

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063495.D
 Acq On : 11 Jul 2025 16:18
 Operator : MD/SY
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 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 03:56:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	99863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	182043	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	167879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	85102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	71709	56.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.560%			
35) Dibromofluoromethane	5.274	113	56309	51.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	7.888	98	174926	48.904	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.800%			
62) 4-Bromofluorobenzene	10.624	95	80380	51.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1952	2.458	ug/l	96
3) Chloromethane	1.518	50	2445	2.527	ug/l	97
4) Vinyl Chloride	1.599	62	2940	2.741	ug/l	97
5) Bromomethane	1.843	94	2948	3.923	ug/l	95
6) Chloroethane	1.923	64	2324	2.990	ug/l	94
7) Trichlorofluoromethane	2.126	101	4562	2.636	ug/l	92
8) Diethyl Ether	2.370	74	1741	2.414	ug/l	62
9) 1,1,2-Trichlorotrifluo...	2.567	101	2684	2.622	ug/l	98
10) Methyl Iodide	2.711	142	2335	2.184	ug/l #	85
11) Tert butyl alcohol	3.190	59	7879	18.443	ug/l #	88
12) 1,1-Dichloroethene	2.570	96	2589	2.717	ug/l	92
13) Acrolein	2.483	56	1323	21.941	ug/l #	60
14) Allyl chloride	2.907	41	6255	2.758	ug/l #	87
15) Acrylonitrile	3.303	53	14387	15.722	ug/l	97
16) Acetone	2.621	43	14072	13.166	ug/l	97
17) Carbon Disulfide	2.779	76	6751	2.964	ug/l #	94
18) Methyl Acetate	2.939	43	7492	2.724	ug/l	100
19) Methyl tert-butyl Ether	3.361	73	10126	2.464	ug/l	97
20) Methylene Chloride	3.026	84	3812	2.446	ug/l #	94
21) trans-1,2-Dichloroethene	3.335	96	3089	3.018	ug/l	93
22) Diisopropyl ether	3.994	45	10329	2.675	ug/l	97
23) Vinyl Acetate	3.949	43	38758	12.935	ug/l	99
24) 1,1-Dichloroethane	3.843	63	5496	2.508	ug/l #	92
25) 2-Butanone	4.718	43	15601	13.002	ug/l	99
26) 2,2-Dichloropropane	4.647	77	4202	2.204	ug/l	100
27) cis-1,2-Dichloroethene	4.656	96	3577	2.647	ug/l	92
28) Bromochloromethane	4.955	49	3132	3.042	ug/l #	97
29) Tetrahydrofuran	5.062	42	11316	14.951	ug/l	94
30) Chloroform	5.071	83	6037	2.609	ug/l	94
31) Cyclohexane	5.364	56	7079	4.018	ug/l #	71
32) 1,1,1-Trichloroethane	5.296	97	4882	2.478	ug/l	92
36) 1,1-Dichloropropene	5.515	75	4101	2.750	ug/l	88
37) Ethyl Acetate	4.824	43	7648m	3.167	ug/l	
38) Carbon Tetrachloride	5.508	117	4028	2.452	ug/l	96
39) Methylcyclohexane	6.743	83	4381	2.432	ug/l #	87
40) Benzene	5.766	78	11569	2.484	ug/l	98

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 Supervised By :Semsettin Yesilyurt 07/16/2025

Quant Time: Jul 12 03:56:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.981	41	3375m	2.962	ug/l	
42) 1,2-Dichloroethane	5.795	62	4609	2.632	ug/l	85
43) Isopropyl Acetate	5.920	43	8048	2.509	ug/l #	88
44) Trichloroethene	6.531	130	2853	2.289	ug/l	95
45) 1,2-Dichloropropane	6.785	63	2977	2.300	ug/l	92
46) Dibromomethane	6.904	93	2330	2.530	ug/l #	83
47) Bromodichloromethane	7.090	83	4461	2.329	ug/l	88
48) Methyl methacrylate	6.968	41	3913	2.640	ug/l	91
49) 1,4-Dioxane	6.975	88	1833	56.348	ug/l #	88
51) 4-Methyl-2-Pentanone	7.788	43	30944	13.329	ug/l	98
52) Toluene	7.962	92	6996	2.297	ug/l	95
53) t-1,3-Dichloropropene	8.209	75	3370	2.011	ug/l	89
54) cis-1,3-Dichloropropene	7.605	75	3815	2.034	ug/l	95
55) 1,1,2-Trichloroethane	8.389	97	3216	2.486	ug/l #	88
56) Ethyl methacrylate	8.335	69	4575	2.193	ug/l #	90
57) 1,3-Dichloropropane	8.573	76	4658	2.185	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.479	63	136m	6.277	ug/l	
59) 2-Hexanone	8.682	43	22723	12.941	ug/l	99
60) Dibromochloromethane	8.798	129	2857	1.972	ug/l	98
61) 1,2-Dibromoethane	8.917	107	2954	2.327	ug/l	95
64) Tetrachloroethene	8.541	164	3028	2.423	ug/l	91
65) Chlorobenzene	9.438	112	8921	2.554	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.524	131	2586	2.159	ug/l	92
67) Ethyl Benzene	9.563	91	15020	2.502	ug/l	99
68) m/p-Xylenes	9.688	106	11150	4.867	ug/l	97
69) o-Xylene	10.094	106	5257	2.257	ug/l	98
70) Styrene	10.113	104	7776	2.100	ug/l	92
71) Bromoform	10.277	173	1901	1.821	ug/l #	97
73) Isopropylbenzene	10.476	105	14569	2.516	ug/l	95
74) N-amyl acetate	10.322	43	5991	2.307	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.775	83	5144	2.413	ug/l	98
76) 1,2,3-Trichloropropane	10.817	75	5682	2.520	ug/l #	81
77) Bromobenzene	10.775	156	3047	2.147	ug/l	70
78) n-propylbenzene	10.897	91	16716	2.489	ug/l	98
79) 2-Chlorotoluene	10.981	91	10193	2.420	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	11600	2.290	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.540	75	873m	1.931	ug/l	
82) 4-Chlorotoluene	11.093	91	12271	2.566	ug/l	97
83) tert-Butylbenzene	11.412	119	11872	2.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.463	105	11350	2.282	ug/l	100
85) sec-Butylbenzene	11.637	105	15010	2.342	ug/l	100
86) p-Isopropyltoluene	11.785	119	11850	2.279	ug/l	94
87) 1,3-Dichlorobenzene	11.740	146	6901	2.523	ug/l	91
88) 1,4-Dichlorobenzene	11.827	146	7405	2.655	ug/l	88
89) n-Butylbenzene	12.206	91	12279	2.551	ug/l	96
90) Hexachloroethane	12.466	117	1742	2.003	ug/l	88
91) 1,2-Dichlorobenzene	12.212	146	6636	2.488	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.991	75	1509	2.989	ug/l	69
93) 1,2,4-Trichlorobenzene	13.839	180	4041	2.366	ug/l	97
94) Hexachlorobutadiene	14.013	225	1799	2.464	ug/l	88
95) Naphthalene	14.090	128	15481	2.767	ug/l	98
96) 1,2,3-Trichlorobenzene	14.325	180	4251	2.532	ug/l	96

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Instrument :
MSVOA_U
ClientSampleId :
MDL05

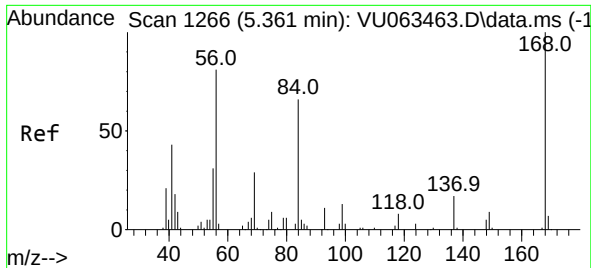
Manual Integrations
APPROVED

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

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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

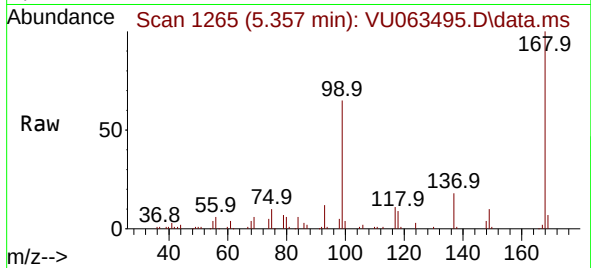
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063495.D
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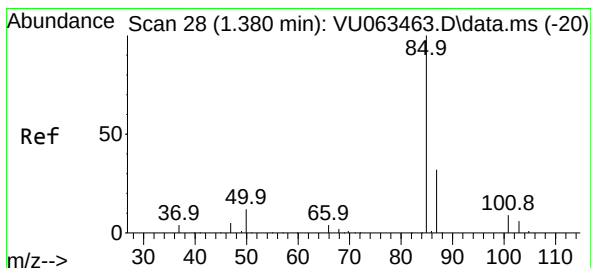
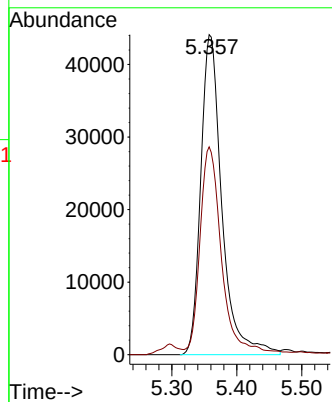
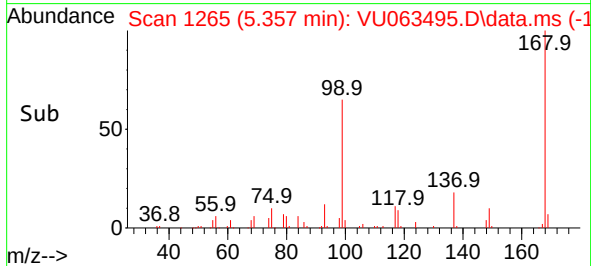
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:168 Resp: 9986
Ion Ratio Lower Upper
168 100
99 64.0 47.7 71.5

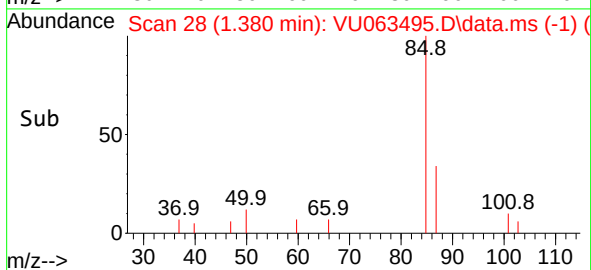
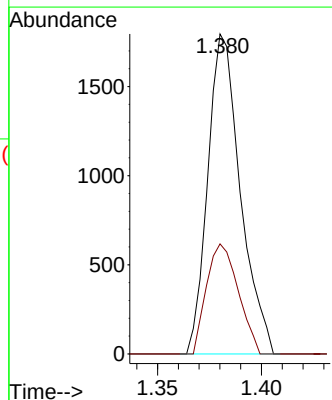
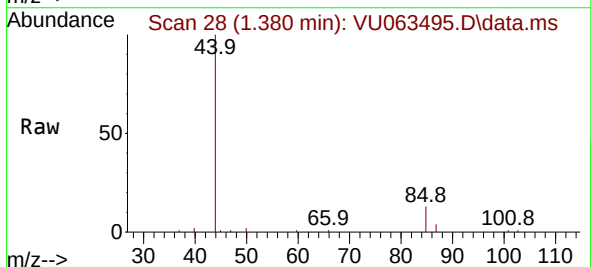
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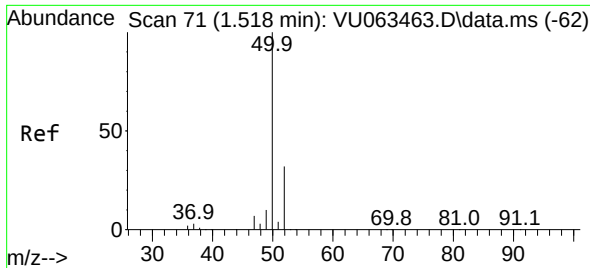
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#2
Dichlorodifluoromethane
Concen: 2.458 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

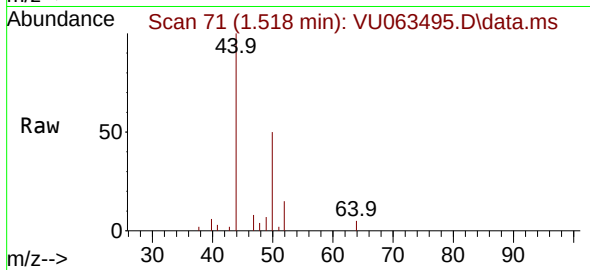
Tgt Ion: 85 Resp: 1952
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2





#3
Chloromethane
Concen: 2.527 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

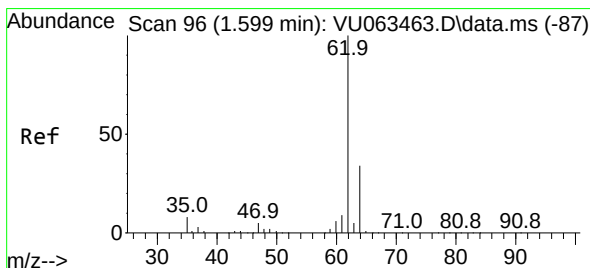
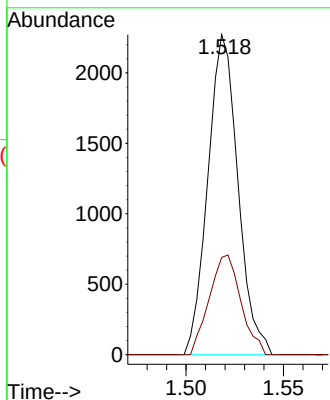
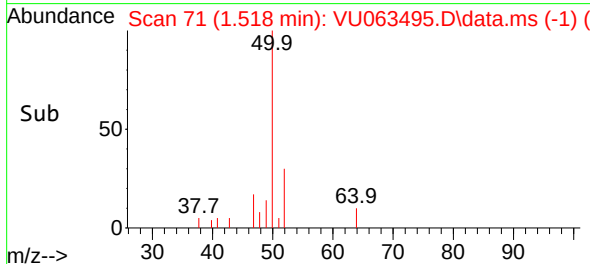
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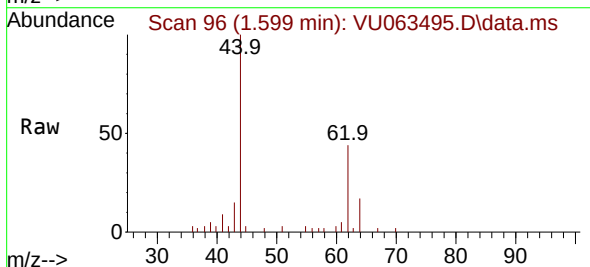
Tgt Ion: 50 Resp: 244
Ion Ratio Lower Upper
50 100
52 30.4 25.8 38.8

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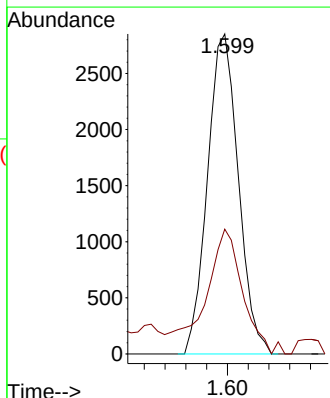
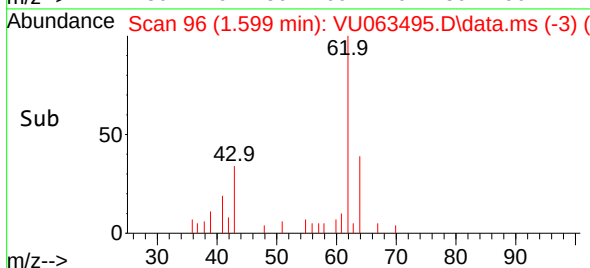
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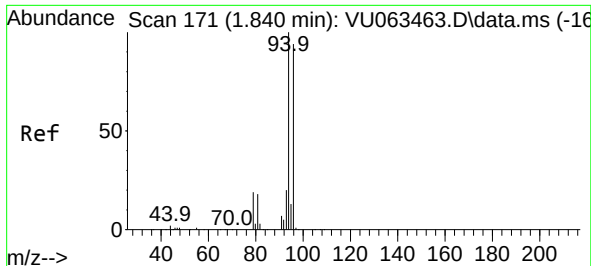


#4
Vinyl Chloride
Concen: 2.741 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18



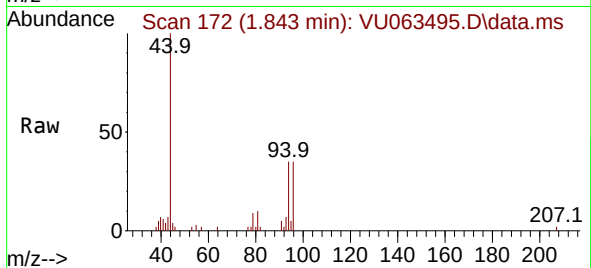
Tgt Ion: 62 Resp: 2940
Ion Ratio Lower Upper
62 100
64 35.2 26.9 40.3





#5
Bromomethane
Concen: 3.923 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

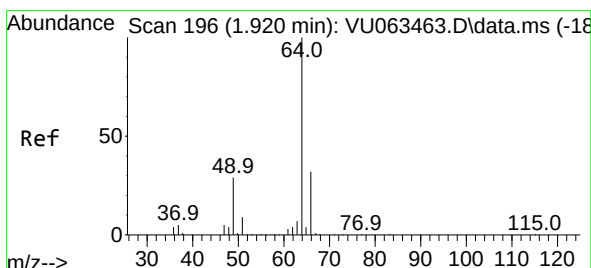
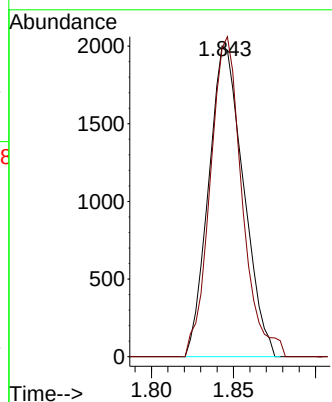
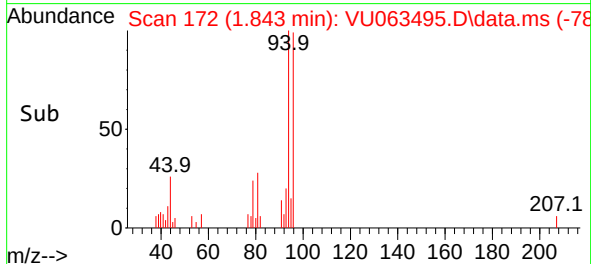
Instrument :
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Tgt Ion: 94 Resp: 2948
Ion Ratio Lower Upper
94 100
96 99.4 75.5 113.3

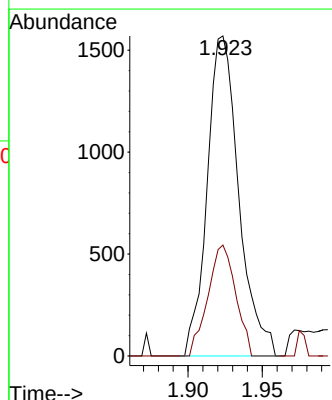
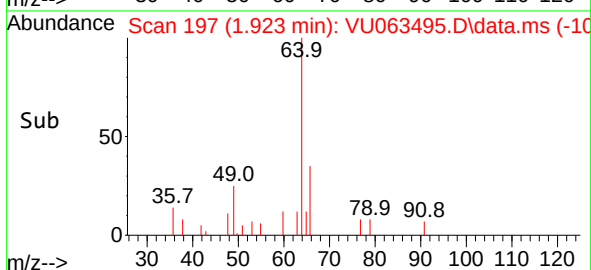
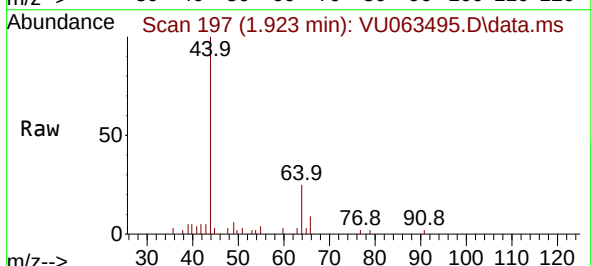
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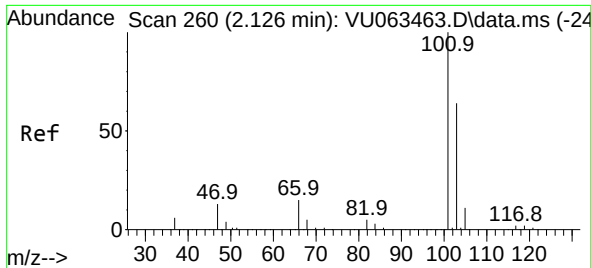
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#6
Chloroethane
Concen: 2.990 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 64 Resp: 2324
Ion Ratio Lower Upper
64 100
66 34.6 25.3 37.9





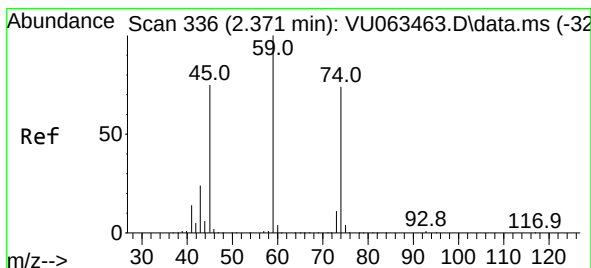
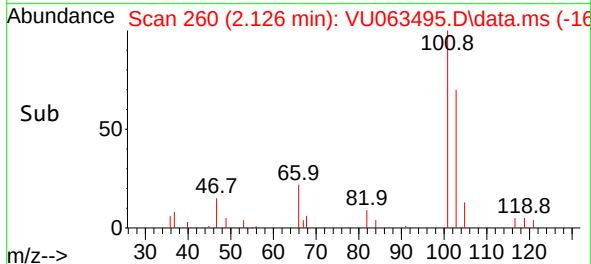
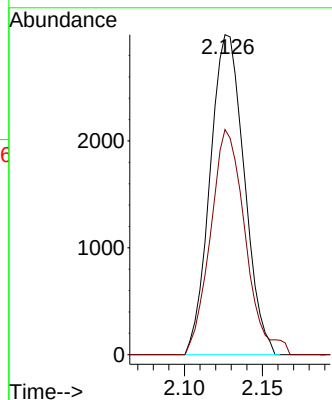
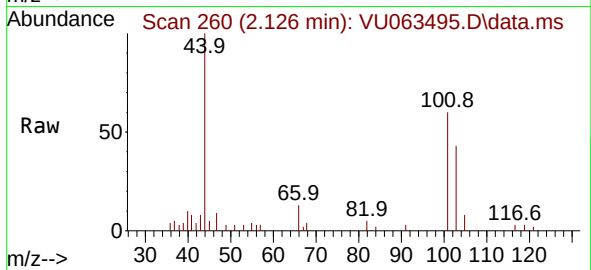
#7
Trichlorofluoromethane
Concen: 2.636 ug/l
RT: 2.126 min Scan# 260
Delta R.T. 0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
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MDL05

Tgt Ion:101 Resp: 456
Ion Ratio Lower Upper
101 100
103 70.4 51.1 76.7

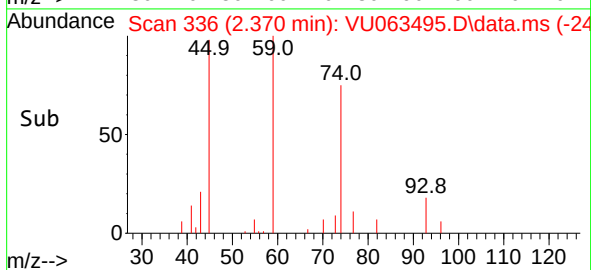
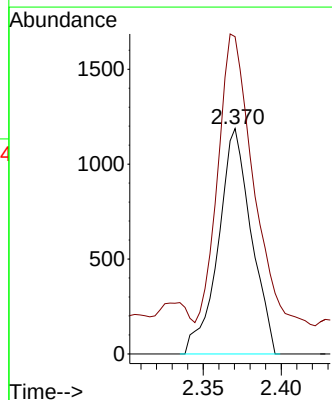
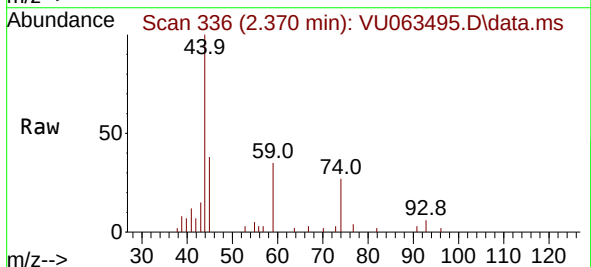
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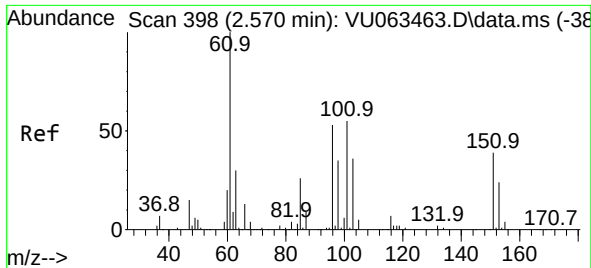
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#8
Diethyl Ether
Concen: 2.414 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 74 Resp: 1741
Ion Ratio Lower Upper
74 100
45 137.5 49.7 149.1





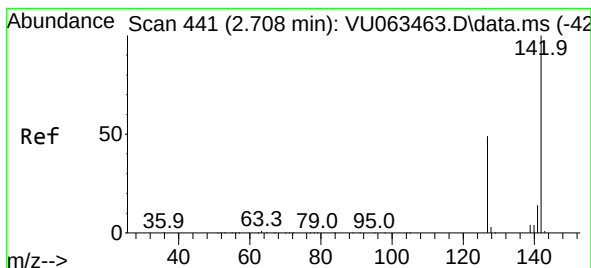
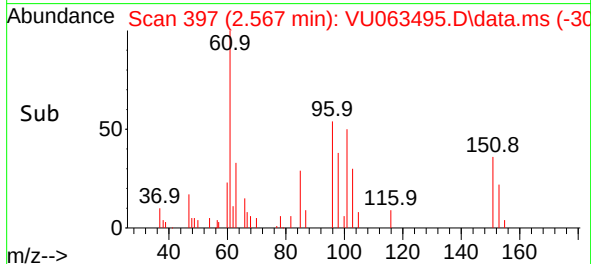
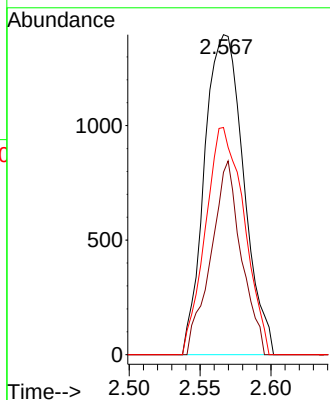
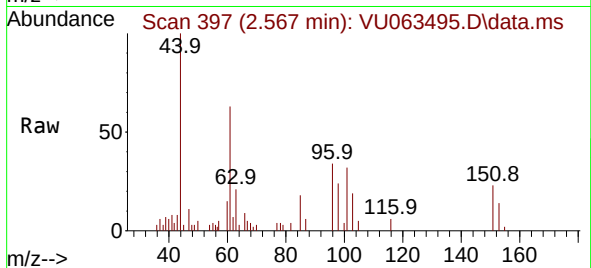
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.622 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 2684
Ion Ratio Lower Upper
101 100
85 47.1 39.6 59.4
151 70.3 57.2 85.8

