

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
 Data File : VV038480.D
 Acq On : 21 Jan 2025 13:54
 Operator : SY/MD
 Sample : MDL05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

Quant Time: Jan 22 02:55:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	217084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	240256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97743	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	68957	3.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.532	69	65963	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.056	65	31063	3.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.815	46	161614m	42.923	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.840%
24) Chloroform-d	4.240	84	145157	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.937	65	67702	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.953	84	269478	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	5.982	67	90397	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.236	98	211923	3.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.558	79	26927	3.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.024	63	89851	30.955	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.900%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	65484	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	77967	4.713	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%

Target Compounds

						Qvalue
5) Vinyl chloride	1.281	62	4599	0.183	ug/L #	79
6) Bromomethane	1.487	94	2928	0.233	ug/L	99
8) Chloroethane	1.548	64	5429m	0.360	ug/L	
9) Trichlorofluoromethane	1.712	101	5495	0.172	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	4002	0.219	ug/L #	85
12) 1,1-Dichloroethene	2.066	96	4061	0.226	ug/L #	1
14) Carbon disulfide	2.240	76	11077	0.183	ug/L	99
15) Methyl Acetate	2.397	43	1576m	0.211	ug/L	
16) Methylene chloride	2.445	84	3909	0.196	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	6206	0.164	ug/L #	89
18) trans-1,2-Dichloroethene	2.696	96	2837	0.153	ug/L	91
19) 1,1-Dichloroethane	3.114	63	6624	0.188	ug/L	94
21) 2-Butanone	3.944	43	8507m	2.047	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	3090m	0.164	ug/L	
23) Bromochloromethane	4.159	128	1395m	0.163	ug/L	
25) Chloroform	4.272	83	7897	0.227	ug/L	100
27) 1,2-Dichloroethane	5.066	62	4151m	0.214	ug/L	
29) 1,1,1-Trichloroethane	4.510	97	5074	0.159	ug/L #	61
30) Cyclohexane	4.580	56	4078	0.140	ug/L #	78

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Manual Integrations
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Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

Quant Time: Jan 22 02:55:00 2025
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

31) Carbon tetrachloride	4.732	117	4635	0.164	ug/L	89
33) Benzene	5.018	78	13110	0.172	ug/L	100
34) Trichloroethene	5.847	95	3556m	0.179	ug/L	
37) 1,2-Dichloropropane	6.108	63	4534m	0.230	ug/L	
38) Bromodichloromethane	6.439	83	4460m	0.175	ug/L	
39) cis-1,3-Dichloropropene	6.985	75	4142m	0.153	ug/L	
40) 4-Methyl-2-pentanone	7.178	43	16009m	1.570	ug/L	
42) Toluene	7.323	91	11993	0.151	ug/L	88
44) trans-1,3-Dichloropropene	7.593	75	5055m	0.220	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	2401m	0.169	ug/L	
47) Tetrachloroethene	7.908	164	2410	0.157	ug/L	90
48) 2-Hexanone	8.085	43	38538m	5.221	ug/L	
49) Dibromochloromethane	8.172	129	2324	0.142	ug/L	85
50) 1,2-Dibromoethane	8.284	107	2121m	0.161	ug/L	
51) Chlorobenzene	8.812	112	8207	0.153	ug/L	99
52) Ethylbenzene	8.953	91	11972	0.140	ug/L	100
53) m,p-Xylene	9.082	106	3668	0.113	ug/L	92
54) o-Xylene	9.477	106	3833	0.124	ug/L	86
55) Styrene	9.522	104	5738m	0.107	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	2908	0.169	ug/L #	87
59) Bromoform	9.664	173	1109	0.163	ug/L #	96
60) Isopropylbenzene	9.866	105	9868	0.150	ug/L	95
61) 1,2,3-Trichloropropane	10.210	75	1921m	0.205	ug/L	
62) 1,3,5-Trimethylbenzene	10.477	105	7454	0.145	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	6758	0.131	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	5310	0.163	ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	6335m	0.188	ug/L	
67) 1,2-Dichlorobenzene	11.570	146	5840	0.191	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	353m	0.182	ug/L	
69) 1,3,5-Trichlorobenzene	12.586	180	3837	0.171	ug/L #	92
70) 1,2,4-trichlorobenzene	13.204	180	2193	0.131	ug/L	95
71) Naphthalene	13.464	128	4331m	0.175	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	2059	0.143	ug/L #	93

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

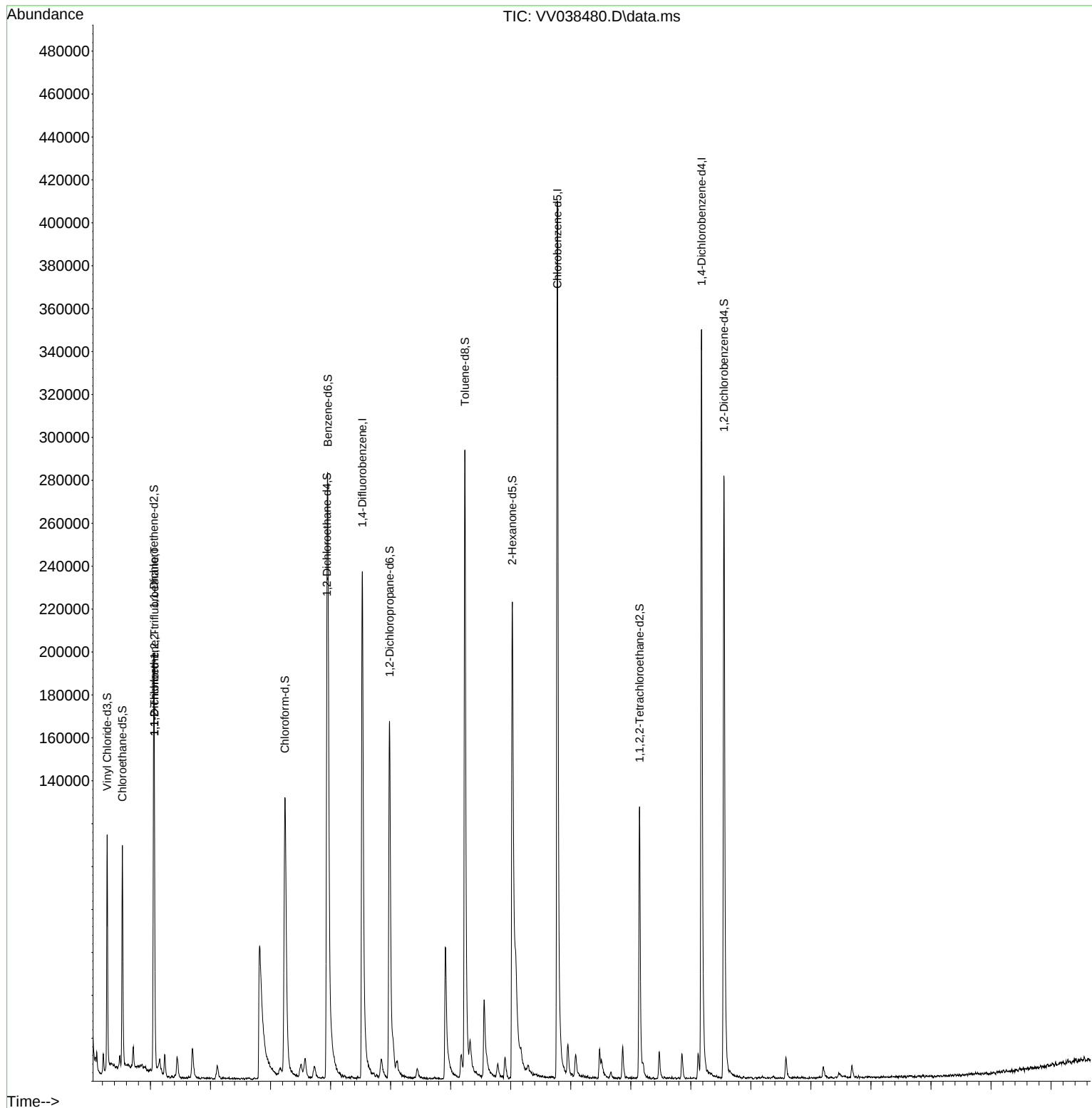
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ALS Vial : 9 Sample Multiplier: 1

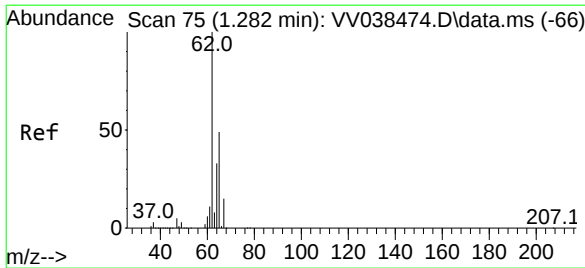
Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

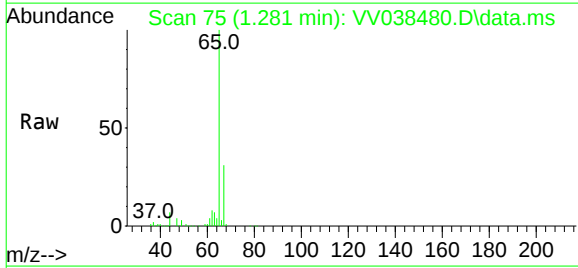
Quant Time: Jan 22 02:55:00 2025
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QLast Update : Wed Jan 22 02:52:26 2025
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.183 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

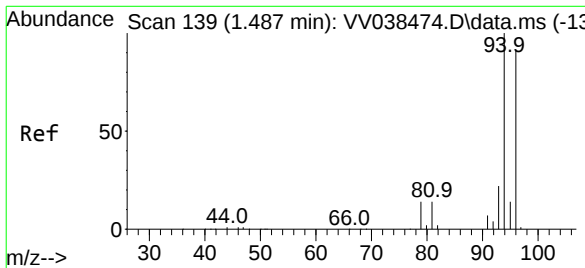
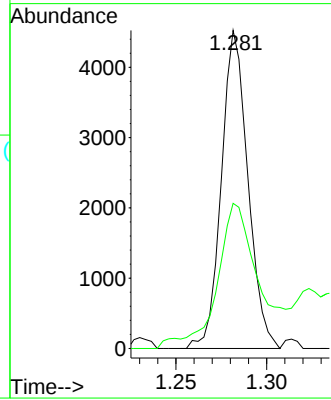
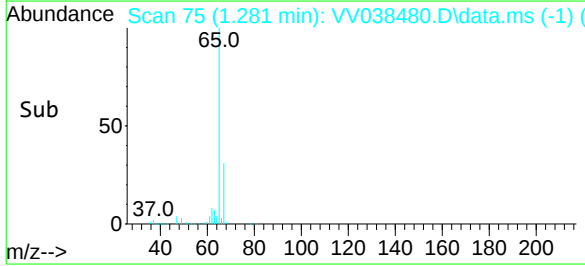
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



Tgt Ion: 62 Resp: 4599
 Ion Ratio Lower Upper
 62 100
 64 45.6 23.5 43.7#

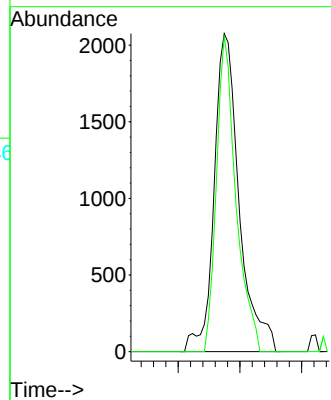
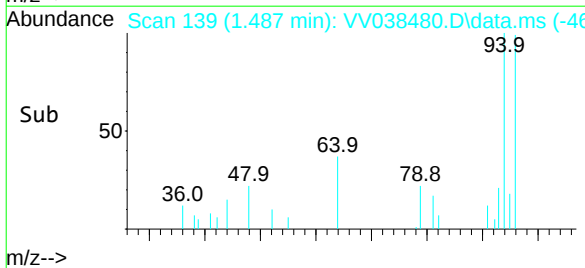
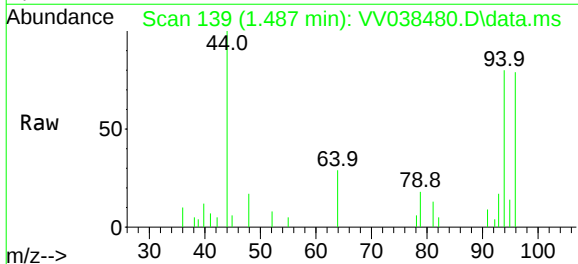
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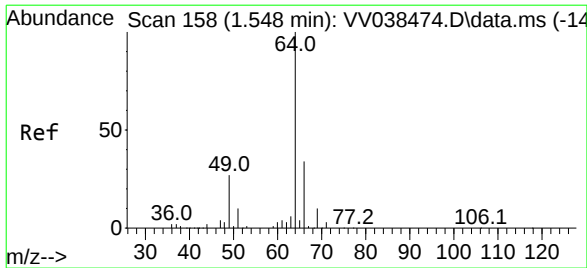
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#6
 Bromomethane
 Concen: 0.233 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

Tgt Ion: 94 Resp: 2928
 Ion Ratio Lower Upper
 94 100
 96 99.3 68.9 127.9





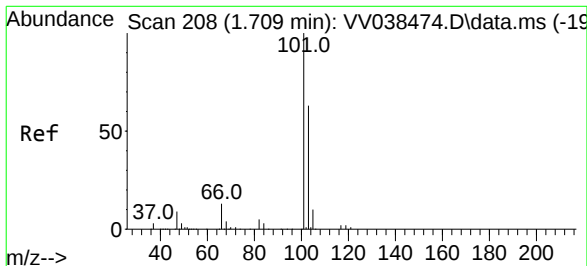
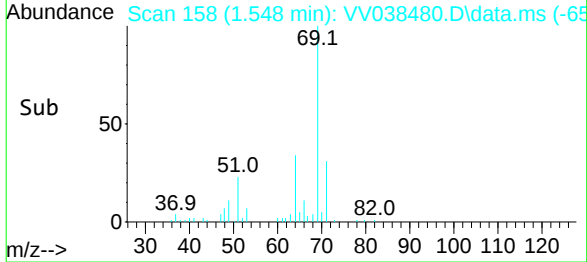
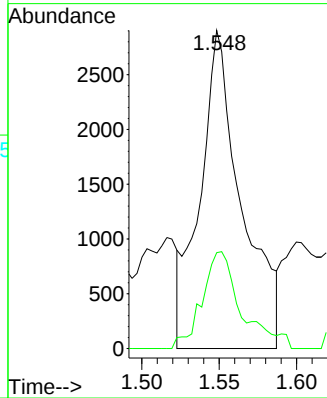
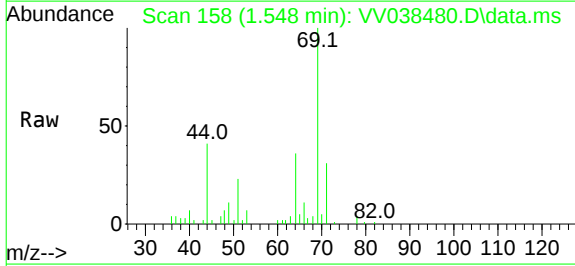
#8
Chloroethane
Concen: 0.360 ug/L m
RT: 1.548 min Scan# 15
Delta R.T. -0.000 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 64 Resp: 5429
Ion Ratio Lower Upper
64 100
66 30.1 22.7 42.1

