

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063490.D
 Acq On : 11 Jul 2025 12:01
 Operator : MD/SY
 Sample : MDL04
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 03:49:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	108768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	192777	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	179228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	90183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	76034	54.789	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.580%			
35) Dibromofluoromethane	5.274	113	58364	50.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	7.888	98	188595	49.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.580%			
62) 4-Bromofluorobenzene	10.624	95	82680	49.903	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	387	0.447	ug/l	91
3) Chloromethane	1.518	50	732	0.695	ug/l #	69
4) Vinyl Chloride	1.599	62	683	0.585	ug/l #	81
5) Bromomethane	1.846	94	923	1.128	ug/l	91
6) Chloroethane	1.920	64	583	0.689	ug/l #	74
7) Trichlorofluoromethane	2.123	101	1133	0.601	ug/l	91
8) Diethyl Ether	2.370	74	437	0.556	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.573	101	609	0.546	ug/l #	84
10) Methyl Iodide	2.708	142	885	0.760	ug/l #	89
11) Tert butyl alcohol	3.187	59	2086	4.483	ug/l #	82
12) 1,1-Dichloroethene	2.563	96	880	0.848	ug/l #	59
13) Acrolein	2.477	56	234m	3.563	ug/l	
14) Allyl chloride	2.911	41	1232	0.499	ug/l #	34
15) Acrylonitrile	3.303	53	3895	3.908	ug/l #	86
16) Acetone	2.621	43	4856	4.171	ug/l	98
17) Carbon Disulfide	2.776	76	2235	0.901	ug/l	99
18) Methyl Acetate	2.943	43	2361	0.788	ug/l	92
19) Methyl tert-butyl Ether	3.361	73	2378	0.531	ug/l #	86
20) Methylene Chloride	3.026	84	1518	0.894	ug/l #	95
21) trans-1,2-Dichloroethene	3.335	96	908	0.814	ug/l #	77
22) Diisopropyl ether	3.981	45	2409m	0.573	ug/l	
23) Vinyl Acetate	3.965	43	7685	2.355	ug/l	96
24) 1,1-Dichloroethane	3.856	63	1531m	0.641	ug/l	
25) 2-Butanone	4.747	43	6210m	4.752	ug/l	
26) 2,2-Dichloropropane	4.647	77	1071	0.516	ug/l #	68
27) cis-1,2-Dichloroethene	4.653	96	938m	0.637	ug/l	
28) Bromochloromethane	4.975	49	531m	0.474	ug/l	
29) Tetrahydrofuran	5.068	42	2533	3.073	ug/l #	63
30) Chloroform	5.081	83	1282	0.509	ug/l	100
31) Cyclohexane	5.361	56	3657	1.906	ug/l #	15
32) 1,1,1-Trichloroethane	5.300	97	890	0.415	ug/l #	46
36) 1,1-Dichloropropene	5.512	75	1040	0.659	ug/l #	74
37) Ethyl Acetate	4.878	43	1781m	0.696	ug/l	
38) Carbon Tetrachloride	5.496	117	1012m	0.582	ug/l	
39) Methylcyclohexane	6.747	83	1093	0.573	ug/l	91
40) Benzene	5.772	78	2574	0.522	ug/l #	86

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 Supervised By :Semsettin Yesilyurt 07/16/2025

Quant Time: Jul 12 03:49:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.013	41	580	0.481	ug/l #	38
42) 1,2-Dichloroethane	5.795	62	1028m	0.554	ug/l	
43) Isopropyl Acetate	5.936	43	1999m	0.589	ug/l	
44) Trichloroethene	6.538	130	526	0.399	ug/l	38
45) 1,2-Dichloropropane	6.779	63	530m	0.387	ug/l	
46) Dibromomethane	6.914	93	473	0.485	ug/l #	60
47) Bromodichloromethane	7.097	83	854	0.421	ug/l #	82
48) Methyl methacrylate	6.978	41	1336m	0.851	ug/l	
49) 1,4-Dioxane	6.981	88	561	16.285	ug/l #	77
51) 4-Methyl-2-Pentanone	7.795	43	8652	3.519	ug/l	100
52) Toluene	7.965	92	1567	0.486	ug/l	77
53) t-1,3-Dichloropropene	8.203	75	834	0.470	ug/l #	83
54) cis-1,3-Dichloropropene	7.602	75	770	0.388	ug/l #	56
55) 1,1,2-Trichloroethane	8.390	97	556	0.406	ug/l #	86
56) Ethyl methacrylate	8.341	69	953	0.431	ug/l #	49
57) 1,3-Dichloropropane	8.570	76	1175	0.520	ug/l	96
59) 2-Hexanone	8.692	43	6771	3.641	ug/l	98
60) Dibromochloromethane	8.798	129	550	0.358	ug/l	95
61) 1,2-Dibromoethane	8.927	107	659	0.490	ug/l	100
64) Tetrachloroethene	8.541	164	654	0.490	ug/l	96
65) Chlorobenzene	9.438	112	2069	0.555	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.521	131	555	0.434	ug/l #	58
67) Ethyl Benzene	9.563	91	3629	0.566	ug/l	99
68) m/p-Xylenes	9.685	106	2522	1.031	ug/l	89
69) o-Xylene	10.100	106	1232	0.495	ug/l	86
70) Styrene	10.116	104	1799	0.455	ug/l #	85
71) Bromoform	10.287	173	520	0.467	ug/l #	70
73) Isopropylbenzene	10.476	105	3469	0.565	ug/l	93
74) N-amyl acetate	10.332	43	2047	0.744	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	10.772	83	1170	0.518	ug/l #	96
76) 1,2,3-Trichloropropane	10.817	75	1645	0.688	ug/l #	81
77) Bromobenzene	10.779	156	903	0.600	ug/l	78
78) n-propylbenzene	10.901	91	4787	0.673	ug/l	98
79) 2-Chlorotoluene	10.981	91	2889	0.647	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	3238	0.603	ug/l	88
81) trans-1,4-Dichloro-2-b...	10.550	75	216m	0.451	ug/l	
82) 4-Chlorotoluene	11.100	91	4011	0.792	ug/l	95
83) tert-Butylbenzene	11.412	119	3143	0.611	ug/l	97
84) 1,2,4-Trimethylbenzene	11.463	105	3549	0.673	ug/l	90
85) sec-Butylbenzene	11.634	105	3896	0.574	ug/l	99
86) p-Isopropyltoluene	11.785	119	3560	0.646	ug/l	84
87) 1,3-Dichlorobenzene	11.750	146	2125	0.733	ug/l	92
88) 1,4-Dichlorobenzene	11.823	146	2414m	0.817	ug/l	
89) n-Butylbenzene	12.206	91	5253	1.030	ug/l	93
90) Hexachloroethane	12.467	117	326	0.354	ug/l	90
91) 1,2-Dichlorobenzene	12.209	146	1966	0.696	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	13.007	75	249	0.465	ug/l #	31
93) 1,2,4-Trichlorobenzene	13.849	180	2185	1.207	ug/l	93
94) Hexachlorobutadiene	14.010	225	622	0.804	ug/l	84
95) Naphthalene	14.097	128	9906	1.671	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.325	180	2042	1.148	ug/l #	82

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

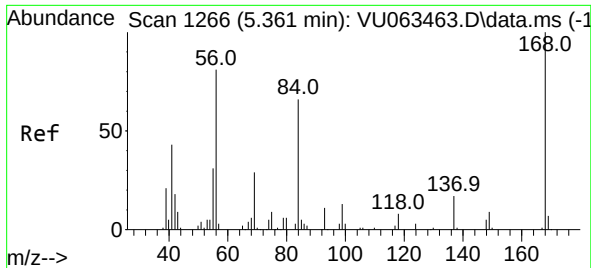
Manual Integrations
APPROVED

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

Quant Time: Jul 12 03:49:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

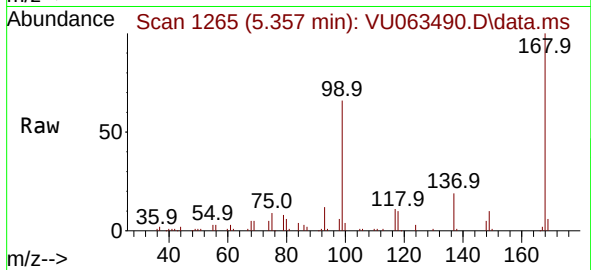
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

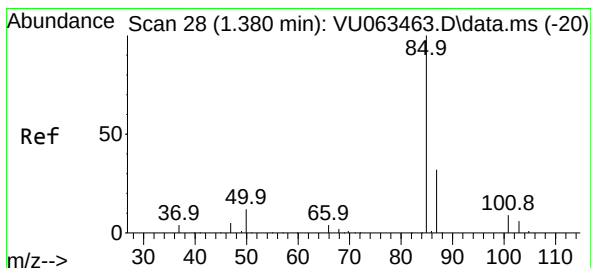
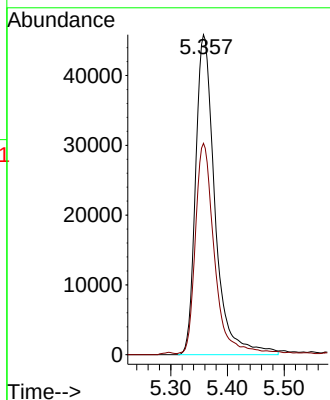
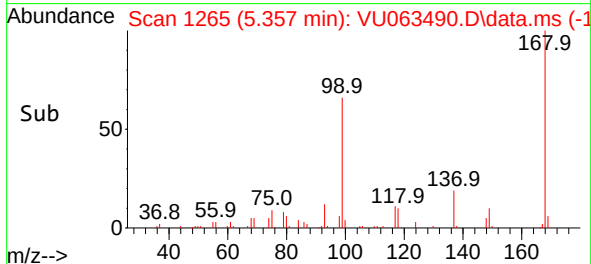
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion:168 Resp: 108768
Ion Ratio Lower Upper
168 100
99 65.6 47.7 71.5

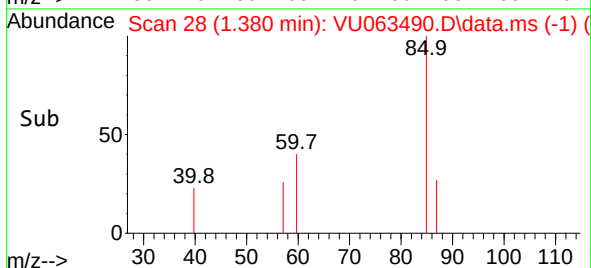
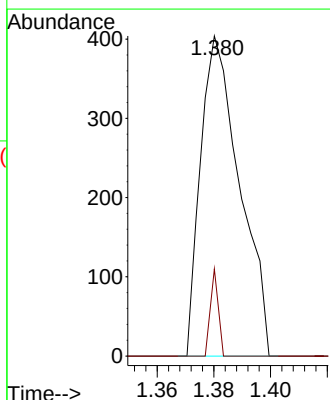
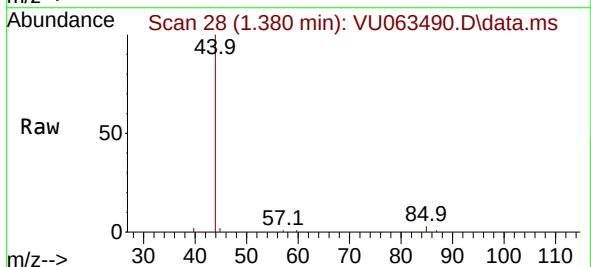
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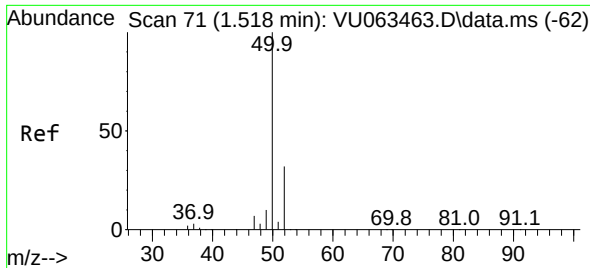
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#2
Dichlorodifluoromethane
Concen: 0.447 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

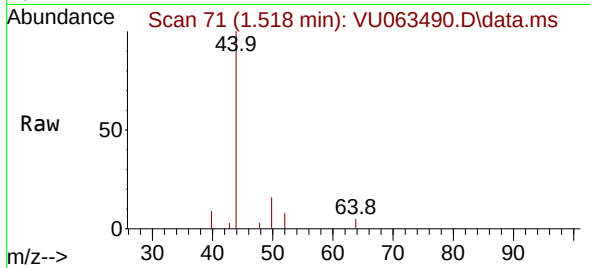
Tgt Ion: 85 Resp: 387
Ion Ratio Lower Upper
85 100
87 27.2 16.1 48.2





#3
Chloromethane
Concen: 0.695 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

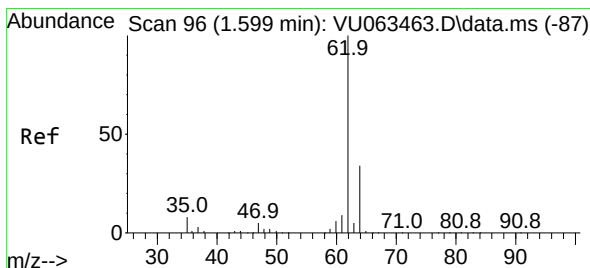
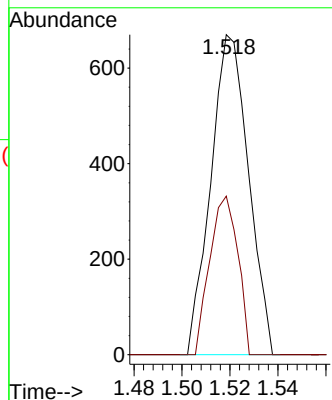
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 50 Resp: 732
Ion Ratio Lower Upper
50 100
52 49.6 25.8 38.8

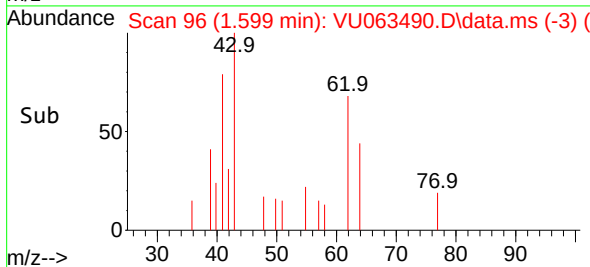
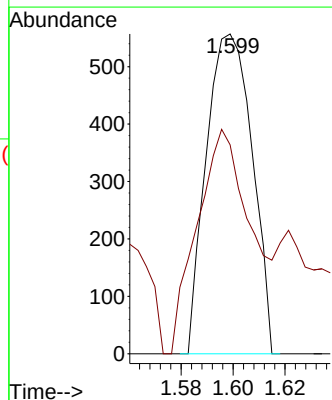
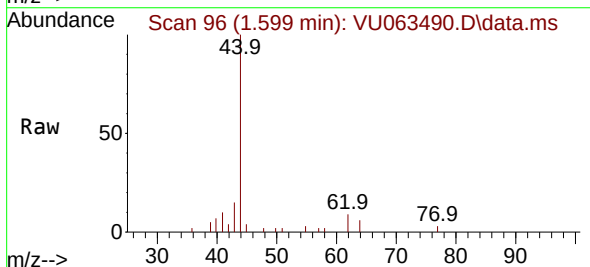
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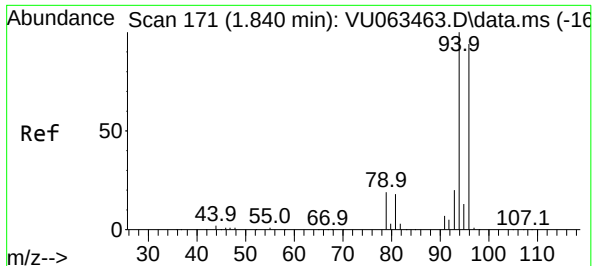
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#4
Vinyl Chloride
Concen: 0.585 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 62 Resp: 683
Ion Ratio Lower Upper
62 100
64 44.5 26.9 40.3





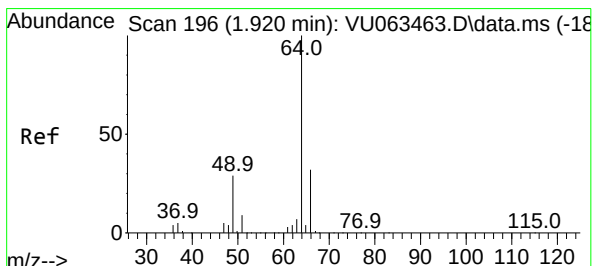
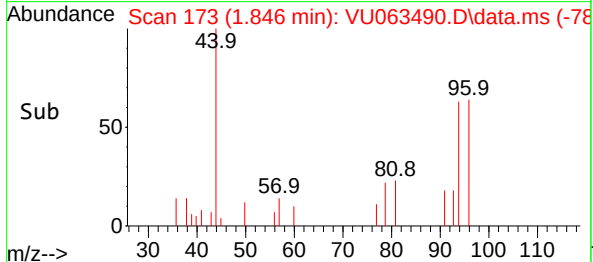
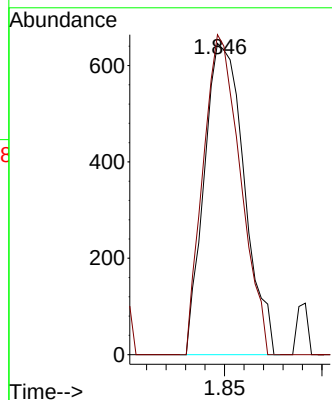
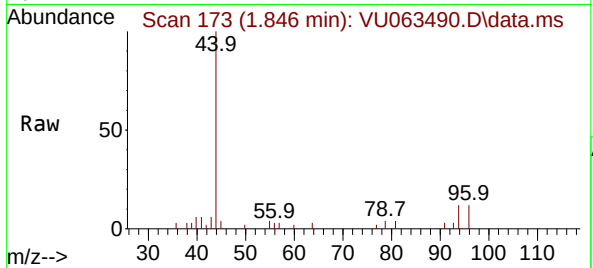
#5
Bromomethane
Concen: 1.128 ug/l
RT: 1.846 min Scan# 173
Delta R.T. 0.006 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 94 Resp: 92.1
Ion Ratio Lower Upper
94 100
96 102.8 75.5 113.3

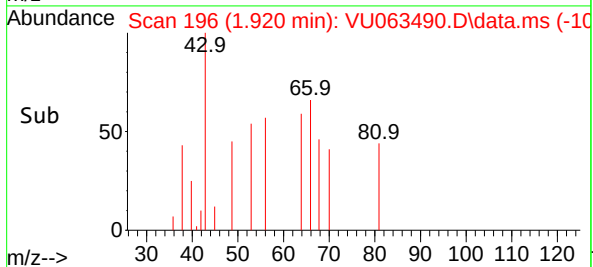
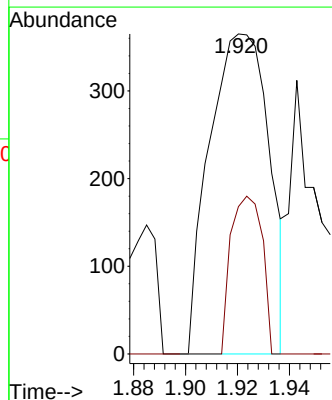
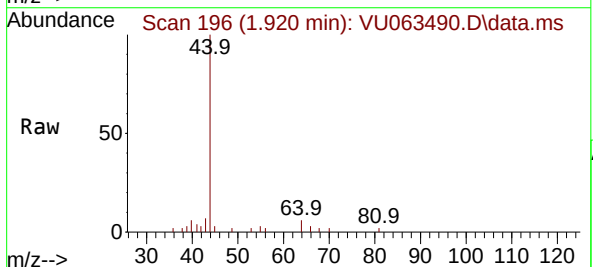
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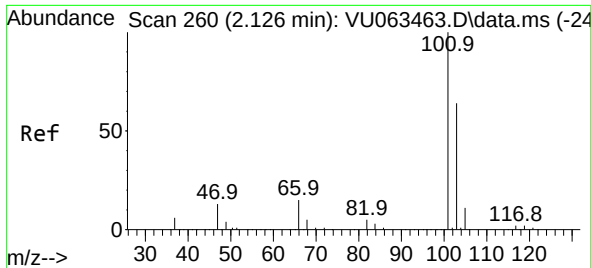
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#6
Chloroethane
Concen: 0.689 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 64 Resp: 583
Ion Ratio Lower Upper
64 100
66 46.0 25.3 37.9#





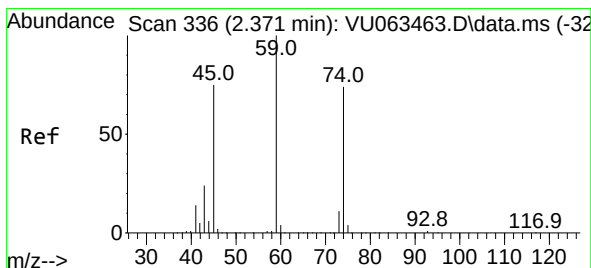
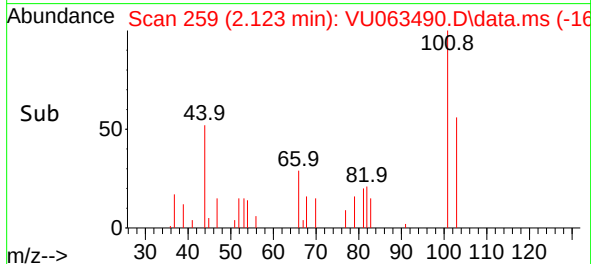
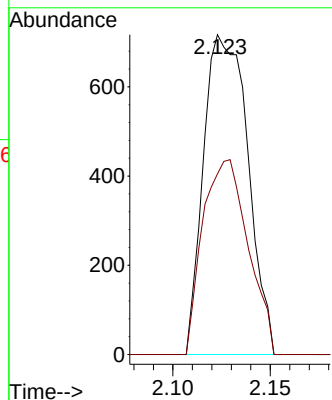
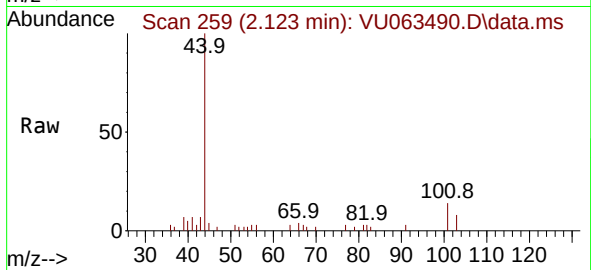
#7
Trichlorofluoromethane
Concen: 0.601 ug/l
RT: 2.123 min Scan# 213
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 113
Ion Ratio Lower Upper
101 100
103 56.5 51.1 76.7

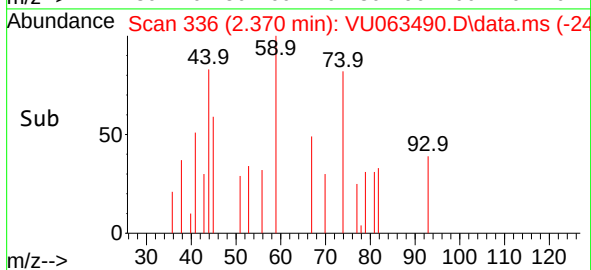
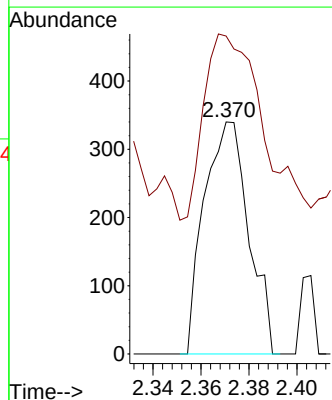
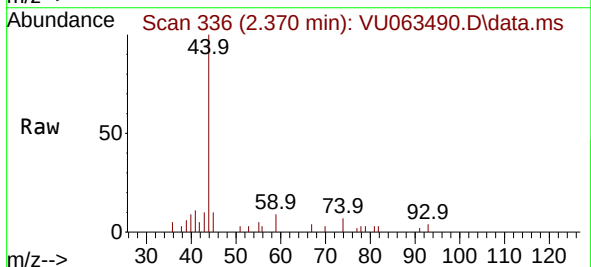
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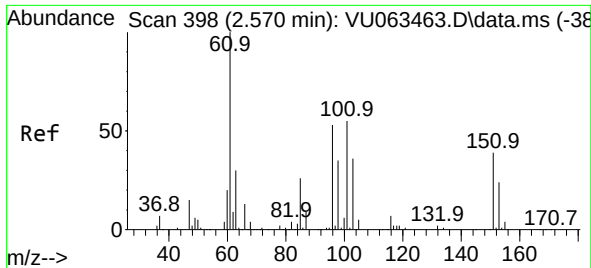
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#8
Diethyl Ether
Concen: 0.556 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 74 Resp: 437
Ion Ratio Lower Upper
74 100
45 105.5 49.7 149.1





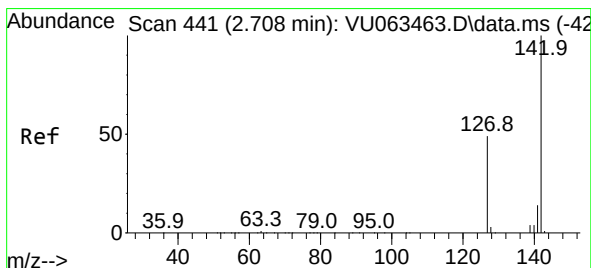
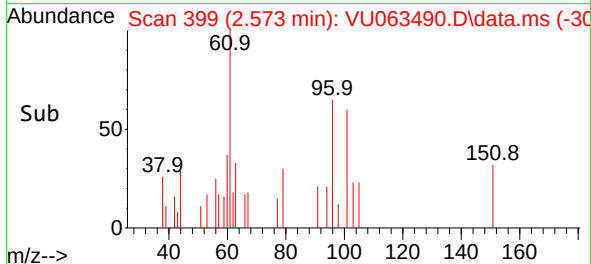
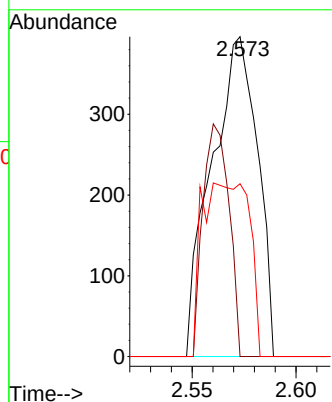
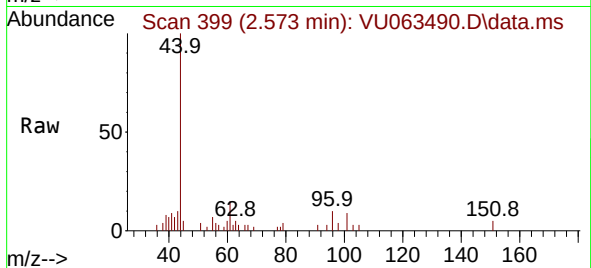
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.546 ug/l
RT: 2.573 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 609
Ion Ratio Lower Upper
101 100
85 41.2 39.6 59.4
151 56.2 57.2 85.8