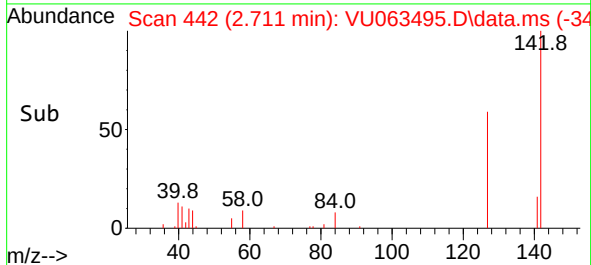
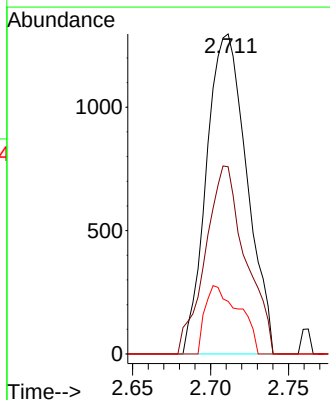
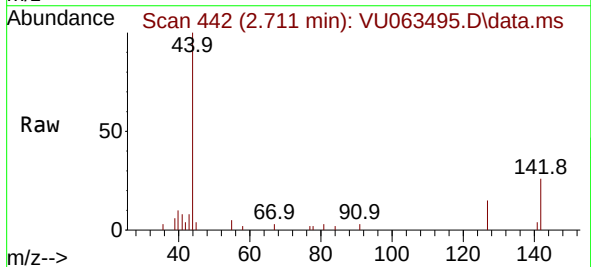
Manual Integrations
APPROVED

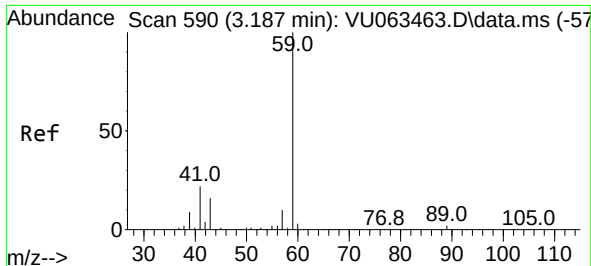
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#10
Methyl Iodide
Concen: 2.184 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:142 Resp: 2335
Ion Ratio Lower Upper
142 100
127 58.5 38.2 57.4#
141 17.9 11.1 16.7#





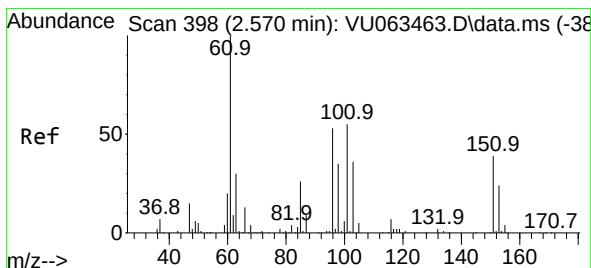
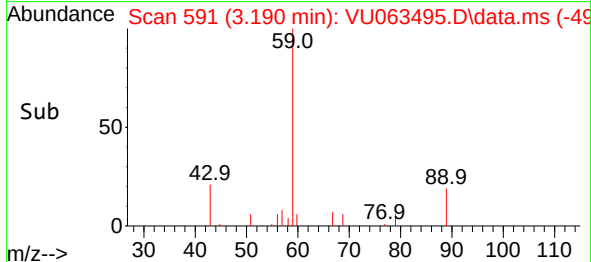
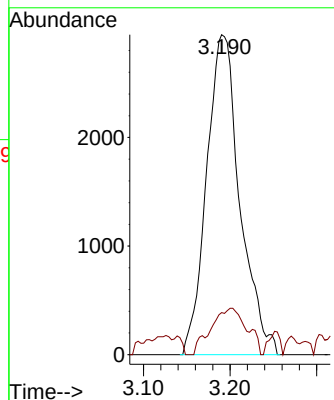
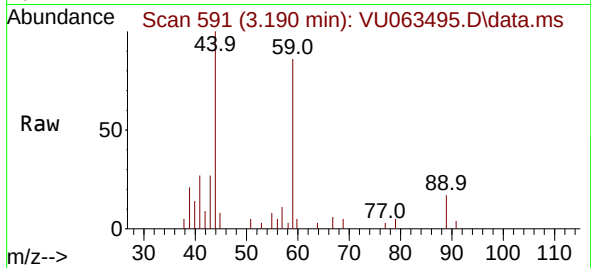
#11
Tert butyl alcohol
Concen: 18.443 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 59 Resp: 7879
Ion Ratio Lower Upper
59 100
57 15.6 8.8 13.2

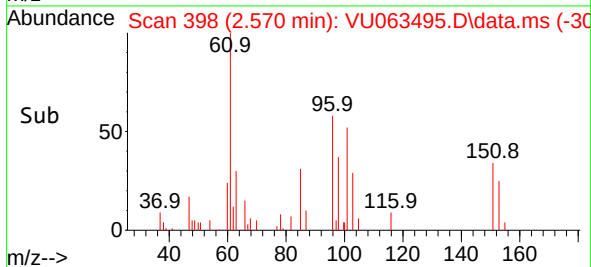
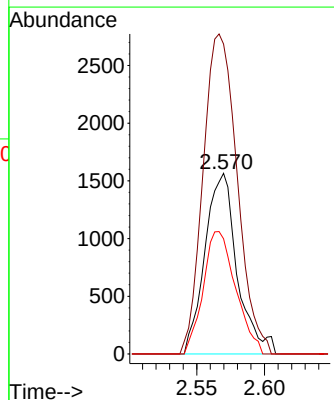
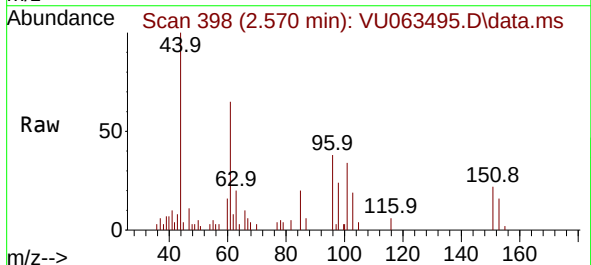
Manual Integrations
APPROVED

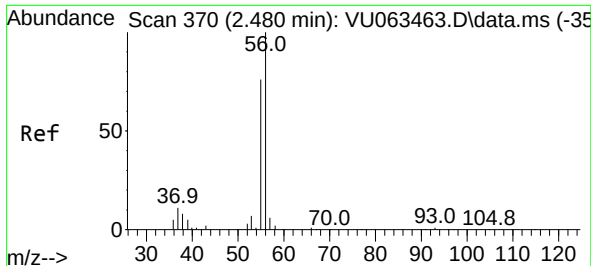
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#12
1,1-Dichloroethene
Concen: 2.717 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

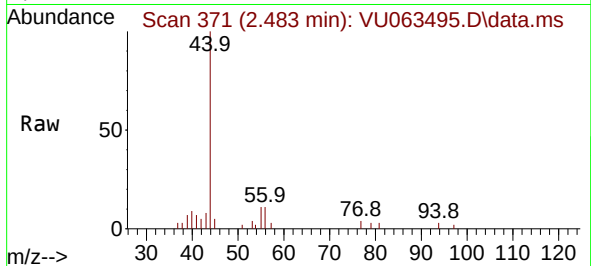
Tgt Ion: 96 Resp: 2589
Ion Ratio Lower Upper
96 100
61 171.6 149.6 224.4
98 63.8 52.0 78.0





#13
Acrolein
Concen: 21.941 ug/l
RT: 2.483 min Scan# 370
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

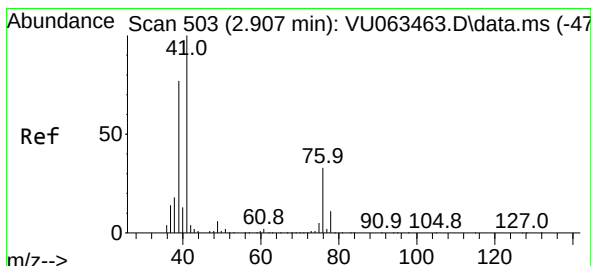
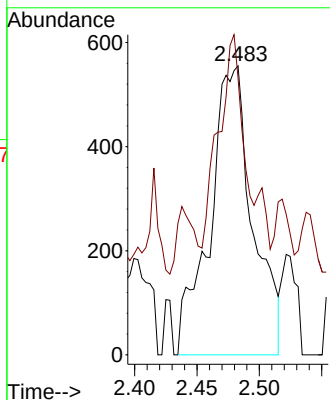
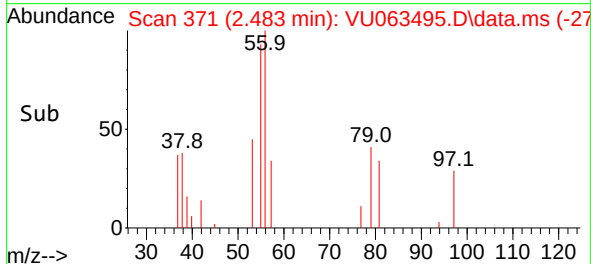
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 41.5 60.2 90.2

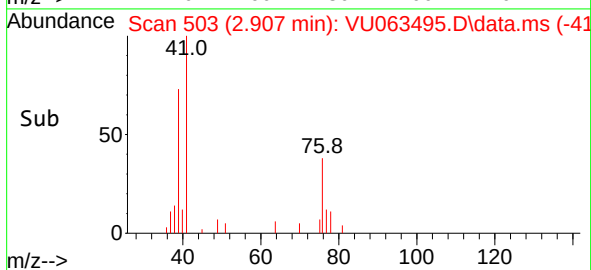
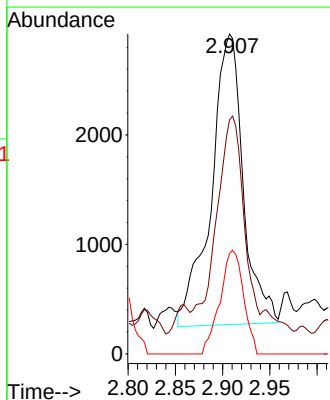
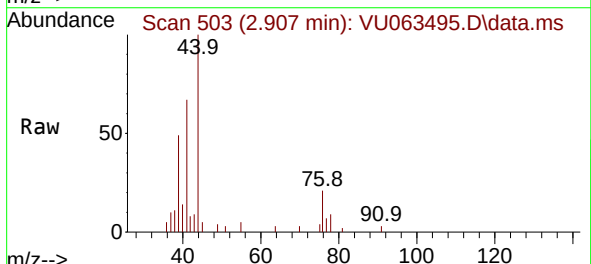
Manual Integrations
APPROVED

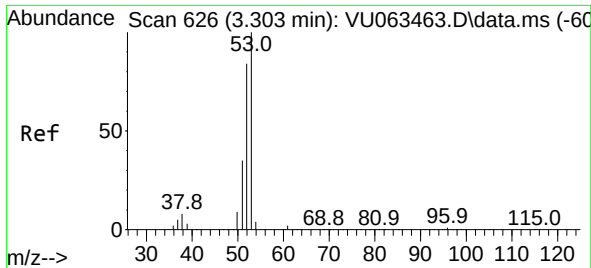
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#14
Allyl chloride
Concen: 2.758 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

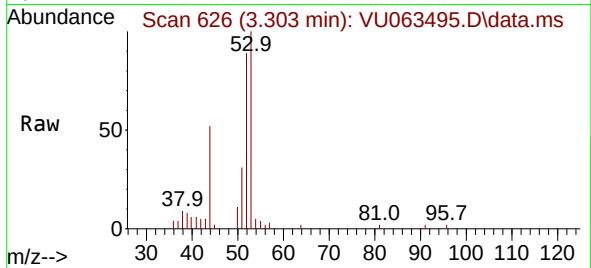
Tgt Ion: 41 Resp: 6255
Ion Ratio Lower Upper
41 100
39 53.8 53.9 80.9#
76 26.2 23.1 34.7





#15
Acrylonitrile
Concen: 15.722 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

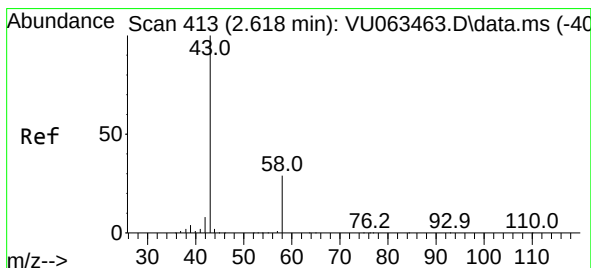
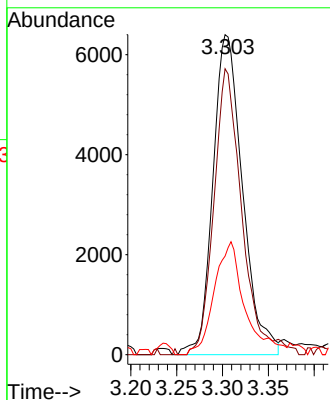
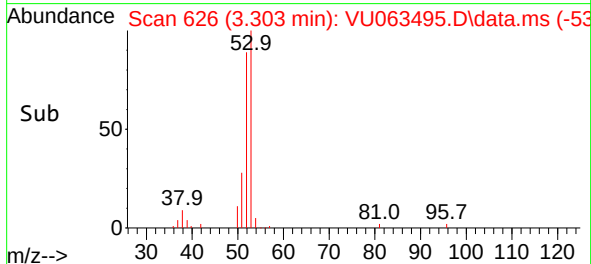
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 53 Resp: 1438
Ion Ratio Lower Upper
53 100
52 84.6 65.0 97.4
51 36.5 28.8 43.2

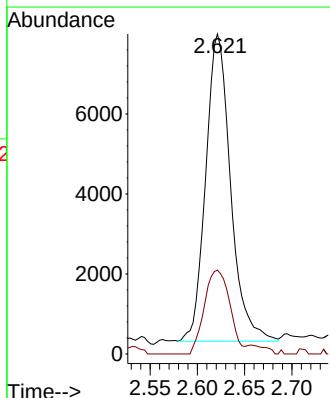
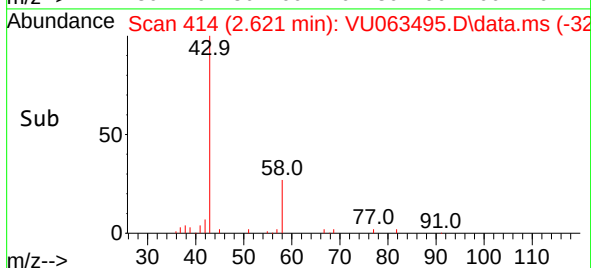
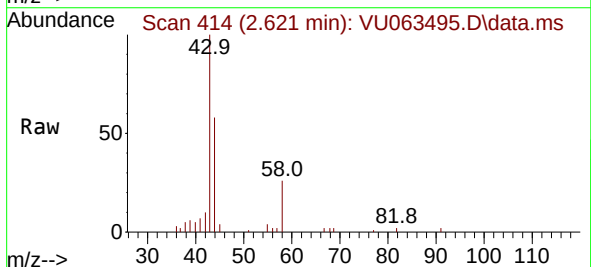
Manual Integrations
APPROVED

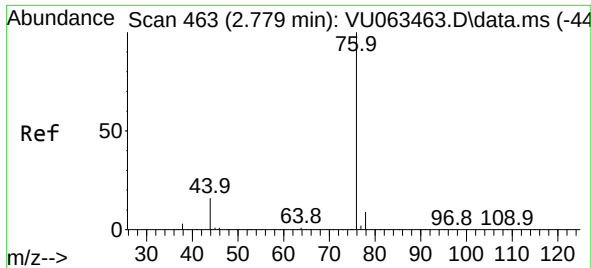
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#16
Acetone
Concen: 13.166 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

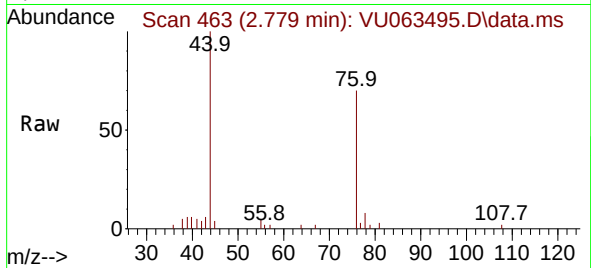
Tgt Ion: 43 Resp: 14072
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 2.964 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

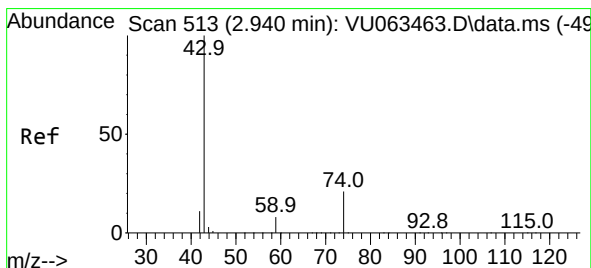
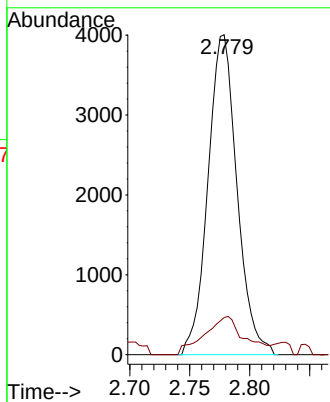
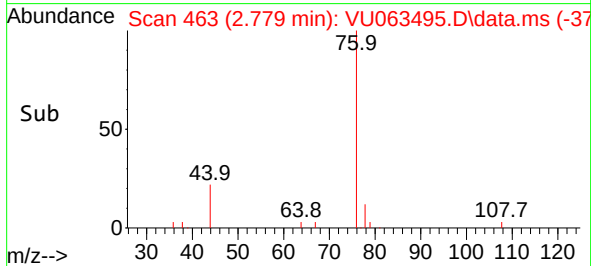
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 76 Resp: 675
Ion Ratio Lower Upper
76 100
78 11.6 7.5 11.3

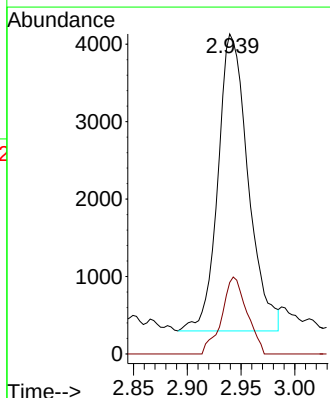
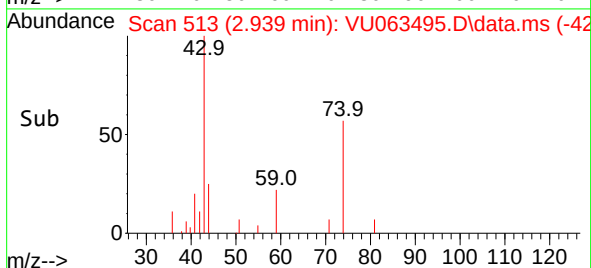
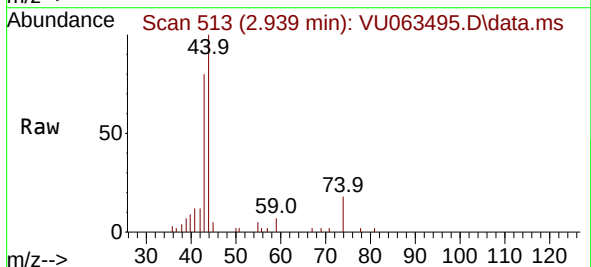
Manual Integrations
APPROVED

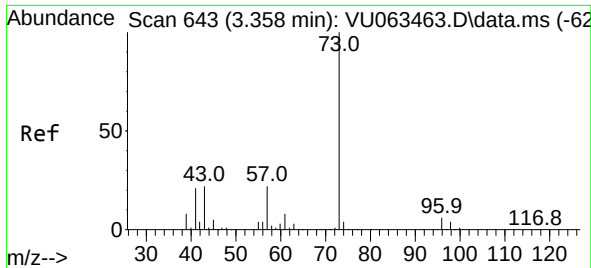
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#18
Methyl Acetate
Concen: 2.724 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 43 Resp: 7492
Ion Ratio Lower Upper
43 100
74 21.5 17.3 25.9





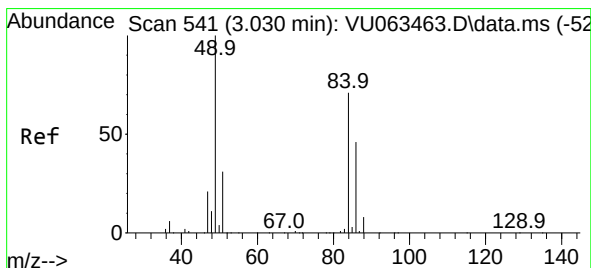
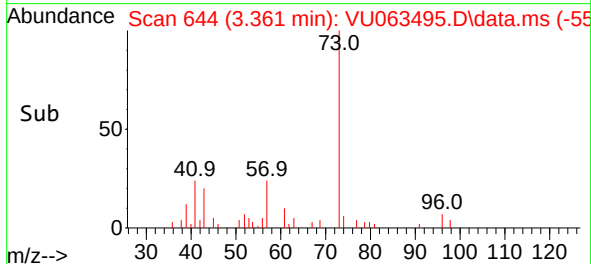
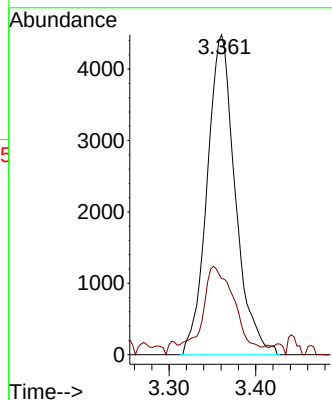
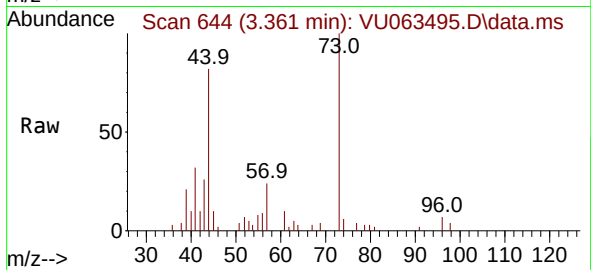
#19
Methyl tert-butyl Ether
Concen: 2.464 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 10120
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.6

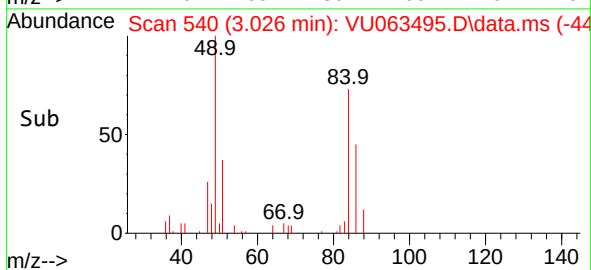
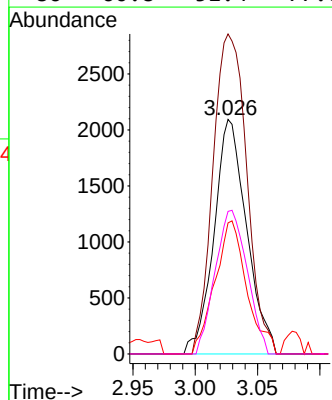
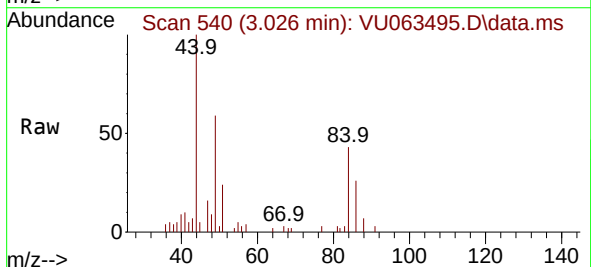
Manual Integrations
APPROVED

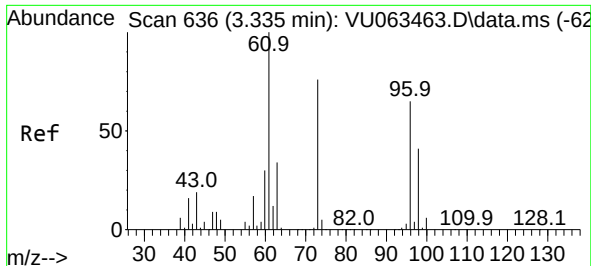
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#20
Methylene Chloride
Concen: 2.446 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

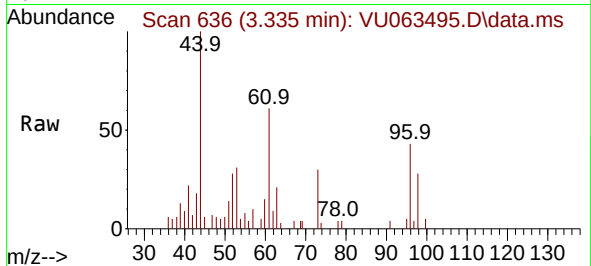
Tgt Ion: 84 Resp: 3812
Ion Ratio Lower Upper
84 100
49 136.4 112.1 168.1
51 55.9 34.4 51.6#
86 60.8 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 3.018 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

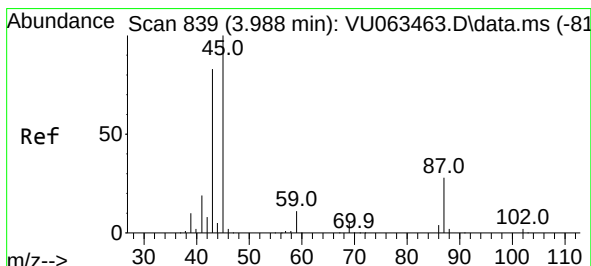
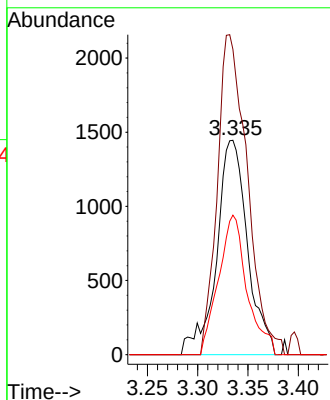
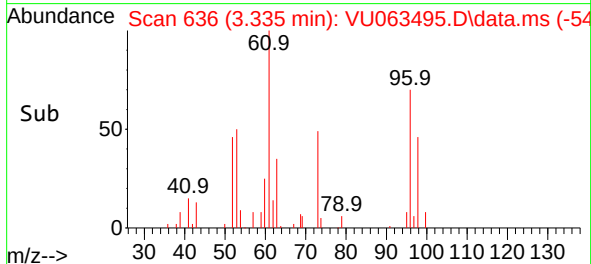
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 96 Resp: 3089
Ion Ratio Lower Upper
96 100
61 142.4 122.2 183.4
98 65.1 49.9 74.9

