

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063479.D
 Acq On : 10 Jul 2025 14:37
 Operator : MD/SY
 Sample : MDL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Quant Time: Jul 11 04:54:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	118550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	210515	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	190774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.807	152	96096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	73384	48.516	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.040%		
35) Dibromofluoromethane	5.280	113	58529	46.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.240%		
50) Toluene-d8	7.888	98	183997	44.483	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.960%#		
62) 4-Bromofluorobenzene	10.627	95	81653	45.130	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	582	0.617	ug/l	88
3) Chloromethane	1.518	50	898	0.782	ug/l #	83
4) Vinyl Chloride	1.595	62	907	0.712	ug/l #	82
5) Bromomethane	1.849	94	982	1.101	ug/l	94
6) Chloroethane	1.920	64	809	0.877	ug/l	99
7) Trichlorofluoromethane	2.129	101	1278	0.622	ug/l	96
8) Diethyl Ether	2.370	74	447	0.522	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.573	101	484	0.398	ug/l #	61
10) Methyl Iodide	2.708	142	771	0.607	ug/l #	77
11) Tert butyl alcohol	3.209	59	2540m	5.008	ug/l	
12) 1,1-Dichloroethene	2.570	96	836	0.739	ug/l #	72
13) Acrolein	2.473	56	298m	4.163	ug/l	
14) Allyl chloride	2.904	41	2084	0.774	ug/l #	75
15) Acrylonitrile	3.312	53	3879	3.571	ug/l	94
16) Acetone	2.624	43	6184	4.874	ug/l #	81
17) Carbon Disulfide	2.779	76	2697	0.997	ug/l #	90
18) Methyl Acetate	2.943	43	1639	0.502	ug/l #	85
19) Methyl tert-butyl Ether	3.357	73	2674	0.548	ug/l #	73
20) Methylene Chloride	3.029	84	2703	1.461	ug/l	98
21) trans-1,2-Dichloroethene	3.335	96	1119	0.921	ug/l #	60
22) Diisopropyl ether	3.997	45	2451	0.535	ug/l #	50
23) Vinyl Acetate	3.965	43	8300	2.333	ug/l	98
24) 1,1-Dichloroethane	3.849	63	1469m	0.565	ug/l	
25) 2-Butanone	4.762	43	5860m	4.114	ug/l	
26) 2,2-Dichloropropane	4.647	77	1212	0.535	ug/l #	68
27) cis-1,2-Dichloroethene	4.666	96	882m	0.550	ug/l	
28) Bromochloromethane	4.968	49	734m	0.601	ug/l	
29) Tetrahydrofuran	5.071	42	2323	2.585	ug/l	94
30) Chloroform	5.074	83	1524	0.555	ug/l	96
31) Cyclohexane	5.357	56	3862	1.847	ug/l #	20
32) 1,1,1-Trichloroethane	5.299	97	1104	0.472	ug/l #	52
36) 1,1-Dichloropropene	5.524	75	1264m	0.733	ug/l	
37) Ethyl Acetate	4.795	43	2136m	0.765	ug/l	
38) Carbon Tetrachloride	5.508	117	1175	0.618	ug/l #	55
39) Methylcyclohexane	6.750	83	1327	0.637	ug/l	99
40) Benzene	5.766	78	3016m	0.560	ug/l	

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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

Quant Time: Jul 11 04:54:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.016	41	621m	0.471	ug/l	
42) 1,2-Dichloroethane	5.795	62	1282	0.633	ug/l	80
43) Isopropyl Acetate	5.936	43	2582m	0.696	ug/l	
44) Trichloroethene	6.544	130	739	0.513	ug/l	87
45) 1,2-Dichloropropane	6.785	63	670m	0.448	ug/l	
46) Dibromomethane	6.907	93	529	0.497	ug/l	93
47) Bromodichloromethane	7.100	83	1144	0.517	ug/l #	97
48) Methyl methacrylate	6.981	41	1076m	0.628	ug/l	
49) 1,4-Dioxane	6.981	88	257	6.832	ug/l #	72
51) 4-Methyl-2-Pentanone	7.794	43	8074	3.008	ug/l	96
52) Toluene	7.965	92	1911	0.543	ug/l	89
53) t-1,3-Dichloropropene	8.216	75	746	0.385	ug/l #	80
54) cis-1,3-Dichloropropene	7.611	75	996	0.459	ug/l #	86
55) 1,1,2-Trichloroethane	8.399	97	712	0.476	ug/l	94
56) Ethyl methacrylate	8.351	69	1094	0.453	ug/l #	77
57) 1,3-Dichloropropane	8.569	76	1106	0.449	ug/l	99
59) 2-Hexanone	8.695	43	6857	3.377	ug/l	86
60) Dibromochloromethane	8.807	129	622	0.371	ug/l	75
61) 1,2-Dibromoethane	8.926	107	842	0.574	ug/l #	66
64) Tetrachloroethene	8.544	164	723	0.509	ug/l	91
65) Chlorobenzene	9.441	112	2383	0.600	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.524	131	690	0.507	ug/l #	56
67) Ethyl Benzene	9.566	91	3951	0.579	ug/l	95
68) m/p-Xylenes	9.692	106	3016	1.158	ug/l	90
69) o-Xylene	10.100	106	1322	0.499	ug/l	95
70) Styrene	10.122	104	1862	0.442	ug/l #	87
71) Bromoform	10.290	173	631	0.532	ug/l #	74
73) Isopropylbenzene	10.482	105	3479	0.532	ug/l	98
74) N-amyl acetate	10.335	43	2220m	0.757	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.778	83	1179	0.490	ug/l #	94
76) 1,2,3-Trichloropropane	10.817	75	1835	0.721	ug/l #	81
77) Bromobenzene	10.775	156	807	0.504	ug/l #	61
78) n-propylbenzene	10.900	91	4424	0.583	ug/l	95
79) 2-Chlorotoluene	10.981	91	2930	0.616	ug/l	97
80) 1,3,5-Trimethylbenzene	11.084	105	3033	0.530	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.540	75	237m	0.464	ug/l	
82) 4-Chlorotoluene	11.103	91	3420	0.633	ug/l	99
83) tert-Butylbenzene	11.412	119	3244	0.591	ug/l	94
84) 1,2,4-Trimethylbenzene	11.466	105	3240	0.577	ug/l	94
85) sec-Butylbenzene	11.637	105	4279	0.591	ug/l	88
86) p-Isopropyltoluene	11.788	119	3523	0.600	ug/l	88
87) 1,3-Dichlorobenzene	11.746	146	1921	0.622	ug/l	95
88) 1,4-Dichlorobenzene	11.833	146	2248m	0.714	ug/l	
89) n-Butylbenzene	12.212	91	3879	0.714	ug/l	98
90) Hexachloroethane	12.466	117	442	0.450	ug/l #	58
91) 1,2-Dichlorobenzene	12.216	146	1701	0.565	ug/l	84
92) 1,2-Dibromo-3-Chloropr...	13.000	75	254	0.446	ug/l	71
93) 1,2,4-Trichlorobenzene	13.846	180	1435	0.744	ug/l	90
94) Hexachlorobutadiene	14.023	225	441	0.535	ug/l	93
95) Naphthalene	14.103	128	6819m	1.080	ug/l	
96) 1,2,3-Trichlorobenzene	14.331	180	1301	0.686	ug/l	90

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

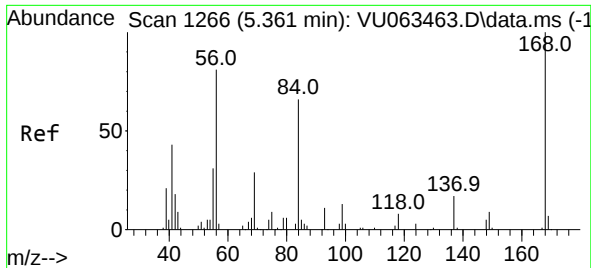
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

Quant Time: Jul 11 04:54:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 11 04:42:35 2025
Response via : Initial Calibration

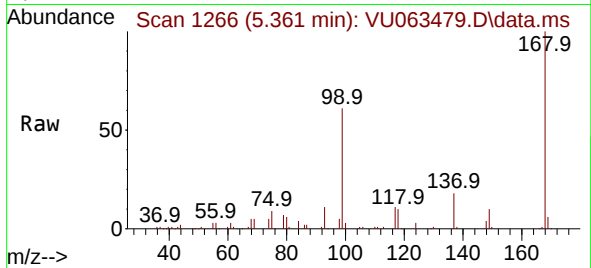
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

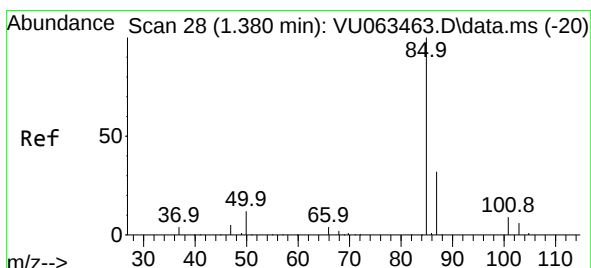
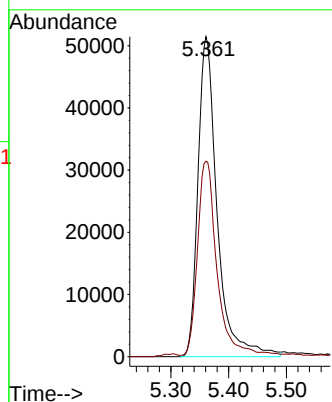
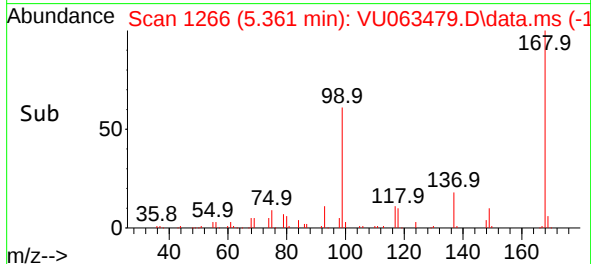
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion:168 Resp: 118550
Ion Ratio Lower Upper
168 100
99 60.7 47.7 71.5

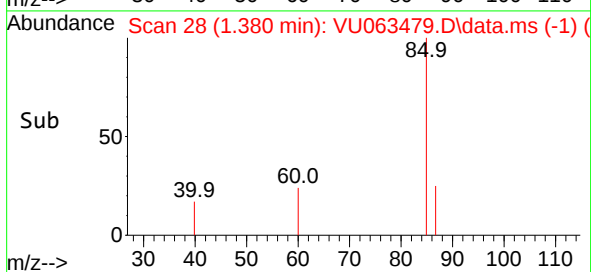
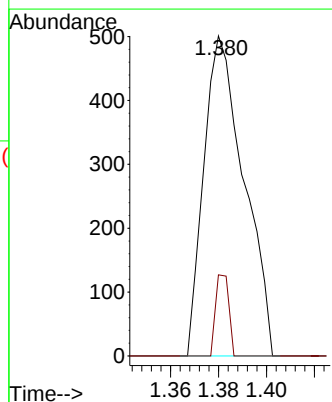
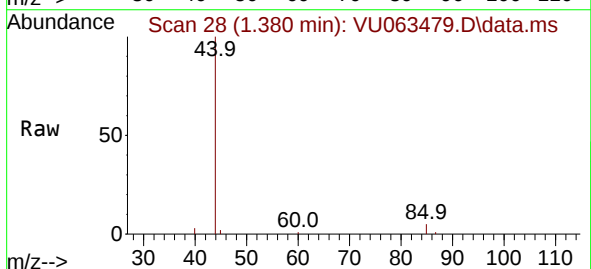
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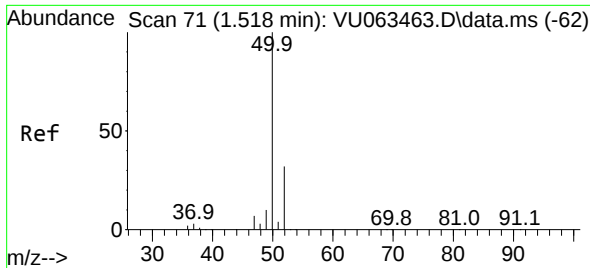
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#2
Dichlorodifluoromethane
Concen: 0.617 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

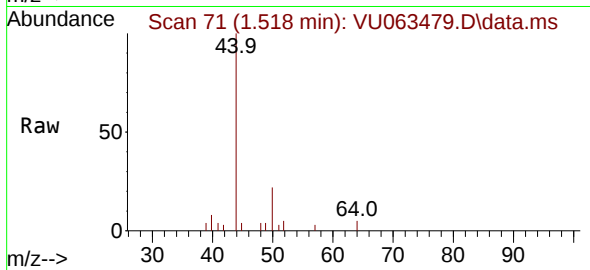
Tgt Ion: 85 Resp: 582
Ion Ratio Lower Upper
85 100
87 25.3 16.1 48.2





#3
Chloromethane
Concen: 0.782 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

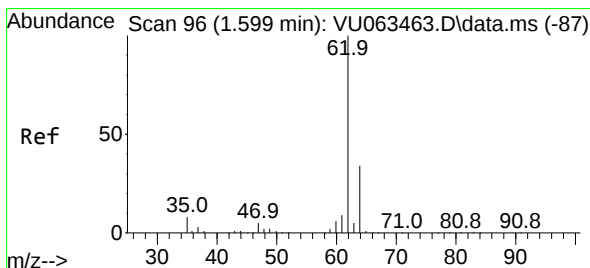
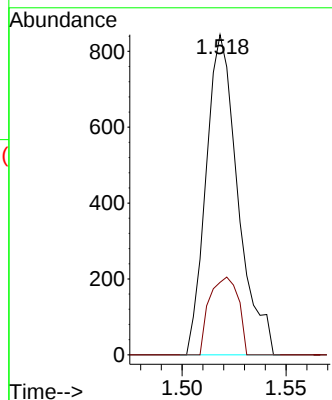
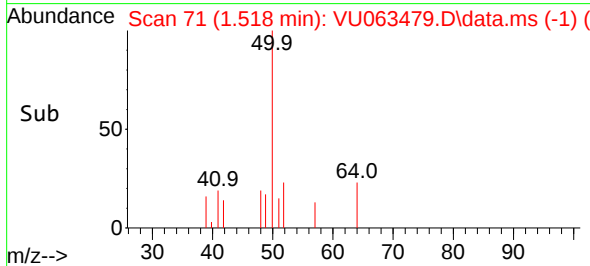
Instrument :
MSVOA_U
ClientSampleId :
MDL02



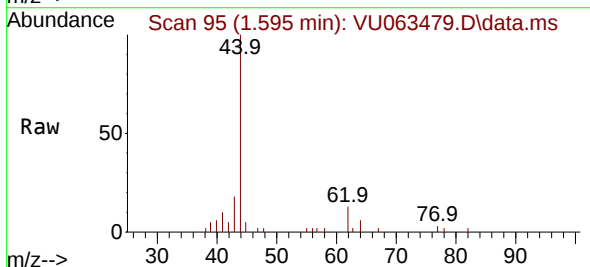
Tgt Ion: 50 Resp: 898
Ion Ratio Lower Upper
50 100
52 22.6 25.8 38.8

Manual Integrations
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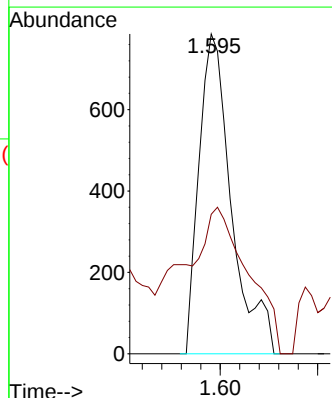
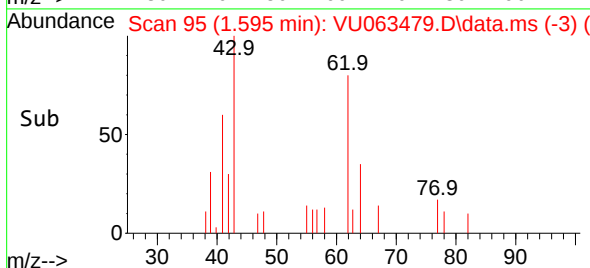
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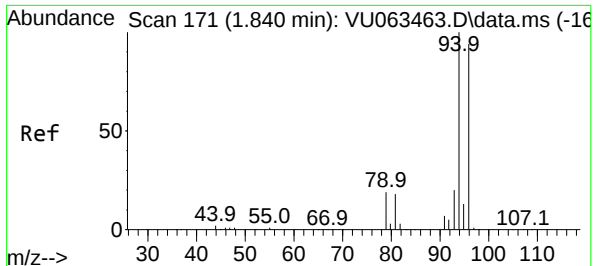


#4
Vinyl Chloride
Concen: 0.712 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



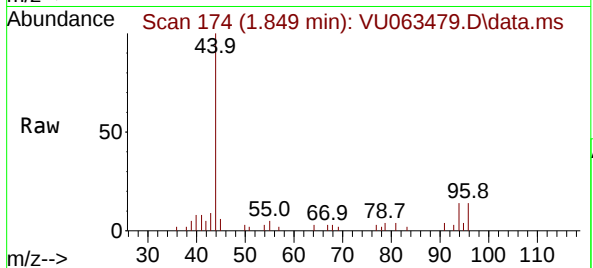
Tgt Ion: 62 Resp: 907
Ion Ratio Lower Upper
62 100
64 43.6 26.9 40.3





#5
Bromomethane
Concen: 1.101 ug/l
RT: 1.849 min Scan# 171
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

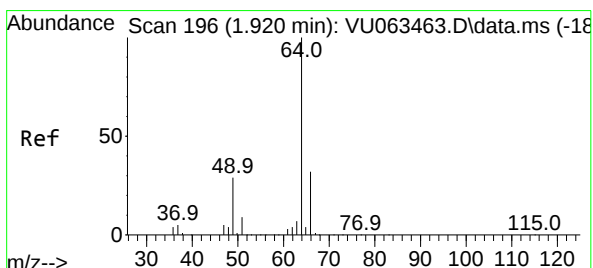
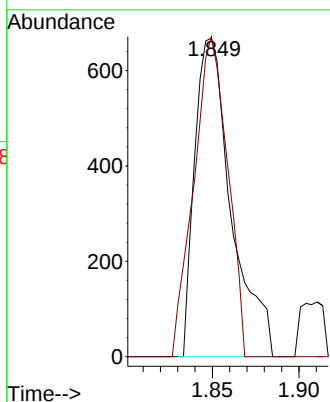
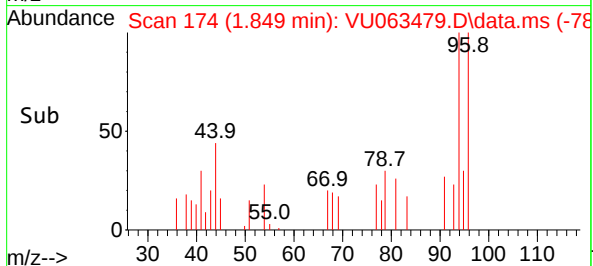
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 100.4 75.5 113.3

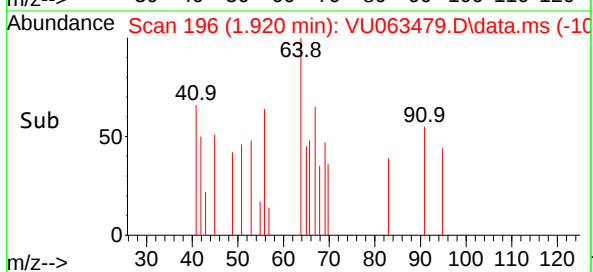
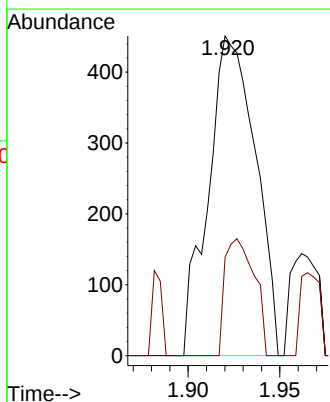
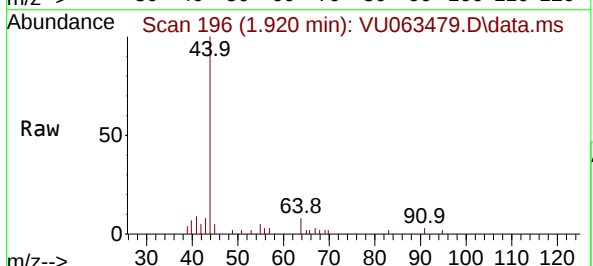
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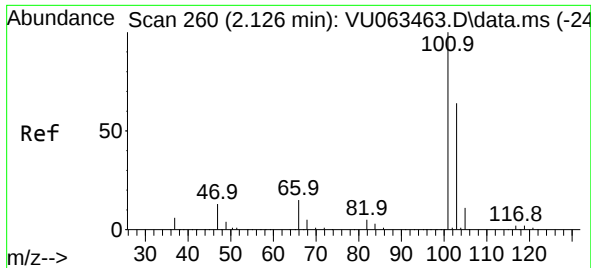
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#6
Chloroethane
Concen: 0.877 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 64 Resp: 809
Ion Ratio Lower Upper
64 100
66 30.8 25.3 37.9





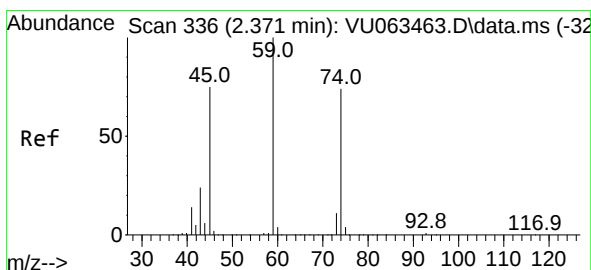
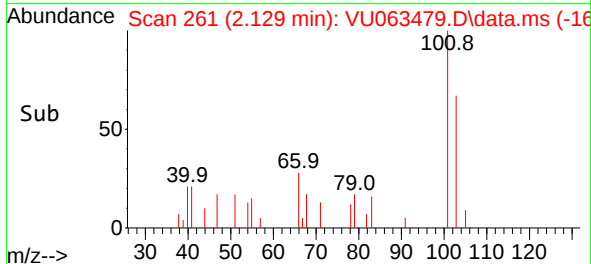
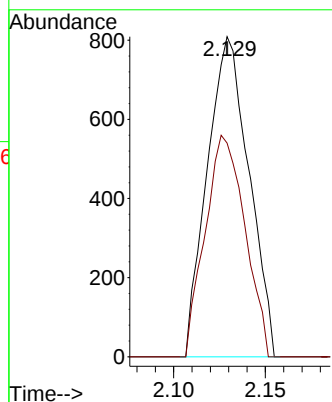
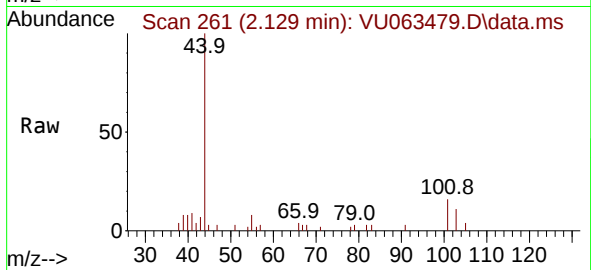
#7
Trichlorofluoromethane
Concen: 0.622 ug/l
RT: 2.129 min Scan# 260
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 1278
Ion Ratio Lower Upper
101 100
103 66.7 51.1 76.7

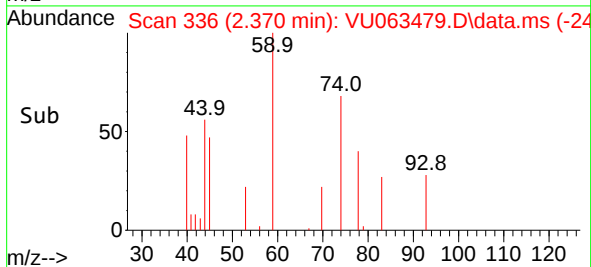
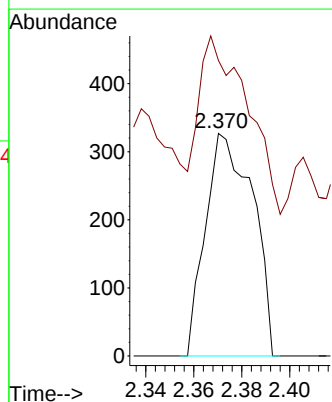
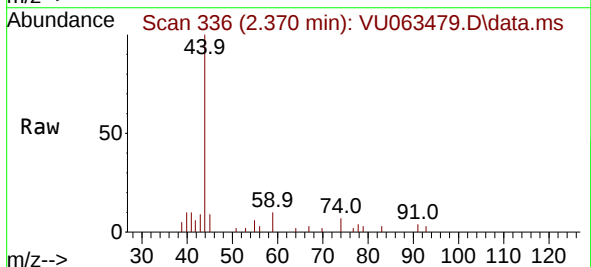
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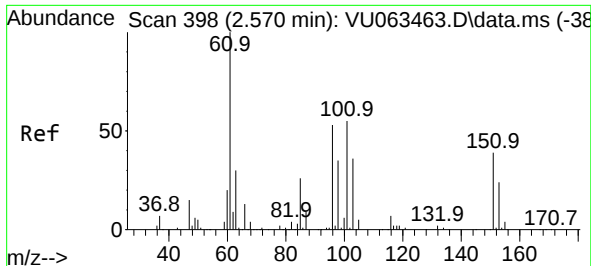
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#8
Diethyl Ether
Concen: 0.522 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 74 Resp: 447
Ion Ratio Lower Upper
74 100
45 94.4 49.7 149.1





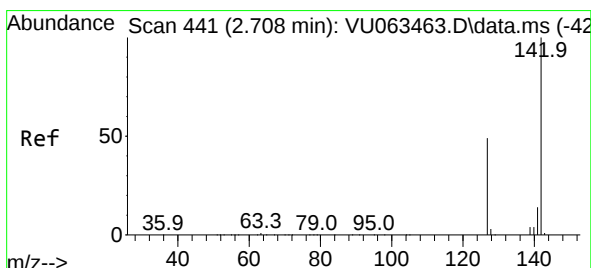
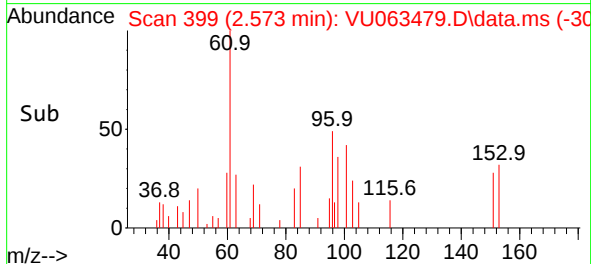
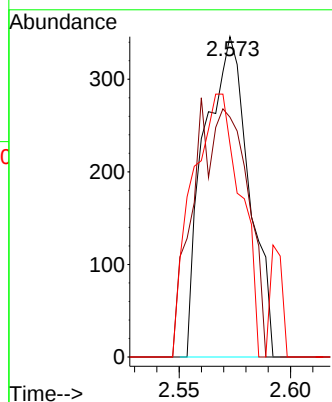
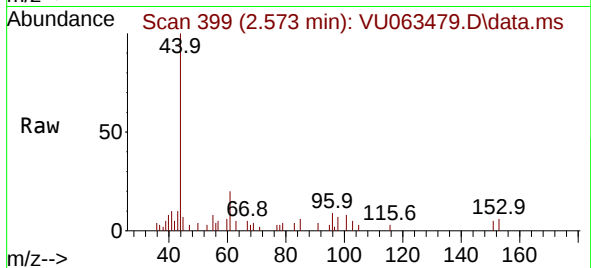
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.398 ug/l
RT: 2.573 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 484
Ion Ratio Lower Upper
101 100
85 94.6 39.6 59.4#
151 88.8 57.2 85.8#