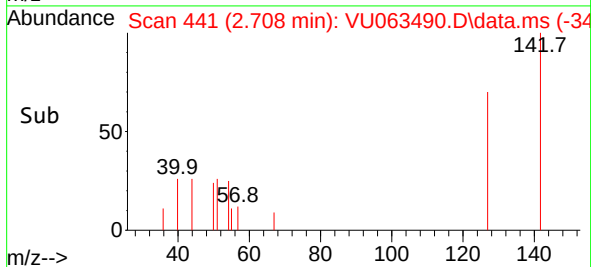
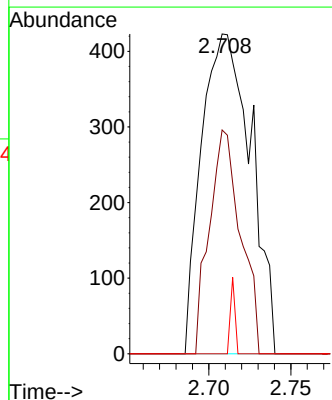
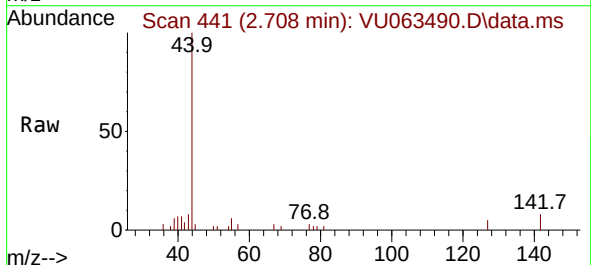
Manual Integrations
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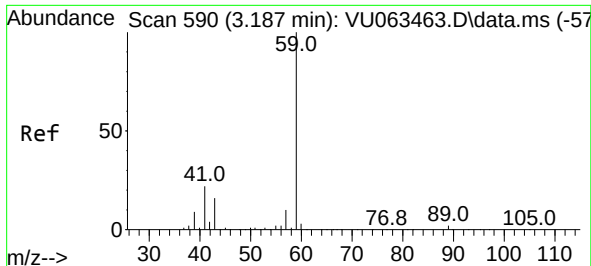
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#10
Methyl Iodide
Concen: 0.760 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

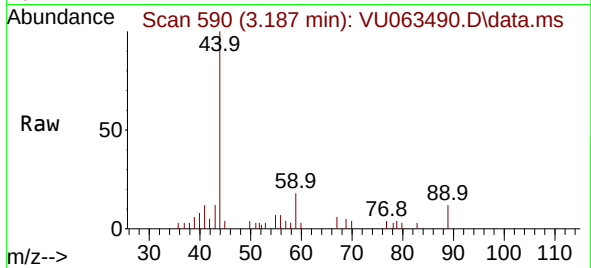
Tgt Ion:142 Resp: 885
Ion Ratio Lower Upper
142 100
127 44.3 38.2 57.4
141 2.1 11.1 16.7#





#11
Tert butyl alcohol
Concen: 4.483 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

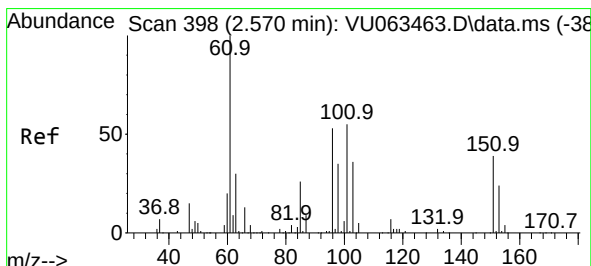
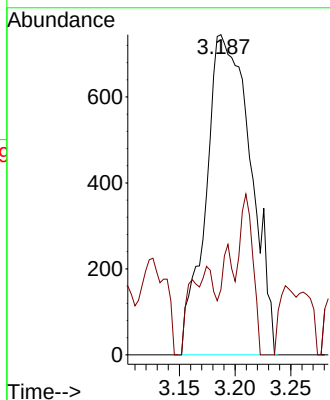
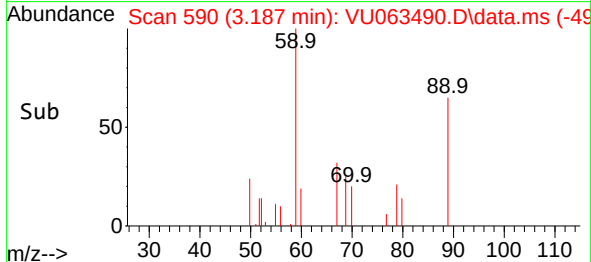
Instrument :
MSVOA_U
ClientSampleId :
MDL04



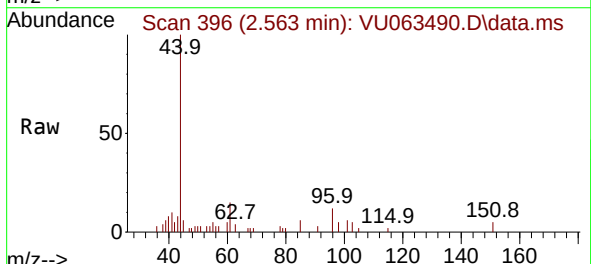
Tgt Ion: 59 Resp: 2080
Ion Ratio Lower Upper
59 100
57 4.3 8.8 13.2

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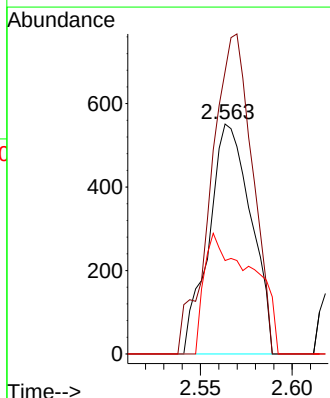
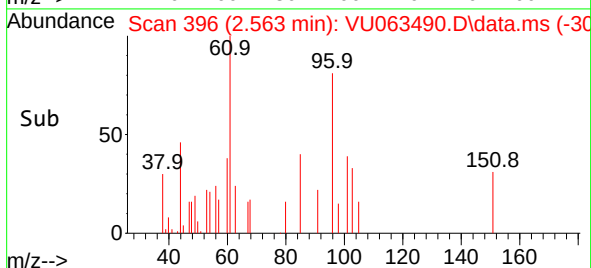
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

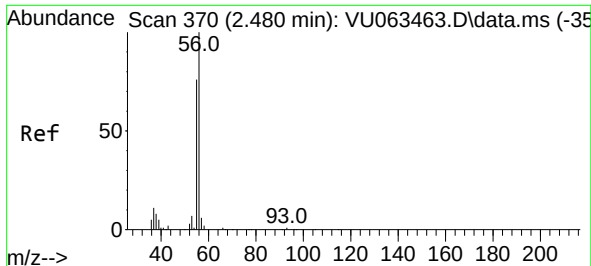


#12
1,1-Dichloroethene
Concen: 0.848 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



Tgt Ion: 96 Resp: 880
Ion Ratio Lower Upper
96 100
61 122.9 149.6 224.4#
98 40.7 52.0 78.0#





#13

Acrolein

Concen: 3.563 ug/l m

RT: 2.477 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

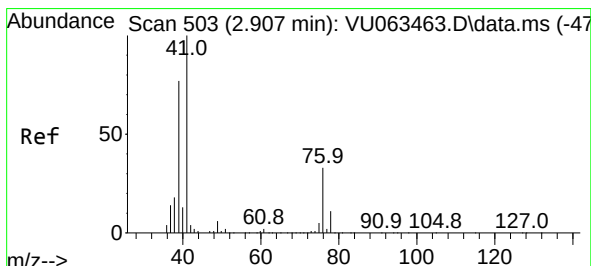
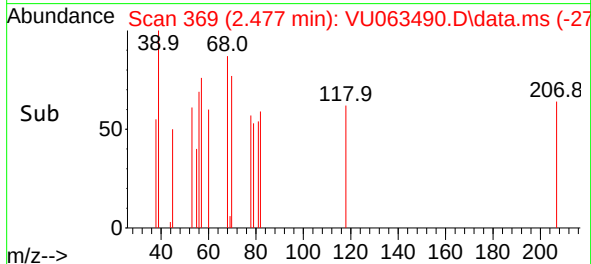
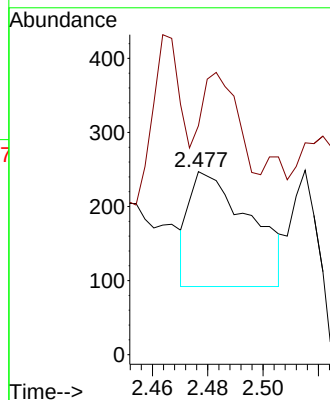
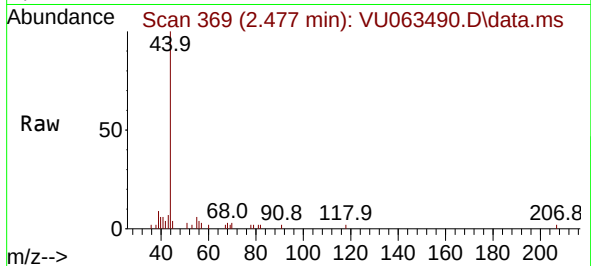
55 0.0 60.2 90.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#14

Allyl chloride

Concen: 0.499 ug/l

RT: 2.911 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

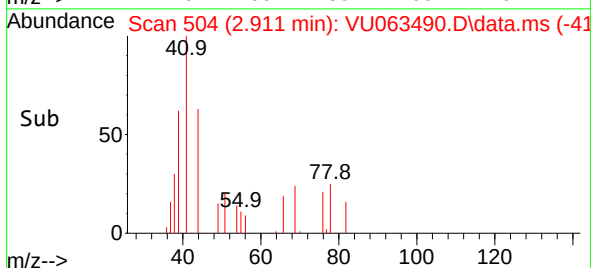
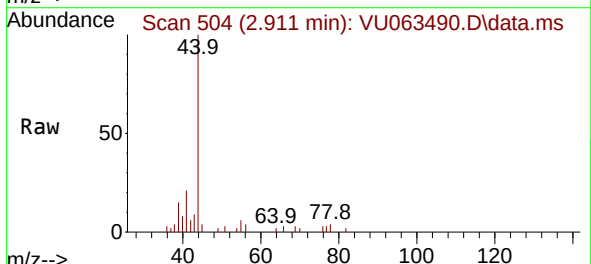
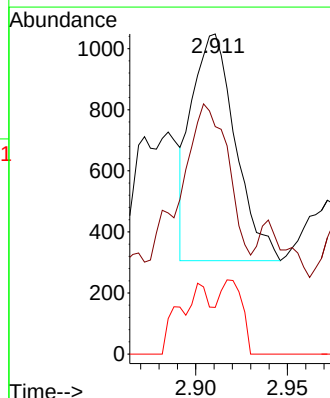
Tgt Ion: 41 Resp: 1232

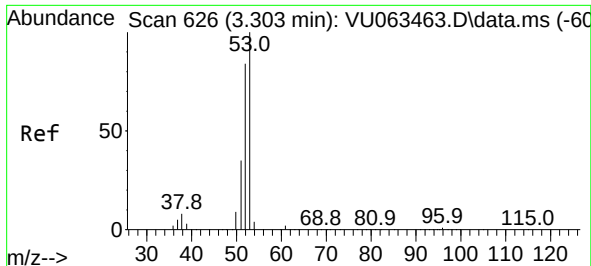
Ion Ratio Lower Upper

41 100

39 0.0 53.9 80.9#

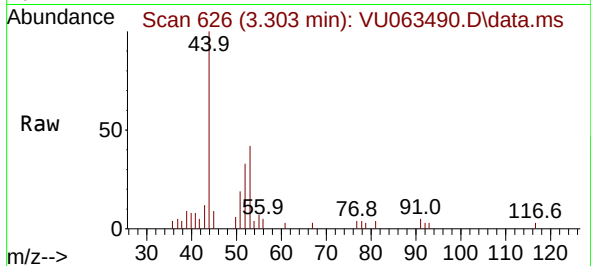
76 16.2 23.1 34.7#





#15
Acrylonitrile
Concen: 3.908 ug/l
RT: 3.303 min Scan# 614
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

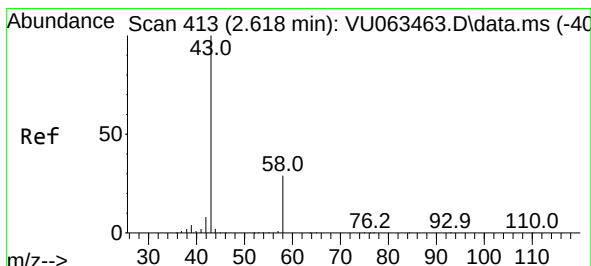
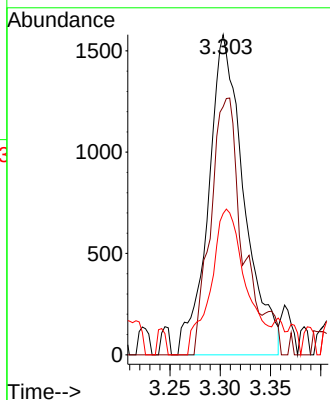
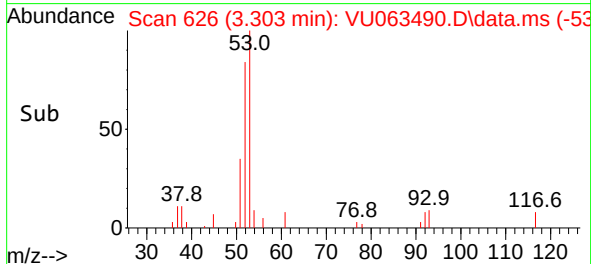
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 53 Resp: 389
Ion Ratio Lower Upper
53 100
52 69.1 65.0 97.4
51 45.4 28.8 43.2

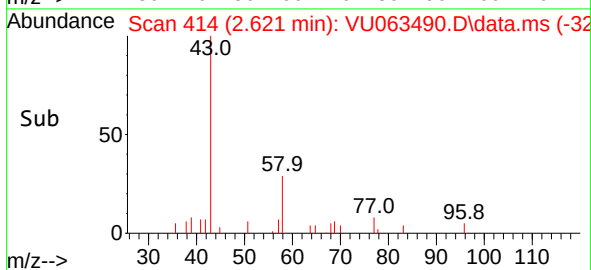
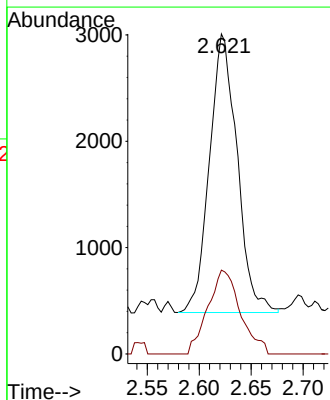
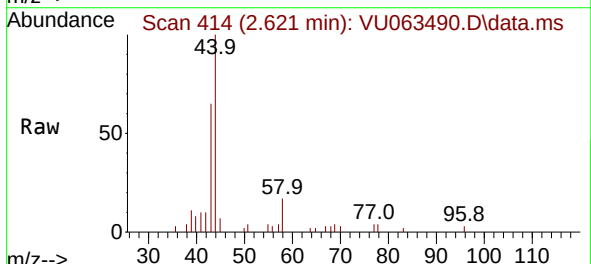
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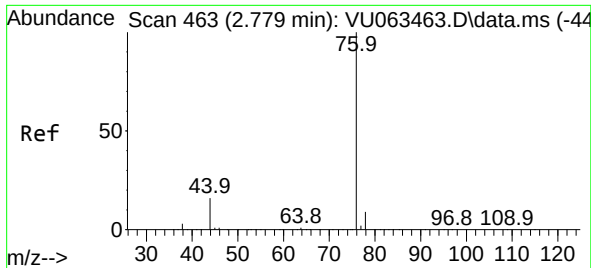
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#16
Acetone
Concen: 4.171 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

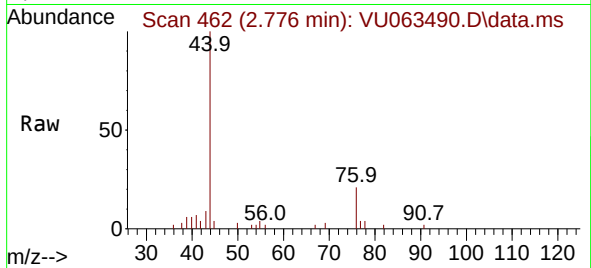
Tgt Ion: 43 Resp: 4856
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7





#17
Carbon Disulfide
Concen: 0.901 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

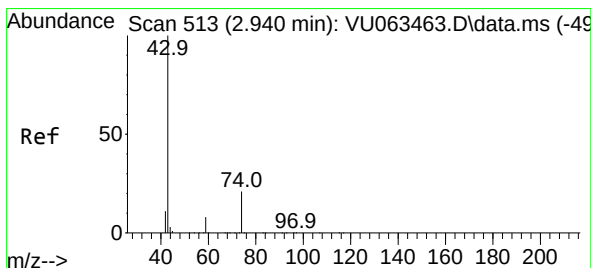
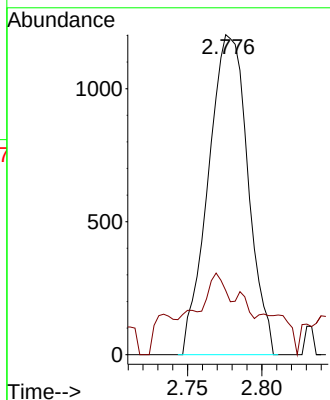
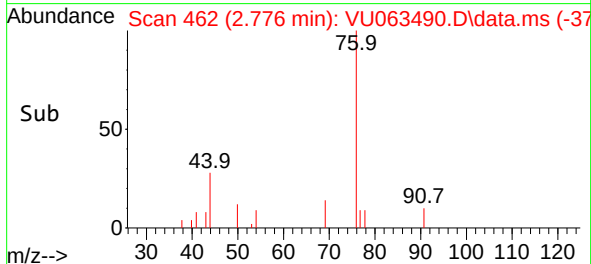
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 76 Resp: 2238
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

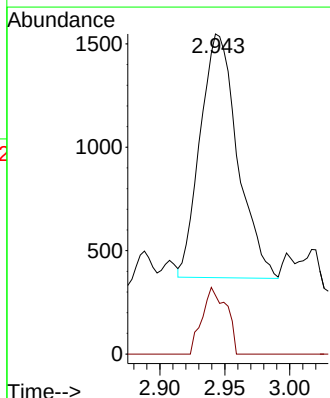
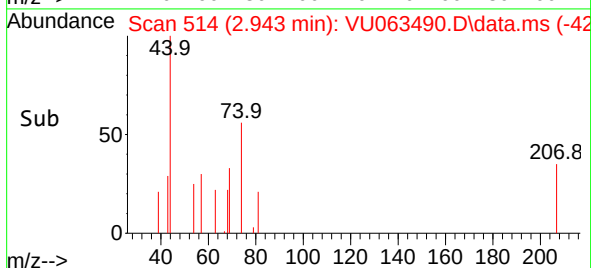
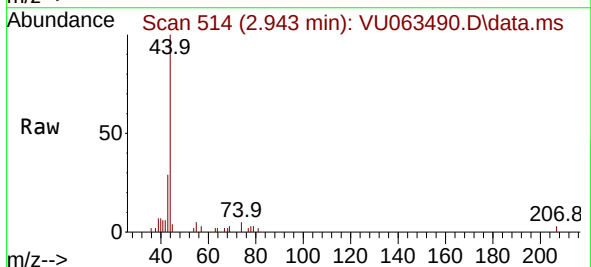
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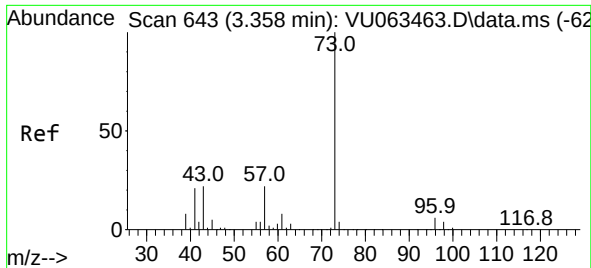
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#18
Methyl Acetate
Concen: 0.788 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
74 17.7 17.3 25.9





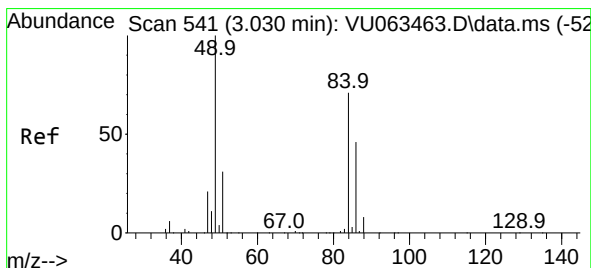
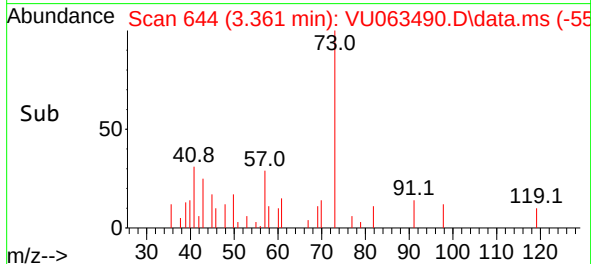
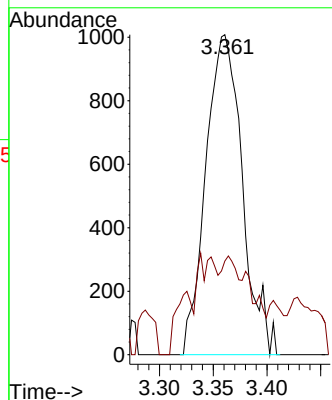
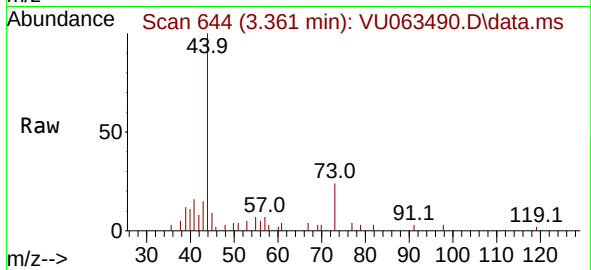
#19
Methyl tert-butyl Ether
Concen: 0.531 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 2378
Ion Ratio Lower Upper
73 100
57 15.4 17.8 26.6

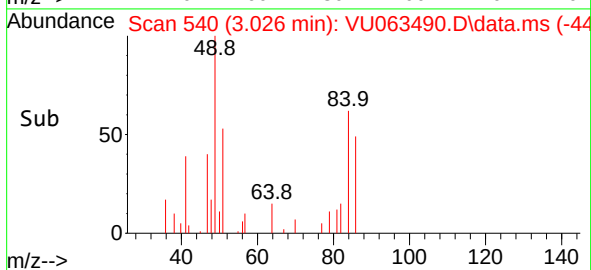
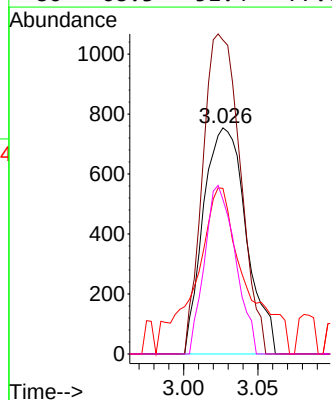
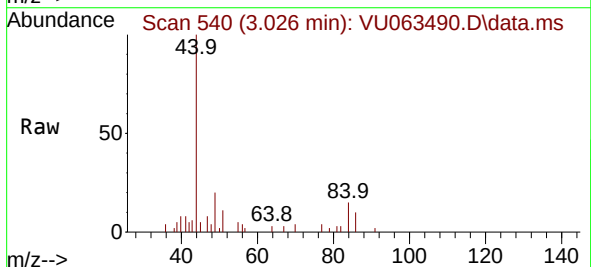
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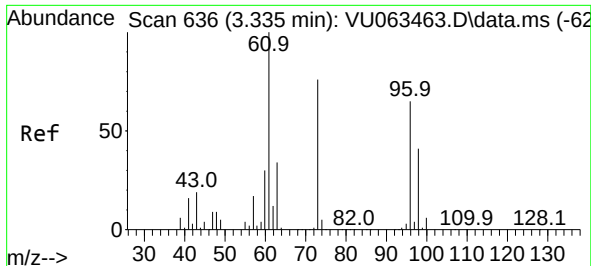
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#20
Methylene Chloride
Concen: 0.894 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

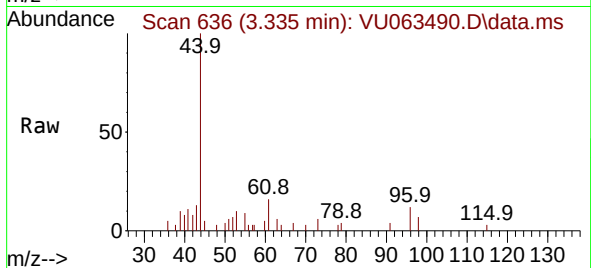
Tgt Ion: 84 Resp: 1518
Ion Ratio Lower Upper
84 100
49 138.9 112.1 168.1
51 55.8 34.4 51.6#
86 68.3 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 0.814 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

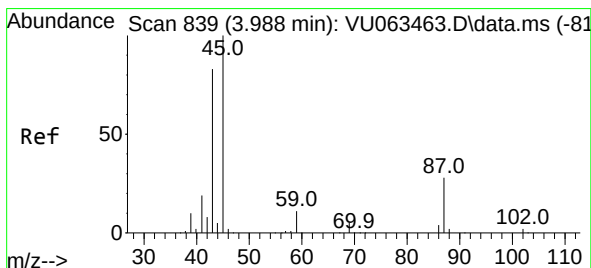
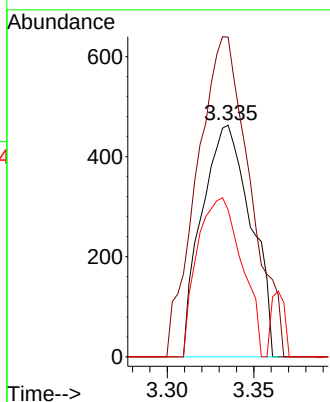
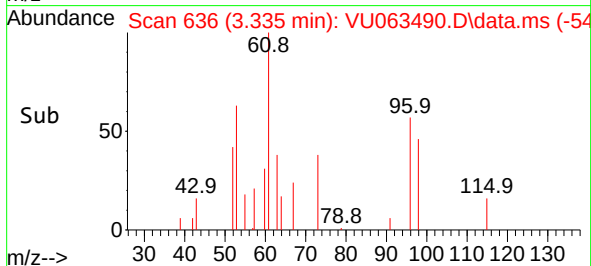
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 96 Resp: 908
Ion Ratio Lower Upper
96 100
61 111.2 122.2 183.4#
98 63.5 49.9 74.9

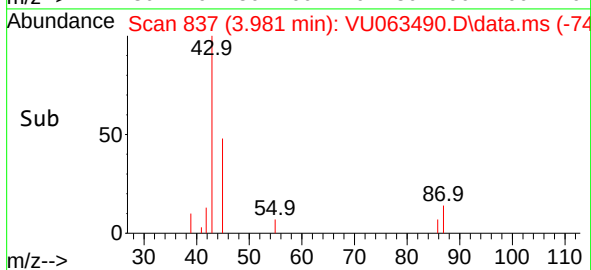
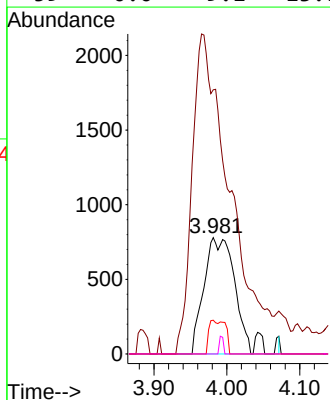
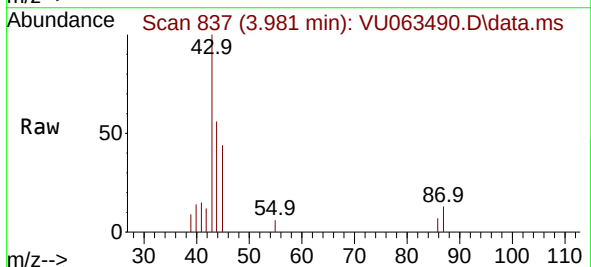
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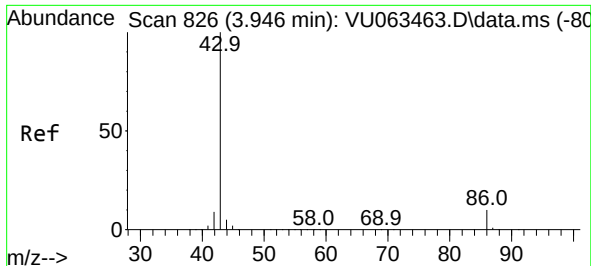
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#22
Diisopropyl ether
Concen: 0.573 ug/l m
RT: 3.981 min Scan# 837
Delta R.T. -0.006 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 45 Resp: 2409
Ion Ratio Lower Upper
45 100
43 226.9 66.5 99.7#
87 29.1 22.6 33.8
59 0.0 9.1 13.7#





