

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049495.D
 Acq On : 29 Jun 2022 06:06
 Operator : SY/MD
 Sample : N3457-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D2-20220621

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 08:03:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	299854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	523075	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	474633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	219791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	203940	44.162	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.320%		
35) Dibromofluoromethane	5.289	113	164352	44.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.820%		
50) Toluene-d8	7.896	98	619821	47.486	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.980%		
62) 4-Bromofluorobenzene	10.633	95	231325	46.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1182	0.245	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.581	101	38476	11.567	ug/l	95
12) 1,1-Dichloroethene	2.578	96	11801	3.623	ug/l	100
24) 1,1-Dichloroethane	3.877	63	3454	0.478	ug/l #	82
27) cis-1,2-Dichloroethene	4.665	96	15024	3.704	ug/l	94
30) Chloroform	5.093	83	2562	0.359	ug/l	94
38) Carbon Tetrachloride	5.520	117	1603	0.288	ug/l #	91
44) Trichloroethene	6.543	130	1045763	274.591	ug/l	88
49) 1,4-Dioxane	6.986	88	3461m	27.132	ug/l	
55) 1,1,2-Trichloroethane	8.401	97	1306	0.332	ug/l #	90
64) Tetrachloroethene	8.552	164	20878	6.858	ug/l	95

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

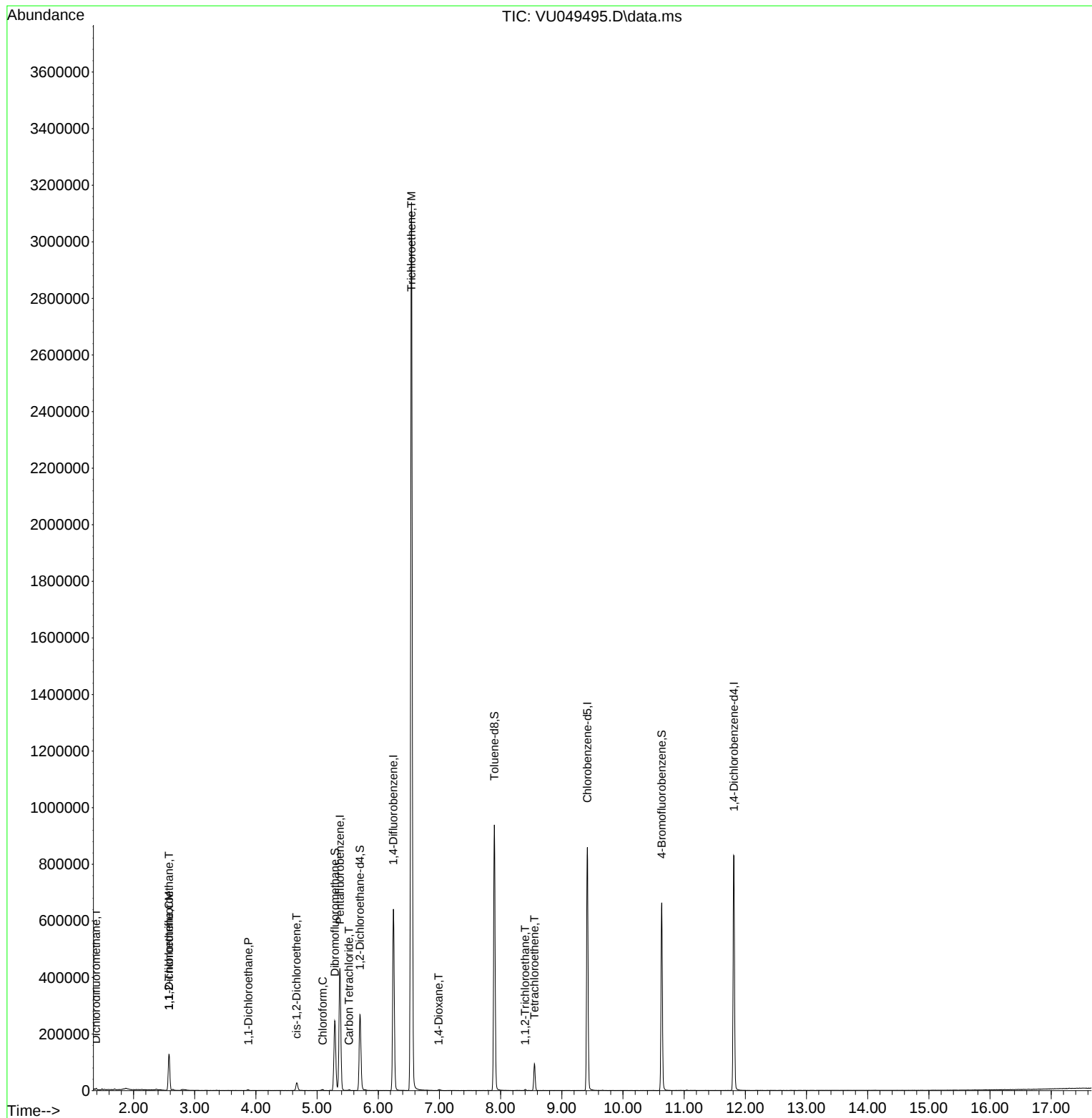
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
Data File : VU049495.D
Acq On : 29 Jun 2022 06:06
Operator : SY/MD
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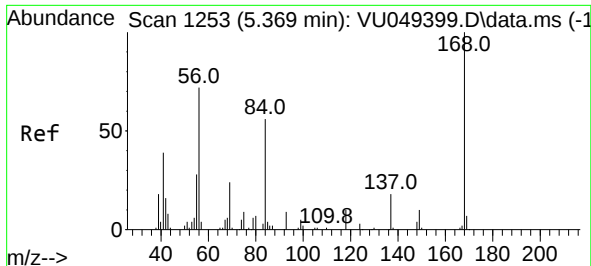
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Jun 29 08:03:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
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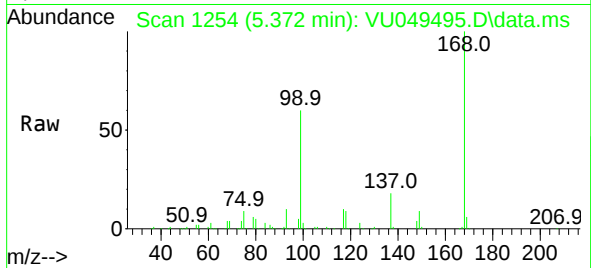
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

