10.629 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

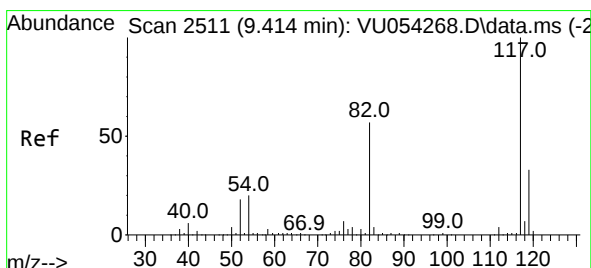
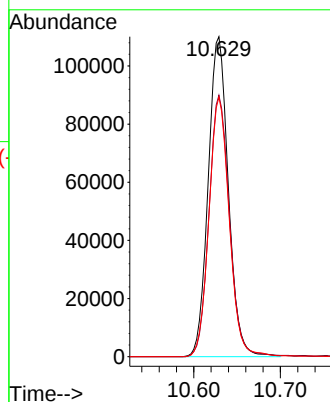
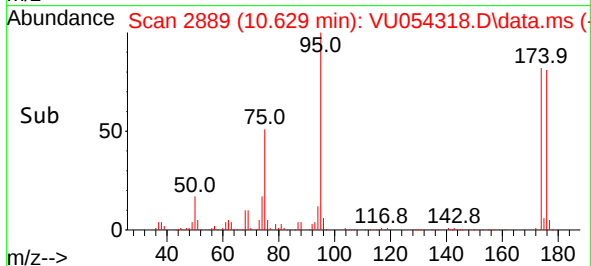
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



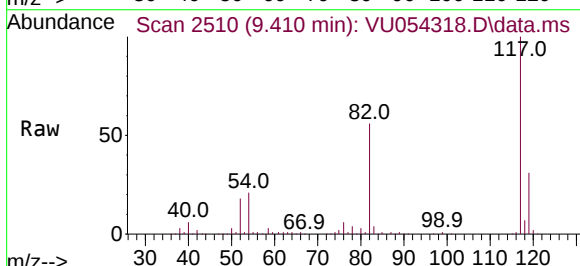
Tgt Ion: 95 Resp: 17826
Ion Ratio Lower Upper
95 100
174 83.0 0.0 182.0
176 81.5 0.0 177.8

Manual Integrations
APPROVED

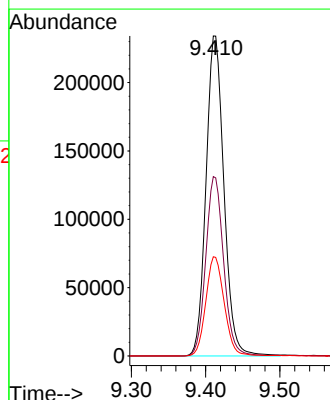
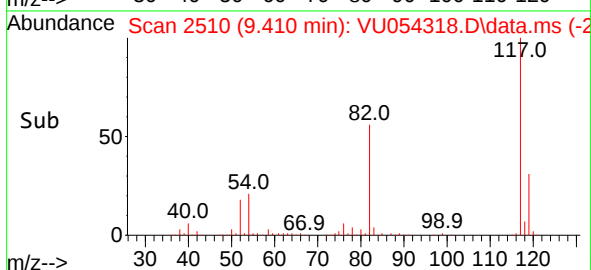
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

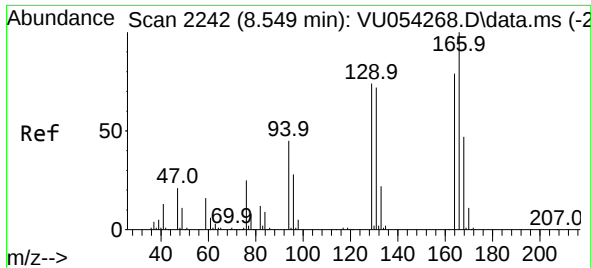


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2510
Delta R.T. -0.004 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56



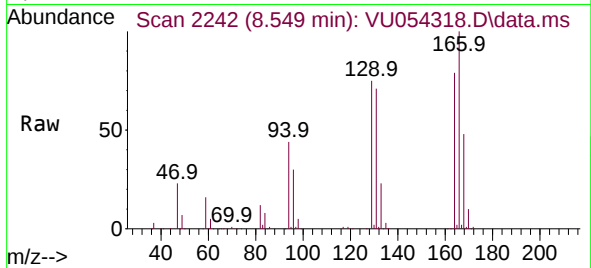
Tgt Ion:117 Resp: 391974
Ion Ratio Lower Upper
117 100
82 56.0 41.7 62.5
119 31.0 25.7 38.5





#64
Tetrachloroethene
Concen: 115.641 ug/l
RT: 8.549 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VU054318.D
Acq: 30 May 2023 16:56

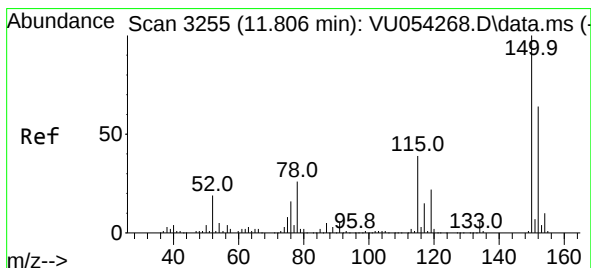
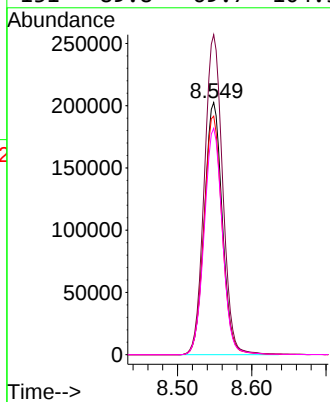
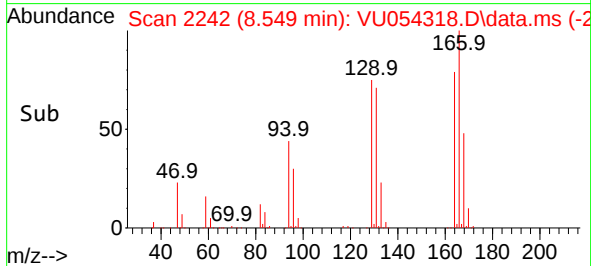
Instrument :
MSVOA_U
ClientSampleId :
RE134D3-20230523



Tgt Ion:164	Resp: 341152
Ion Ratio	Lower Upper
164 100	
166 126.9	100.0 150.0
129 94.6	72.0 108.0
131 89.8	69.7 104.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/01/2023
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: VU054318.D
Acq: 30 May 2023 16:56

Tgt Ion:152	Resp:	185482	
Ion	Ratio	Lower	Upper
152	100		
115	58.8	37.0	110.9
150	158.8	0.0	342.2