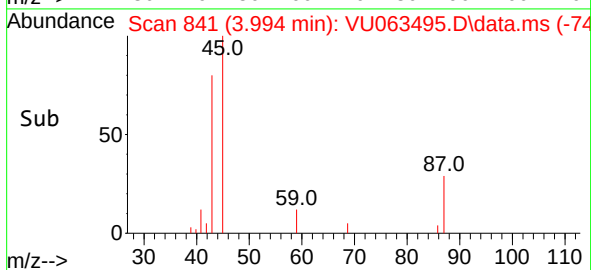
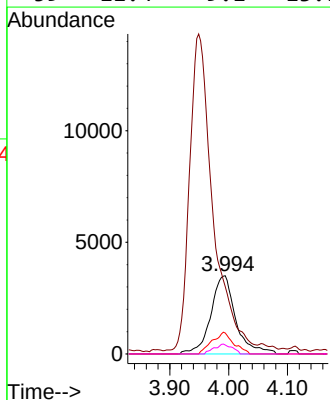
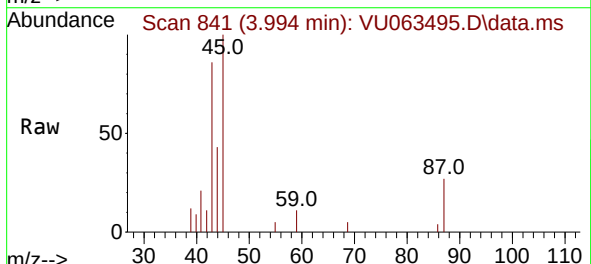
Manual Integrations
APPROVED

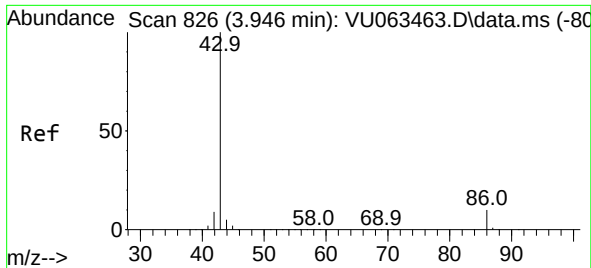
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#22
Diisopropyl ether
Concen: 2.675 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 45 Resp: 10329
Ion Ratio Lower Upper
45 100
43 79.8 66.5 99.7
87 26.8 22.6 33.8
59 11.4 9.1 13.7





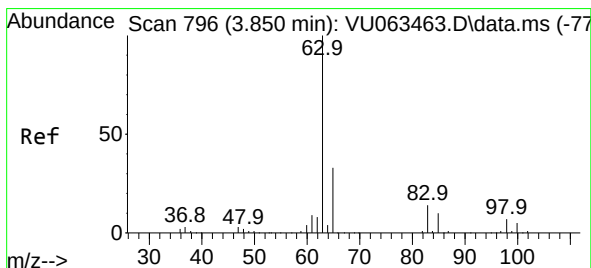
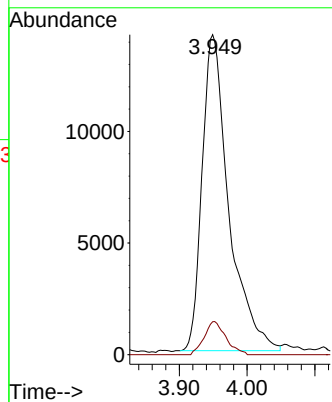
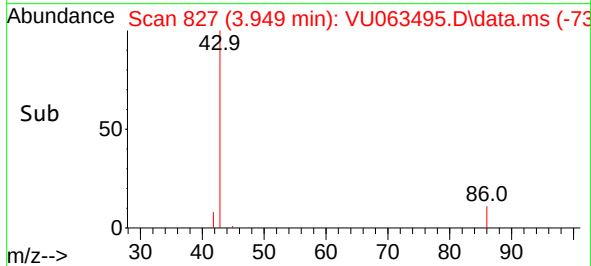
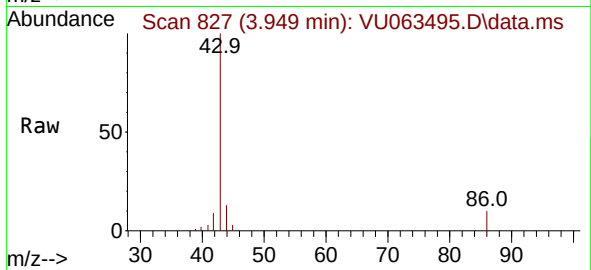
#23
 Vinyl Acetate
 Concen: 12.935 ug/l
 RT: 3.949 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion: 43 Resp: 3875
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2

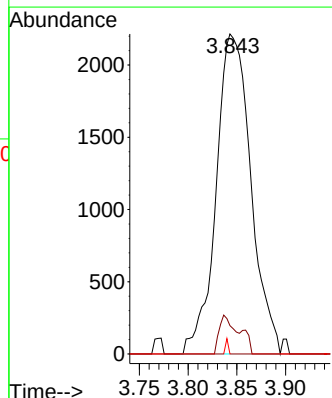
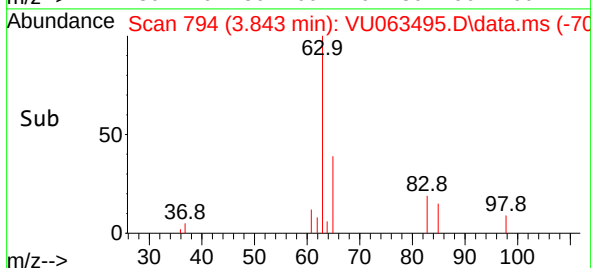
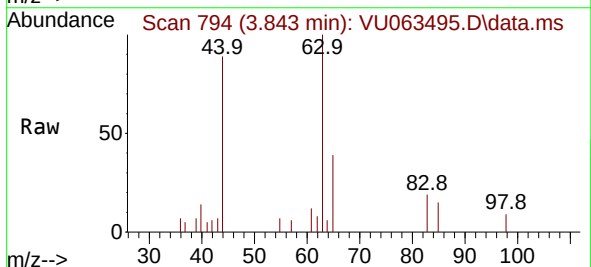
Manual Integrations
 APPROVED

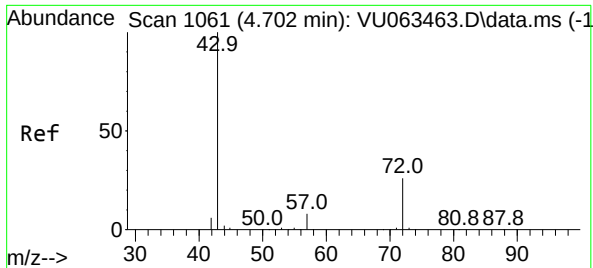
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#24
 1,1-Dichloroethane
 Concen: 2.508 ug/l
 RT: 3.843 min Scan# 794
 Delta R.T. -0.007 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Tgt Ion: 63 Resp: 5496
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.6 10.9
 100 0.0 2.3 6.8#





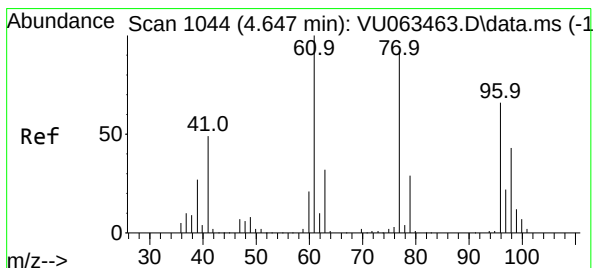
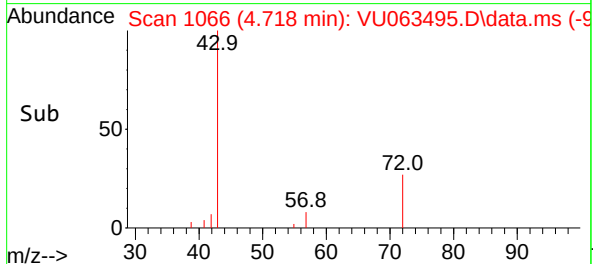
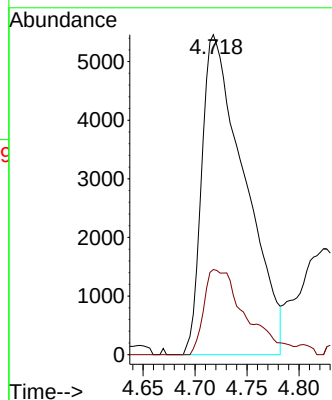
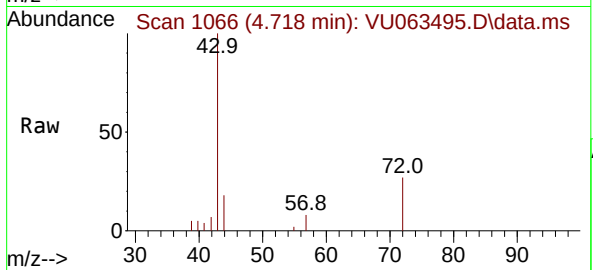
#25
2-Butanone
Concen: 13.002 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.016 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
72 26.6 20.7 31.1

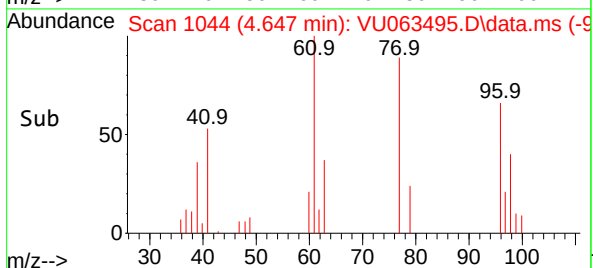
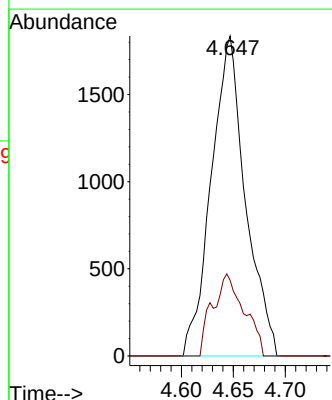
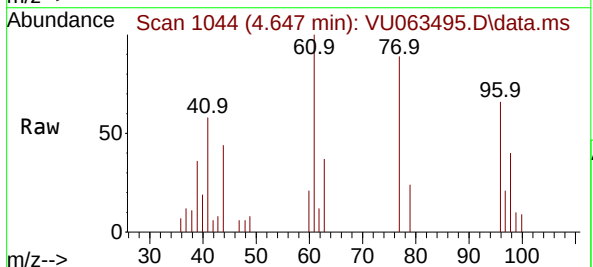
Manual Integrations
APPROVED

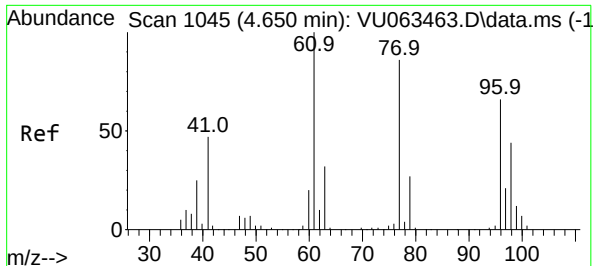
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#26
2,2-Dichloropropane
Concen: 2.204 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 77 Resp: 4202
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 2.647 ug/l

RT: 4.656 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

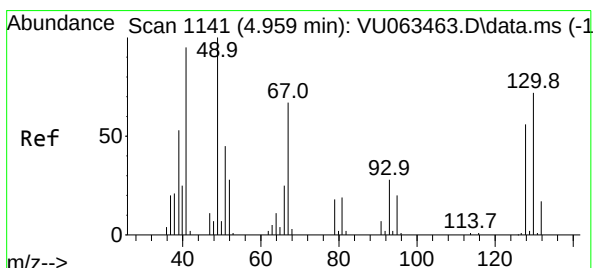
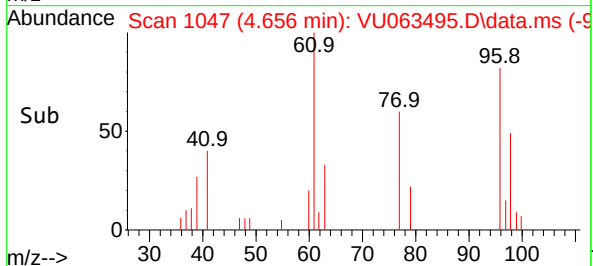
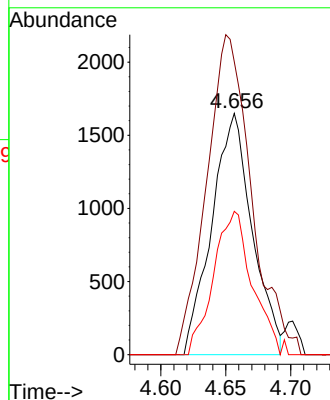
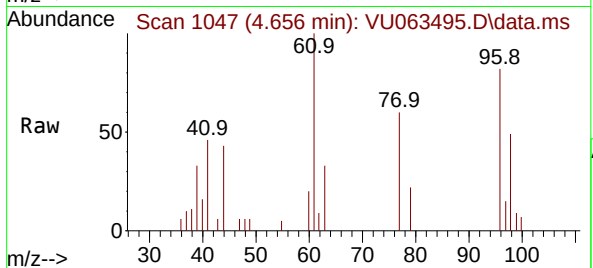
MDL05

Tgt Ion: 96	Resp: 357
Ion Ratio	Lower Upper
96 100	
61 146.2	0.0 307.2
98 57.1	0.0 133.0

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 3.042 ug/l

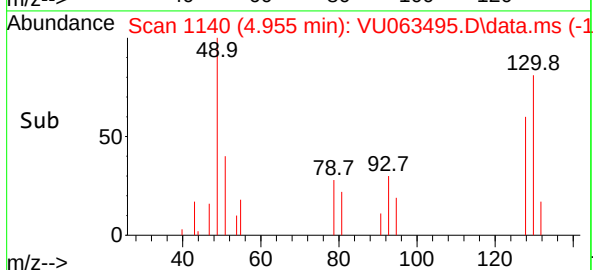
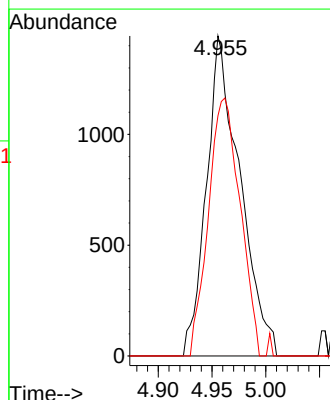
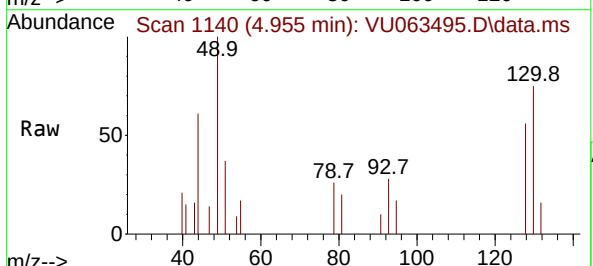
RT: 4.955 min Scan# 1140

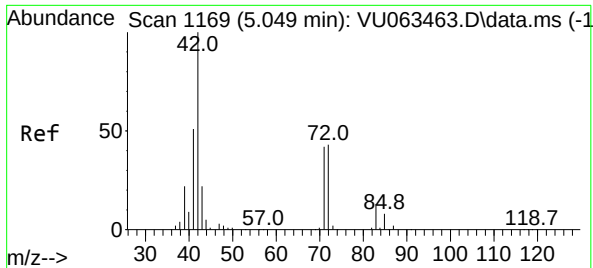
Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Tgt Ion: 49	Resp: 3132
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 76.0	59.0 88.4





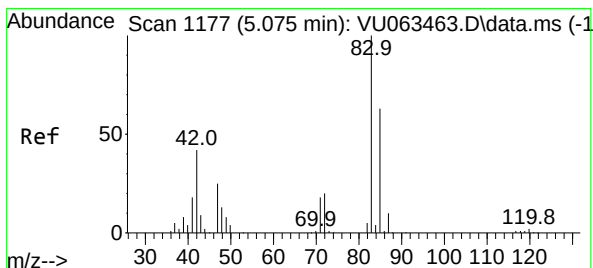
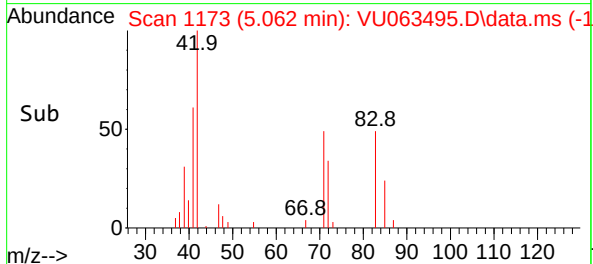
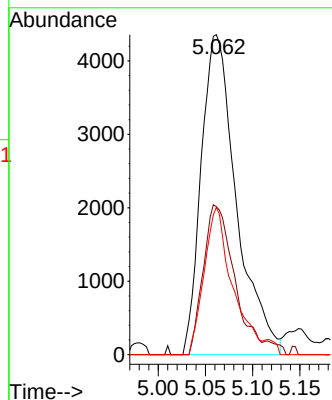
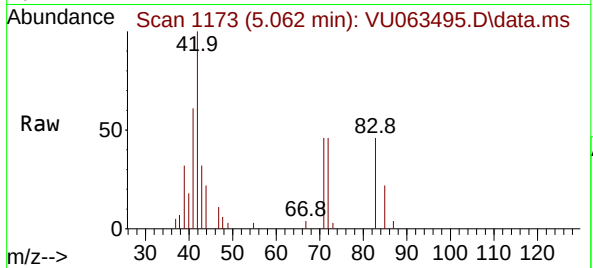
#29
Tetrahydrofuran
Concen: 14.951 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 42 Resp: 11310
Ion Ratio Lower Upper
42 100
72 42.6 36.2 54.4
71 36.9 33.3 49.9

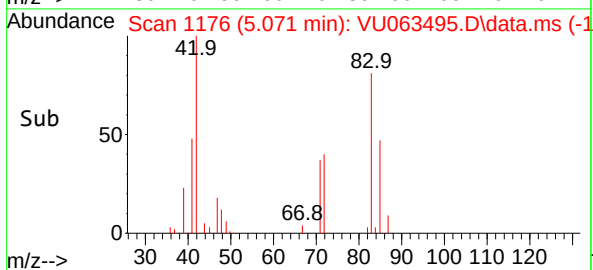
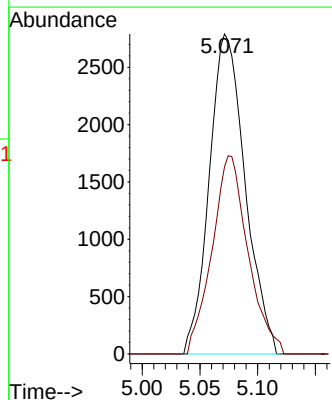
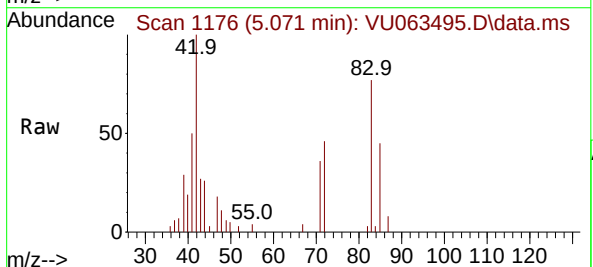
Manual Integrations
APPROVED

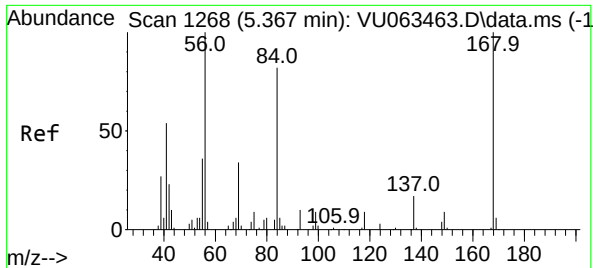
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#30
Chloroform
Concen: 2.609 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

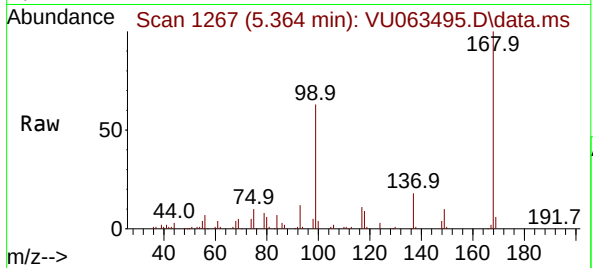
Tgt Ion: 83 Resp: 6037
Ion Ratio Lower Upper
83 100
85 58.5 50.7 76.1





#31
Cyclohexane
Concen: 4.018 ug/l
RT: 5.364 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

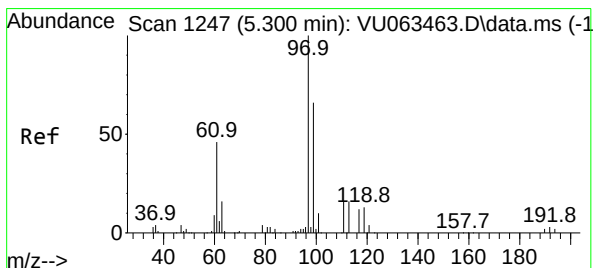
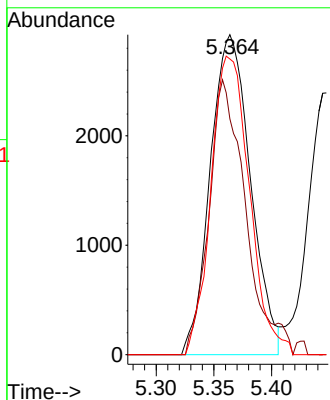
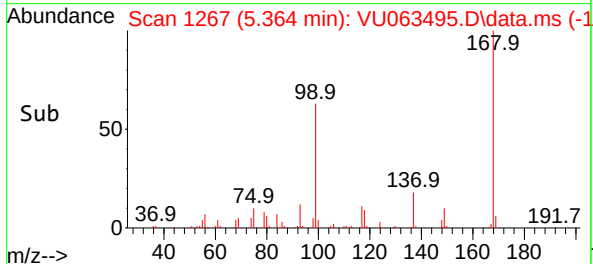
Instrument : MSVOA_U
ClientSampleId : MDL05



Tgt Ion: 56 Resp: 7079
Ion Ratio Lower Upper
56 100
69 73.7 27.0 40.4
84 92.4 65.7 98.5

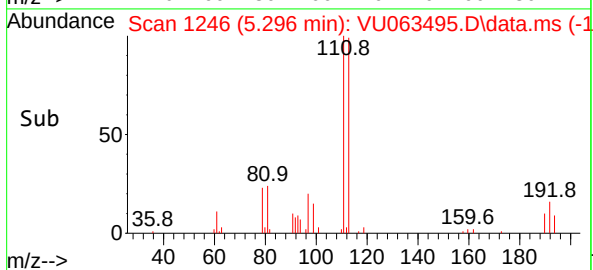
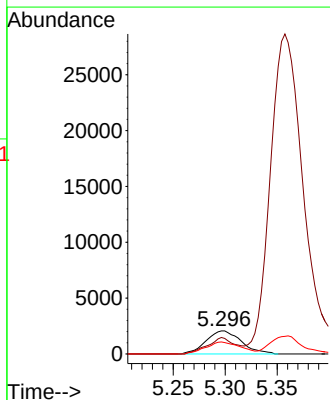
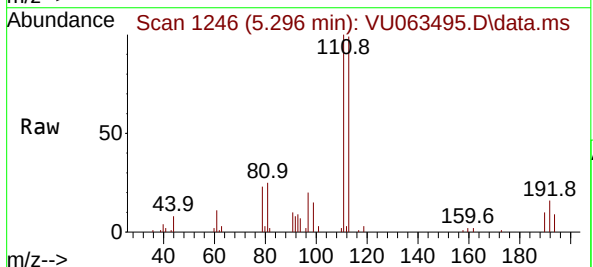
Manual Integrations
APPROVED

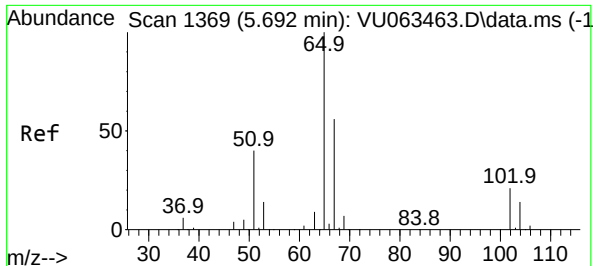
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#32
1,1,1-Trichloroethane
Concen: 2.478 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 97 Resp: 4882
Ion Ratio Lower Upper
97 100
99 57.0 50.4 75.6
61 50.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.281 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 65 Resp: 71709

Ion Ratio Lower Upper

65 100

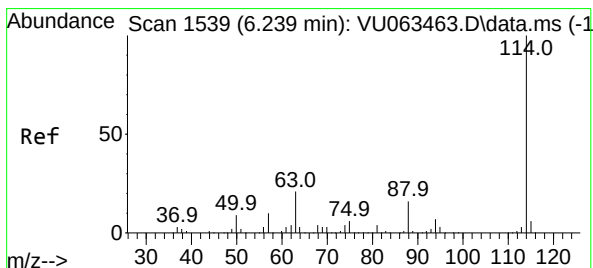
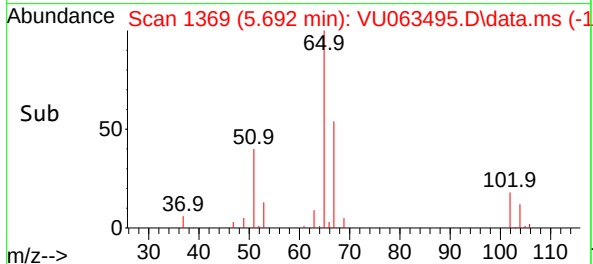
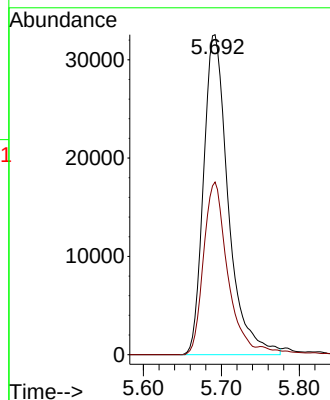
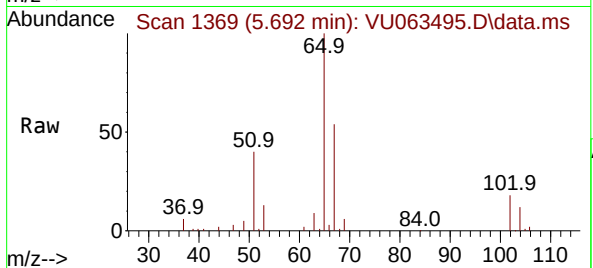
67 51.7 0.0 107.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

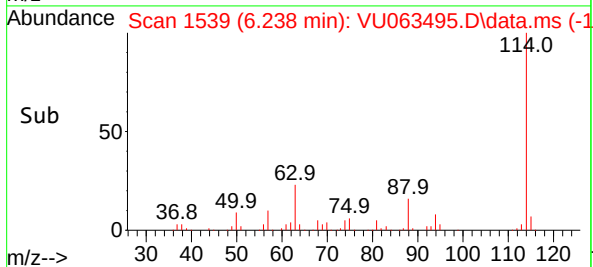
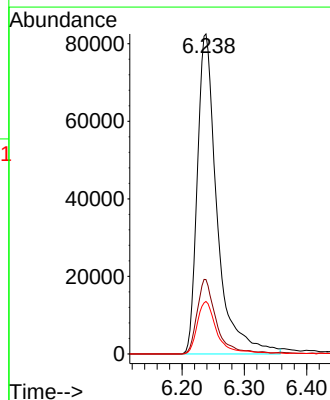
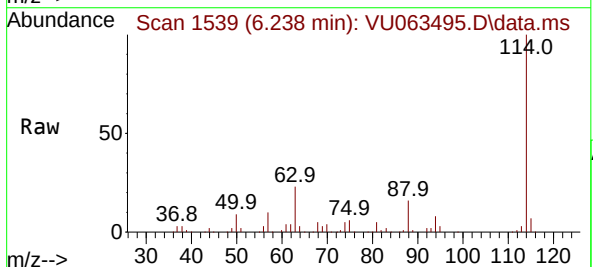
Tgt Ion:114 Resp: 182043

