

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037406.D
 Acq On : 20 Sep 2024 01:30
 Operator : SY/MD
 Sample : P3994-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B21

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/20/2024
 Supervised By :Mahesh Dadoda 09/23/2024

Quant Time: Sep 20 04:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	308575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	318955	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	152916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63976	3.534	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	70.600%		
7) Chloroethane-d5	1.529	69	80212	4.250	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	85.000%		
11) 1,1-Dichloroethene-d2	2.053	65	37034	3.961	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	79.200%		
20) 2-Butanone-d5	3.796	46	295937	54.699	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	109.400%		
24) Chloroform-d	4.243	84	213588	4.859	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.200%		
26) 1,2-Dichloroethane-d4	4.937	65	103220	5.015	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.400%		
32) Benzene-d6	4.956	84	377996	4.420	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.400%		
36) 1,2-Dichloropropane-d6	5.989	67	131997	4.963	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.200%		
41) Toluene-d8	7.239	98	310141	4.025	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.600%		
43) trans-1,3-Dichloroprop...	7.558	79	30191	3.451	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	69.000%		
46) 2-Hexanone-d5	8.024	63	236733	55.388	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	110.780%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109761	5.064	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.200%		
66) 1,2-Dichlorobenzene-d4	11.554	152	134107	4.933	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.600%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	44761	1.489	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	80824	3.569	ug/L	99
12) 1,1-Dichloroethene	2.066	96	653633	30.227	ug/L #	76
17) Methyl tert-butyl Ether	2.706	73	17459	0.340	ug/L #	93
18) trans-1,2-Dichloroethene	2.690	96	91531	4.023	ug/L	99
19) 1,1-Dichloroethane	3.104	63	401146	9.234	ug/L	98
22) cis-1,2-Dichloroethene	3.802	96	4216013	171.413	ug/L	99
25) Chloroform	4.272	83	225850	5.160	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	8429	0.223	ug/L #	89
31) Carbon tetrachloride	4.731	117	10924	0.339	ug/L	94
33) Benzene	5.011	78	34423	0.358	ug/L	100
34) Trichloroethene	5.818	95	35947042m	1388.081	ug/L	
45) 1,1,2-Trichloroethane	7.770	97	17602	1.006	ug/L	95
47) Tetrachloroethene	7.898	164	1059202	57.145	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	36812	0.742	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	156225	3.483	ug/L	97

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

Instrument :

MSVOA_V

ClientSampleId :

C0B21

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Supervised By :Mahesh Dadoda 09/23/2024

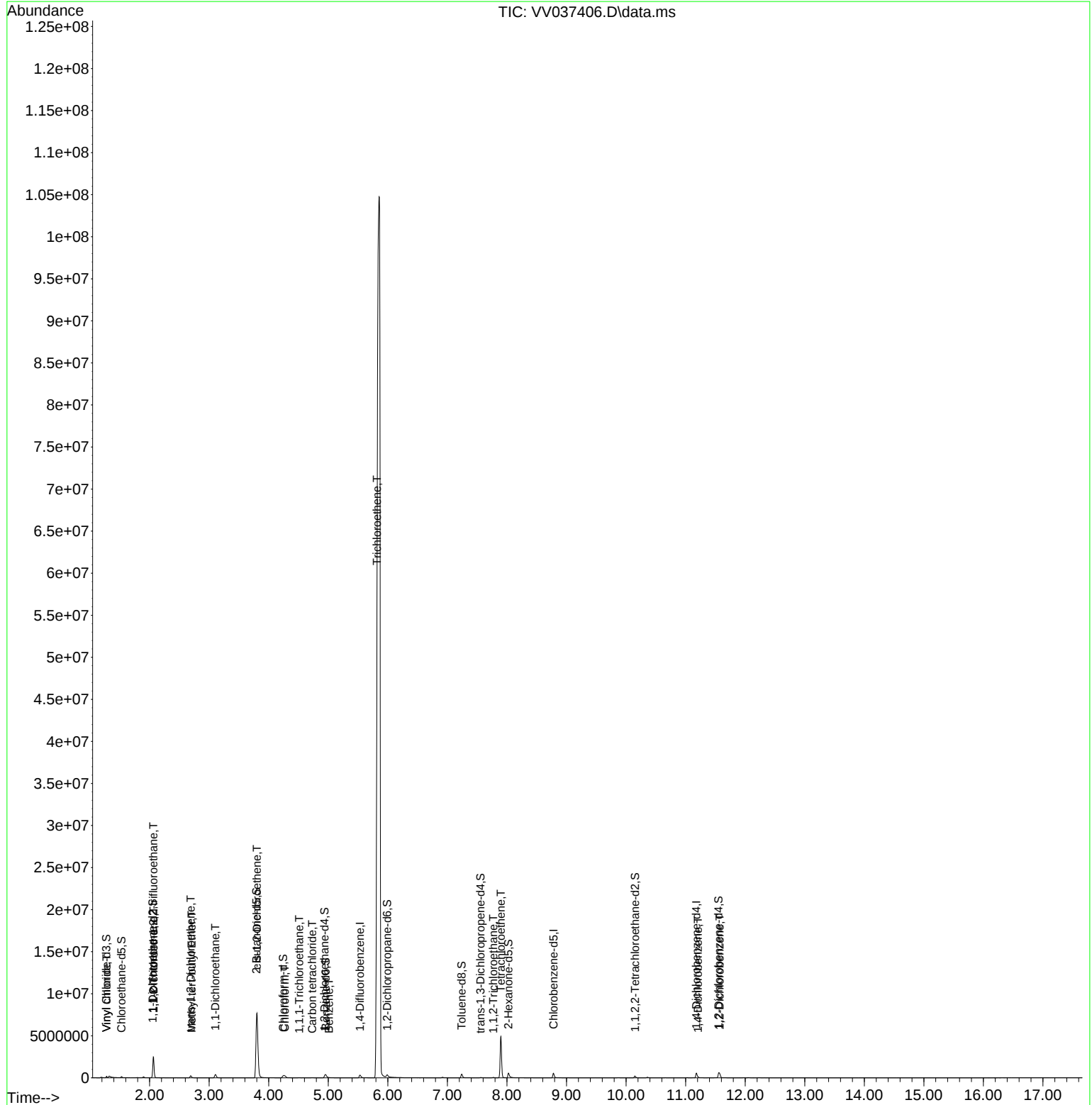
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
Data File : VV037406.D
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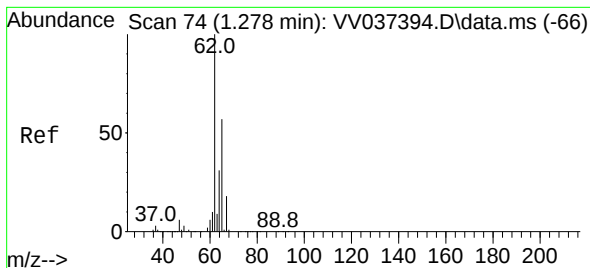
Instrument :
MSVOA_V
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 03:11:07 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.489 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV037406.D

