

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063489.D
 Acq On : 11 Jul 2025 11:39
 Operator : MD/SY
 Sample : MDL05
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 12 03:48:52 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	5.361	168	104638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	186461	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	173889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.805	152	87871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	75614	56.637	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.280%			
35) Dibromofluoromethane	5.278	113	58440	51.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.000%			
50) Toluene-d8	7.888	98	185894	50.739	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	10.625	95	83531	52.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.381	85	2355	2.830	ug/l	96
3) Chloromethane	1.519	50	3118	3.076	ug/l	93
4) Vinyl Chloride	1.599	62	3384	3.011	ug/l	91
5) Bromomethane	1.847	94	3827	4.860	ug/l	87
6) Chloroethane	1.924	64	3070	3.770	ug/l	95
7) Trichlorofluoromethane	2.130	101	5288	2.916	ug/l	96
8) Diethyl Ether	2.371	74	2305	3.050	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.567	101	3444	3.211	ug/l	92
10) Methyl Iodide	2.709	142	3078	2.748	ug/l	95
11) Tert butyl alcohol	3.188	59	8263	18.460	ug/l #	93
12) 1,1-Dichloroethene	2.567	96	3518	3.524	ug/l	86
13) Acrolein	2.480	56	957	15.147	ug/l	93
14) Allyl chloride	2.908	41	7163	3.014	ug/l	95
15) Acrylonitrile	3.307	53	15222	15.876	ug/l	92
16) Acetone	2.622	43	16273	14.530	ug/l	96
17) Carbon Disulfide	2.776	76	9107	3.816	ug/l	96
18) Methyl Acetate	2.943	43	9125	3.166	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	12399	2.880	ug/l	92
20) Methylene Chloride	3.027	84	4537	2.778	ug/l	88
21) trans-1,2-Dichloroethene	3.332	96	3698	3.448	ug/l	96
22) Diisopropyl ether	3.991	45	11300	2.793	ug/l #	81
23) Vinyl Acetate	3.953	43	43665	13.908	ug/l	98
24) 1,1-Dichloroethane	3.853	63	6404	2.789	ug/l	96
25) 2-Butanone	4.721	43	16893	13.437	ug/l	99
26) 2,2-Dichloropropane	4.651	77	4784	2.395	ug/l	99
27) cis-1,2-Dichloroethene	4.660	96	3942	2.784	ug/l	98
28) Bromochloromethane	4.966	49	3681	3.412	ug/l #	85
29) Tetrahydrofuran	5.059	42	13050	16.455	ug/l #	92
30) Chloroform	5.075	83	6598	2.721	ug/l	100
31) Cyclohexane	5.364	56	8178	4.430	ug/l #	70
32) 1,1,1-Trichloroethane	5.300	97	5895	2.856	ug/l #	52
36) 1,1-Dichloropropene	5.512	75	4914	3.218	ug/l	94
37) Ethyl Acetate	4.827	43	8530m	3.449	ug/l	
38) Carbon Tetrachloride	5.509	117	4624	2.748	ug/l	99
39) Methylcyclohexane	6.747	83	5584	3.026	ug/l	97
40) Benzene	5.766	78	12235	2.565	ug/l	92

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Quant Time: Jul 12 03:48:52 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	4.995	41	3193m	2.736	ug/l	
42) 1,2-Dichloroethane	5.792	62	5676	3.165	ug/l	87
43) Isopropyl Acetate	5.924	43	8709	2.651	ug/l #	93
44) Trichloroethene	6.535	130	3434	2.690	ug/l	81
45) 1,2-Dichloropropane	6.782	63	3661	2.761	ug/l	90
46) Dibromomethane	6.911	93	2676	2.837	ug/l	96
47) Bromodichloromethane	7.097	83	5462	2.784	ug/l	92
48) Methyl methacrylate	6.969	41	3940	2.595	ug/l	89
49) 1,4-Dioxane	6.969	88	2042	61.286	ug/l #	66
51) 4-Methyl-2-Pentanone	7.786	43	36598	15.391	ug/l	97
52) Toluene	7.962	92	9023	2.892	ug/l	93
53) t-1,3-Dichloropropene	8.207	75	4185	2.438	ug/l #	87
54) cis-1,3-Dichloropropene	7.602	75	4646	2.418	ug/l #	90
55) 1,1,2-Trichloroethane	8.393	97	3598	2.716	ug/l	89
56) Ethyl methacrylate	8.332	69	5583	2.612	ug/l	89
57) 1,3-Dichloropropane	8.573	76	5976	2.736	ug/l #	88
59) 2-Hexanone	8.683	43	28758	15.990	ug/l	95
60) Dibromochloromethane	8.802	129	3330	2.244	ug/l	99
61) 1,2-Dibromoethane	8.917	107	3573	2.748	ug/l	97
64) Tetrachloroethene	8.544	164	3125	2.414	ug/l #	61
65) Chlorobenzene	9.438	112	10625	2.937	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.525	131	2711	2.185	ug/l	84
67) Ethyl Benzene	9.564	91	17509	2.816	ug/l	100
68) m/p-Xylenes	9.689	106	13437	5.662	ug/l	100
69) o-Xylene	10.094	106	6442	2.670	ug/l	99
70) Styrene	10.113	104	9968	2.598	ug/l	98
71) Bromoform	10.281	173	2286	2.114	ug/l #	95
73) Isopropylbenzene	10.477	105	17037	2.849	ug/l	99
74) N-amyl acetate	10.319	43	8439	3.147	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.776	83	6149	2.794	ug/l	93
76) 1,2,3-Trichloropropane	10.814	75	6969	2.993	ug/l #	81
77) Bromobenzene	10.776	156	4311	2.941	ug/l	91
78) n-propylbenzene	10.898	91	19615	2.829	ug/l	99
79) 2-Chlorotoluene	10.978	91	12552	2.886	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	14403	2.754	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.544	75	1293m	2.770	ug/l	
82) 4-Chlorotoluene	11.091	91	13603	2.755	ug/l	98
83) tert-Butylbenzene	11.412	119	13547	2.701	ug/l	95
84) 1,2,4-Trimethylbenzene	11.461	105	14027	2.731	ug/l	98
85) sec-Butylbenzene	11.634	105	19099	2.886	ug/l	96
86) p-Isopropyltoluene	11.785	119	15241	2.839	ug/l	99
87) 1,3-Dichlorobenzene	11.744	146	7662	2.713	ug/l	92
88) 1,4-Dichlorobenzene	11.830	146	9305	3.232	ug/l	90
89) n-Butylbenzene	12.203	91	15235	3.066	ug/l	97
90) Hexachloroethane	12.464	117	2301	2.563	ug/l	88
91) 1,2-Dichlorobenzene	12.210	146	7775	2.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.994	75	1434	2.751	ug/l	97
93) 1,2,4-Trichlorobenzene	13.840	180	5767	3.270	ug/l	97
94) Hexachlorobutadiene	14.010	225	1962	2.602	ug/l	92
95) Naphthalene	14.088	128	24255	4.199	ug/l	98
96) 1,2,3-Trichlorobenzene	14.325	180	5856	3.379	ug/l	94

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ClientSampleId :
MDL05

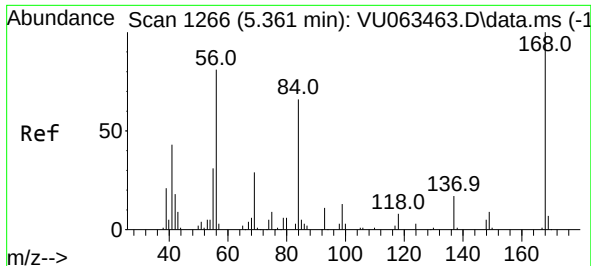
Manual Integrations
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Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 12 03:48:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

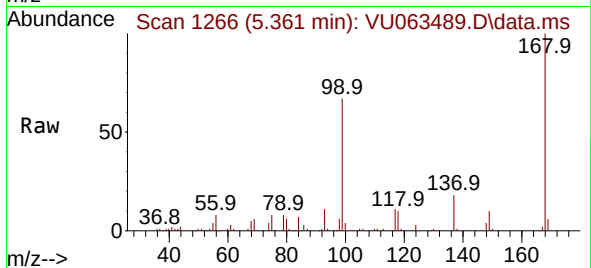
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063489.D
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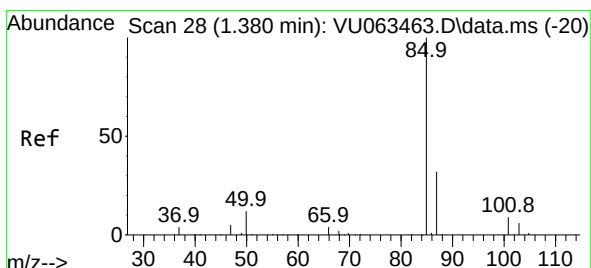
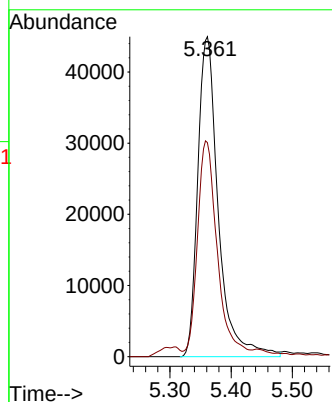
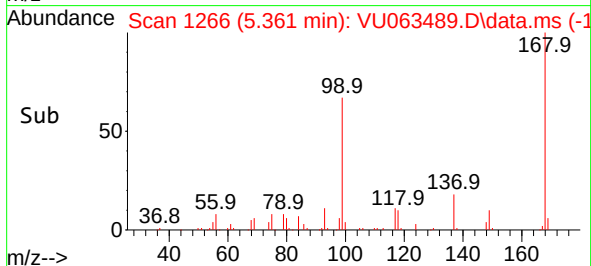
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:168 Resp: 104638
Ion Ratio Lower Upper
168 100
99 65.9 47.7 71.5

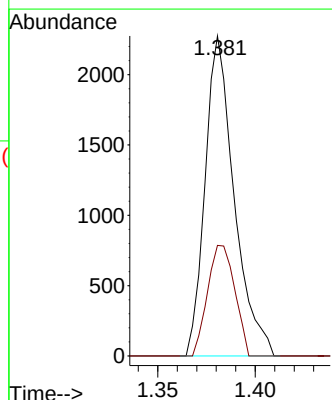
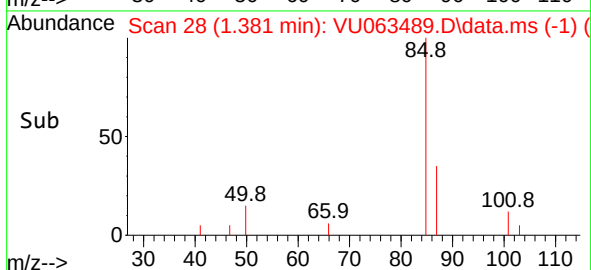
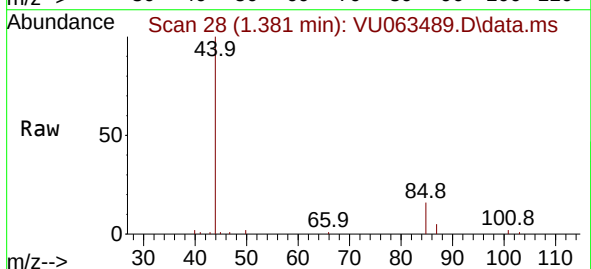
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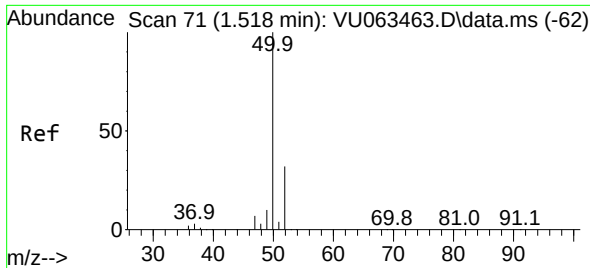
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#2
Dichlorodifluoromethane
Concen: 2.830 ug/l
RT: 1.381 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

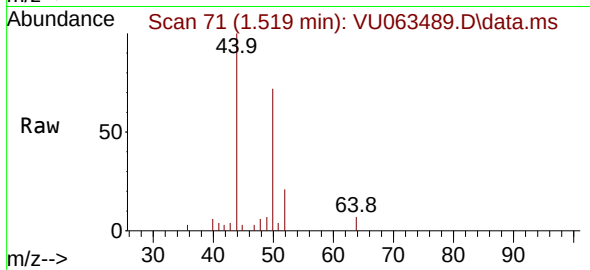
Tgt Ion: 85 Resp: 2355
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2





#3
Chloromethane
Concen: 3.076 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.001 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

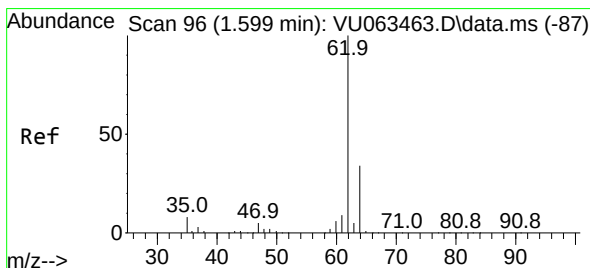
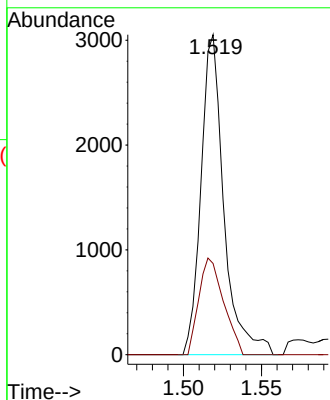
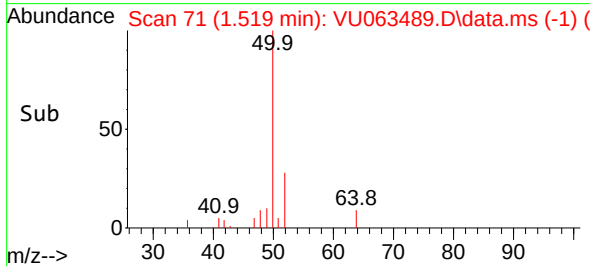
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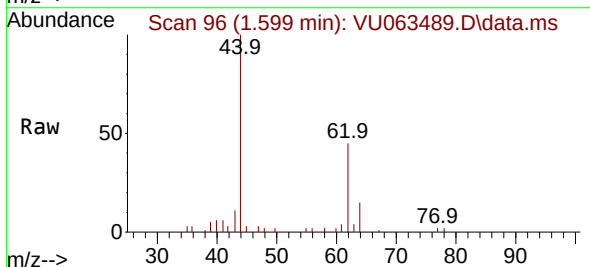
Tgt Ion: 50 Resp: 3118
Ion Ratio Lower Upper
50 100
52 28.5 25.8 38.8

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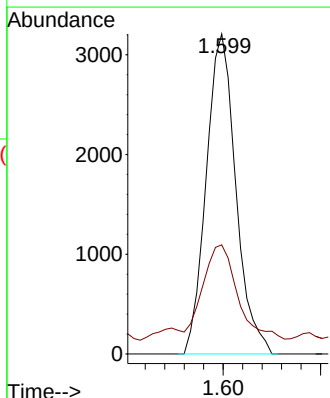
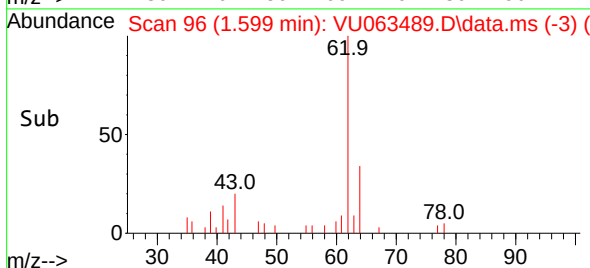
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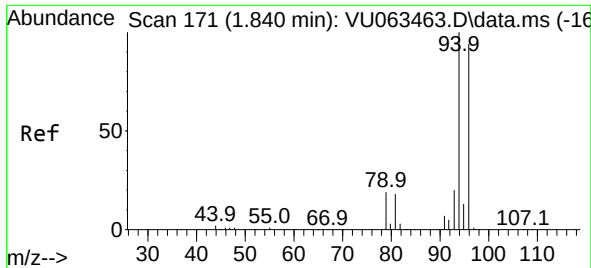


#4
Vinyl Chloride
Concen: 3.011 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



Tgt Ion: 62 Resp: 3384
Ion Ratio Lower Upper
62 100
64 28.4 26.9 40.3





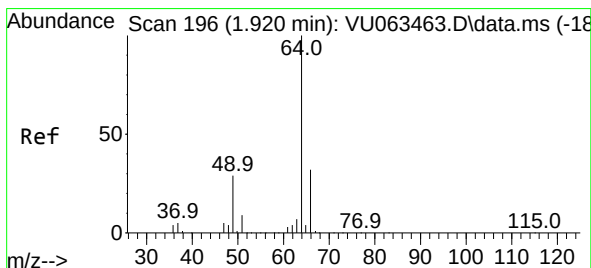
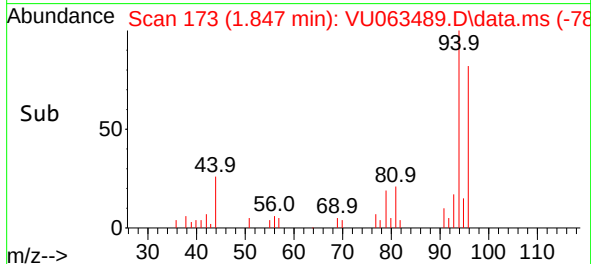
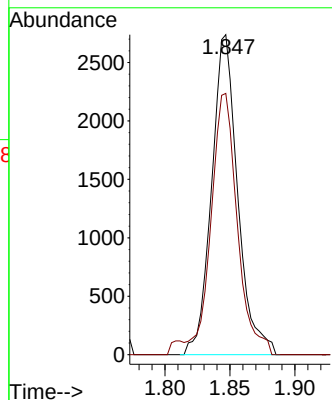
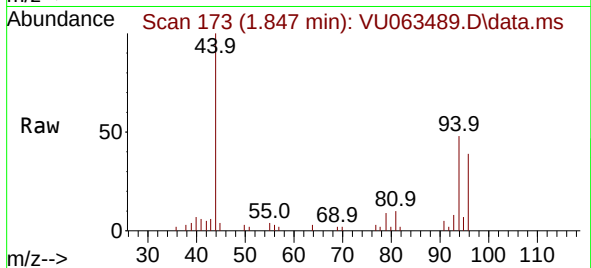
#5
Bromomethane
Concen: 4.860 ug/l
RT: 1.847 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 382
Ion Ratio Lower Upper
94 100
96 81.6 75.5 113.3

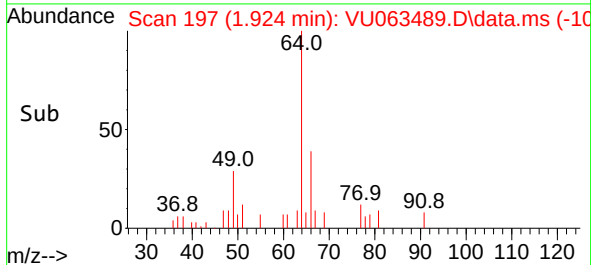
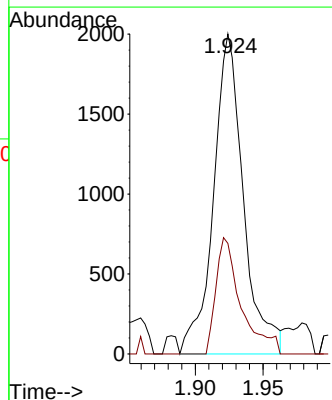
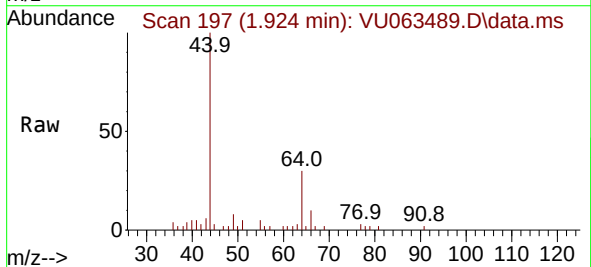
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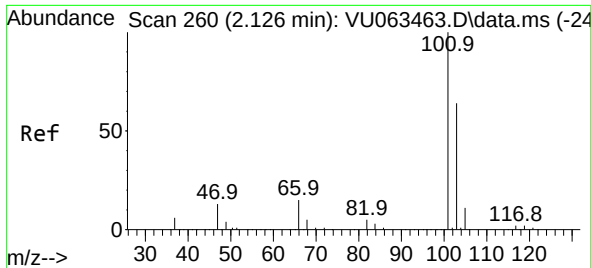
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#6
Chloroethane
Concen: 3.770 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 64 Resp: 3070
Ion Ratio Lower Upper
64 100
66 34.5 25.3 37.9





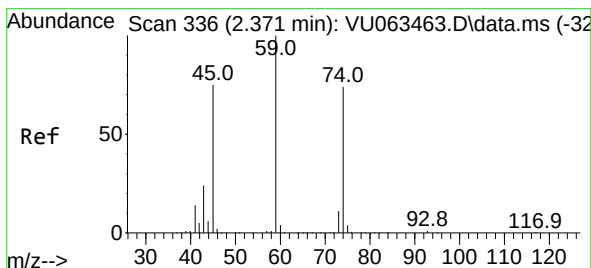
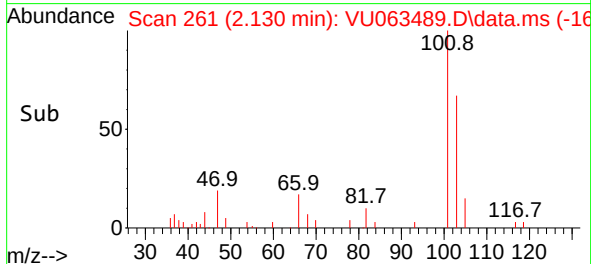
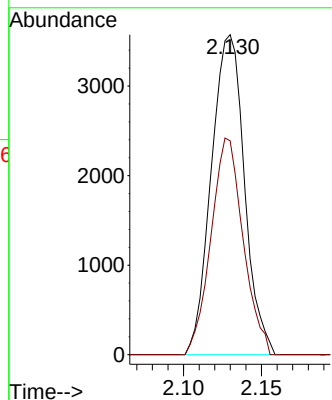
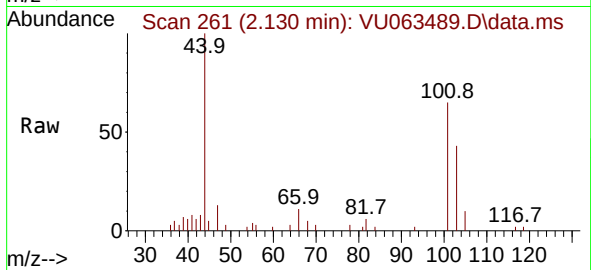
#7
Trichlorofluoromethane
Concen: 2.916 ug/l
RT: 2.130 min Scan# 261
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 528
Ion Ratio Lower Upper
101 100
103 66.9 51.1 76.7

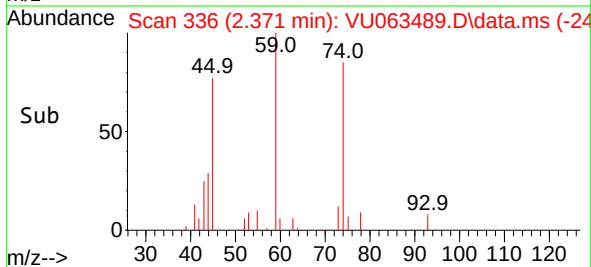
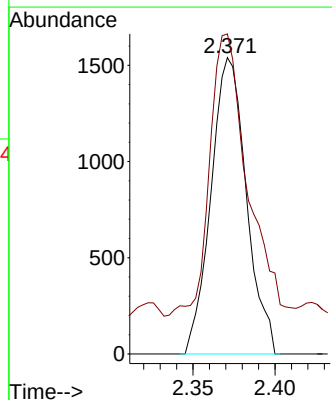
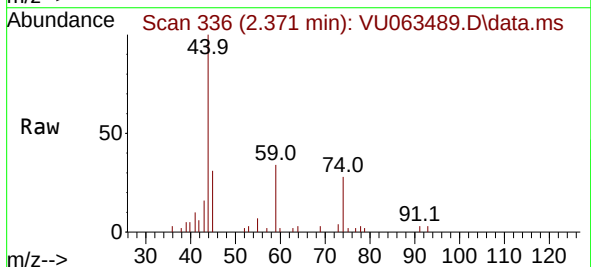
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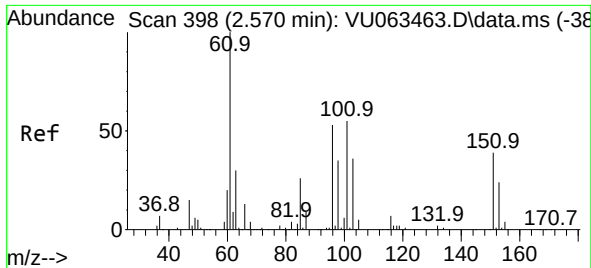
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#8
Diethyl Ether
Concen: 3.050 ug/l
RT: 2.371 min Scan# 336
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 74 Resp: 2305
Ion Ratio Lower Upper
74 100
45 101.1 49.7 149.1





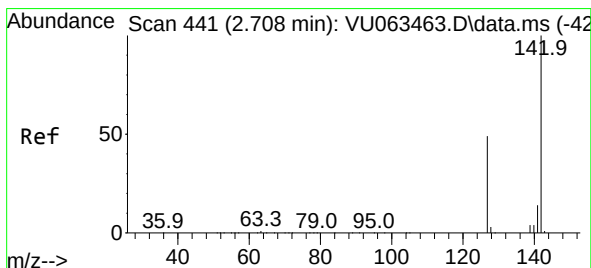
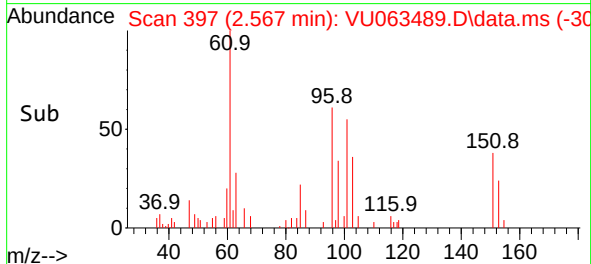
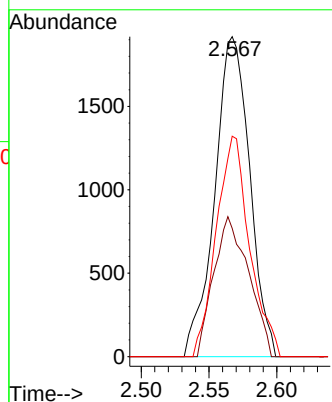
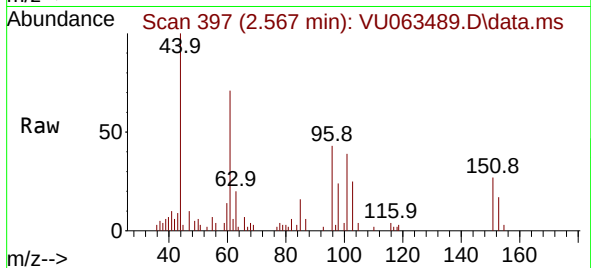
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.211 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 344
Ion Ratio Lower Upper
101 100
85 43.7 39.6 59.4
151 65.6 57.2 85.8