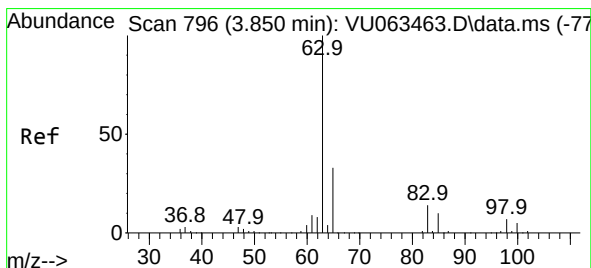
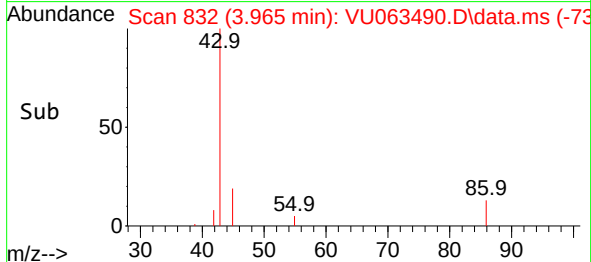
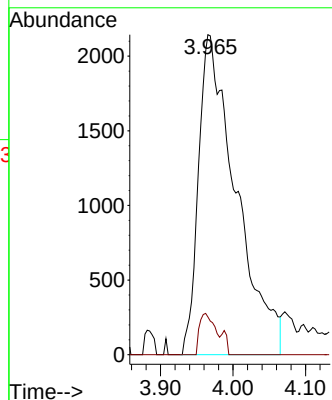
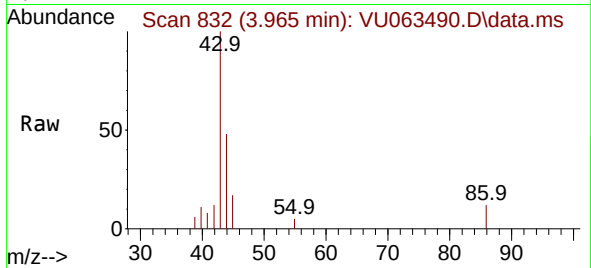
#23
 Vinyl Acetate
 Concen: 2.355 ug/l
 RT: 3.965 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VU063490.D
 Acq: 11 Jul 2025 12:01

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Tgt Ion: 43 Resp: 768
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.2 12.2

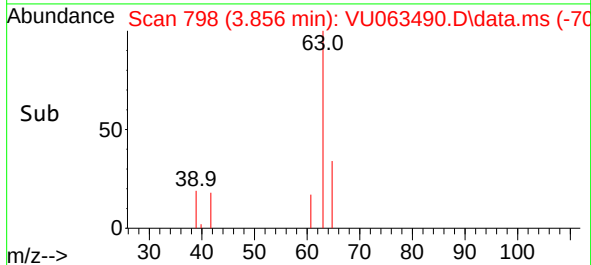
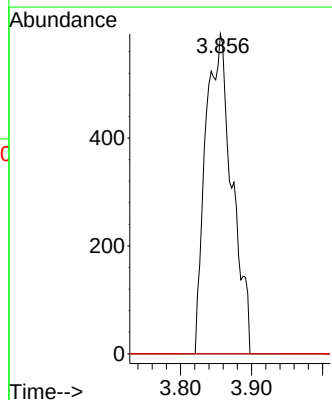
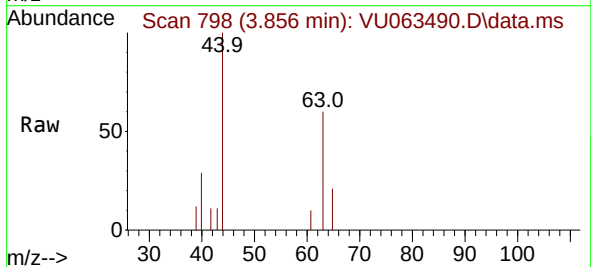
Manual Integrations
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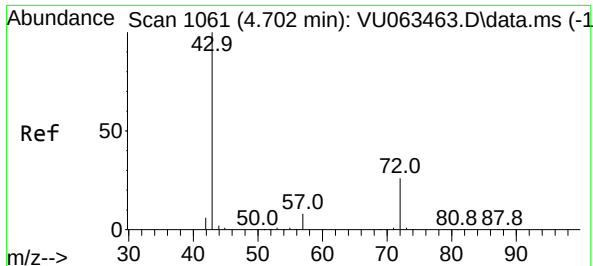
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#24
 1,1-Dichloroethane
 Concen: 0.641 ug/l m
 RT: 3.856 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VU063490.D
 Acq: 11 Jul 2025 12:01

Tgt Ion: 63 Resp: 1531
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 4.752 ug/l m

RT: 4.747 min Scan# 1075

Delta R.T. 0.045 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 43 Resp: 6210

Ion Ratio Lower Upper

43 100

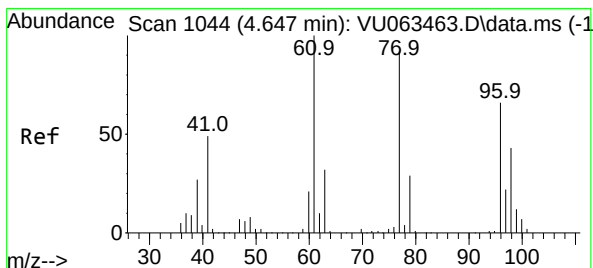
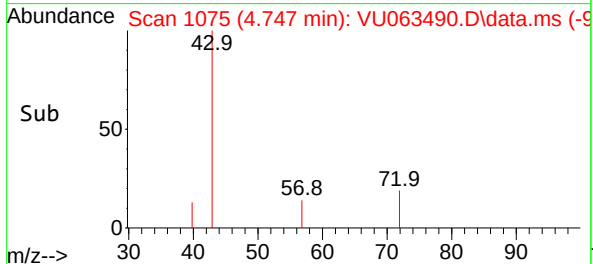
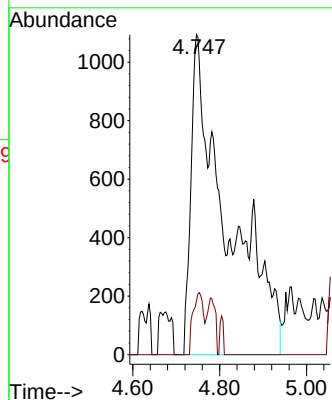
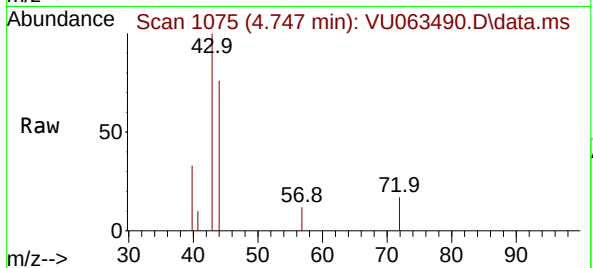
72 16.8 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#26

2,2-Dichloropropane

Concen: 0.516 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063490.D

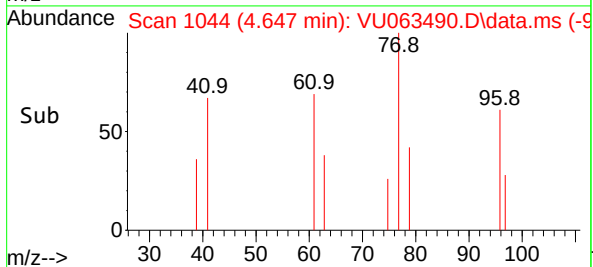
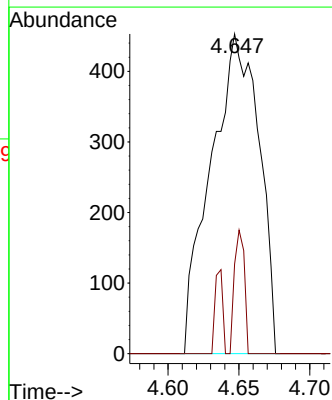
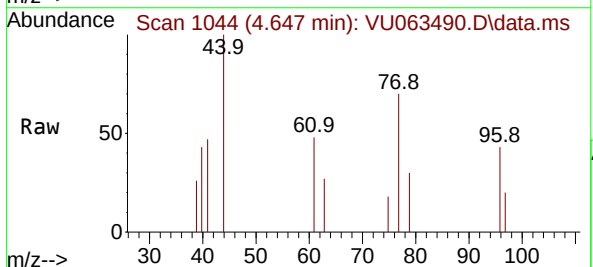
Acq: 11 Jul 2025 12:01

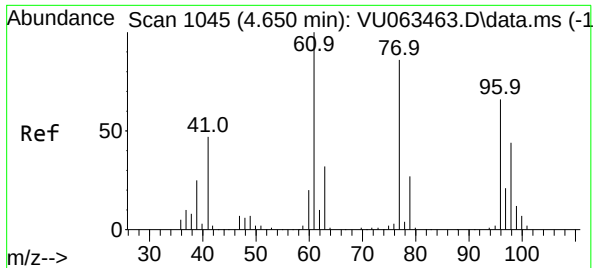
Tgt Ion: 77 Resp: 1071

Ion Ratio Lower Upper

77 100

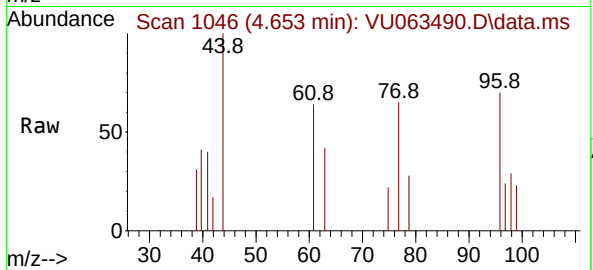
97 8.0 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.637 ug/l m
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU063490.D
 Acq: 11 Jul 2025 12:01

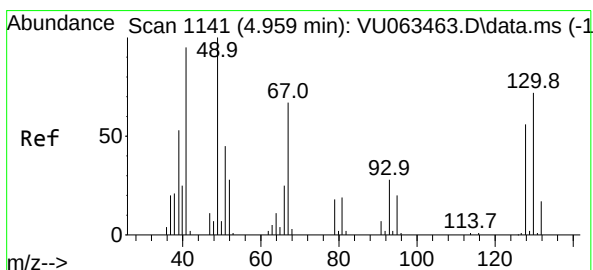
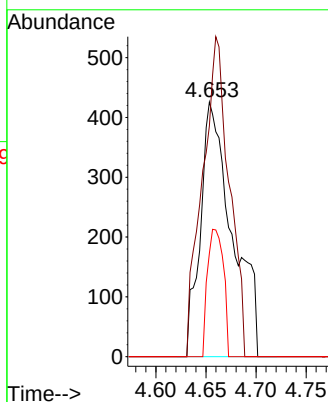
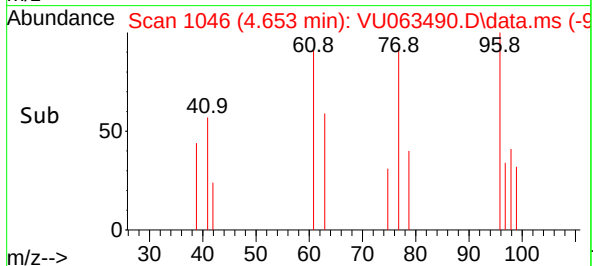
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion: 96 Resp: 938
 Ion Ratio Lower Upper
 96 100
 61 106.3 0.0 307.2
 98 25.1 0.0 133.0

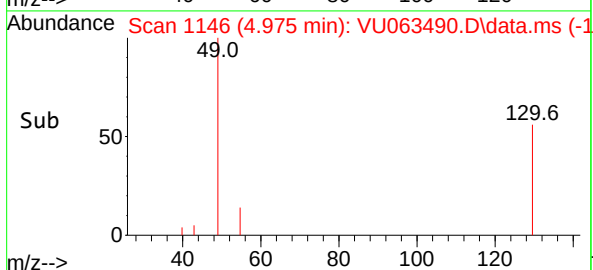
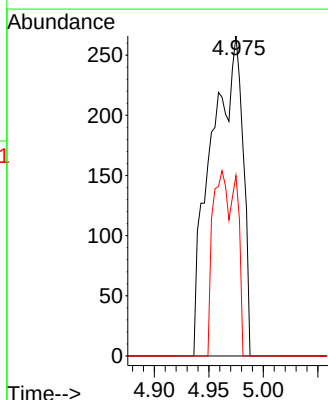
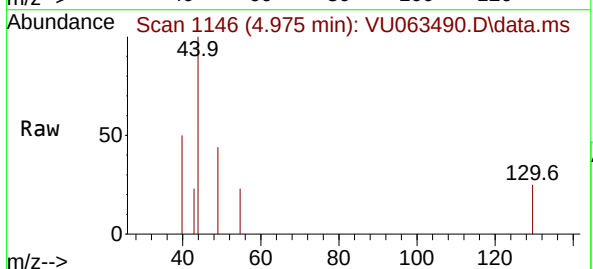
Manual Integrations
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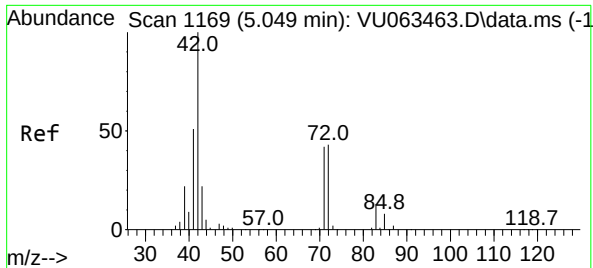
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#28
 Bromochloromethane
 Concen: 0.474 ug/l m
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.016 min
 Lab File: VU063490.D
 Acq: 11 Jul 2025 12:01

Tgt Ion: 49 Resp: 531
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 29.2 59.0 88.4#





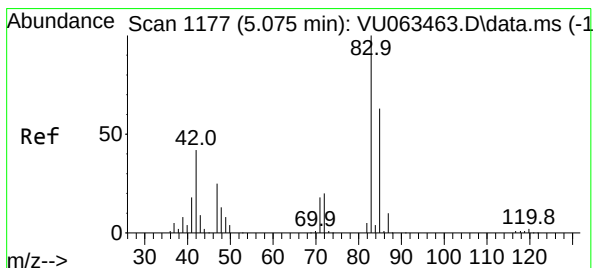
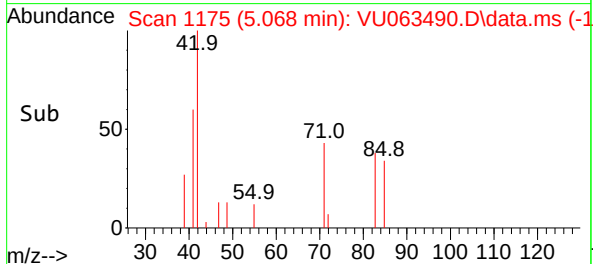
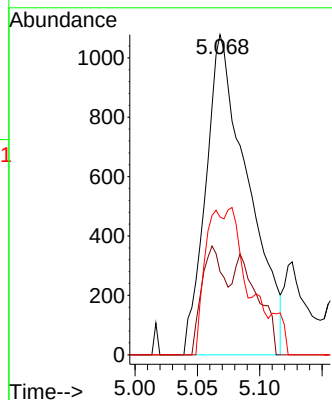
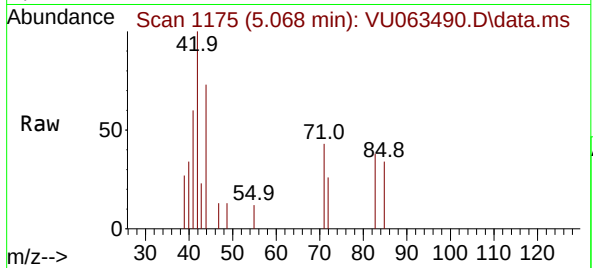
#29
Tetrahydrofuran
Concen: 3.073 ug/l
RT: 5.068 min Scan# 1175
Delta R.T. 0.019 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 42 Resp: 253
Ion Ratio Lower Upper
42 100
72 18.2 36.2 54.4
71 21.2 33.3 49.9

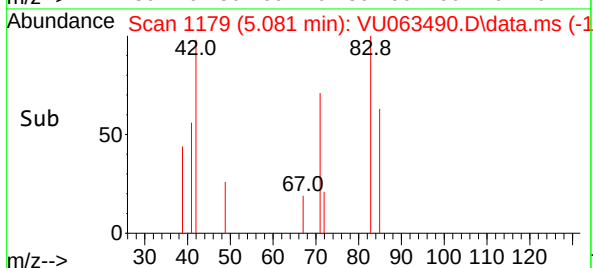
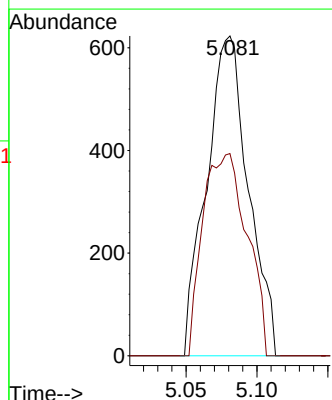
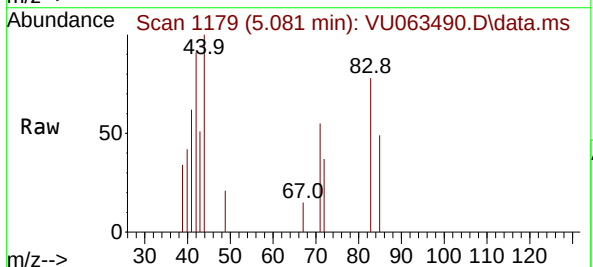
Manual Integrations
APPROVED

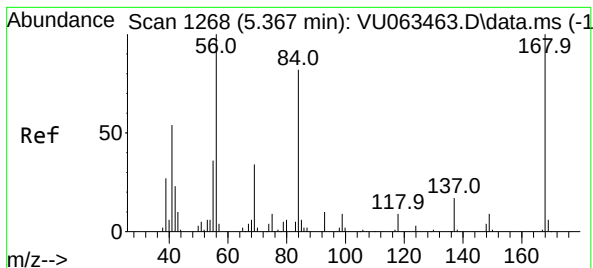
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#30
Chloroform
Concen: 0.509 ug/l
RT: 5.081 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 83 Resp: 1282
Ion Ratio Lower Upper
83 100
85 63.2 50.7 76.1





#31

Cyclohexane

Concen: 1.906 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.006 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

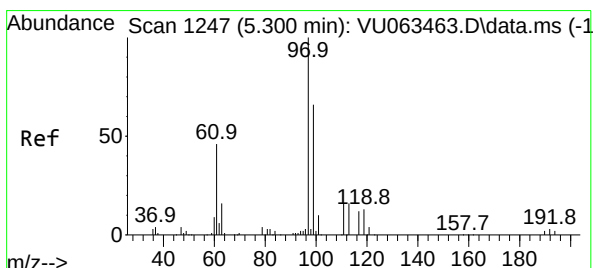
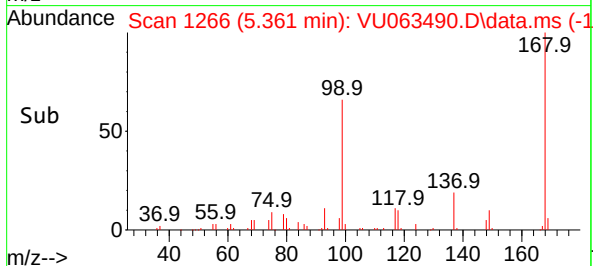
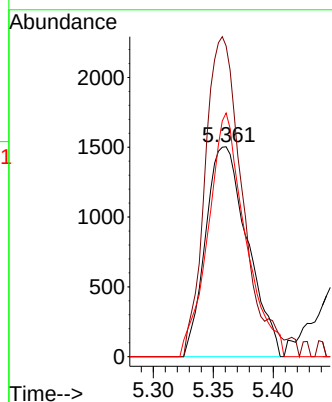
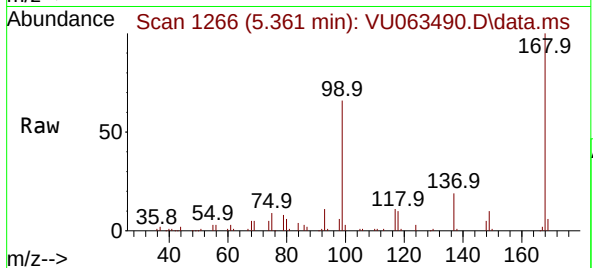
MDL04

Tgt Ion:	56	Resp:	365
Ion Ratio	Lower	Upper	
56	100		
69	148.0	27.0	40.4
84	116.0	65.7	98.5

Manual Integrations

APPROVED

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



#32

1,1,1-Trichloroethane

Concen: 0.415 ug/l

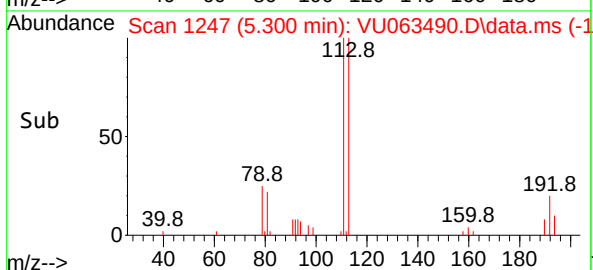
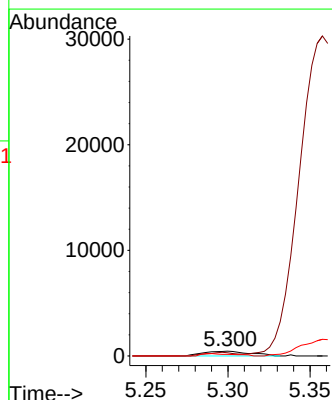
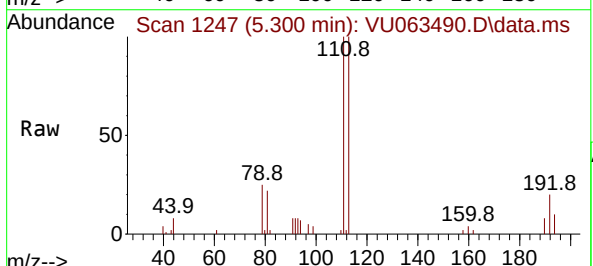
RT: 5.300 min Scan# 1247

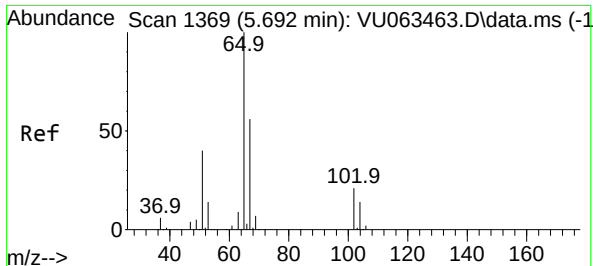
Delta R.T. -0.000 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Tgt Ion:	97	Resp:	890
Ion Ratio	Lower	Upper	
97	100		
99	0.0	50.4	75.6
61	34.3	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 54.789 ug/l

RT: 5.689 min Scan# 1368

Delta R.T. -0.003 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 65 Resp: 76034

Ion Ratio Lower Upper

65 100

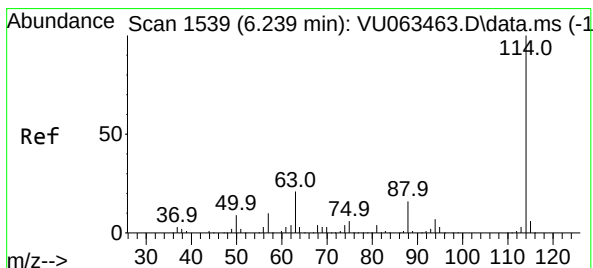
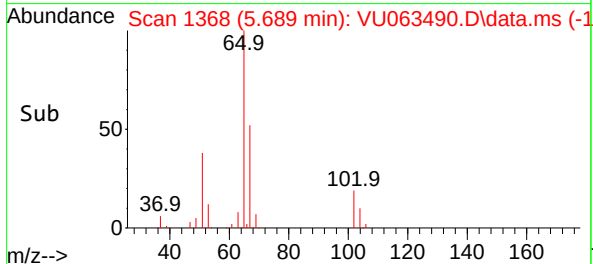
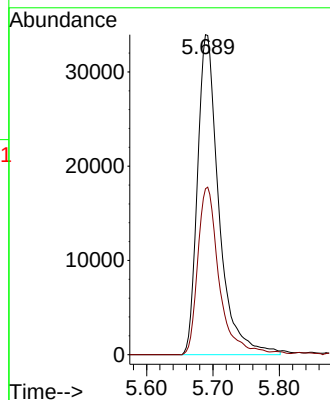
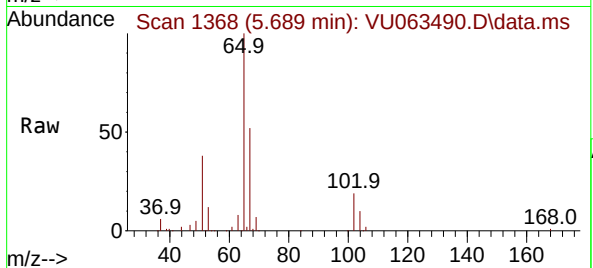
67 52.2 0.0 107.8

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: 6.239 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

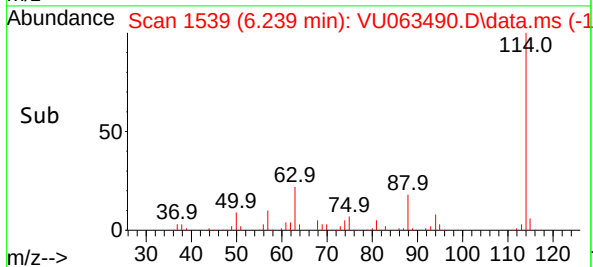
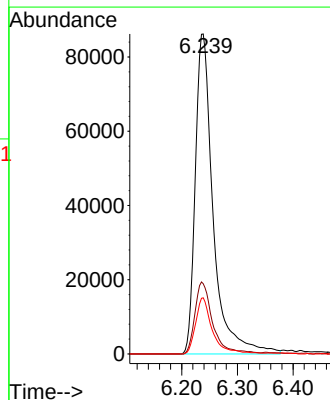
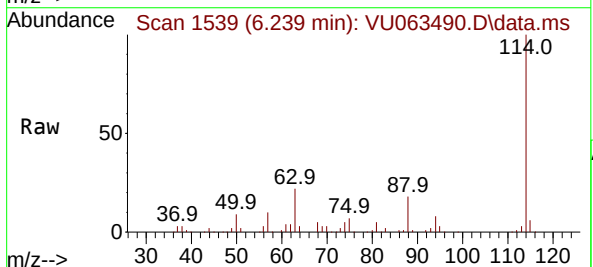
Tgt Ion:114 Resp: 192777

