

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038923.D
 Acq On : 18 Jul 2025 15:44
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 19 01:05:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	572951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1056668	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	967699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	453141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	399259	57.033	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 114.060%			
35) Dibromofluoromethane	4.503	113	337981	46.913	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.820%			
50) Toluene-d8	7.236	98	1146641	52.654	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 105.300%			
62) 4-Bromofluorobenzene	10.001	95	435164	49.606	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 99.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	1853	0.368	ug/l	97
3) Chloromethane	1.230	50	2612	0.480	ug/l #	88
4) Vinyl Chloride	1.298	62	2483	0.399	ug/l	96
5) Bromomethane	1.497	94	3396	0.728	ug/l	91
6) Chloroethane	1.558	64	1829	0.440	ug/l #	86
7) Trichlorofluoromethane	1.725	101	4331	0.393	ug/l	86
8) Diethyl Ether	1.918	74	1832	0.463	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.082	101	2327	0.353	ug/l #	86
10) Methyl Iodide	2.201	142	3384	0.448	ug/l	93
11) Tert butyl alcohol	2.584	59	4351m	2.700	ug/l	
12) 1,1-Dichloroethene	2.085	96	3050	0.508	ug/l #	79
13) Acrolein	2.024	56	617m	2.647	ug/l	
14) Allyl chloride	2.362	41	4660	0.488	ug/l #	85
15) Acrylonitrile	2.690	53	9301	2.255	ug/l	98
16) Acetone	2.127	43	8941	2.952	ug/l	98
17) Carbon Disulfide	2.256	76	7116	0.569	ug/l #	86
18) Methyl Acetate	2.384	43	4003	0.391	ug/l	99
19) Methyl tert-butyl Ether	2.722	73	8838	0.393	ug/l	91
20) Methylene Chloride	2.455	84	4553	0.592	ug/l #	91
21) trans-1,2-Dichloroethene	2.706	96	3268	0.512	ug/l #	70
22) Diisopropyl ether	3.227	45	9039m	0.473	ug/l	
23) Vinyl Acetate	3.211	43	31097m	2.077	ug/l	
24) 1,1-Dichloroethane	3.117	63	5654	0.452	ug/l #	89
25) 2-Butanone	3.944	43	10142m	2.336	ug/l	
26) 2,2-Dichloropropane	3.799	77	4665m	0.426	ug/l	
27) cis-1,2-Dichloroethene	3.838	96	3091m	0.422	ug/l	
28) Bromochloromethane	4.156	49	2404m	0.497	ug/l	
29) Tetrahydrofuran	4.275	42	6649m	2.323	ug/l	
30) Chloroform	4.294	83	5403m	0.392	ug/l	
31) Cyclohexane	4.593	56	15554	1.895	ug/l #	16
32) 1,1,1-Trichloroethane	4.513	97	5057	0.420	ug/l #	47
36) 1,1-Dichloropropene	4.760	75	4555m	0.550	ug/l	
37) Ethyl Acetate	3.944	43	4328	0.444	ug/l #	69
38) Carbon Tetrachloride	4.741	117	4198m	0.382	ug/l	
39) Methylcyclohexane	6.047	83	4216m	0.432	ug/l	
40) Benzene	5.027	78	11412m	0.407	ug/l	

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.259	41	2005m	0.448	ug/l	
42) 1,2-Dichloroethane	5.059	62	5273m	0.493	ug/l	
43) Isopropyl Acetate	5.256	43	6546m	0.425	ug/l	
44) Trichloroethene	5.850	130	2892	0.394	ug/l	82
45) 1,2-Dichloropropane	6.101	63	2600m	0.351	ug/l	
46) Dibromomethane	6.249	93	2032m	0.354	ug/l	
47) Bromodichloromethane	6.442	83	3575	0.294	ug/l #	96
48) Methyl methacrylate	6.413	41	3055m	0.457	ug/l	
49) 1,4-Dioxane	6.371	88	834m	5.785	ug/l	
51) 4-Methyl-2-Pentanone	7.165	43	21115m	2.011	ug/l	
52) Toluene	7.326	92	6321	0.357	ug/l	96
53) t-1,3-Dichloropropene	7.612	75	3600m	0.327	ug/l	
54) cis-1,3-Dichloropropene	6.985	75	3705	0.311	ug/l #	68
55) 1,1,2-Trichloroethane	7.789	97	3357m	0.397	ug/l	
56) Ethyl methacrylate	7.767	69	3378m	0.336	ug/l	
57) 1,3-Dichloropropane	7.963	76	5054m	0.399	ug/l	
58) 2-Chloroethyl Vinyl ether	6.857	63	8678m	1.432	ug/l	
59) 2-Hexanone	8.120	43	13689m	1.752	ug/l	
60) Dibromochloromethane	8.185	129	3560	0.358	ug/l	81
61) 1,2-Dibromoethane	8.300	107	2769m	0.325	ug/l	
64) Tetrachloroethene	7.902	164	2598	0.409	ug/l #	80
65) Chlorobenzene	8.808	112	8267	0.391	ug/l	90
66) 1,1,1,2-Tetrachloroethane	8.908	131	2859	0.339	ug/l #	62
67) Ethyl Benzene	8.953	91	10268	0.327	ug/l	91
68) m/p-Xylenes	9.082	106	6849	0.560	ug/l	90
69) o-Xylene	9.480	106	2988	0.259	ug/l	94
70) Styrene	9.519	104	6253m	0.307	ug/l	
71) Bromoform	9.664	173	2288	0.334	ug/l #	90
73) Isopropylbenzene	9.863	105	8724	0.322	ug/l	97
74) N-amyl acetate	9.757	43	4486m	0.452	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	4828	0.426	ug/l	96
76) 1,2,3-Trichloropropane	10.214	75	3451m	0.410	ug/l	
77) Bromobenzene	10.159	156	3063	0.431	ug/l	96
78) n-propylbenzene	10.291	91	11794	0.373	ug/l	98
79) 2-Chlorotoluene	10.361	91	6963	0.346	ug/l	92
80) 1,3,5-Trimethylbenzene	10.474	105	7497	0.328	ug/l	95
81) trans-1,4-Dichloro-2-b...	9.943	75	1065m	0.308	ug/l	
82) 4-Chlorotoluene	10.484	91	7146	0.318	ug/l	89
83) tert-Butylbenzene	10.792	119	7853	0.328	ug/l	96
84) 1,2,4-Trimethylbenzene	10.857	105	6514	0.290	ug/l	99
85) sec-Butylbenzene	11.017	105	9658	0.316	ug/l	100
86) p-Isopropyltoluene	11.172	119	8813	0.340	ug/l #	79
87) 1,3-Dichlorobenzene	11.120	146	5891	0.406	ug/l	95
88) 1,4-Dichlorobenzene	11.201	146	8225m	0.522	ug/l	
89) n-Butylbenzene	11.593	91	8183	0.346	ug/l	98
90) Hexachloroethane	11.828	117	2345	0.380	ug/l	77
91) 1,2-Dichlorobenzene	11.583	146	5790	0.411	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.371	75	797m	0.311	ug/l	
93) 1,2,4-Trichlorobenzene	13.201	180	3771	0.454	ug/l	96
94) Hexachlorobutadiene	13.371	225	1837	0.429	ug/l	95
95) Naphthalene	13.445	128	9497m	0.348	ug/l	
96) 1,2,3-Trichlorobenzene	13.683	180	3377	0.392	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:02:29 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

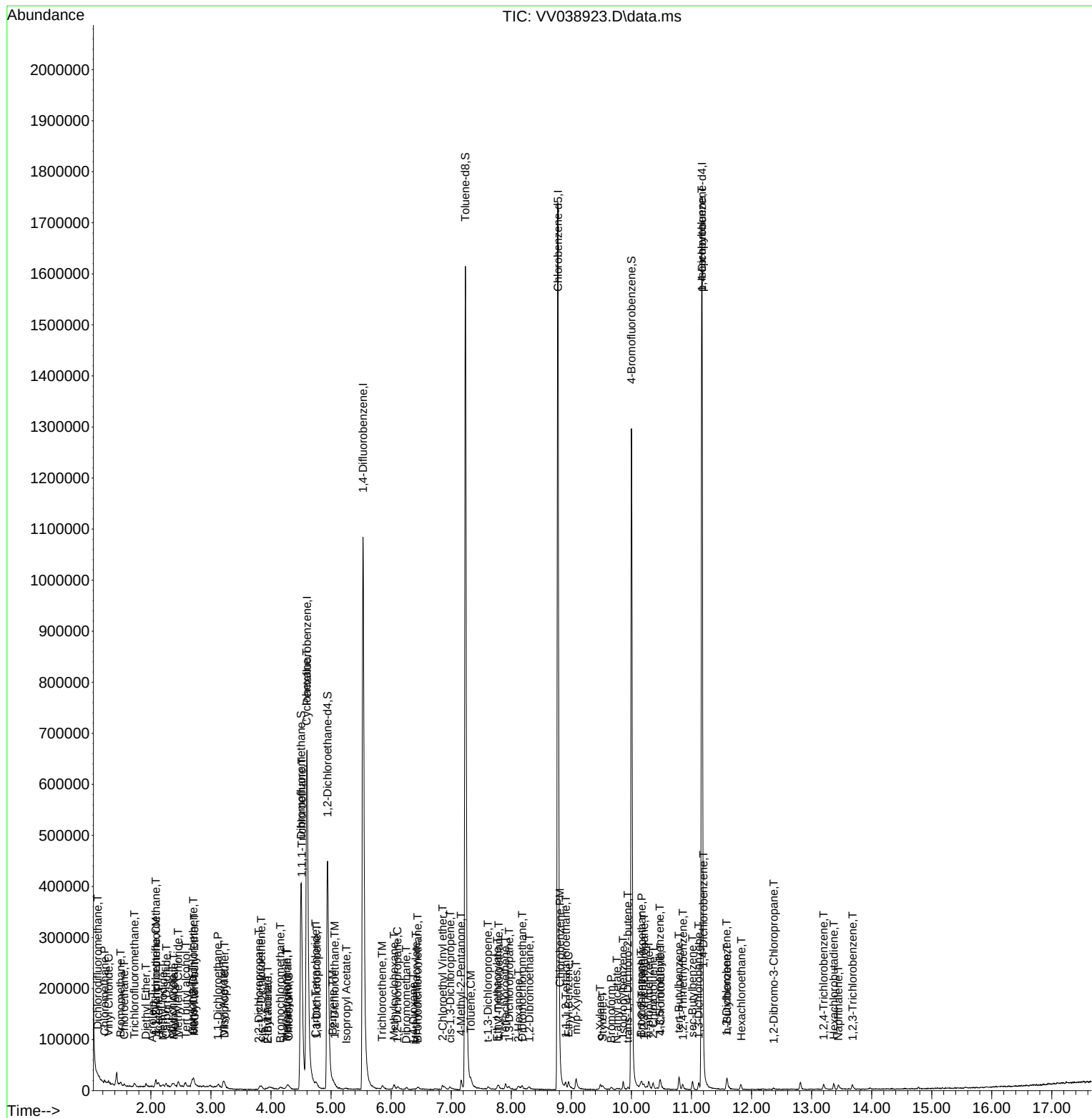
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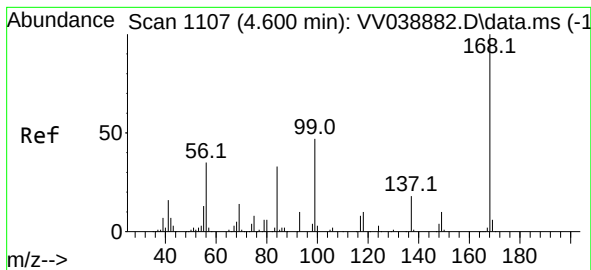
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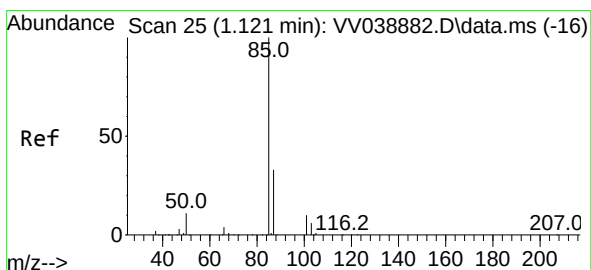
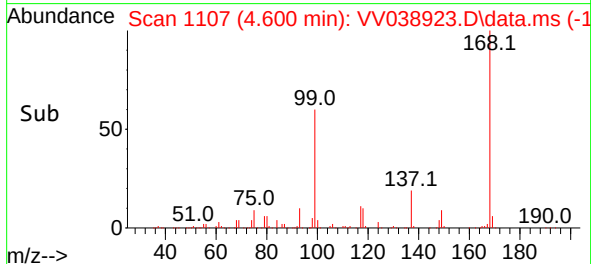
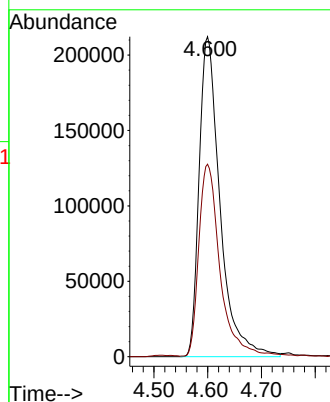
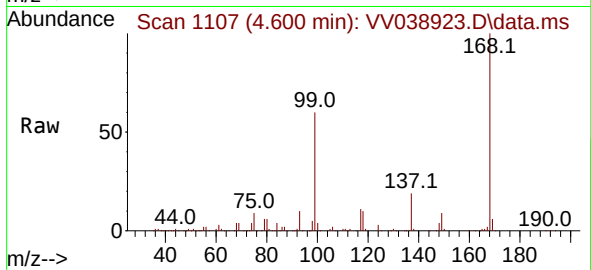
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038923.D
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Tgt Ion:168 Resp: 57295
Ion Ratio Lower Upper
168 100
99 60.0 48.6 73.0

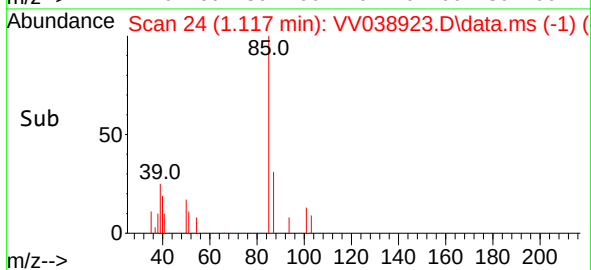
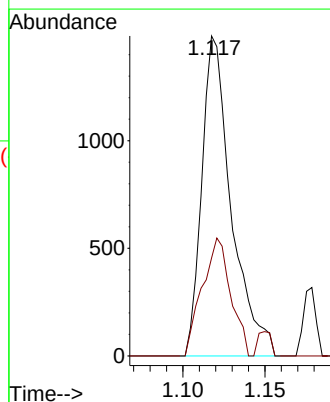
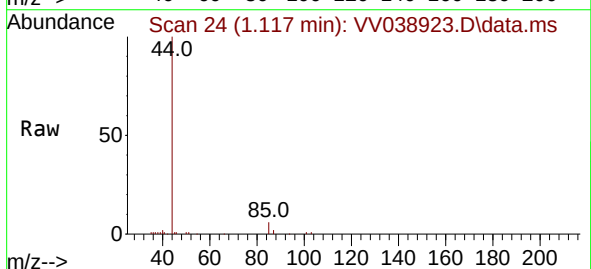
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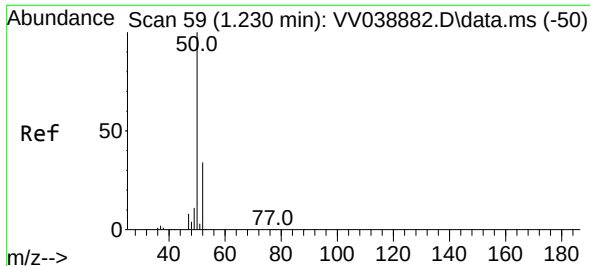
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 0.368 ug/l
RT: 1.117 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

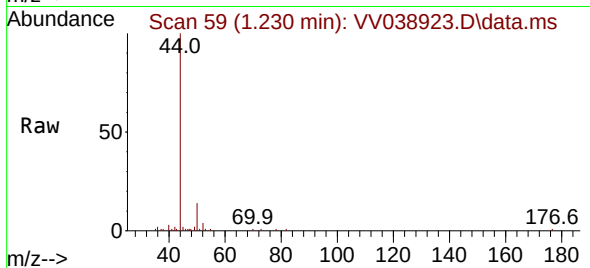
Tgt Ion: 85 Resp: 1853
Ion Ratio Lower Upper
85 100
87 30.6 16.3 48.8





#3
Chloromethane
Concen: 0.480 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

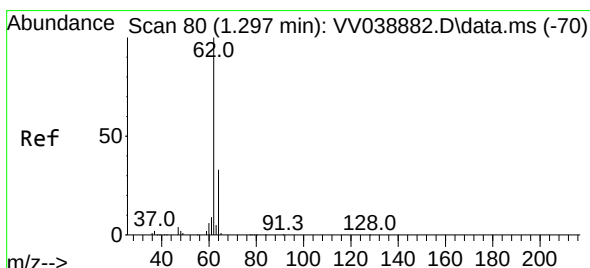
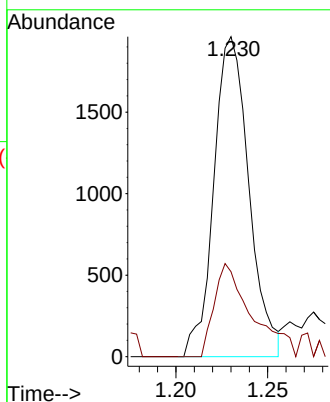
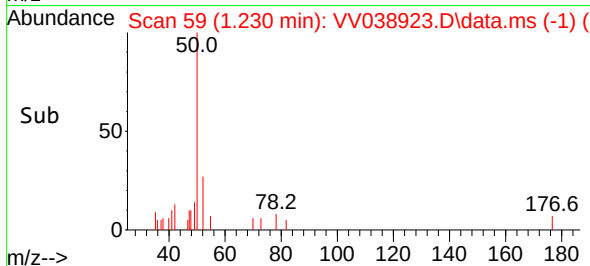
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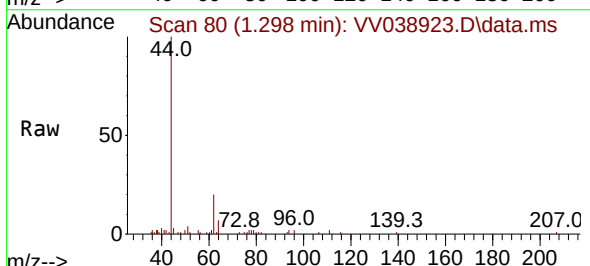
Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 26.5 26.9 40.3

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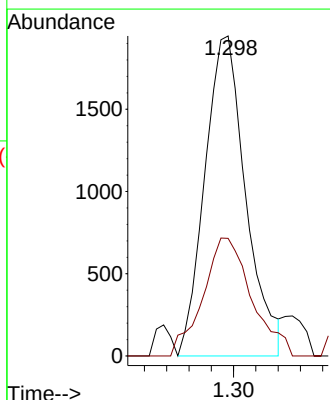
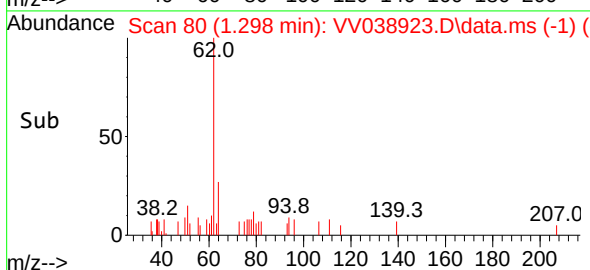
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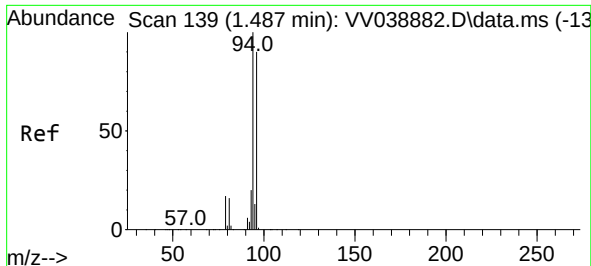


#4
Vinyl Chloride
Concen: 0.399 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.001 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44



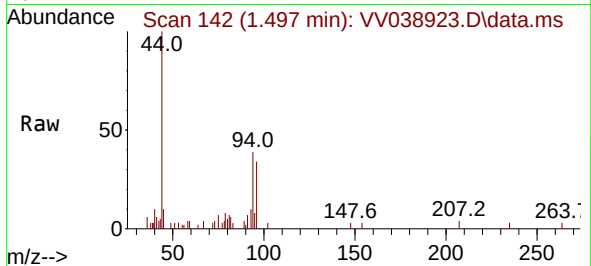
Tgt Ion: 62 Resp: 2483
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2





#5
Bromomethane
Concen: 0.728 ug/l
RT: 1.497 min Scan# 140
Delta R.T. 0.010 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

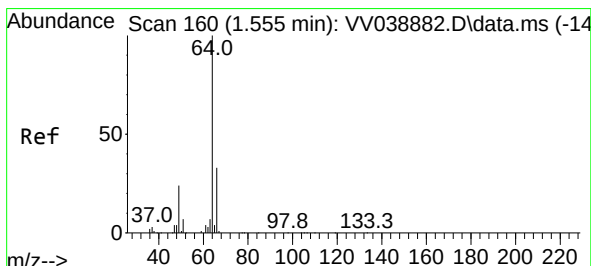
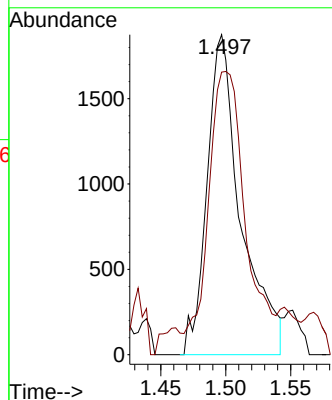
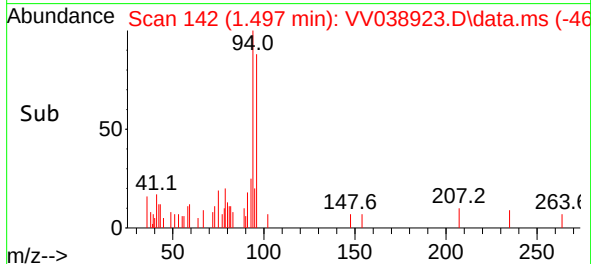
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Tgt Ion: 94 Resp: 3390
Ion Ratio Lower Upper
94 100
96 81.5 71.9 107.9