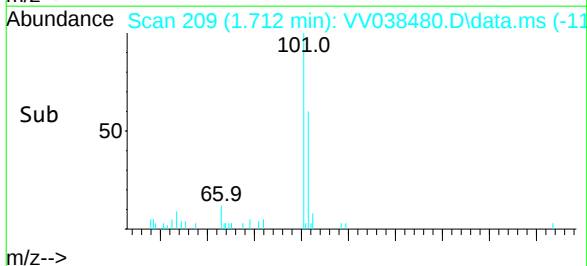
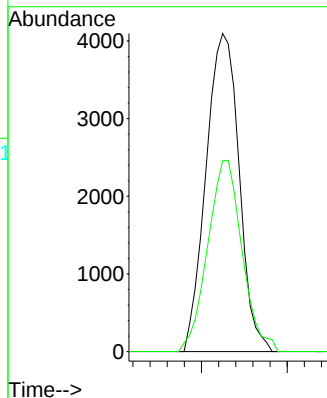
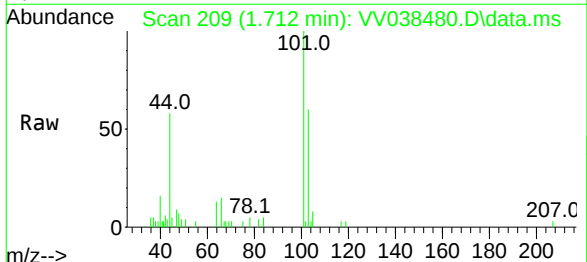
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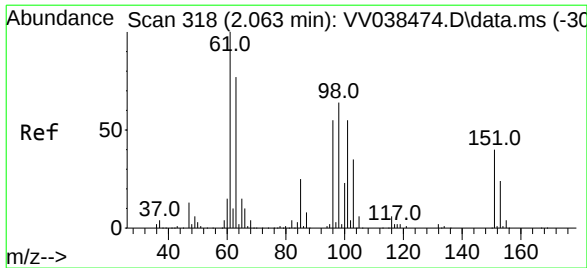
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#9
Trichlorofluoromethane
Concen: 0.172 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:101 Resp: 5495
Ion Ratio Lower Upper
101 100
103 62.4 51.5 77.3





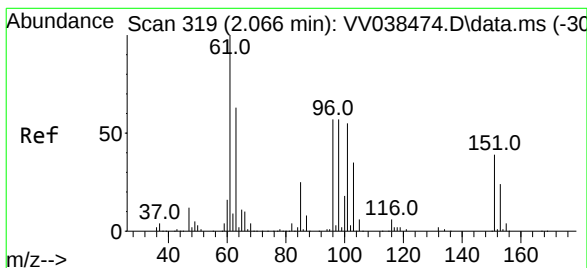
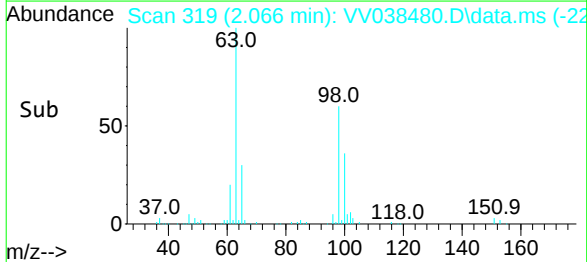
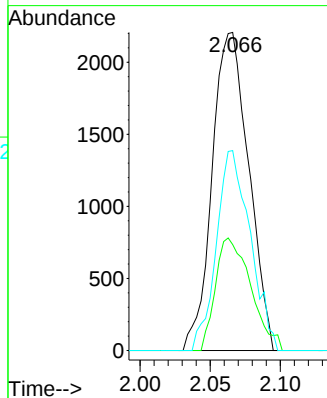
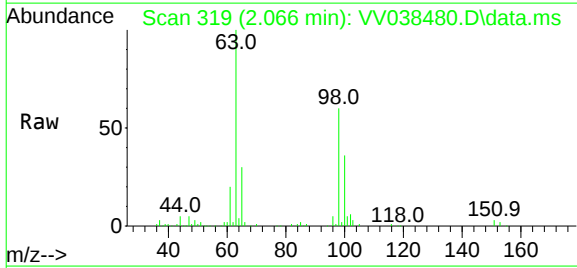
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.219 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 101 Resp: 4002
Ion Ratio Lower Upper
101 100
85 34.2 35.2 52.8#
151 58.2 56.6 85.0#

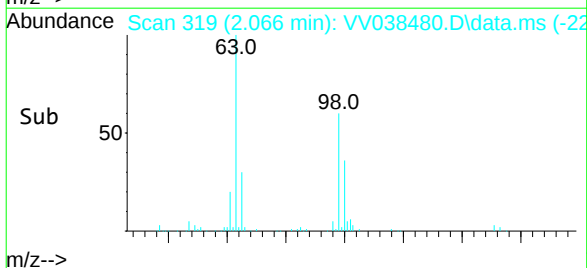
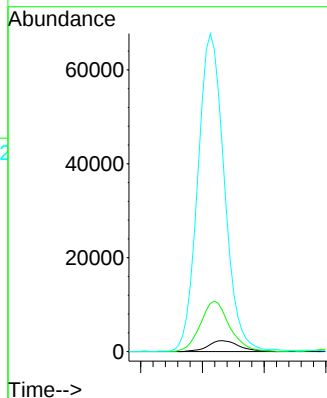
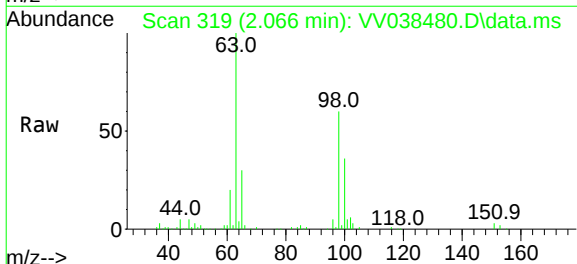
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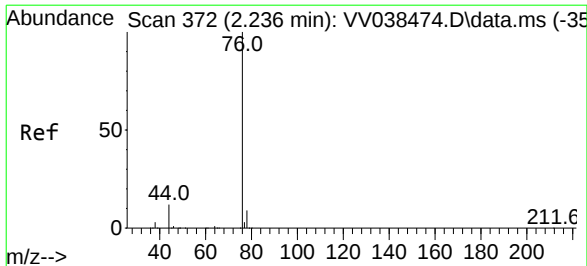
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#12
1,1-Dichloroethene
Concen: 0.226 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

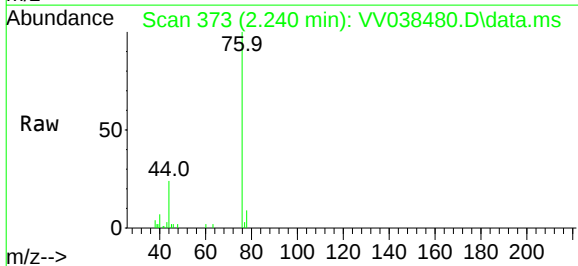
Tgt Ion: 96 Resp: 4061
Ion Ratio Lower Upper
96 100
61 381.2 122.2 227.0#
63 1879.8 86.2 160.0#





#14
Carbon disulfide
Concen: 0.183 ug/L
RT: 2.240 min Scan# 371
Delta R.T. 0.003 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

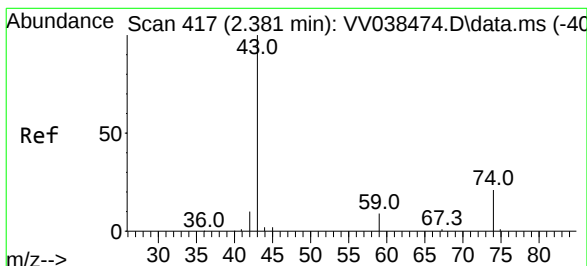
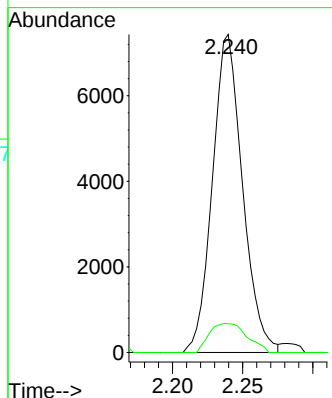
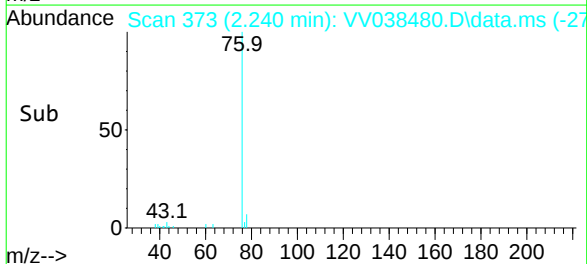
Instrument :
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Tgt Ion: 76 Resp: 11077
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

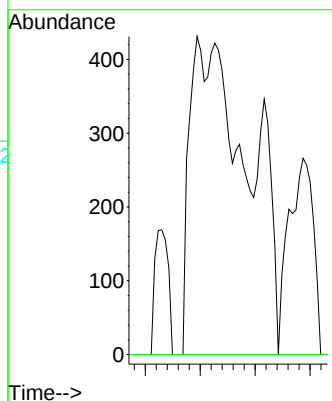
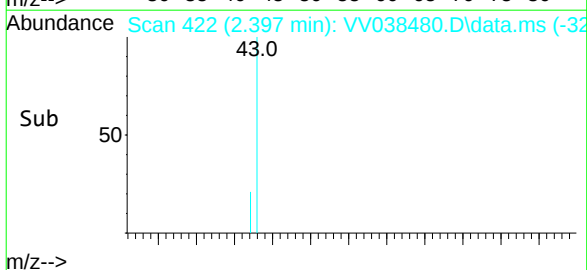
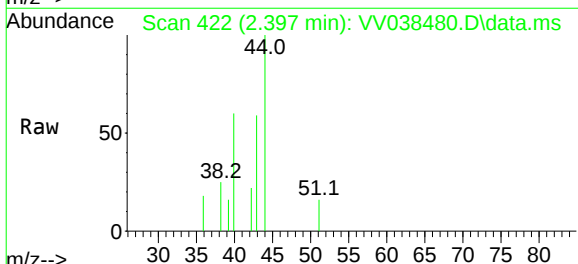
Manual Integrations
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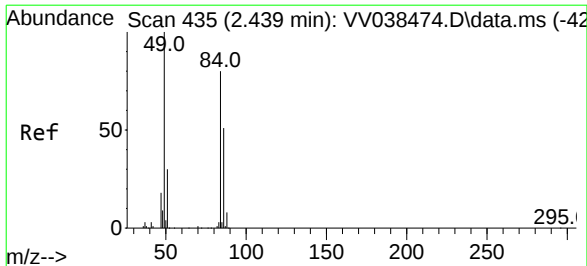
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#15
Methyl Acetate
Concen: 0.211 ug/L m
RT: 2.397 min Scan# 422
Delta R.T. 0.016 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

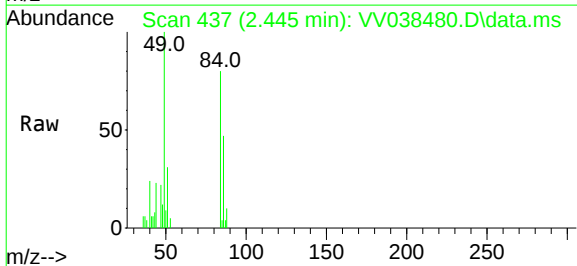
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
74 0.0 20.4 30.6#





#16
Methylene chloride
Concen: 0.196 ug/L
RT: 2.445 min Scan# 435
Delta R.T. 0.006 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

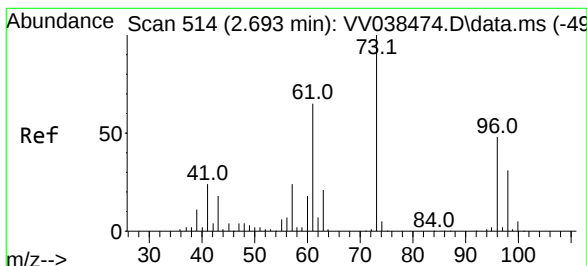
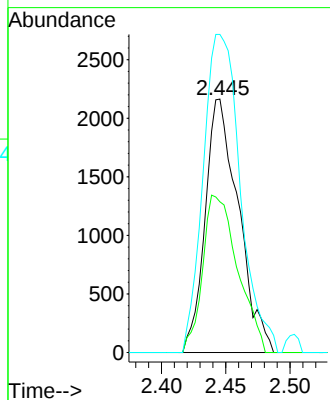
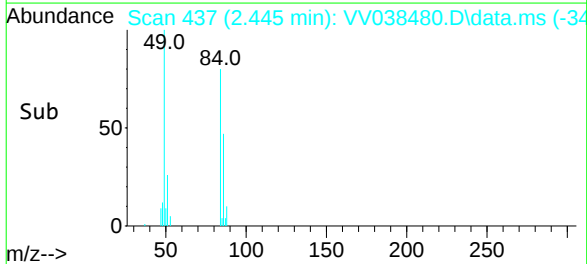
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Tgt	Ion	84	Resp:	3909
Ion	Ratio	Lower	Upper	
84	100			
86	59.5	44.7	82.9	
49	125.5	84.1	156.1	

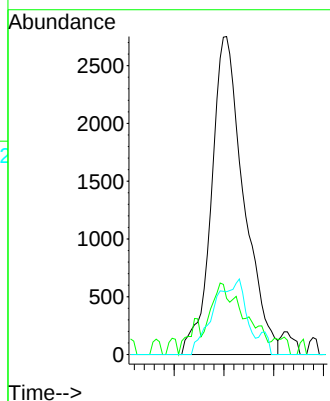
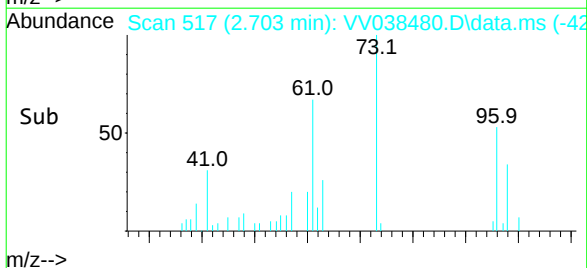
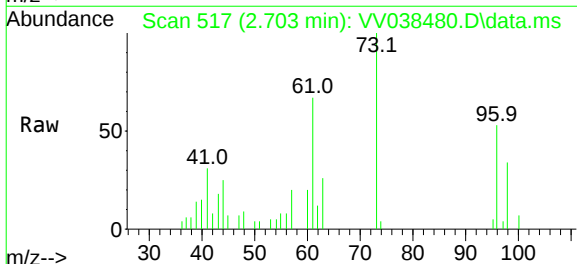
Manual Integrations
APPROVED

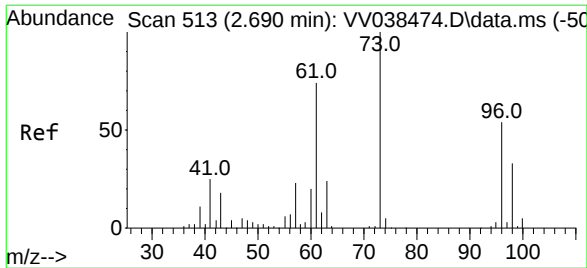
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#17
Methyl tert-butyl Ether
Concen: 0.164 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

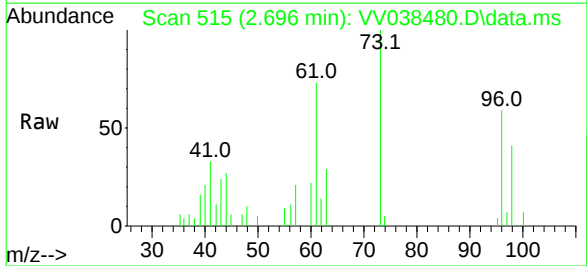
Tgt	Ion	73	Resp:	6206
Ion	Ratio	Lower	Upper	
73	100			
43	8.3	14.6	21.8	#
57	23.6	17.9	26.9	