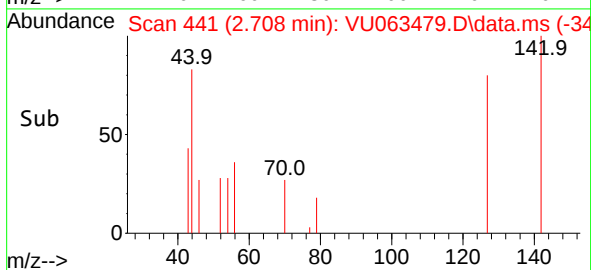
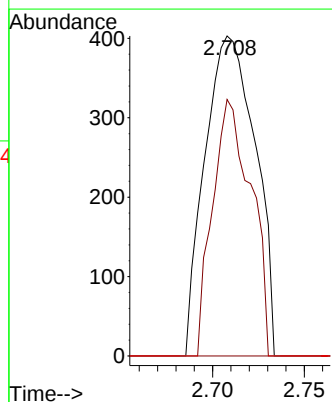
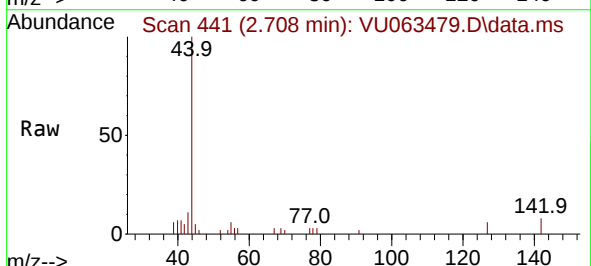
Manual Integrations
APPROVED

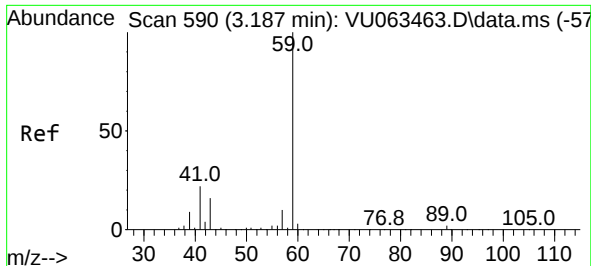
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#10
Methyl Iodide
Concen: 0.607 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

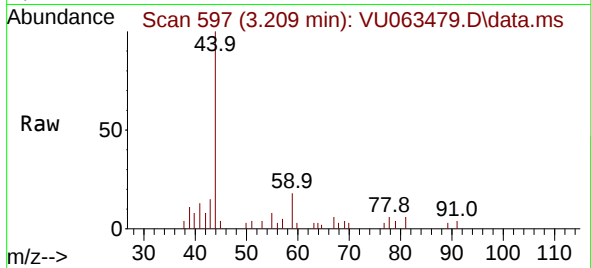
Tgt Ion:142 Resp: 771
Ion Ratio Lower Upper
142 100
127 61.1 38.2 57.4#
141 0.0 11.1 16.7#





#11
Tert butyl alcohol
Concen: 5.008 ug/l m
RT: 3.209 min Scan# 59
Delta R.T. 0.022 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

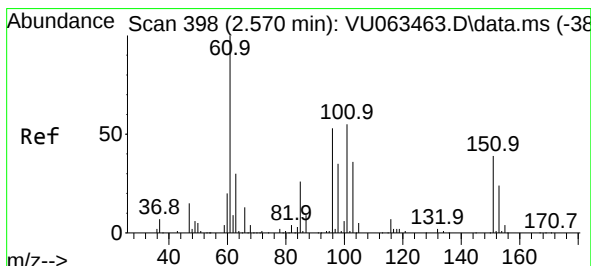
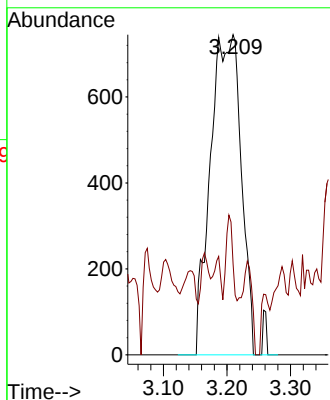
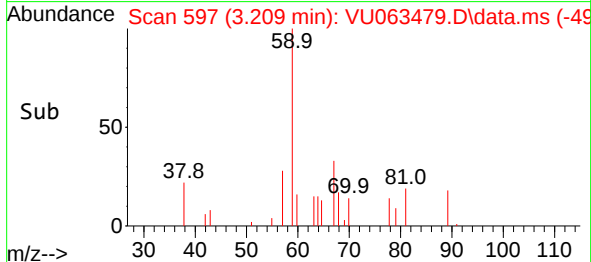
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 59 Resp: 2540
Ion Ratio Lower Upper
59 100
57 5.3 8.8 13.2

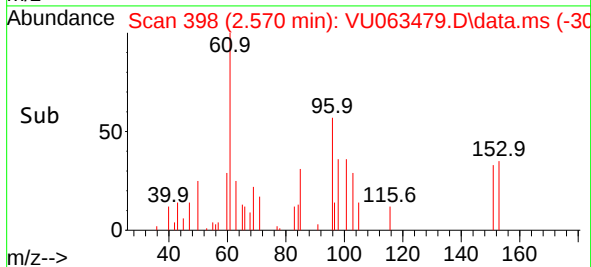
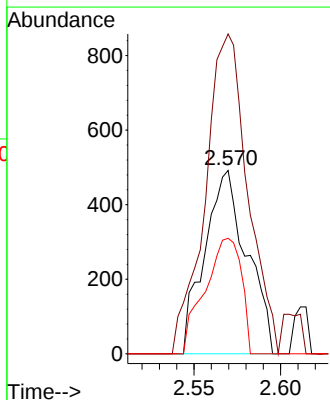
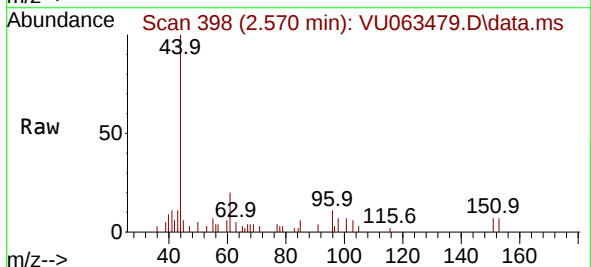
Manual Integrations
APPROVED

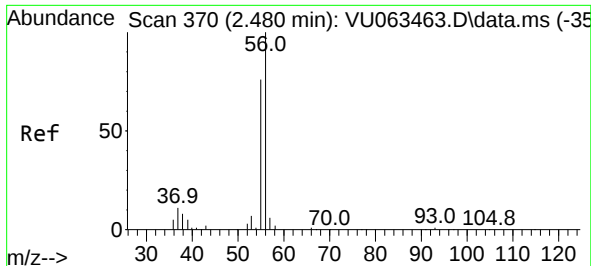
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#12
1,1-Dichloroethene
Concen: 0.739 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

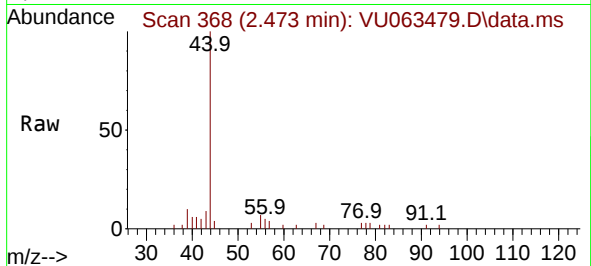
Tgt Ion: 96 Resp: 836
Ion Ratio Lower Upper
96 100
61 141.1 149.6 224.4#
98 51.0 52.0 78.0#





#13
Acrolein
Concen: 4.163 ug/l m
RT: 2.473 min Scan# 30
Delta R.T. -0.007 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

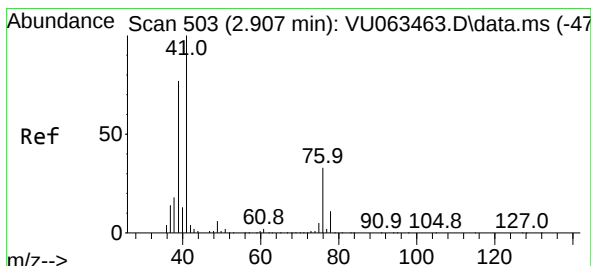
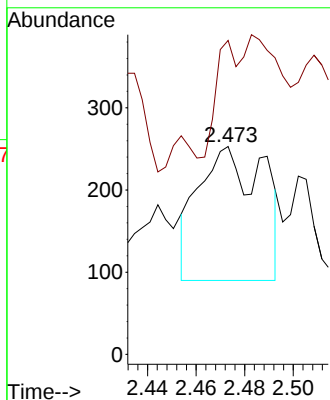
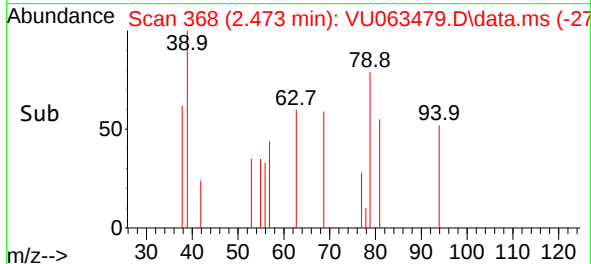
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 0.0 60.2 90.2

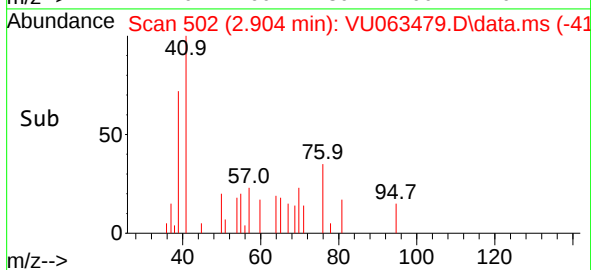
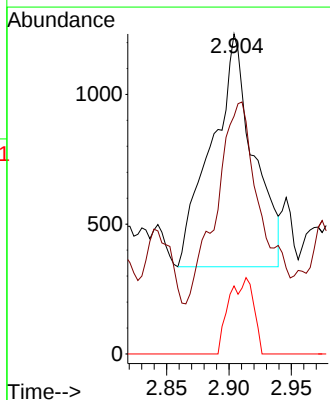
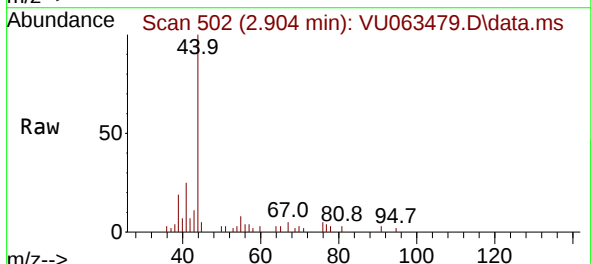
Manual Integrations
APPROVED

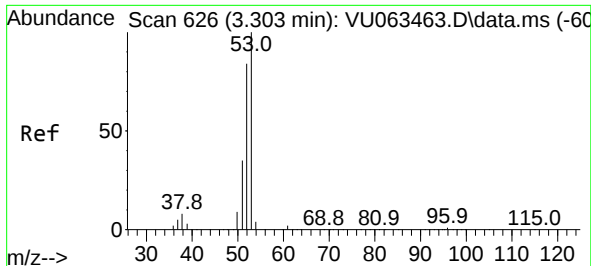
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#14
Allyl chloride
Concen: 0.774 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

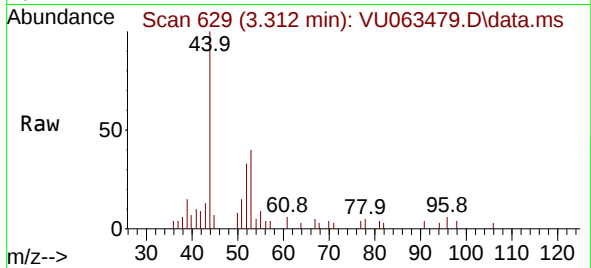
Tgt Ion: 41 Resp: 2084
Ion Ratio Lower Upper
41 100
39 89.7 53.9 80.9#
76 19.3 23.1 34.7#





#15
Acrylonitrile
Concen: 3.571 ug/l
RT: 3.312 min Scan# 61
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

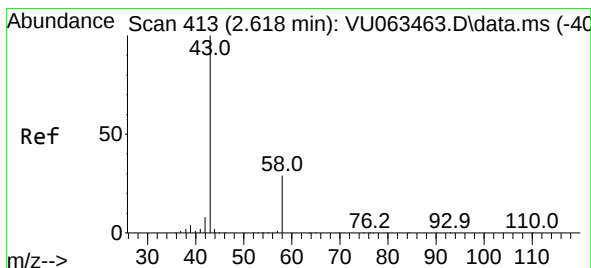
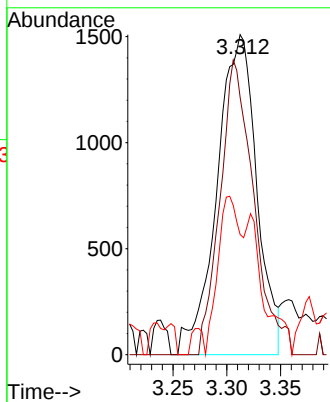
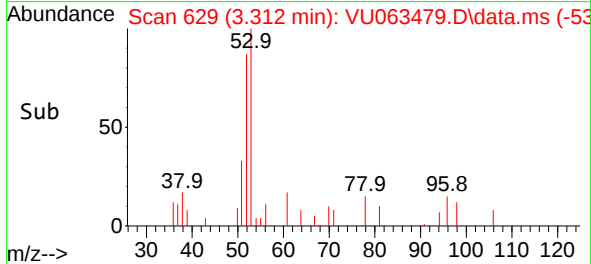
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 53 Resp: 3879
Ion Ratio Lower Upper
53 100
52 78.0 65.0 97.4
51 28.8 28.8 43.2

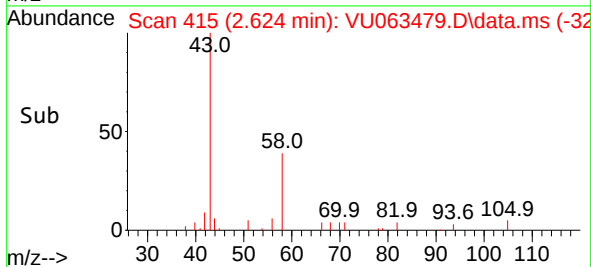
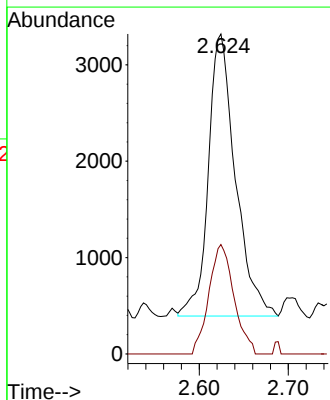
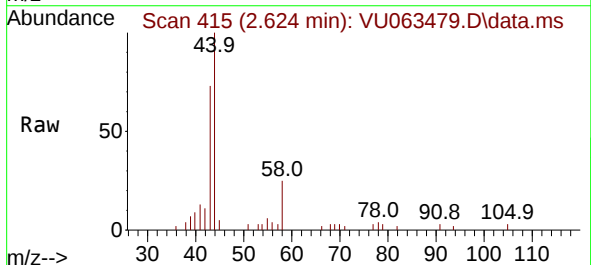
Manual Integrations
APPROVED

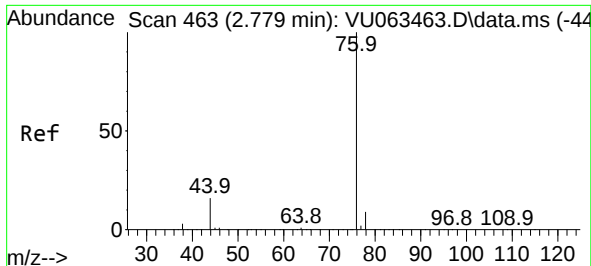
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#16
Acetone
Concen: 4.874 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

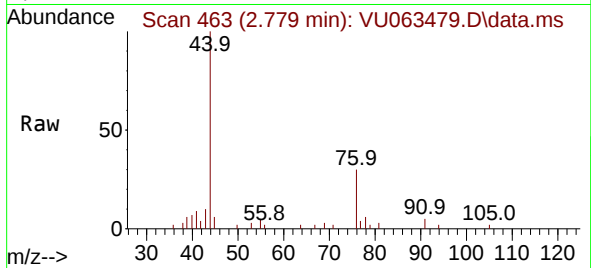
Tgt Ion: 43 Resp: 6184
Ion Ratio Lower Upper
43 100
58 38.8 23.1 34.7#





#17
Carbon Disulfide
Concen: 0.997 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

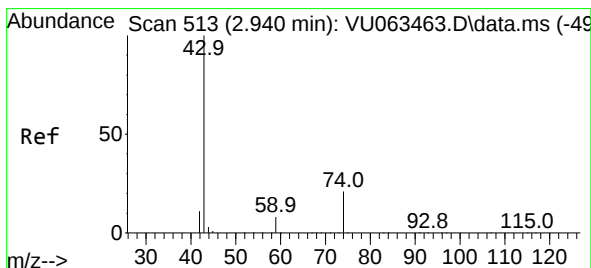
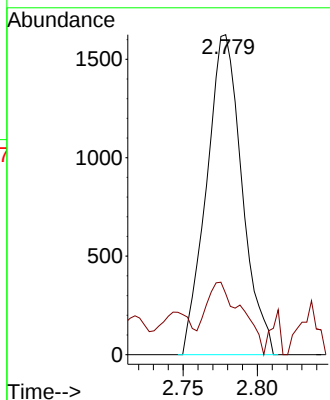
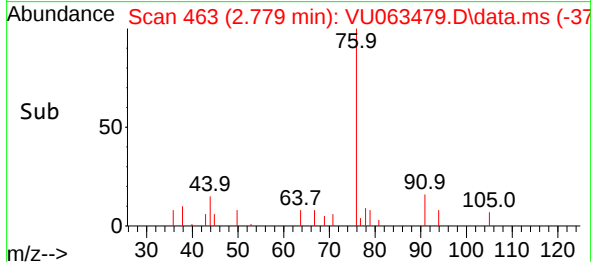
Instrument :
MSVOA_U
ClientSampleId :
MDL02



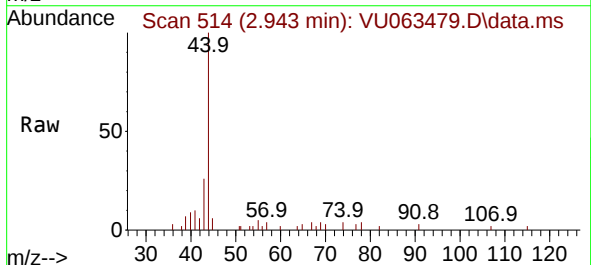
Tgt Ion: 76 Resp: 269
Ion Ratio Lower Upper
76 100
78 5.8 7.5 11.3

Manual Integrations
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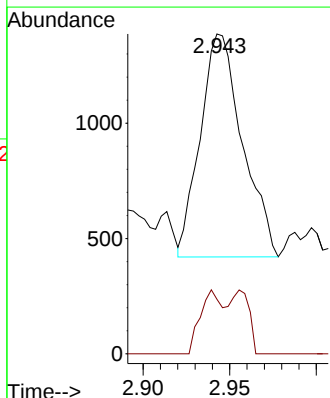
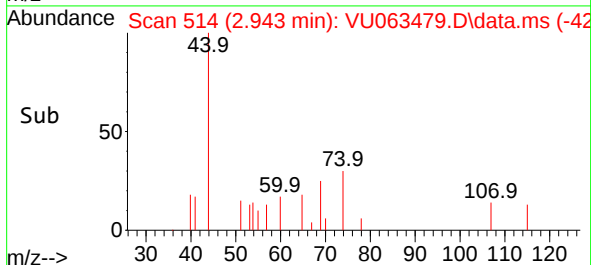
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

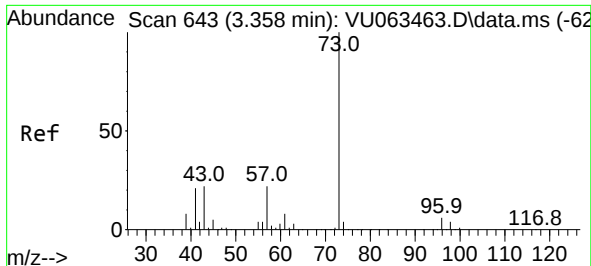


#18
Methyl Acetate
Concen: 0.502 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



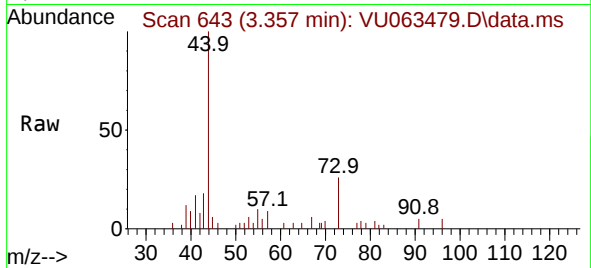
Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
74 14.4 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 0.548 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

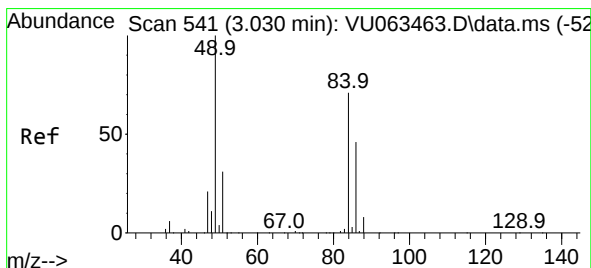
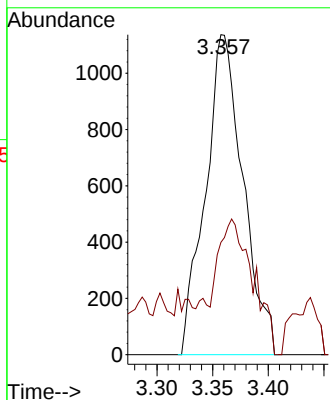
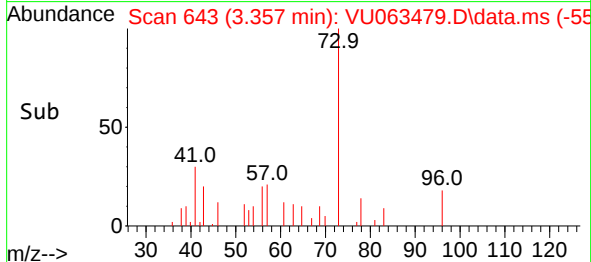
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 73 Resp: 2674
Ion Ratio Lower Upper
73 100
57 35.1 17.8 26.6

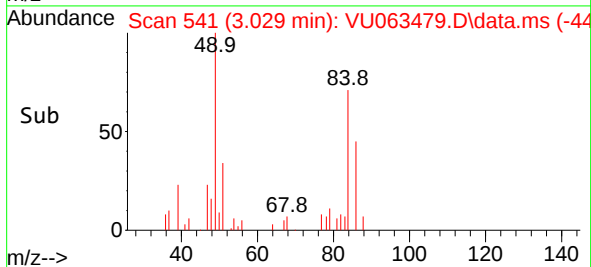
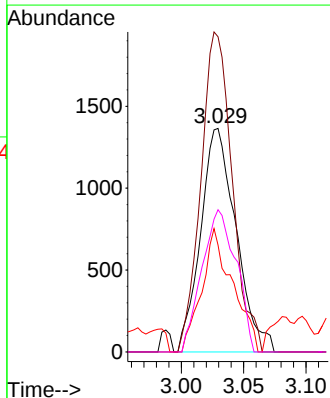
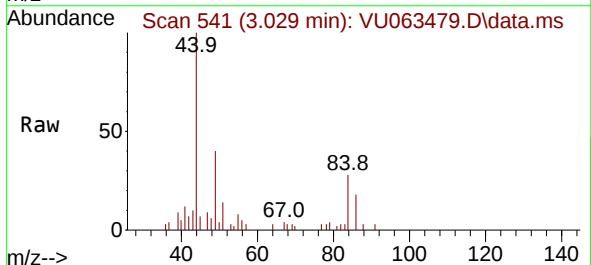
Manual Integrations
APPROVED

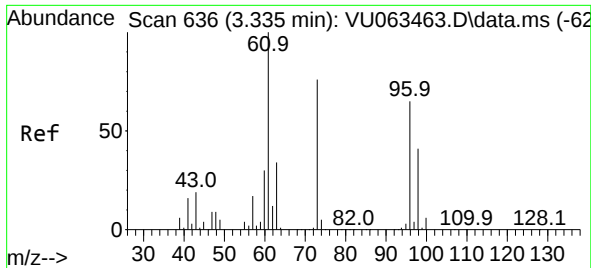
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#20
Methylene Chloride
Concen: 1.461 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

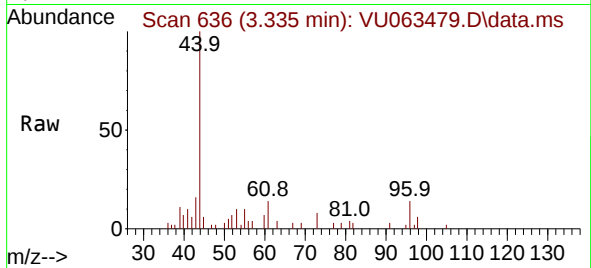
Tgt Ion: 84 Resp: 2703
Ion Ratio Lower Upper
84 100
49 141.0 112.1 168.1
51 47.8 34.4 51.6
86 63.6 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 0.921 ug/l
RT: 3.335 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

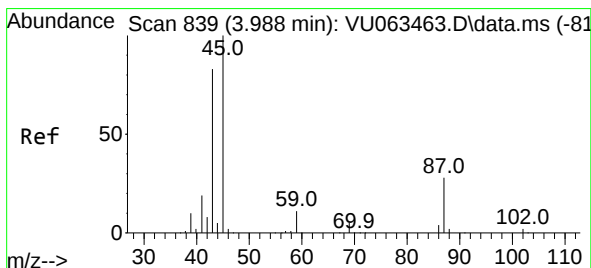
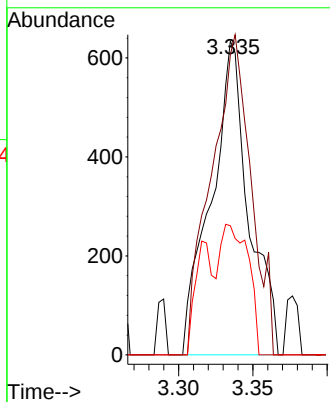
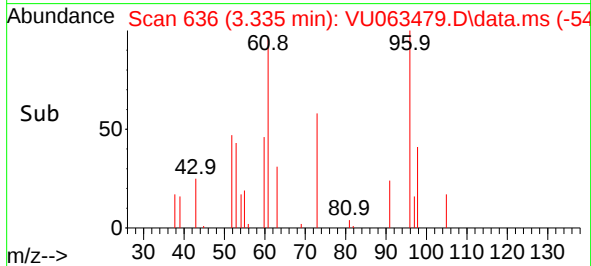
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 96 Resp: 1119
Ion Ratio Lower Upper
96 100
61 95.7 122.2 183.4#
98 41.2 49.9 74.9#