Acq: 20 Sep 2024 01:30

Instrument :

MSVOA_V

ClientSampleId :

C0B21

Tgt Ion: 62 Resp: 4476

Ion Ratio Lower Upper

62 100

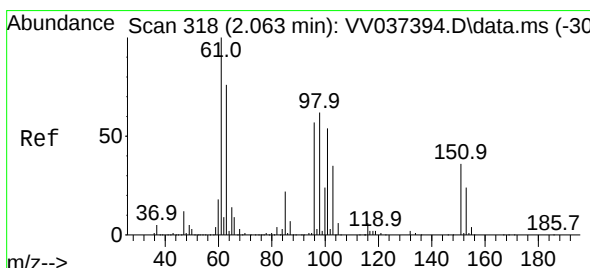
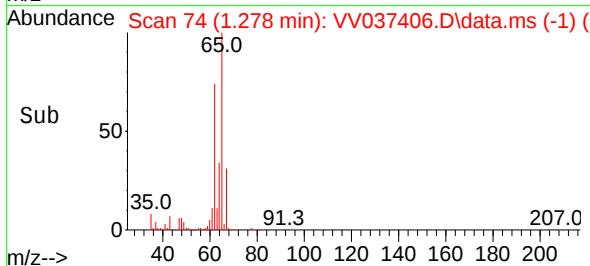
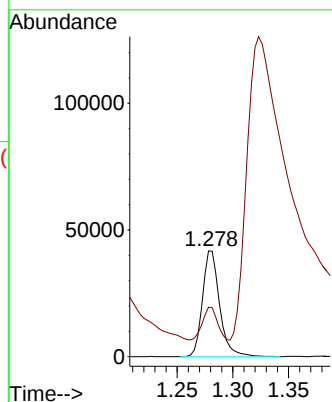
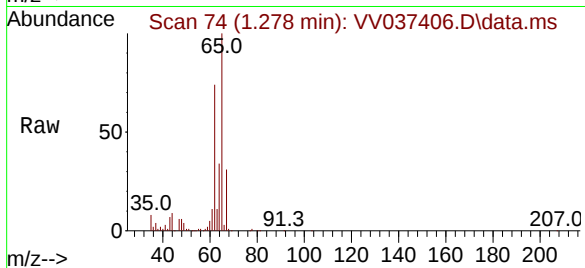
64 46.8 22.4 41.6

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.569 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV037406.D

Acq: 20 Sep 2024 01:30

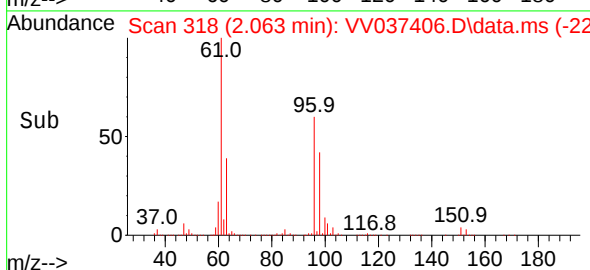
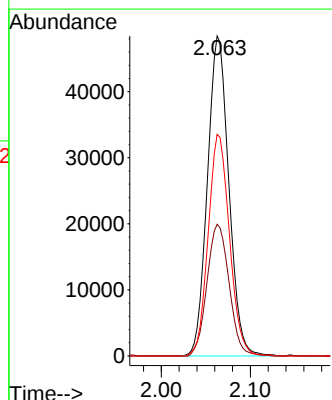
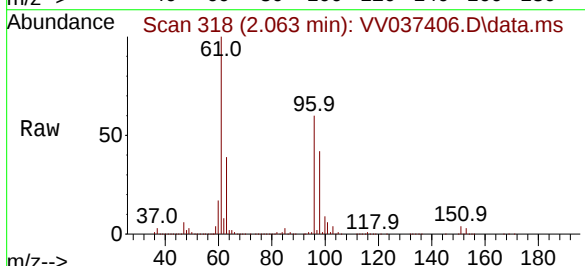
Tgt Ion:101 Resp: 80824