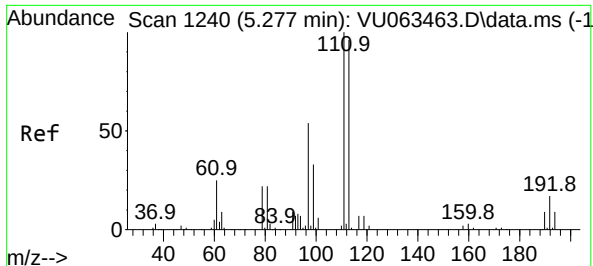
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.6

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.315 ug/l

RT: 5.274 min Scan# 1113

Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

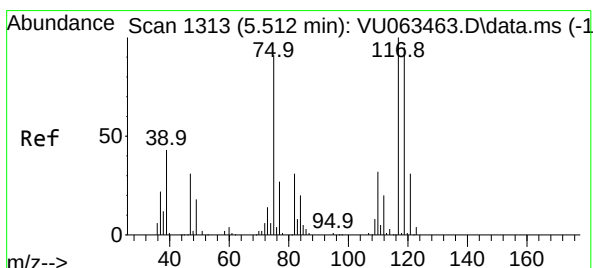
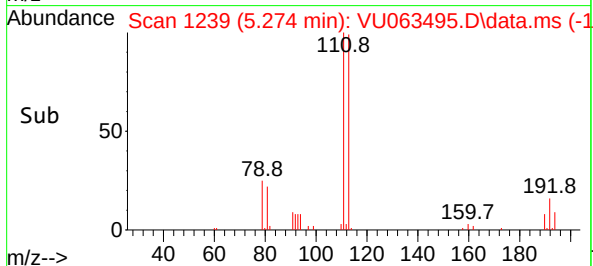
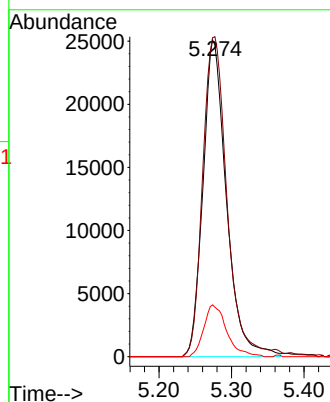
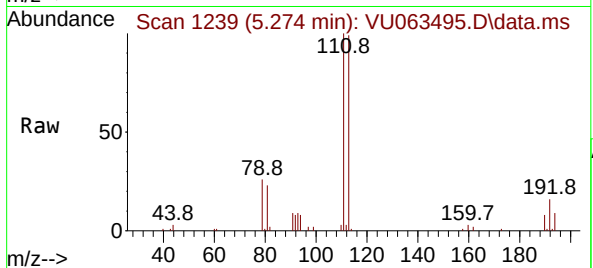
Tgt Ion: 113 Resp: 56309

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	16.0	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: 2.750 ug/l

RT: 5.515 min Scan# 1314

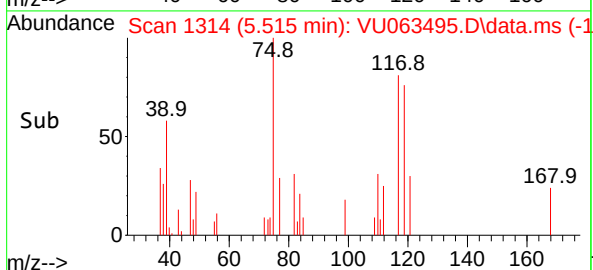
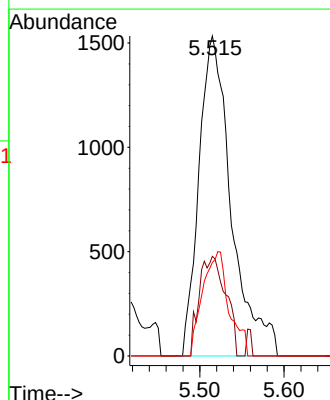
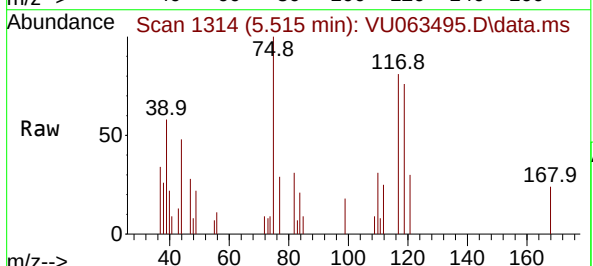
Delta R.T. 0.003 min

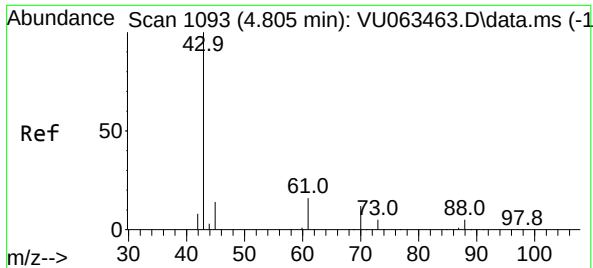
Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Tgt Ion: 75 Resp: 4101

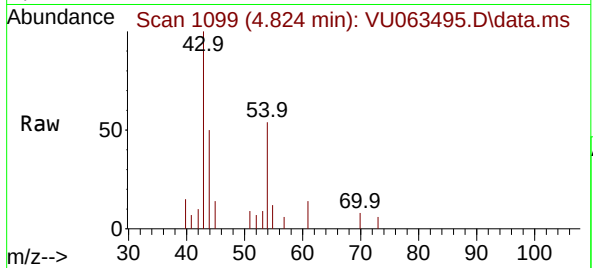
Ion	Ratio	Lower	Upper
75	100		
110	25.4	17.3	52.0
77	26.5	23.9	35.9





#37
Ethyl Acetate
Concen: 3.167 ug/l m
RT: 4.824 min Scan# 1099
Delta R.T. 0.019 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

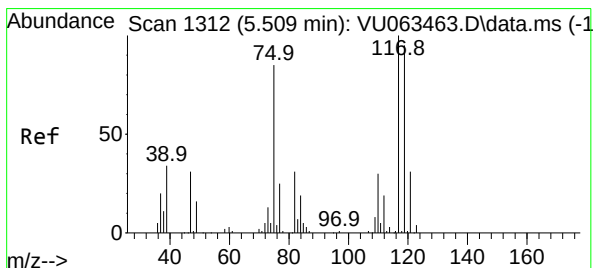
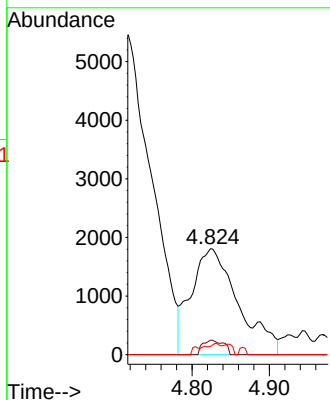
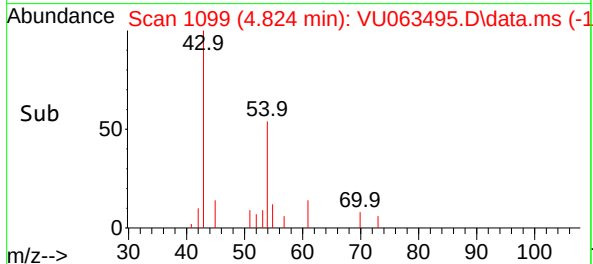
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 7648
Ion Ratio Lower Upper
43 100
61 6.1 10.4 15.6
70 1.7 7.8 11.8

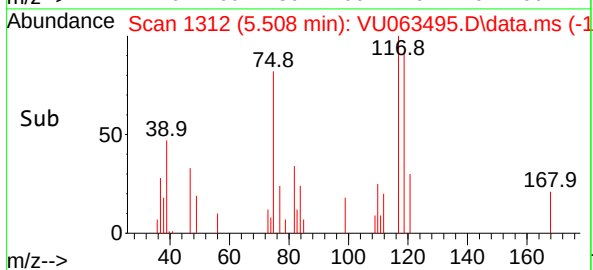
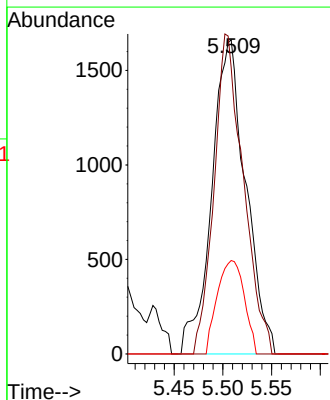
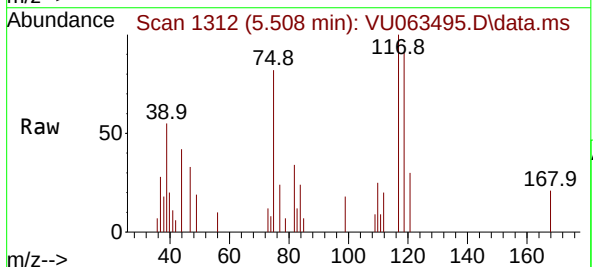
Manual Integrations
APPROVED

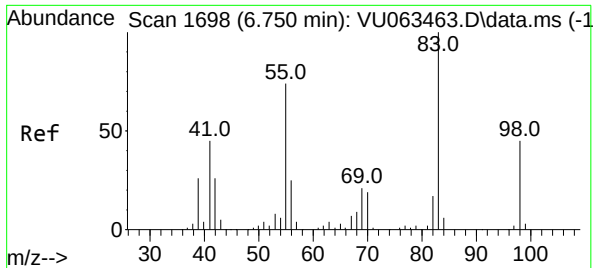
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#38
Carbon Tetrachloride
Concen: 2.452 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:117 Resp: 4028
Ion Ratio Lower Upper
117 100
119 91.3 76.1 114.1
121 29.7 25.0 37.4





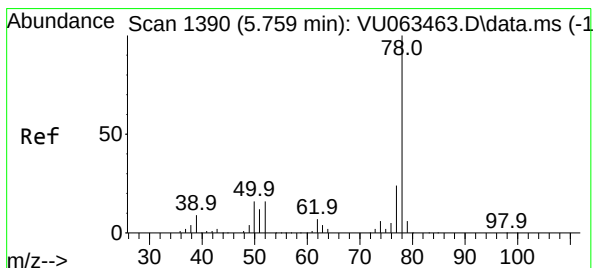
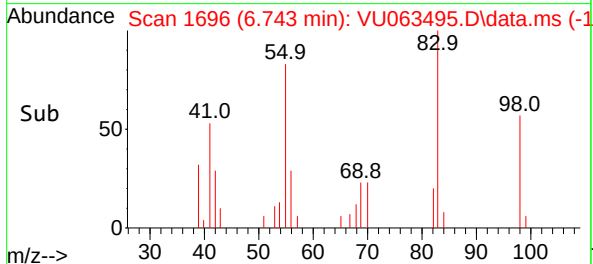
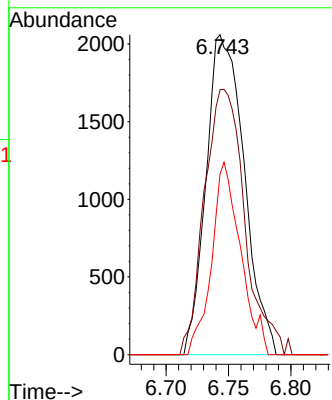
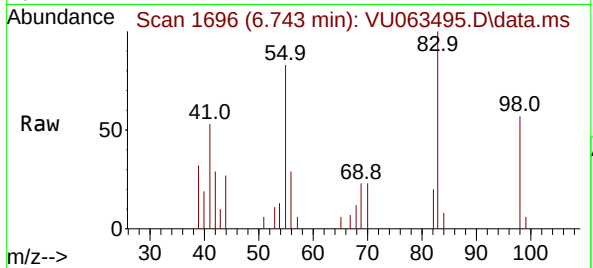
#39
Methylcyclohexane
Concen: 2.432 ug/l
RT: 6.743 min Scan# 1696
Delta R.T. -0.007 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 438
Ion Ratio Lower Upper
83 100
55 82.8 59.4 89.2
98 56.5 36.2 54.4

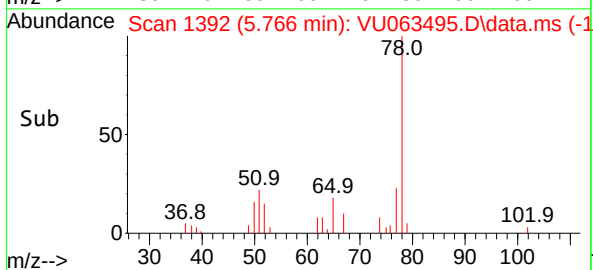
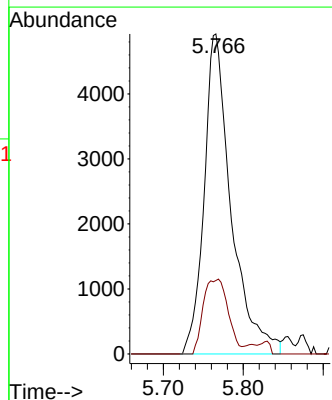
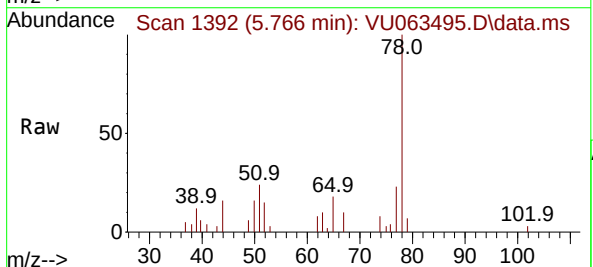
Manual Integrations
APPROVED

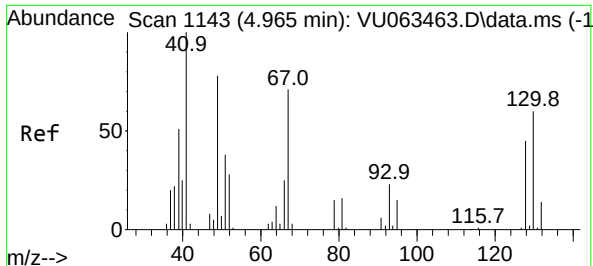
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#40
Benzene
Concen: 2.484 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

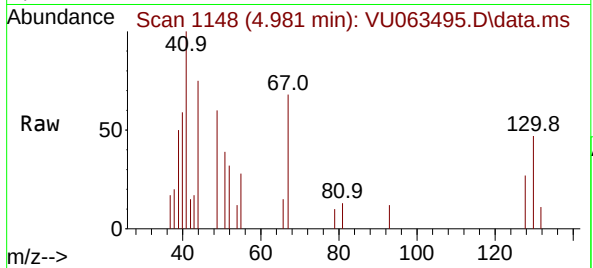
Tgt Ion: 78 Resp: 11569
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 2.962 ug/l m
RT: 4.981 min Scan# 1401
Delta R.T. 0.016 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

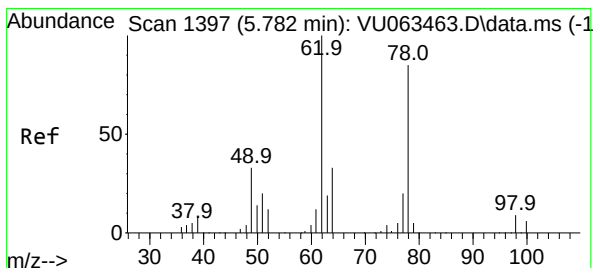
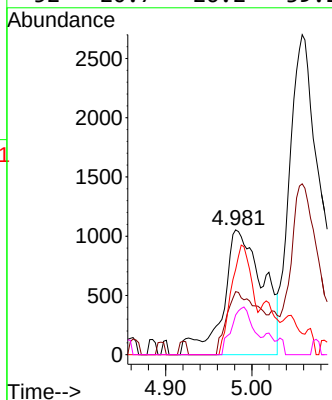
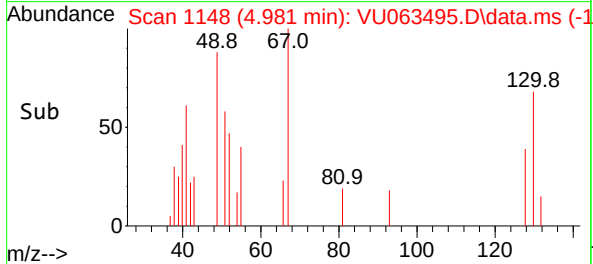
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 41 Resp: 3379
Ion Ratio Lower Upper
41 100
39 40.3 43.6 65.4
67 46.4 62.8 94.2
52 20.7 26.2 39.2

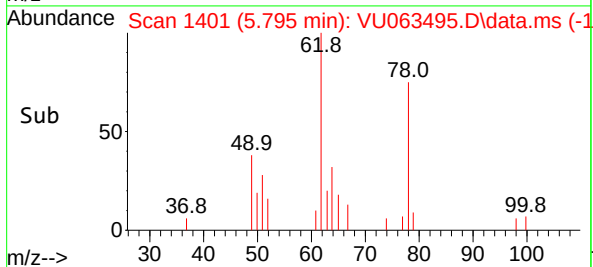
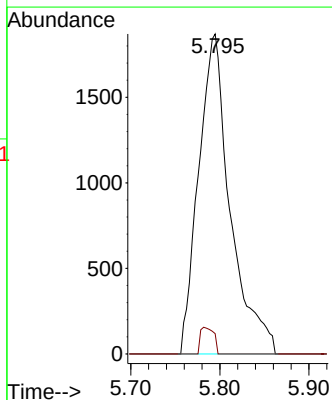
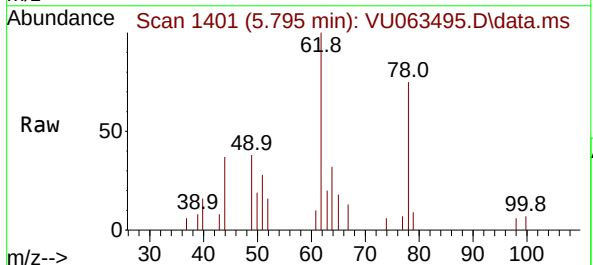
Manual Integrations
APPROVED

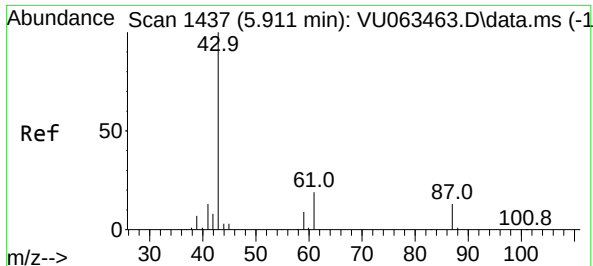
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#42
1,2-Dichloroethane
Concen: 2.632 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

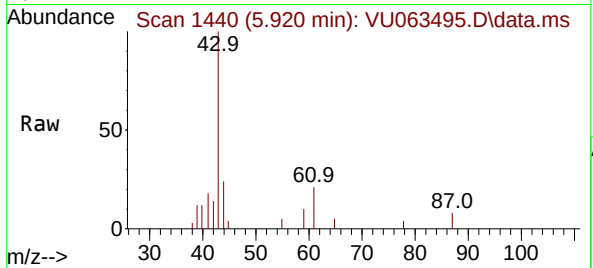
Tgt Ion: 62 Resp: 4609
Ion Ratio Lower Upper
62 100
98 3.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 2.509 ug/l
RT: 5.920 min Scan# 1440
Delta R.T. 0.009 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

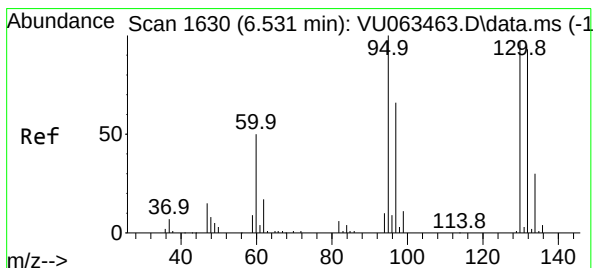
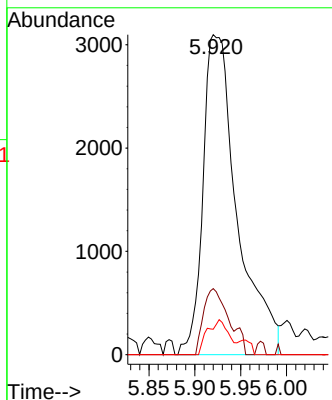
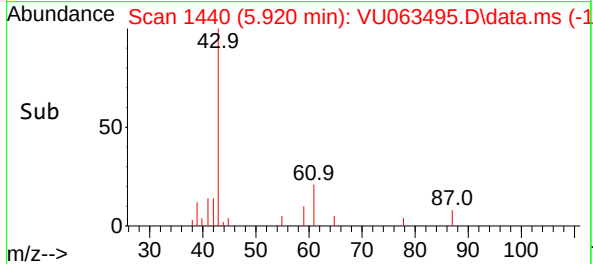
Instrument :
MSVOA_U
ClientSampleId :
MDL05



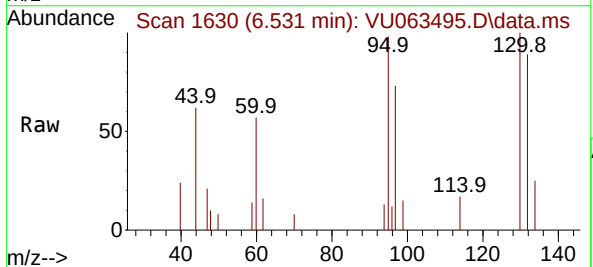
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
61 15.3 15.4 23.2
87 6.9 10.5 15.7

Manual Integrations
APPROVED

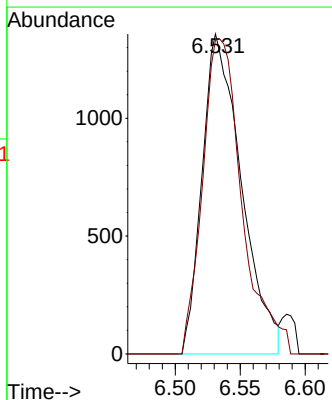
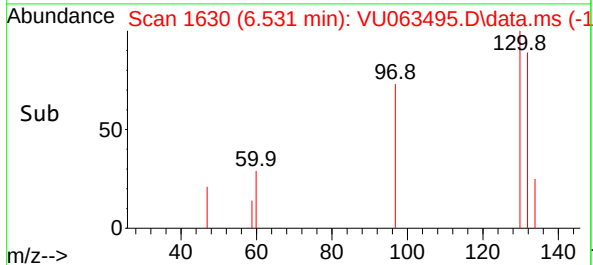
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

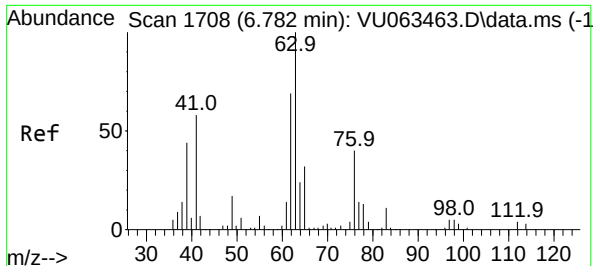


#44
Trichloroethene
Concen: 2.289 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18



Tgt Ion:130 Resp: 2853
Ion Ratio Lower Upper
130 100
95 98.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.300 ug/l

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 297

Ion Ratio Lower Upper

63 100

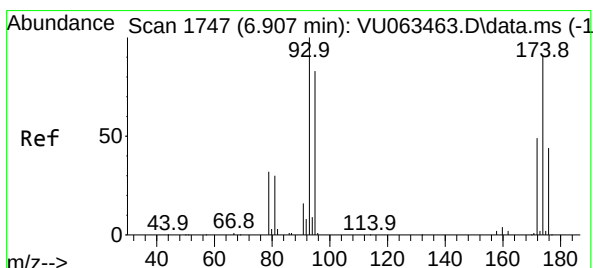
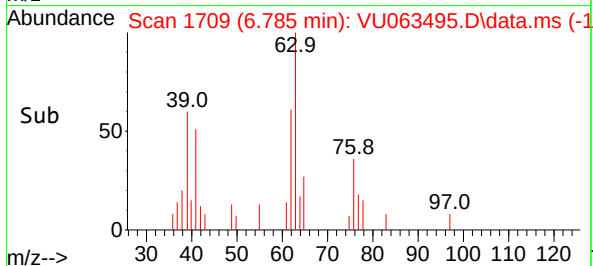
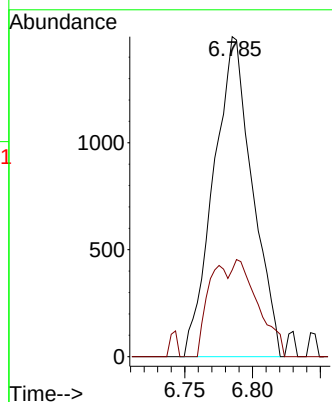
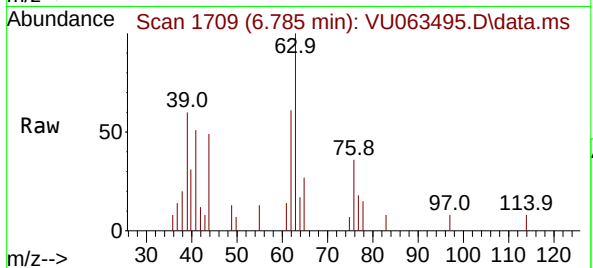
65 27.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#46

Dibromomethane

Concen: 2.530 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

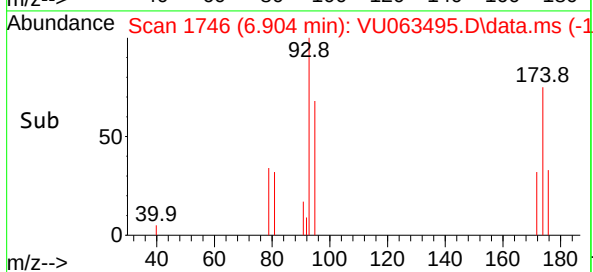
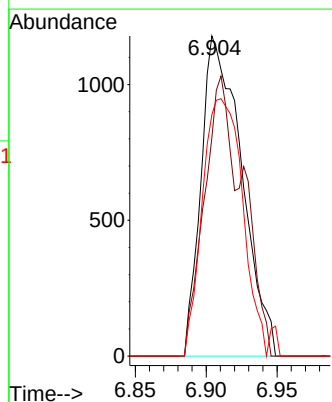
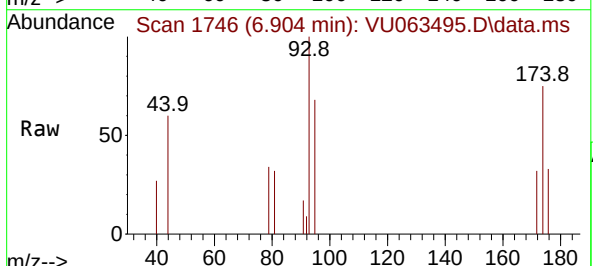
Tgt Ion: 93 Resp: 2330