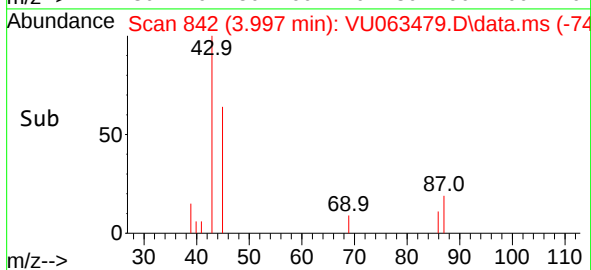
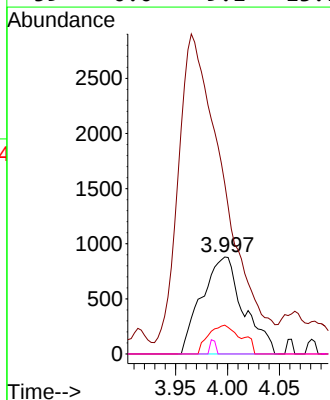
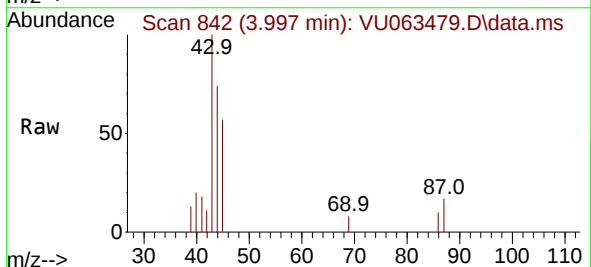
Manual Integrations
APPROVED

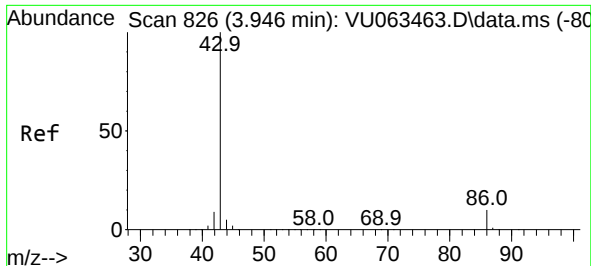
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#22
Diisopropyl ether
Concen: 0.535 ug/l
RT: 3.997 min Scan# 842
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

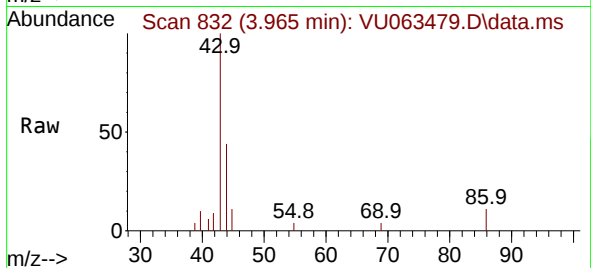
Tgt Ion: 45 Resp: 2451
Ion Ratio Lower Upper
45 100
43 145.5 66.5 99.7#
87 29.7 22.6 33.8
59 0.0 9.1 13.7#





#23
 Vinyl Acetate
 Concen: 2.333 ug/l
 RT: 3.965 min Scan# 832
 Delta R.T. 0.019 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

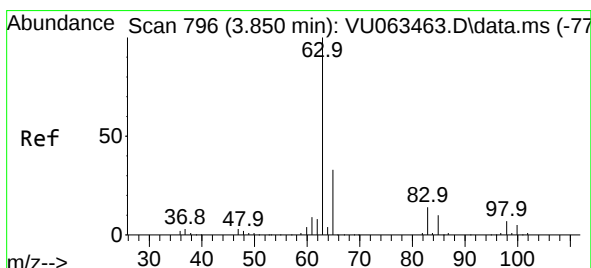
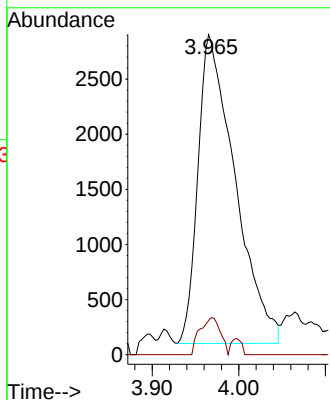
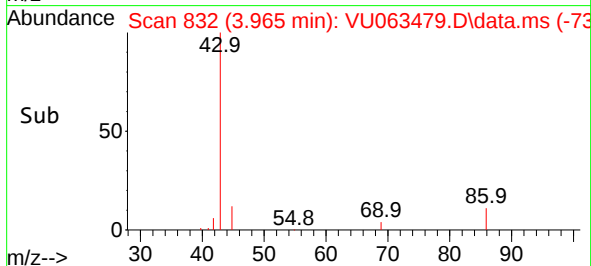
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02



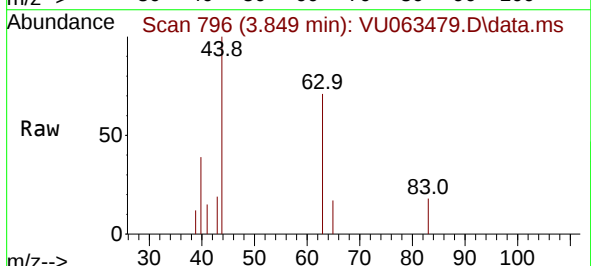
Tgt Ion: 43 Resp: 8300
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.2

Manual Integrations
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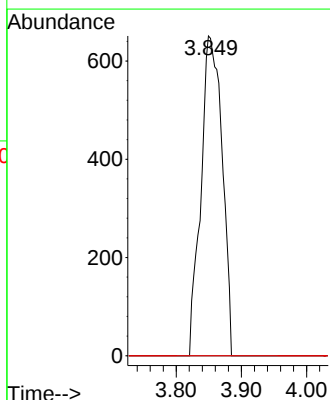
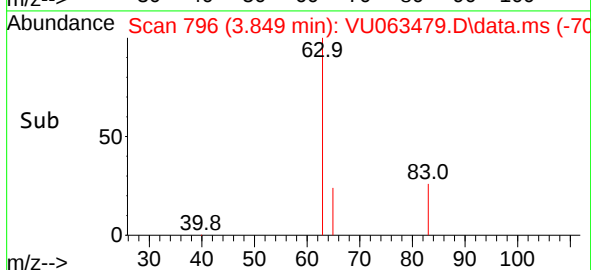
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

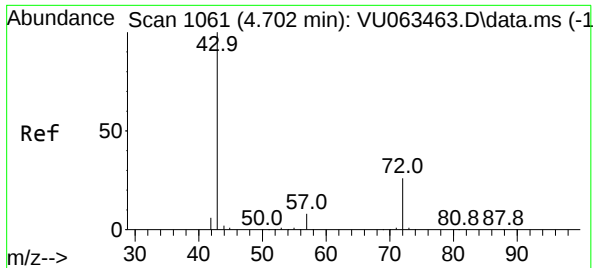


#24
 1,1-Dichloroethane
 Concen: 0.565 ug/l m
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37



Tgt Ion: 63 Resp: 1469
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 4.114 ug/l m

RT: 4.762 min Scan# 1080

Delta R.T. 0.061 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

43 100

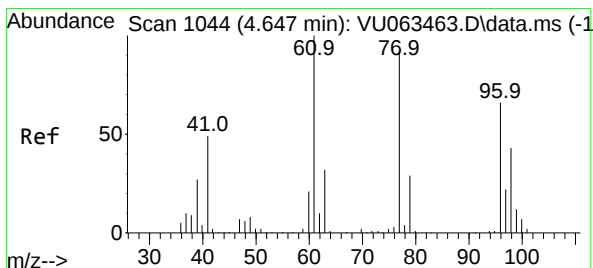
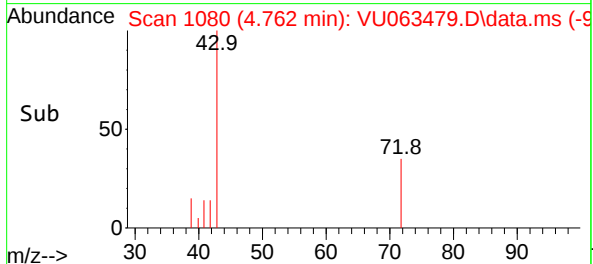
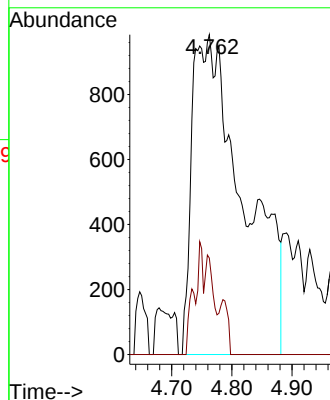
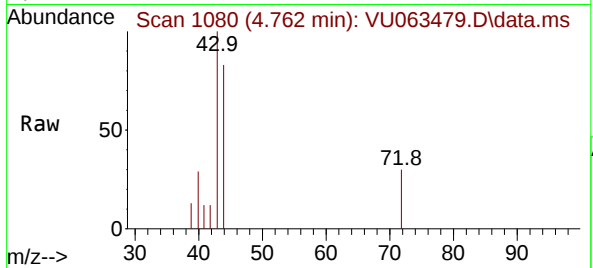
72 30.2 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#26

2,2-Dichloropropane

Concen: 0.535 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063479.D

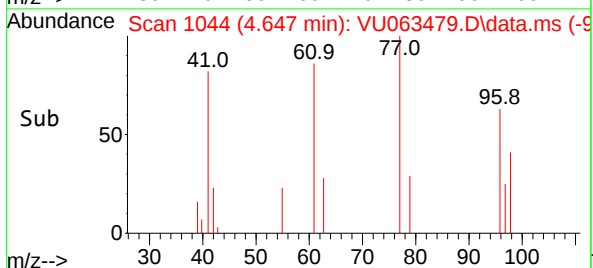
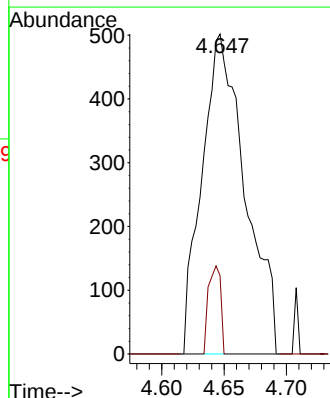
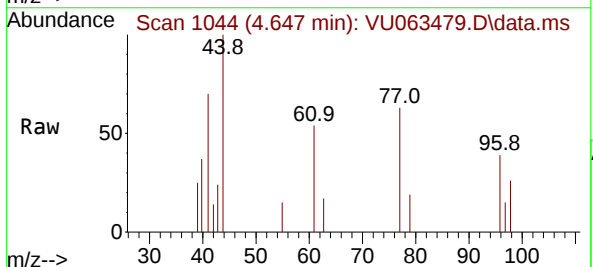
Acq: 10 Jul 2025 14:37

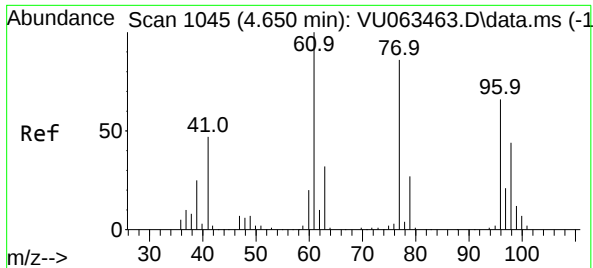
Tgt Ion: 77 Resp: 1212

Ion Ratio Lower Upper

77 100

97 7.8 11.8 35.3#





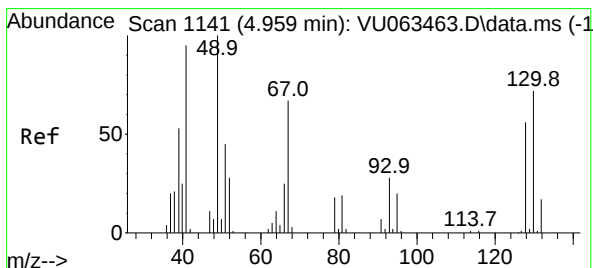
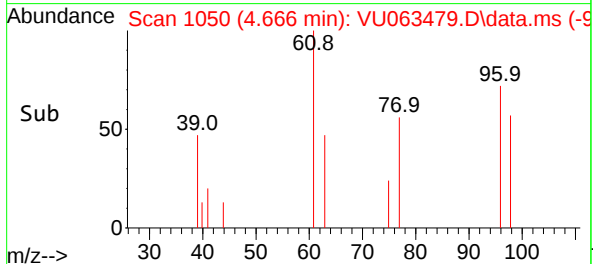
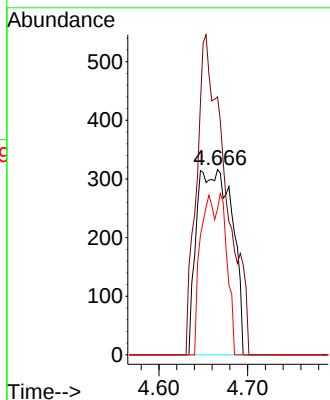
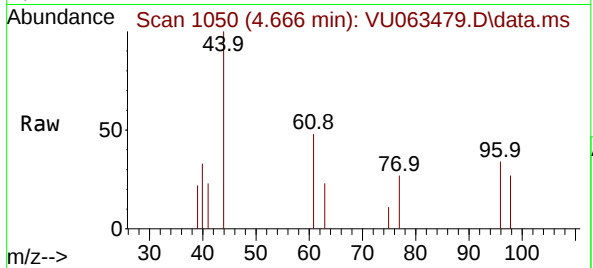
#27
cis-1,2-Dichloroethene
Concen: 0.550 ug/l m
RT: 4.666 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 88
Ion Ratio Lower Upper
96 100
61 140.1 0.0 307.2
98 34.9 0.0 133.0

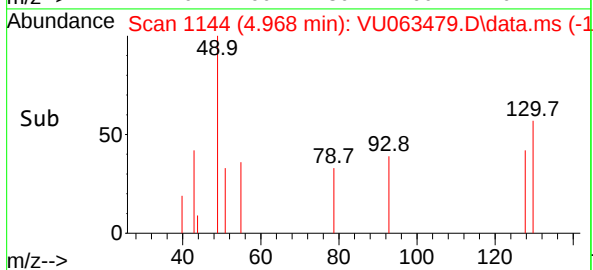
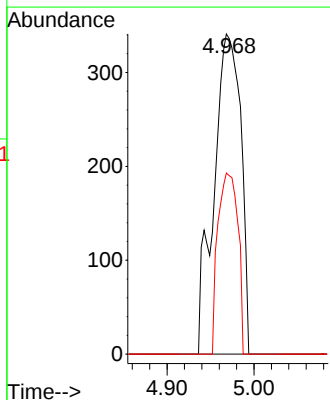
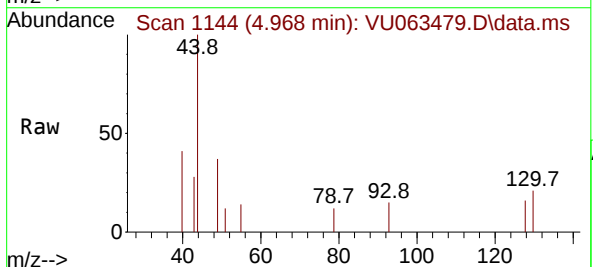
Manual Integrations
APPROVED

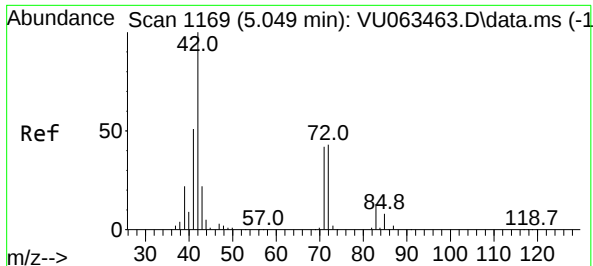
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#28
Bromochloromethane
Concen: 0.601 ug/l m
RT: 4.968 min Scan# 1144
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

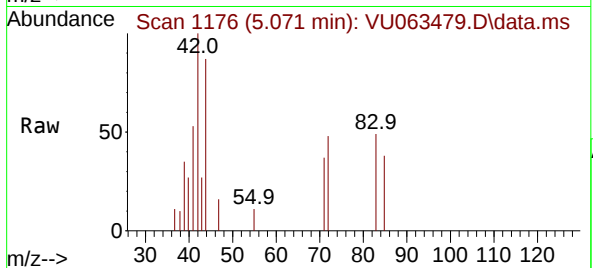
Tgt Ion: 49 Resp: 734
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 41.8 59.0 88.4#





#29
Tetrahydrofuran
Concen: 2.585 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.022 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

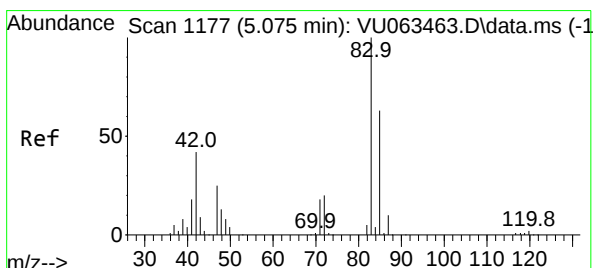
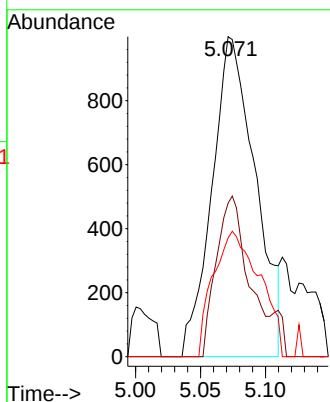
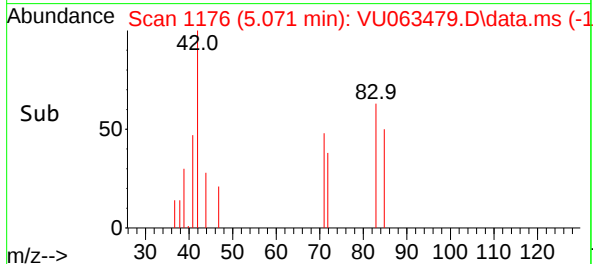
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 42 Resp: 232
Ion Ratio Lower Upper
42 100
72 37.7 36.2 54.4
71 41.9 33.3 49.9

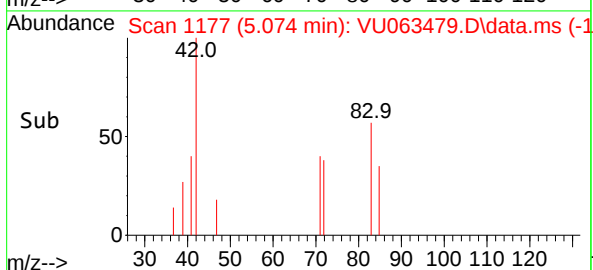
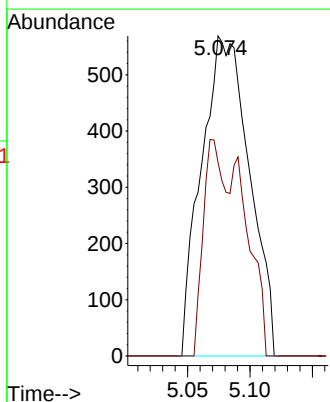
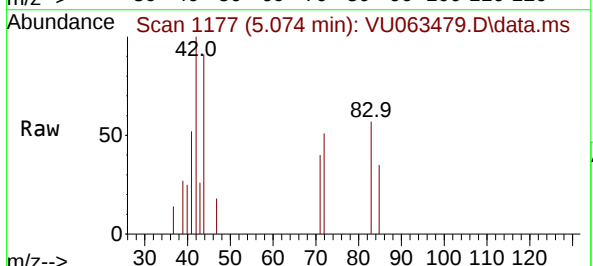
Manual Integrations
APPROVED

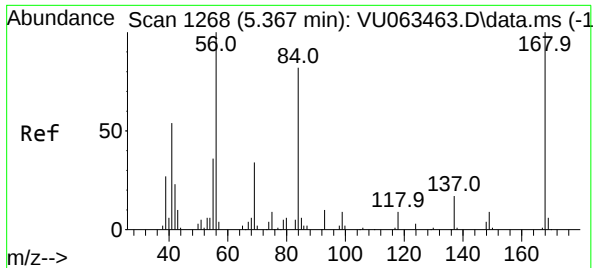
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#30
Chloroform
Concen: 0.555 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

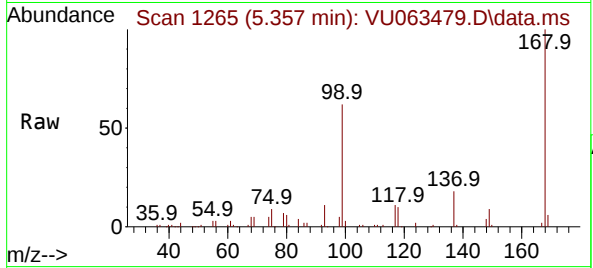
Tgt Ion: 83 Resp: 1524
Ion Ratio Lower Upper
83 100
85 60.5 50.7 76.1





#31
Cyclohexane
Concen: 1.847 ug/l
RT: 5.357 min Scan# 1265
Delta R.T. -0.010 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

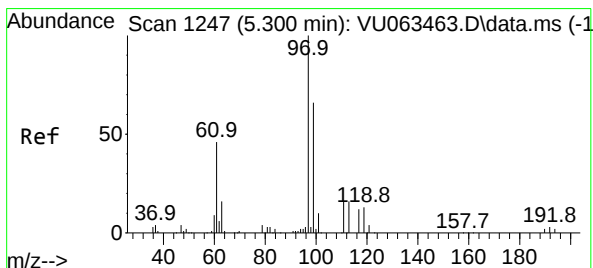
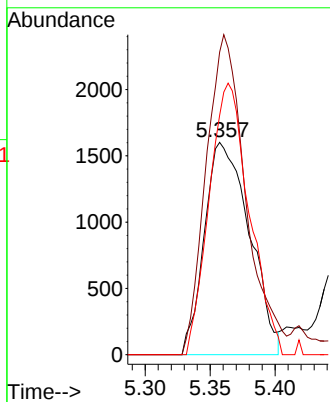
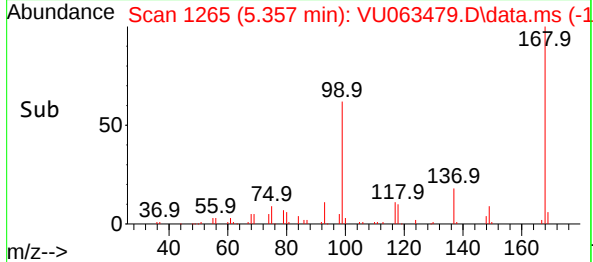
Instrument : MSVOA_U
ClientSampleId : MDL02



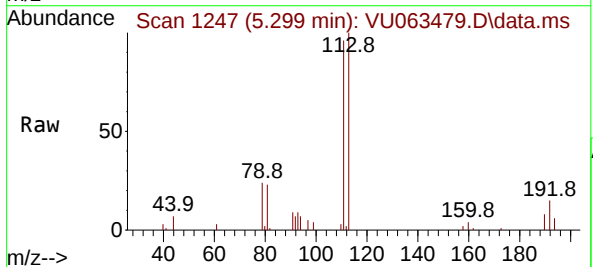
Tgt Ion: 56 Resp: 386
Ion Ratio Lower Upper
56 100
69 142.5 27.0 40.4
84 112.7 65.7 98.5

Manual Integrations
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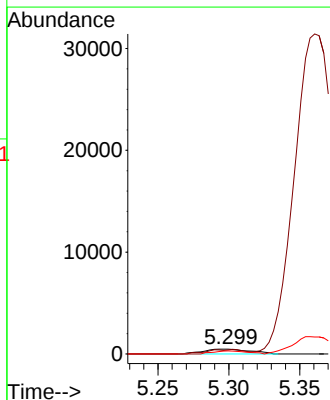
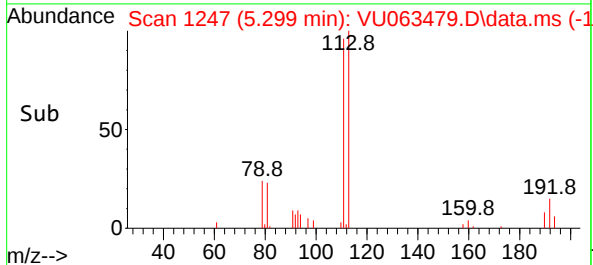
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

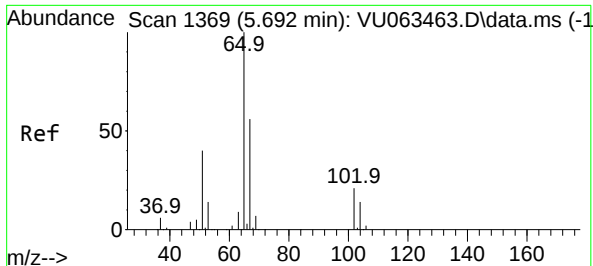


#32
1,1,1-Trichloroethane
Concen: 0.472 ug/l
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



Tgt Ion: 97 Resp: 1104
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6
61 44.7 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.516 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 65 Resp: 73384

Ion Ratio Lower Upper

65 100

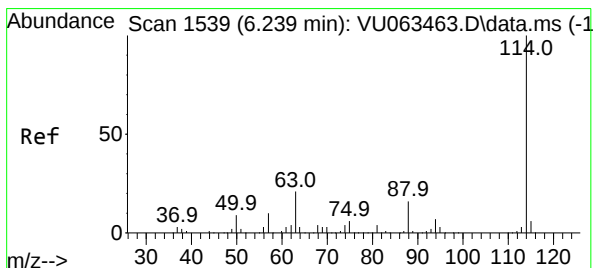
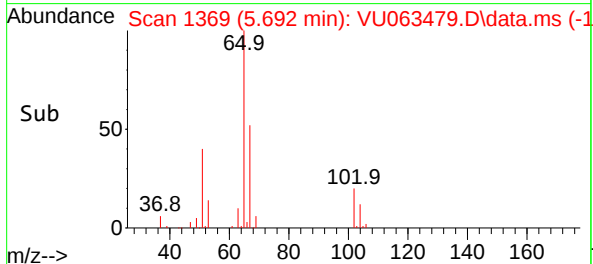
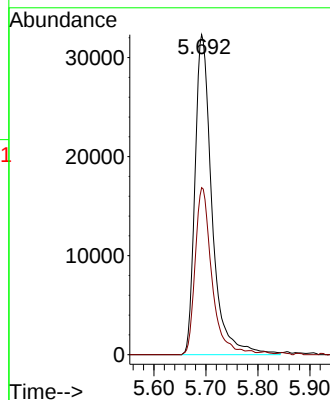
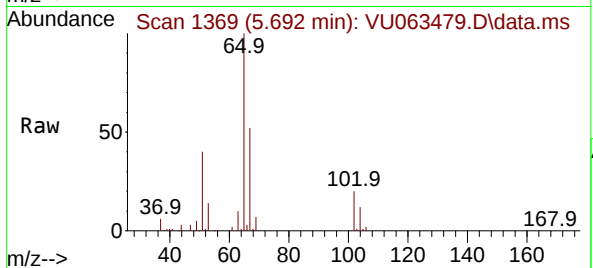
67 51.1 0.0 107.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

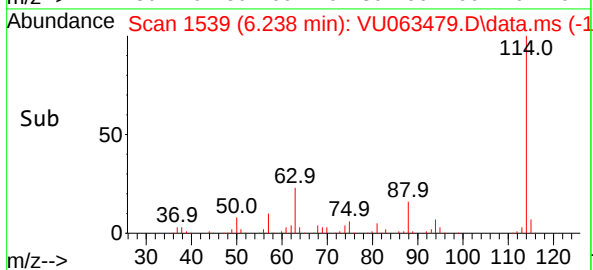
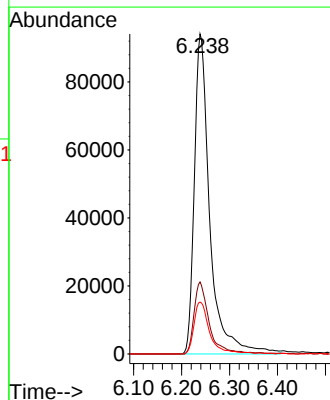
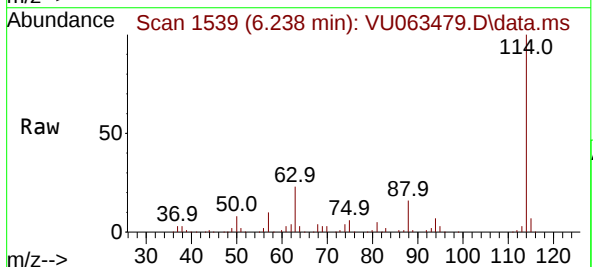
Tgt Ion:114 Resp: 210515