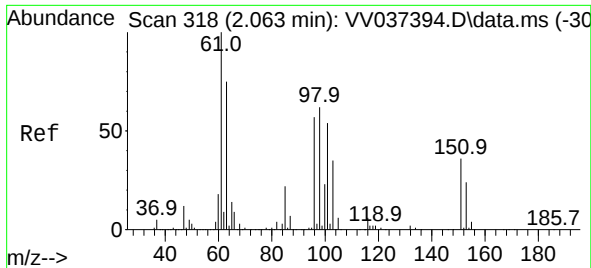
Ion Ratio Lower Upper

101 100

85 42.5 35.1 52.7

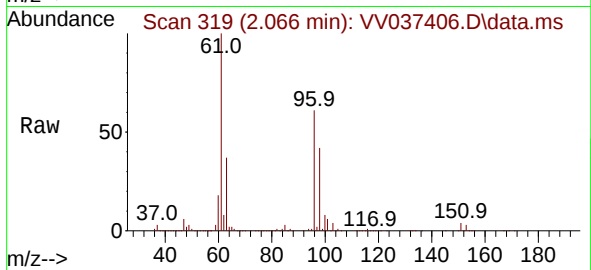
151 68.9 55.3 82.9





#12
1,1-Dichloroethene
Concen: 30.227 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

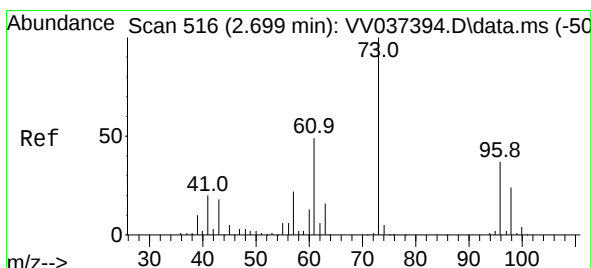
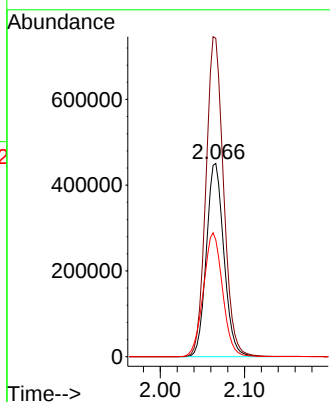
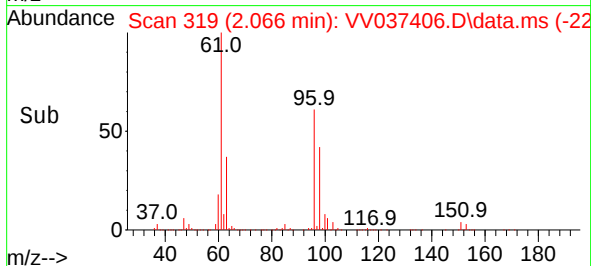
Instrument :
MSVOA_V
ClientSampleId :
C0B21



Tgt Ion: 96 Resp: 65363
Ion Ratio Lower Upper
96 100
61 164.8 119.9 222.7
63 60.4 81.4 151.2

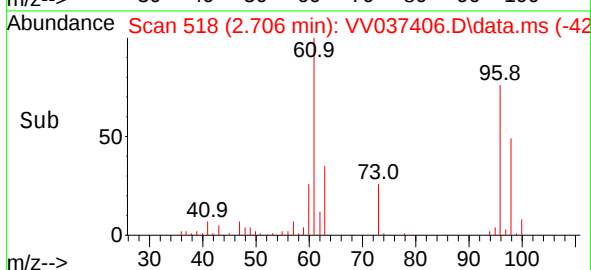
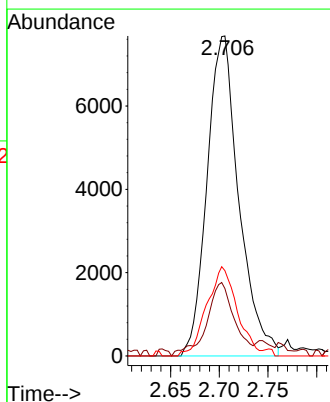
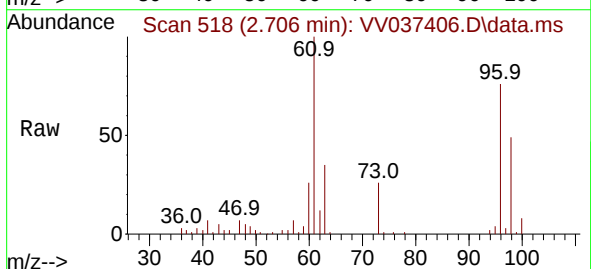
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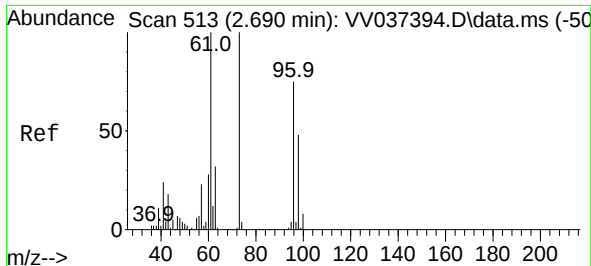
Reviewed By :Semsettin Yesilyurt 09/20/2024
Supervised By :Mahesh Dadoda 09/23/2024



#17
Methyl tert-butyl Ether
Concen: 0.340 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