#18
trans-1,2-Dichloroethene
Concen: 0.153 ug/L
RT: 2.696 min Scan# 513
Delta R.T. 0.006 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

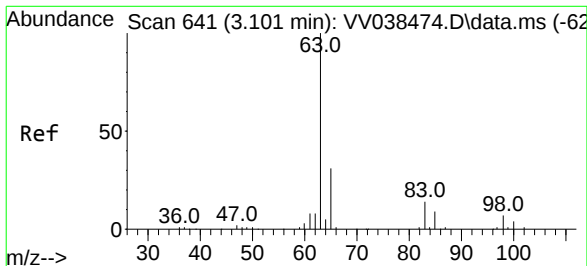
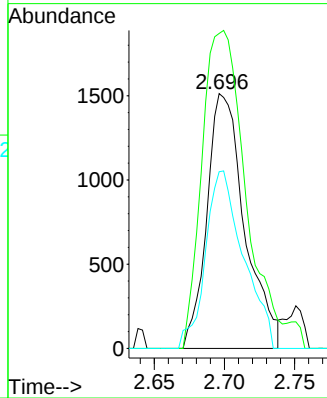
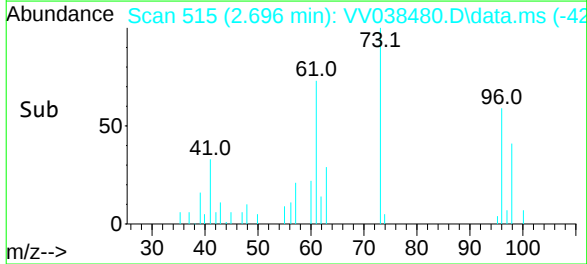
Instrument :
MSVOA_V
ClientSampleId :
MDL05



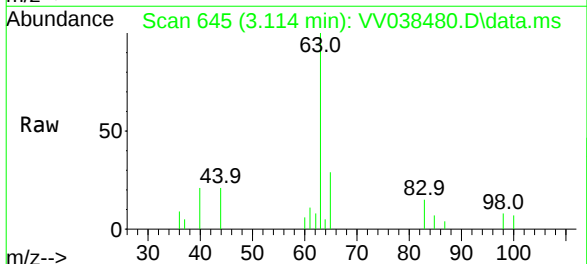
Tgt Ion: 96 Resp: 2837
Ion Ratio Lower Upper
96 100
61 123.6 94.8 176.2
98 69.3 44.2 82.2

Manual Integrations
APPROVED

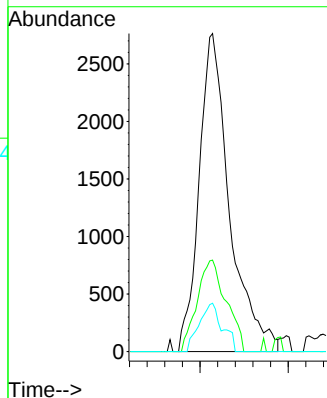
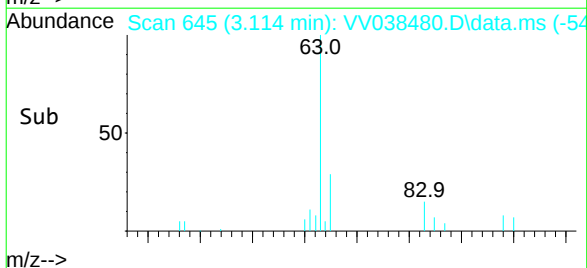
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

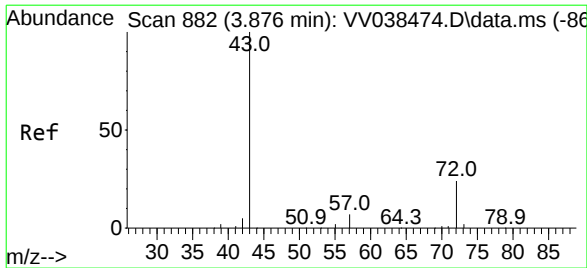


#19
1,1-Dichloroethane
Concen: 0.188 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54



Tgt Ion: 63 Resp: 6624
Ion Ratio Lower Upper
63 100
65 28.8 22.5 41.9
83 15.2 9.4 17.6





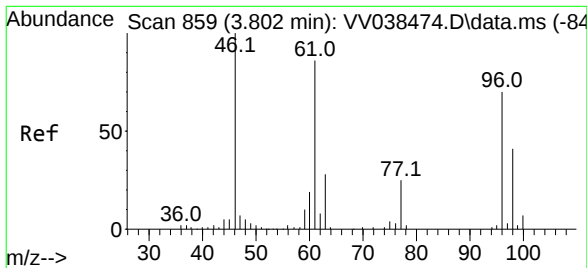
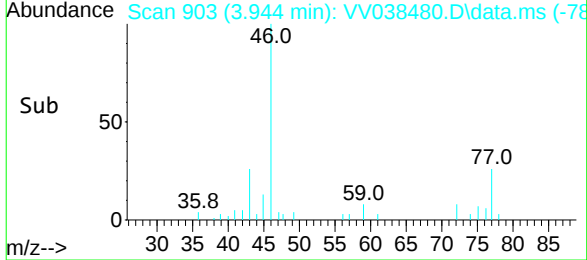
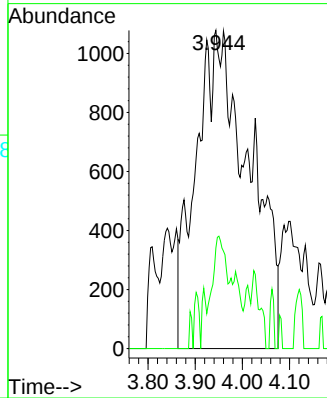
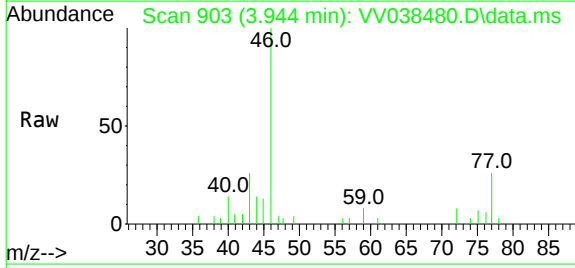
#21
2-Butanone
Concen: 2.047 ug/L m
RT: 3.944 min Scan# 90
Delta R.T. 0.067 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 8507
Ion Ratio Lower Upper
43 100
72 0.5 12.2 36.4#

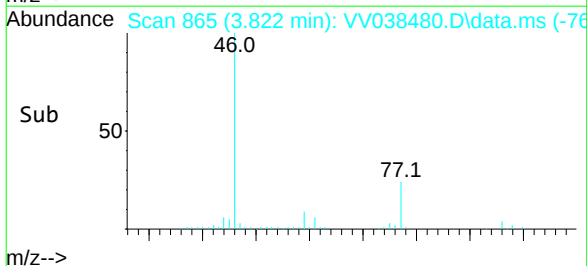
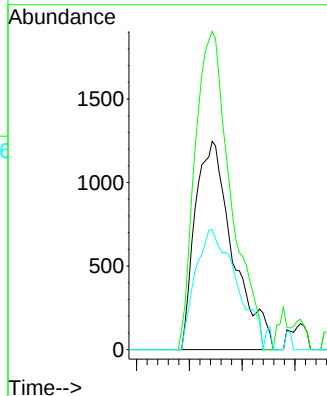
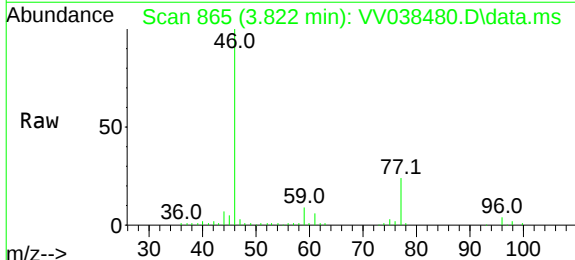
Manual Integrations
APPROVED

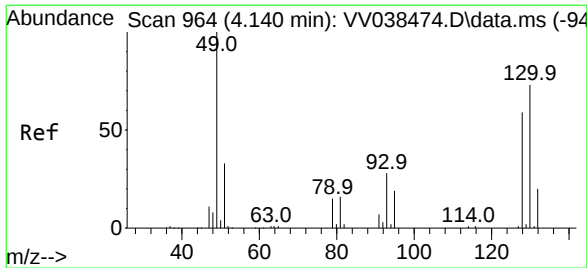
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#22
cis-1,2-Dichloroethene
Concen: 0.164 ug/L m
RT: 3.822 min Scan# 865
Delta R.T. 0.019 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

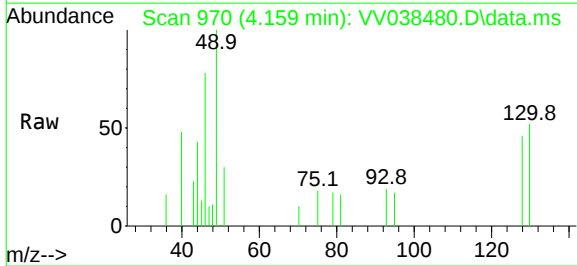
Tgt Ion: 96 Resp: 3090
Ion Ratio Lower Upper
96 100
61 152.7 86.5 160.7
98 57.5 43.8 81.3





#23
Bromochloromethane
Concen: 0.163 ug/L m
RT: 4.159 min Scan# 97
Delta R.T. 0.019 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

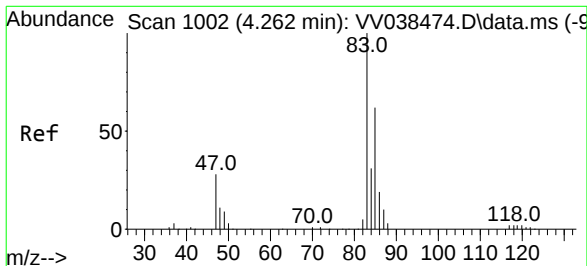
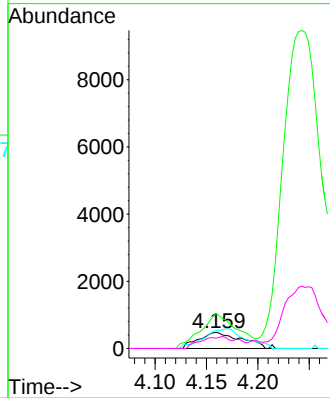
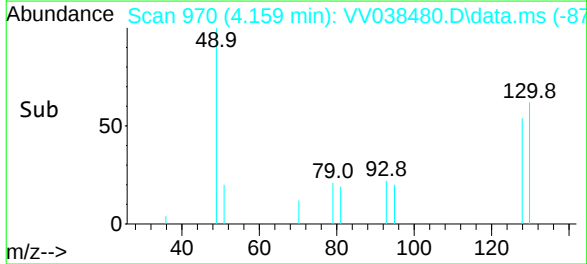
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 128 Resp: 1395
Ion Ratio Lower Upper
128 100
49 217.2 121.0 224.8
130 113.8 90.1 167.3
51 64.2 43.3 64.9

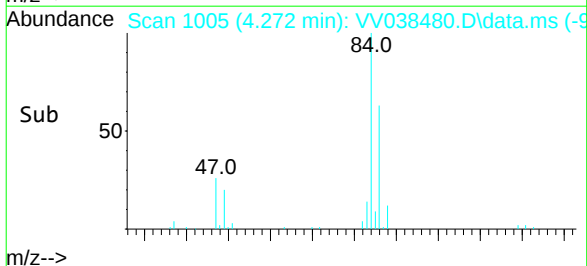
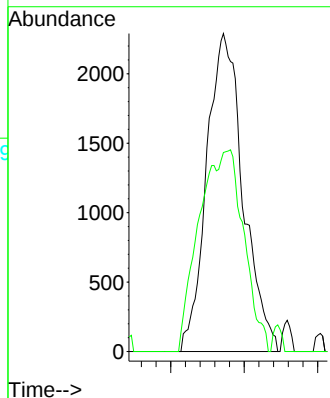
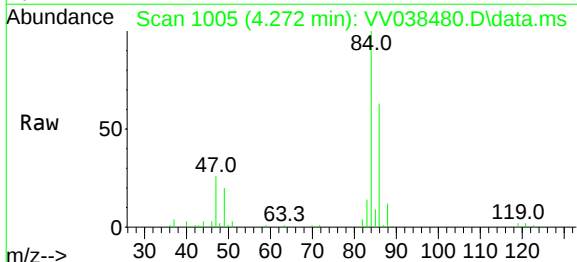
Manual Integrations
APPROVED

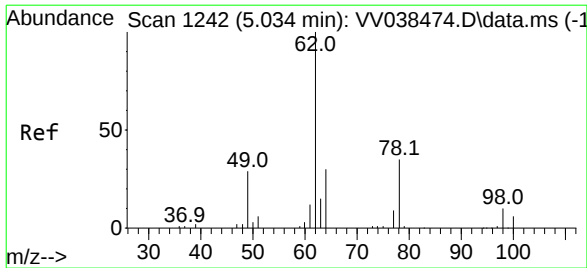
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#25
Chloroform
Concen: 0.227 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

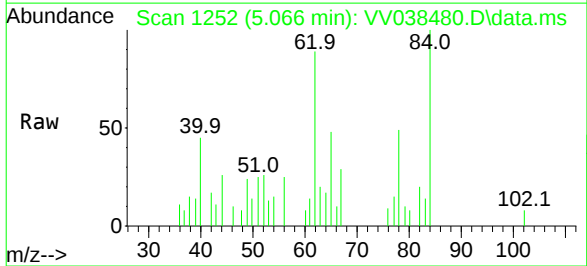
Tgt Ion: 83 Resp: 7897
Ion Ratio Lower Upper
83 100
85 62.6 44.0 81.8





#27
1,2-Dichloroethane
Concen: 0.214 ug/L m
RT: 5.066 min Scan# 12
Delta R.T. 0.032 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

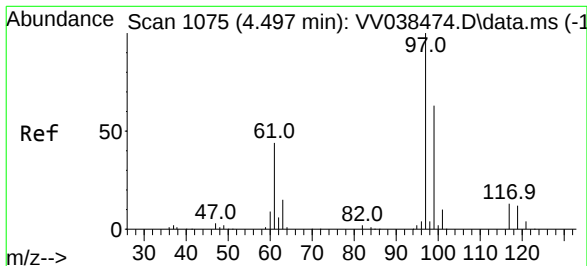
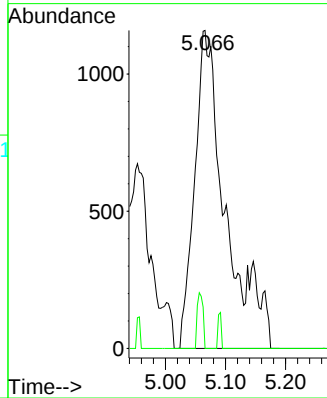
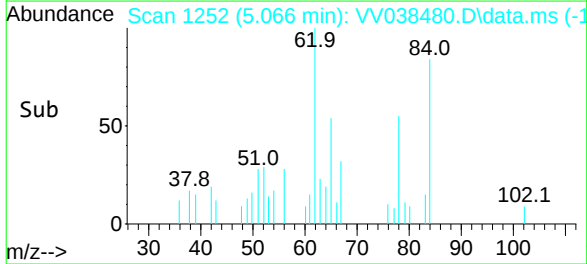
Instrument :
MSVOA_V
ClientSampleId :
MDL05