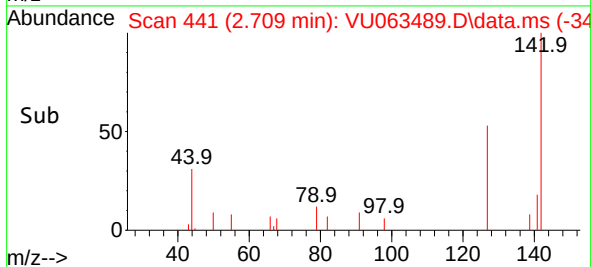
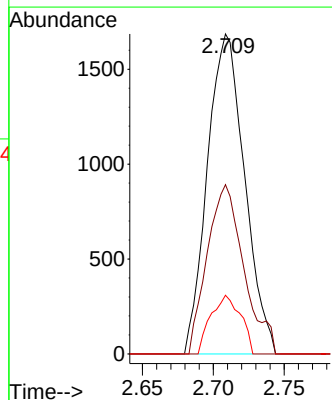
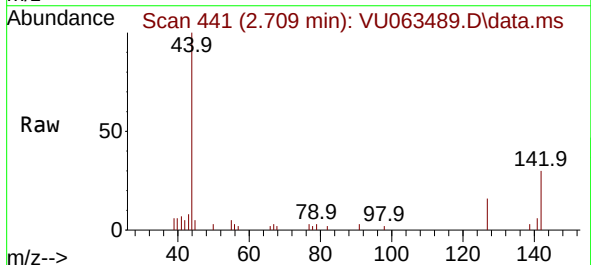
Manual Integrations
APPROVED

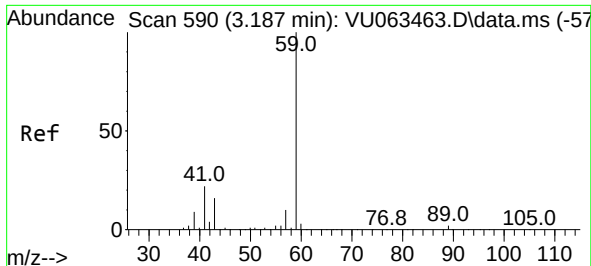
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#10
Methyl Iodide
Concen: 2.748 ug/l
RT: 2.709 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

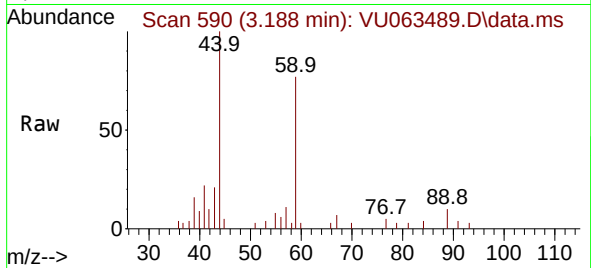
Tgt Ion:142 Resp: 3078
Ion Ratio Lower Upper
142 100
127 51.9 38.2 57.4
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 18.460 ug/l
RT: 3.188 min Scan# 590
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

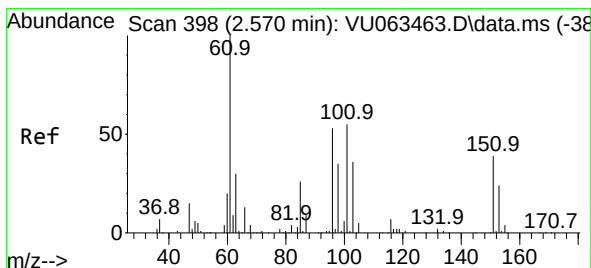
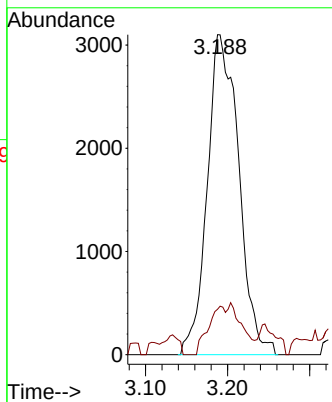
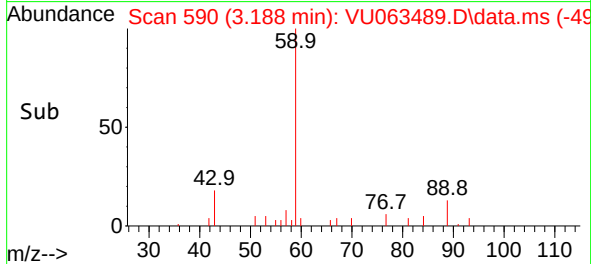
Instrument :
MSVOA_U
ClientSampleId :
MDL05



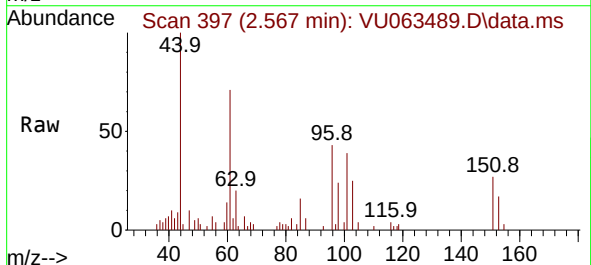
Tgt Ion: 59 Resp: 826
Ion Ratio Lower Upper
59 100
57 8.3 8.8 13.2

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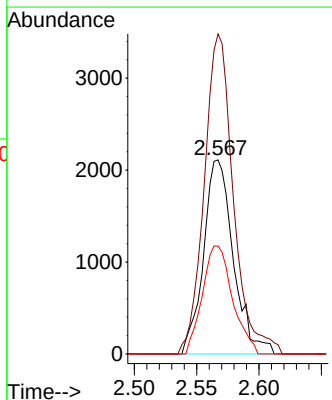
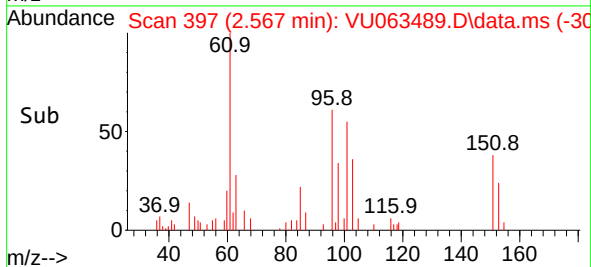
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

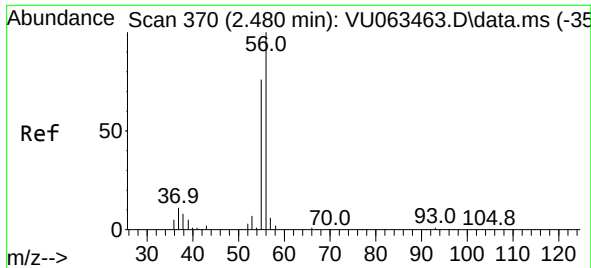


#12
1,1-Dichloroethene
Concen: 3.524 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



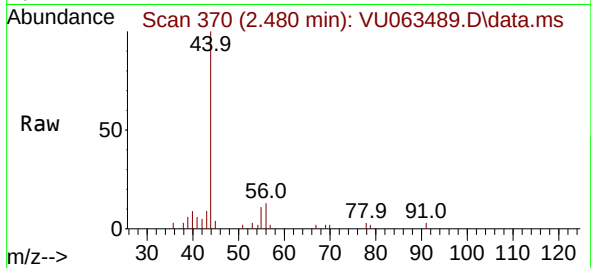
Tgt Ion: 96 Resp: 3518
Ion Ratio Lower Upper
96 100
61 164.9 149.6 224.4
98 55.6 52.0 78.0





#13
Acrolein
Concen: 15.147 ug/l
RT: 2.480 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

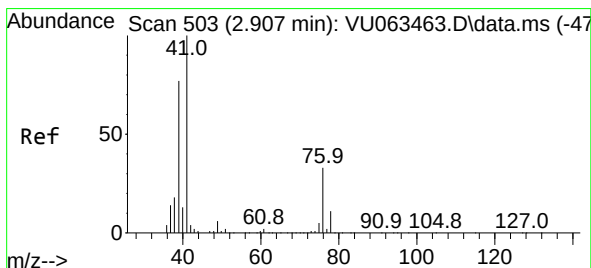
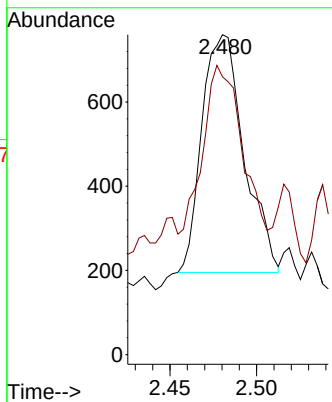
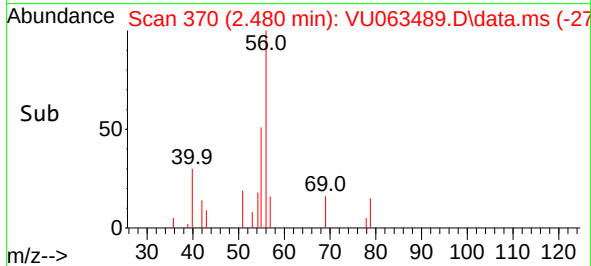
Instrument :
MSVOA_U
ClientSampleId :
MDL05



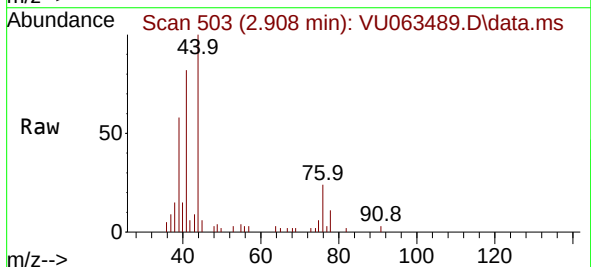
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 69.0 60.2 90.2

Manual Integrations
APPROVED

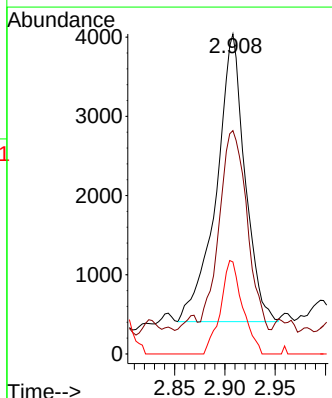
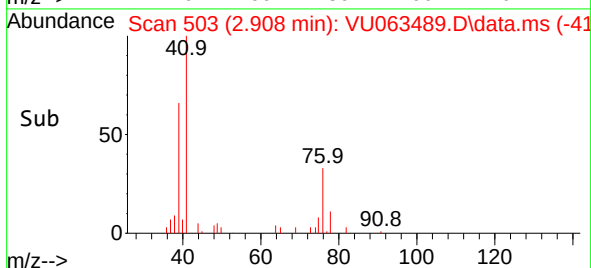
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

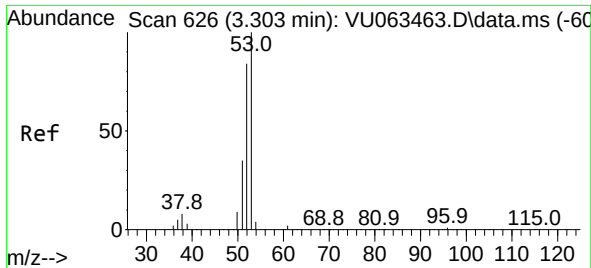


#14
Allyl chloride
Concen: 3.014 ug/l
RT: 2.908 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



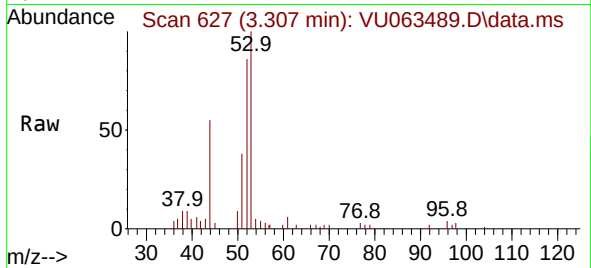
Tgt Ion: 41 Resp: 7163
Ion Ratio Lower Upper
41 100
39 70.1 53.9 80.9
76 24.9 23.1 34.7





#15
Acrylonitrile
Concen: 15.876 ug/l
RT: 3.307 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

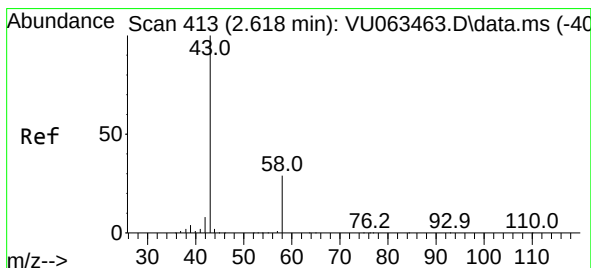
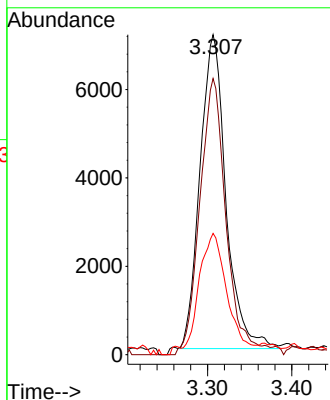
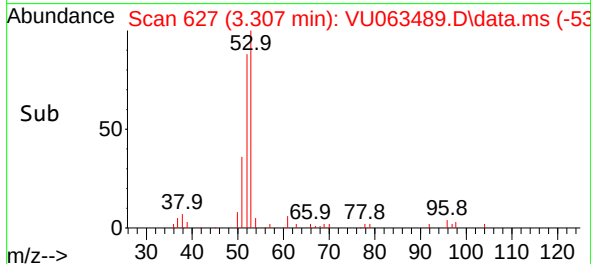
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 53 Resp: 1522
Ion Ratio Lower Upper
53 100
52 89.6 65.0 97.4
51 38.9 28.8 43.2

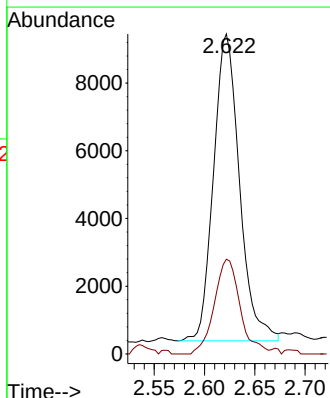
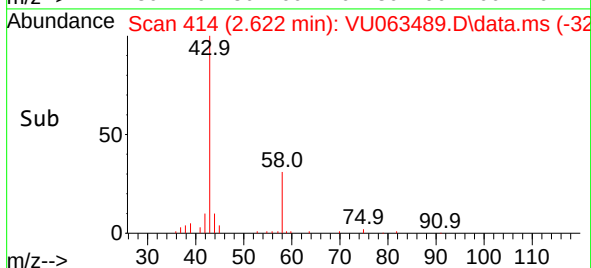
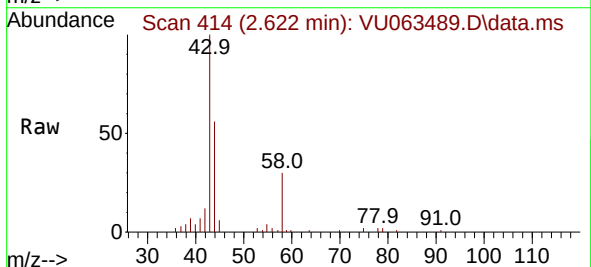
Manual Integrations
APPROVED

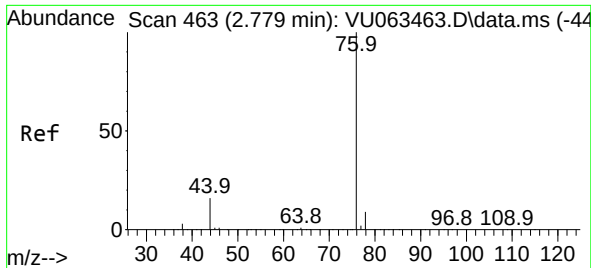
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#16
Acetone
Concen: 14.530 ug/l
RT: 2.622 min Scan# 414
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

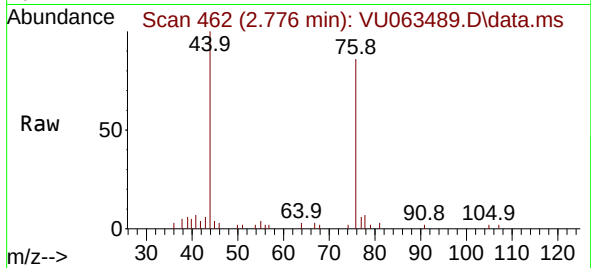
Tgt Ion: 43 Resp: 16273
Ion Ratio Lower Upper
43 100
58 30.8 23.1 34.7





#17
Carbon Disulfide
Concen: 3.816 ug/l
RT: 2.776 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

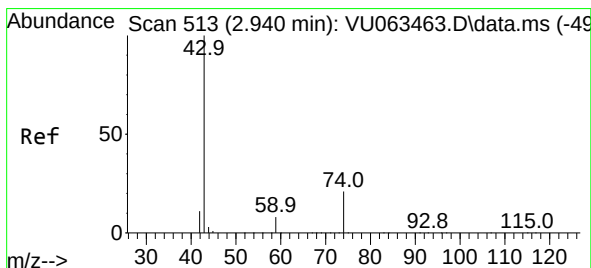
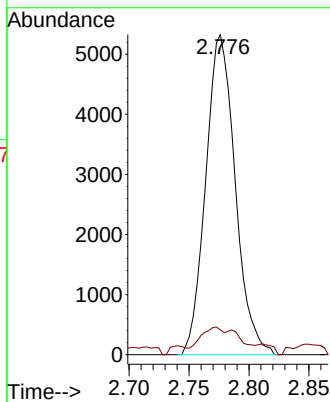
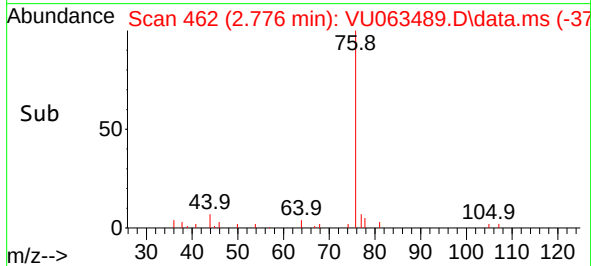
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 76 Resp: 910
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3

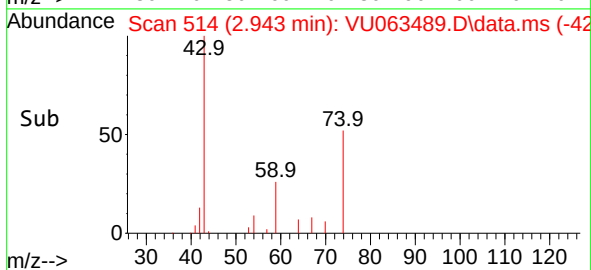
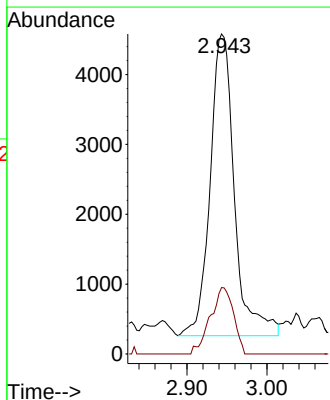
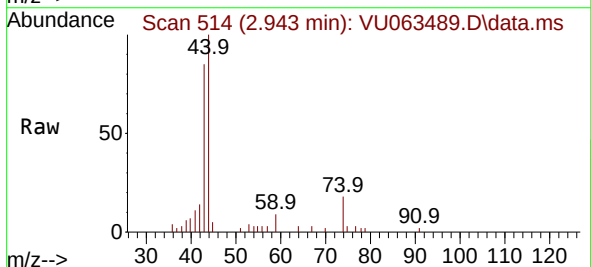
Manual Integrations
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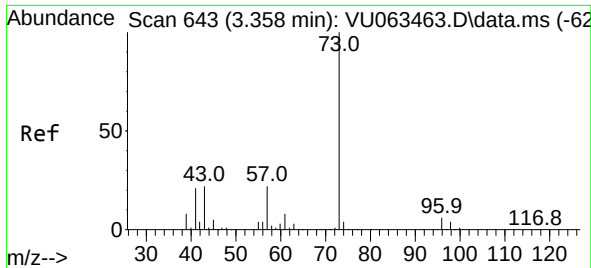
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#18
Methyl Acetate
Concen: 3.166 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 43 Resp: 9125
Ion Ratio Lower Upper
43 100
74 20.9 17.3 25.9





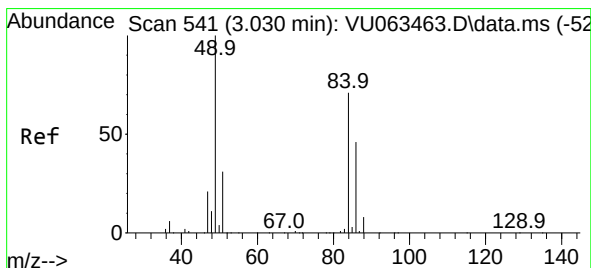
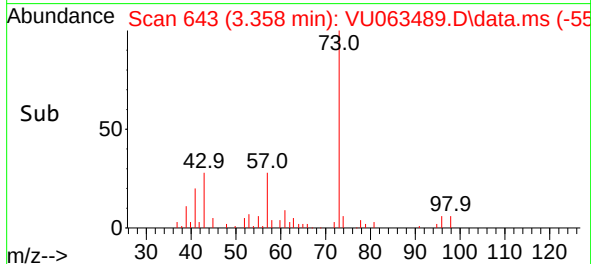
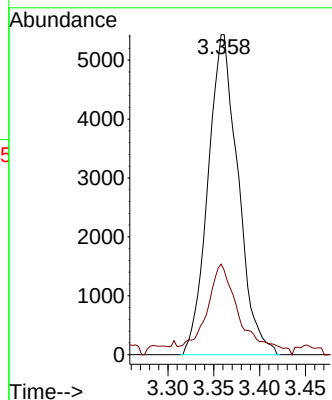
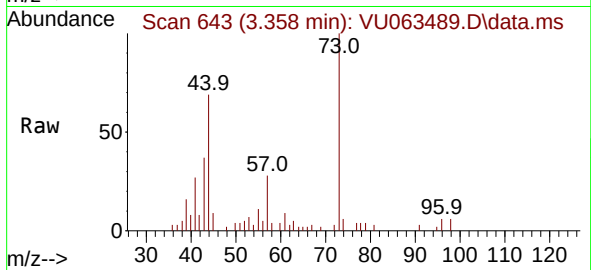
#19
Methyl tert-butyl Ether
Concen: 2.880 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 1239
Ion Ratio Lower Upper
73 100
57 25.9 17.8 26.6

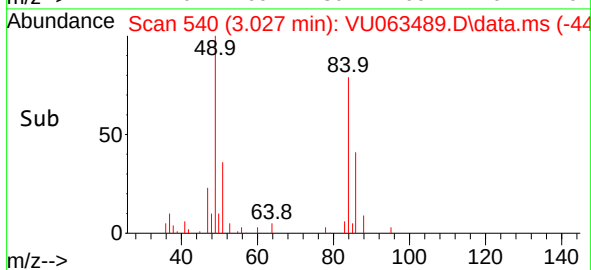
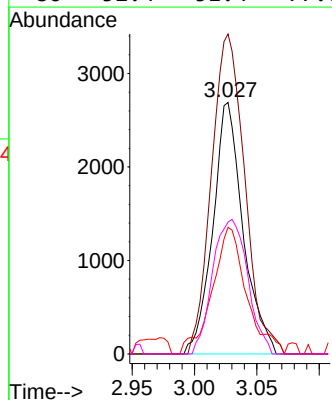
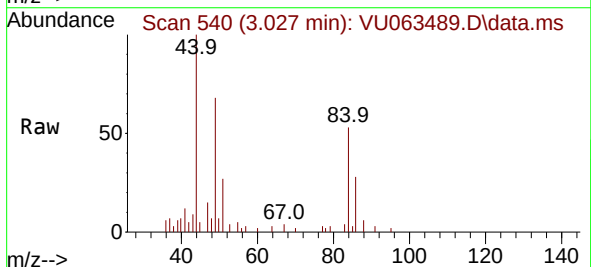
Manual Integrations
APPROVED

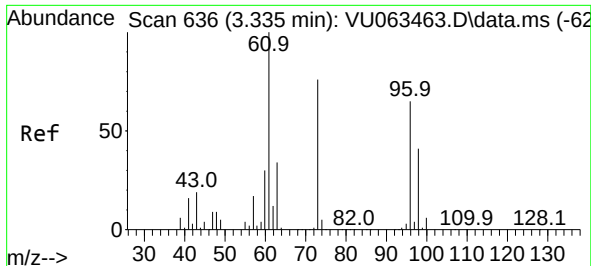
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#20
Methylene Chloride
Concen: 2.778 ug/l
RT: 3.027 min Scan# 540
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

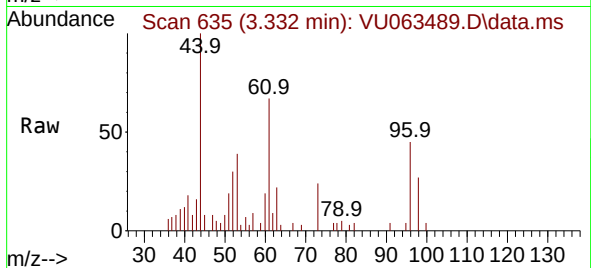
Tgt Ion: 84 Resp: 4537
Ion Ratio Lower Upper
84 100
49 127.2 112.1 168.1
51 50.3 34.4 51.6
86 52.4 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 3.448 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

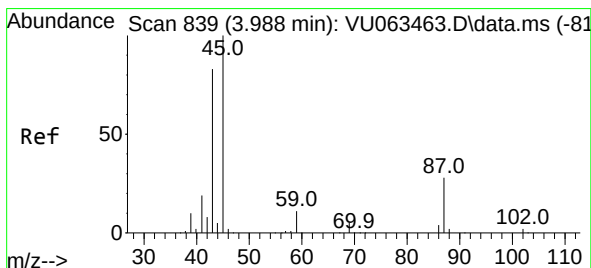
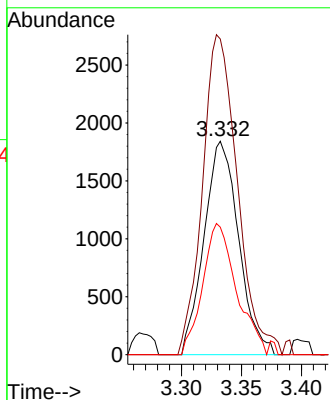
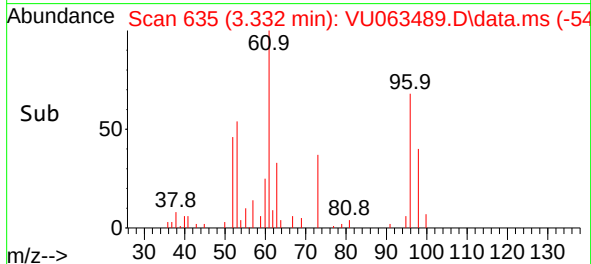
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 96 Resp: 3698
Ion Ratio Lower Upper
96 100
61 147.9 122.2 183.4
98 59.8 49.9 74.9