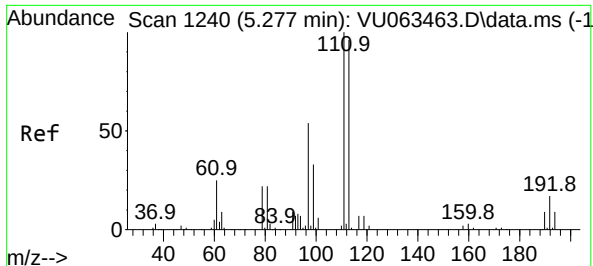
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.6

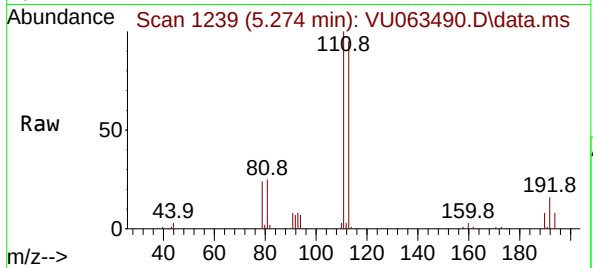
88 17.5 0.0 32.0





#35
Dibromofluoromethane
Concen: 50.226 ug/l
RT: 5.274 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

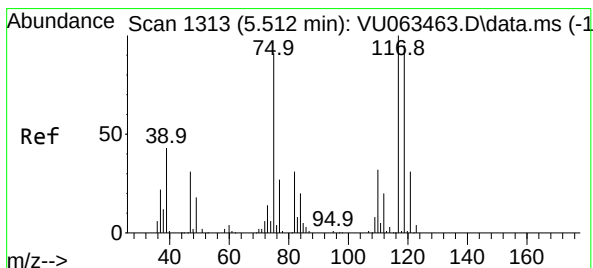
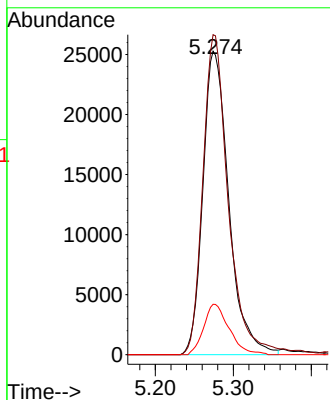
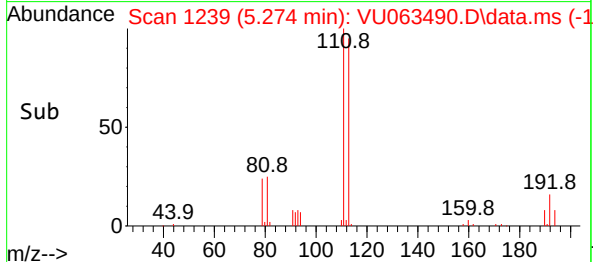
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 113 Resp: 5836
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 16.4 14.3 21.5

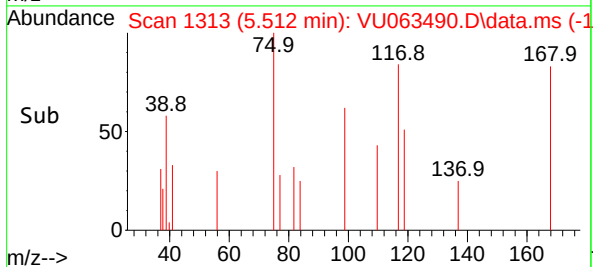
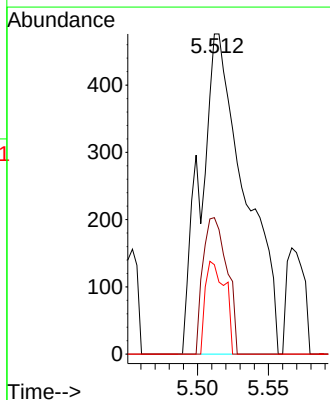
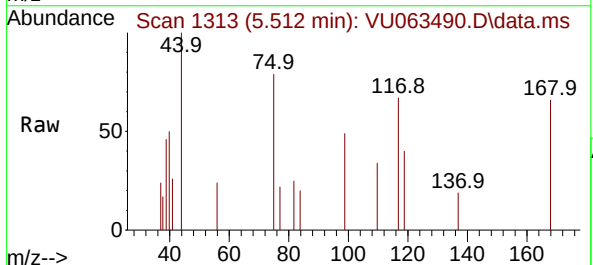
Manual Integrations
APPROVED

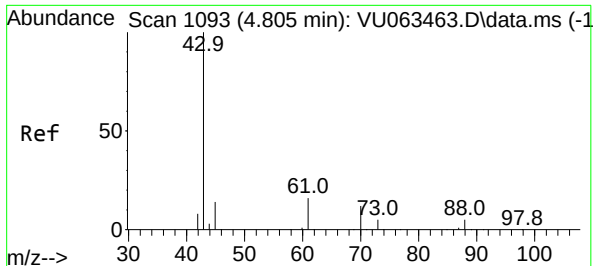
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#36
1,1-Dichloropropene
Concen: 0.659 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 75 Resp: 1040
Ion Ratio Lower Upper
75 100
110 23.0 17.3 52.0
77 12.8 23.9 35.9#





#37

Ethyl Acetate

Concen: 0.696 ug/l m

RT: 4.878 min Scan# 1116

Delta R.T. 0.074 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

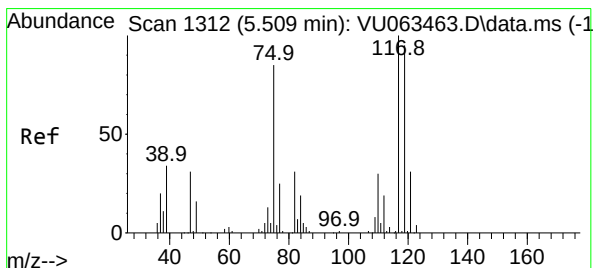
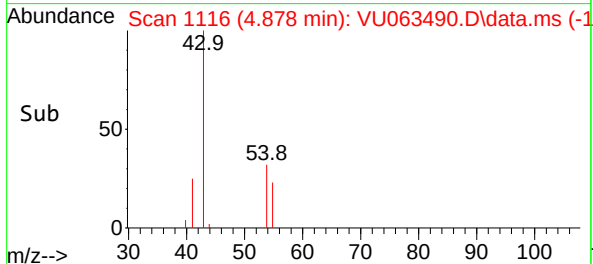
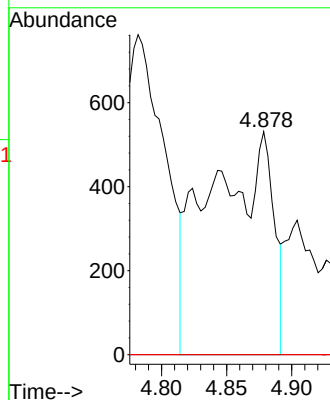
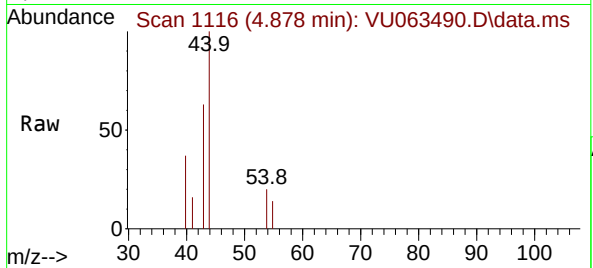
MDL04

Tgt Ion:	43	Resp:	178
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: 0.582 ug/l m

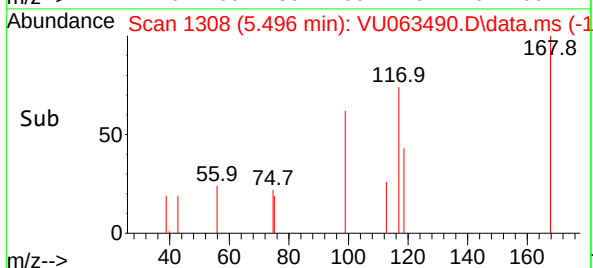
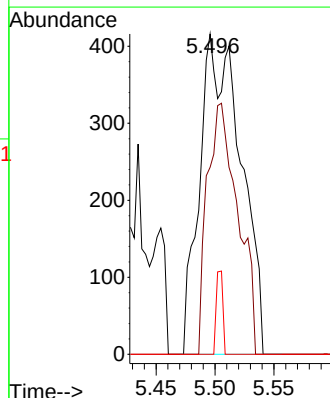
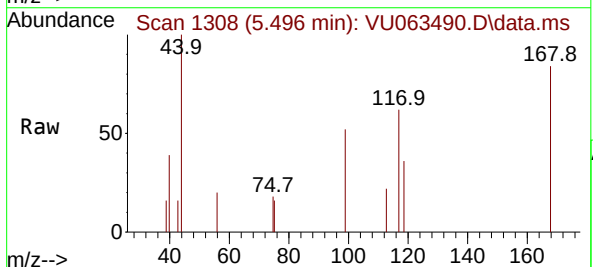
RT: 5.496 min Scan# 1308

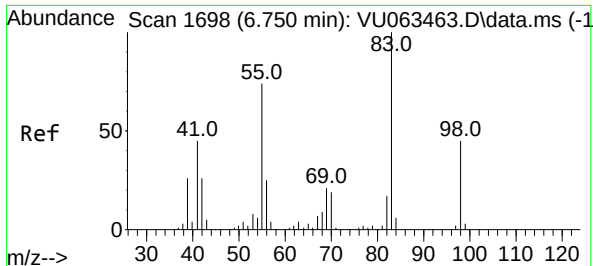
Delta R.T. -0.013 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Tgt Ion:	117	Resp:	1012
Ion	Ratio	Lower	Upper
117	100		
119	58.4	76.1	114.1#
121	0.0	25.0	37.4#





#39

Methylcyclohexane

Concen: 0.573 ug/l

RT: 6.747 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

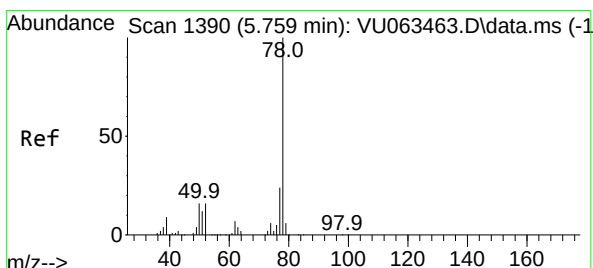
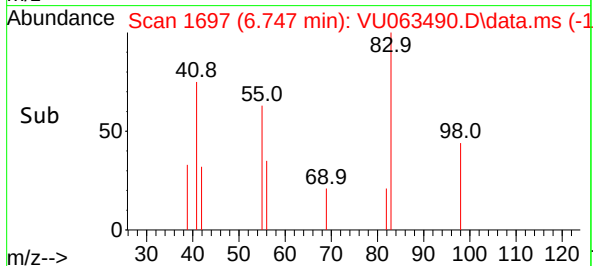
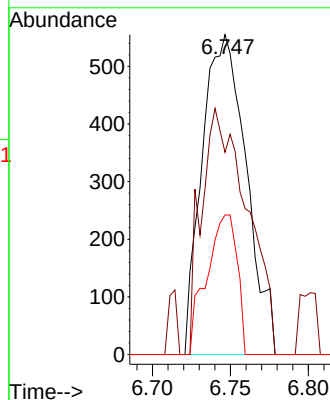
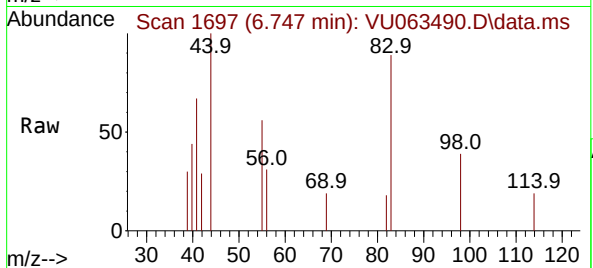
MDL04

Tgt Ion: 83	Resp: 109
Ion Ratio	Lower Upper
83	100
55	63.2 59.4 89.2
98	43.6 36.2 54.4

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 0.522 ug/l

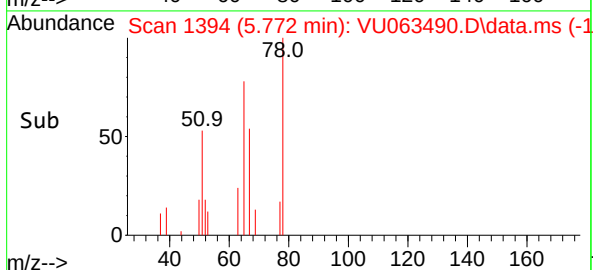
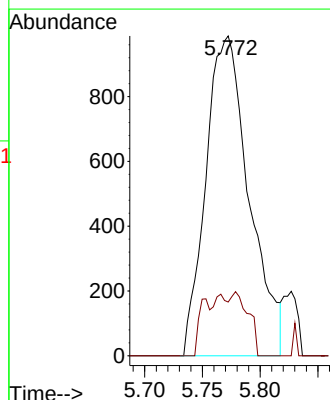
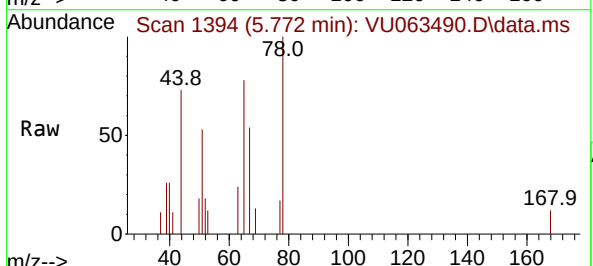
RT: 5.772 min Scan# 1394

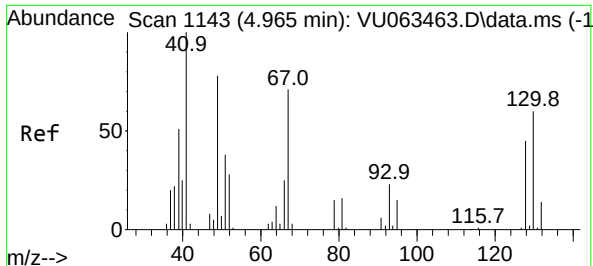
Delta R.T. 0.013 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

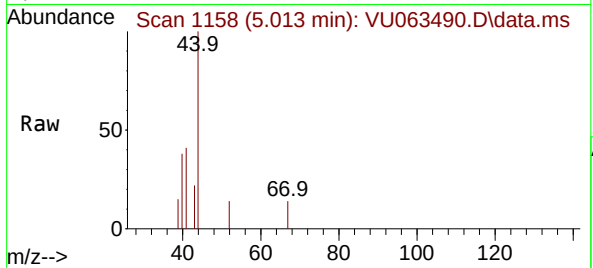
Tgt Ion: 78	Resp: 2574
Ion Ratio	Lower Upper
78	100
77	16.8 19.0 28.4





#41
Methacrylonitrile
Concen: 0.481 ug/l
RT: 5.013 min Scan# 1158
Delta R.T. 0.048 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

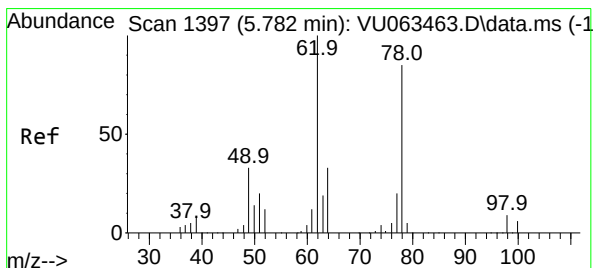
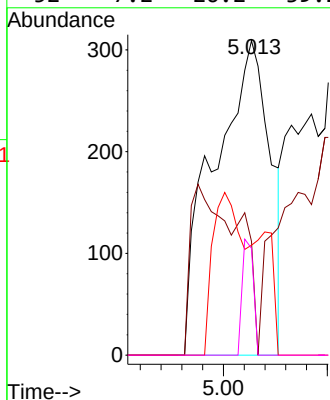
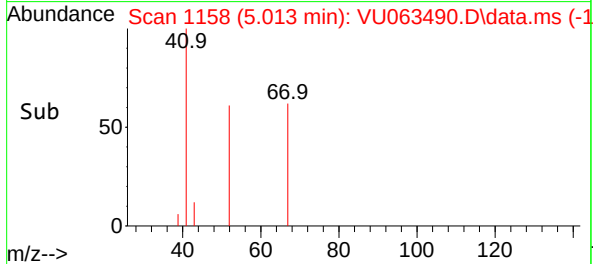
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 41 Resp: 580
Ion Ratio Lower Upper
41 100
39 0.0 43.6 65.4
67 26.0 62.8 94.2
52 7.2 26.2 39.2

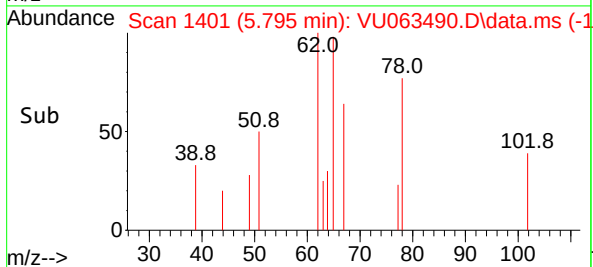
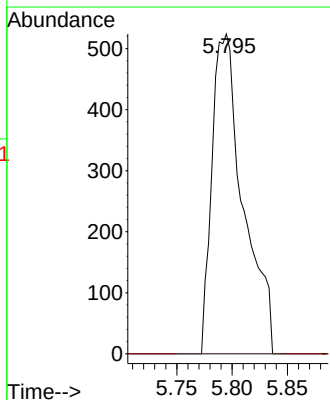
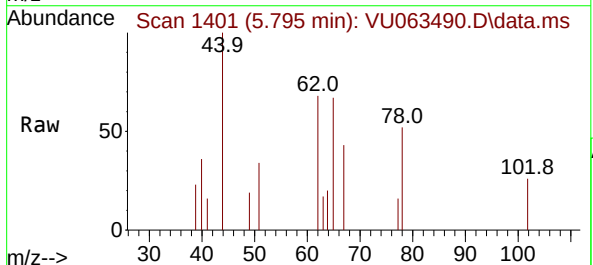
Manual Integrations
APPROVED

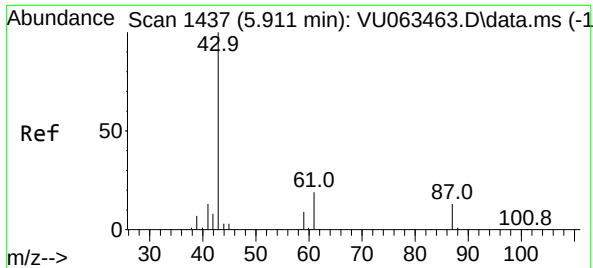
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#42
1,2-Dichloroethane
Concen: 0.554 ug/l m
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

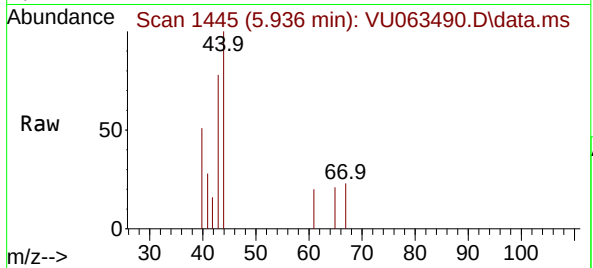
Tgt Ion: 62 Resp: 1028
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.589 ug/l m
RT: 5.936 min Scan# 1437
Delta R.T. 0.026 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

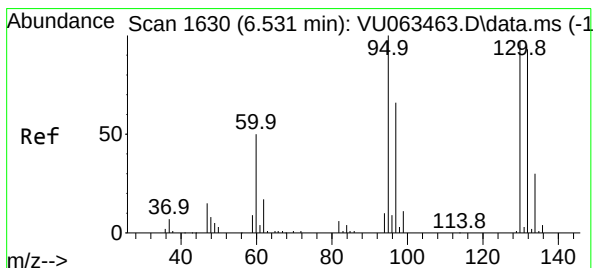
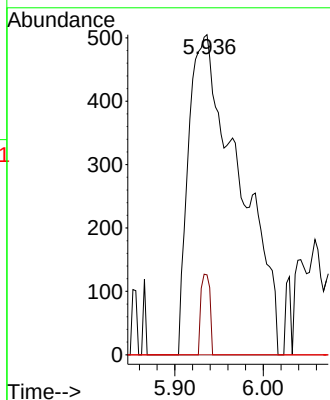
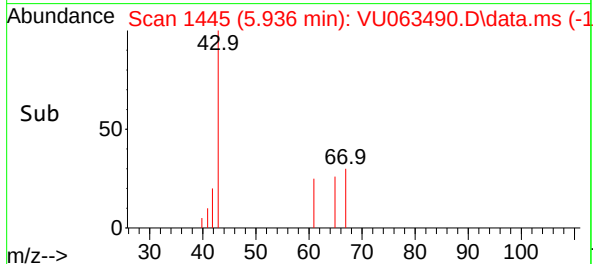
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 199
Ion Ratio Lower Upper
43 100
61 4.5 15.4 23.2
87 0.0 10.5 15.7

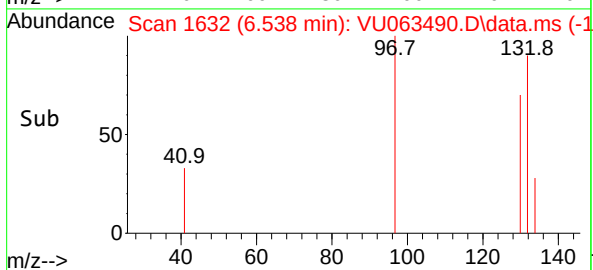
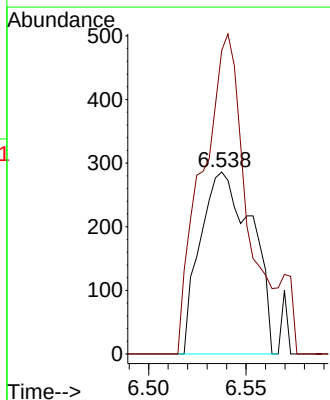
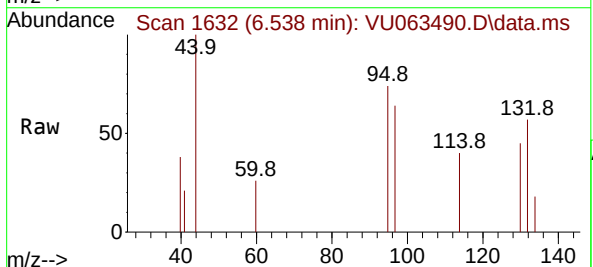
Manual Integrations
APPROVED

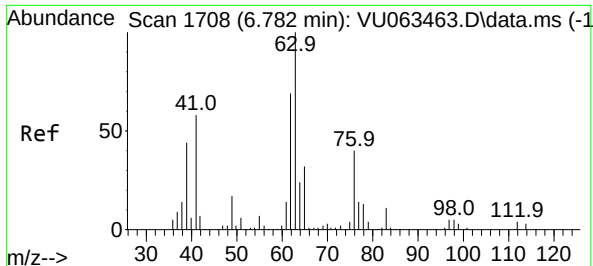
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#44
Trichloroethene
Concen: 0.399 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion:130 Resp: 526
Ion Ratio Lower Upper
130 100
95 166.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.387 ug/l m

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 63 Resp: 530

Ion Ratio Lower Upper

63 100

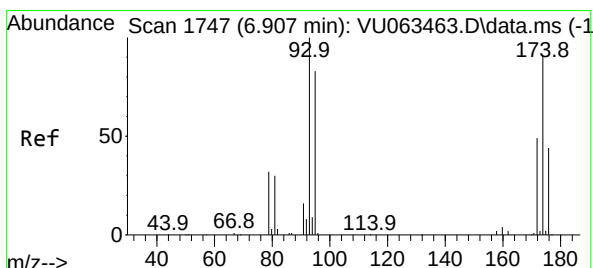
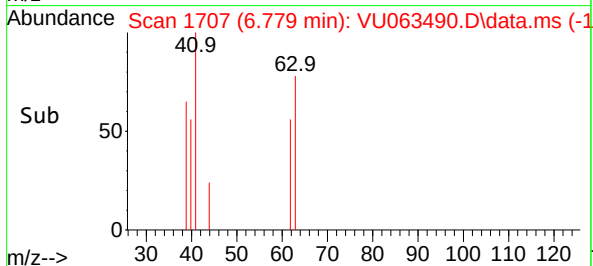
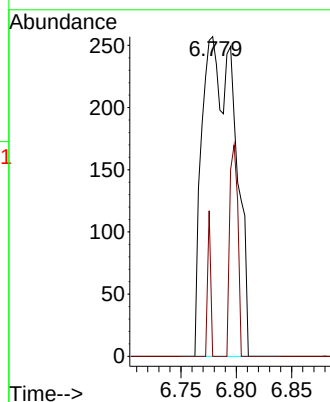
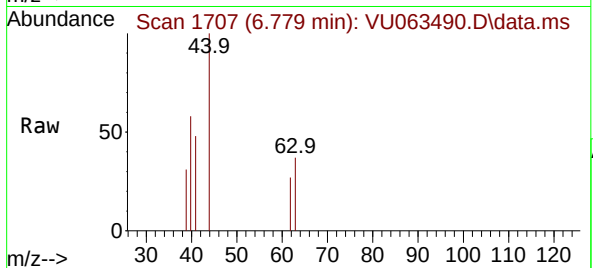
65 0.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#46

Dibromomethane

Concen: 0.485 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

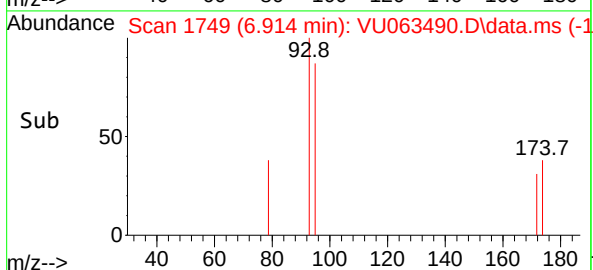
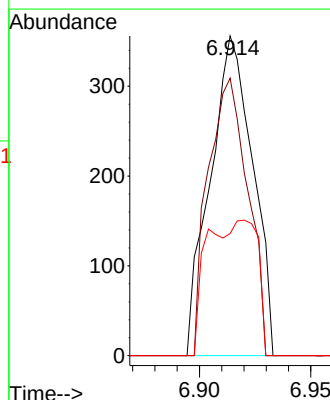
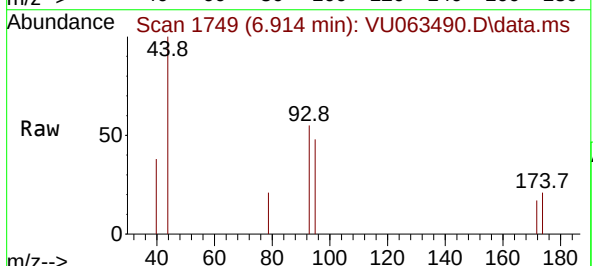
Tgt Ion: 93 Resp: 473