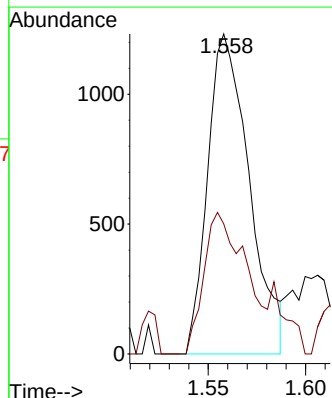
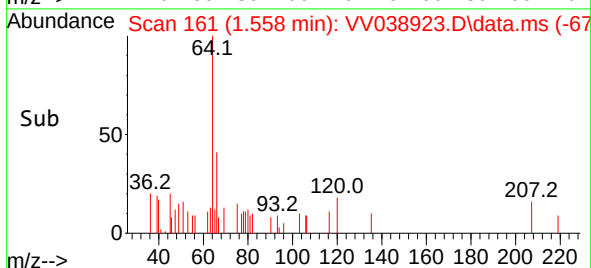
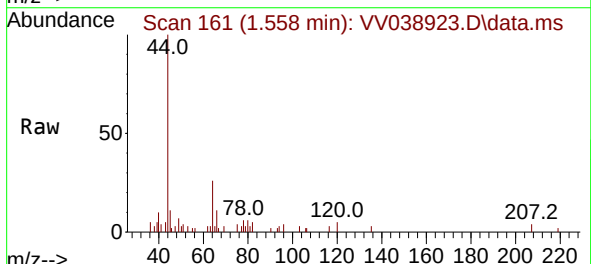
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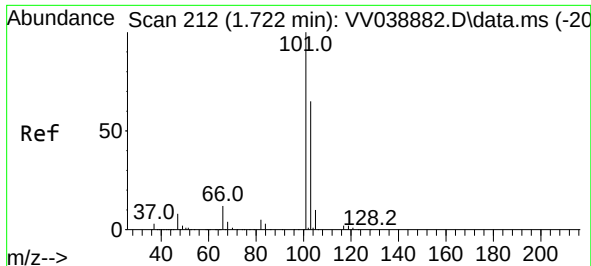
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#6
Chloroethane
Concen: 0.440 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

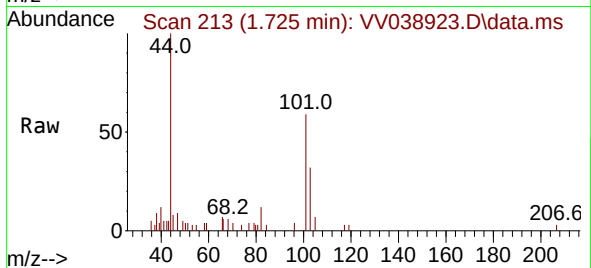
Tgt Ion: 64 Resp: 1829
Ion Ratio Lower Upper
64 100
66 40.7 26.2 39.2#





#7
 Trichlorofluoromethane
 Concen: 0.393 ug/l
 RT: 1.725 min Scan# 212
 Delta R.T. 0.003 min
 Lab File: VV038923.D
 Acq: 18 Jul 2025 15:44

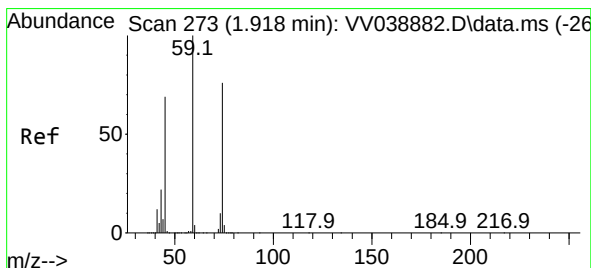
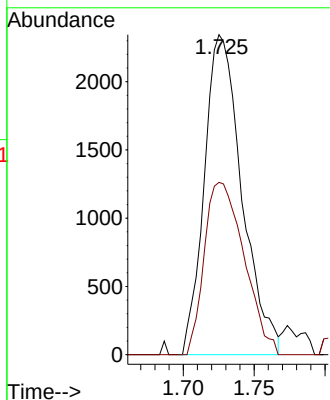
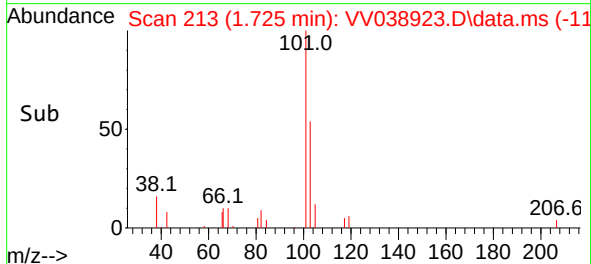
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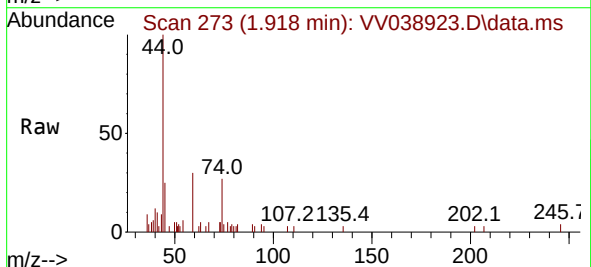
Tgt Ion: 101 Resp: 433
 Ion Ratio Lower Upper
 101 100
 103 53.9 51.8 77.6

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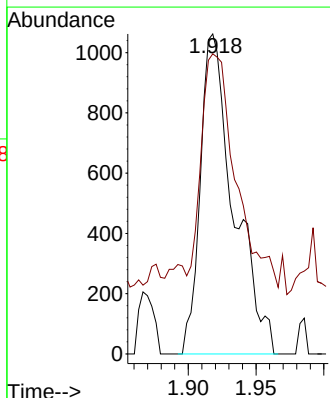
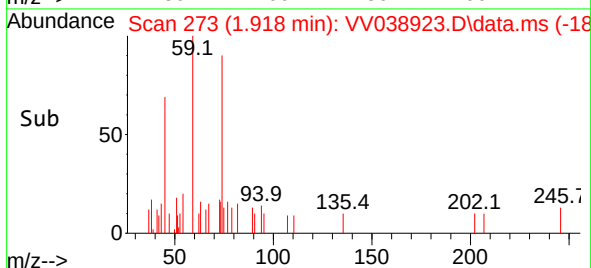
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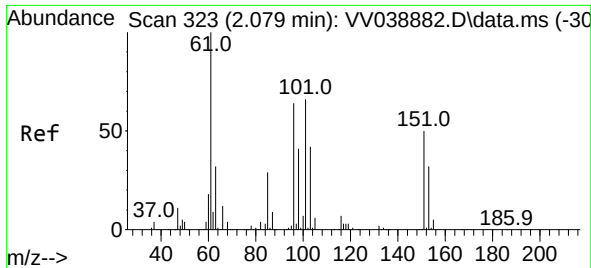


#8
 Diethyl Ether
 Concen: 0.463 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038923.D
 Acq: 18 Jul 2025 15:44



Tgt Ion: 74 Resp: 1832
 Ion Ratio Lower Upper
 74 100
 45 75.1 45.5 136.5





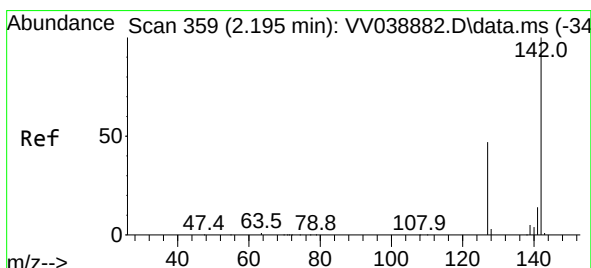
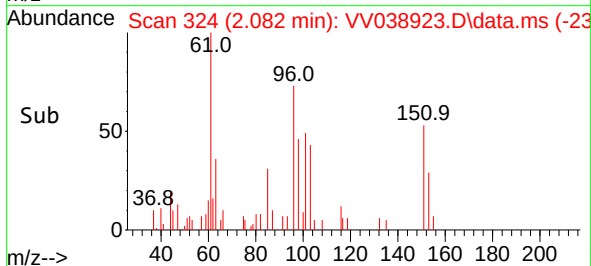
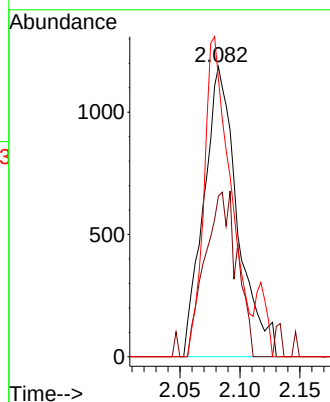
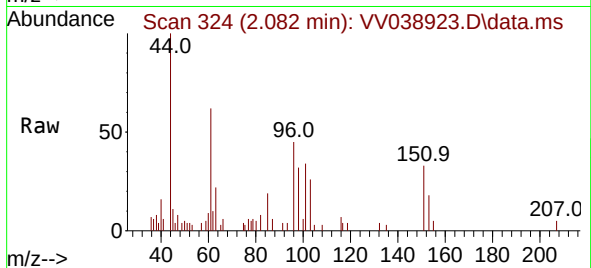
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.353 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:101 Resp: 232
Ion Ratio Lower Upper
101 100
85 54.0 35.0 52.6
151 86.6 60.1 90.1

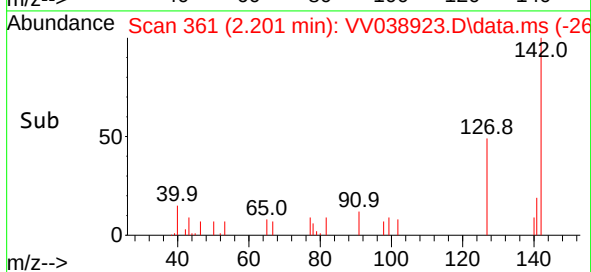
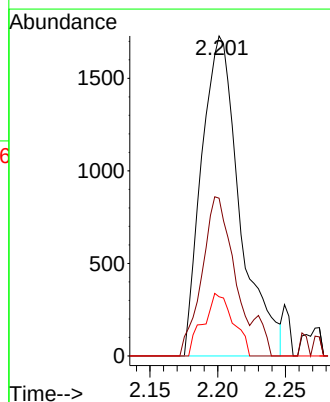
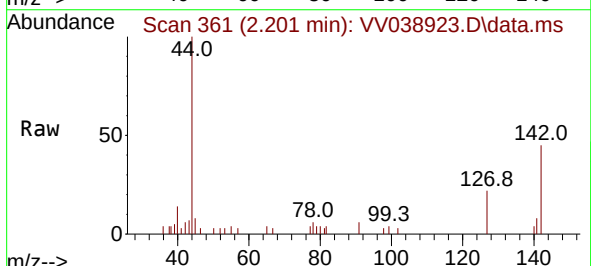
Manual Integrations
APPROVED

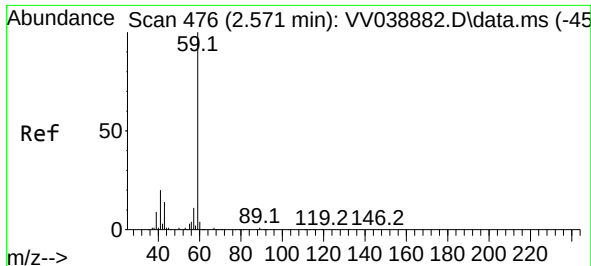
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Methyl Iodide
Concen: 0.448 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

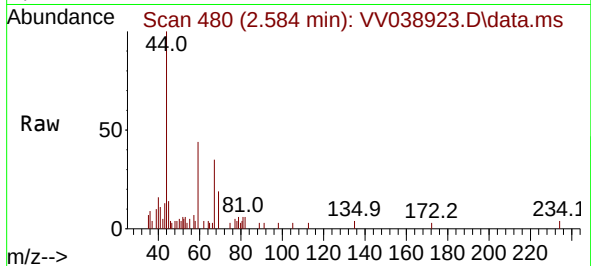
Tgt Ion:142 Resp: 3384
Ion Ratio Lower Upper
142 100
127 41.1 37.3 55.9
141 15.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 2.700 ug/l m
RT: 2.584 min Scan# 476
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

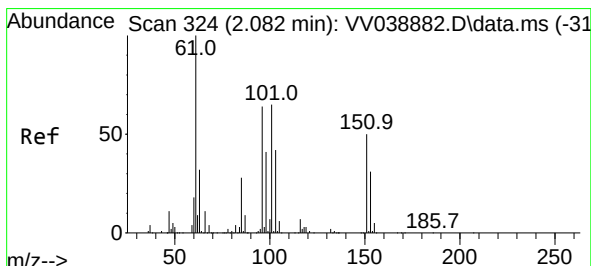
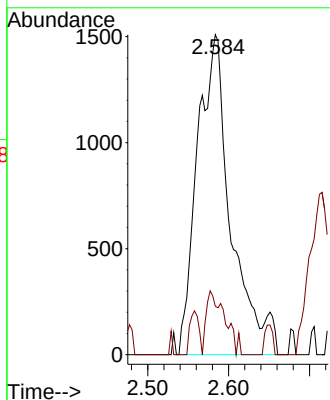
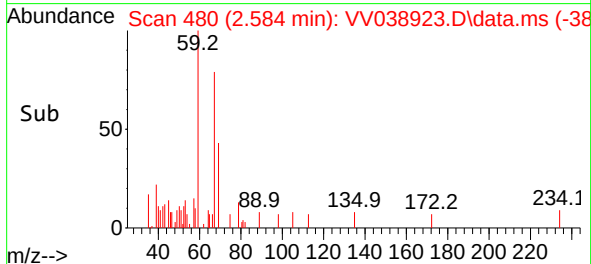
Instrument : MSVOA_V
ClientSampleId : MDL07



Tgt Ion: 59 Resp: 435
Ion Ratio Lower Upper
59 100
57 3.6 8.6 12.8

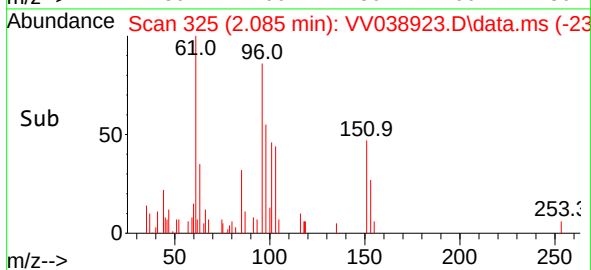
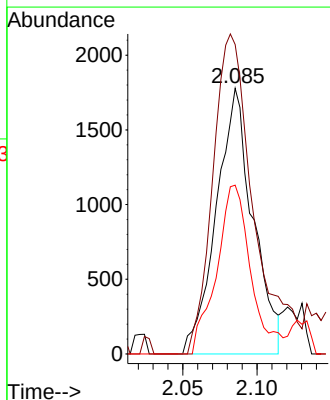
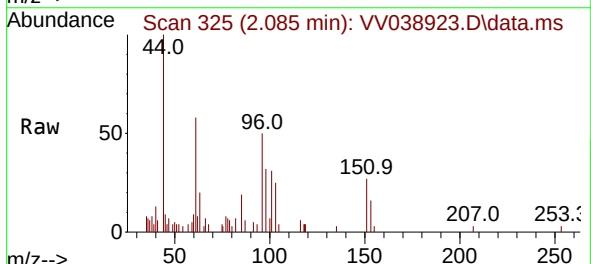
Manual Integrations
APPROVED

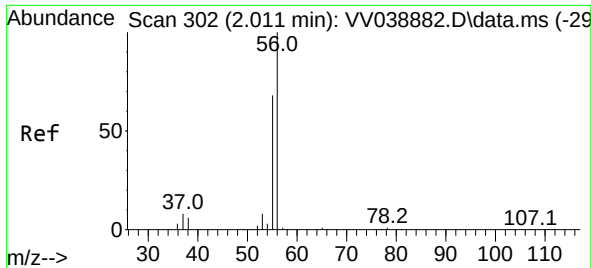
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#12
1,1-Dichloroethene
Concen: 0.508 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 96 Resp: 3050
Ion Ratio Lower Upper
96 100
61 116.5 124.1 186.1#
98 63.6 50.6 75.8





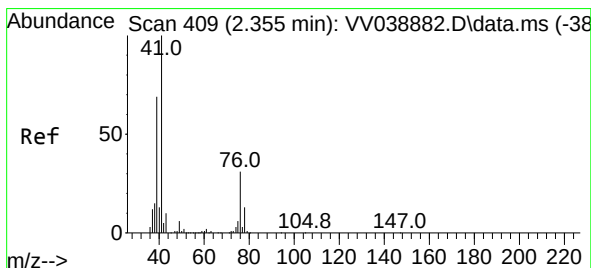
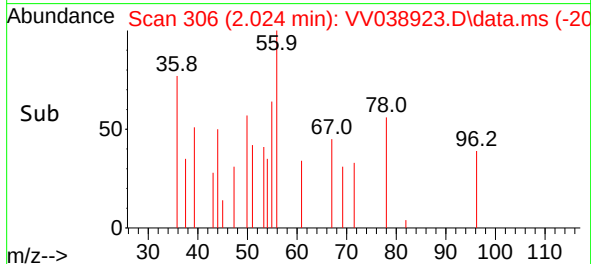
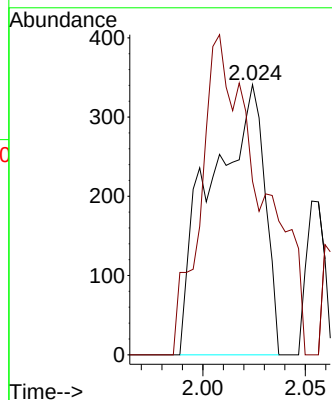
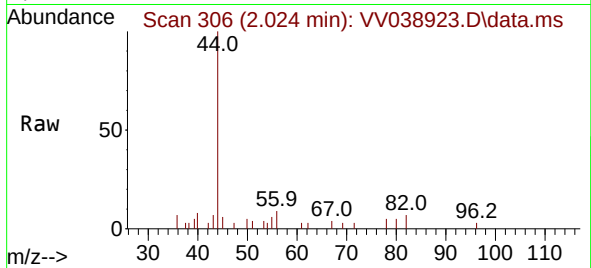
#13
Acrolein
Concen: 2.647 ug/l m
RT: 2.024 min Scan# 302
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 133.5 56.7 85.1

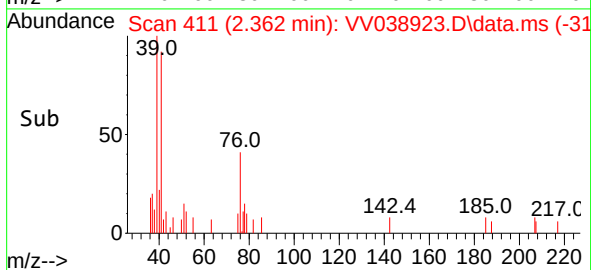
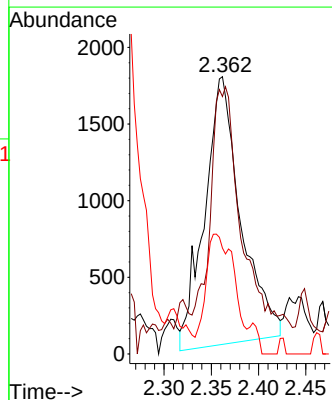
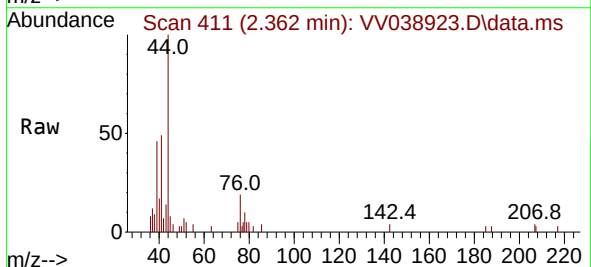
Manual Integrations
APPROVED

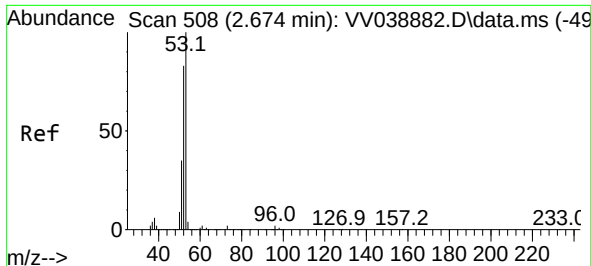
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#14
Allyl chloride
Concen: 0.488 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

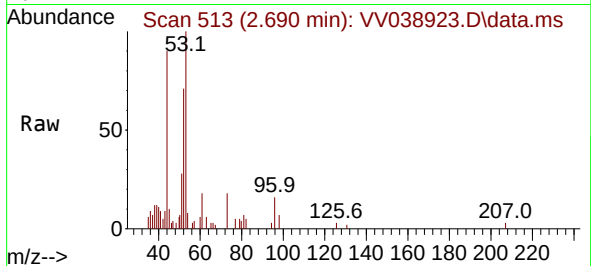
Tgt Ion: 41 Resp: 4660
Ion Ratio Lower Upper
41 100
39 73.9 50.6 76.0
76 27.7 30.4 45.6





#15
Acrylonitrile
Concen: 2.255 ug/l
RT: 2.690 min Scan# 513
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

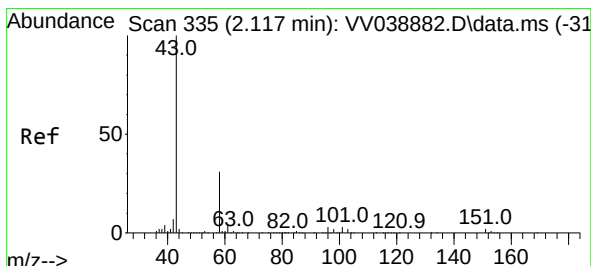
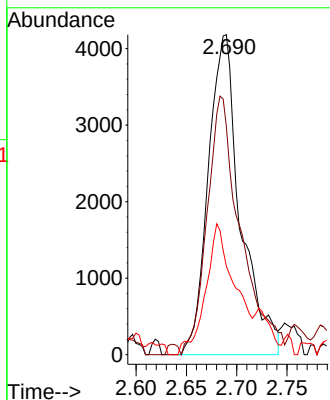
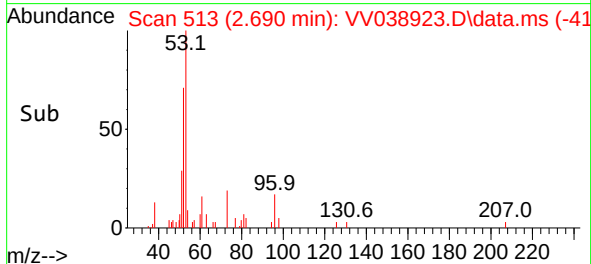
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 53 Resp: 930
Ion Ratio Lower Upper
53 100
52 84.3 66.6 99.8
51 37.3 28.7 43.1