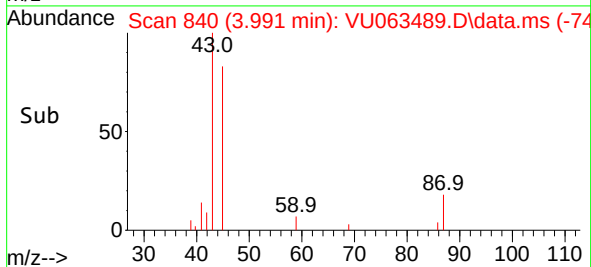
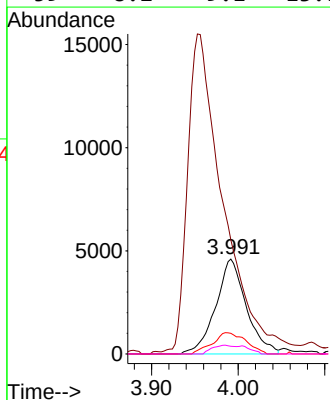
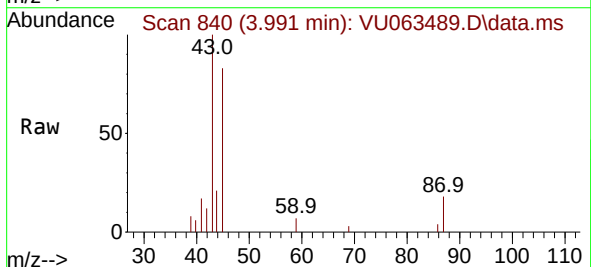
Manual Integrations
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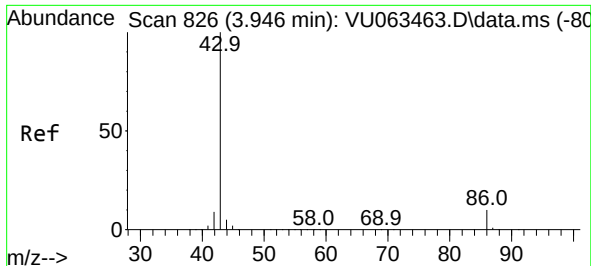
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#22
Diisopropyl ether
Concen: 2.793 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 45 Resp: 11300
Ion Ratio Lower Upper
45 100
43 103.5 66.5 99.7#
87 21.7 22.6 33.8#
59 8.2 9.1 13.7#





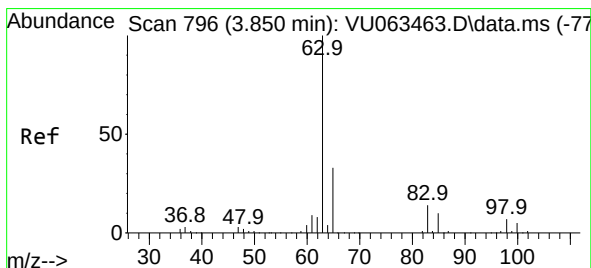
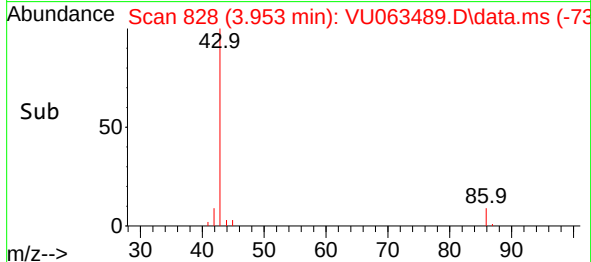
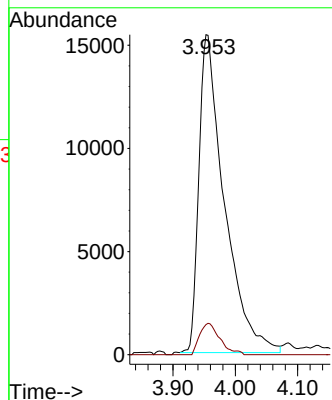
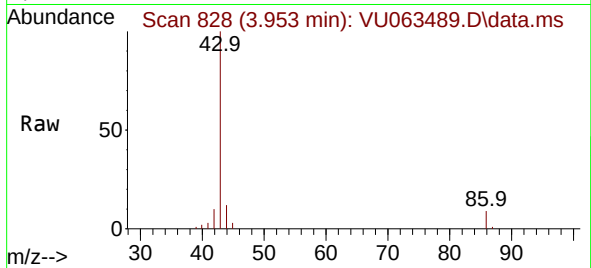
#23
 Vinyl Acetate
 Concen: 13.908 ug/l
 RT: 3.953 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion: 43 Resp: 4366
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2

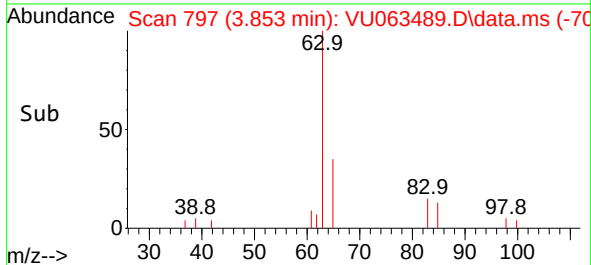
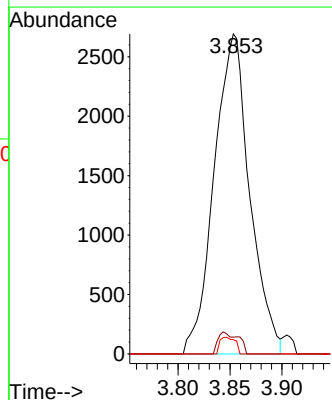
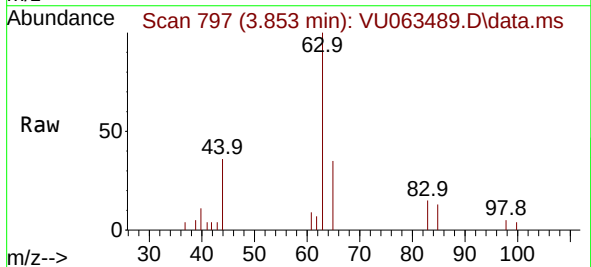
Manual Integrations
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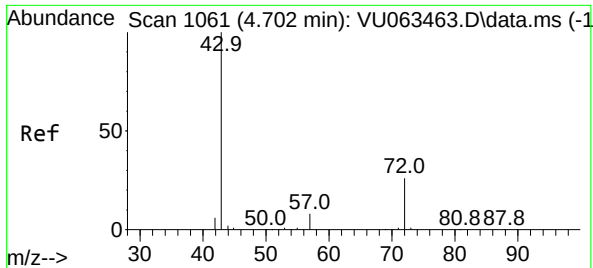
Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025



#24
 1,1-Dichloroethane
 Concen: 2.789 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.004 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion: 63 Resp: 6404
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.6 10.9
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 13.437 ug/l

RT: 4.721 min Scan# 1067

Delta R.T. 0.020 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 1689

Ion Ratio Lower Upper

43 100

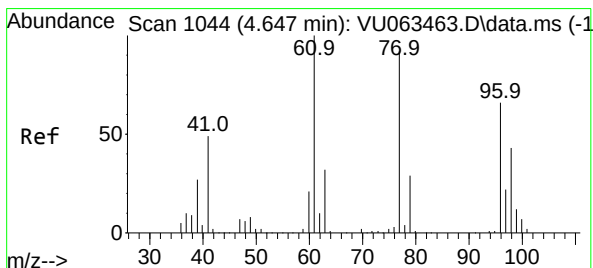
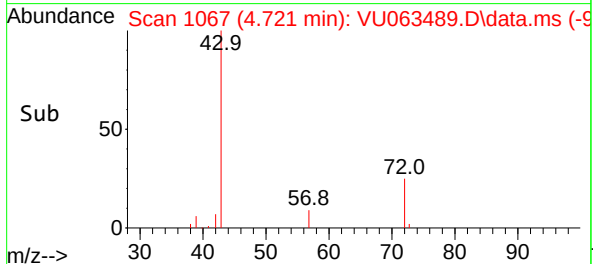
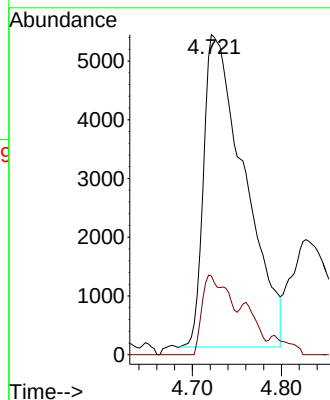
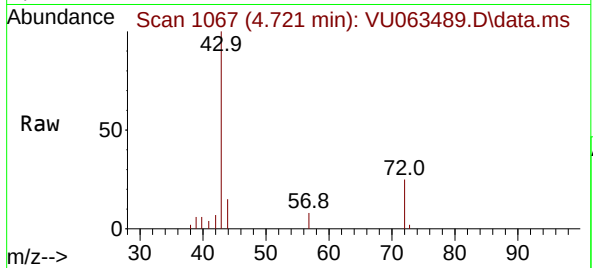
72 25.2 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#26

2,2-Dichloropropane

Concen: 2.395 ug/l

RT: 4.651 min Scan# 1045

Delta R.T. 0.004 min

Lab File: VU063489.D

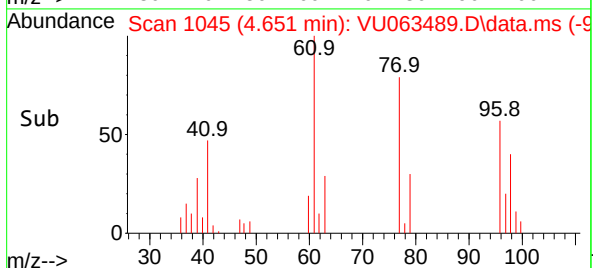
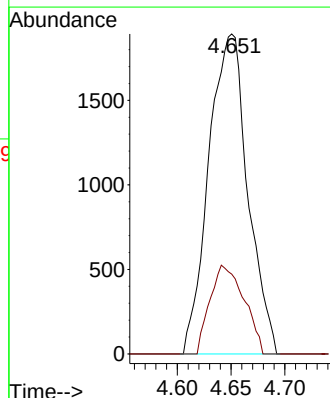
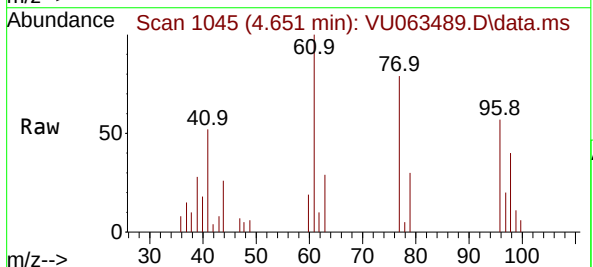
Acq: 11 Jul 2025 11:39

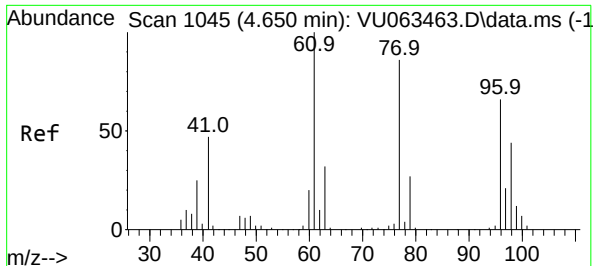
Tgt Ion: 77 Resp: 4784

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3





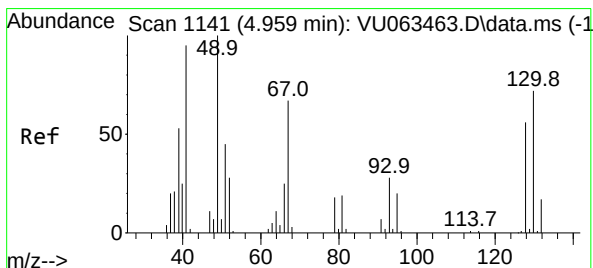
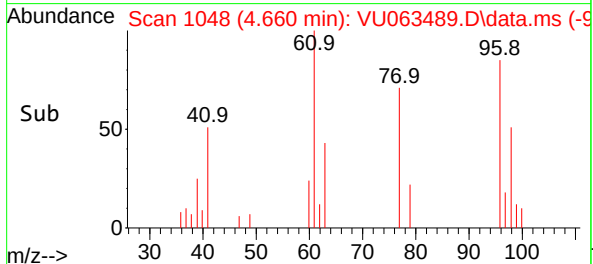
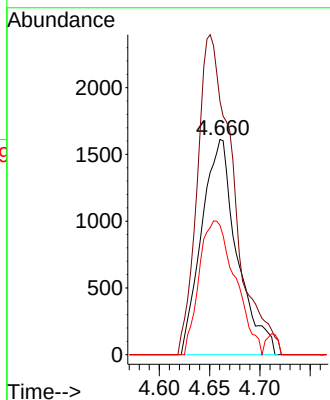
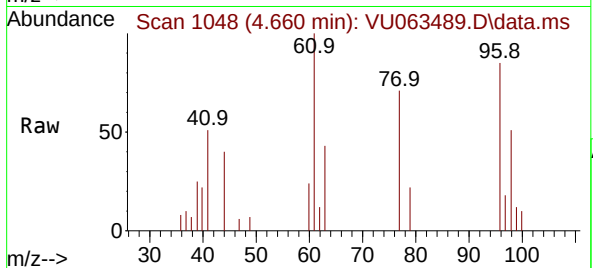
#27
cis-1,2-Dichloroethene
Concen: 2.784 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 96 Resp: 394
Ion Ratio Lower Upper
96 100
61 151.3 0.0 307.2
98 63.3 0.0 133.0

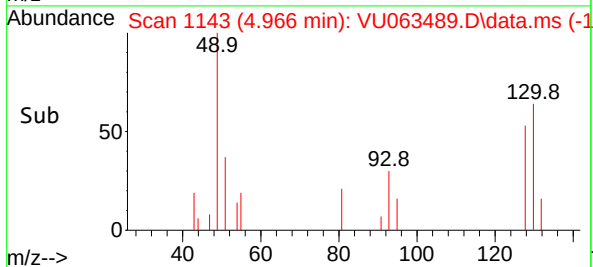
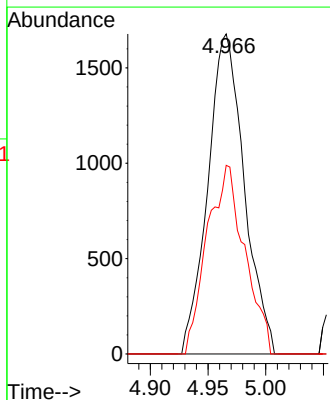
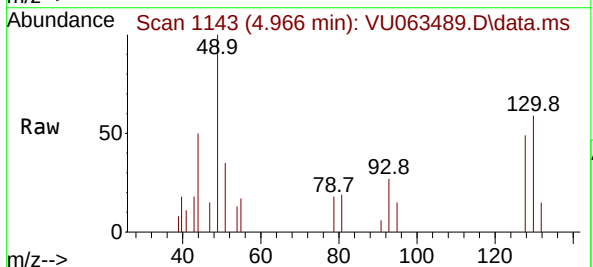
Manual Integrations
APPROVED

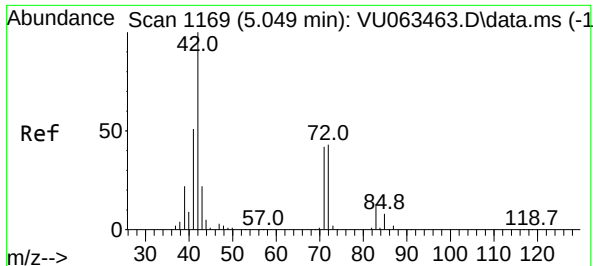
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#28
Bromochloromethane
Concen: 3.412 ug/l
RT: 4.966 min Scan# 1143
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 49 Resp: 3681
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 60.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 16.455 ug/l

RT: 5.059 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

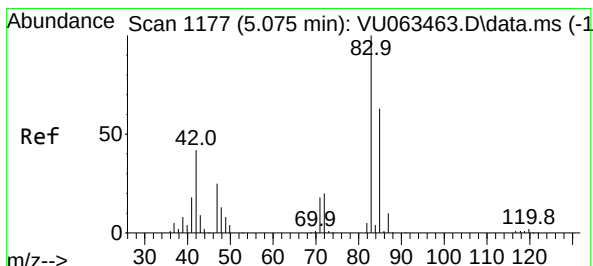
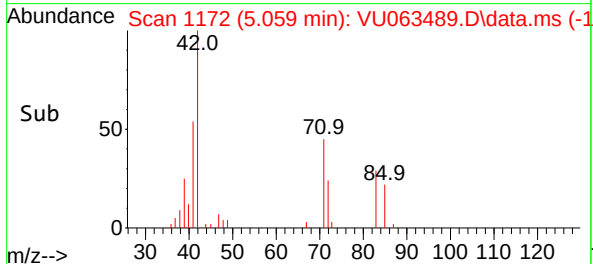
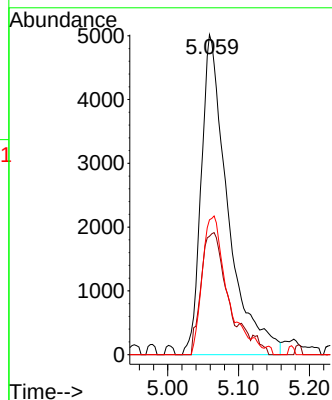
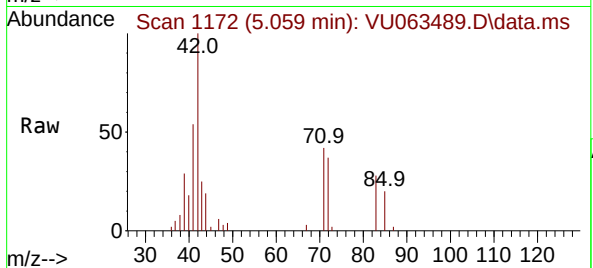
MDL05

Tgt Ion: 42	Resp: 13050
Ion Ratio	Lower Upper
42	100
72	34.8 36.2 54.4
71	41.4 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#30

Chloroform

Concen: 2.721 ug/l

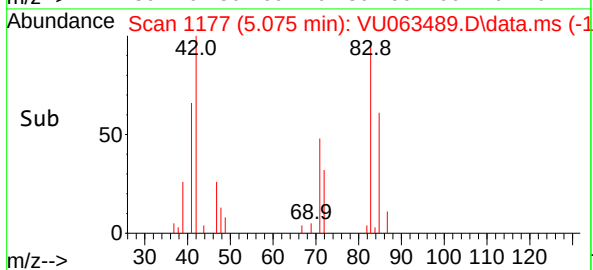
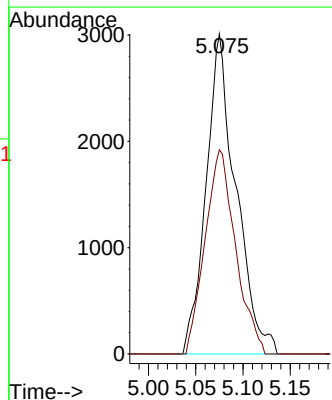
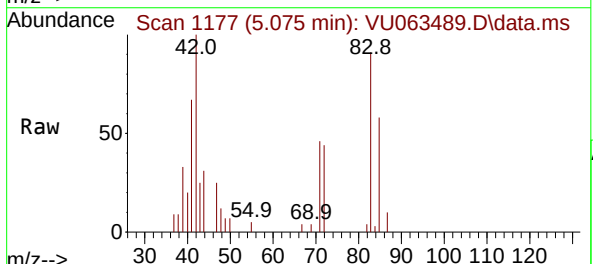
RT: 5.075 min Scan# 1177

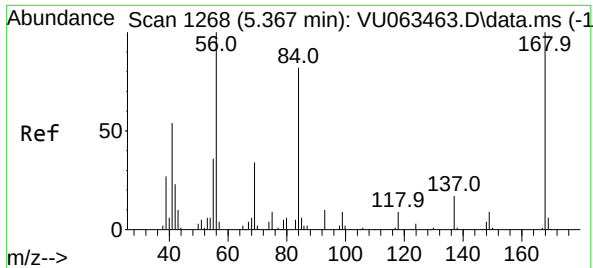
Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

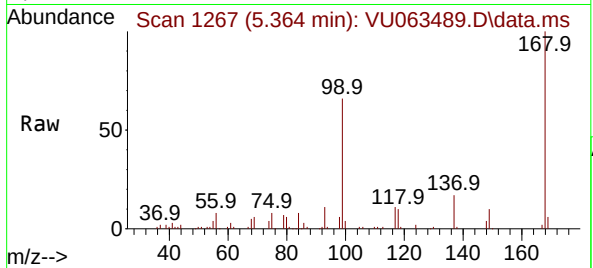
Tgt Ion: 83	Resp: 6598
Ion Ratio	Lower Upper
83	100
85	63.8 50.7 76.1





#31
Cyclohexane
Concen: 4.430 ug/l
RT: 5.364 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

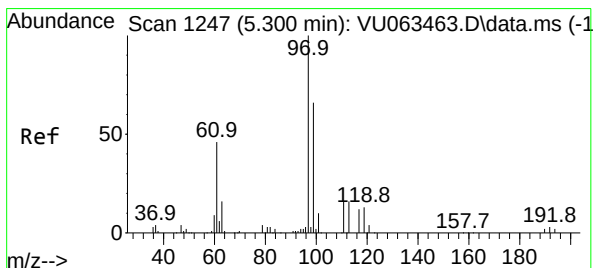
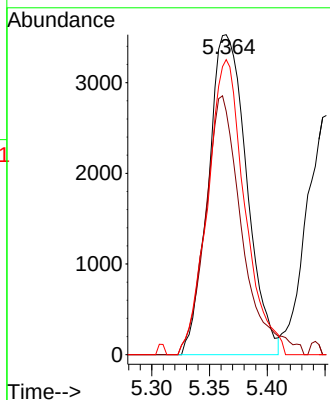
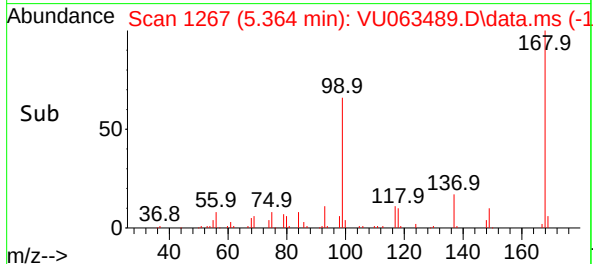
Instrument : MSVOA_U
ClientSampleId : MDL05



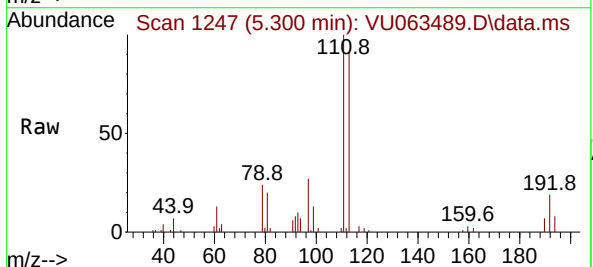
Tgt Ion: 56 Resp: 8178
Ion Ratio Lower Upper
56 100
69 76.1 27.0 40.4
84 92.2 65.7 98.5

Manual Integrations
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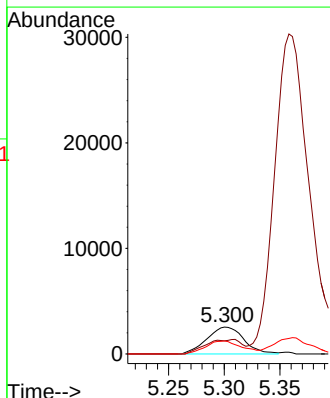
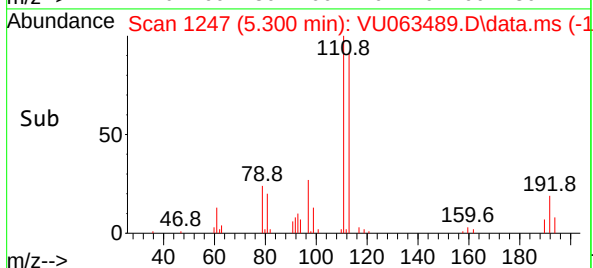
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

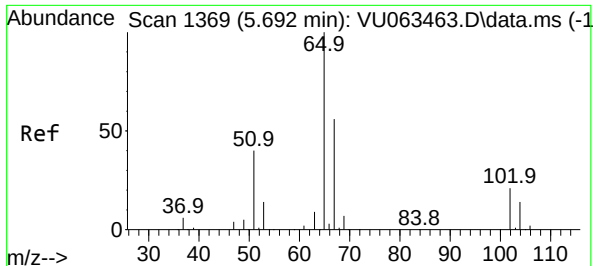


#32
1,1,1-Trichloroethane
Concen: 2.856 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



Tgt Ion: 97 Resp: 5895
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6
61 47.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.637 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 65 Resp: 75614

Ion Ratio Lower Upper

65 100

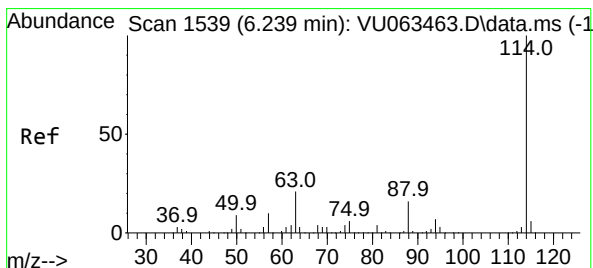
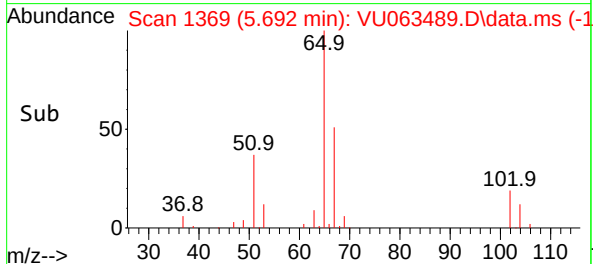
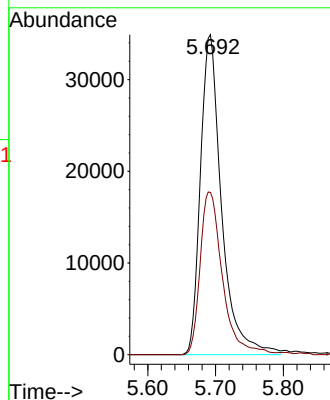
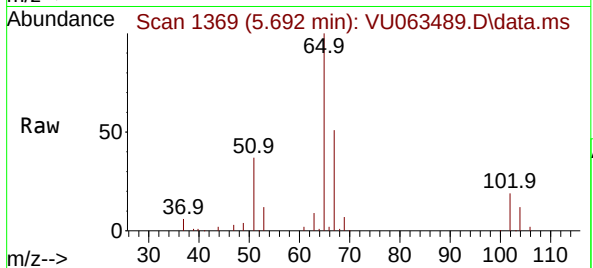
67 53.6 0.0 107.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

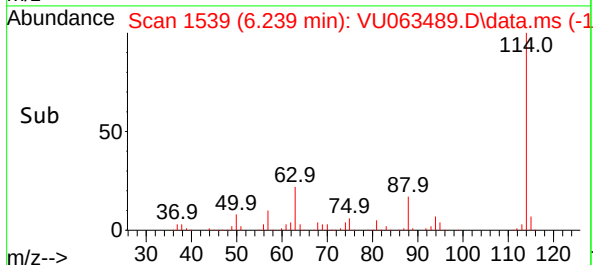
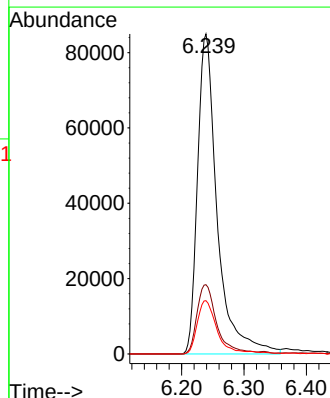
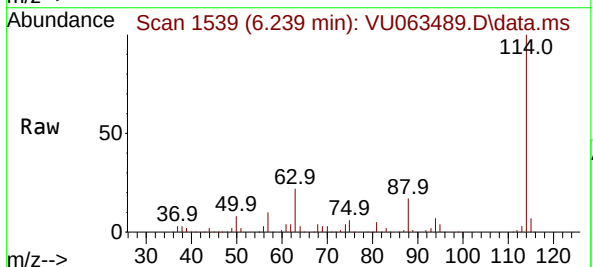
Tgt Ion:114 Resp: 186461

