

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063497.D
 Acq On : 11 Jul 2025 17:02
 Operator : MD/SY
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 03:59:50 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	5.358	168	98344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	181303	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	165584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	84841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	70331	56.052	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.100%			
35) Dibromofluoromethane	5.277	113	54192	49.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.180%			
50) Toluene-d8	7.888	98	166298	46.682	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.360%			
62) 4-Bromofluorobenzene	10.624	95	75778	48.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	292	0.373	ug/l #	43
3) Chloromethane	1.519	50	805	0.845	ug/l	97
4) Vinyl Chloride	1.599	62	531	0.503	ug/l #	79
5) Bromomethane	1.850	94	835	1.128	ug/l #	71
6) Chloroethane	1.920	64	622	0.813	ug/l	91
7) Trichlorofluoromethane	2.123	101	824	0.484	ug/l #	83
8) Diethyl Ether	2.367	74	312	0.439	ug/l	65
9) 1,1,2-Trichlorotrifluo...	2.570	101	509	0.505	ug/l	93
10) Methyl Iodide	2.708	142	787	0.748	ug/l #	77
11) Tert butyl alcohol	3.200	59	1916m	4.554	ug/l	
12) 1,1-Dichloroethene	2.570	96	776	0.827	ug/l #	63
13) Acrolein	2.483	56	421m	7.090	ug/l	
14) Allyl chloride	2.904	41	1487m	0.666	ug/l	
15) Acrylonitrile	3.306	53	3186	3.536	ug/l #	81
16) Acetone	2.621	43	3714	3.529	ug/l	93
17) Carbon Disulfide	2.772	76	1810	0.807	ug/l #	91
18) Methyl Acetate	2.949	43	1933	0.714	ug/l #	86
19) Methyl tert-butyl Ether	3.361	73	1830	0.452	ug/l	99
20) Methylene Chloride	3.023	84	1194	0.778	ug/l #	93
21) trans-1,2-Dichloroethene	3.338	96	603	0.598	ug/l #	77
22) Diisopropyl ether	3.994	45	1860	0.489	ug/l #	76
23) Vinyl Acetate	3.965	43	6534	2.214	ug/l	98
24) 1,1-Dichloroethane	3.846	63	1072m	0.497	ug/l	
25) 2-Butanone	4.750	43	5479m	4.637	ug/l	
26) 2,2-Dichloropropane	4.644	77	788	0.420	ug/l #	57
27) cis-1,2-Dichloroethene	4.653	96	536m	0.403	ug/l	
28) Bromochloromethane	4.965	49	518	0.511	ug/l #	92
29) Tetrahydrofuran	5.078	42	2238	3.003	ug/l #	80
30) Chloroform	5.081	83	1212	0.532	ug/l	93
31) Cyclohexane	5.358	56	3759	2.167	ug/l #	47
32) 1,1,1-Trichloroethane	5.290	97	800	0.412	ug/l #	49
36) 1,1-Dichloropropene	5.505	75	770m	0.519	ug/l	
37) Ethyl Acetate	4.862	43	1406m	0.585	ug/l	
38) Carbon Tetrachloride	5.505	117	1020m	0.623	ug/l	
39) Methylcyclohexane	6.740	83	891	0.497	ug/l #	93
40) Benzene	5.772	78	2287	0.493	ug/l	99

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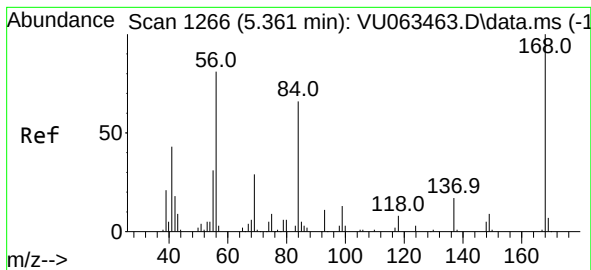
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

Quant Time: Jul 12 03:59:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
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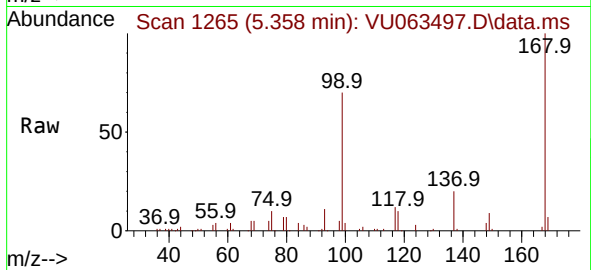
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.007	41	530m	0.467	ug/l	
42) 1,2-Dichloroethane	5.792	62	947m	0.543	ug/l	
43) Isopropyl Acetate	5.936	43	1841m	0.576	ug/l	
44) Trichloroethene	6.538	130	509	0.410	ug/l	99
45) 1,2-Dichloropropane	6.788	63	545	0.423	ug/l #	43
46) Dibromomethane	6.920	93	370m	0.403	ug/l	
47) Bromodichloromethane	7.103	83	634	0.332	ug/l #	89
48) Methyl methacrylate	6.985	41	1231m	0.834	ug/l	
49) 1,4-Dioxane	6.981	88	317m	9.785	ug/l	
51) 4-Methyl-2-Pentanone	7.792	43	6049	2.616	ug/l	97
52) Toluene	7.965	92	1530	0.504	ug/l	80
53) t-1,3-Dichloropropene	8.210	75	624	0.374	ug/l #	57
54) cis-1,3-Dichloropropene	7.605	75	706	0.378	ug/l #	73
55) 1,1,2-Trichloroethane	8.396	97	625	0.485	ug/l #	82
56) Ethyl methacrylate	8.345	69	664	0.320	ug/l #	58
57) 1,3-Dichloropropane	8.573	76	1065	0.502	ug/l #	67
59) 2-Hexanone	8.692	43	5182	2.963	ug/l	88
60) Dibromochloromethane	8.804	129	490	0.340	ug/l	92
61) 1,2-Dibromoethane	8.917	107	593	0.469	ug/l #	60
64) Tetrachloroethene	8.541	164	463	0.376	ug/l	93
65) Chlorobenzene	9.441	112	1737	0.504	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.531	131	426	0.361	ug/l #	63
67) Ethyl Benzene	9.573	91	2968	0.501	ug/l	95
68) m/p-Xylenes	9.692	106	2340	1.036	ug/l	93
69) o-Xylene	10.097	106	923	0.402	ug/l	80
70) Styrene	10.116	104	1680	0.460	ug/l #	79
71) Bromoform	10.283	173	316	0.307	ug/l #	96
73) Isopropylbenzene	10.476	105	2447	0.424	ug/l	99
74) N-amyl acetate	10.341	43	1490m	0.576	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.772	83	861	0.405	ug/l #	96
76) 1,2,3-Trichloropropane	10.820	75	1235m	0.549	ug/l	
77) Bromobenzene	10.779	156	628	0.444	ug/l	57
78) n-propylbenzene	10.901	91	3691	0.551	ug/l	86
79) 2-Chlorotoluene	10.981	91	2361	0.562	ug/l	88
80) 1,3,5-Trimethylbenzene	11.084	105	2315	0.458	ug/l	98
82) 4-Chlorotoluene	11.097	91	2397	0.503	ug/l	97
83) tert-Butylbenzene	11.415	119	2090	0.432	ug/l	84
84) 1,2,4-Trimethylbenzene	11.470	105	2295	0.463	ug/l	95
85) sec-Butylbenzene	11.637	105	3417	0.535	ug/l	91
86) p-Isopropyltoluene	11.791	119	2709	0.523	ug/l	86
87) 1,3-Dichlorobenzene	11.743	146	1526	0.560	ug/l	99
88) 1,4-Dichlorobenzene	11.830	146	1652m	0.594	ug/l	
89) n-Butylbenzene	12.209	91	2887	0.602	ug/l	86
91) 1,2-Dichlorobenzene	12.216	146	1468	0.552	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.994	75	149	0.296	ug/l	79
93) 1,2,4-Trichlorobenzene	13.852	180	1241	0.729	ug/l	94
94) Hexachlorobutadiene	14.010	225	277	0.381	ug/l #	59
95) Naphthalene	14.106	128	5117	0.918	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.328	180	1080	0.645	ug/l	89

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.358 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

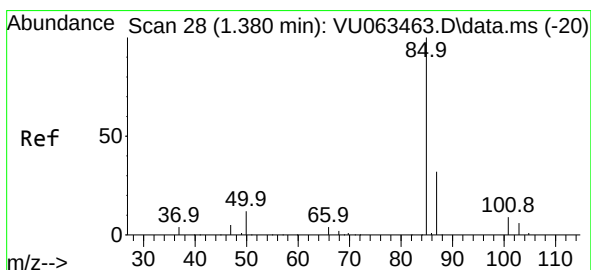
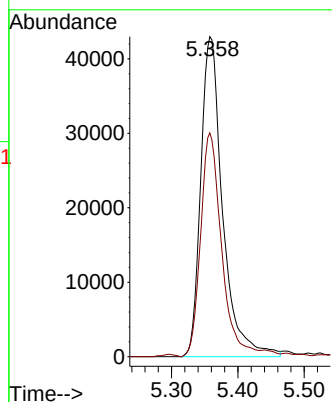
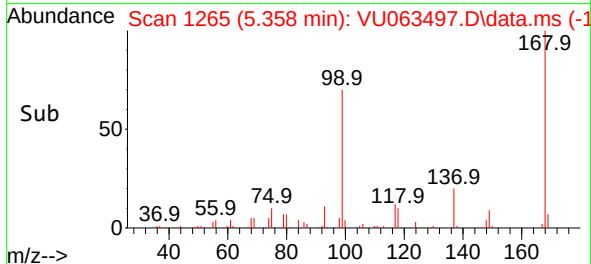
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:168 Resp: 98344
Ion Ratio Lower Upper
168 100
99 70.0 47.7 71.5

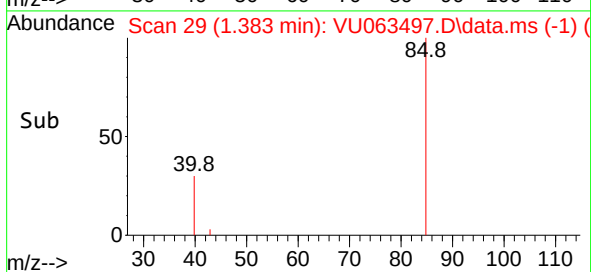
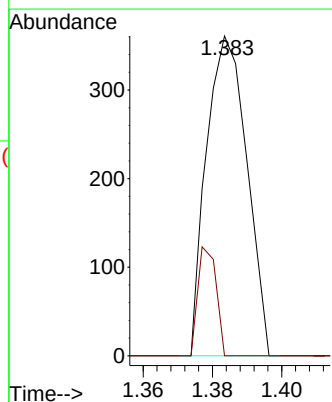
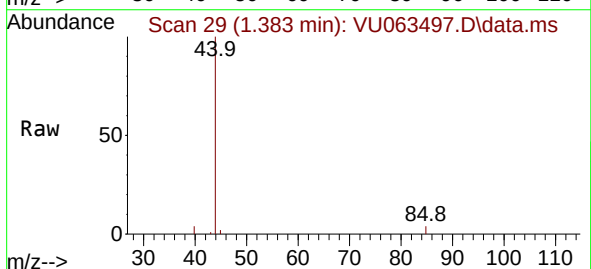
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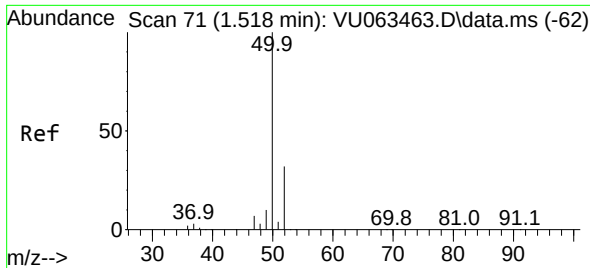
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#2
Dichlorodifluoromethane
Concen: 0.373 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

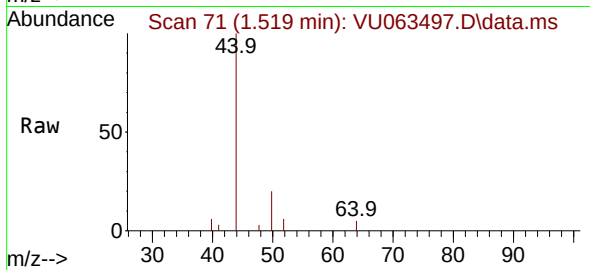
Tgt Ion: 85 Resp: 292
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#3
Chloromethane
Concen: 0.845 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

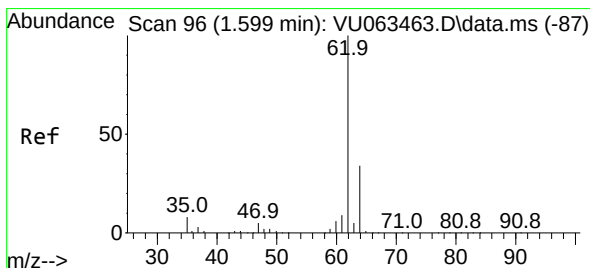
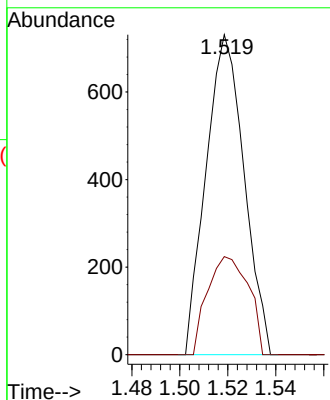
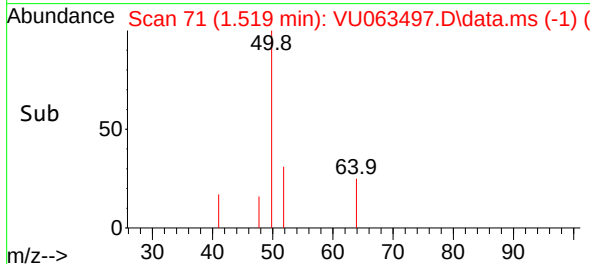
Instrument :
MSVOA_U
ClientSampleId :
MDL05



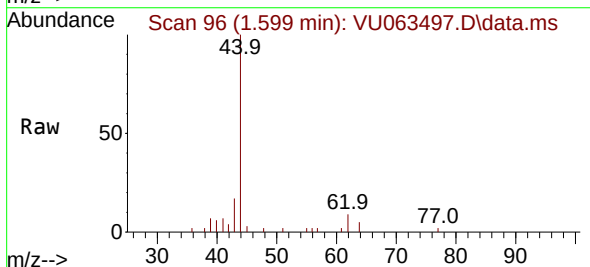
Tgt Ion: 50 Resp: 80
Ion Ratio Lower Upper
50 100
52 30.6 25.8 38.8

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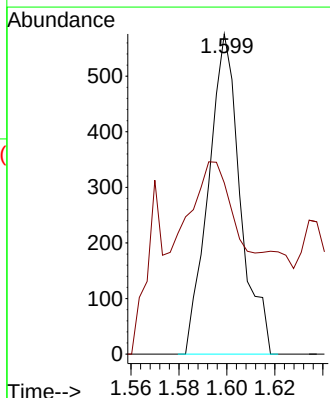
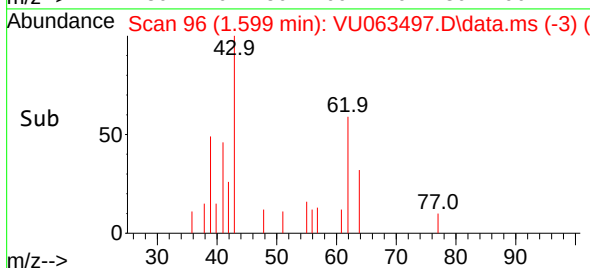
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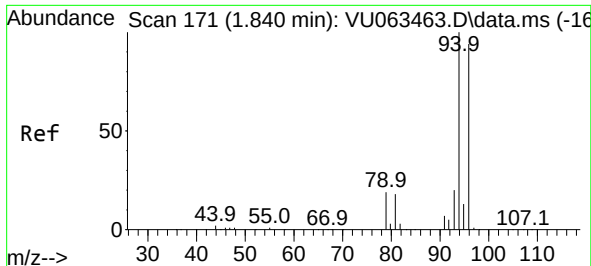


#4
Vinyl Chloride
Concen: 0.503 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



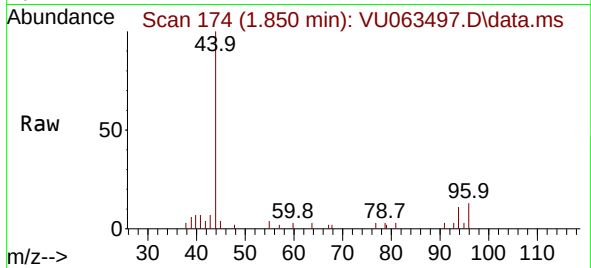
Tgt Ion: 62 Resp: 531
Ion Ratio Lower Upper
62 100
64 21.5 26.9 40.3#





#5
Bromomethane
Concen: 1.128 ug/l
RT: 1.850 min Scan# 171
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

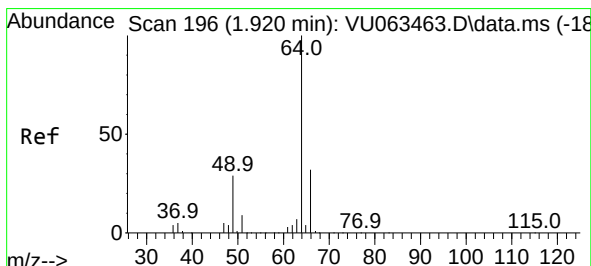
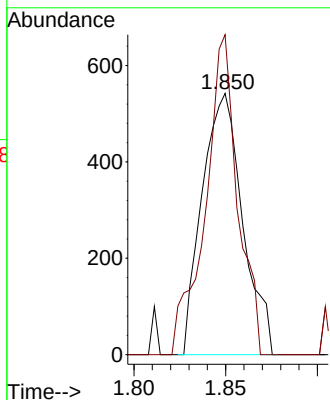
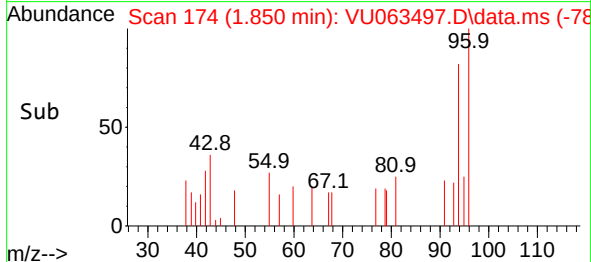
Instrument :
MSVOA_U
ClientSampleId :
MDL05



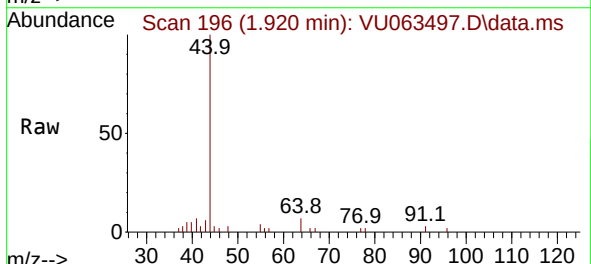
Tgt Ion: 94 Resp: 839
Ion Ratio Lower Upper
94 100
96 122.5 75.5 113.3

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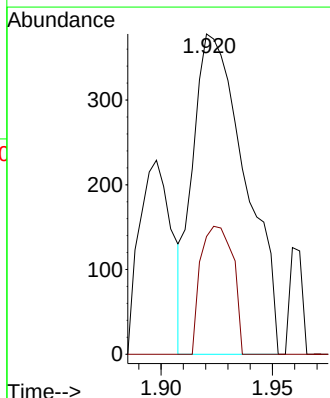
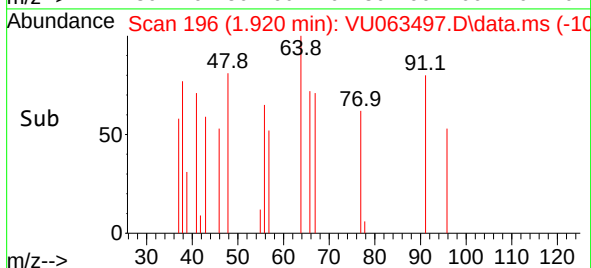
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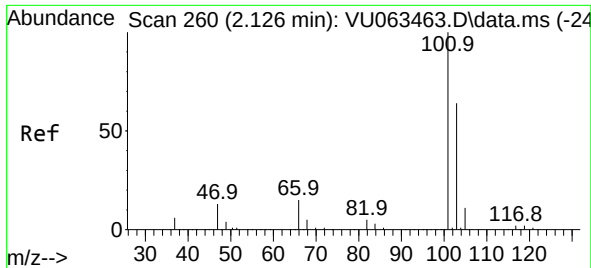


#6
Chloroethane
Concen: 0.813 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



Tgt Ion: 64 Resp: 622
Ion Ratio Lower Upper
64 100
66 36.8 25.3 37.9





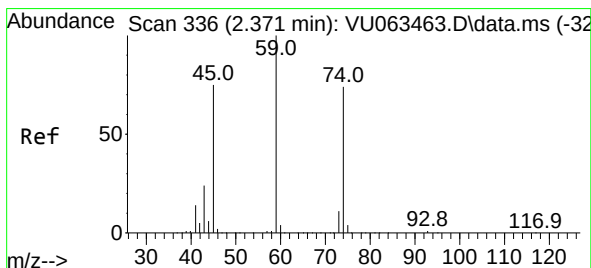
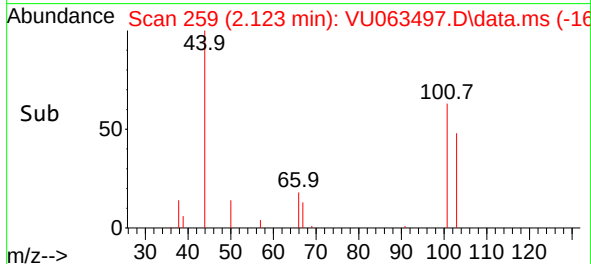
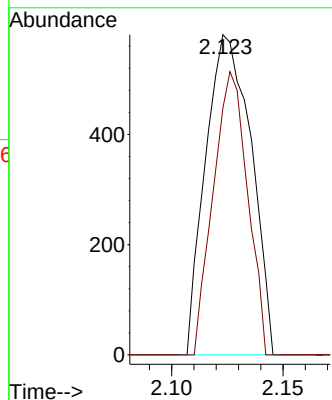
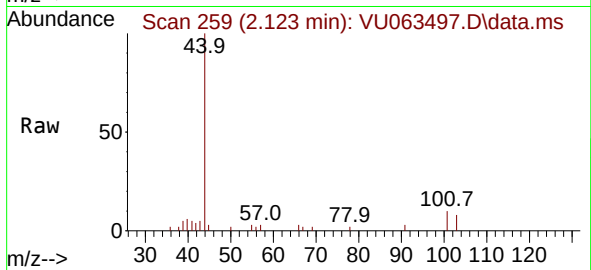
#7
Trichlorofluoromethane
Concen: 0.484 ug/l
RT: 2.123 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 824
Ion Ratio Lower Upper
101 100
103 77.1 51.1 76.7

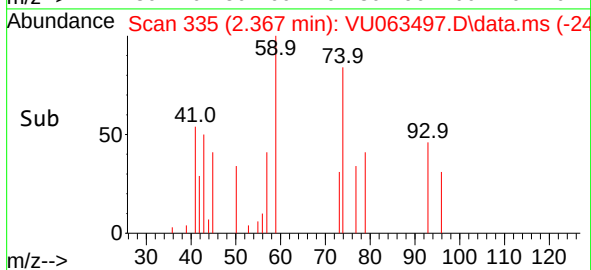
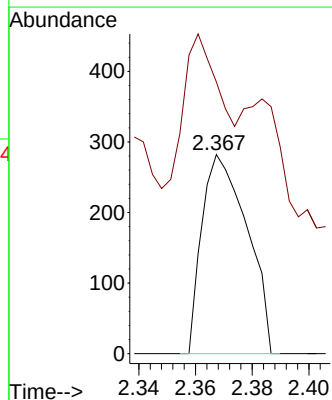
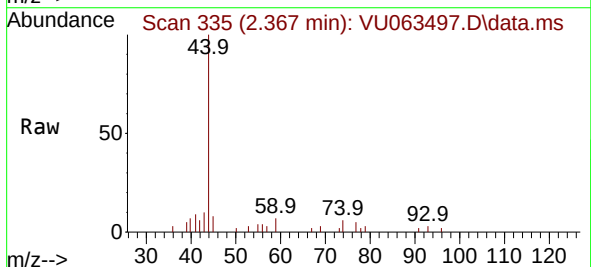
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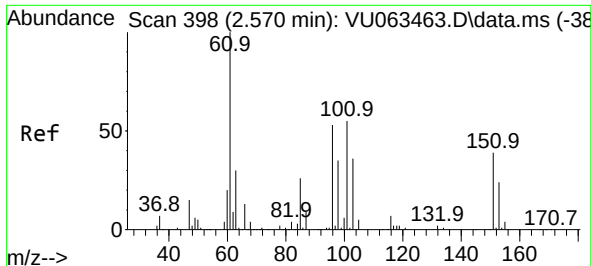
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#8
Diethyl Ether
Concen: 0.439 ug/l
RT: 2.367 min Scan# 335
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 74 Resp: 312
Ion Ratio Lower Upper
74 100
45 64.1 49.7 149.1





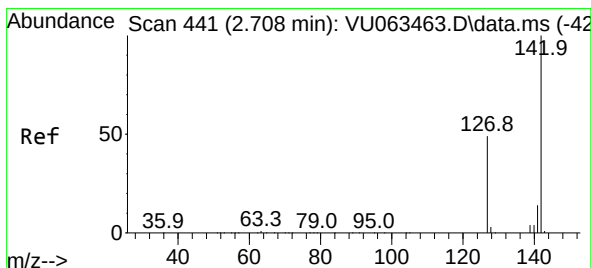
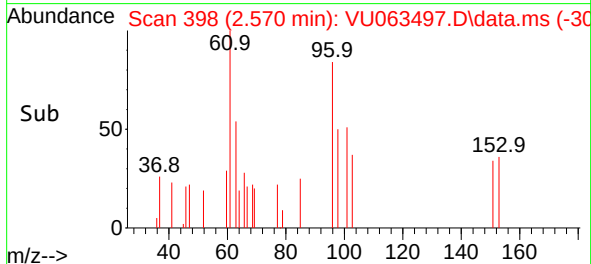
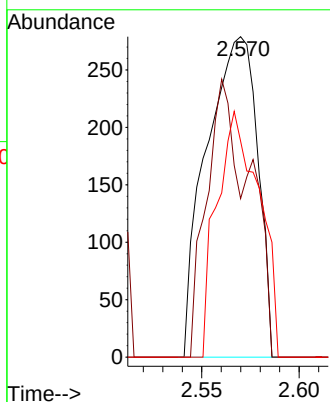
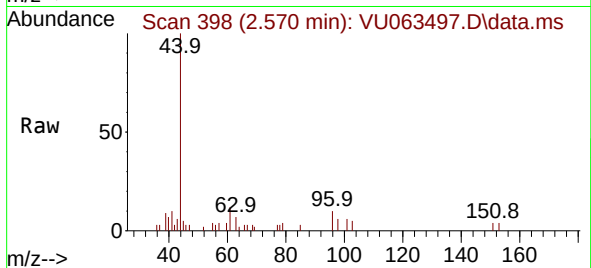
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.505 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
Client Sample Id :
MDL05