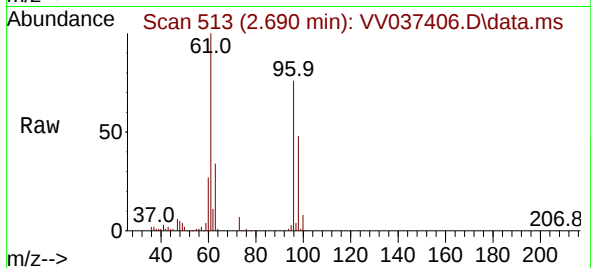
Tgt Ion: 73 Resp: 17459
Ion Ratio Lower Upper
73 100
43 20.0 14.5 21.7
57 26.6 17.7 26.5





#18
trans-1,2-Dichloroethene
Concen: 4.023 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

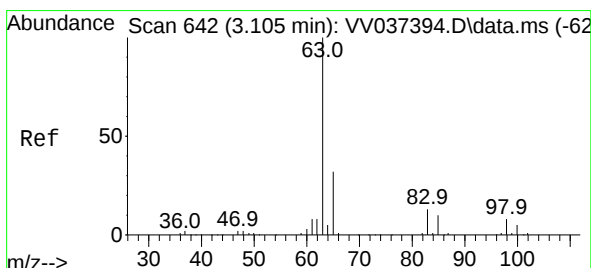
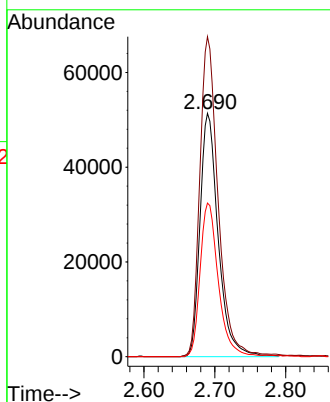
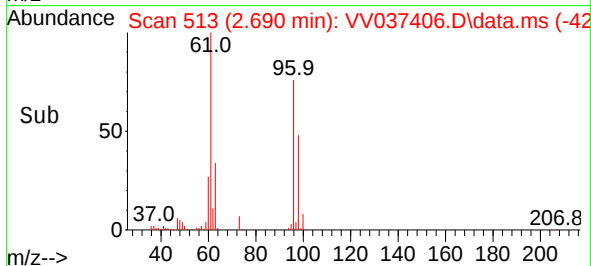
Instrument :
MSVOA_V
ClientSampleId :
C0B21



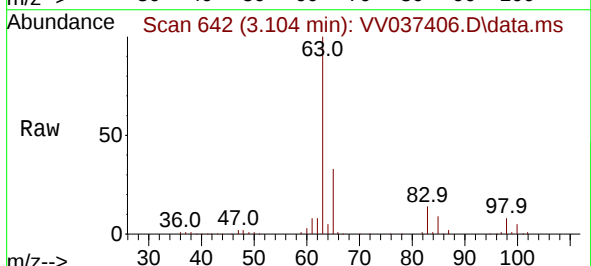
Tgt Ion: 96 Resp: 9153
Ion Ratio Lower Upper
96 100
61 131.5 92.8 172.4
98 63.1 43.0 79.8

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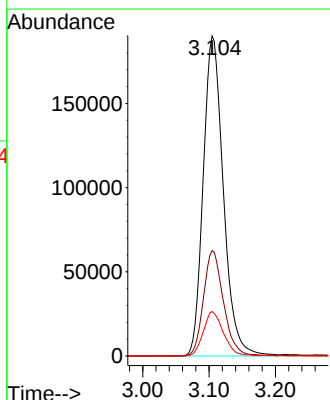
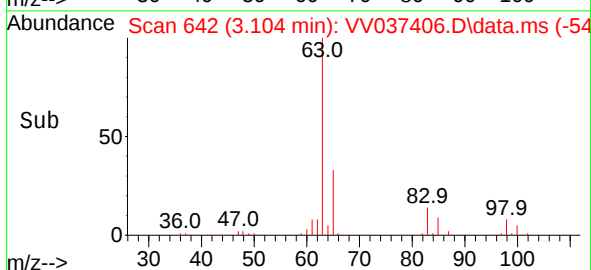
Reviewed By :Semsettin Yesilyurt 09/20/2024
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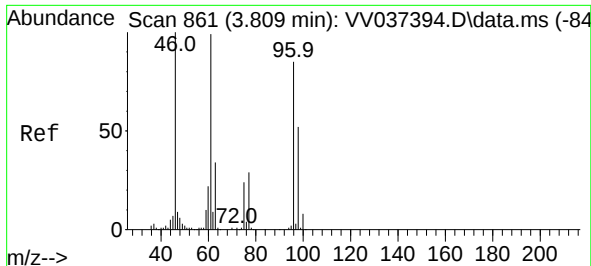


#19
1,1-Dichloroethane
Concen: 9.234 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30



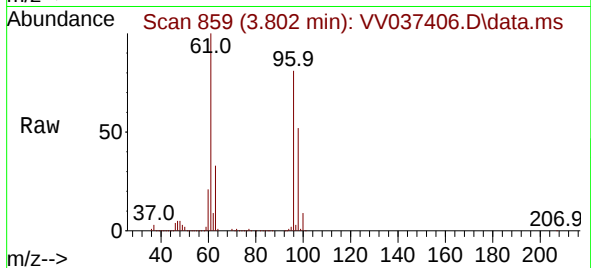
Tgt Ion: 63 Resp: 401146
Ion Ratio Lower Upper
63 100
65 32.9 22.5 41.7
83 13.9 8.9 16.5