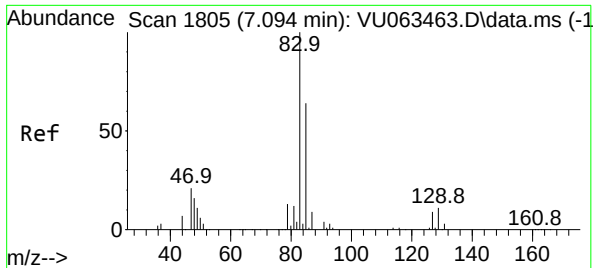
Ion Ratio Lower Upper

93 100

95 63.9 67.5 101.3#

174 80.0 73.1 109.7





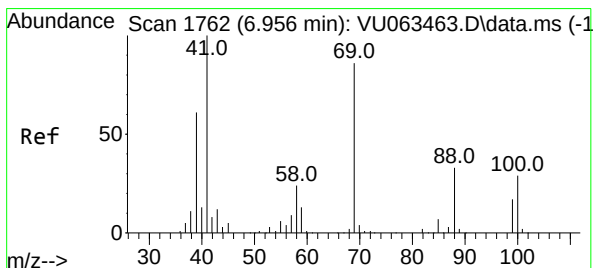
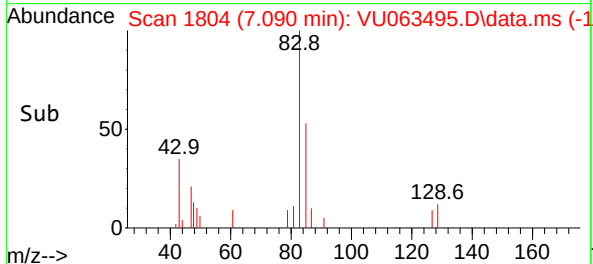
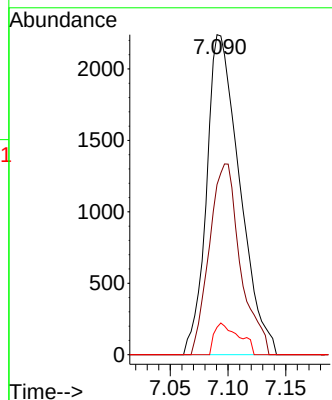
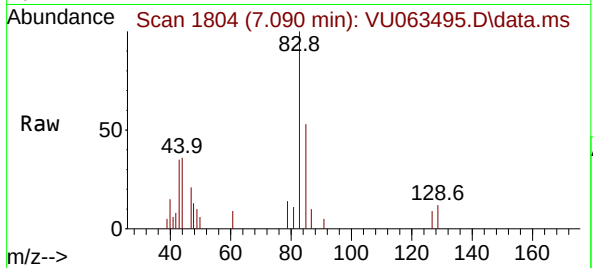
#47
Bromodichloromethane
Concen: 2.329 ug/l
RT: 7.090 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 83 Resp: 446
Ion Ratio Lower Upper
83 100
85 53.2 51.4 77.0
127 8.6 7.0 10.4

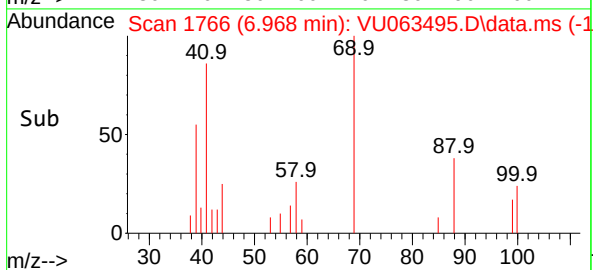
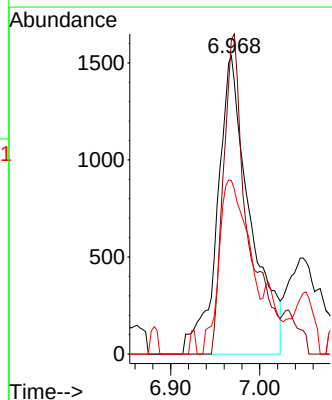
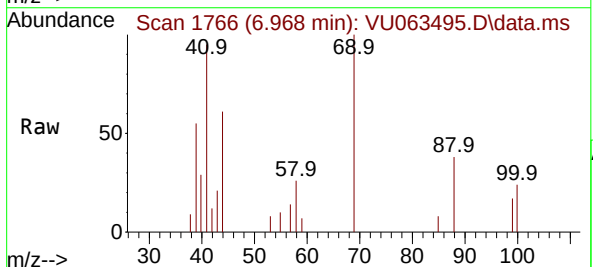
Manual Integrations
APPROVED

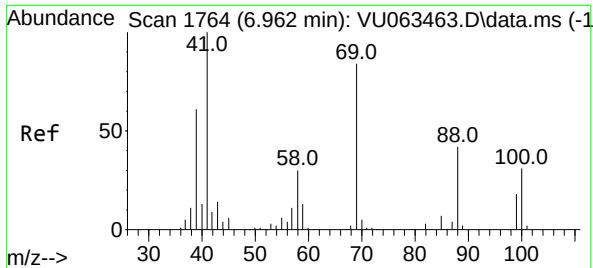
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#48
Methyl methacrylate
Concen: 2.640 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

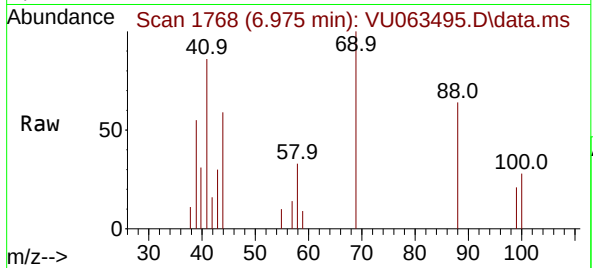
Tgt Ion: 41 Resp: 3913
Ion Ratio Lower Upper
41 100
69 79.4 69.8 104.8
39 53.3 48.3 72.5





#49
1,4-Dioxane
Concen: 56.348 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

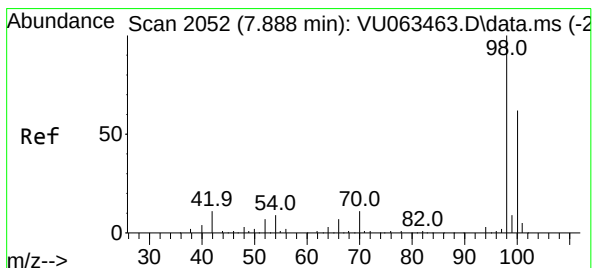
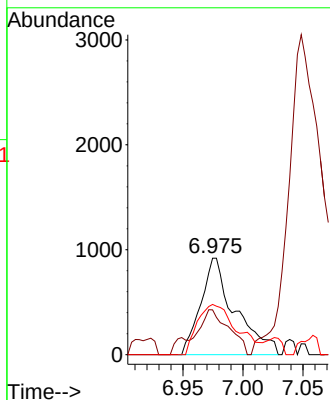
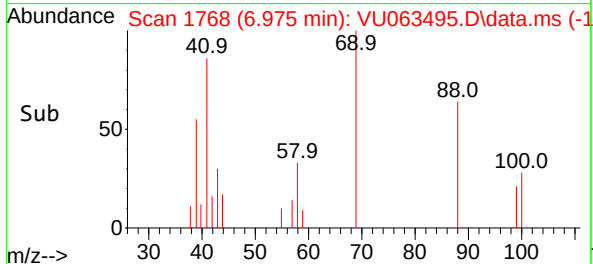
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 88 Resp: 183
Ion Ratio Lower Upper
88 100
43 39.7 25.6 38.4
58 60.2 55.0 82.6

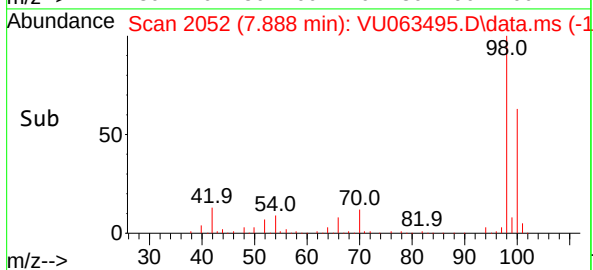
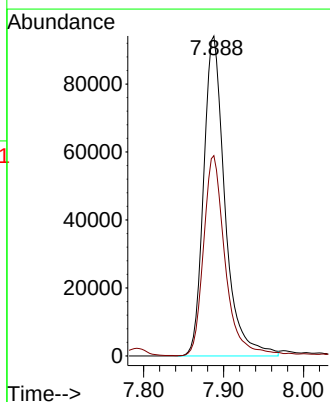
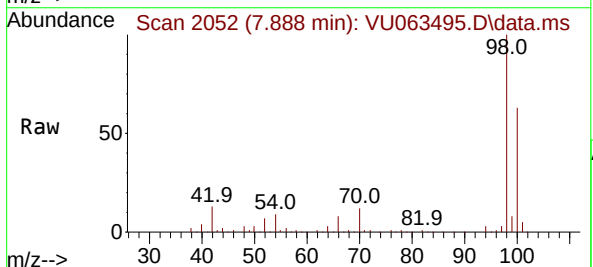
Manual Integrations
APPROVED

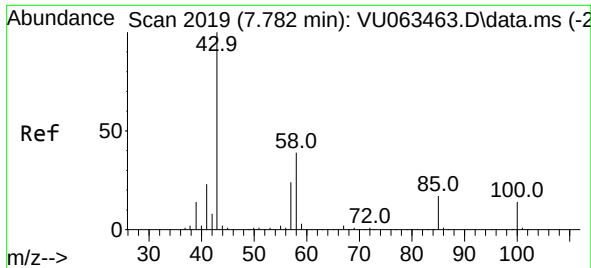
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#50
Toluene-d8
Concen: 48.904 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 98 Resp: 174926
Ion Ratio Lower Upper
98 100
100 63.2 48.1 72.1





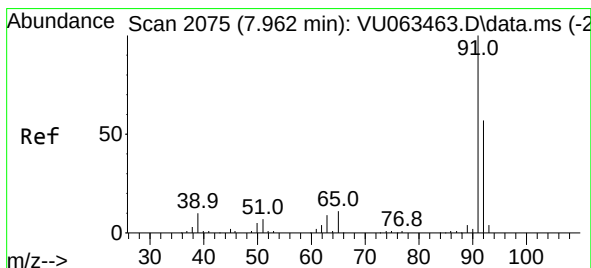
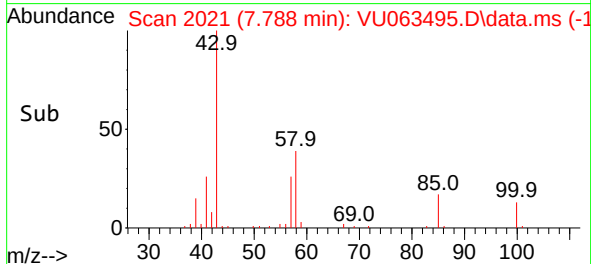
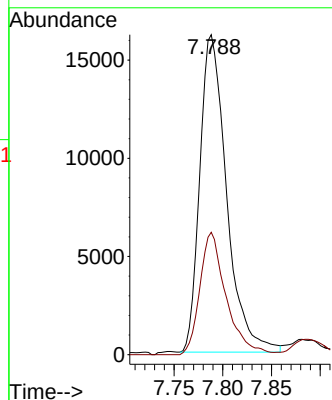
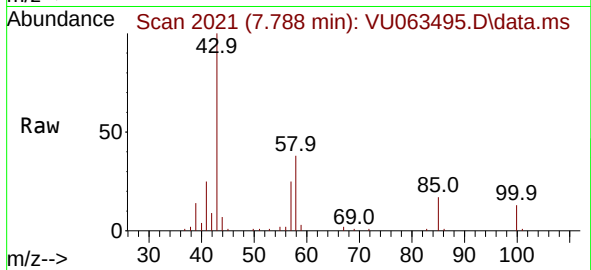
#51
4-Methyl-2-Pentanone
Concen: 13.329 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 30944
Ion Ratio Lower Upper
43 100
58 37.6 31.0 46.4

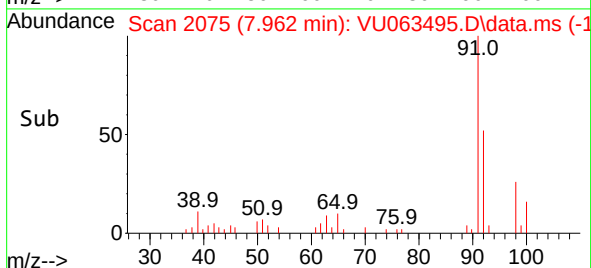
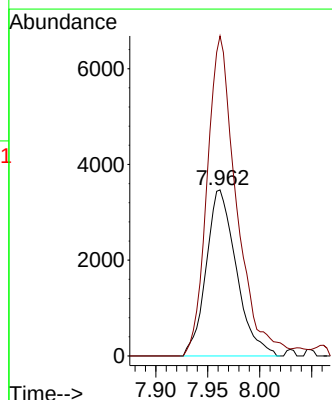
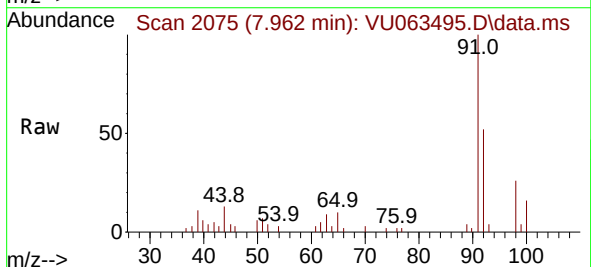
Manual Integrations
APPROVED

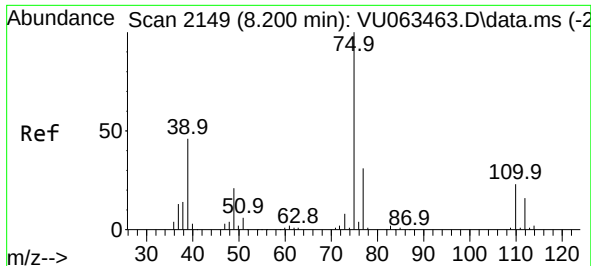
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#52
Toluene
Concen: 2.297 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

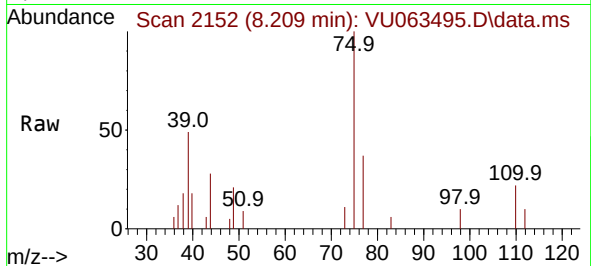
Tgt Ion: 92 Resp: 6996
Ion Ratio Lower Upper
92 100
91 188.0 144.5 216.7





#53
t-1,3-Dichloropropene
Concen: 2.011 ug/l
RT: 8.209 min Scan# 2149
Delta R.T. 0.009 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

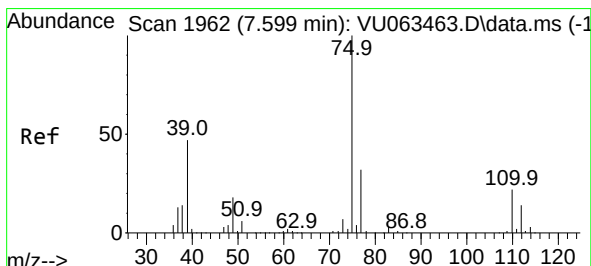
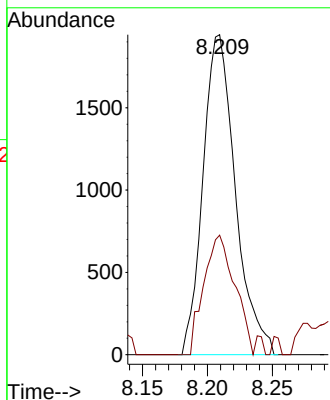
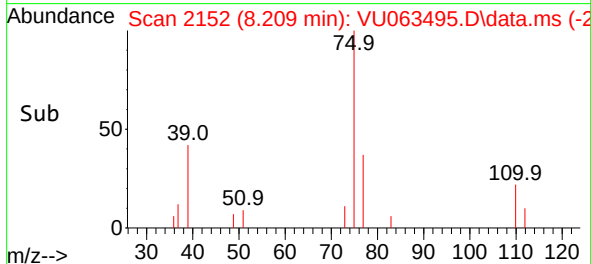
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 3370
Ion Ratio Lower Upper
75 100
77 37.3 25.0 37.6

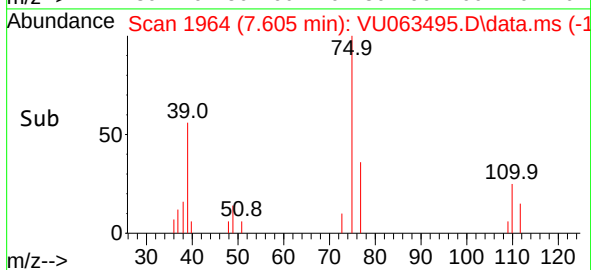
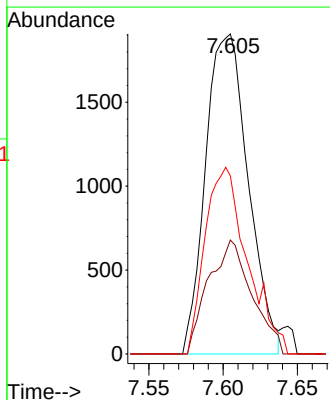
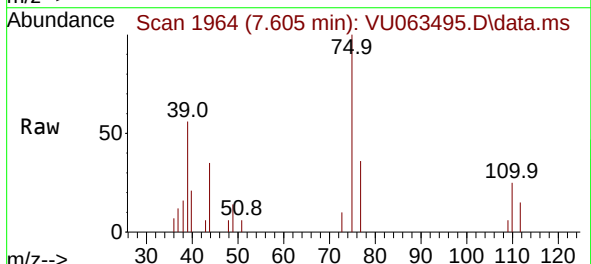
Manual Integrations
APPROVED

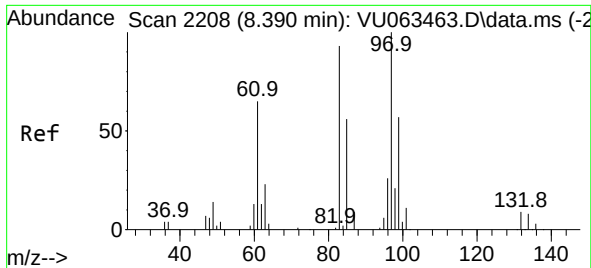
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#54
cis-1,3-Dichloropropene
Concen: 2.034 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

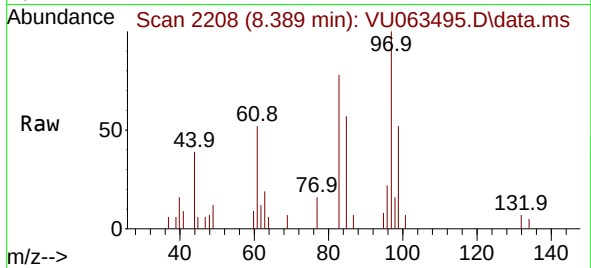
Tgt Ion: 75 Resp: 3815
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.0
39 49.0 37.2 55.8





#55
1,1,2-Trichloroethane
Concen: 2.486 ug/l
RT: 8.389 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

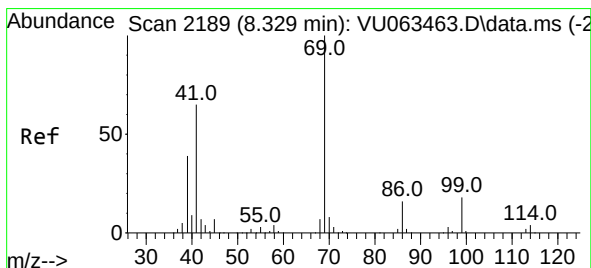
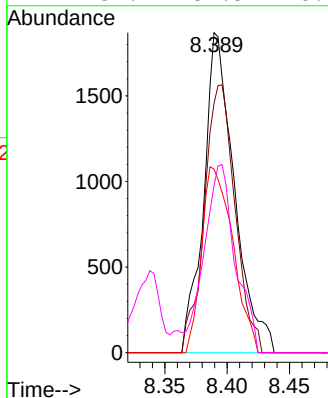
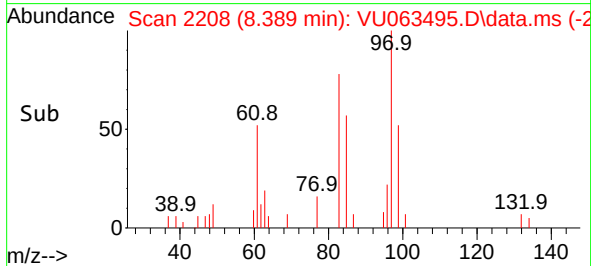
Instrument : MSVOA_U
ClientSampleId : MDL05



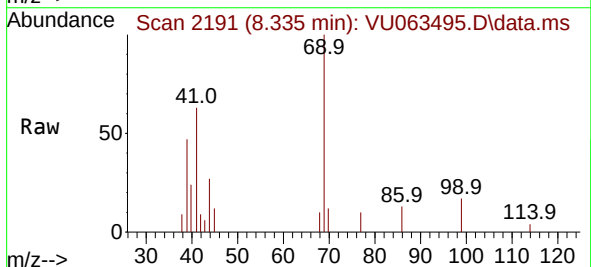
Tgt Ion: 97 Resp: 3210
Ion Ratio Lower Upper
97 100
83 78.0 74.2 111.4
85 57.4 45.8 68.8
99 52.2 52.5 78.7#

Manual Integrations
APPROVED

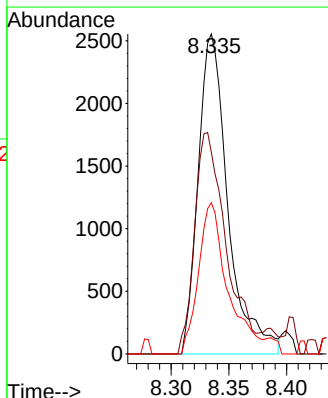
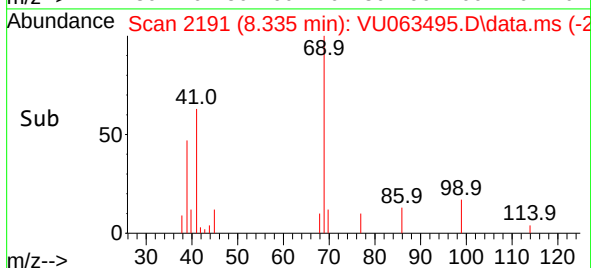
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

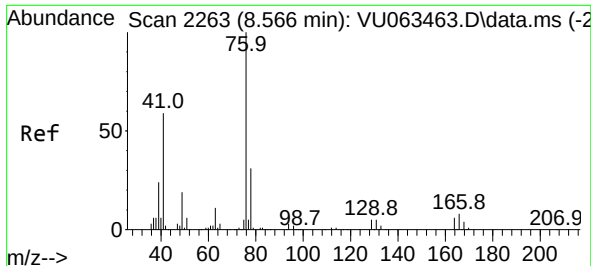


#56
Ethyl methacrylate
Concen: 2.193 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18



Tgt Ion: 69 Resp: 4575
Ion Ratio Lower Upper
69 100
41 73.0 53.0 79.6
39 46.5 31.0 46.4#





#57

1,3-Dichloropropane

Concen: 2.185 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063495.D

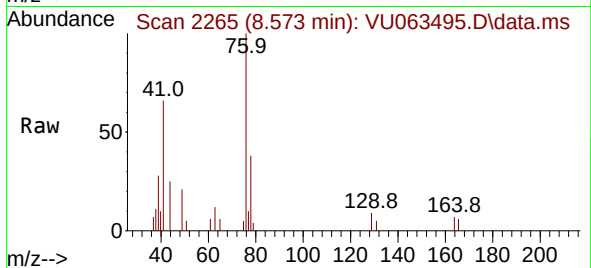
Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05



Tgt Ion: 76 Resp: 4658

Ion Ratio Lower Upper

76 100

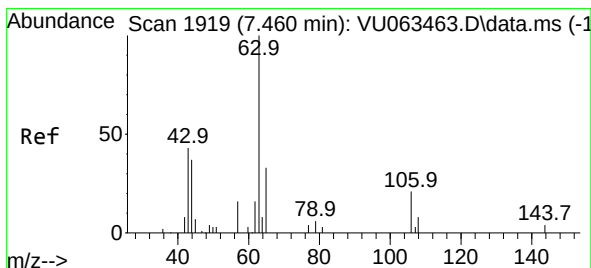
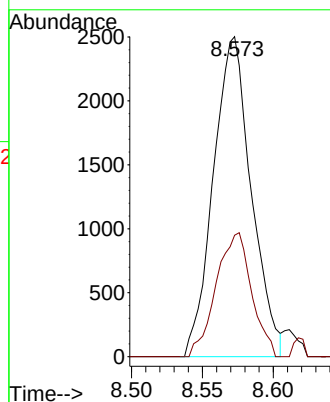
78 36.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 6.277 ug/l m

RT: 7.479 min Scan# 1925

Delta R.T. 0.019 min

Lab File: VU063495.D

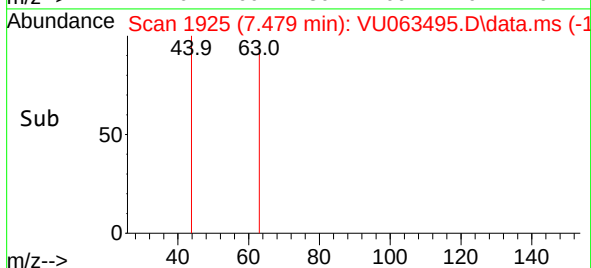
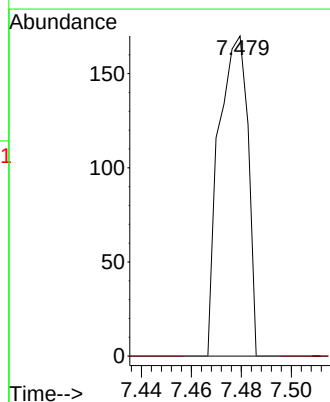
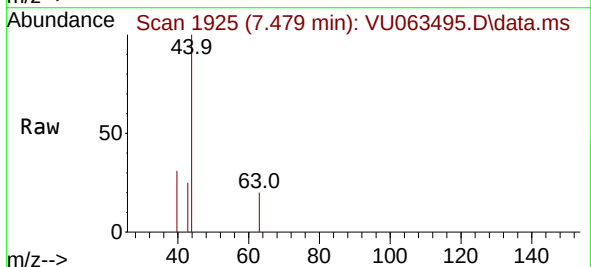
Acq: 11 Jul 2025 16:18