Tgt Ion:101 Resp: 509
Ion Ratio Lower Upper
101 100
85 50.9 39.6 59.4
151 63.5 57.2 85.8

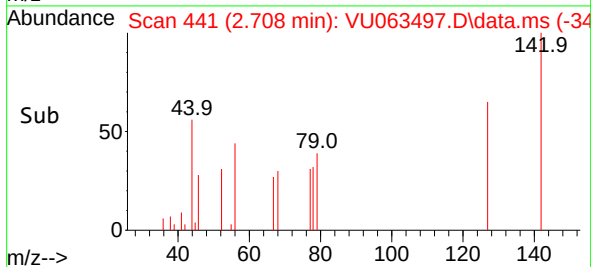
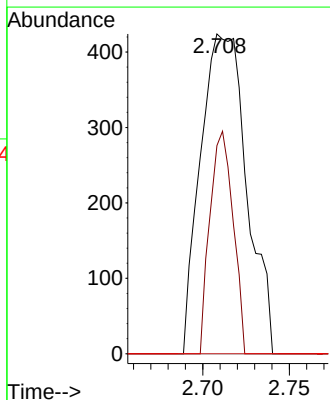
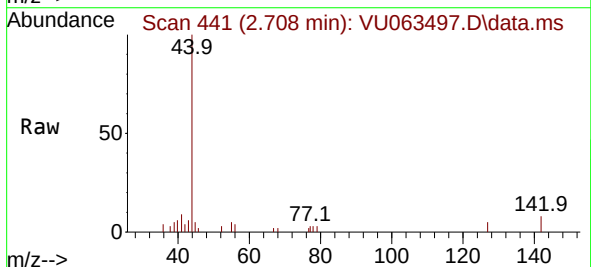
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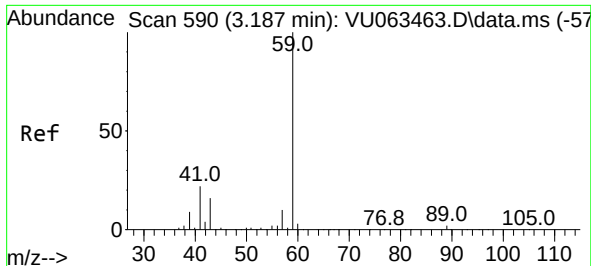
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#10
Methyl Iodide
Concen: 0.748 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

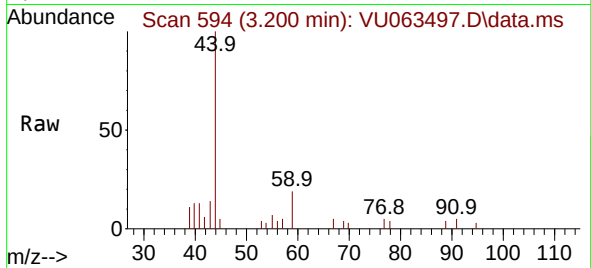
Tgt Ion:142 Resp: 787
Ion Ratio Lower Upper
142 100
127 34.8 38.2 57.4#
141 0.0 11.1 16.7#





#11
Tert butyl alcohol
Concen: 4.554 ug/l m
RT: 3.200 min Scan# 590
Delta R.T. 0.013 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

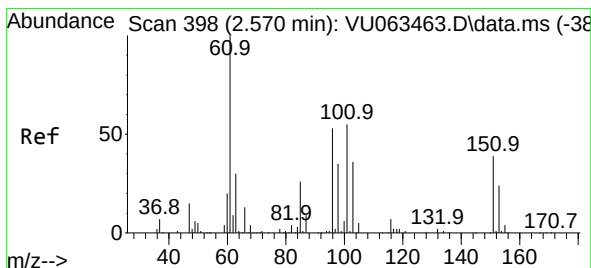
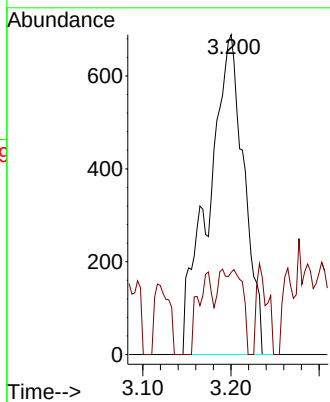
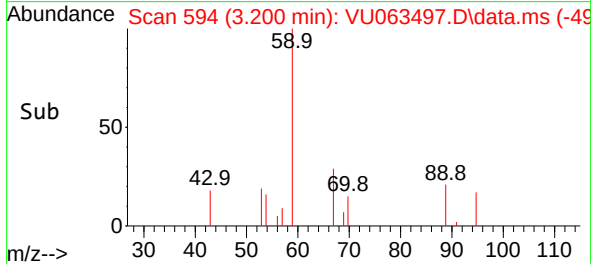
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 3.2 8.8 13.2

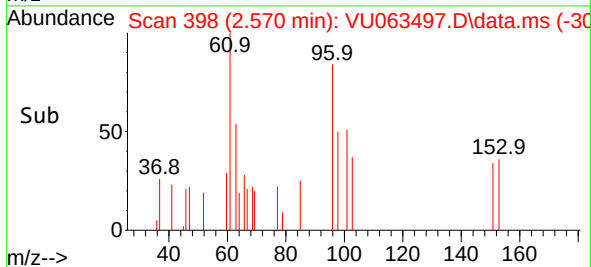
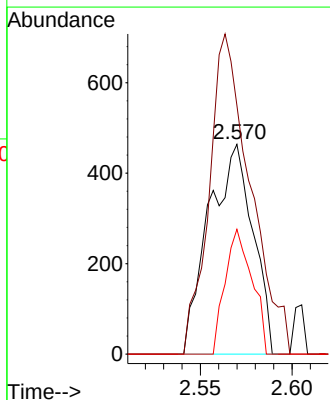
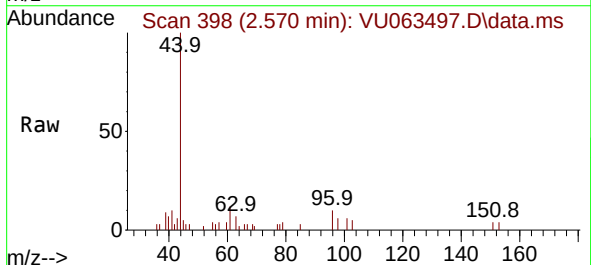
Manual Integrations
APPROVED

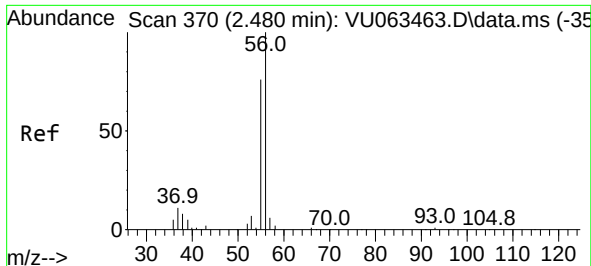
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#12
1,1-Dichloroethene
Concen: 0.827 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

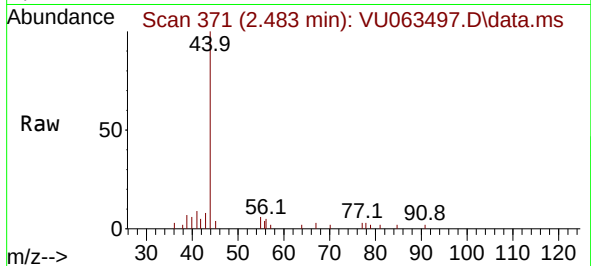
Tgt Ion: 96 Resp: 776
Ion Ratio Lower Upper
96 100
61 118.5 149.6 224.4#
98 59.5 52.0 78.0





#13
Acrolein
Concen: 7.090 ug/l m
RT: 2.483 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

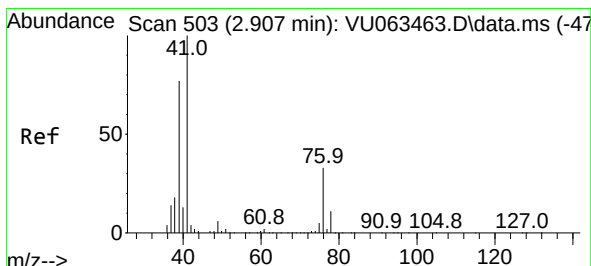
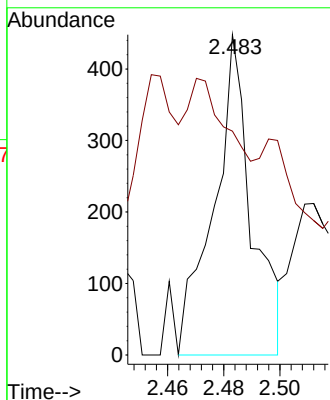
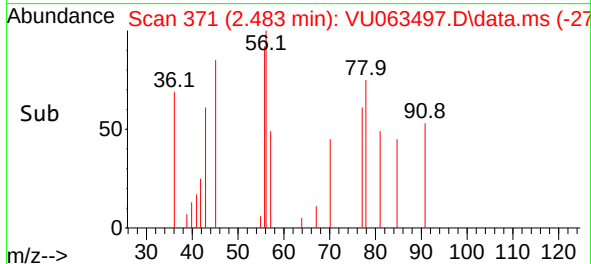
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 60.2 90.2

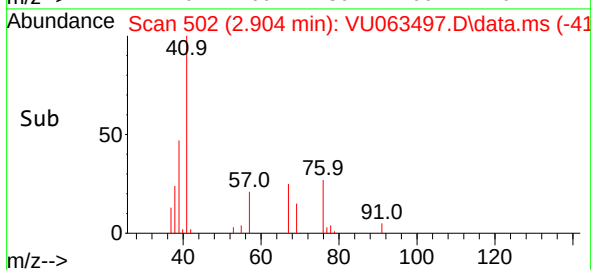
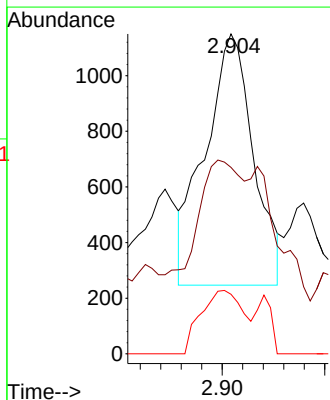
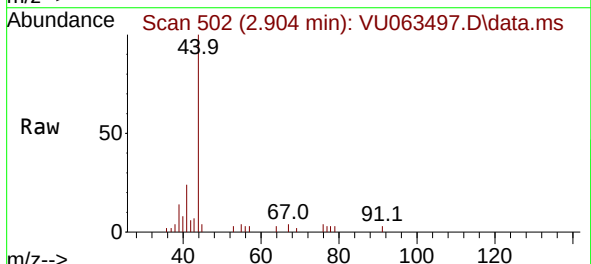
Manual Integrations
APPROVED

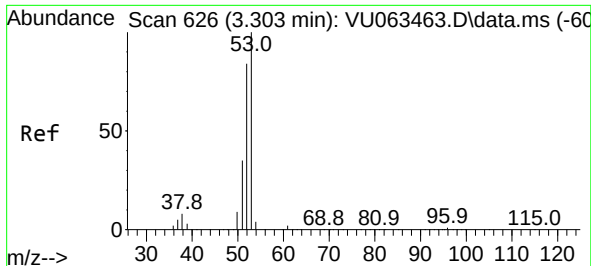
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#14
Allyl chloride
Concen: 0.666 ug/l m
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

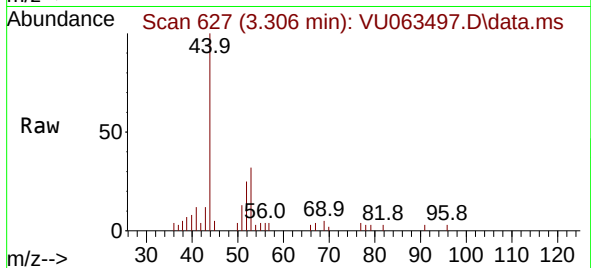
Tgt Ion: 41 Resp: 1487
Ion Ratio Lower Upper
41 100
39 0.0 53.9 80.9#
76 0.0 23.1 34.7#





#15
Acrylonitrile
Concen: 3.536 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

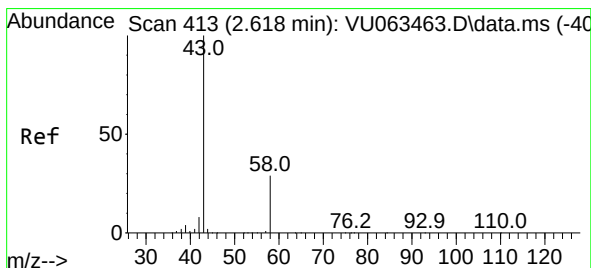
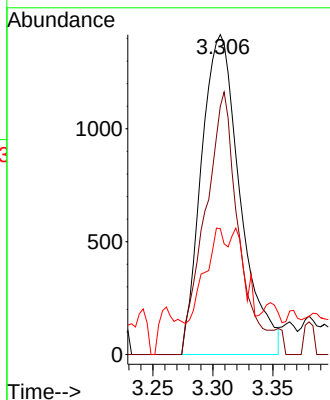
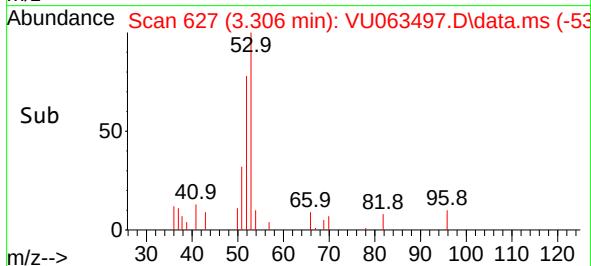
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 53 Resp: 3180
Ion Ratio Lower Upper
53 100
52 69.8 65.0 97.4
51 16.8 28.8 43.2

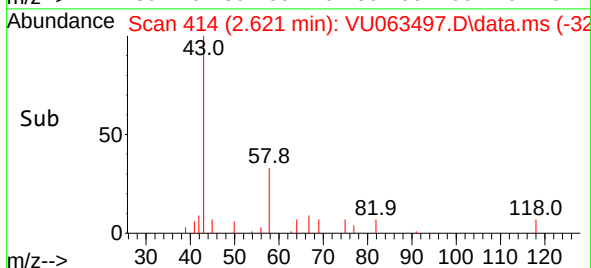
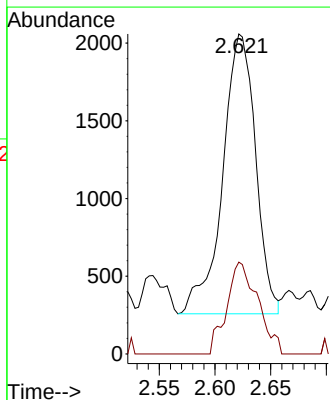
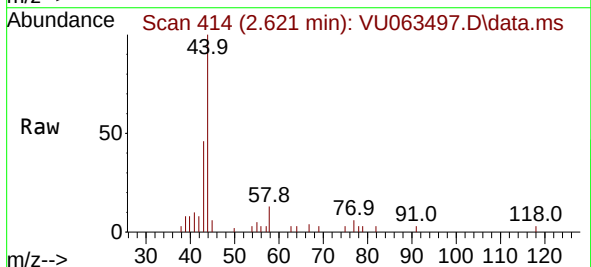
Manual Integrations
APPROVED

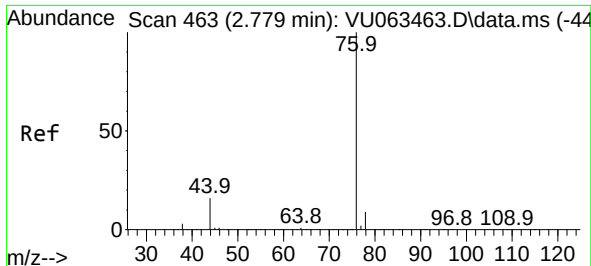
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#16
Acetone
Concen: 3.529 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

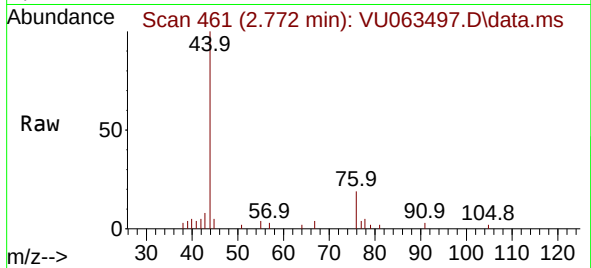
Tgt Ion: 43 Resp: 3714
Ion Ratio Lower Upper
43 100
58 32.8 23.1 34.7





#17
Carbon Disulfide
Concen: 0.807 ug/l
RT: 2.772 min Scan# 461
Delta R.T. -0.007 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

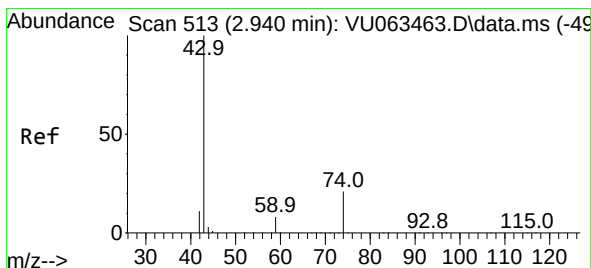
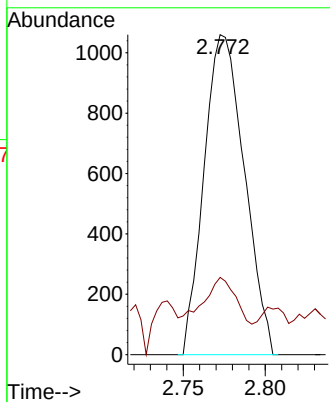
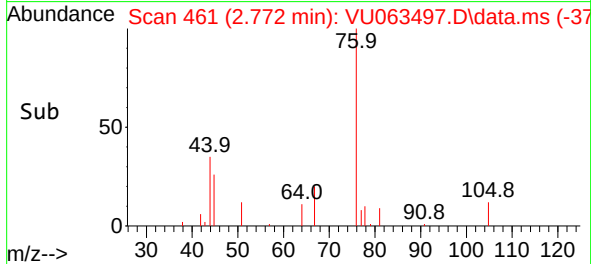
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 76 Resp: 1810
Ion Ratio Lower Upper
76 100
78 12.6 7.5 11.3

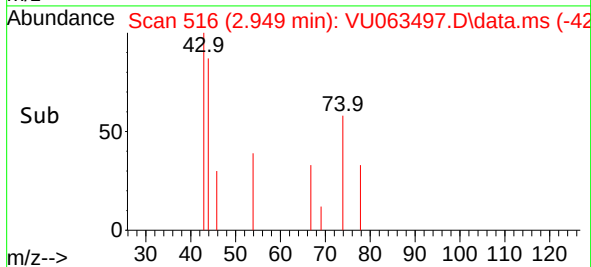
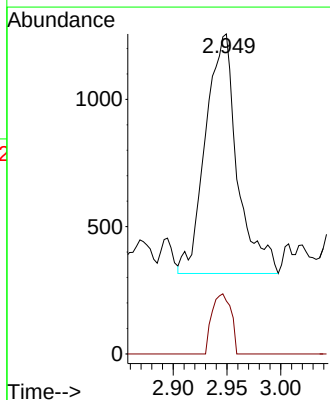
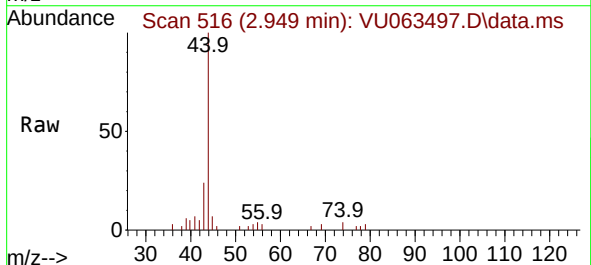
Manual Integrations
APPROVED

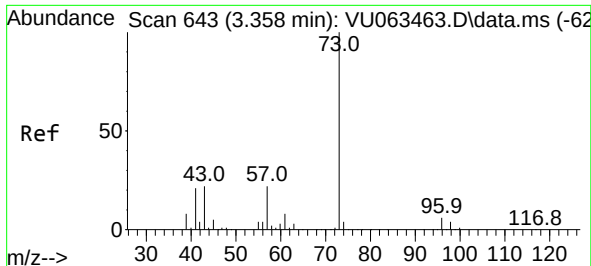
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#18
Methyl Acetate
Concen: 0.714 ug/l
RT: 2.949 min Scan# 516
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
74 15.0 17.3 25.9





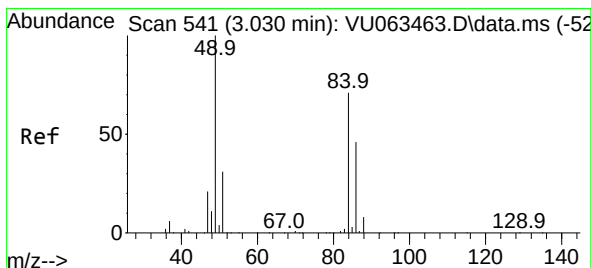
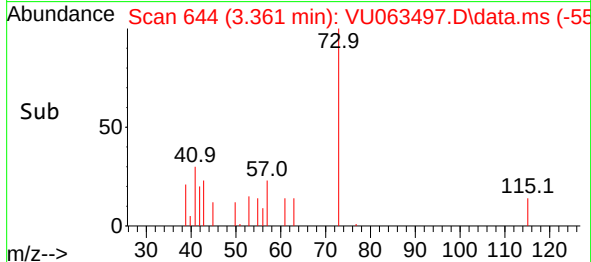
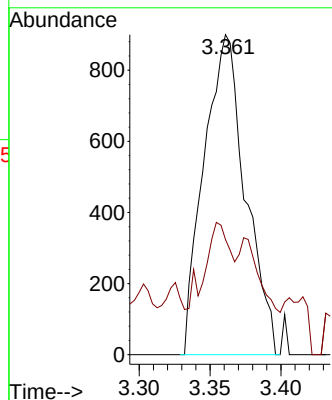
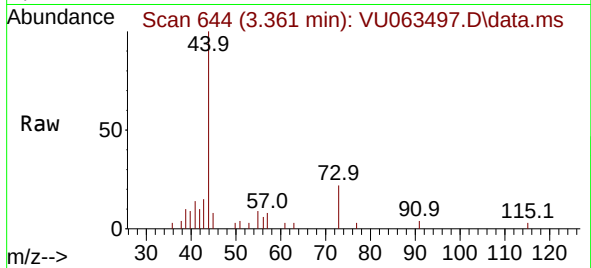
#19
Methyl tert-butyl Ether
Concen: 0.452 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 1830
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.6

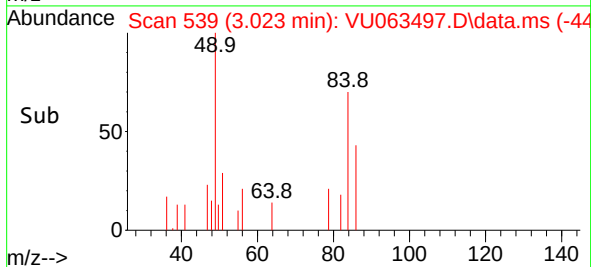
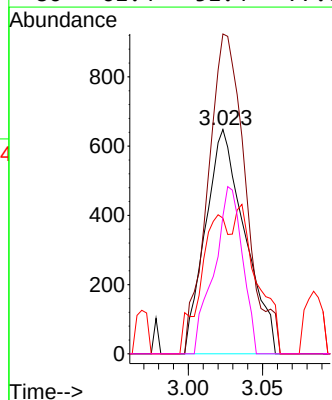
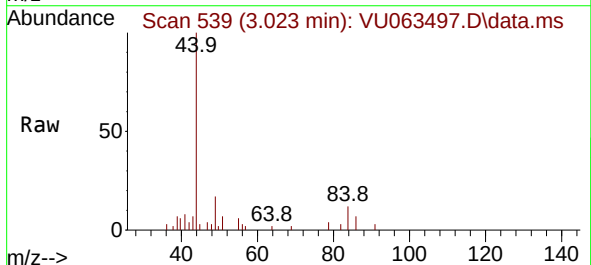
Manual Integrations
APPROVED

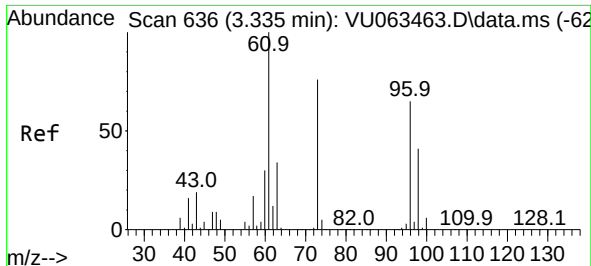
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#20
Methylene Chloride
Concen: 0.778 ug/l
RT: 3.023 min Scan# 539
Delta R.T. -0.007 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

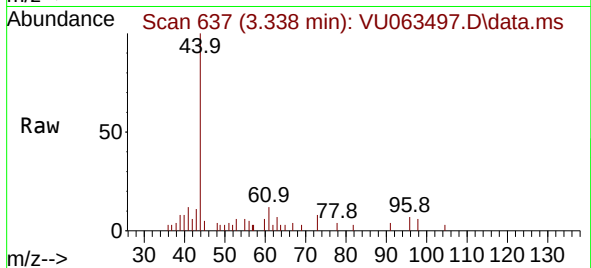
Tgt Ion: 84 Resp: 1194
Ion Ratio Lower Upper
84 100
49 142.6 112.1 168.1
51 60.5 34.4 51.6#
86 61.4 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 0.598 ug/l
RT: 3.338 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

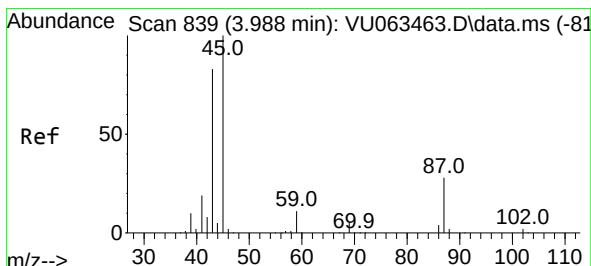
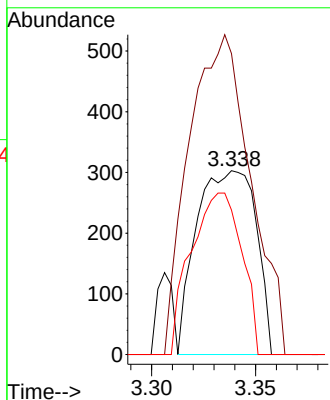
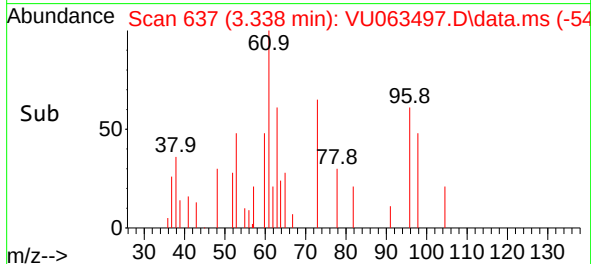
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 96 Resp: 600
Ion Ratio Lower Upper
96 100
61 121.8 122.2 183.4#
98 78.5 49.9 74.9#