#22
cis-1,2-Dichloroethene
Concen: 171.413 ug/L
RT: 3.802 min Scan# 861
Delta R.T. -0.007 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

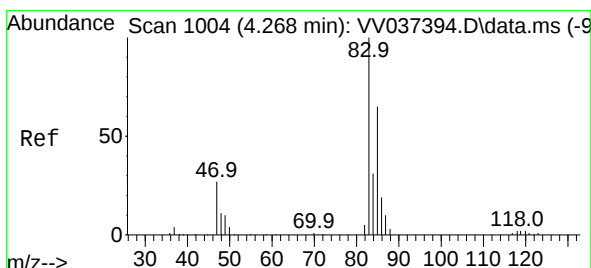
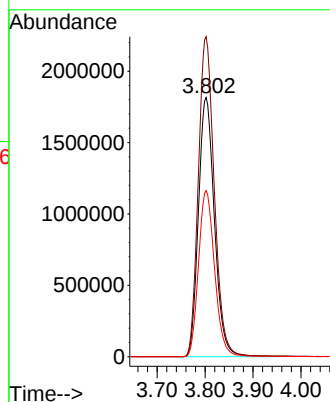
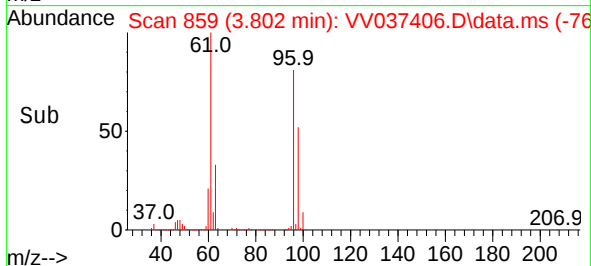
Instrument :
MSVOA_V
ClientSampleId :
C0B21



Tgt Ion: 96 Resp: 421601
Ion Ratio Lower Upper
96 100
61 123.4 87.6 162.6
98 64.1 44.9 83.5

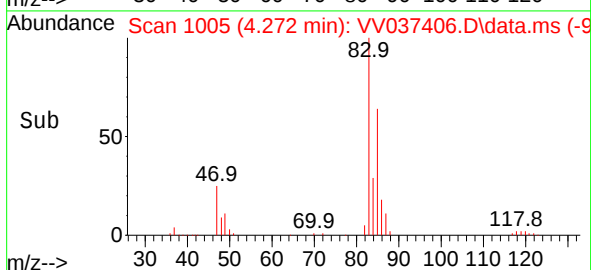
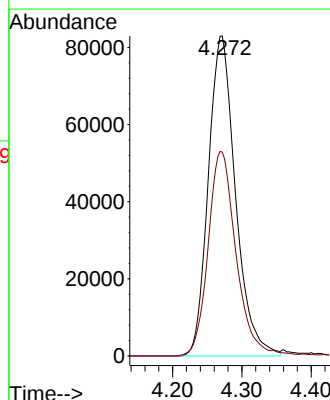
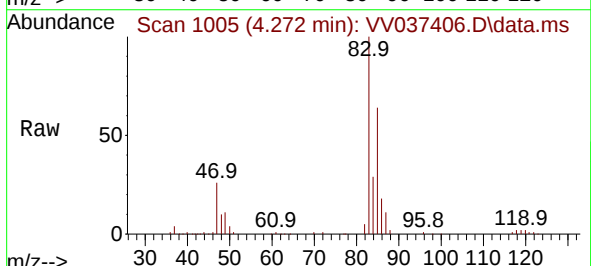
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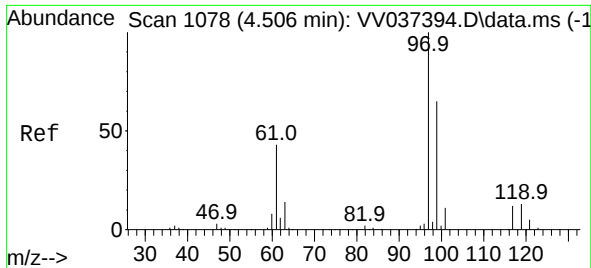
Reviewed By :Semsettin Yesilyurt 09/20/2024
Supervised By :Mahesh Dadoda 09/23/2024



#25
Chloroform
Concen: 5.160 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

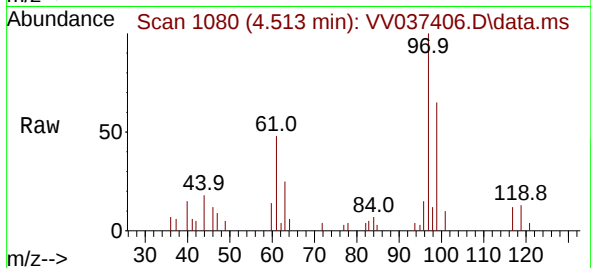
Tgt Ion: 83 Resp: 225850
Ion Ratio Lower Upper
83 100
85 63.7 43.8 81.4





#29
1,1,1-Trichloroethane
Concen: 0.223 ug/L
RT: 4.513 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