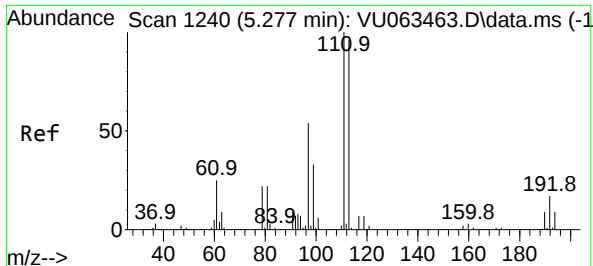
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.6

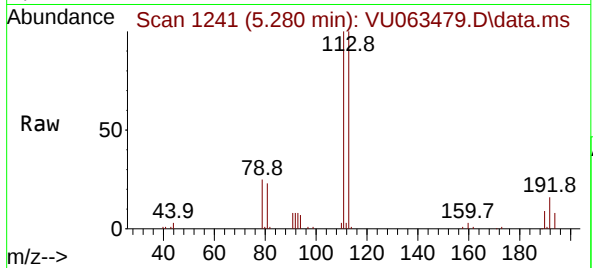
88 16.2 0.0 32.0





#35
Dibromofluoromethane
Concen: 46.124 ug/l
RT: 5.280 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

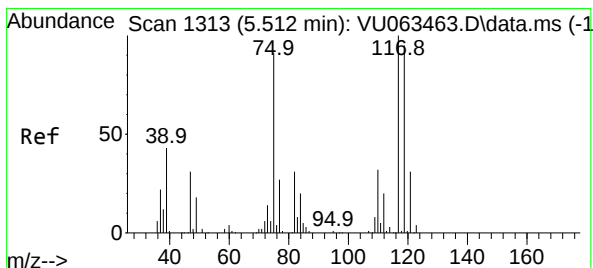
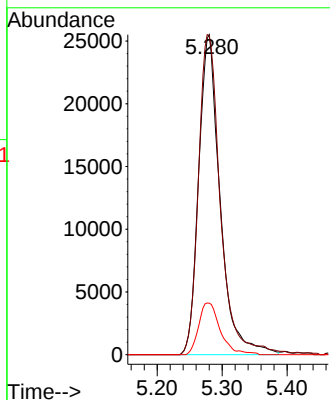
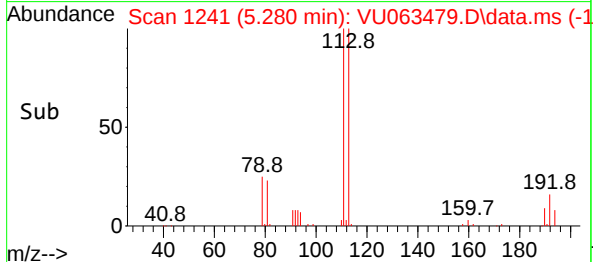
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 113 Resp: 58529
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 16.3 14.3 21.5

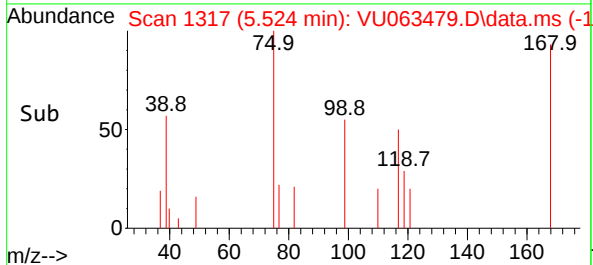
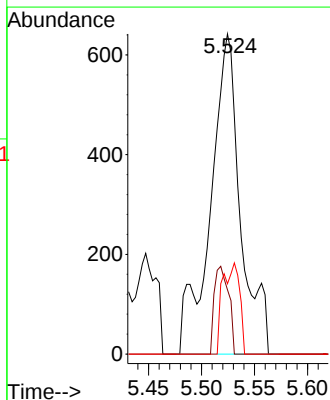
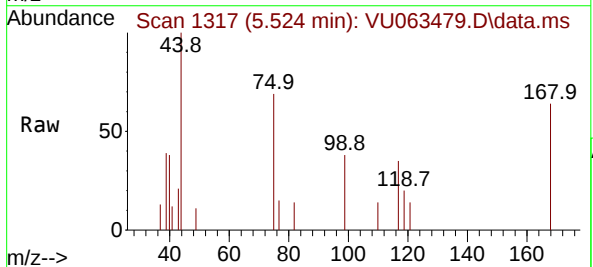
Manual Integrations
APPROVED

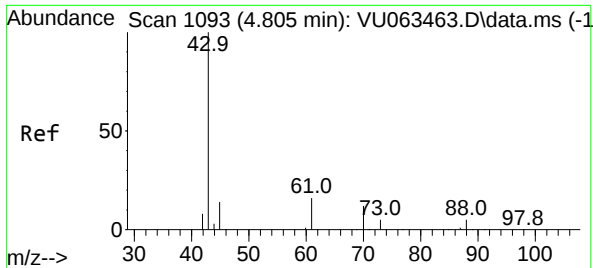
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#36
1,1-Dichloropropene
Concen: 0.733 ug/l m
RT: 5.524 min Scan# 1317
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

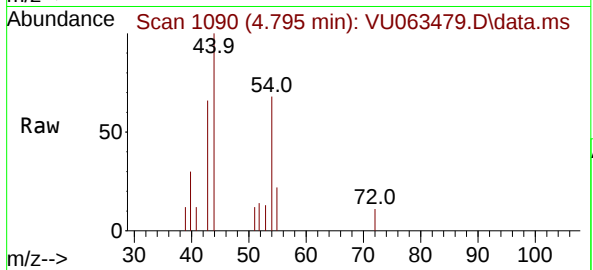
Tgt Ion: 75 Resp: 1264
Ion Ratio Lower Upper
75 100
110 13.0 17.3 52.0#
77 16.0 23.9 35.9#





#37
Ethyl Acetate
Concen: 0.765 ug/l m
RT: 4.795 min Scan# 1090
Delta R.T. -0.010 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

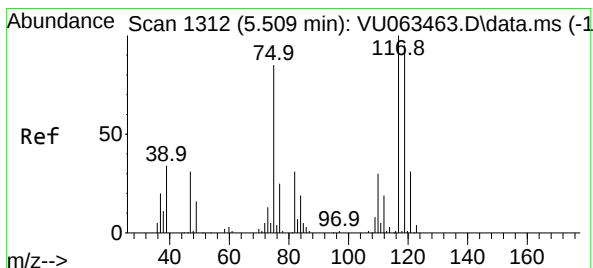
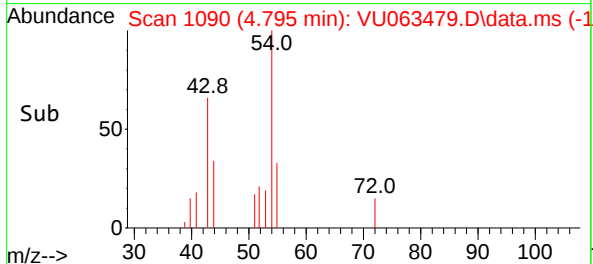
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 2130
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6
70 0.0 7.8 11.8

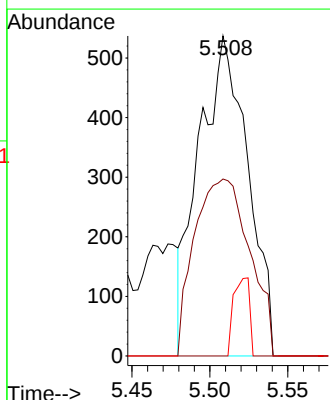
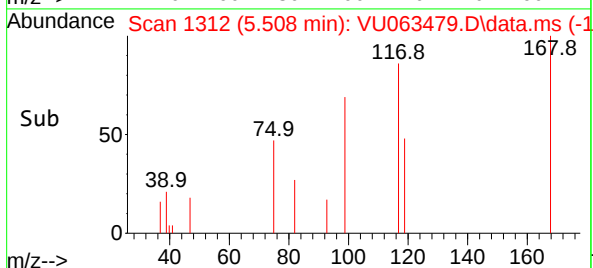
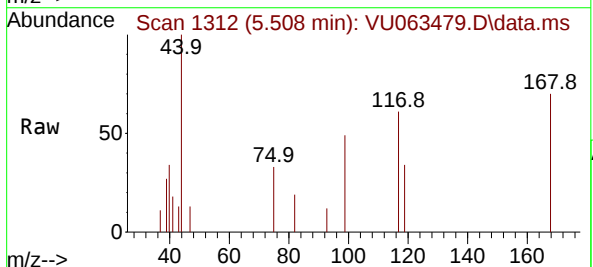
Manual Integrations
APPROVED

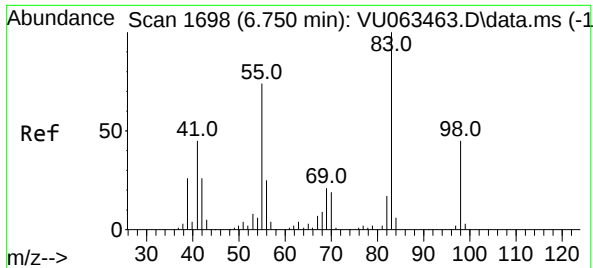
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#38
Carbon Tetrachloride
Concen: 0.618 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

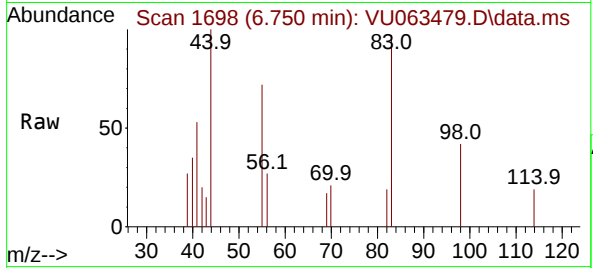
Tgt Ion:117 Resp: 1175
Ion Ratio Lower Upper
117 100
119 55.3 76.1 114.1#
121 0.0 25.0 37.4#





#39
Methylcyclohexane
Concen: 0.637 ug/l
RT: 6.750 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

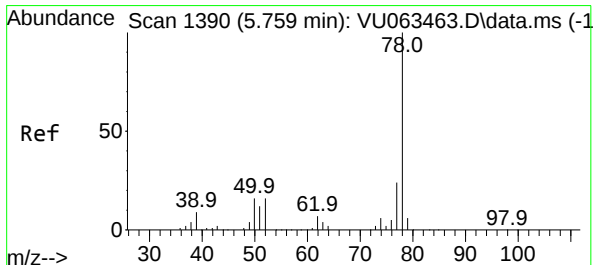
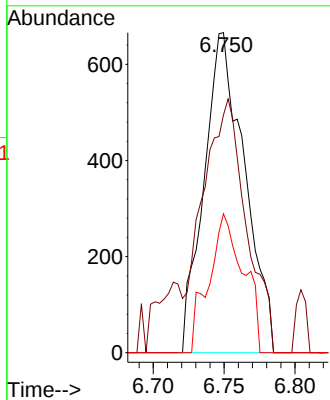
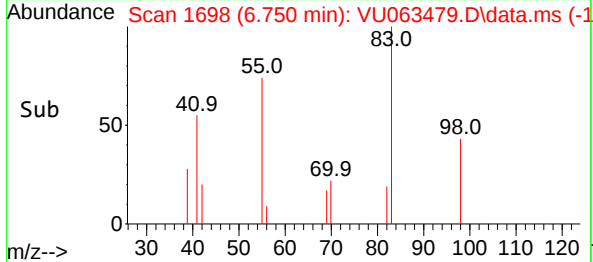
Instrument :
MSVOA_U
ClientSampleId :
MDL02



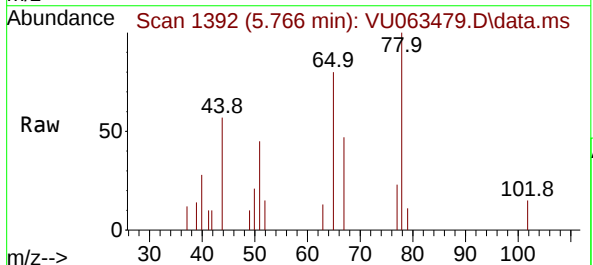
Tgt Ion: 83 Resp: 1327
Ion Ratio Lower Upper
83 100
55 74.3 59.4 89.2
98 43.4 36.2 54.4

Manual Integrations
APPROVED

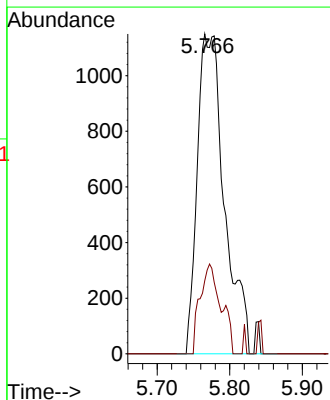
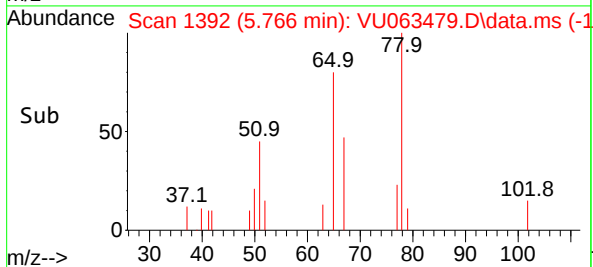
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

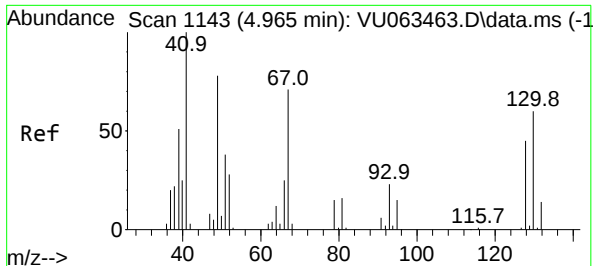


#40
Benzene
Concen: 0.560 ug/l m
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



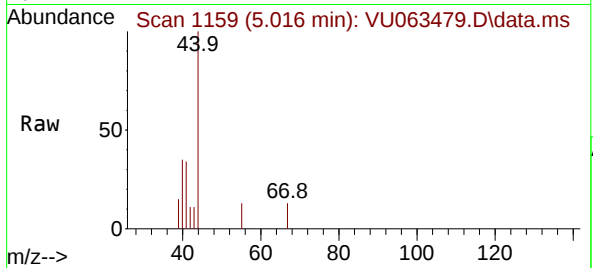
Tgt Ion: 78 Resp: 3016
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 0.471 ug/l m
RT: 5.016 min Scan# 1159
Delta R.T. 0.051 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

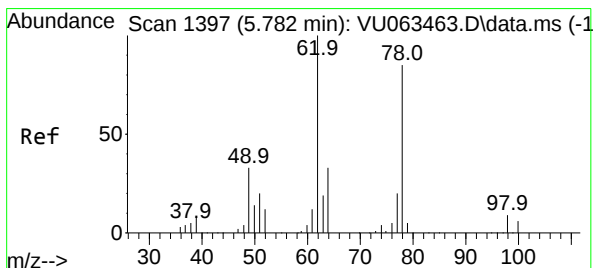
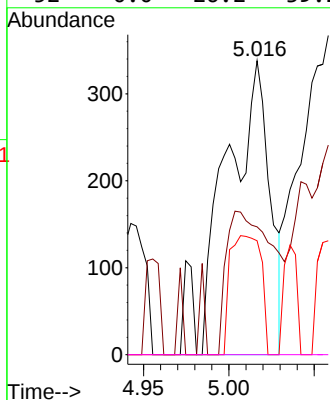
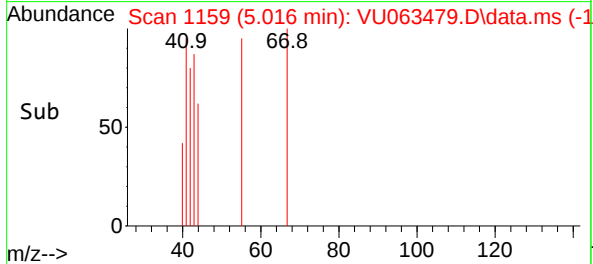
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 0.0 43.6 65.4
67 0.0 62.8 94.2
52 0.0 26.2 39.2

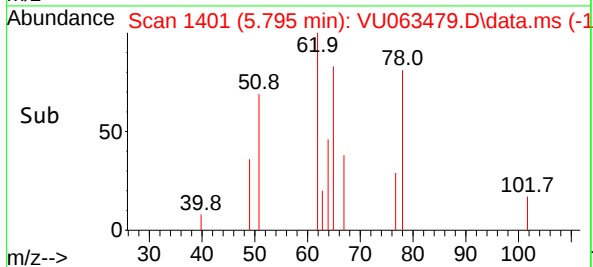
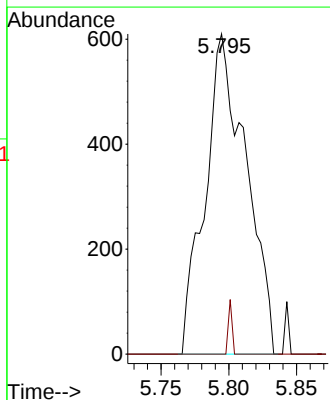
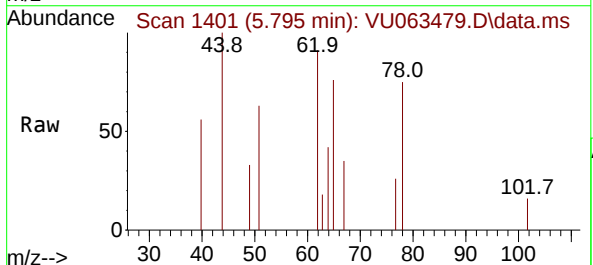
Manual Integrations
APPROVED

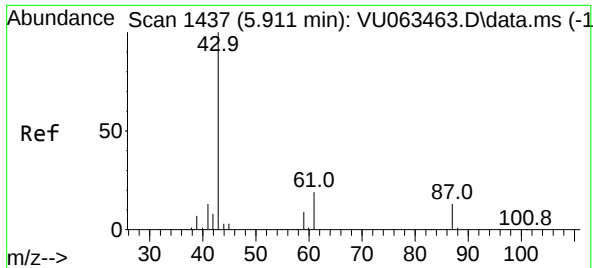
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#42
1,2-Dichloroethane
Concen: 0.633 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

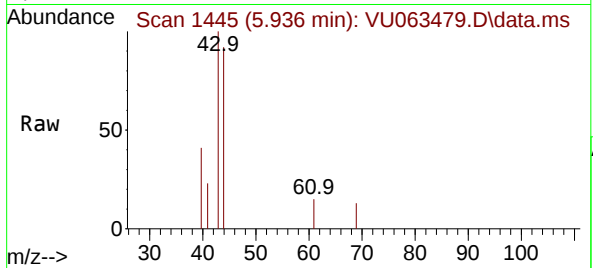
Tgt Ion: 62 Resp: 1282
Ion Ratio Lower Upper
62 100
98 1.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.696 ug/l m
RT: 5.936 min Scan# 1437
Delta R.T. 0.025 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

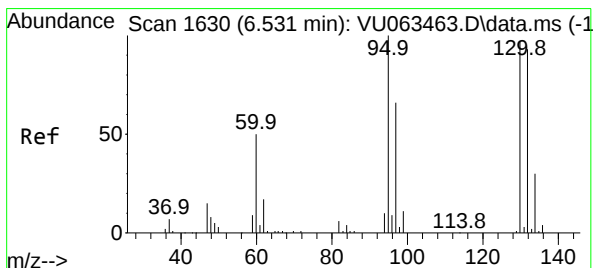
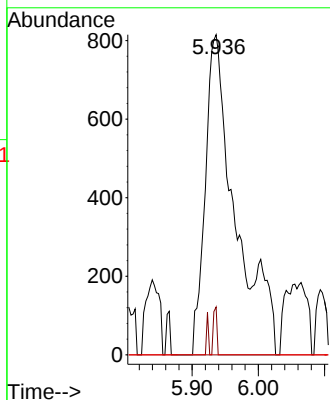
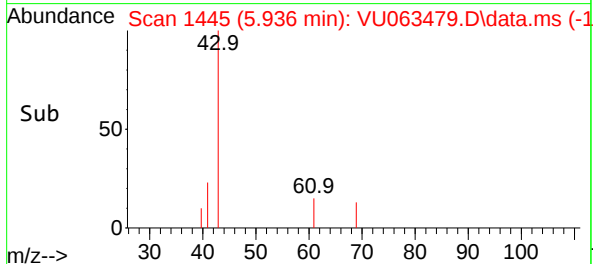
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2
87 0.0 10.5 15.7

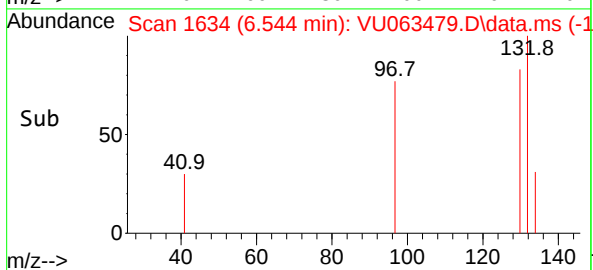
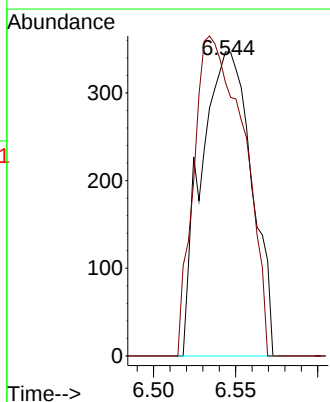
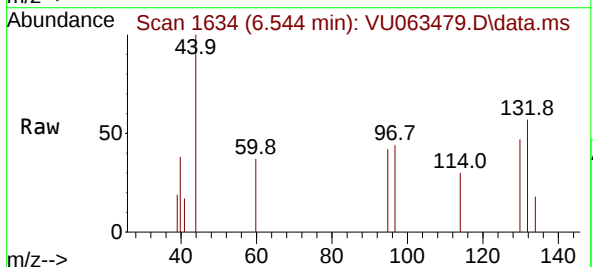
Manual Integrations
APPROVED

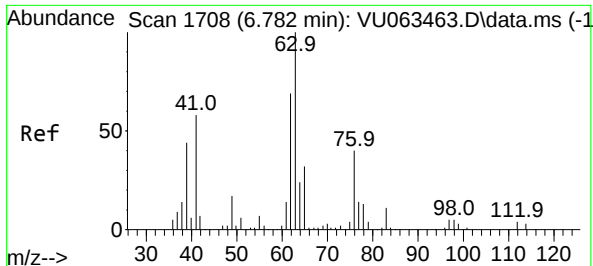
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#44
Trichloroethene
Concen: 0.513 ug/l
RT: 6.544 min Scan# 1634
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:130 Resp: 739
Ion Ratio Lower Upper
130 100
95 89.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.448 ug/l m

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 63 Resp: 670

Ion Ratio Lower Upper

63 100

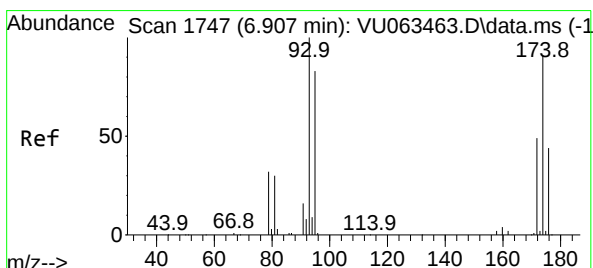
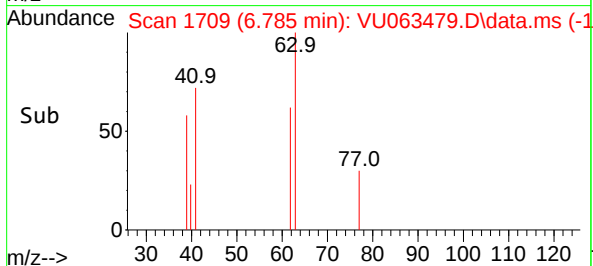
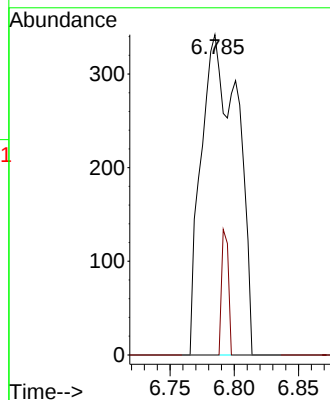
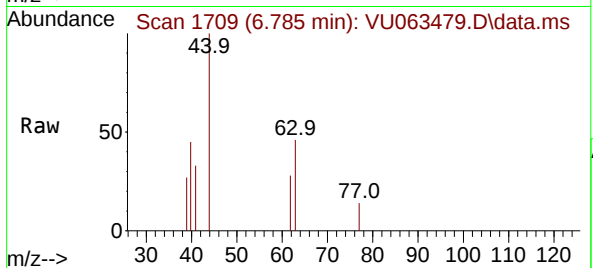
65 0.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#46

Dibromomethane

Concen: 0.497 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

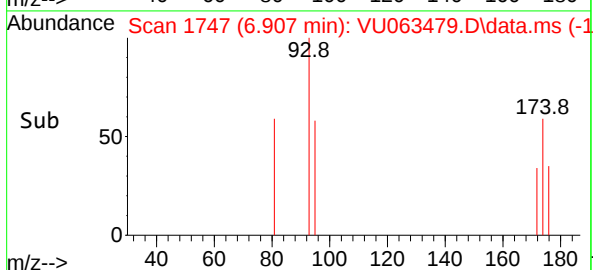
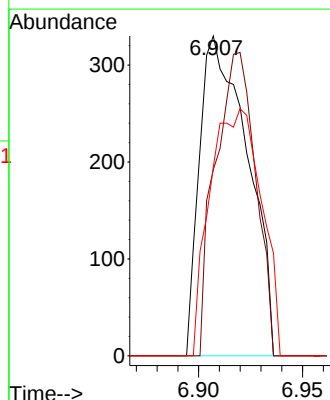
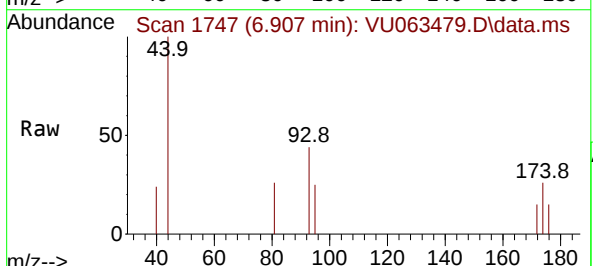
Tgt Ion: 93 Resp: 529