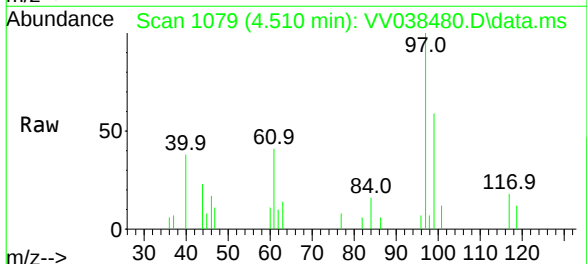
Tgt Ion: 62 Resp: 4151
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.6#

Manual Integrations
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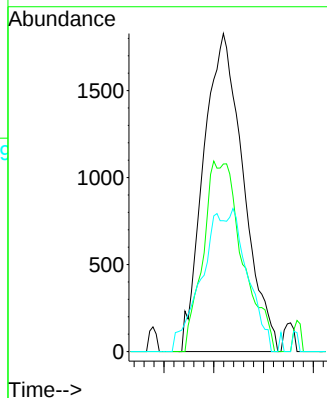
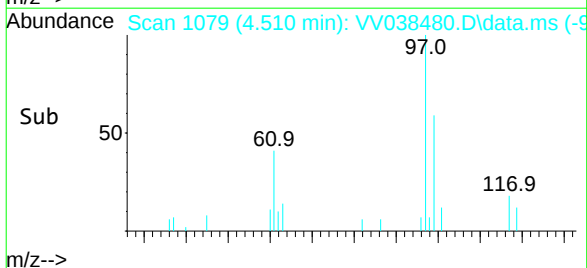
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

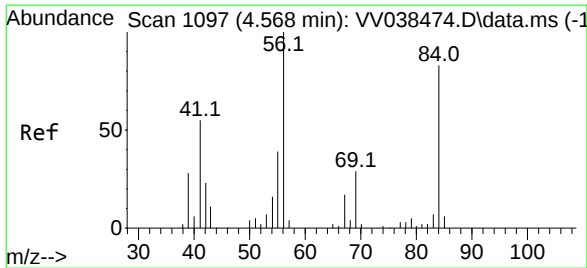


#29
1,1,1-Trichloroethane
Concen: 0.159 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54



Tgt Ion: 97 Resp: 5074
Ion Ratio Lower Upper
97 100
99 27.1 52.9 79.3#
61 28.7 36.4 54.6#





#30

Cyclohexane

Concen: 0.140 ug/L

RT: 4.580 min Scan# 111

Delta R.T. 0.013 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 56 Resp: 4078

Ion Ratio Lower Upper

56 100

69 17.4 24.7 37.1#

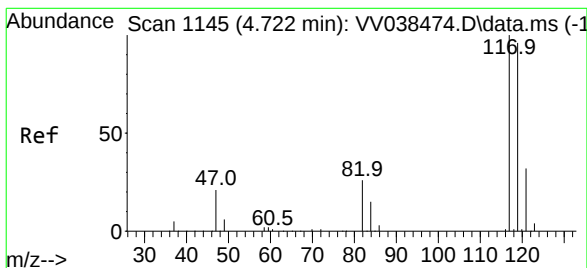
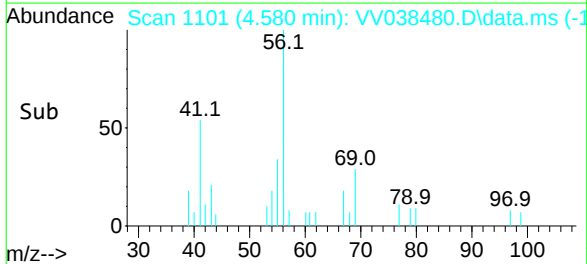
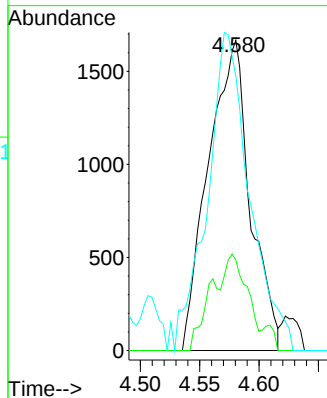
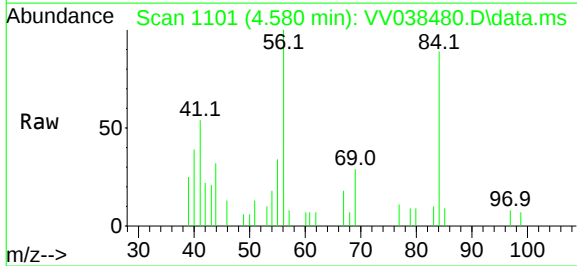
84 104.0 68.2 102.2#

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#31

Carbon tetrachloride

Concen: 0.164 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.010 min

Lab File: VV038480.D

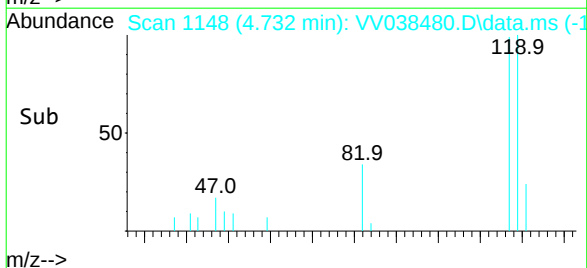
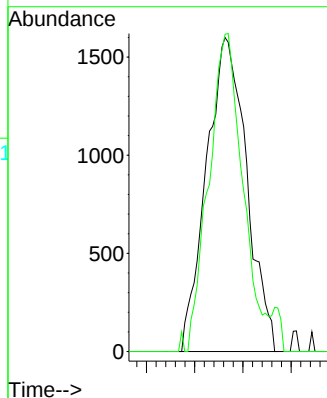
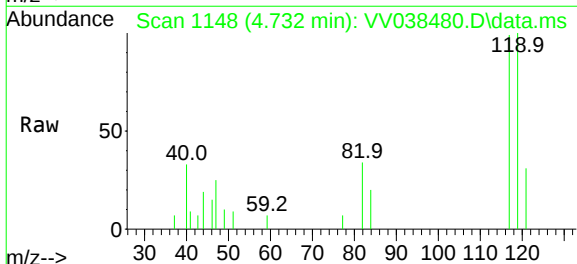
Acq: 21 Jan 2025 13:54

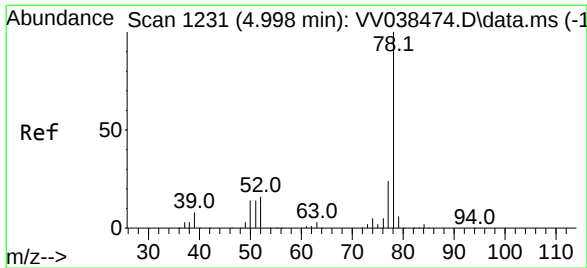
Tgt Ion:117 Resp: 4635

Ion Ratio Lower Upper

117 100

119 85.4 76.6 115.0





#33

Benzene

Concen: 0.172 ug/L

RT: 5.018 min Scan# 1231

Delta R.T. 0.019 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

MDL05

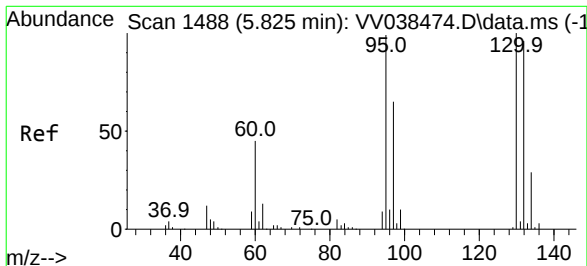
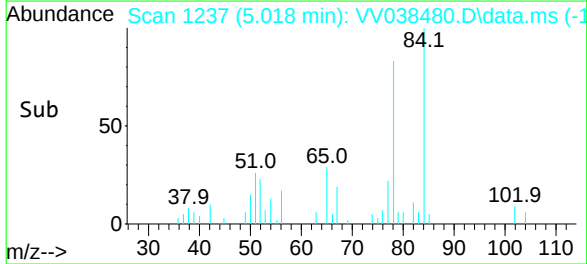
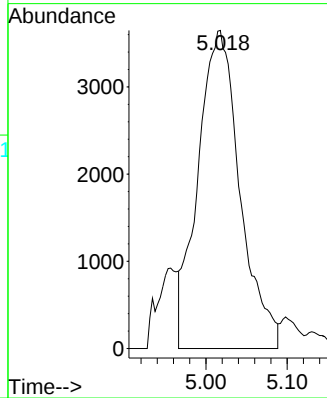
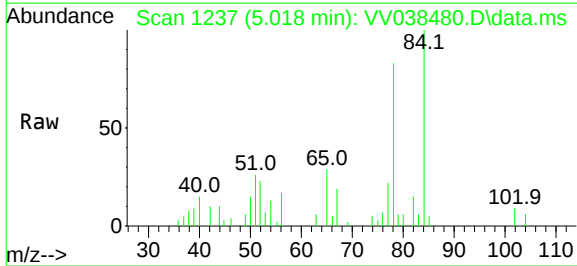
Tgt Ion: 78 Resp: 13110

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#34

Trichloroethene

Concen: 0.179 ug/L m

RT: 5.847 min Scan# 1495

Delta R.T. 0.022 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Tgt Ion: 95 Resp: 3556

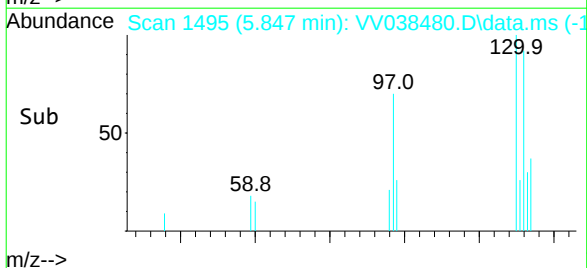
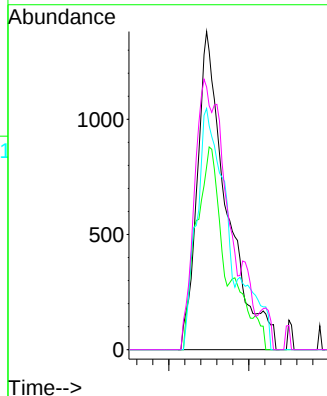
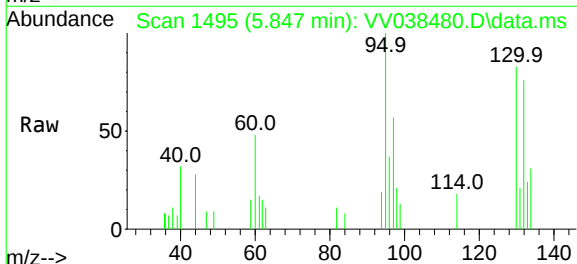
Ion Ratio Lower Upper

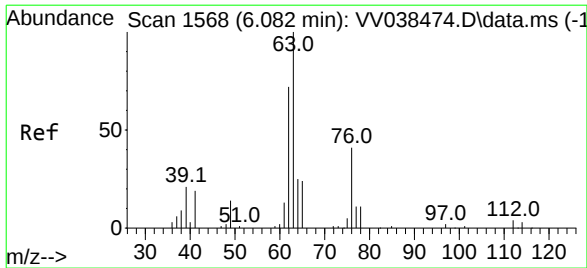
95 100

97 57.5 43.4 80.6

132 75.8 65.5 121.6

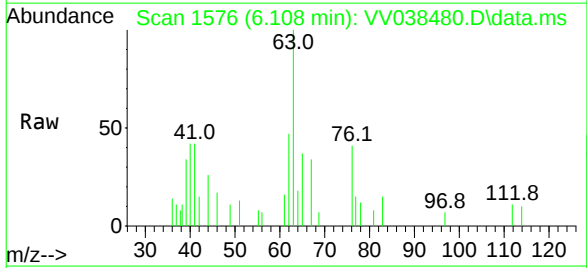
130 82.5 65.5 121.6





#37
1,2-Dichloropropane
Concen: 0.230 ug/L m
RT: 6.108 min Scan# 1568
Delta R.T. 0.026 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

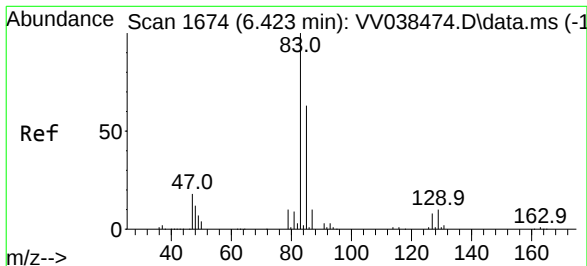
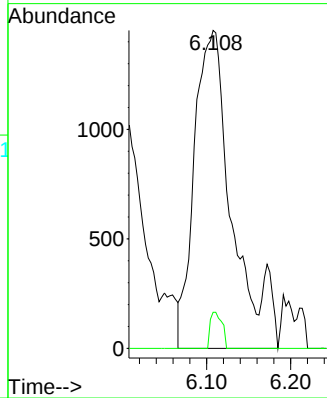
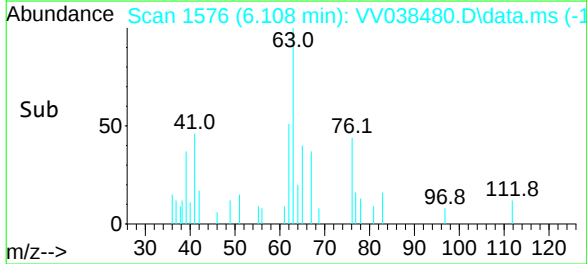
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 63 Resp: 4534
Ion Ratio Lower Upper
63 100
112 3.5 4.1 6.1#

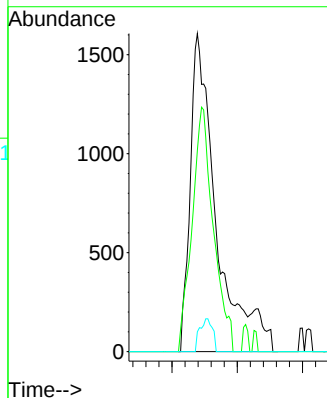
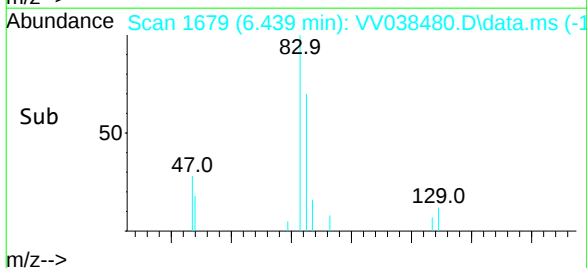
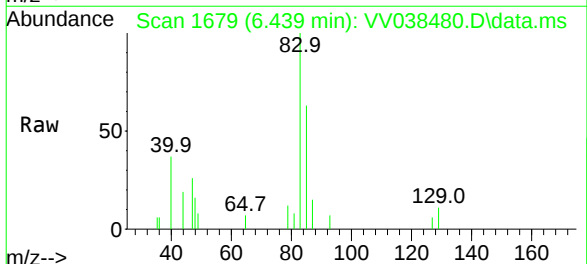
Manual Integrations
APPROVED

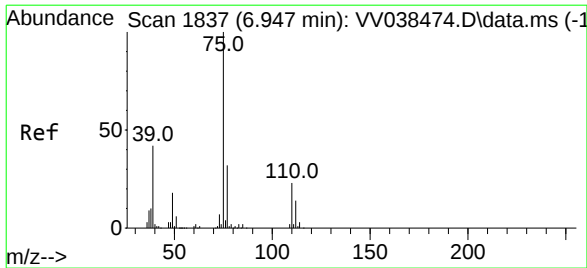
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#38
Bromodichloromethane
Concen: 0.175 ug/L m
RT: 6.439 min Scan# 1679
Delta R.T. 0.016 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