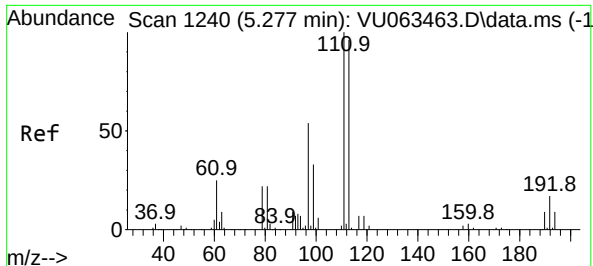
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.6

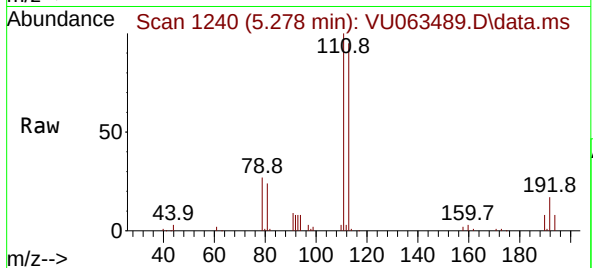
88 16.7 0.0 32.0





#35
Dibromofluoromethane
Concen: 51.995 ug/l
RT: 5.278 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

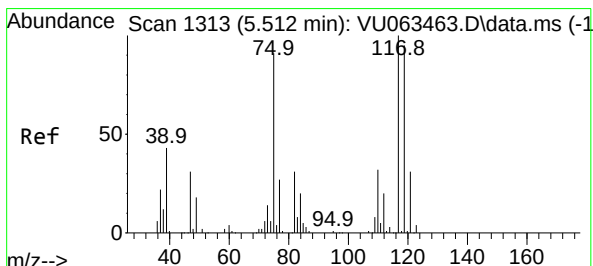
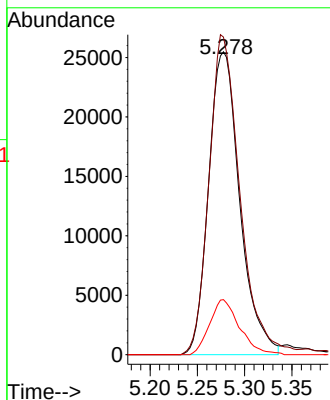
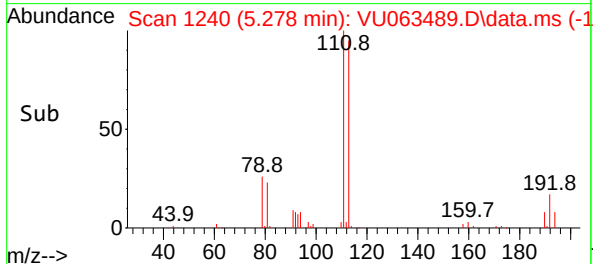
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 113 Resp: 58440
Ion Ratio Lower Upper
113 100
111 104.7 82.1 123.1
192 17.4 14.3 21.5

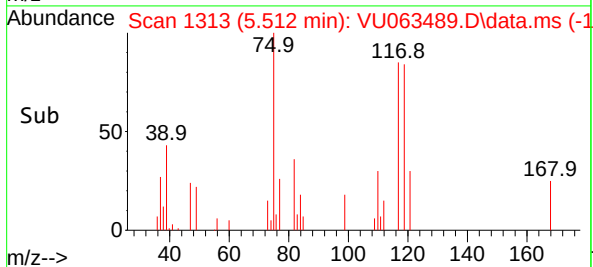
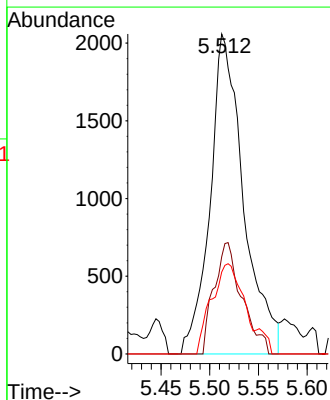
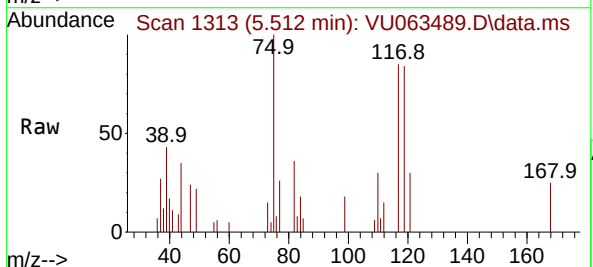
Manual Integrations
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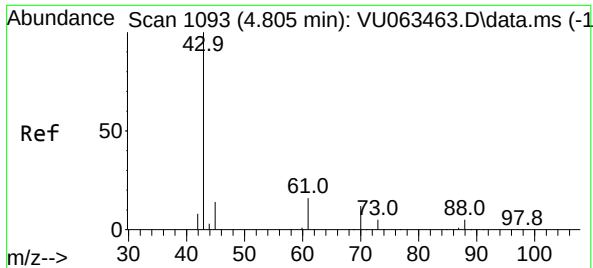
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#36
1,1-Dichloropropene
Concen: 3.218 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 75 Resp: 4914
Ion Ratio Lower Upper
75 100
110 29.0 17.3 52.0
77 29.0 23.9 35.9





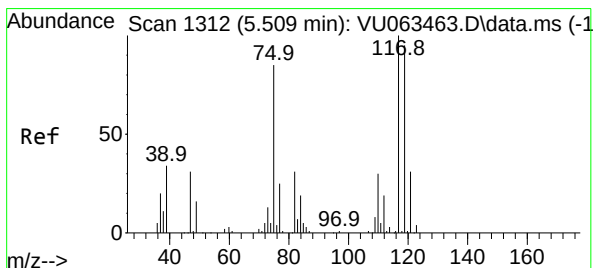
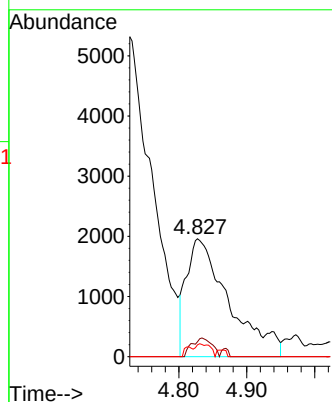
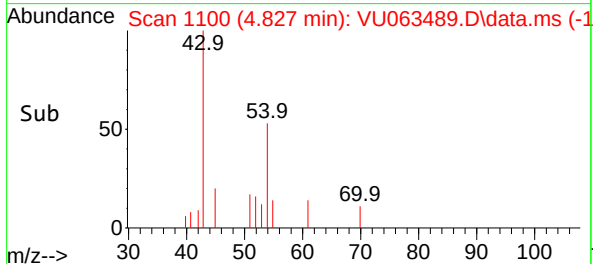
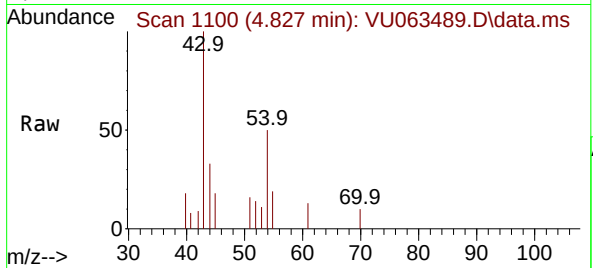
#37
Ethyl Acetate
Concen: 3.449 ug/l m
RT: 4.827 min Scan# 1100
Delta R.T. 0.023 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 8530
Ion Ratio Lower Upper
43 100
61 7.4 10.4 15.6
70 3.6 7.8 11.8

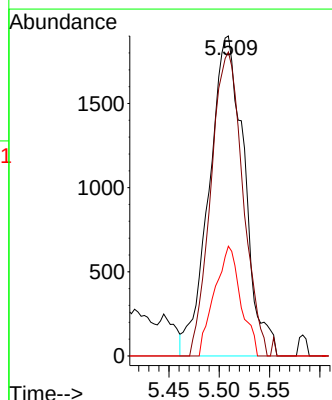
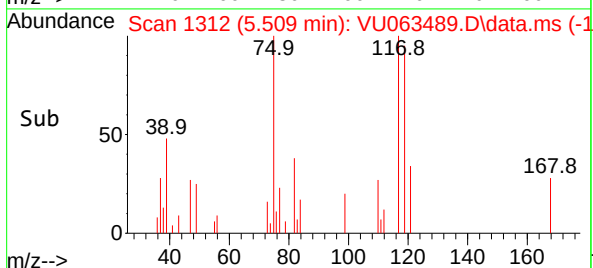
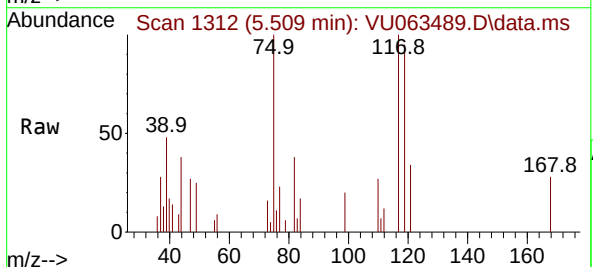
Manual Integrations
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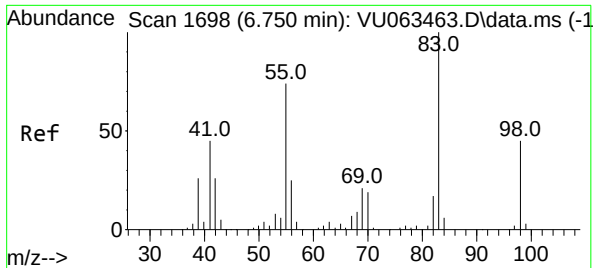
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#38
Carbon Tetrachloride
Concen: 2.748 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:117 Resp: 4624
Ion Ratio Lower Upper
117 100
119 95.0 76.1 114.1
121 34.3 25.0 37.4





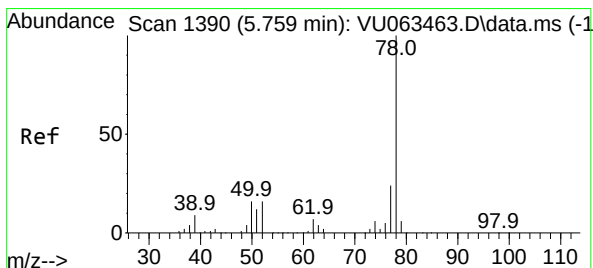
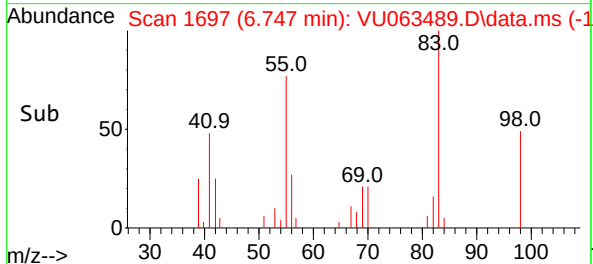
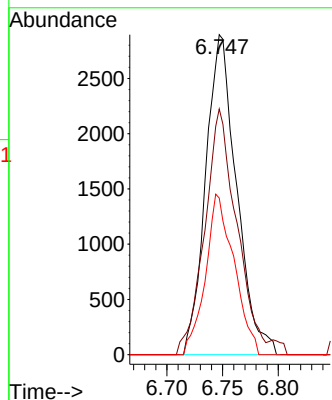
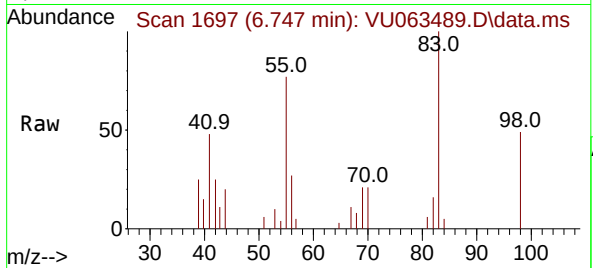
#39
Methylcyclohexane
Concen: 3.026 ug/l
RT: 6.747 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 5584
Ion Ratio Lower Upper
83 100
55 73.1 59.4 89.2
98 48.9 36.2 54.4

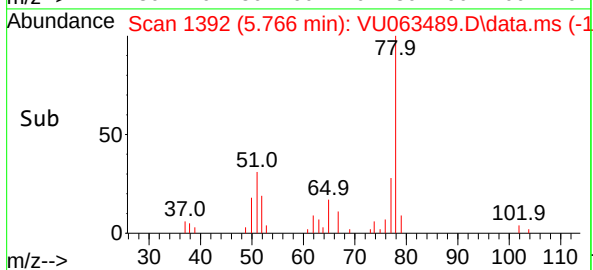
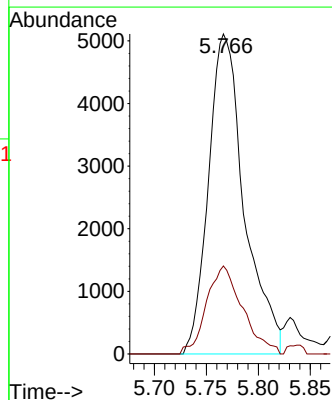
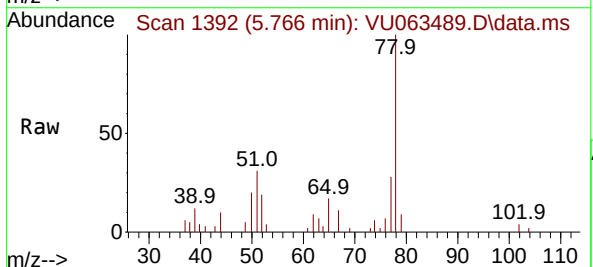
Manual Integrations
APPROVED

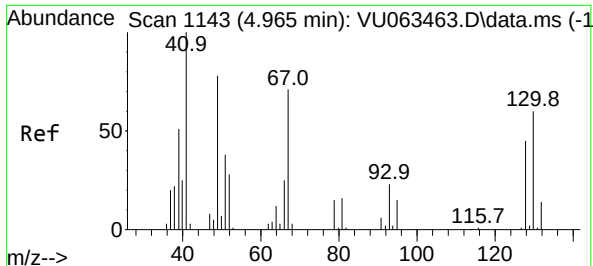
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#40
Benzene
Concen: 2.565 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

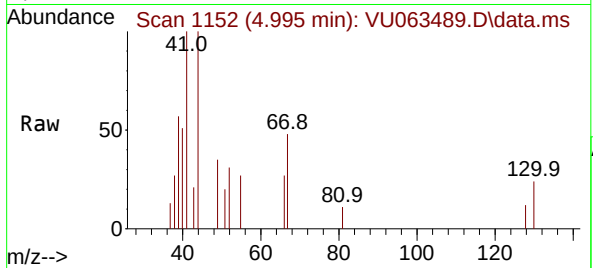
Tgt Ion: 78 Resp: 12235
Ion Ratio Lower Upper
78 100
77 27.5 19.0 28.4





#41
Methacrylonitrile
Concen: 2.736 ug/l m
RT: 4.995 min Scan# 1152
Delta R.T. 0.029 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

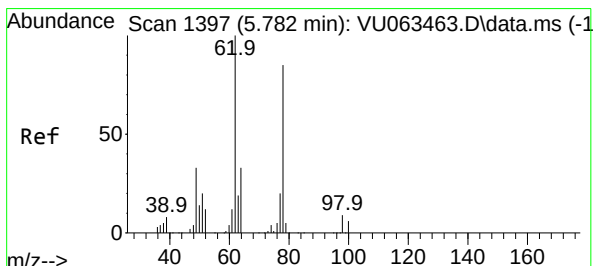
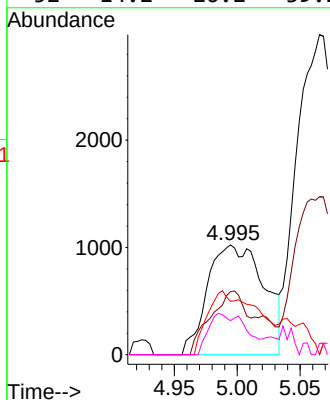
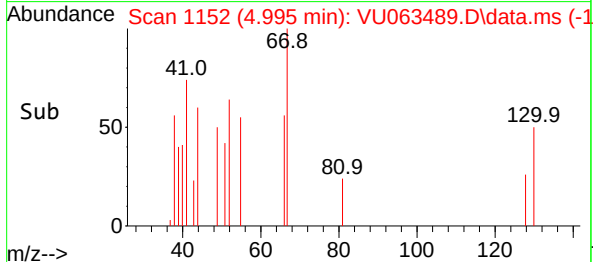
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 41 Resp: 319
Ion Ratio Lower Upper
41 100
39 36.3 43.6 65.4
67 51.2 62.8 94.2
52 14.2 26.2 39.2

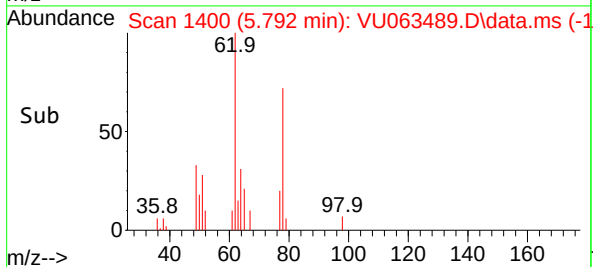
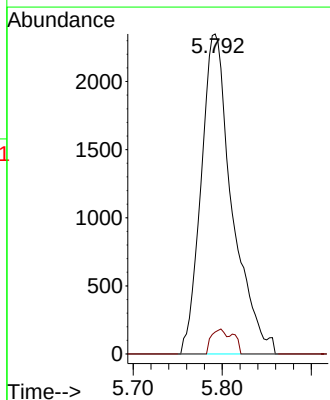
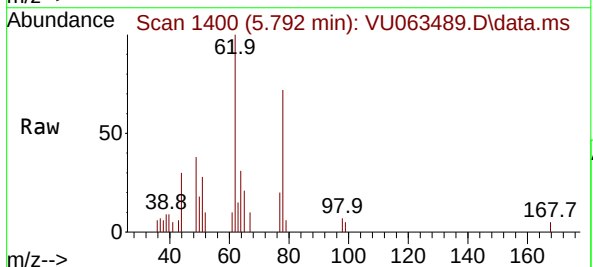
Manual Integrations
APPROVED

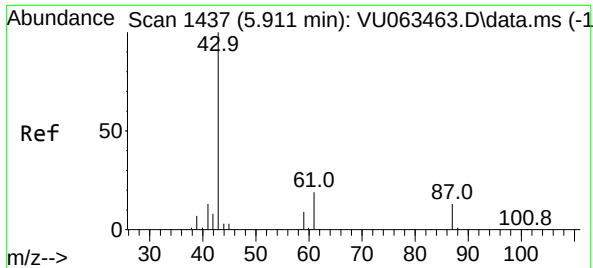
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#42
1,2-Dichloroethane
Concen: 3.165 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 62 Resp: 5676
Ion Ratio Lower Upper
62 100
98 4.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 2.651 ug/l

RT: 5.924 min Scan# 1441

Delta R.T. 0.013 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

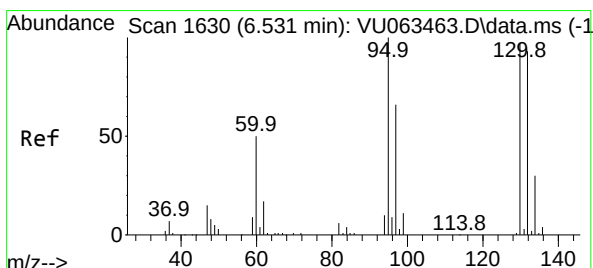
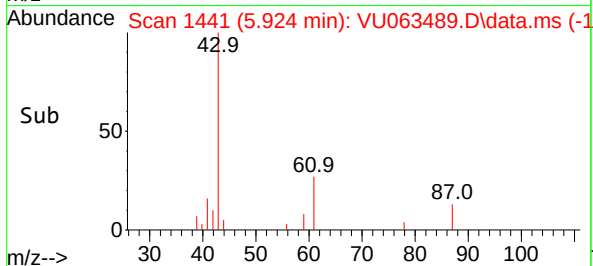
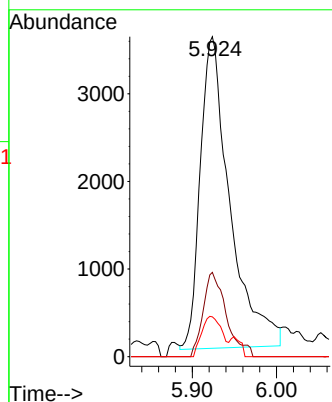
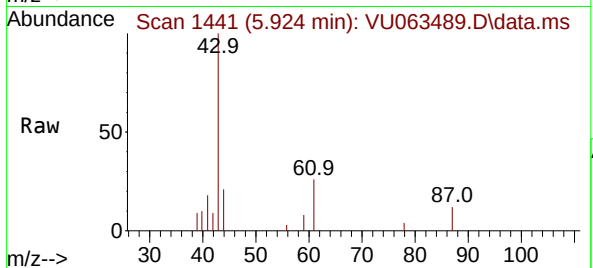
Tgt Ion: 43 Resp: 8709

Ion	Ratio	Lower	Upper
43	100		
61	21.1	15.4	23.2
87	8.9	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#44

Trichloroethene

Concen: 2.690 ug/l

RT: 6.535 min Scan# 1631

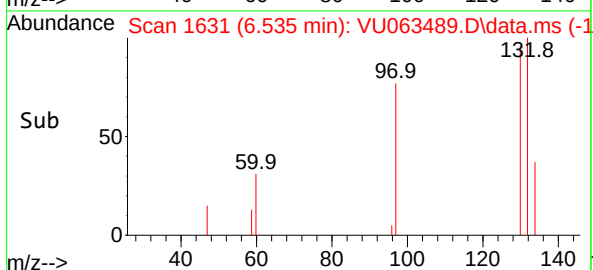
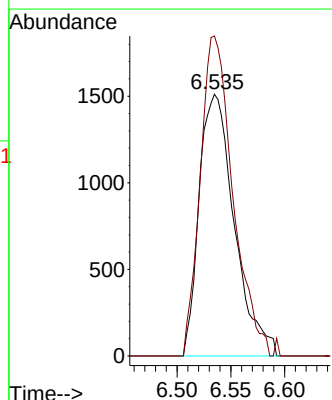
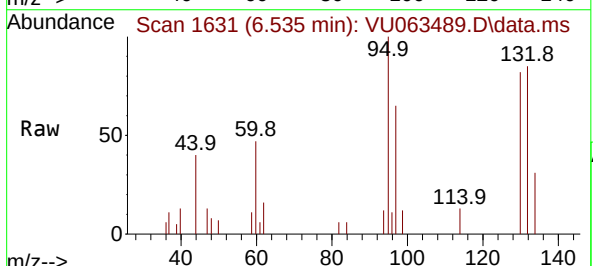
Delta R.T. 0.004 min

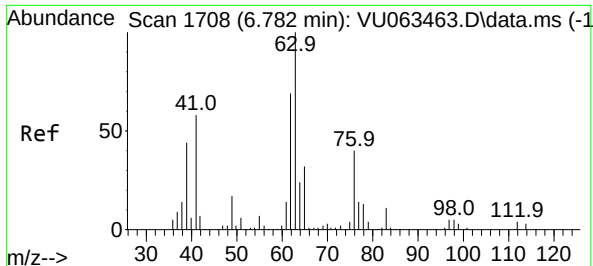
Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Tgt Ion:130 Resp: 3434

Ion	Ratio	Lower	Upper
130	100		
95	122.2	0.0	206.4





#45

1,2-Dichloropropane

Concen: 2.761 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 366

Ion Ratio Lower Upper

63 100

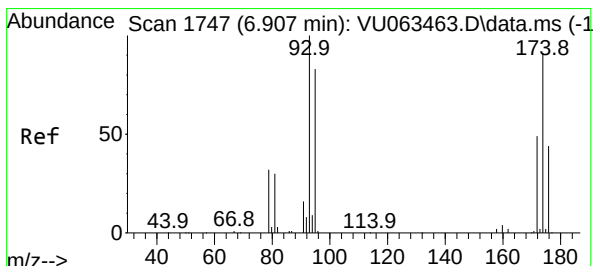
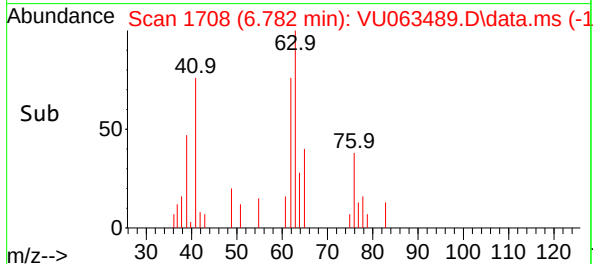
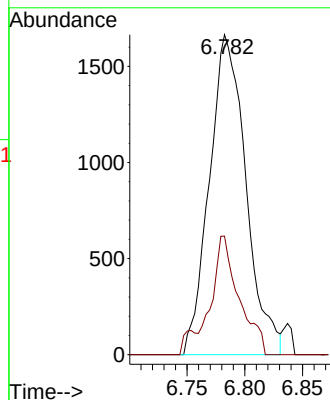
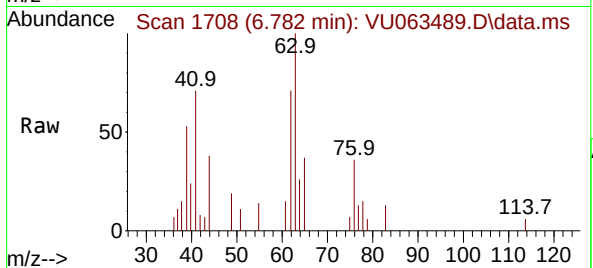
65 37.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#46

Dibromomethane

Concen: 2.837 ug/l

RT: 6.911 min Scan# 1748

Delta R.T. 0.004 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

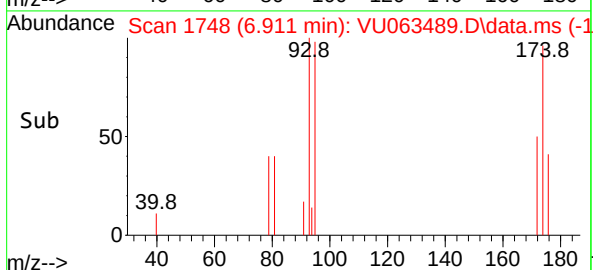
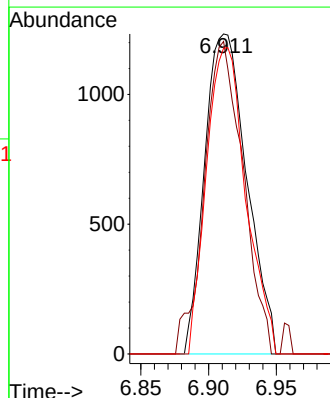
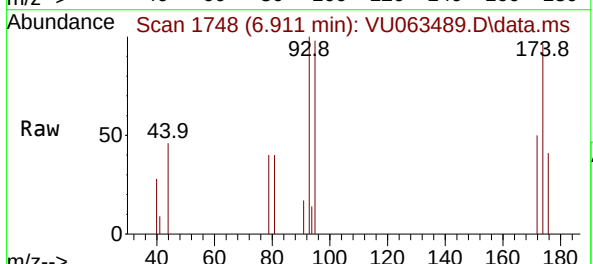
Tgt Ion: 93 Resp: 2676