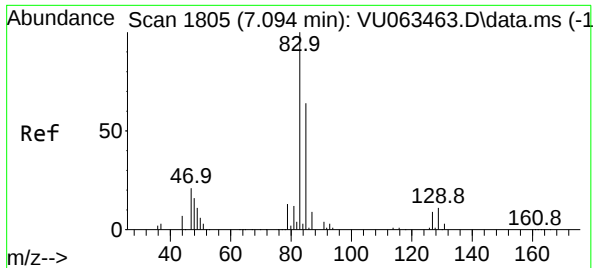
Ion Ratio Lower Upper

93 100

95 79.4 67.5 101.3

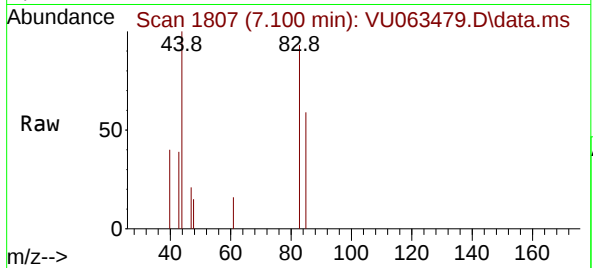
174 83.0 73.1 109.7





#47
Bromodichloromethane
Concen: 0.517 ug/l
RT: 7.100 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

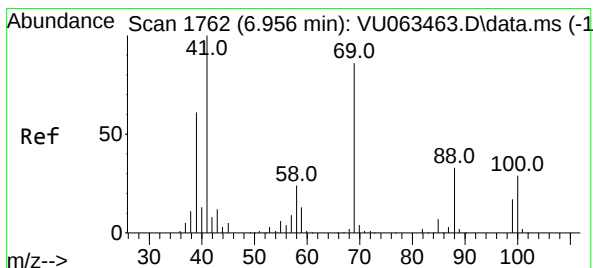
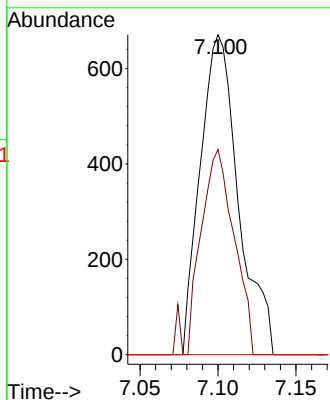
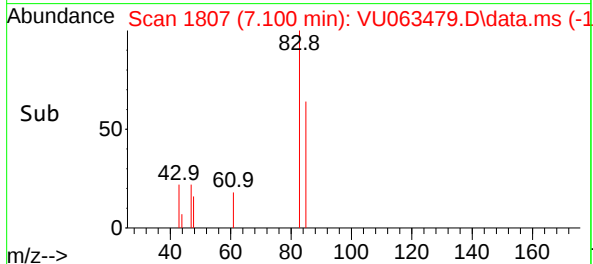
Instrument :
MSVOA_U
ClientSampleId :
MDL02



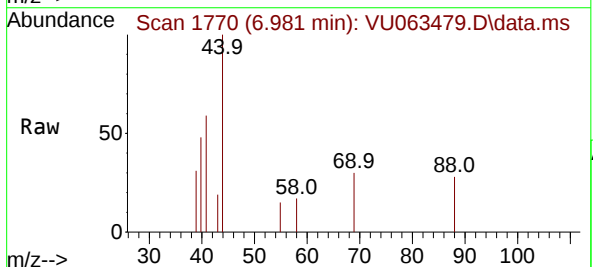
Tgt Ion: 83 Resp: 1144
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0
127 0.0 7.0 10.4

Manual Integrations
APPROVED

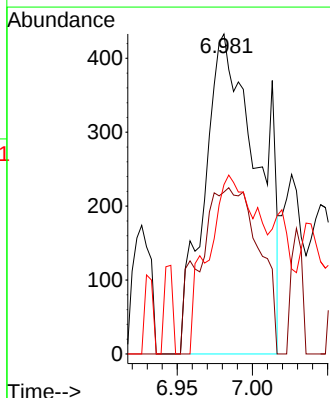
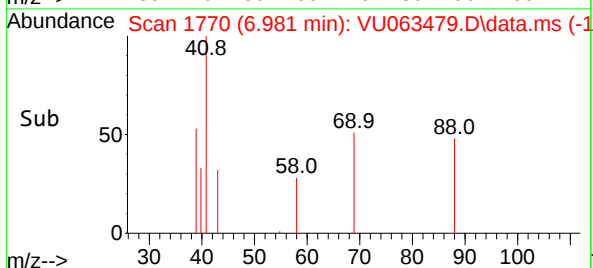
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

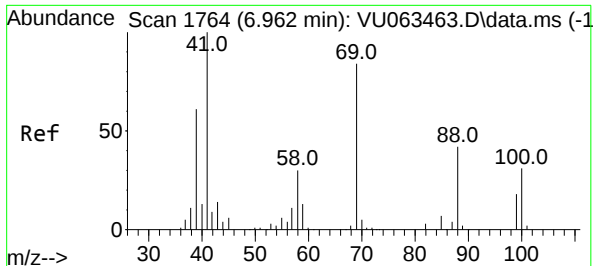


#48
Methyl methacrylate
Concen: 0.628 ug/l m
RT: 6.981 min Scan# 1770
Delta R.T. 0.025 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



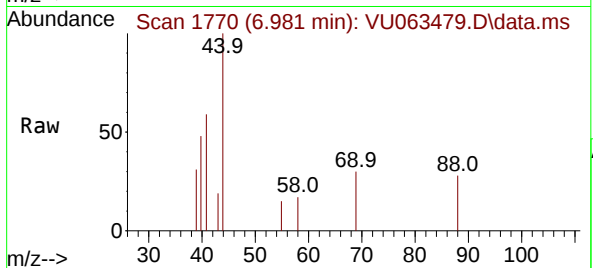
Tgt Ion: 41 Resp: 1076
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 0.0 48.3 72.5#





#49
1,4-Dioxane
Concen: 6.832 ug/l
RT: 6.981 min Scan# 1770
Delta R.T. 0.019 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

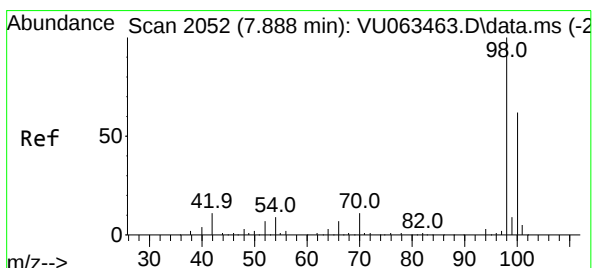
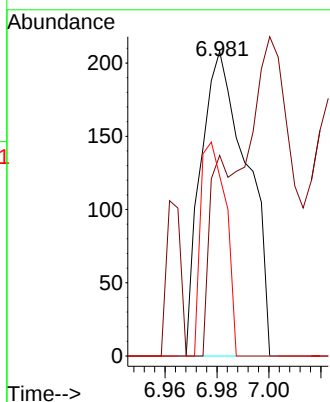
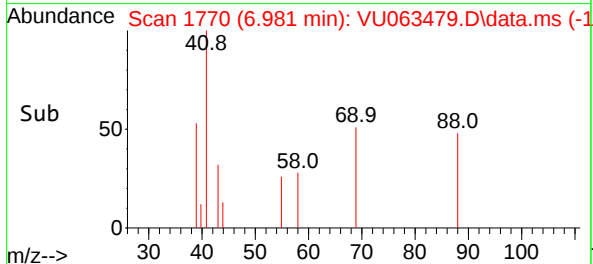
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 28.4 25.6 38.4
58 38.1 55.0 82.6

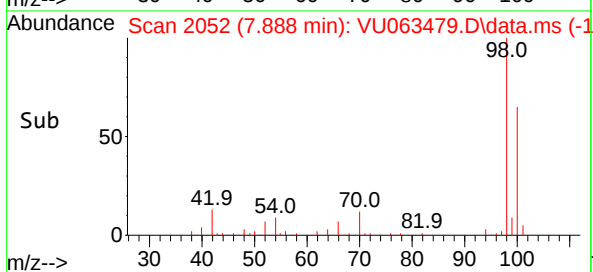
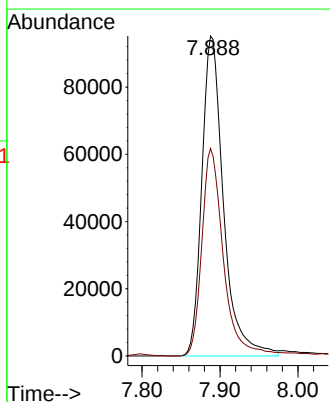
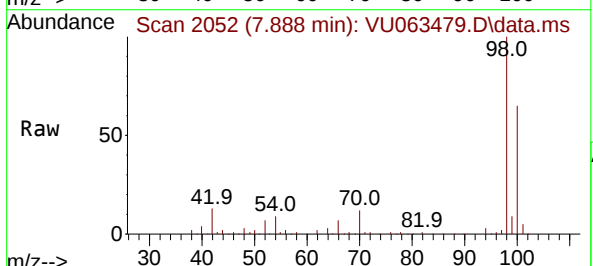
Manual Integrations
APPROVED

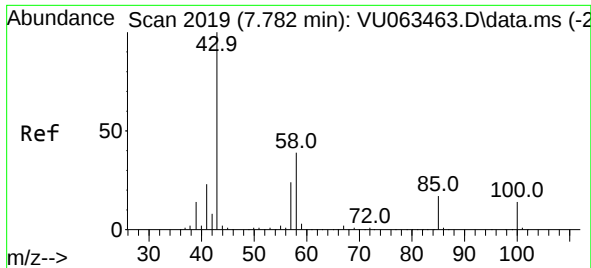
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#50
Toluene-d8
Concen: 44.483 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 98 Resp: 183997
Ion Ratio Lower Upper
98 100
100 65.4 48.1 72.1





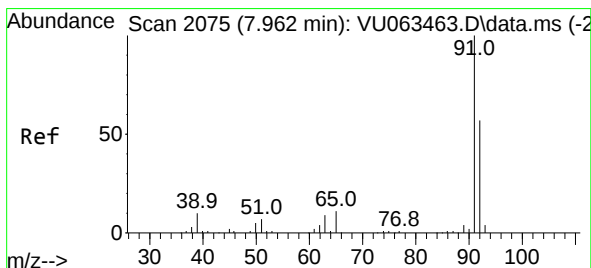
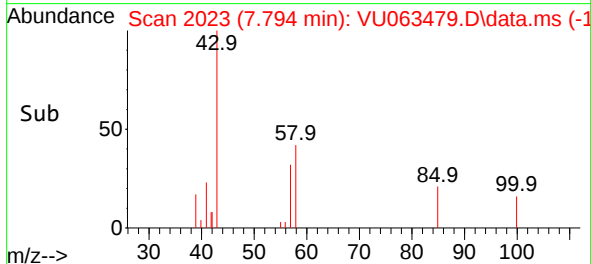
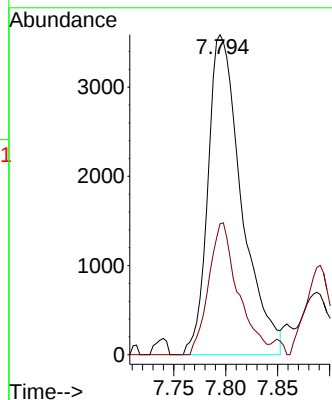
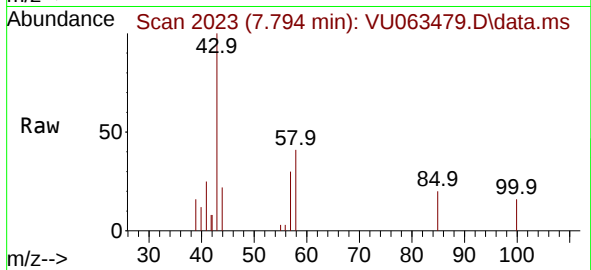
#51
4-Methyl-2-Pentanone
Concen: 3.008 ug/l
RT: 7.794 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 8074
Ion Ratio Lower Upper
43 100
58 36.2 31.0 46.4

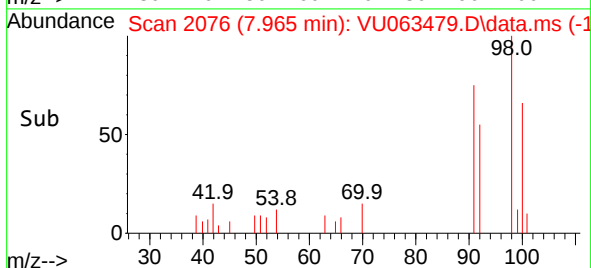
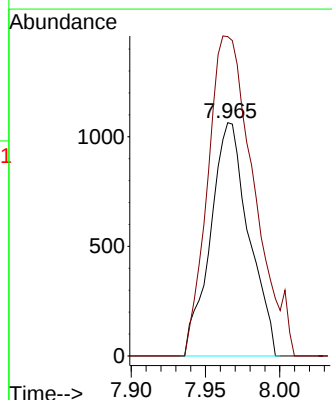
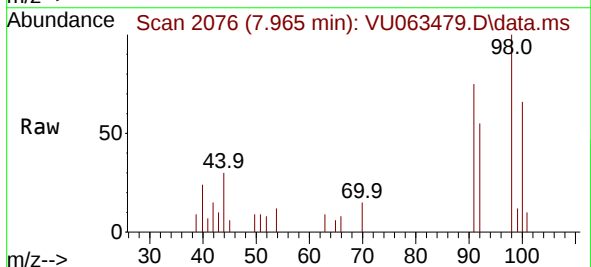
Manual Integrations
APPROVED

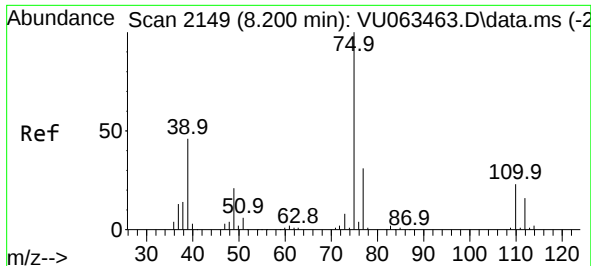
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#52
Toluene
Concen: 0.543 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

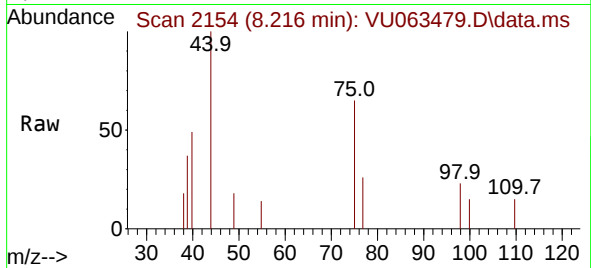
Tgt Ion: 92 Resp: 1911
Ion Ratio Lower Upper
92 100
91 164.7 144.5 216.7





#53
t-1,3-Dichloropropene
Concen: 0.385 ug/l
RT: 8.216 min Scan# 2149
Delta R.T. 0.016 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

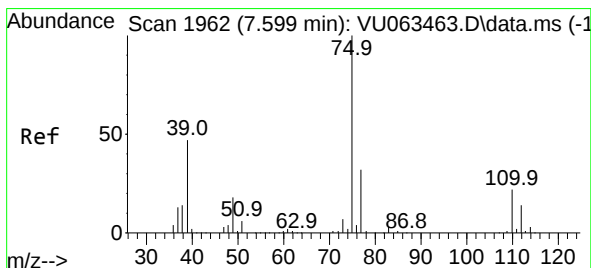
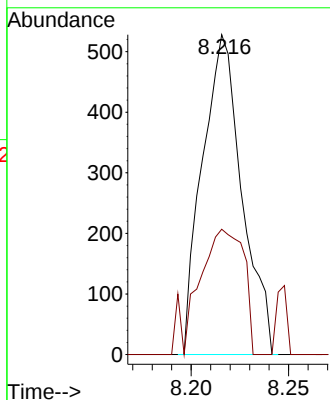
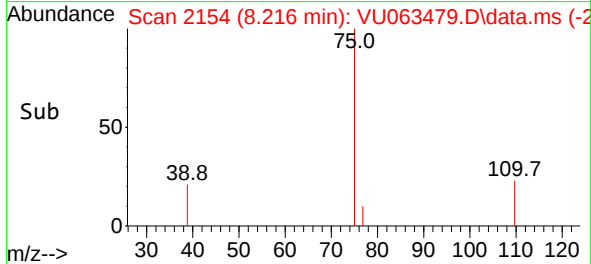
Instrument :
MSVOA_U
ClientSampleId :
MDL02



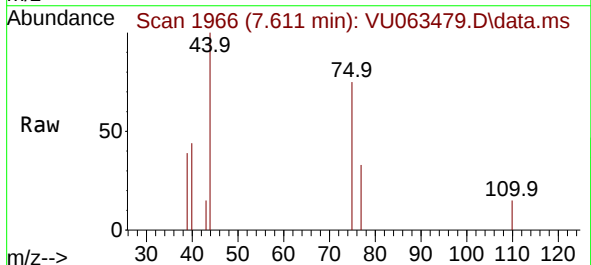
Tgt Ion: 75 Resp: 740
Ion Ratio Lower Upper
75 100
77 20.3 25.0 37.6

Manual Integrations
APPROVED

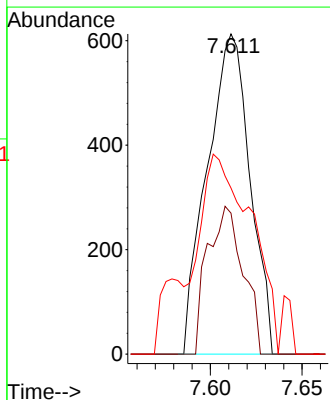
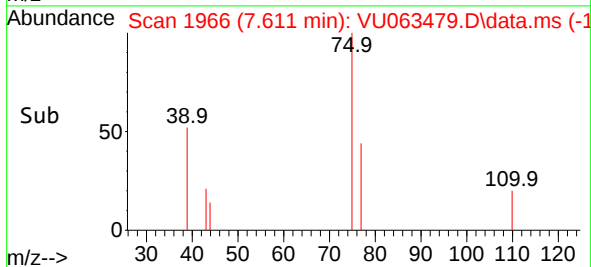
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

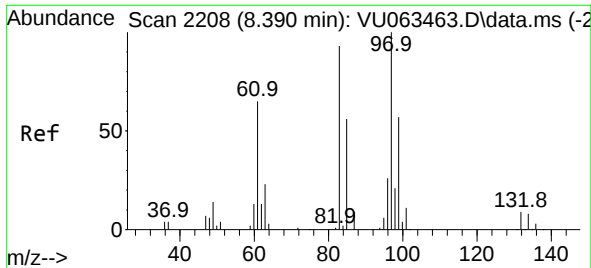


#54
cis-1,3-Dichloropropene
Concen: 0.459 ug/l
RT: 7.611 min Scan# 1966
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



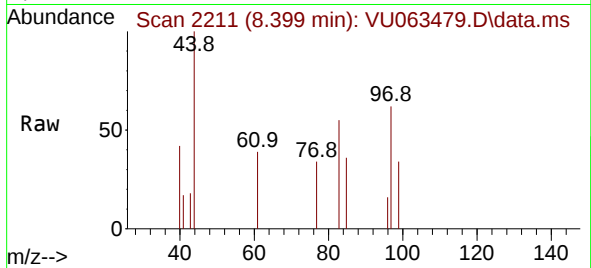
Tgt Ion: 75 Resp: 996
Ion Ratio Lower Upper
75 100
77 44.0 25.4 38.0#
39 51.9 37.2 55.8





#55
1,1,2-Trichloroethane
Concen: 0.476 ug/l
RT: 8.399 min Scan# 2111
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

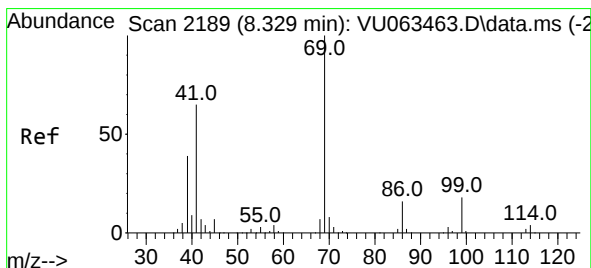
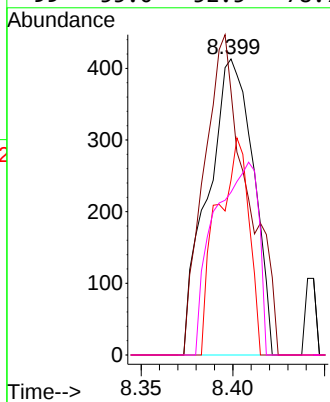
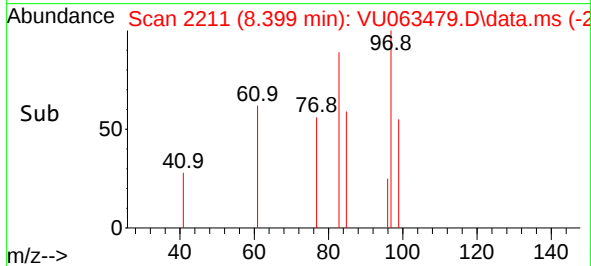
Instrument :
MSVOA_U
ClientSampleId :
MDL02



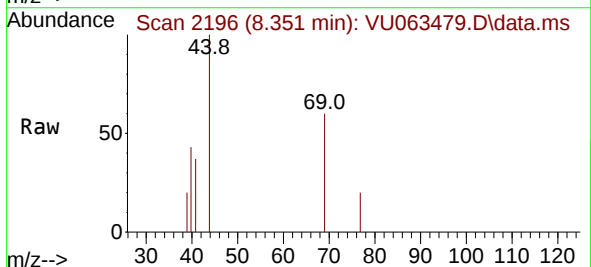
Tgt Ion: 97 Resp: 712
Ion Ratio Lower Upper
97 100
83 89.1 74.2 111.4
85 59.1 45.8 68.8
99 55.0 52.5 78.7

Manual Integrations
APPROVED

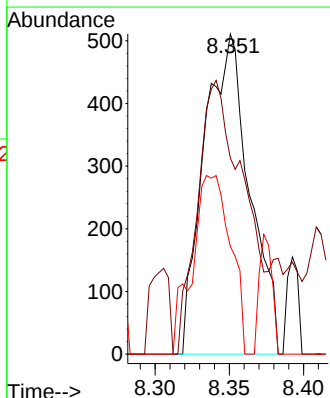
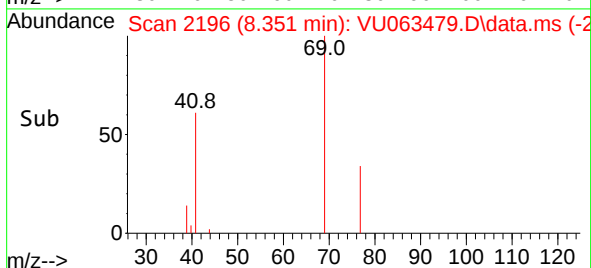
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

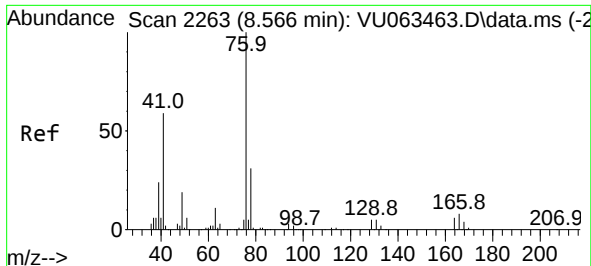


#56
Ethyl methacrylate
Concen: 0.453 ug/l
RT: 8.351 min Scan# 2196
Delta R.T. 0.022 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



Tgt Ion: 69 Resp: 1094
Ion Ratio Lower Upper
69 100
41 88.6 53.0 79.6#
39 47.0 31.0 46.4#





#57

1,3-Dichloropropane

Concen: 0.449 ug/l

RT: 8.569 min Scan# 2100

Delta R.T. 0.003 min

Lab File: VU063479.D

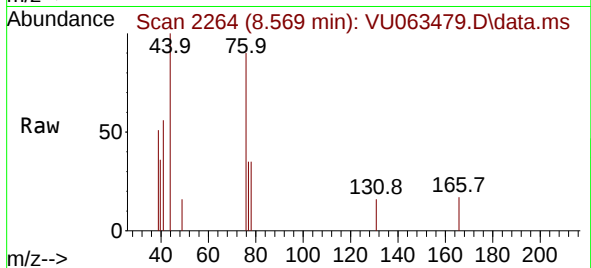
Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02



Tgt Ion: 76 Resp: 1100

Ion Ratio Lower Upper

76 100

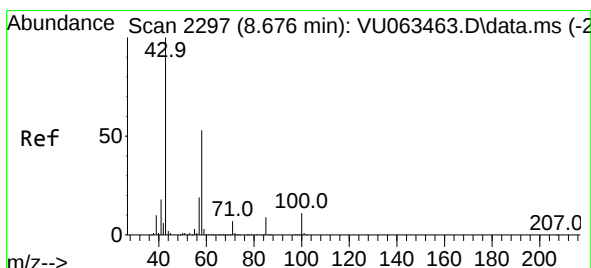
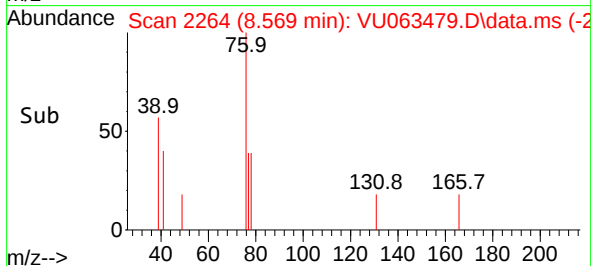
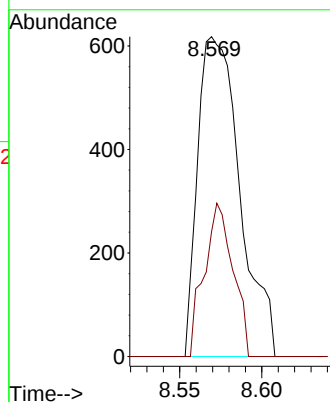
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#59

2-Hexanone

Concen: 3.377 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.019 min

Lab File: VU063479.D

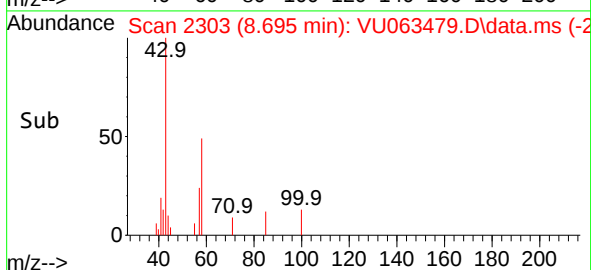
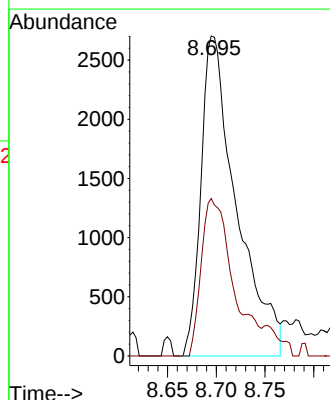
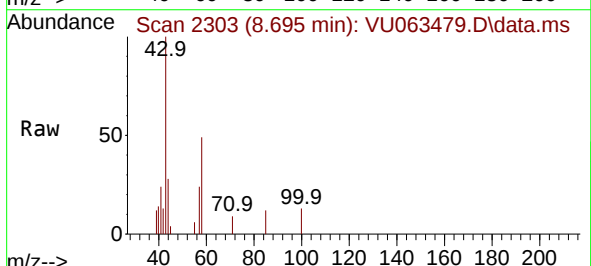
Acq: 10 Jul 2025 14:37