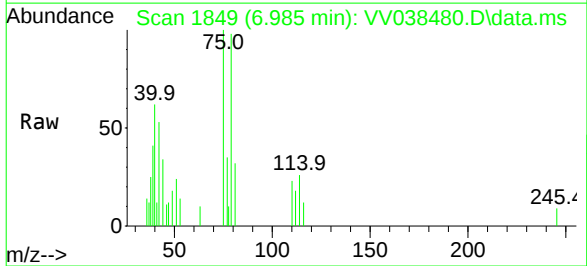
Tgt Ion: 83 Resp: 4460
Ion Ratio Lower Upper
83 100
85 63.2 44.7 83.1
127 6.2 6.8 10.2#





#39
cis-1,3-Dichloropropene
Concen: 0.153 ug/L m
RT: 6.985 min Scan# 1837
Delta R.T. 0.039 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

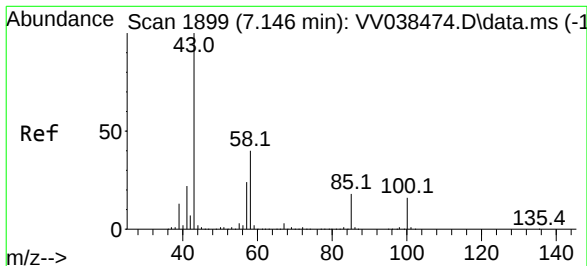
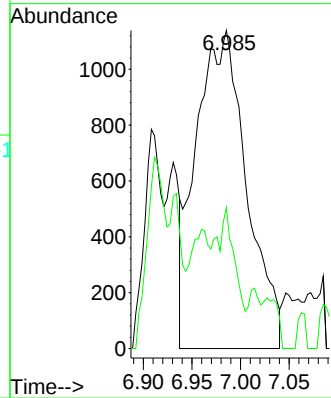
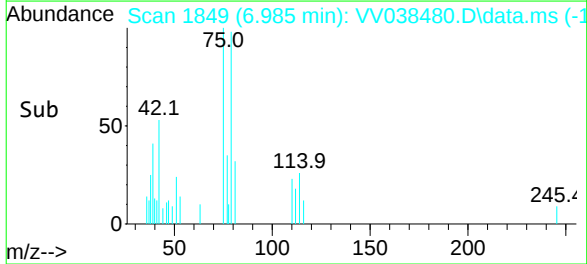
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 4142
Ion Ratio Lower Upper
75 100
77 34.7 21.7 40.3

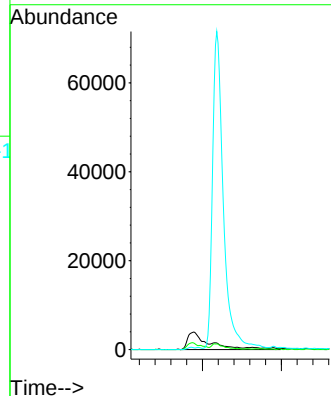
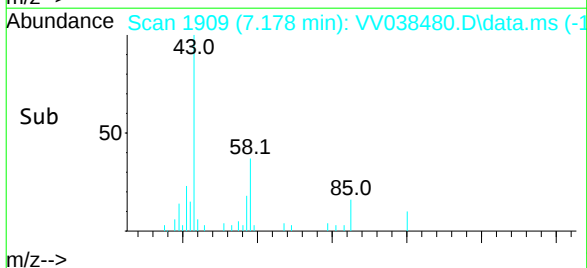
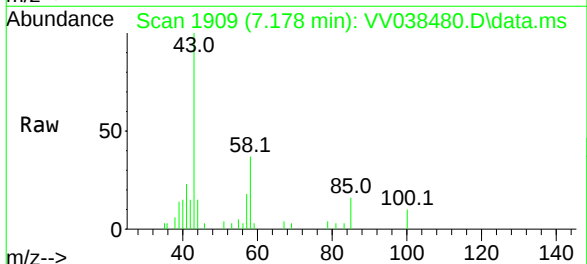
Manual Integrations
APPROVED

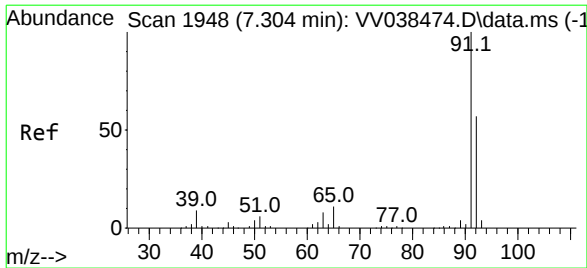
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#40
4-Methyl-2-pentanone
Concen: 1.570 ug/L m
RT: 7.178 min Scan# 1909
Delta R.T. 0.032 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion: 43 Resp: 16009
Ion Ratio Lower Upper
43 100
58 23.2 31.7 47.5#
100 0.0 12.4 18.6#





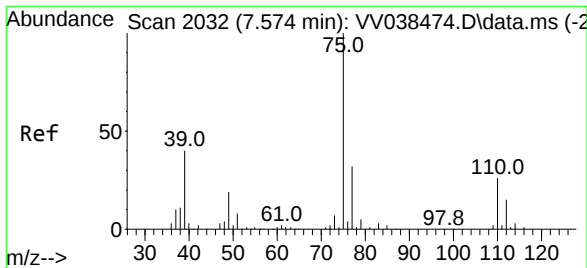
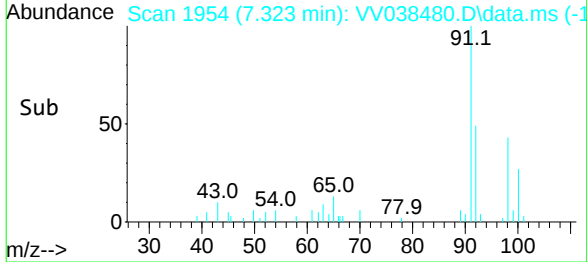
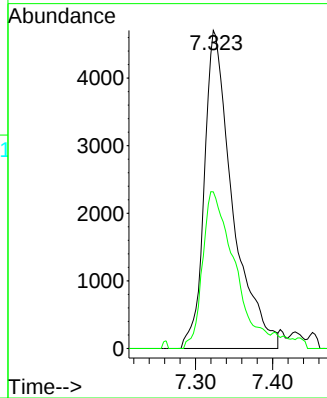
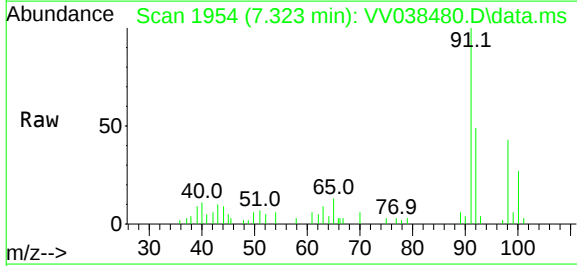
#42
Toluene
Concen: 0.151 ug/L
RT: 7.323 min Scan# 1948
Delta R.T. 0.019 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 11993
Ion Ratio Lower Upper
91 100
92 49.2 40.6 75.4

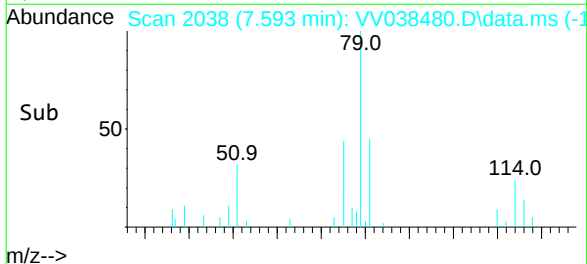
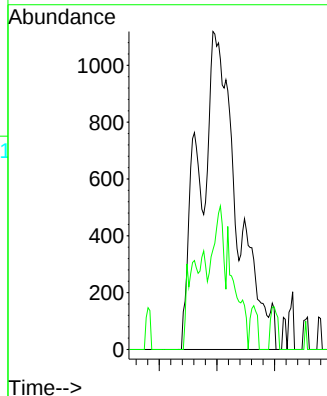
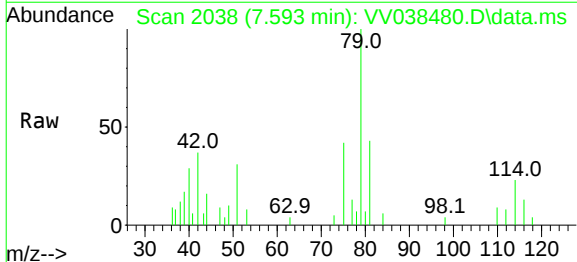
Manual Integrations
APPROVED

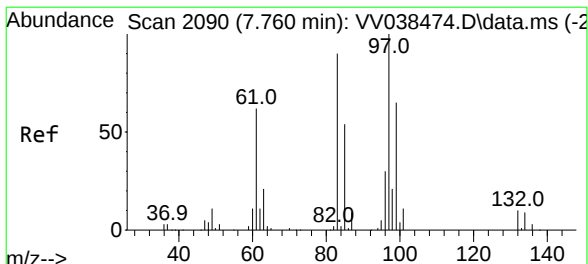
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#44
trans-1,3-Dichloropropene
Concen: 0.220 ug/L m
RT: 7.593 min Scan# 2038
Delta R.T. 0.019 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

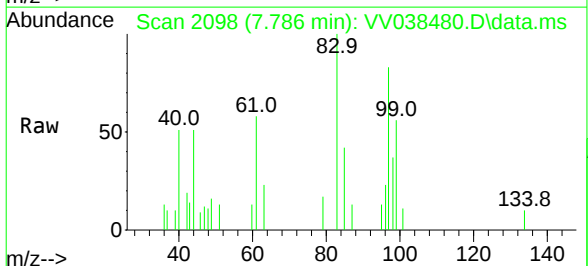
Tgt Ion: 75 Resp: 5055
Ion Ratio Lower Upper
75 100
77 31.4 22.8 42.4





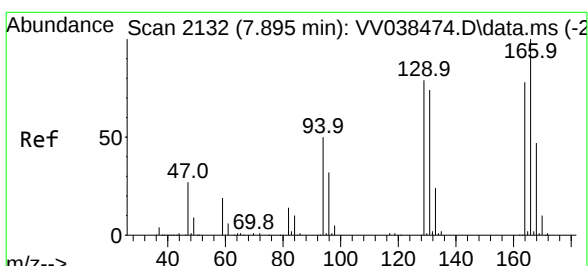
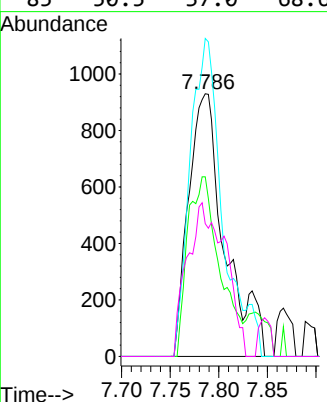
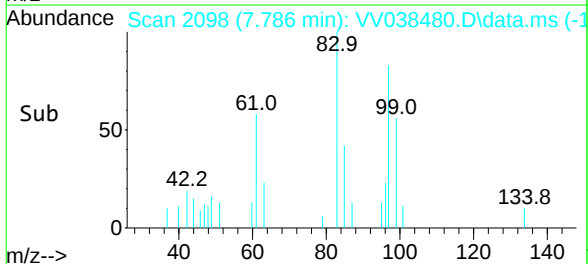
#45
 1,1,2-Trichloroethane
 Concen: 0.169 ug/L m
 RT: 7.786 min Scan# 20
 Delta R.T. 0.026 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

Instrument : MSVOA_V
 ClientSampleId : MDL05

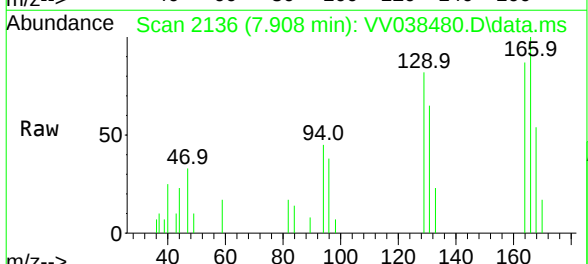


Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.4	42.3	78.5
83	121.1	59.4	110.4
85	50.5	37.0	68.6

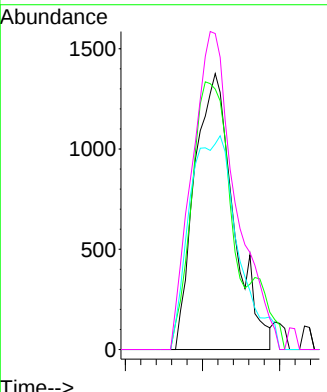
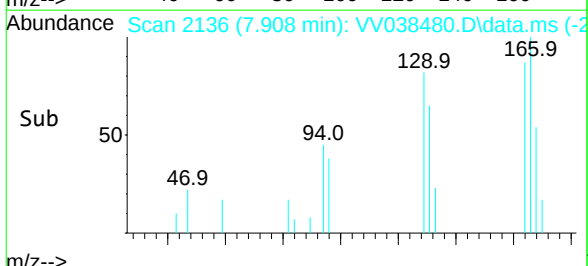
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

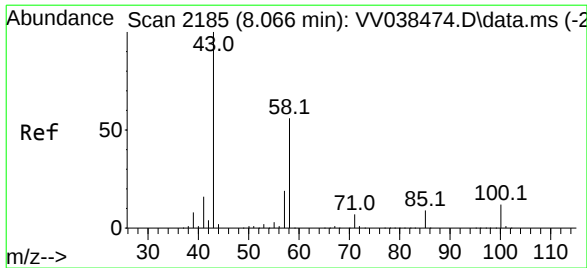


#47
 Tetrachloroethene
 Concen: 0.157 ug/L
 RT: 7.908 min Scan# 2136
 Delta R.T. 0.013 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54



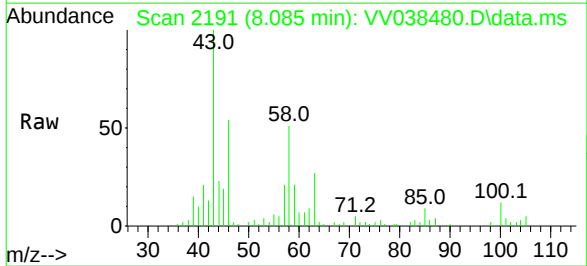
Tgt Ion	Ratio	Lower	Upper
164	100		
129	94.4	68.9	127.9
131	74.6	65.2	121.2
166	114.5	86.7	160.9





#48
2-Hexanone
Concen: 5.221 ug/L m
RT: 8.085 min Scan# 2185
Delta R.T. 0.019 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

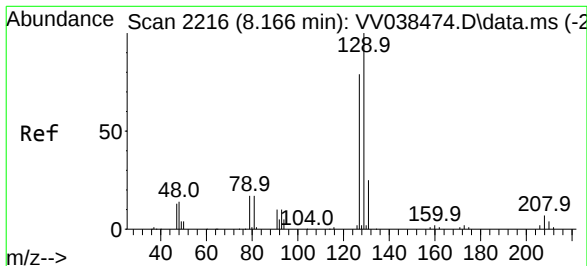
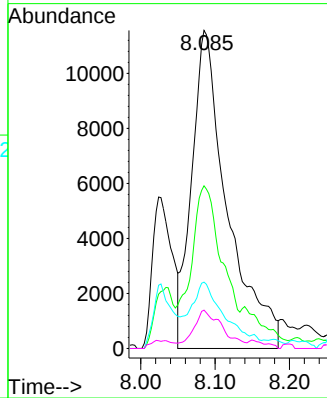
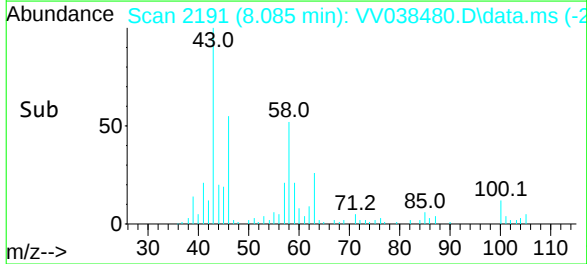
Instrument : MSVOA_V
ClientSampleId : MDL05