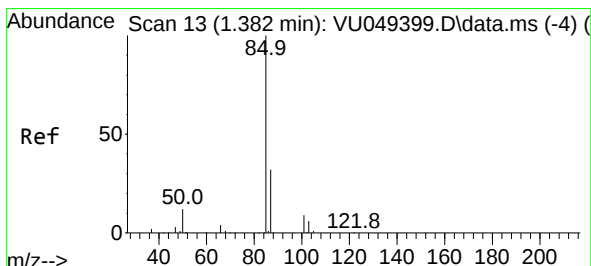
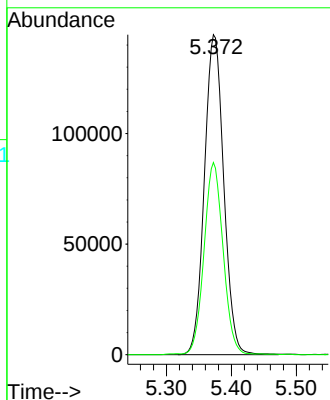
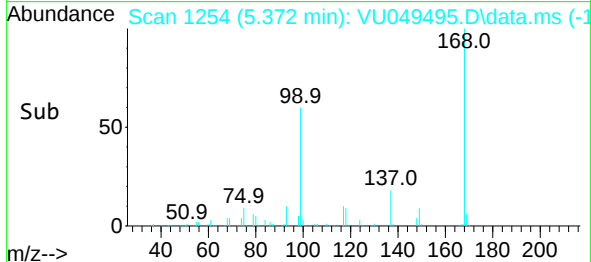
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20220621



Tgt Ion:168 Resp: 299854
Ion Ratio Lower Upper
168 100
99 59.9 39.3 58.9

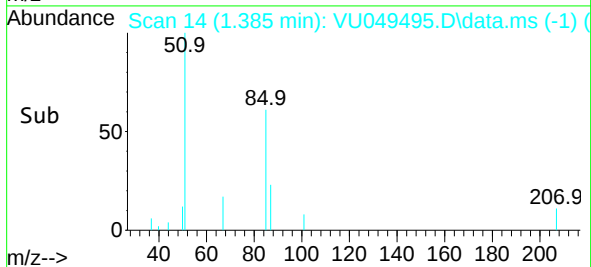
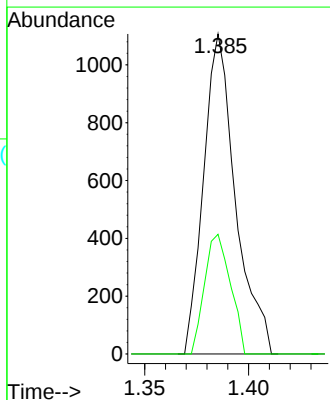
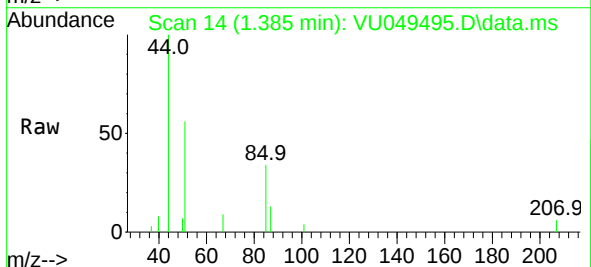
Manual Integrations
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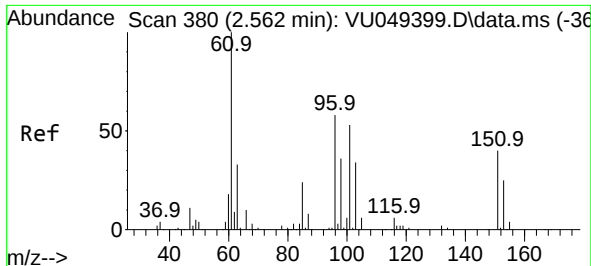
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#2
Dichlorodifluoromethane
Concen: 0.245 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

Tgt Ion: 85 Resp: 1182
Ion Ratio Lower Upper
85 100
87 37.4 16.4 49.2





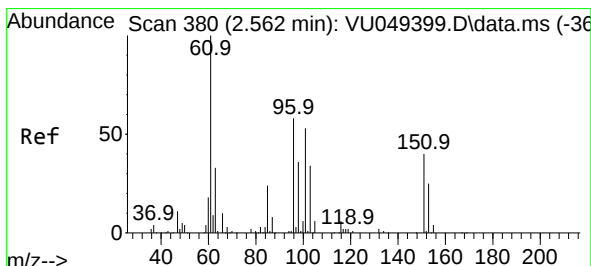
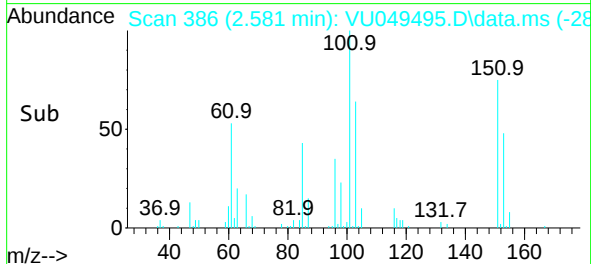
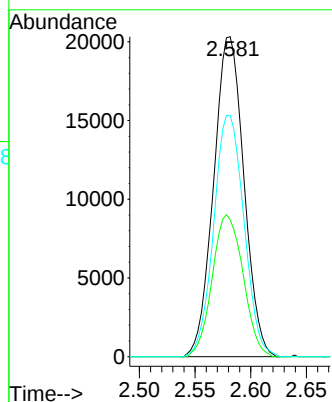
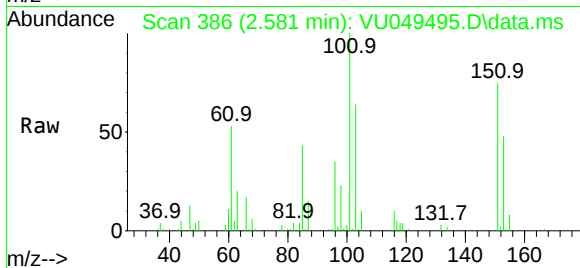
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.567 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.020 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20220621

