

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038908.D
 Acq On : 16 Jul 2025 15:19
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 06:17:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	534804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	920136	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	827538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	353046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	350328	53.613	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 107.220%			
35) Dibromofluoromethane	4.500	113	293483	46.781	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.560%			
50) Toluene-d8	7.236	98	1036655	54.667	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 109.340%			
62) 4-Bromofluorobenzene	10.001	95	369289	48.343	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	10124	2.154	ug/l	96
3) Chloromethane	1.230	50	11600	2.286	ug/l #	83
4) Vinyl Chloride	1.294	62	13287	2.288	ug/l	99
5) Bromomethane	1.490	94	12256	2.814	ug/l	99
6) Chloroethane	1.555	64	9753	2.512	ug/l	96
7) Trichlorofluoromethane	1.725	101	23220	2.260	ug/l	99
8) Diethyl Ether	1.921	74	7823	2.117	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	14317	2.330	ug/l	98
10) Methyl Iodide	2.198	142	13445	1.906	ug/l	95
11) Tert butyl alcohol	2.577	59	16602	11.036	ug/l #	90
12) 1,1-Dichloroethene	2.079	96	11894	2.124	ug/l	87
13) Acrolein	2.008	56	2584	11.878	ug/l	97
14) Allyl chloride	2.359	41	22686	2.543	ug/l #	88
15) Acrylonitrile	2.677	53	43922	11.409	ug/l	98
16) Acetone	2.124	43	34056	12.044	ug/l	96
17) Carbon Disulfide	2.252	76	31271	2.677	ug/l	99
18) Methyl Acetate	2.384	43	18519	1.936	ug/l	92
19) Methyl tert-butyl Ether	2.715	73	45021	2.145	ug/l	97
20) Methylene Chloride	2.458	84	16768	2.338	ug/l	93
21) trans-1,2-Dichloroethene	2.699	96	13965	2.344	ug/l	96
22) Diisopropyl ether	3.220	45	37191	2.087	ug/l #	71
23) Vinyl Acetate	3.198	43	149625	10.707	ug/l	100
24) 1,1-Dichloroethane	3.117	63	25959	2.224	ug/l #	95
25) 2-Butanone	3.892	43	41900	10.339	ug/l	93
26) 2,2-Dichloropropane	3.812	77	22880	2.239	ug/l	99
27) cis-1,2-Dichloroethene	3.834	96	14936m	2.183	ug/l	
28) Bromochloromethane	4.156	49	12039	2.665	ug/l #	91
29) Tetrahydrofuran	4.252	42	27618m	10.340	ug/l	
30) Chloroform	4.284	83	28882	2.244	ug/l	87
31) Cyclohexane	4.587	56	28185	3.679	ug/l #	70
32) 1,1,1-Trichloroethane	4.513	97	25460	2.268	ug/l	99
36) 1,1-Dichloropropene	4.751	75	16844m	2.336	ug/l	
37) Ethyl Acetate	4.011	43	22297m	2.627	ug/l	
38) Carbon Tetrachloride	4.735	117	19794m	2.067	ug/l	
39) Methylcyclohexane	6.050	83	17546	2.063	ug/l	93
40) Benzene	5.018	78	52502	2.148	ug/l	99

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Quant Time: Jul 17 06:17:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Manual Integrations
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 Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.204	41	6098	1.565	ug/l #	24
42) 1,2-Dichloroethane	5.050	62	19380	2.080	ug/l	97
43) Isopropyl Acetate	5.217	43	23020	1.715	ug/l #	84
44) Trichloroethene	5.841	130	13085	2.049	ug/l	96
45) 1,2-Dichloropropane	6.098	63	13423	2.079	ug/l #	84
46) Dibromomethane	6.239	93	10145	2.031	ug/l	97
47) Bromodichloromethane	6.436	83	21274	2.007	ug/l	96
48) Methyl methacrylate	6.333	41	15102m	2.592	ug/l	
49) 1,4-Dioxane	6.313	88	4866m	38.762	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	78743	8.614	ug/l	93
52) Toluene	7.317	92	32889	2.136	ug/l	96
53) t-1,3-Dichloropropene	7.596	75	17650	1.840	ug/l	90
54) cis-1,3-Dichloropropene	6.966	75	19876	1.917	ug/l	90
55) 1,1,2-Trichloroethane	7.770	97	14544	1.976	ug/l	94
56) Ethyl methacrylate	7.734	69	13815	1.580	ug/l #	83
57) 1,3-Dichloropropane	7.944	76	21515	1.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.828	63	37326	7.072	ug/l	97
59) 2-Hexanone	8.079	43	51329	7.543	ug/l	93
60) Dibromochloromethane	8.172	129	17165	1.981	ug/l	91
61) 1,2-Dibromoethane	8.284	107	13818	1.864	ug/l	93
64) Tetrachloroethene	7.902	164	12367	2.279	ug/l	94
65) Chlorobenzene	8.812	112	40409	2.235	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.902	131	14834	2.057	ug/l	95
67) Ethyl Benzene	8.943	91	50394	1.877	ug/l	97
68) m/p-Xylenes	9.069	106	38657	3.698	ug/l	100
69) o-Xylene	9.474	106	18748	1.900	ug/l	94
70) Styrene	9.500	104	29313	1.681	ug/l	99
71) Bromoform	9.660	173	11925	2.035	ug/l #	99
73) Isopropylbenzene	9.860	105	49332	2.339	ug/l	99
74) N-amyl acetate	9.741	43	16921	2.190	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.172	83	24196	2.738	ug/l	96
76) 1,2,3-Trichloropropane	10.204	75	17625	2.685	ug/l	91
77) Bromobenzene	10.149	156	14809	2.676	ug/l	99
78) n-propylbenzene	10.284	91	63353	2.570	ug/l	99
79) 2-Chlorotoluene	10.355	91	38525	2.457	ug/l	98
80) 1,3,5-Trimethylbenzene	10.468	105	41564	2.336	ug/l	97
81) trans-1,4-Dichloro-2-b...	9.940	75	5576m	2.073	ug/l	
82) 4-Chlorotoluene	10.471	91	40998	2.339	ug/l	96
83) tert-Butylbenzene	10.789	119	45526	2.441	ug/l	97
84) 1,2,4-Trimethylbenzene	10.844	105	38311	2.189	ug/l	95
85) sec-Butylbenzene	11.014	105	54563	2.292	ug/l	97
86) p-Isopropyltoluene	11.172	119	43292	2.142	ug/l	98
87) 1,3-Dichlorobenzene	11.117	146	26641	2.359	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	30361	2.471	ug/l	87
89) n-Butylbenzene	11.586	91	40723	2.207	ug/l	97
90) Hexachloroethane	11.824	117	12010	2.498	ug/l	87
91) 1,2-Dichlorobenzene	11.577	146	26763	2.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.361	75	4528	2.267	ug/l	96
93) 1,2,4-Trichlorobenzene	13.194	180	13426	2.074	ug/l	94
94) Hexachlorobutadiene	13.368	225	8681	2.605	ug/l	95
95) Naphthalene	13.432	128	41648	1.959	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	14204	2.117	ug/l	97

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

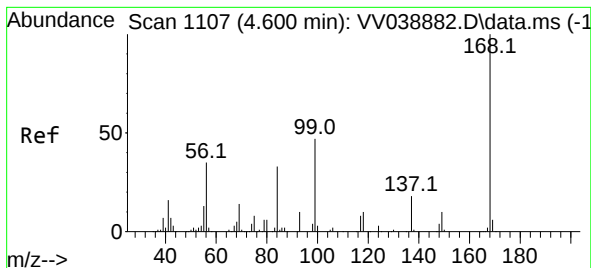
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 06:17:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.004 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:168 Resp: 534804

Ion Ratio Lower Upper

168 100

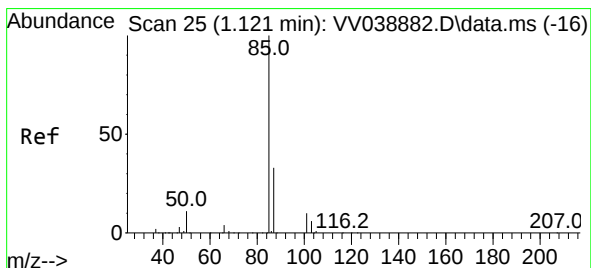
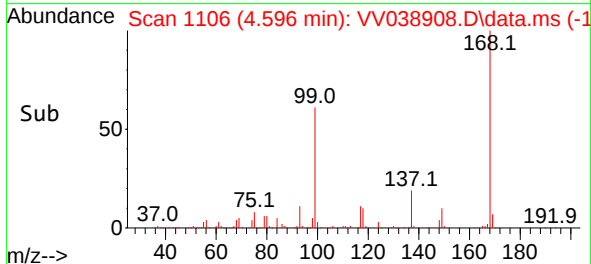
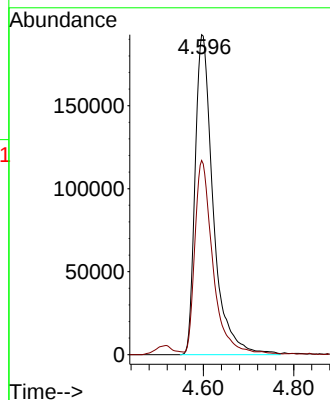
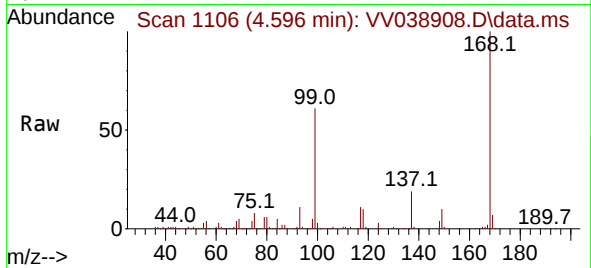
99 60.4 48.6 73.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/17/2025



#2

Dichlorodifluoromethane

Concen: 2.154 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038908.D

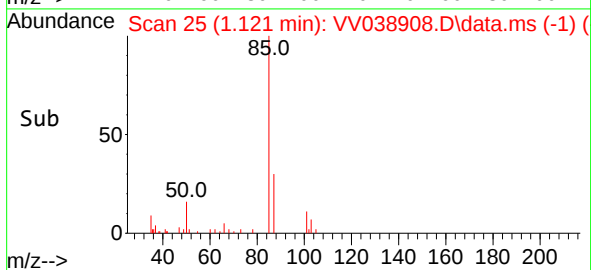
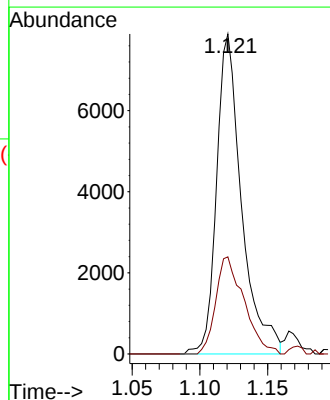
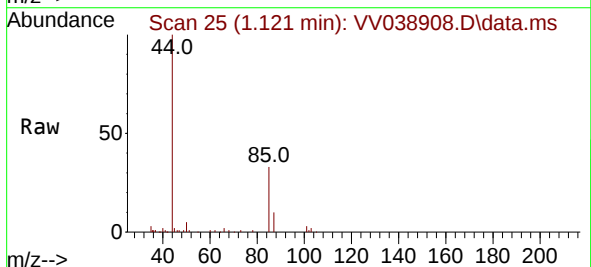
Acq: 16 Jul 2025 15:19

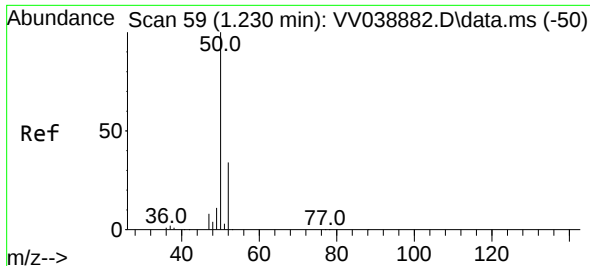
Tgt Ion: 85 Resp: 10124

Ion Ratio Lower Upper

85 100

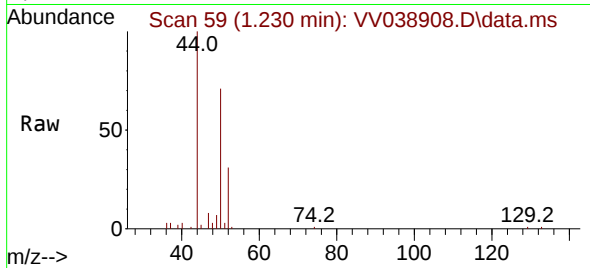
87 30.3 16.3 48.8





#3
Chloromethane
Concen: 2.286 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

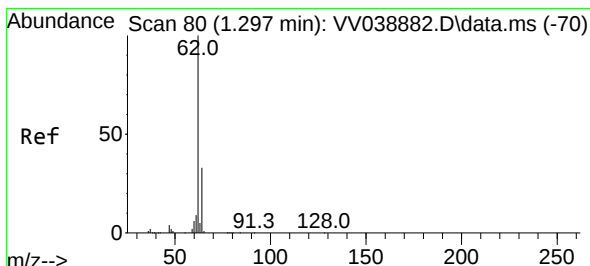
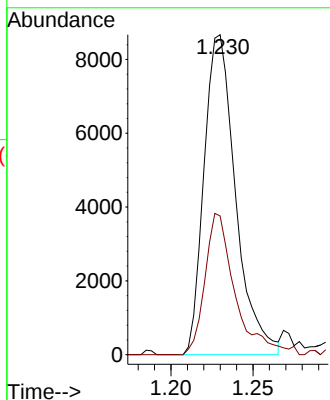
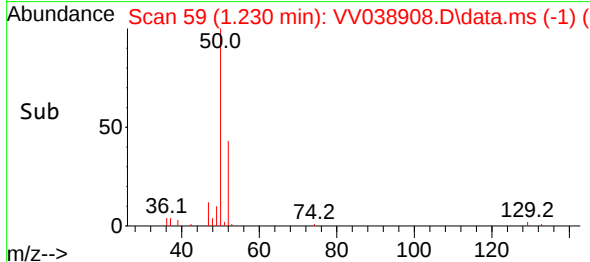
Instrument :
MSVOA_V
ClientSampleId :
MDL04



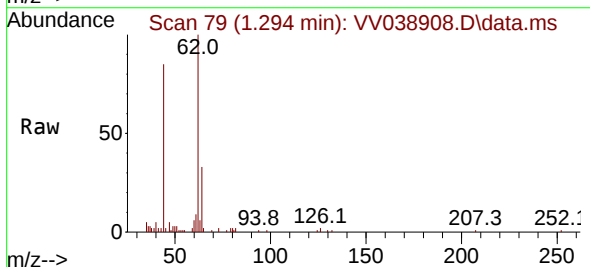
Tgt Ion: 50 Resp: 11600
Ion Ratio Lower Upper
50 100
52 43.3 26.9 40.3

Manual Integrations
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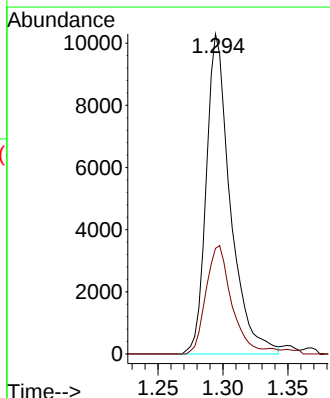
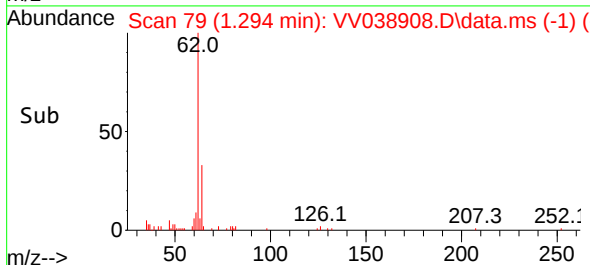
Reviewed By :Mahesh Dadoda 07/17/2025
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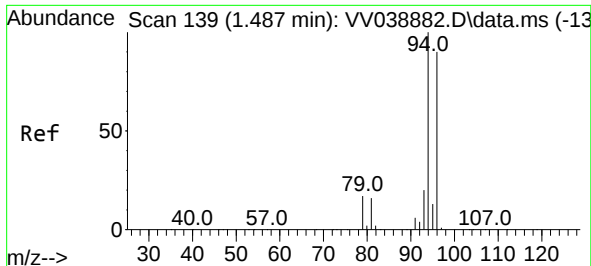


#4
Vinyl Chloride
Concen: 2.288 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



Tgt Ion: 62 Resp: 13287
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2





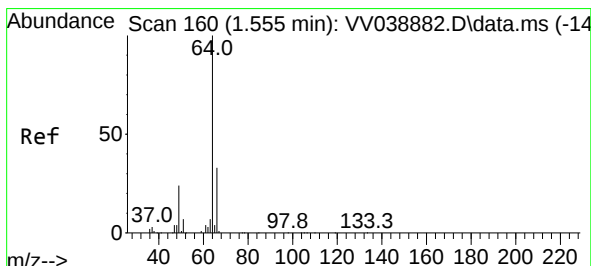
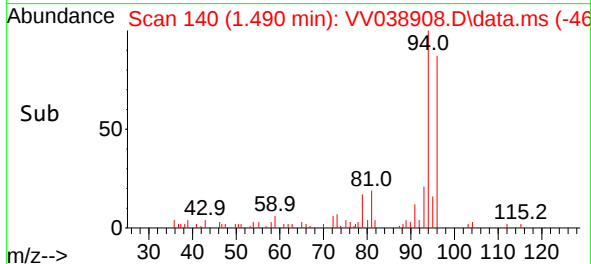
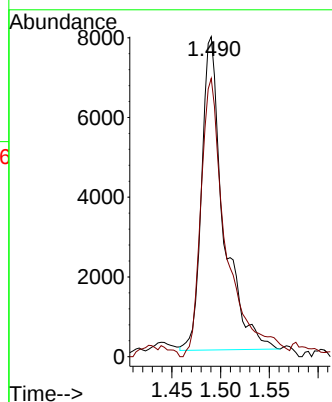
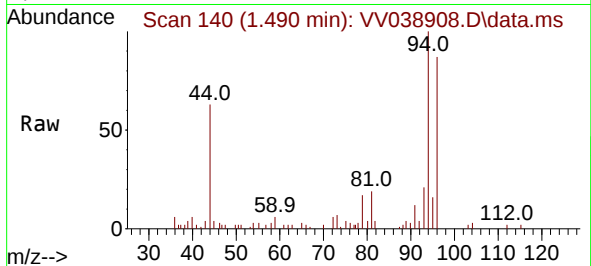
#5
Bromomethane
Concen: 2.814 ug/l
RT: 1.490 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
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Tgt Ion: 94 Resp: 1225
Ion Ratio Lower Upper
94 100
96 89.1 71.9 107.9

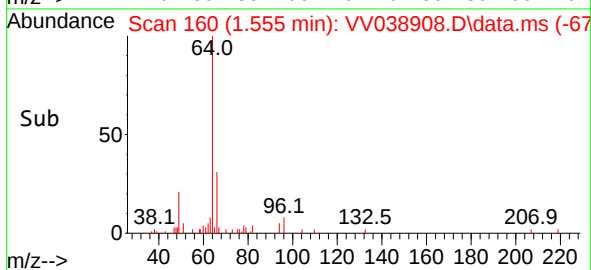
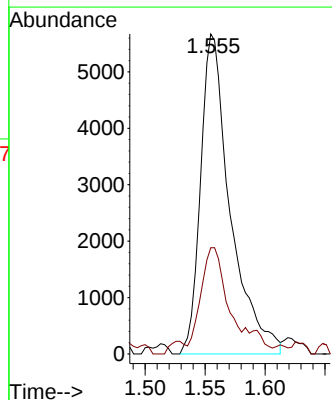
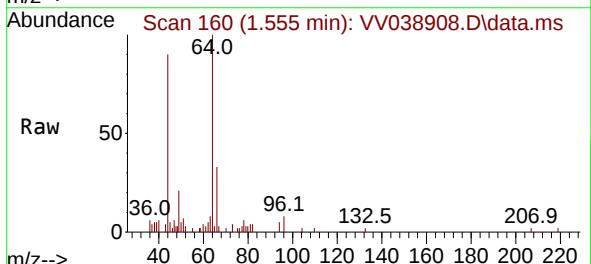
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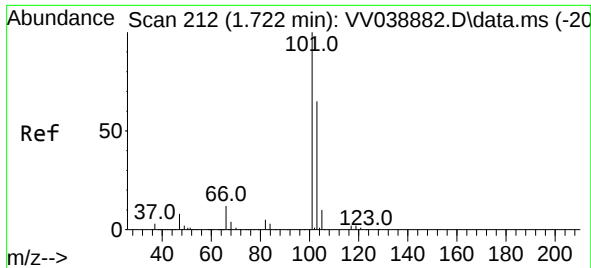
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 2.512 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

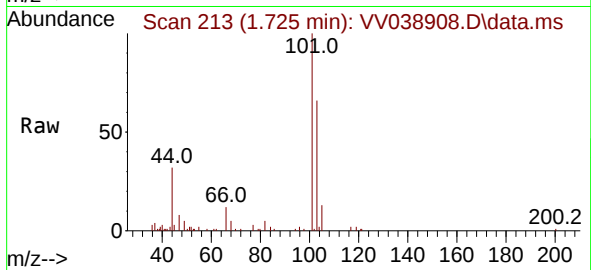
Tgt Ion: 64 Resp: 9753
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 2.260 ug/l
 RT: 1.725 min Scan# 212
 Delta R.T. 0.003 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19

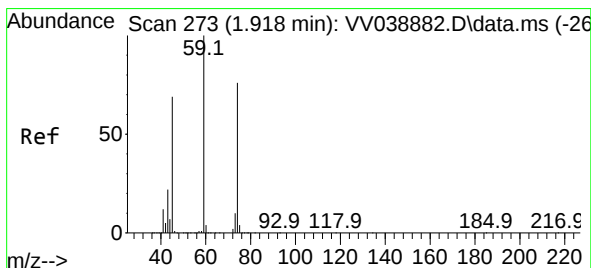
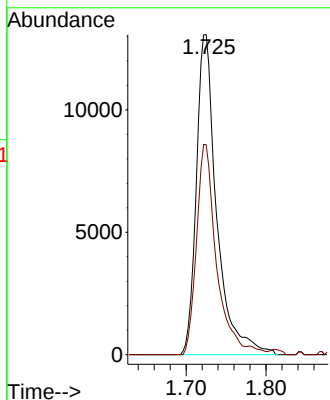
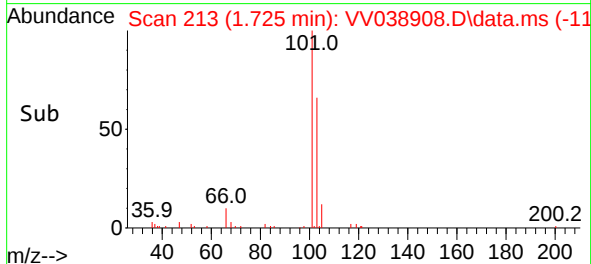
Instrument :
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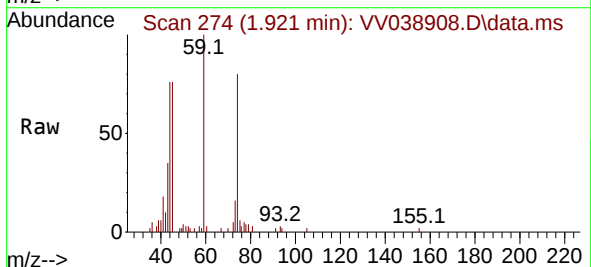
Tgt Ion:101 Resp: 23220
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.6

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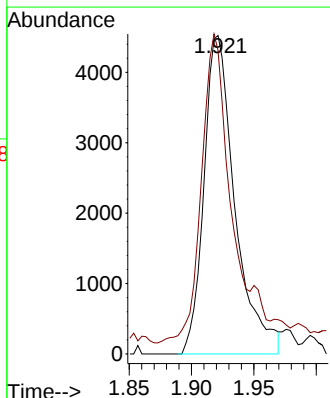
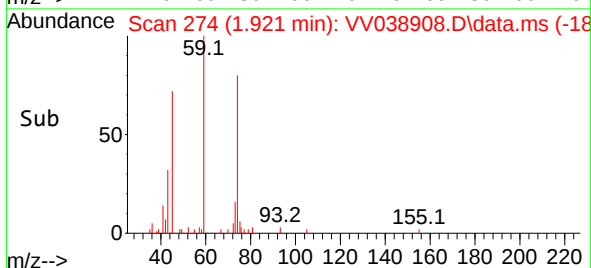
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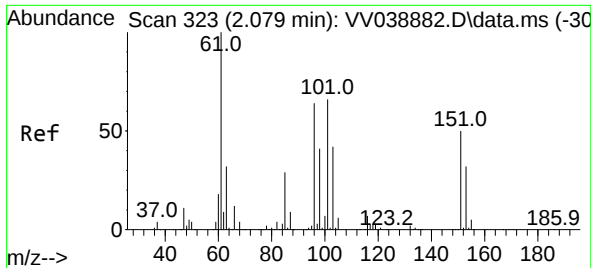


#8
 Diethyl Ether
 Concen: 2.117 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19



Tgt Ion: 74 Resp: 7823
 Ion Ratio Lower Upper
 74 100
 45 94.1 45.5 136.5





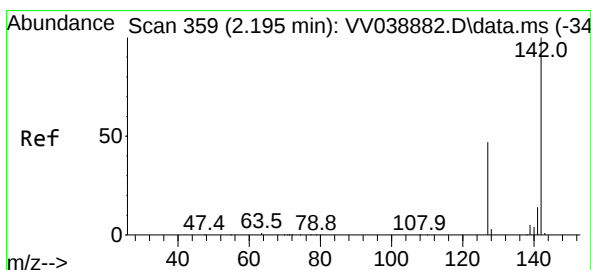
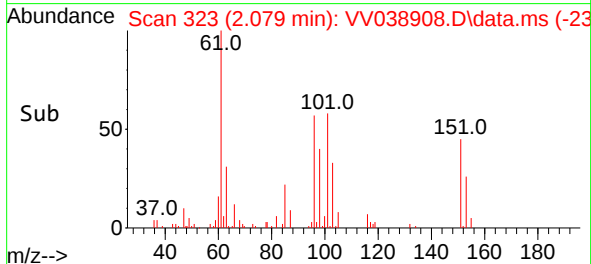
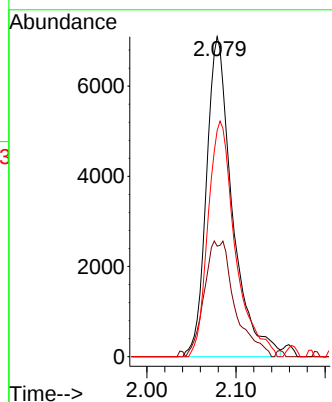
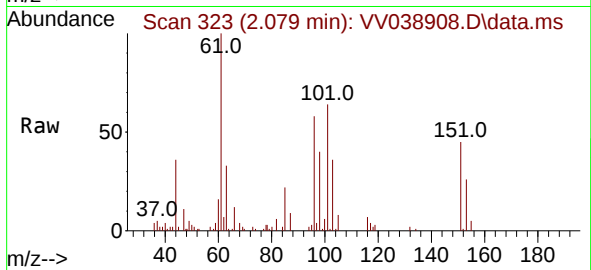
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.330 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 1431
Ion Ratio Lower Upper
101 100
85 42.4 35.0 52.6
151 77.1 60.1 90.1