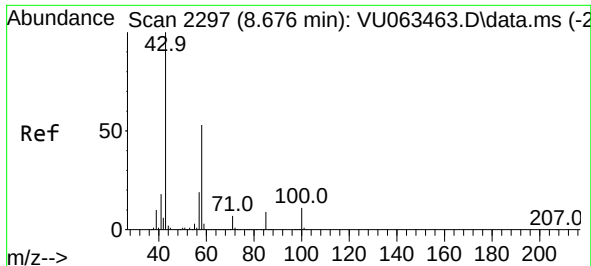
Tgt Ion: 63 Resp: 136

Ion Ratio Lower Upper

63 100

106 0.0 11.5 17.3#





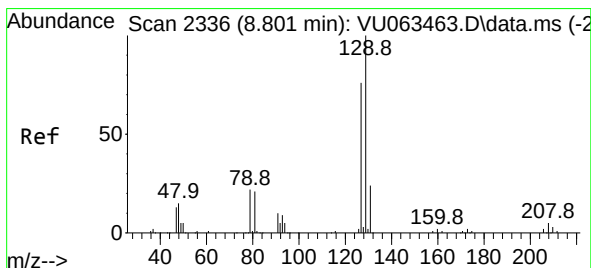
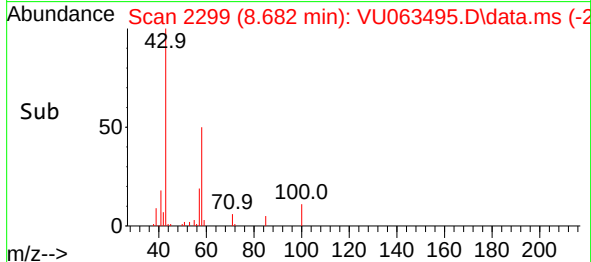
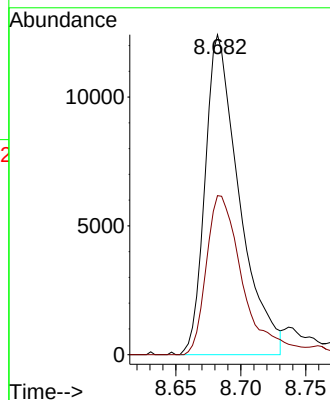
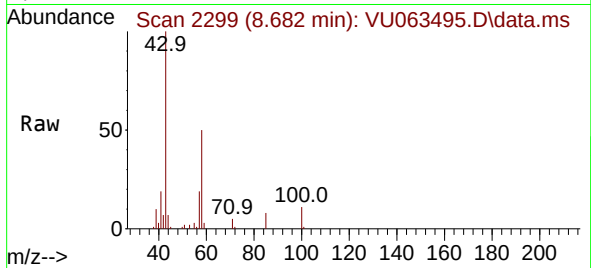
#59
2-Hexanone
Concen: 12.941 ug/l
RT: 8.682 min Scan# 2272
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
58 52.8 26.9 80.7

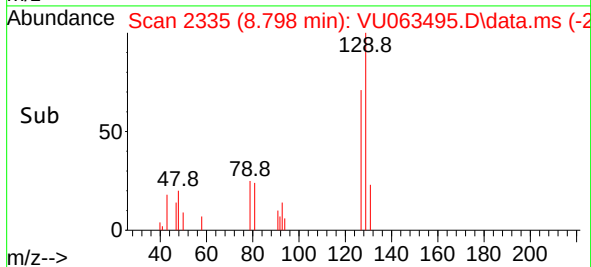
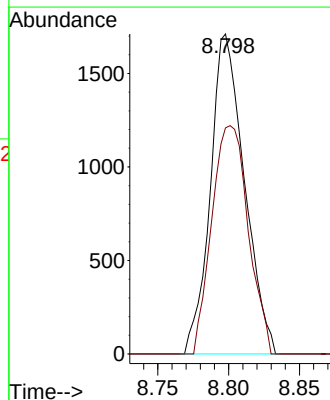
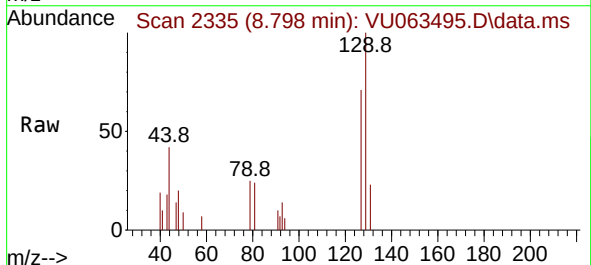
Manual Integrations
APPROVED

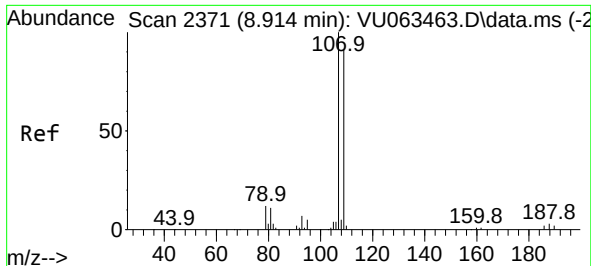
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#60
Dibromochloromethane
Concen: 1.972 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

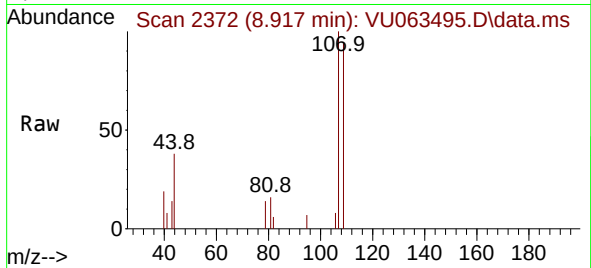
Tgt Ion:129 Resp: 2857
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





#61
1,2-Dibromoethane
Concen: 2.327 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

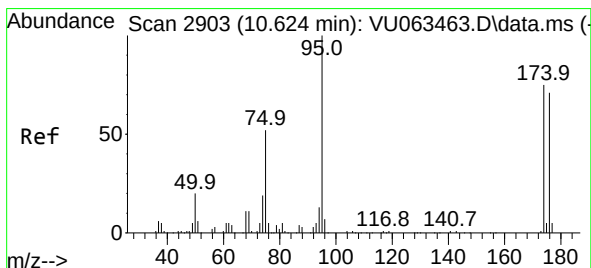
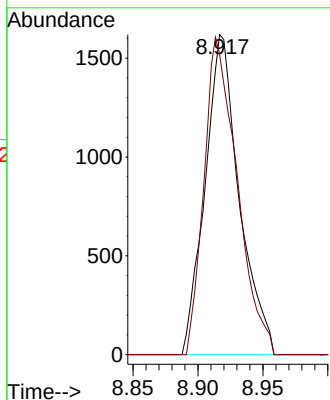
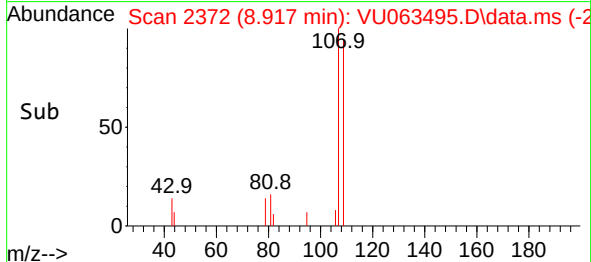
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:107 Resp: 2954
Ion Ratio Lower Upper
107 100
109 96.6 73.7 110.5

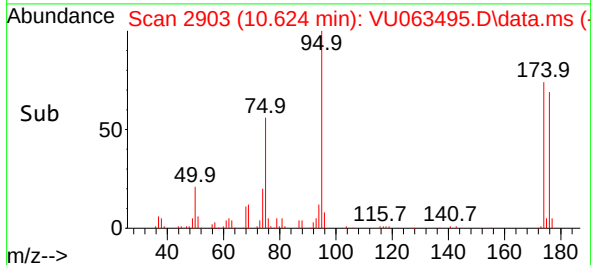
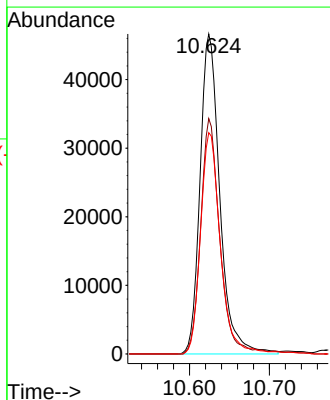
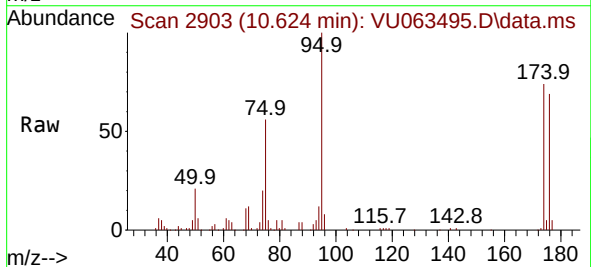
Manual Integrations
APPROVED

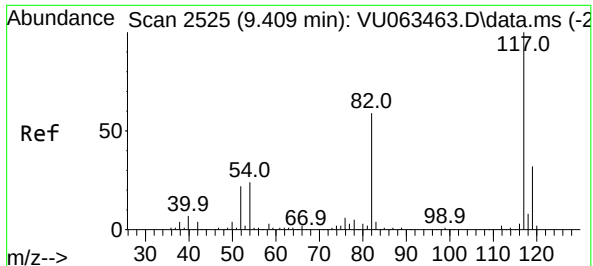
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

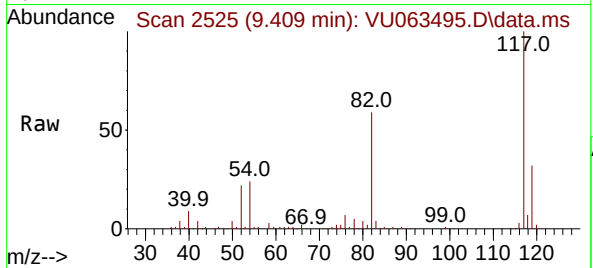
Tgt Ion: 95 Resp: 80380
Ion Ratio Lower Upper
95 100
174 70.8 0.0 153.6
176 69.9 0.0 145.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

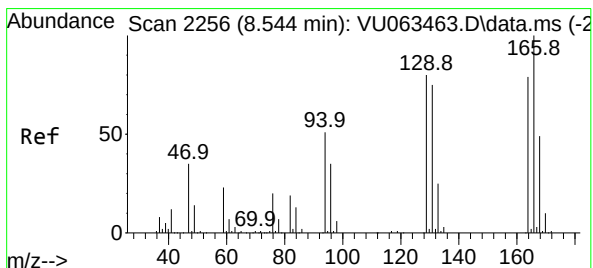
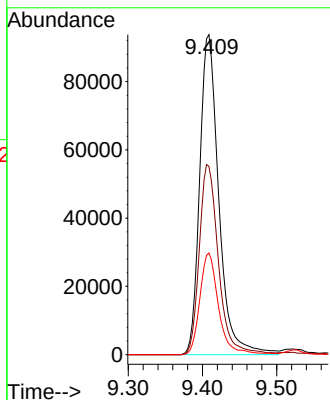
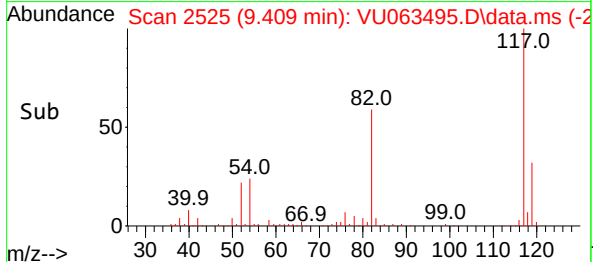
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:117 Resp: 167879
Ion Ratio Lower Upper
117 100
82 58.8 47.1 70.7
119 31.8 25.4 38.0

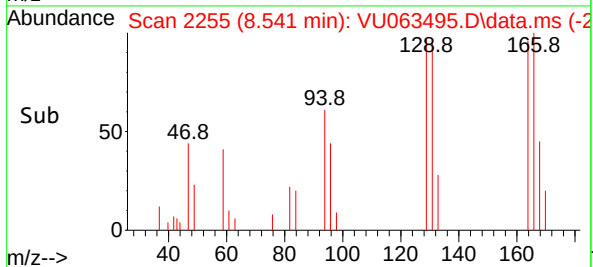
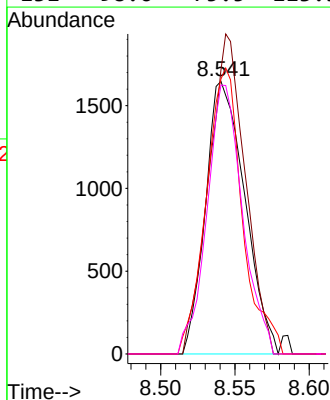
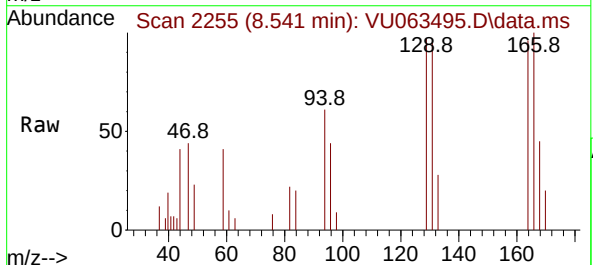
Manual Integrations
APPROVED

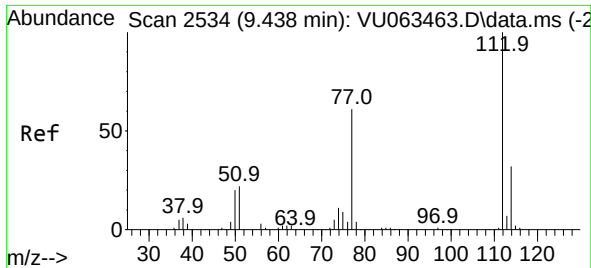
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#64
Tetrachloroethene
Concen: 2.423 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

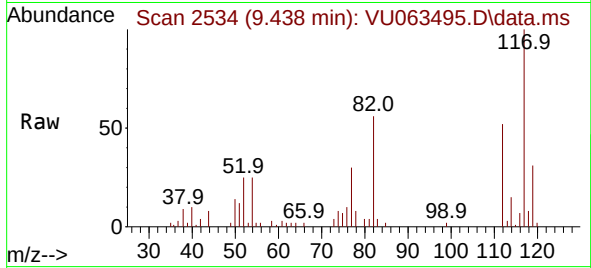
Tgt Ion:164 Resp: 3028
Ion Ratio Lower Upper
164 100
166 104.1 100.9 151.3
129 100.8 80.9 121.3
131 98.6 75.5 113.3





#65
Chlorobenzene
Concen: 2.554 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

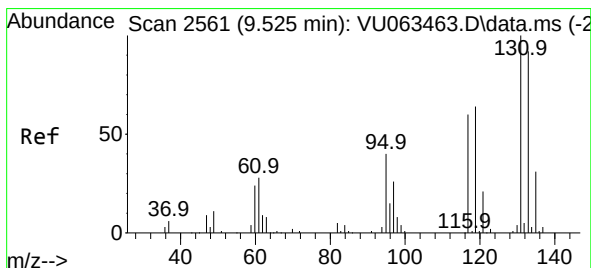
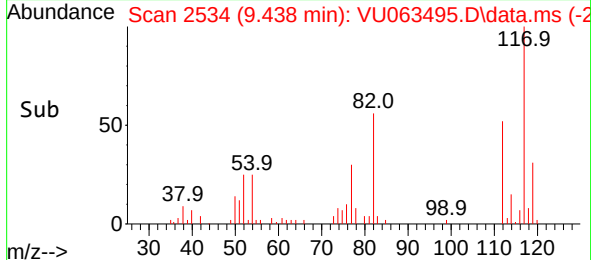
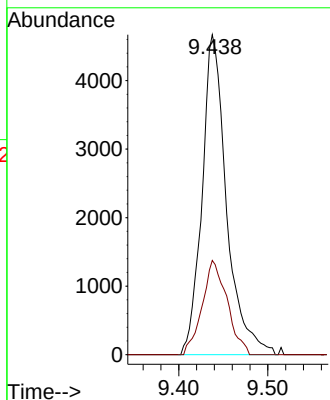
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:112 Resp: 892
Ion Ratio Lower Upper
112 100
114 29.4 25.5 38.3

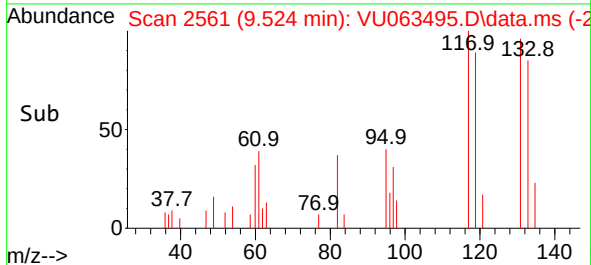
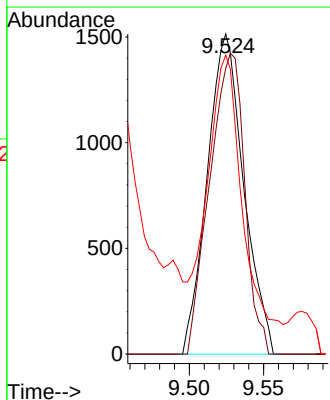
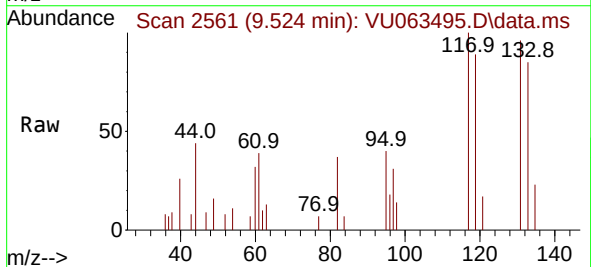
Manual Integrations
APPROVED

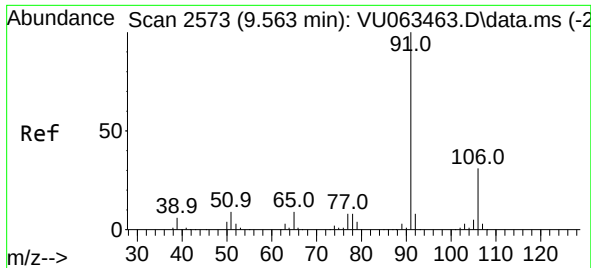
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.159 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:131 Resp: 2586
Ion Ratio Lower Upper
131 100
133 89.8 46.4 139.2
119 77.9 33.3 99.9





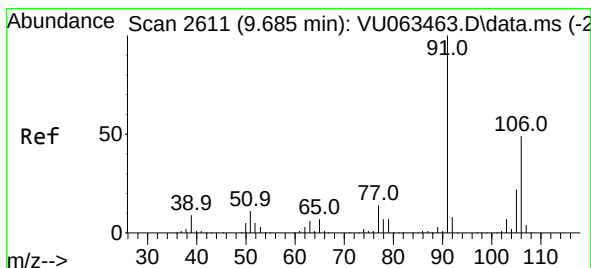
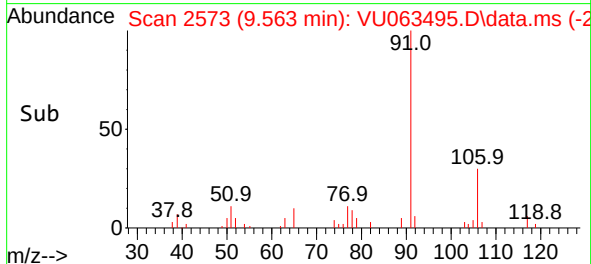
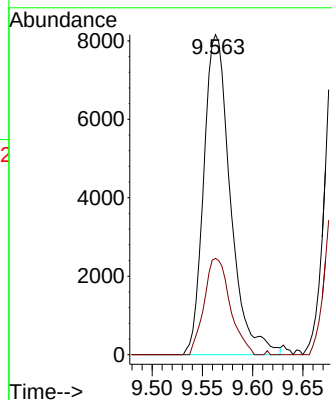
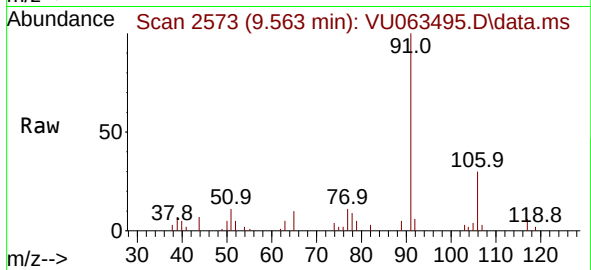
#67
Ethyl Benzene
Concen: 2.502 ug/l
RT: 9.563 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 15020
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7

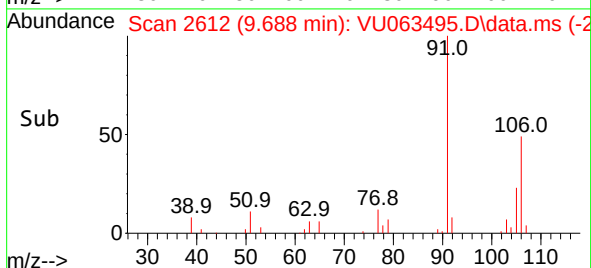
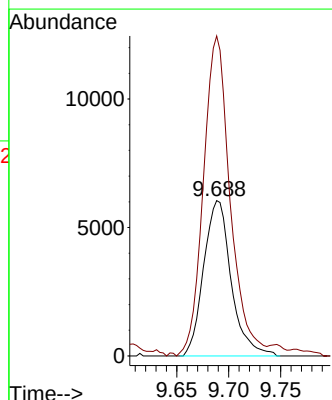
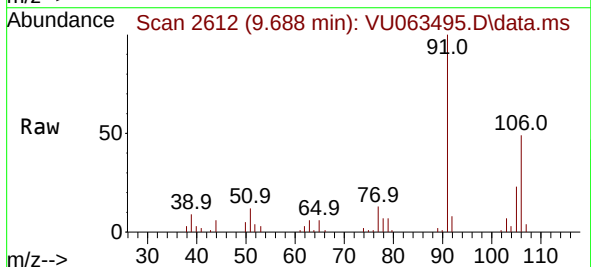
Manual Integrations
APPROVED

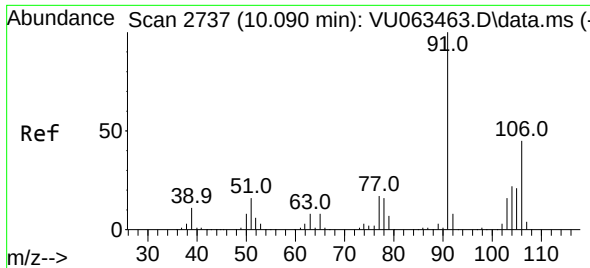
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#68
m/p-Xylenes
Concen: 4.867 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:106 Resp: 11150
Ion Ratio Lower Upper
106 100
91 200.4 163.6 245.4





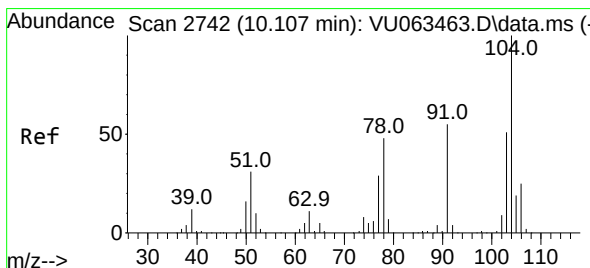
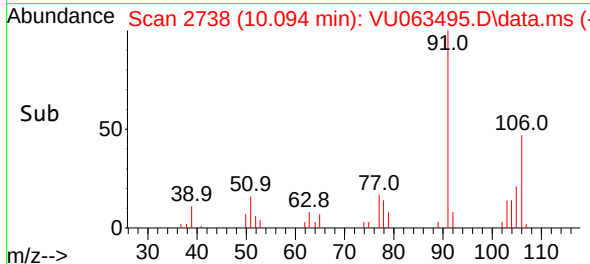
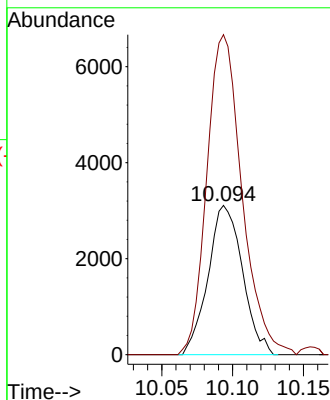
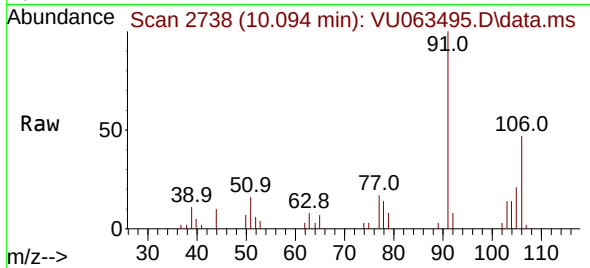
#69
o-Xylene
Concen: 2.257 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 525
Ion Ratio Lower Upper
106 100
91 218.7 110.7 331.9

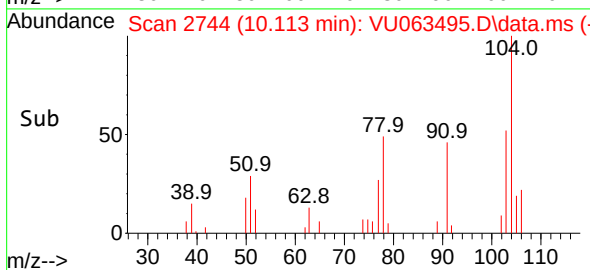
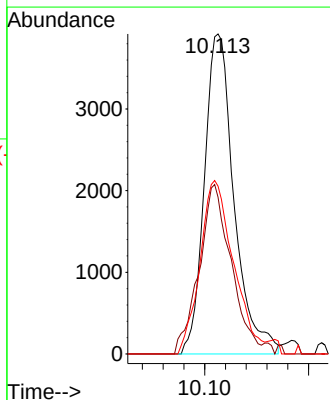
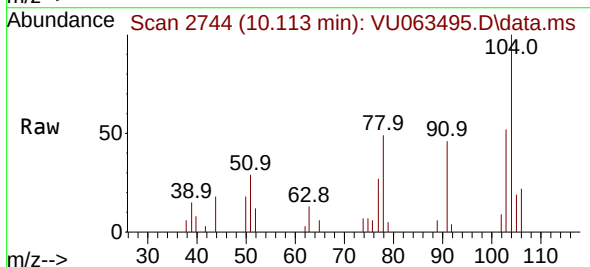
Manual Integrations
APPROVED

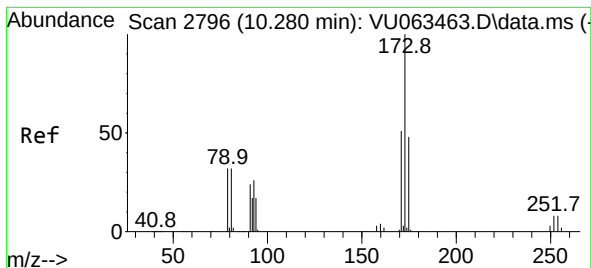
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#70
Styrene
Concen: 2.100 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:104 Resp: 7776
Ion Ratio Lower Upper
104 100
78 57.0 41.4 62.0
103 61.2 44.3 66.5





#71

Bromoform

Concen: 1.821 ug/l

RT: 10.277 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

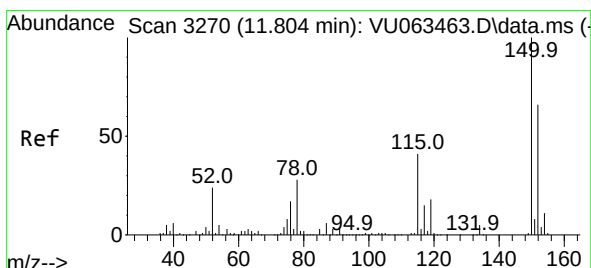
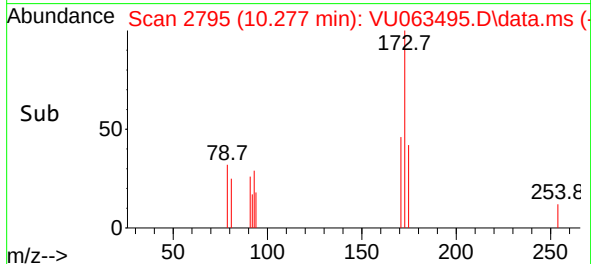
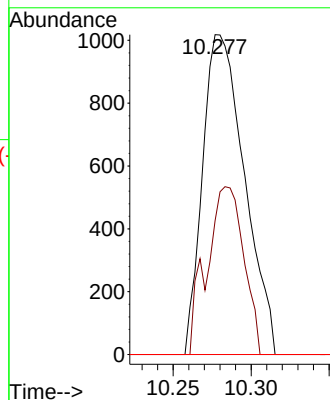
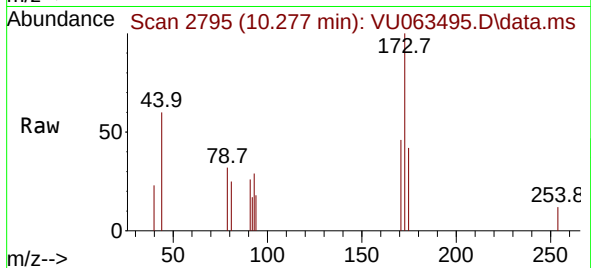
MDL05