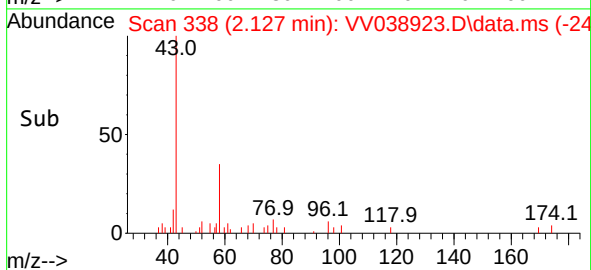
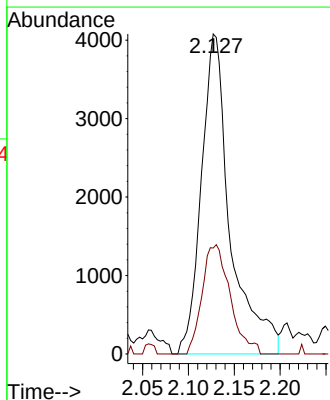
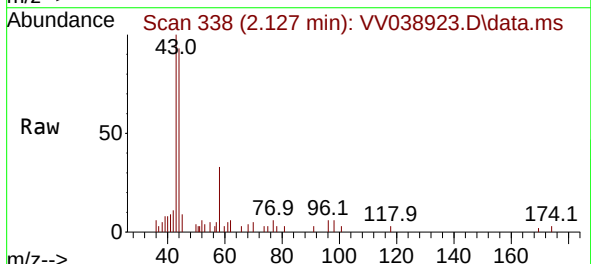
Manual Integrations
APPROVED

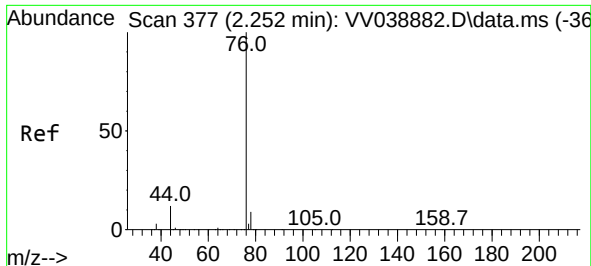
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
Acetone
Concen: 2.952 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

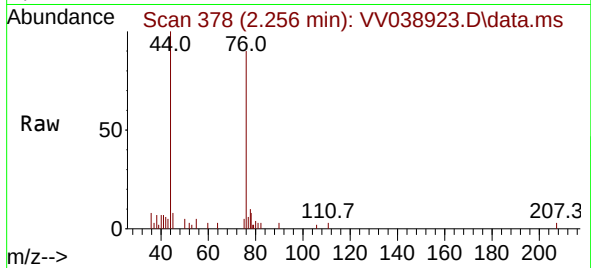
Tgt Ion: 43 Resp: 8941
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6





#17
Carbon Disulfide
Concen: 0.569 ug/l
RT: 2.256 min Scan# 311
Delta R.T. 0.004 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

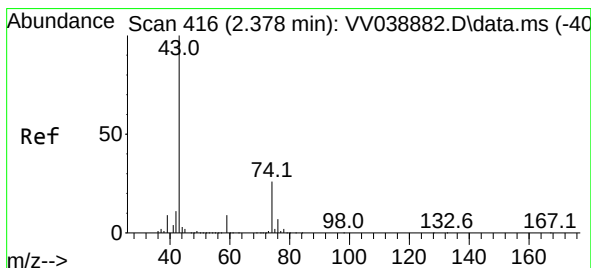
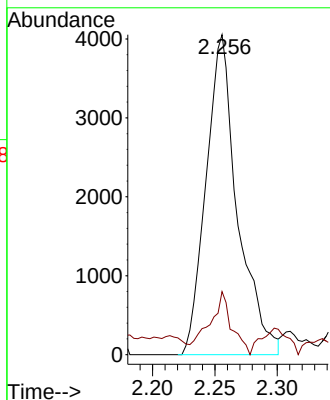
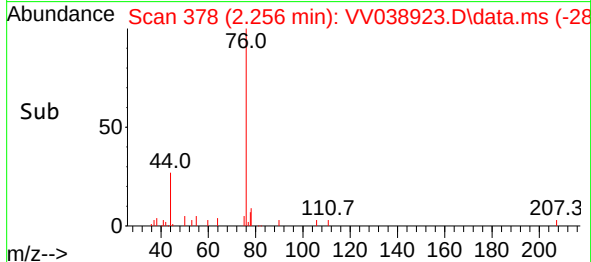
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 76 Resp: 7110
Ion Ratio Lower Upper
76 100
78 14.5 7.4 11.2

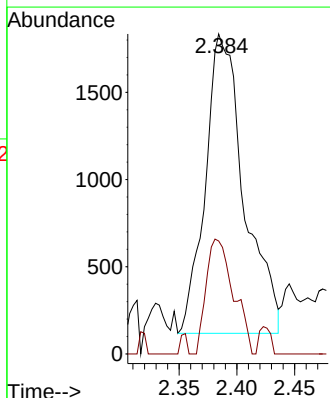
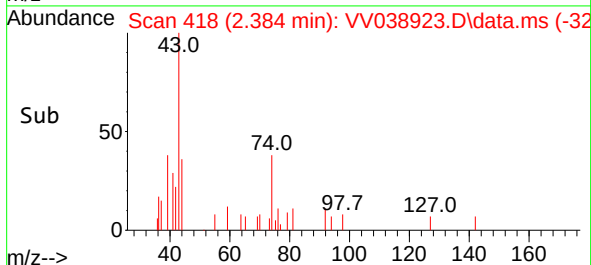
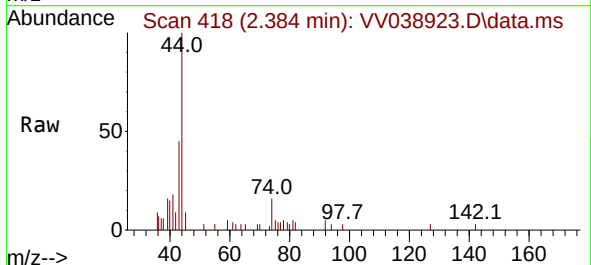
Manual Integrations
APPROVED

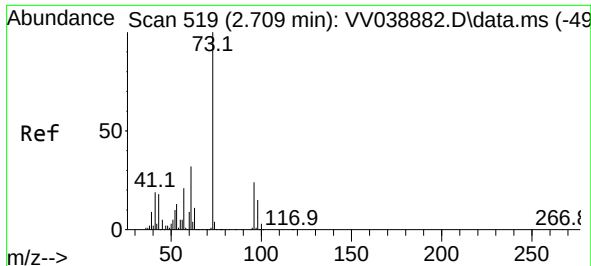
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#18
Methyl Acetate
Concen: 0.391 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 43 Resp: 4003
Ion Ratio Lower Upper
43 100
74 27.1 21.1 31.7





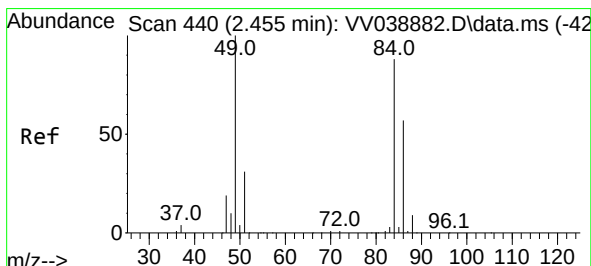
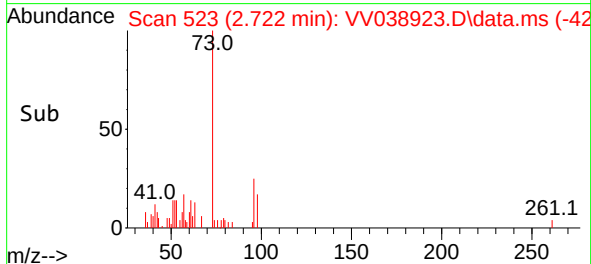
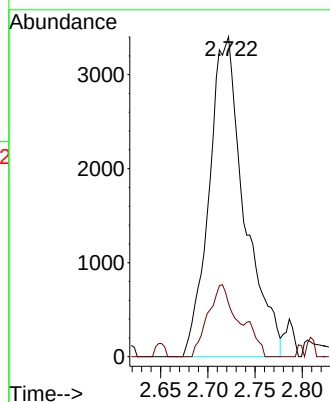
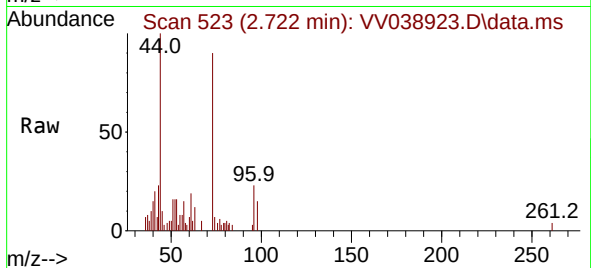
#19
Methyl tert-butyl Ether
Concen: 0.393 ug/l
RT: 2.722 min Scan# 519
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 73 Resp: 8838
Ion Ratio Lower Upper
73 100
57 16.6 16.5 24.7

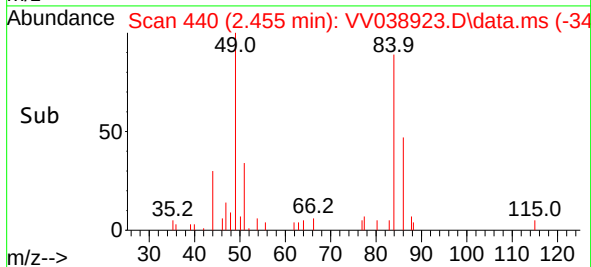
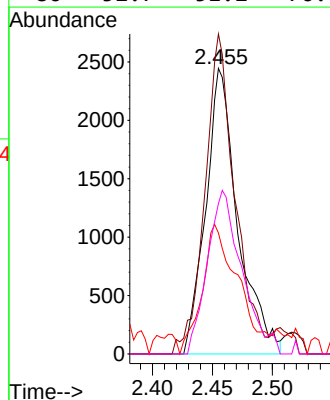
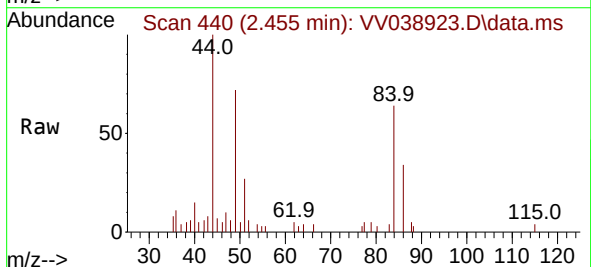
Manual Integrations
APPROVED

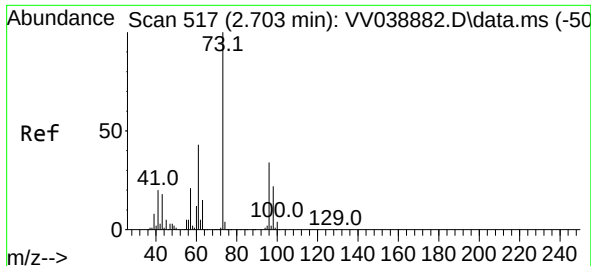
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#20
Methylene Chloride
Concen: 0.592 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

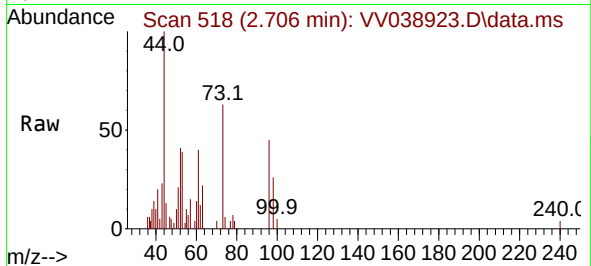
Tgt Ion: 84 Resp: 4553
Ion Ratio Lower Upper
84 100
49 107.8 90.5 135.7
51 42.3 27.8 41.6#
86 52.7 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 0.512 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

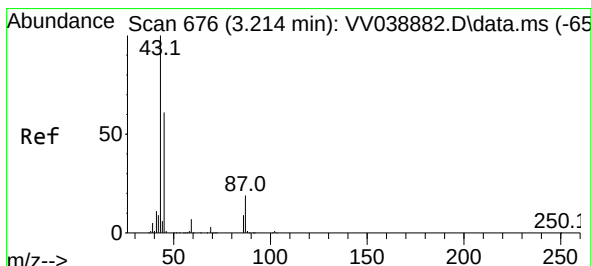
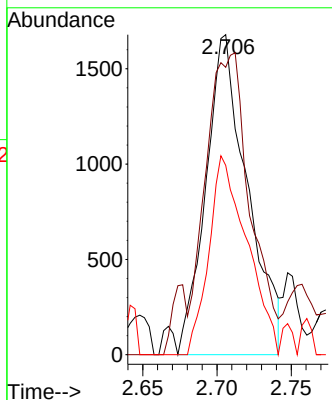
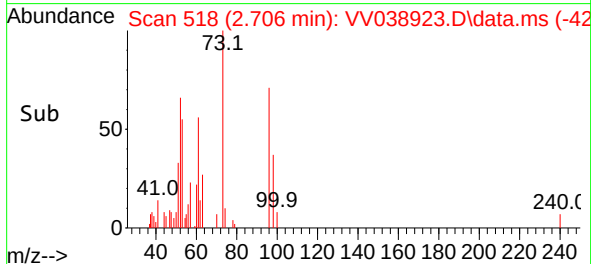
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 96 Resp: 3268
Ion Ratio Lower Upper
96 100
61 78.6 102.0 153.0
98 59.1 51.0 76.6

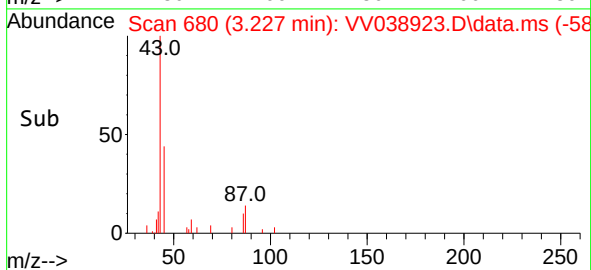
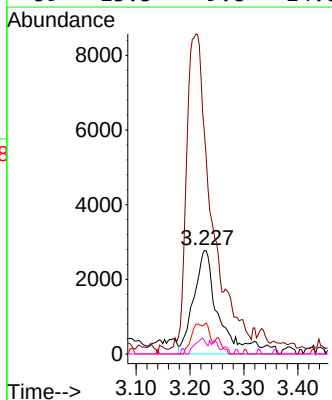
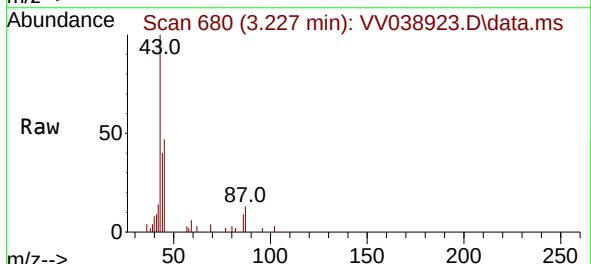
Manual Integrations
APPROVED

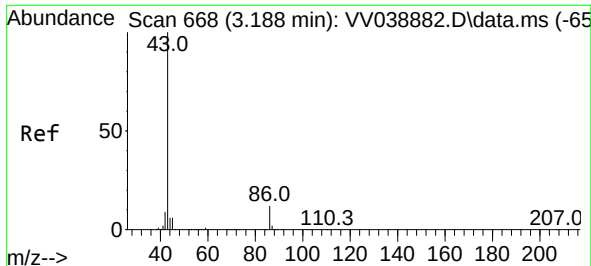
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#22
Diisopropyl ether
Concen: 0.473 ug/l m
RT: 3.227 min Scan# 680
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

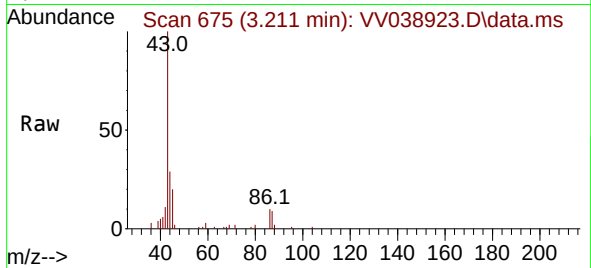
Tgt Ion: 45 Resp: 9039
Ion Ratio Lower Upper
45 100
43 213.2 132.1 198.1#
87 28.5 25.0 37.4
59 13.3 9.8 14.8





#23
 Vinyl Acetate
 Concen: 2.077 ug/l m
 RT: 3.211 min Scan# 610
 Delta R.T. 0.023 min
 Lab File: VV038923.D
 Acq: 18 Jul 2025 15:44

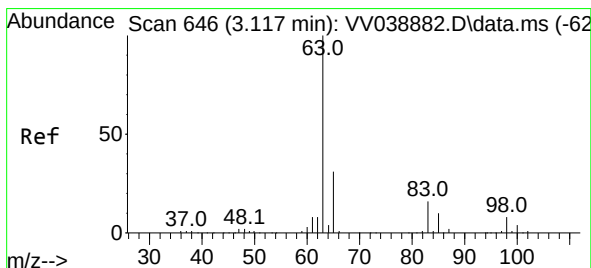
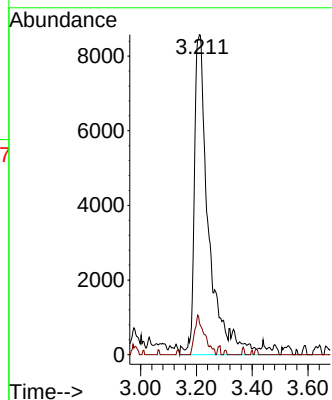
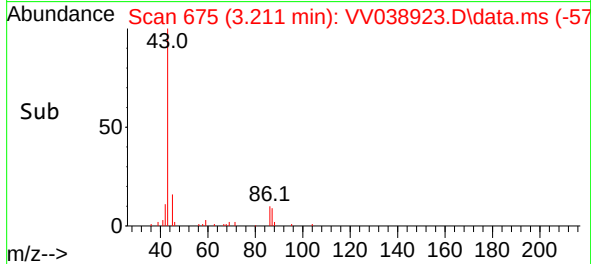
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07



Tgt Ion: 43 Resp: 3109
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.8 14.6

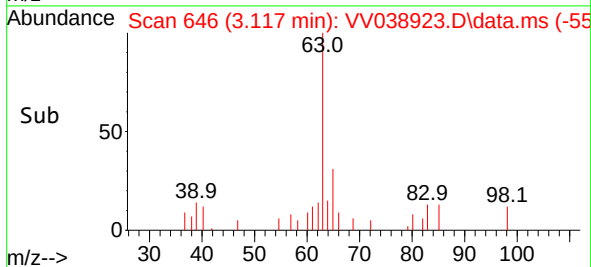
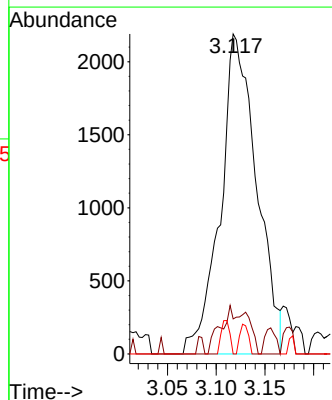
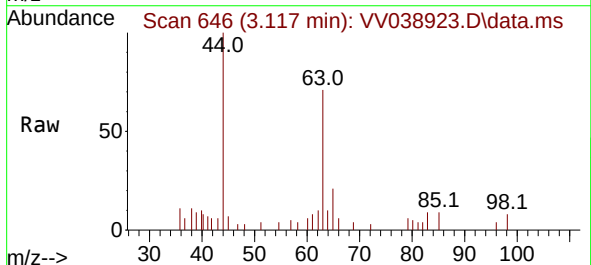
Manual Integrations
 APPROVED

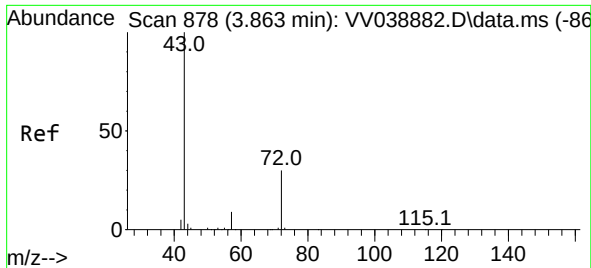
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#24
 1,1-Dichloroethane
 Concen: 0.452 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038923.D
 Acq: 18 Jul 2025 15:44

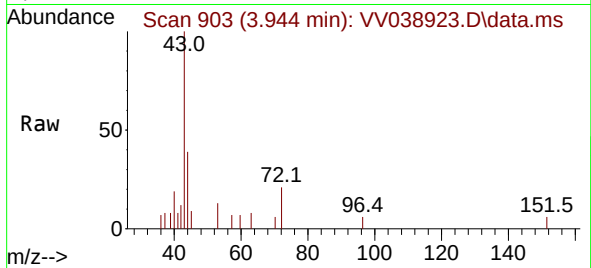
Tgt Ion: 63 Resp: 5654
 Ion Ratio Lower Upper
 63 100
 98 11.0 3.9 11.7
 100 0.0 2.2 6.6#





#25
2-Butanone
Concen: 2.336 ug/l m
RT: 3.944 min Scan# 901
Delta R.T. 0.080 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

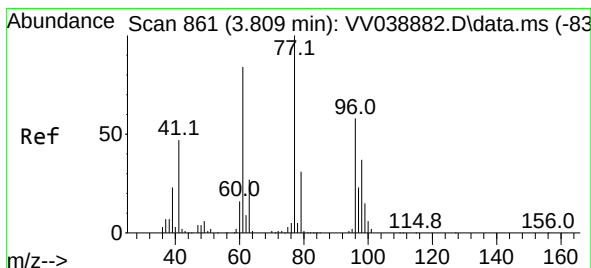
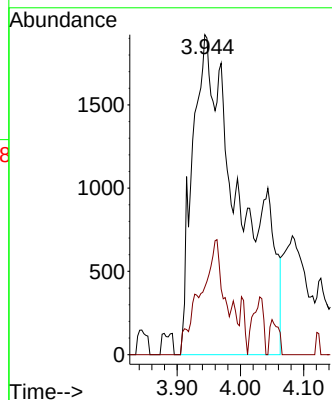
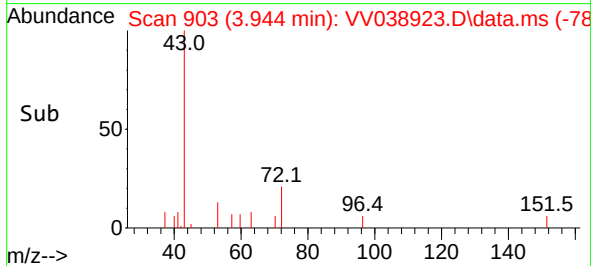
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
72 21.1 23.9 35.9