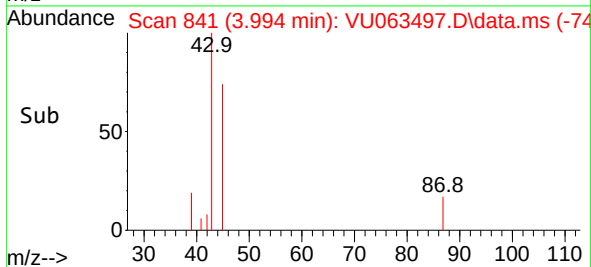
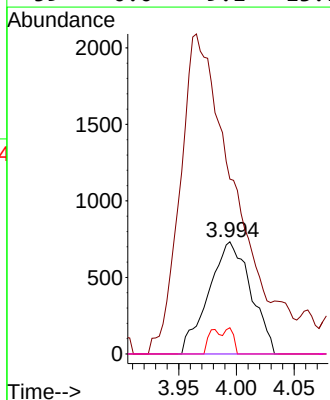
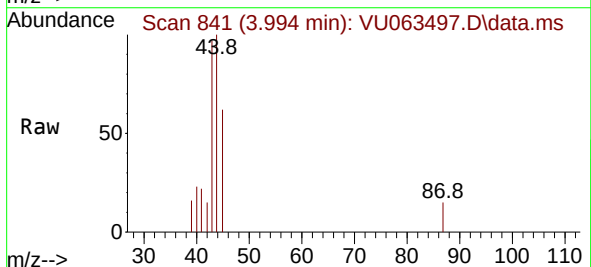
Manual Integrations
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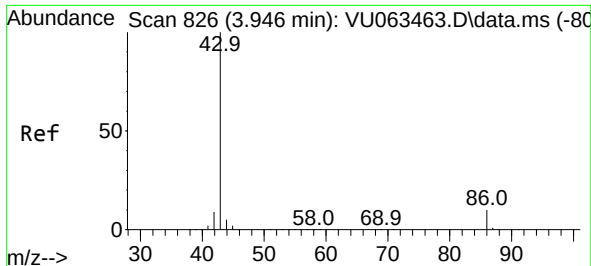
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#22
Diisopropyl ether
Concen: 0.489 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 45 Resp: 1860
Ion Ratio Lower Upper
45 100
43 109.0 66.5 99.7#
87 23.3 22.6 33.8
59 0.0 9.1 13.7#





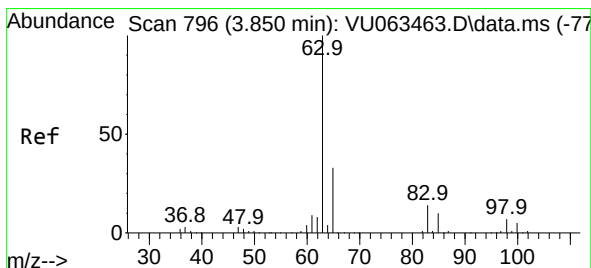
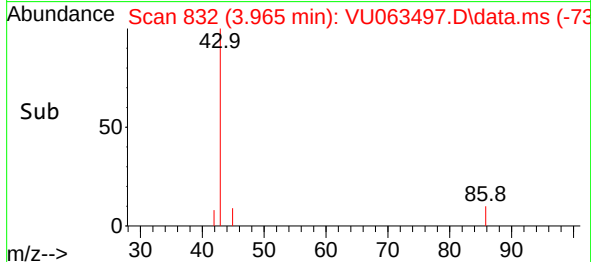
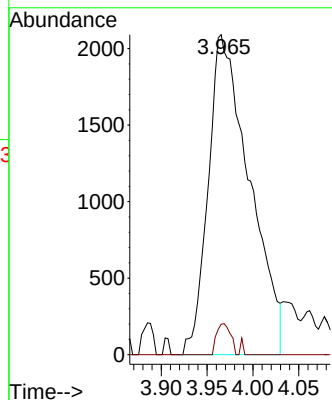
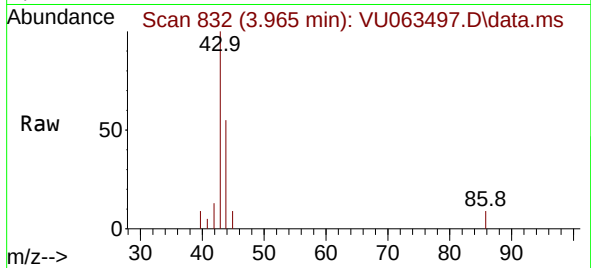
#23
 Vinyl Acetate
 Concen: 2.214 ug/l
 RT: 3.965 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion: 43 Resp: 6534
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2

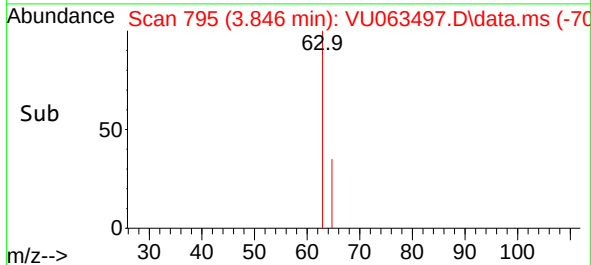
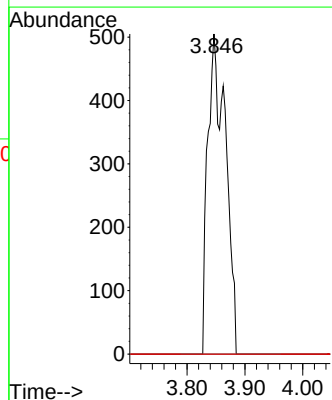
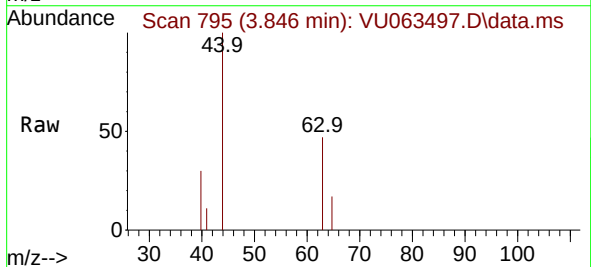
Manual Integrations
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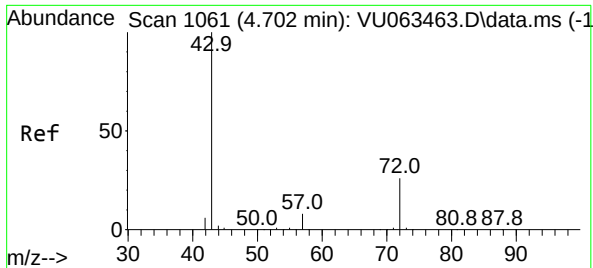
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#24
 1,1-Dichloroethane
 Concen: 0.497 ug/l m
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 63 Resp: 1072
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 4.637 ug/l m

RT: 4.750 min Scan# 1076

Delta R.T. 0.048 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 5479

Ion Ratio Lower Upper

43 100

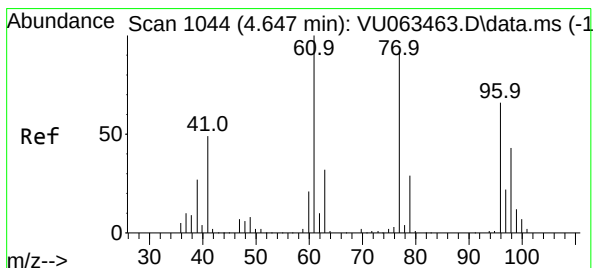
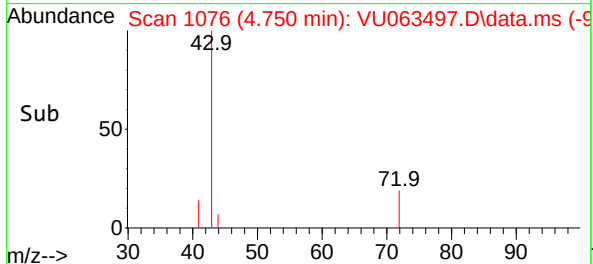
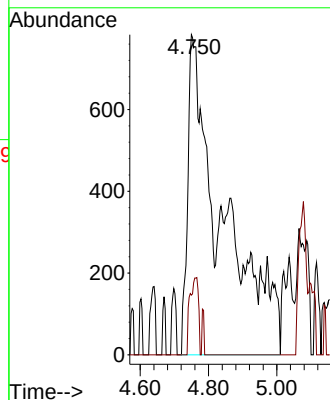
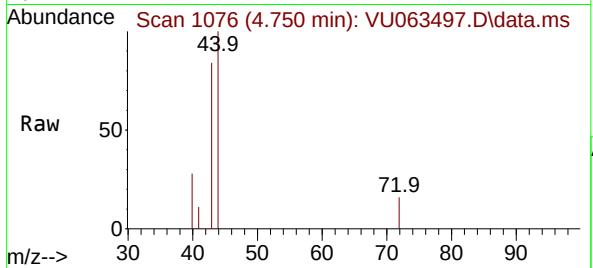
72 18.6 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#26

2,2-Dichloropropane

Concen: 0.420 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063497.D

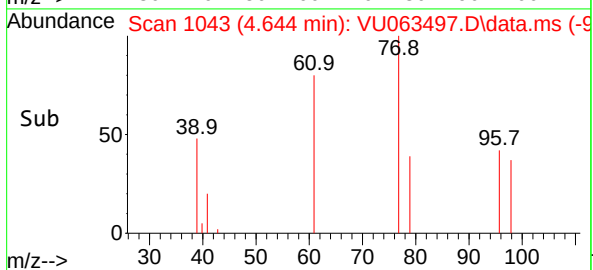
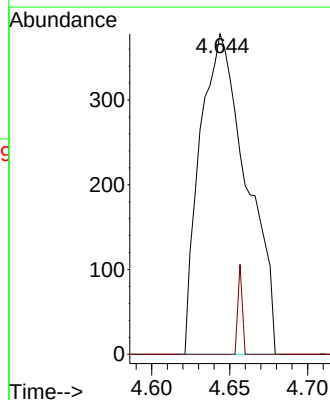
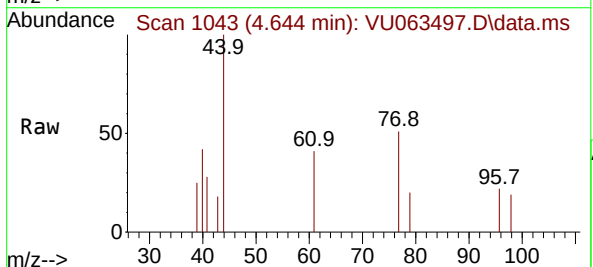
Acq: 11 Jul 2025 17:02

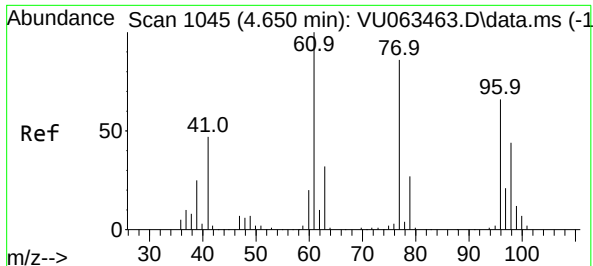
Tgt Ion: 77 Resp: 788

Ion Ratio Lower Upper

77 100

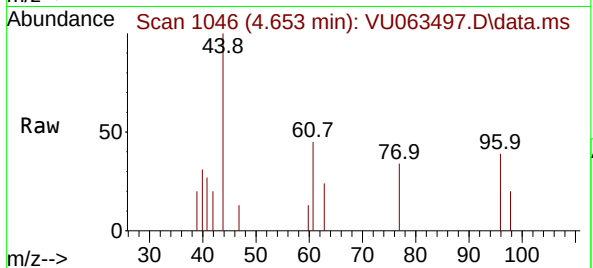
97 2.5 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.403 ug/l m
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

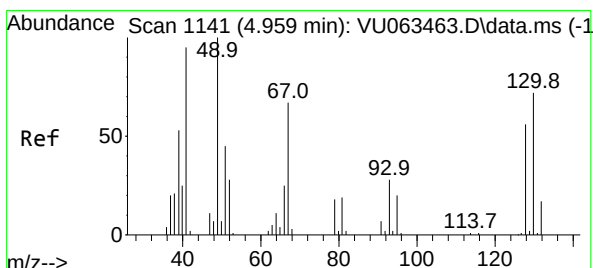
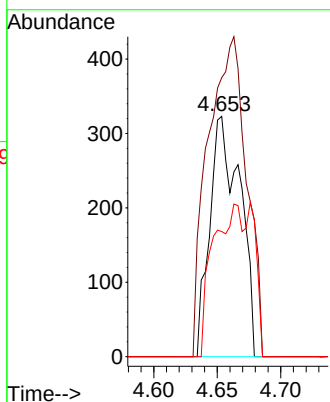
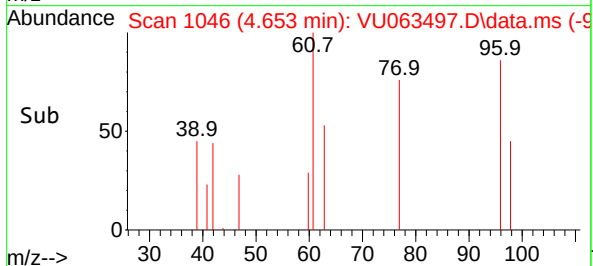
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion: 96 Resp: 530
 Ion Ratio Lower Upper
 96 100
 61 169.0 0.0 307.2
 98 60.1 0.0 133.0

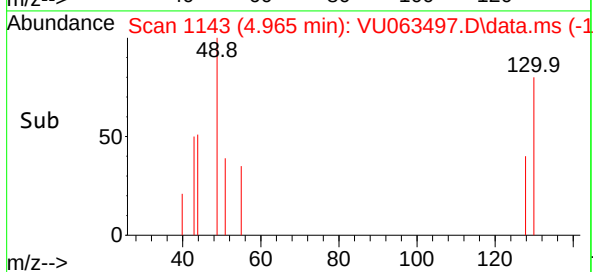
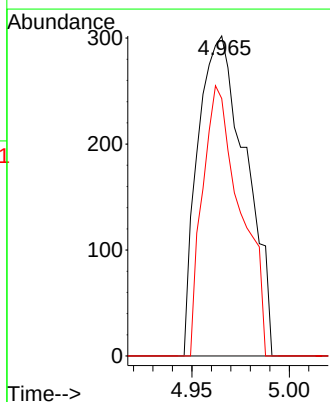
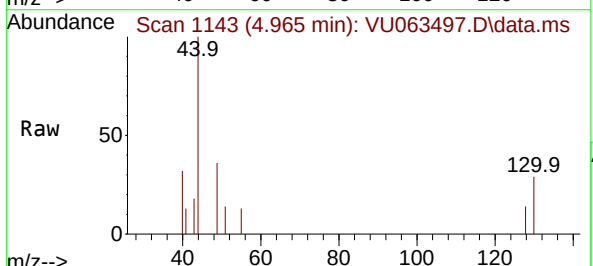
Manual Integrations
 APPROVED

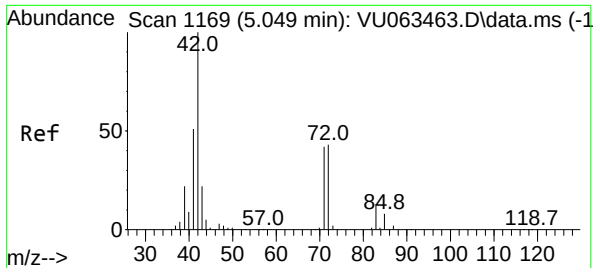
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#28
 Bromochloromethane
 Concen: 0.511 ug/l
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Tgt Ion: 49 Resp: 518
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 67.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 3.003 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.029 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

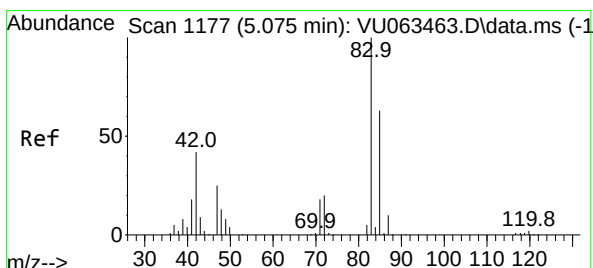
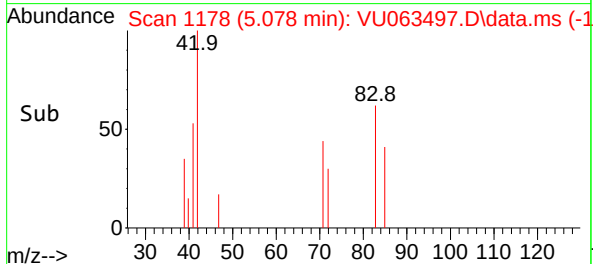
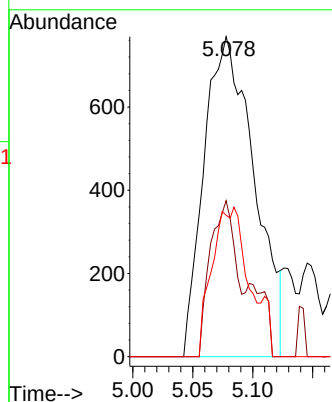
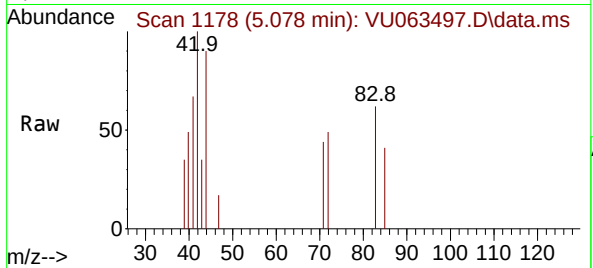
Tgt Ion:	42	Resp:	223
Ion Ratio	Lower	Upper	
42	100		
72	26.1	36.2	54.4
71	35.1	33.3	49.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#30

Chloroform

Concen: 0.532 ug/l

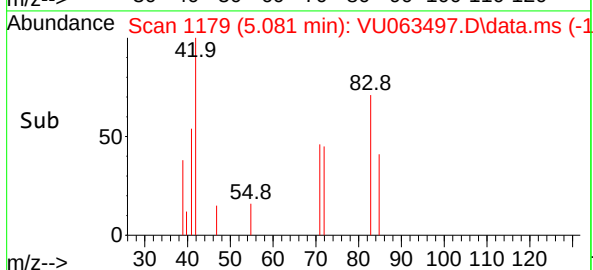
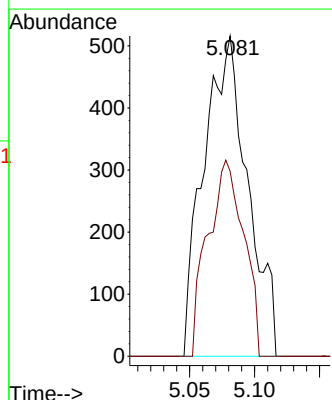
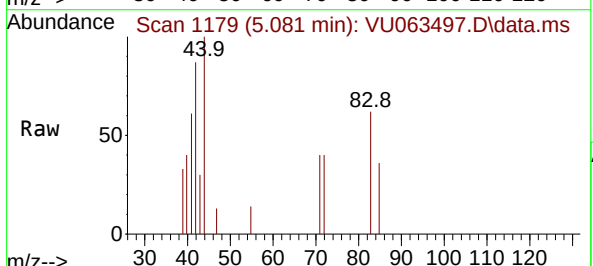
RT: 5.081 min Scan# 1179

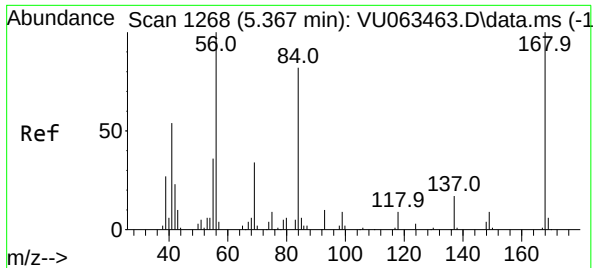
Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

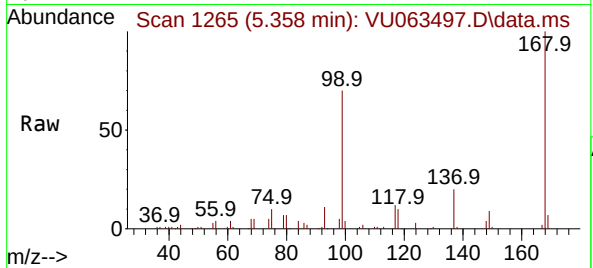
Tgt Ion:	83	Resp:	1212
Ion Ratio	Lower	Upper	
83	100		
85	57.8	50.7	76.1





#31
Cyclohexane
Concen: 2.167 ug/l
RT: 5.358 min Scan# 1265
Delta R.T. -0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

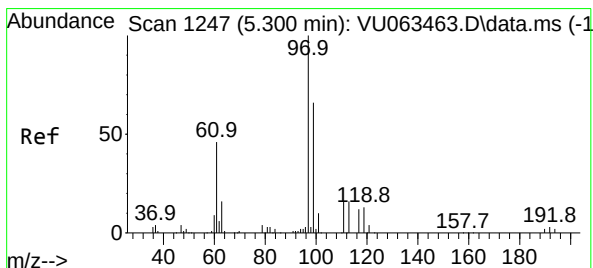
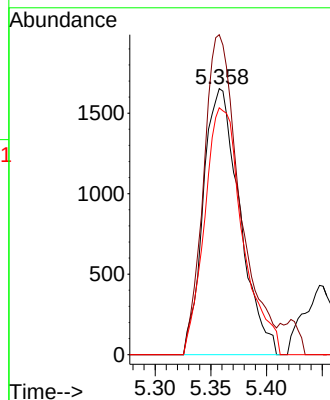
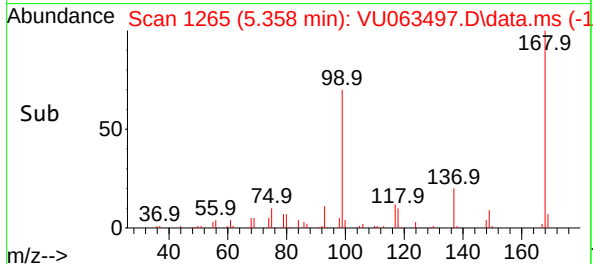
Instrument : MSVOA_U
ClientSampleId : MDL05



Tgt Ion: 56 Resp: 375
Ion Ratio Lower Upper
56 100
69 120.3 27.0 40.4
84 92.8 65.7 98.5

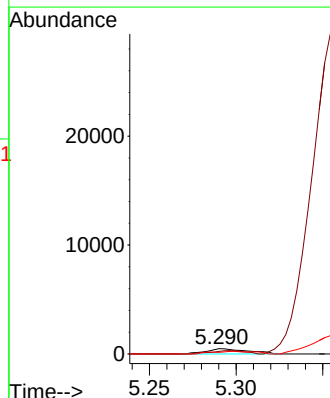
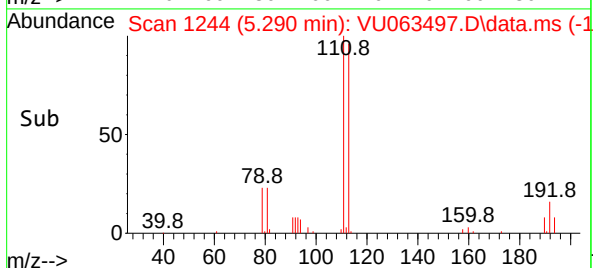
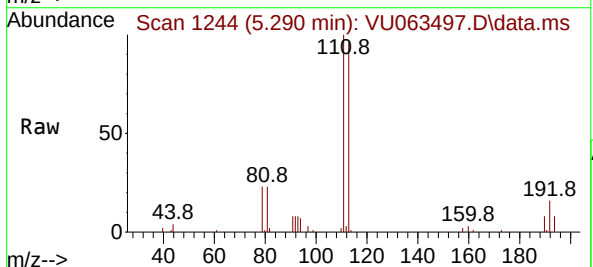
Manual Integrations
APPROVED

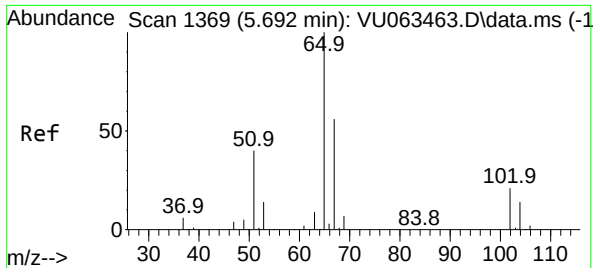
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#32
1,1,1-Trichloroethane
Concen: 0.412 ug/l
RT: 5.290 min Scan# 1244
Delta R.T. -0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 97 Resp: 800
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6
61 52.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.052 ug/l

RT: 5.689 min Scan# 1368

Delta R.T. -0.003 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 65 Resp: 7033

Ion Ratio Lower Upper

65 100

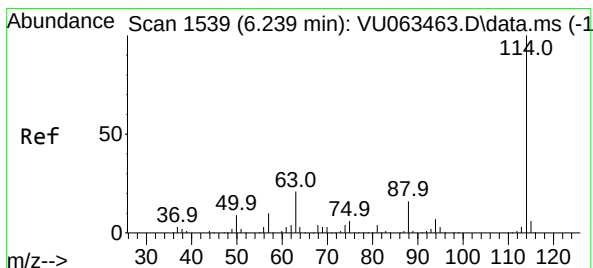
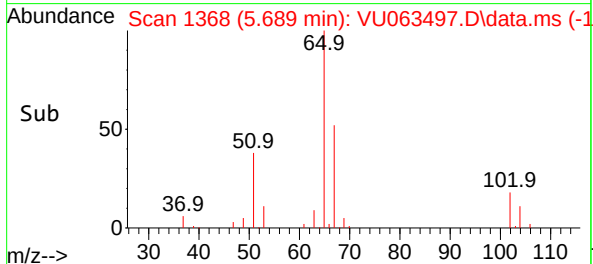
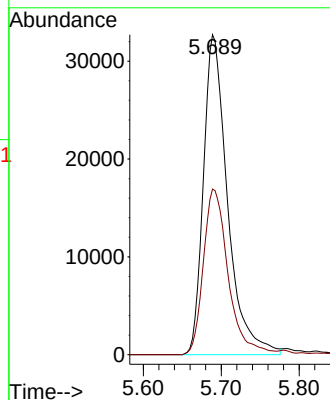
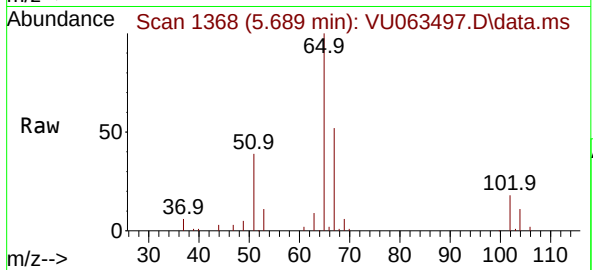
67 53.2 0.0 107.8