Tgt Ion: 43 Resp: 38538
Ion Ratio Lower Upper
43 100
58 33.7 43.6 65.4#
57 14.3 15.0 22.4#
100 7.9 10.0 15.0#

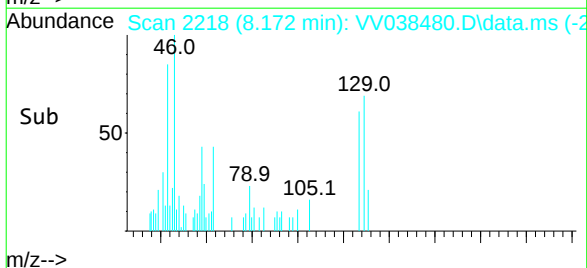
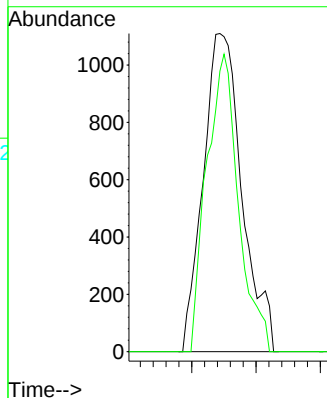
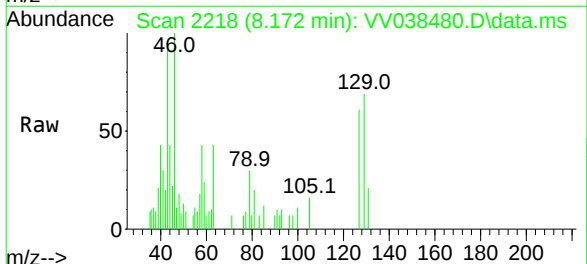
Manual Integrations
APPROVED

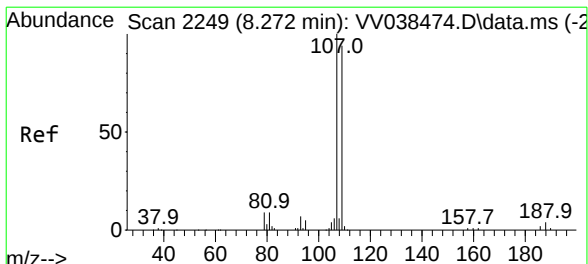
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#49
Dibromochloromethane
Concen: 0.142 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

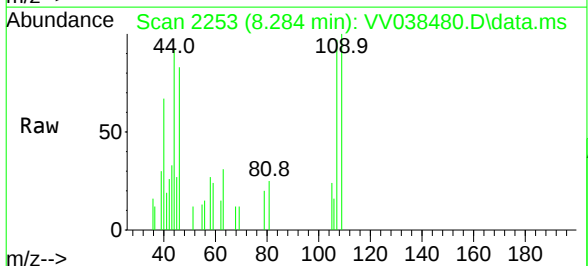
Tgt Ion:129 Resp: 2324
Ion Ratio Lower Upper
129 100
127 88.2 52.8 98.2





#50
 1,2-Dibromoethane
 Concen: 0.161 ug/L m
 RT: 8.284 min Scan# 2249
 Delta R.T. 0.013 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

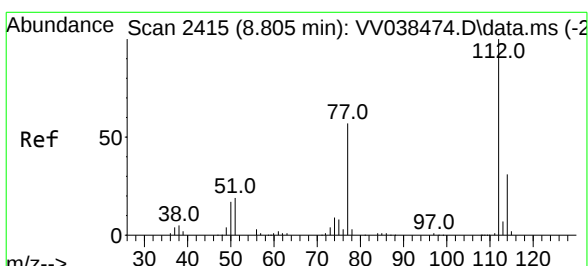
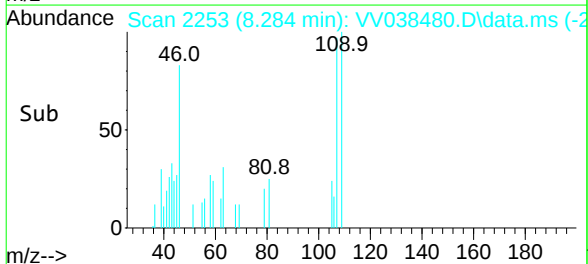
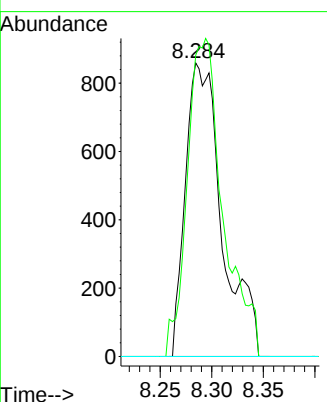
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



Tgt Ion	Ratio	Lower	Upper
107	100		
109	102.7	65.9	122.3
188	0.0	2.8	4.2#

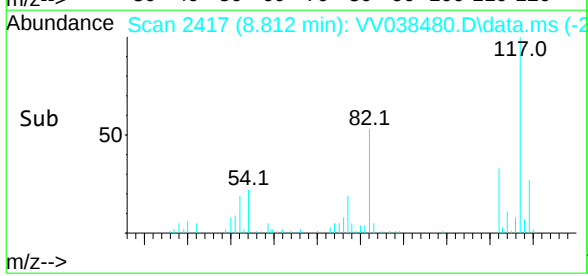
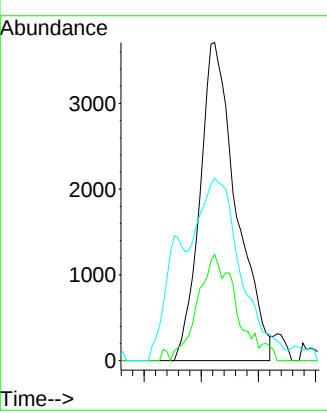
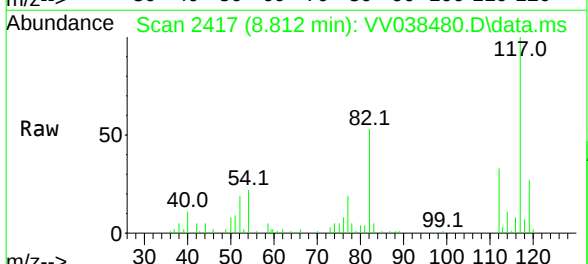
Manual Integrations
 APPROVED

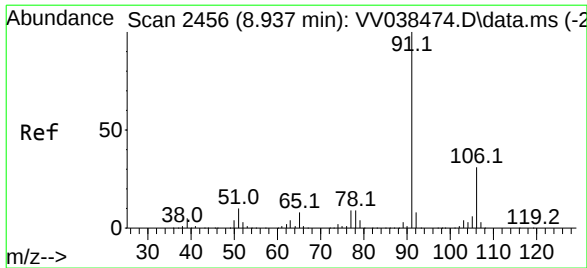
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#51
 Chlorobenzene
 Concen: 0.153 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. 0.006 min
 Lab File: VV038480.D
 Acq: 21 Jan 2025 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.9	42.5
77	57.3	46.1	69.1





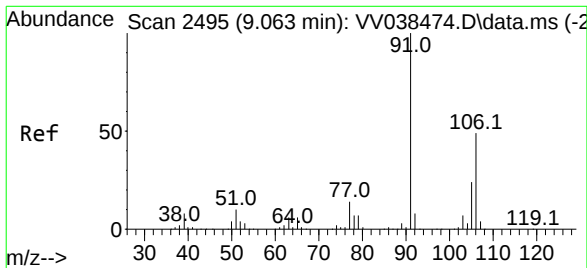
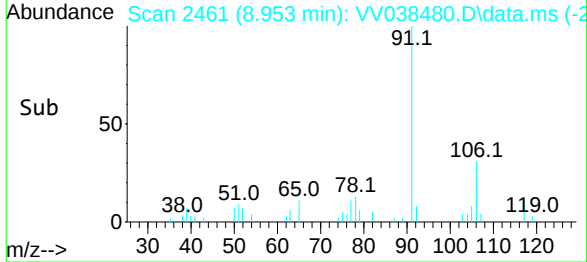
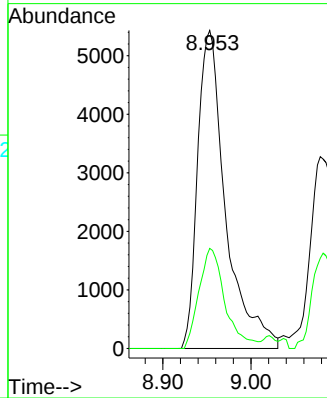
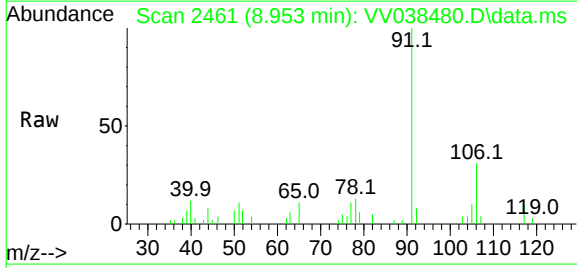
#52
Ethylbenzene
Concen: 0.140 ug/L
RT: 8.953 min Scan# 2456
Delta R.T. 0.016 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 11972
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8

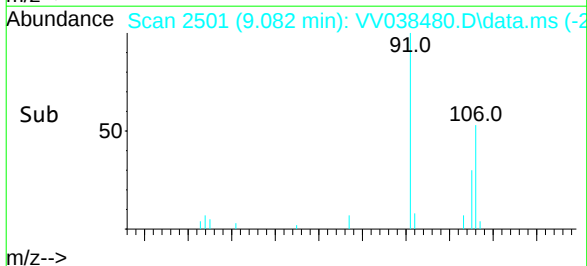
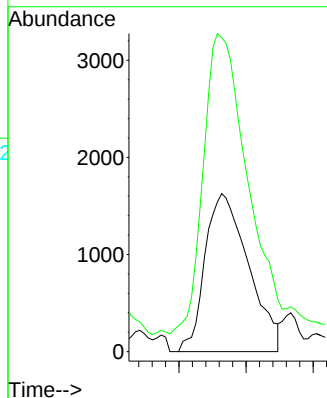
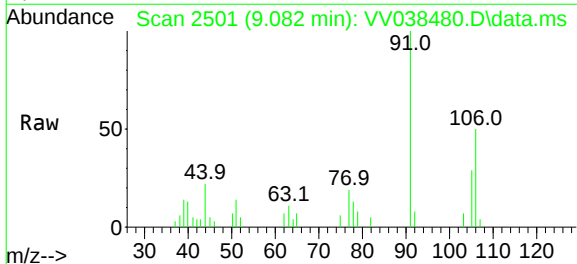
Manual Integrations
APPROVED

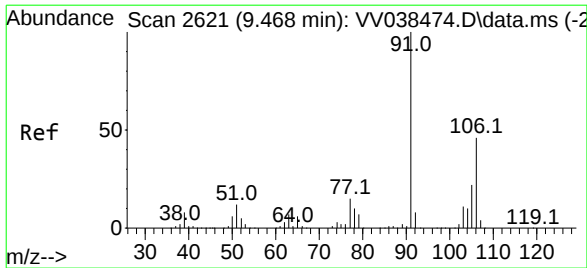
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#53
m,p-Xylene
Concen: 0.113 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:106 Resp: 3668
Ion Ratio Lower Upper
106 100
91 198.7 148.2 275.2





#54

o-Xylene

Concen: 0.124 ug/L

RT: 9.477 min Scan# 2621

Delta R.T. 0.010 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:106 Resp: 3833

Ion Ratio Lower Upper

106 100

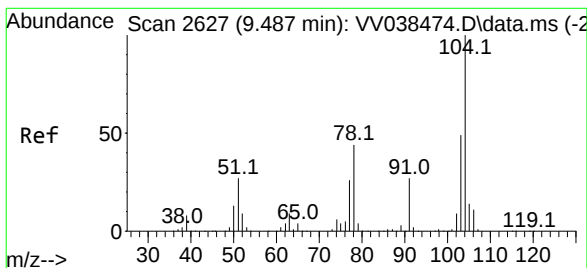
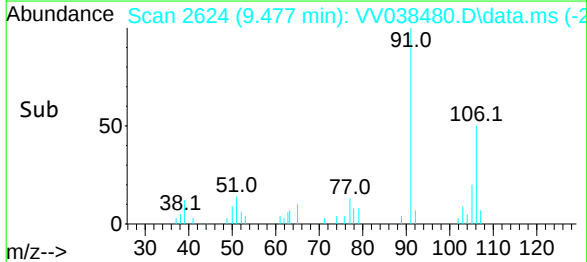
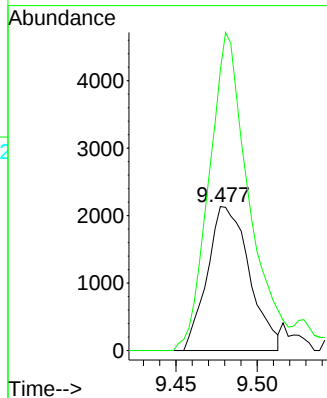
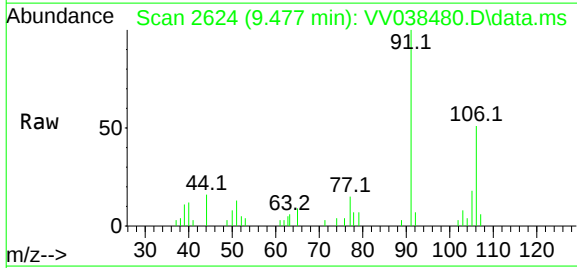
91 194.7 151.4 281.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#55

Styrene

Concen: 0.107 ug/L m

RT: 9.522 min Scan# 2638

Delta R.T. 0.035 min

Lab File: VV038480.D

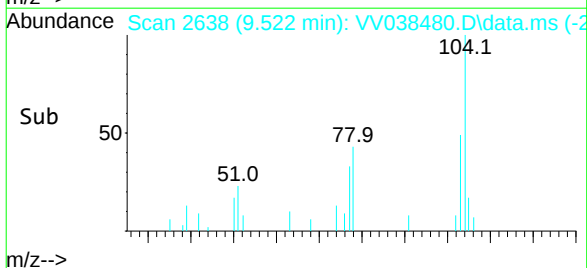
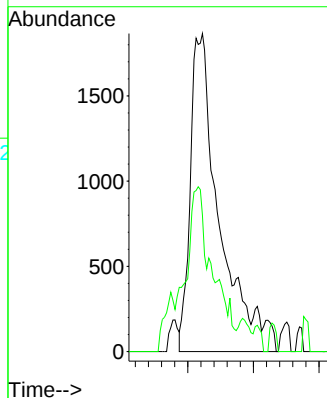
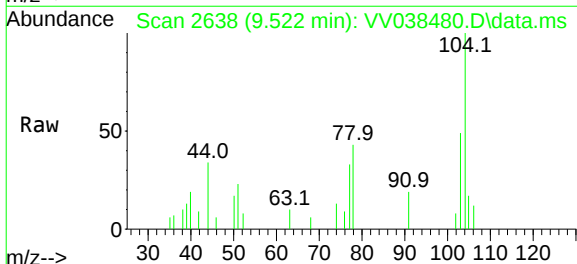
Acq: 21 Jan 2025 13:54