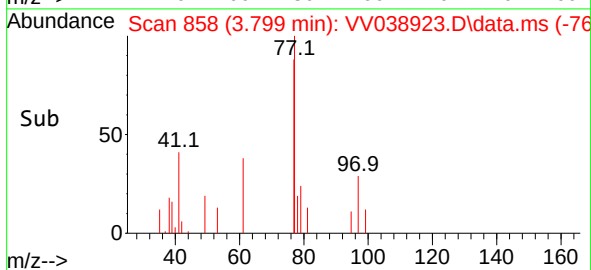
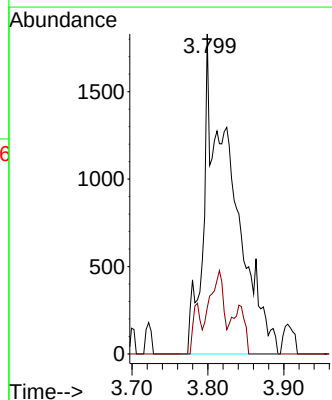
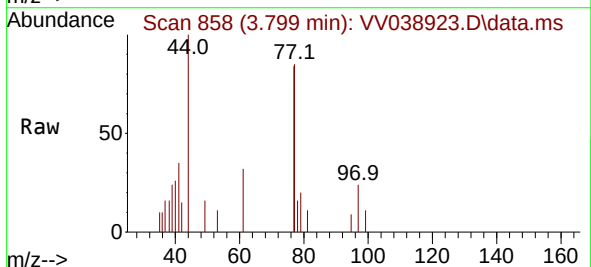
Manual Integrations
APPROVED

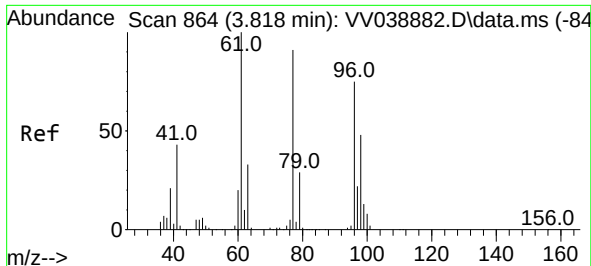
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#26
2,2-Dichloropropane
Concen: 0.426 ug/l m
RT: 3.799 min Scan# 858
Delta R.T. -0.010 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 77 Resp: 4665
Ion Ratio Lower Upper
77 100
97 13.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 0.422 ug/l m

RT: 3.838 min Scan# 81

Delta R.T. 0.019 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 96 Resp: 309

Ion Ratio Lower Upper

96 100

61 131.7 0.0 275.0

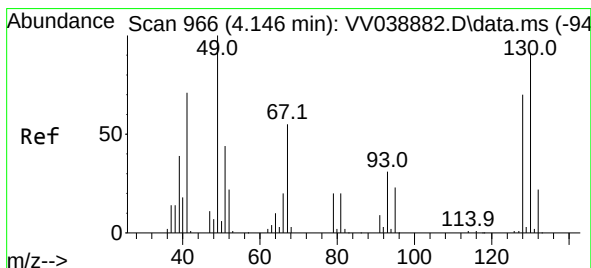
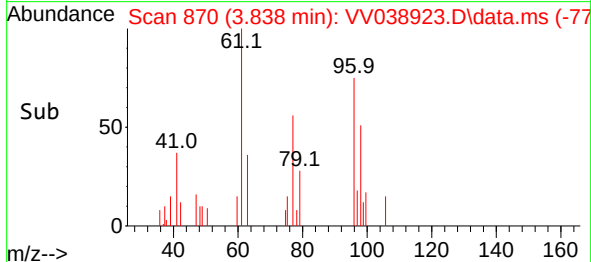
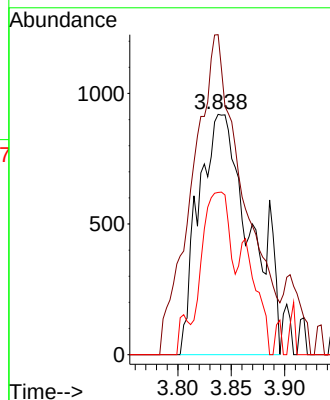
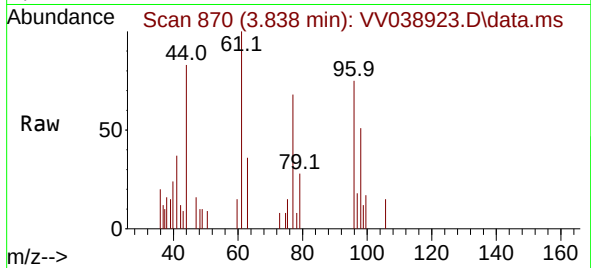
98 37.4 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#28

Bromochloromethane

Concen: 0.497 ug/l m

RT: 4.156 min Scan# 969

Delta R.T. 0.010 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

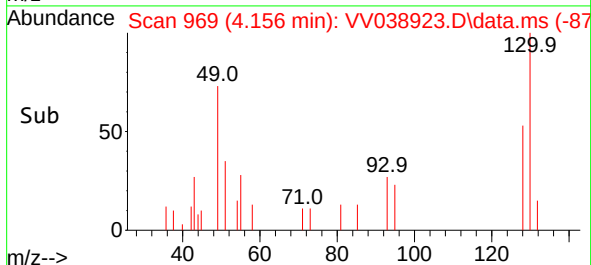
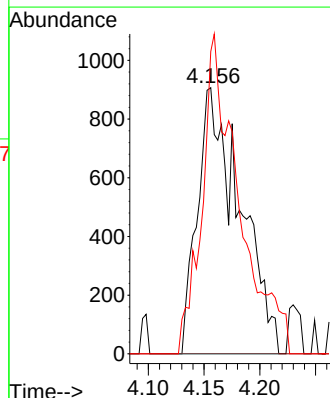
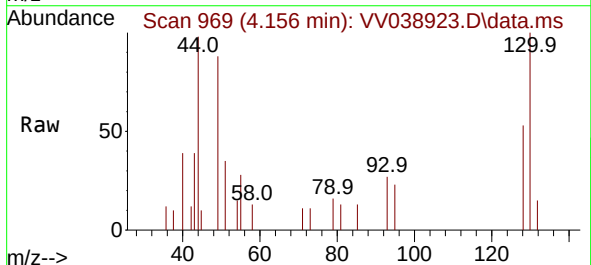
Tgt Ion: 49 Resp: 2404

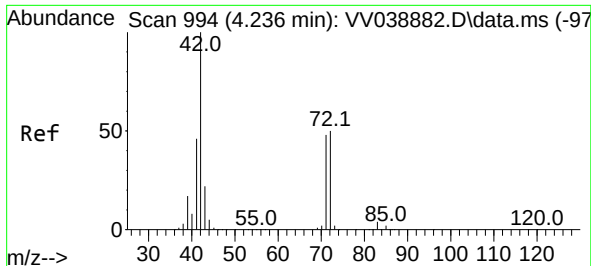
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 103.9 70.1 105.1





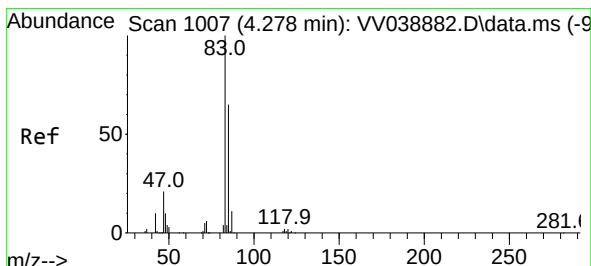
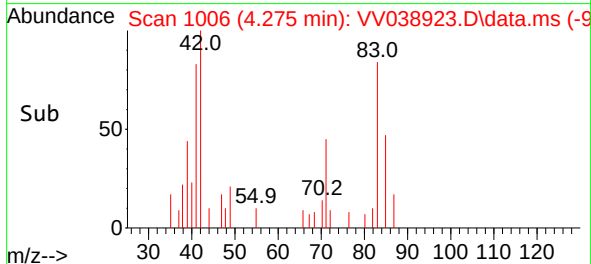
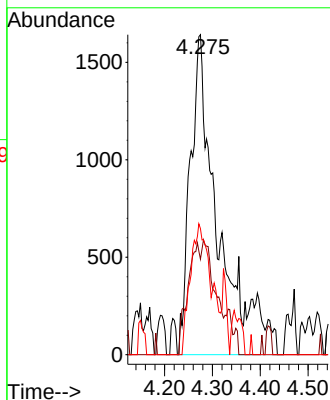
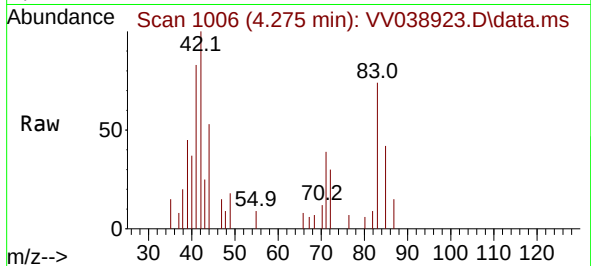
#29
Tetrahydrofuran
Concen: 2.323 ug/l m
RT: 4.275 min Scan# 1006
Delta R.T. 0.039 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument : MSVOA_V
ClientSampleId : MDL07

Tgt Ion: 42 Resp: 6649
Ion Ratio Lower Upper
42 100
72 16.0 41.6 62.4
71 25.4 38.4 57.6

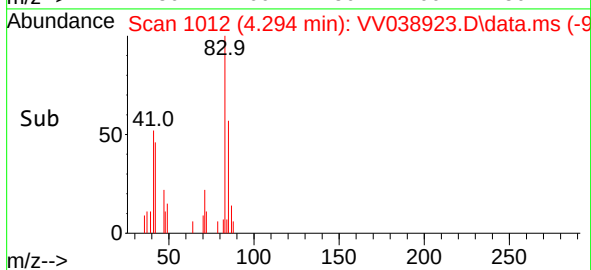
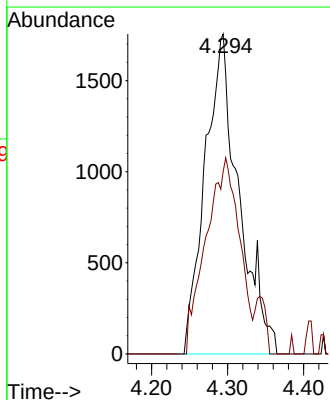
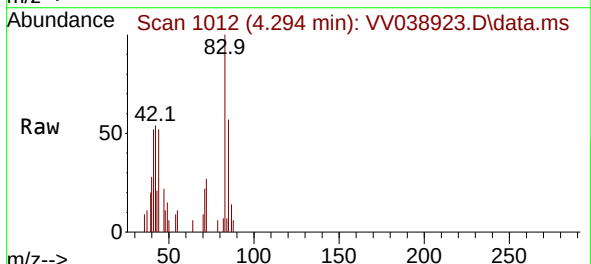
Manual Integrations
APPROVED

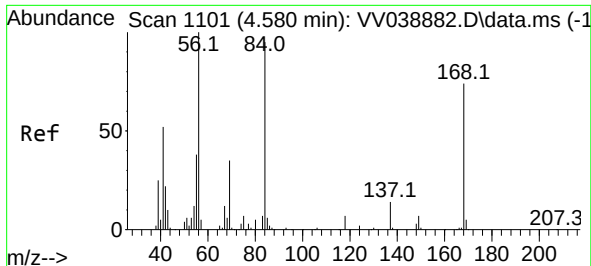
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30
Chloroform
Concen: 0.392 ug/l m
RT: 4.294 min Scan# 1012
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

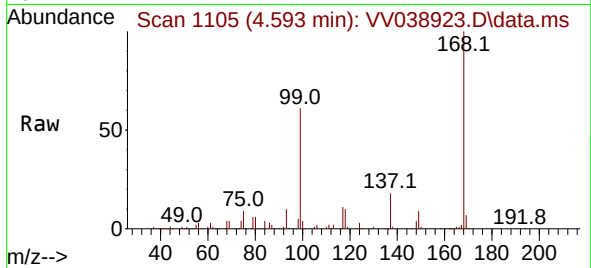
Tgt Ion: 83 Resp: 5403
Ion Ratio Lower Upper
83 100
85 56.9 52.2 78.4





#31
Cyclohexane
Concen: 1.895 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

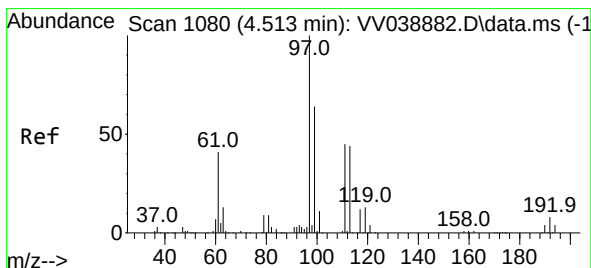
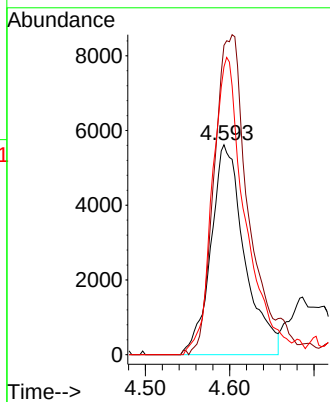
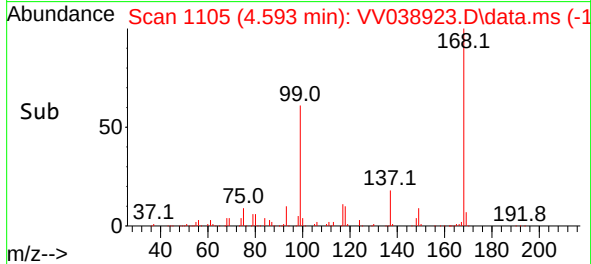
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 56 Resp: 1555
Ion Ratio Lower Upper
56 100
69 147.4 28.2 42.2
84 137.2 76.0 114.0

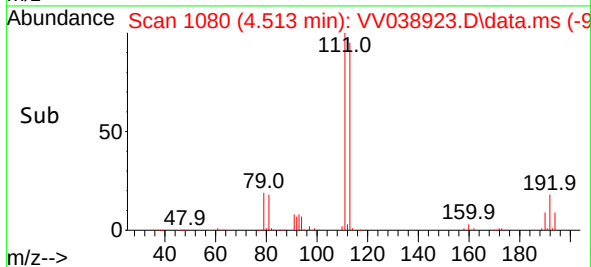
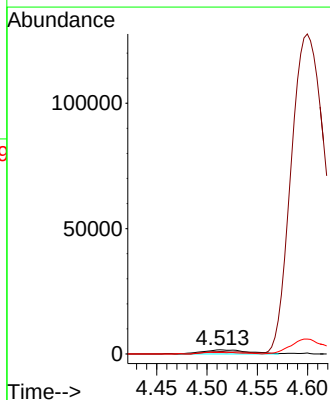
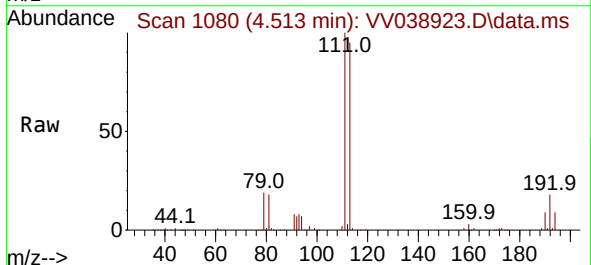
Manual Integrations
APPROVED

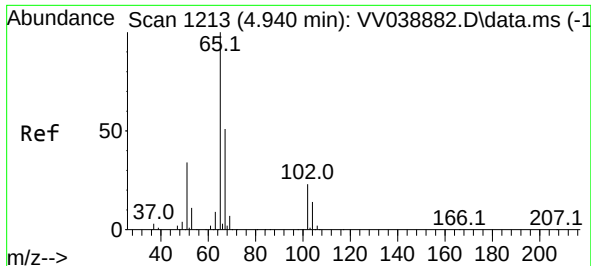
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#32
1,1,1-Trichloroethane
Concen: 0.420 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 97 Resp: 5057
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 33.9 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 57.033 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 65 Resp: 39925

Ion Ratio Lower Upper

65 100

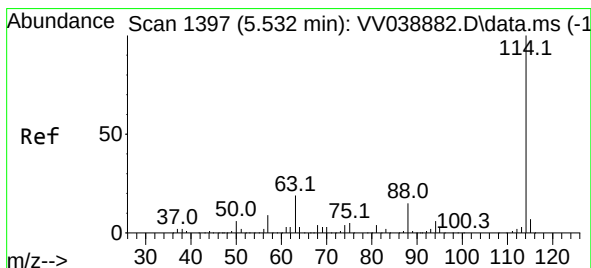
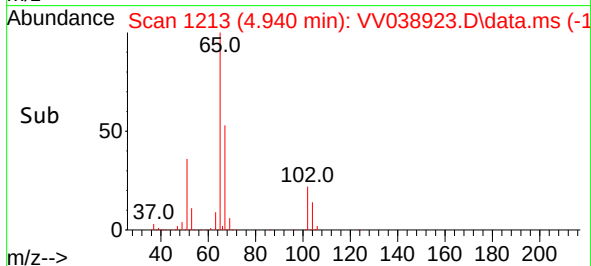
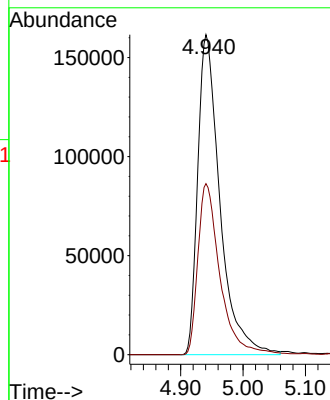
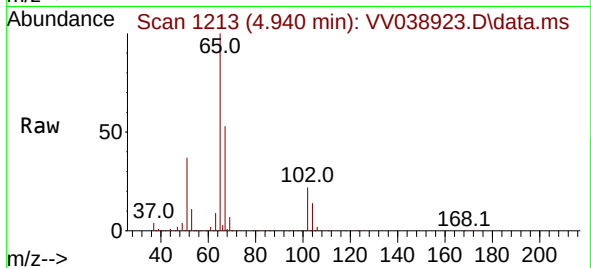
67 53.2 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

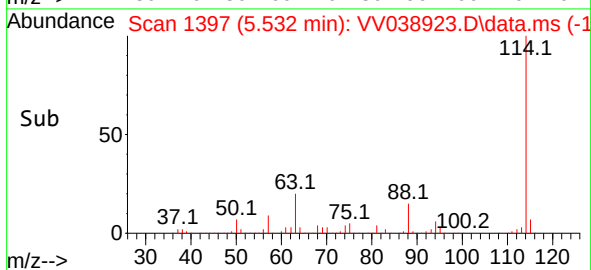
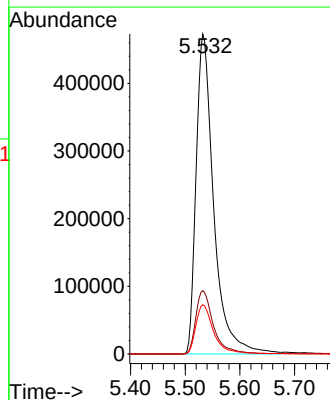
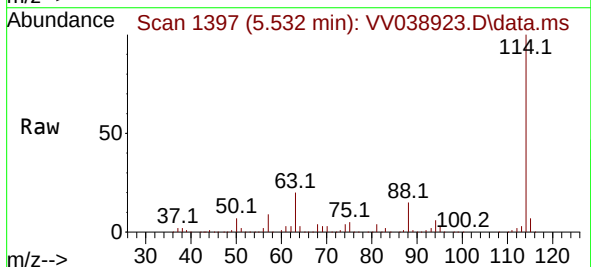
Tgt Ion:114 Resp: 1056668

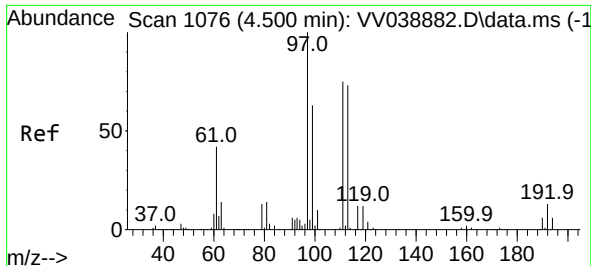
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.2

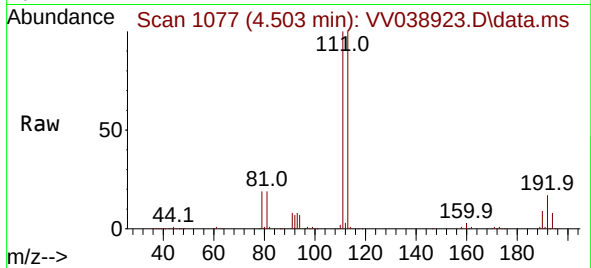
88 15.4 0.0 30.8





#35
Dibromofluoromethane
Concen: 46.913 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

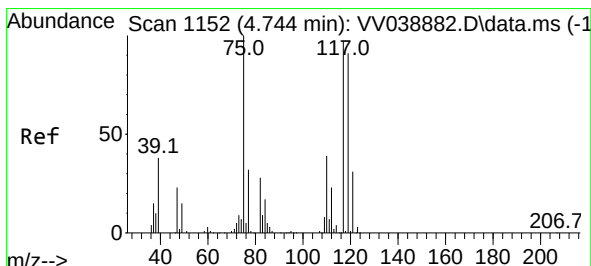
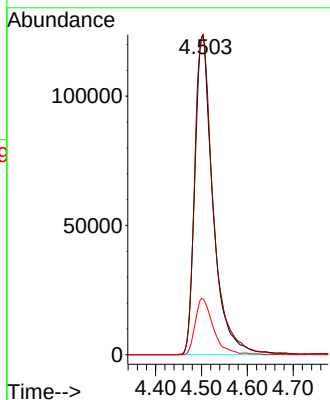
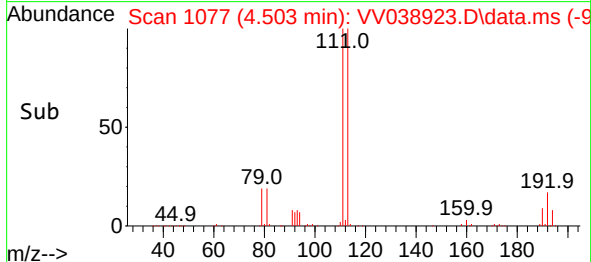
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion:113 Resp: 33798
Ion Ratio Lower Upper
113 100
111 102.9 83.3 124.9
192 17.4 14.2 21.4