Tgt Ion:101 Resp: 38470
Ion Ratio Lower Upper
101 100
85 45.1 33.9 50.9
151 75.5 64.0 96.0

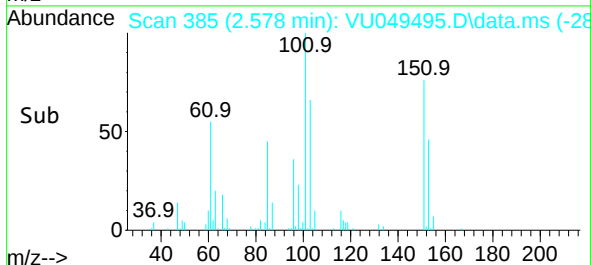
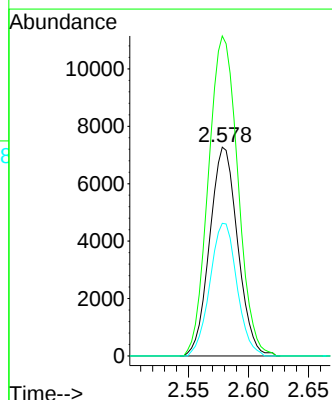
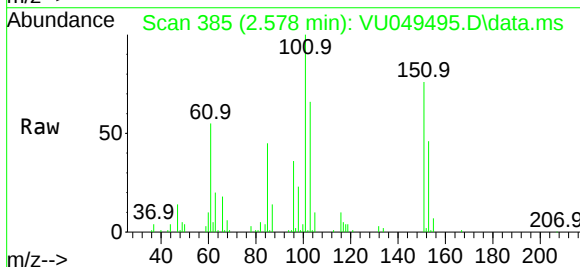
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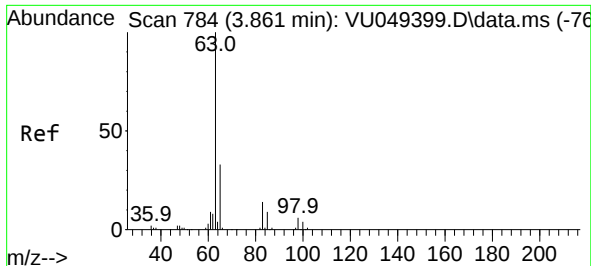
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#12
1,1-Dichloroethene
Concen: 3.623 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

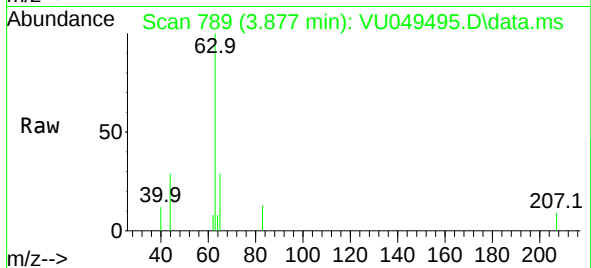
Tgt Ion: 96 Resp: 11801
Ion Ratio Lower Upper
96 100
61 153.3 122.2 183.2
98 63.5 50.7 76.1





#24
1,1-Dichloroethane
Concen: 0.478 ug/l
RT: 3.877 min Scan# 71
Delta R.T. 0.016 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

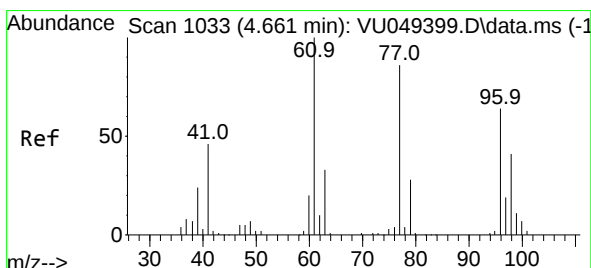
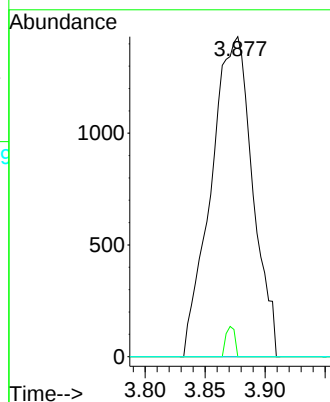
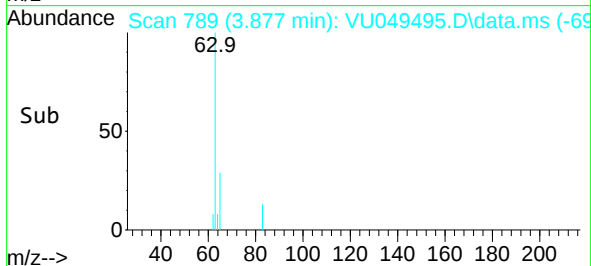
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20220621



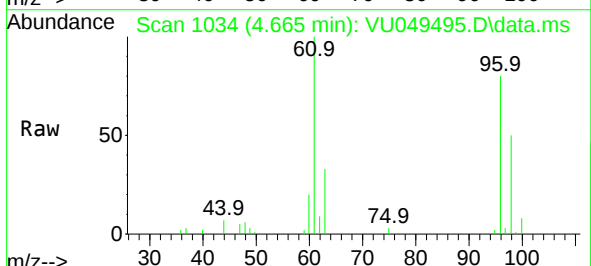
Tgt Ion: 63 Resp: 3454
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9
100 0.0 2.4 7.2