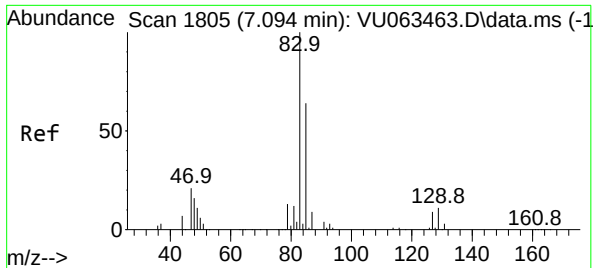
Ion Ratio Lower Upper

93 100

95 80.5 67.5 101.3

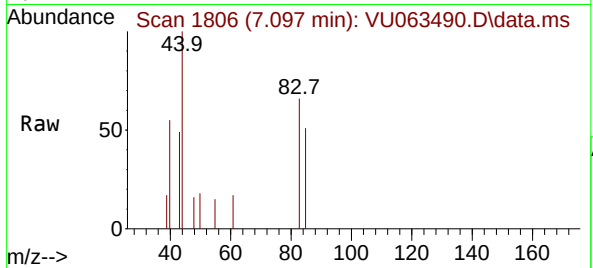
174 21.4 73.1 109.7





#47
Bromodichloromethane
Concen: 0.421 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

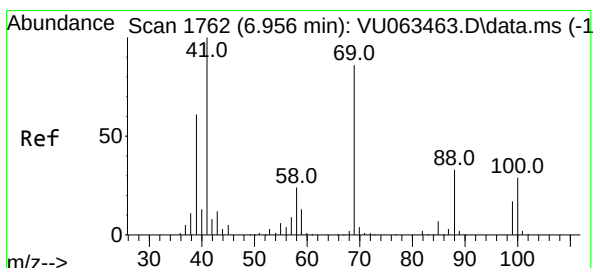
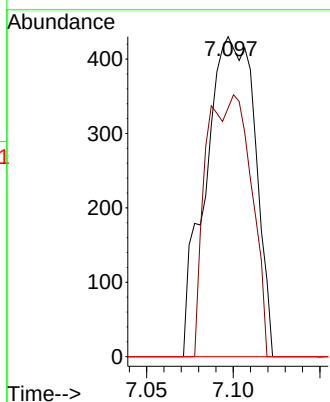
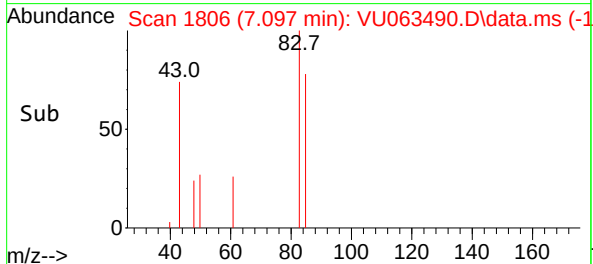
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 83 Resp: 854
Ion Ratio Lower Upper
83 100
85 77.7 51.4 77.0#
127 0.0 7.0 10.4#

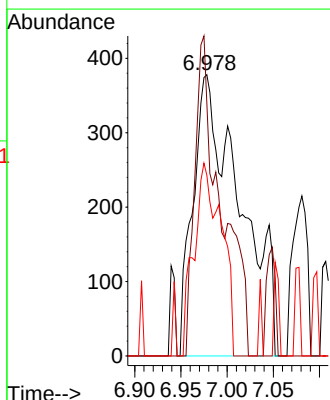
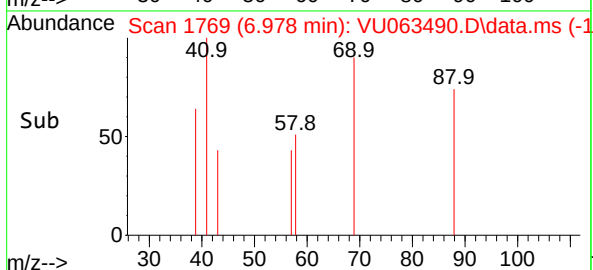
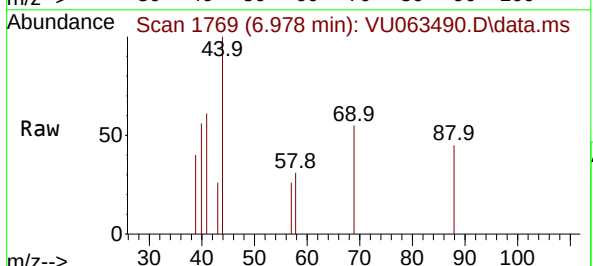
Manual Integrations
APPROVED

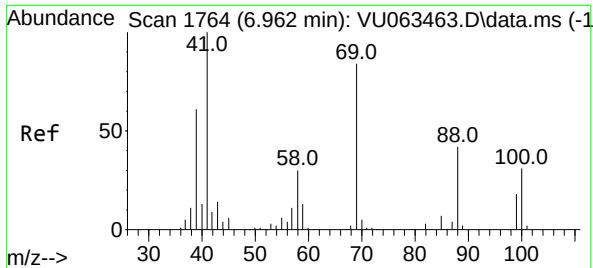
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#48
Methyl methacrylate
Concen: 0.851 ug/l m
RT: 6.978 min Scan# 1769
Delta R.T. 0.022 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

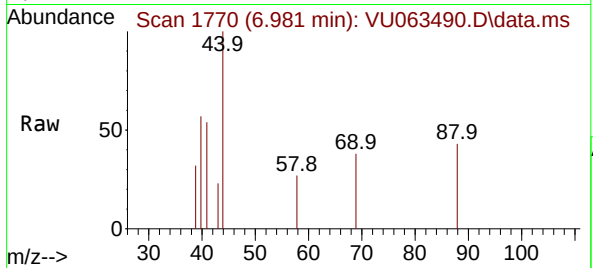
Tgt Ion: 41 Resp: 1336
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 1.4 48.3 72.5#





#49
1,4-Dioxane
Concen: 16.285 ug/l
RT: 6.981 min Scan# 1770
Delta R.T. 0.019 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

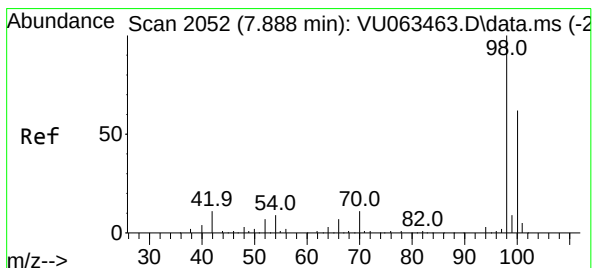
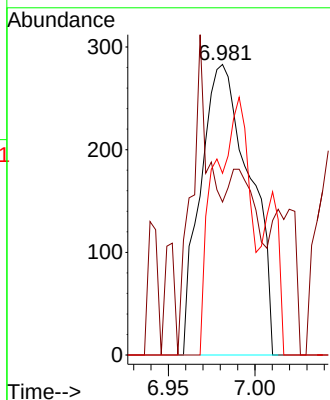
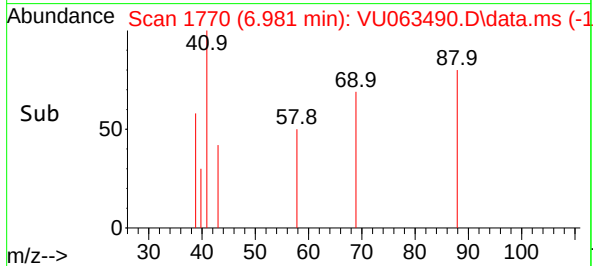
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 88 Resp: 562
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4
58 62.9 55.0 82.6

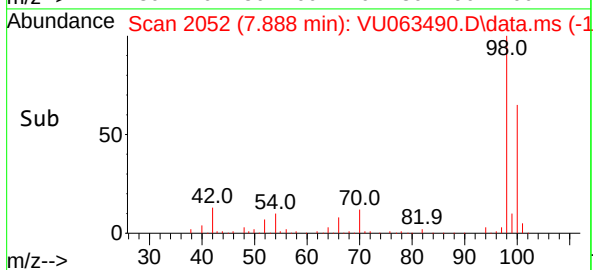
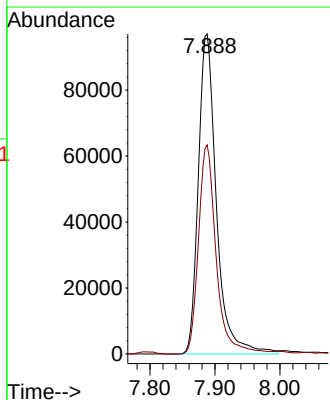
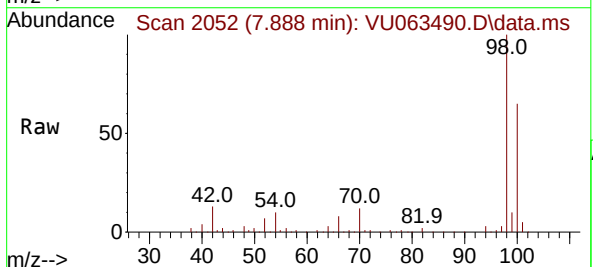
Manual Integrations
APPROVED

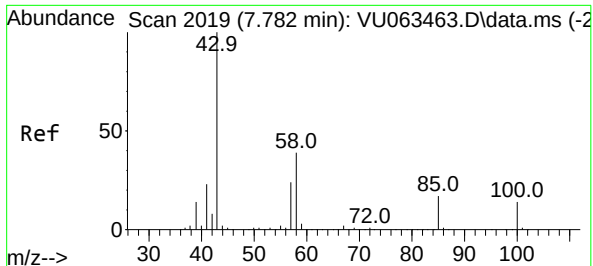
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#50
Toluene-d8
Concen: 49.790 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

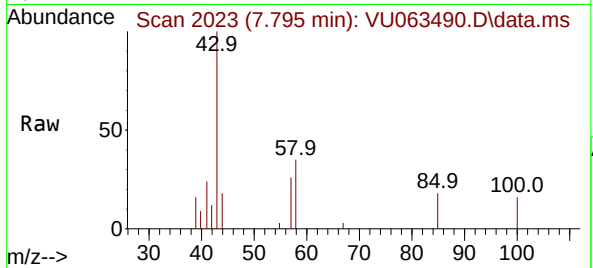
Tgt Ion: 98 Resp: 188595
Ion Ratio Lower Upper
98 100
100 63.9 48.1 72.1





#51
4-Methyl-2-Pentanone
Concen: 3.519 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

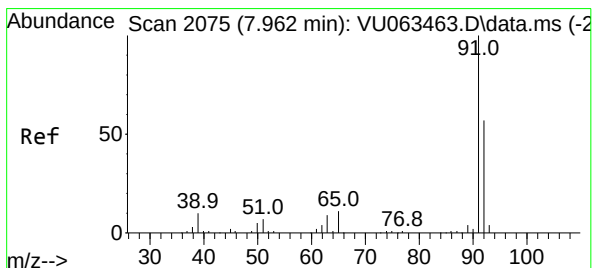
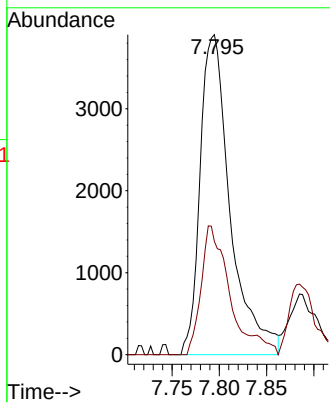
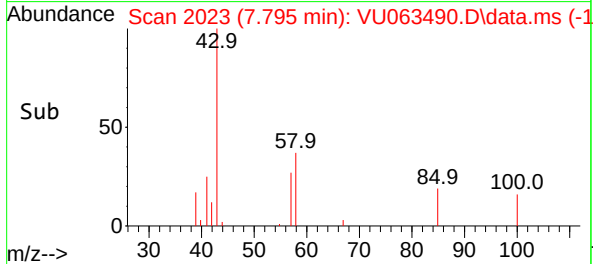
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.4

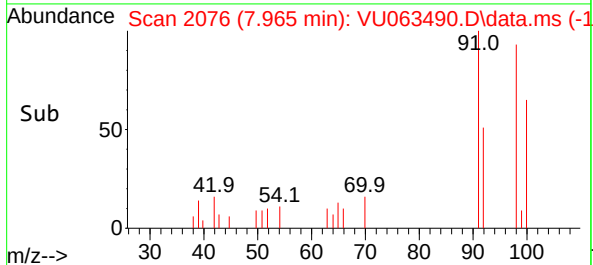
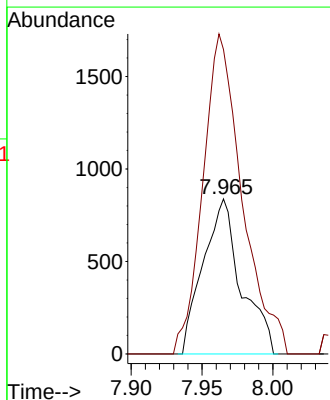
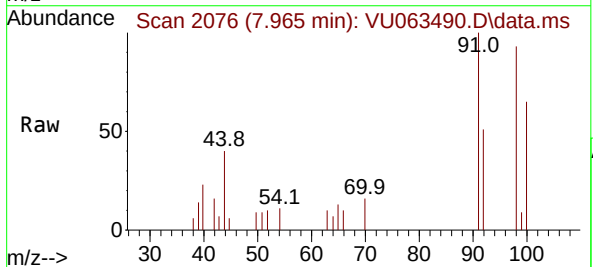
Manual Integrations
APPROVED

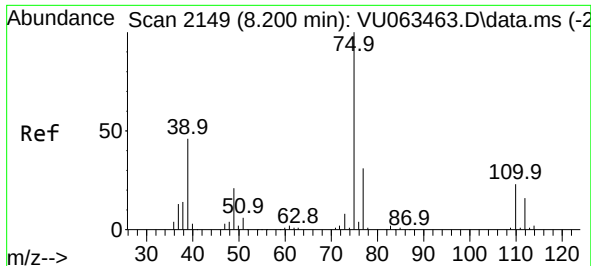
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#52
Toluene
Concen: 0.486 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

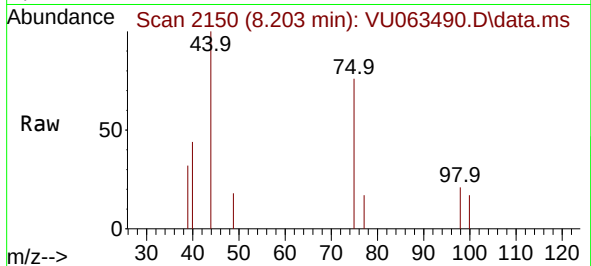
Tgt Ion: 92 Resp: 1567
Ion Ratio Lower Upper
92 100
91 212.8 144.5 216.7





#53
t-1,3-Dichloropropene
Concen: 0.470 ug/l
RT: 8.203 min Scan# 2149
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

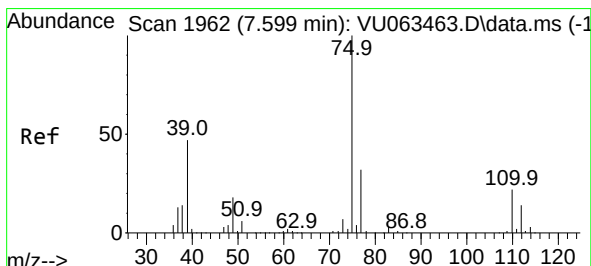
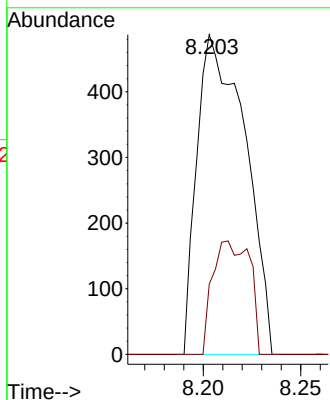
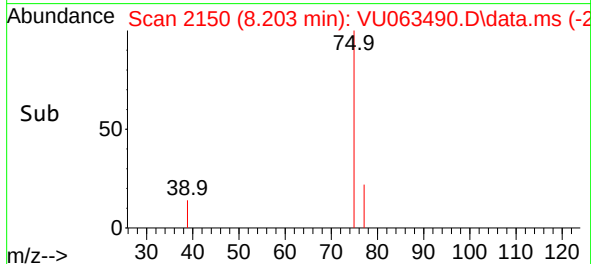
Instrument :
MSVOA_U
ClientSampleId :
MDL04



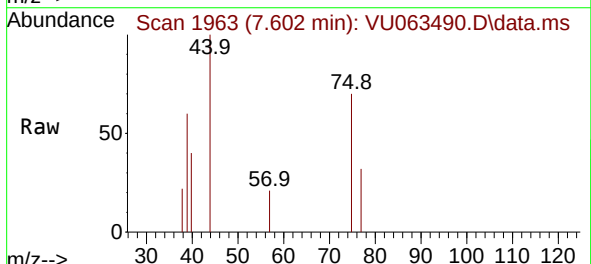
Tgt Ion: 75 Resp: 834
Ion Ratio Lower Upper
75 100
77 22.0 25.0 37.6

Manual Integrations
APPROVED

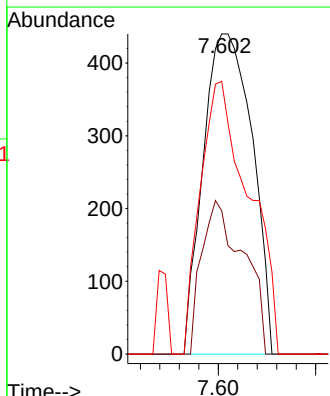
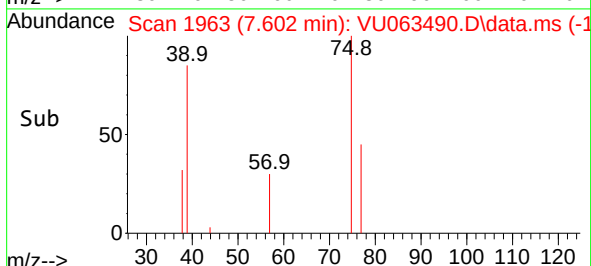
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

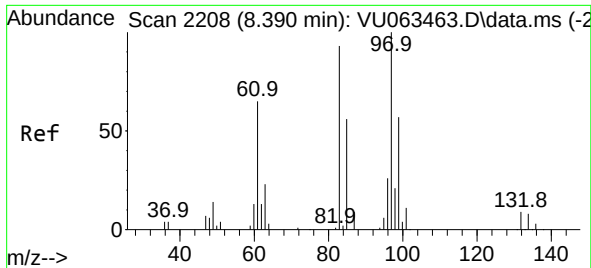


#54
cis-1,3-Dichloropropene
Concen: 0.388 ug/l
RT: 7.602 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



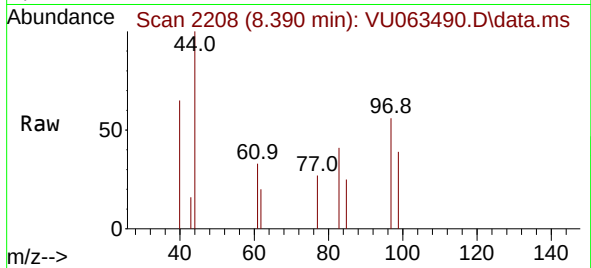
Tgt Ion: 75 Resp: 770
Ion Ratio Lower Upper
75 100
77 44.8 25.4 38.0#
39 85.2 37.2 55.8#





#55
1,1,2-Trichloroethane
Concen: 0.406 ug/l
RT: 8.390 min Scan# 2193
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

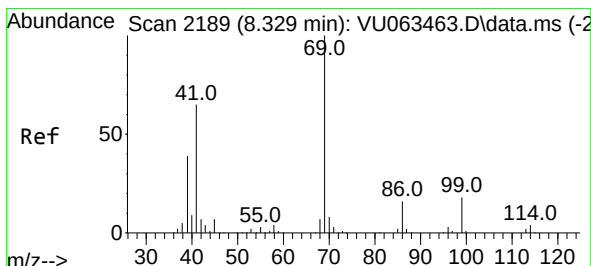
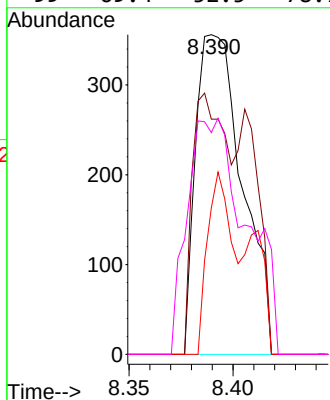
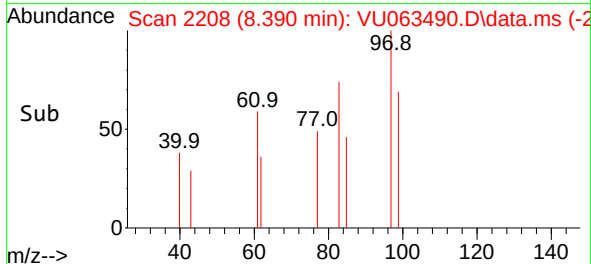
Instrument : MSVOA_U
ClientSampleId : MDL04



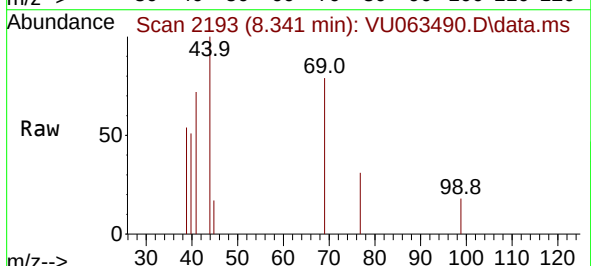
Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.6	74.2	111.4
85	45.8	45.8	68.8
99	69.4	52.5	78.7

Manual Integrations
APPROVED

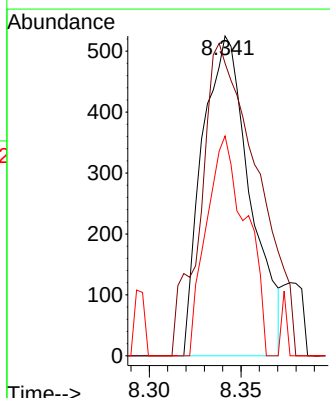
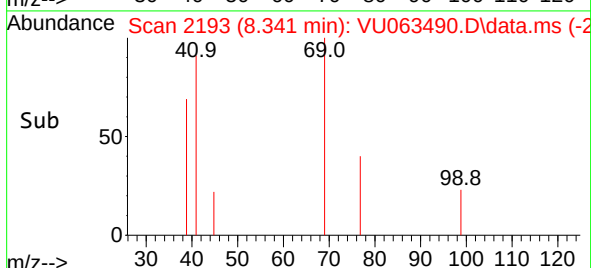
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

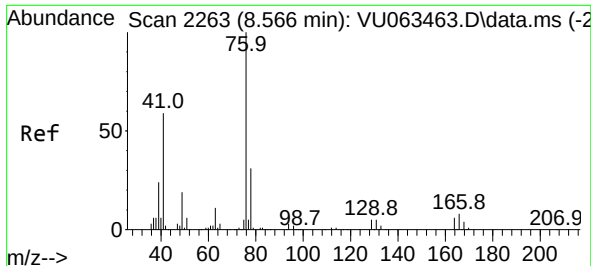


#56
Ethyl methacrylate
Concen: 0.431 ug/l
RT: 8.341 min Scan# 2193
Delta R.T. 0.013 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



Tgt Ion	Ratio	Lower	Upper
69	100		
41	116.4	53.0	79.6
39	57.3	31.0	46.4





#57

1,3-Dichloropropane

Concen: 0.520 ug/l

RT: 8.570 min Scan# 2179

Delta R.T. 0.003 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 76 Resp: 1179

Ion Ratio Lower Upper

76 100

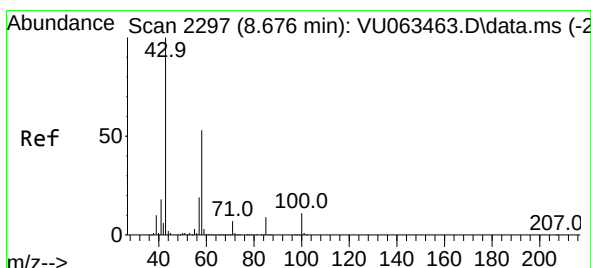
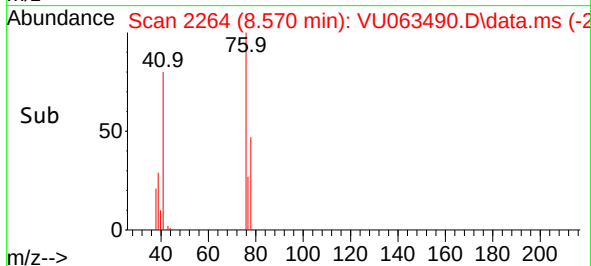
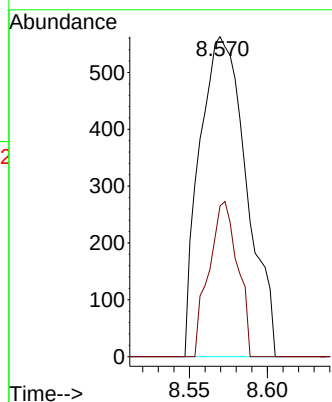
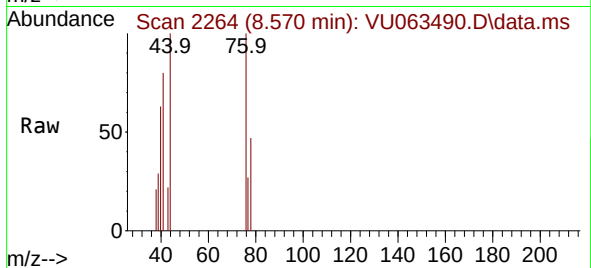
78 29.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#59

2-Hexanone

Concen: 3.641 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.016 min

Lab File: VU063490.D

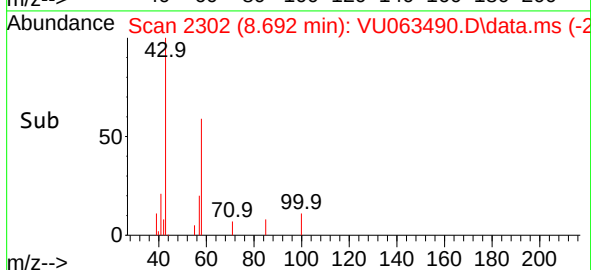
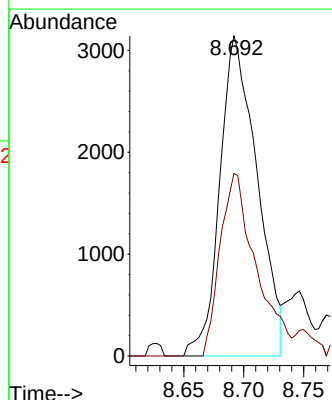
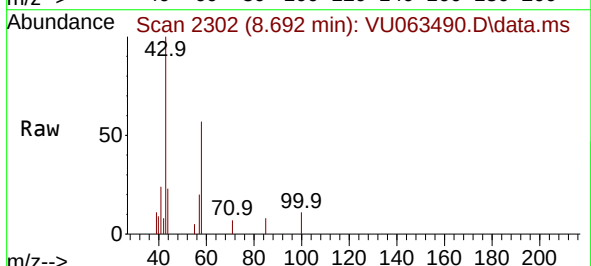
Acq: 11 Jul 2025 12:01