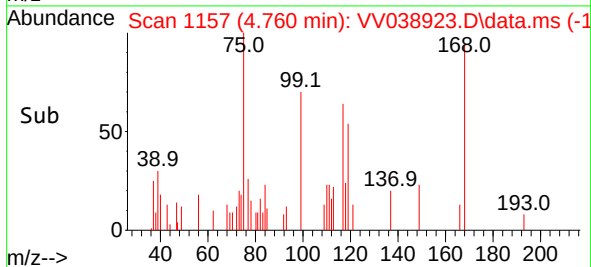
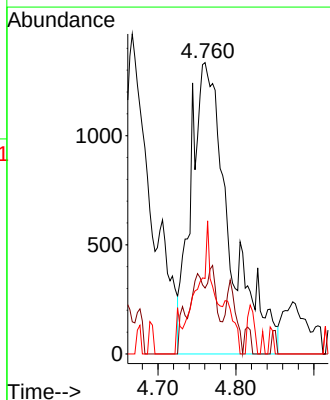
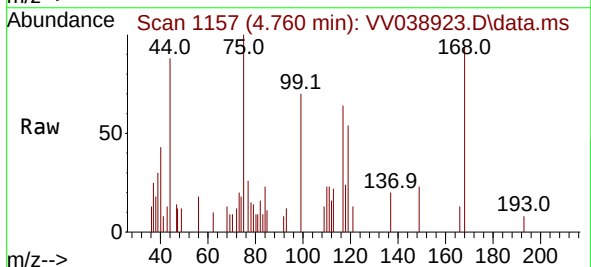
Manual Integrations
APPROVED

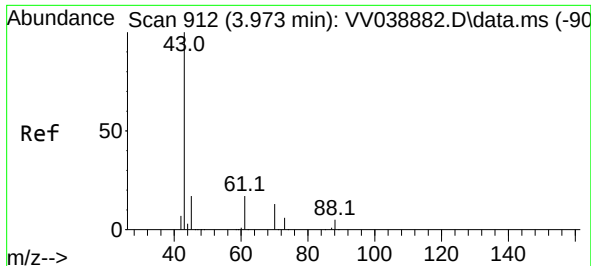
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#36
1,1-Dichloropropene
Concen: 0.550 ug/l m
RT: 4.760 min Scan# 1157
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 75 Resp: 4555
Ion Ratio Lower Upper
75 100
110 8.1 18.8 56.3#
77 14.1 24.2 36.4#





#37

Ethyl Acetate

Concen: 0.444 ug/l

RT: 3.944 min Scan# 90

Delta R.T. -0.029 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

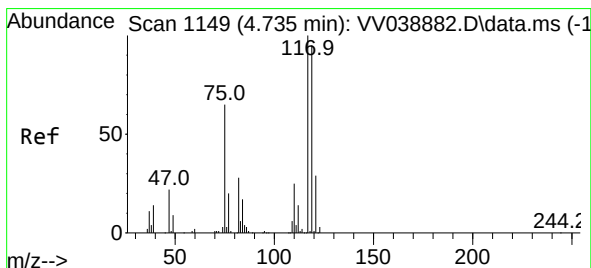
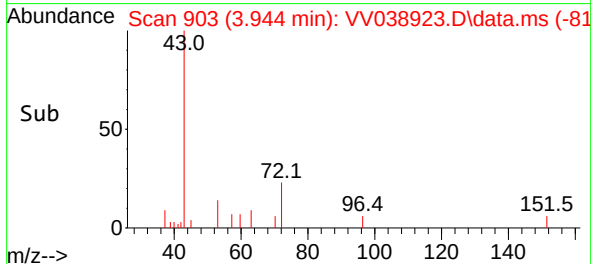
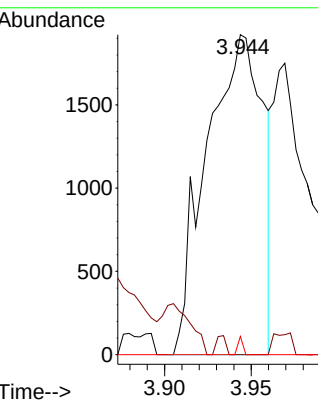
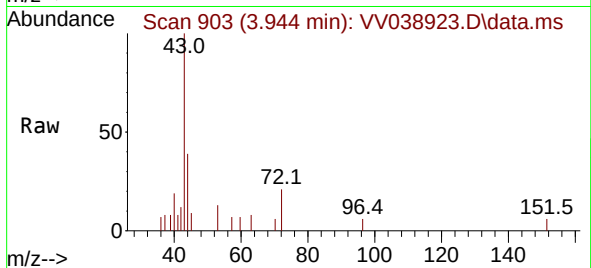
Tgt Ion: 43 Resp: 4328

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7
70	0.5	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#38

Carbon Tetrachloride

Concen: 0.382 ug/l m

RT: 4.741 min Scan# 1151

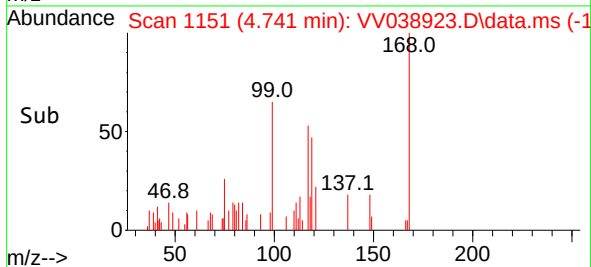
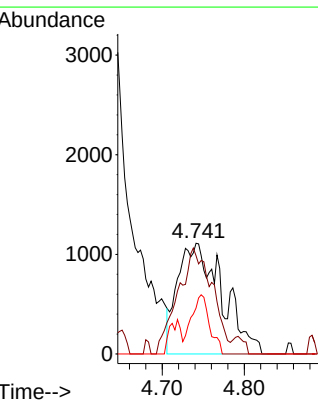
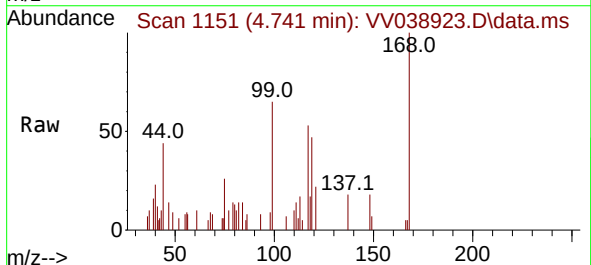
Delta R.T. 0.006 min

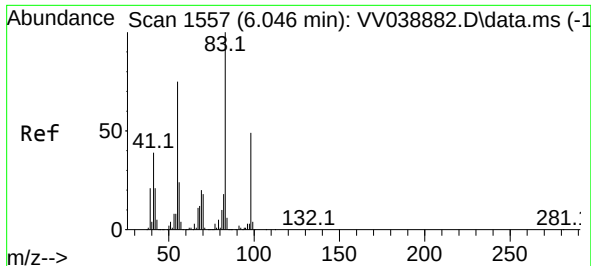
Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Tgt Ion:117 Resp: 4198

Ion	Ratio	Lower	Upper
117	100		
119	88.7	76.0	114.0
121	41.6	23.1	34.7





#39

Methylcyclohexane

Concen: 0.432 ug/l m

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

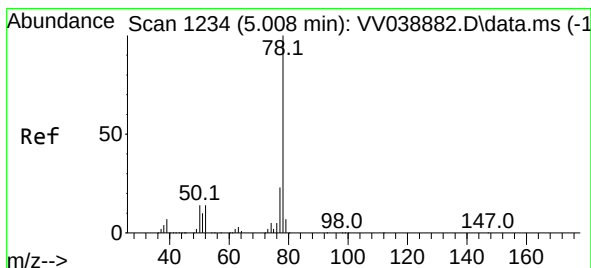
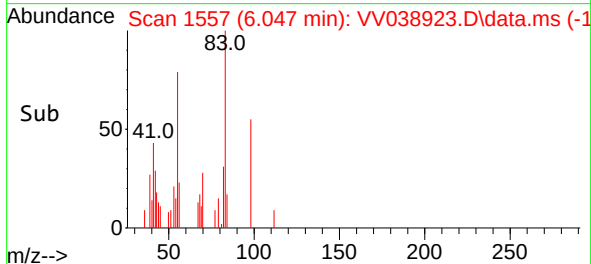
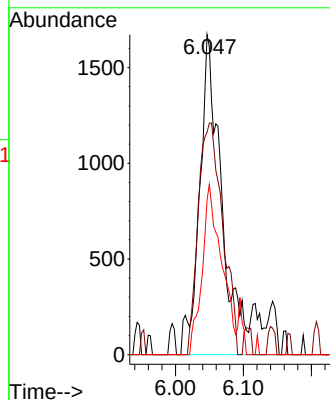
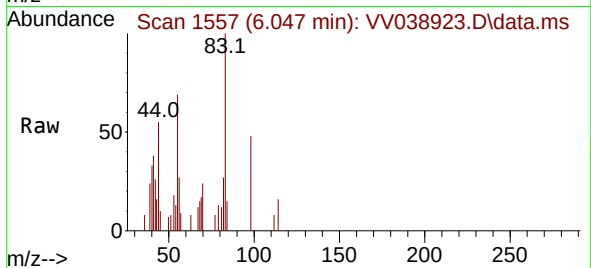
MDL07

Tgt Ion:	83	Resp:	4210
Ion	Ratio	Lower	Upper
83	100		
55	69.5	60.0	90.0
98	48.4	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Benzene

Concen: 0.407 ug/l m

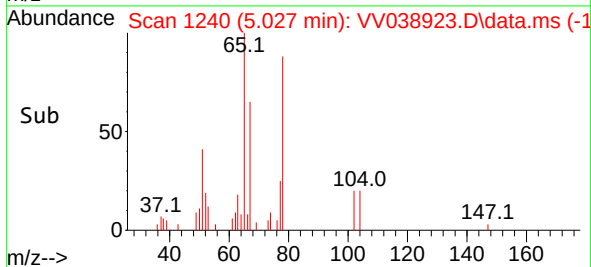
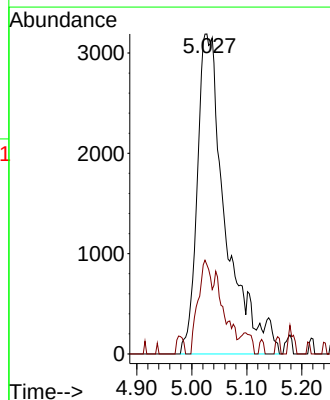
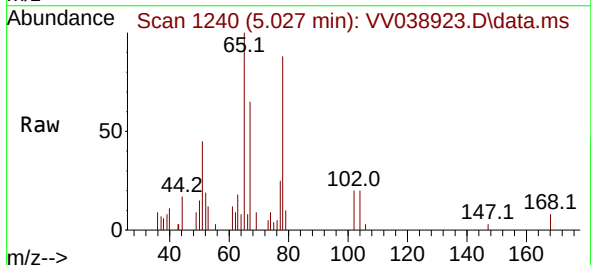
RT: 5.027 min Scan# 1240

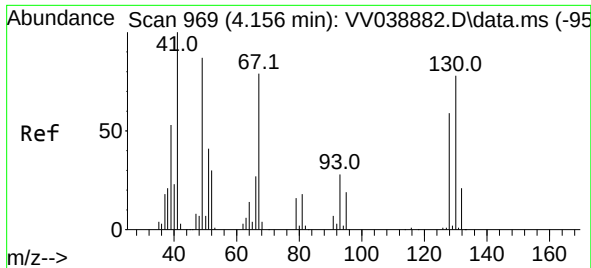
Delta R.T. 0.019 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

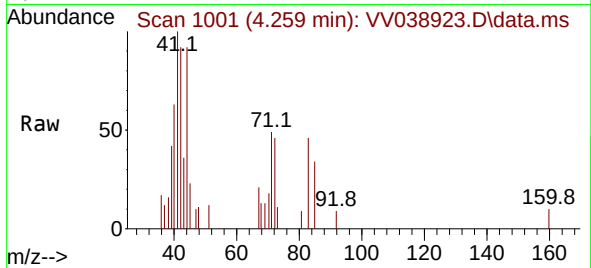
Tgt Ion:	78	Resp:	11412
Ion	Ratio	Lower	Upper
78	100		
77	27.8	18.6	28.0





#41
Methacrylonitrile
Concen: 0.448 ug/l m
RT: 4.259 min Scan# 1
Delta R.T. 0.103 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

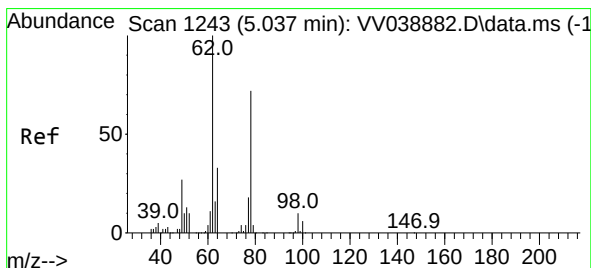
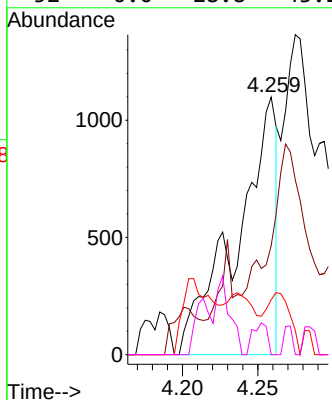
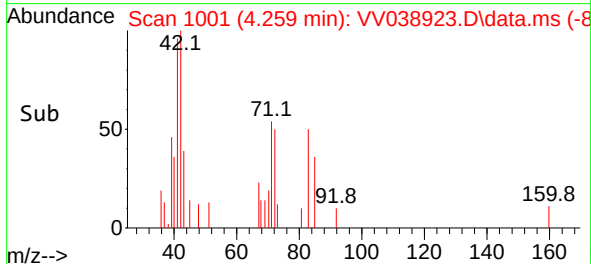
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 41 Resp: 200
Ion Ratio Lower Upper
41 100
39 6.7 42.0 63.0
67 0.0 76.2 114.2
52 0.0 28.8 43.2

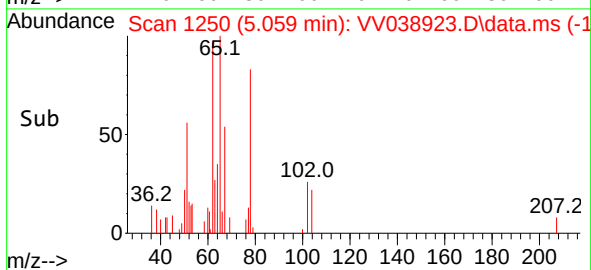
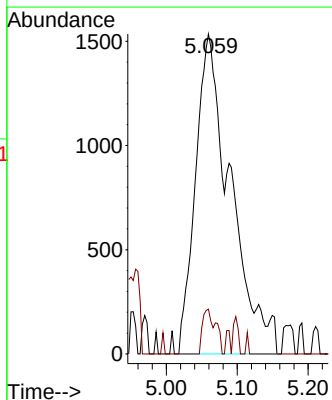
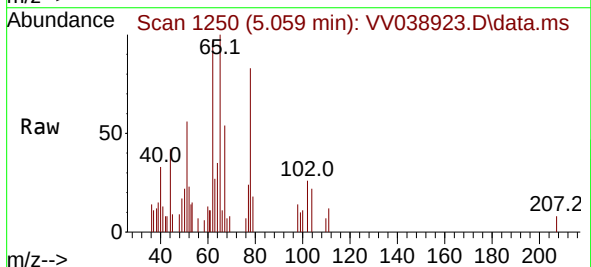
Manual Integrations
APPROVED

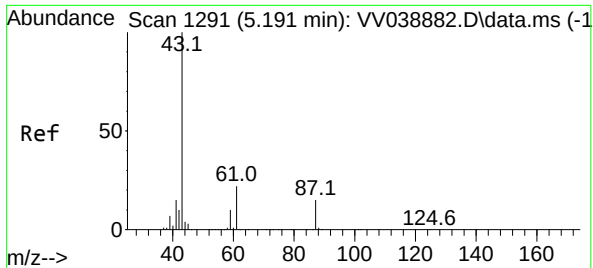
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#42
1,2-Dichloroethane
Concen: 0.493 ug/l m
RT: 5.059 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 62 Resp: 5273
Ion Ratio Lower Upper
62 100
98 5.2 0.0 18.8





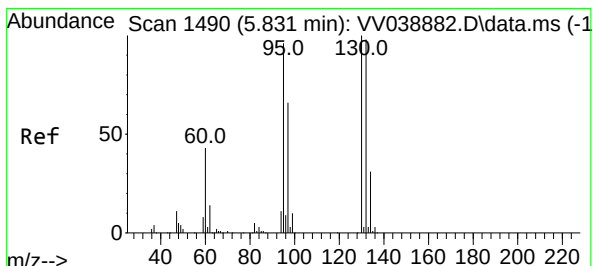
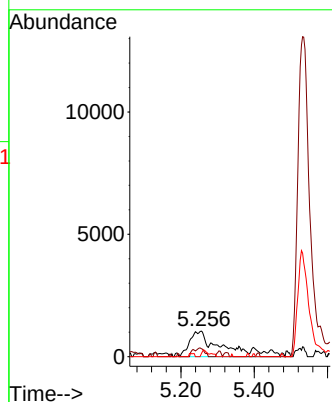
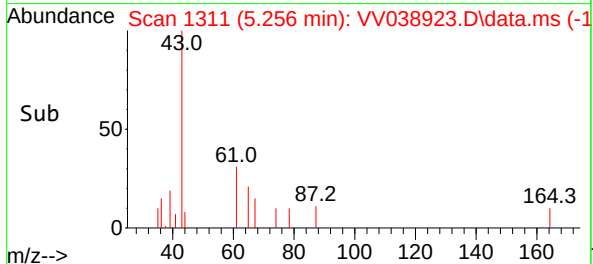
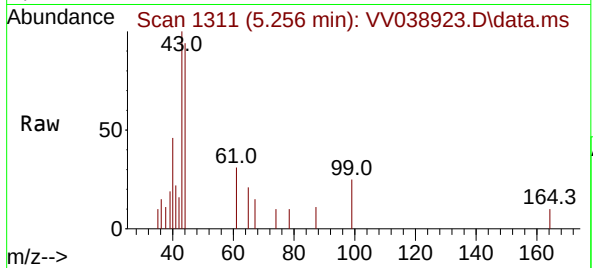
#43
Isopropyl Acetate
Concen: 0.425 ug/l m
RT: 5.256 min Scan# 1311
Delta R.T. 0.064 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 6540
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7
87 0.0 12.2 18.4

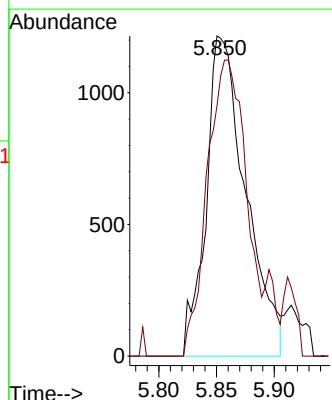
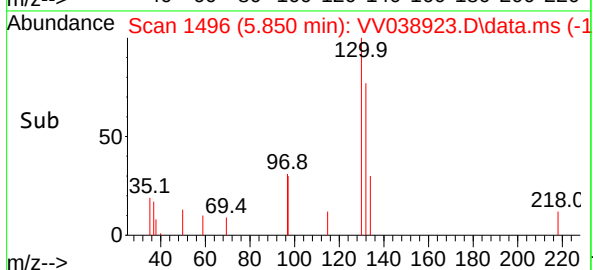
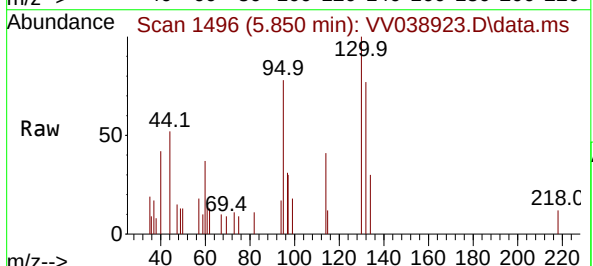
Manual Integrations
APPROVED

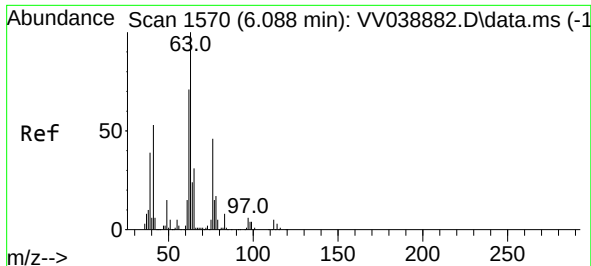
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#44
Trichloroethene
Concen: 0.394 ug/l
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:130 Resp: 2892
Ion Ratio Lower Upper
130 100
95 78.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.351 ug/l m

RT: 6.101 min Scan# 1570

Delta R.T. 0.013 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 63 Resp: 2600

Ion Ratio Lower Upper

63 100

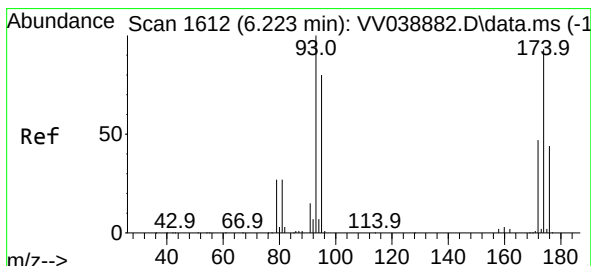
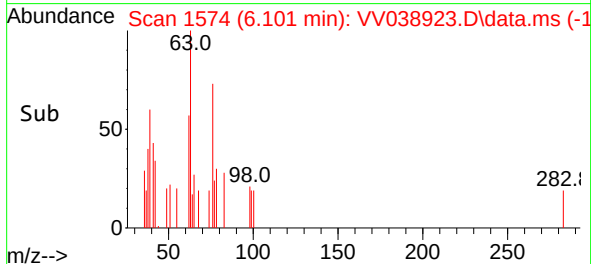
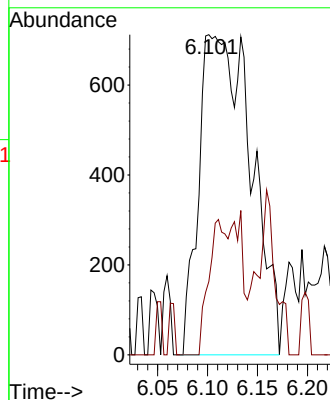
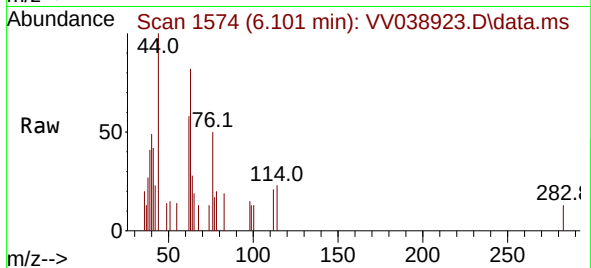
65 22.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#46