Manual Integrations
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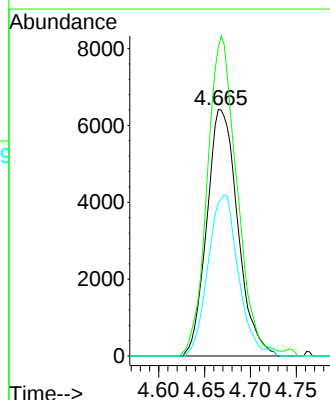
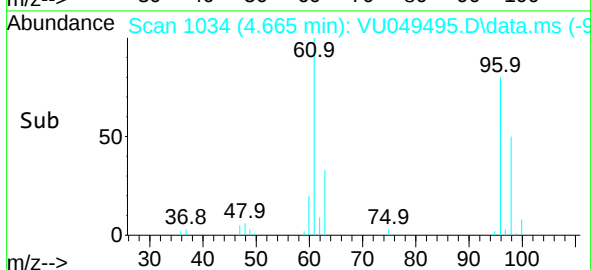
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

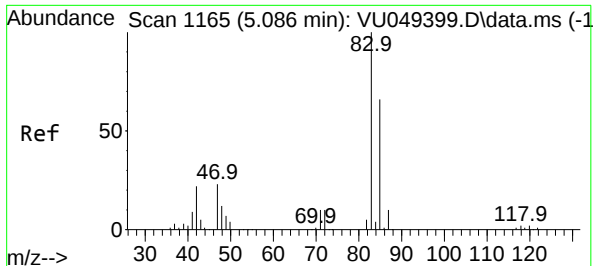


#27
cis-1,2-Dichloroethene
Concen: 3.704 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06



Tgt Ion: 96 Resp: 15024
Ion Ratio Lower Upper
96 100
61 124.8 0.0 271.6
98 64.1 0.0 128.2





#30

Chloroform

Concen: 0.359 ug/l

RT: 5.093 min Scan# 1167

Delta R.T. 0.007 min

Lab File: VU049495.D

Acq: 29 Jun 2022 06:06

Instrument :

MSVOA_U

ClientSampleId :

RE125D2-20220621

Tgt Ion: 83 Resp: 256

Ion Ratio Lower Upper

83 100

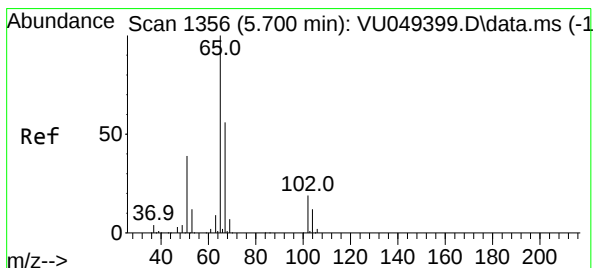
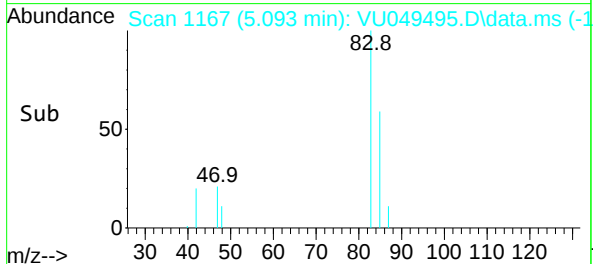
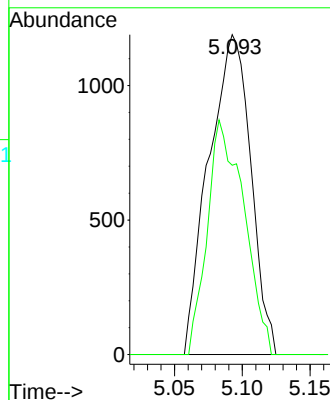
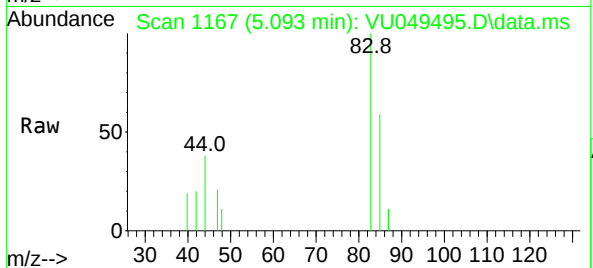
85 59.2 51.2 76.8

Manual Integrations

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Reviewed By :Krupa Patel 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#33

1,2-Dichloroethane-d4

Concen: 44.162 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU049495.D

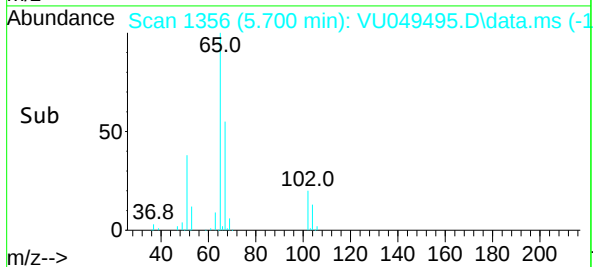
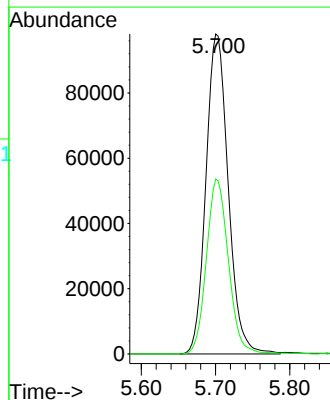
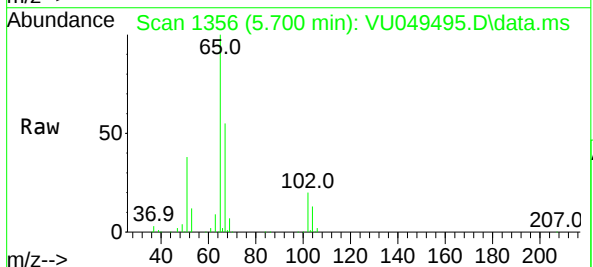
Acq: 29 Jun 2022 06:06