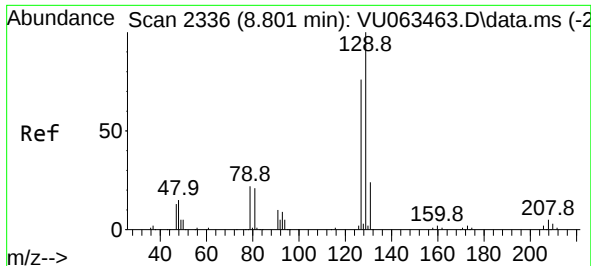
Tgt Ion: 43 Resp: 6857

Ion Ratio Lower Upper

43 100

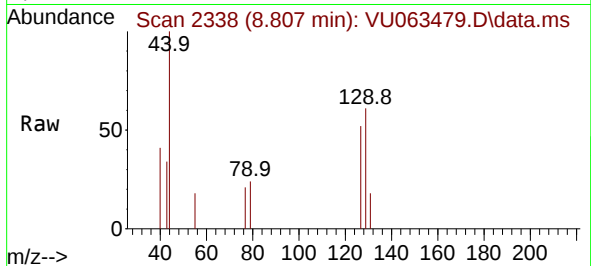
58 44.0 26.9 80.7





#60
Dibromochloromethane
Concen: 0.371 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

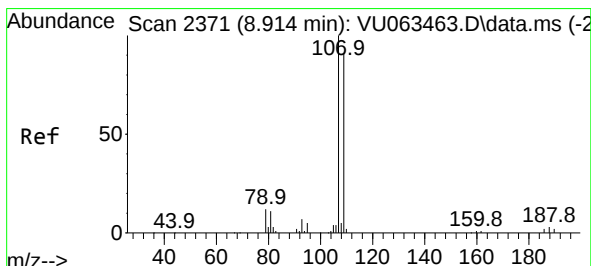
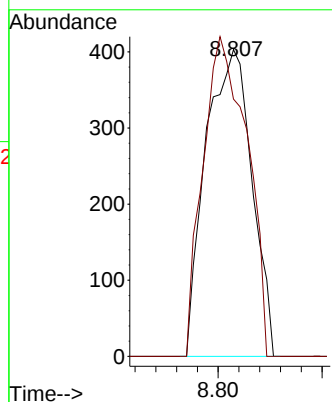
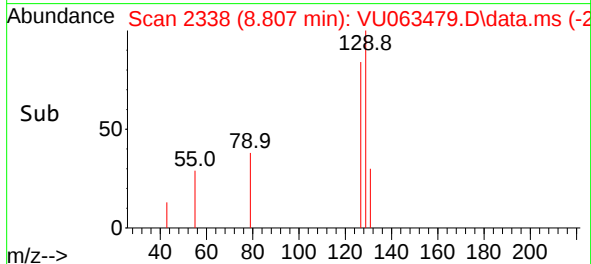
Instrument :
MSVOA_U
ClientSampleId :
MDL02



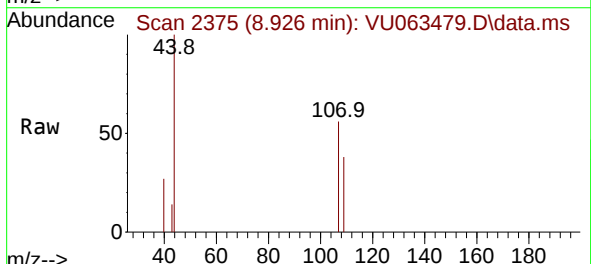
Tgt Ion:129 Resp: 62
Ion Ratio Lower Upper
129 100
127 99.5 39.1 117.2

Manual Integrations
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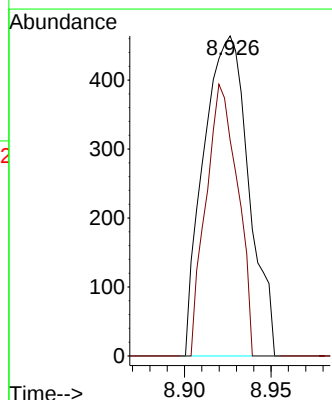
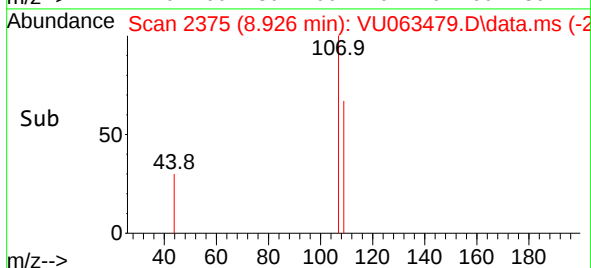
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

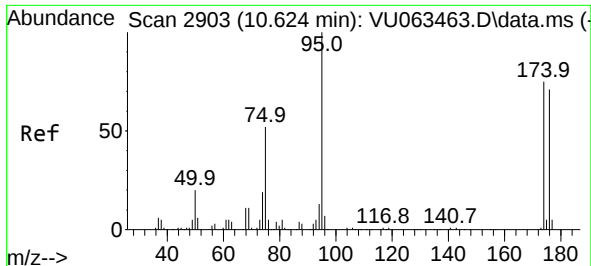


#61
1,2-Dibromoethane
Concen: 0.574 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



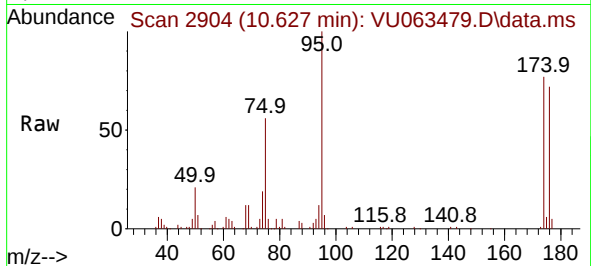
Tgt Ion:107 Resp: 842
Ion Ratio Lower Upper
107 100
109 59.3 73.7 110.5#





#62
4-Bromofluorobenzene
Concen: 45.130 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

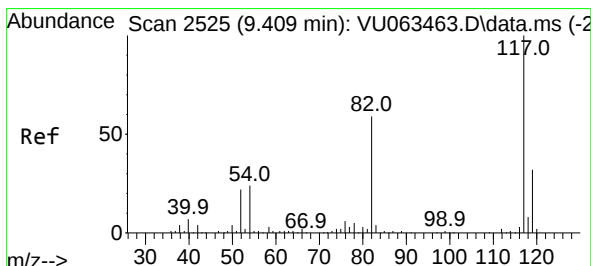
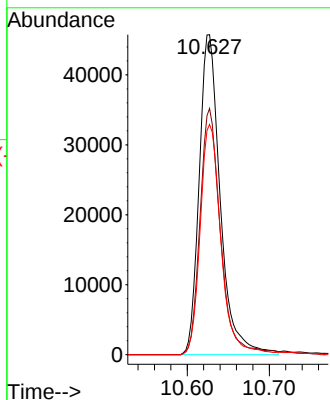
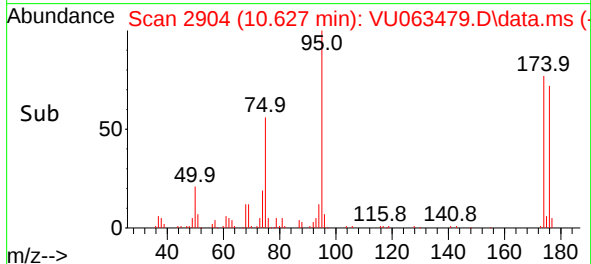
Instrument :
MSVOA_U
ClientSampleId :
MDL02



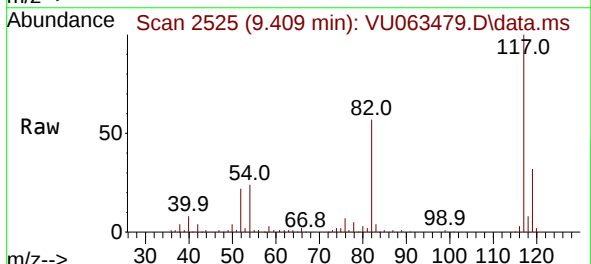
Tgt Ion: 95 Resp: 8165
Ion Ratio Lower Upper
95 100
174 75.5 0.0 153.6
176 70.9 0.0 145.8

Manual Integrations
APPROVED

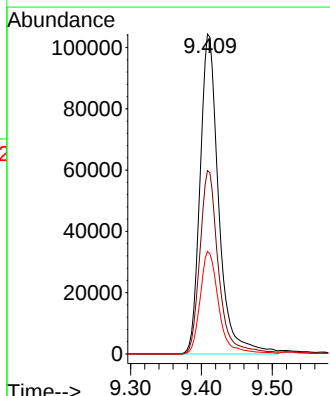
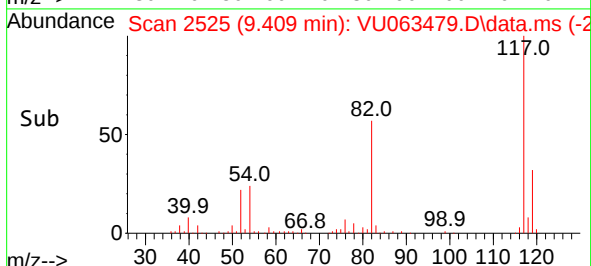
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

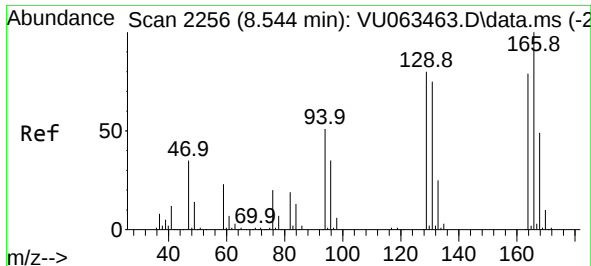


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



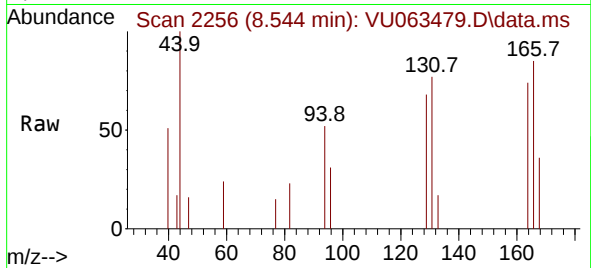
Tgt Ion:117 Resp: 190774
Ion Ratio Lower Upper
117 100
82 57.3 47.1 70.7
119 32.0 25.4 38.0





#64
Tetrachloroethene
Concen: 0.509 ug/l
RT: 8.544 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

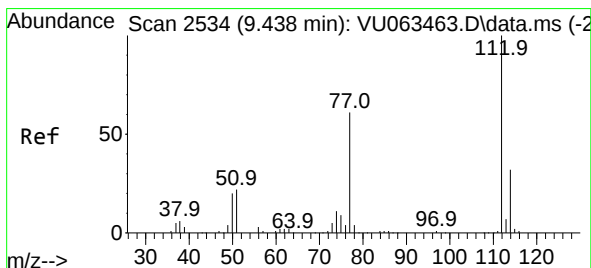
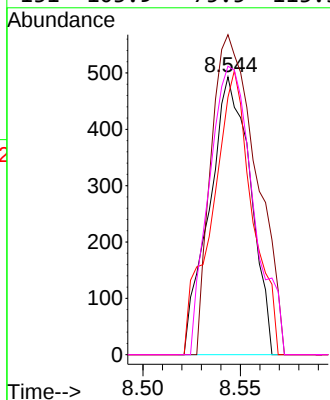
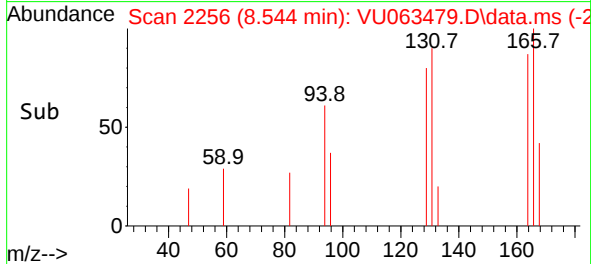
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion:164 Resp: 72
Ion Ratio Lower Upper
164 100
166 115.2 100.9 151.3
129 92.7 80.9 121.3
131 103.9 75.5 113.3

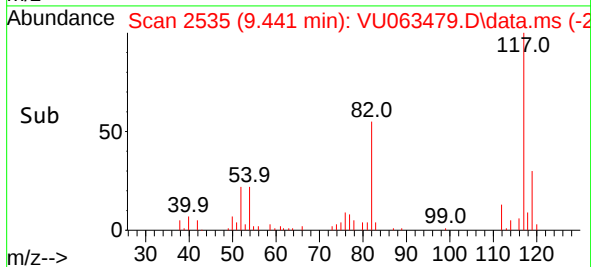
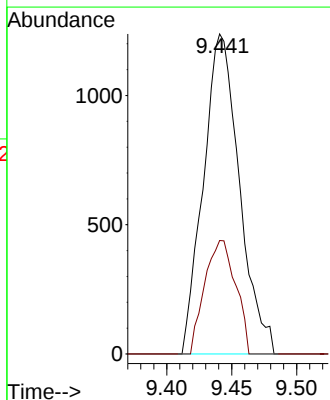
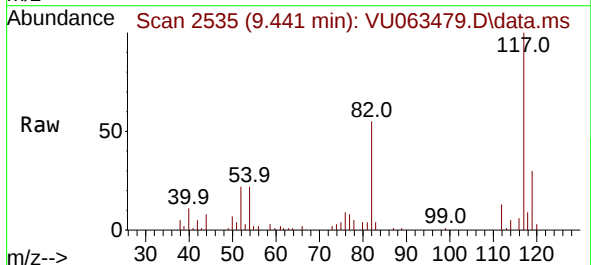
Manual Integrations
APPROVED

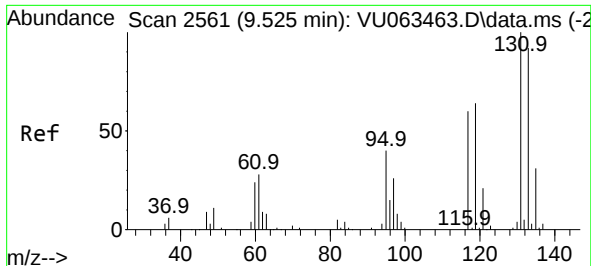
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#65
Chlorobenzene
Concen: 0.600 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

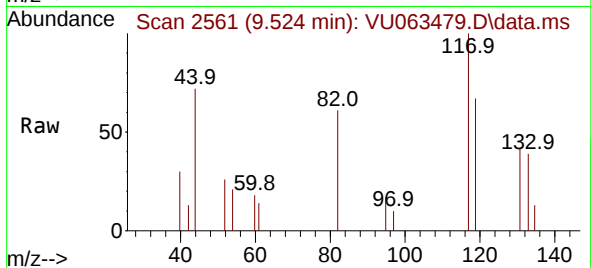
Tgt Ion:112 Resp: 2383
Ion Ratio Lower Upper
112 100
114 35.5 25.5 38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 0.507 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

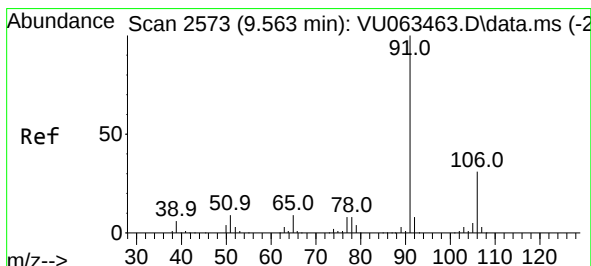
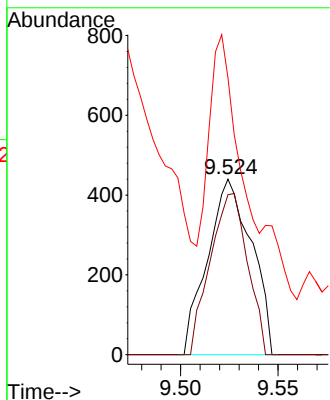
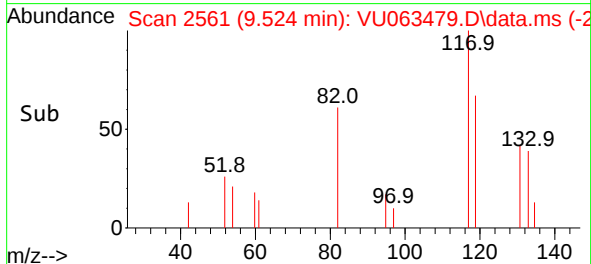
Instrument :
MSVOA_U
ClientSampleId :
MDL02



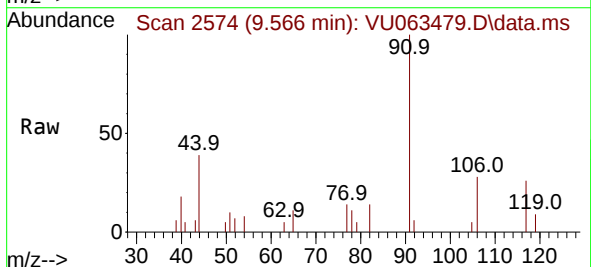
Tgt Ion:131 Resp: 690
Ion Ratio Lower Upper
131 100
133 78.0 46.4 139.2
119 0.0 33.3 99.9

Manual Integrations
APPROVED

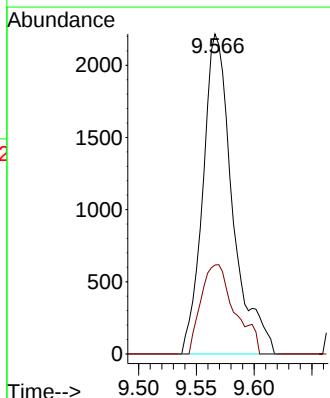
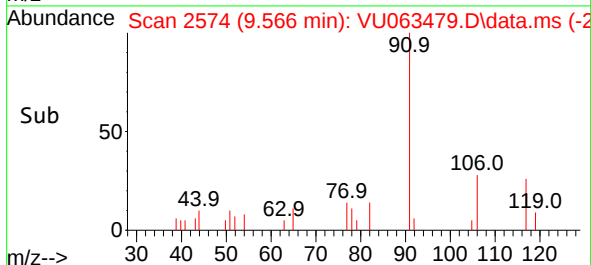
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

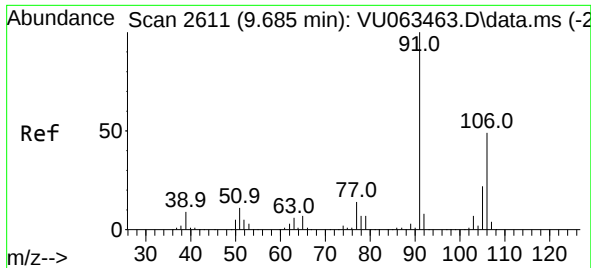


#67
Ethyl Benzene
Concen: 0.579 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



Tgt Ion: 91 Resp: 3951
Ion Ratio Lower Upper
91 100
106 27.8 24.5 36.7





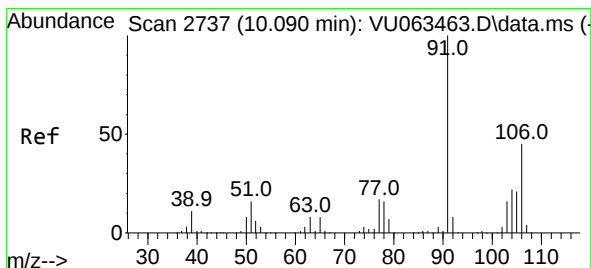
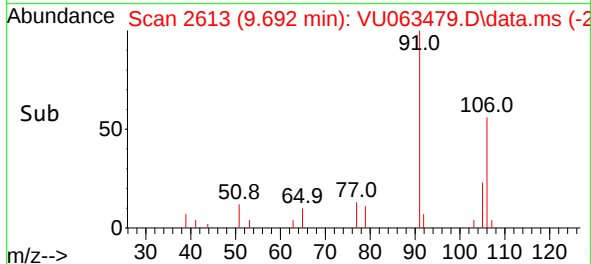
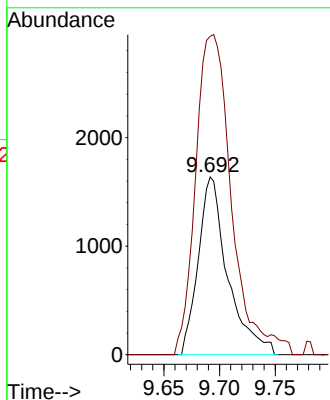
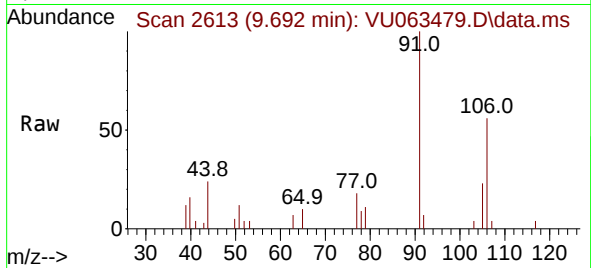
#68
m/p-Xylenes
Concen: 1.158 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 3010
Ion Ratio Lower Upper
106 100
91 219.2 163.6 245.4

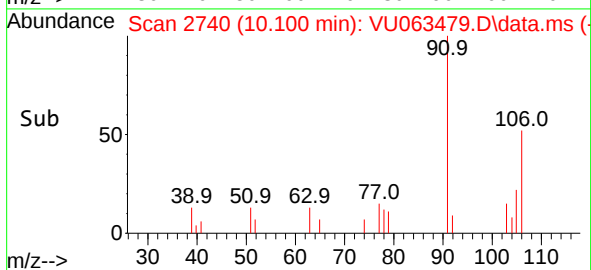
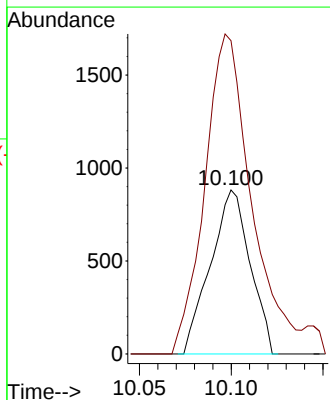
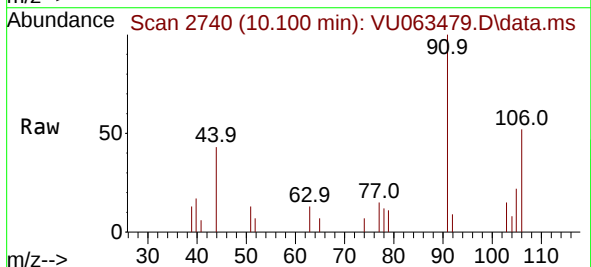
Manual Integrations
APPROVED

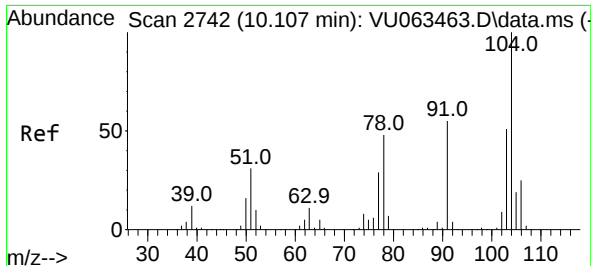
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#69
o-Xylene
Concen: 0.499 ug/l
RT: 10.100 min Scan# 2740
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion:106 Resp: 1322
Ion Ratio Lower Upper
106 100
91 229.9 110.7 331.9





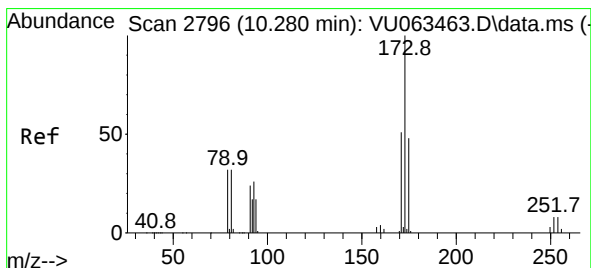
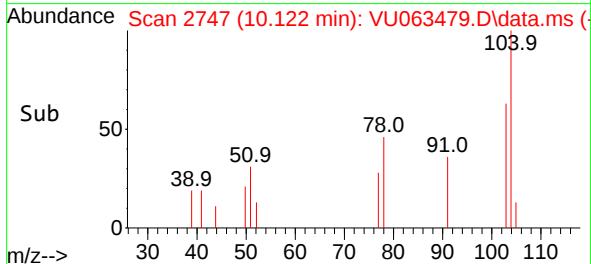
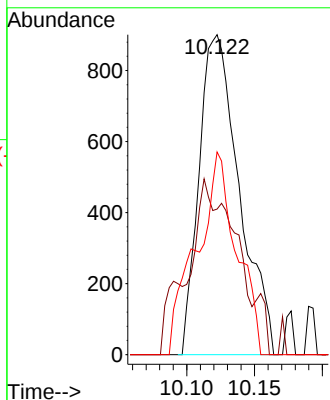
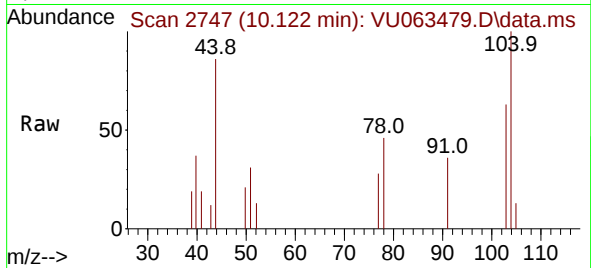
#70
Styrene
Concen: 0.442 ug/l
RT: 10.122 min Scan# 2747
Delta R.T. 0.016 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:104 Resp: 186
Ion Ratio Lower Upper
104 100
78 41.0 41.4 62.0
103 63.0 44.3 66.5

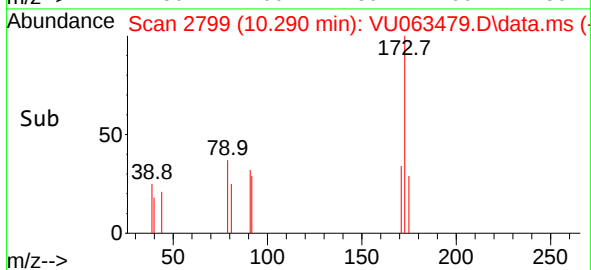
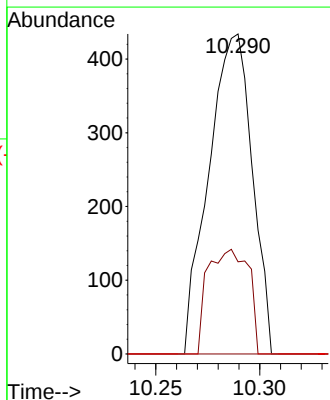
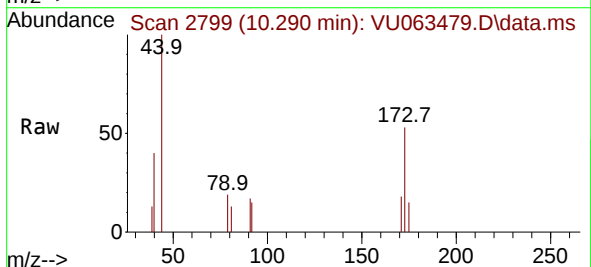
Manual Integrations
APPROVED

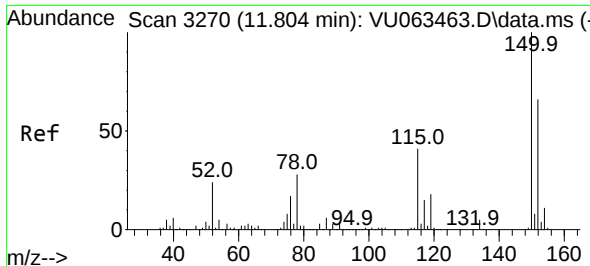
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#71
Bromoform
Concen: 0.532 ug/l
RT: 10.290 min Scan# 2799
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