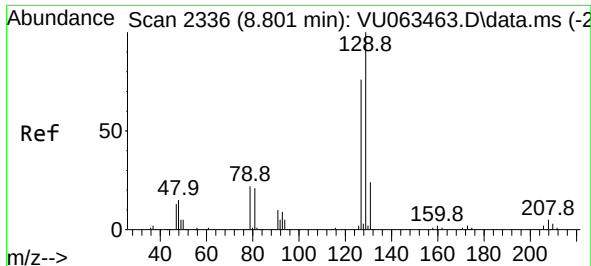
Tgt Ion: 43 Resp: 6771

Ion Ratio Lower Upper

43 100

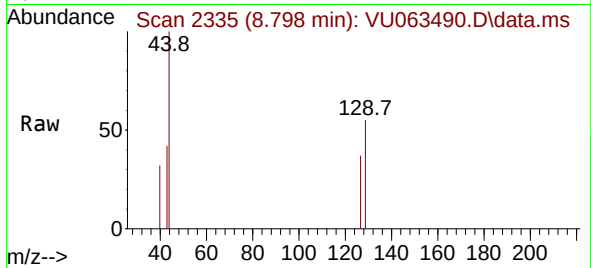
58 55.4 26.9 80.7





#60
Dibromochloromethane
Concen: 0.358 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

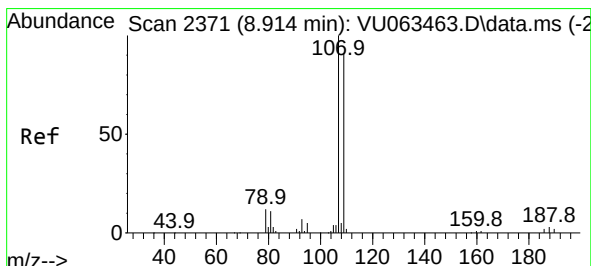
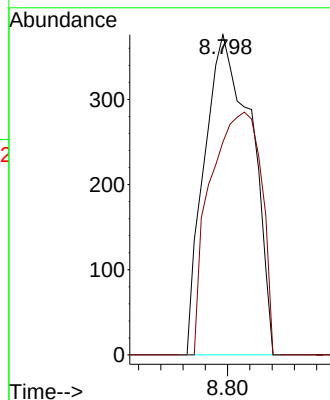
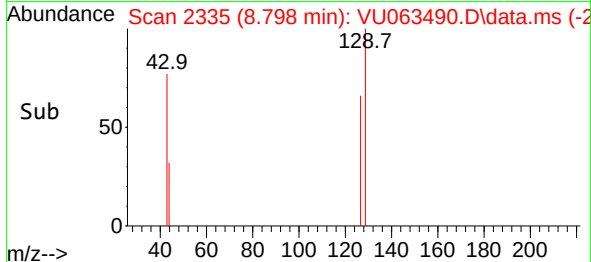
Instrument :
MSVOA_U
ClientSampleId :
MDL04



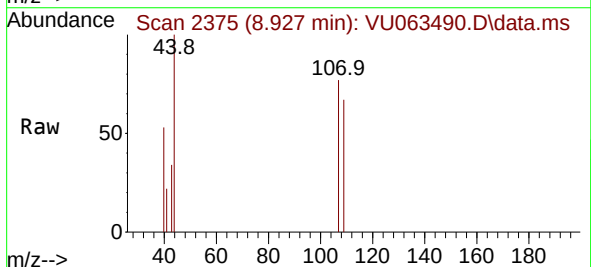
Tgt Ion:129 Resp: 550
Ion Ratio Lower Upper
129 100
127 82.2 39.1 117.2

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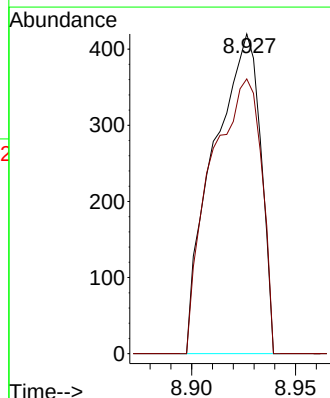
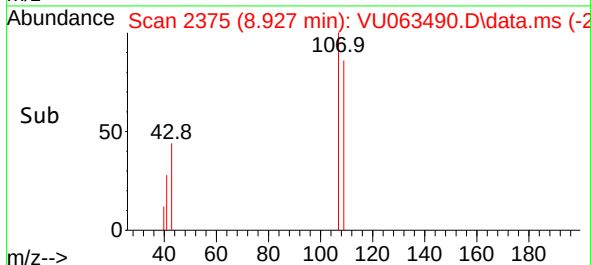
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

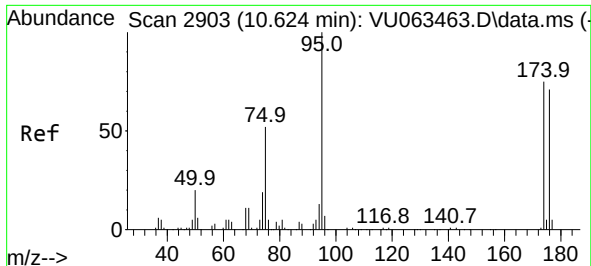


#61
1,2-Dibromoethane
Concen: 0.490 ug/l
RT: 8.927 min Scan# 2375
Delta R.T. 0.013 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



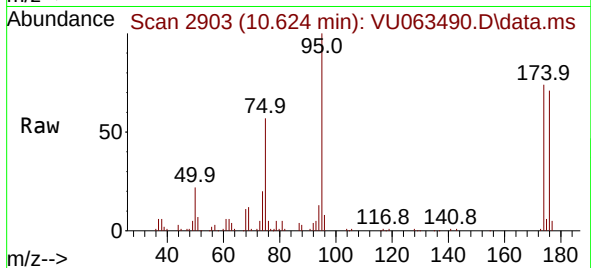
Tgt Ion:107 Resp: 659
Ion Ratio Lower Upper
107 100
109 92.6 73.7 110.5





#62
4-Bromofluorobenzene
Concen: 49.903 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

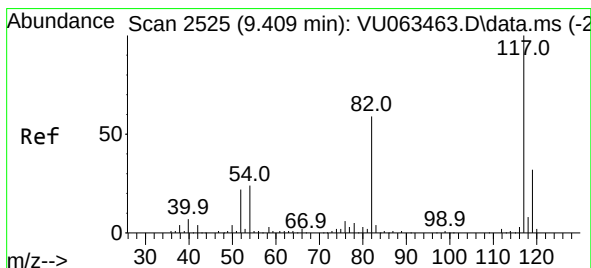
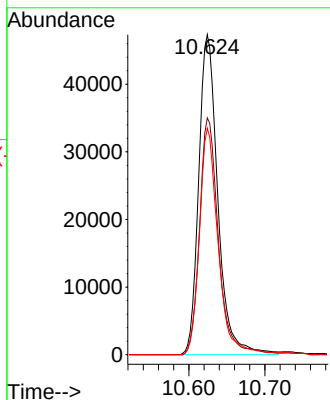
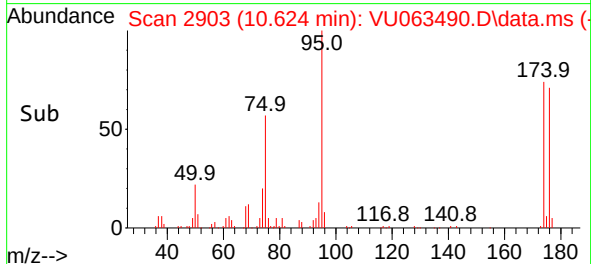
Instrument :
MSVOA_U
ClientSampleId :
MDL04



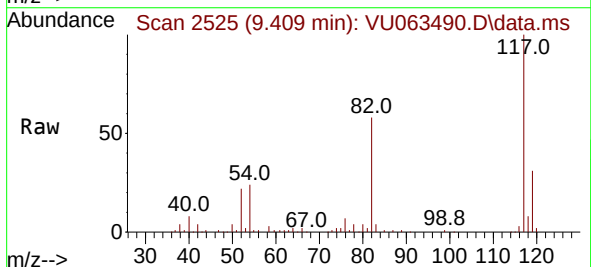
Tgt Ion: 95 Resp: 82680
Ion Ratio Lower Upper
95 100
174 73.1 0.0 153.6
176 68.9 0.0 145.8

Manual Integrations
APPROVED

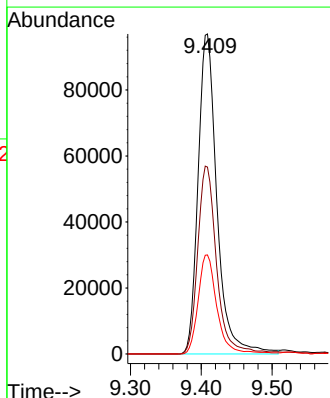
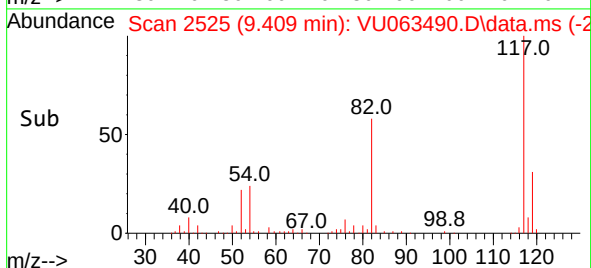
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

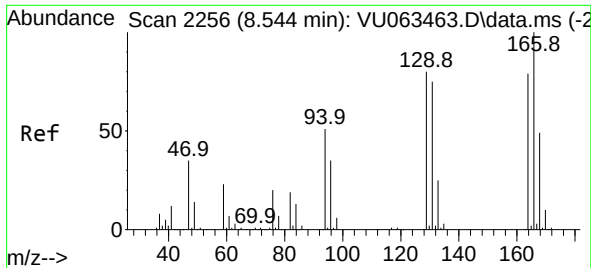


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



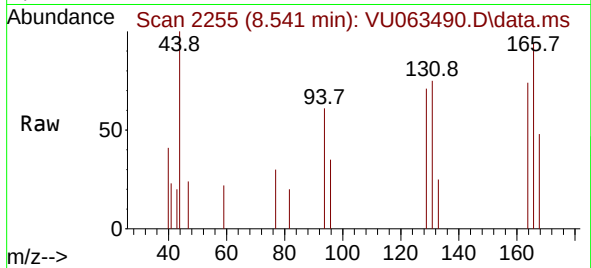
Tgt Ion:117 Resp: 179228
Ion Ratio Lower Upper
117 100
82 58.4 47.1 70.7
119 31.0 25.4 38.0





#64
Tetrachloroethene
Concen: 0.490 ug/l
RT: 8.541 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

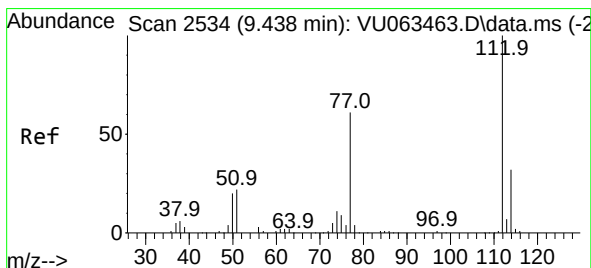
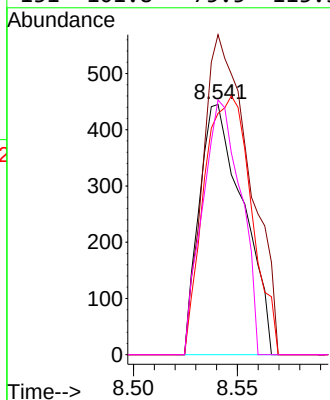
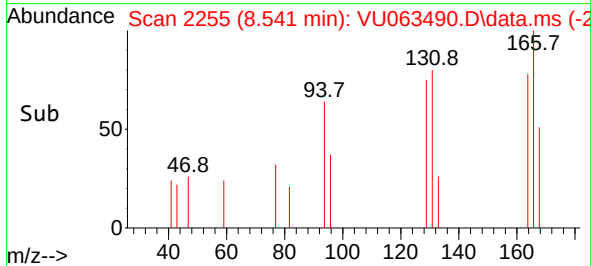
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion:164 Resp: 654
Ion Ratio Lower Upper
164 100
166 127.9 100.9 151.3
129 96.4 80.9 121.3
131 101.8 75.5 113.3

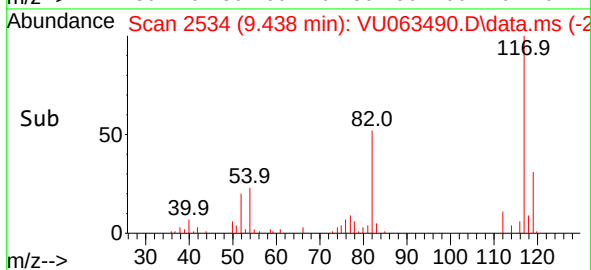
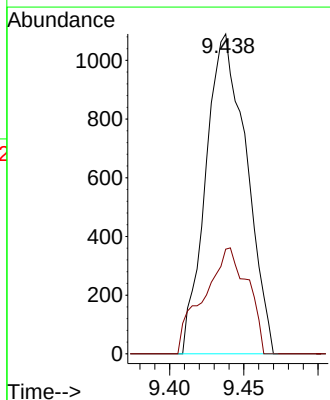
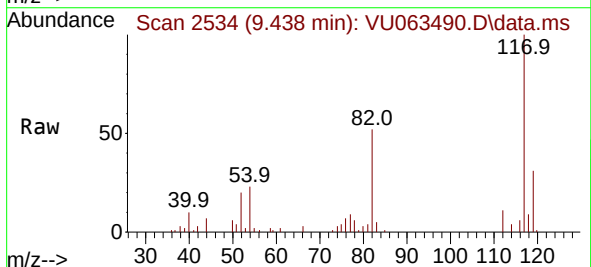
Manual Integrations
APPROVED

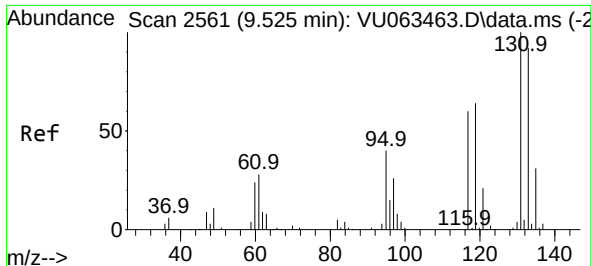
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#65
Chlorobenzene
Concen: 0.555 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

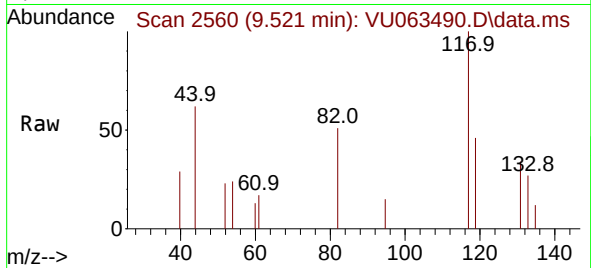
Tgt Ion:112 Resp: 2069
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 0.434 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

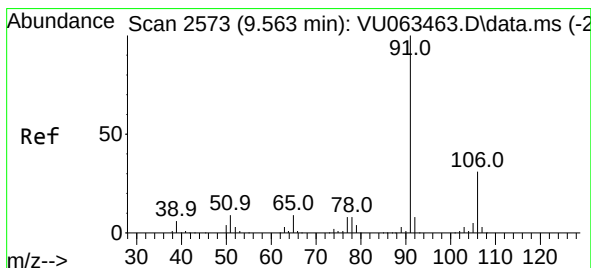
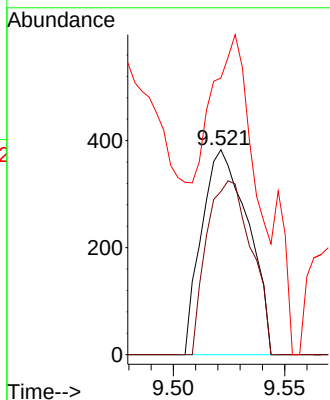
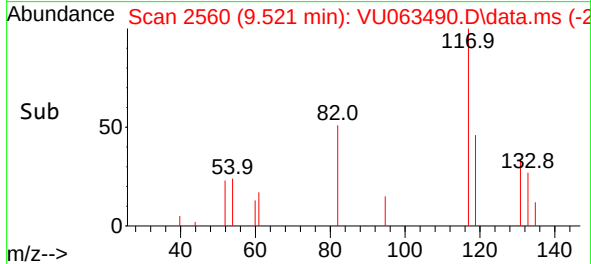
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion:131 Resp: 55
Ion Ratio Lower Upper
131 100
133 81.8 46.4 139.2
119 0.0 33.3 99.9

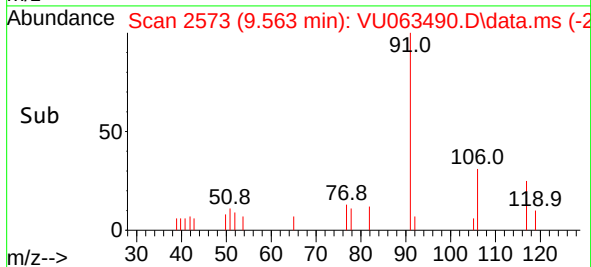
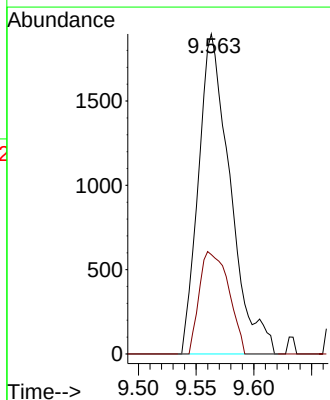
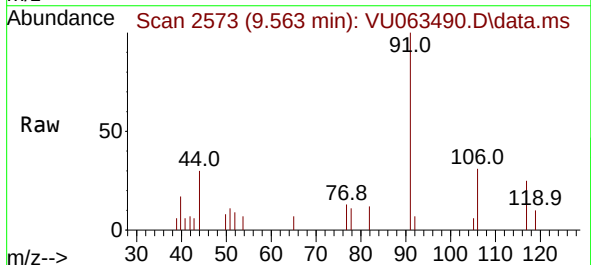
Manual Integrations
APPROVED

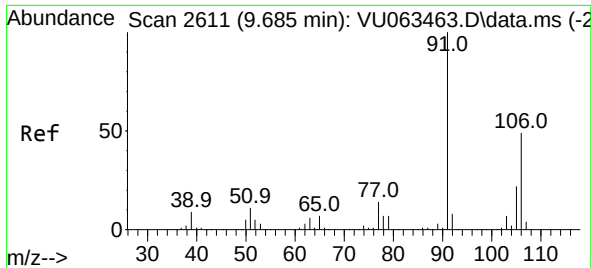
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#67
Ethyl Benzene
Concen: 0.566 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 91 Resp: 3629
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7





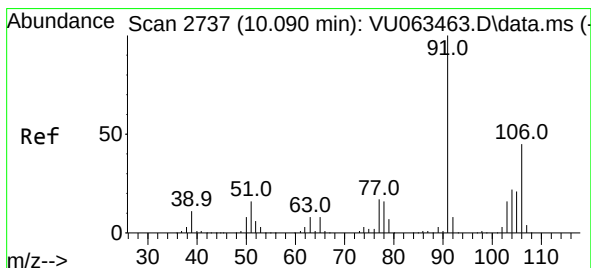
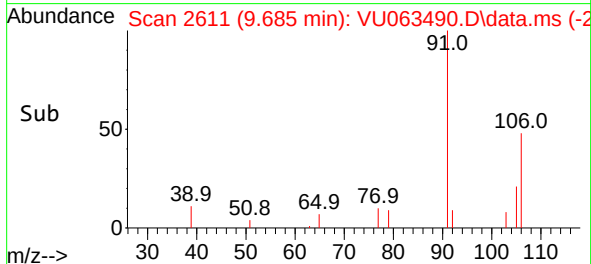
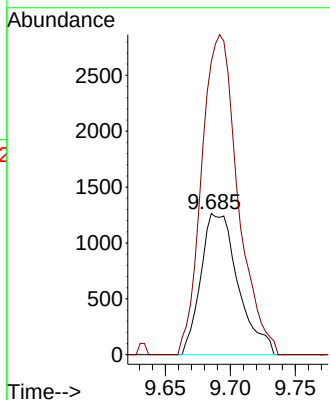
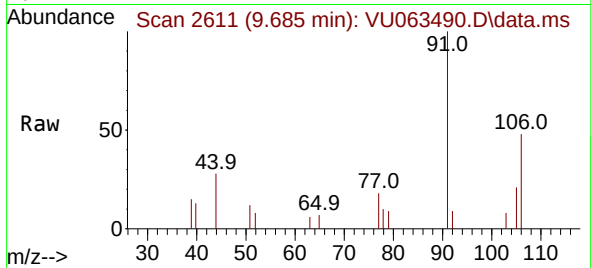
#68
m/p-Xylenes
Concen: 1.031 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 252
Ion Ratio Lower Upper
106 100
91 220.7 163.6 245.4

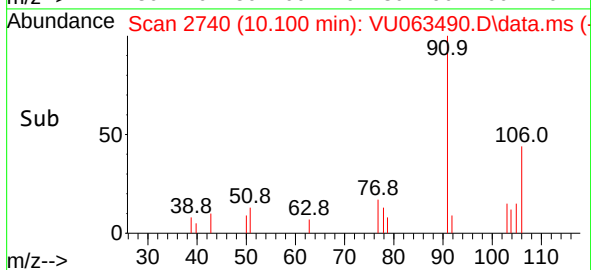
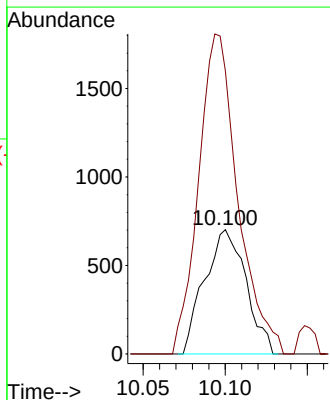
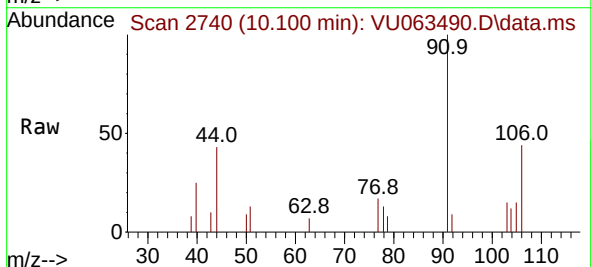
Manual Integrations
APPROVED

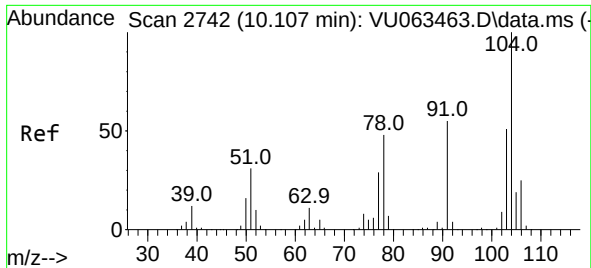
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#69
o-Xylene
Concen: 0.495 ug/l
RT: 10.100 min Scan# 2740
Delta R.T. 0.010 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion:106 Resp: 1232
Ion Ratio Lower Upper
106 100
91 243.7 110.7 331.9





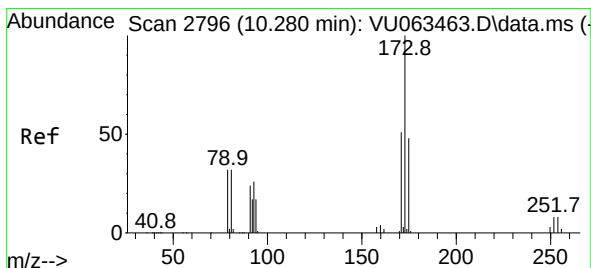
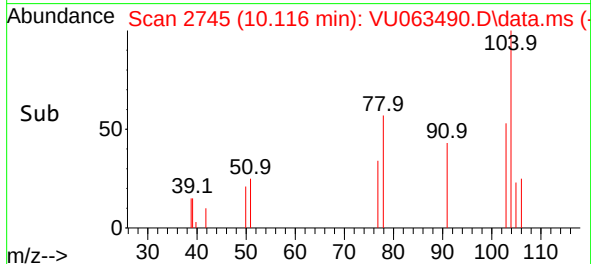
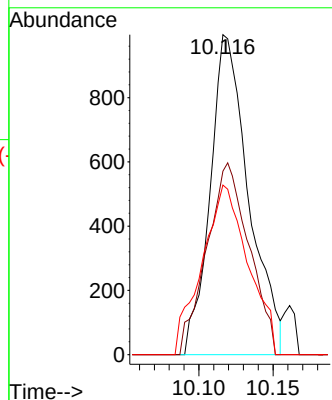
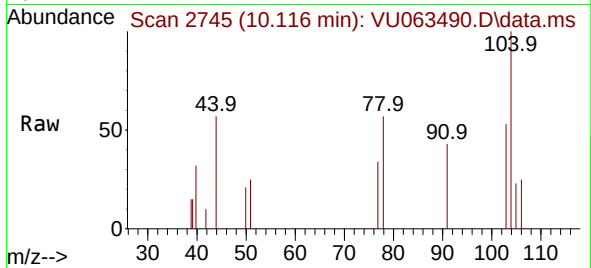
#70
Styrene
Concen: 0.455 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:104 Resp: 1799
Ion Ratio Lower Upper
104 100
78 65.6 41.4 62.0
103 63.3 44.3 66.5

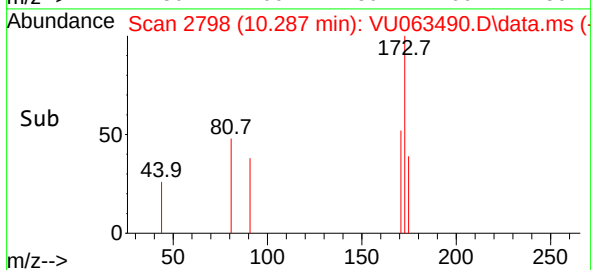
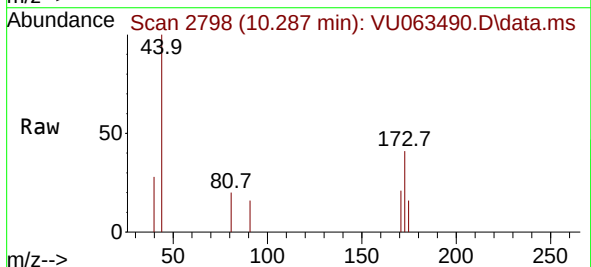
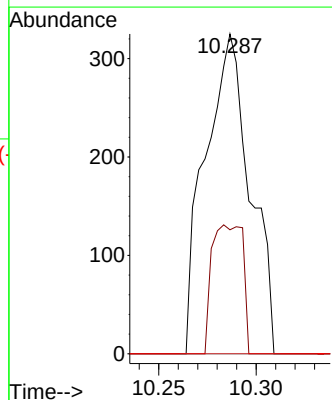
Manual Integrations
APPROVED

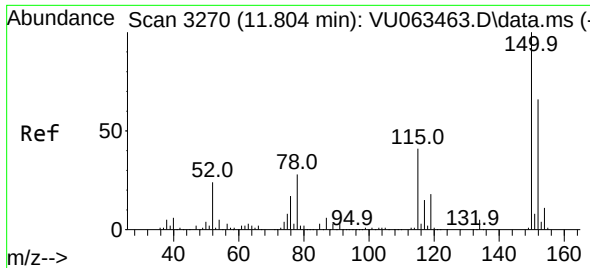
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#71
Bromoform
Concen: 0.467 ug/l
RT: 10.287 min Scan# 2798
Delta R.T. 0.006 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

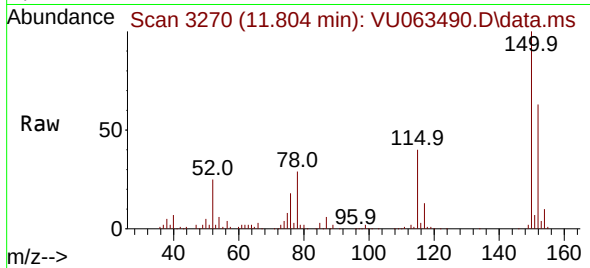
Tgt Ion:173 Resp: 520
Ion Ratio Lower Upper
173 100
175 27.7 24.0 72.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