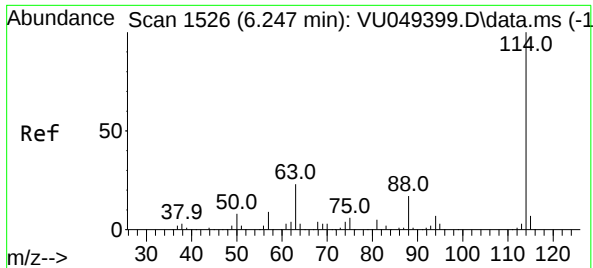
Tgt Ion: 65 Resp: 203940

Ion Ratio Lower Upper

65 100

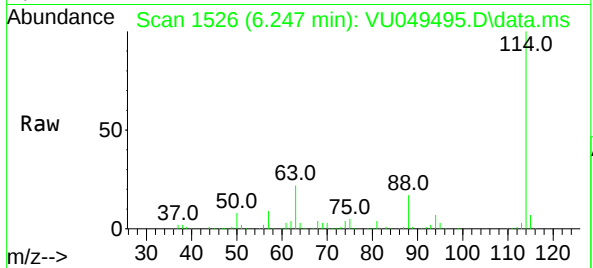
67 54.1 0.0 108.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 114
Delta R.T. 0.000 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

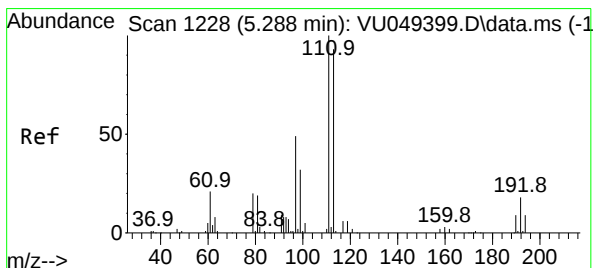
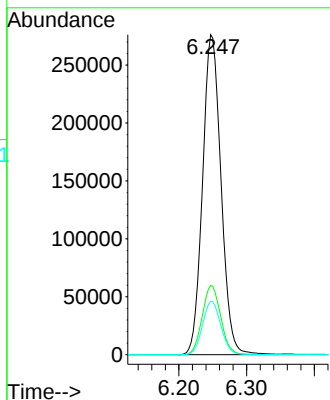
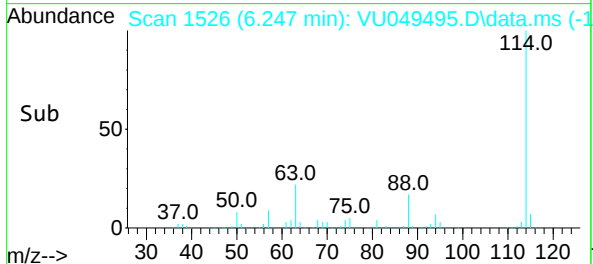
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ClientSampleId :
RE125D2-20220621



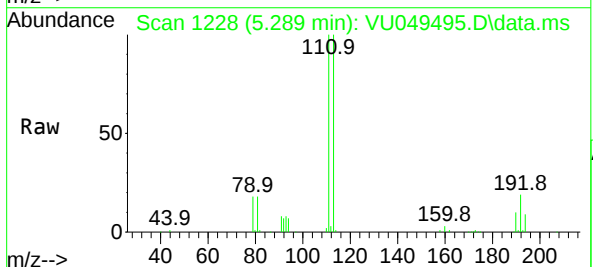
Tgt Ion:114 Resp: 523079
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 16.7 0.0 29.2

Manual Integrations
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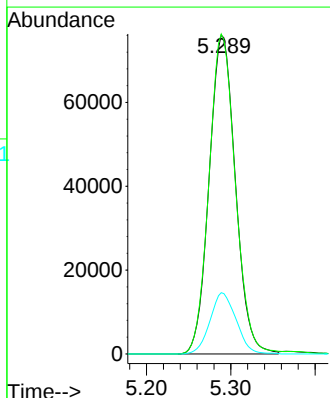
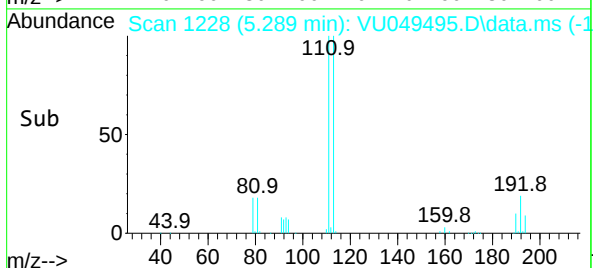
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

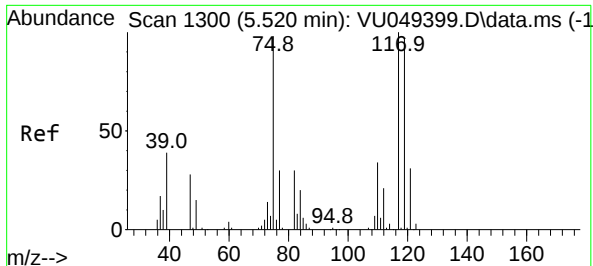


#35
Dibromofluoromethane
Concen: 44.910 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06



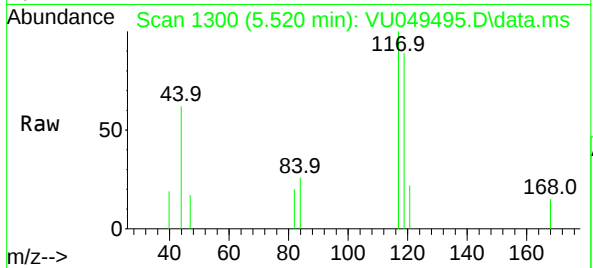
Tgt Ion:113 Resp: 164352
Ion Ratio Lower Upper
113 100
111 100.6 82.1 123.1
192 19.2 18.0 27.0





#38
Carbon Tetrachloride
Concen: 0.288 ug/l
RT: 5.520 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