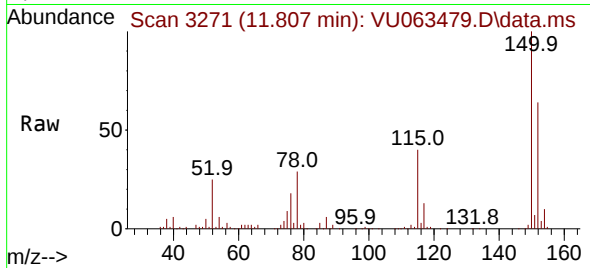
Tgt Ion:173 Resp: 631
Ion Ratio Lower Upper
173 100
175 30.6 24.0 72.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.807 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

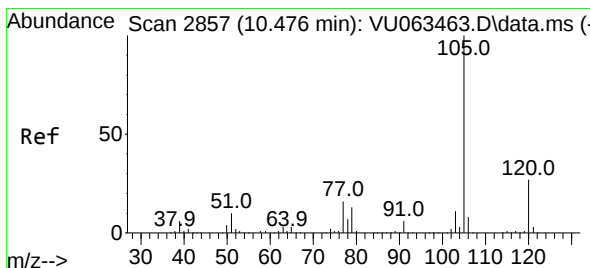
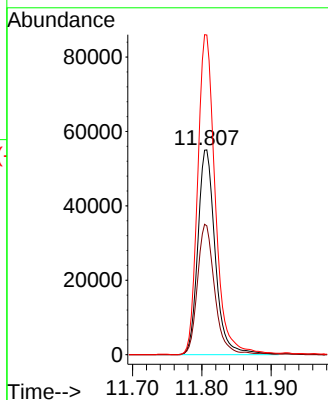
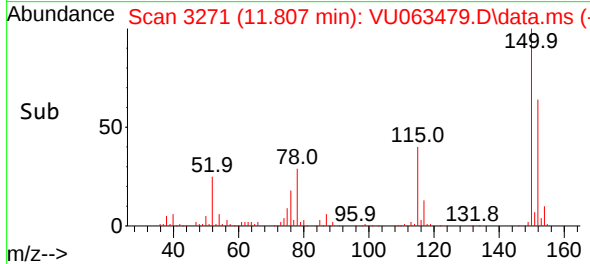
Instrument :
MSVOA_U
ClientSampleId :
MDL02



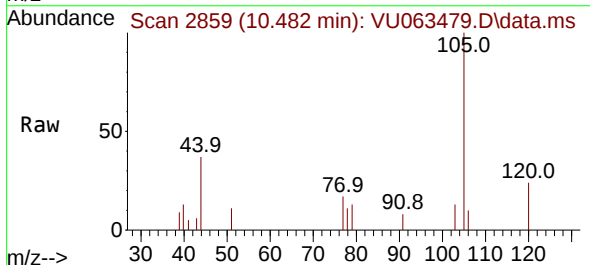
Tgt Ion:152 Resp: 96090
Ion Ratio Lower Upper
152 100
115 63.1 43.4 130.2
150 158.3 0.0 341.4

Manual Integrations
APPROVED

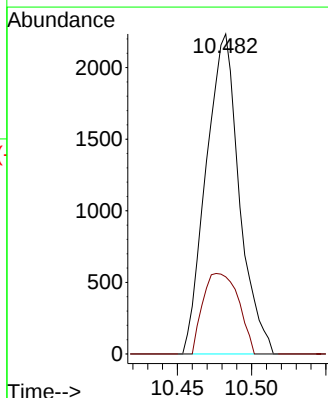
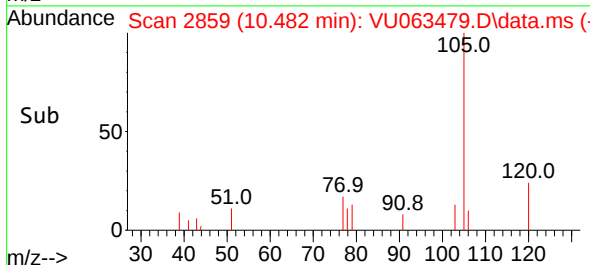
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

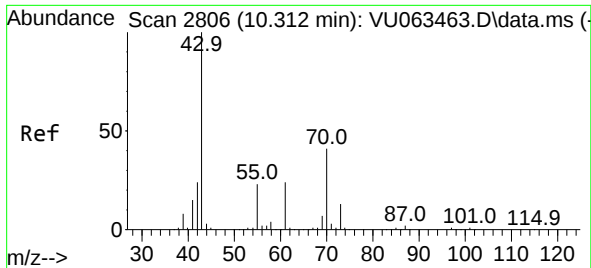


#73
Isopropylbenzene
Concen: 0.532 ug/l
RT: 10.482 min Scan# 2859
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



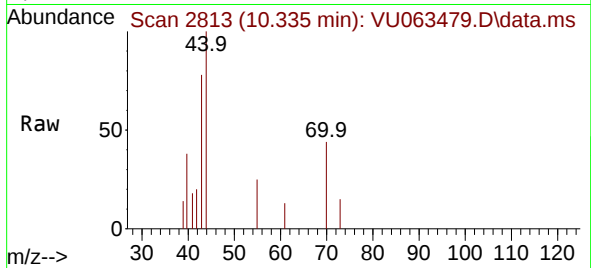
Tgt Ion:105 Resp: 3479
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1





#74
N-amy1 acetate
Concen: 0.757 ug/l m
RT: 10.335 min Scan# 21
Delta R.T. 0.022 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

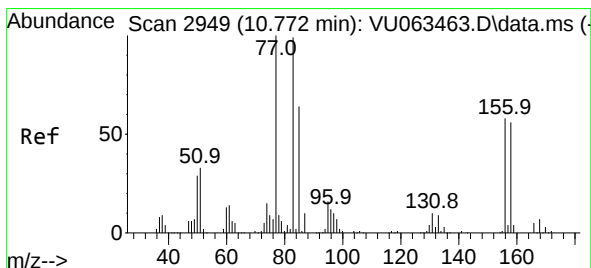
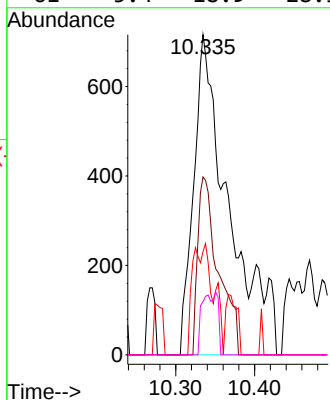
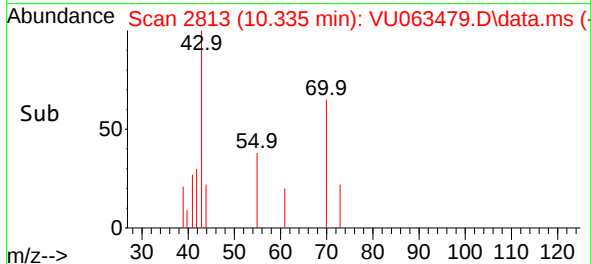
Instrument :
MSVOA_U
ClientSampleId :
MDL02



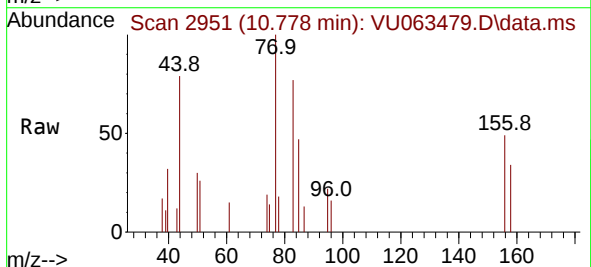
Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
70 32.6 32.6 48.8
55 8.8 18.6 27.8
61 5.4 18.9 28.3#

Manual Integrations
APPROVED

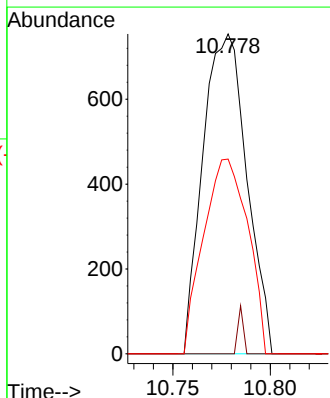
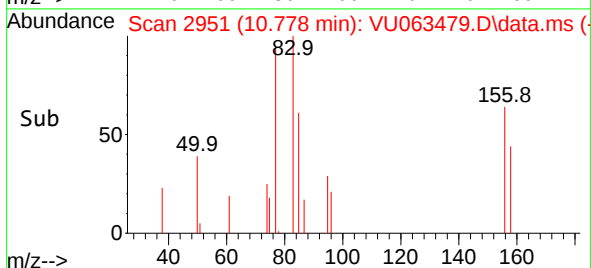
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

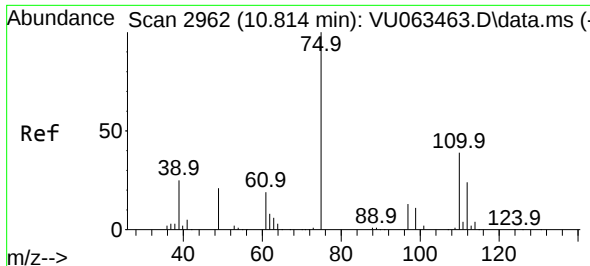


#75
1,1,2,2-Tetrachloroethane
Concen: 0.490 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



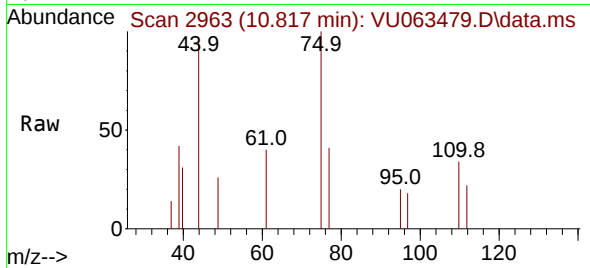
Tgt Ion: 83 Resp: 1179
Ion Ratio Lower Upper
83 100
131 1.9 4.8 14.3#
85 61.6 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 0.721 ug/l
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

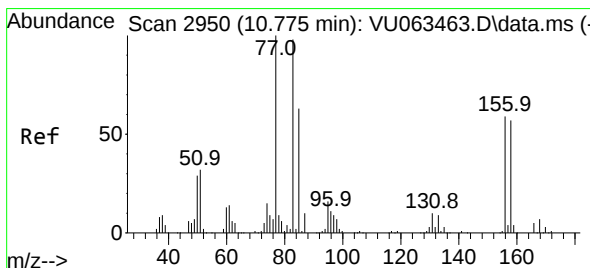
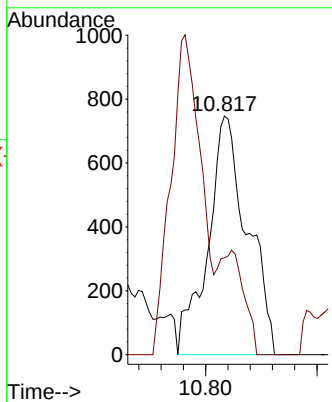
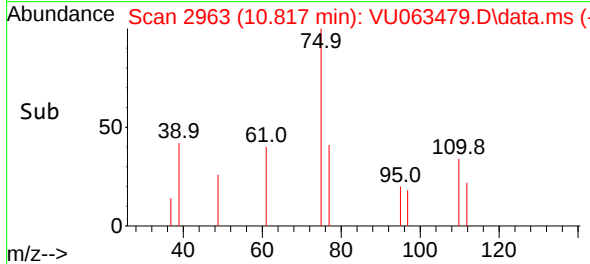
Instrument :
MSVOA_U
ClientSampleId :
MDL02



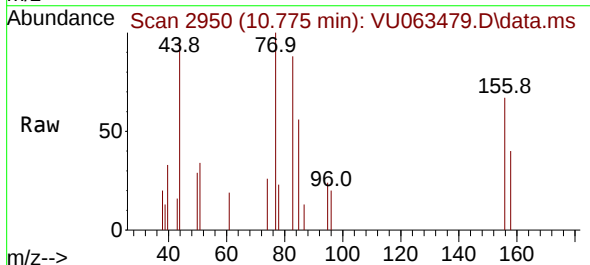
Tgt Ion: 75 Resp: 1835
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4

Manual Integrations
APPROVED

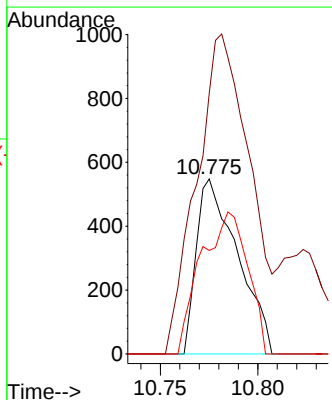
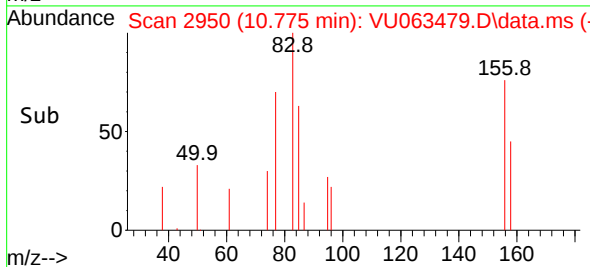
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

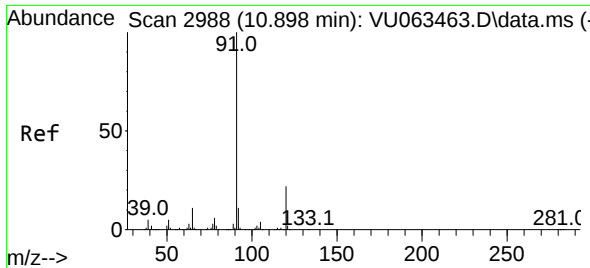


#77
Bromobenzene
Concen: 0.504 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



Tgt Ion:156 Resp: 807
Ion Ratio Lower Upper
156 100
77 235.2 78.2 234.6#
158 91.7 46.8 140.4





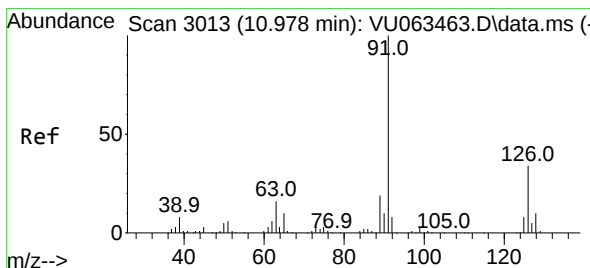
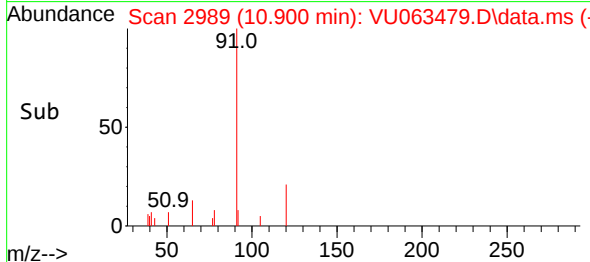
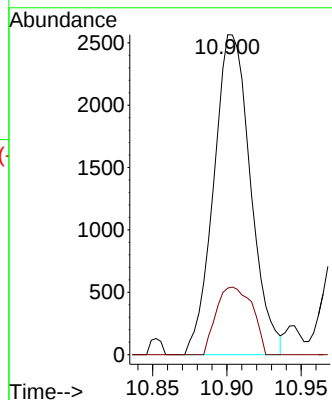
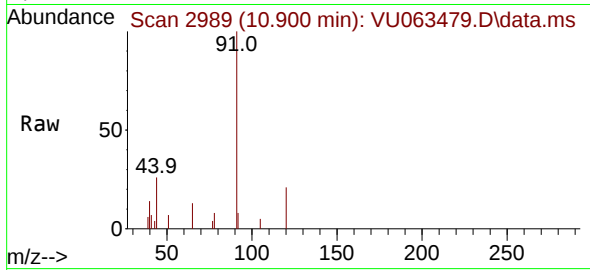
#78
n-propylbenzene
Concen: 0.583 ug/l
RT: 10.900 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 4424
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4

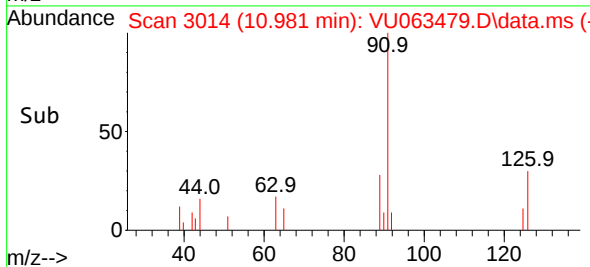
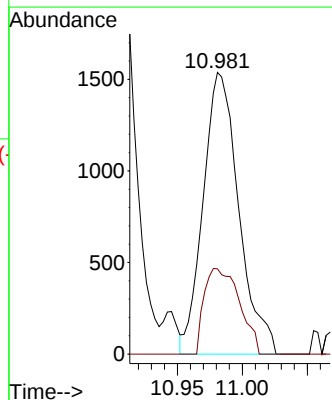
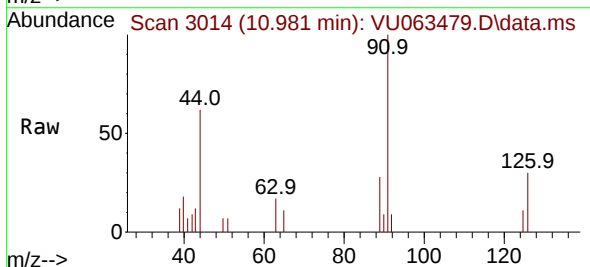
Manual Integrations
APPROVED

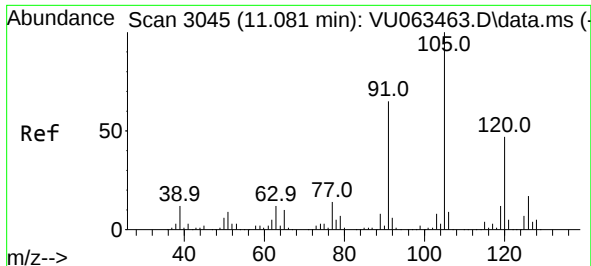
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#79
2-Chlorotoluene
Concen: 0.616 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

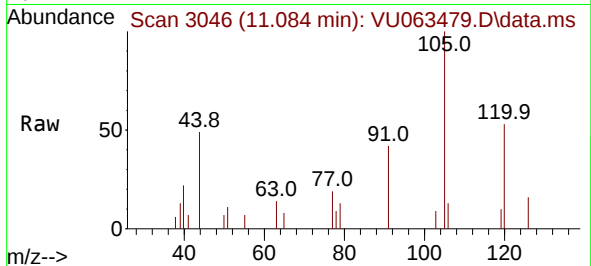
Tgt Ion: 91 Resp: 2930
Ion Ratio Lower Upper
91 100
126 30.1 15.9 47.7





#80
1,3,5-Trimethylbenzene
Concen: 0.530 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

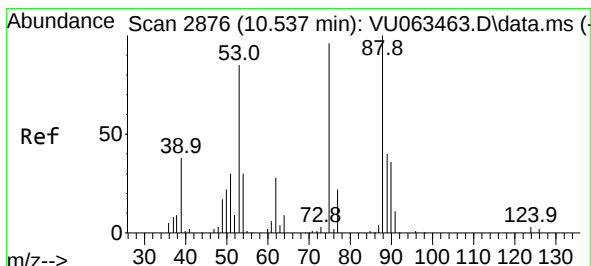
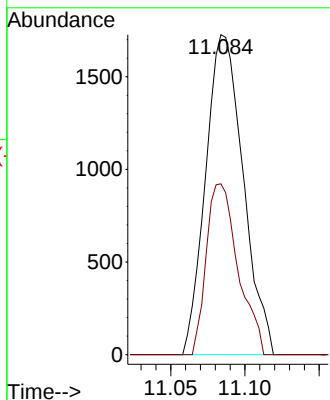
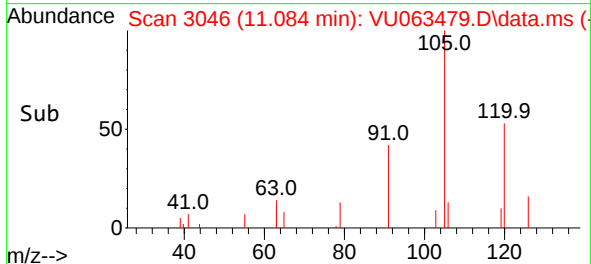
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion:105 Resp: 303
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.2

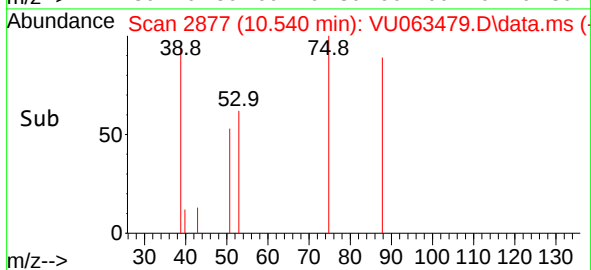
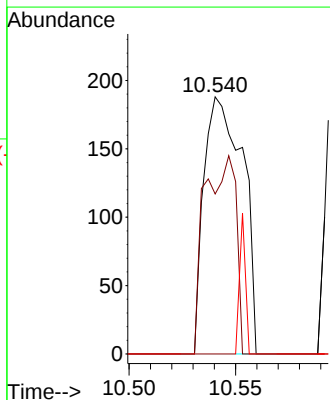
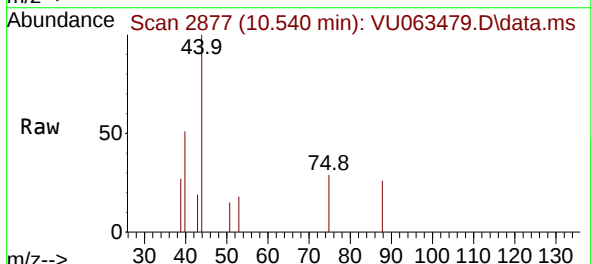
Manual Integrations
APPROVED

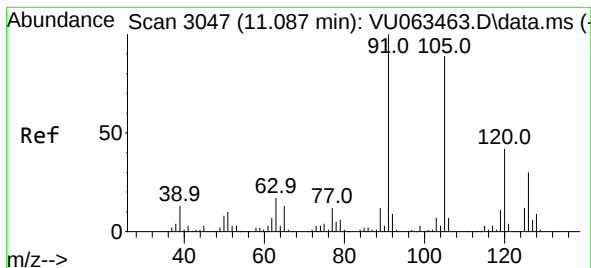
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 0.464 ug/l m
RT: 10.540 min Scan# 2877
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

Tgt Ion: 75 Resp: 237
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#





#82

4-Chlorotoluene

Concen: 0.633 ug/l

RT: 11.103 min Scan# 3047

Delta R.T. 0.016 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 3420

Ion Ratio Lower Upper

91 100

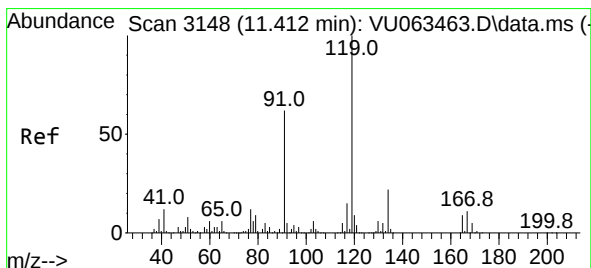
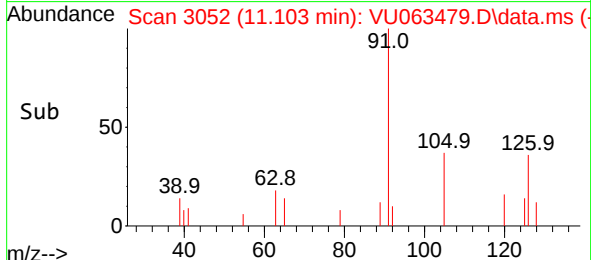
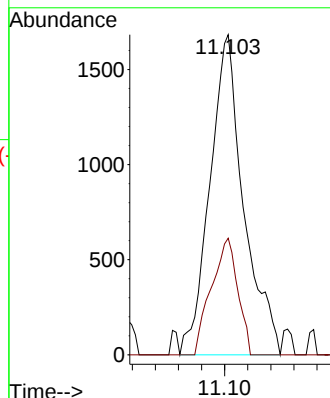
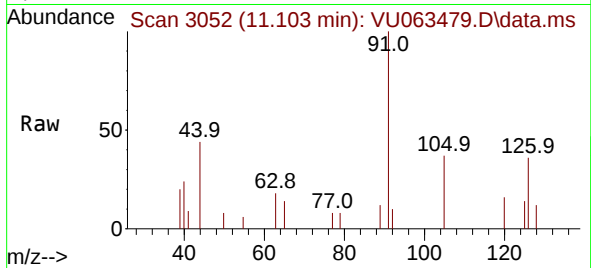
126 28.4 14.4 43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#83

tert-Butylbenzene

Concen: 0.591 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

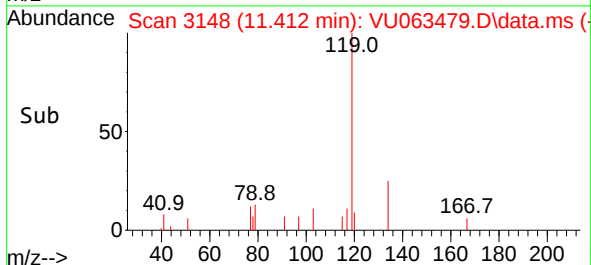
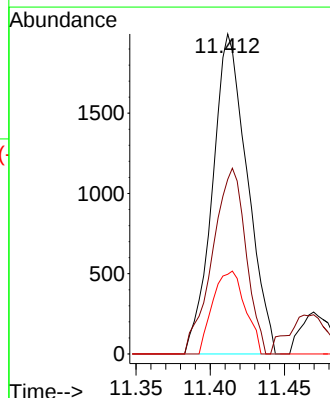
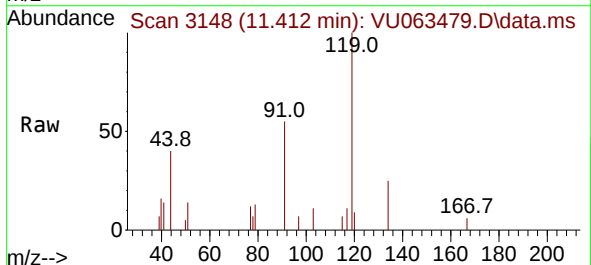
Tgt Ion:119 Resp: 3244

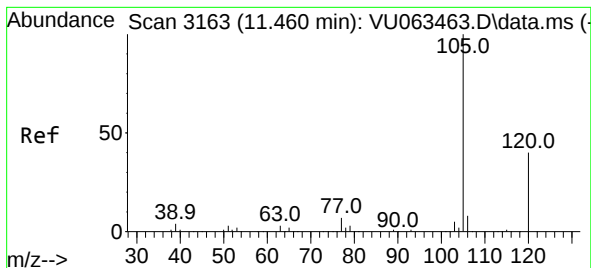
Ion Ratio Lower Upper

119 100

91 55.8 30.3 91.0

134 24.0 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 0.577 ug/l

RT: 11.466 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU063479.D

Acq: 10 Jul 2025 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion:105 Resp: 3240