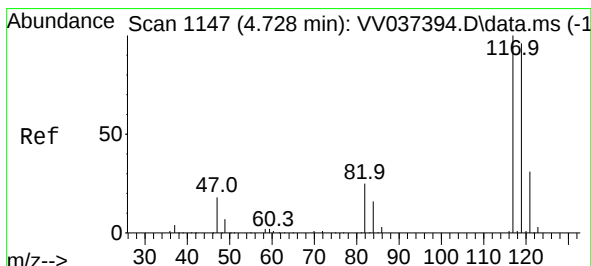
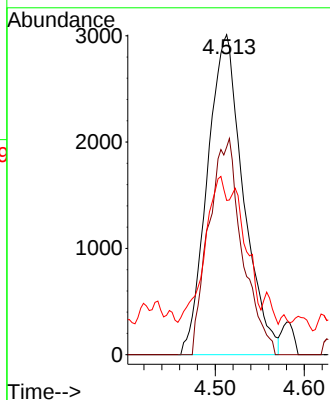
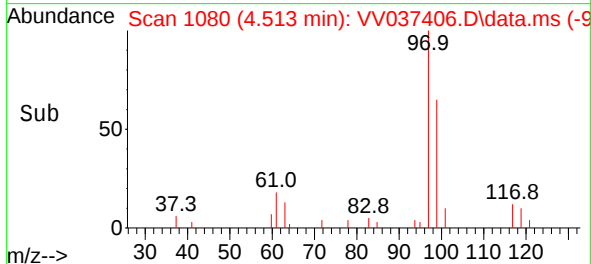
Instrument :
MSVOA_V
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C0B21



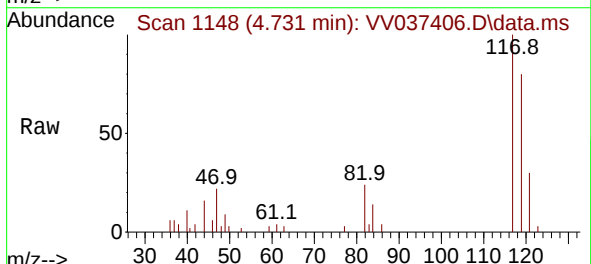
Tgt Ion: 97 Resp: 8429
Ion Ratio Lower Upper
97 100
99 63.2 50.0 75.0
61 26.7 34.3 51.5

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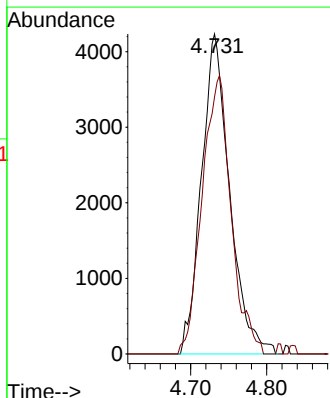
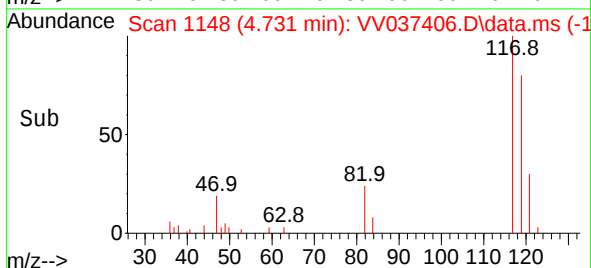
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Supervised By :Mahesh Dadoda 09/23/2024

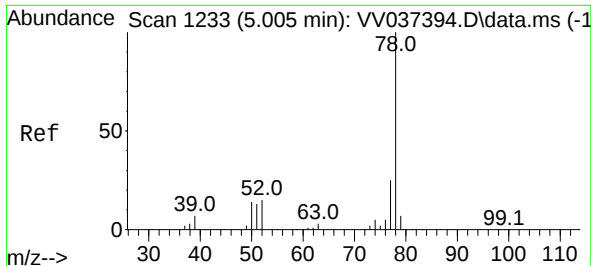


#31
Carbon tetrachloride
Concen: 0.339 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30



Tgt Ion:117 Resp: 10924
Ion Ratio Lower Upper
117 100
119 89.1 76.2 114.4





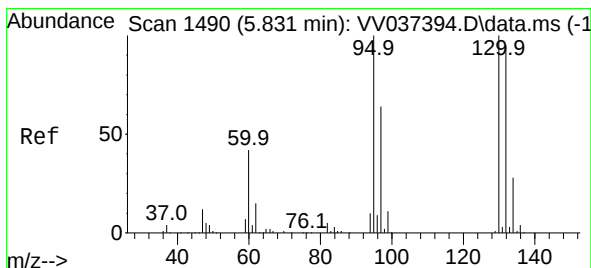
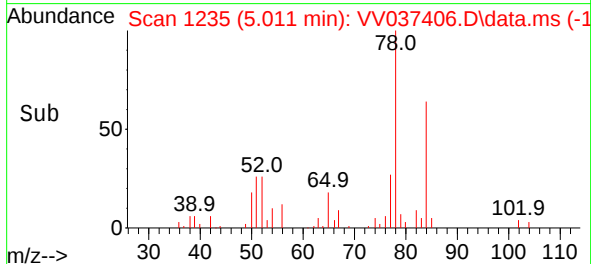
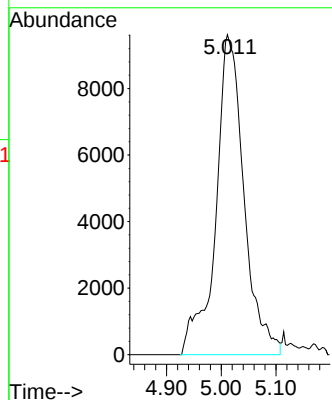
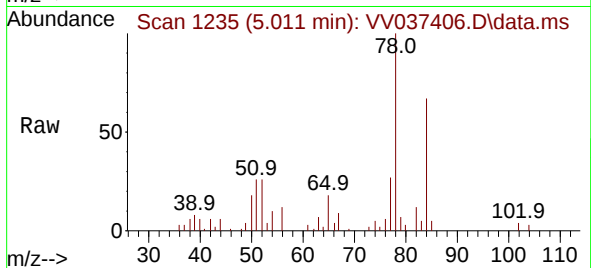
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Benzene
Concen: 0.358 ug/L
RT: 5.011 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