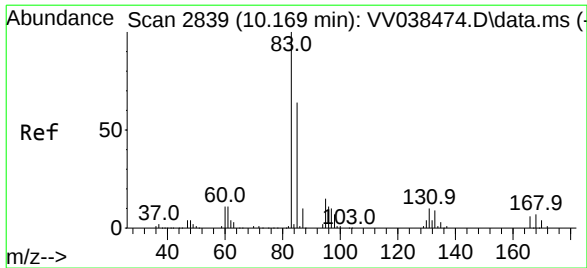
Tgt Ion:104 Resp: 5738

Ion Ratio Lower Upper

104 100

78 42.8 30.8 57.2





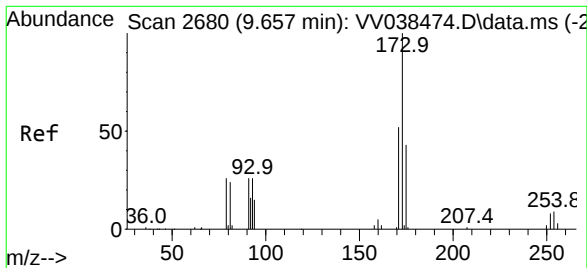
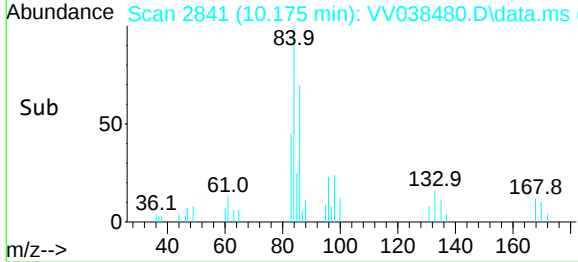
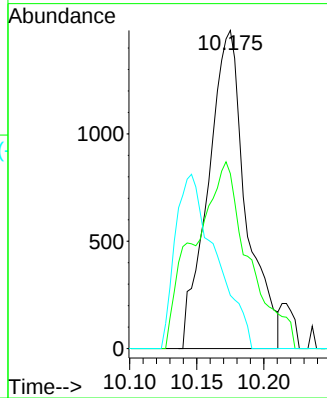
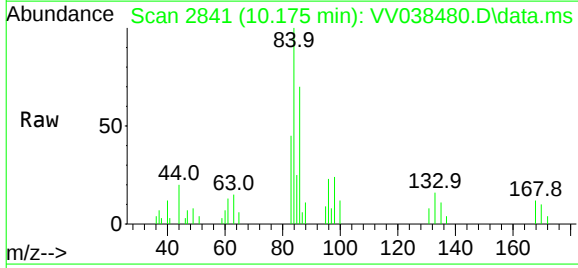
#57
1,1,2,2-Tetrachloroethane
Concen: 0.169 ug/L
RT: 10.175 min Scan# 2839
Delta R.T. 0.006 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion	83	Resp	2908
Ion Ratio	Lower	Upper	
83	100		
85	55.0	45.1	83.7
131	16.7	7.5	11.3#

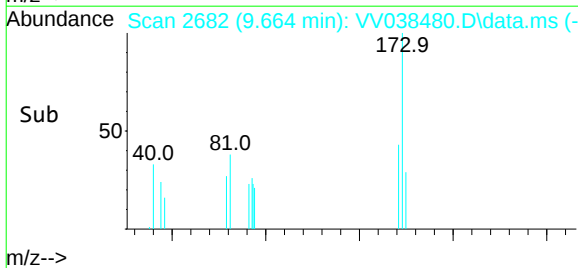
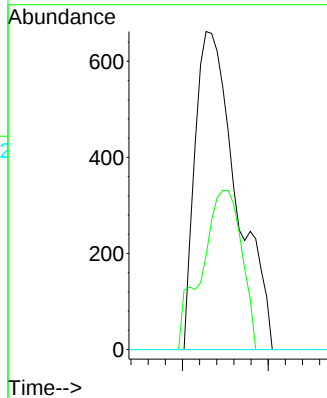
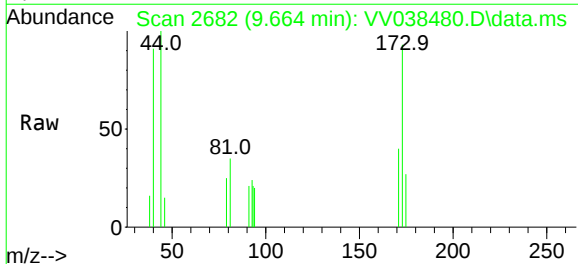
Manual Integrations
APPROVED

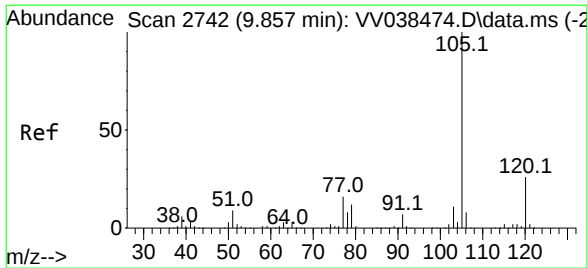
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#59
Bromoform
Concen: 0.163 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.006 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion	173	Resp	1109
Ion Ratio	Lower	Upper	
173	100		
175	48.3	37.6	56.4
254	0.0	5.6	8.4#





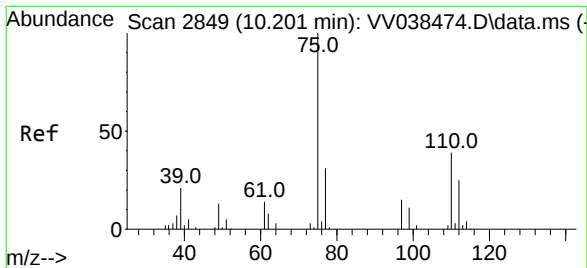
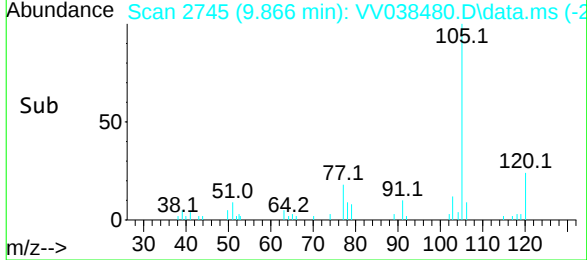
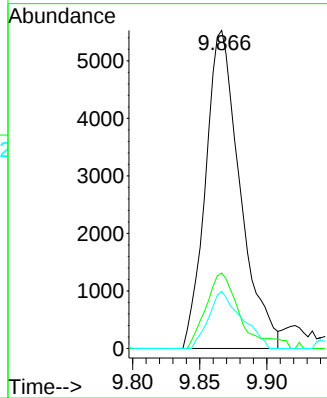
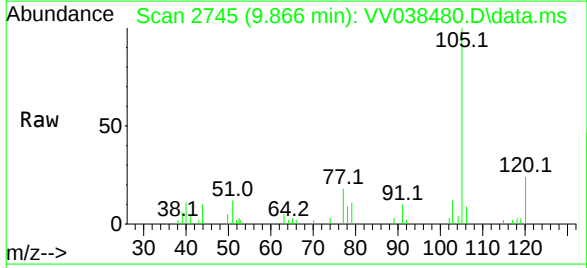
#60
Isopropylbenzene
Concen: 0.150 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:	105	Resp:	9868
Ion	Ratio	Lower	Upper
105	100		
120	23.6	21.4	32.2
77	17.1	12.7	19.1

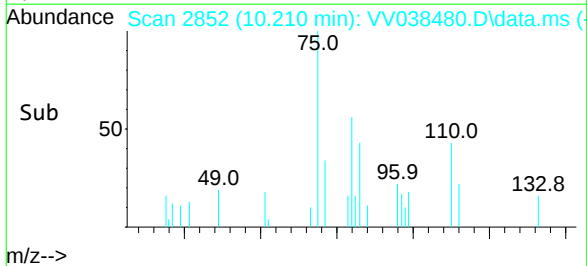
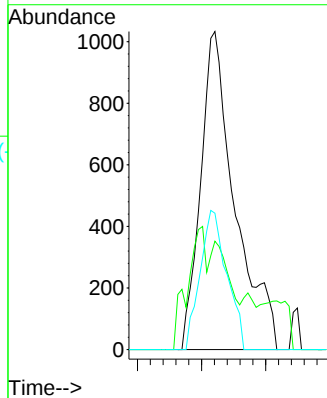
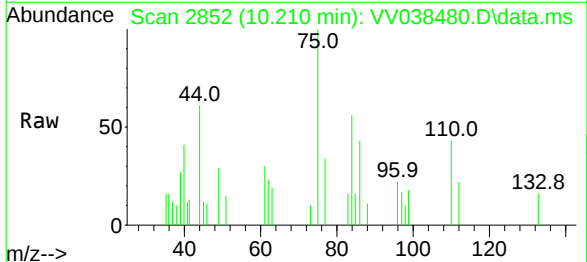
Manual Integrations
APPROVED

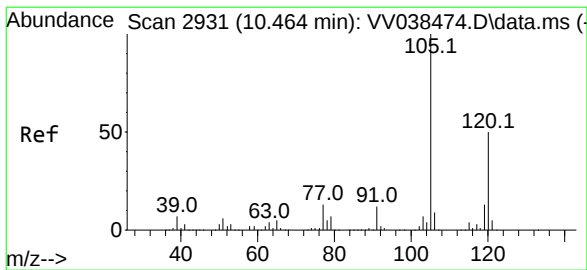
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#61
1,2,3-Trichloropropane
Concen: 0.205 ug/L m
RT: 10.210 min Scan# 2852
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

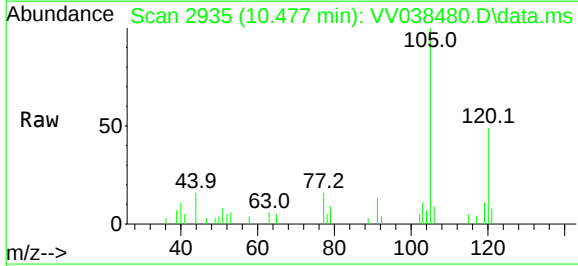
Tgt Ion:	75	Resp:	1921
Ion	Ratio	Lower	Upper
75	100		
77	9.5	25.4	38.0#
110	33.9	32.6	48.8





#62
1,3,5-Trimethylbenzene
Concen: 0.145 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.013 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

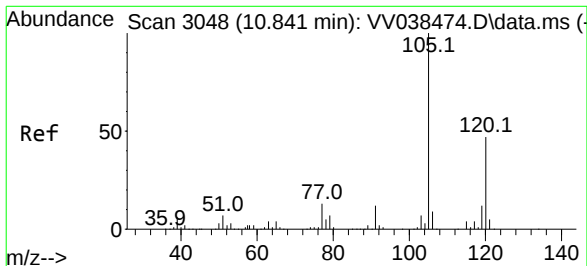
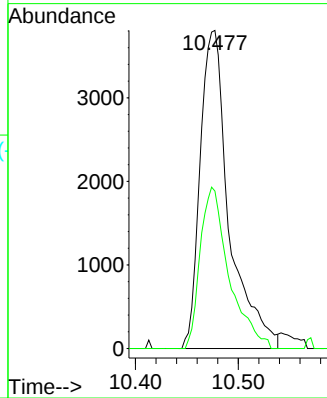
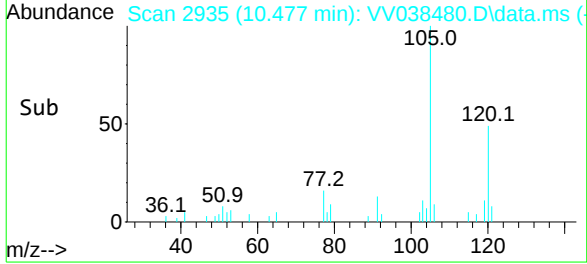
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:105 Resp: 7454
Ion Ratio Lower Upper
105 100
120 50.5 39.4 59.0

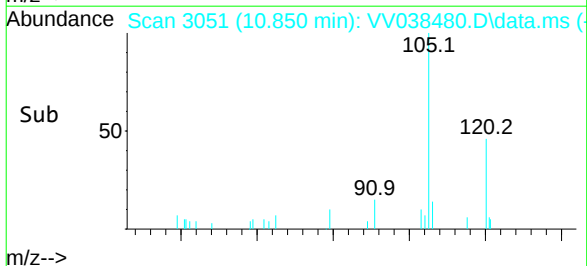
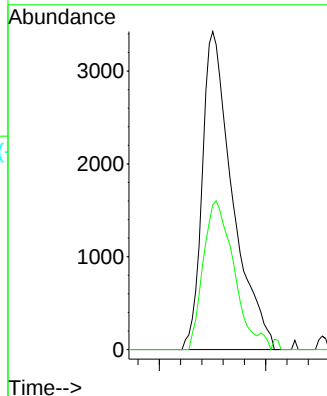
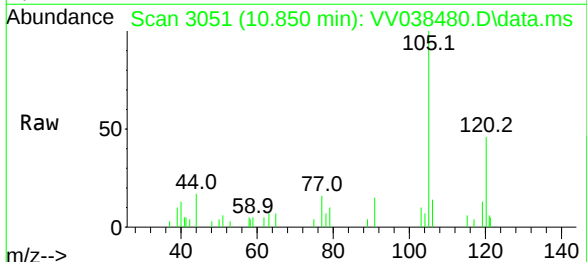
Manual Integrations
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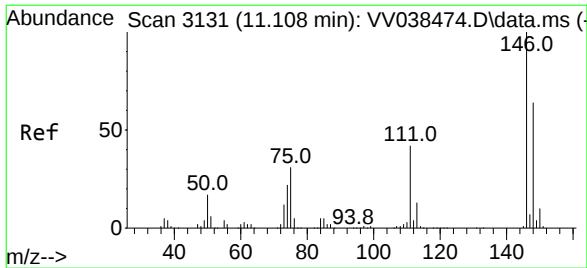
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#63
1,2,4-Trimethylbenzene
Concen: 0.131 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

Tgt Ion:105 Resp: 6758
Ion Ratio Lower Upper
105 100
120 47.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.163 ug/L

RT: 11.120 min Scan# 311

Delta R.T. 0.013 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

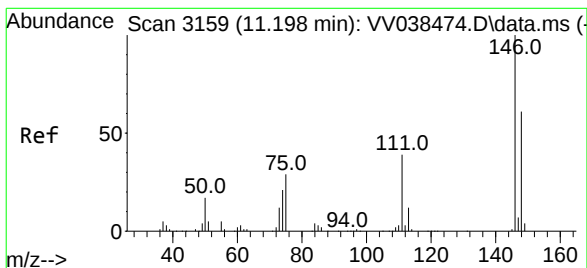
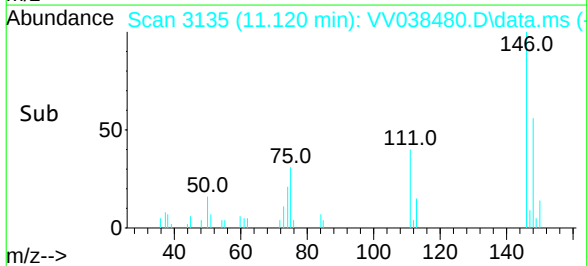
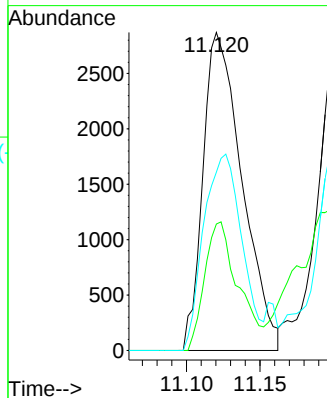
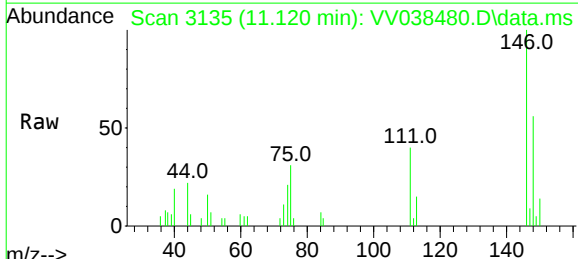
MDL05