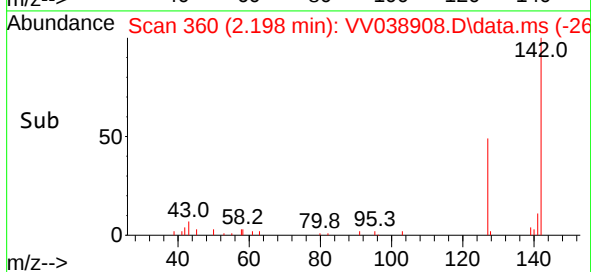
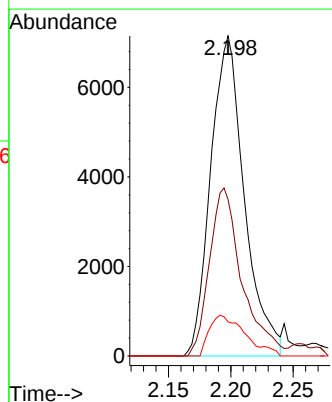
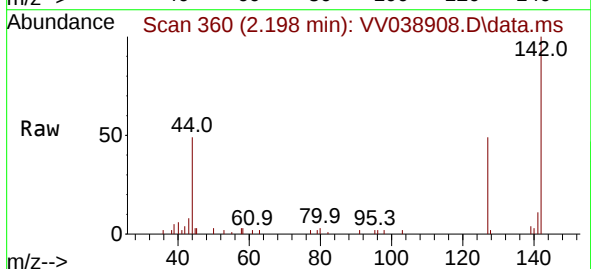
Manual Integrations
APPROVED

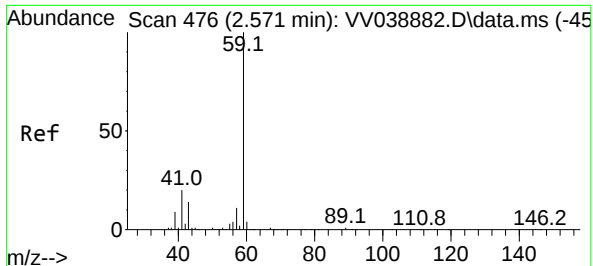
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Methyl Iodide
Concen: 1.906 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion:142 Resp: 13445
Ion Ratio Lower Upper
142 100
127 50.7 37.3 55.9
141 13.5 11.2 16.8





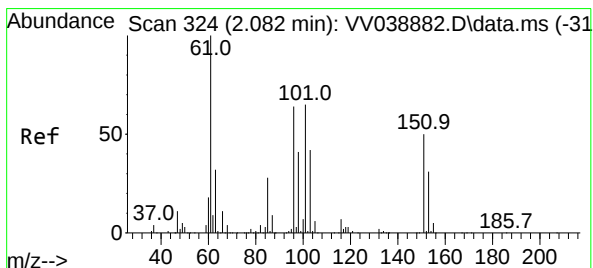
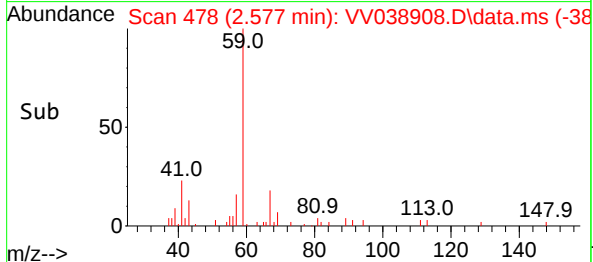
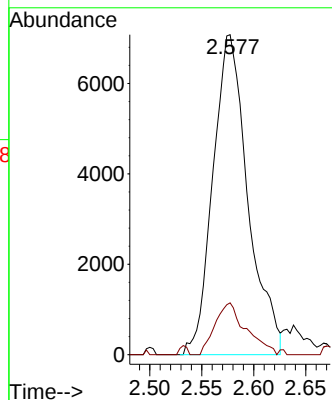
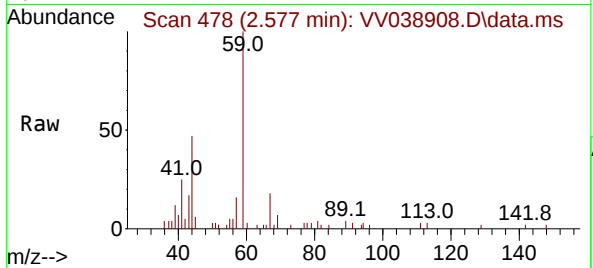
#11
Tert butyl alcohol
Concen: 11.036 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 59 Resp: 1660
Ion Ratio Lower Upper
59 100
57 14.4 8.6 12.8

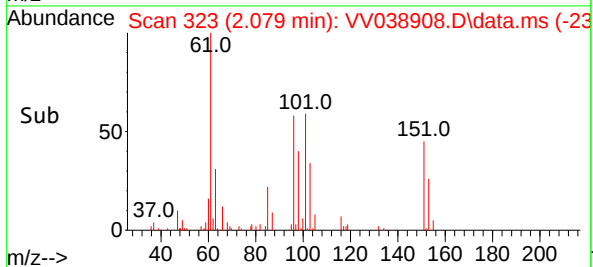
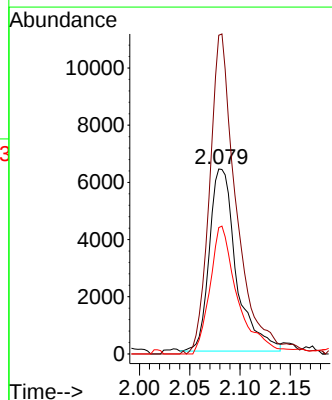
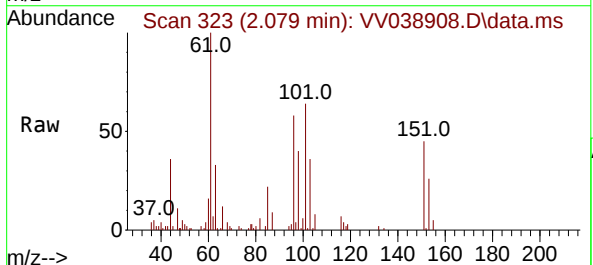
Manual Integrations
APPROVED

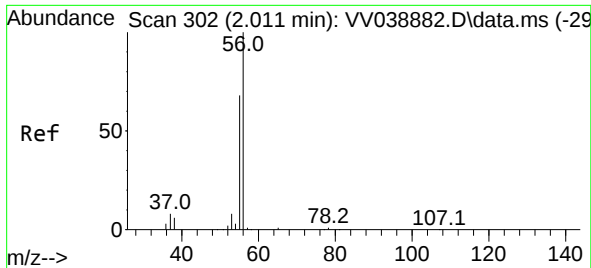
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#12
1,1-Dichloroethene
Concen: 2.124 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

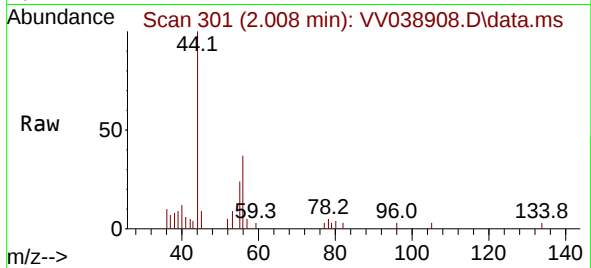
Tgt Ion: 96 Resp: 11894
Ion Ratio Lower Upper
96 100
61 175.1 124.1 186.1
98 69.5 50.6 75.8





#13
Acrolein
Concen: 11.878 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

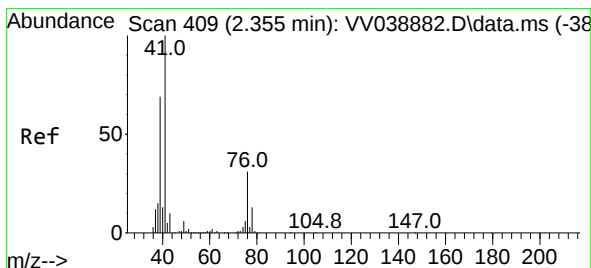
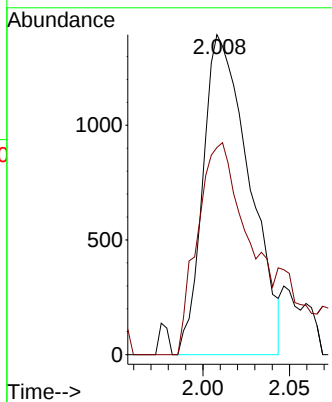
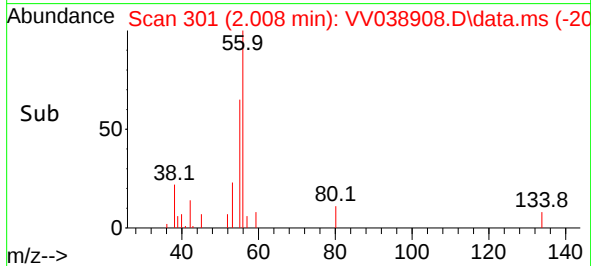
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 56 Resp: 2584
Ion Ratio Lower Upper
56 100
55 73.4 56.7 85.1

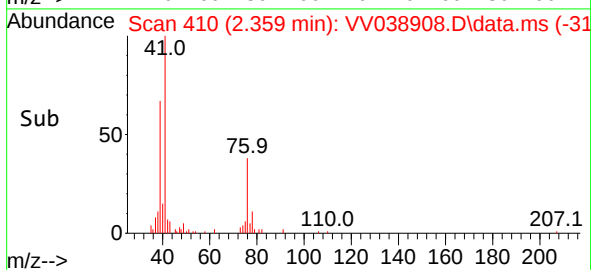
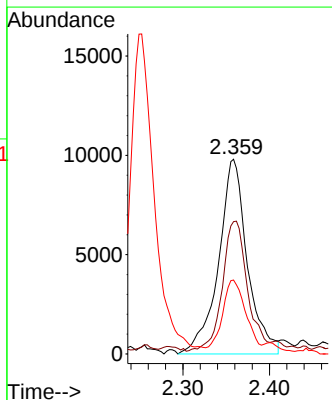
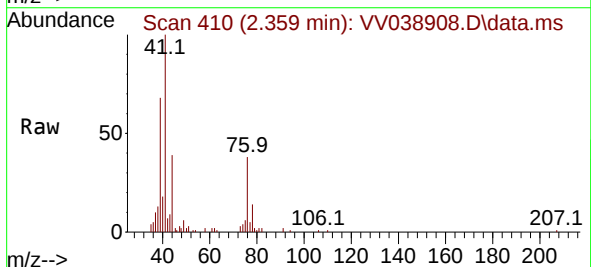
Manual Integrations
APPROVED

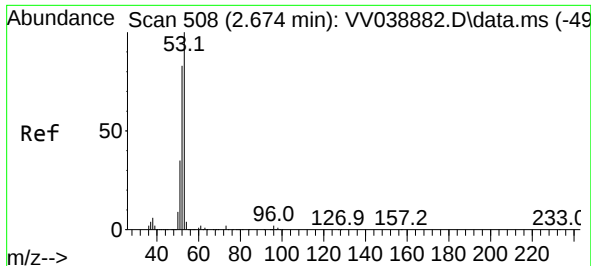
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#14
Allyl chloride
Concen: 2.543 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

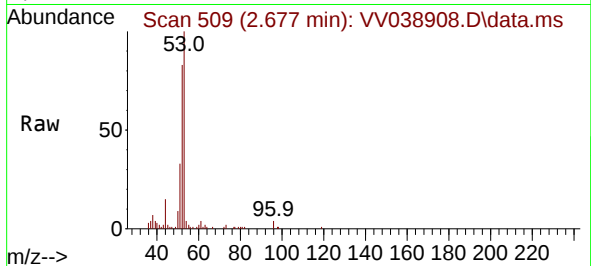
Tgt Ion: 41 Resp: 22686
Ion Ratio Lower Upper
41 100
39 57.2 50.6 76.0
76 26.5 30.4 45.6#





#15
Acrylonitrile
Concen: 11.409 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

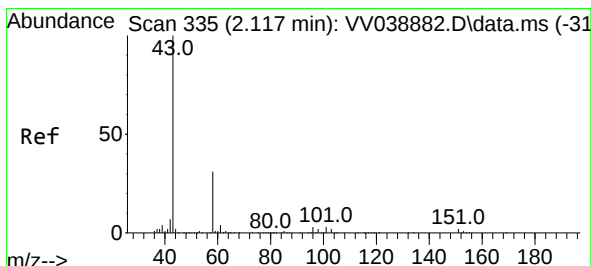
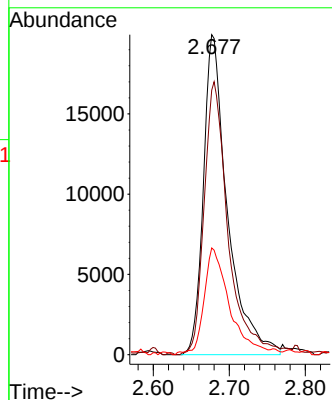
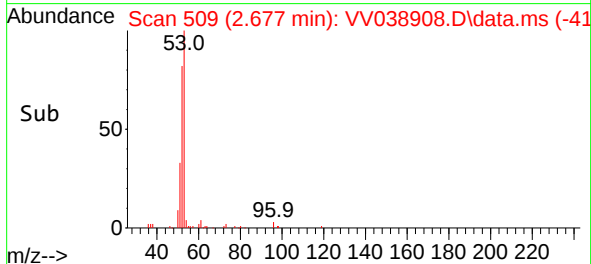
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 53 Resp: 4392
Ion Ratio Lower Upper
53 100
52 84.7 66.6 99.8
51 35.0 28.7 43.1

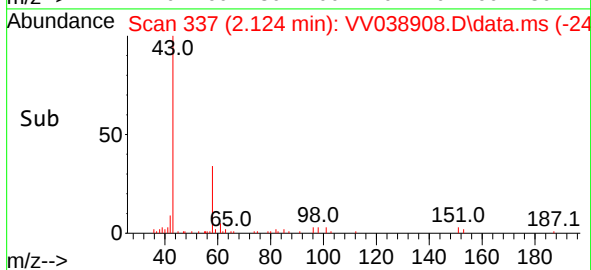
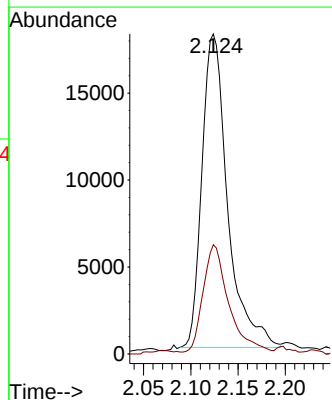
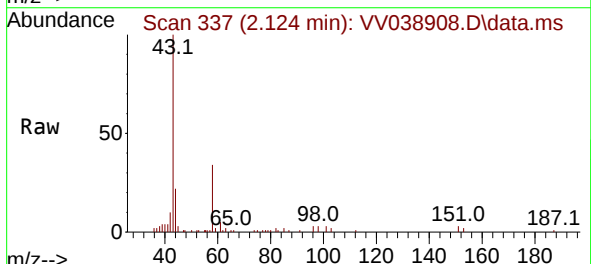
Manual Integrations
APPROVED

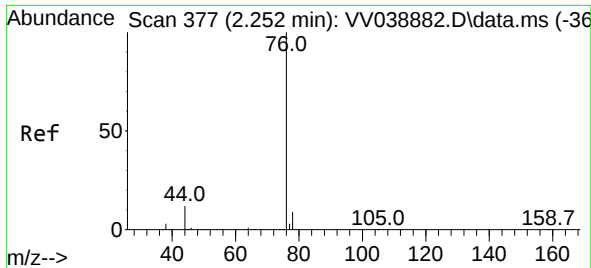
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
Acetone
Concen: 12.044 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

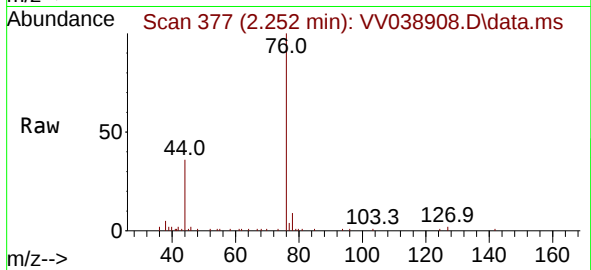
Tgt Ion: 43 Resp: 34056
Ion Ratio Lower Upper
43 100
58 34.2 25.8 38.6





#17
Carbon Disulfide
Concen: 2.677 ug/l
RT: 2.252 min Scan# 3127
Delta R.T. 0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

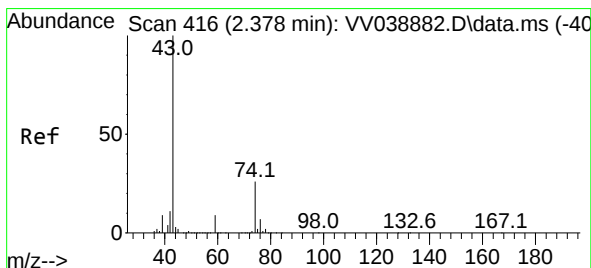
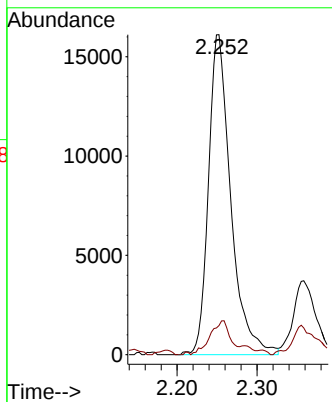
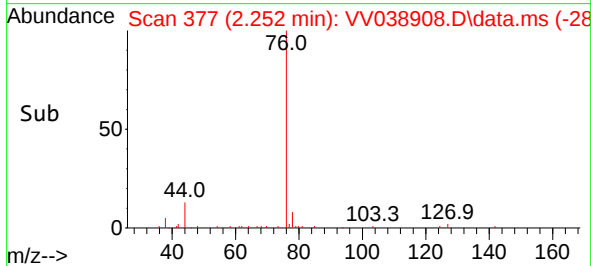
Instrument :
MSVOA_V
ClientSampleId :
MDL04



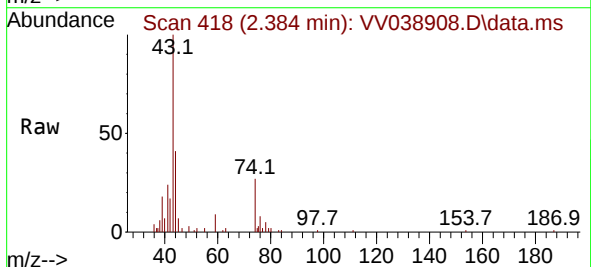
Tgt Ion: 76 Resp: 3127
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

Manual Integrations
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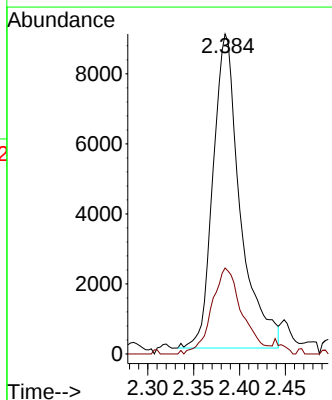
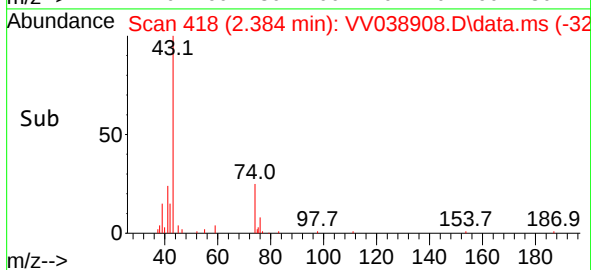
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

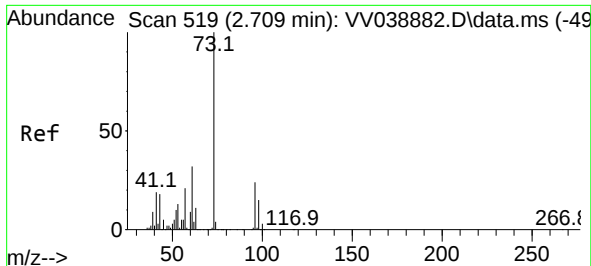


#18
Methyl Acetate
Concen: 1.936 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



Tgt Ion: 43 Resp: 18519
Ion Ratio Lower Upper
43 100
74 30.6 21.1 31.7





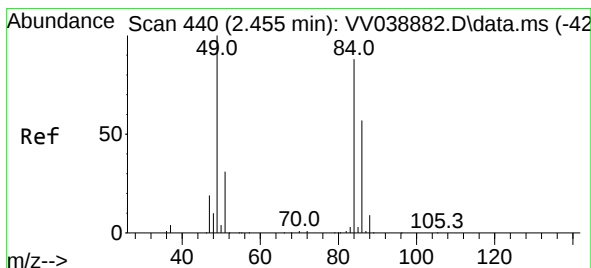
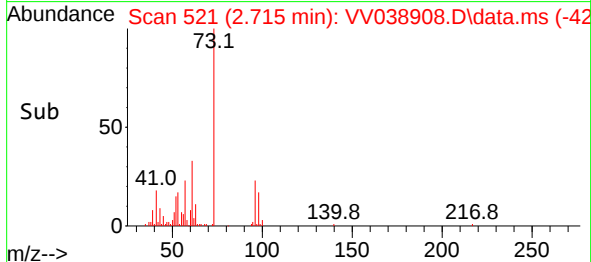
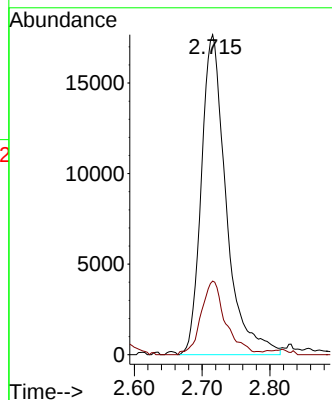
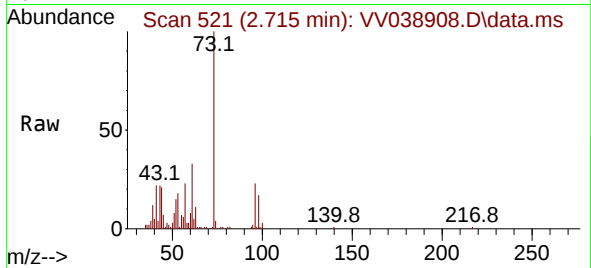
#19
Methyl tert-butyl Ether
Concen: 2.145 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 4502
Ion Ratio Lower Upper
73 100
57 22.0 16.5 24.7

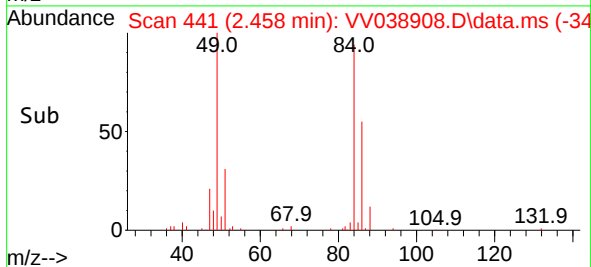
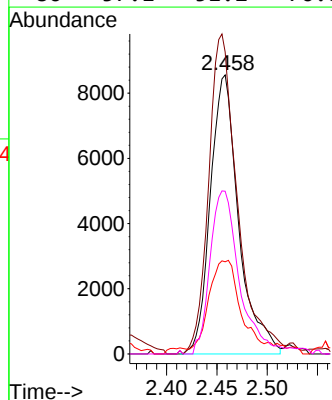
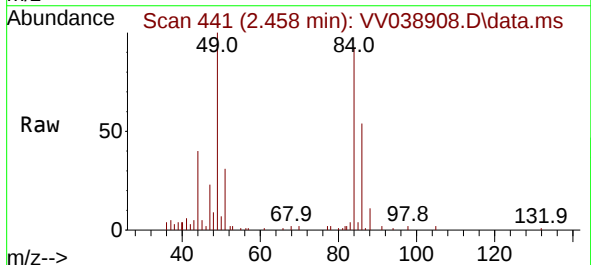
Manual Integrations
APPROVED

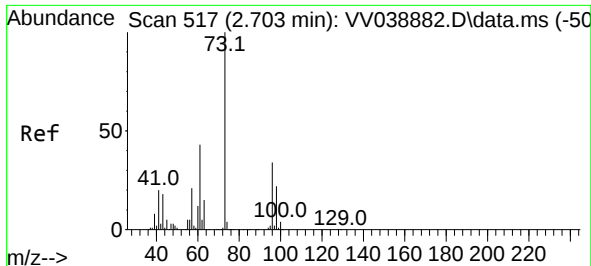
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20
Methylene Chloride
Concen: 2.338 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

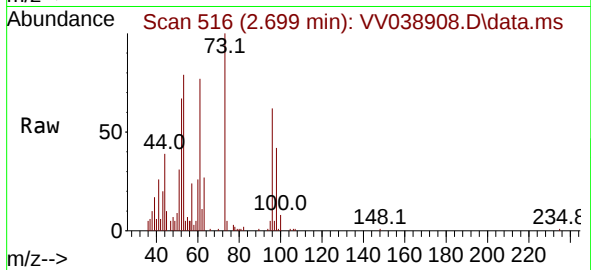
Tgt Ion: 84 Resp: 16768
Ion Ratio Lower Upper
84 100
49 107.0 90.5 135.7
51 30.8 27.8 41.6
86 57.1 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 2.344 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

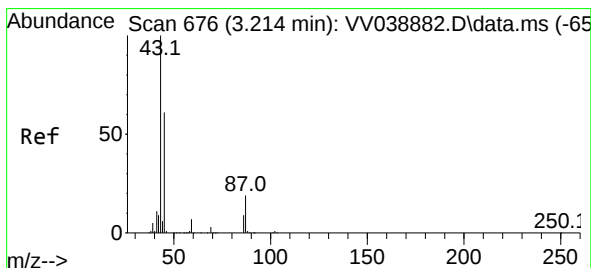
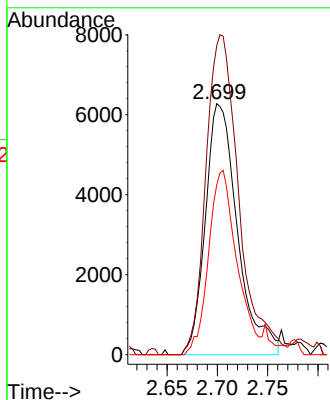
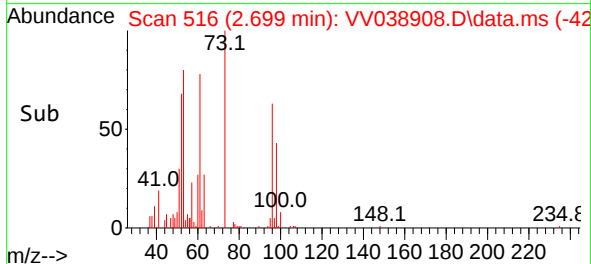
Instrument : MSVOA_V
ClientSampleId : MDL04



Tgt Ion: 96 Resp: 1396
Ion Ratio Lower Upper
96 100
61 123.1 102.0 153.0
98 67.7 51.0 76.6