Tgt Ion:173	Resp:	190
Ion Ratio	Lower	Upper
173	100	
175	46.3	24.0 72.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

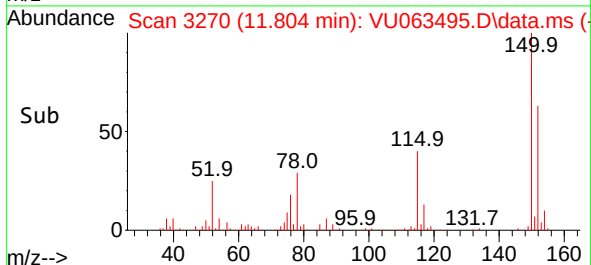
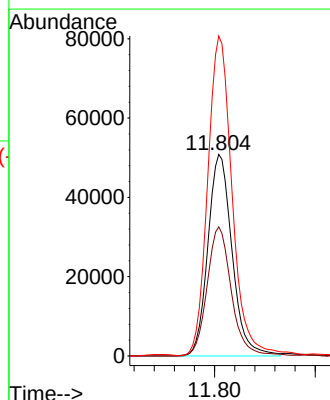
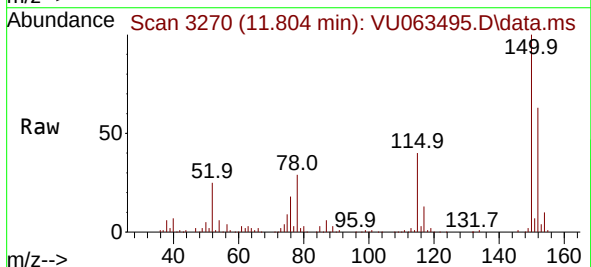
RT: 11.804 min Scan# 3270

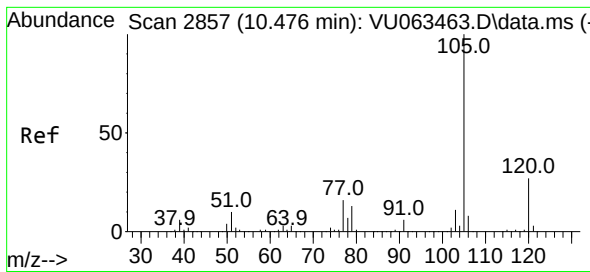
Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Tgt Ion:152	Resp:	85102
Ion Ratio	Lower	Upper
152	100	
115	64.2	43.4 130.2
150	160.6	0.0 341.4





#73

Isopropylbenzene

Concen: 2.516 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

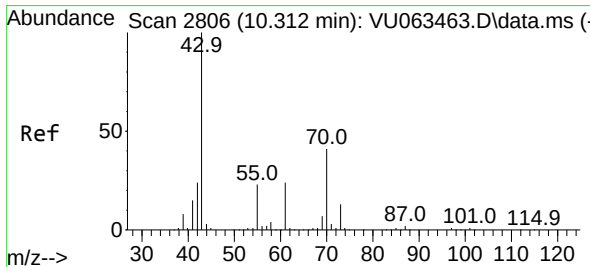
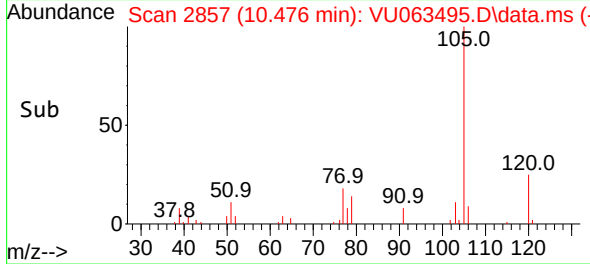
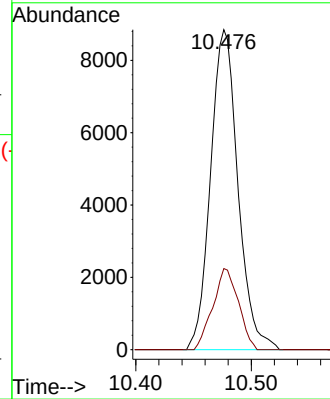
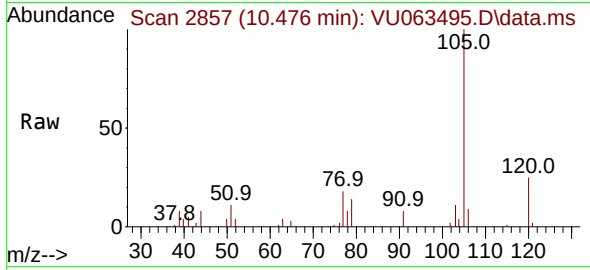
MDL05

Tgt Ion:105 Resp: 14569
 Ion Ratio Lower Upper
 105 100
 120 23.6 13.1 39.1

Manual Integrations

APPROVED

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



#74

N-ethyl acetate

Concen: 2.307 ug/l

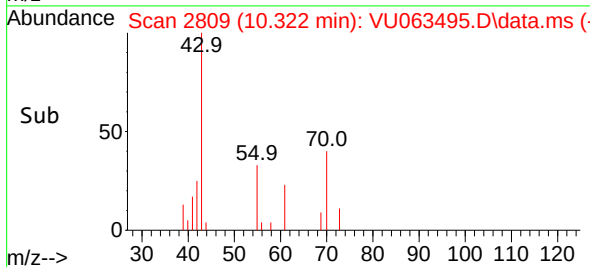
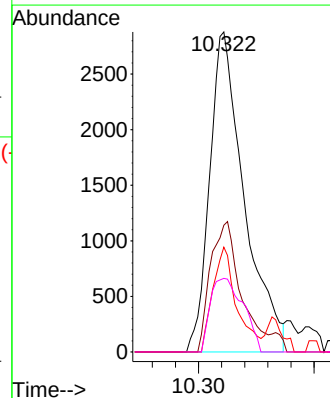
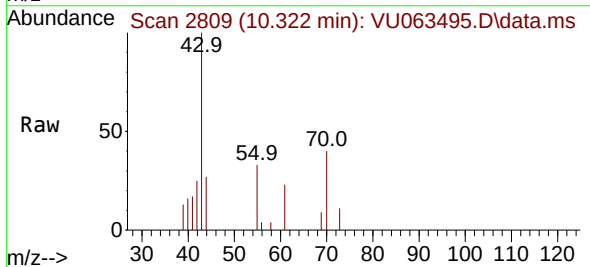
RT: 10.322 min Scan# 2809

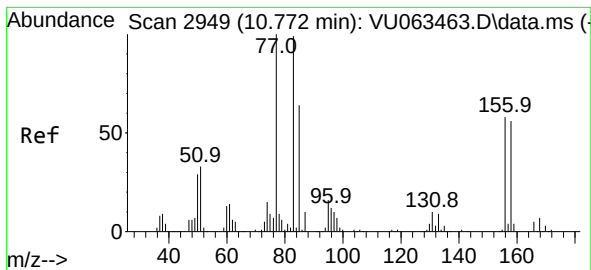
Delta R.T. 0.009 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

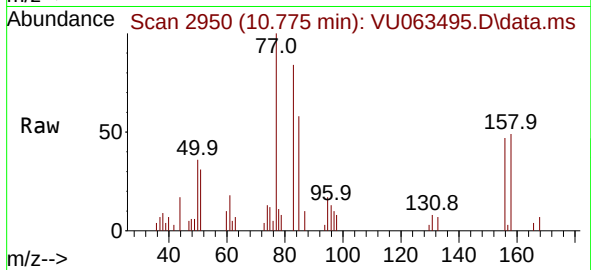
Tgt Ion: 43 Resp: 5991
 Ion Ratio Lower Upper
 43 100
 70 35.7 32.6 48.8
 55 22.8 18.6 27.8
 61 21.8 18.9 28.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.413 ug/l
 RT: 10.775 min Scan# 2949
 Delta R.T. 0.003 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

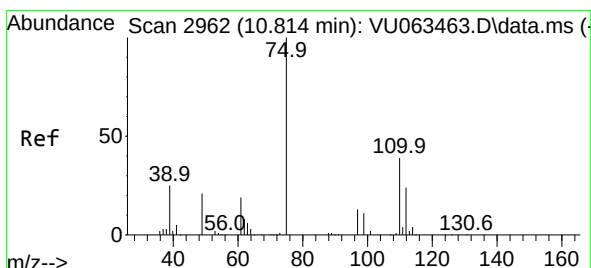
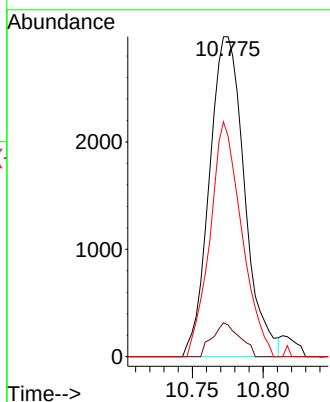
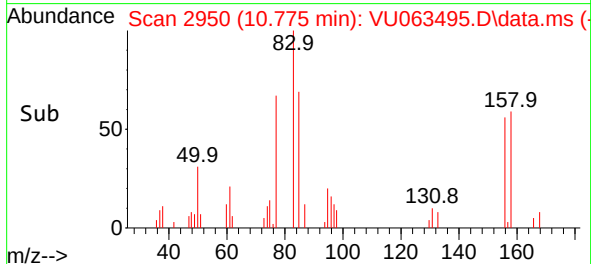
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion: 83 Resp: 5144
 Ion Ratio Lower Upper
 83 100
 131 8.3 4.8 14.3
 85 66.2 32.3 96.8

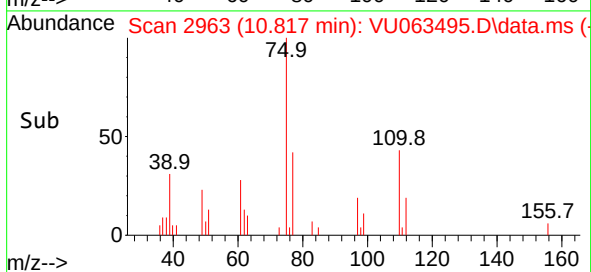
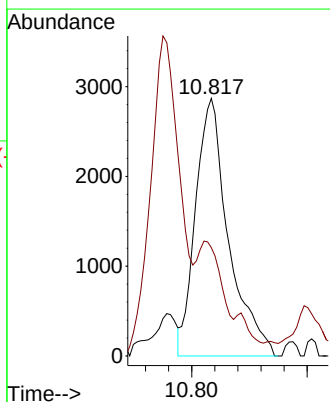
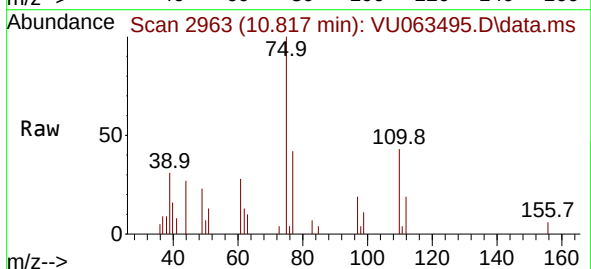
Manual Integrations
 APPROVED

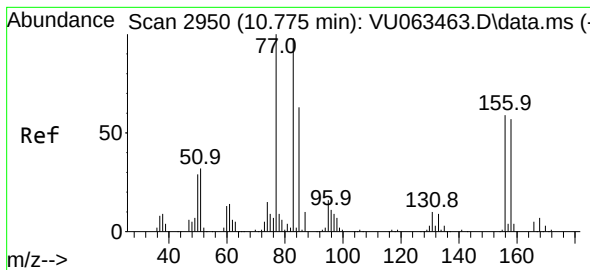
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#76
 1,2,3-Trichloropropane
 Concen: 2.520 ug/l
 RT: 10.817 min Scan# 2963
 Delta R.T. 0.003 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

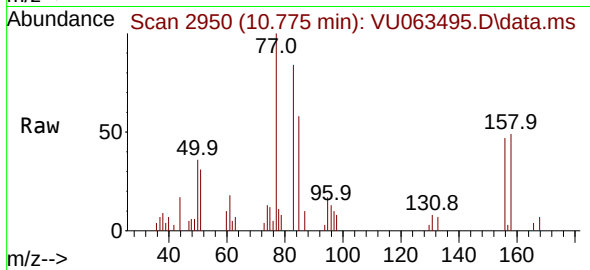
Tgt Ion: 75 Resp: 5682
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#





#77
Bromobenzene
Concen: 2.147 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

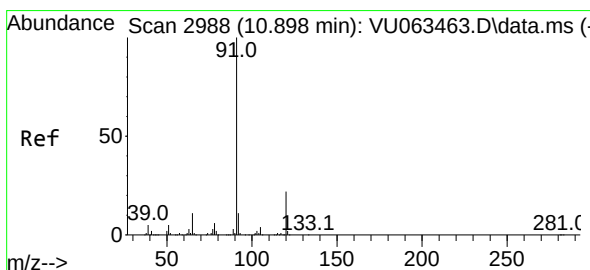
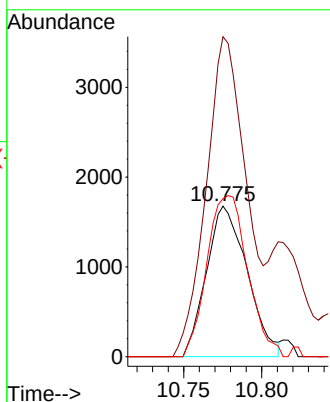
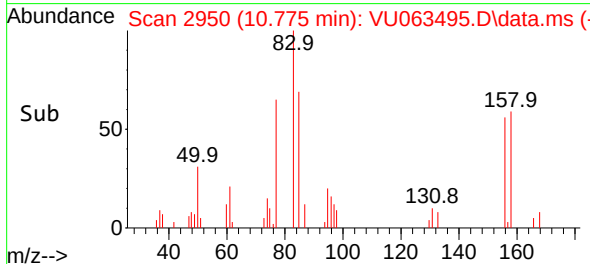
Instrument :
MSVOA_U
ClientSampleId :
MDL05



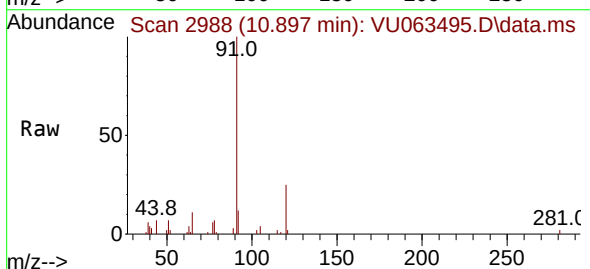
Tgt Ion:156 Resp: 304
Ion Ratio Lower Upper
156 100
77 207.2 78.2 234.6
158 106.9 46.8 140.4

Manual Integrations
APPROVED

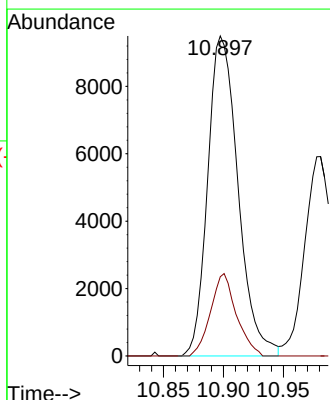
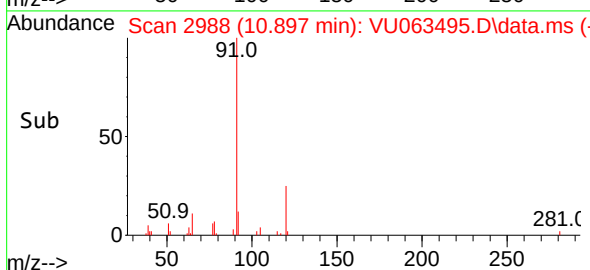
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

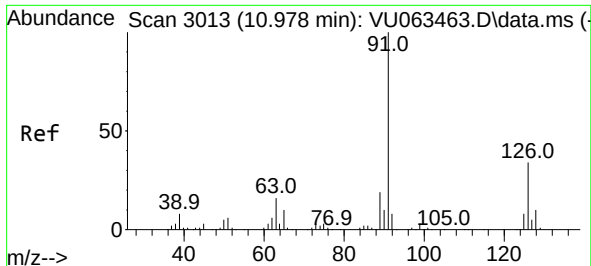


#78
n-propylbenzene
Concen: 2.489 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18



Tgt Ion: 91 Resp: 16716
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.420 ug/l

RT: 10.981 min Scan# 3013

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 1019

Ion Ratio Lower Upper

91 100

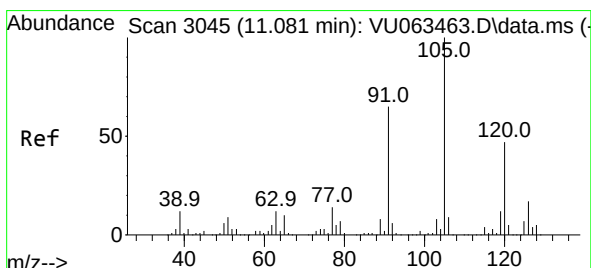
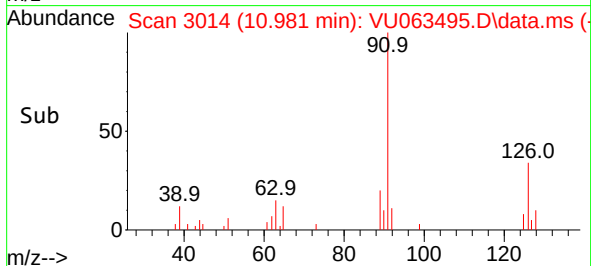
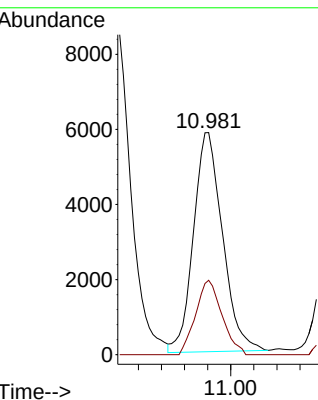
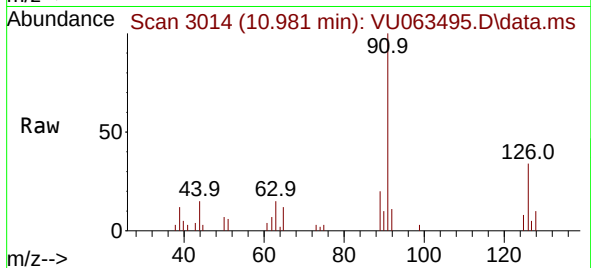
126 30.6 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 2.290 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063495.D

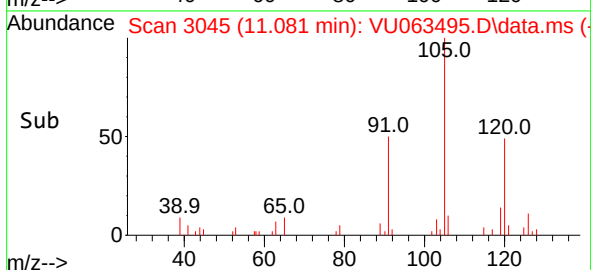
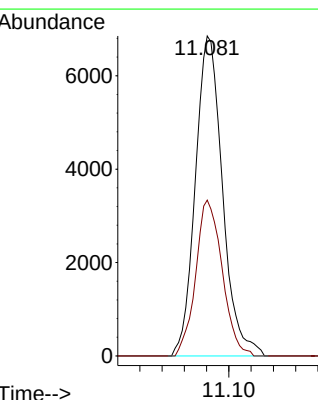
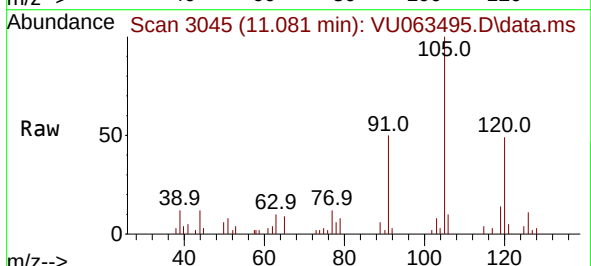
Acq: 11 Jul 2025 16:18

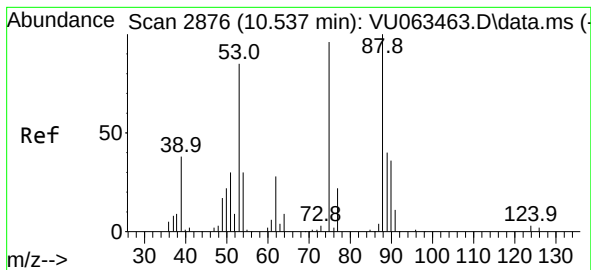
Tgt Ion:105 Resp: 11600

Ion Ratio Lower Upper

105 100

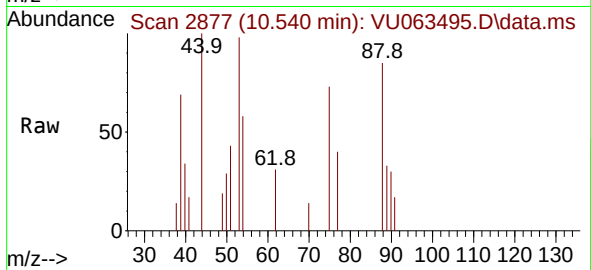
120 47.5 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 1.931 ug/l m
RT: 10.540 min Scan# 2876
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

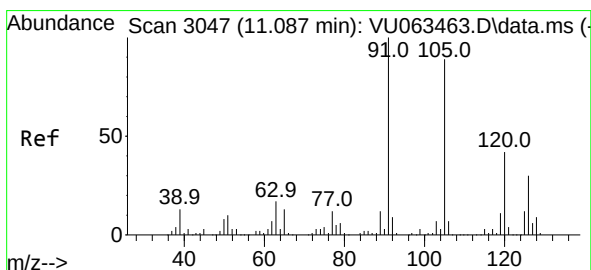
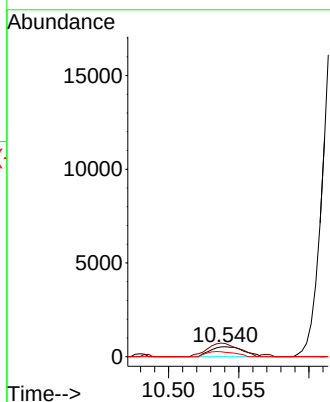
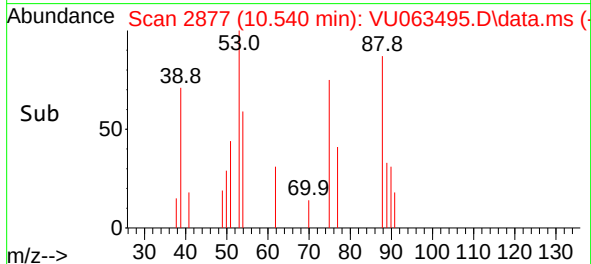
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 87.8
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8
89 0.0 36.3 54.5

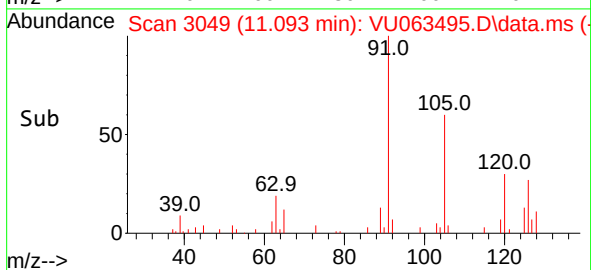
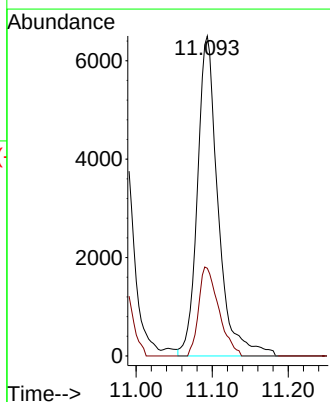
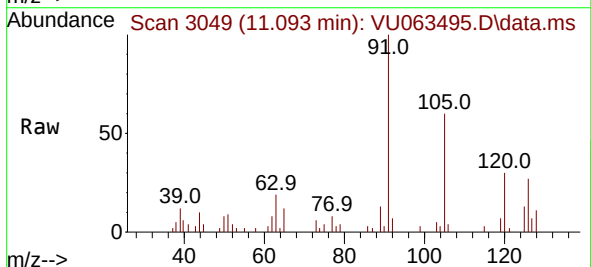
Manual Integrations
APPROVED

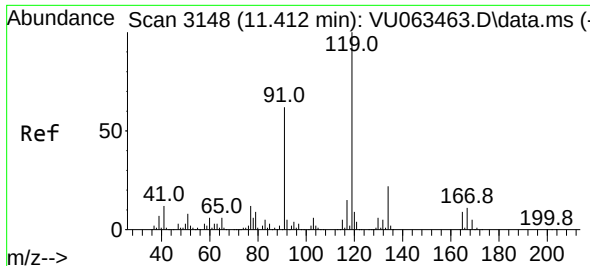
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#82
4-Chlorotoluene
Concen: 2.566 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

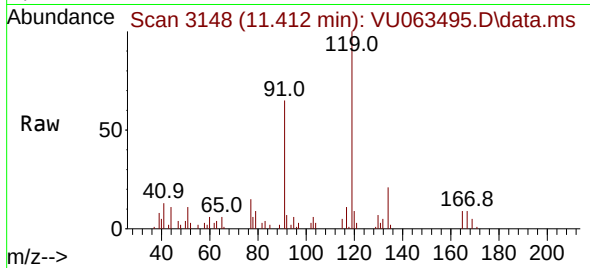
Tgt Ion: 91 Resp: 12271
Ion Ratio Lower Upper
91 100
126 26.9 14.4 43.2





#83
tert-Butylbenzene
Concen: 2.444 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

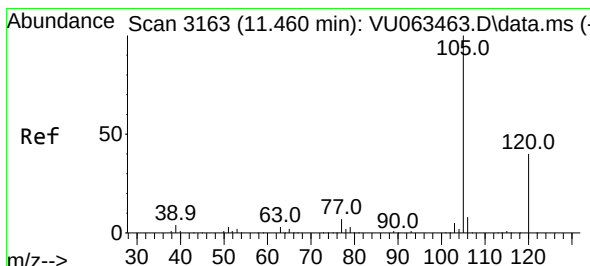
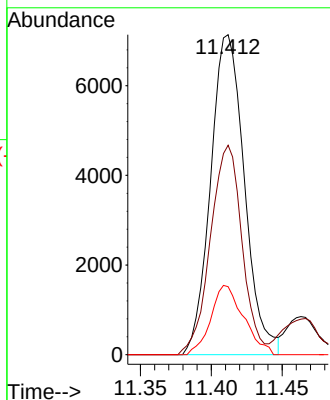
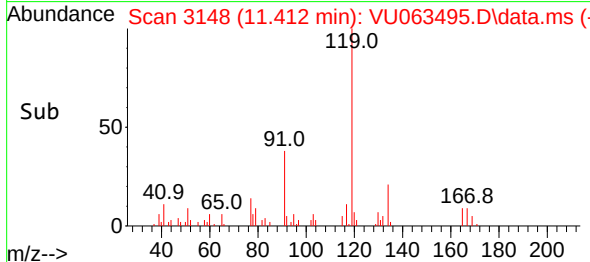
Instrument :
MSVOA_U
ClientSampleId :
MDL05