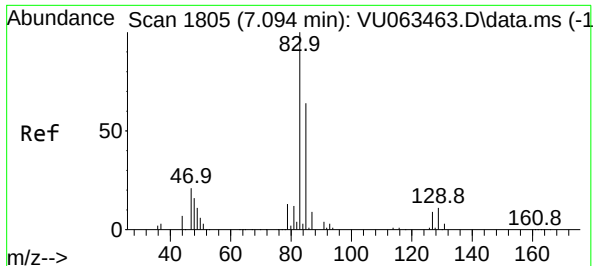
Ion Ratio Lower Upper

93 100

95 89.3 67.5 101.3

174 89.3 73.1 109.7





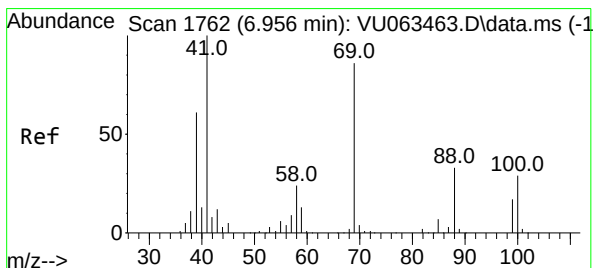
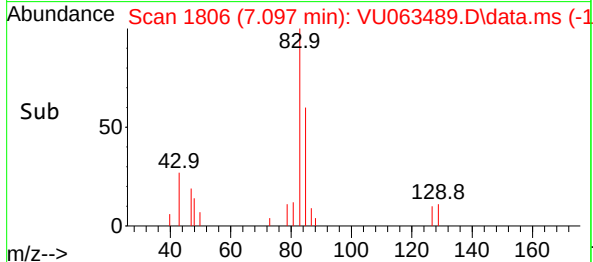
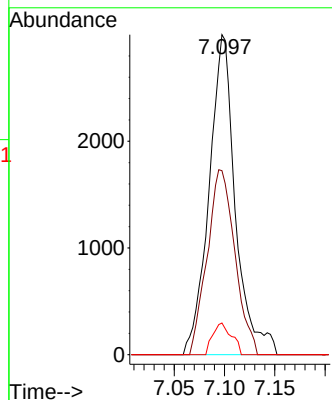
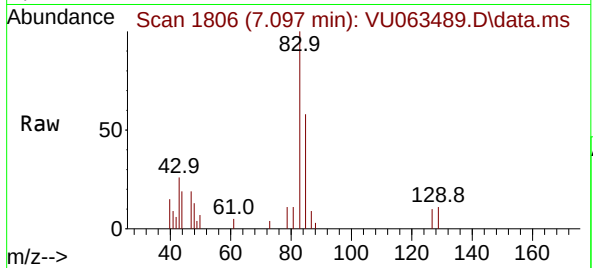
#47
Bromodichloromethane
Concen: 2.784 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 546
Ion Ratio Lower Upper
83 100
85 57.5 51.4 77.0
127 9.9 7.0 10.4

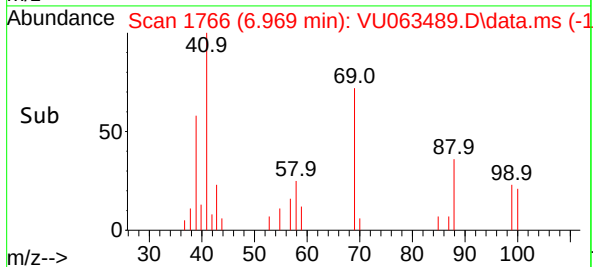
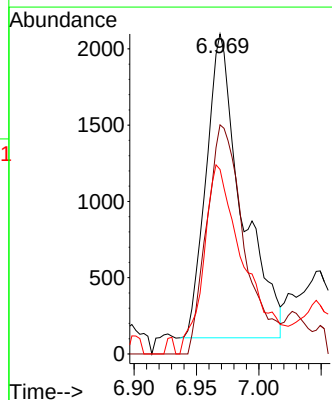
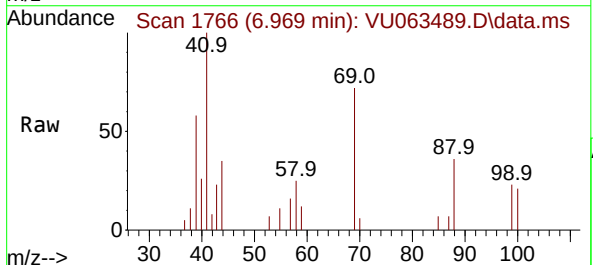
Manual Integrations
APPROVED

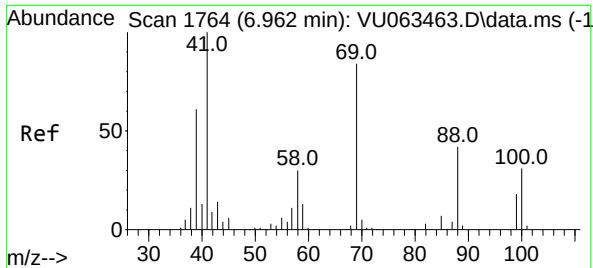
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#48
Methyl methacrylate
Concen: 2.595 ug/l
RT: 6.969 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 41 Resp: 3940
Ion Ratio Lower Upper
41 100
69 80.3 69.8 104.8
39 71.8 48.3 72.5





#49

1,4-Dioxane

Concen: 61.286 ug/l

RT: 6.969 min Scan# 1766

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

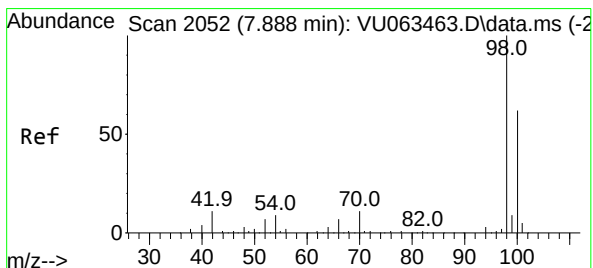
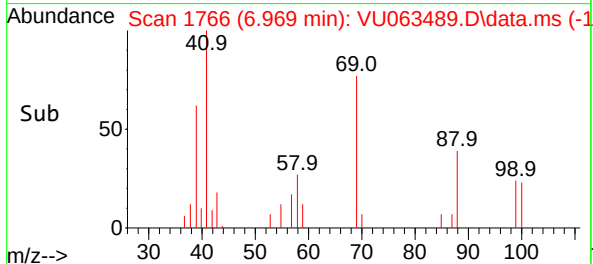
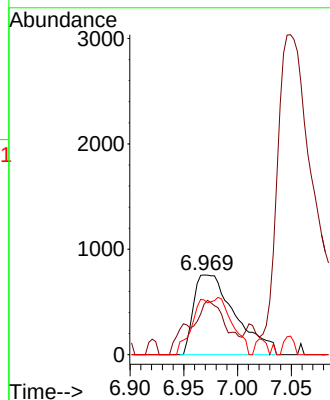
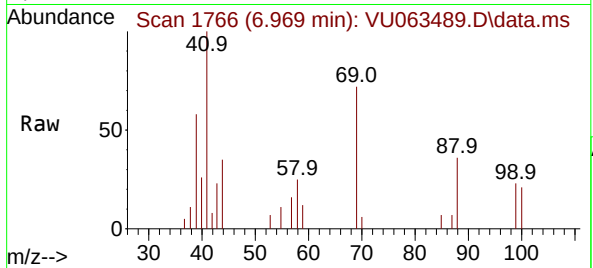
MDL05

Tgt Ion:	88	Resp:	204
Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.6	38.4
58	28.0	55.0	82.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#50

Toluene-d8

Concen: 50.739 ug/l

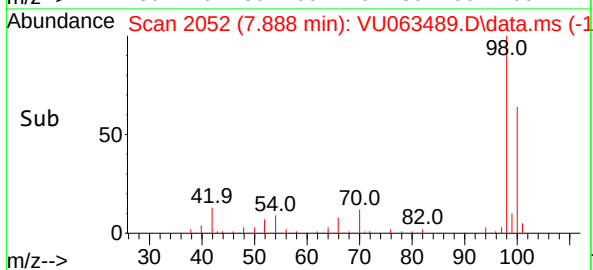
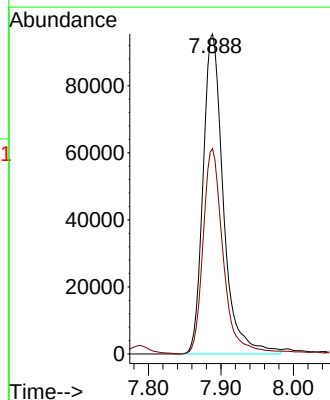
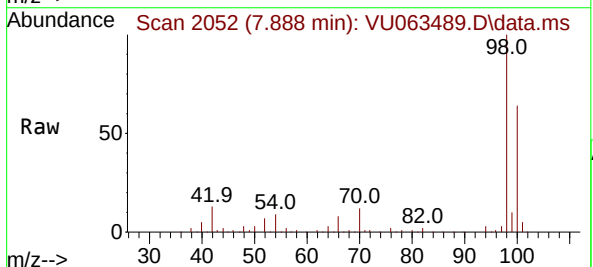
RT: 7.888 min Scan# 2052

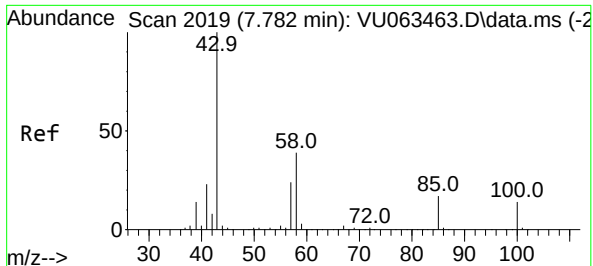
Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Tgt Ion:	98	Resp:	185894
Ion	Ratio	Lower	Upper
98	100		
100	64.2	48.1	72.1





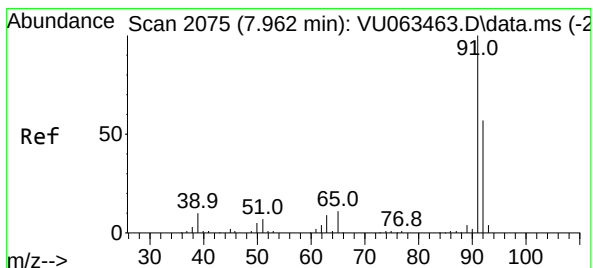
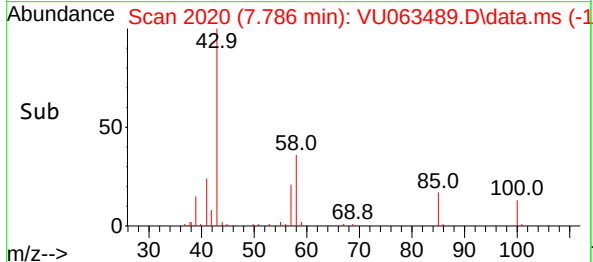
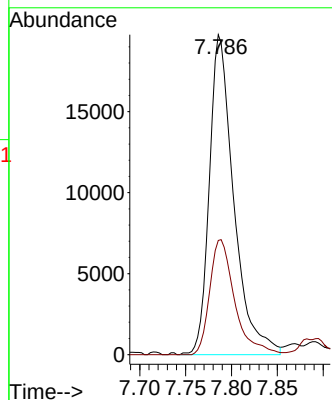
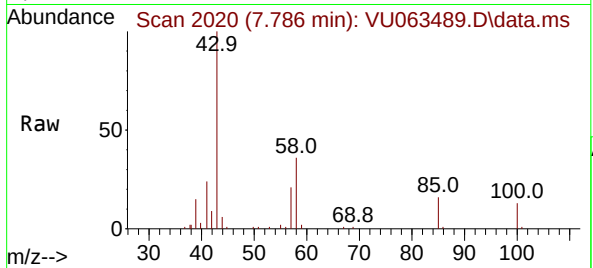
#51
4-Methyl-2-Pentanone
Concen: 15.391 ug/l
RT: 7.786 min Scan# 2019
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 36598
Ion Ratio Lower Upper
43 100
58 37.0 31.0 46.4

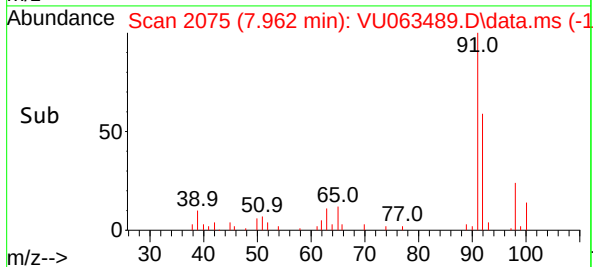
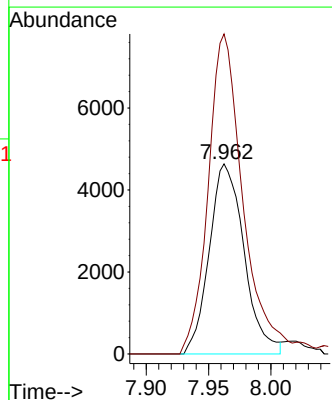
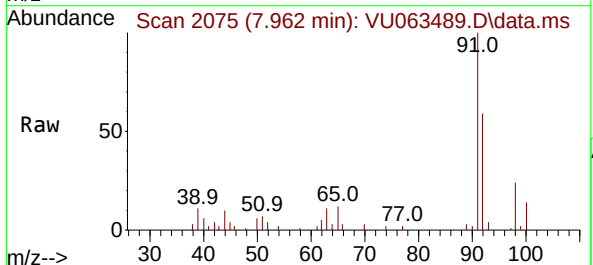
Manual Integrations
APPROVED

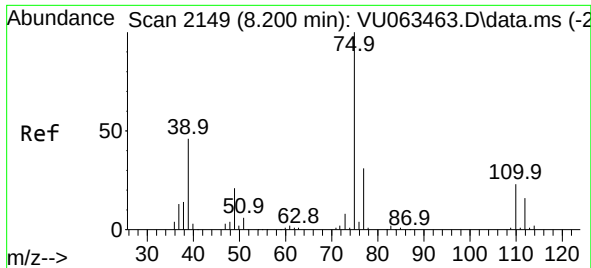
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#52
Toluene
Concen: 2.892 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 92 Resp: 9023
Ion Ratio Lower Upper
92 100
91 170.3 144.5 216.7





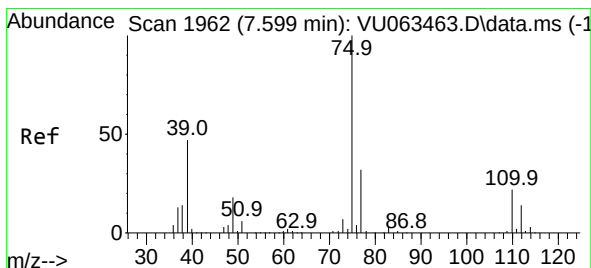
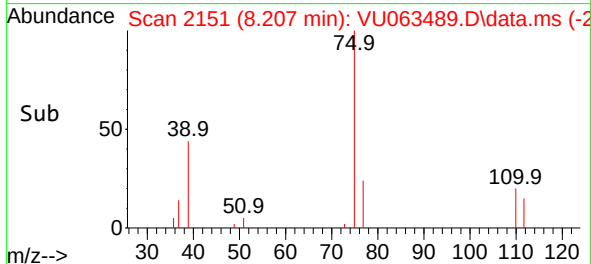
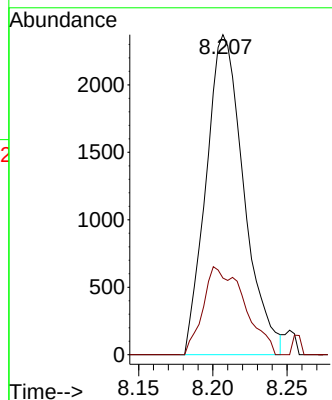
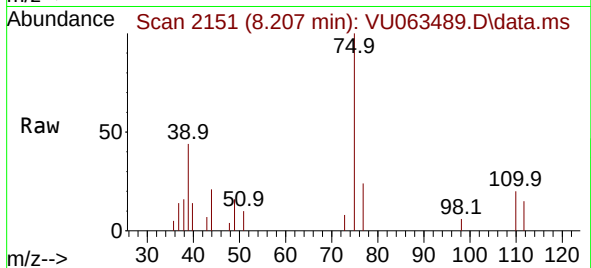
#53
t-1,3-Dichloropropene
Concen: 2.438 ug/l
RT: 8.207 min Scan# 2149
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 4185
Ion Ratio Lower Upper
75 100
77 23.9 25.0 37.6

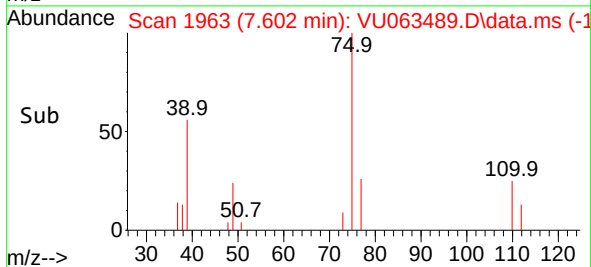
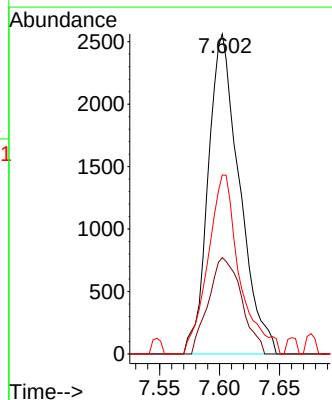
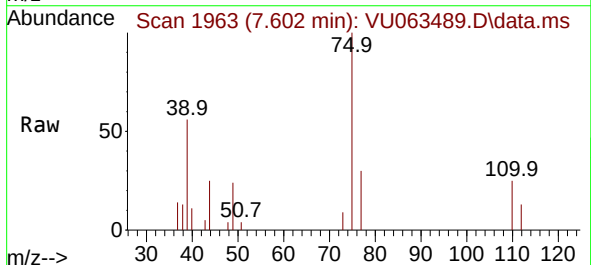
Manual Integrations
APPROVED

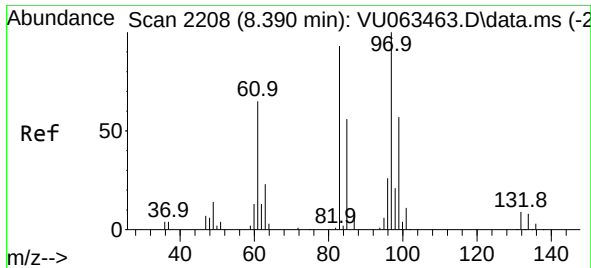
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#54
cis-1,3-Dichloropropene
Concen: 2.418 ug/l
RT: 7.602 min Scan# 1963
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

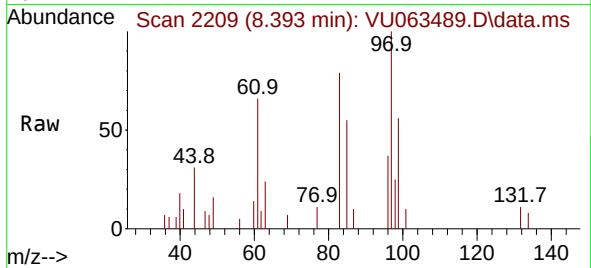
Tgt Ion: 75 Resp: 4646
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0
39 56.0 37.2 55.8





#55
1,1,2-Trichloroethane
Concen: 2.716 ug/l
RT: 8.393 min Scan# 2190
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

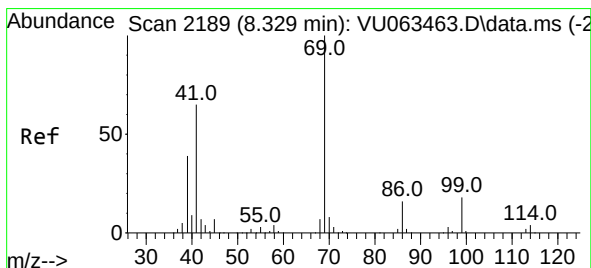
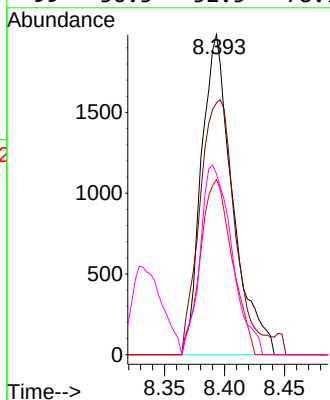
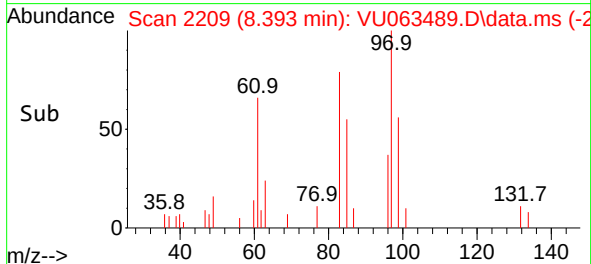
Instrument :
MSVOA_U
ClientSampleId :
MDL05



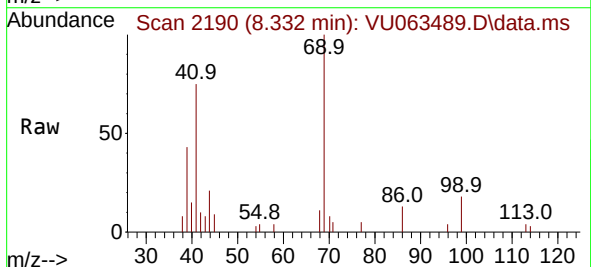
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.6	74.2	111.4
85	54.7	45.8	68.8
99	56.5	52.5	78.7

Manual Integrations
APPROVED

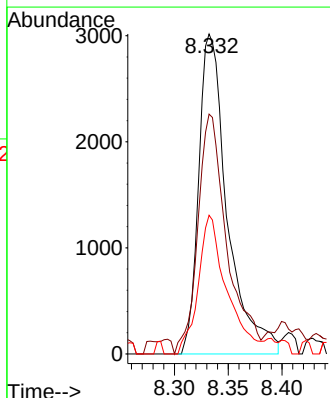
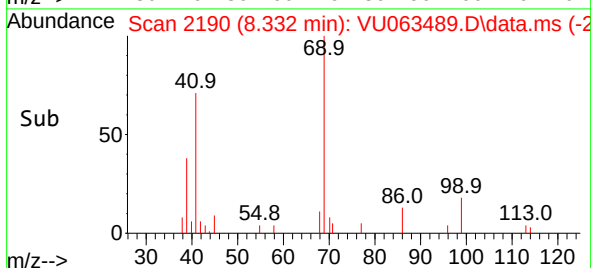
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

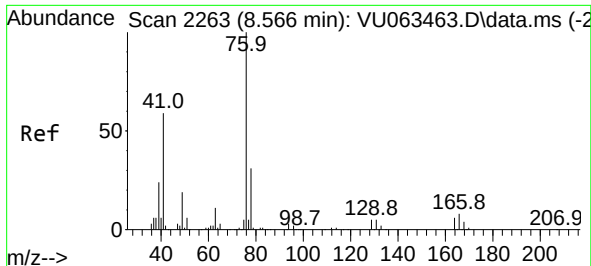


#56
Ethyl methacrylate
Concen: 2.612 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.2	53.0	79.6
39	43.1	31.0	46.4





#57

1,3-Dichloropropane

Concen: 2.736 ug/l

RT: 8.573 min Scan# 2263

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

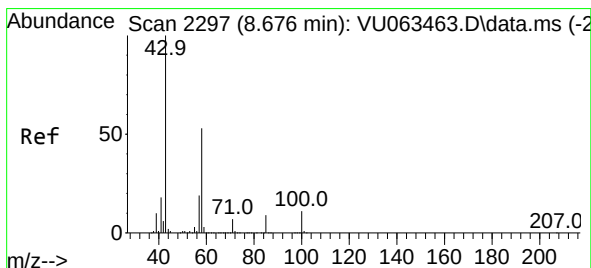
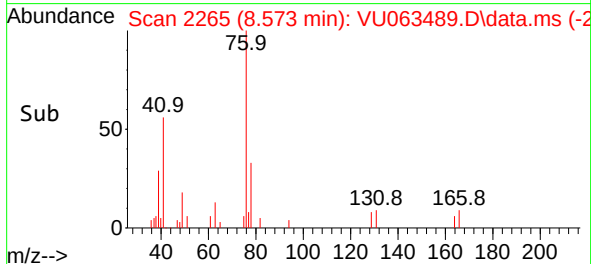
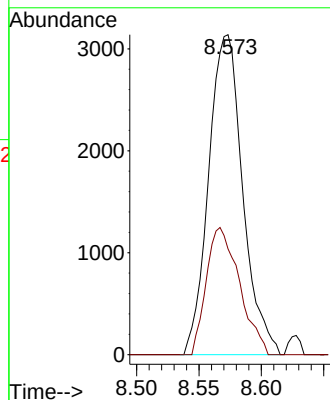
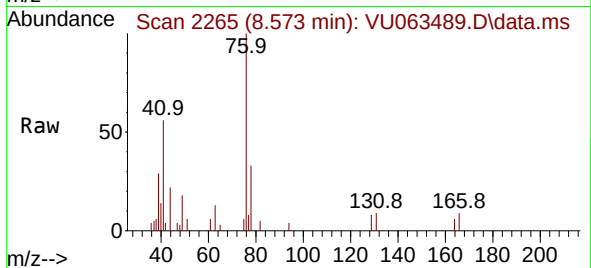
MDL05

Tgt Ion: 76 Resp: 5970
 Ion Ratio Lower Upper
 76 100
 78 38.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025



#59

2-Hexanone

Concen: 15.990 ug/l

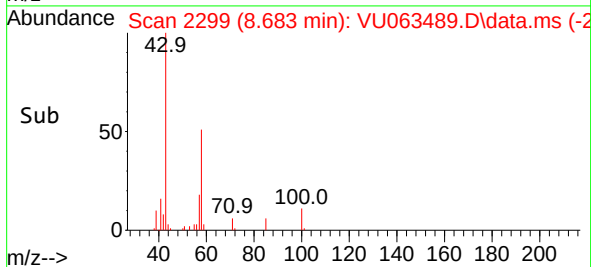
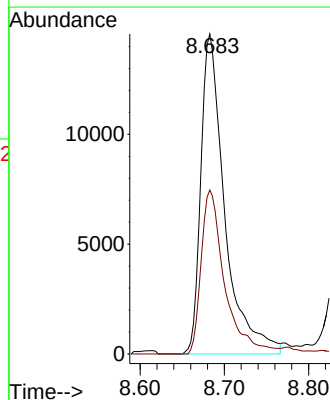
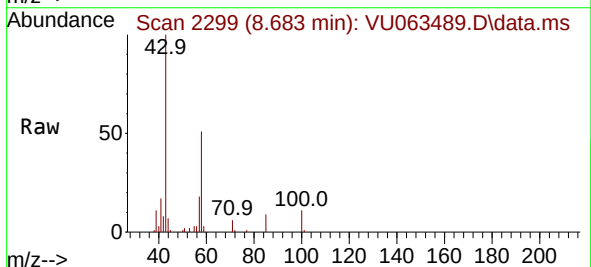
RT: 8.683 min Scan# 2299