Instrument :
MSVOA_V
ClientSampleId :
C0B21

Tgt Ion: 78 Resp: 3442

Manual Integrations
APPROVED

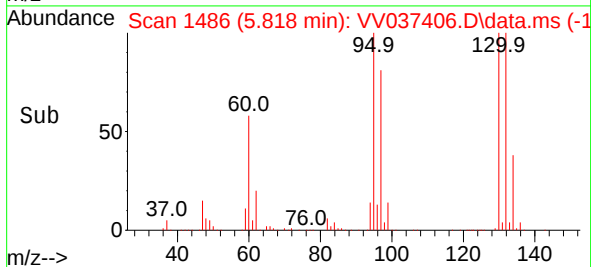
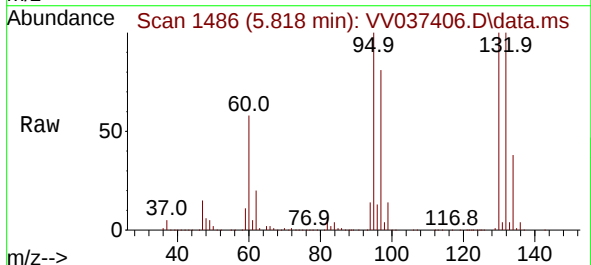
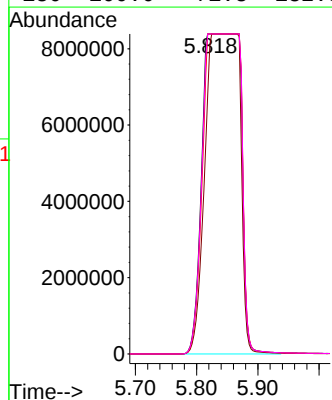
Reviewed By :Semsettin Yesilyurt 09/20/2024
Supervised By :Mahesh Dadoda 09/23/2024

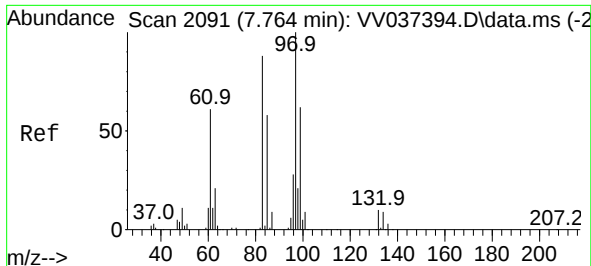


#34
Trichloroethene
Concen: 1388.081 ug/L m
RT: 5.818 min Scan# 1486
Delta R.T. -0.013 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

Tgt Ion: 95 Resp:35947042

Ion	Ratio	Lower	Upper
95	100		
97	81.0	46.5	86.5
132	100.0	65.5	121.7
130	100.0	71.3	132.3





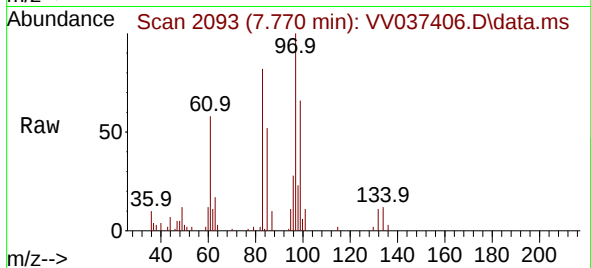
#45
1,1,2-Trichloroethane
Concen: 1.006 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

Instrument :

MSVOA_V

Client Sample Id :

C0B21

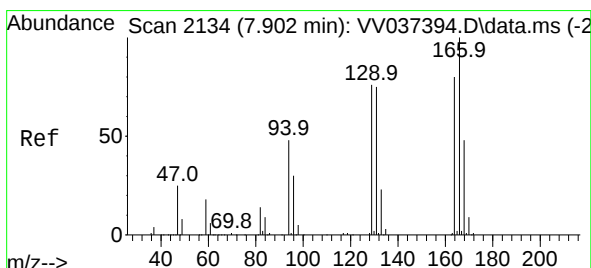
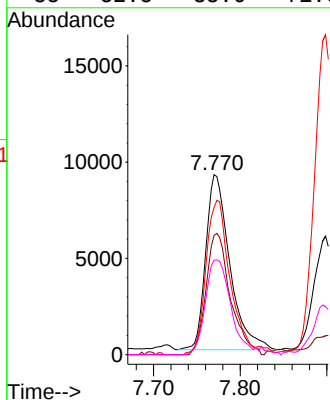
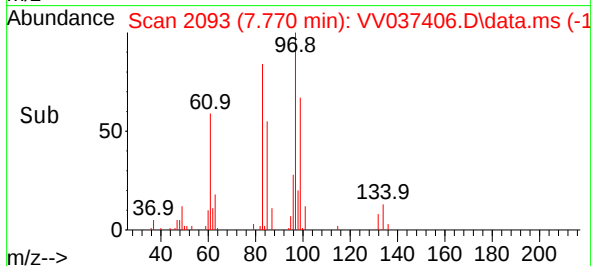


Tgt Ion: 97 Resp: 17602
Ion Ratio Lower Upper
97 100
99 66.2 43.1 80.1
83 81.7 61.0 113.4
85 52.5 38.6 71.6