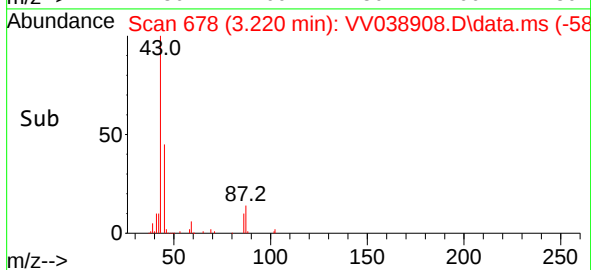
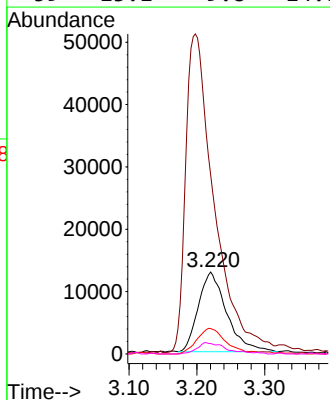
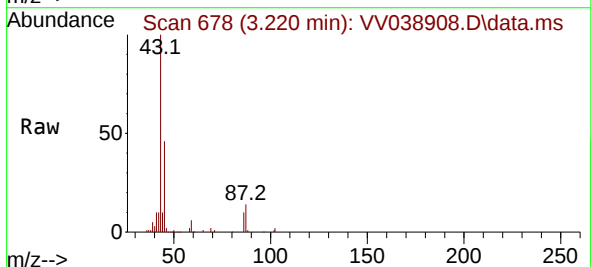
Manual Integrations
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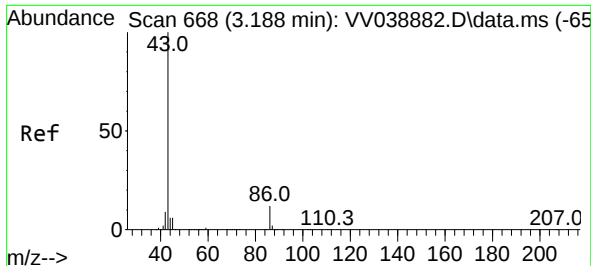
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
Diisopropyl ether
Concen: 2.087 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

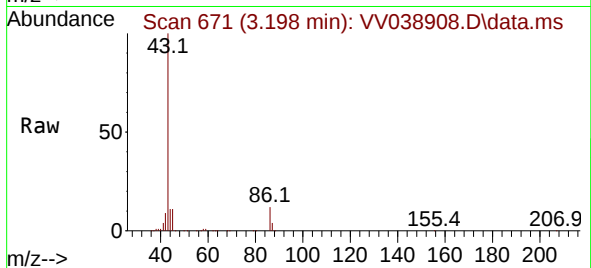
Tgt Ion: 45 Resp: 37191
Ion Ratio Lower Upper
45 100
43 213.1 132.1 198.1#
87 31.8 25.0 37.4
59 13.1 9.8 14.8





#23
 Vinyl Acetate
 Concen: 10.707 ug/l
 RT: 3.198 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19

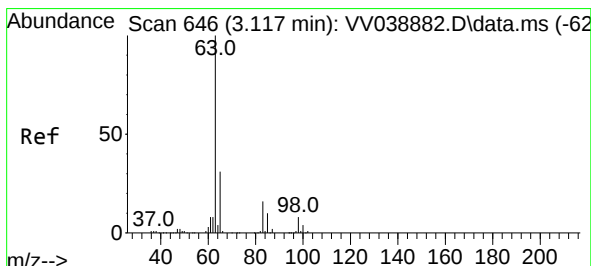
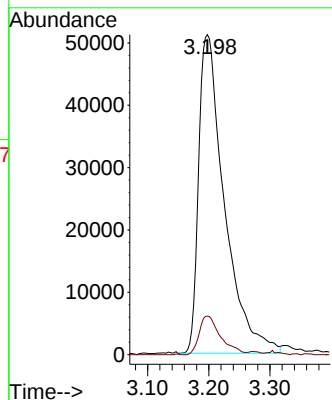
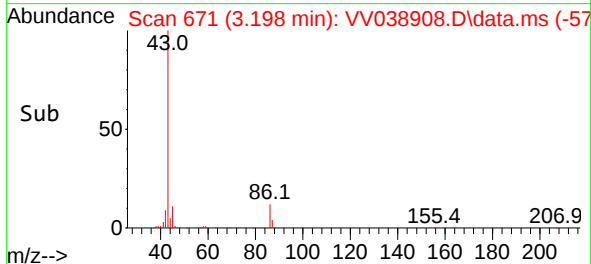
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



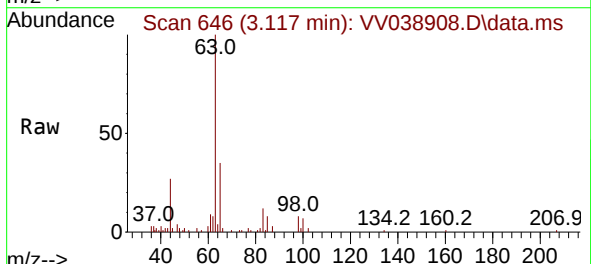
Tgt Ion: 43 Resp: 14962
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.6

Manual Integrations
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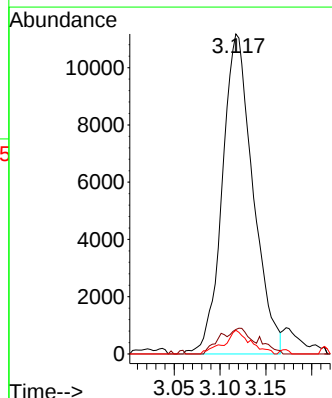
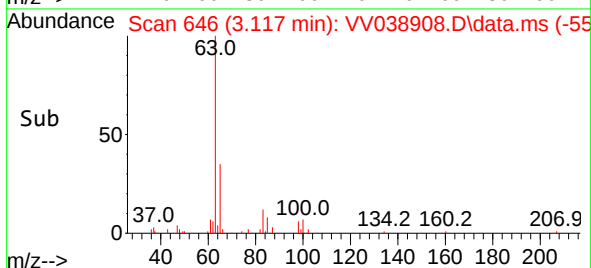
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

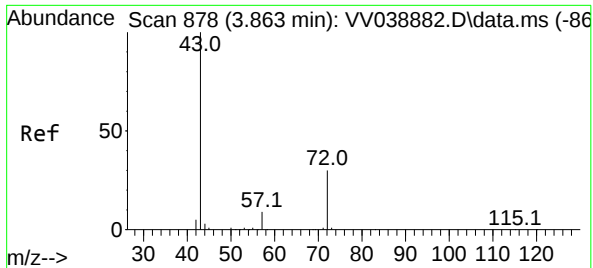


#24
 1,1-Dichloroethane
 Concen: 2.224 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19



Tgt Ion: 63 Resp: 25959
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 7.4 2.2 6.6#





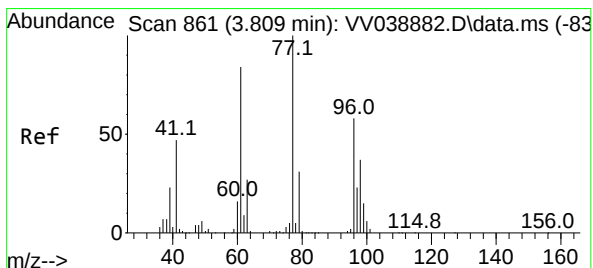
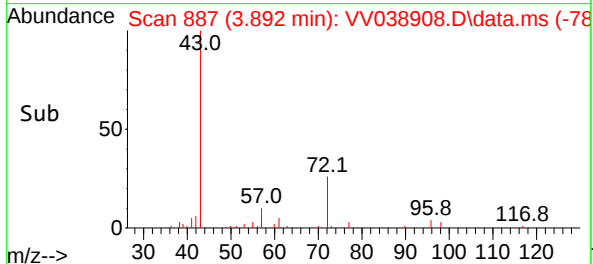
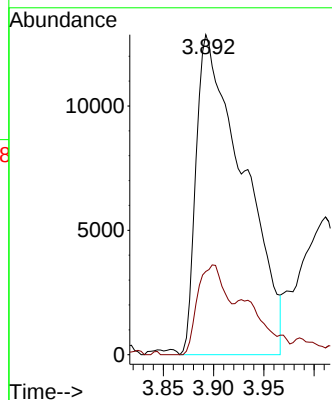
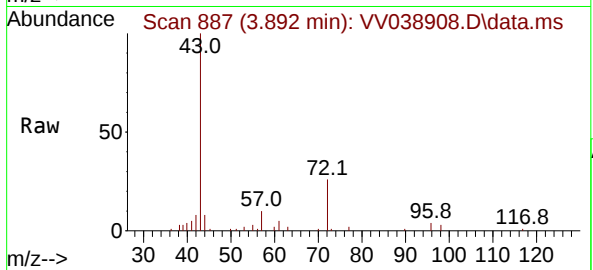
#25
2-Butanone
Concen: 10.339 ug/l
RT: 3.892 min Scan# 81
Delta R.T. 0.029 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 41900
Ion Ratio Lower Upper
43 100
72 26.0 23.9 35.9

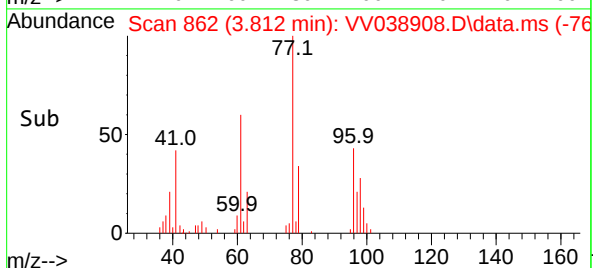
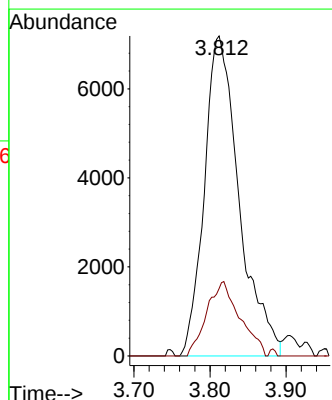
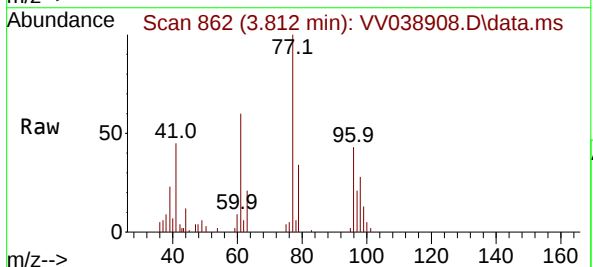
Manual Integrations
APPROVED

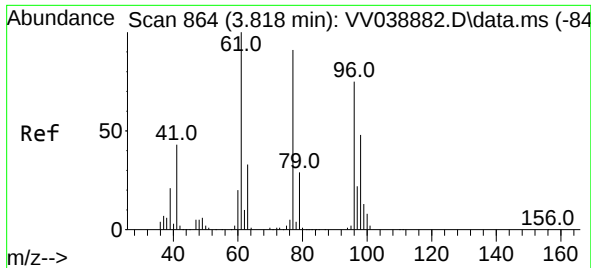
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#26
2,2-Dichloropropane
Concen: 2.239 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

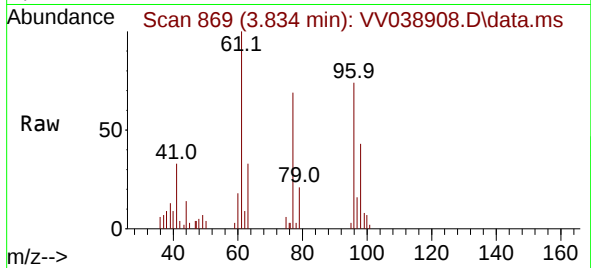
Tgt Ion: 77 Resp: 22880
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 2.183 ug/l m
 RT: 3.834 min Scan# 864
 Delta R.T. 0.016 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19

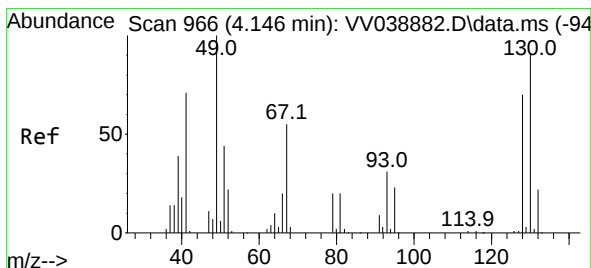
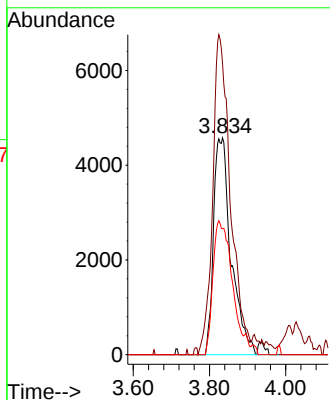
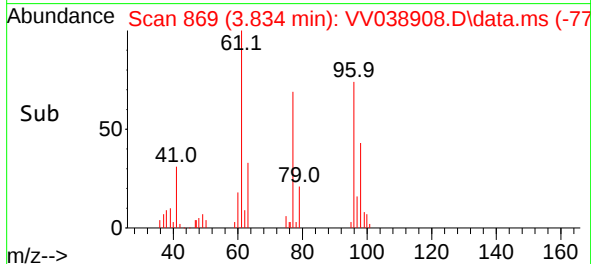
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



Tgt Ion: 96 Resp: 14930
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 275.0
 98 64.3 0.0 130.0

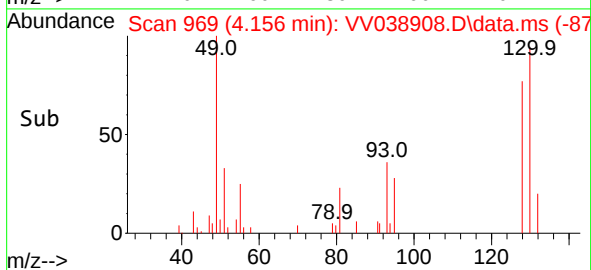
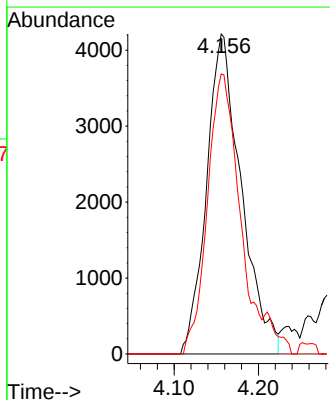
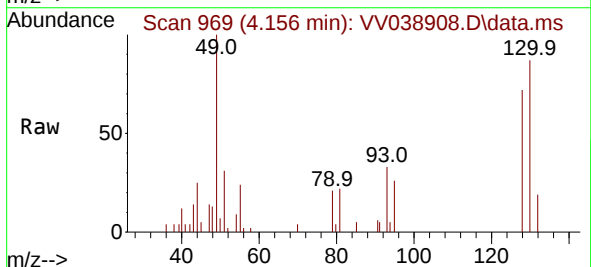
Manual Integrations
 APPROVED

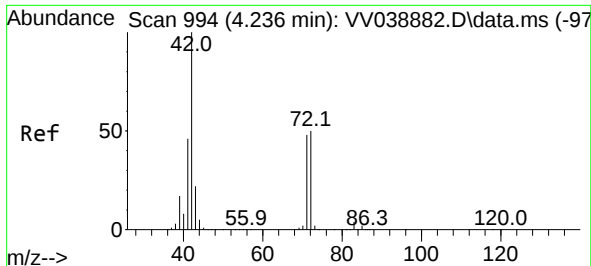
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#28
 Bromochloromethane
 Concen: 2.665 ug/l
 RT: 4.156 min Scan# 969
 Delta R.T. 0.010 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19

Tgt Ion: 49 Resp: 12039
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 79.6 70.1 105.1





#29

Tetrahydrofuran

Concen: 10.340 ug/l m

RT: 4.252 min Scan# 994

Delta R.T. 0.016 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

MDL04

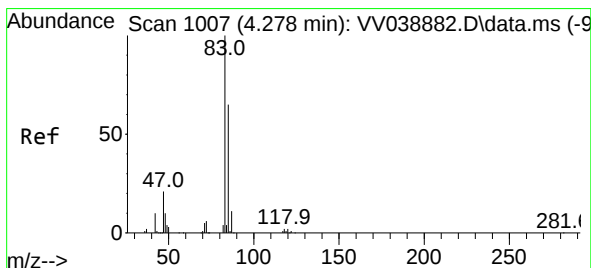
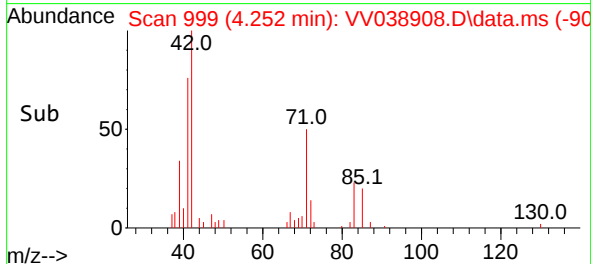
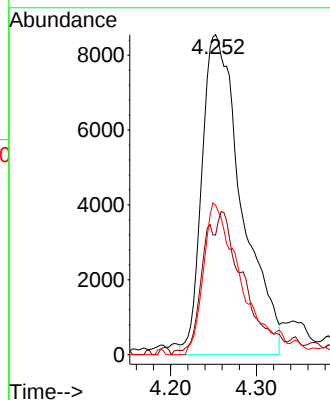
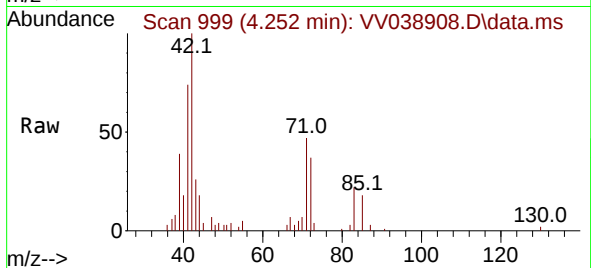
Tgt Ion:	42	Resp:	27618
Ion Ratio	Lower	Upper	
42	100		
72	15.8	41.6	62.4
71	42.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#30

Chloroform

Concen: 2.244 ug/l

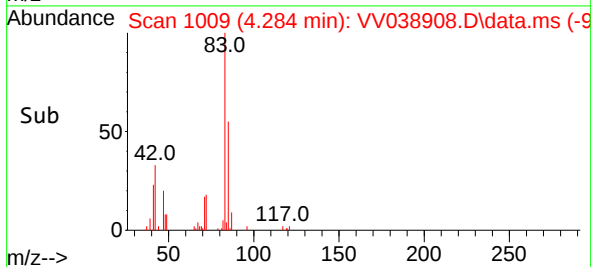
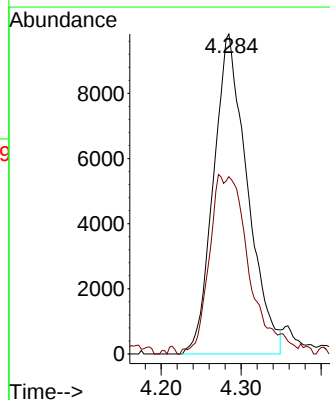
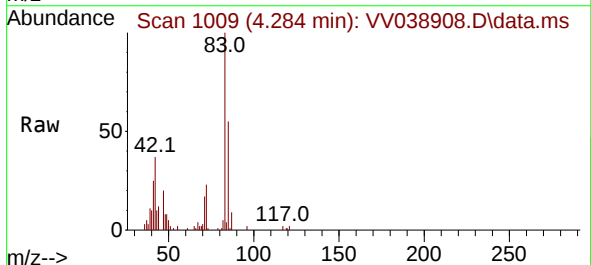
RT: 4.284 min Scan# 1009

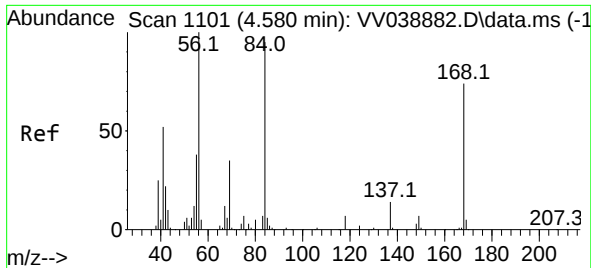
Delta R.T. 0.006 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

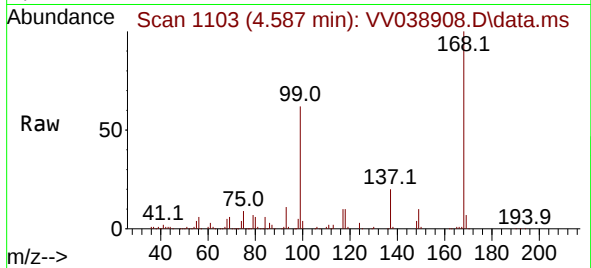
Tgt Ion:	83	Resp:	28882
Ion Ratio	Lower	Upper	
83	100		
85	55.4	52.2	78.4





#31
Cyclohexane
Concen: 3.679 ug/l
RT: 4.587 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

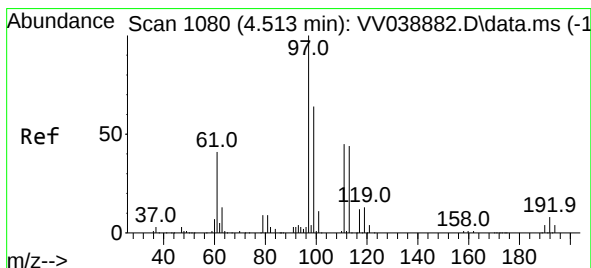
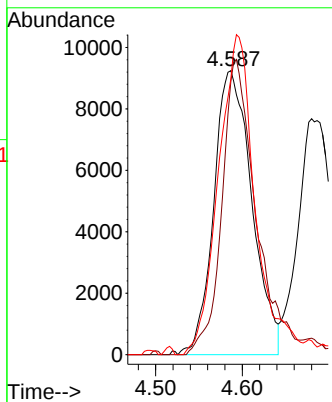
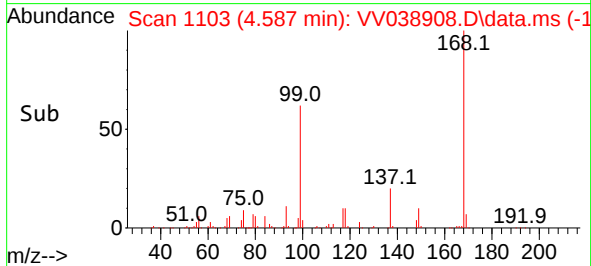
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 56 Resp: 2818
Ion Ratio Lower Upper
56 100
69 96.1 28.2 42.2
84 97.1 76.0 114.0

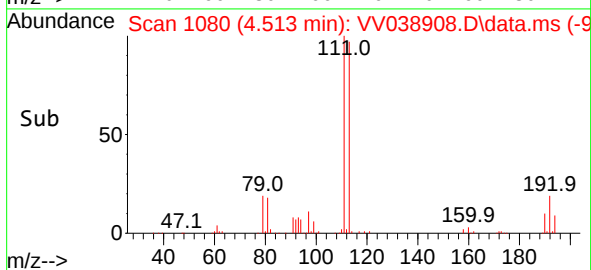
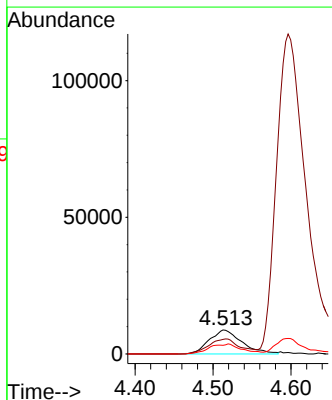
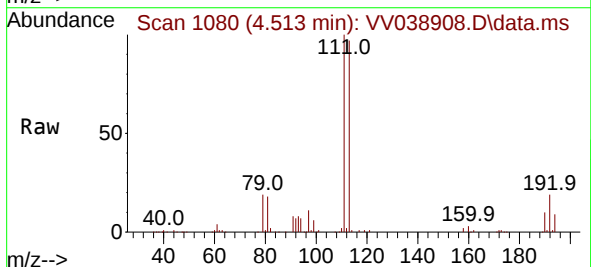
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#32
1,1,1-Trichloroethane
Concen: 2.268 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion: 97 Resp: 25460
Ion Ratio Lower Upper
97 100
99 61.8 50.1 75.1
61 41.6 32.6 49.0





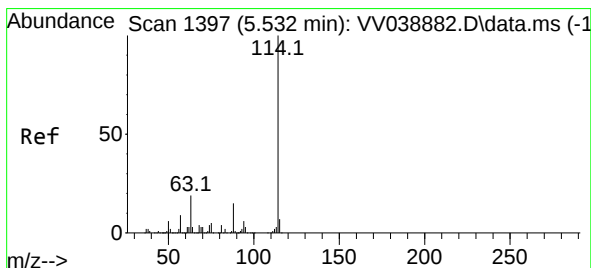
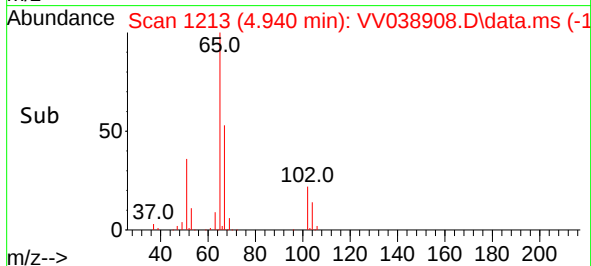
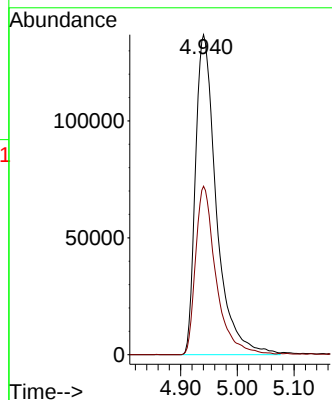
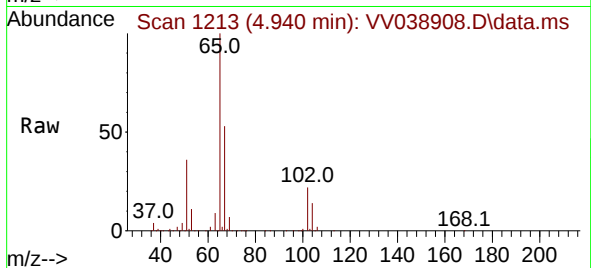
#33
1,2-Dichloroethane-d4
Concen: 53.613 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 65 Resp: 350328
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0

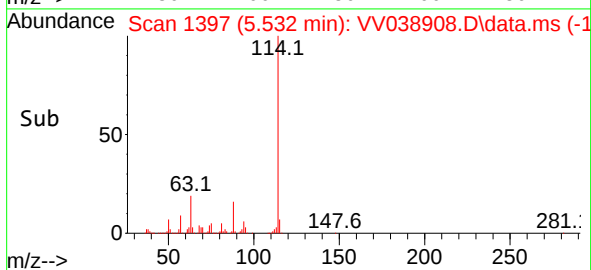
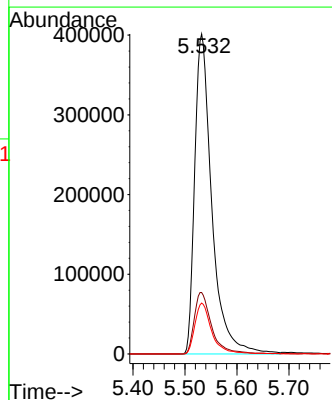
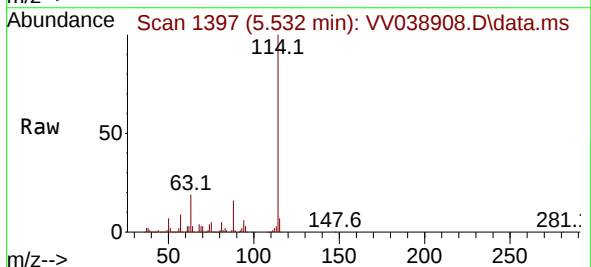
Manual Integrations
APPROVED

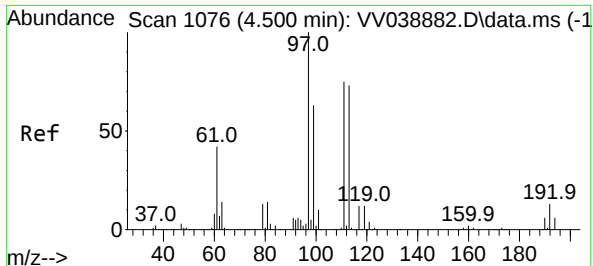
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