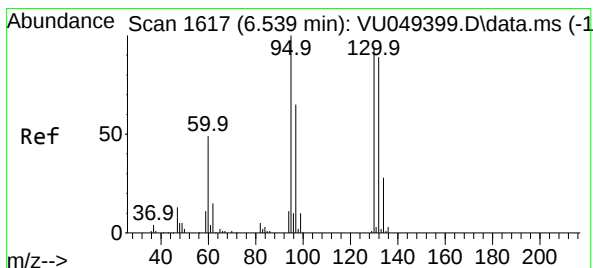
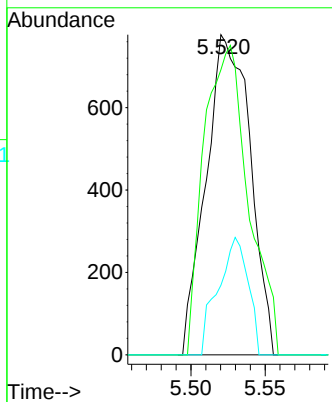
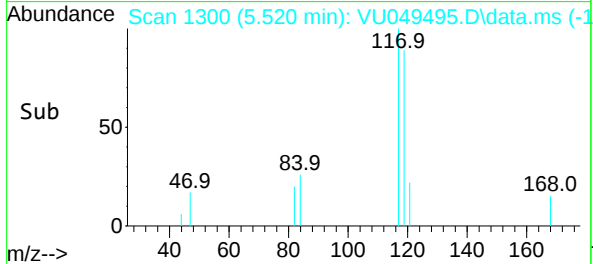
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20220621



Tgt Ion:117 Resp: 160
Ion Ratio Lower Upper
117 100
119 89.1 76.8 115.2
121 21.8 24.7 37.1

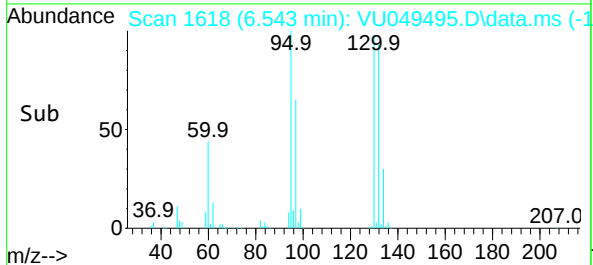
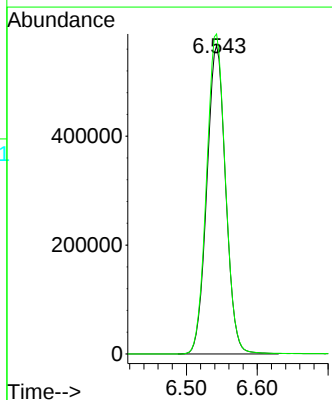
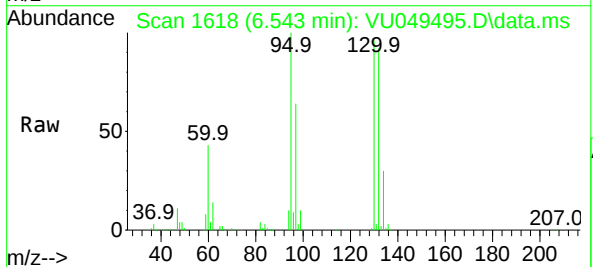
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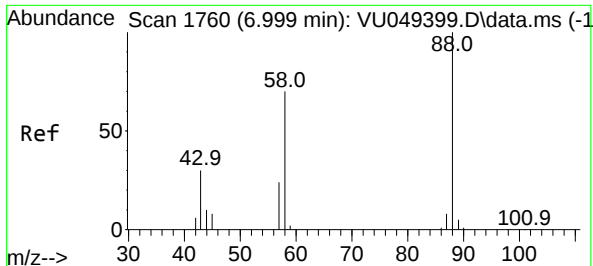
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#44
Trichloroethene
Concen: 274.591 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

Tgt Ion:130 Resp: 1045763
Ion Ratio Lower Upper
130 100
95 103.8 0.0 184.6





#49

1,4-Dioxane

Concen: 27.132 ug/l m

RT: 6.986 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU049495.D

Acq: 29 Jun 2022 06:06

Instrument :

MSVOA_U

ClientSampleId :

RE125D2-20220621

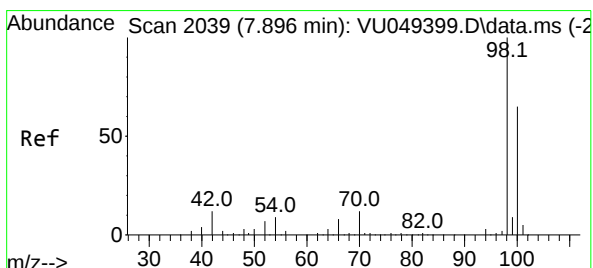
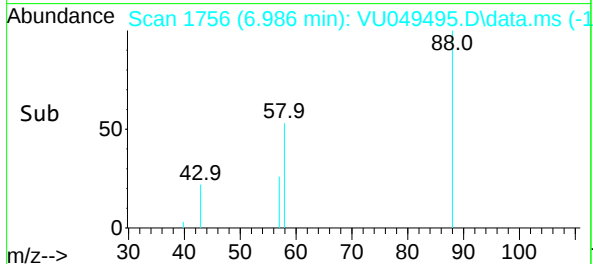
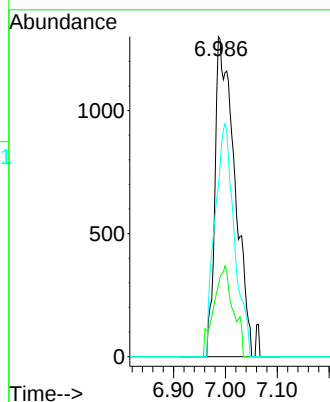
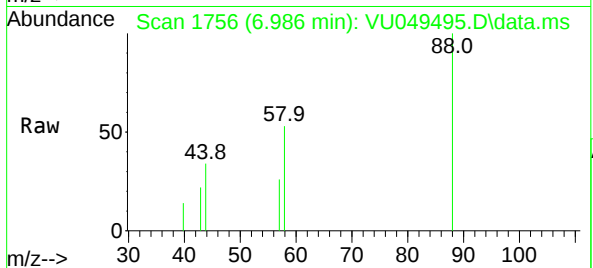
Tgt Ion: 88 Resp: 346
 Ion Ratio Lower Upper
 88 100
 43 27.6 0.0 0.0
 58 70.8 15.4 23.0

Manual Integrations

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Reviewed By :Krupa Patel 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#50