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: VU063497.D

Acq: 11 Jul 2025 17:02

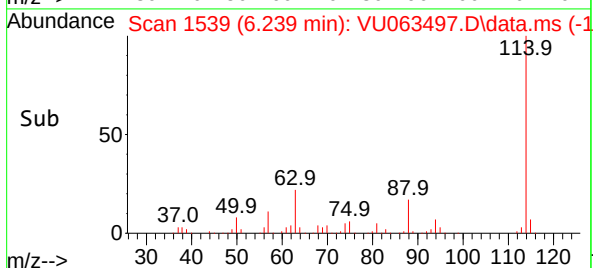
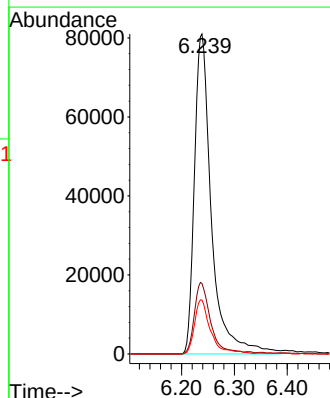
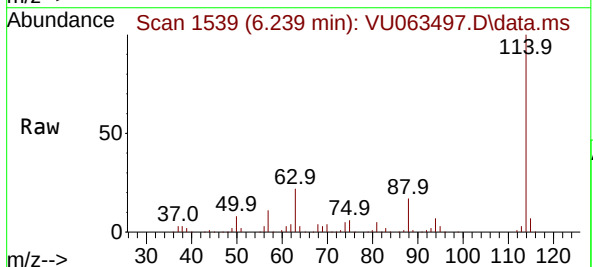
Tgt Ion:114 Resp: 181303

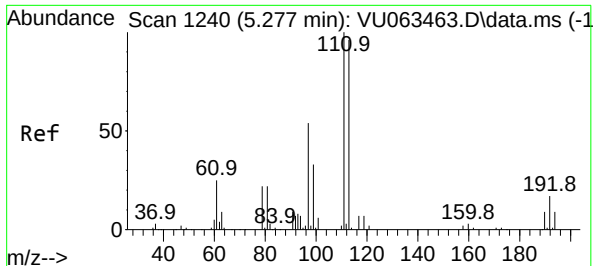
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.6

88 16.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.587 ug/l

RT: 5.277 min Scan# 111

Delta R.T. 0.000 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

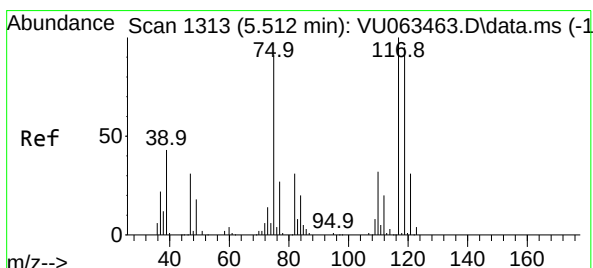
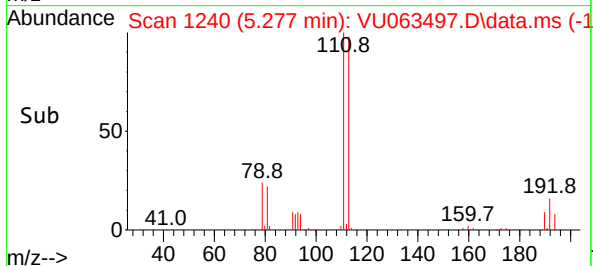
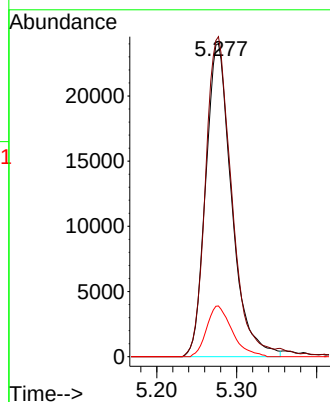
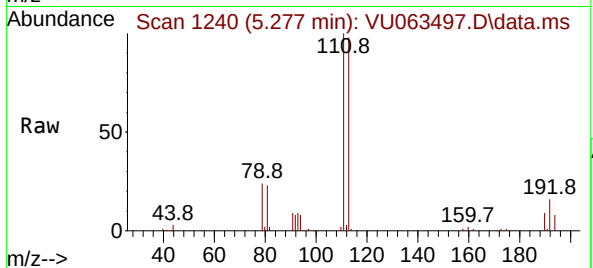
MDL05

Tgt Ion:	113	Resp:	5419
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.1	123.1
192	15.9	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: 0.519 ug/l m

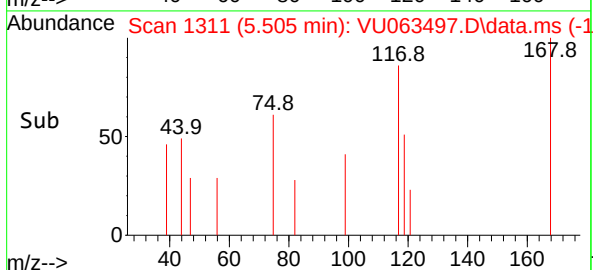
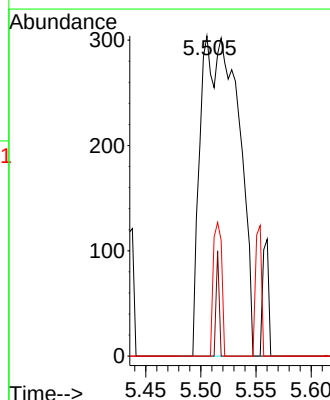
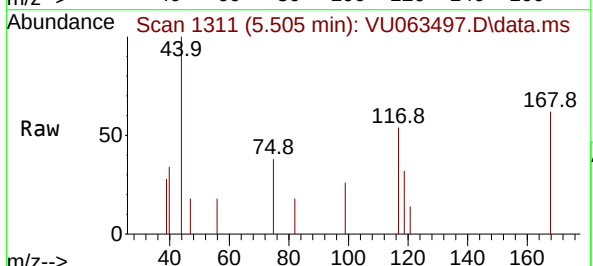
RT: 5.505 min Scan# 1311

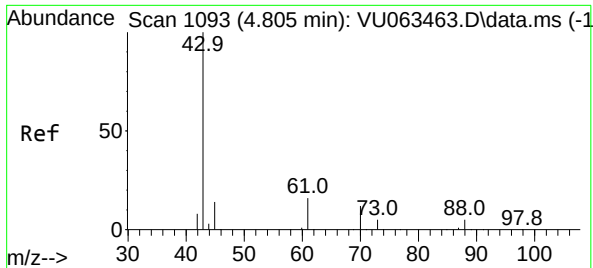
Delta R.T. -0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Tgt Ion:	75	Resp:	770
Ion Ratio	Lower	Upper	
75	100		
110	0.0	17.3	52.0#
77	8.7	23.9	35.9#





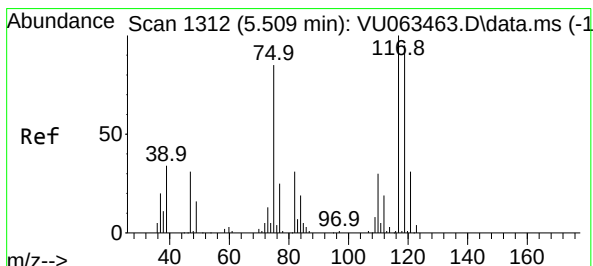
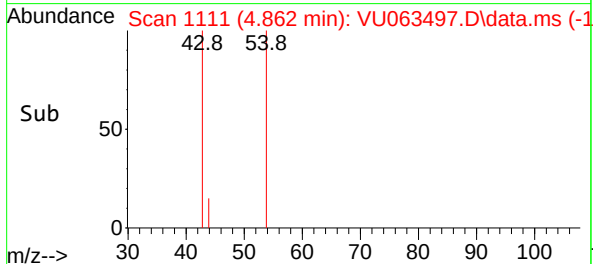
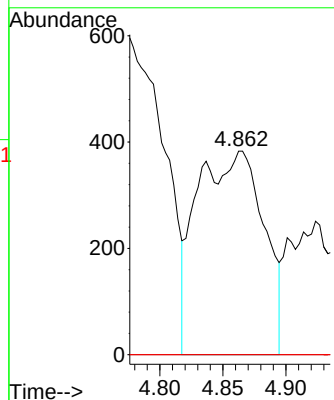
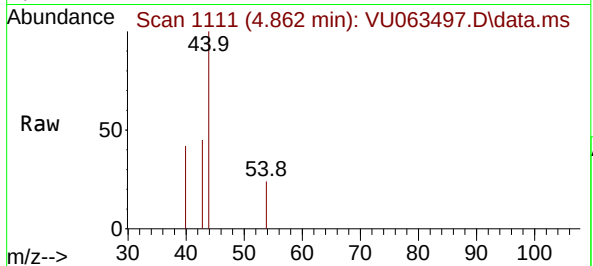
#37
Ethyl Acetate
Concen: 0.585 ug/l m
RT: 4.862 min Scan# 1111
Delta R.T. 0.058 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6
70 0.0 7.8 11.8

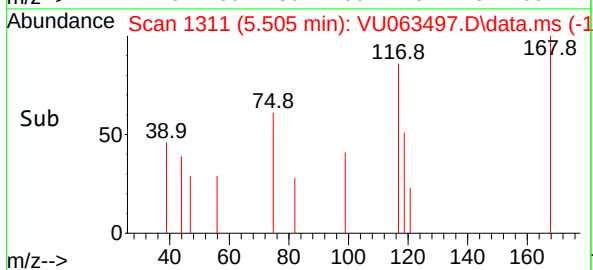
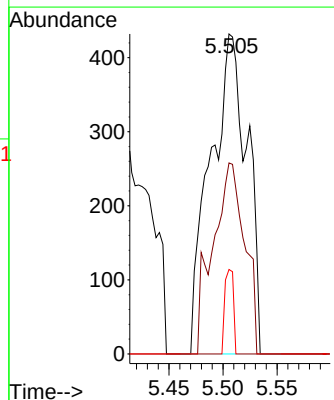
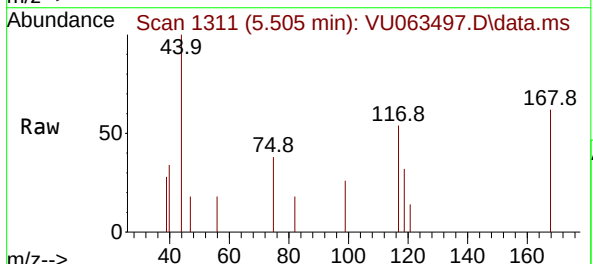
Manual Integrations
APPROVED

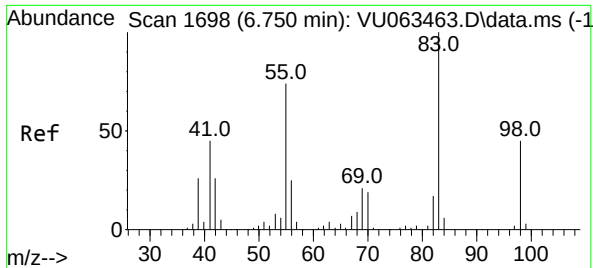
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#38
Carbon Tetrachloride
Concen: 0.623 ug/l m
RT: 5.505 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion:117 Resp: 1020
Ion Ratio Lower Upper
117 100
119 59.7 76.1 114.1#
121 26.4 25.0 37.4





#39

Methylcyclohexane

Concen: 0.497 ug/l

RT: 6.740 min Scan# 1698

Delta R.T. -0.010 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

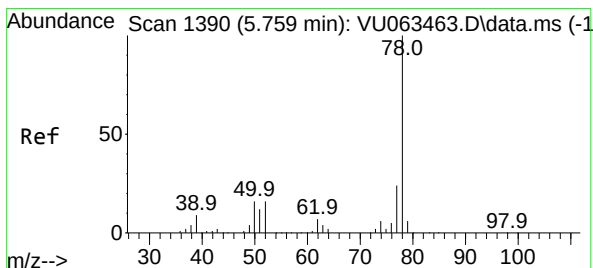
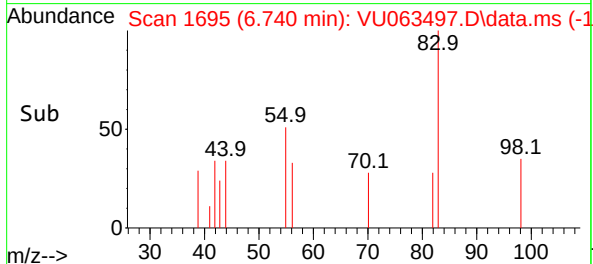
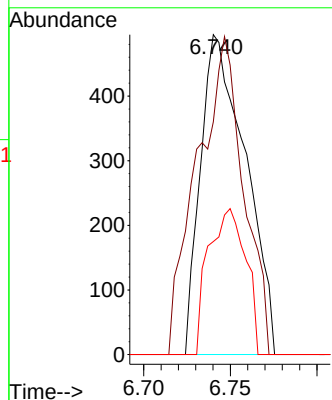
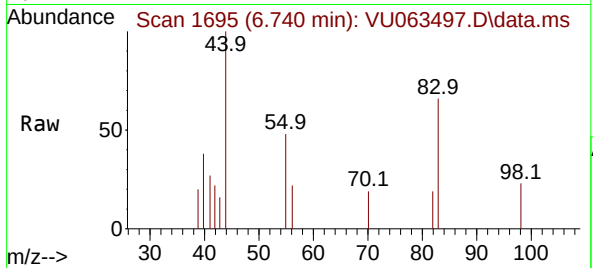
Tgt Ion: 83 Resp: 89

Ion	Ratio	Lower	Upper
83	100		
55	72.7	59.4	89.2
98	35.4	36.2	54.4

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 0.493 ug/l

RT: 5.772 min Scan# 1394

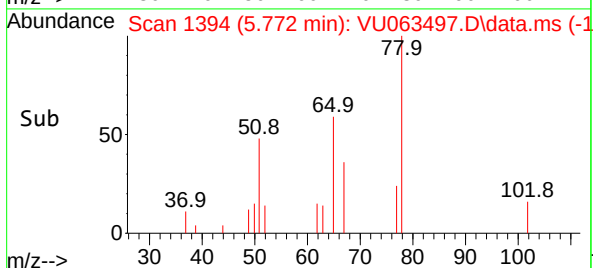
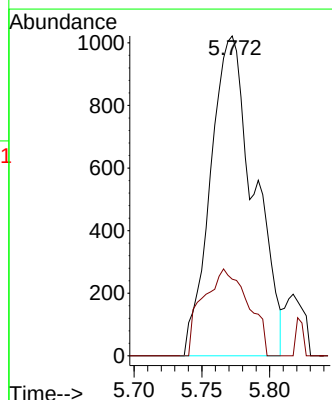
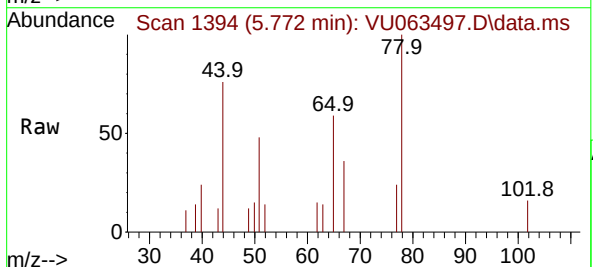
Delta R.T. 0.013 min

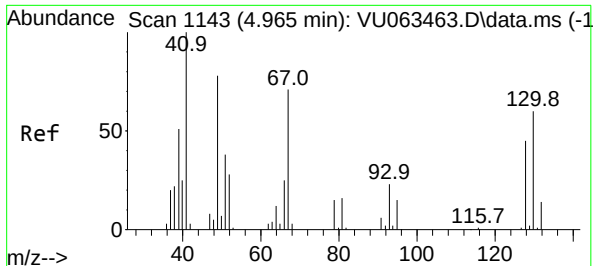
Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Tgt Ion: 78 Resp: 2287

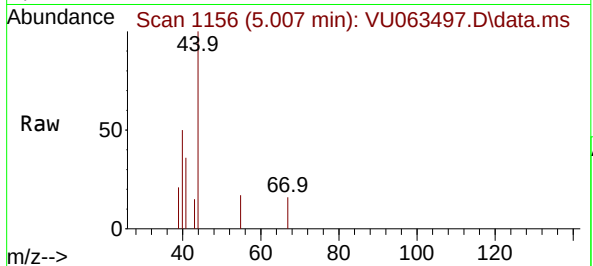
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41
Methacrylonitrile
Concen: 0.467 ug/l m
RT: 5.007 min Scan# 1156
Delta R.T. 0.042 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

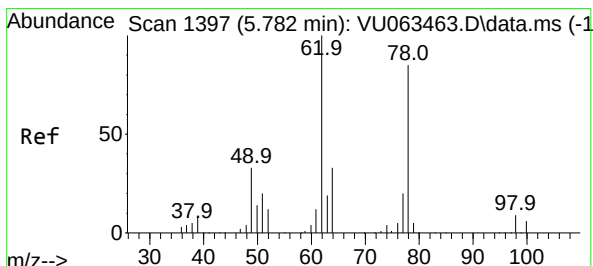
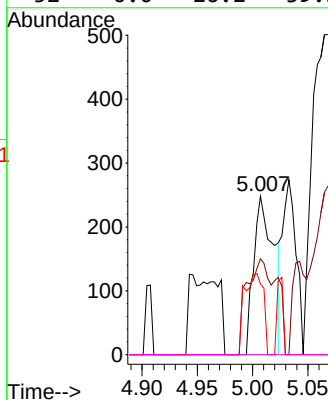
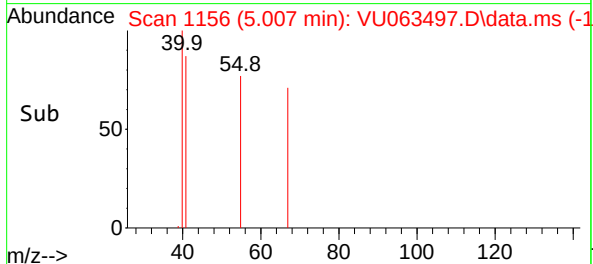
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 41 Resp: 530
Ion Ratio Lower Upper
41 100
39 0.0 43.6 65.4
67 0.0 62.8 94.2
52 0.0 26.2 39.2

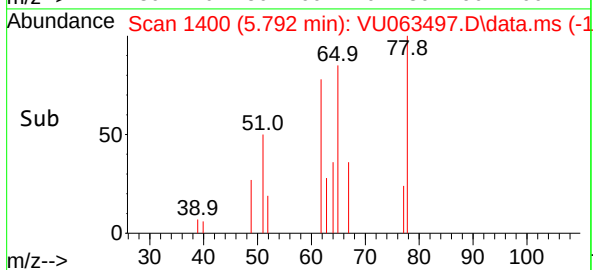
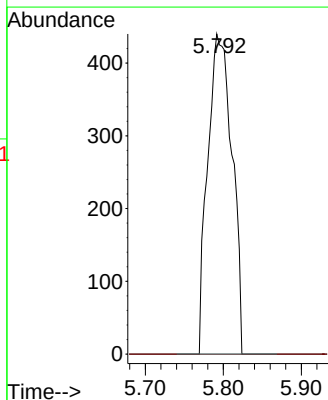
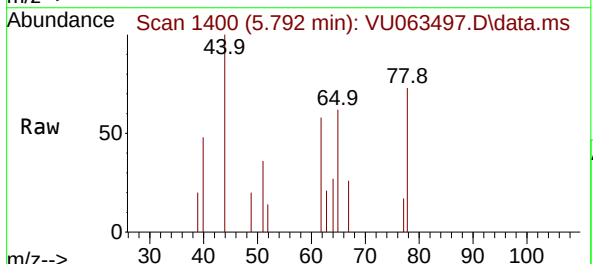
Manual Integrations
APPROVED

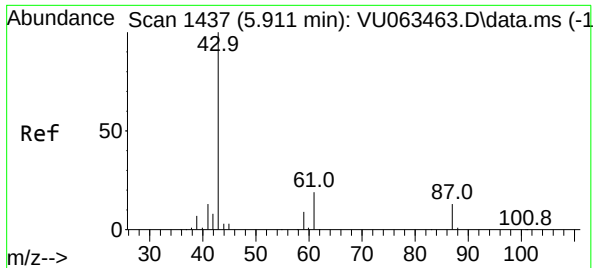
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#42
1,2-Dichloroethane
Concen: 0.543 ug/l m
RT: 5.792 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

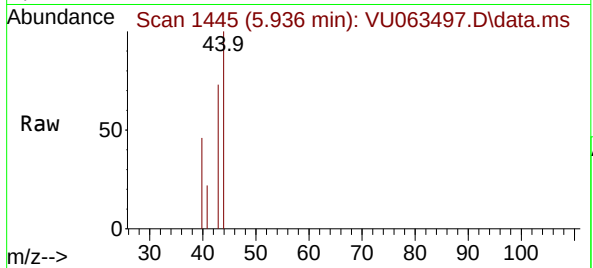
Tgt Ion: 62 Resp: 947
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.576 ug/l m
RT: 5.936 min Scan# 1437
Delta R.T. 0.026 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

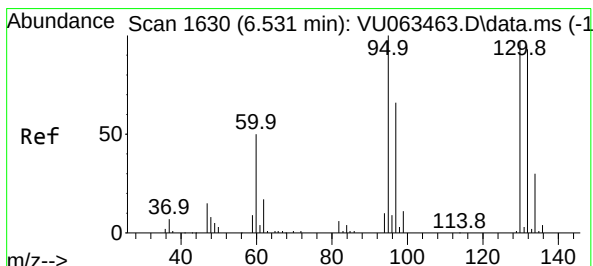
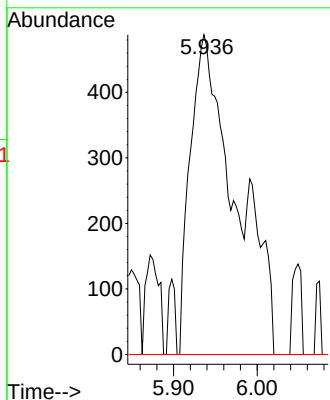
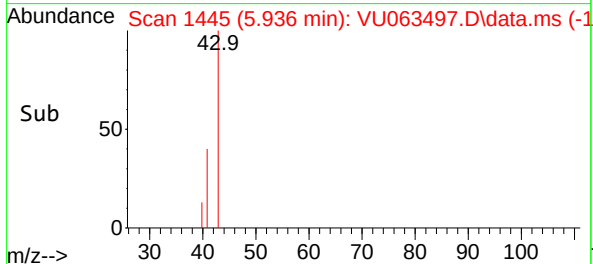
Instrument :
MSVOA_U
ClientSampleId :
MDL05



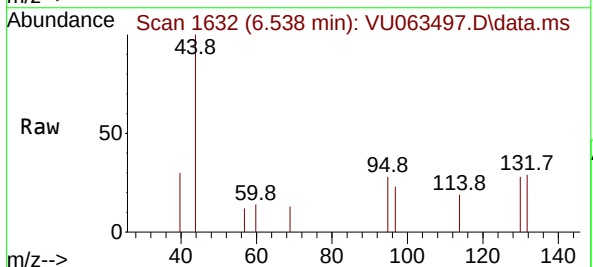
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2
87 0.0 10.5 15.7

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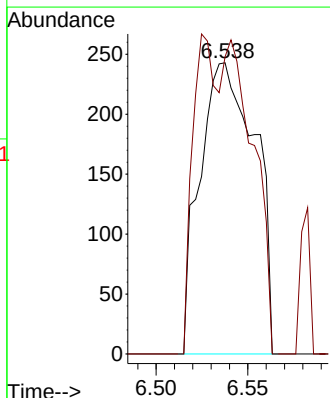
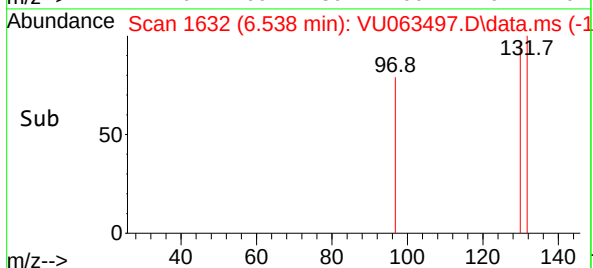
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

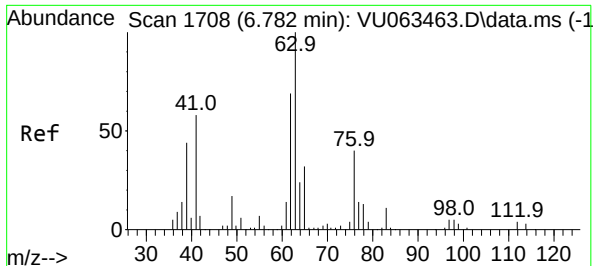


#44
Trichloroethene
Concen: 0.410 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



Tgt Ion:130 Resp: 509
Ion Ratio Lower Upper
130 100
95 102.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.423 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 549

Ion Ratio Lower Upper

63 100

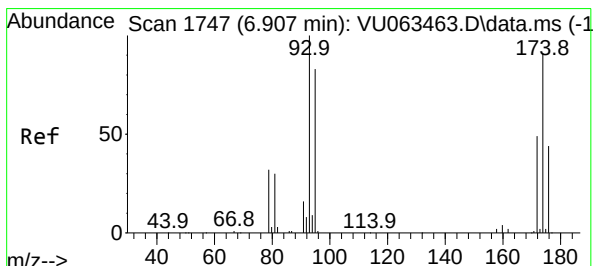
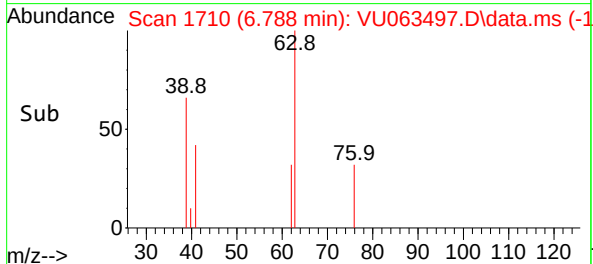
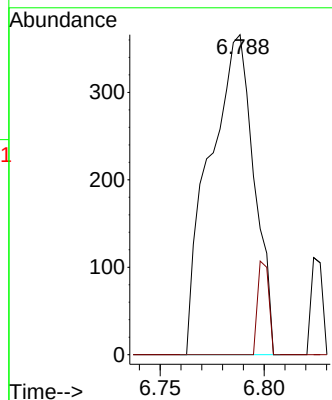
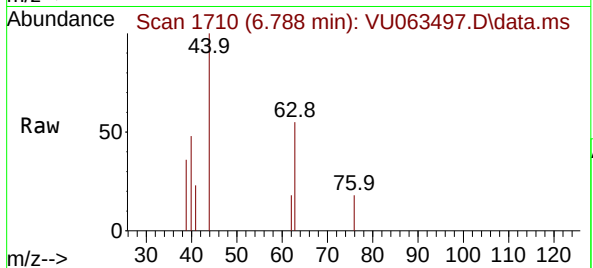
65 0.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#46