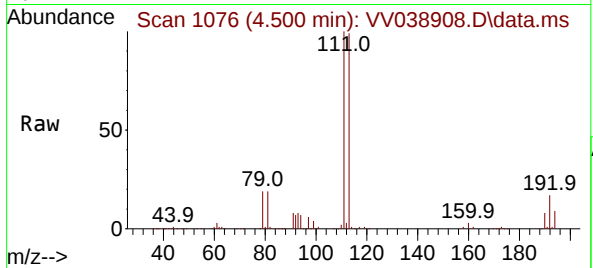
Tgt Ion:114 Resp: 920136
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.2
88 15.9 0.0 30.8





#35
Dibromofluoromethane
Concen: 46.781 ug/l
RT: 4.500 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

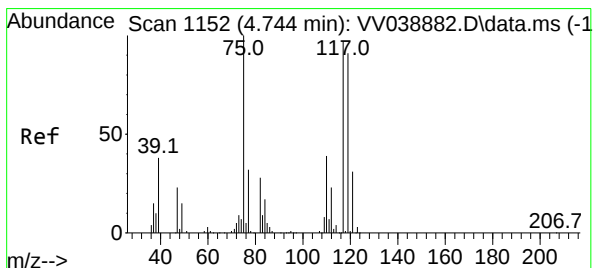
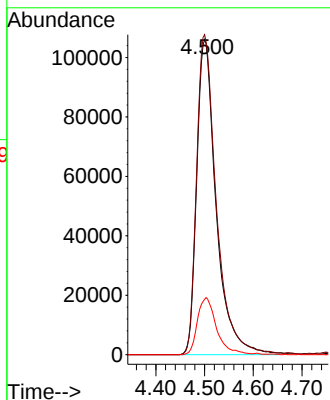
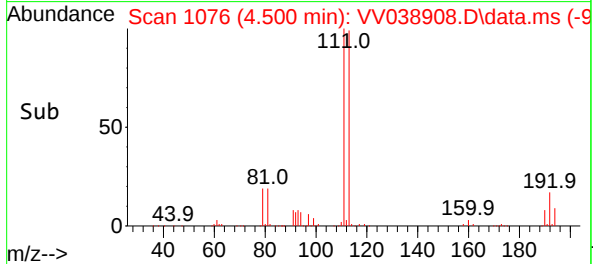
Instrument :
MSVOA_V
ClientSampleId :
MDL04



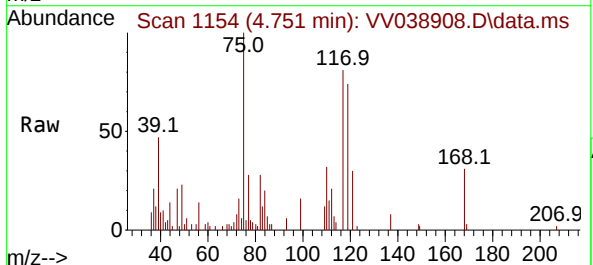
Tgt Ion: 113 Resp: 29348
Ion Ratio Lower Upper
113 100
111 103.0 83.3 124.9
192 17.8 14.2 21.4

Manual Integrations
APPROVED

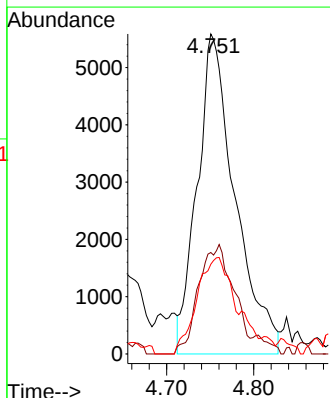
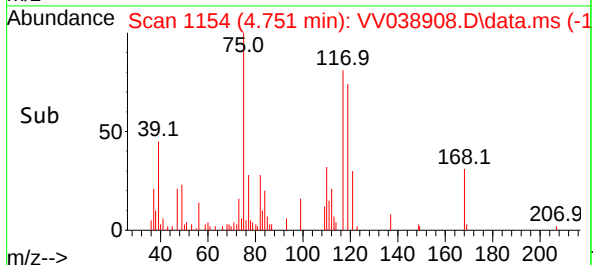
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

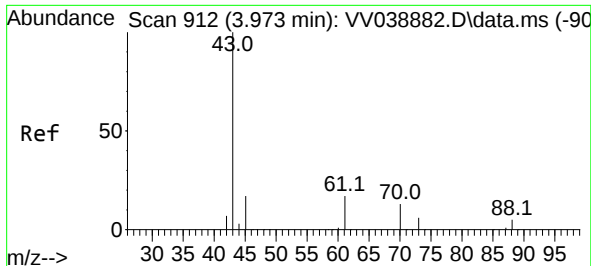


#36
1,1-Dichloropropene
Concen: 2.336 ug/l m
RT: 4.751 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



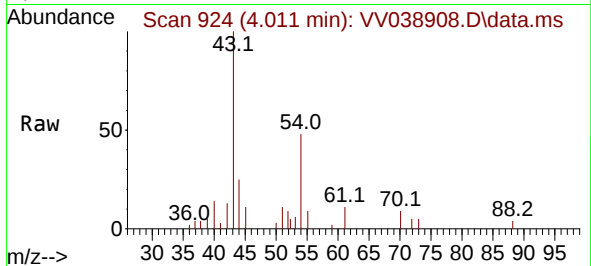
Tgt Ion: 75 Resp: 16844
Ion Ratio Lower Upper
75 100
110 31.5 18.8 56.3
77 31.7 24.2 36.4





#37
Ethyl Acetate
Concen: 2.627 ug/l m
RT: 4.011 min Scan# 912
Delta R.T. 0.039 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

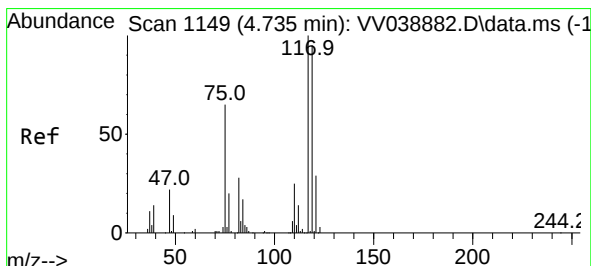
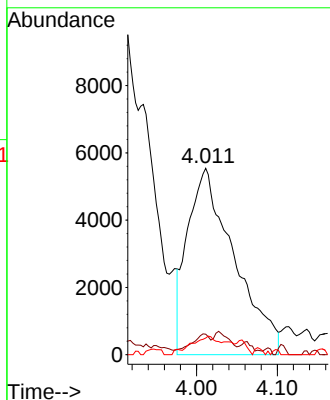
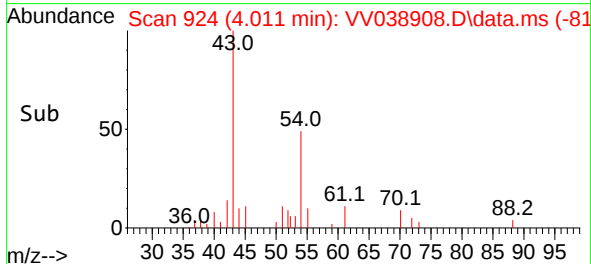
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 2229
Ion Ratio Lower Upper
43 100
61 3.1 11.1 16.7
70 3.5 8.9 13.3

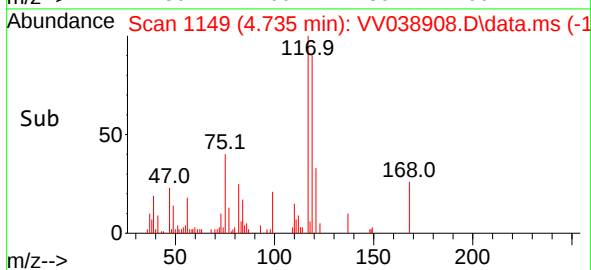
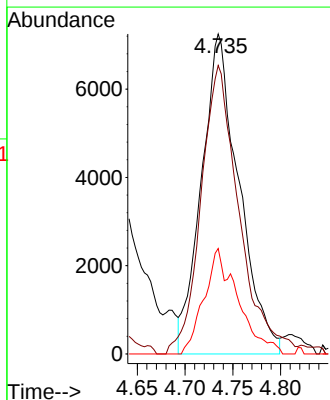
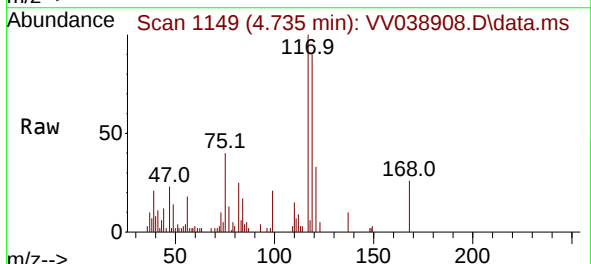
Manual Integrations
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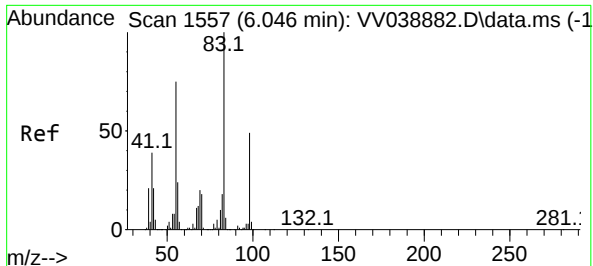
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#38
Carbon Tetrachloride
Concen: 2.067 ug/l m
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion:117 Resp: 19794
Ion Ratio Lower Upper
117 100
119 90.1 76.0 114.0
121 32.9 23.1 34.7





#39

Methylcyclohexane

Concen: 2.063 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

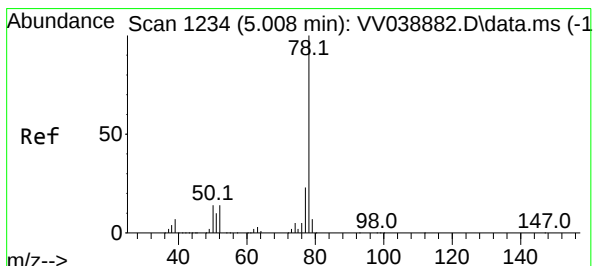
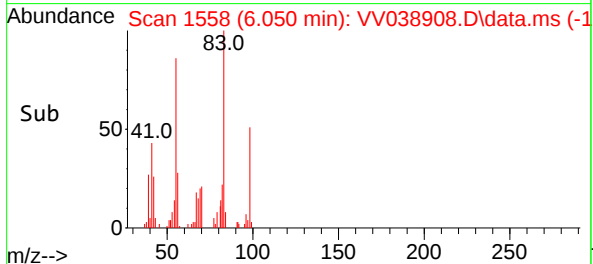
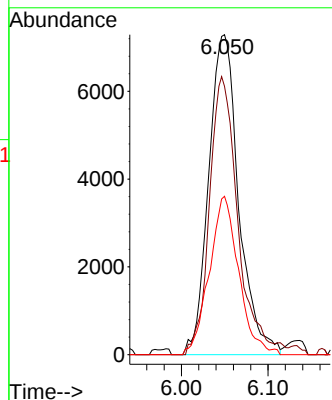
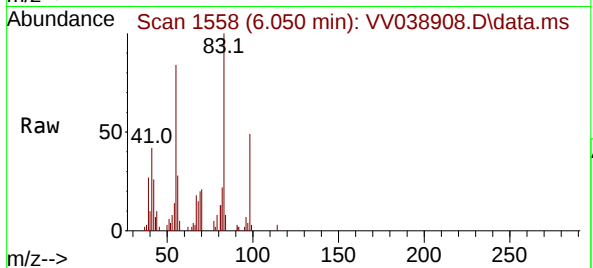
MDL04

Tgt Ion:	83	Resp:	17540
Ion	Ratio	Lower	Upper
83	100		
55	83.8	60.0	90.0
98	49.5	39.0	58.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#40

Benzene

Concen: 2.148 ug/l

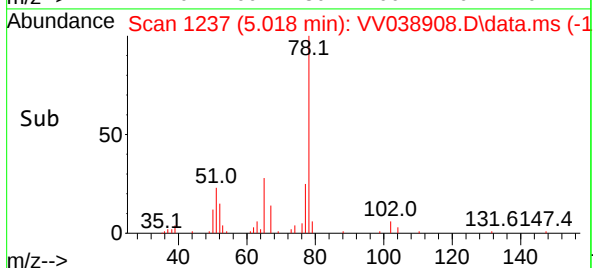
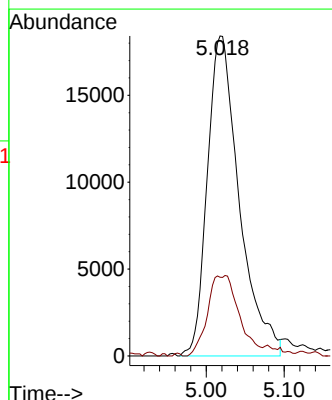
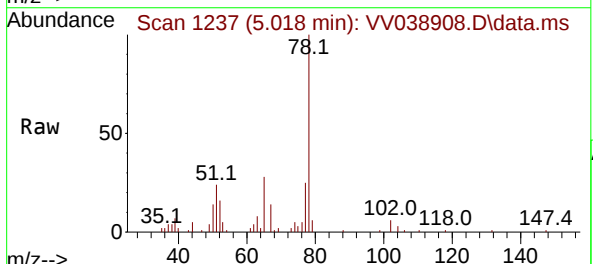
RT: 5.018 min Scan# 1237

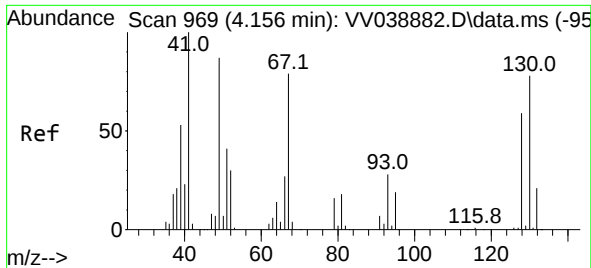
Delta R.T. 0.010 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Tgt Ion:	78	Resp:	52502
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





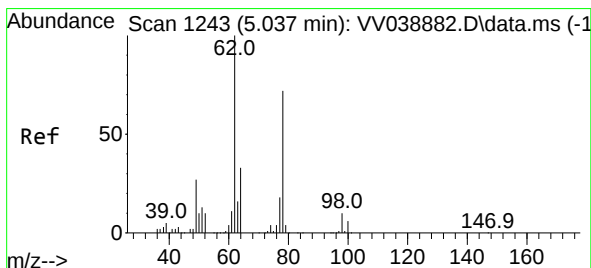
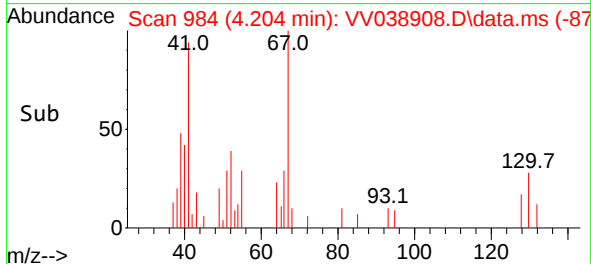
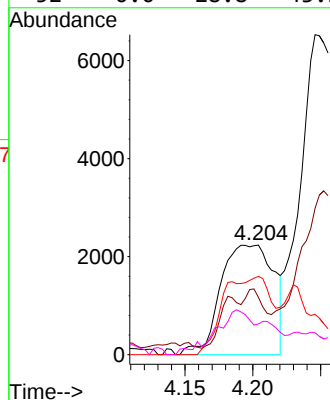
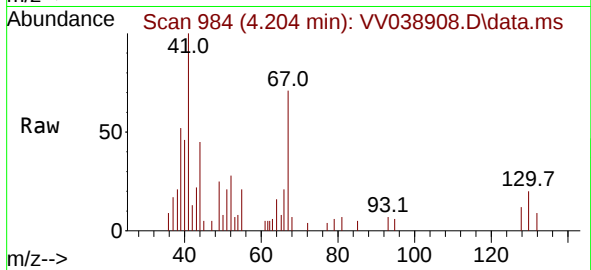
#41
Methacrylonitrile
Concen: 1.565 ug/l
RT: 4.204 min Scan# 984
Delta R.T. 0.048 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 41 Resp: 6098
Ion Ratio Lower Upper
41 100
39 19.5 42.0 63.0
67 0.0 76.2 114.2
52 0.0 28.8 43.2

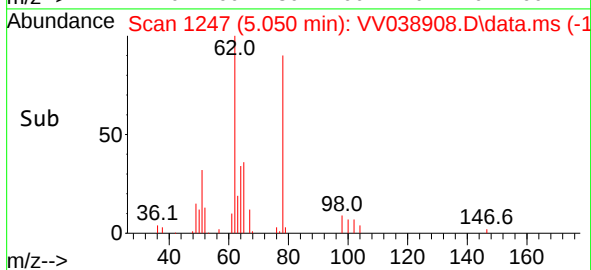
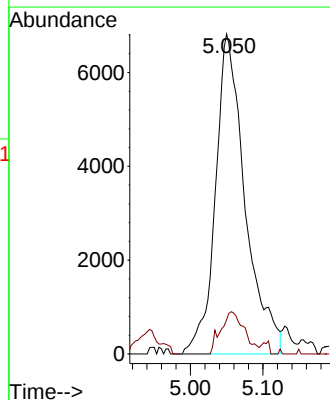
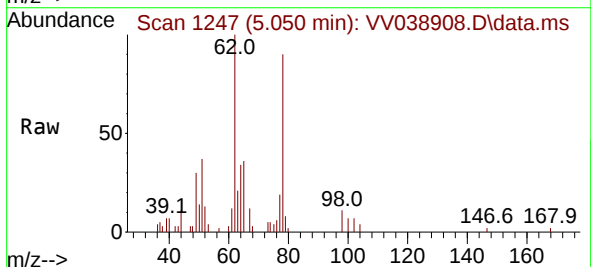
Manual Integrations
APPROVED

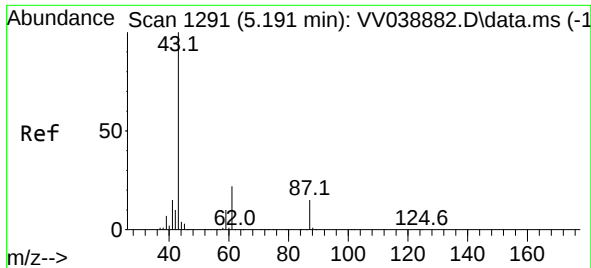
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#42
1,2-Dichloroethane
Concen: 2.080 ug/l
RT: 5.050 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

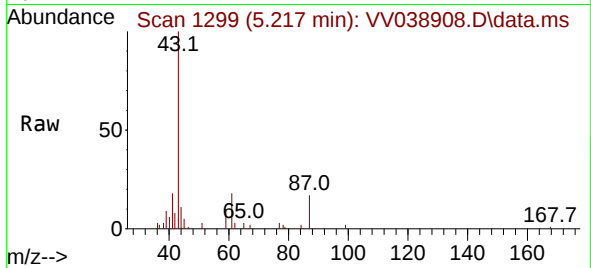
Tgt Ion: 62 Resp: 19380
Ion Ratio Lower Upper
62 100
98 10.5 0.0 18.8





#43
Isopropyl Acetate
Concen: 1.715 ug/l
RT: 5.217 min Scan# 1299
Delta R.T. 0.026 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

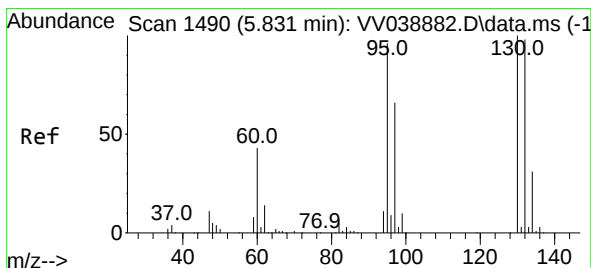
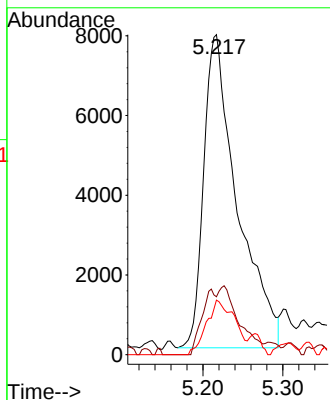
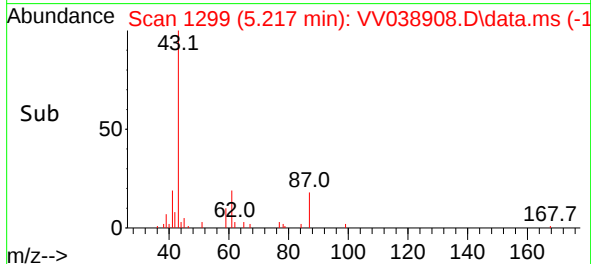
Instrument : MSVOA_V
ClientSampleId : MDL04



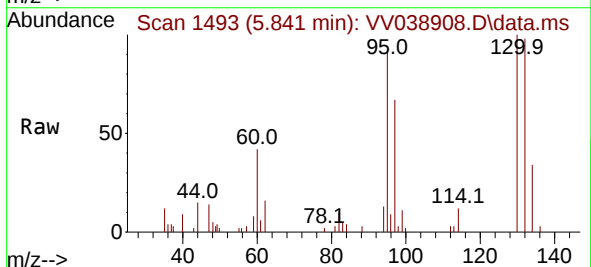
Tgt Ion: 43 Resp: 23020
Ion Ratio Lower Upper
43 100
61 9.1 17.1 25.7
87 14.7 12.2 18.4

Manual Integrations
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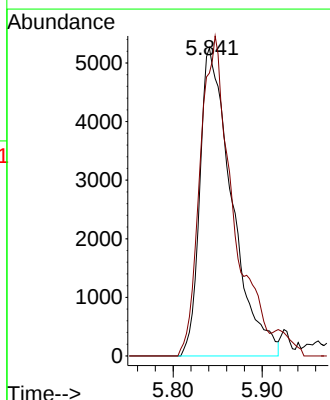
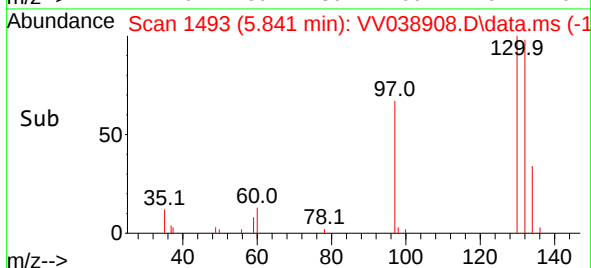
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

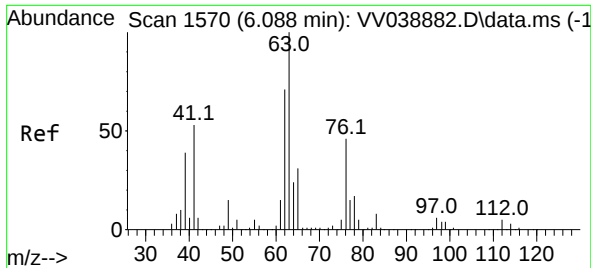


#44
Trichloroethene
Concen: 2.049 ug/l
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



Tgt Ion:130 Resp: 13085
Ion Ratio Lower Upper
130 100
95 91.8 0.0 191.2





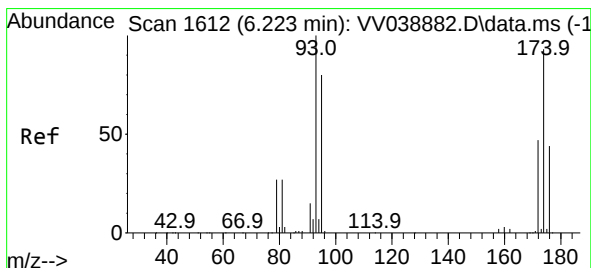
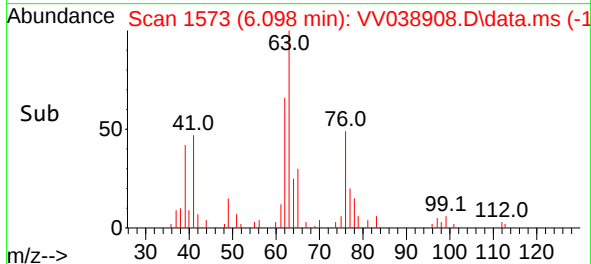
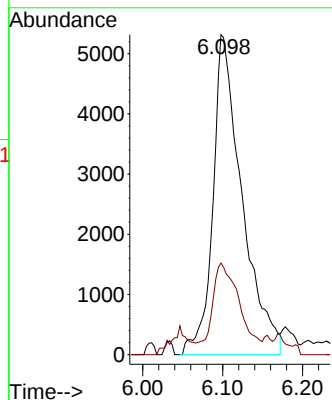
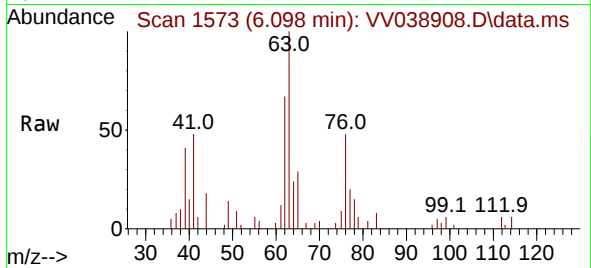
#45
1,2-Dichloropropane
Concen: 2.079 ug/l
RT: 6.098 min Scan# 1573
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 1342
Ion Ratio Lower Upper
63 100
65 22.5 24.9 37.3

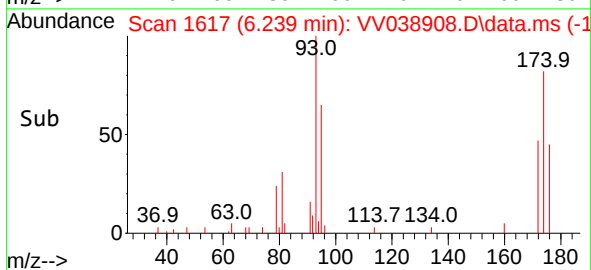
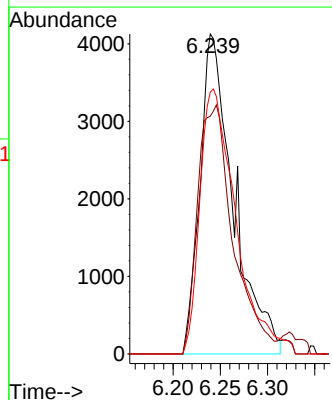
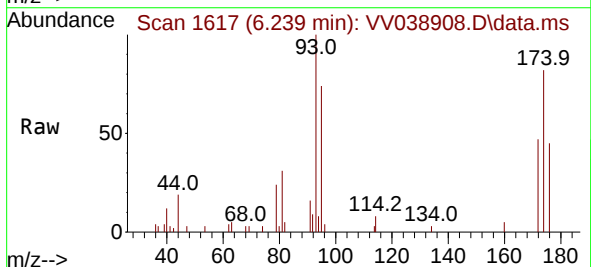
Manual Integrations
APPROVED

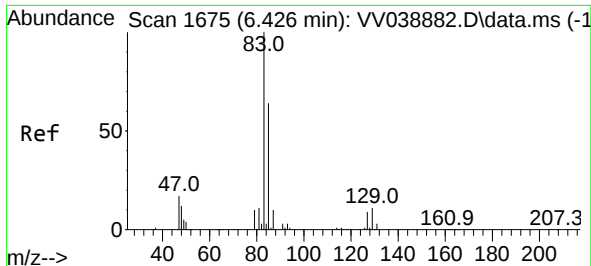
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#46
Dibromomethane
Concen: 2.031 ug/l
RT: 6.239 min Scan# 1617
Delta R.T. 0.016 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion: 93 Resp: 10145
Ion Ratio Lower Upper
93 100
95 82.6 66.2 99.4
174 89.3 75.3 112.9