Toluene-d8

Concen: 47.486 ug/l

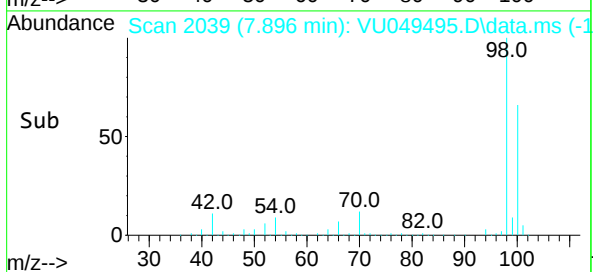
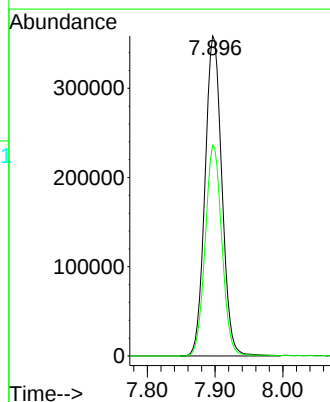
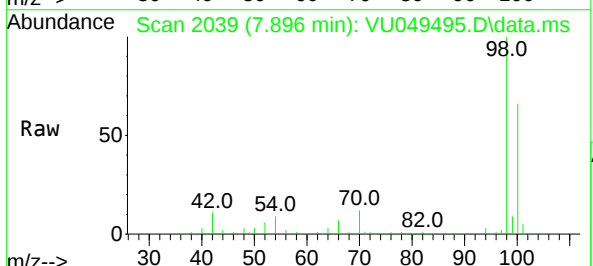
RT: 7.896 min Scan# 2039

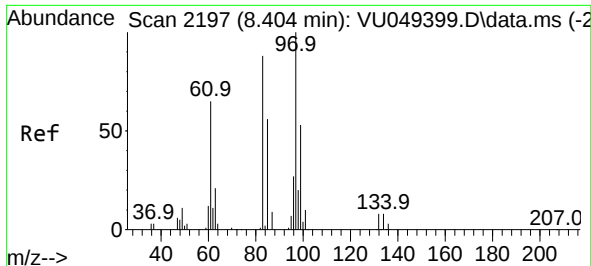
Delta R.T. 0.000 min

Lab File: VU049495.D

Acq: 29 Jun 2022 06:06

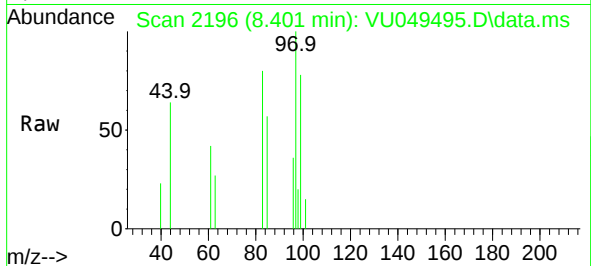
Tgt Ion: 98 Resp: 619821
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.7 77.5





#55
1,1,2-Trichloroethane
Concen: 0.332 ug/l
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

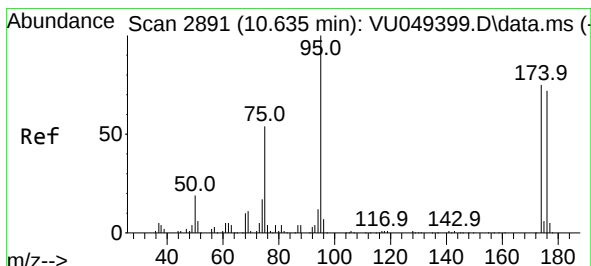
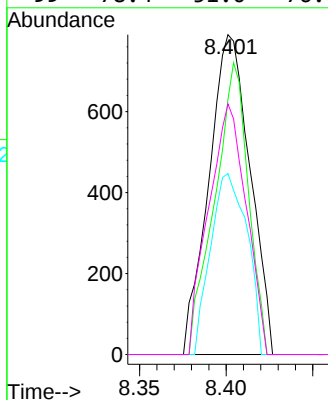
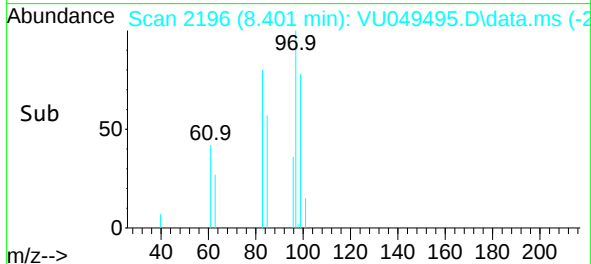
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20220621



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.7	70.2	105.4
85	56.6	44.6	66.8
99	78.4	51.0	76.6

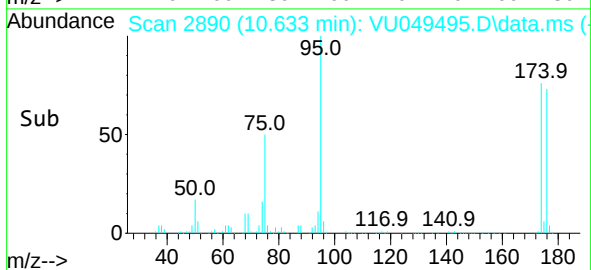
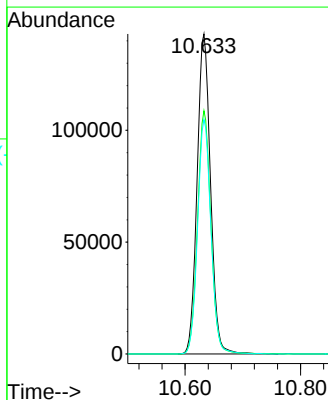
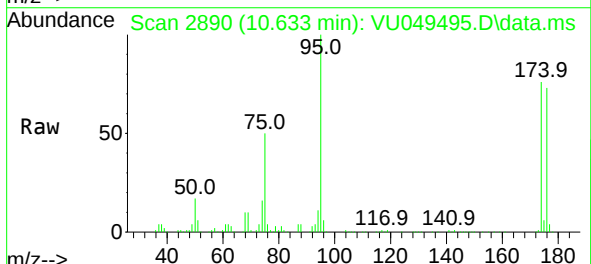
Manual Integrations
APPROVED