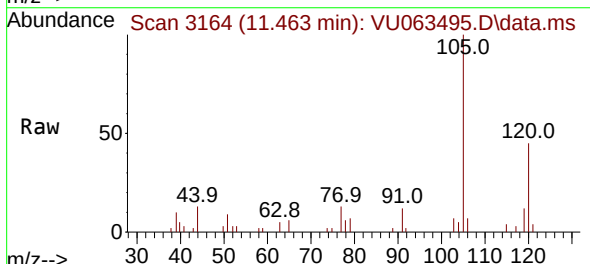
Tgt Ion:119 Resp: 11872
Ion Ratio Lower Upper
119 100
91 61.4 30.3 91.0
134 21.0 11.2 33.6

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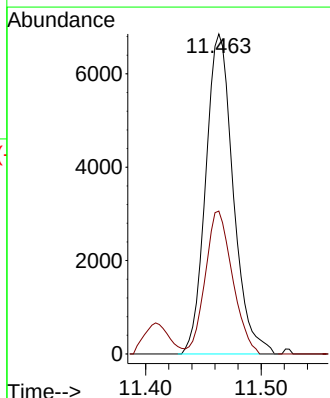
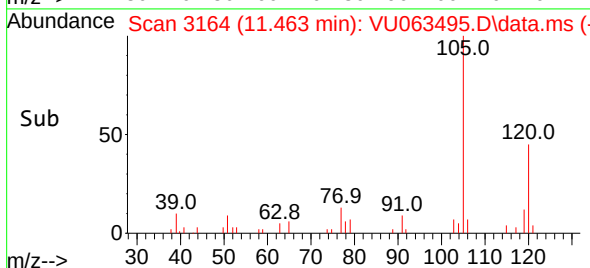
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

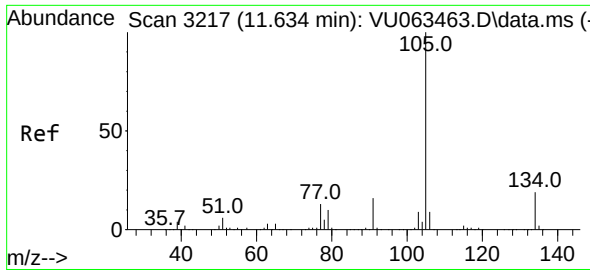


#84
1,2,4-Trimethylbenzene
Concen: 2.282 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18



Tgt Ion:105 Resp: 11350
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.3





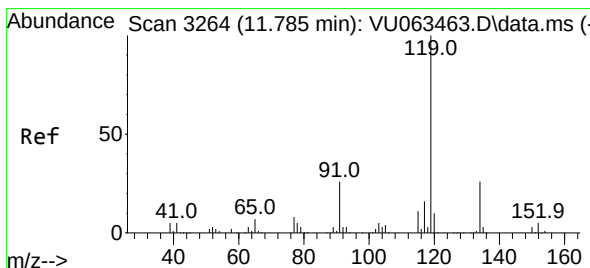
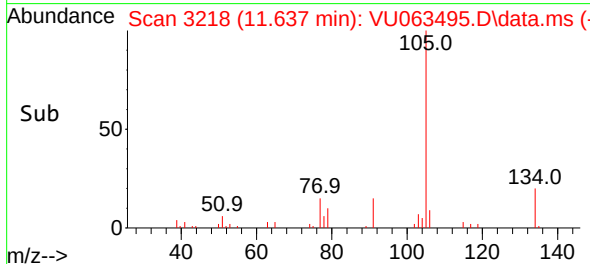
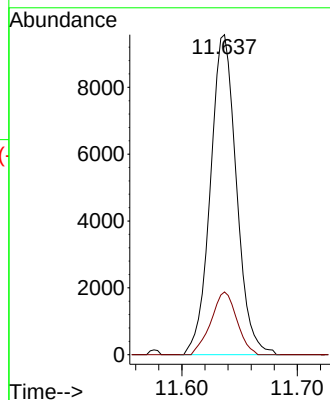
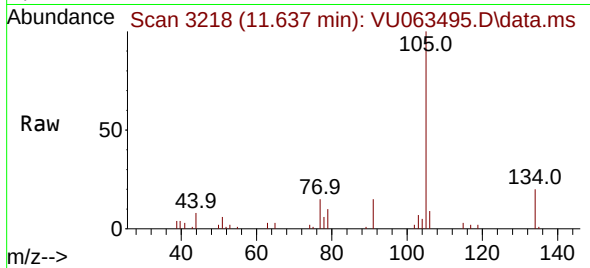
#85
 sec-Butylbenzene
 Concen: 2.342 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion:105 Resp: 15010
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

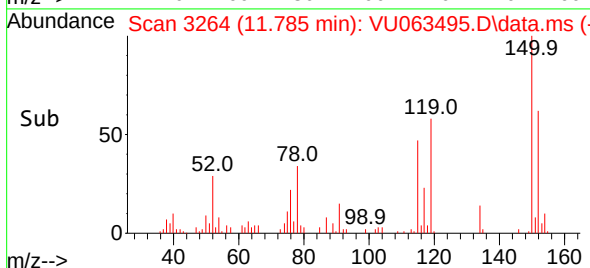
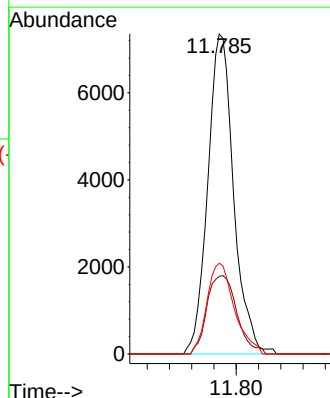
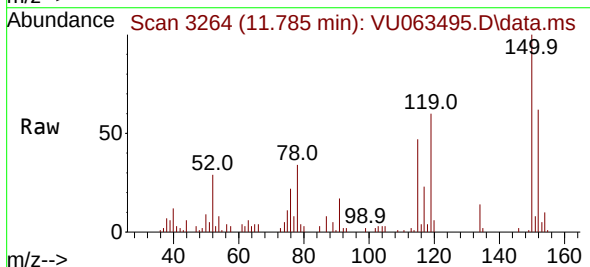
Manual Integrations
 APPROVED

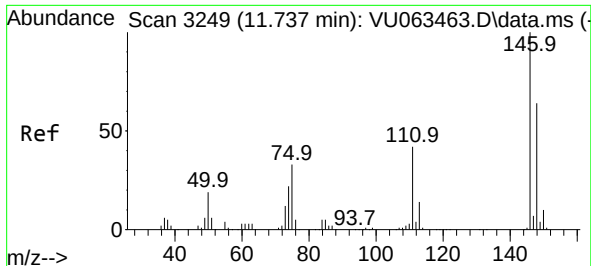
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#86
 p-Isopropyltoluene
 Concen: 2.279 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Tgt Ion:119 Resp: 11850
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.0 38.9
 91 30.0 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 2.523 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

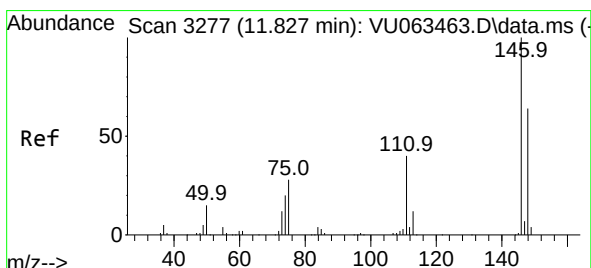
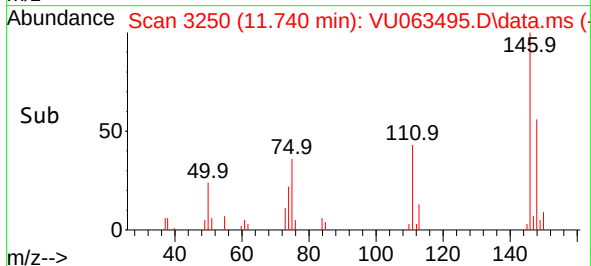
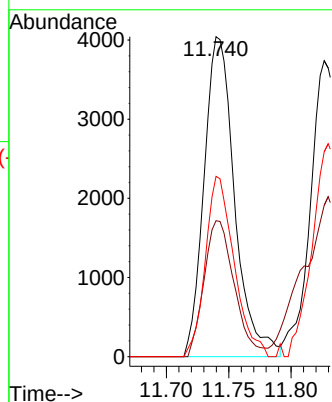
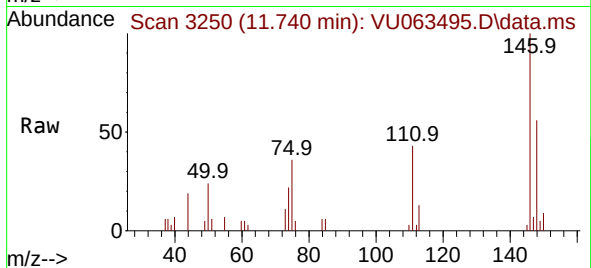
MDL05

Tgt Ion:146	Resp:	690
Ion Ratio	Lower	Upper
146	100	
111	42.2	20.9 62.7
148	52.9	31.9 95.9

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 2.655 ug/l

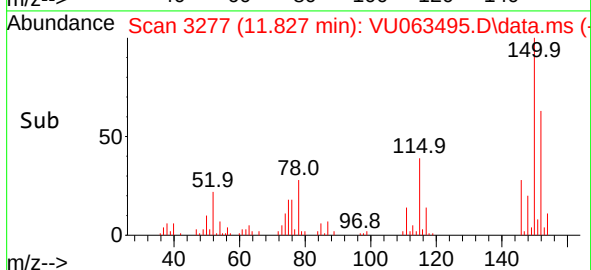
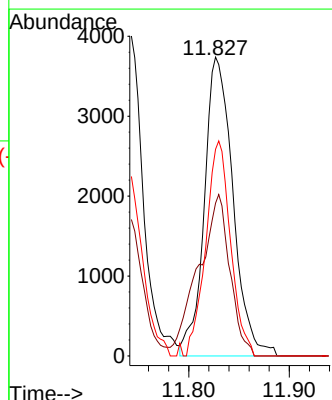
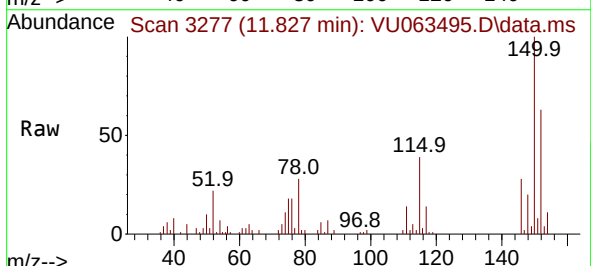
RT: 11.827 min Scan# 3277

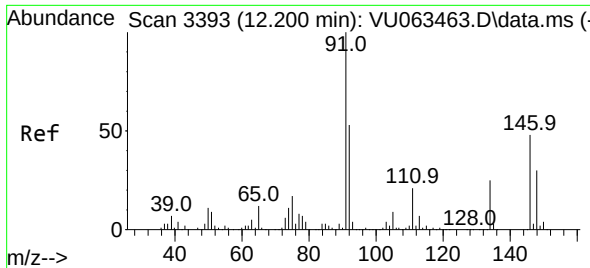
Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

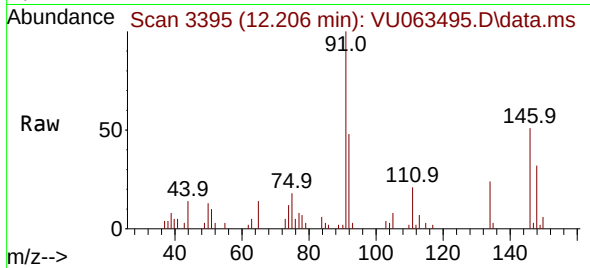
Tgt Ion:146	Resp:	7405
Ion Ratio	Lower	Upper
146	100	
111	59.0	20.8 62.4
148	62.2	31.9 95.9





#89
n-Butylbenzene
Concen: 2.551 ug/l
RT: 12.206 min Scan# 3393
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

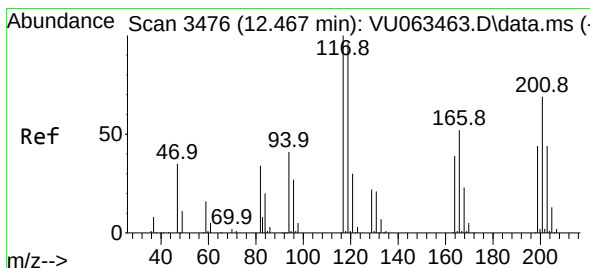
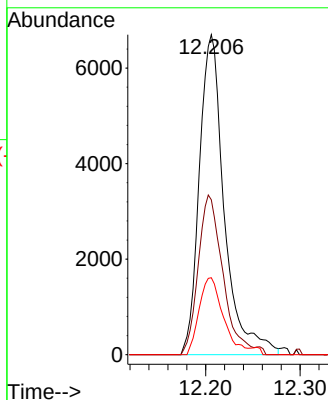
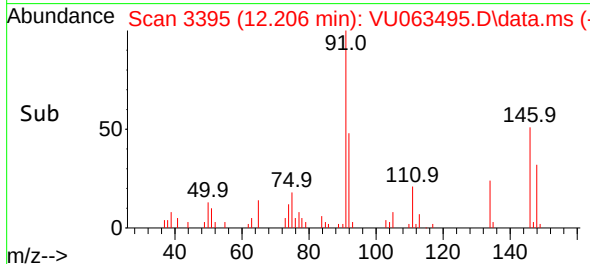
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 91 Resp: 12279
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.2
134 23.3 12.4 37.0

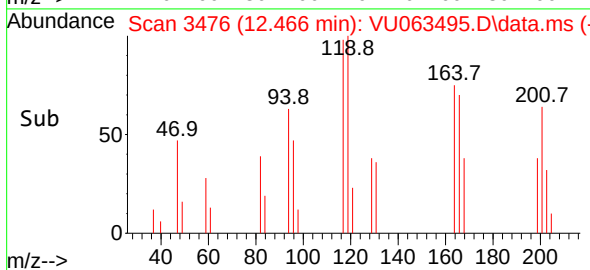
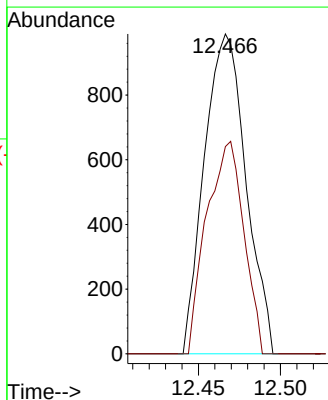
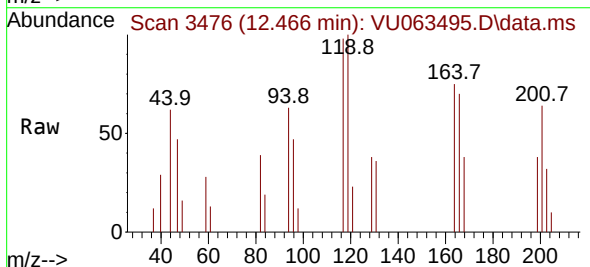
Manual Integrations
APPROVED

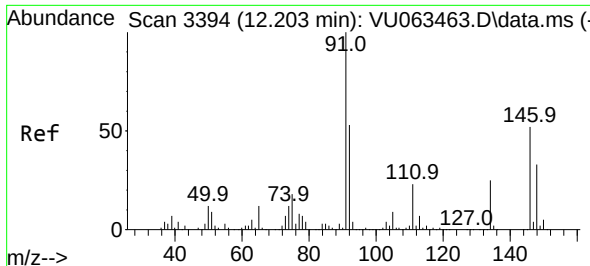
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#90
Hexachloroethane
Concen: 2.003 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

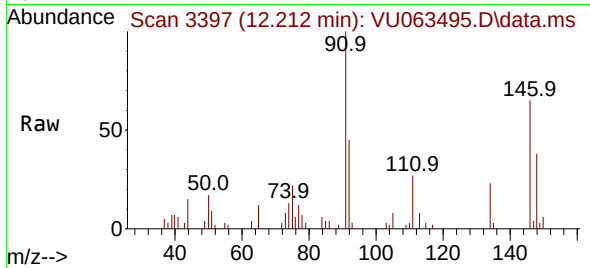
Tgt Ion:117 Resp: 1742
Ion Ratio Lower Upper
117 100
201 59.3 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 2.488 ug/l
RT: 12.212 min Scan# 3394
Delta R.T. 0.009 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

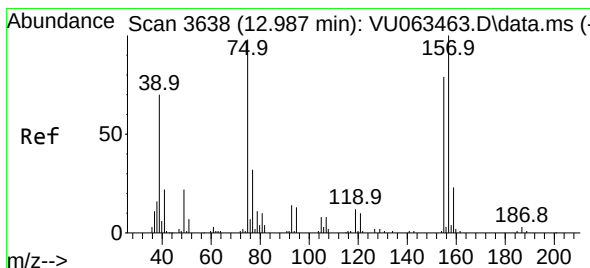
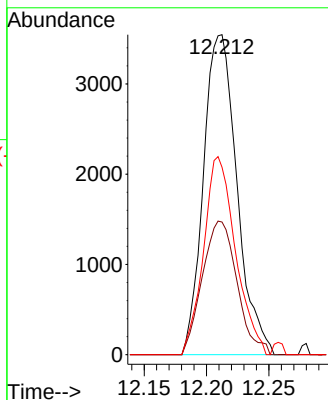
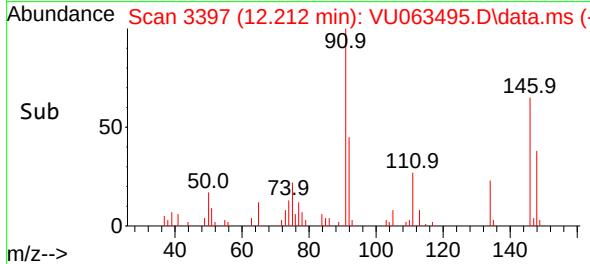
Instrument :
MSVOA_U
ClientSampleId :
MDL05



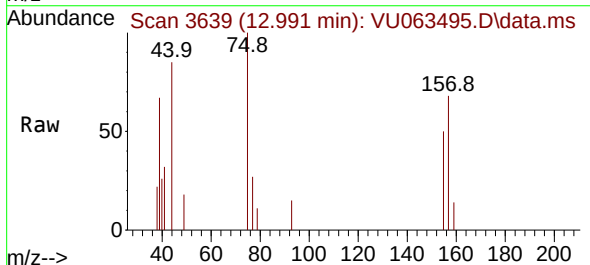
Tgt Ion:146 Resp: 6630
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 59.0 31.6 95.0

Manual Integrations
APPROVED

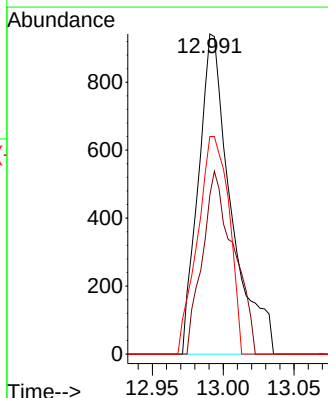
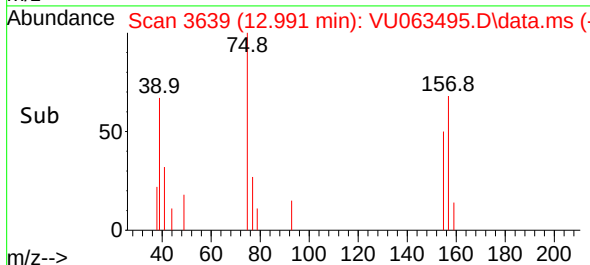
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

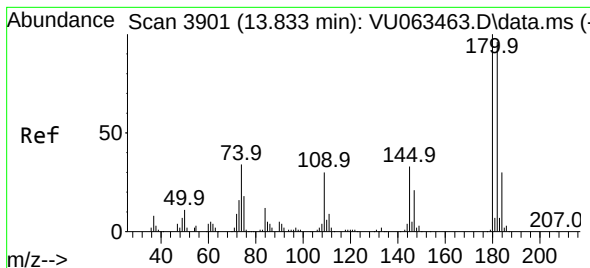


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.989 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18



Tgt Ion: 75 Resp: 1509
Ion Ratio Lower Upper
75 100
155 54.5 39.1 117.5
157 65.4 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 2.366 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

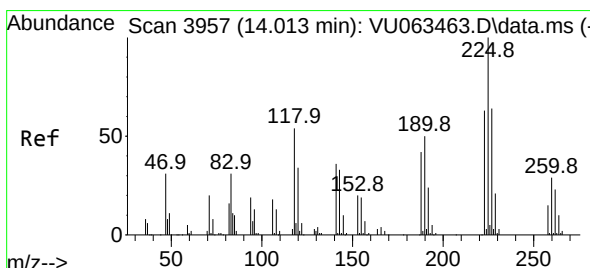
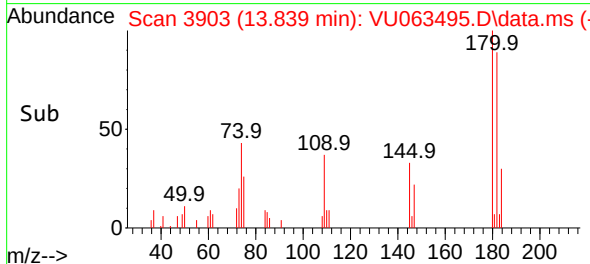
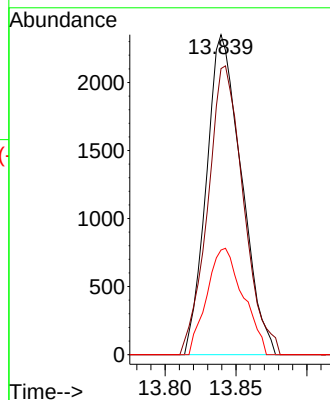
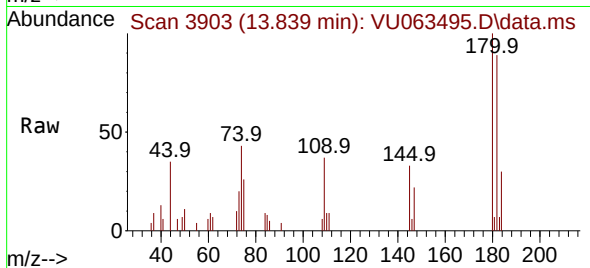
MDL05

Tgt Ion:	180	Resp:	404
Ion Ratio	Lower	Upper	
180	100		
182	91.8	47.7	143.1
145	34.2	16.6	49.7

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 2.464 ug/l

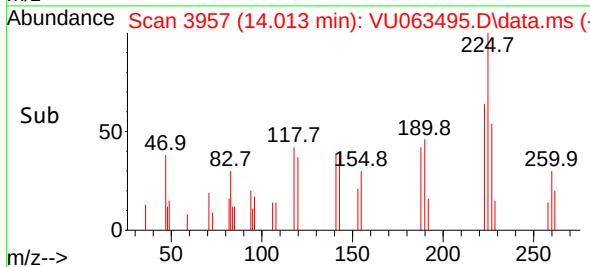
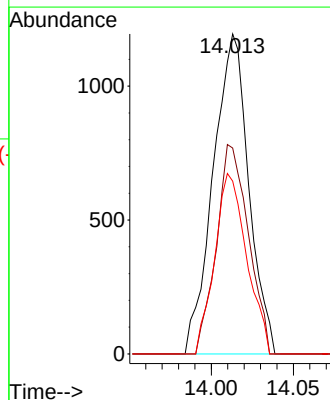
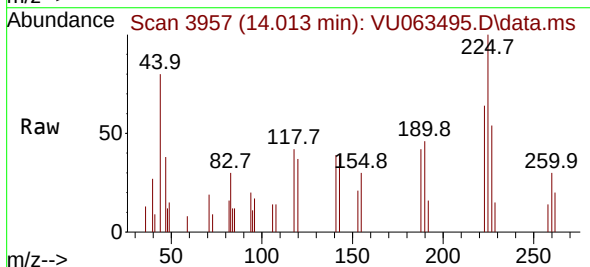
RT: 14.013 min Scan# 3957

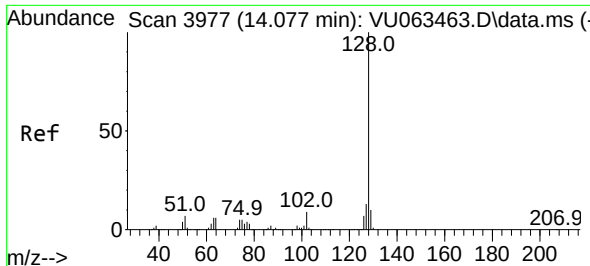
Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

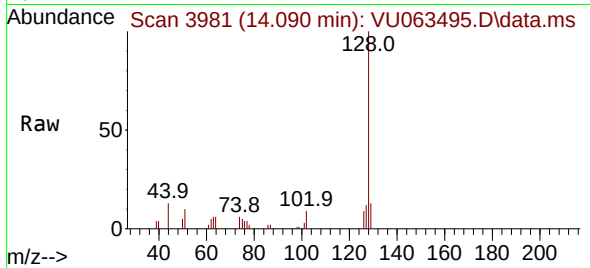
Tgt Ion:	225	Resp:	1799
Ion Ratio	Lower	Upper	
225	100		
223	59.0	32.4	97.0
227	50.7	32.3	96.9





#95
Naphthalene
Concen: 2.767 ug/l
RT: 14.090 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

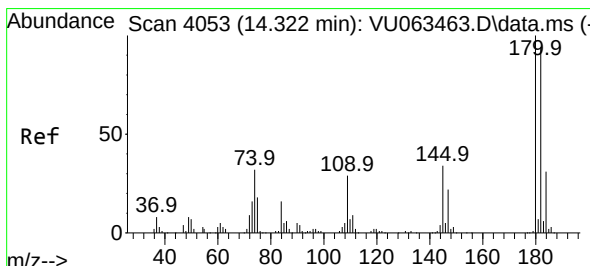
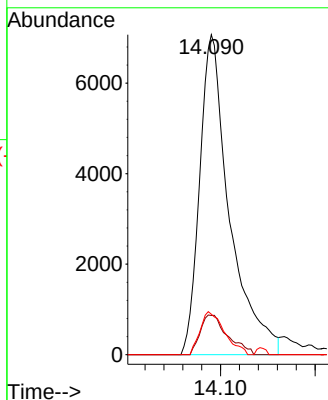
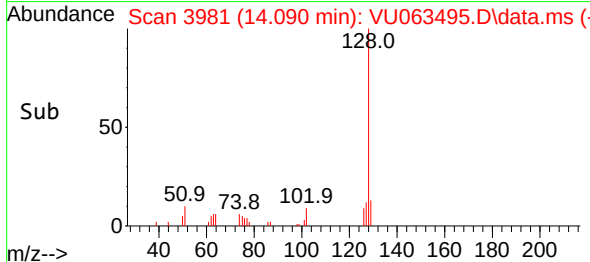
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:128 Resp: 1548
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.532 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:180 Resp: 4251
Ion Ratio Lower Upper
180 100
182 92.1 47.8 143.3
145 37.9 17.2 51.5