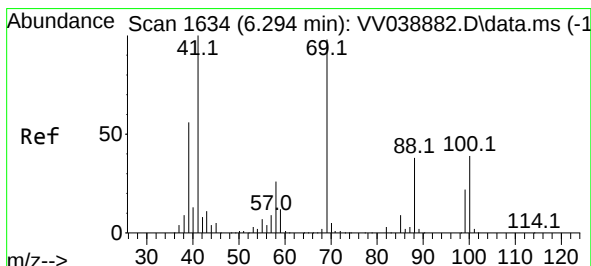
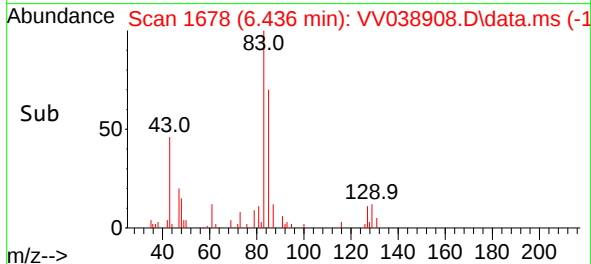
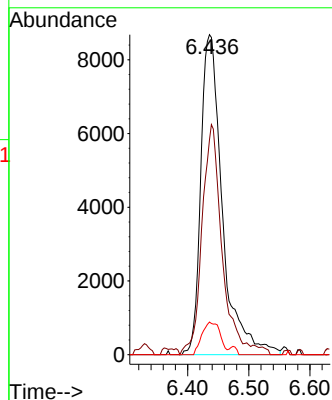
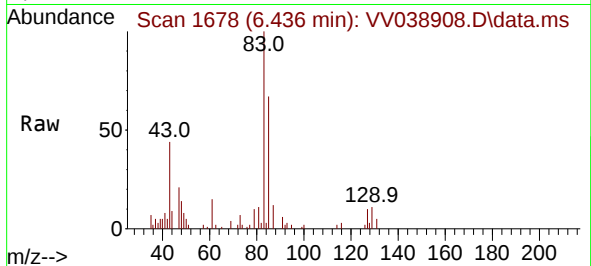
#47
Bromodichloromethane
Concen: 2.007 ug/l
RT: 6.436 min Scan# 1675
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 83 Resp: 21274
Ion Ratio Lower Upper
83 100
85 67.2 51.4 77.0
127 10.2 6.9 10.3

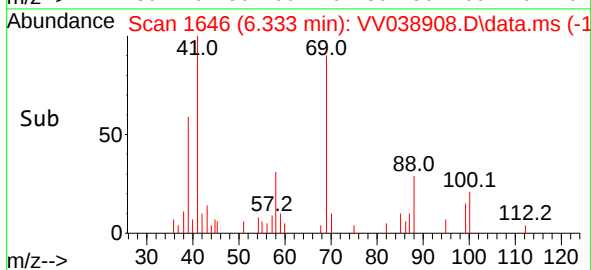
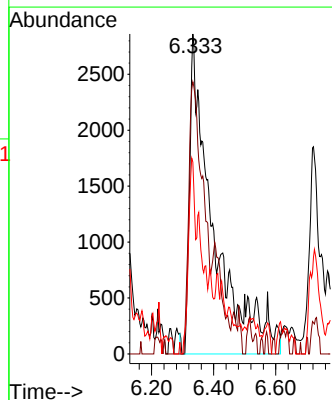
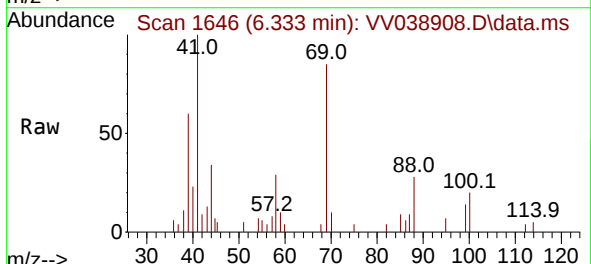
Manual Integrations
APPROVED

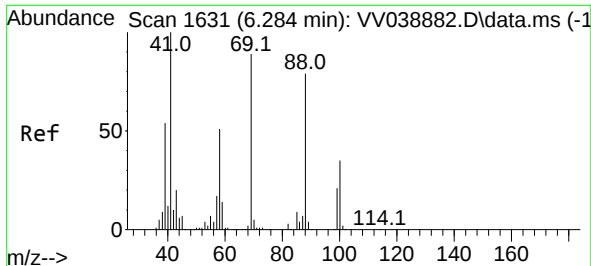
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#48
Methyl methacrylate
Concen: 2.592 ug/l m
RT: 6.333 min Scan# 1646
Delta R.T. 0.039 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion: 41 Resp: 15102
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 0.0 44.0 66.0#





#49

1,4-Dioxane

Concen: 38.762 ug/l m

RT: 6.313 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

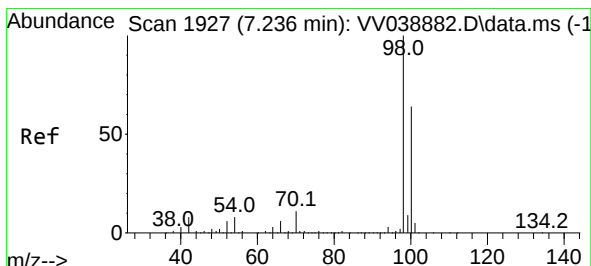
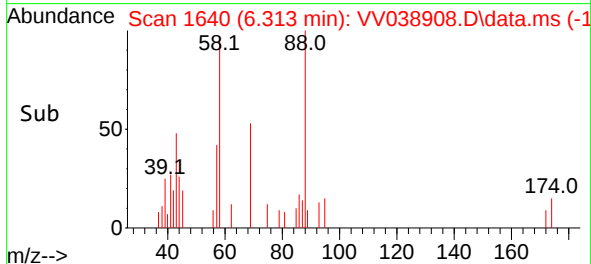
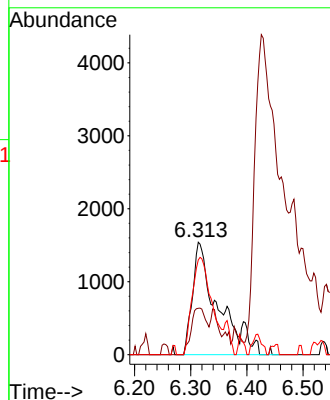
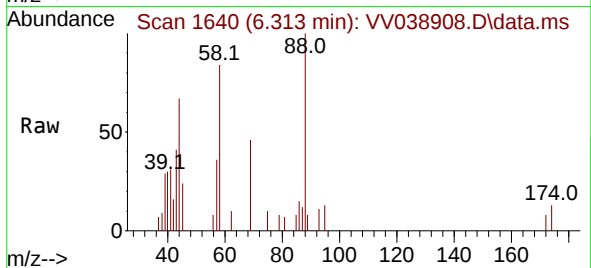
MDL04

Tgt Ion:	88	Resp:	486
Ion	Ratio	Lower	Upper
88	100		
43	24.8	23.0	34.4
58	66.5	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50

Toluene-d8

Concen: 54.667 ug/l

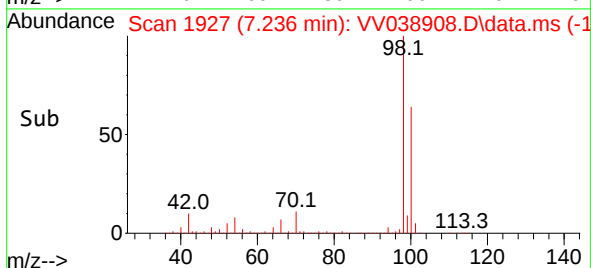
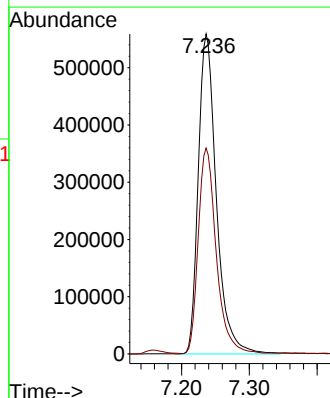
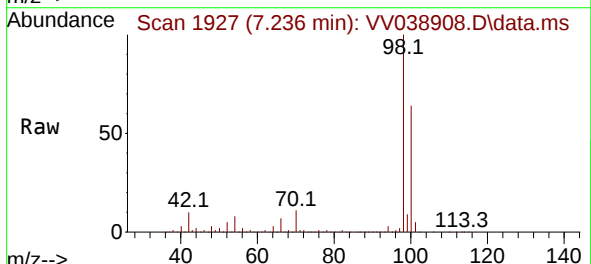
RT: 7.236 min Scan# 1927

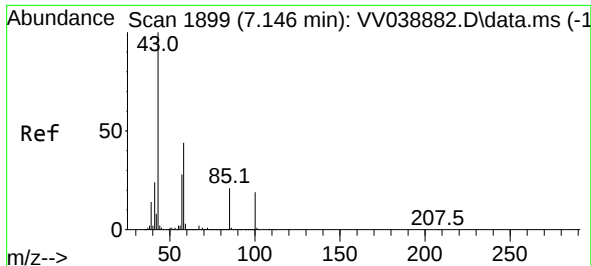
Delta R.T. 0.000 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

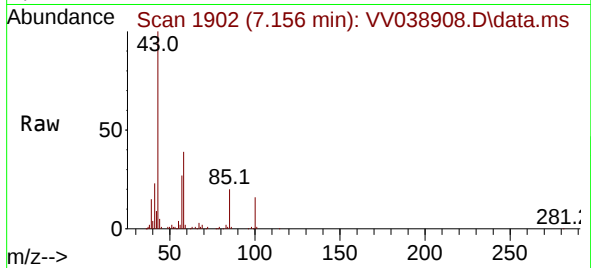
Tgt Ion:	98	Resp:	1036655
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 8.614 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

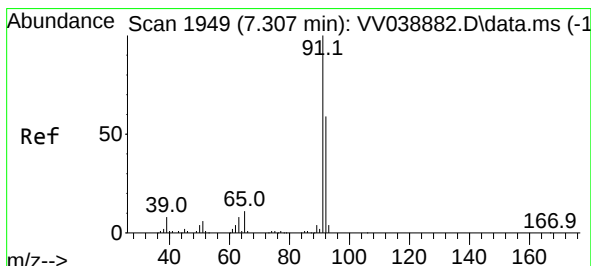
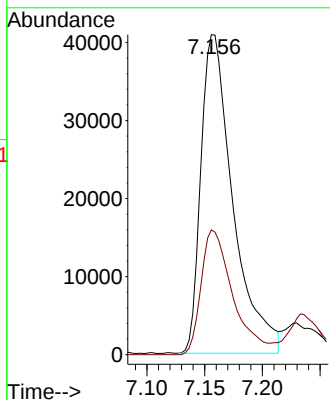
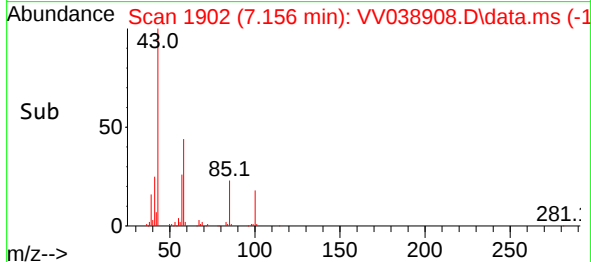
Instrument :
MSVOA_V
ClientSampleId :
MDL04



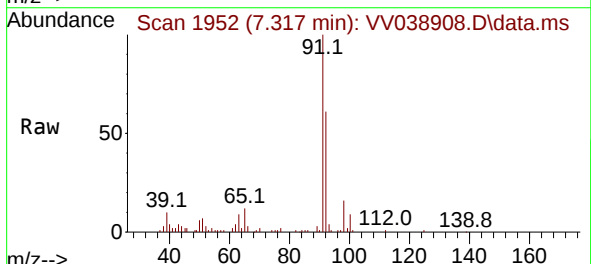
Tgt Ion: 43 Resp: 7874
Ion Ratio Lower Upper
43 100
58 38.8 34.5 51.7

Manual Integrations
APPROVED

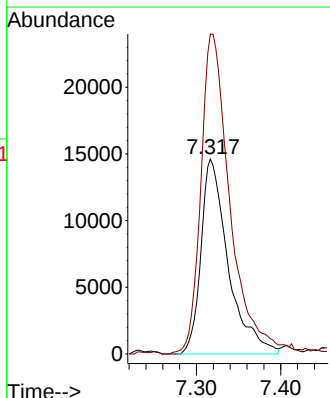
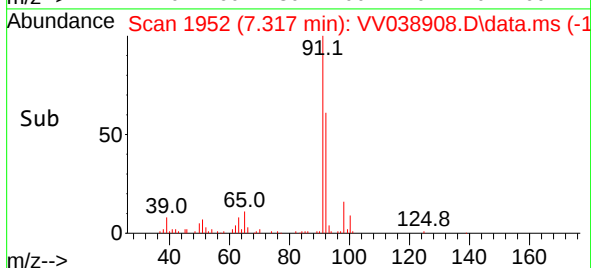
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

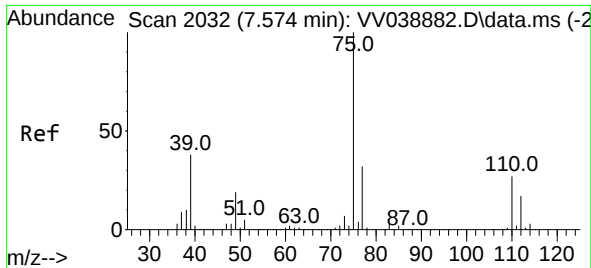


#52
Toluene
Concen: 2.136 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



Tgt Ion: 92 Resp: 32889
Ion Ratio Lower Upper
92 100
91 176.4 137.1 205.7





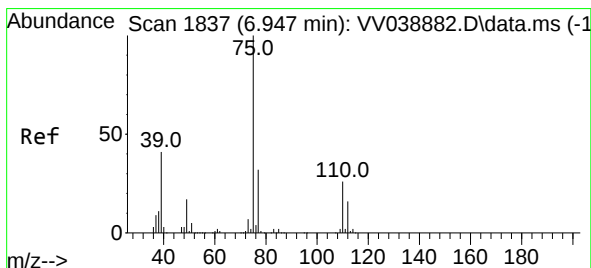
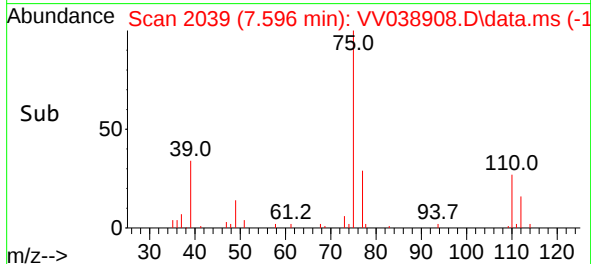
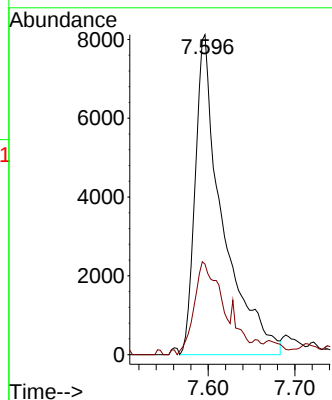
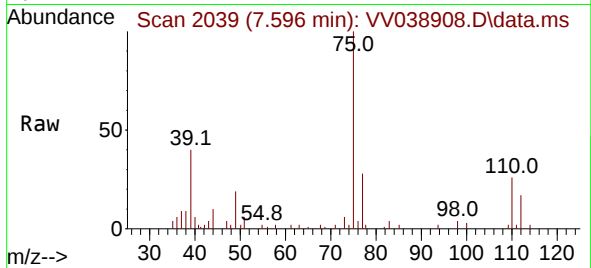
#53
t-1,3-Dichloropropene
Concen: 1.840 ug/l
RT: 7.596 min Scan# 2039
Delta R.T. 0.022 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 17650
Ion Ratio Lower Upper
75 100
77 27.0 26.0 39.0

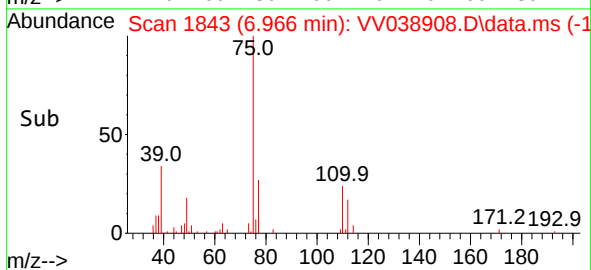
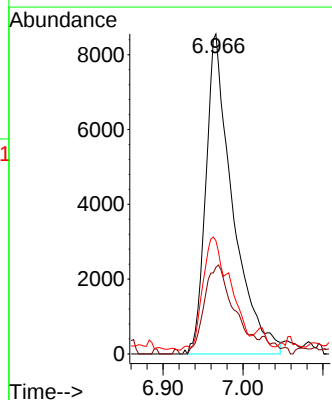
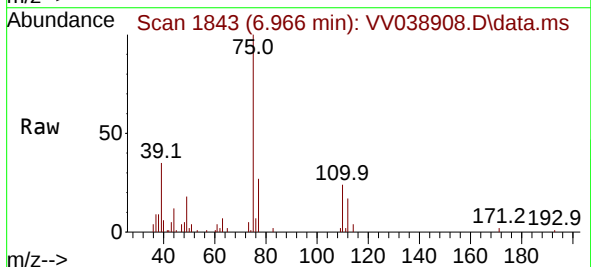
Manual Integrations
APPROVED

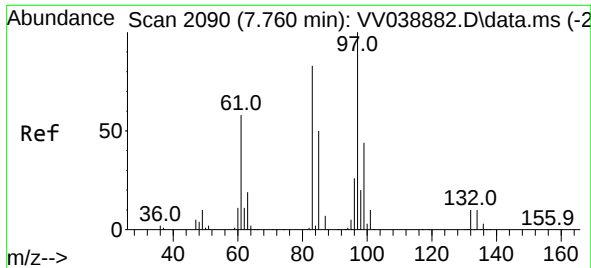
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#54
cis-1,3-Dichloropropene
Concen: 1.917 ug/l
RT: 6.966 min Scan# 1843
Delta R.T. 0.019 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

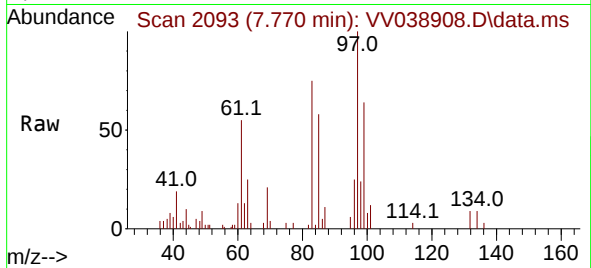
Tgt Ion: 75 Resp: 19876
Ion Ratio Lower Upper
75 100
77 27.0 25.5 38.3
39 34.2 33.1 49.7





#55
 1,1,2-Trichloroethane
 Concen: 1.976 ug/l
 RT: 7.770 min Scan# 2090
 Delta R.T. 0.010 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19

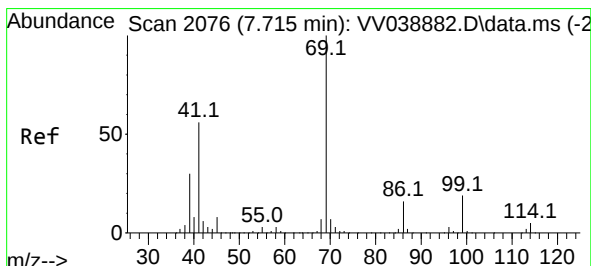
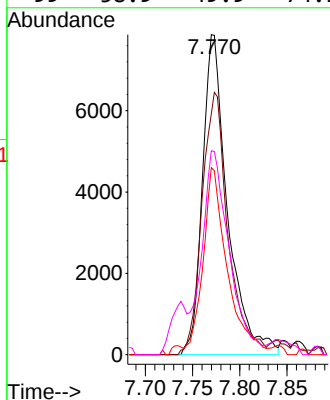
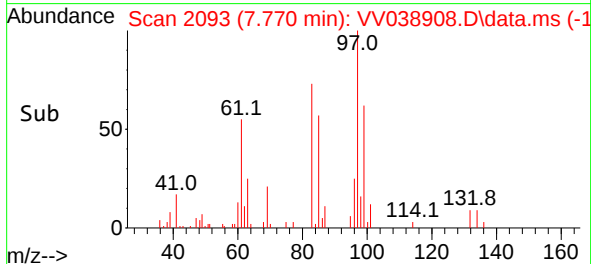
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



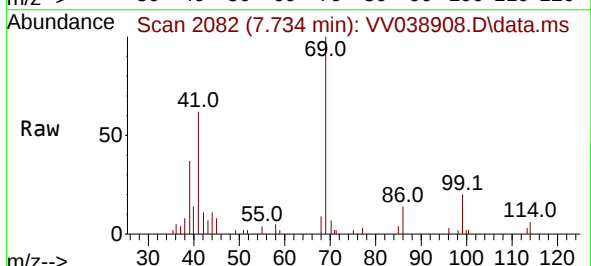
Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.3	66.2	99.4
85	55.7	41.4	62.2
99	58.9	49.9	74.9

Manual Integrations
 APPROVED

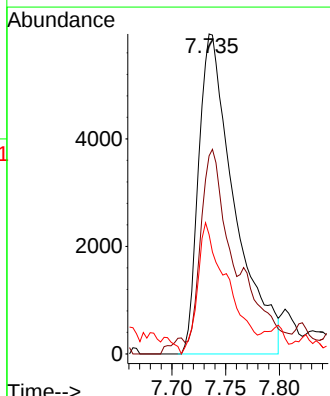
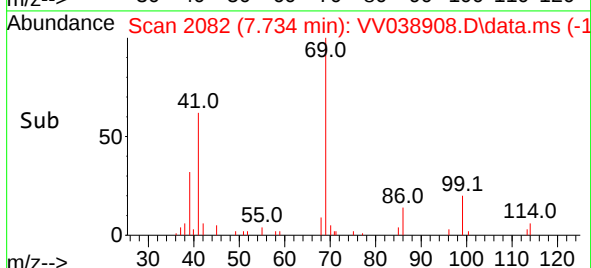
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

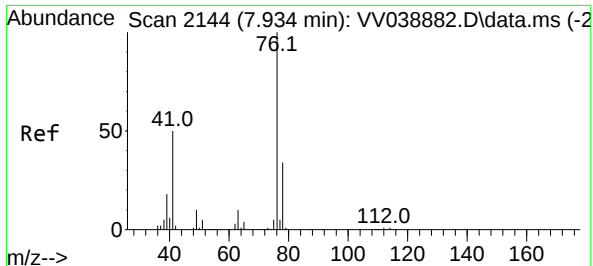


#56
 Ethyl methacrylate
 Concen: 1.580 ug/l
 RT: 7.734 min Scan# 2082
 Delta R.T. 0.019 min
 Lab File: VV038908.D
 Acq: 16 Jul 2025 15:19



Tgt Ion	Ratio	Lower	Upper
69	100		
41	41.6	45.7	68.5#
39	34.5	23.8	35.8





#57

1,3-Dichloropropane

Concen: 1.950 ug/l

RT: 7.944 min Scan# 2144

Delta R.T. 0.010 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 76 Resp: 2151

Ion Ratio Lower Upper

76 100

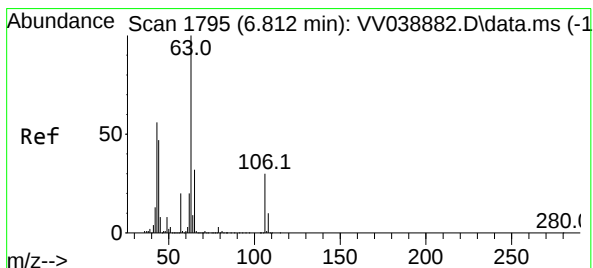
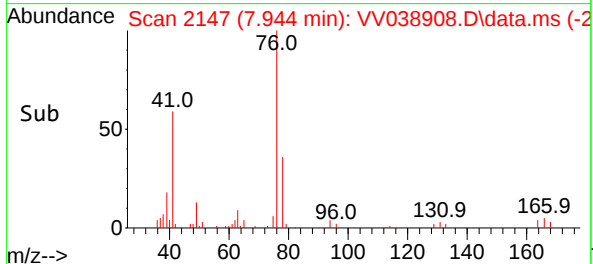
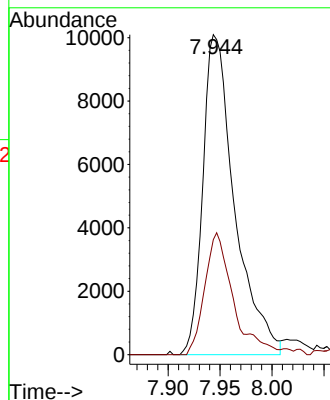
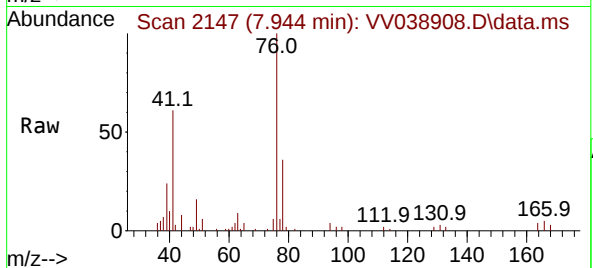
78 33.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 7.072 ug/l

RT: 6.828 min Scan# 1800

Delta R.T. 0.016 min

Lab File: VV038908.D

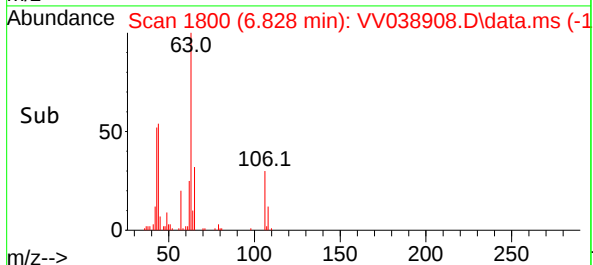
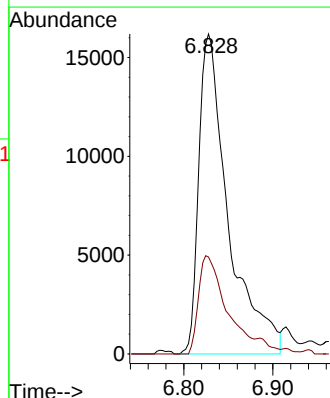
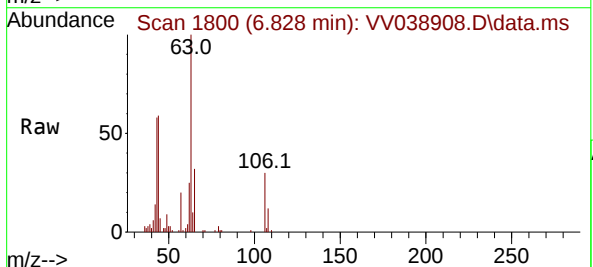
Acq: 16 Jul 2025 15:19