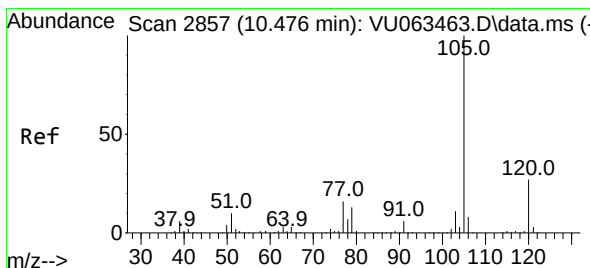
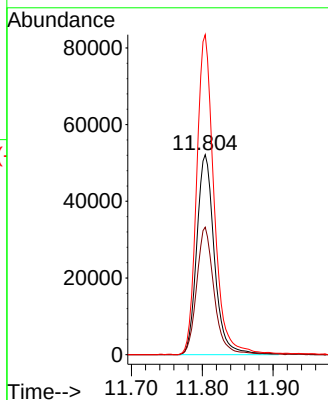
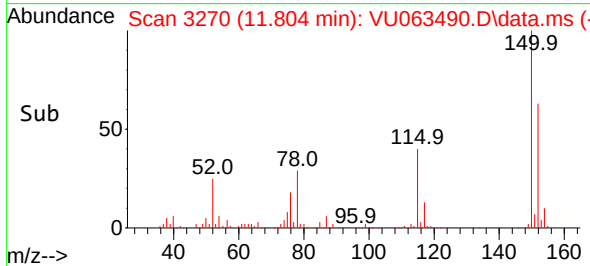
Instrument :
MSVOA_U
ClientSampleId :
MDL04



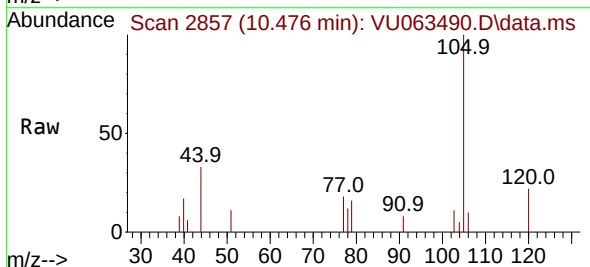
Tgt Ion:152 Resp: 9018
Ion Ratio Lower Upper
152 100
115 63.3 43.4 130.2
150 157.4 0.0 341.4

Manual Integrations
APPROVED

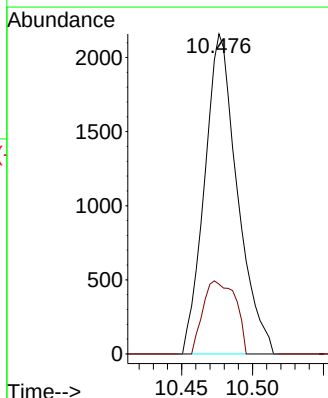
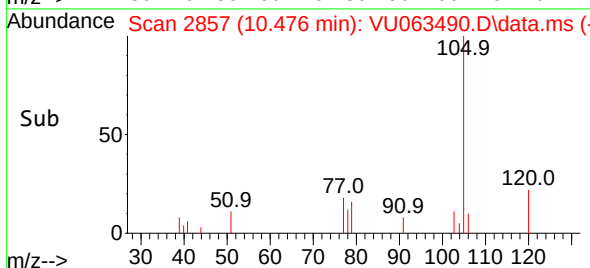
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

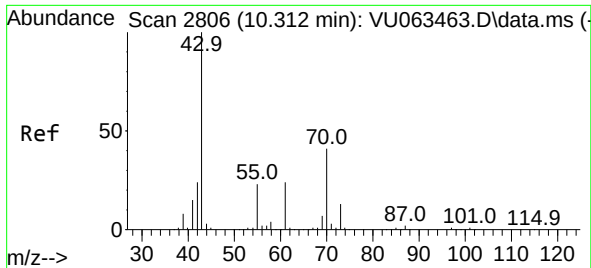


#73
Isopropylbenzene
Concen: 0.565 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



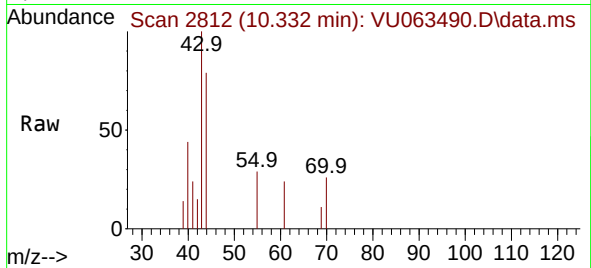
Tgt Ion:105 Resp: 3469
Ion Ratio Lower Upper
105 100
120 22.6 13.1 39.1





#74
N-amy1 acetate
Concen: 0.744 ug/l
RT: 10.332 min Scan# 2812
Delta R.T. 0.019 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

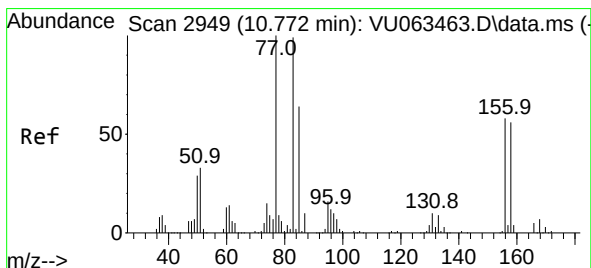
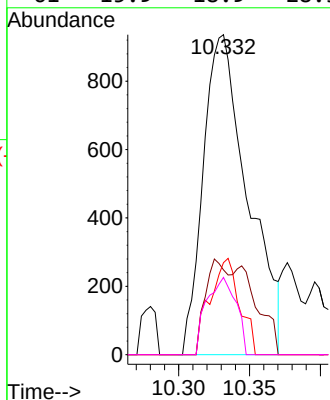
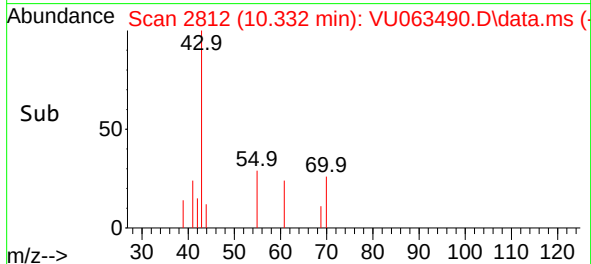
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
70 14.7 32.6 48.8
55 20.0 18.6 27.8
61 15.9 18.9 28.3#

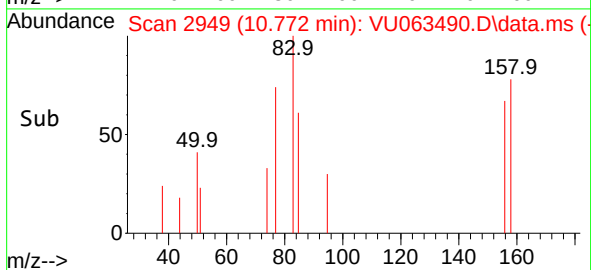
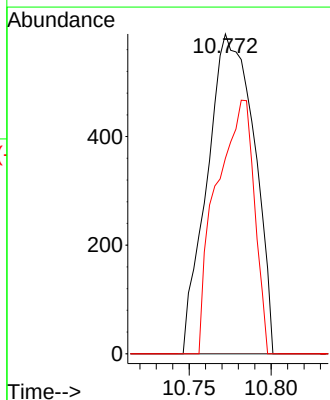
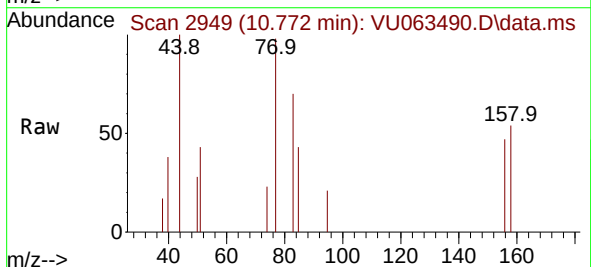
Manual Integrations
APPROVED

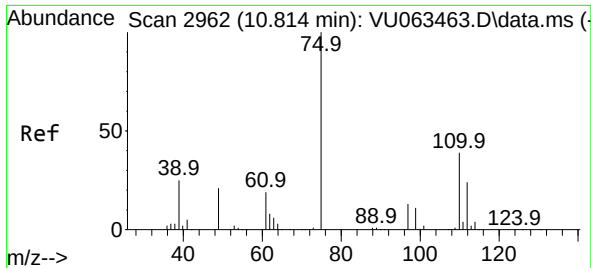
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.518 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 83 Resp: 1170
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3#
85 63.7 32.3 96.8





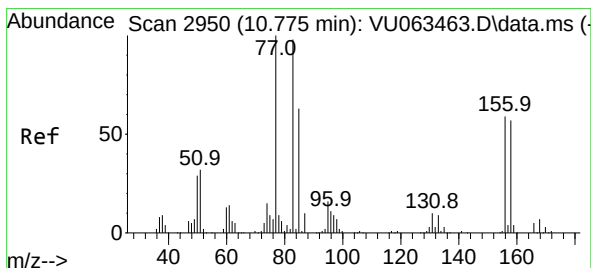
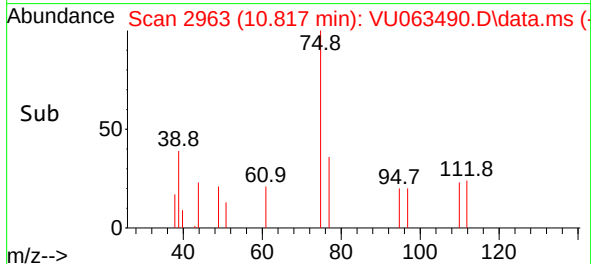
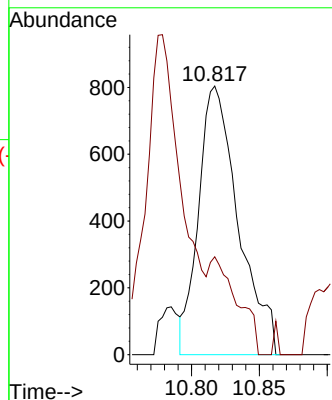
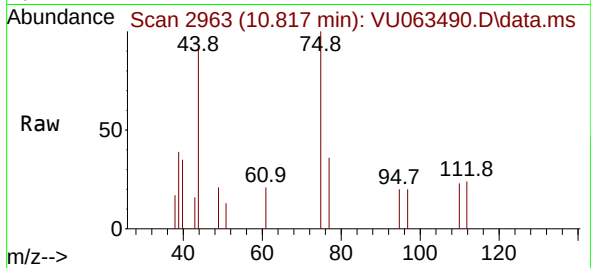
#76
1,2,3-Trichloropropane
Concen: 0.688 ug/l
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 164
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4

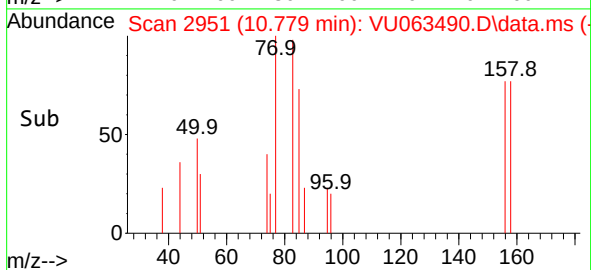
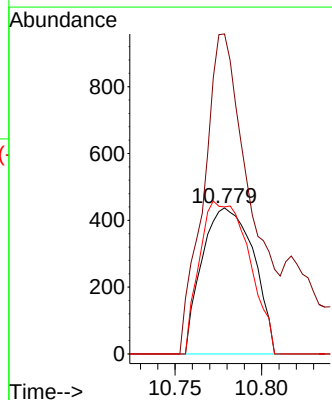
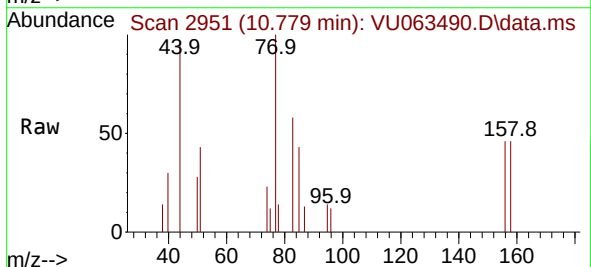
Manual Integrations
APPROVED

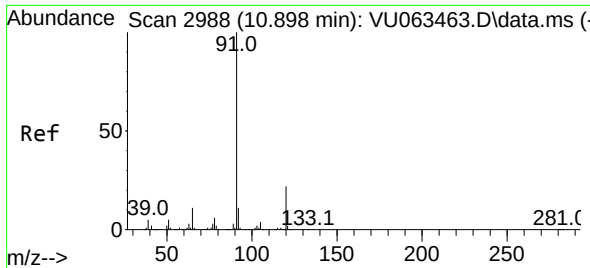
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#77
Bromobenzene
Concen: 0.600 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

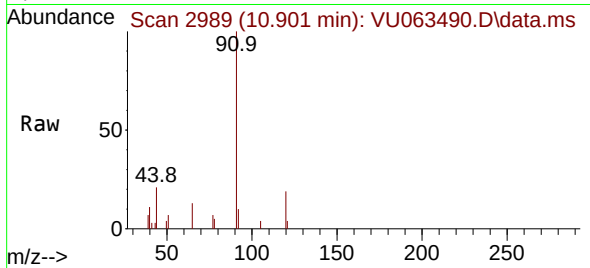
Tgt Ion:156 Resp: 903
Ion Ratio Lower Upper
156 100
77 197.1 78.2 234.6
158 100.8 46.8 140.4





#78
n-propylbenzene
Concen: 0.673 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

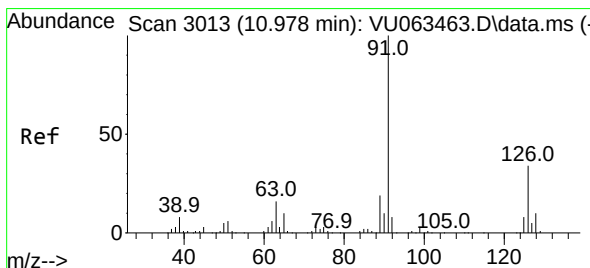
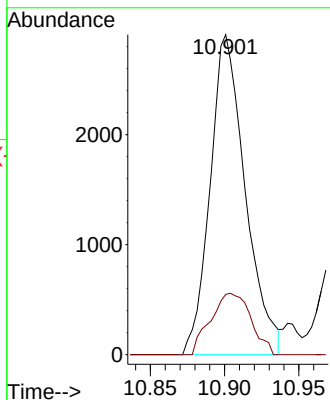
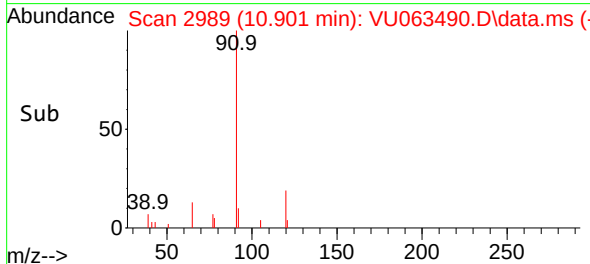
Instrument :
MSVOA_U
ClientSampleId :
MDL04



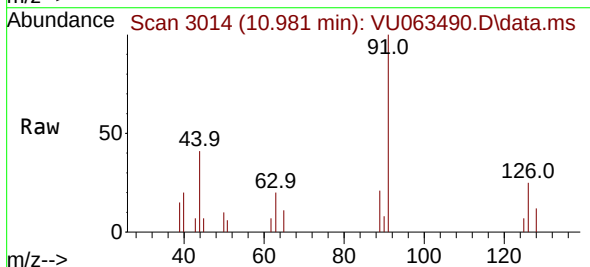
Tgt Ion: 91 Resp: 478
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4

Manual Integrations
APPROVED

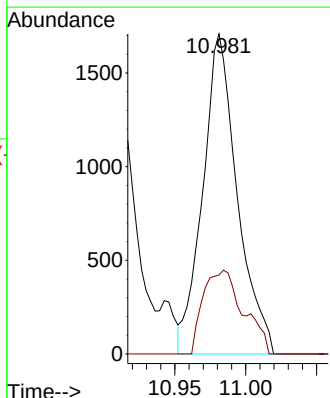
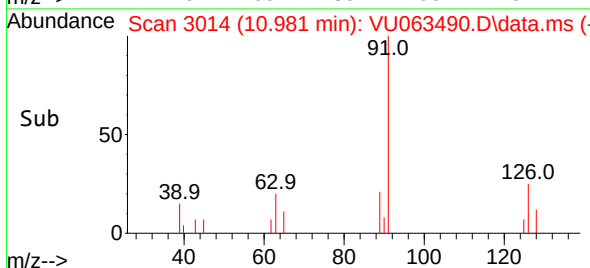
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

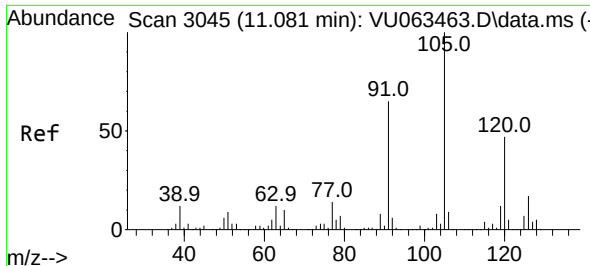


#79
2-Chlorotoluene
Concen: 0.647 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



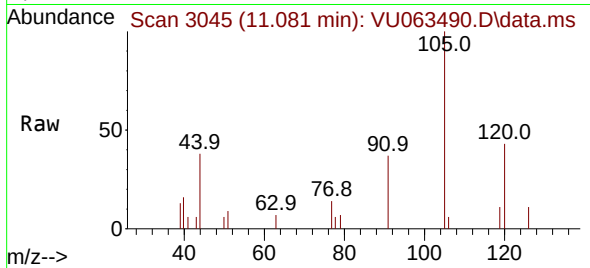
Tgt Ion: 91 Resp: 2889
Ion Ratio Lower Upper
91 100
126 30.5 15.9 47.7





#80
1,3,5-Trimethylbenzene
Concen: 0.603 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

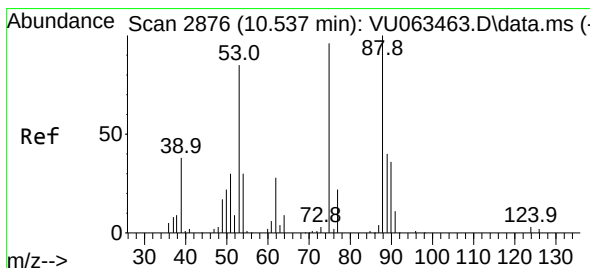
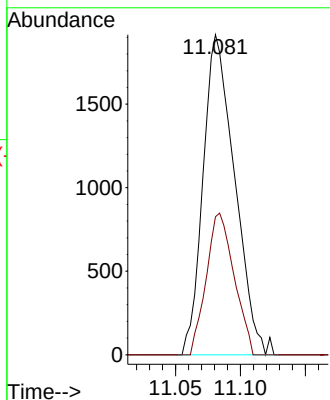
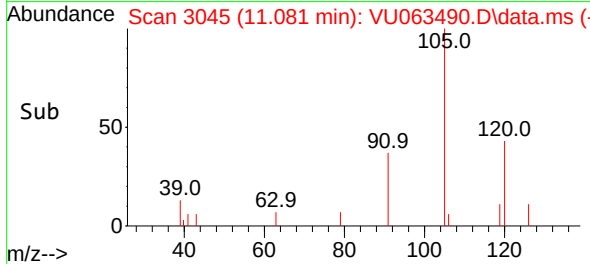
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion:105 Resp: 3238
Ion Ratio Lower Upper
105 100
120 38.8 23.4 70.2

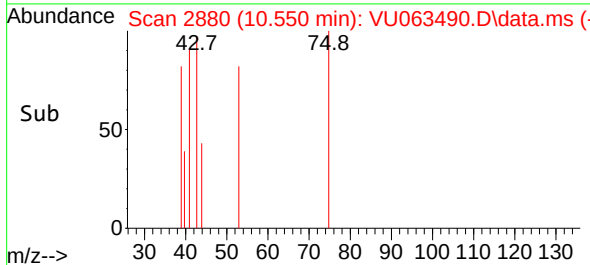
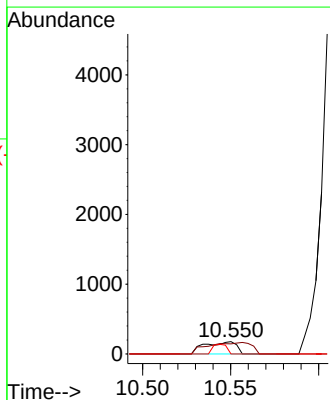
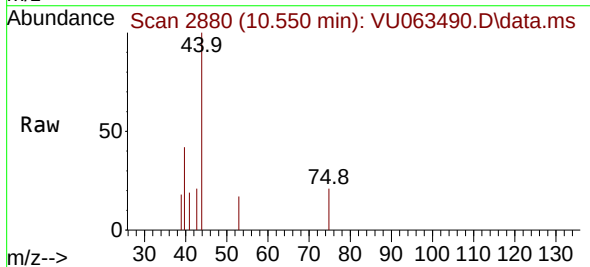
Manual Integrations
APPROVED

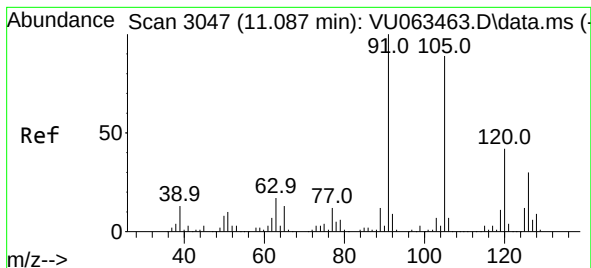
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 0.451 ug/l m
RT: 10.550 min Scan# 2880
Delta R.T. 0.013 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion: 75 Resp: 216
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#





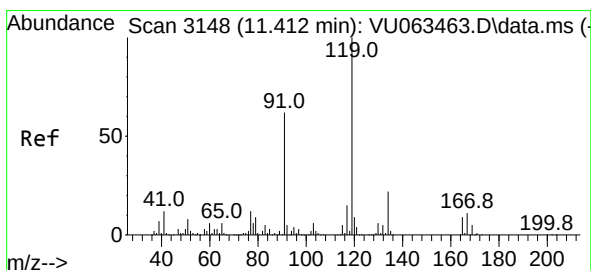
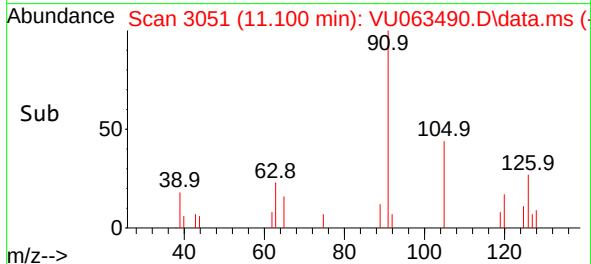
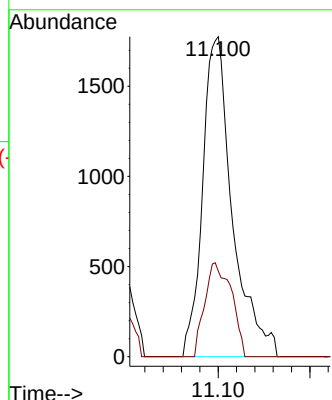
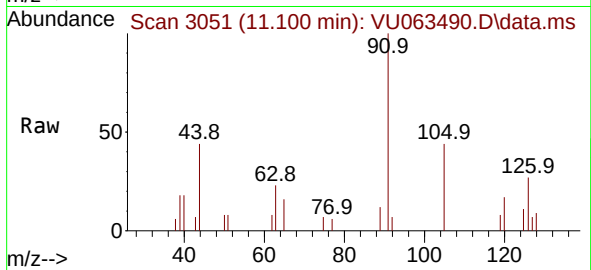
#82
4-Chlorotoluene
Concen: 0.792 ug/l
RT: 11.100 min Scan# 3047
Delta R.T. 0.013 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 401
Ion Ratio Lower Upper
91 100
126 26.3 14.4 43.2

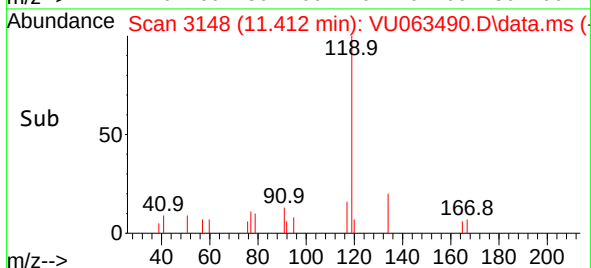
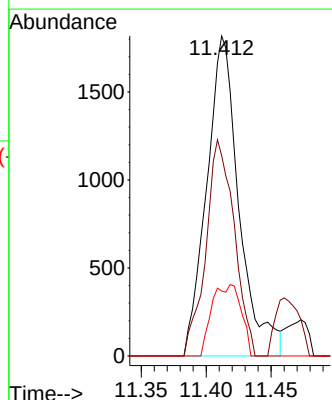
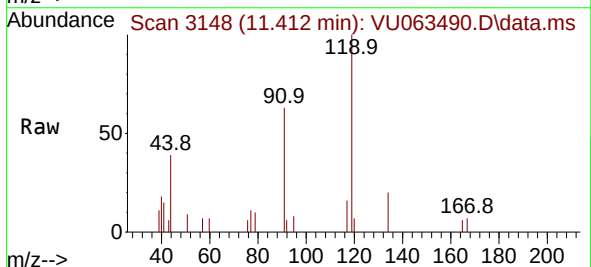
Manual Integrations
APPROVED

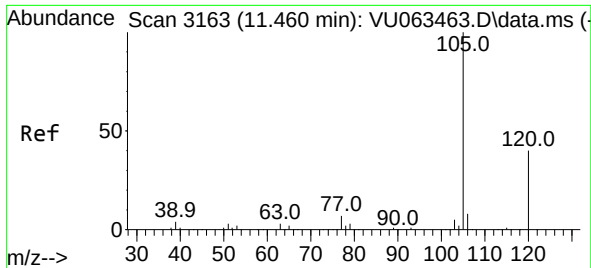
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#83
tert-Butylbenzene
Concen: 0.611 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Tgt Ion:119 Resp: 3143
Ion Ratio Lower Upper
119 100
91 59.3 30.3 91.0
134 20.1 11.2 33.6