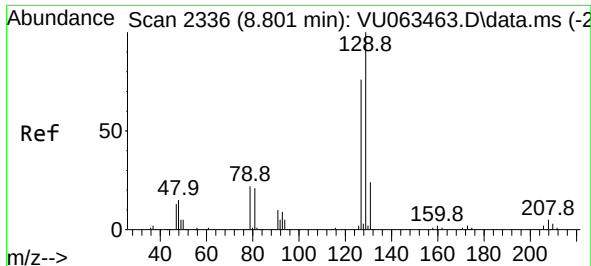
Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

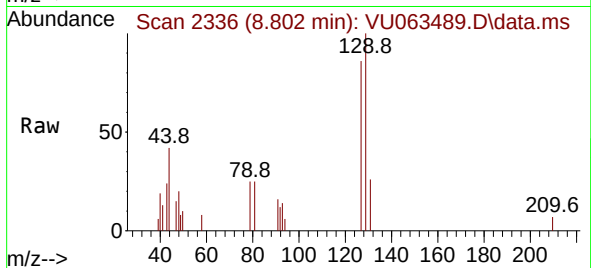
Tgt Ion: 43 Resp: 28758
 Ion Ratio Lower Upper
 43 100
 58 50.4 26.9 80.7





#60
Dibromochloromethane
Concen: 2.244 ug/l
RT: 8.802 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

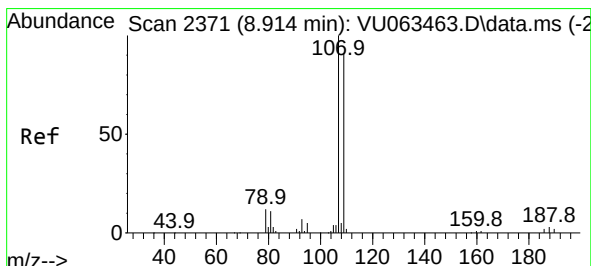
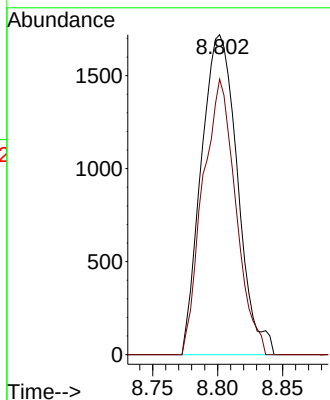
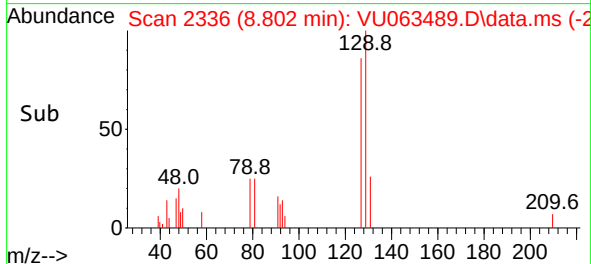
Instrument :
MSVOA_U
ClientSampleId :
MDL05



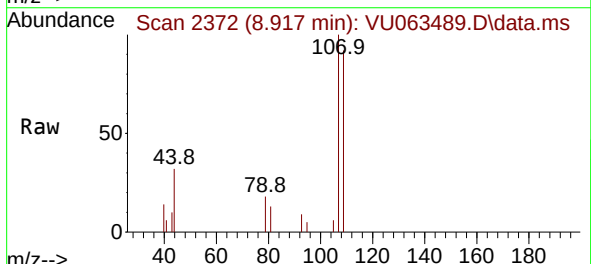
Tgt Ion:129 Resp: 3330
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

Manual Integrations
APPROVED

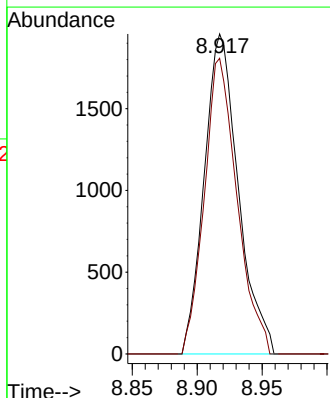
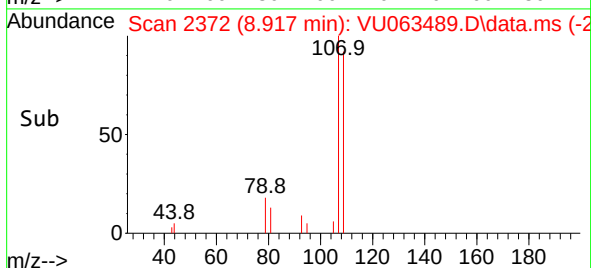
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

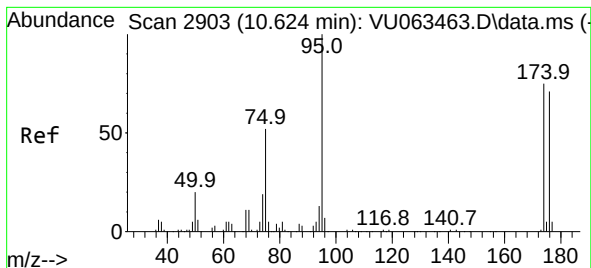


#61
1,2-Dibromoethane
Concen: 2.748 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



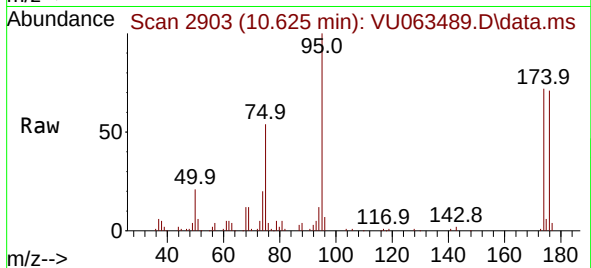
Tgt Ion:107 Resp: 3573
Ion Ratio Lower Upper
107 100
109 88.8 73.7 110.5





#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 10.625 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

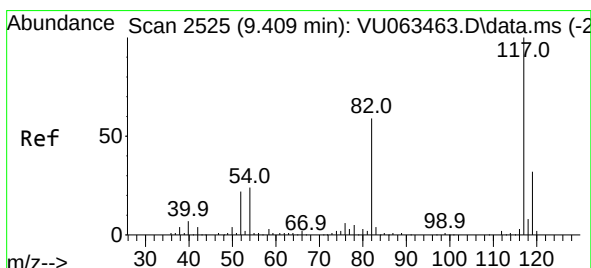
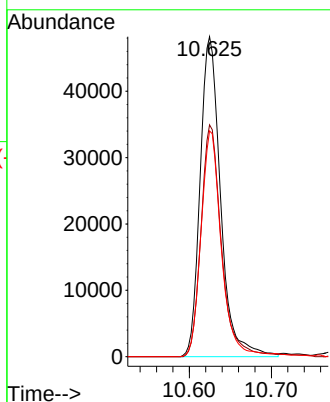
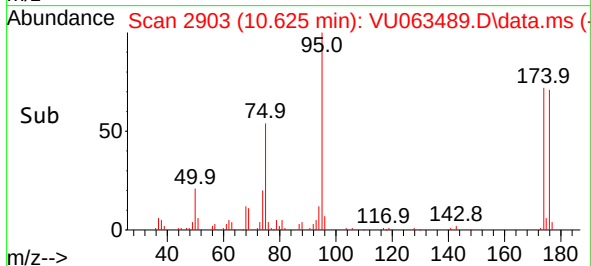
Instrument :
MSVOA_U
ClientSampleId :
MDL05



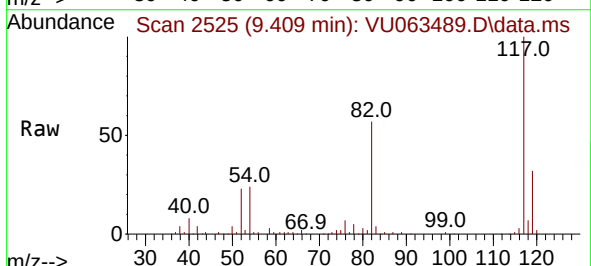
Tgt Ion: 95 Resp: 8353
Ion Ratio Lower Upper
95 100
174 72.7 0.0 153.6
176 69.8 0.0 145.8

Manual Integrations
APPROVED

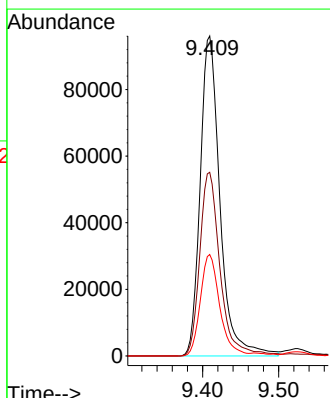
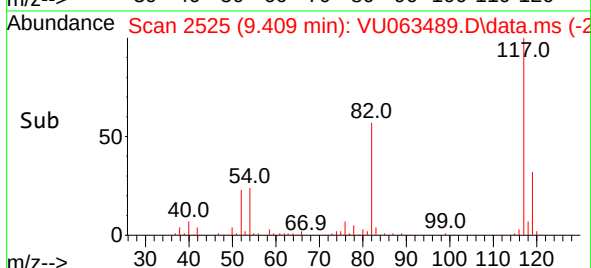
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

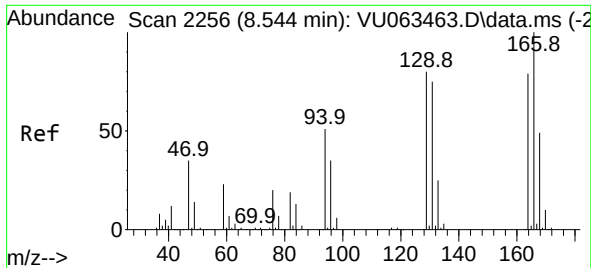


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



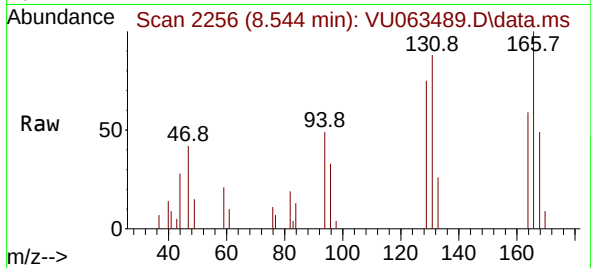
Tgt Ion:117 Resp: 173889
Ion Ratio Lower Upper
117 100
82 57.4 47.1 70.7
119 31.7 25.4 38.0





#64
Tetrachloroethene
Concen: 2.414 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

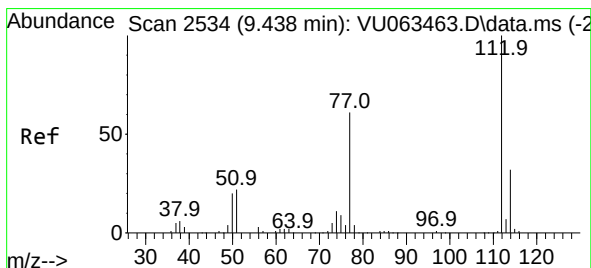
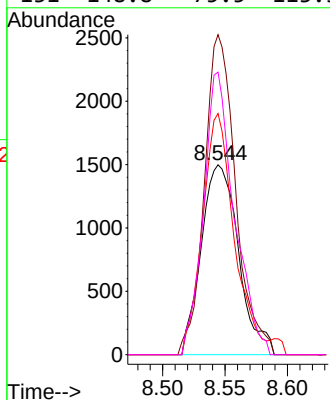
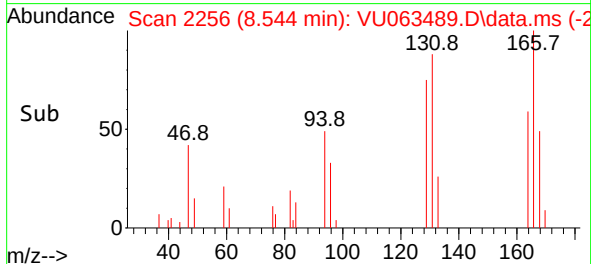
Instrument :
MSVOA_U
ClientSampleId :
MDL05



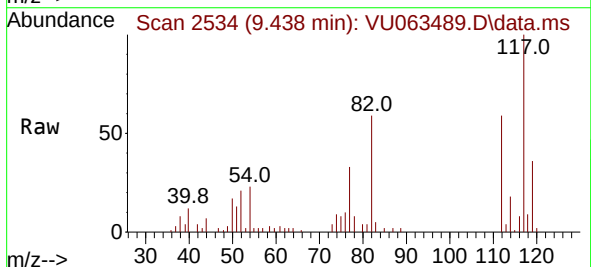
Tgt Ion:164 Resp: 3125
Ion Ratio Lower Upper
164 100
166 168.4 100.9 151.3
129 126.9 80.9 121.3
131 148.8 75.5 113.3

Manual Integrations
APPROVED

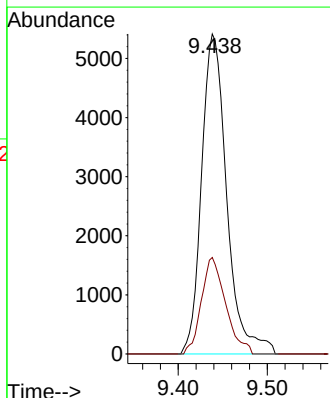
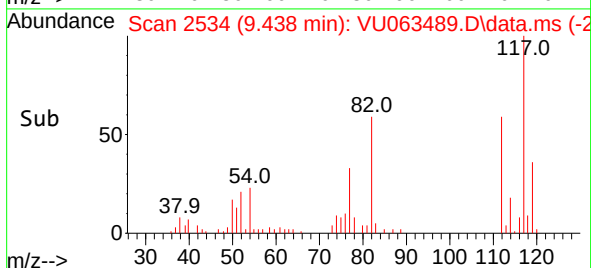
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

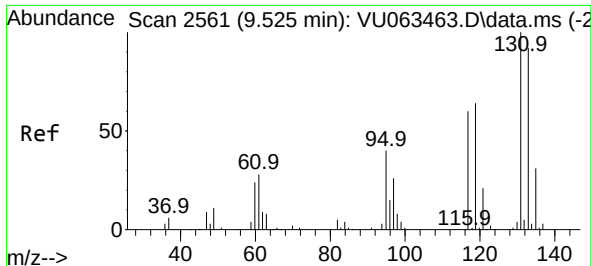


#65
Chlorobenzene
Concen: 2.937 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



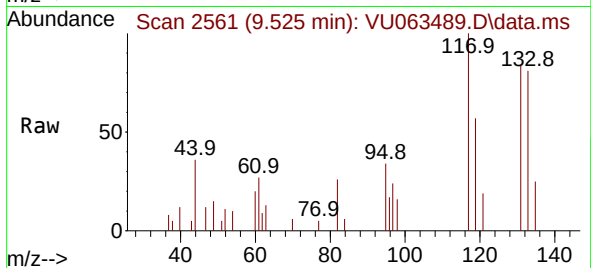
Tgt Ion:112 Resp: 10625
Ion Ratio Lower Upper
112 100
114 30.1 25.5 38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 2.185 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

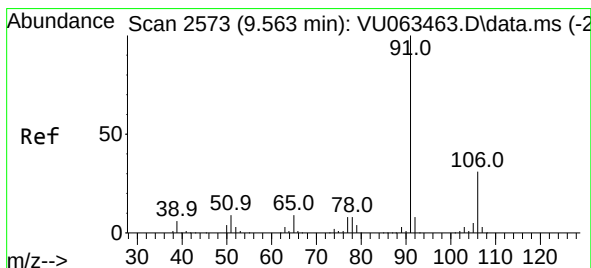
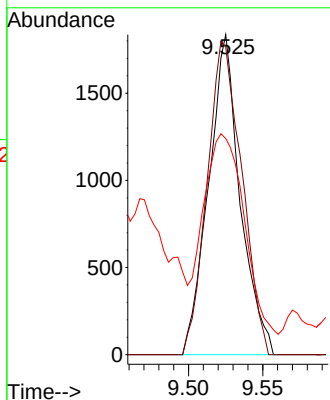
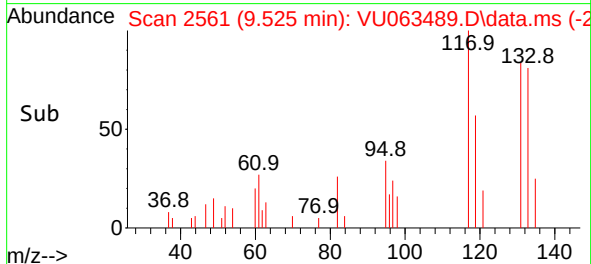
Instrument :
MSVOA_U
ClientSampleId :
MDL05



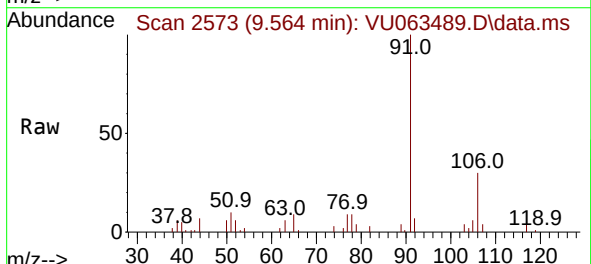
Tgt Ion:131 Resp: 271
Ion Ratio Lower Upper
131 100
133 107.5 46.4 139.2
119 80.8 33.3 99.9

Manual Integrations
APPROVED

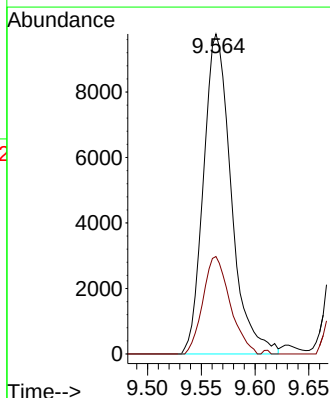
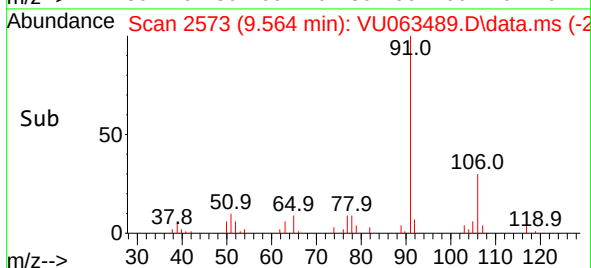
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

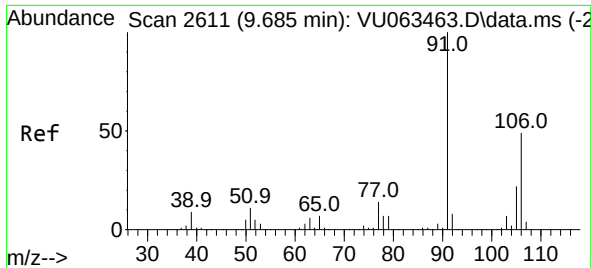


#67
Ethyl Benzene
Concen: 2.816 ug/l
RT: 9.564 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



Tgt Ion: 91 Resp: 17509
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7





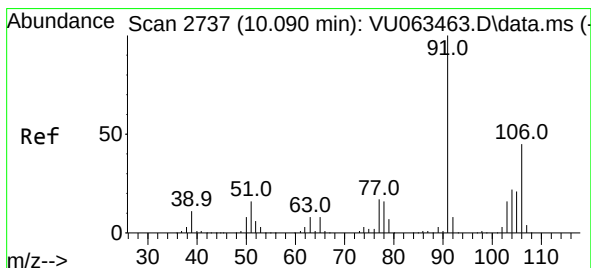
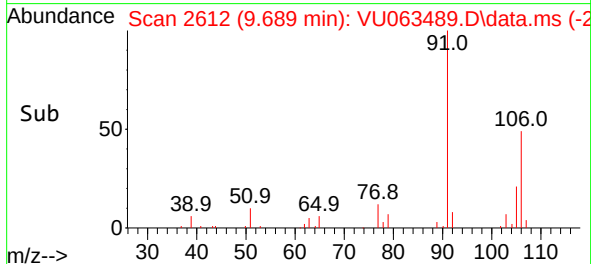
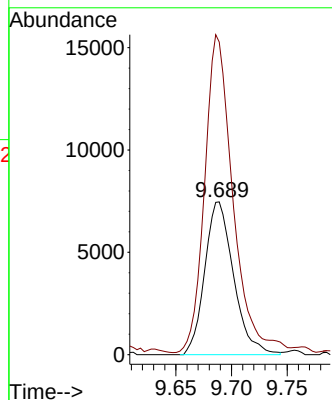
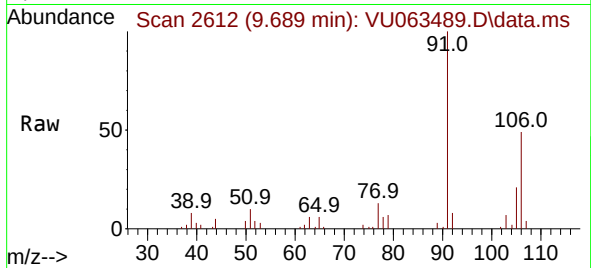
#68
m/p-Xylenes
Concen: 5.662 ug/l
RT: 9.689 min Scan# 2611
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 1343
Ion Ratio Lower Upper
106 100
91 203.8 163.6 245.4

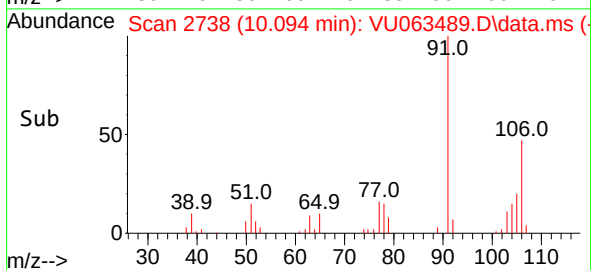
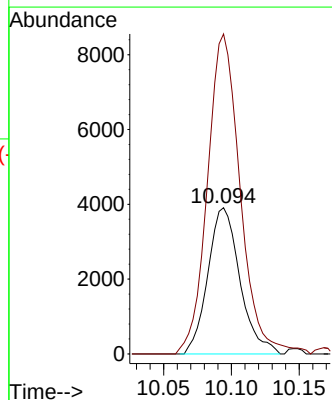
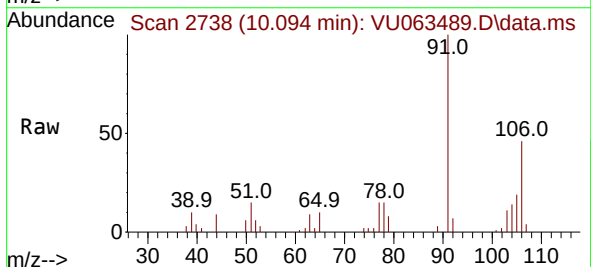
Manual Integrations
APPROVED

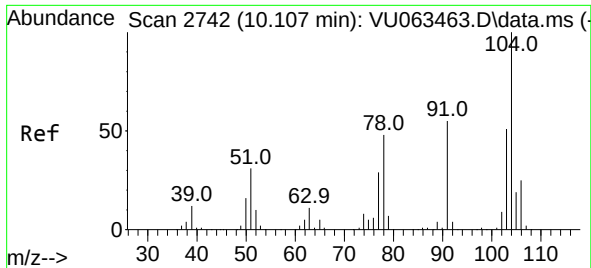
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#69
o-Xylene
Concen: 2.670 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:106 Resp: 6442
Ion Ratio Lower Upper
106 100
91 223.3 110.7 331.9





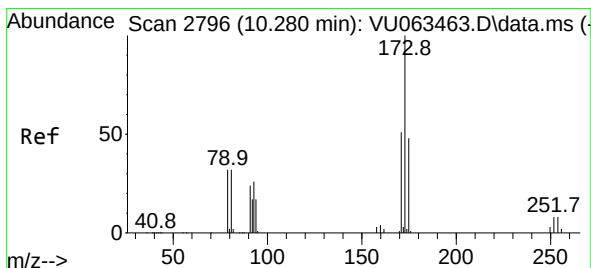
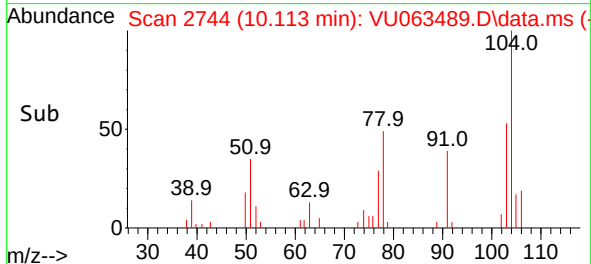
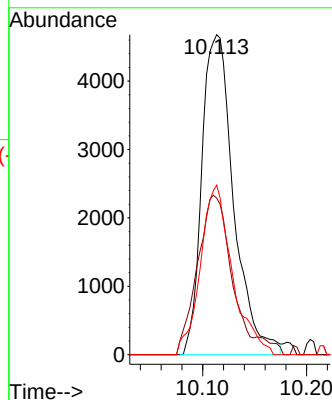
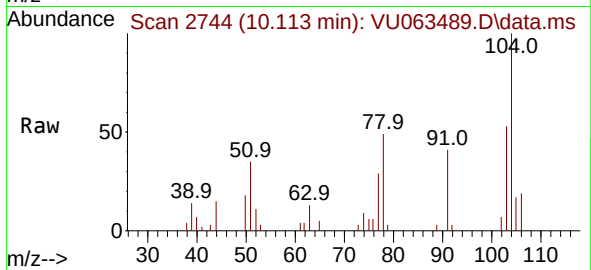
#70
Styrene
Concen: 2.598 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:104 Resp: 996
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 53.0 44.3 66.5

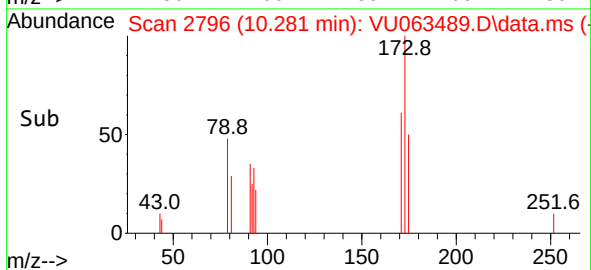
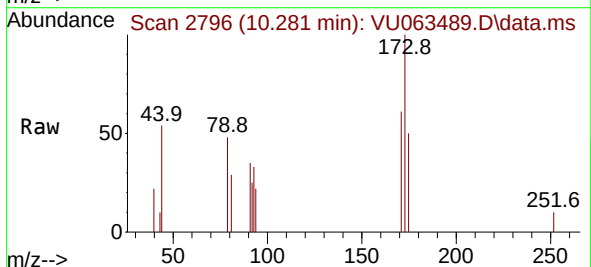
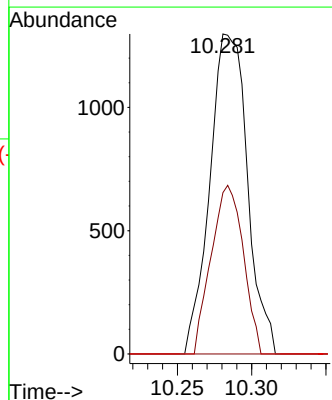
Manual Integrations
APPROVED

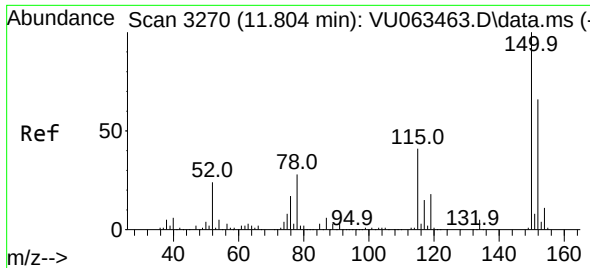
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#71
Bromoform
Concen: 2.114 ug/l
RT: 10.281 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