Dibromomethane

Concen: 0.403 ug/l m

RT: 6.920 min Scan# 1751

Delta R.T. 0.013 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

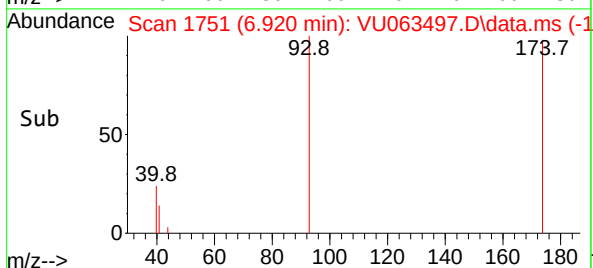
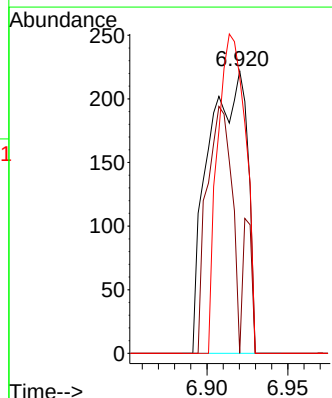
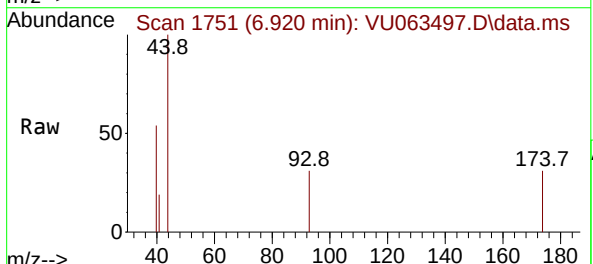
Tgt Ion: 93 Resp: 370

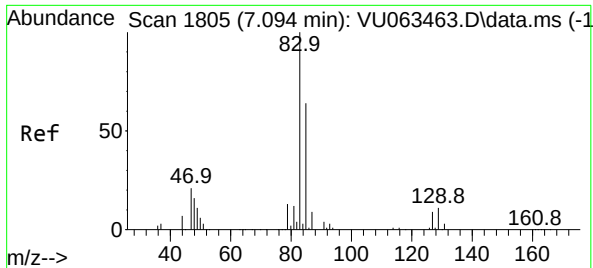
Ion Ratio Lower Upper

93 100

95 55.4 67.5 101.3#

174 81.4 73.1 109.7





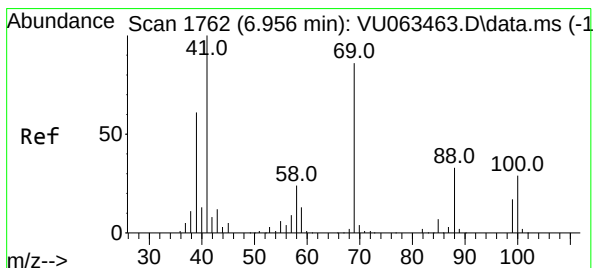
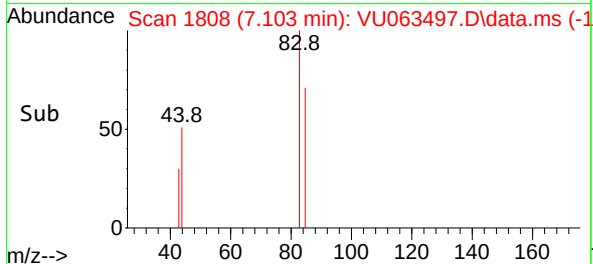
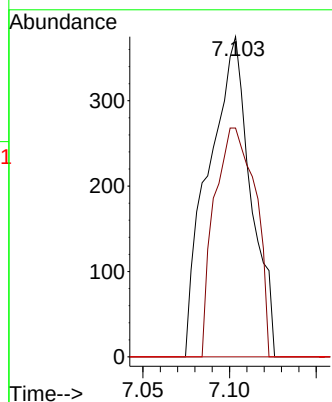
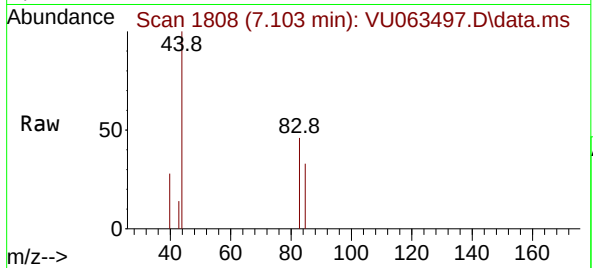
#47
Bromodichloromethane
Concen: 0.332 ug/l
RT: 7.103 min Scan# 1771
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 634
Ion Ratio Lower Upper
83 100
85 71.5 51.4 77.0
127 0.0 7.0 10.4

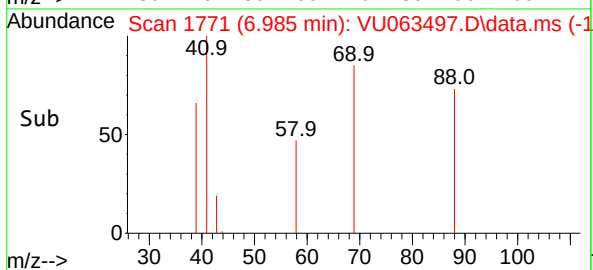
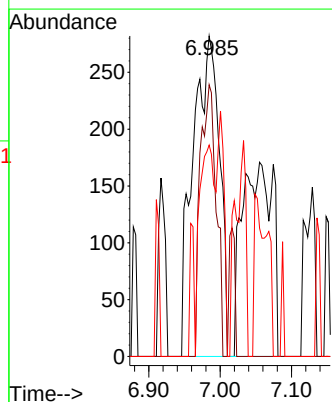
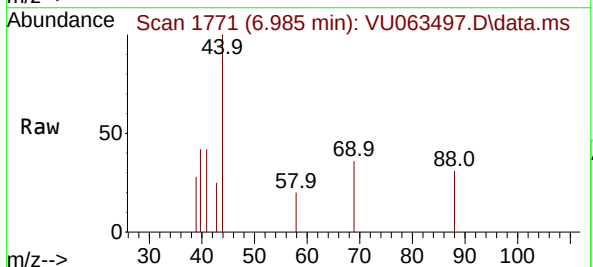
Manual Integrations
APPROVED

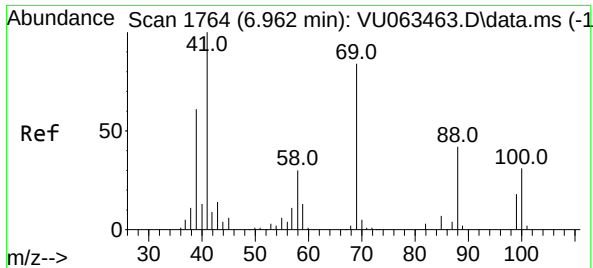
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#48
Methyl methacrylate
Concen: 0.834 ug/l m
RT: 6.985 min Scan# 1771
Delta R.T. 0.029 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

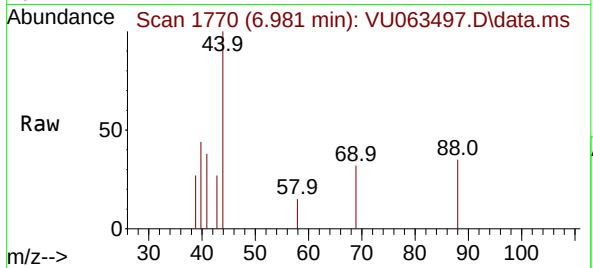
Tgt Ion: 41 Resp: 1231
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 3.7 48.3 72.5#





#49
1,4-Dioxane
Concen: 9.785 ug/l m
RT: 6.981 min Scan# 1
Delta R.T. 0.019 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

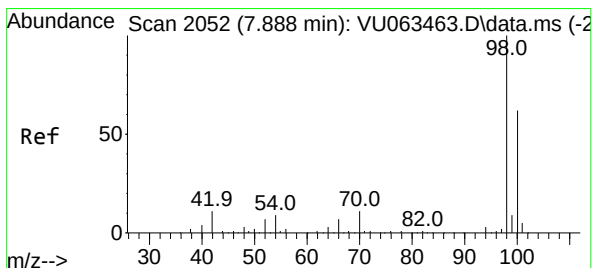
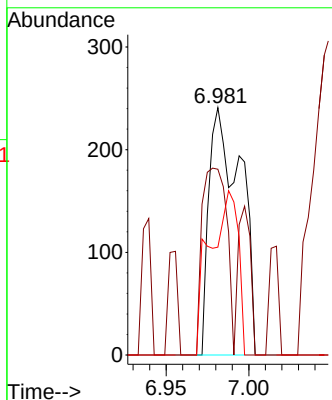
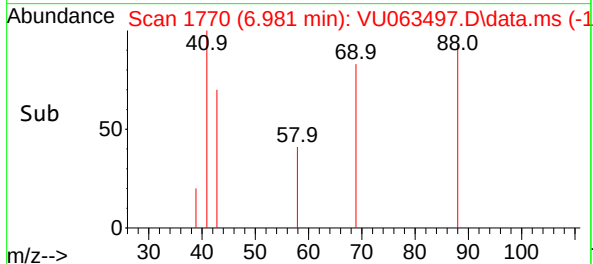
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 59.3 25.6 38.4
58 0.0 55.0 82.6

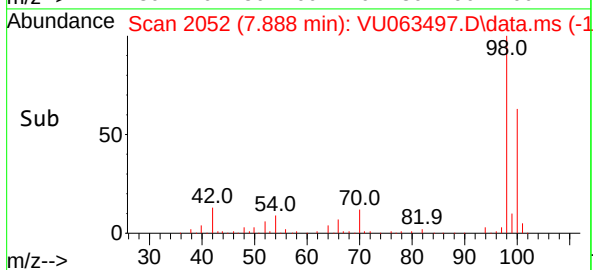
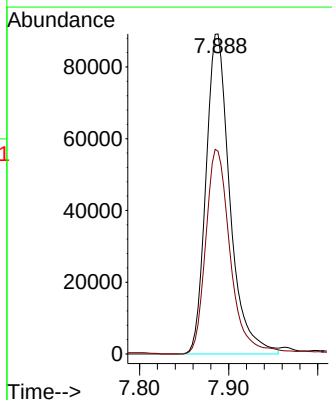
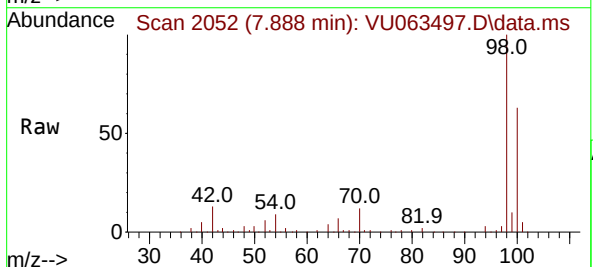
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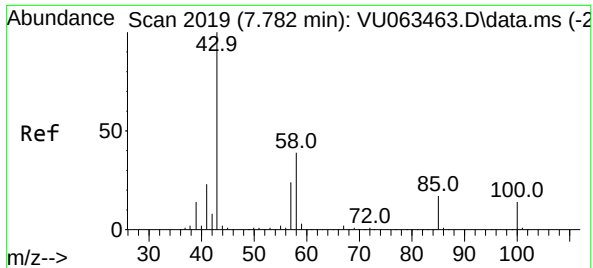
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#50
Toluene-d8
Concen: 46.682 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 98 Resp: 166298
Ion Ratio Lower Upper
98 100
100 65.6 48.1 72.1





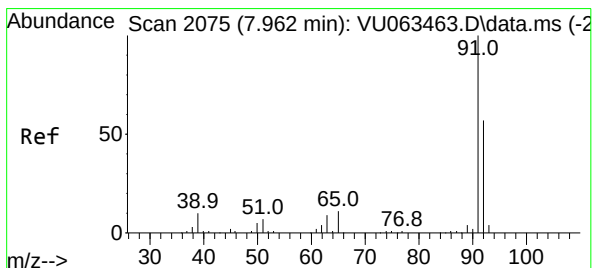
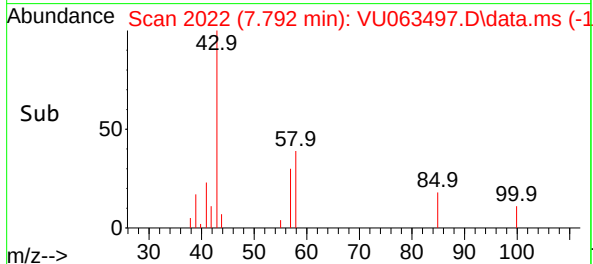
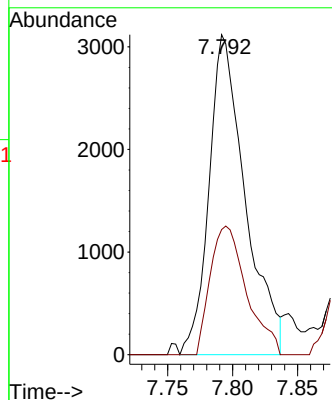
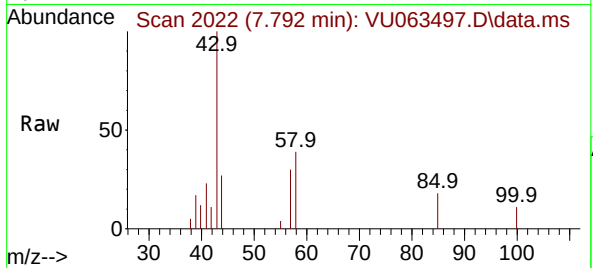
#51
4-Methyl-2-Pentanone
Concen: 2.616 ug/l
RT: 7.792 min Scan# 2019
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 6049
Ion Ratio Lower Upper
43 100
58 40.2 31.0 46.4

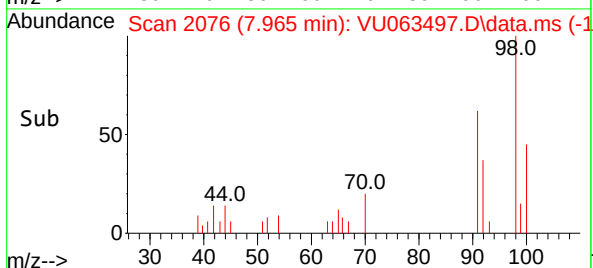
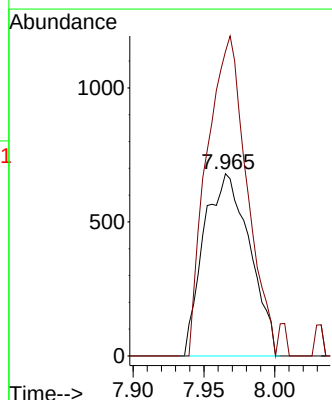
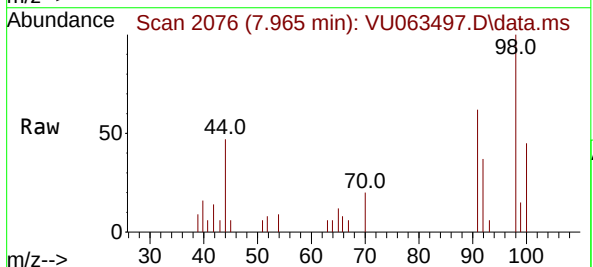
Manual Integrations
APPROVED

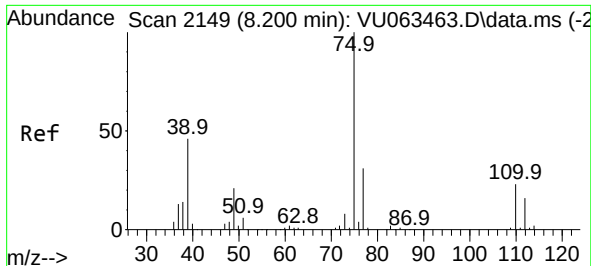
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#52
Toluene
Concen: 0.504 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 92 Resp: 1530
Ion Ratio Lower Upper
92 100
91 152.7 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 0.374 ug/l

RT: 8.210 min Scan# 2149

Delta R.T. 0.010 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 75 Resp: 624

Ion Ratio Lower Upper

75 100

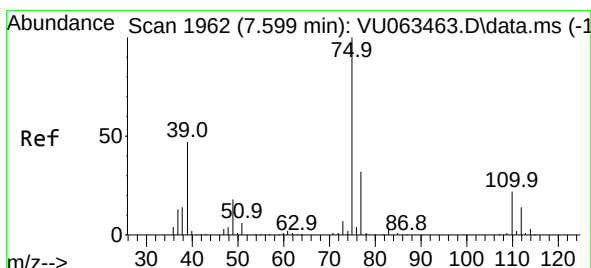
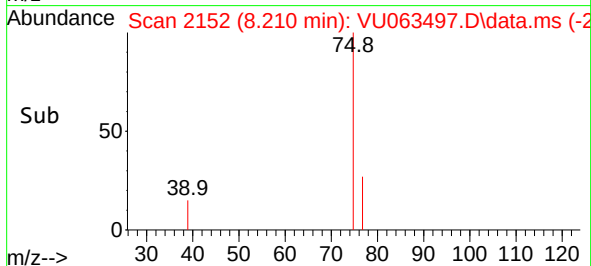
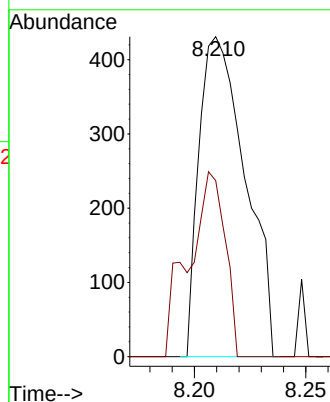
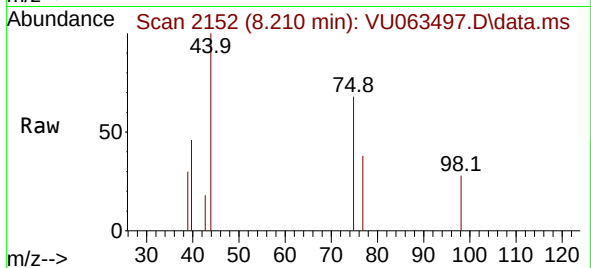
77 55.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#54

cis-1,3-Dichloropropene

Concen: 0.378 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

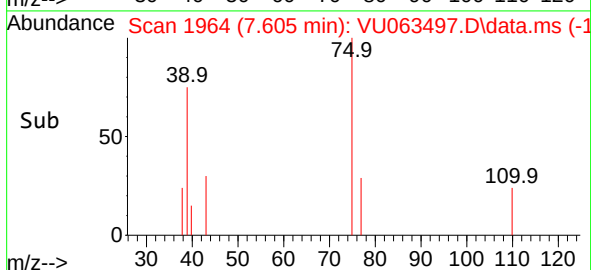
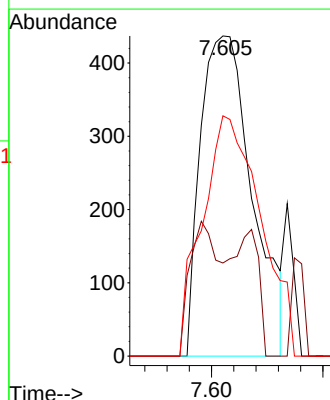
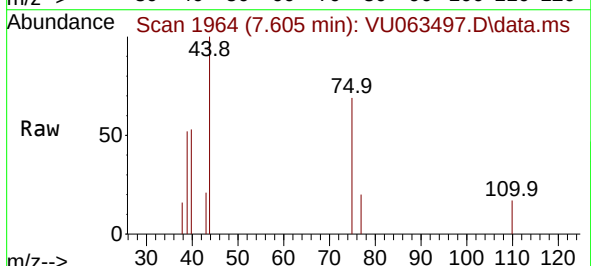
Tgt Ion: 75 Resp: 706

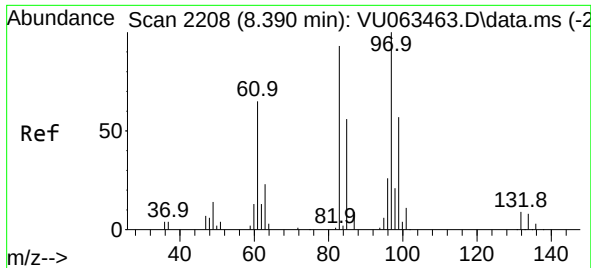
Ion Ratio Lower Upper

75 100

77 29.1 25.4 38.0

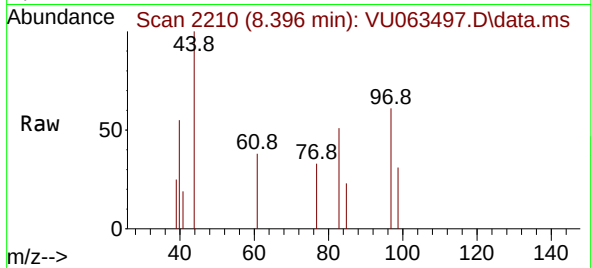
39 75.1 37.2 55.8





#55
1,1,2-Trichloroethane
Concen: 0.485 ug/l
RT: 8.396 min Scan# 2194
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

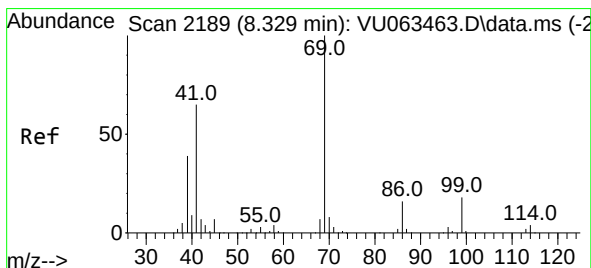
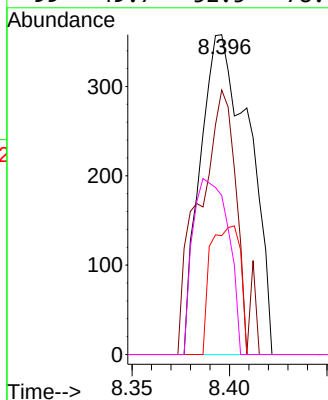
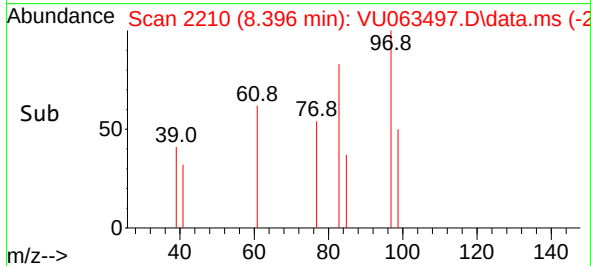
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 97 Resp: 625
Ion Ratio Lower Upper
97 100
83 82.7 74.2 111.4
85 37.2 45.8 68.8
99 49.7 52.5 78.7#

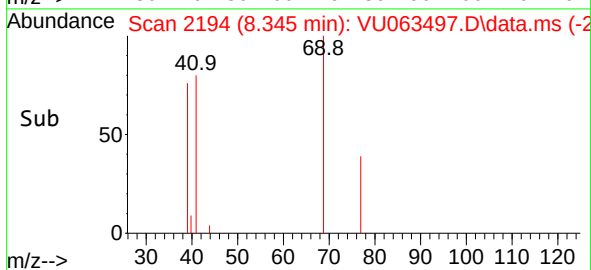
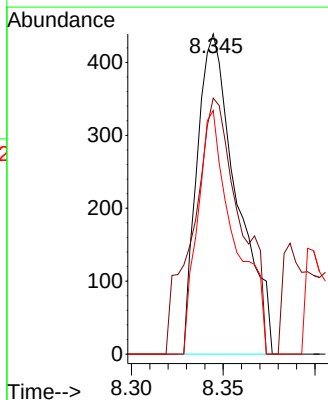
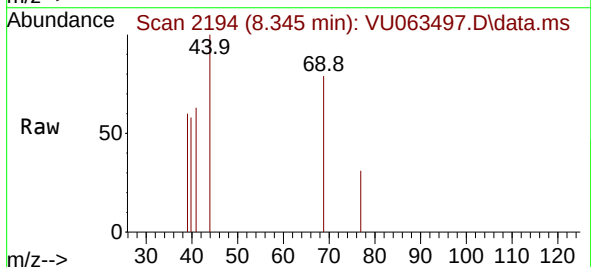
Manual Integrations
APPROVED

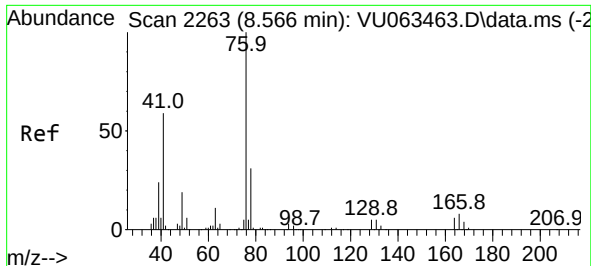
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#56
Ethyl methacrylate
Concen: 0.320 ug/l
RT: 8.345 min Scan# 2194
Delta R.T. 0.016 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 69 Resp: 664
Ion Ratio Lower Upper
69 100
41 94.9 53.0 79.6#
39 70.5 31.0 46.4#





#57

1,3-Dichloropropane

Concen: 0.502 ug/l

RT: 8.573 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 76 Resp: 1065

Ion Ratio Lower Upper

76 100

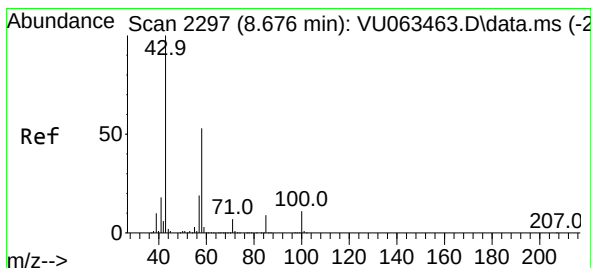
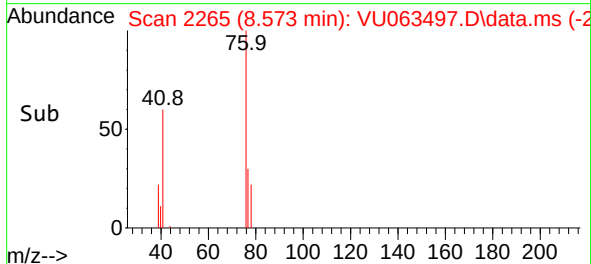
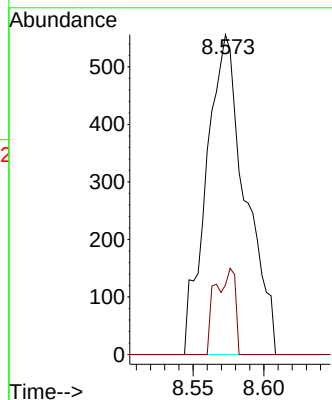
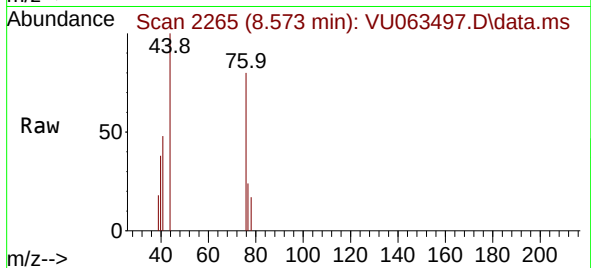
78 13.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#59