Dibromomethane

Concen: 0.354 ug/l m

RT: 6.249 min Scan# 1620

Delta R.T. 0.026 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

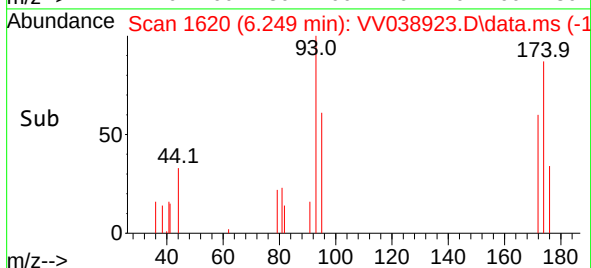
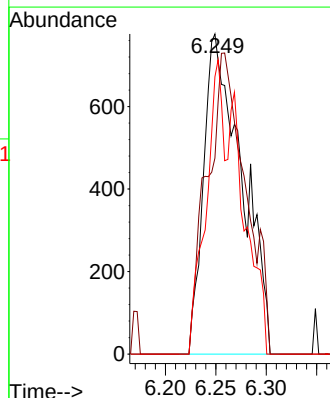
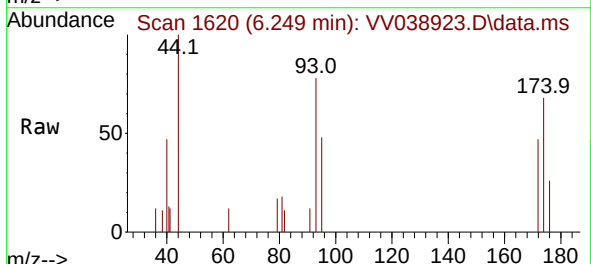
Tgt Ion: 93 Resp: 2032

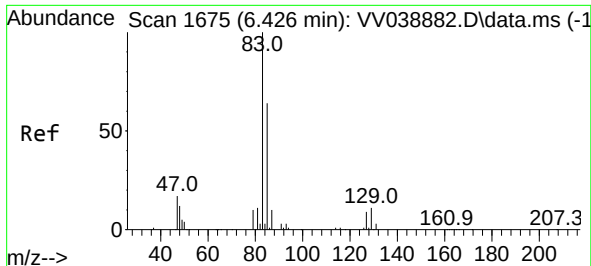
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

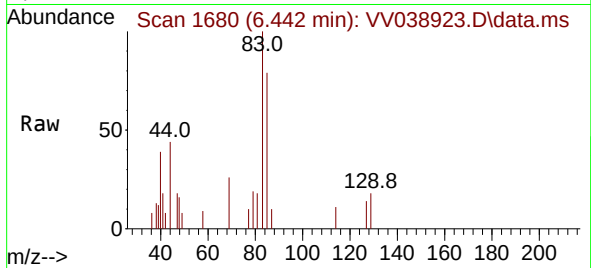
174 43.0 75.3 112.9#





#47
Bromodichloromethane
Concen: 0.294 ug/l
RT: 6.442 min Scan# 1675
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

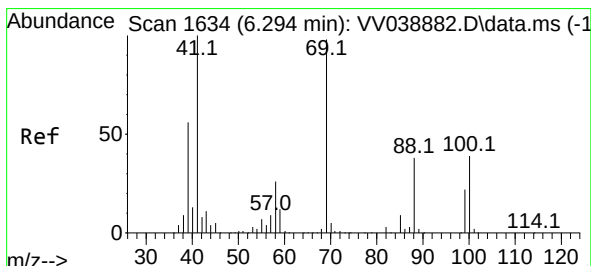
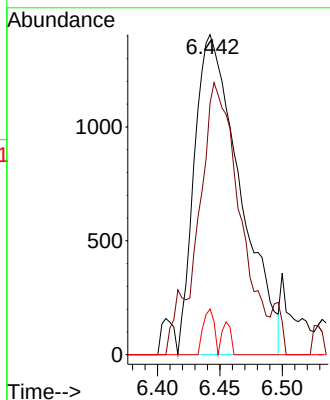
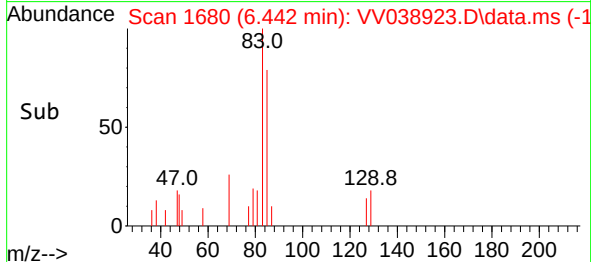
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 83 Resp: 3579
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.0
127 14.3 6.9 10.3

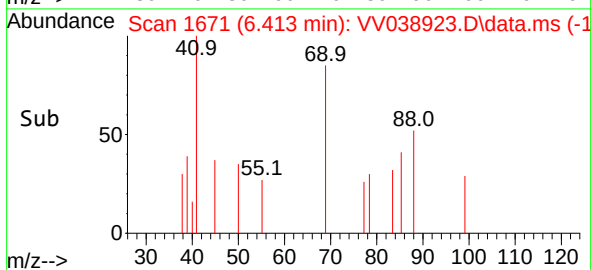
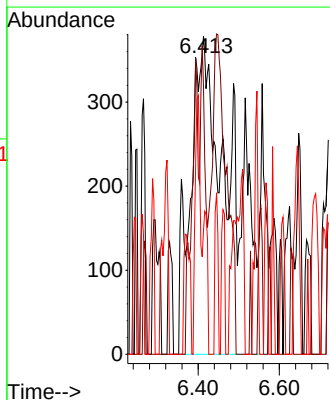
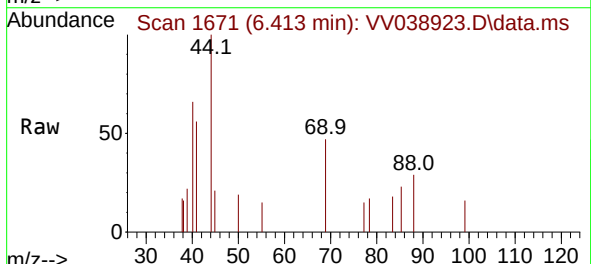
Manual Integrations
APPROVED

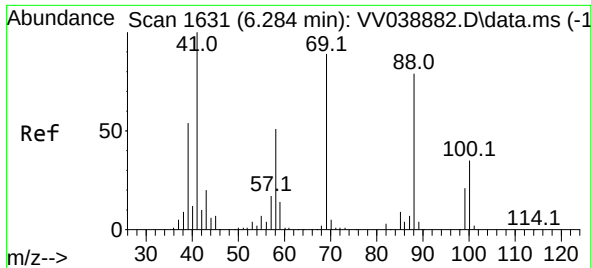
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Methyl methacrylate
Concen: 0.457 ug/l m
RT: 6.413 min Scan# 1671
Delta R.T. 0.119 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

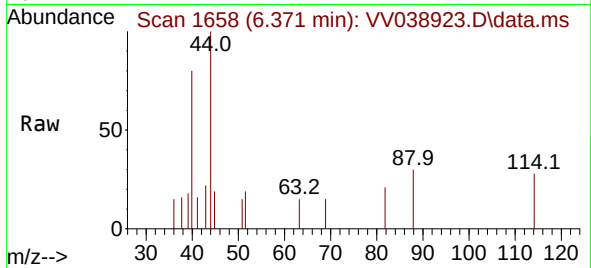
Tgt Ion: 41 Resp: 3055
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 4.1 44.0 66.0#





#49
1,4-Dioxane
Concen: 5.785 ug/l m
RT: 6.371 min Scan# 1658
Delta R.T. 0.087 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

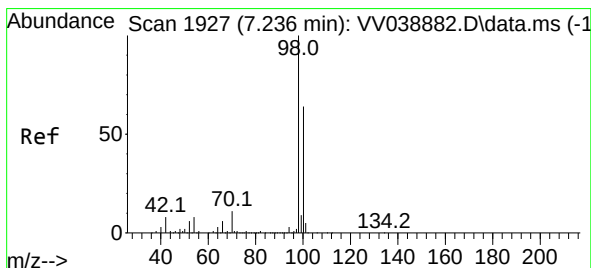
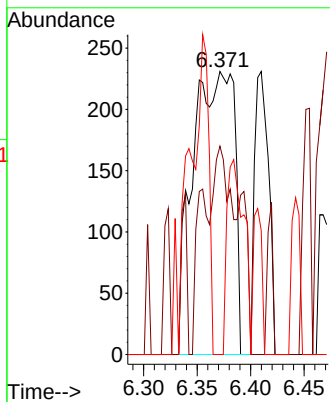
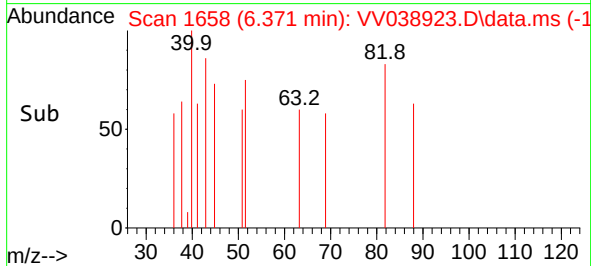
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 88 Resp: 834
Ion Ratio Lower Upper
88 100
43 13.7 23.0 34.4
58 19.7 53.8 80.6

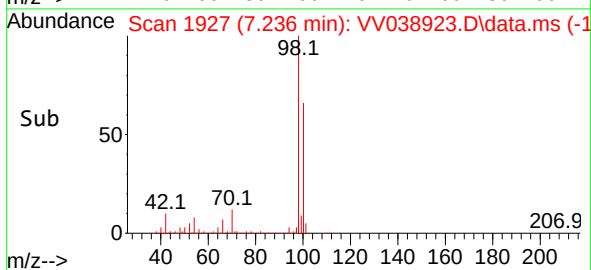
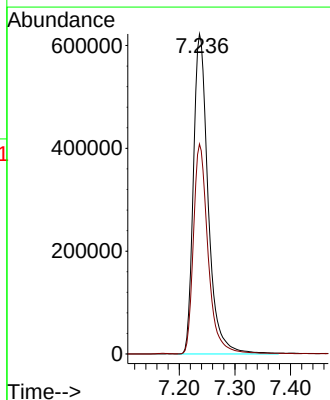
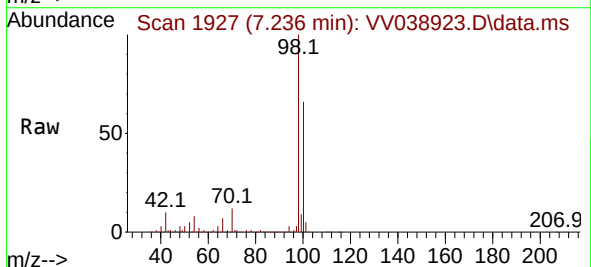
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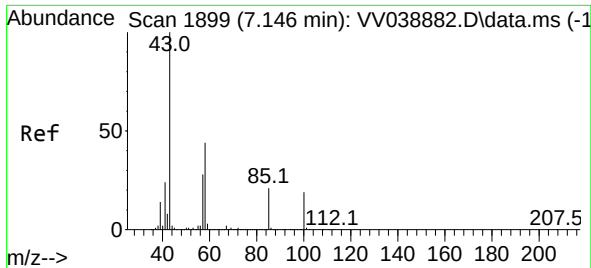
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#50
Toluene-d8
Concen: 52.654 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 98 Resp: 1146641
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3





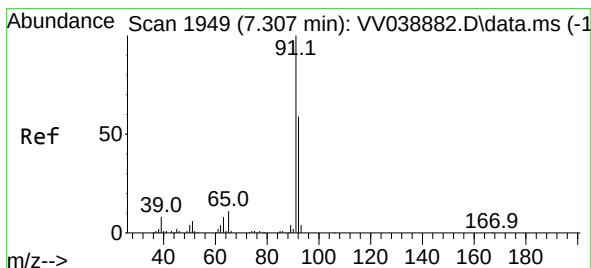
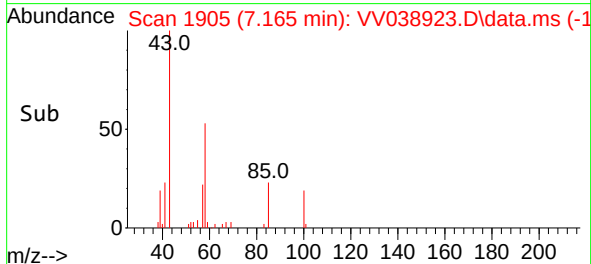
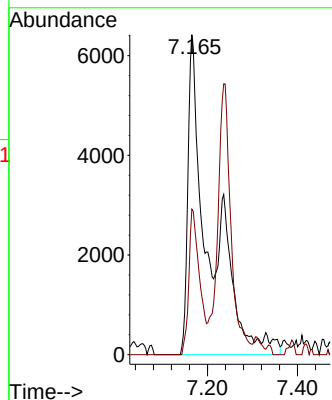
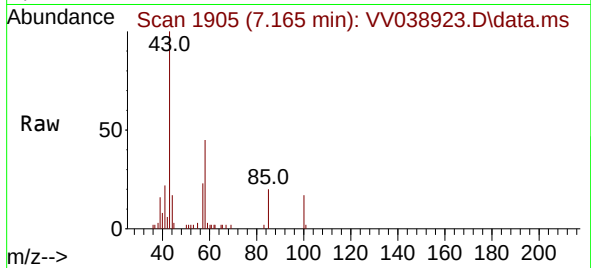
#51
4-Methyl-2-Pentanone
Concen: 2.011 ug/l m
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
58 22.7 34.5 51.7

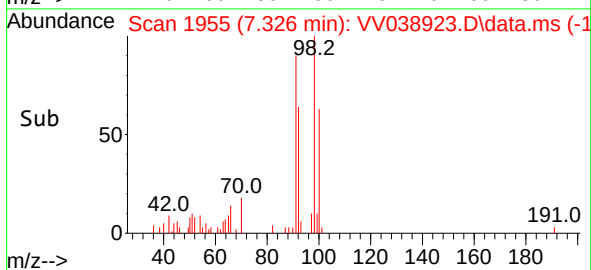
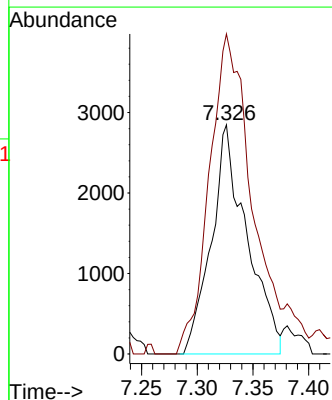
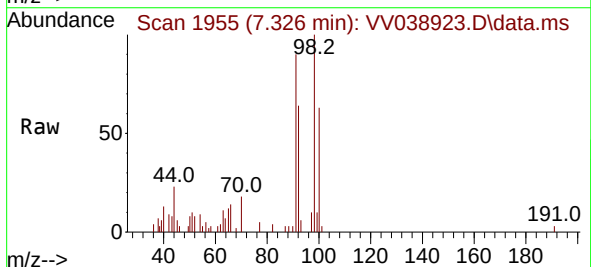
Manual Integrations
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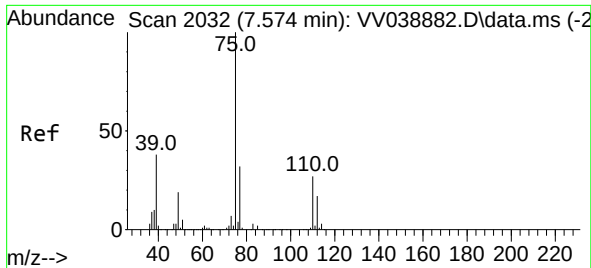
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#52
Toluene
Concen: 0.357 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

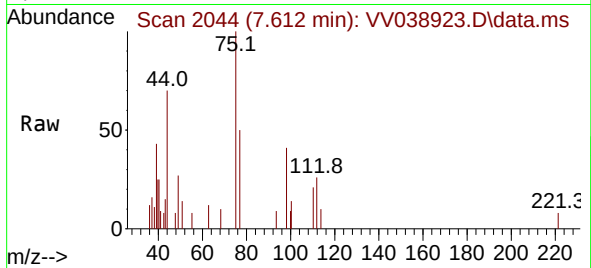
Tgt Ion: 92 Resp: 6321
Ion Ratio Lower Upper
92 100
91 165.3 137.1 205.7





#53
 t-1,3-Dichloropropene
 Concen: 0.327 ug/l m
 RT: 7.612 min Scan# 2032
 Delta R.T. 0.039 min
 Lab File: VV038923.D
 Acq: 18 Jul 2025 15:44

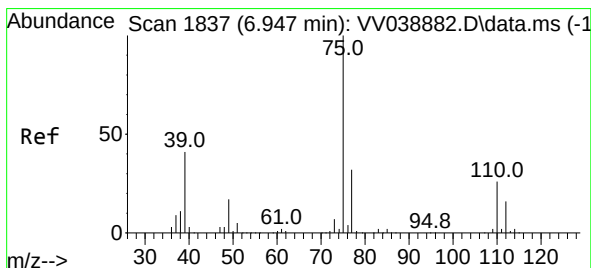
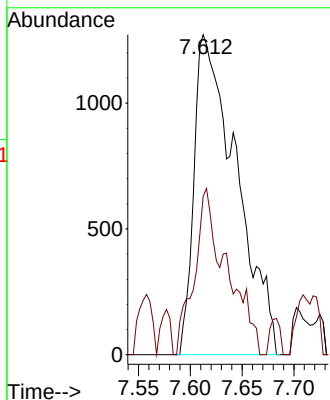
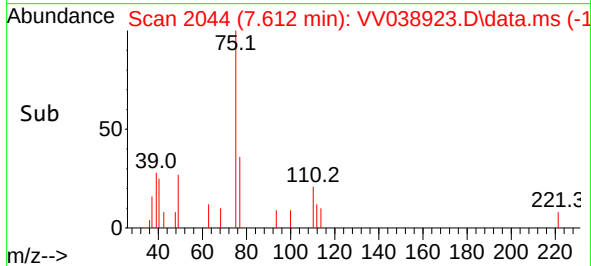
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07



Tgt Ion: 75 Resp: 3600
 Ion Ratio Lower Upper
 75 100
 77 49.5 26.0 39.0#

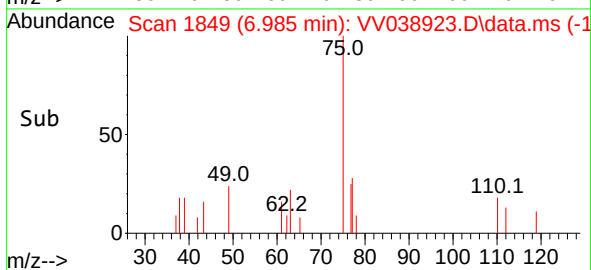
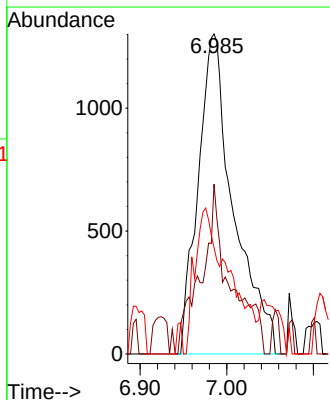
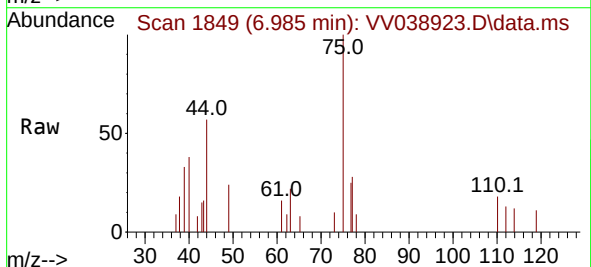
Manual Integrations
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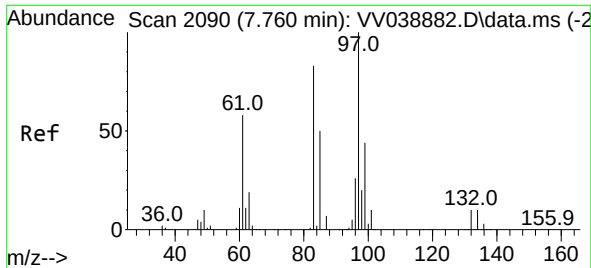
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 0.311 ug/l
 RT: 6.985 min Scan# 1849
 Delta R.T. 0.039 min
 Lab File: VV038923.D
 Acq: 18 Jul 2025 15:44

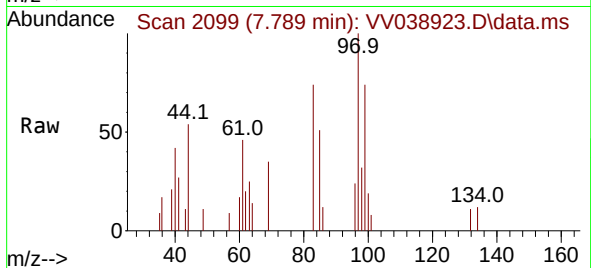
Tgt Ion: 75 Resp: 3705
 Ion Ratio Lower Upper
 75 100
 77 53.1 25.5 38.3#
 39 23.9 33.1 49.7#





#55
1,1,2-Trichloroethane
Concen: 0.397 ug/l m
RT: 7.789 min Scan# 2092
Delta R.T. 0.029 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

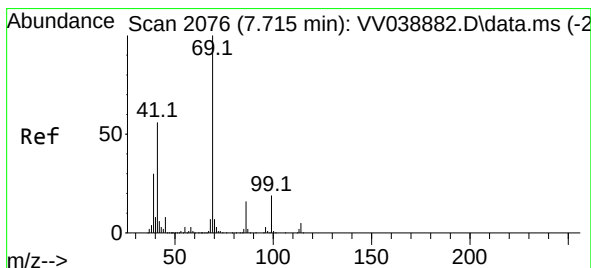
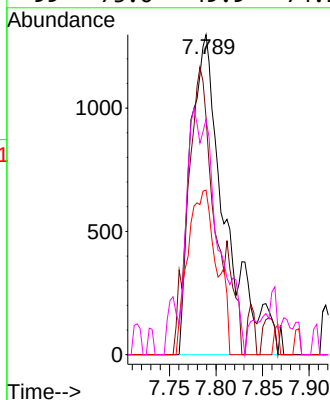
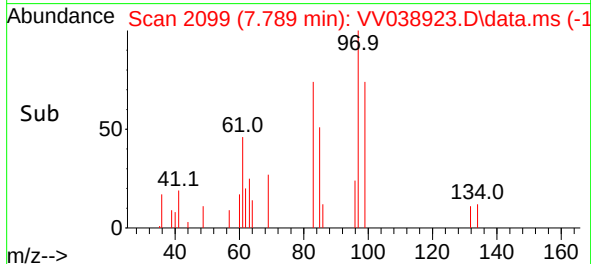
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion:	97	Resp:	335
Ion	Ratio	Lower	Upper
97	100		
83	74.1	66.2	99.4
85	51.5	41.4	62.2
99	73.6	49.9	74.9