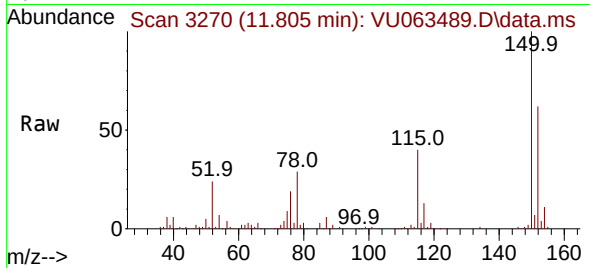
Tgt Ion:173 Resp: 2286
Ion Ratio Lower Upper
173 100
175 44.9 24.0 72.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.805 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

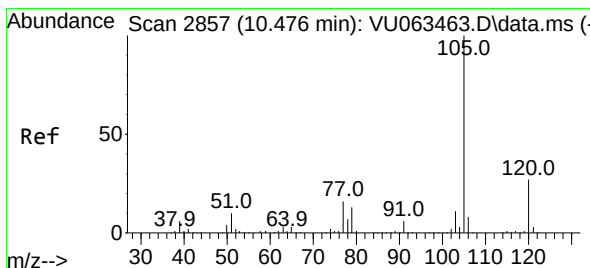
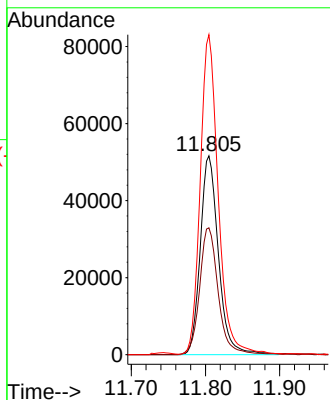
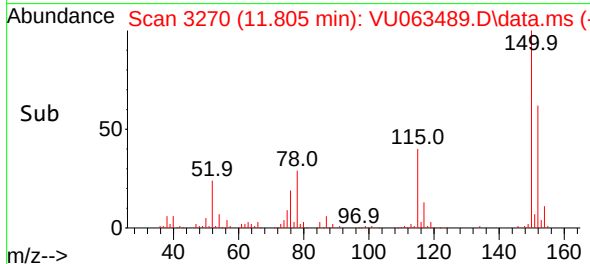
Instrument :
MSVOA_U
ClientSampleId :
MDL05



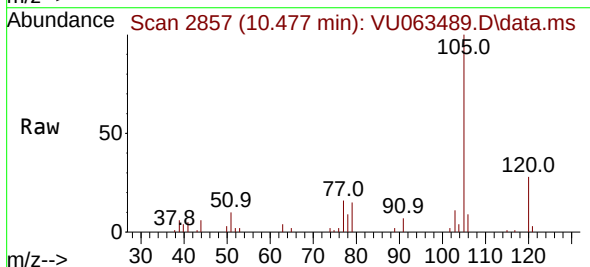
Tgt Ion:152 Resp: 8787
Ion Ratio Lower Upper
152 100
115 65.4 43.4 130.2
150 158.4 0.0 341.4

Manual Integrations
APPROVED

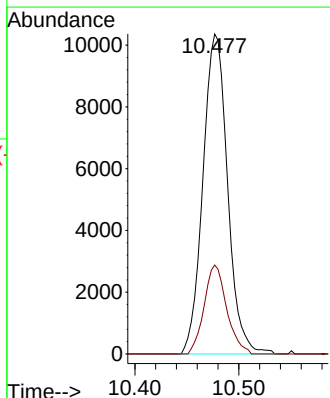
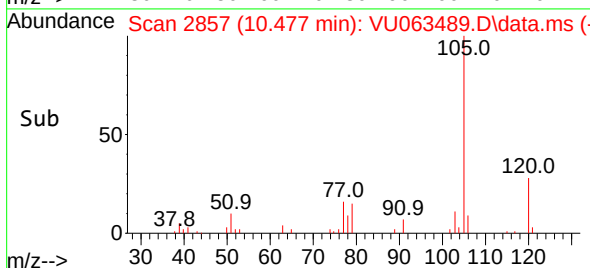
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

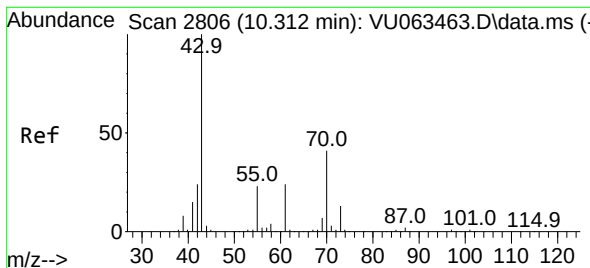


#73
Isopropylbenzene
Concen: 2.849 ug/l
RT: 10.477 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



Tgt Ion:105 Resp: 17037
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1





#74

N-amy1 acetate

Concen: 3.147 ug/l

RT: 10.319 min Scan# 2806

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 8439

Ion Ratio Lower Upper

43 100

70 39.9 32.6 48.8

55 21.5 18.6 27.8

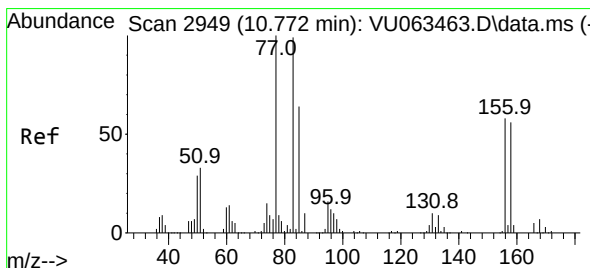
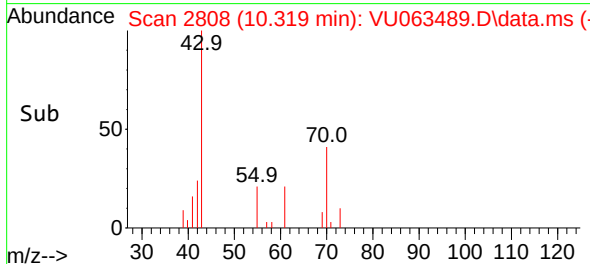
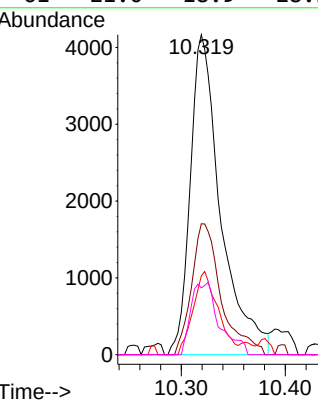
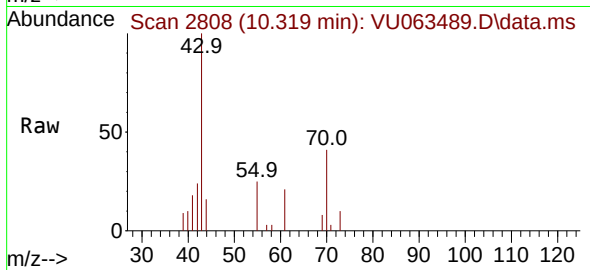
61 21.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 2.794 ug/l

RT: 10.776 min Scan# 2950

Delta R.T. 0.004 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

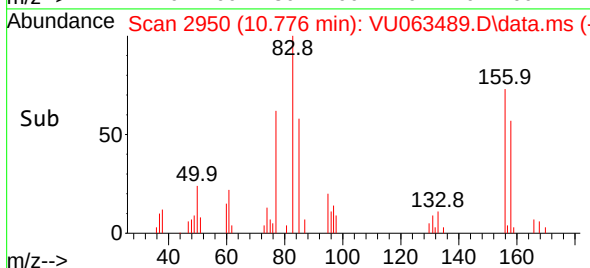
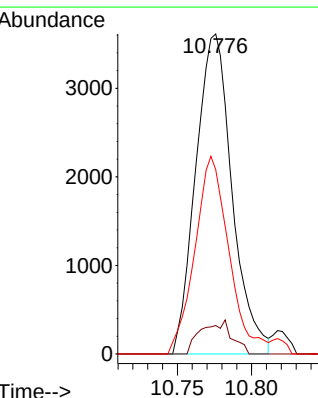
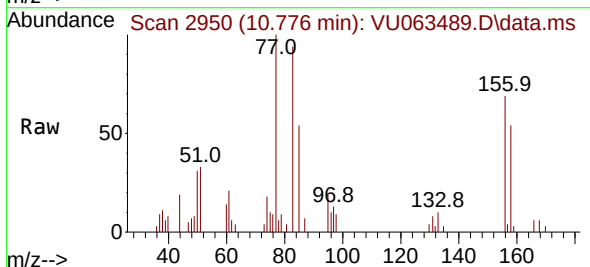
Tgt Ion: 83 Resp: 6149

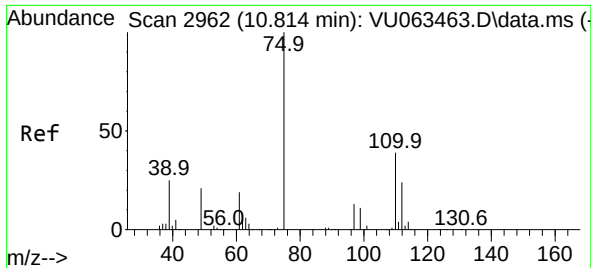
Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.3

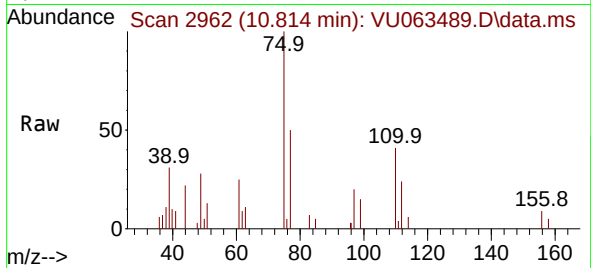
85 58.0 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 2.993 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

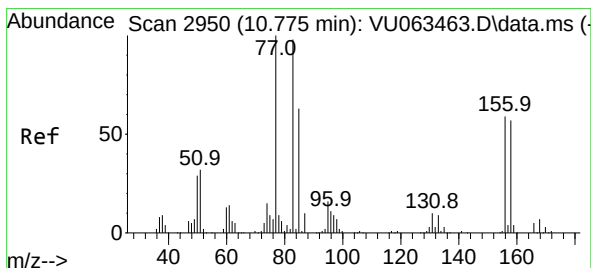
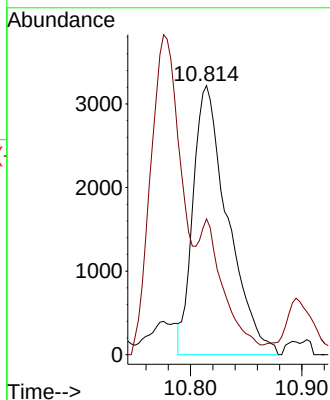
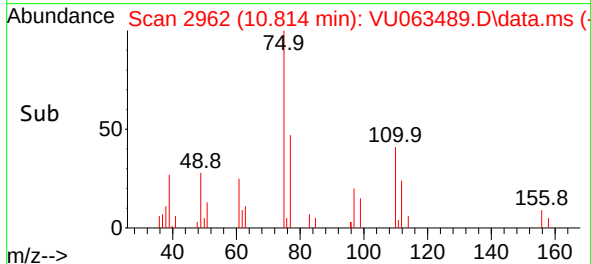
Instrument :
MSVOA_U
ClientSampleId :
MDL05



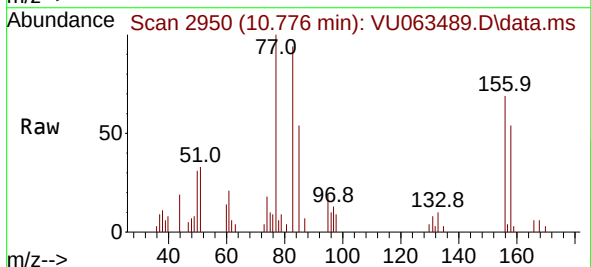
Tgt Ion: 75 Resp: 696
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4

Manual Integrations
APPROVED

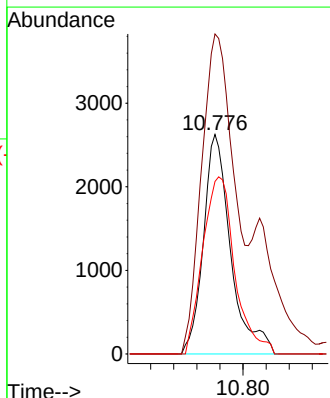
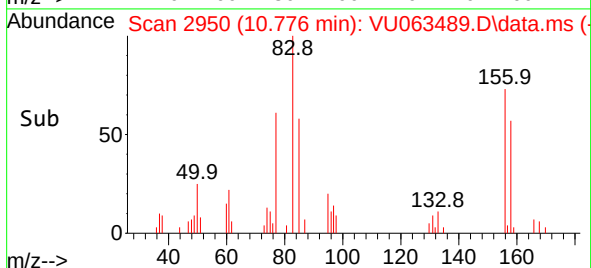
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

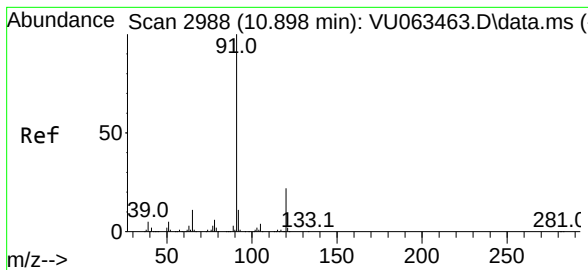


#77
Bromobenzene
Concen: 2.941 ug/l
RT: 10.776 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



Tgt Ion:156 Resp: 4311
Ion Ratio Lower Upper
156 100
77 174.8 78.2 234.6
158 94.7 46.8 140.4





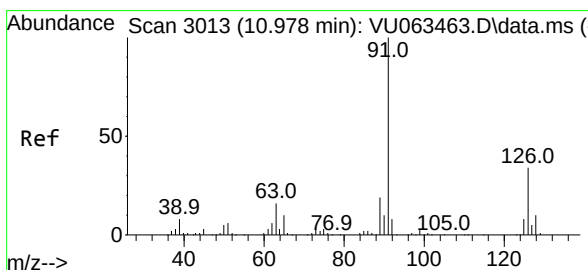
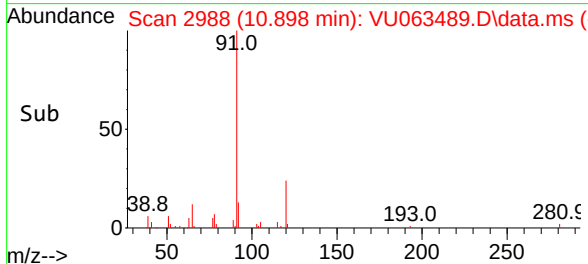
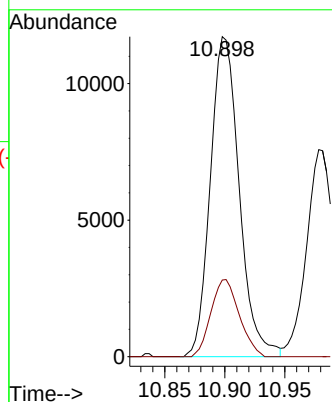
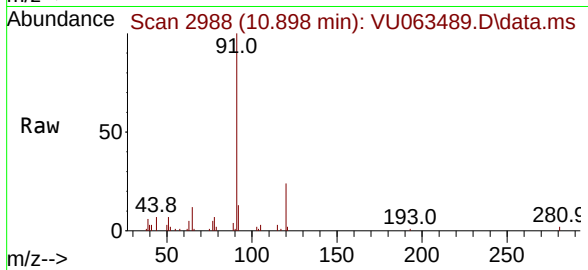
#78
n-propylbenzene
Concen: 2.829 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 1961
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4

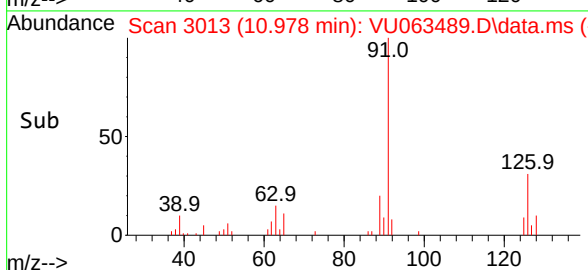
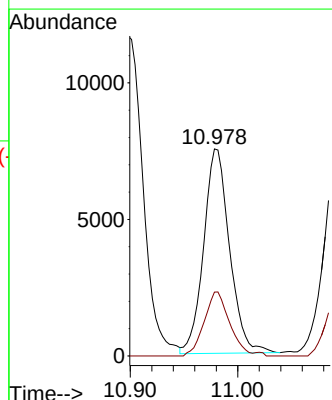
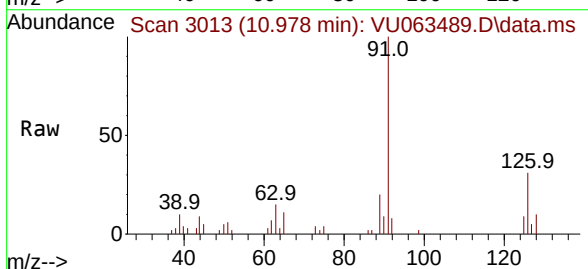
Manual Integrations
APPROVED

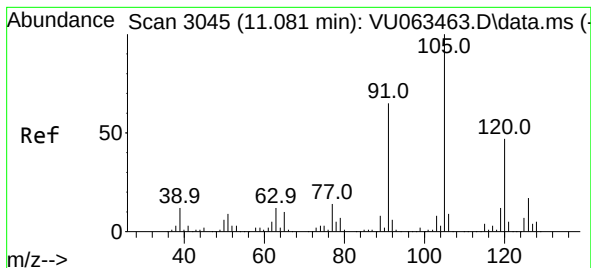
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#79
2-Chlorotoluene
Concen: 2.886 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 91 Resp: 12552
Ion Ratio Lower Upper
91 100
126 30.5 15.9 47.7





#80

1,3,5-Trimethylbenzene

Concen: 2.754 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 1440

Ion Ratio Lower Upper

105 100

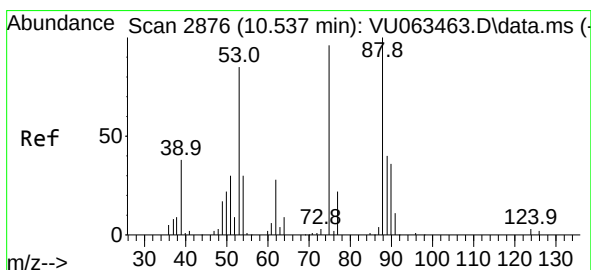
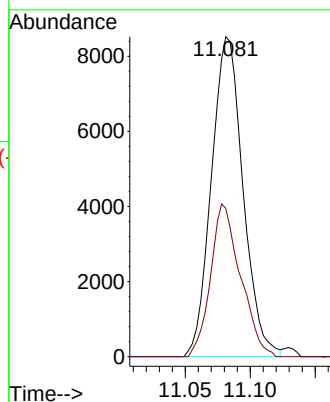
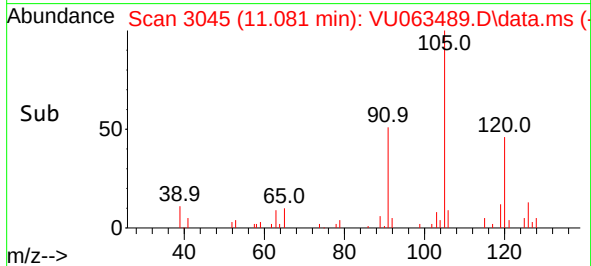
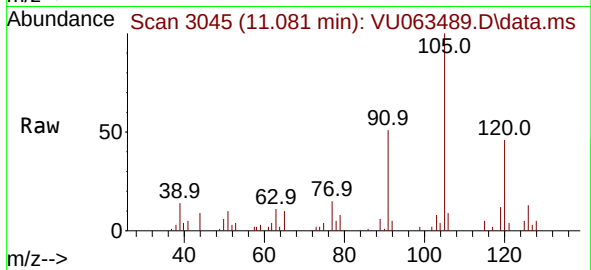
120 45.1 23.4 70.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 2.770 ug/l m

RT: 10.544 min Scan# 2878

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

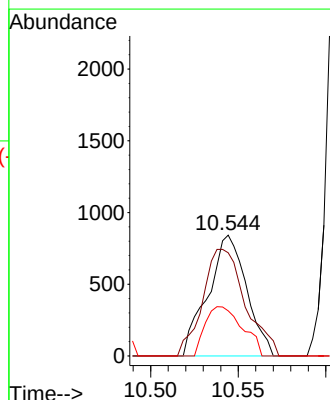
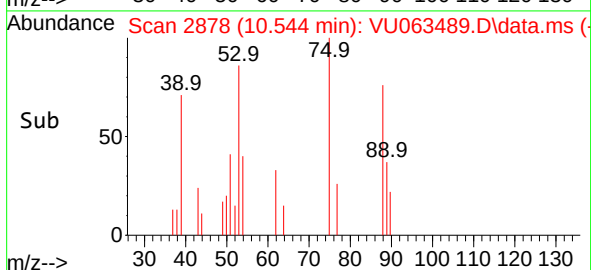
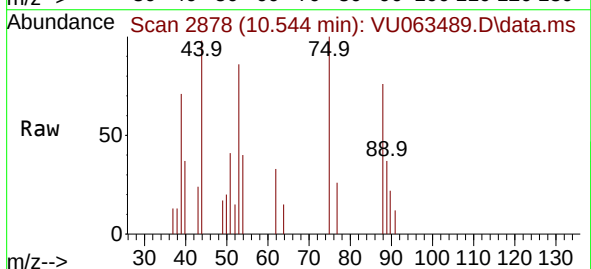
Tgt Ion: 75 Resp: 1293

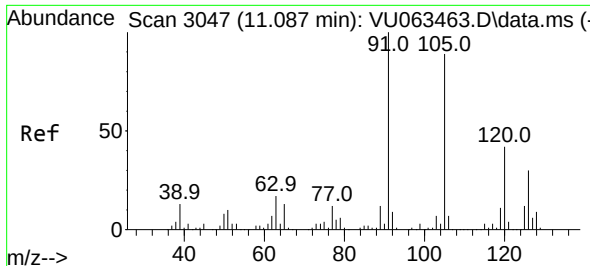
Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.0 36.3 54.5#





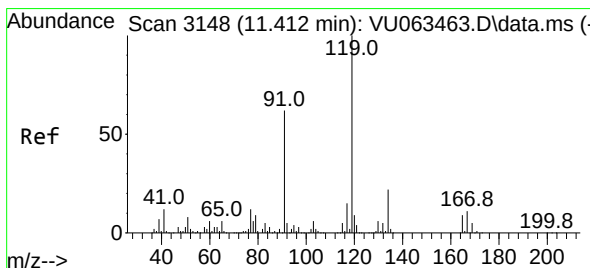
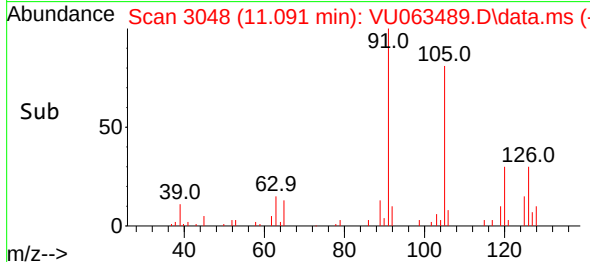
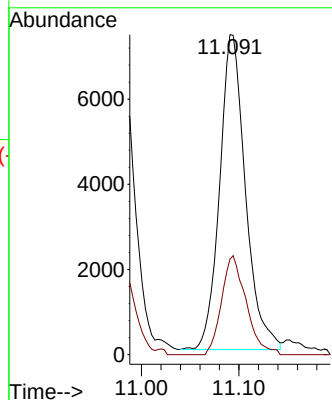
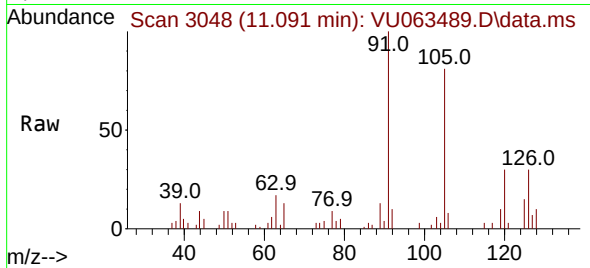
#82
4-Chlorotoluene
Concen: 2.755 ug/l
RT: 11.091 min Scan# 3047
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 1360
Ion Ratio Lower Upper
91 100
126 29.9 14.4 43.2

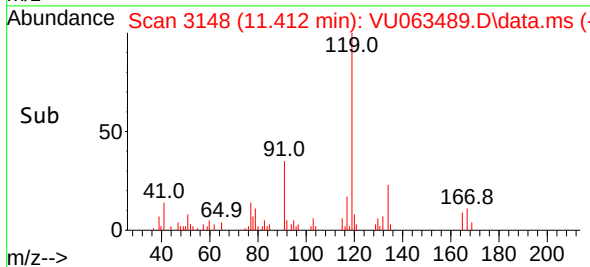
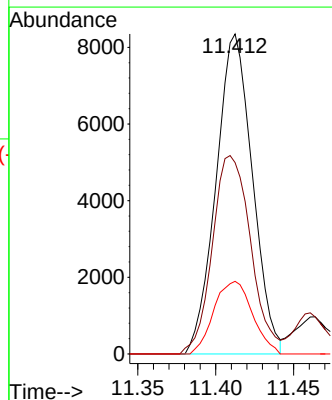
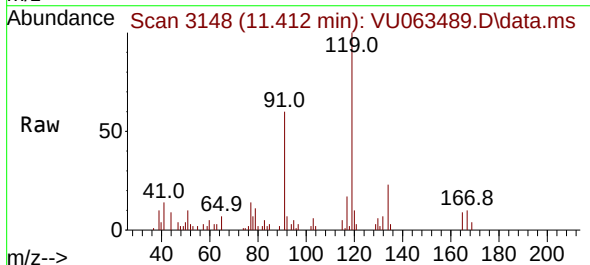
Manual Integrations
APPROVED

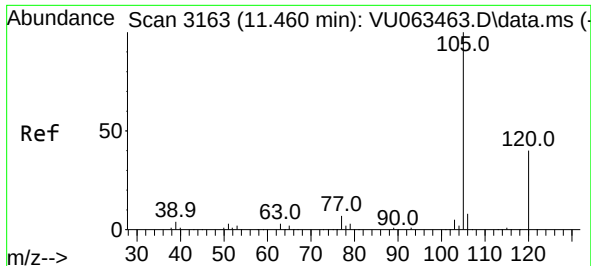
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#83
tert-Butylbenzene
Concen: 2.701 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:119 Resp: 13547
Ion Ratio Lower Upper
119 100
91 65.4 30.3 91.0
134 24.0 11.2 33.6