2-Hexanone

Concen: 2.963 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.016 min

Lab File: VU063497.D

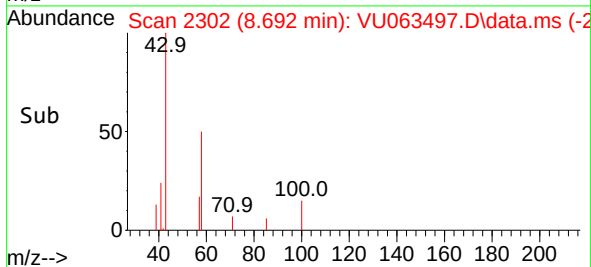
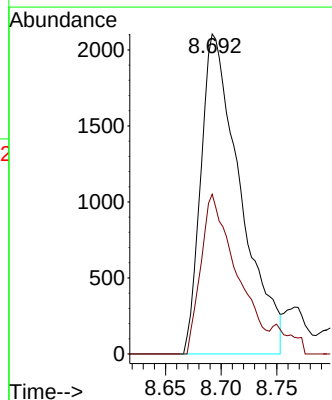
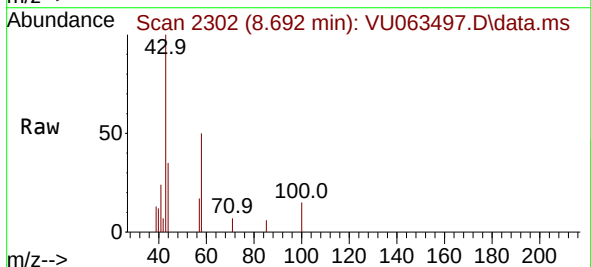
Acq: 11 Jul 2025 17:02

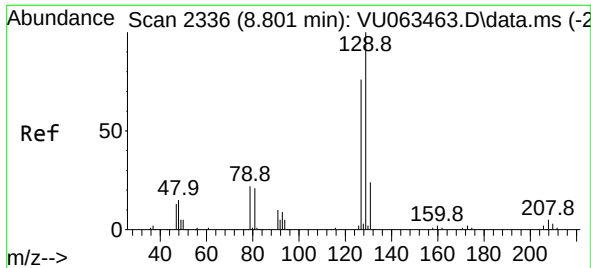
Tgt Ion: 43 Resp: 5182

Ion Ratio Lower Upper

43 100

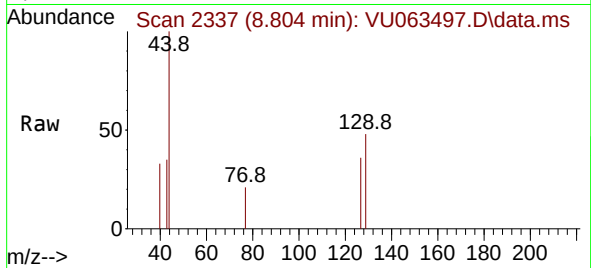
58 45.4 26.9 80.7





#60
Dibromochloromethane
Concen: 0.340 ug/l
RT: 8.804 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

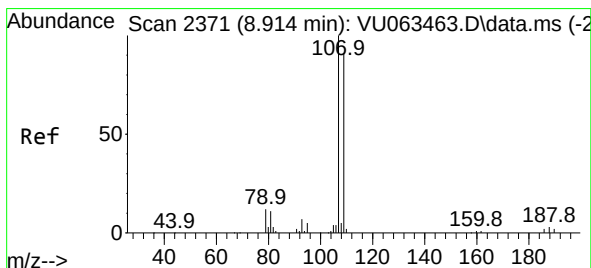
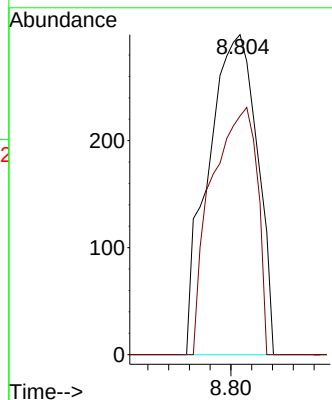
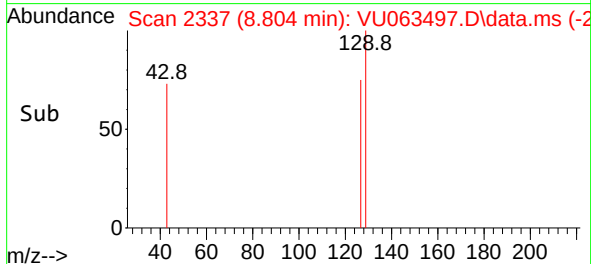
Instrument :
MSVOA_U
ClientSampleId :
MDL05



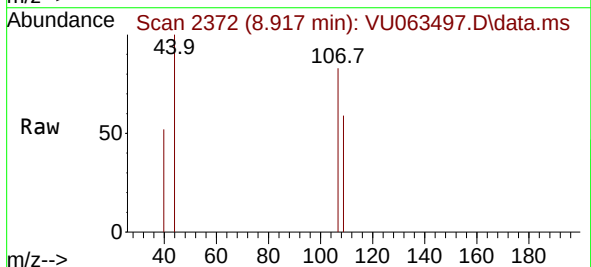
Tgt Ion:129 Resp: 490
Ion Ratio Lower Upper
129 100
127 71.4 39.1 117.2

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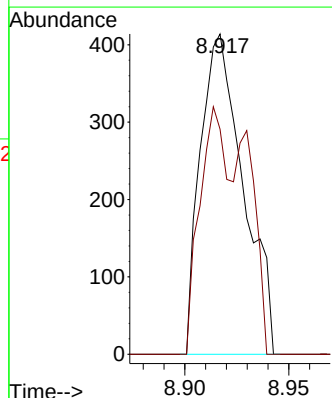
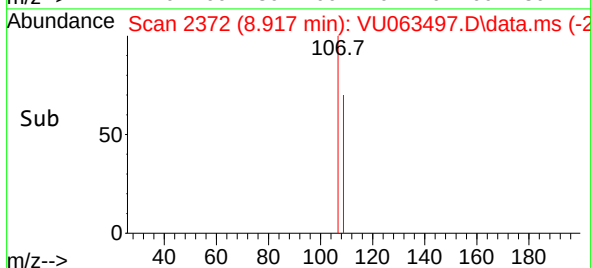
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

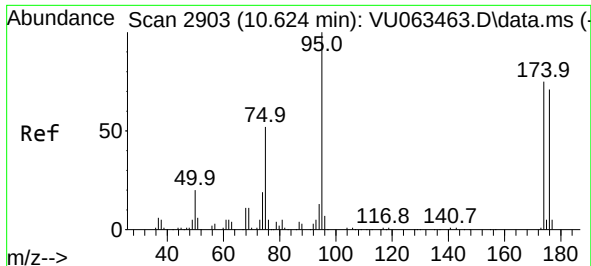


#61
1,2-Dibromoethane
Concen: 0.469 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



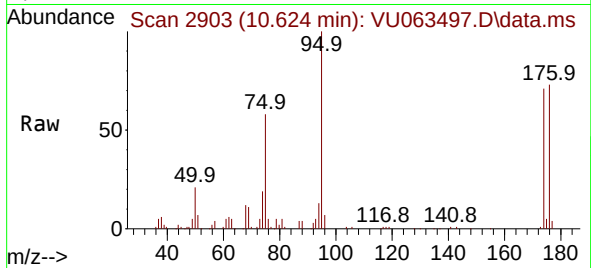
Tgt Ion:107 Resp: 593
Ion Ratio Lower Upper
107 100
109 54.1 73.7 110.5#





#62
4-Bromofluorobenzene
Concen: 48.631 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

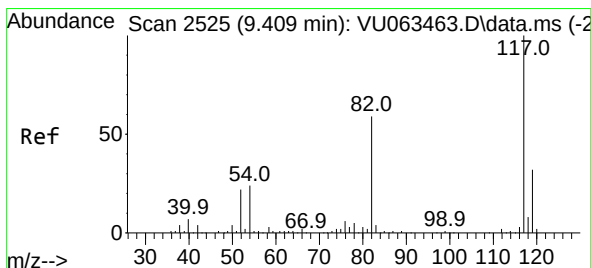
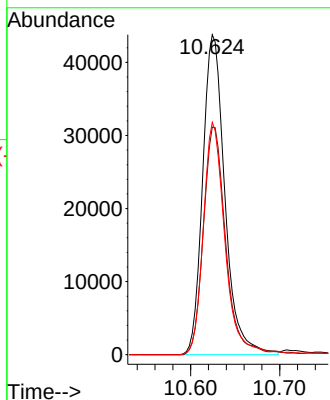
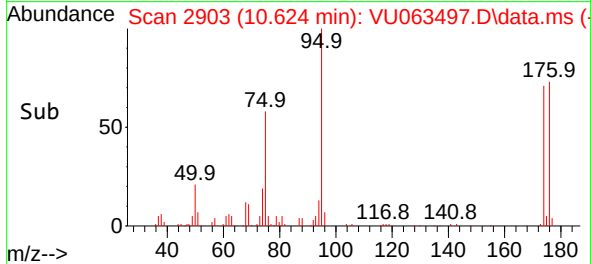
Instrument :
MSVOA_U
ClientSampleId :
MDL05



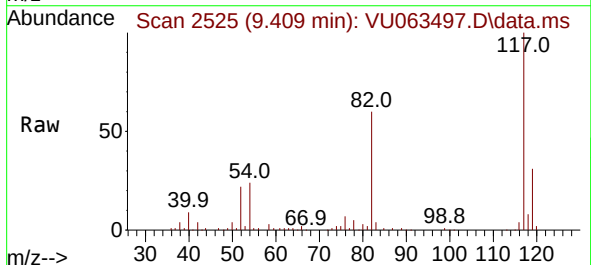
Tgt Ion: 95 Resp: 75778
Ion Ratio Lower Upper
95 100
174 71.5 0.0 153.6
176 70.9 0.0 145.8

Manual Integrations
APPROVED

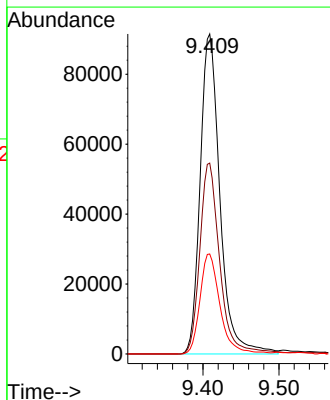
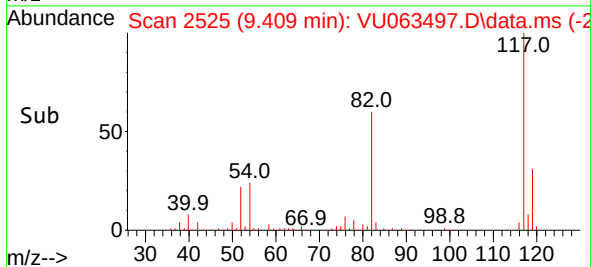
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

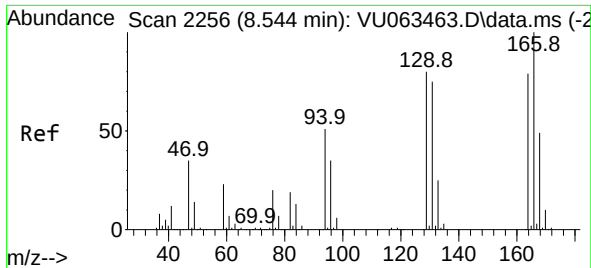


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



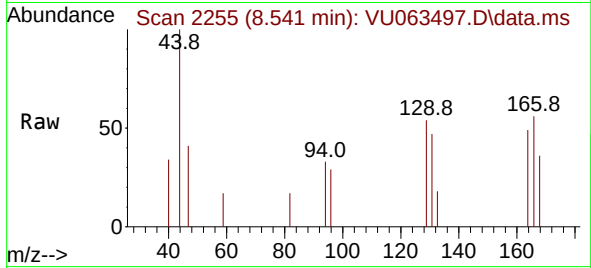
Tgt Ion:117 Resp: 165584
Ion Ratio Lower Upper
117 100
82 59.7 47.1 70.7
119 31.3 25.4 38.0





#64
Tetrachloroethene
Concen: 0.376 ug/l
RT: 8.541 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

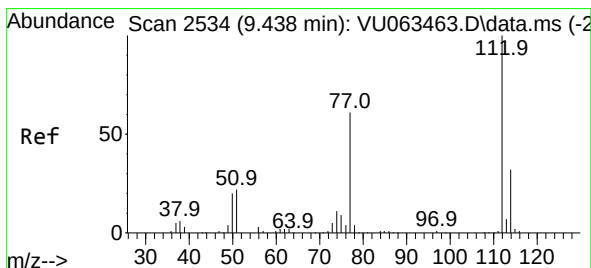
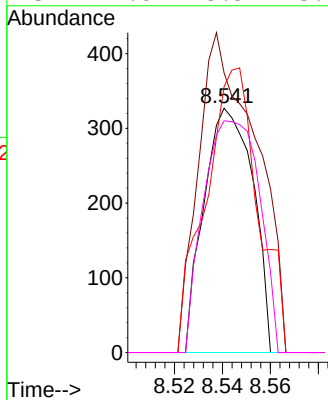
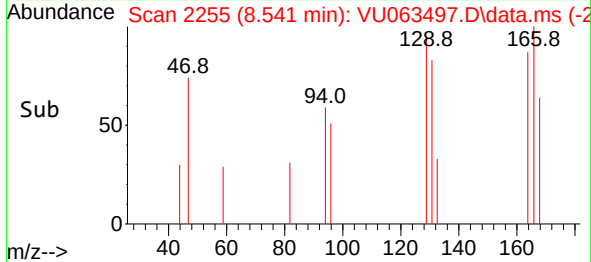
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:164	Resp:	46	
Ion	Ratio	Lower	Upper
164	100		
166	114.4	100.9	151.3
129	108.9	80.9	121.3
131	94.8	75.5	113.3

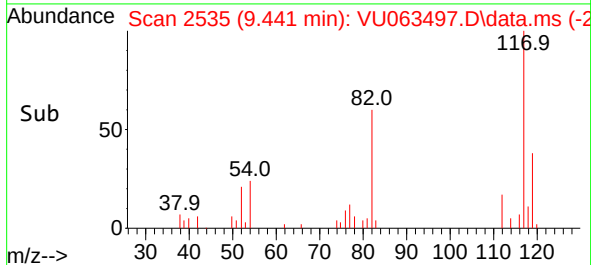
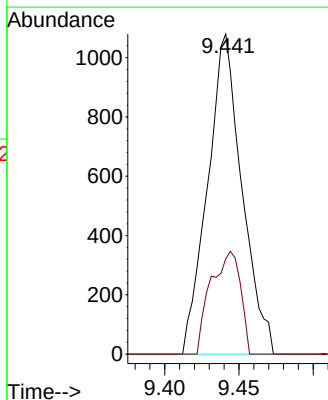
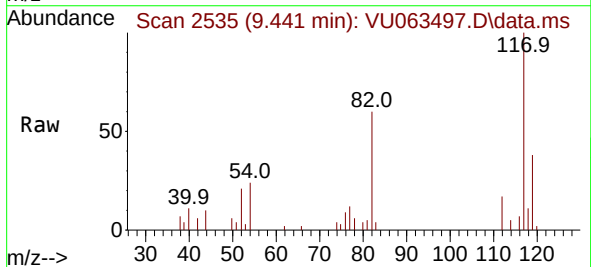
Manual Integrations
APPROVED

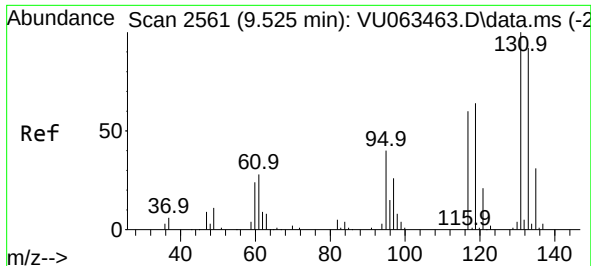
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#65
Chlorobenzene
Concen: 0.504 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

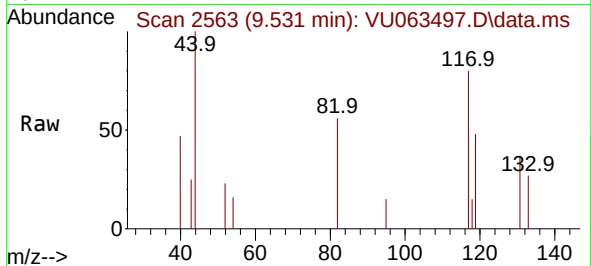
Tgt Ion:112	Resp:	1737	
Ion	Ratio	Lower	Upper
112	100		
114	29.7	25.5	38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 0.361 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

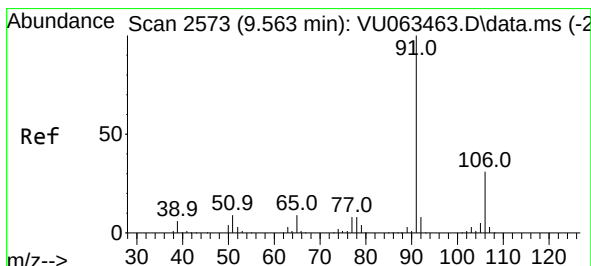
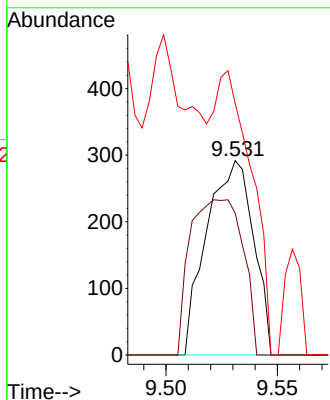
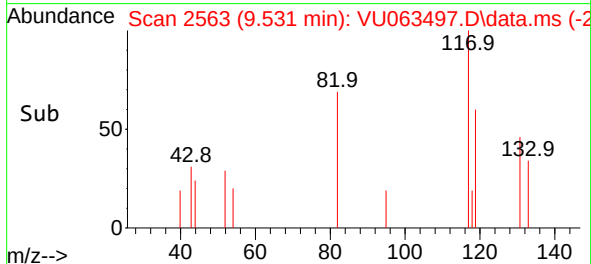
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:131 Resp: 420
Ion Ratio Lower Upper
131 100
133 89.4 46.4 139.2
119 0.0 33.3 99.9

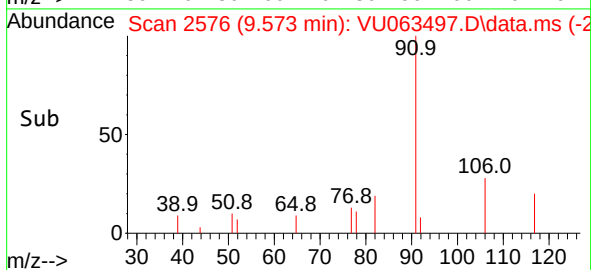
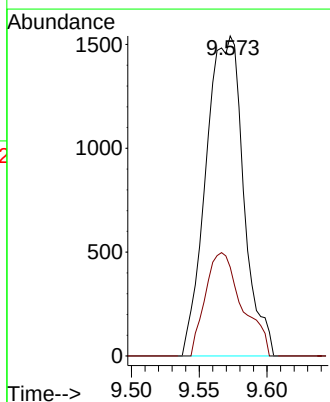
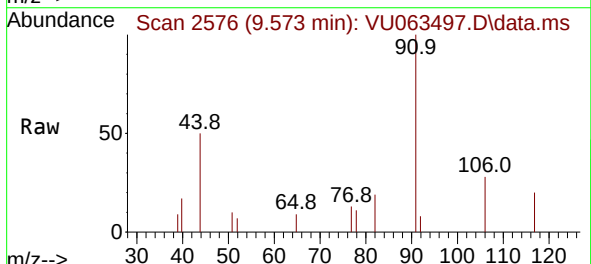
Manual Integrations
APPROVED

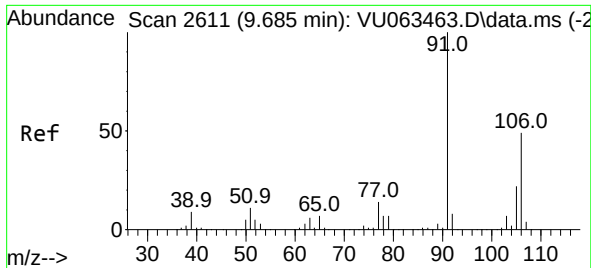
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#67
Ethyl Benzene
Concen: 0.501 ug/l
RT: 9.573 min Scan# 2576
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 91 Resp: 2968
Ion Ratio Lower Upper
91 100
106 27.8 24.5 36.7





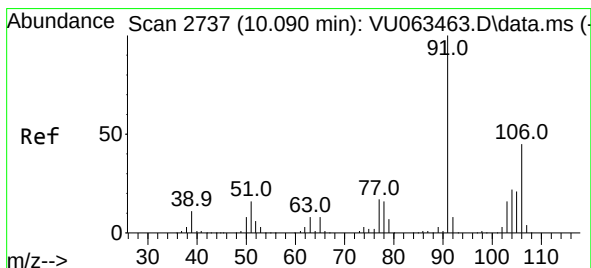
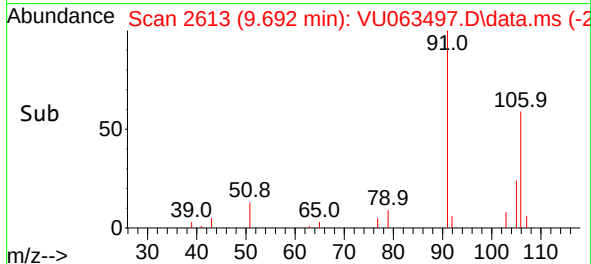
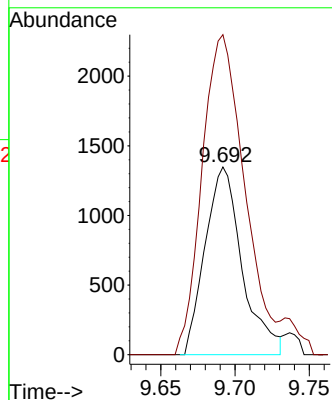
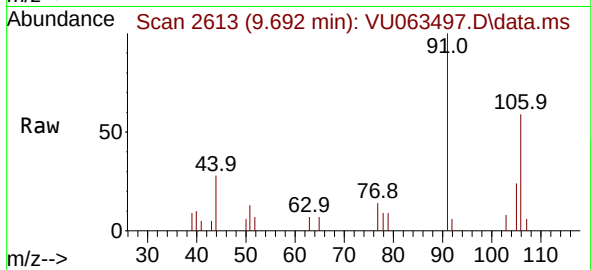
#68
m/p-Xylenes
Concen: 1.036 ug/l
RT: 9.692 min Scan# 2611
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 2340
Ion Ratio Lower Upper
106 100
91 193.8 163.6 245.4

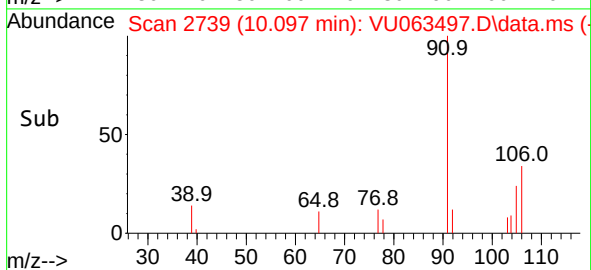
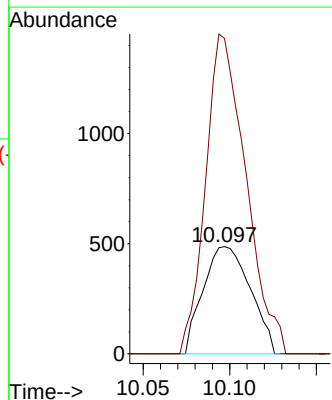
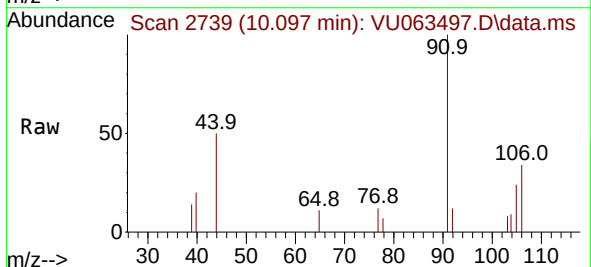
Manual Integrations
APPROVED

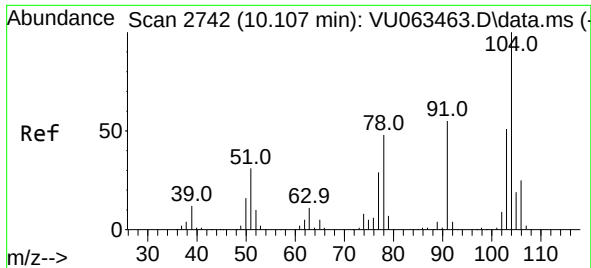
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#69
o-Xylene
Concen: 0.402 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

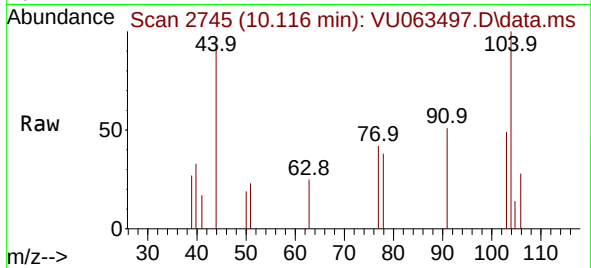
Tgt Ion:106 Resp: 923
Ion Ratio Lower Upper
106 100
91 254.2 110.7 331.9