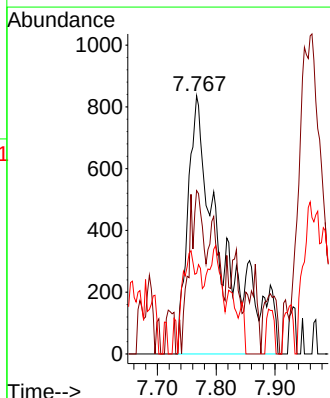
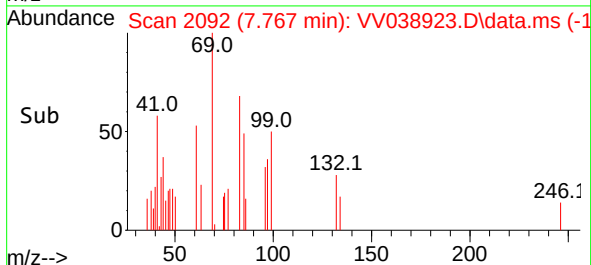
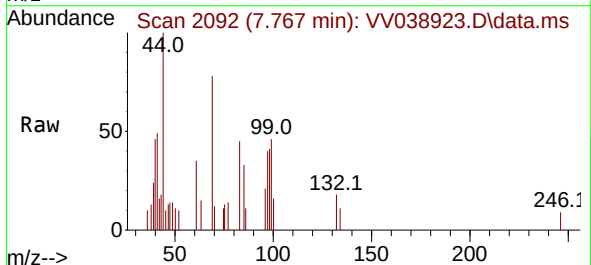
Manual Integrations
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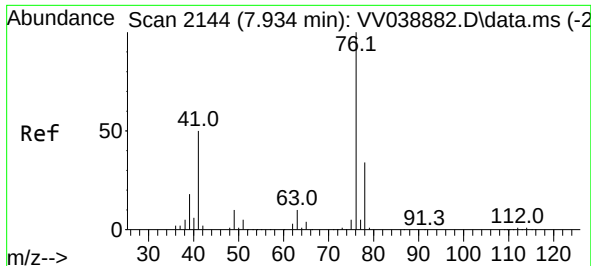
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#56
Ethyl methacrylate
Concen: 0.336 ug/l m
RT: 7.767 min Scan# 2092
Delta R.T. 0.051 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:	69	Resp:	3378
Ion	Ratio	Lower	Upper
69	100		
41	27.6	45.7	68.5#
39	13.5	23.8	35.8#





#57

1,3-Dichloropropane

Concen: 0.399 ug/l m

RT: 7.963 min Scan# 2144

Delta R.T. 0.029 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 76 Resp: 5054

Ion Ratio Lower Upper

76 100

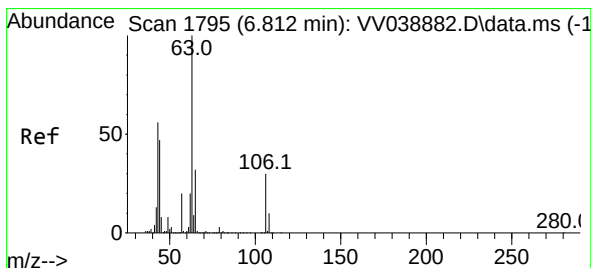
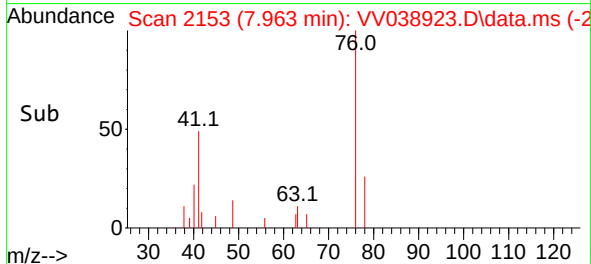
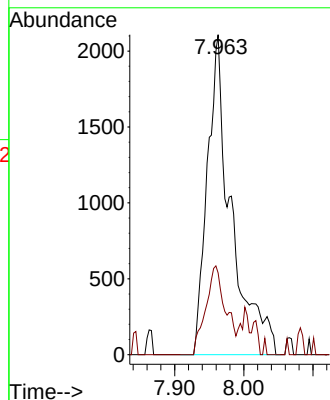
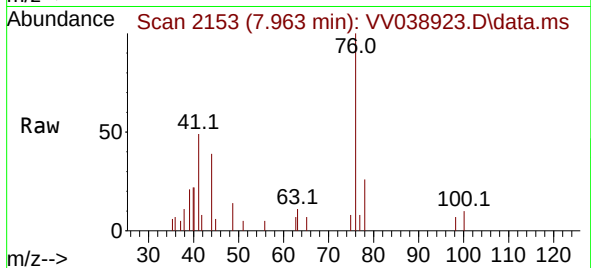
78 23.1 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 1.432 ug/l m

RT: 6.857 min Scan# 1809

Delta R.T. 0.045 min

Lab File: VV038923.D

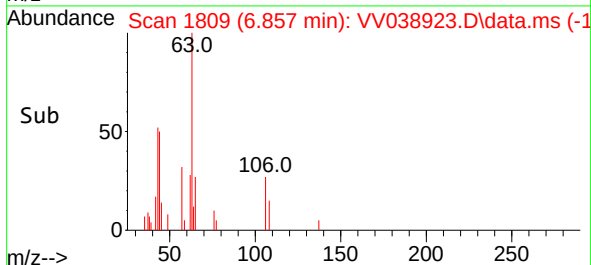
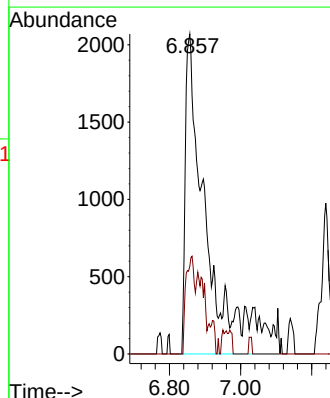
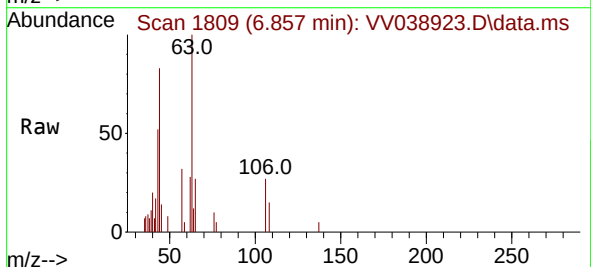
Acq: 18 Jul 2025 15:44

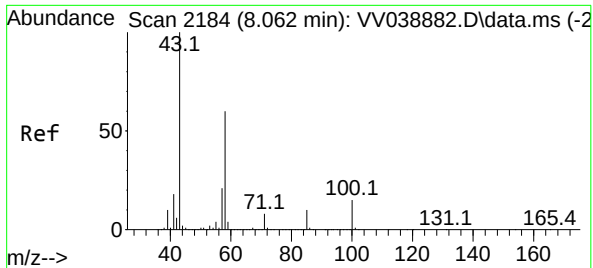
Tgt Ion: 63 Resp: 8678

Ion Ratio Lower Upper

63 100

106 12.2 24.1 36.1





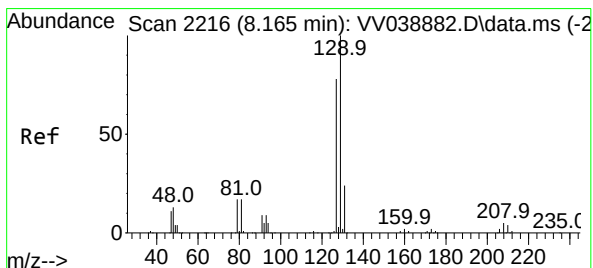
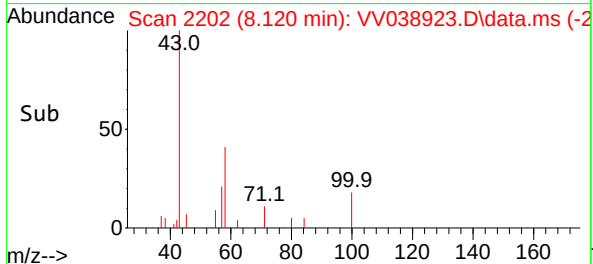
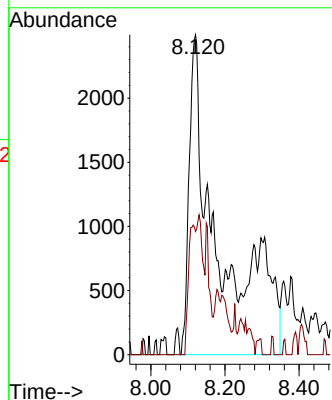
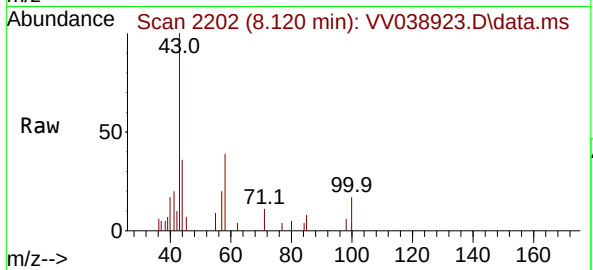
#59
2-Hexanone
Concen: 1.752 ug/l m
RT: 8.120 min Scan# 2184
Delta R.T. 0.058 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 13689
Ion Ratio Lower Upper
43 100
58 9.9 29.6 88.8

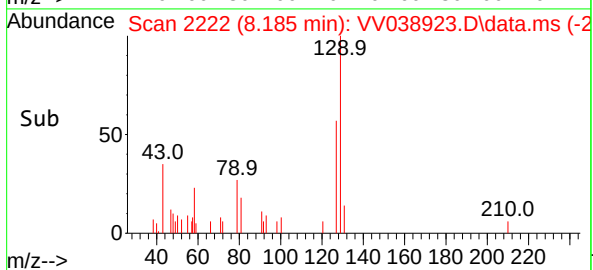
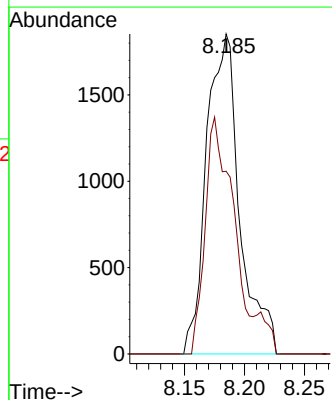
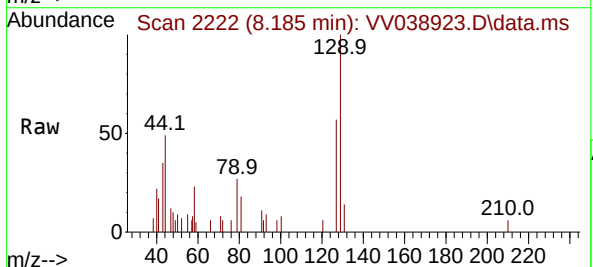
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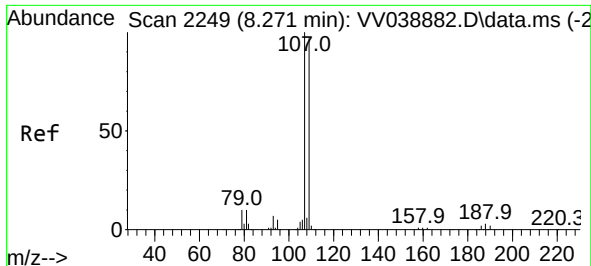
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#60
Dibromochloromethane
Concen: 0.358 ug/l
RT: 8.185 min Scan# 2222
Delta R.T. 0.019 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:129 Resp: 3560
Ion Ratio Lower Upper
129 100
127 62.4 39.4 118.2





#61

1,2-Dibromoethane

Concen: 0.325 ug/l m

RT: 8.300 min Scan# 21

Delta R.T. 0.029 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:107 Resp: 2769

Ion Ratio Lower Upper

107 100

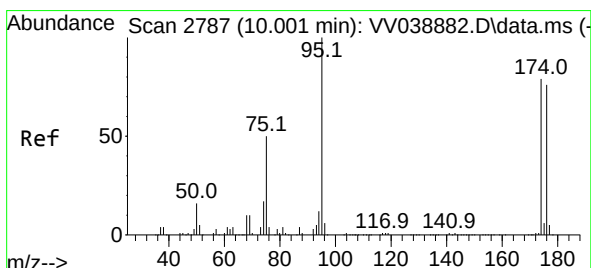
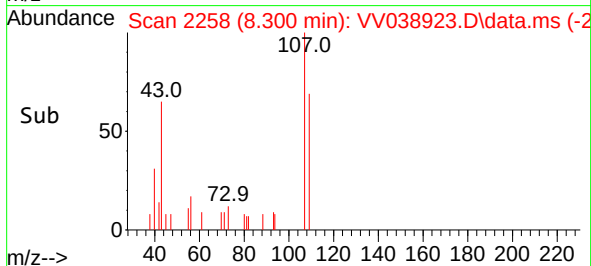
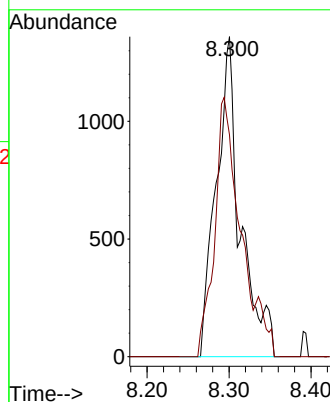
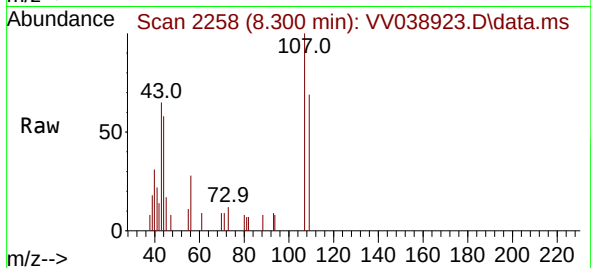
109 80.0 77.1 115.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#62

4-Bromofluorobenzene

Concen: 49.606 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

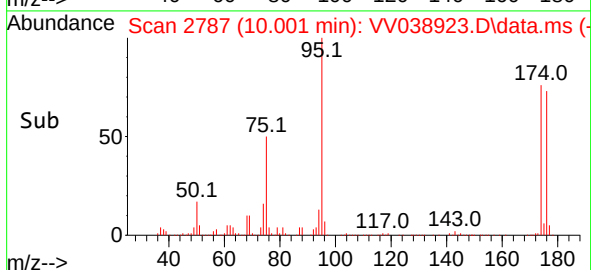
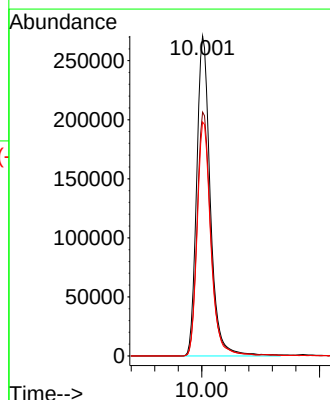
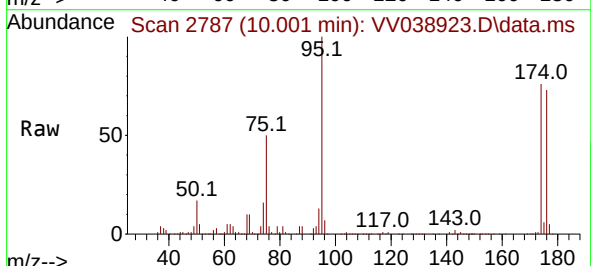
Tgt Ion: 95 Resp: 435164

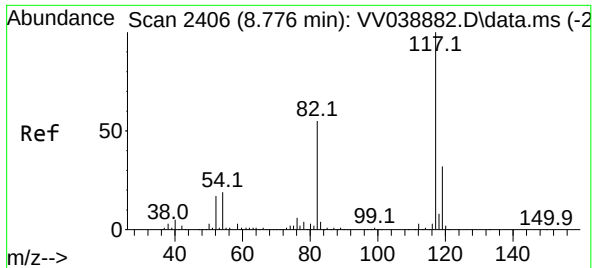
Ion Ratio Lower Upper

95 100

174 76.6 0.0 160.0

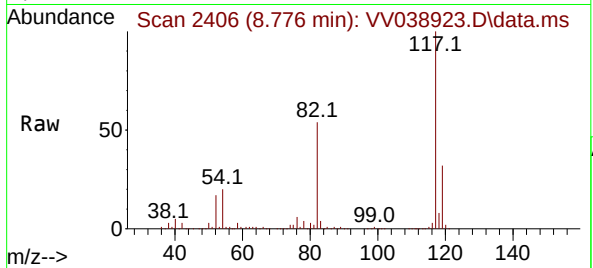
176 73.0 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

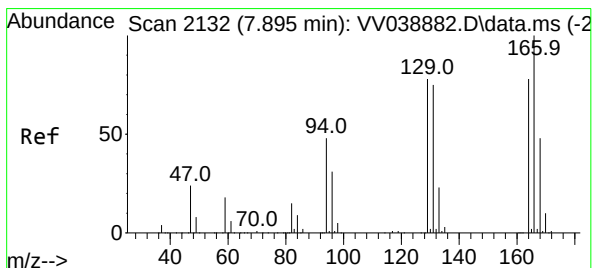
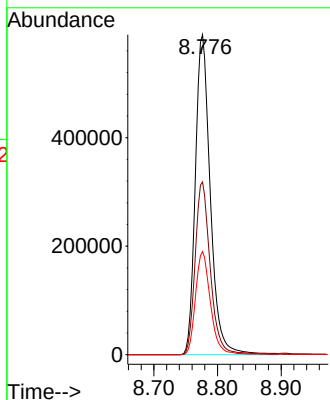
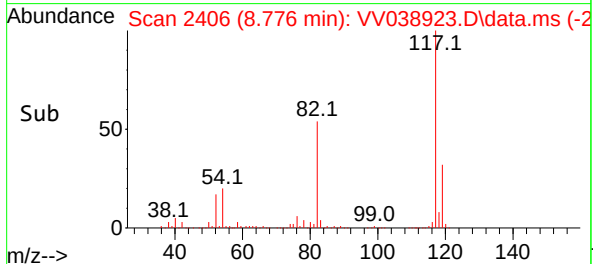
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion:117 Resp: 96769
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.2 25.4 38.0

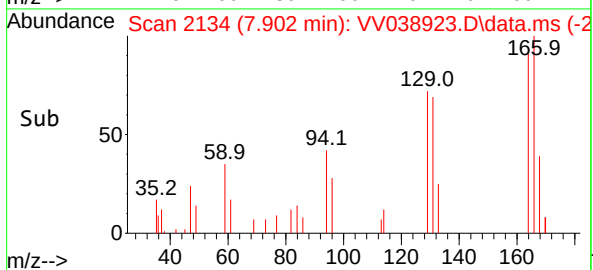
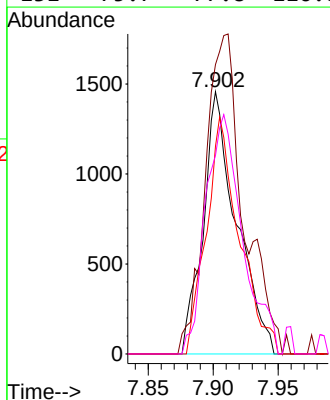
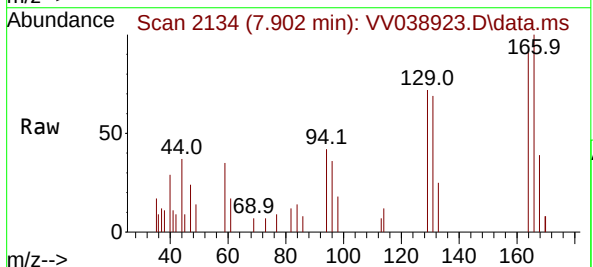
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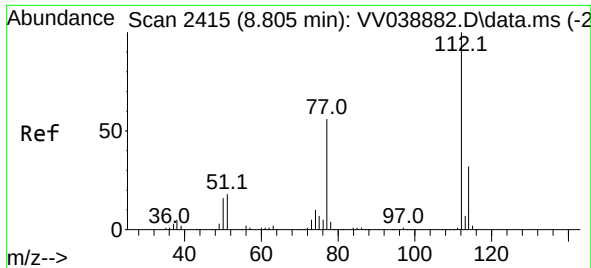
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#64
Tetrachloroethene
Concen: 0.409 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:164 Resp: 2598
Ion Ratio Lower Upper
164 100
166 110.4 103.2 154.8
129 79.2 81.0 121.4#
131 75.7 77.8 116.8#





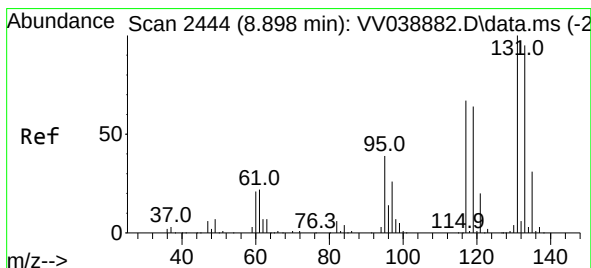
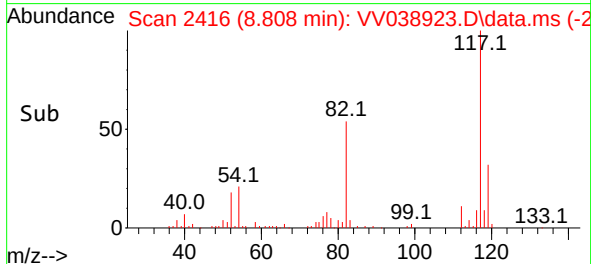
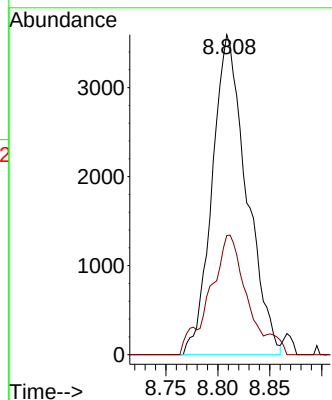
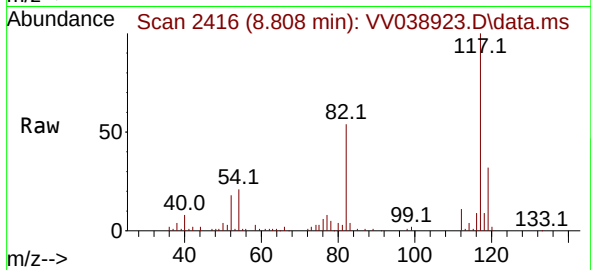
#65
Chlorobenzene
Concen: 0.391 ug/l
RT: 8.808 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:112 Resp: 826
Ion Ratio Lower Upper
112 100
114 37.2 25.3 37.9