Tgt Ion:	146	Resp:	5310
Ion Ratio	Lower	Upper	
146	100		
111	39.8	27.9	51.9
148	56.1	44.7	83.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#65

1,4-Dichlorobenzene

Concen: 0.188 ug/L m

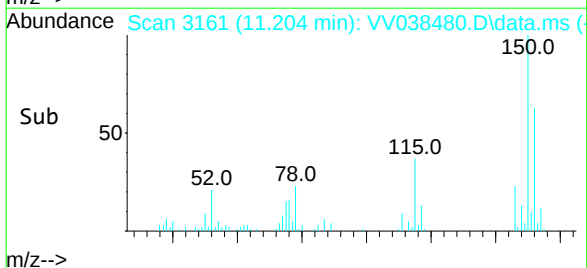
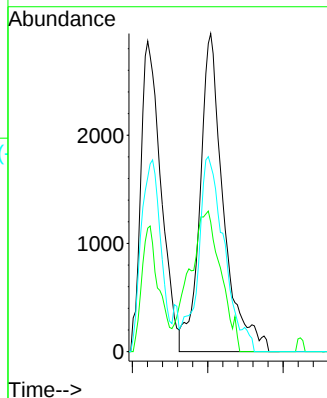
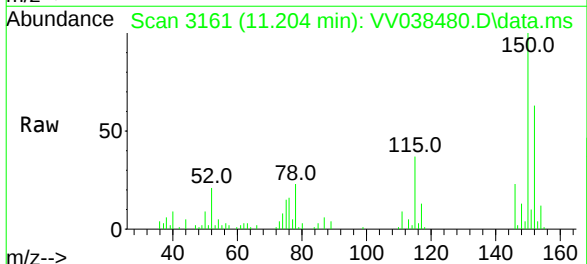
RT: 11.204 min Scan# 3161

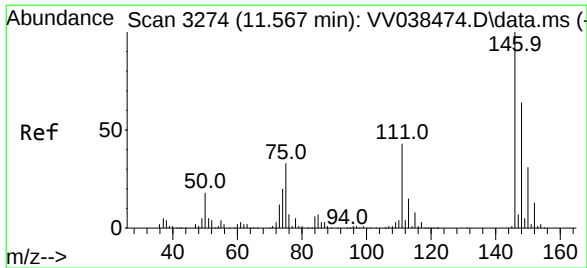
Delta R.T. 0.006 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Tgt Ion:	146	Resp:	6335
Ion Ratio	Lower	Upper	
146	100		
111	40.7	28.1	52.3
148	58.6	44.7	83.1





#67

1,2-Dichlorobenzene

Concen: 0.191 ug/L

RT: 11.570 min Scan# 3274

Delta R.T. 0.003 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

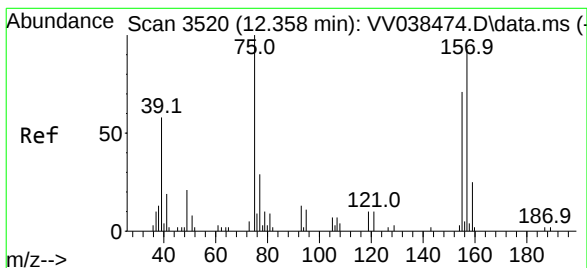
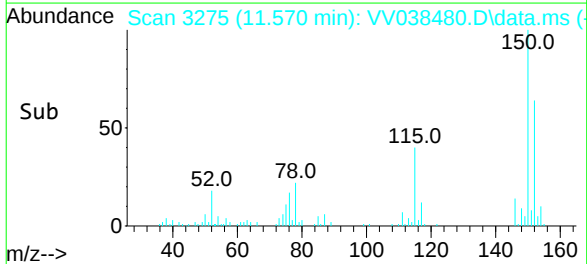
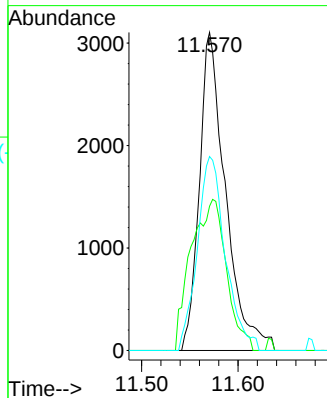
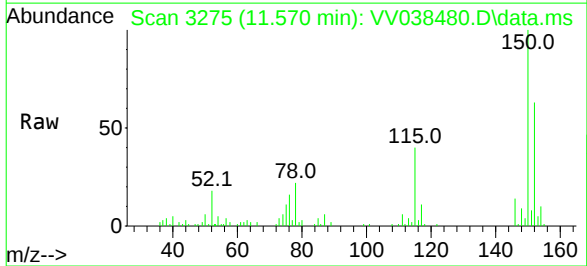
MDL05

Tgt	Ion:146	Resp:	5840
Ion	Ratio	Lower	Upper
146	100		
111	45.4	33.4	50.0
148	61.0	49.9	74.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#68

1,2-Dibromo-3-chloropropane

Concen: 0.182 ug/L m

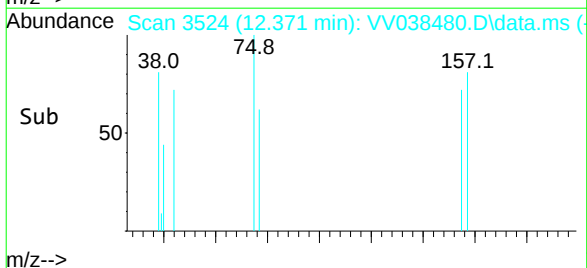
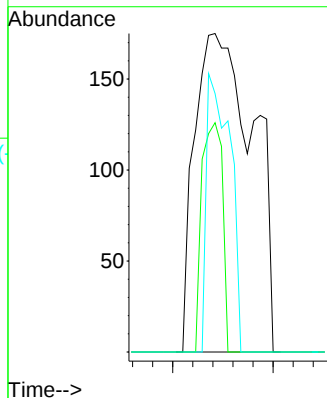
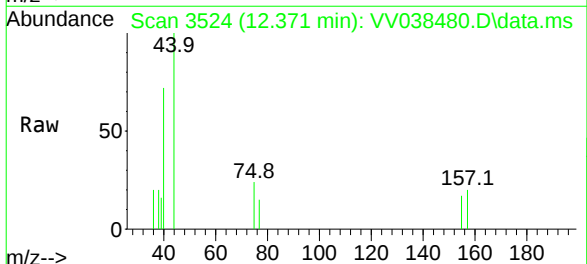
RT: 12.371 min Scan# 3524

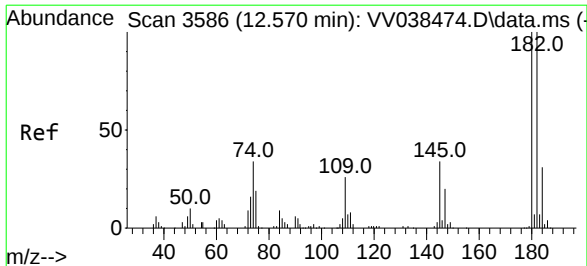
Delta R.T. 0.013 min

Lab File: VV038480.D

Acq: 21 Jan 2025 13:54

Tgt	Ion: 75	Resp:	353
Ion	Ratio	Lower	Upper
75	100		
155	72.0	56.7	85.1
157	81.1	74.4	111.6





#69

1,3,5-Trichlorobenzene

Concen: 0.171 ug/L

RT: 12.586 min Scan# 3586

Delta R.T. 0.016 min

Lab File: VV038480.D

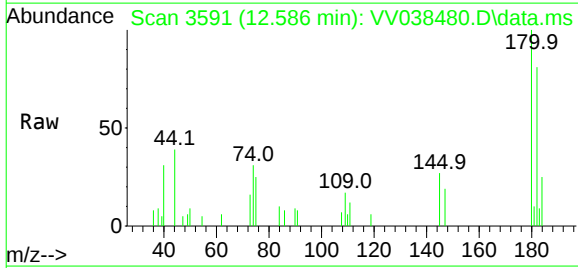
Acq: 21 Jan 2025 13:54

Instrument :

MSVOA_V

ClientSampleId :

MDL05



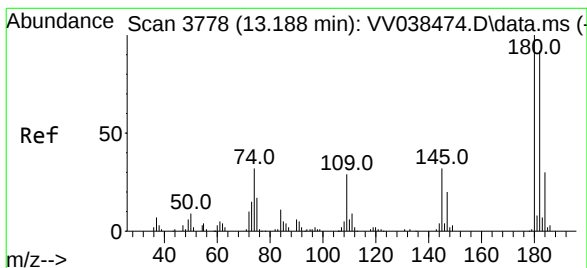
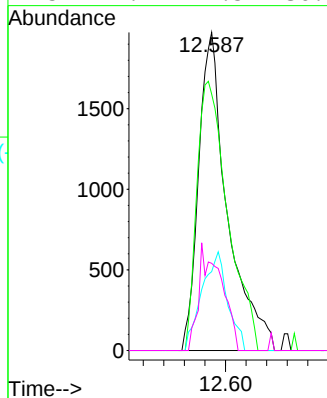
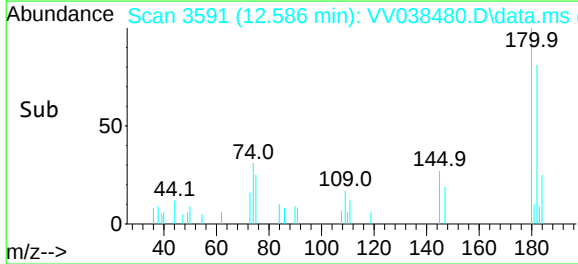
Tgt Ion:	180	Resp:	3837
Ion Ratio	Lower	Upper	
180	100		
182	90.6	74.3	111.5
184	27.7	23.2	34.8
145	14.1	24.5	36.7#

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#70

1,2,4-trichlorobenzene

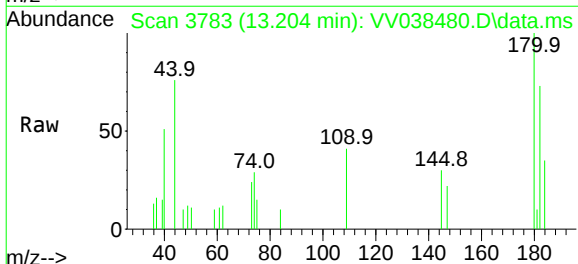
Concen: 0.131 ug/L

RT: 13.204 min Scan# 3783

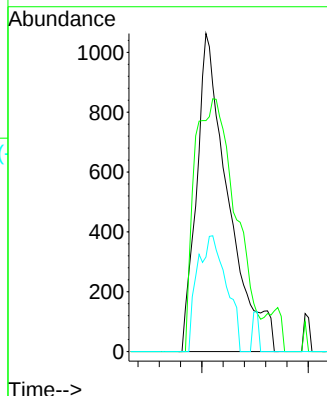
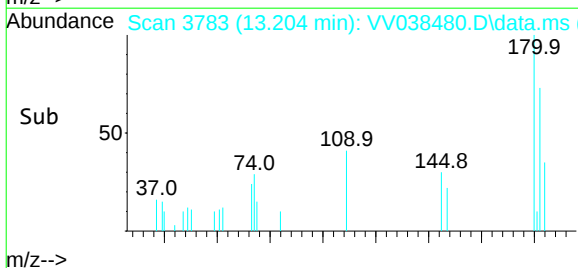
Delta R.T. 0.016 min

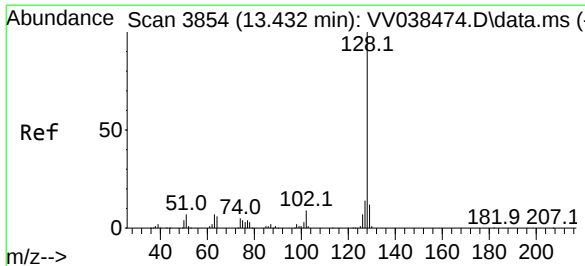
Lab File: VV038480.D

Acq: 21 Jan 2025 13:54



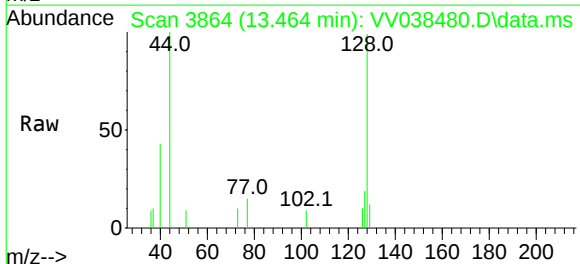
Tgt Ion:	180	Resp:	2193
Ion Ratio	Lower	Upper	
180	100		
182	103.5	77.5	116.3
145	33.2	26.2	39.4





#71
Naphthalene
Concen: 0.175 ug/L m
RT: 13.464 min Scan# 3854
Delta R.T. 0.032 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54

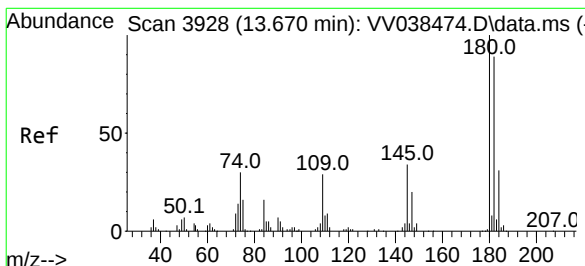
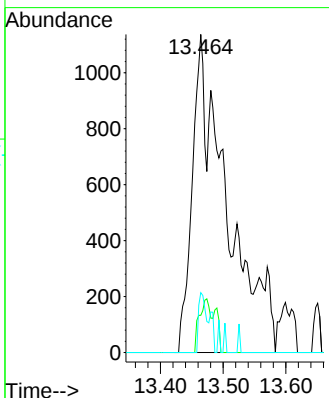
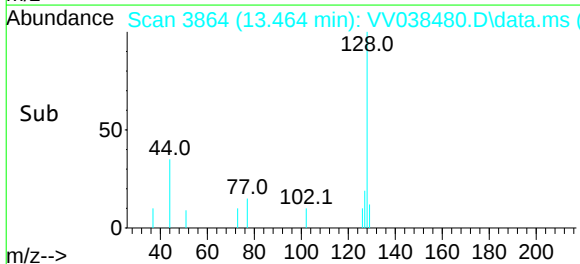
Instrument :
MSVOA_V
ClientSampleId :
MDL05



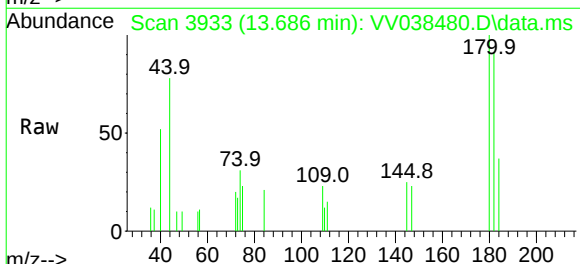
Tgt Ion:128 Resp: 4331
Ion Ratio Lower Upper
128 100
129 0.0 8.3 12.5#
127 4.3 11.0 16.6#

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#72
1,2,3-Trichlorobenzene
Concen: 0.143 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.016 min
Lab File: VV038480.D
Acq: 21 Jan 2025 13:54



Tgt Ion:180 Resp: 2059
Ion Ratio Lower Upper
180 100
182 98.0 77.0 115.6
145 20.7 27.1 40.7#