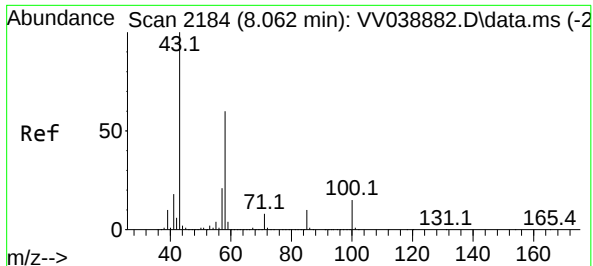
Tgt Ion: 63 Resp: 37326

Ion Ratio Lower Upper

63 100

106 28.7 24.1 36.1





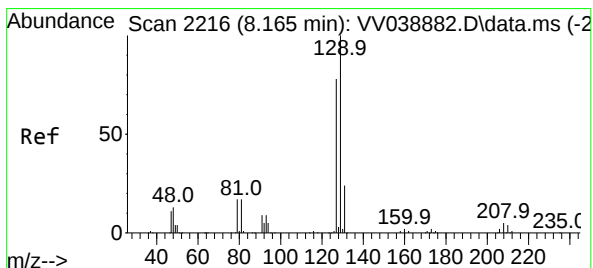
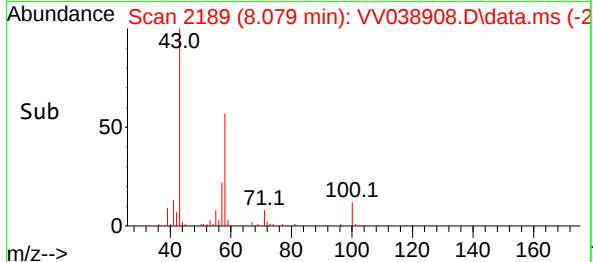
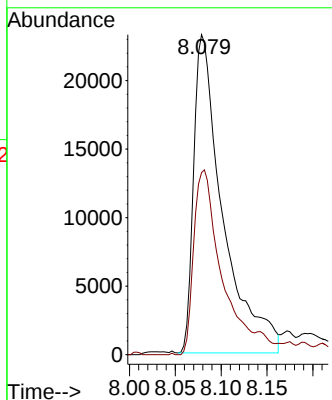
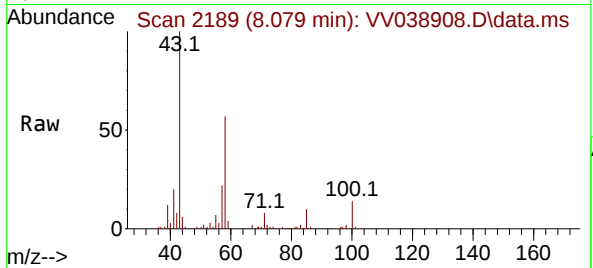
#59
2-Hexanone
Concen: 7.543 ug/l
RT: 8.079 min Scan# 2184
Delta R.T. 0.017 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 51329
Ion Ratio Lower Upper
43 100
58 54.3 29.6 88.8

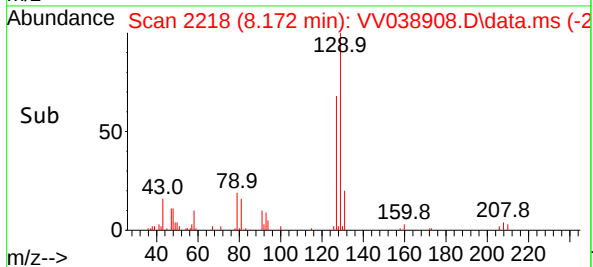
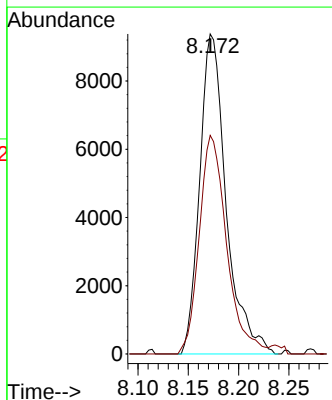
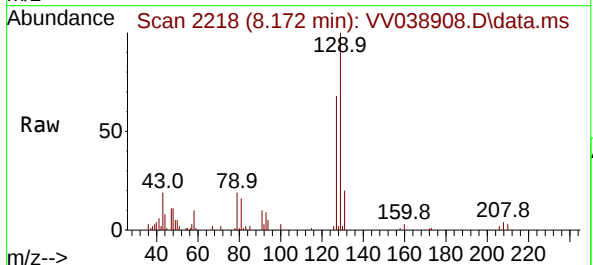
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APPROVED

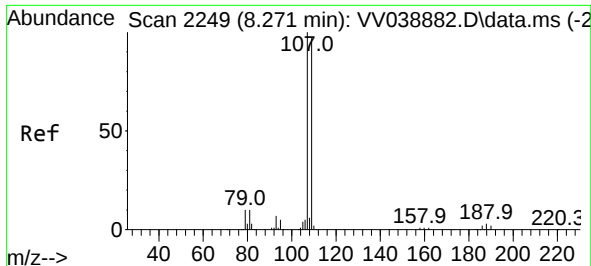
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#60
Dibromochloromethane
Concen: 1.981 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion:129 Resp: 17165
Ion Ratio Lower Upper
129 100
127 70.8 39.4 118.2





#61

1,2-Dibromoethane

Concen: 1.864 ug/l

RT: 8.284 min Scan# 2253

Delta R.T. 0.013 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:107 Resp: 13818

Ion Ratio Lower Upper

107 100

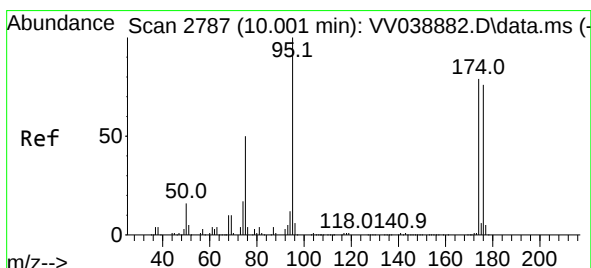
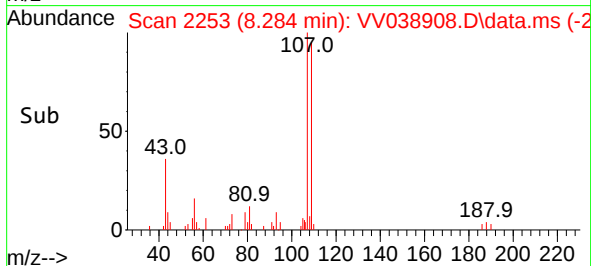
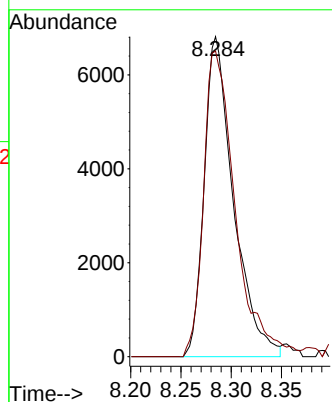
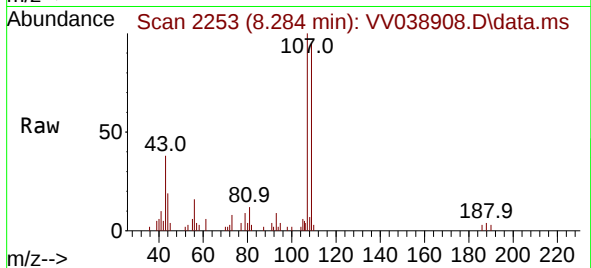
109 103.3 77.1 115.7

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Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#62

4-Bromofluorobenzene

Concen: 48.343 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.000 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

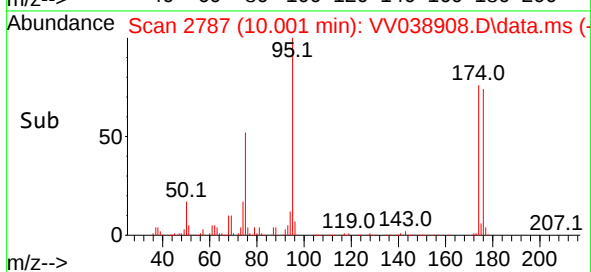
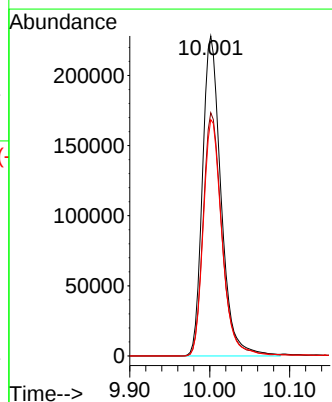
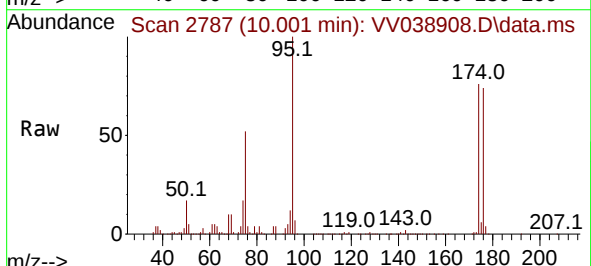
Tgt Ion: 95 Resp: 369289

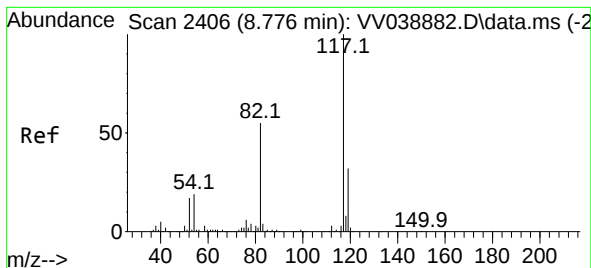
Ion Ratio Lower Upper

95 100

174 76.8 0.0 160.0

176 74.3 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. -0.000 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

MDL04

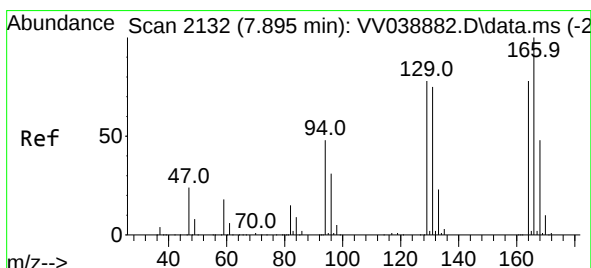
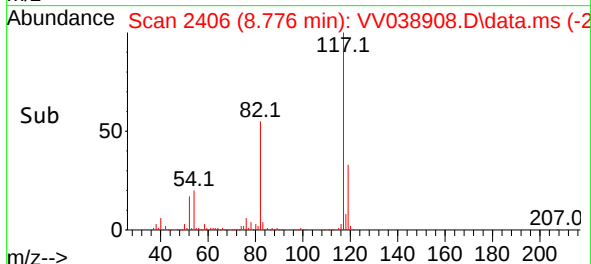
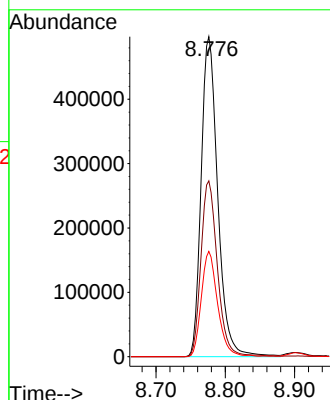
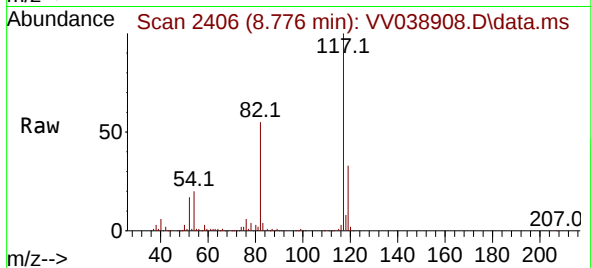
Tgt Ion:117 Resp: 827538

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.7	65.5
119	32.9	25.4	38.0

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64

Tetrachloroethene

Concen: 2.279 ug/l

RT: 7.902 min Scan# 2134

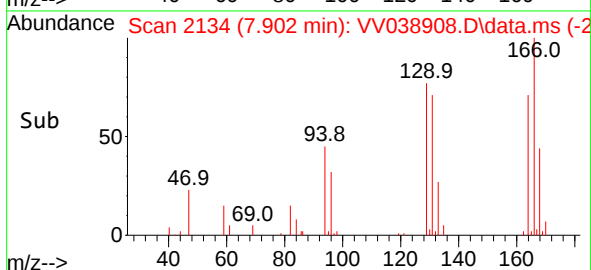
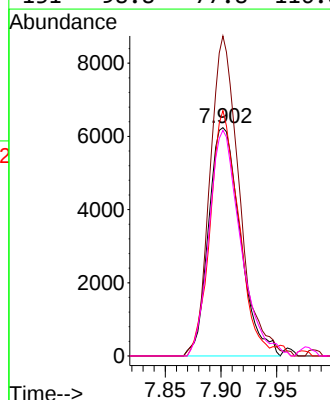
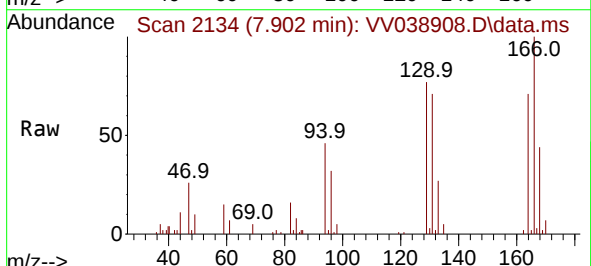
Delta R.T. 0.006 min

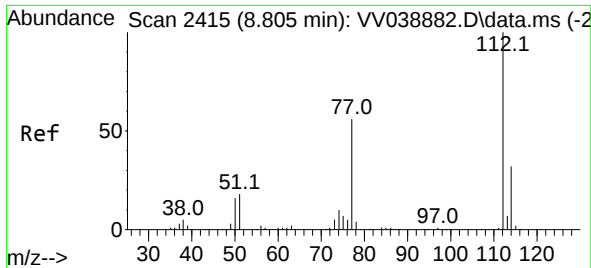
Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Tgt Ion:164 Resp: 12367

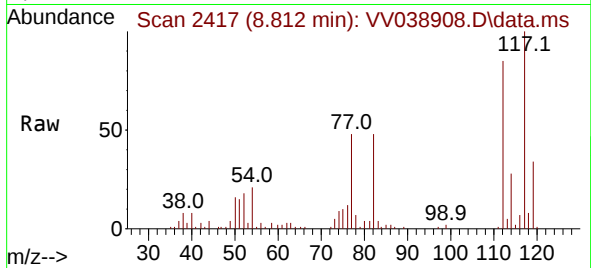
Ion	Ratio	Lower	Upper
164	100		
166	140.1	103.2	154.8
129	107.4	81.0	121.4
131	98.8	77.8	116.8





#65
Chlorobenzene
Concen: 2.235 ug/l
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

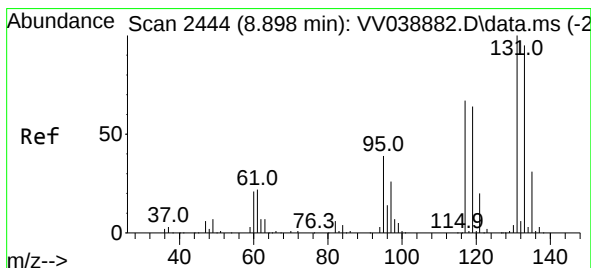
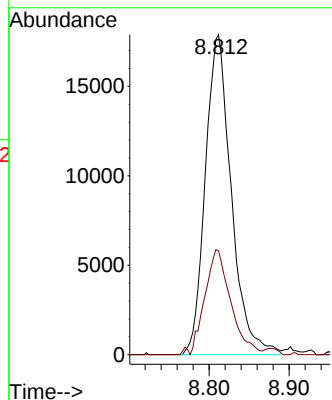
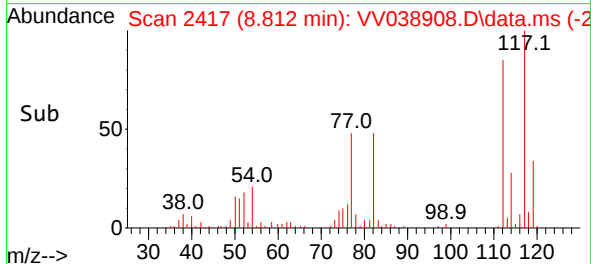
Instrument :
MSVOA_V
ClientSampleId :
MDL04



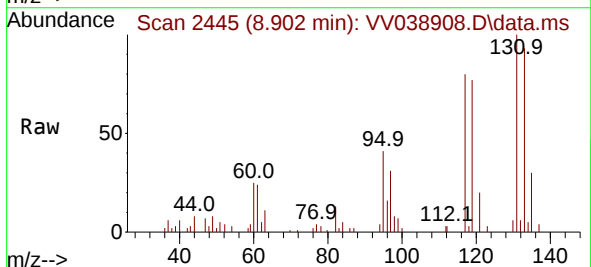
Tgt Ion:112 Resp: 40409
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

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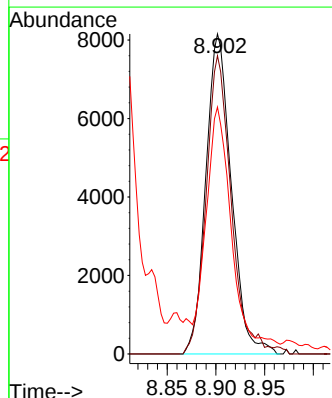
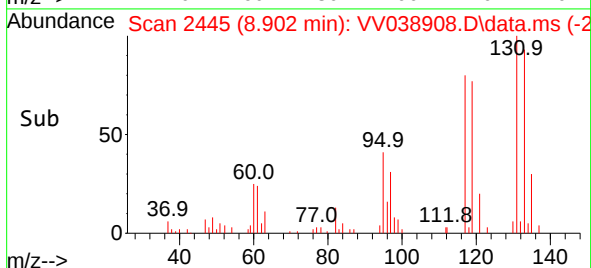
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

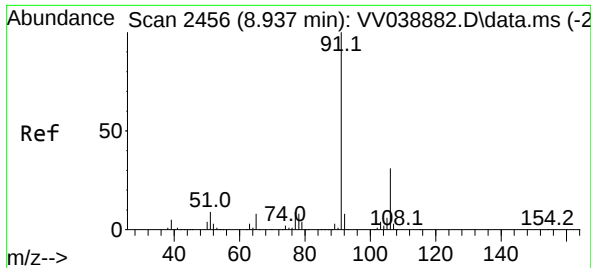


#66
1,1,1,2-Tetrachloroethane
Concen: 2.057 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



Tgt Ion:131 Resp: 14834
Ion Ratio Lower Upper
131 100
133 92.5 47.6 142.9
119 69.8 32.0 96.2





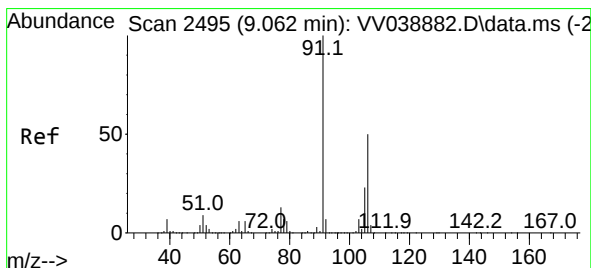
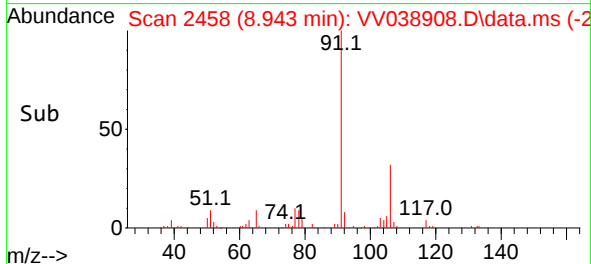
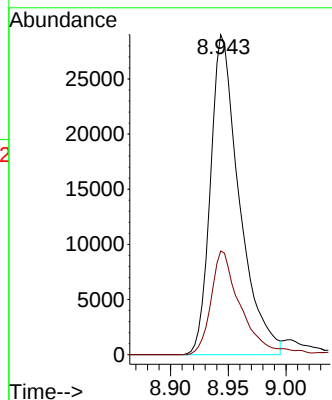
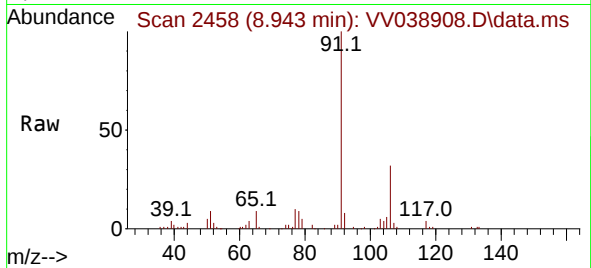
#67
Ethyl Benzene
Concen: 1.877 ug/l
RT: 8.943 min Scan# 2456
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 50394
Ion Ratio Lower Upper
91 100
106 32.4 24.8 37.2

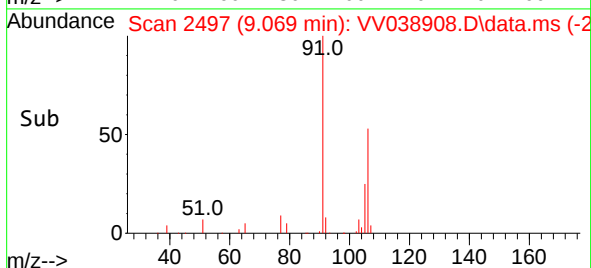
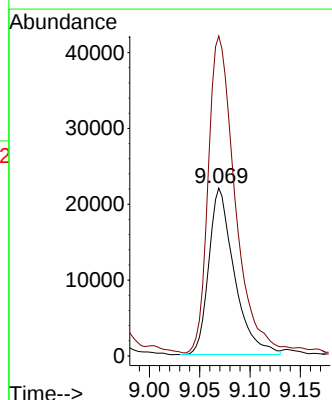
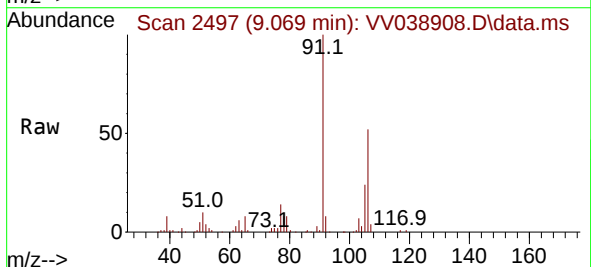
Manual Integrations
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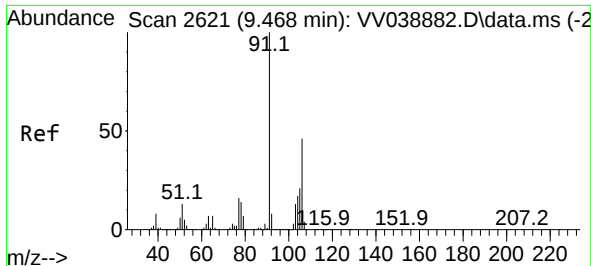
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#68
m/p-Xylenes
Concen: 3.698 ug/l
RT: 9.069 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion:106 Resp: 38657
Ion Ratio Lower Upper
106 100
91 200.9 161.0 241.6





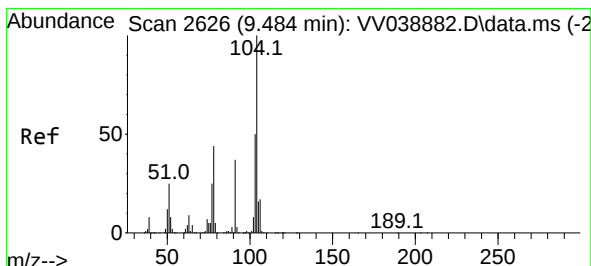
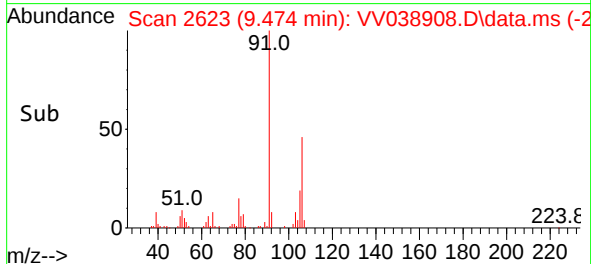
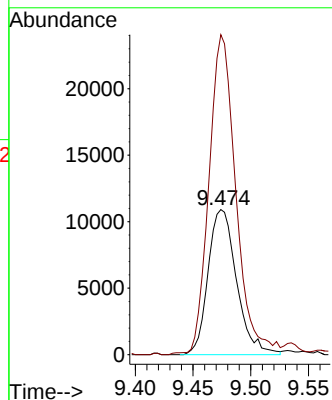
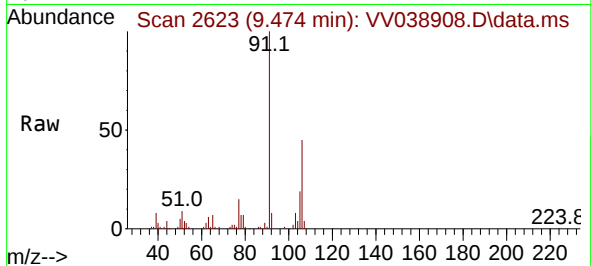
#69
o-Xylene
Concen: 1.900 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 18748
Ion Ratio Lower Upper
106 100
91 208.6 108.9 326.6

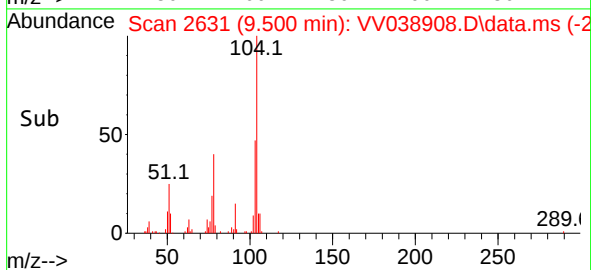
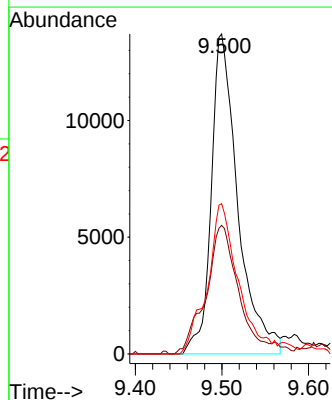
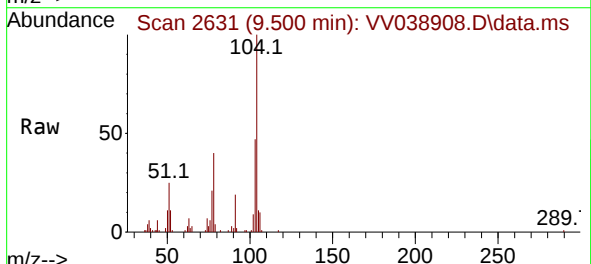
Manual Integrations
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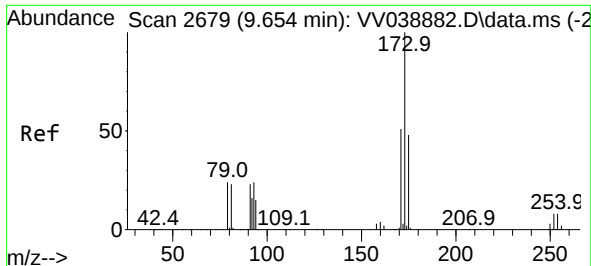
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#70
Styrene
Concen: 1.681 ug/l
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

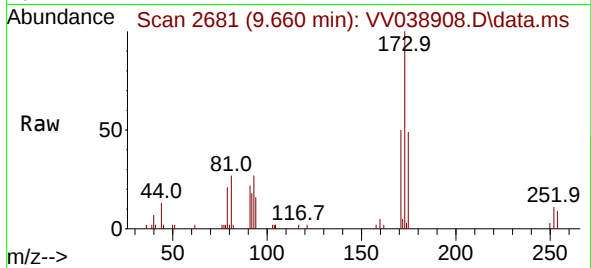
Tgt Ion:104 Resp: 29313
Ion Ratio Lower Upper
104 100
78 48.3 39.9 59.9
103 54.6 43.4 65.2





#71
Bromoform
Concen: 2.035 ug/l
RT: 9.660 min Scan# 2681
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