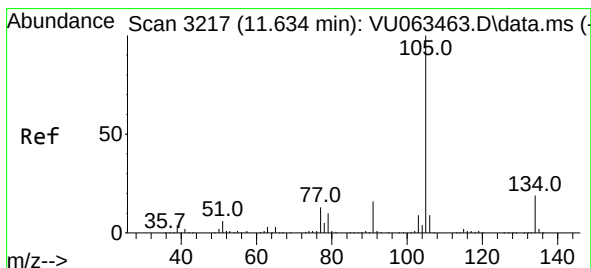
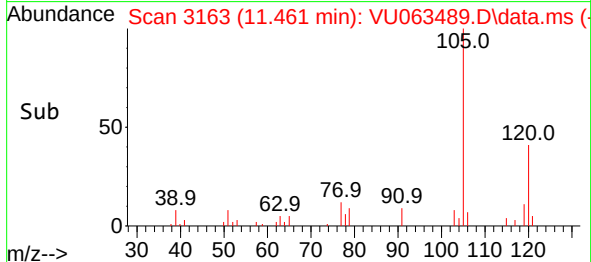
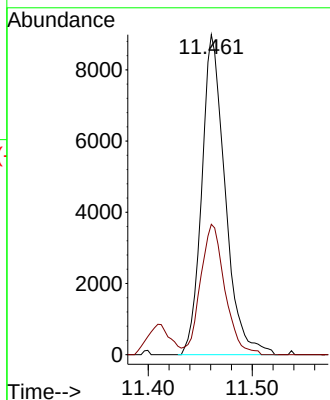
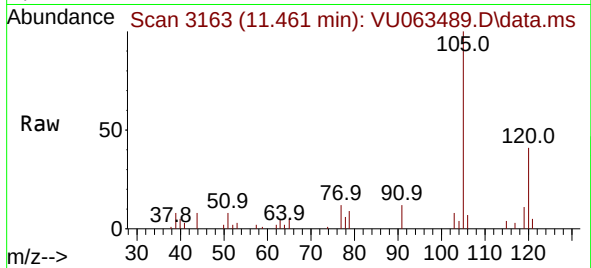
#84
1,2,4-Trimethylbenzene
Concen: 2.731 ug/l
RT: 11.461 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:105 Resp: 1402
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.3

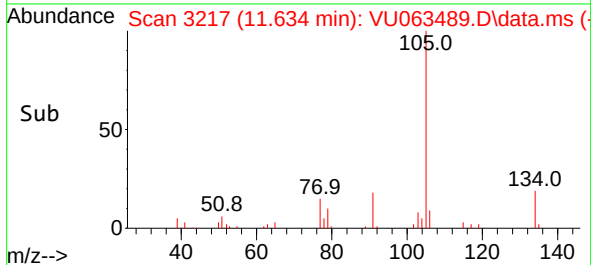
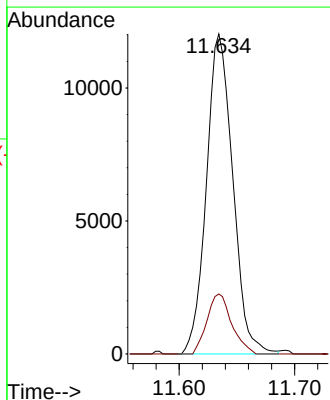
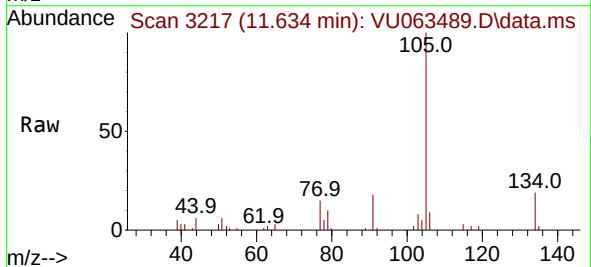
Manual Integrations
APPROVED

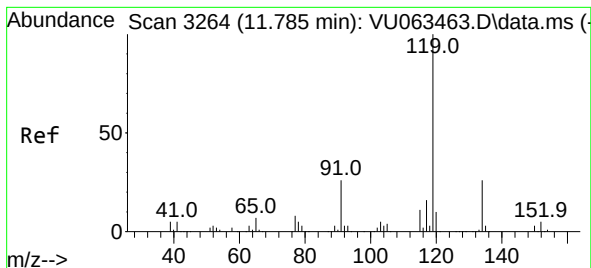
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#85
sec-Butylbenzene
Concen: 2.886 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:105 Resp: 19099
Ion Ratio Lower Upper
105 100
134 17.5 9.7 29.1





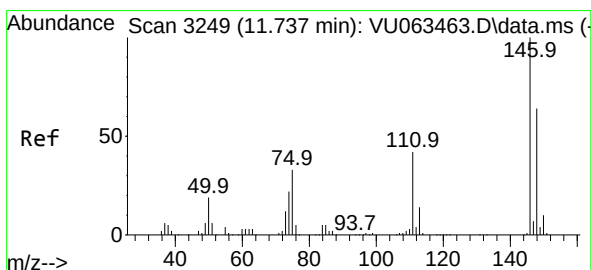
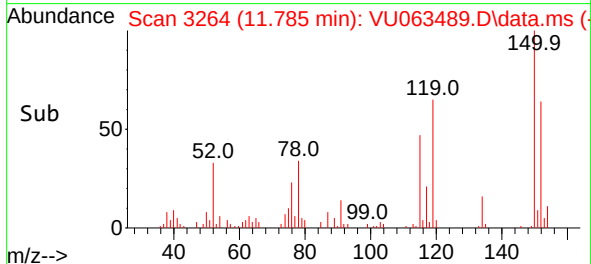
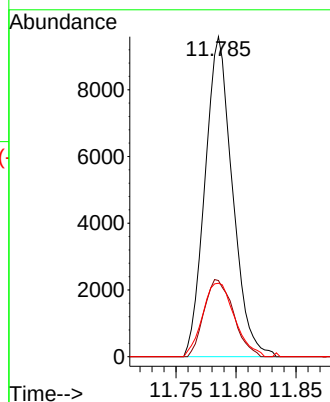
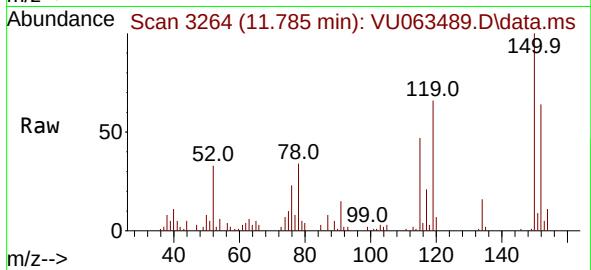
#86
 p-Isopropyltoluene
 Concen: 2.839 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion:119 Resp: 1524
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 26.8 13.0 38.9

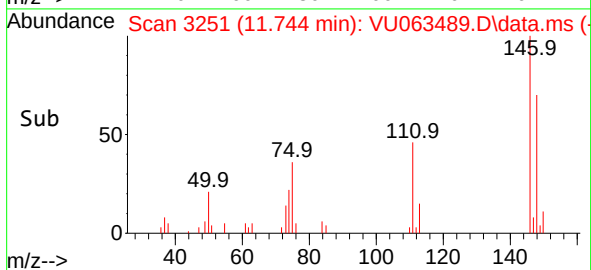
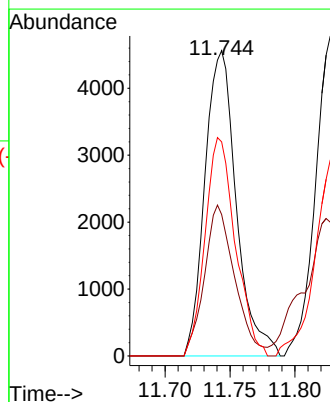
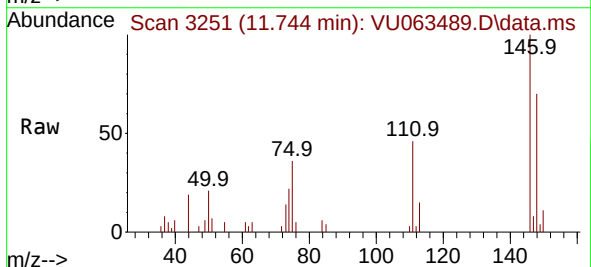
Manual Integrations
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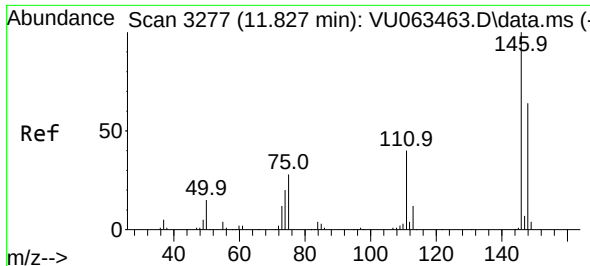
Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025



#87
 1,3-Dichlorobenzene
 Concen: 2.713 ug/l
 RT: 11.744 min Scan# 3251
 Delta R.T. 0.007 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion:146 Resp: 7662
 Ion Ratio Lower Upper
 146 100
 111 47.6 20.9 62.7
 148 69.0 31.9 95.9





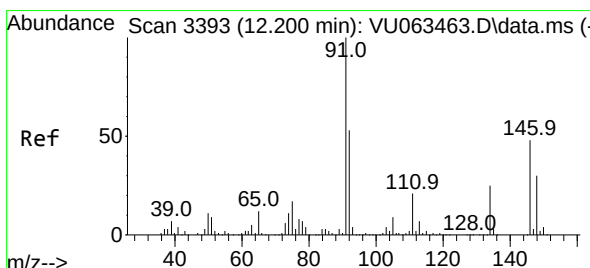
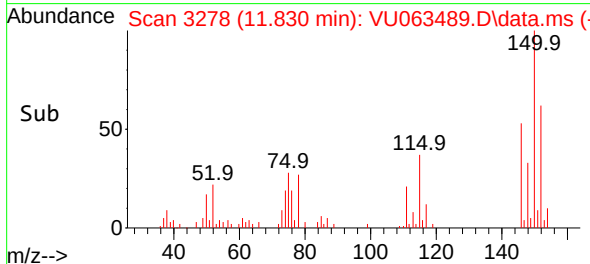
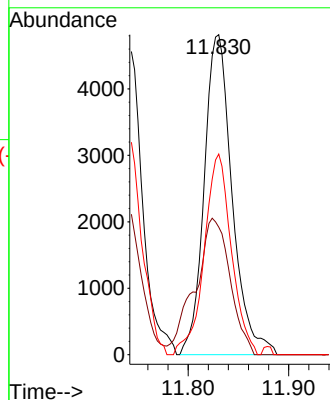
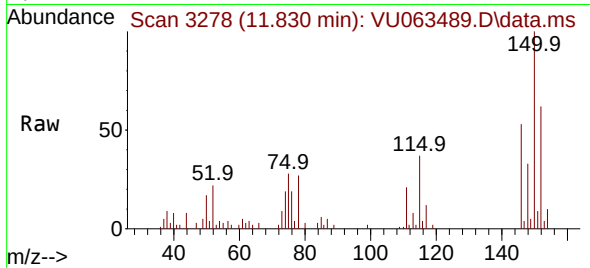
#88
1,4-Dichlorobenzene
Concen: 3.232 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 930
Ion Ratio Lower Upper
146 100
111 53.4 20.8 62.4
148 61.0 31.9 95.9

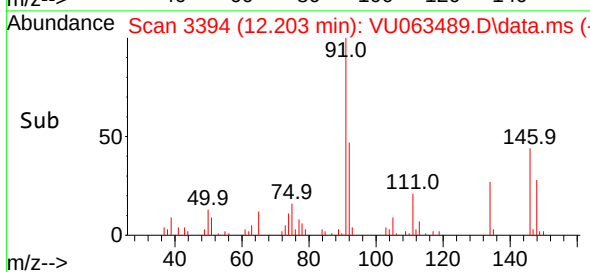
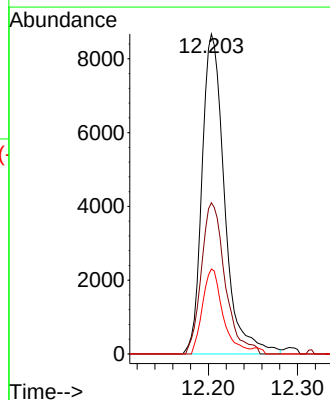
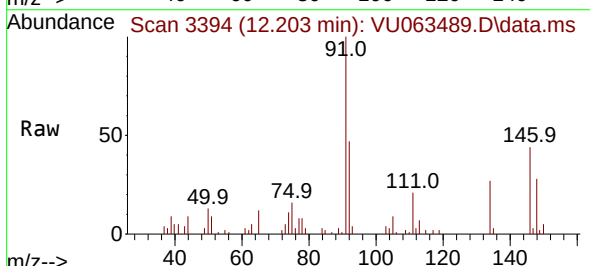
Manual Integrations
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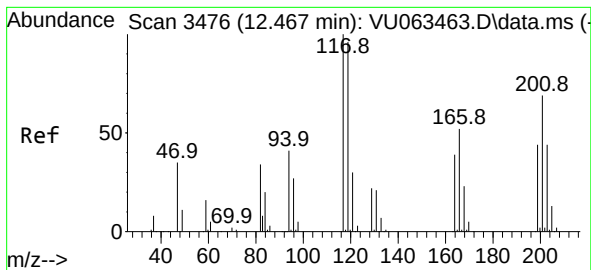
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#89
n-Butylbenzene
Concen: 3.066 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 91 Resp: 15235
Ion Ratio Lower Upper
91 100
92 49.8 26.4 79.2
134 24.0 12.4 37.0





#90

Hexachloroethane

Concen: 2.563 ug/l

RT: 12.464 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:117 Resp: 230

Ion Ratio Lower Upper

117 100

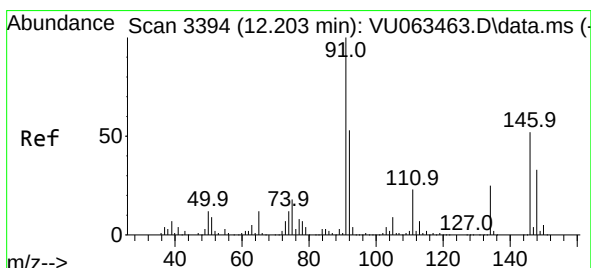
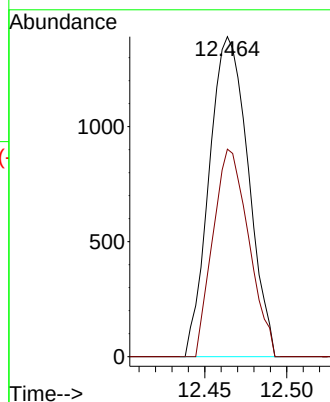
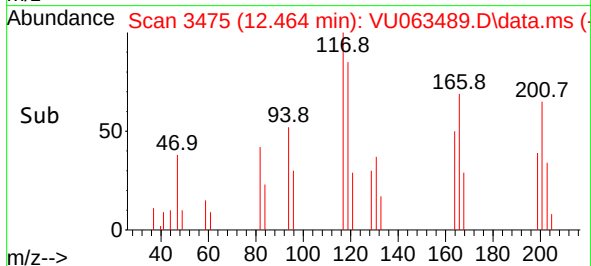
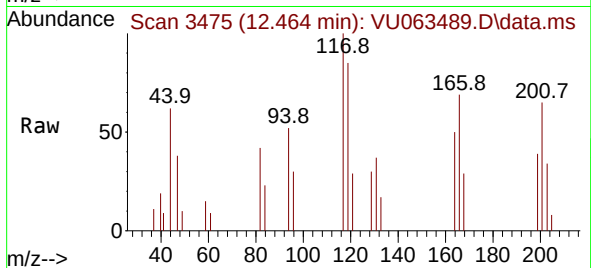
201 59.3 34.4 103.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#91

1,2-Dichlorobenzene

Concen: 2.823 ug/l

RT: 12.210 min Scan# 3396

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

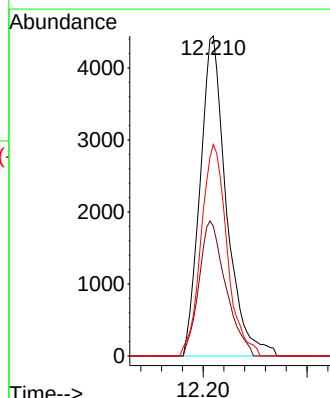
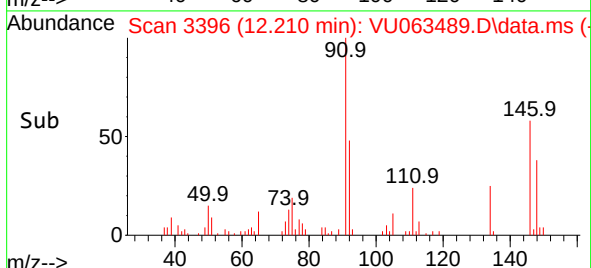
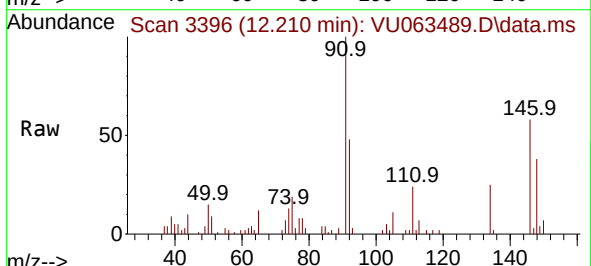
Tgt Ion:146 Resp: 7775

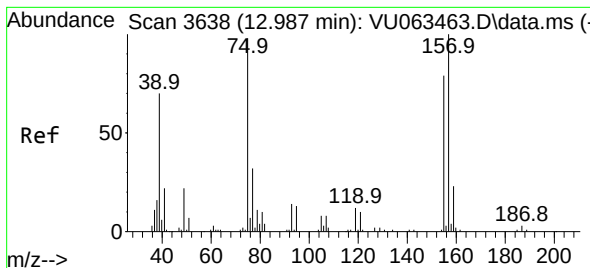
Ion Ratio Lower Upper

146 100

111 43.1 21.9 65.5

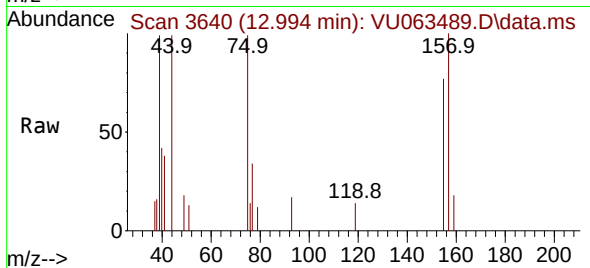
148 65.4 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.751 ug/l
RT: 12.994 min Scan# 30
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

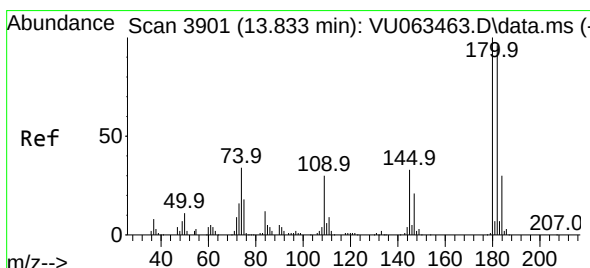
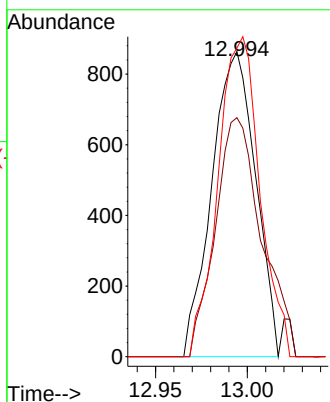
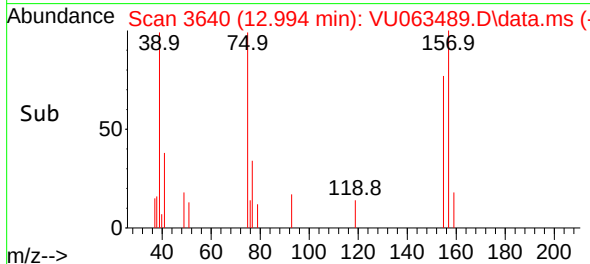
Instrument :
MSVOA_U
ClientSampleId :
MDL05



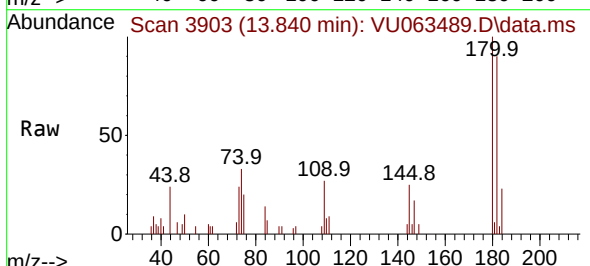
Tgt Ion: 75 Resp: 1434
Ion Ratio Lower Upper
75 100
155 82.8 39.1 117.5
157 100.6 49.4 148.2

Manual Integrations
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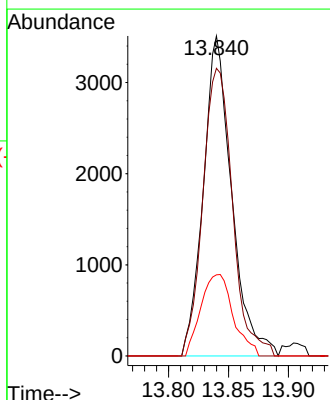
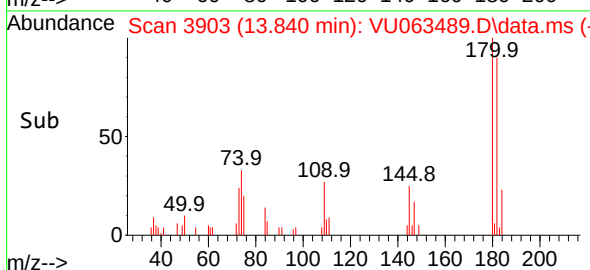
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

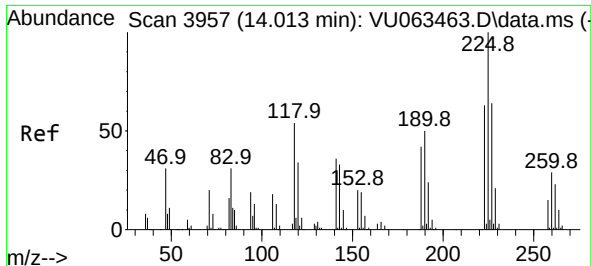


#93
1,2,4-Trichlorobenzene
Concen: 3.270 ug/l
RT: 13.840 min Scan# 3903
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39



Tgt Ion:180 Resp: 5767
Ion Ratio Lower Upper
180 100
182 94.3 47.7 143.1
145 29.0 16.6 49.7





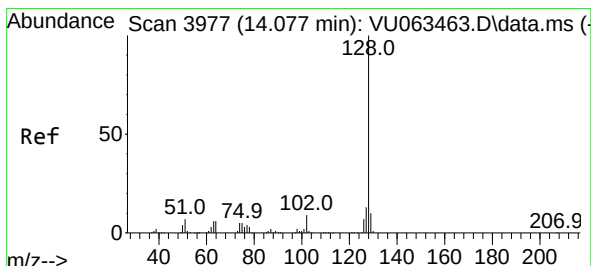
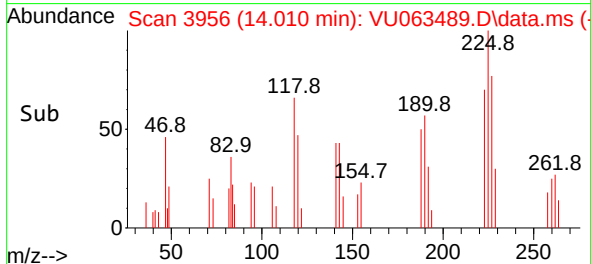
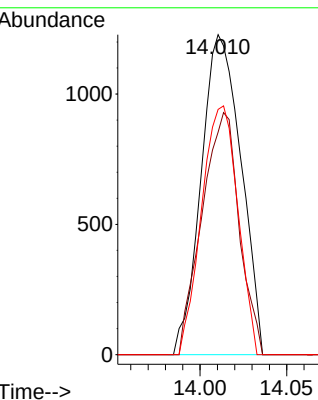
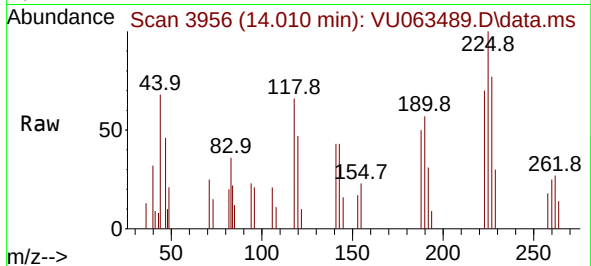
#94
Hexachlorobutadiene
Concen: 2.602 ug/l
RT: 14.010 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:225 Resp: 1962
Ion Ratio Lower Upper
225 100
223 70.8 32.4 97.0
227 70.7 32.3 96.9

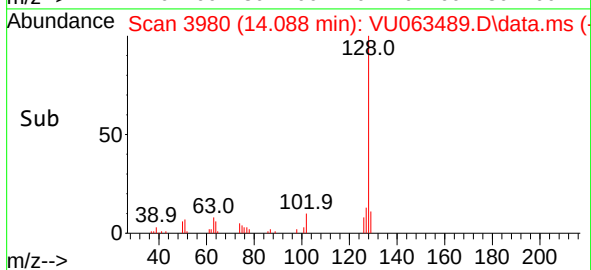
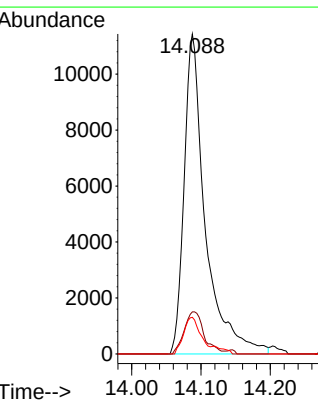
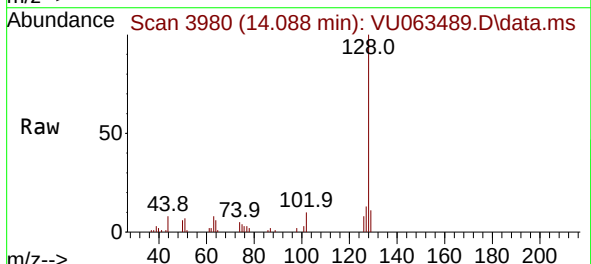
Manual Integrations
APPROVED

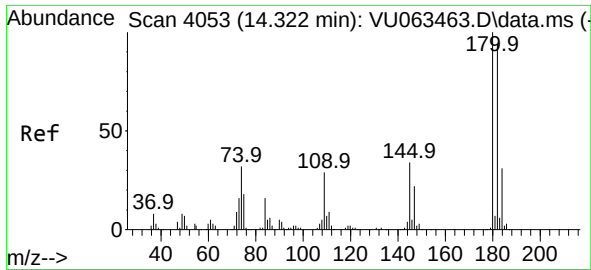
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#95
Naphthalene
Concen: 4.199 ug/l
RT: 14.088 min Scan# 3980
Delta R.T. 0.010 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

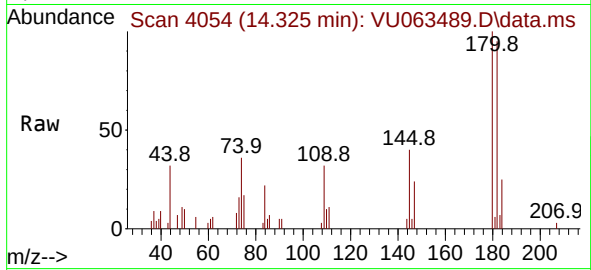
Tgt Ion:128 Resp: 24255
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 9.2 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.379 ug/l
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.004 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Instrument : MSVOA_U
 ClientSampleId : MDL05



Tgt Ion:180 Resp: 5850
 Ion Ratio Lower Upper
 180 100
 182 88.6 47.8 143.3
 145 31.7 17.2 51.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