#70
Styrene
Concen: 0.460 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

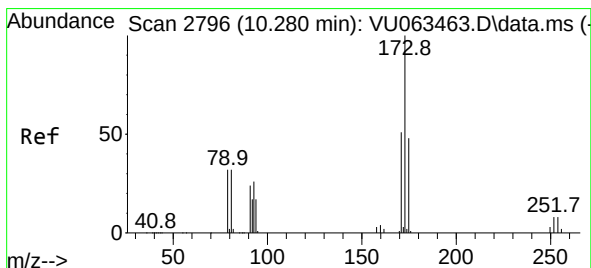
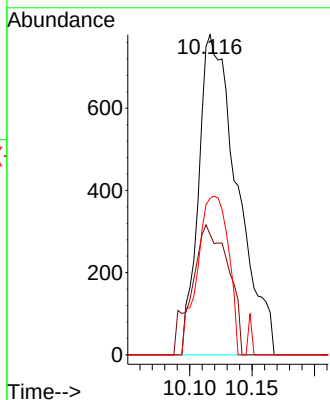
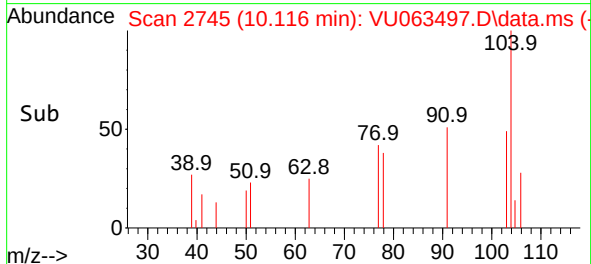
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:104 Resp: 1680
Ion Ratio Lower Upper
104 100
78 38.2 41.4 62.0
103 39.5 44.3 66.5

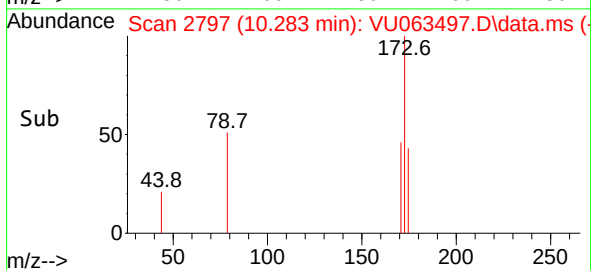
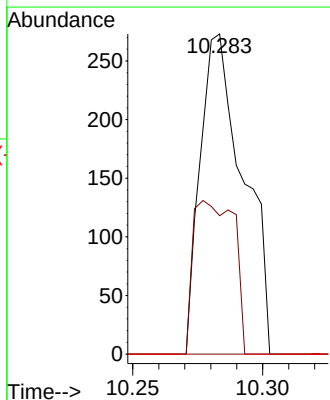
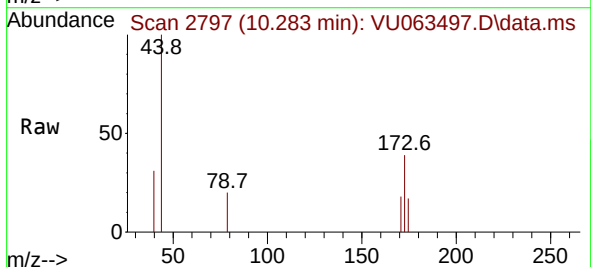
Manual Integrations
APPROVED

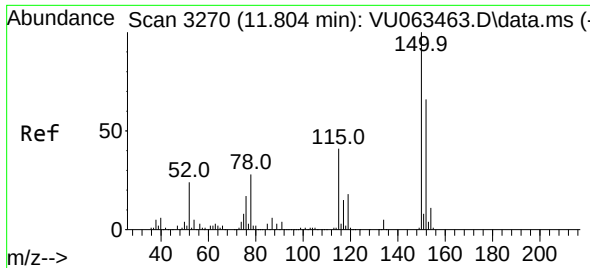
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#71
Bromoform
Concen: 0.307 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

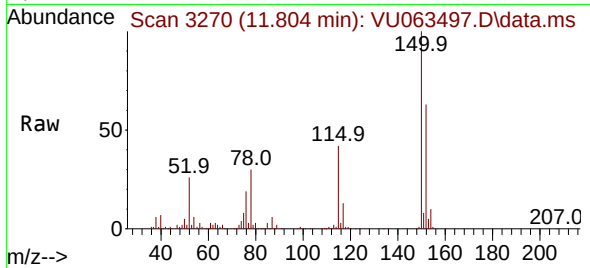
Tgt Ion:173 Resp: 316
Ion Ratio Lower Upper
173 100
175 45.3 24.0 72.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

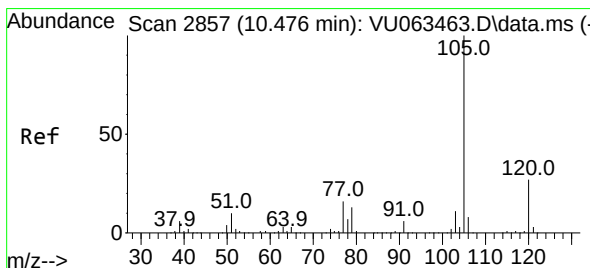
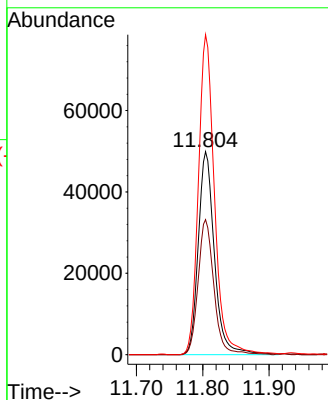
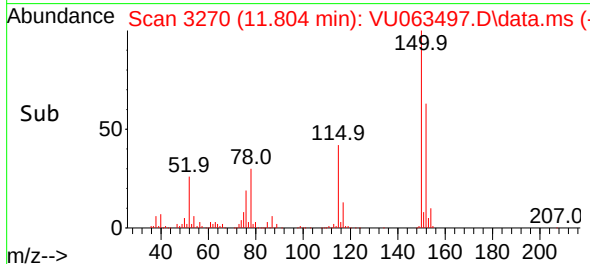
Instrument :
MSVOA_U
ClientSampleId :
MDL05



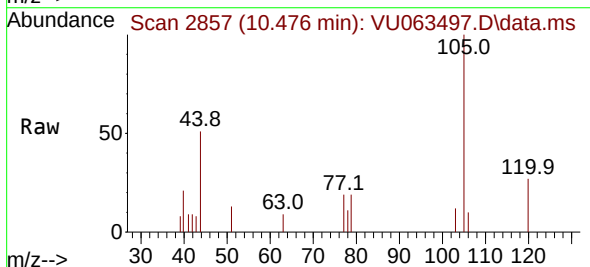
Tgt Ion:152 Resp: 8484
Ion Ratio Lower Upper
152 100
115 65.0 43.4 130.2
150 156.7 0.0 341.4

Manual Integrations
APPROVED

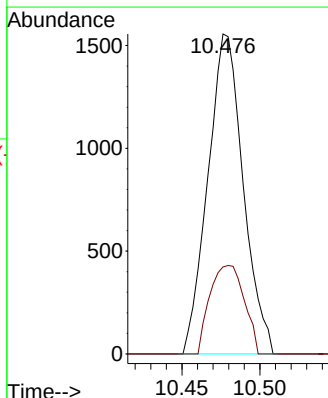
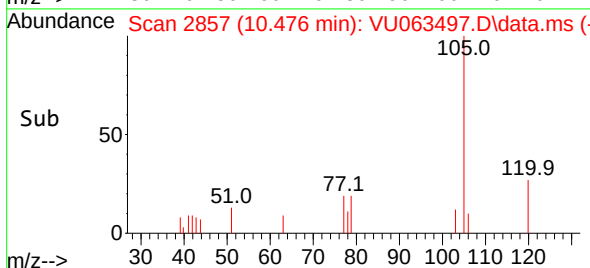
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

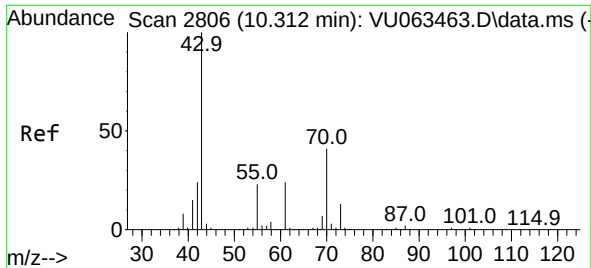


#73
Isopropylbenzene
Concen: 0.424 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



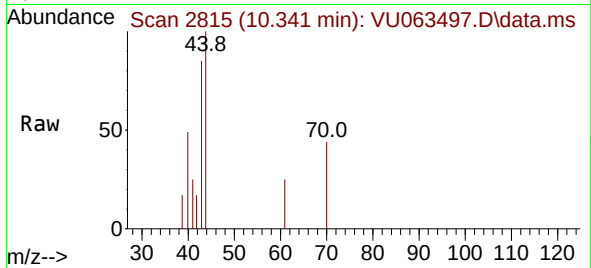
Tgt Ion:105 Resp: 2447
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1





#74
N-ethyl acetate
Concen: 0.576 ug/l m
RT: 10.341 min Scan# 2815
Delta R.T. 0.029 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

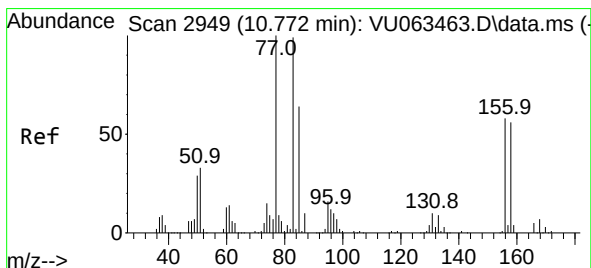
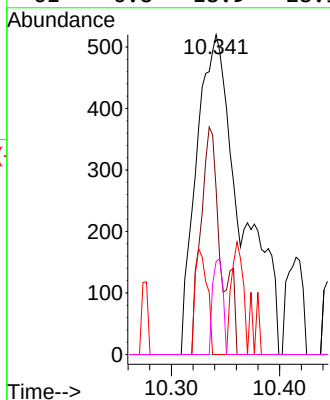
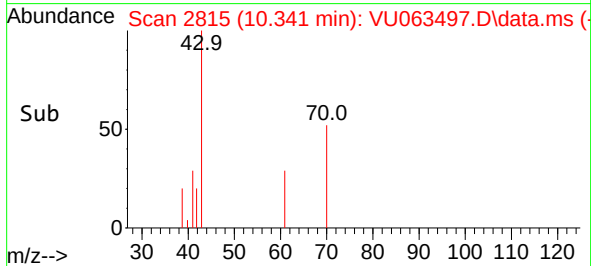
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
70 28.7 32.6 48.8
55 8.8 18.6 27.8
61 6.8 18.9 28.3

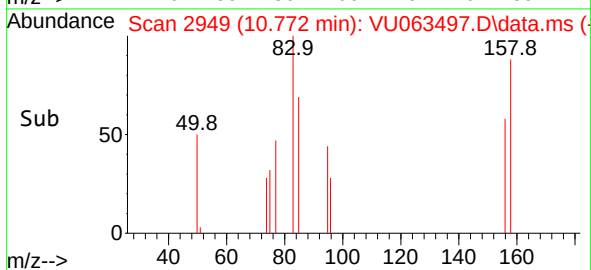
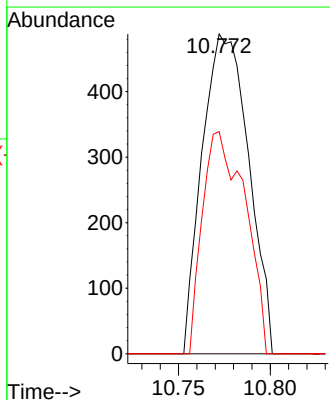
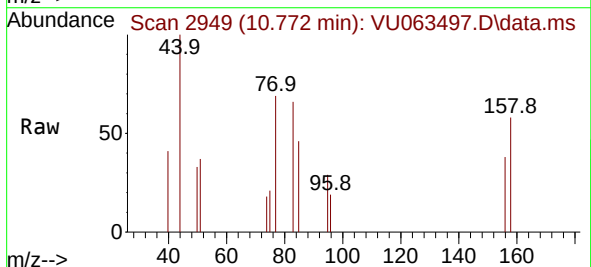
Manual Integrations
APPROVED

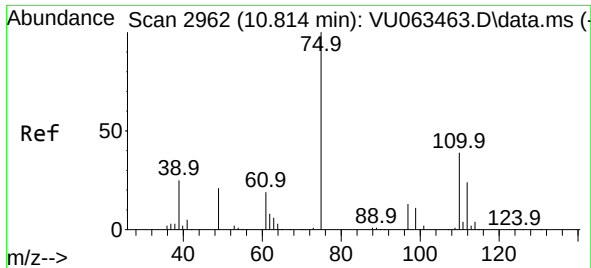
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.405 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

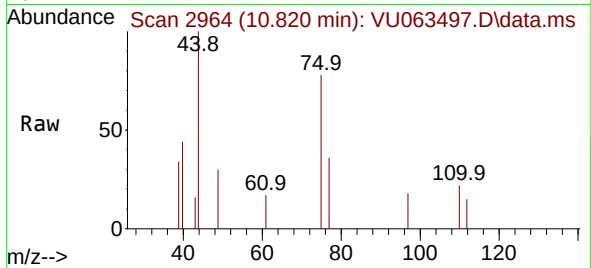
Tgt Ion: 83 Resp: 861
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 63.8 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 0.549 ug/l m
RT: 10.820 min Scan# 2962
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

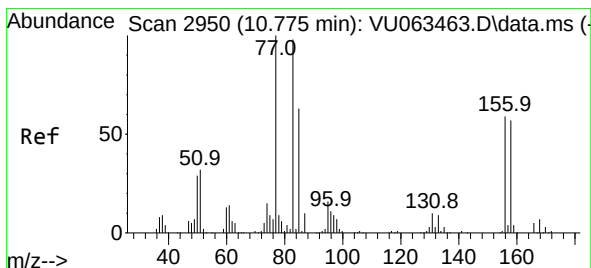
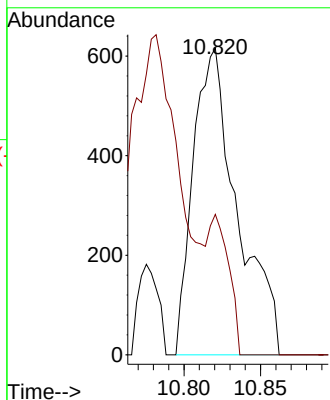
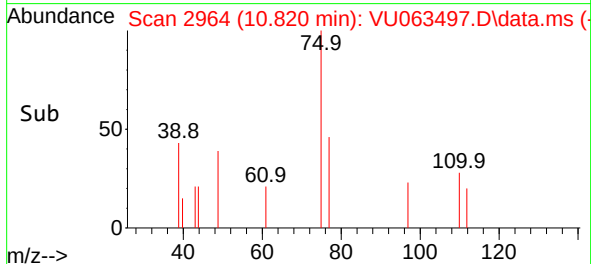
Instrument :
MSVOA_U
ClientSampleId :
MDL05



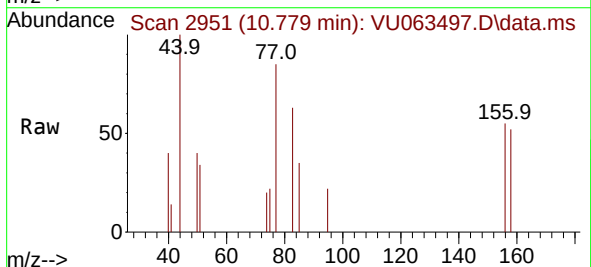
Tgt Ion: 75 Resp: 123
Ion Ratio Lower Upper
75 100
77 23.2 3.1 9.4

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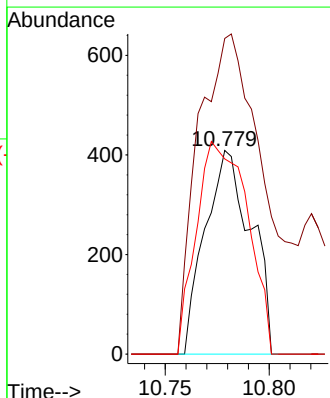
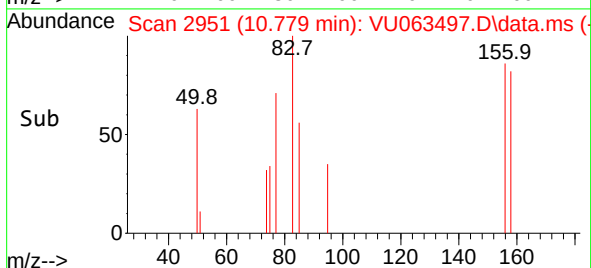
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

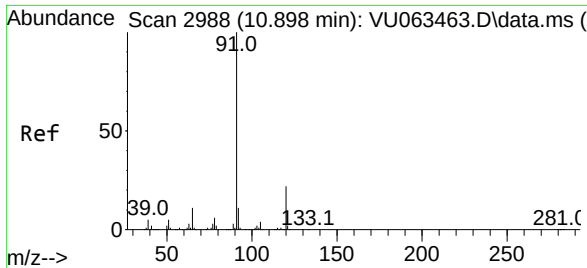


#77
Bromobenzene
Concen: 0.444 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



Tgt Ion:156 Resp: 628
Ion Ratio Lower Upper
156 100
77 227.9 78.2 234.6
158 116.6 46.8 140.4





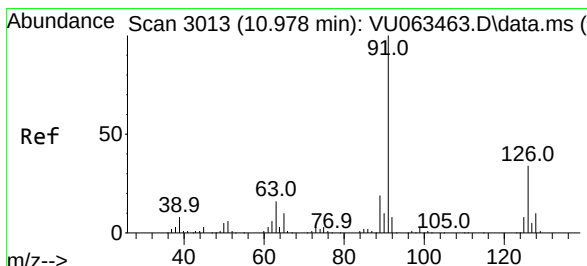
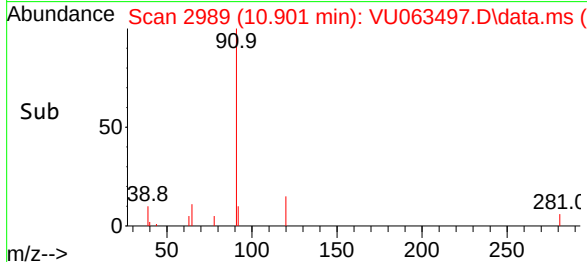
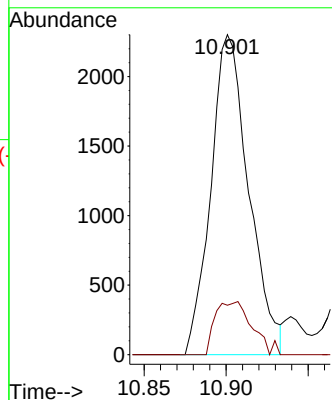
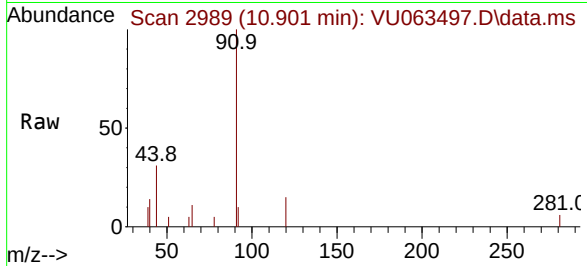
#78
n-propylbenzene
Concen: 0.551 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 369
Ion Ratio Lower Upper
91 100
120 16.2 11.5 34.4

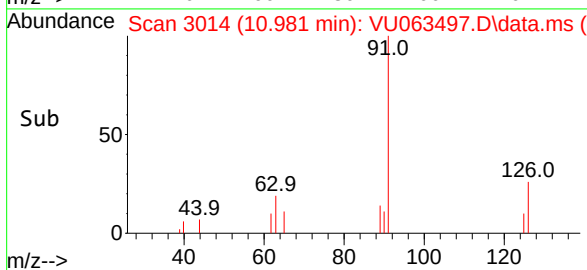
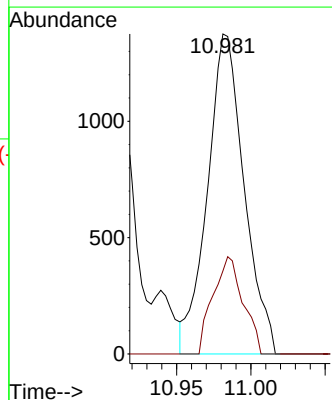
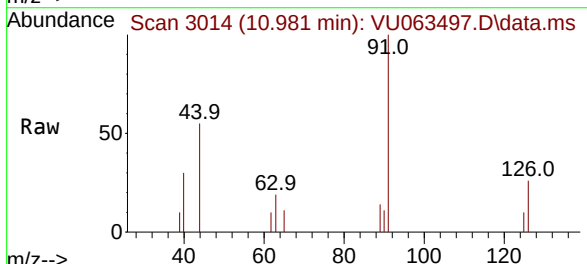
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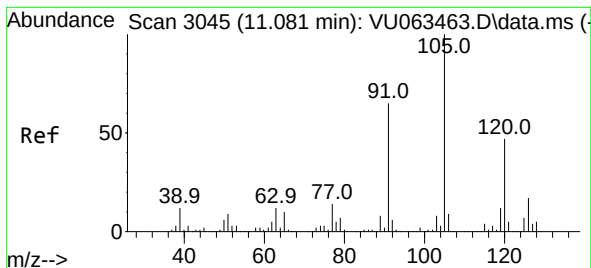
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#79
2-Chlorotoluene
Concen: 0.562 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

Tgt Ion: 91 Resp: 2361
Ion Ratio Lower Upper
91 100
126 24.9 15.9 47.7





#80

1,3,5-Trimethylbenzene

Concen: 0.458 ug/l

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 231

Ion Ratio Lower Upper

105 100

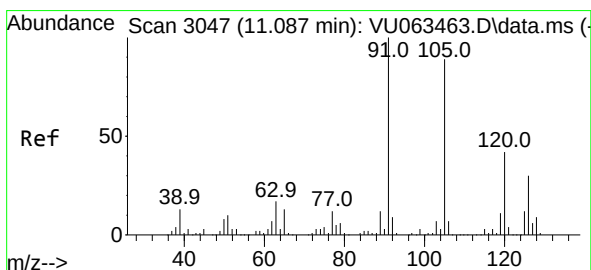
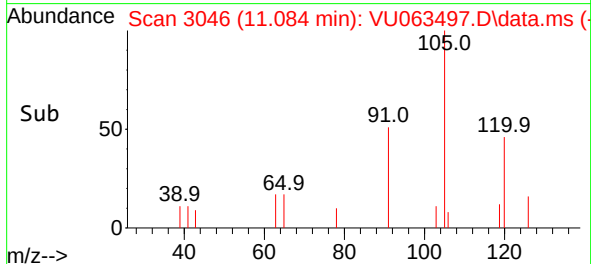
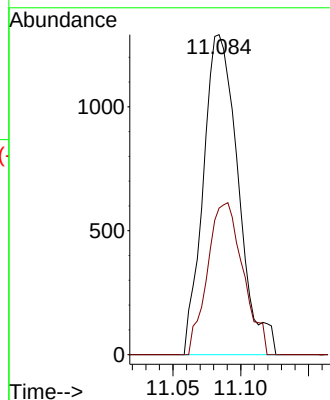
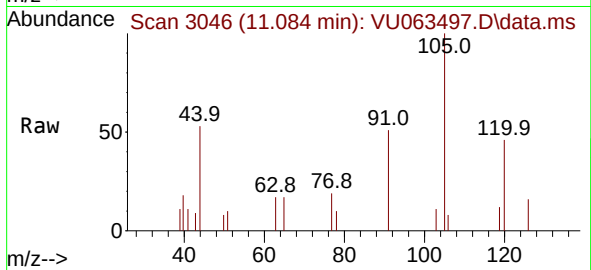
120 48.4 23.4 70.2

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Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#82

4-Chlorotoluene

Concen: 0.503 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VU063497.D

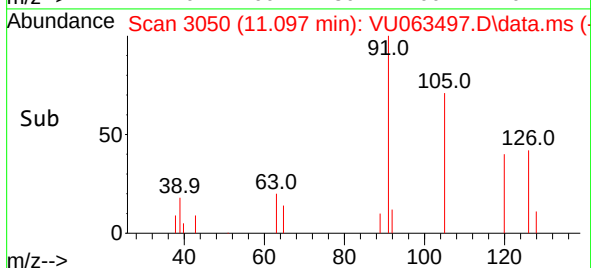
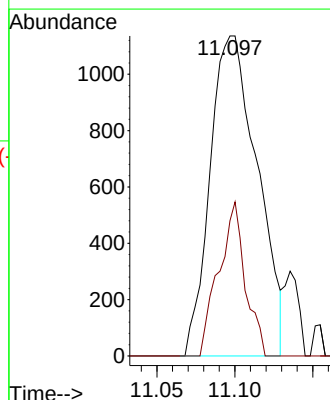
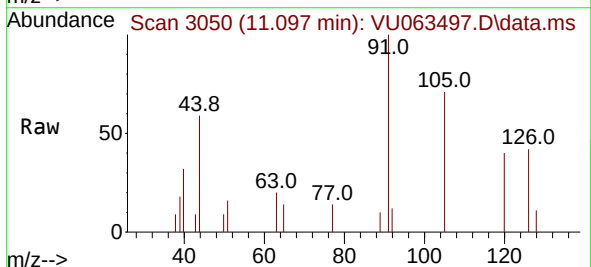
Acq: 11 Jul 2025 17:02

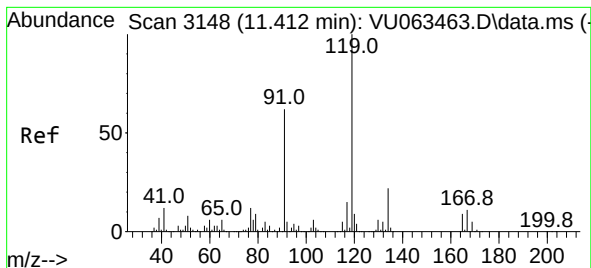
Tgt Ion: 91 Resp: 2397

Ion Ratio Lower Upper

91 100

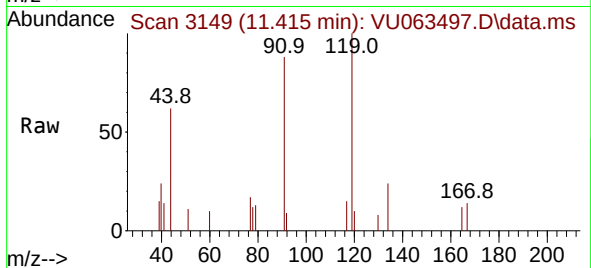
126 27.0 14.4 43.2





#83
tert-Butylbenzene
Concen: 0.432 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

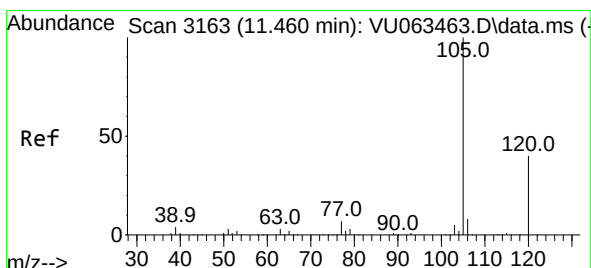
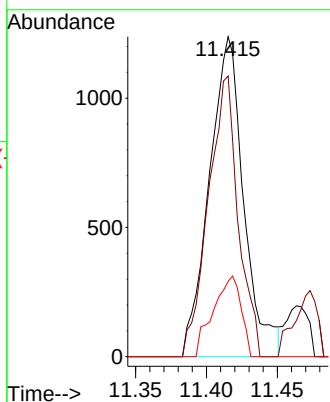
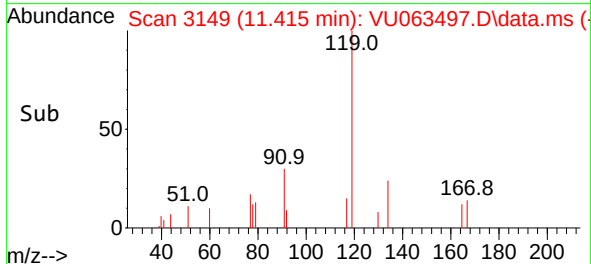
Instrument :
MSVOA_U
ClientSampleId :
MDL05