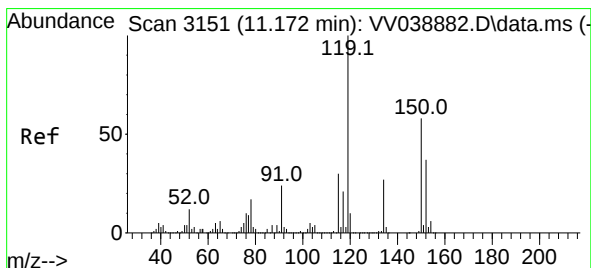
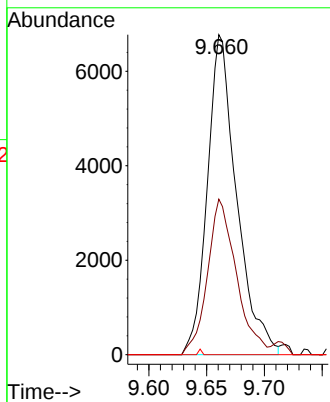
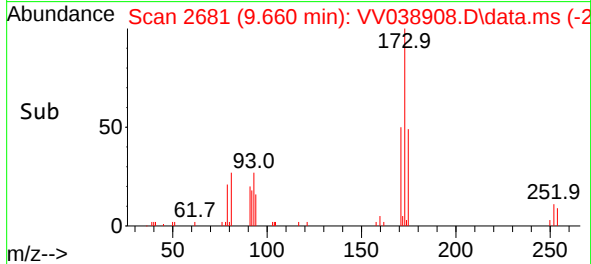
Instrument :
MSVOA_V
ClientSampleId :
MDL04



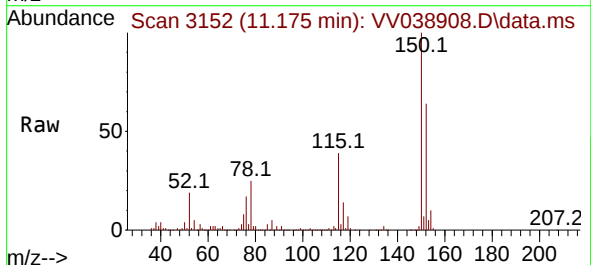
Tgt Ion:173 Resp: 1192
Ion Ratio Lower Upper
173 100
175 47.9 23.5 70.6
254 0.2 0.1 0.1

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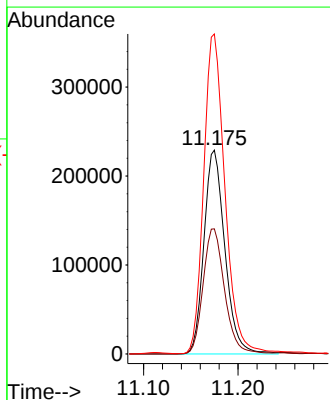
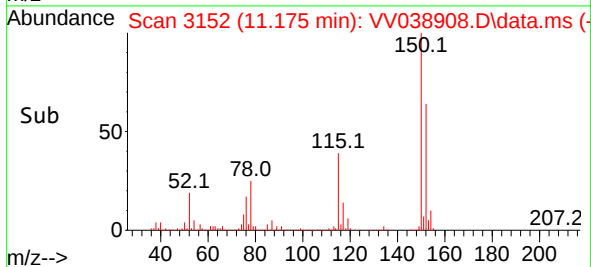
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

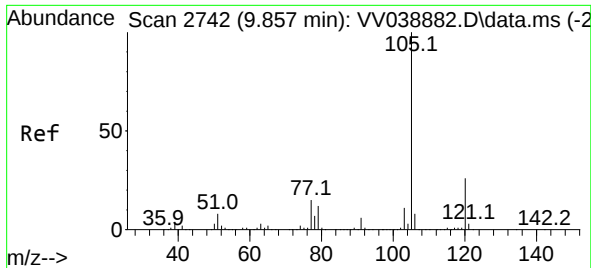


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



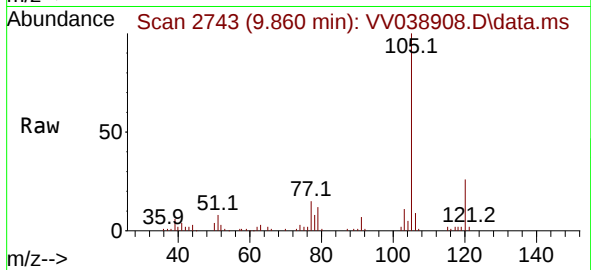
Tgt Ion:152 Resp: 353046
Ion Ratio Lower Upper
152 100
115 62.9 41.8 125.4
150 160.3 0.0 342.4





#73
Isopropylbenzene
Concen: 2.339 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

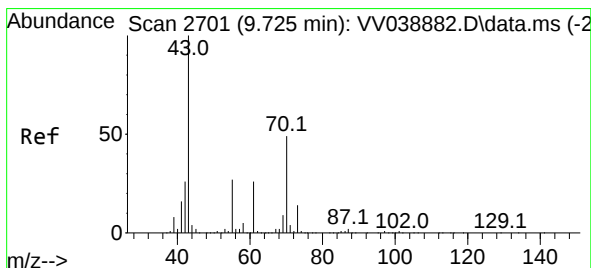
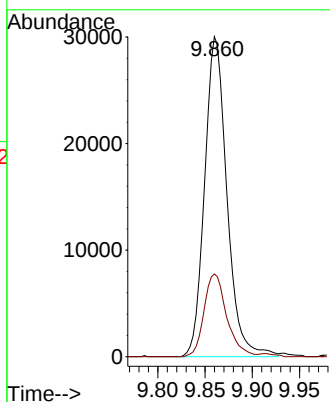
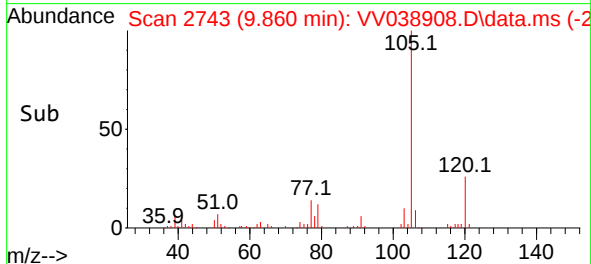
Instrument :
MSVOA_V
ClientSampleId :
MDL04



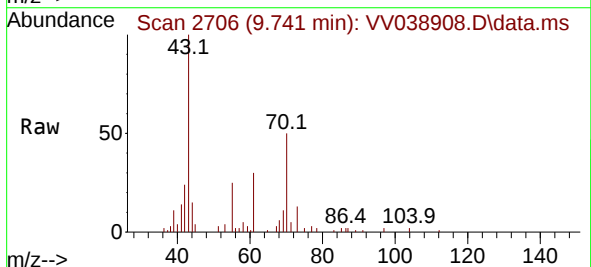
Tgt Ion:105 Resp: 4933
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7

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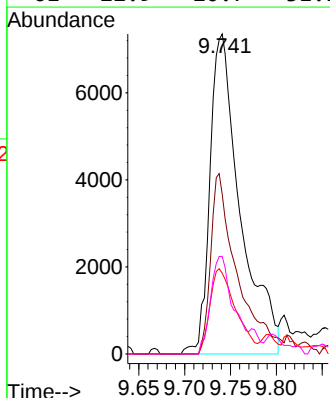
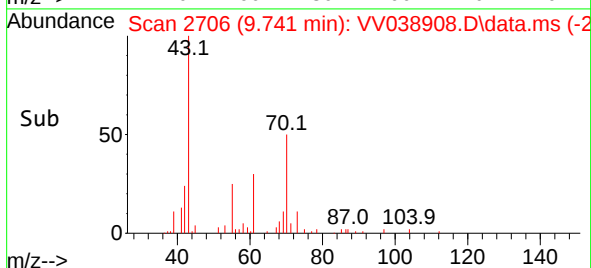
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

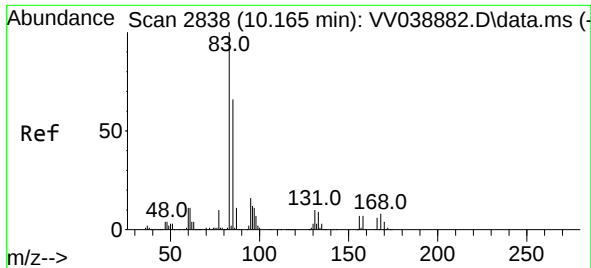


#74
N-ethyl acetate
Concen: 2.190 ug/l
RT: 9.741 min Scan# 2706
Delta R.T. 0.016 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



Tgt Ion: 43 Resp: 16921
Ion Ratio Lower Upper
43 100
70 49.5 38.6 58.0
55 22.7 21.8 32.8
61 22.9 20.7 31.1





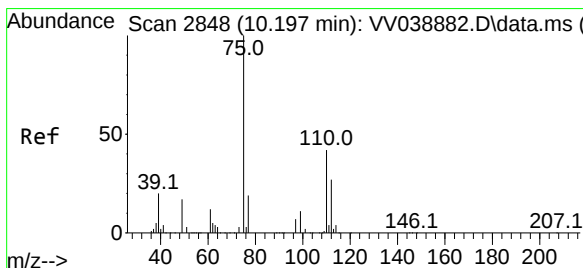
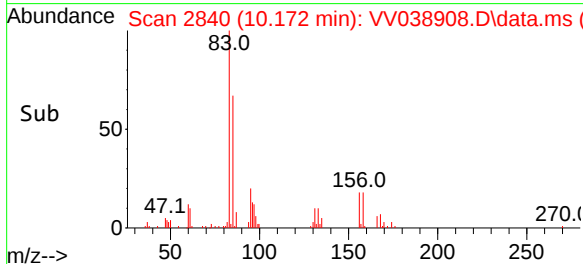
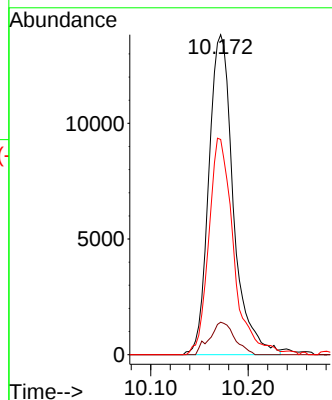
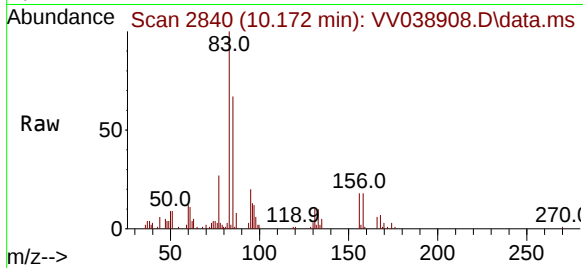
#75
1,1,2,2-Tetrachloroethane
Concen: 2.738 ug/l
RT: 10.172 min Scan# 2840
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 24190
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 68.4 32.6 97.7

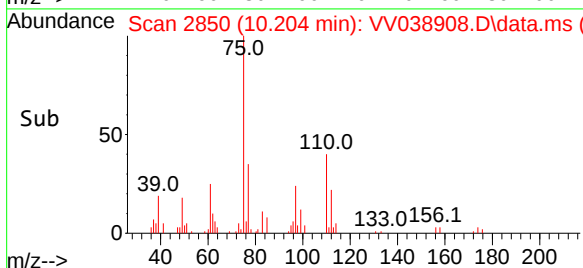
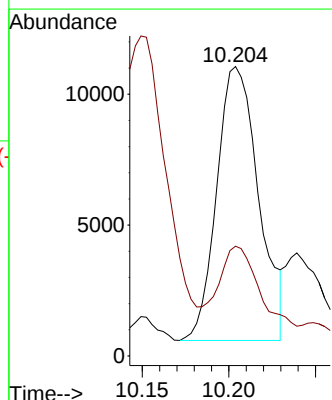
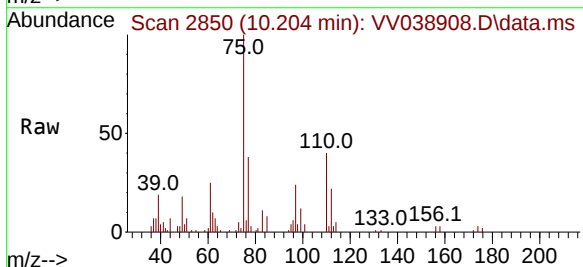
Manual Integrations
APPROVED

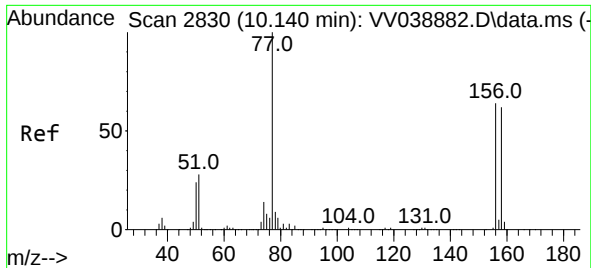
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#76
1,2,3-Trichloropropane
Concen: 2.685 ug/l
RT: 10.204 min Scan# 2850
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

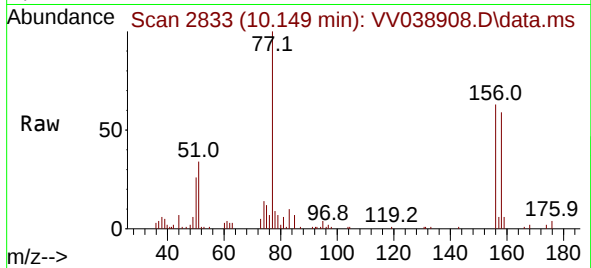
Tgt Ion: 75 Resp: 17625
Ion Ratio Lower Upper
75 100
77 29.8 17.4 52.3





#77
Bromobenzene
Concen: 2.676 ug/l
RT: 10.149 min Scan# 2830
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

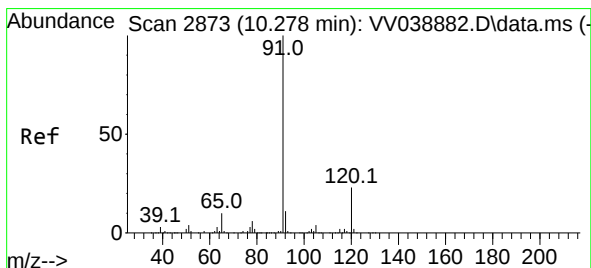
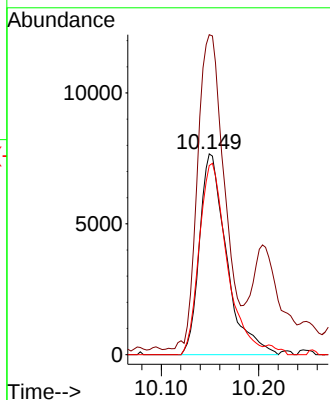
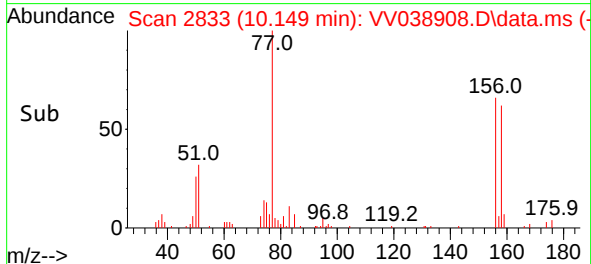
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion:156 Resp: 14809
Ion Ratio Lower Upper
156 100
77 153.2 77.2 231.6
158 97.9 48.4 145.3

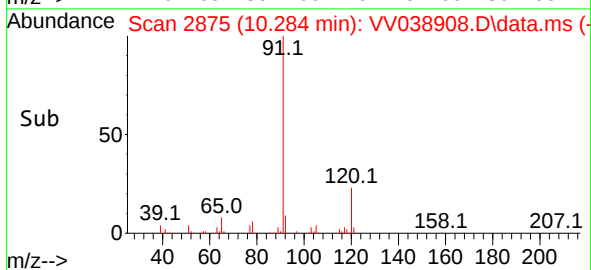
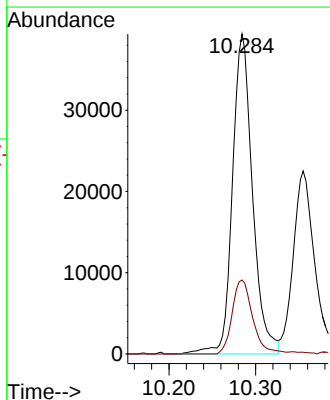
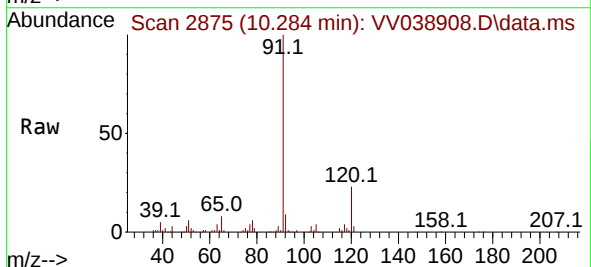
Manual Integrations
APPROVED

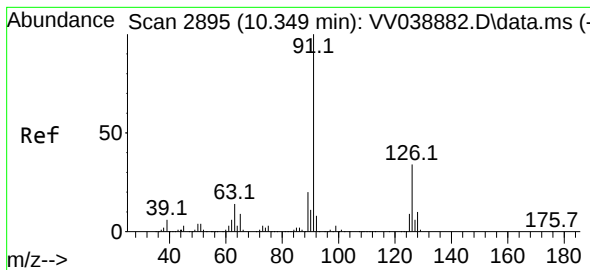
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#78
n-propylbenzene
Concen: 2.570 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion: 91 Resp: 63353
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





#79

2-Chlorotoluene

Concen: 2.457 ug/l

RT: 10.355 min Scan# 2895

Delta R.T. 0.006 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 91 Resp: 3852

Ion Ratio Lower Upper

91 100

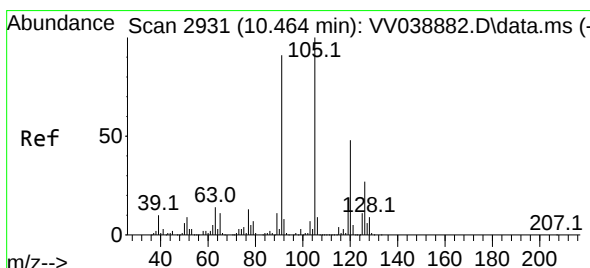
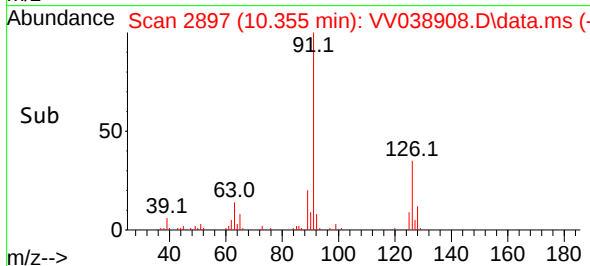
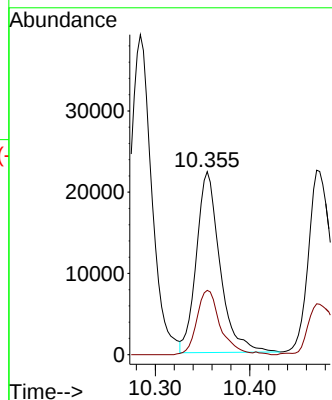
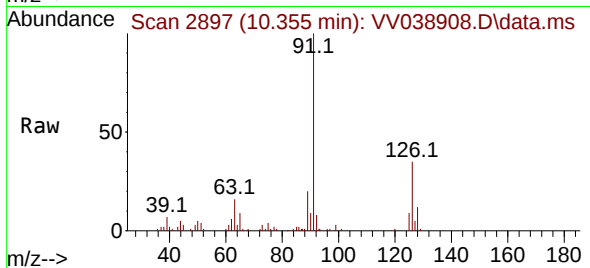
126 35.2 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#80

1,3,5-Trimethylbenzene

Concen: 2.336 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038908.D

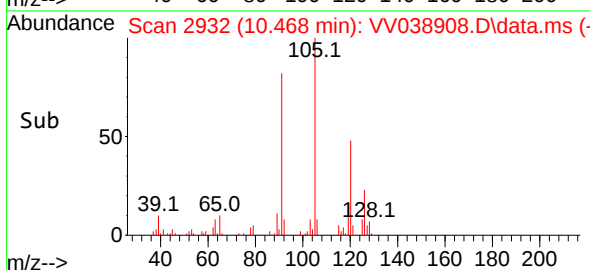
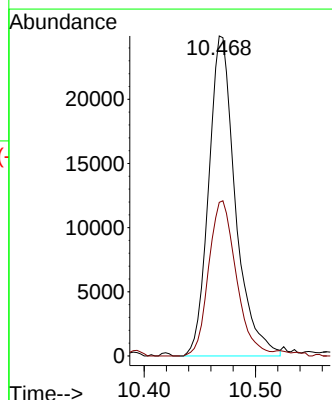
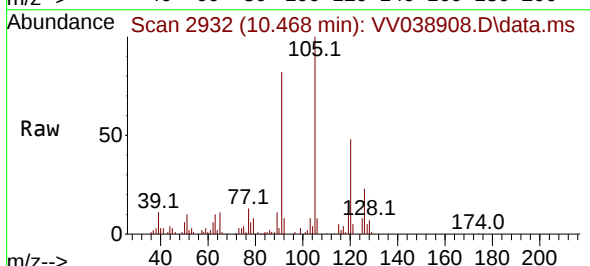
Acq: 16 Jul 2025 15:19

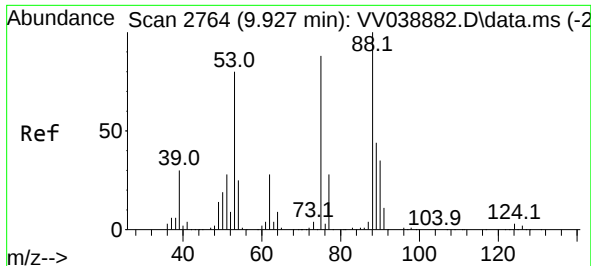
Tgt Ion:105 Resp: 41564

Ion Ratio Lower Upper

105 100

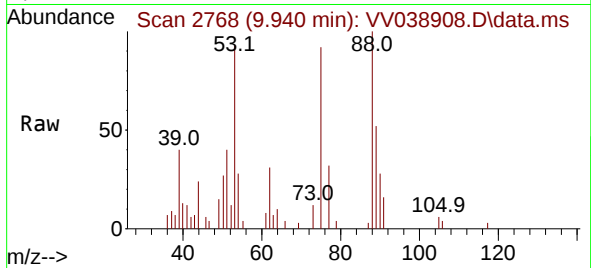
120 50.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.073 ug/l m
RT: 9.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

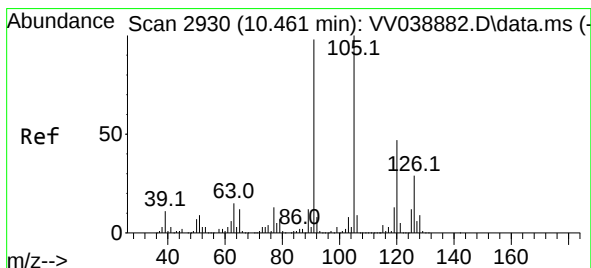
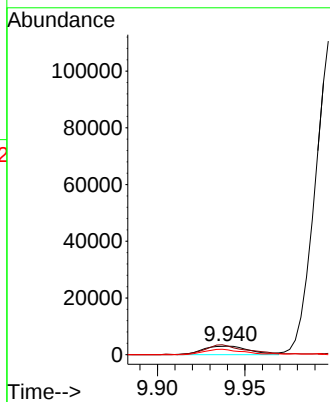
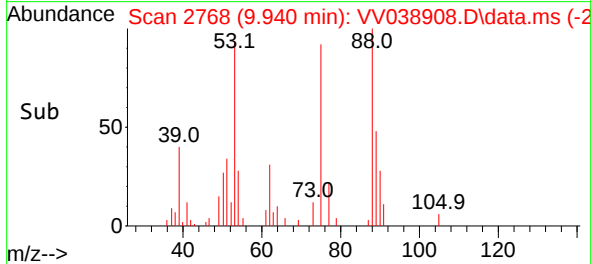
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 75 Resp: 5570
Ion Ratio Lower Upper
75 100
53 6.5 71.3 106.9
89 0.0 42.2 63.2

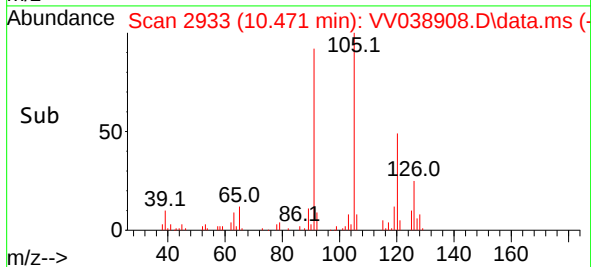
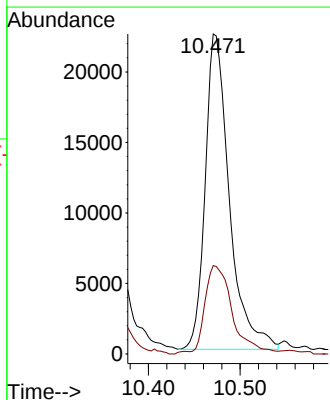
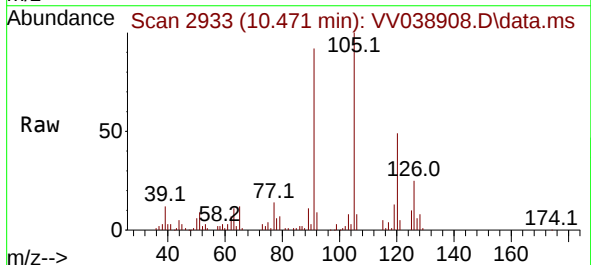
Manual Integrations
APPROVED

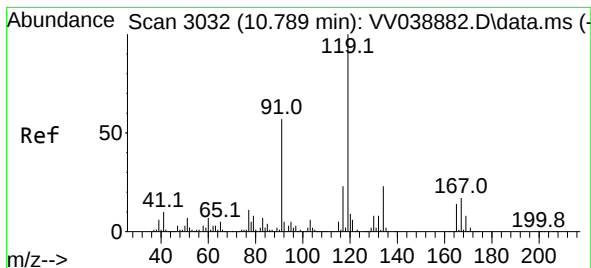
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
4-Chlorotoluene
Concen: 2.339 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion: 91 Resp: 40998
Ion Ratio Lower Upper
91 100
126 32.0 14.9 44.9





#83

tert-Butylbenzene

Concen: 2.441 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

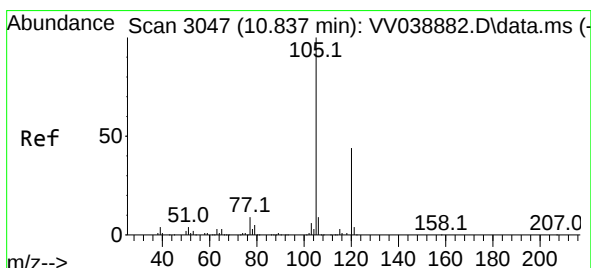
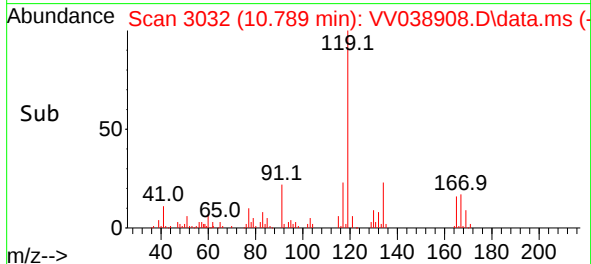
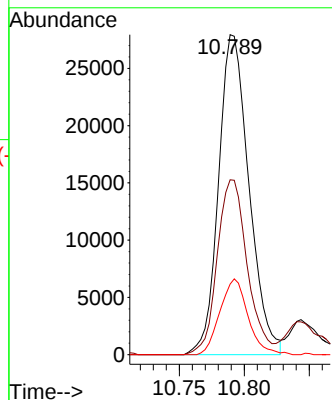
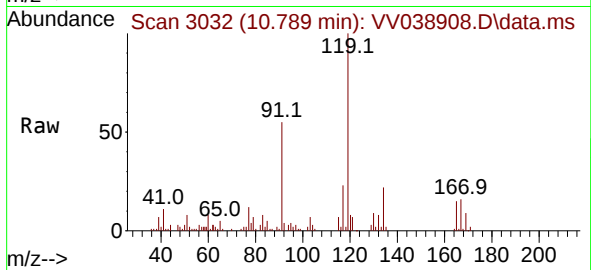
MDL04