Ion Ratio Lower Upper

105 100

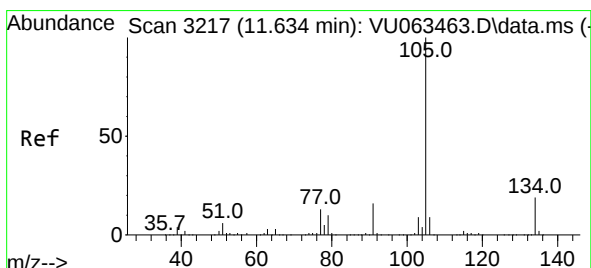
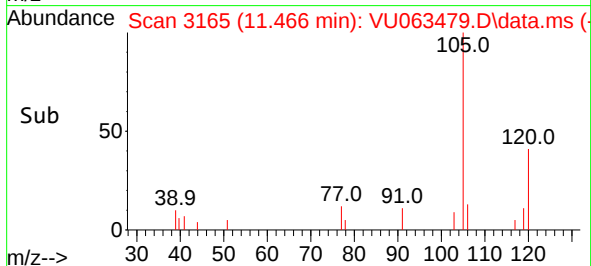
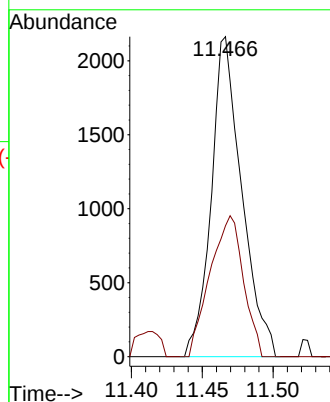
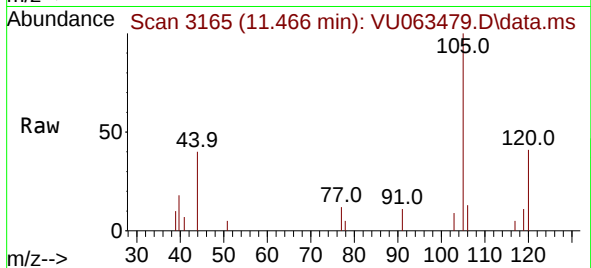
120 48.0 22.1 66.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#85

sec-Butylbenzene

Concen: 0.591 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063479.D

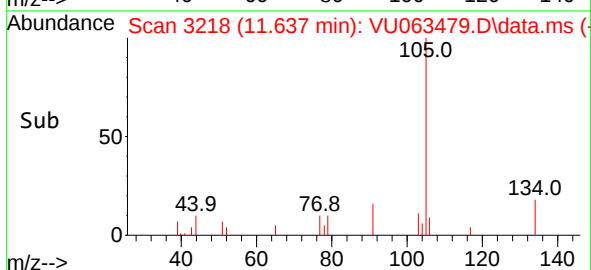
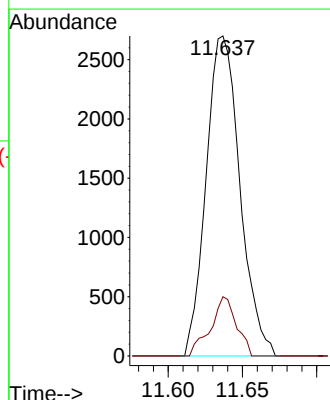
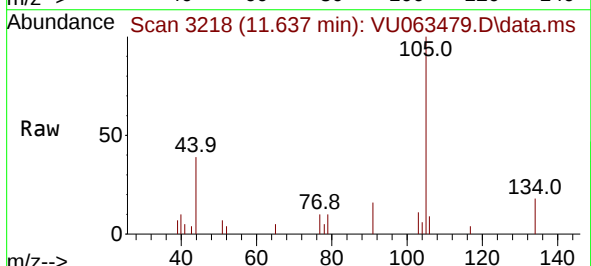
Acq: 10 Jul 2025 14:37

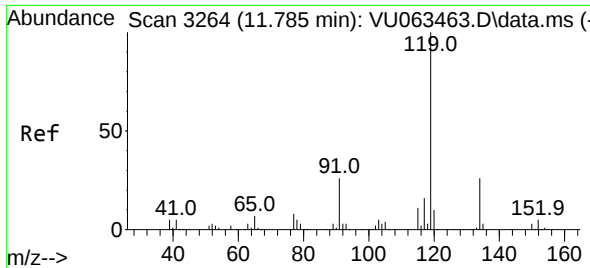
Tgt Ion:105 Resp: 4279

Ion Ratio Lower Upper

105 100

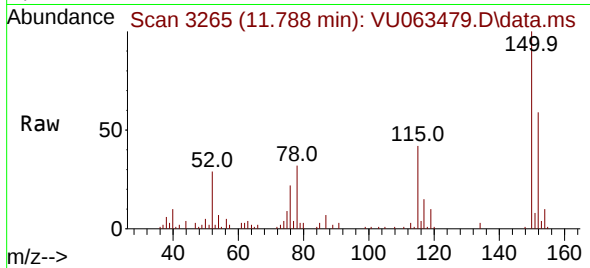
134 14.1 9.7 29.1





#86
p-Isopropyltoluene
Concen: 0.600 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

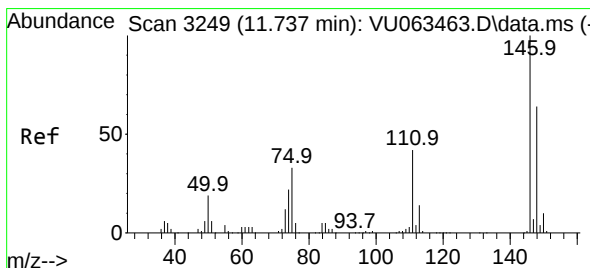
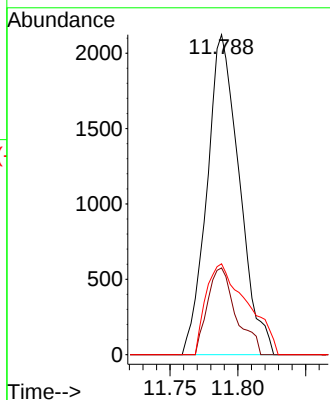
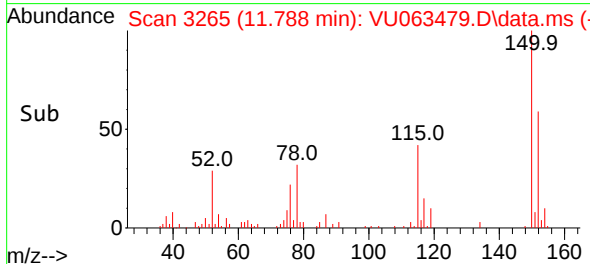
Instrument :
MSVOA_U
ClientSampleId :
MDL02



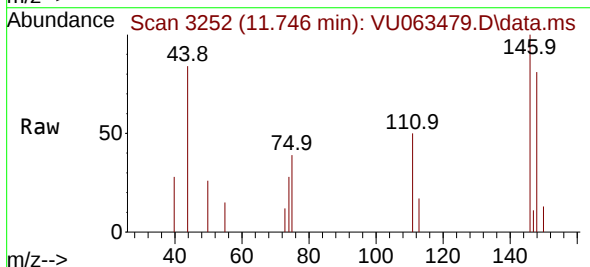
Tgt Ion:119 Resp: 352
Ion Ratio Lower Upper
119 100
134 23.8 13.0 38.9
91 36.2 13.0 38.9

Manual Integrations
APPROVED

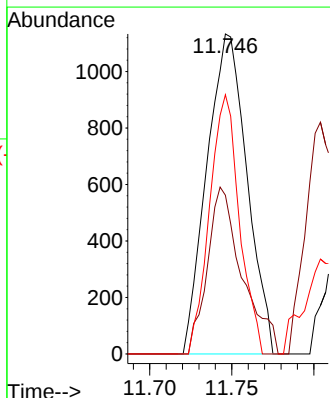
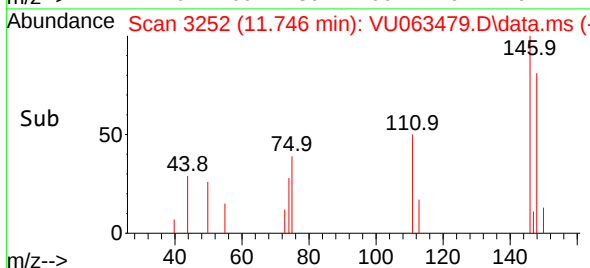
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

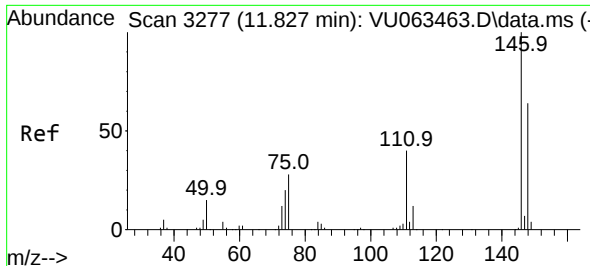


#87
1,3-Dichlorobenzene
Concen: 0.622 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



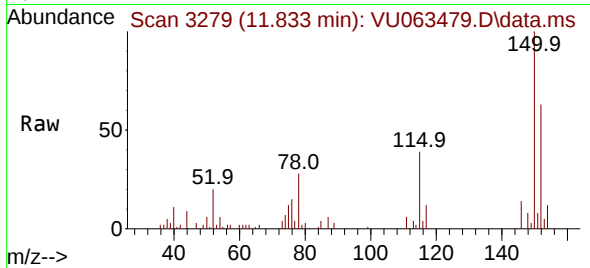
Tgt Ion:146 Resp: 1921
Ion Ratio Lower Upper
146 100
111 45.3 20.9 62.7
148 60.3 31.9 95.9





#88
1,4-Dichlorobenzene
Concen: 0.714 ug/l m
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

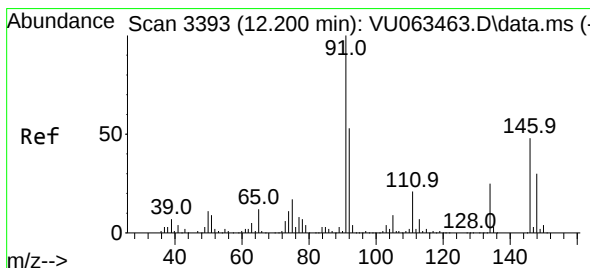
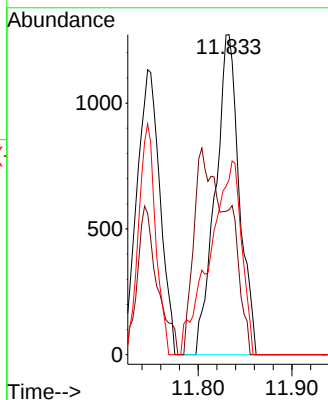
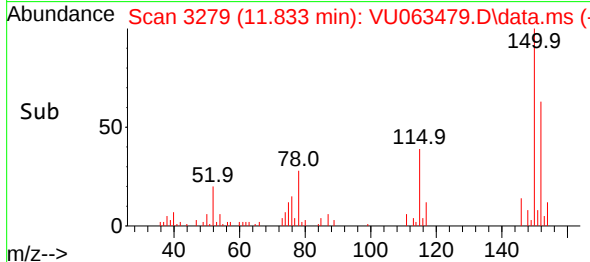
Instrument :
MSVOA_U
ClientSampleId :
MDL02



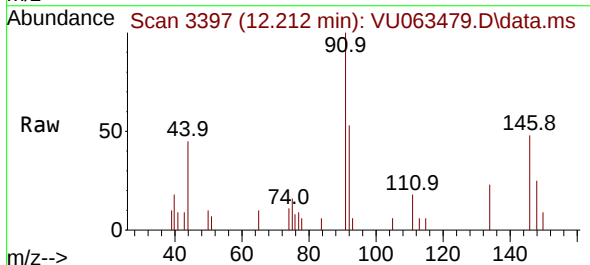
Tgt Ion:146 Resp: 224
Ion Ratio Lower Upper
146 100
111 38.7 20.8 62.4
148 51.6 31.9 95.9

Manual Integrations
APPROVED

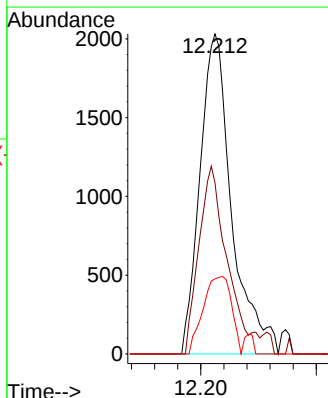
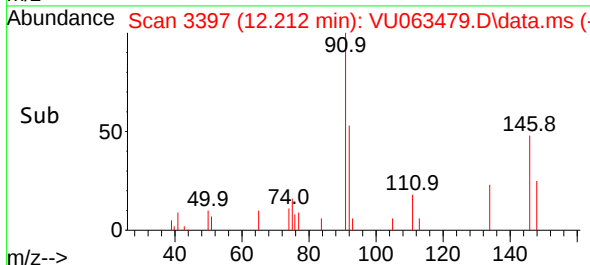
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

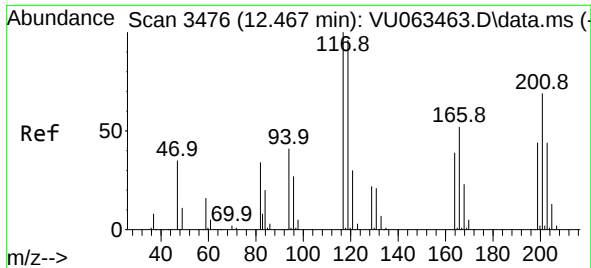


#89
n-Butylbenzene
Concen: 0.714 ug/l
RT: 12.212 min Scan# 3397
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



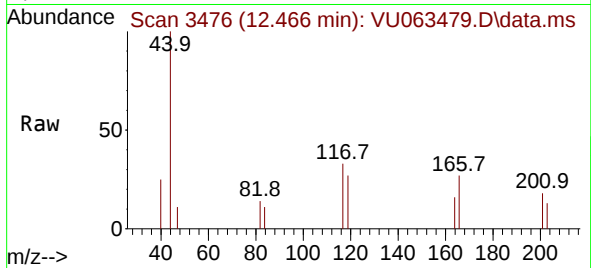
Tgt Ion: 91 Resp: 3879
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 21.6 12.4 37.0





#90
Hexachloroethane
Concen: 0.450 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

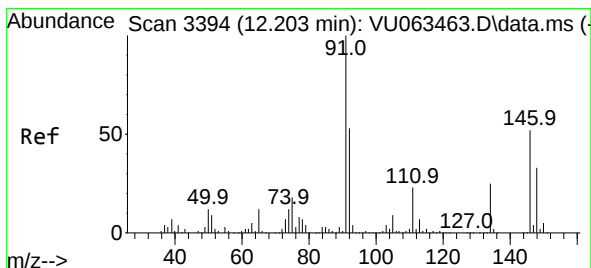
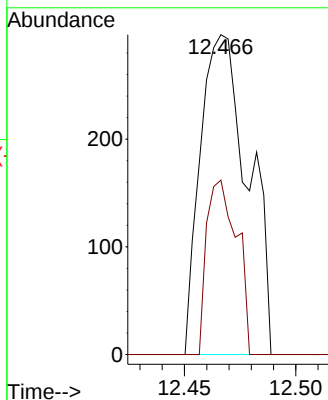
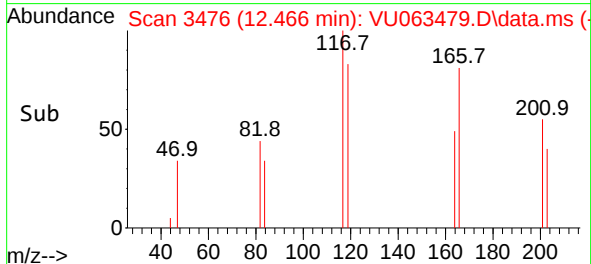
Instrument :
MSVOA_U
ClientSampleId :
MDL02



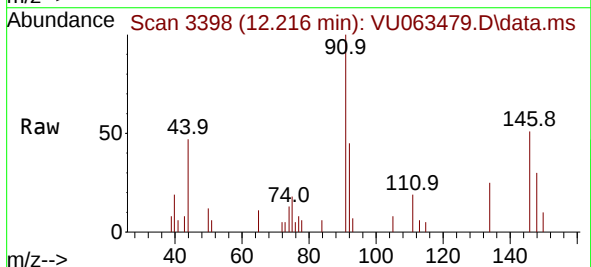
Tgt Ion:117 Resp: 442
Ion Ratio Lower Upper
117 100
201 34.4 34.4 103.2

Manual Integrations
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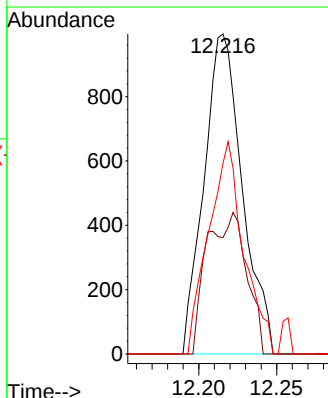
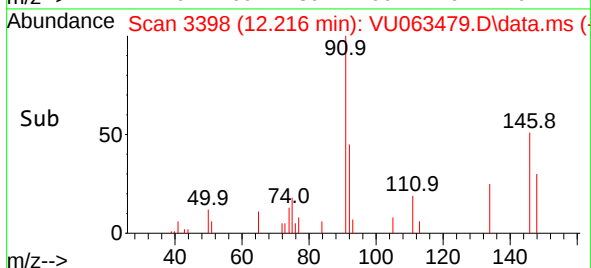
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

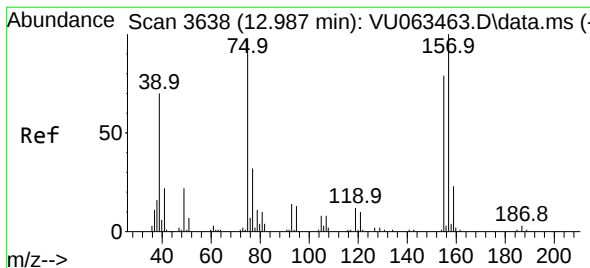


#91
1,2-Dichlorobenzene
Concen: 0.565 ug/l
RT: 12.216 min Scan# 3398
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



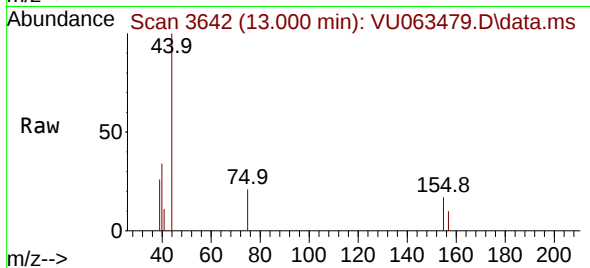
Tgt Ion:146 Resp: 1701
Ion Ratio Lower Upper
146 100
111 22.0 21.9 65.5
148 60.7 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.446 ug/l
RT: 13.000 min Scan# 30
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

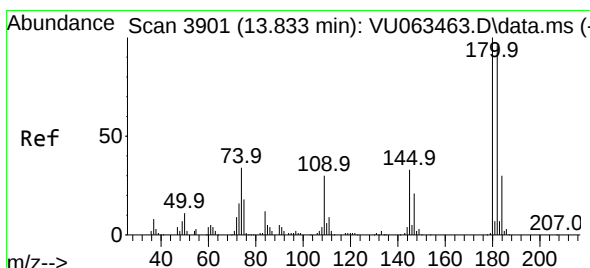
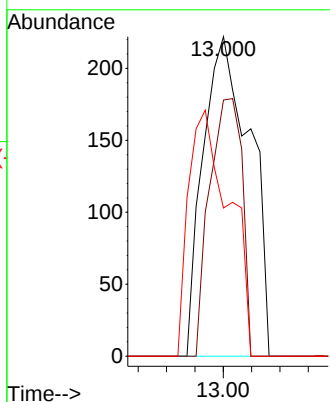
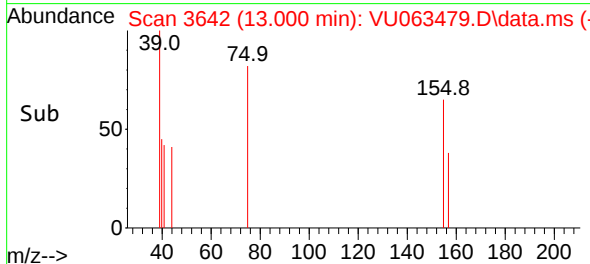
Instrument :
MSVOA_U
ClientSampleId :
MDL02



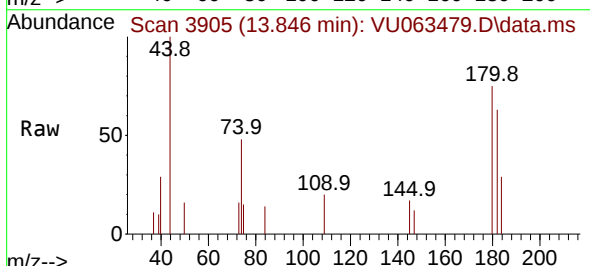
Tgt Ion: 75 Resp: 254
Ion Ratio Lower Upper
75 100
155 55.9 39.1 117.5
157 66.9 49.4 148.2

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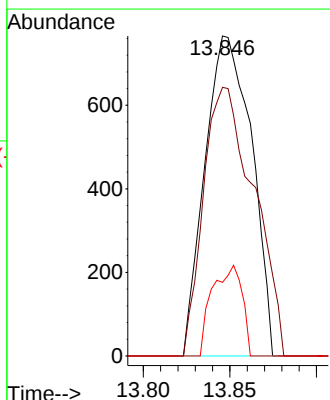
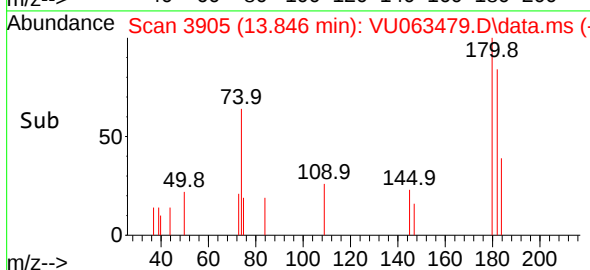
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

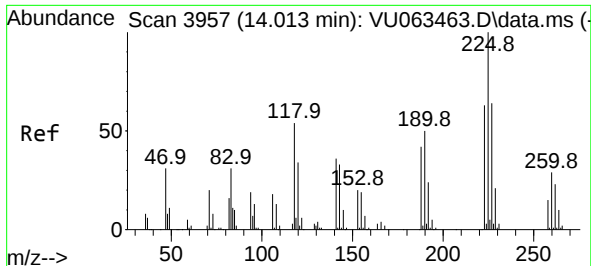


#93
1,2,4-Trichlorobenzene
Concen: 0.744 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37



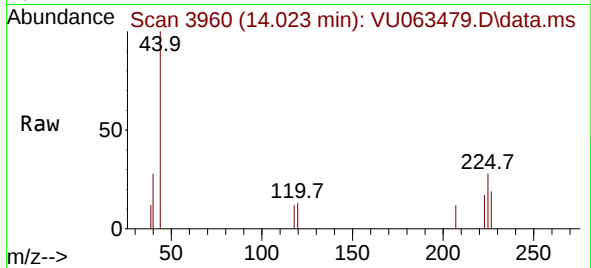
Tgt Ion:180 Resp: 1435
Ion Ratio Lower Upper
180 100
182 90.7 47.7 143.1
145 18.0 16.6 49.7





#94
Hexachlorobutadiene
Concen: 0.535 ug/l
RT: 14.023 min Scan# 3957
Delta R.T. 0.009 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

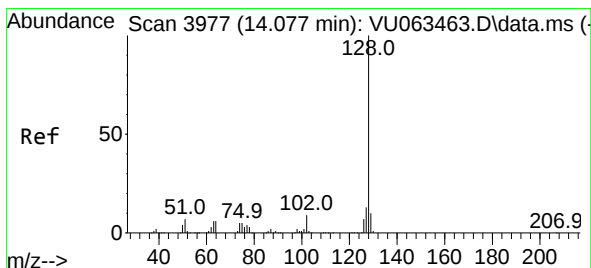
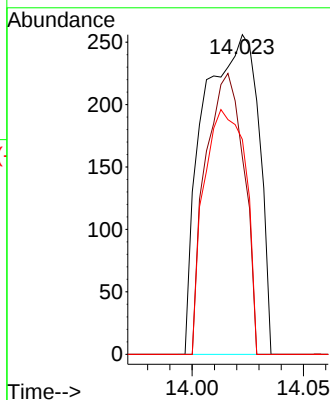
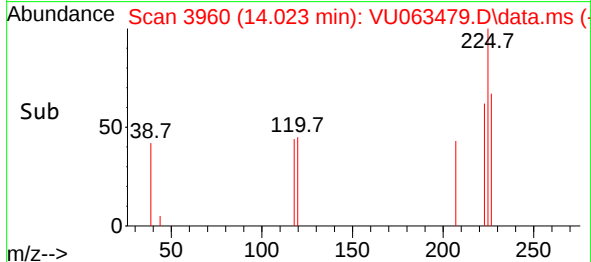
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion:225 Resp: 44.1
Ion Ratio Lower Upper
225 100
223 60.8 32.4 97.0
227 57.4 32.3 96.9

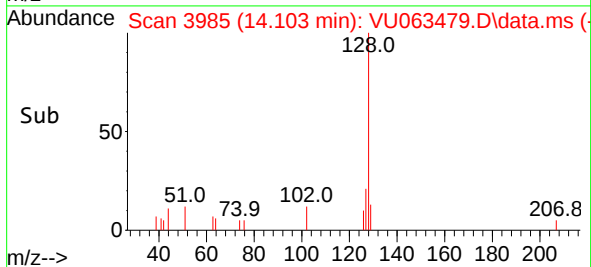
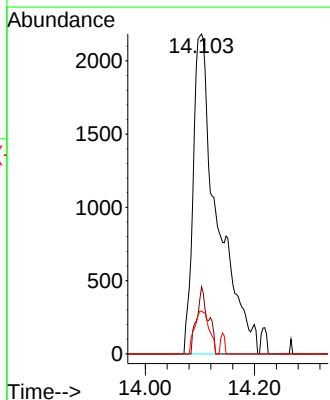
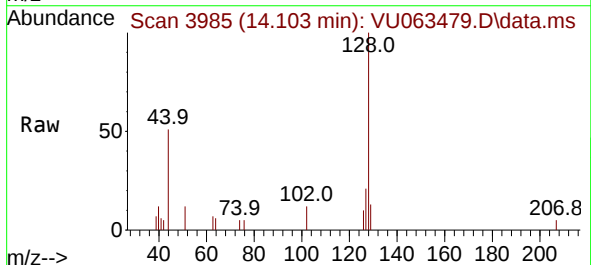
Manual Integrations
APPROVED

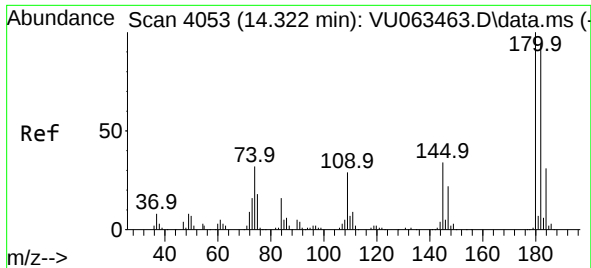
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#95
Naphthalene
Concen: 1.080 ug/l m
RT: 14.103 min Scan# 3985
Delta R.T. 0.025 min
Lab File: VU063479.D
Acq: 10 Jul 2025 14:37

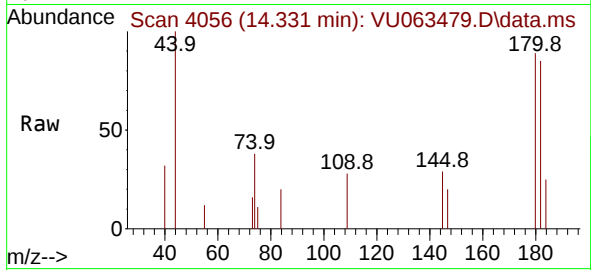
Tgt Ion:128 Resp: 6819
Ion Ratio Lower Upper
128 100
127 9.8 10.2 15.4#
129 8.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.686 ug/l
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.009 min
 Lab File: VU063479.D
 Acq: 10 Jul 2025 14:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02



Tgt Ion	Ratio	Lower	Upper
180	100		
182	108.0	47.8	143.3
145	33.6	17.2	51.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