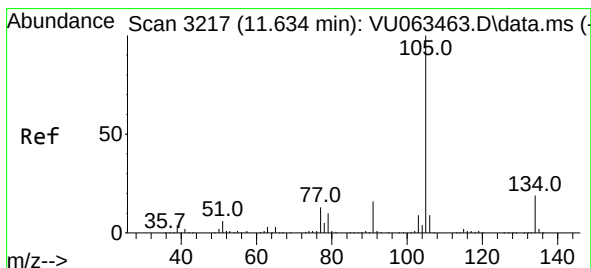
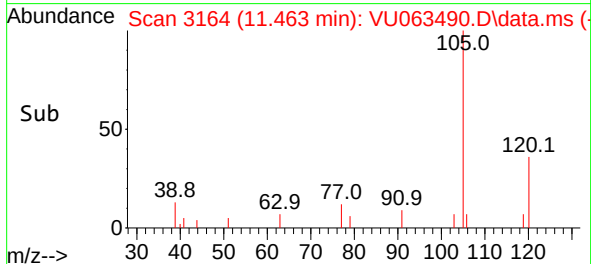
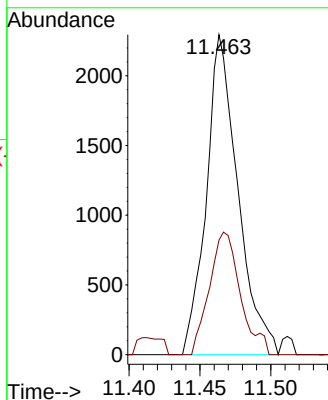
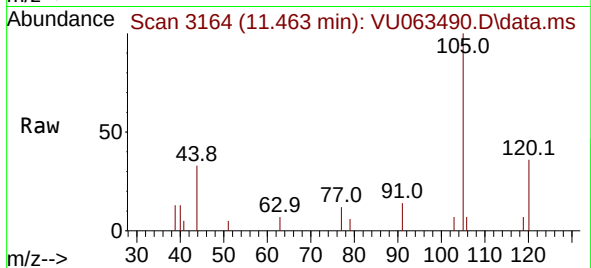
#84
1,2,4-Trimethylbenzene
Concen: 0.673 ug/l
RT: 11.463 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 3549
Ion Ratio Lower Upper
105 100
120 37.7 22.1 66.3

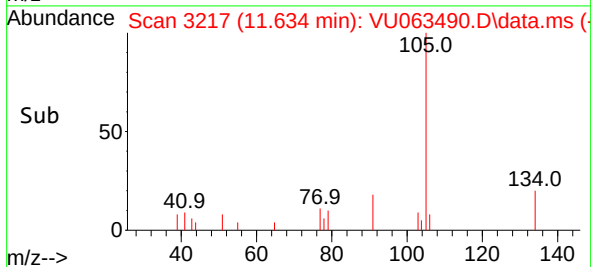
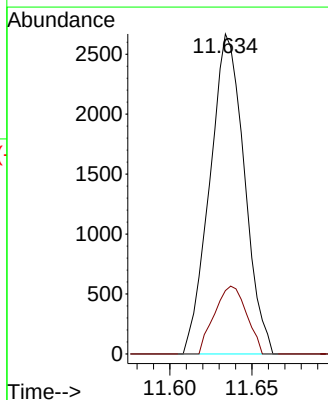
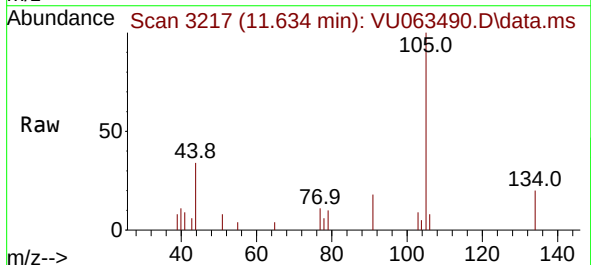
Manual Integrations
APPROVED

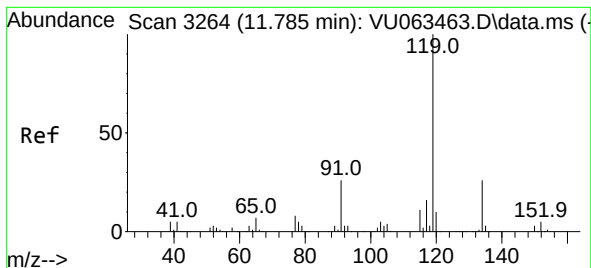
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#85
sec-Butylbenzene
Concen: 0.574 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

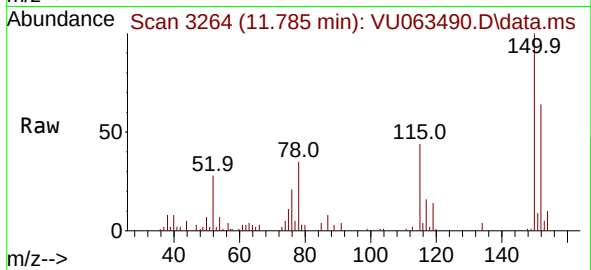
Tgt Ion:105 Resp: 3896
Ion Ratio Lower Upper
105 100
134 19.7 9.7 29.1





#86
p-Isopropyltoluene
Concen: 0.646 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

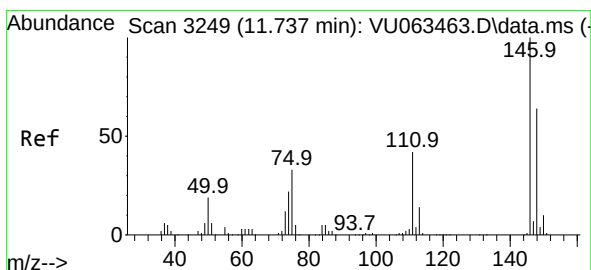
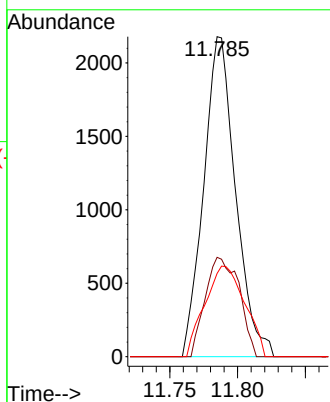
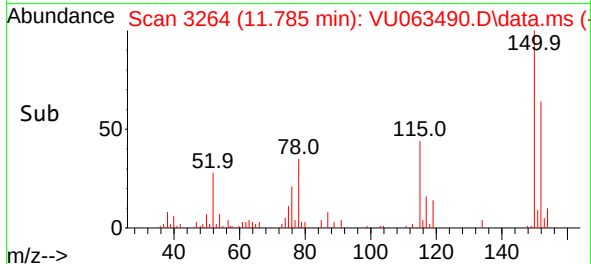
Instrument :
MSVOA_U
ClientSampleId :
MDL04



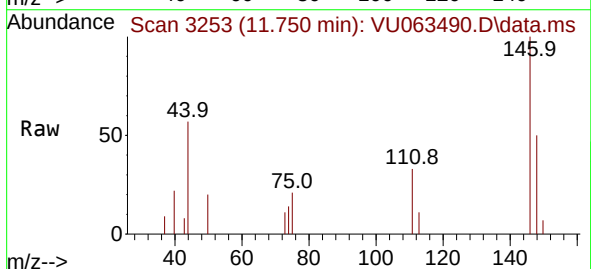
Tgt Ion:119 Resp: 356
Ion Ratio Lower Upper
119 100
134 33.0 13.0 38.9
91 35.4 13.0 38.9

Manual Integrations
APPROVED

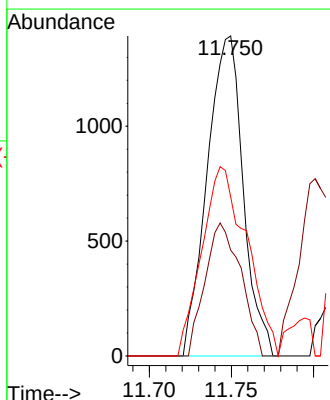
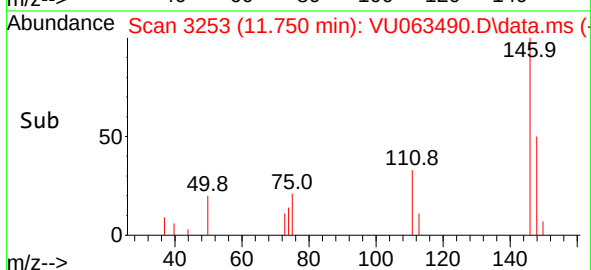
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

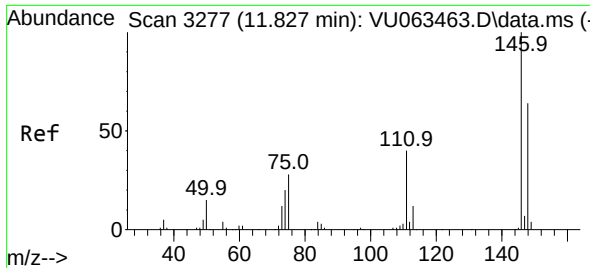


#87
1,3-Dichlorobenzene
Concen: 0.733 ug/l
RT: 11.750 min Scan# 3253
Delta R.T. 0.013 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



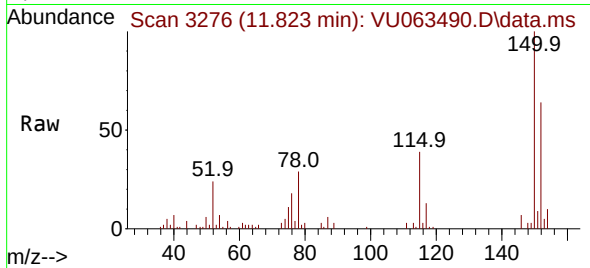
Tgt Ion:146 Resp: 2125
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.7
148 73.6 31.9 95.9





#88
1,4-Dichlorobenzene
Concen: 0.817 ug/l m
RT: 11.823 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

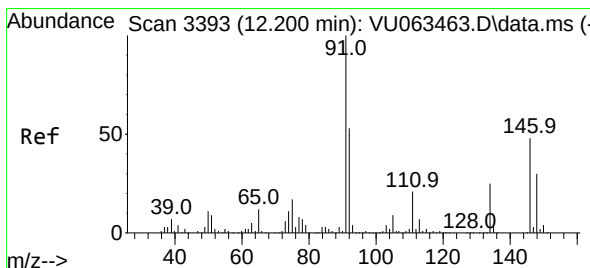
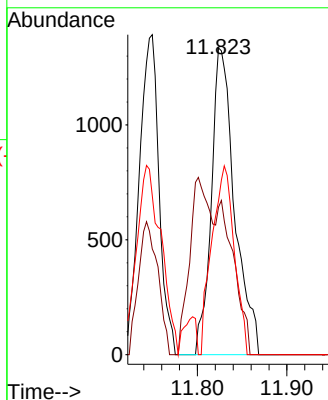
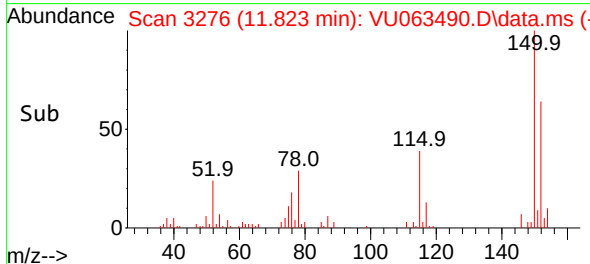
Instrument :
MSVOA_U
ClientSampleId :
MDL04



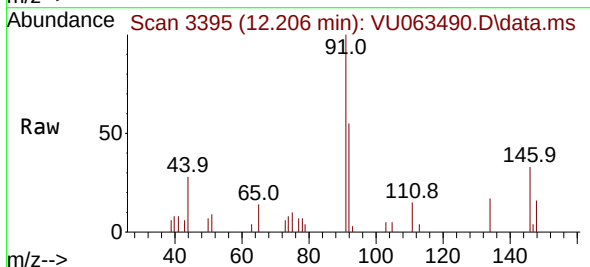
Tgt Ion:146 Resp: 2414
Ion Ratio Lower Upper
146 100
111 36.2 20.8 62.4
148 64.8 31.9 95.9

Manual Integrations
APPROVED

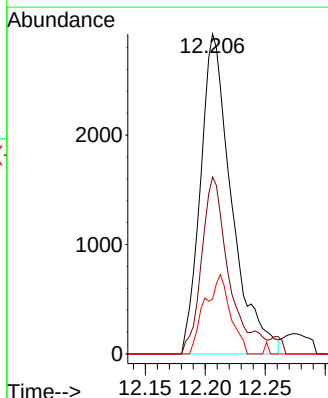
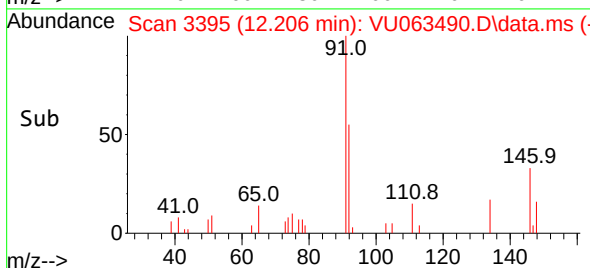
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

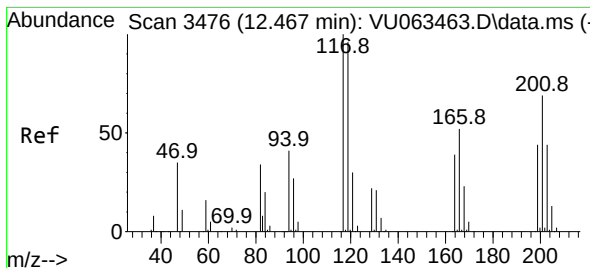


#89
n-Butylbenzene
Concen: 1.030 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



Tgt Ion: 91 Resp: 5253
Ion Ratio Lower Upper
91 100
92 48.8 26.4 79.2
134 20.3 12.4 37.0





#90

Hexachloroethane

Concen: 0.354 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

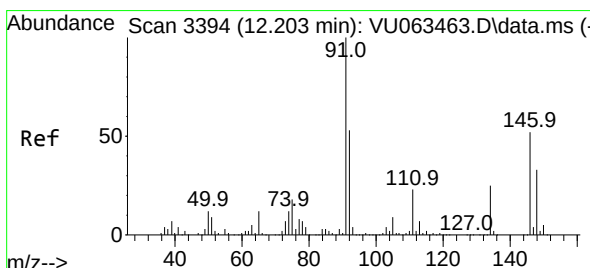
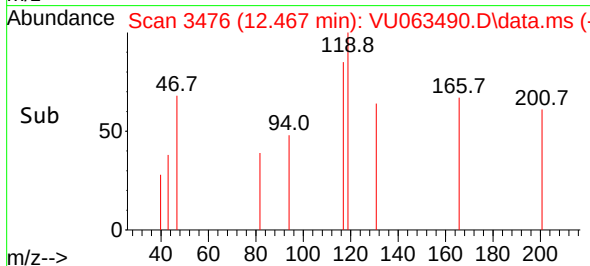
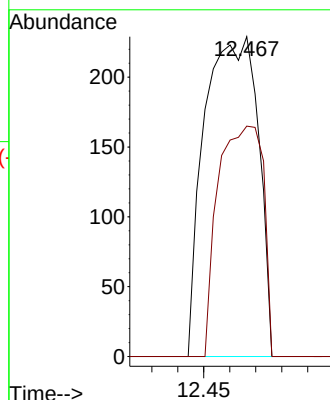
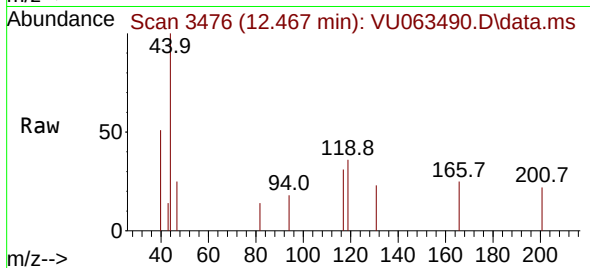
MDL04

Tgt Ion:117 Resp: 320
 Ion Ratio Lower Upper
 117 100
 201 60.7 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: 0.696 ug/l

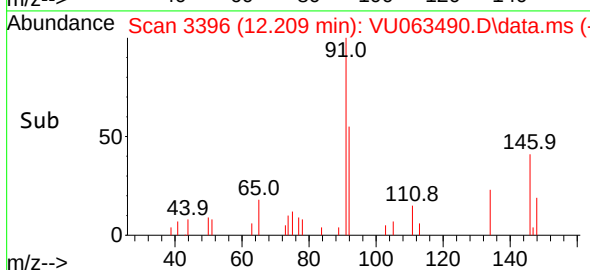
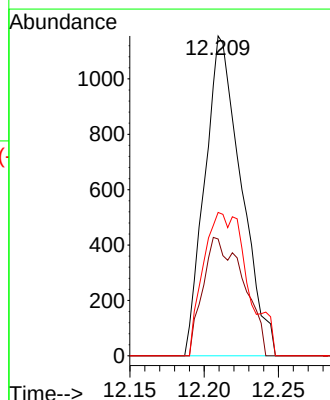
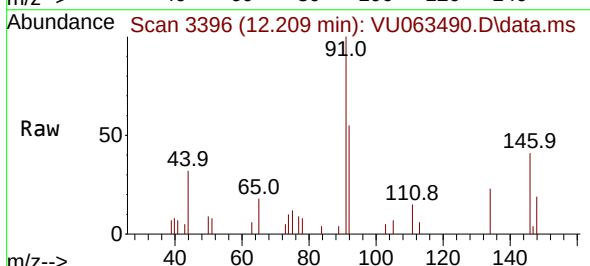
RT: 12.209 min Scan# 3396

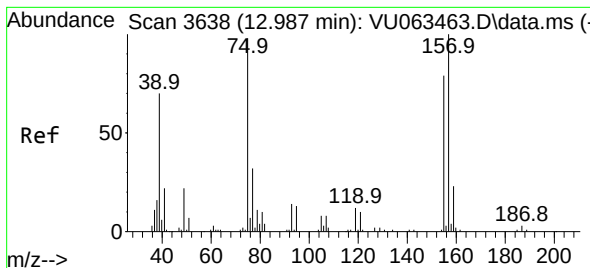
Delta R.T. 0.006 min

Lab File: VU063490.D

Acq: 11 Jul 2025 12:01

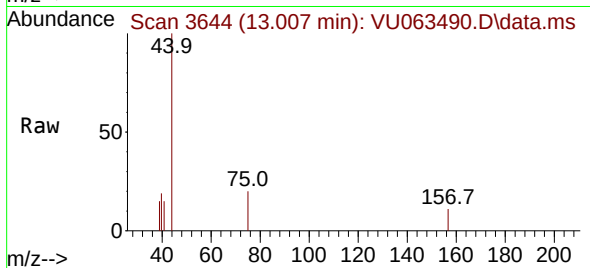
Tgt Ion:146 Resp: 1966
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.9 65.5
 148 54.7 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.465 ug/l
RT: 13.007 min Scan# 30
Delta R.T. 0.019 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

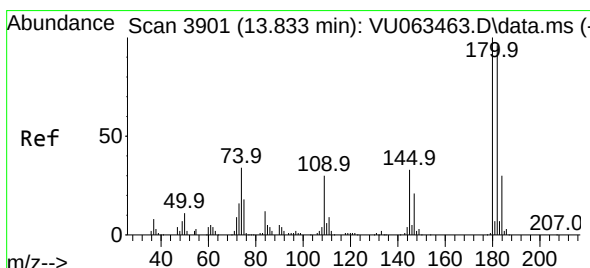
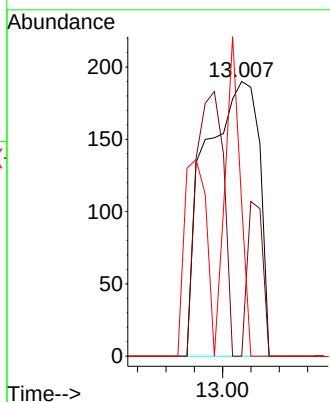
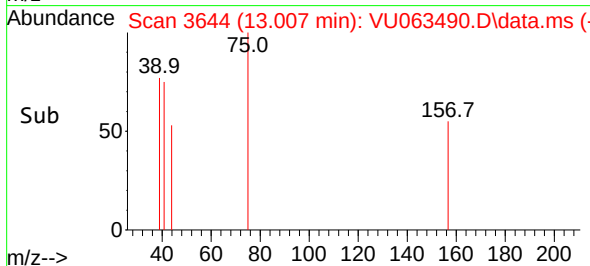
Instrument :
MSVOA_U
ClientSampleId :
MDL04



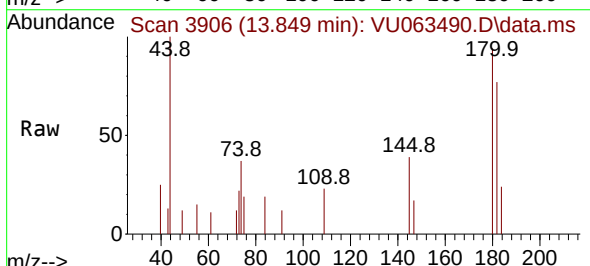
Tgt Ion: 75 Resp: 249
Ion Ratio Lower Upper
75 100
155 16.1 39.1 117.5
157 32.9 49.4 148.2

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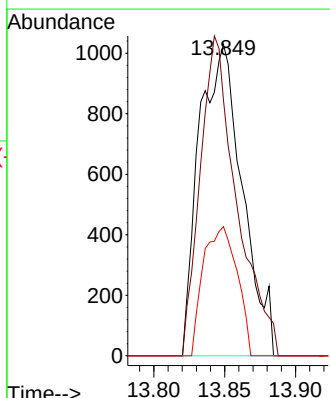
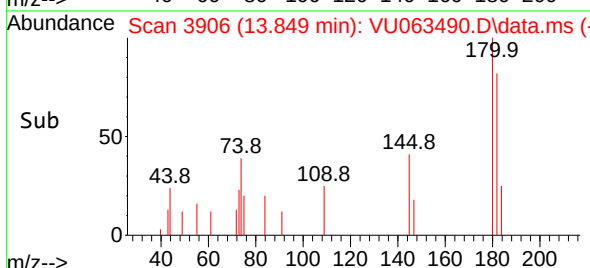
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

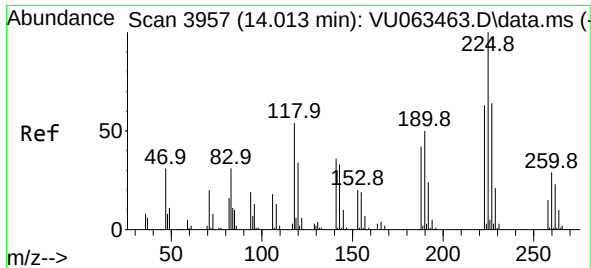


#93
1,2,4-Trichlorobenzene
Concen: 1.207 ug/l
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



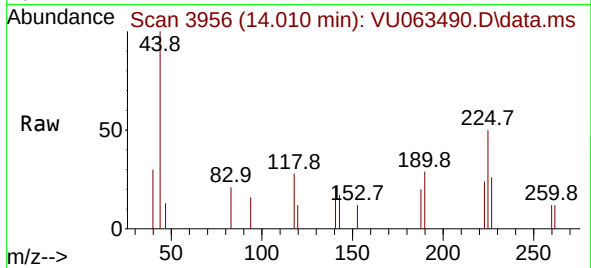
Tgt Ion:180 Resp: 2185
Ion Ratio Lower Upper
180 100
182 86.8 47.7 143.1
145 32.4 16.6 49.7





#94
Hexachlorobutadiene
Concen: 0.804 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01

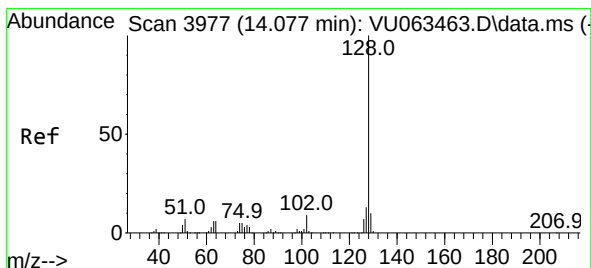
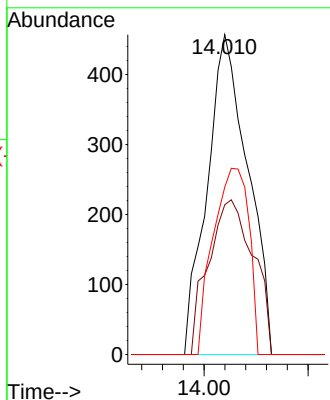
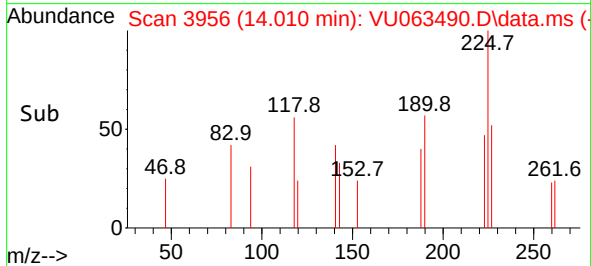
Instrument :
MSVOA_U
ClientSampleId :
MDL04



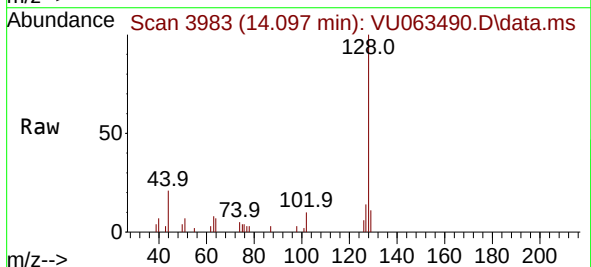
Tgt Ion:225 Resp: 62.1
Ion Ratio Lower Upper
225 100
223 53.5 32.4 97.0
227 51.0 32.3 96.9

Manual Integrations
APPROVED

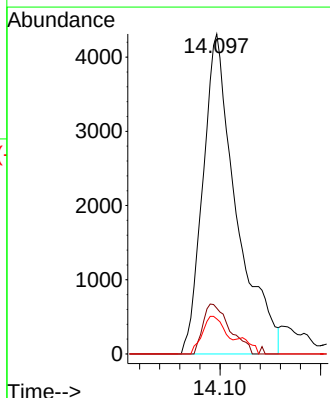
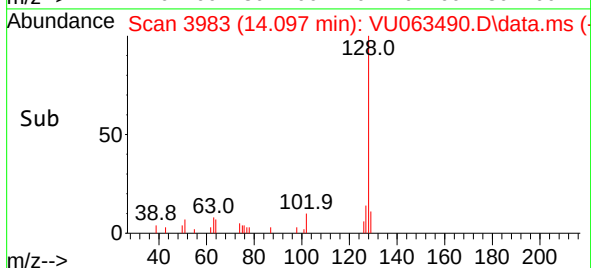
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

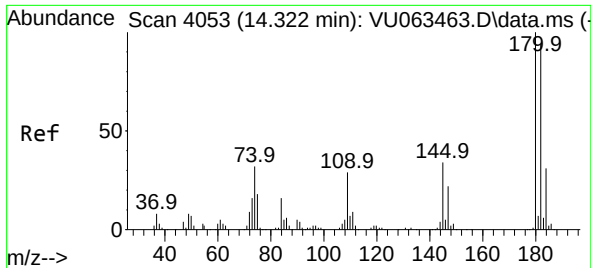


#95
Naphthalene
Concen: 1.671 ug/l
RT: 14.097 min Scan# 3983
Delta R.T. 0.019 min
Lab File: VU063490.D
Acq: 11 Jul 2025 12:01



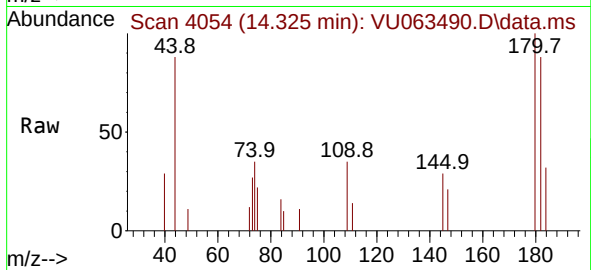
Tgt Ion:128 Resp: 9906
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 8.1 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.148 ug/l
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU063490.D
 Acq: 11 Jul 2025 12:01

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion:180 Resp: 2042
 Ion Ratio Lower Upper
 180 100
 182 83.0 47.8 143.3
 145 16.4 17.2 51.5

Manual Integrations
 APPROVED

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 Supervised By :Semsettin Yesilyurt 07/16/2025