Tgt Ion:	119	Resp:	45520
Ion Ratio	Lower	Upper	
119	100		
91	53.6	28.1	84.2
134	21.9	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#84

1,2,4-Trimethylbenzene

Concen: 2.189 ug/l

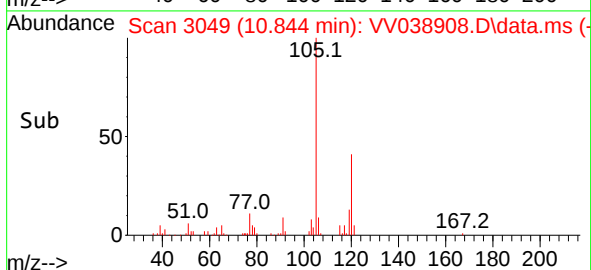
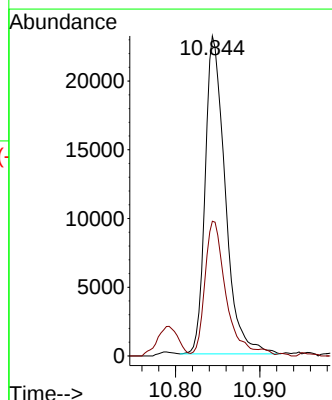
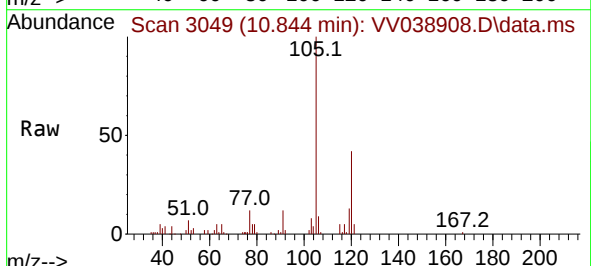
RT: 10.844 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Tgt Ion:	105	Resp:	38311
Ion Ratio	Lower	Upper	
105	100		
120	41.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 2.292 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:105 Resp: 5456

Ion Ratio Lower Upper

105 100

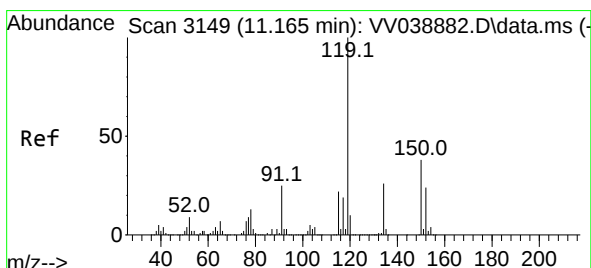
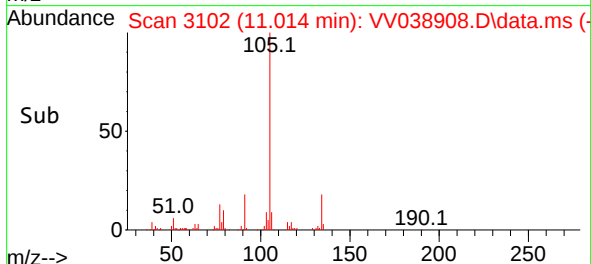
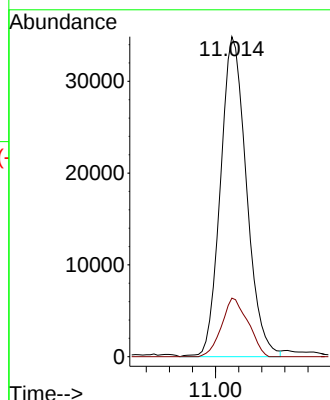
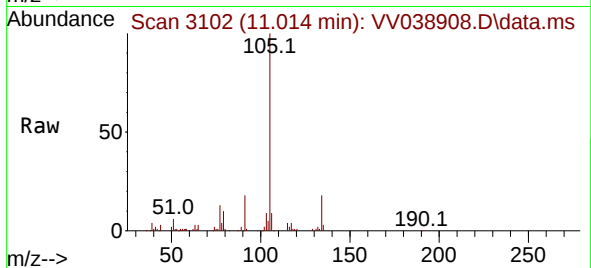
134 18.6 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#86

p-Isopropyltoluene

Concen: 2.142 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

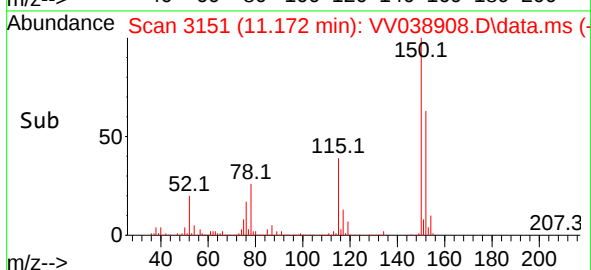
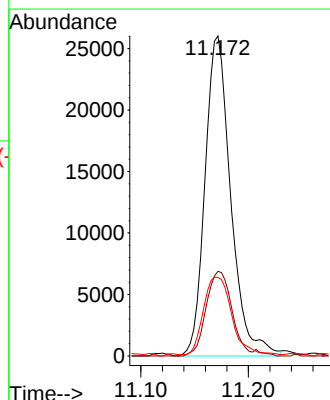
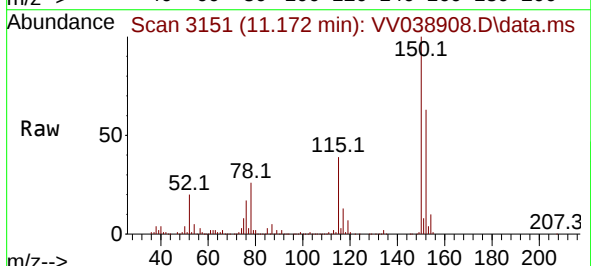
Tgt Ion:119 Resp: 43292

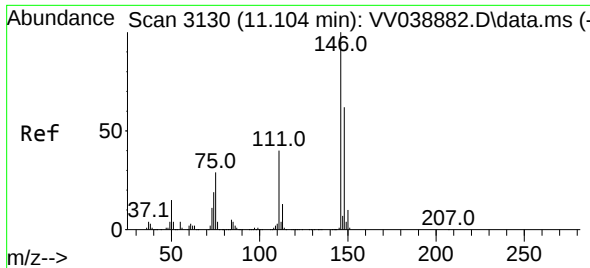
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 26.8 12.3 36.8





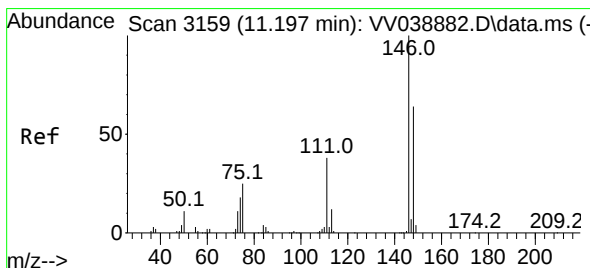
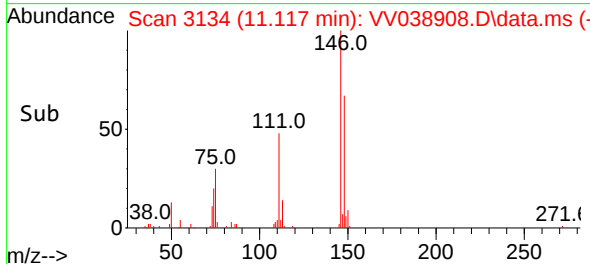
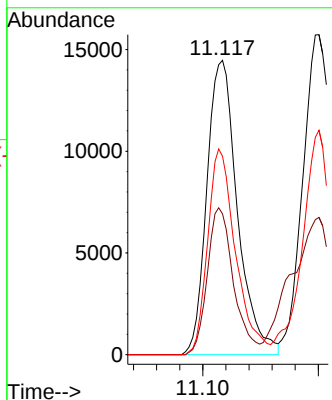
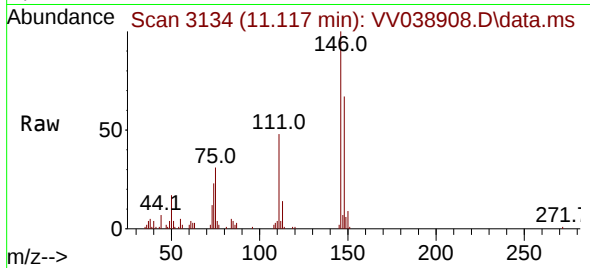
#87
1,3-Dichlorobenzene
Concen: 2.359 ug/l
RT: 11.117 min Scan# 3130
Delta R.T. 0.013 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion:146 Resp: 2664
Ion Ratio Lower Upper
146 100
111 42.8 20.2 60.5
148 64.1 31.4 94.3

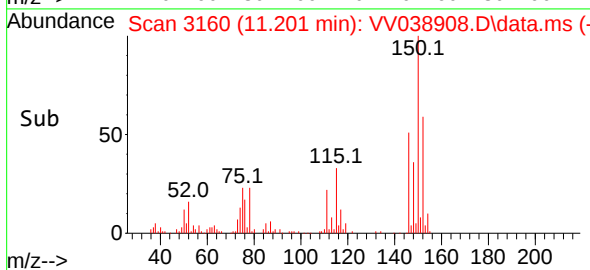
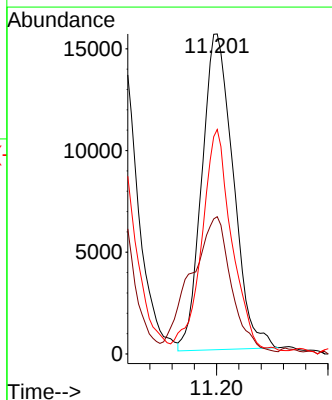
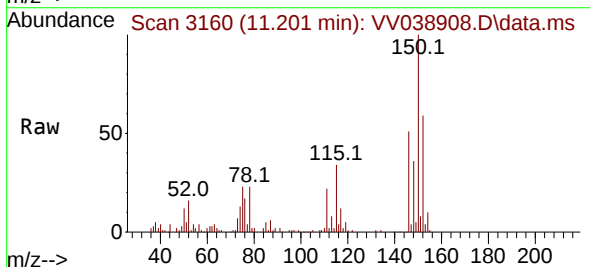
Manual Integrations
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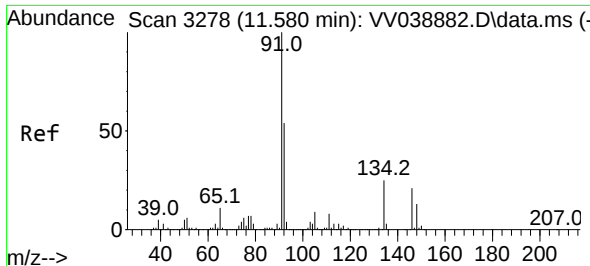
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#88
1,4-Dichlorobenzene
Concen: 2.471 ug/l
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion:146 Resp: 30361
Ion Ratio Lower Upper
146 100
111 55.7 19.8 59.3
148 67.8 32.1 96.5





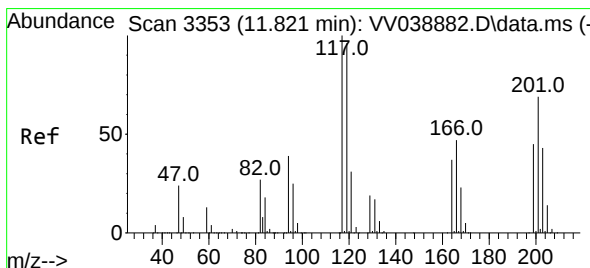
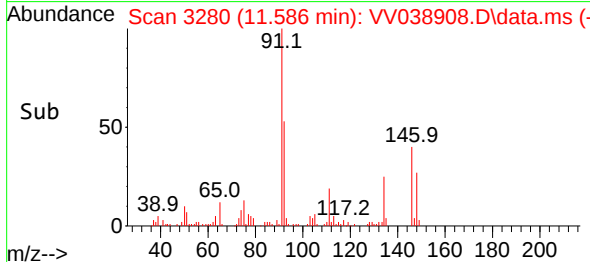
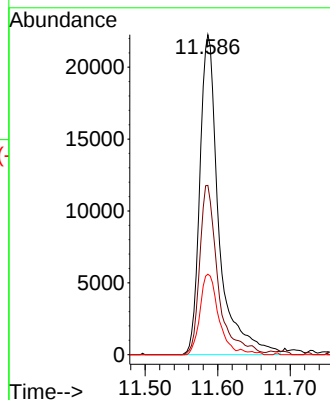
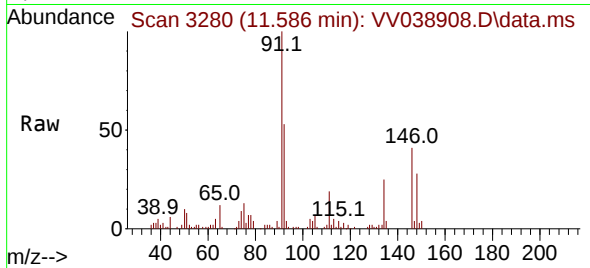
#89
n-Butylbenzene
Concen: 2.207 ug/l
RT: 11.586 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 4072
Ion Ratio Lower Upper
91 100
92 51.0 26.7 80.1
134 24.1 12.7 38.1

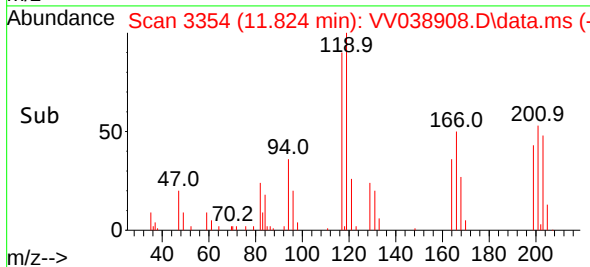
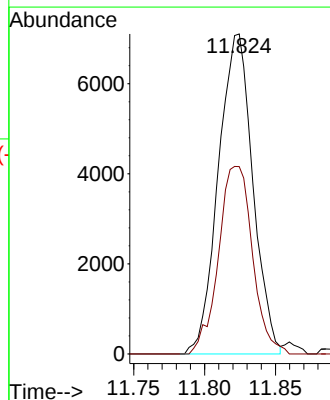
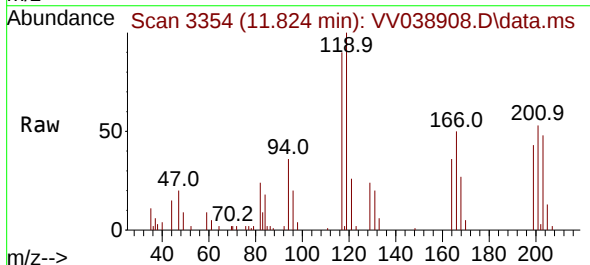
Manual Integrations
APPROVED

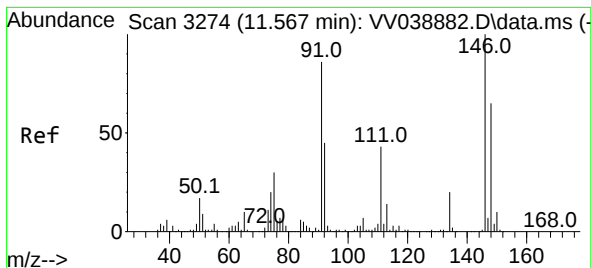
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#90
Hexachloroethane
Concen: 2.498 ug/l
RT: 11.824 min Scan# 3354
Delta R.T. 0.003 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

Tgt Ion:117 Resp: 12010
Ion Ratio Lower Upper
117 100
201 57.9 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 2.441 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

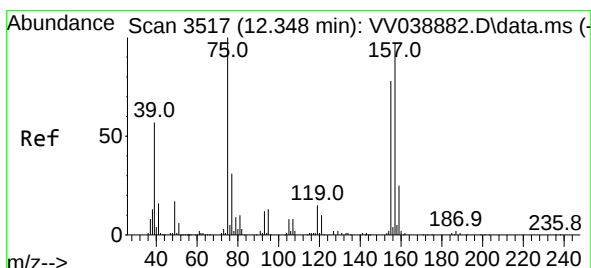
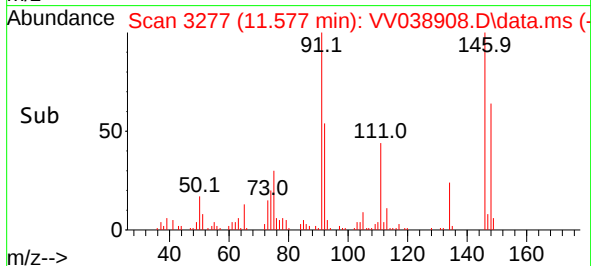
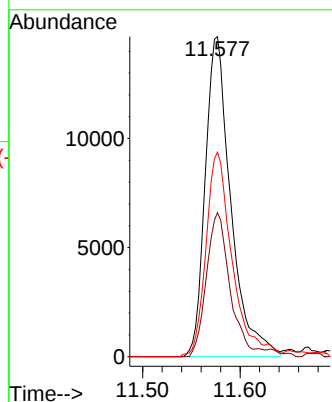
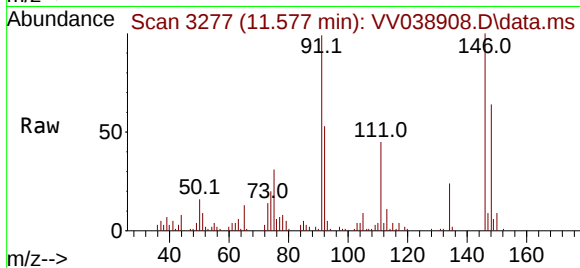
MDL04

Tgt Ion:	146	Resp:	2676
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.4	64.3
148	65.4	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.267 ug/l

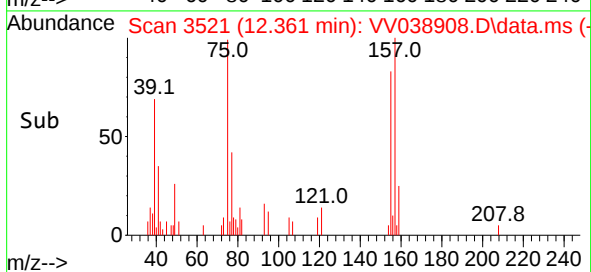
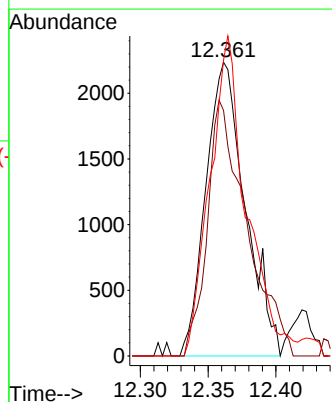
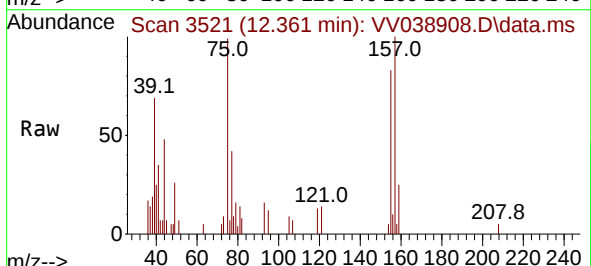
RT: 12.361 min Scan# 3521

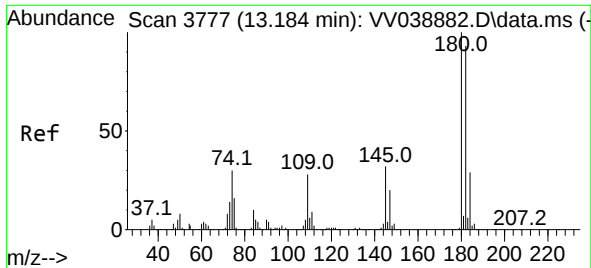
Delta R.T. 0.013 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

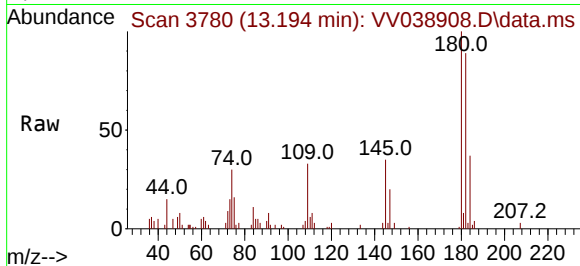
Tgt Ion:	75	Resp:	4528
Ion Ratio	Lower	Upper	
75	100		
155	86.9	40.2	120.6
157	101.5	51.1	153.3





#93
1,2,4-Trichlorobenzene
Concen: 2.074 ug/l
RT: 13.194 min Scan# 3777
Delta R.T. 0.010 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19

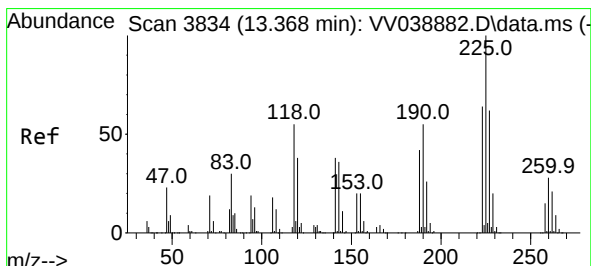
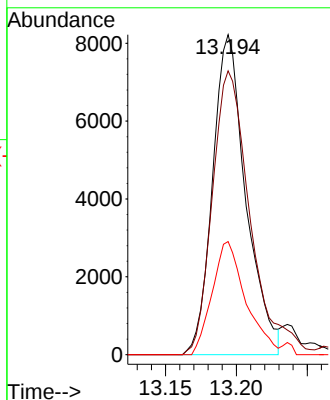
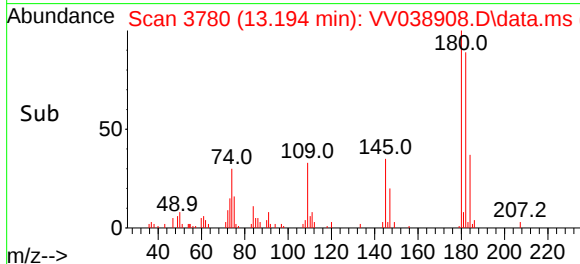
Instrument :
MSVOA_V
ClientSampleId :
MDL04



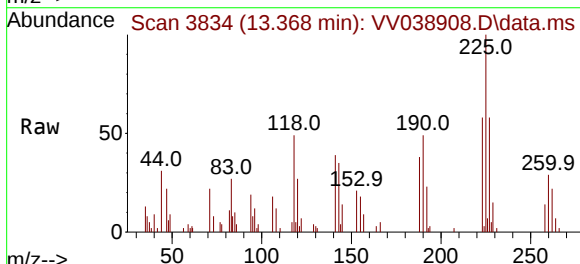
Tgt Ion:180 Resp: 13420
Ion Ratio Lower Upper
180 100
182 100.8 47.4 142.3
145 35.7 16.2 48.6

Manual Integrations
APPROVED

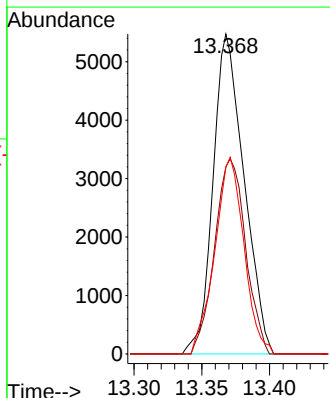
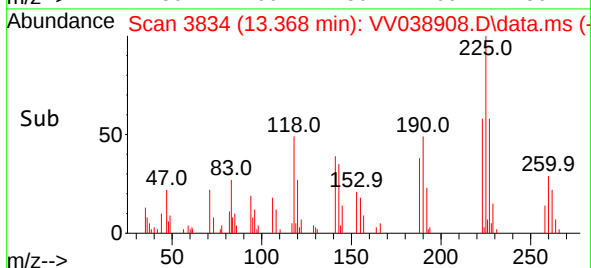
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

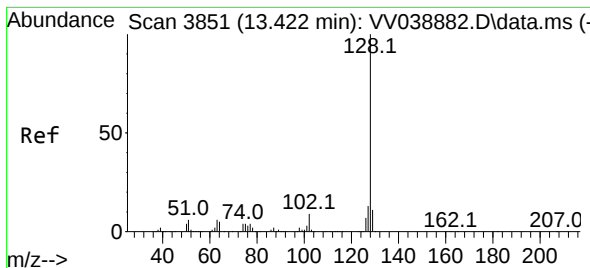


#94
Hexachlorobutadiene
Concen: 2.605 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV038908.D
Acq: 16 Jul 2025 15:19



Tgt Ion:225 Resp: 8681
Ion Ratio Lower Upper
225 100
223 61.1 32.4 97.2
227 58.0 31.3 93.9





#95

Naphthalene

Concen: 1.959 ug/l

RT: 13.432 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Instrument :

MSVOA_V

ClientSampleId :

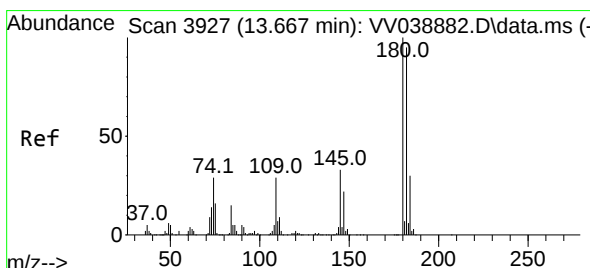
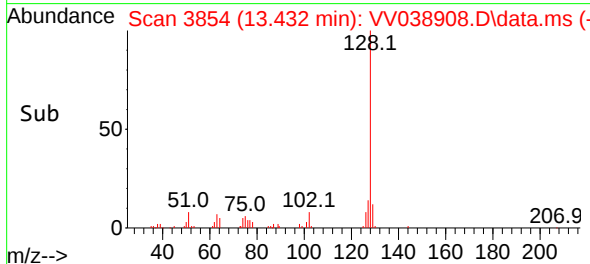
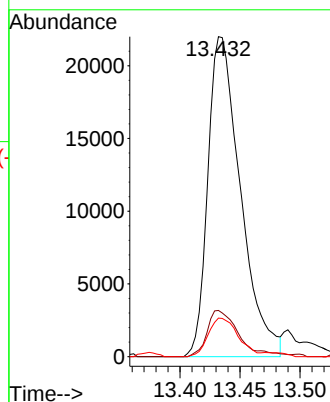
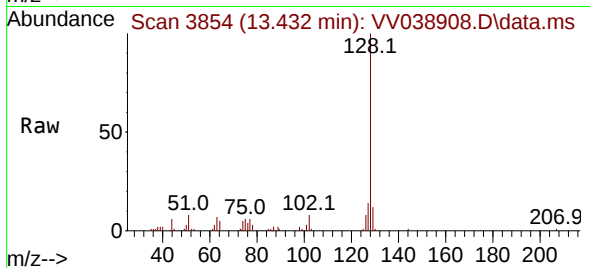
MDL04

Tgt Ion:	128	Resp:	4164
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96

1,2,3-Trichlorobenzene

Concen: 2.117 ug/l

RT: 13.673 min Scan# 3929

Delta R.T. 0.006 min

Lab File: VV038908.D

Acq: 16 Jul 2025 15:19

Tgt Ion:	180	Resp:	14204
Ion Ratio	Lower	Upper	
180	100		
182	91.9	47.0	141.2
145	36.2	17.0	51.0