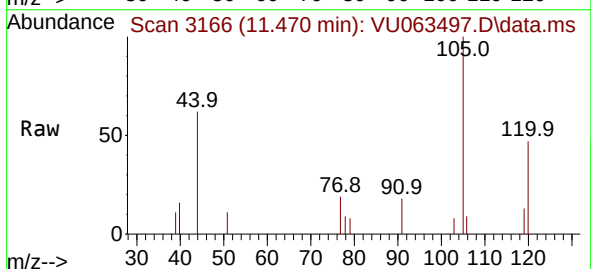
Tgt Ion:119 Resp: 2090
Ion Ratio Lower Upper
119 100
91 76.1 30.3 91.0
134 20.3 11.2 33.6

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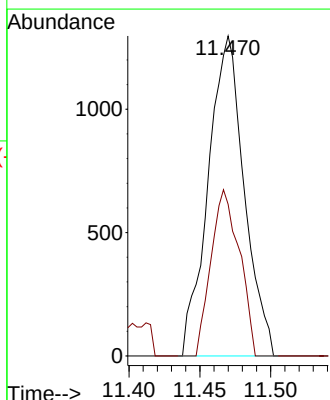
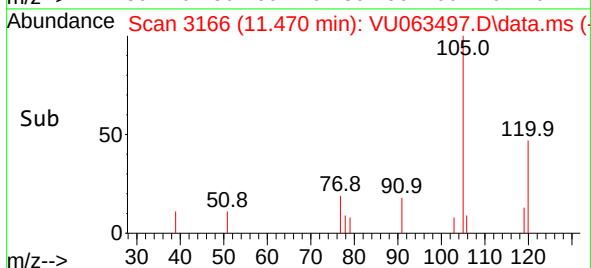
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

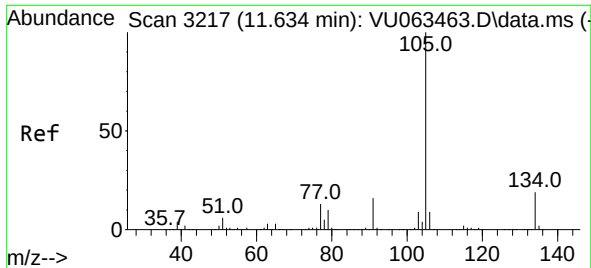


#84
1,2,4-Trimethylbenzene
Concen: 0.463 ug/l
RT: 11.470 min Scan# 3166
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



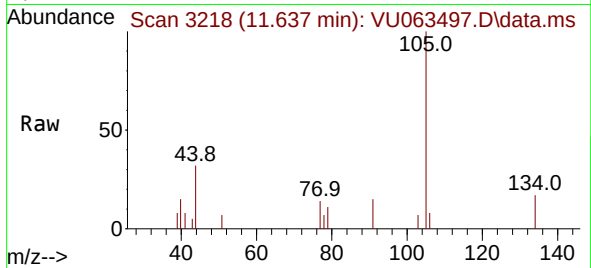
Tgt Ion:105 Resp: 2295
Ion Ratio Lower Upper
105 100
120 41.0 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 0.535 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

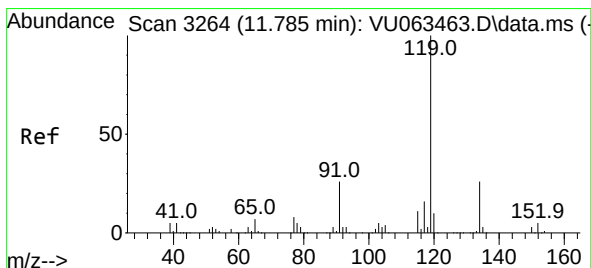
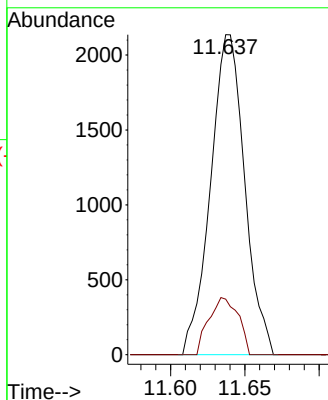
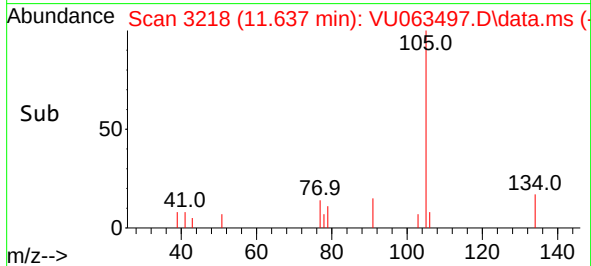
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



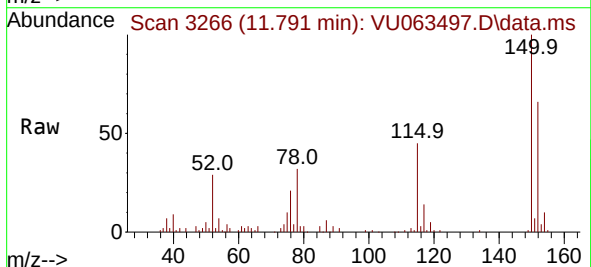
Tgt Ion:105 Resp: 341
 Ion Ratio Lower Upper
 105 100
 134 15.3 9.7 29.1

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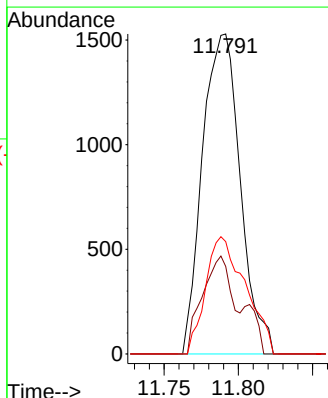
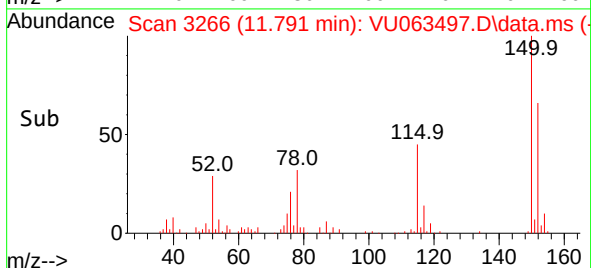
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

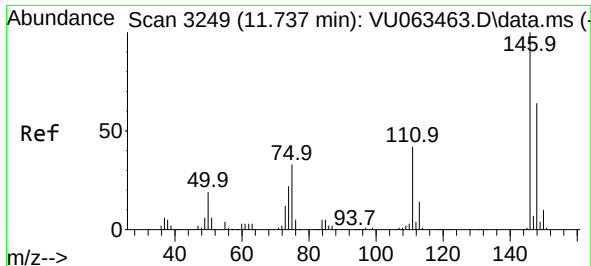


#86
 p-Isopropyltoluene
 Concen: 0.523 ug/l
 RT: 11.791 min Scan# 3266
 Delta R.T. 0.006 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02



Tgt Ion:119 Resp: 2709
 Ion Ratio Lower Upper
 119 100
 134 24.3 13.0 38.9
 91 38.6 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 0.560 ug/l

RT: 11.743 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Instrument :

MSVOA_U

ClientSampleId :

MDL05

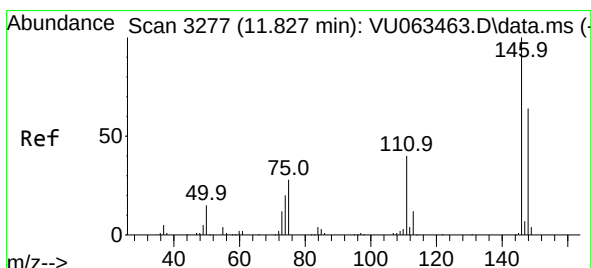
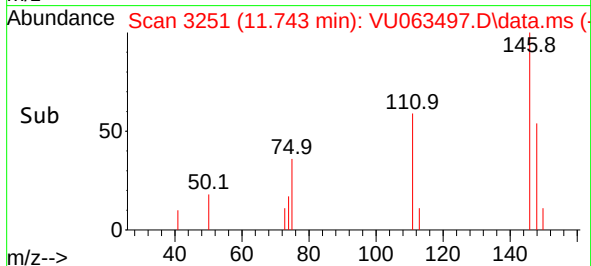
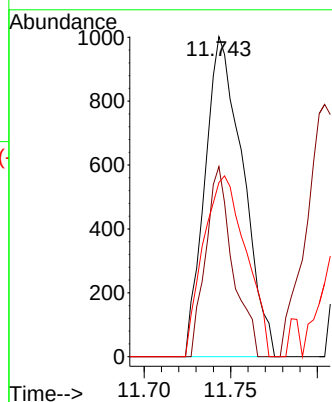
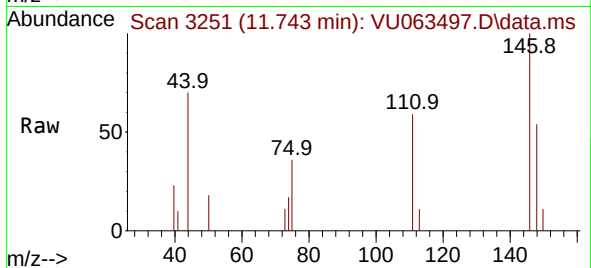
Tgt Ion:146 Resp: 1520

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.7
148	63.4	31.9	95.9

Manual Integrations

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



#88

1,4-Dichlorobenzene

Concen: 0.594 ug/l m

RT: 11.830 min Scan# 3278

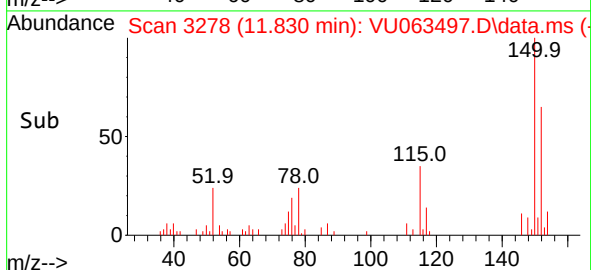
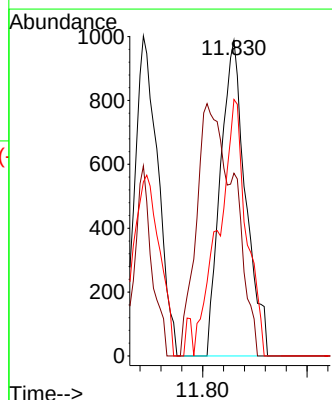
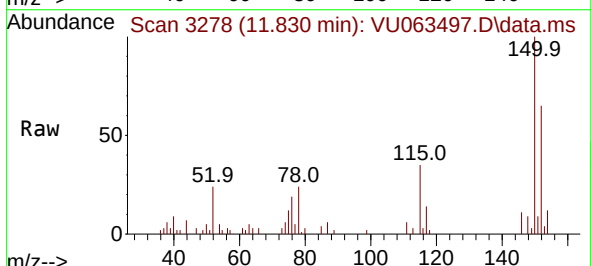
Delta R.T. 0.003 min

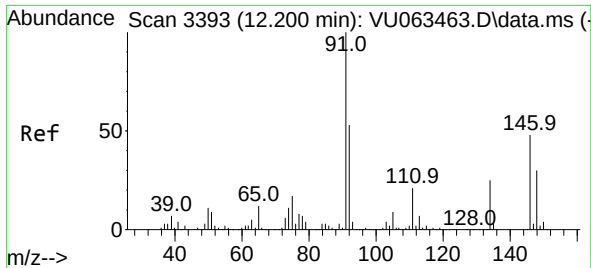
Lab File: VU063497.D

Acq: 11 Jul 2025 17:02

Tgt Ion:146 Resp: 1652

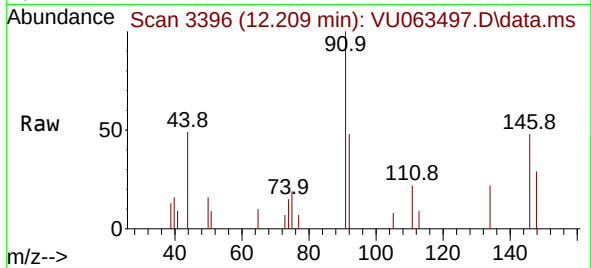
Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.8	62.4
148	58.5	31.9	95.9





#89
n-Butylbenzene
Concen: 0.602 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

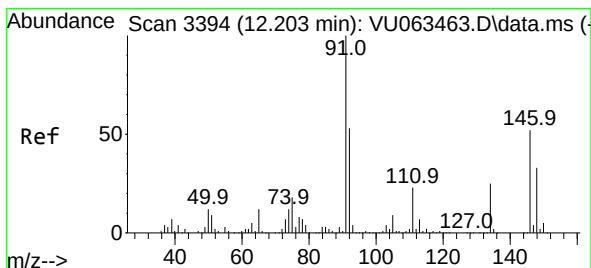
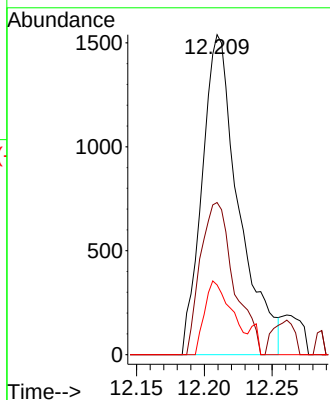
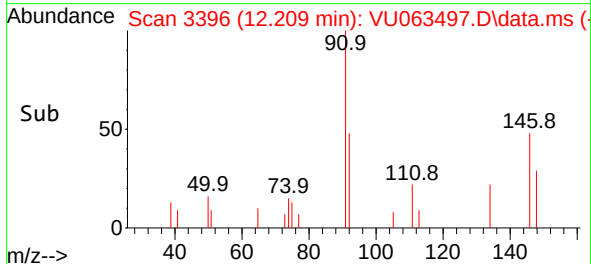
Instrument :
MSVOA_U
ClientSampleId :
MDL05



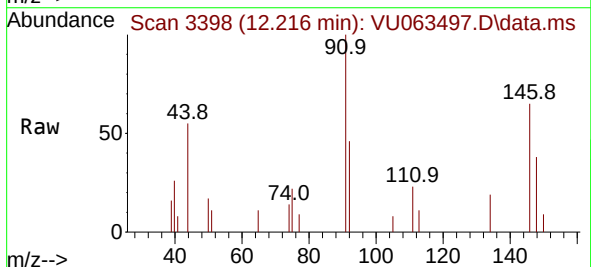
Tgt Ion: 91 Resp: 288
Ion Ratio Lower Upper
91 100
92 43.6 26.4 79.2
134 17.5 12.4 37.0

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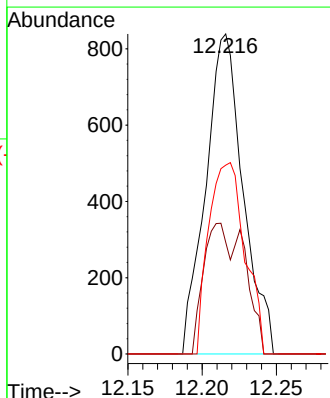
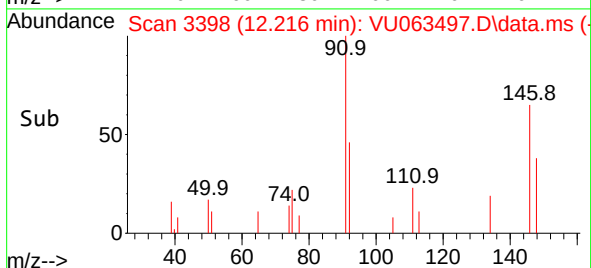
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

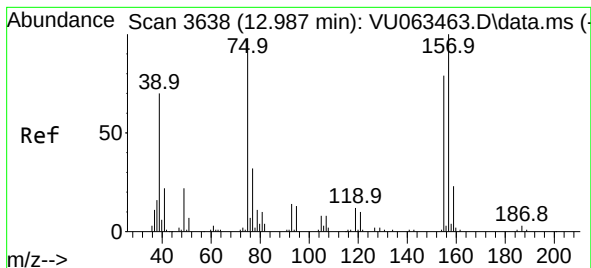


#91
1,2-Dichlorobenzene
Concen: 0.552 ug/l
RT: 12.216 min Scan# 3398
Delta R.T. 0.013 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



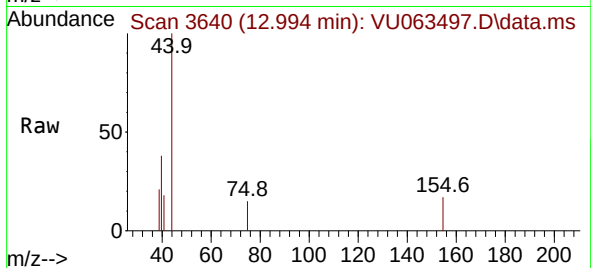
Tgt Ion:146 Resp: 1468
Ion Ratio Lower Upper
146 100
111 27.9 21.9 65.5
148 57.9 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.296 ug/l
RT: 12.994 min Scan# 30
Delta R.T. 0.006 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

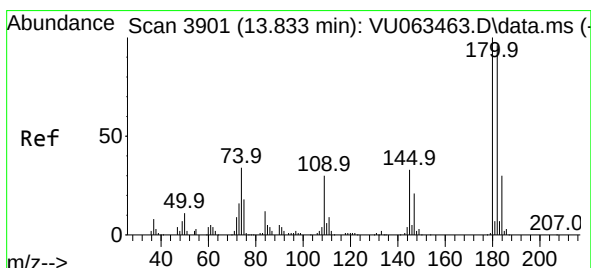
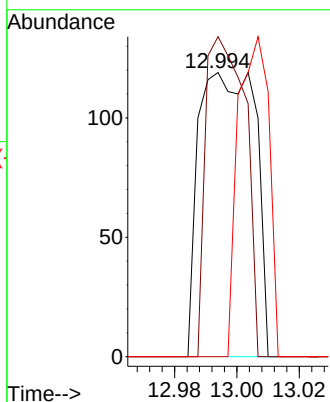
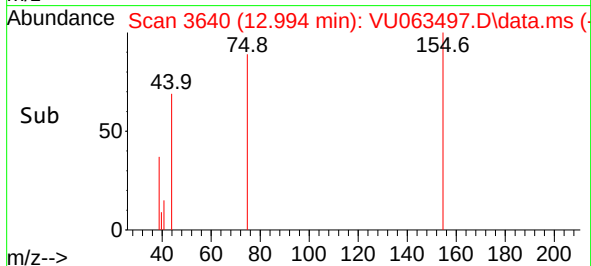
Instrument :
MSVOA_U
ClientSampleId :
MDL05



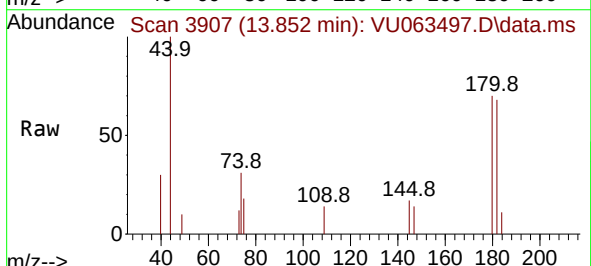
Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
155 78.5 39.1 117.5
157 61.1 49.4 148.2

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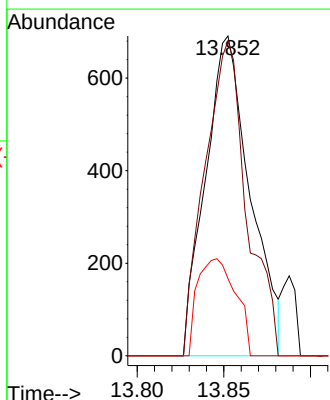
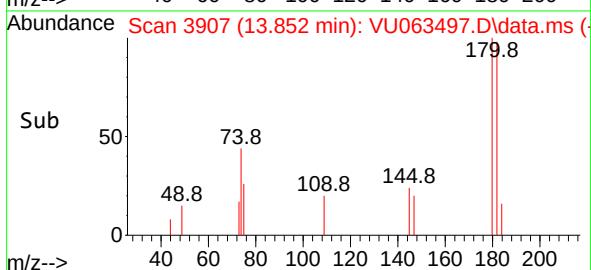
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

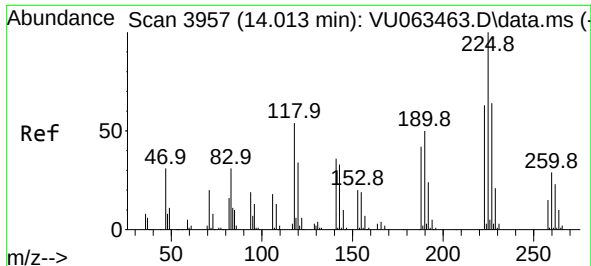


#93
1,2,4-Trichlorobenzene
Concen: 0.729 ug/l
RT: 13.852 min Scan# 3907
Delta R.T. 0.019 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



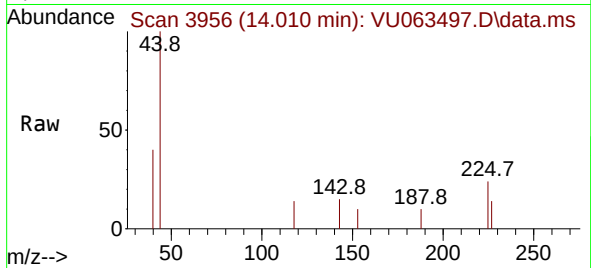
Tgt Ion:180 Resp: 1241
Ion Ratio Lower Upper
180 100
182 92.5 47.7 143.1
145 25.8 16.6 49.7





#94
Hexachlorobutadiene
Concen: 0.381 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02

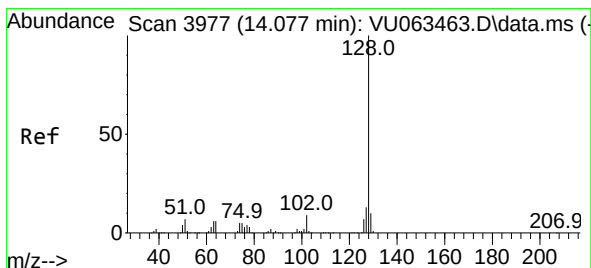
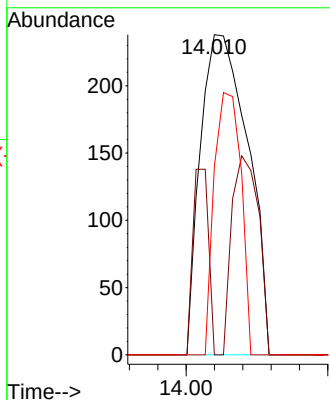
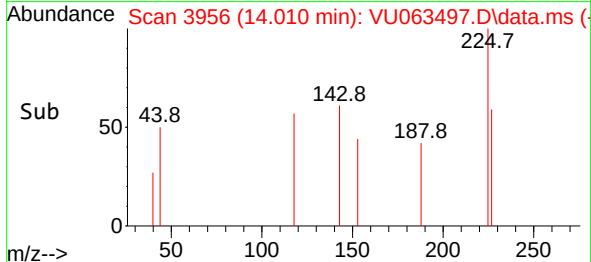
Instrument :
MSVOA_U
ClientSampleId :
MDL05



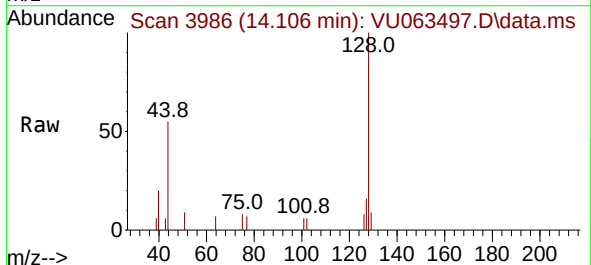
Tgt Ion:225 Resp: 277
Ion Ratio Lower Upper
225 100
223 19.1 32.4 97.0#
227 46.2 32.3 96.9

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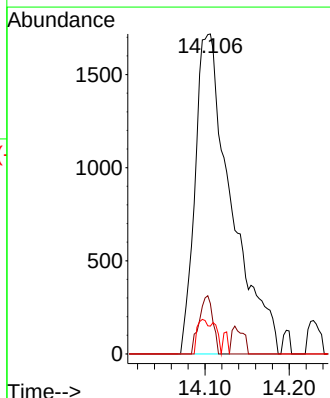
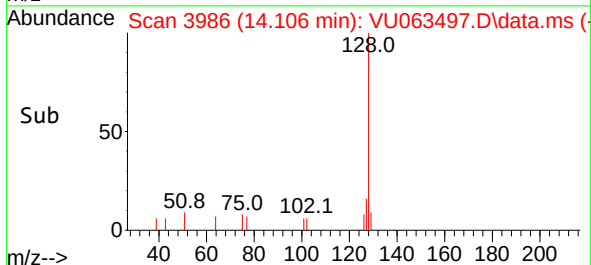
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

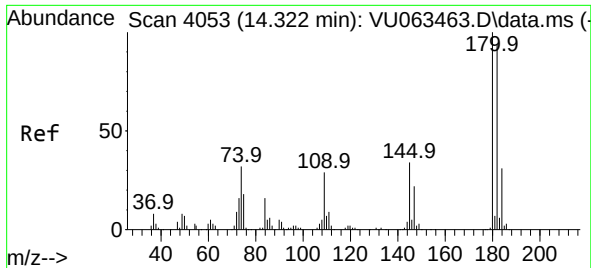


#95
Naphthalene
Concen: 0.918 ug/l
RT: 14.106 min Scan# 3986
Delta R.T. 0.029 min
Lab File: VU063497.D
Acq: 11 Jul 2025 17:02



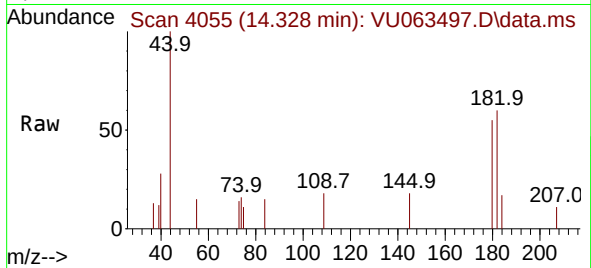
Tgt Ion:128 Resp: 5117
Ion Ratio Lower Upper
128 100
127 6.9 10.2 15.4#
129 5.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.645 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063497.D
 Acq: 11 Jul 2025 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion:180 Resp: 1080
 Ion Ratio Lower Upper
 180 100
 182 103.9 47.8 143.3
 145 25.0 17.2 51.5

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