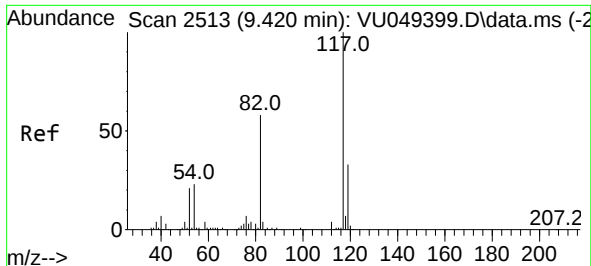
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#62
4-Bromofluorobenzene
Concen: 46.264 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

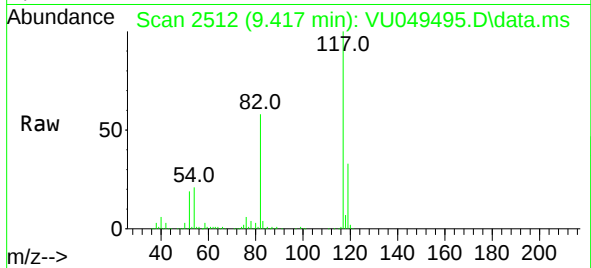
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	182.0
176	72.6	0.0	177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

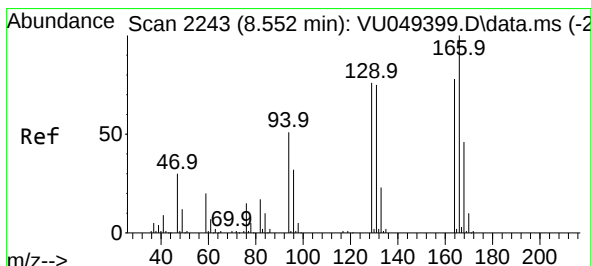
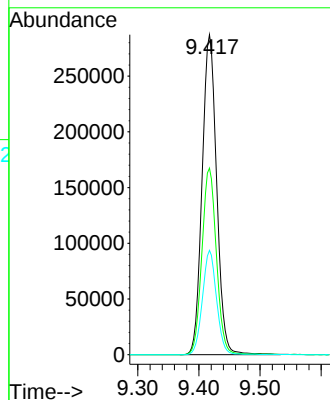
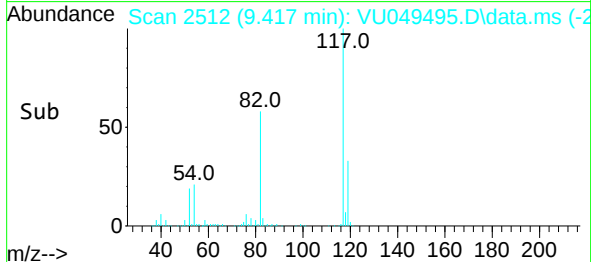
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20220621



Tgt Ion:117 Resp: 47463
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 32.6 25.7 38.5

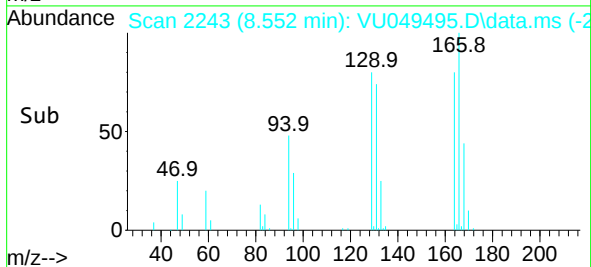
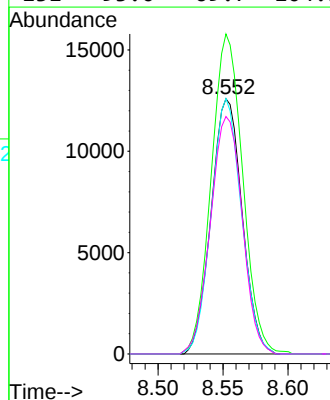
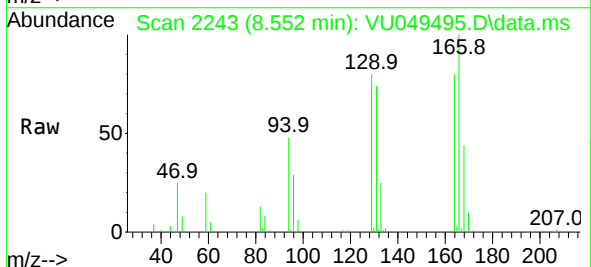
Manual Integrations
APPROVED

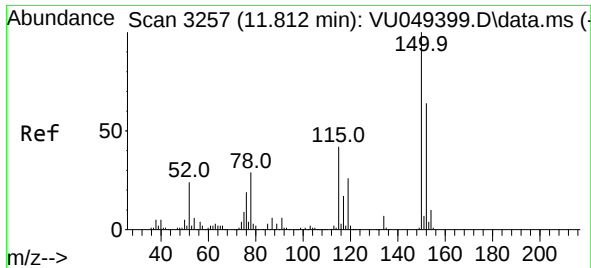
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#64
Tetrachloroethene
Concen: 6.858 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049495.D
Acq: 29 Jun 2022 06:06

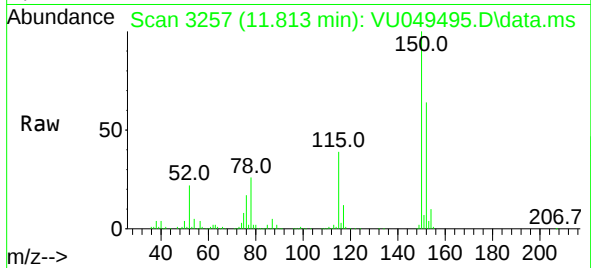
Tgt Ion:164 Resp: 20878
Ion Ratio Lower Upper
164 100
166 125.4 100.0 150.0
129 100.1 72.0 108.0
131 93.0 69.7 104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.813 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049495.D
 Acq: 29 Jun 2022 06:06

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D2-20220621



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	37.0	110.9
150	157.3	0.0	342.2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