Manual Integrations

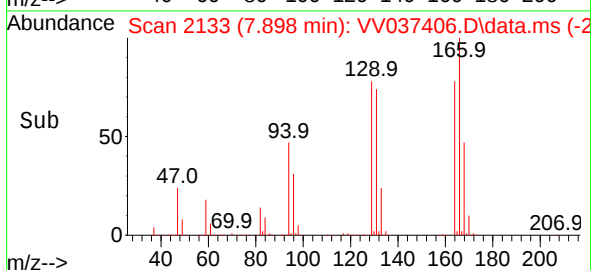
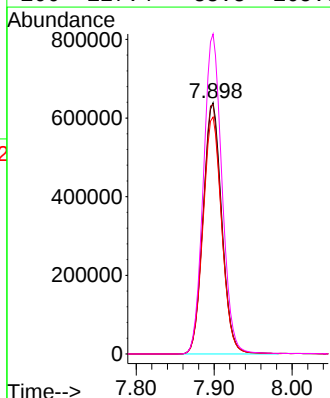
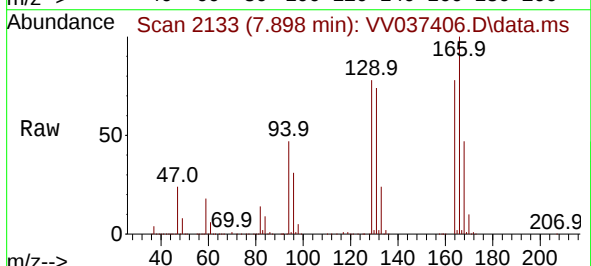
APPROVED

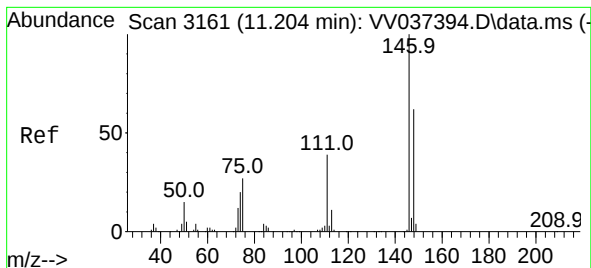
Reviewed By :Semsettin Yesilyurt 09/20/2024
Supervised By :Mahesh Dadoda 09/23/2024



#47
Tetrachloroethene
Concen: 57.145 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV037406.D
Acq: 20 Sep 2024 01:30

Tgt Ion:164 Resp: 1059202
Ion Ratio Lower Upper
164 100
129 99.4 69.2 128.4
131 94.3 66.6 123.8
166 127.4 88.8 165.0





#65

1,4-Dichlorobenzene

Concen: 0.742 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037406.D

Acq: 20 Sep 2024 01:30

Instrument :

MSVOA_V

ClientSampleId :

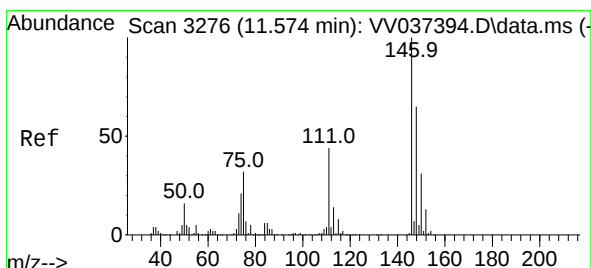
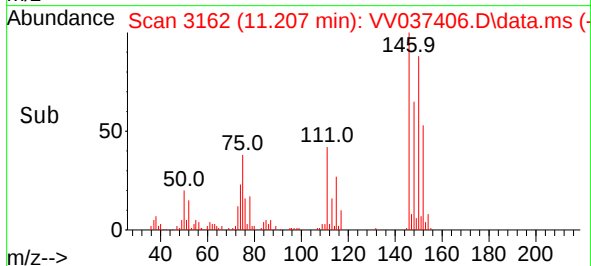
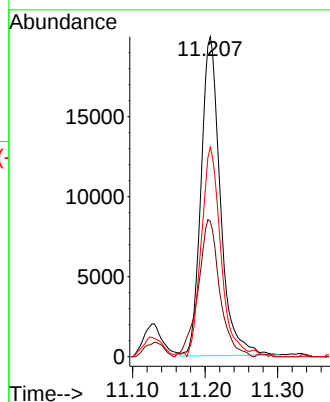
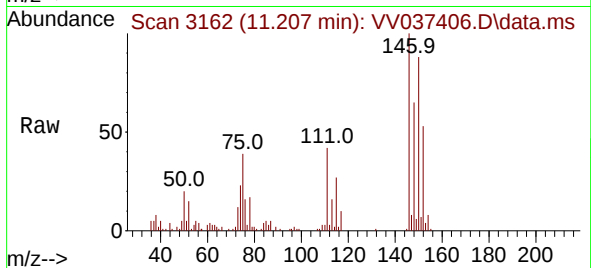
C0B21

Tgt Ion:	146	Resp:	3681
Ion Ratio	Lower	Upper	
146	100		
111	42.3	28.2	52.4
148	65.4	45.8	85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/20/2024
Supervised By :Mahesh Dadoda 09/23/2024



#67

1,2-Dichlorobenzene

Concen: 3.483 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV037406.D

Acq: 20 Sep 2024 01:30

Tgt Ion:	146	Resp:	156225
Ion Ratio	Lower	Upper	
146	100		
111	42.4	34.4	51.6
148	61.5	51.8	77.6