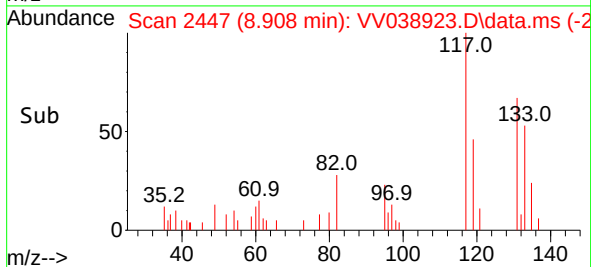
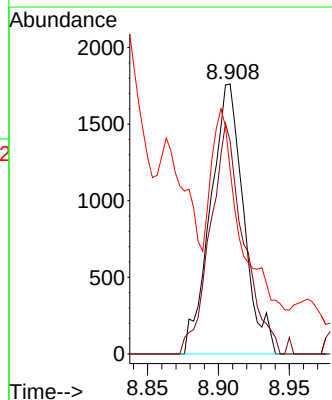
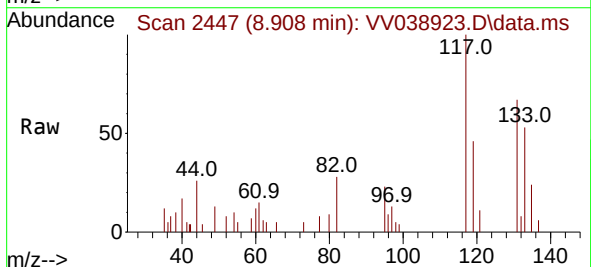
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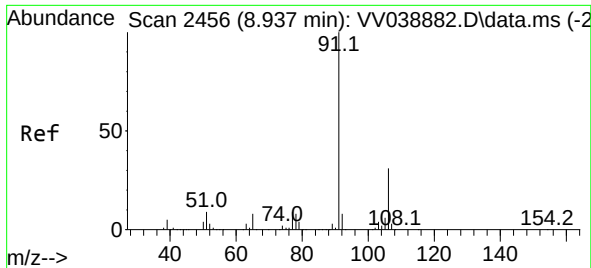
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.339 ug/l
RT: 8.908 min Scan# 2447
Delta R.T. 0.010 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:131 Resp: 2859
Ion Ratio Lower Upper
131 100
133 86.4 47.6 142.9
119 0.0 32.0 96.2#





#67

Ethyl Benzene

Concen: 0.327 ug/l

RT: 8.953 min Scan# 2456

Delta R.T. 0.016 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 91 Resp: 1026

Ion Ratio Lower Upper

91 100

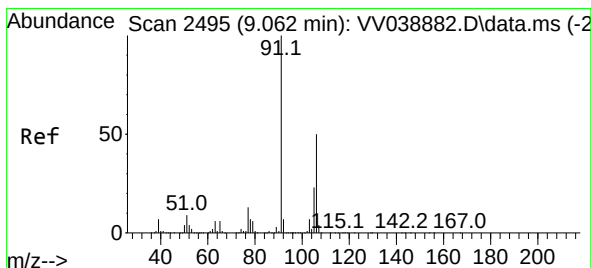
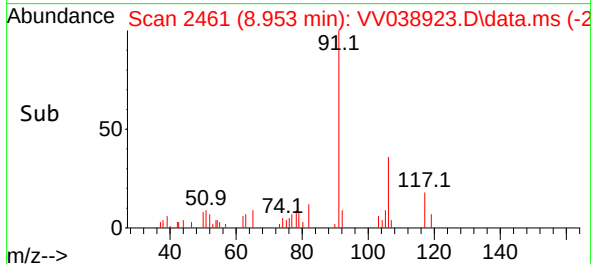
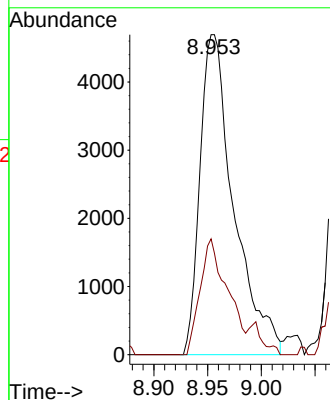
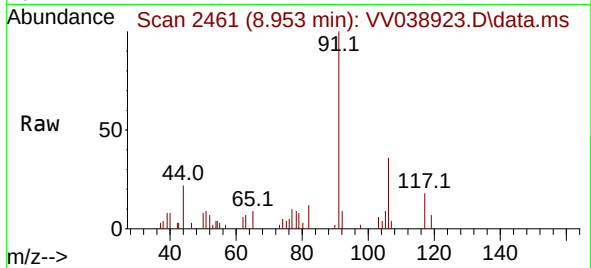
106 36.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#68

m/p-Xylenes

Concen: 0.560 ug/l

RT: 9.082 min Scan# 2501

Delta R.T. 0.019 min

Lab File: VV038923.D

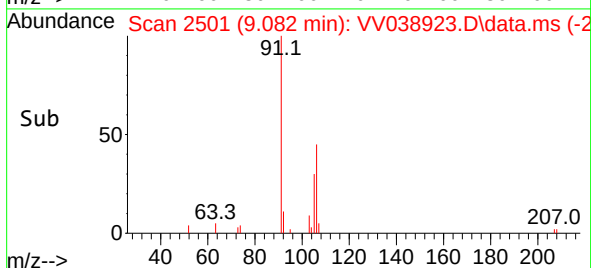
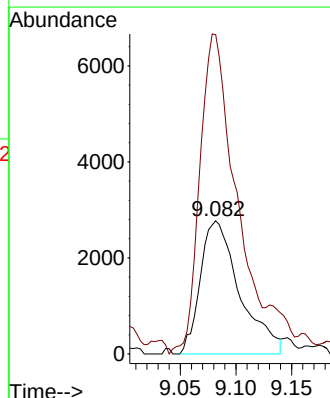
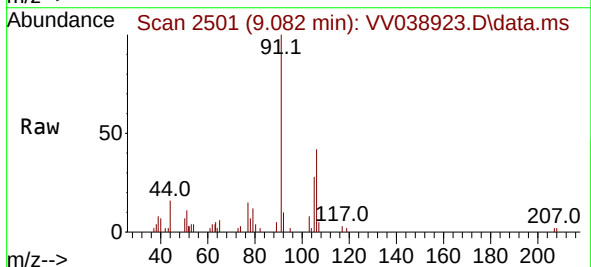
Acq: 18 Jul 2025 15:44

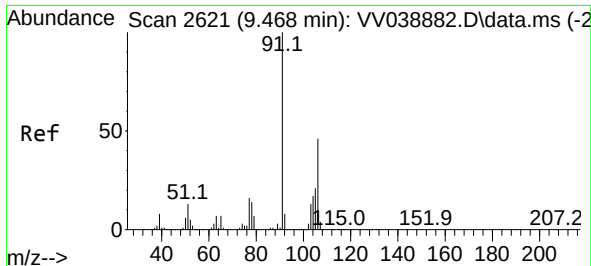
Tgt Ion:106 Resp: 6849

Ion Ratio Lower Upper

106 100

91 216.4 161.0 241.6





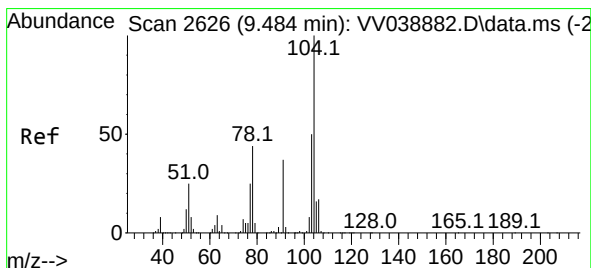
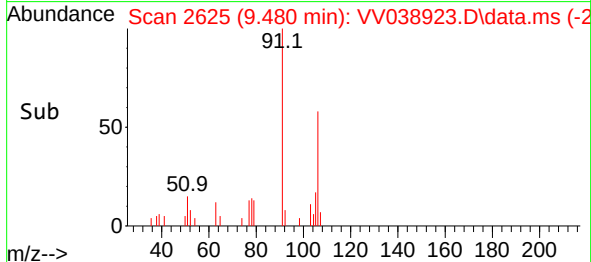
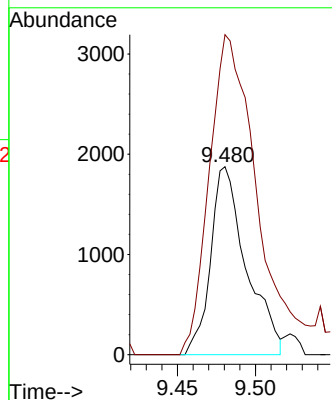
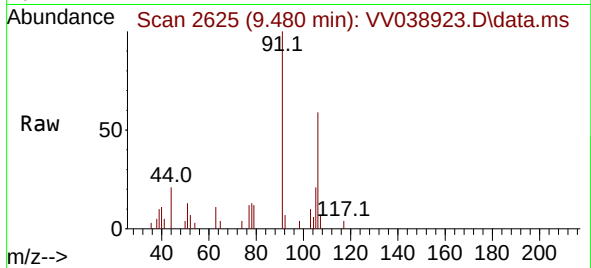
#69
o-Xylene
Concen: 0.259 ug/l
RT: 9.480 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 2988
Ion Ratio Lower Upper
106 100
91 226.8 108.9 326.6

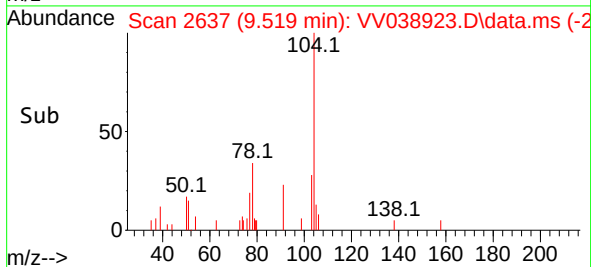
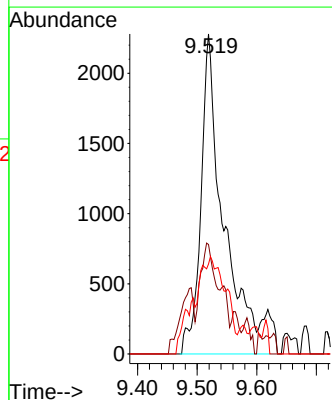
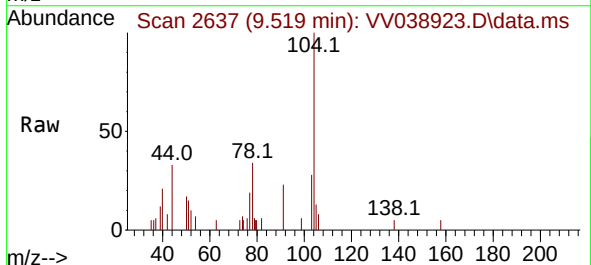
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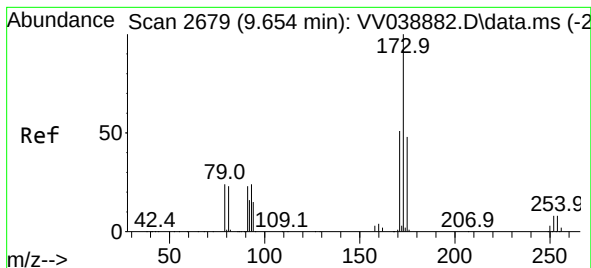
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#70
Styrene
Concen: 0.307 ug/l m
RT: 9.519 min Scan# 2637
Delta R.T. 0.035 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:104 Resp: 6253
Ion Ratio Lower Upper
104 100
78 14.1 39.9 59.9#
103 33.5 43.4 65.2#





#71

Bromoform

Concen: 0.334 ug/l

RT: 9.664 min Scan# 20

Delta R.T. 0.010 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

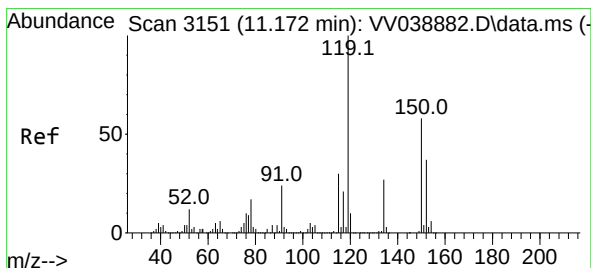
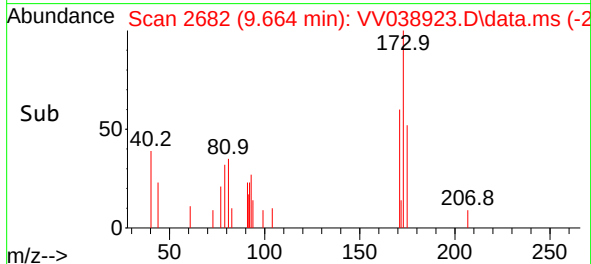
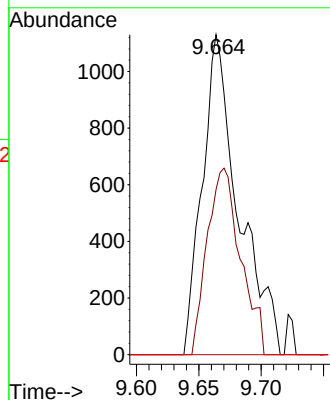
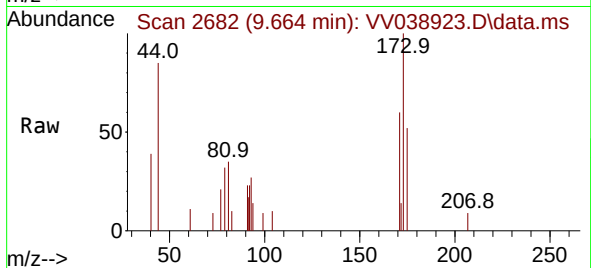
MDL07

Tgt Ion:173	Resp:	228
Ion Ratio	Lower	Upper
173	100	
175	53.6	23.5 70.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

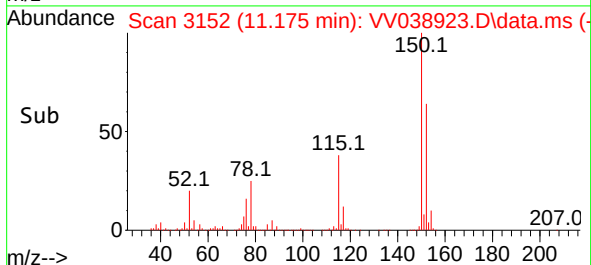
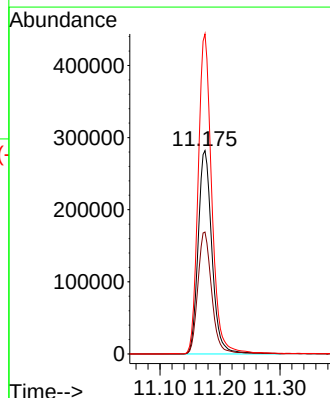
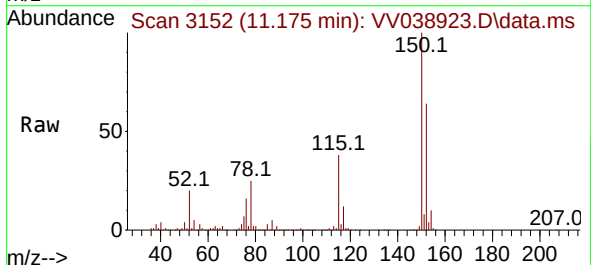
RT: 11.175 min Scan# 3152

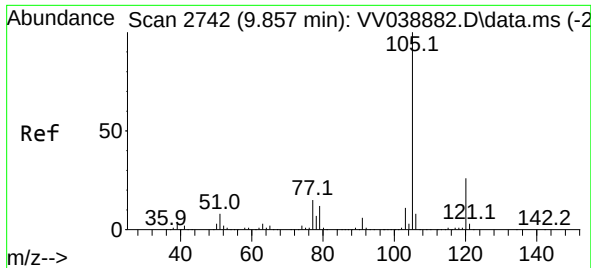
Delta R.T. 0.003 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Tgt Ion:152	Resp:	453141
Ion Ratio	Lower	Upper
152	100	
115	60.2	41.8 125.4
150	154.0	0.0 342.4





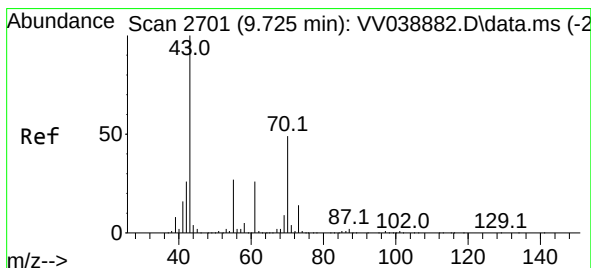
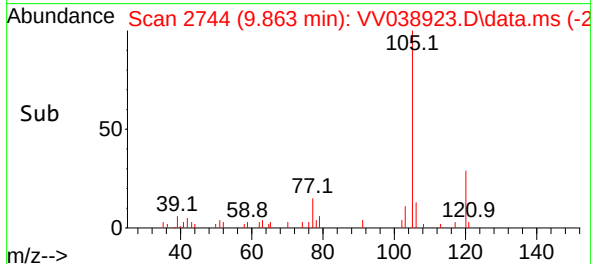
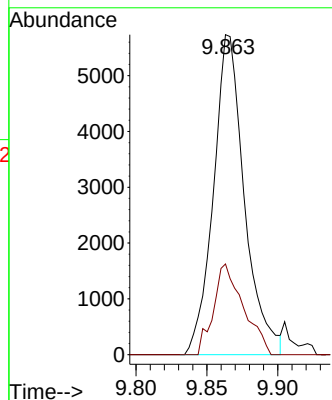
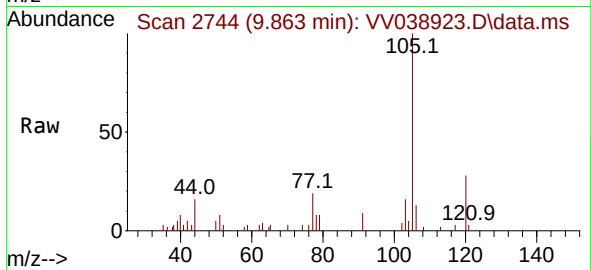
#73
Isopropylbenzene
Concen: 0.322 ug/l
RT: 9.863 min Scan# 2742
Delta R.T. 0.006 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:105 Resp: 8724
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.7

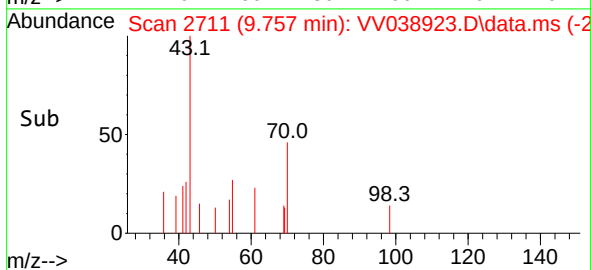
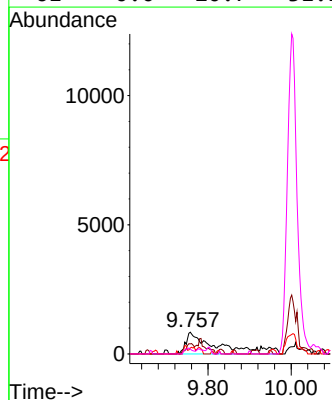
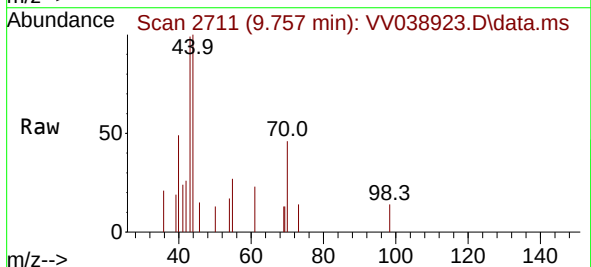
Manual Integrations
APPROVED

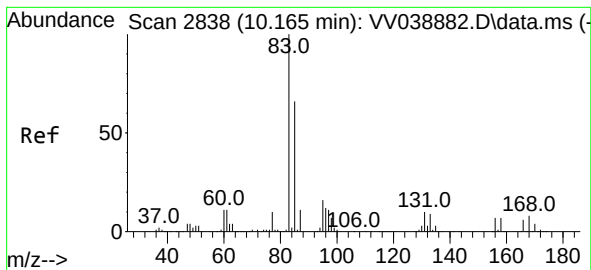
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#74
N-ethyl acetate
Concen: 0.452 ug/l m
RT: 9.757 min Scan# 2711
Delta R.T. 0.032 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 43 Resp: 4486
Ion Ratio Lower Upper
43 100
70 0.0 38.6 58.0#
55 0.0 21.8 32.8#
61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.426 ug/l

RT: 10.172 min Scan# 2838

Delta R.T. 0.006 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

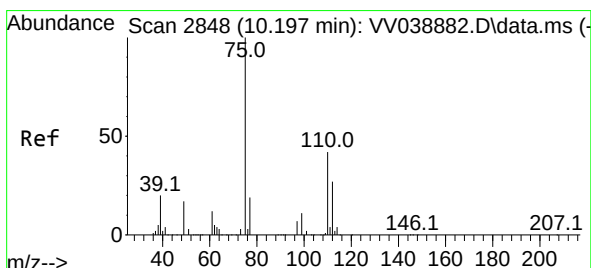
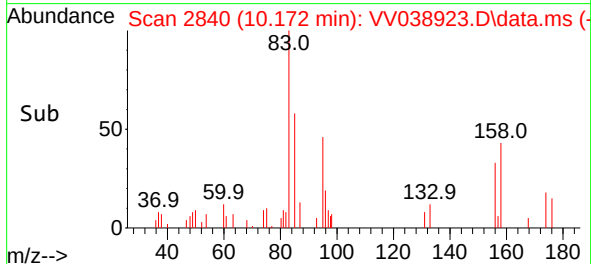
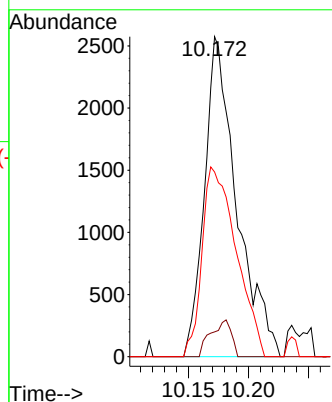
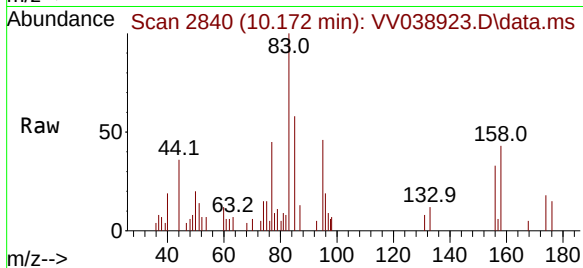
MDL07

Tgt Ion: 83 Resp: 4828
 Ion Ratio Lower Upper
 83 100
 131 7.3 5.1 15.4
 85 62.7 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#76

1,2,3-Trichloropropane

Concen: 0.410 ug/l m

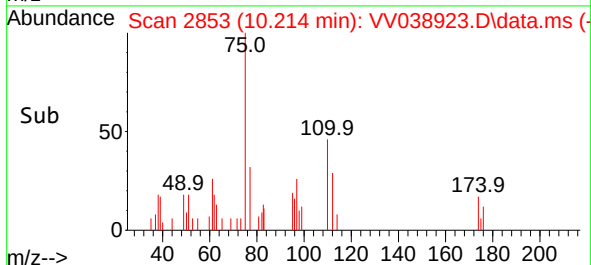
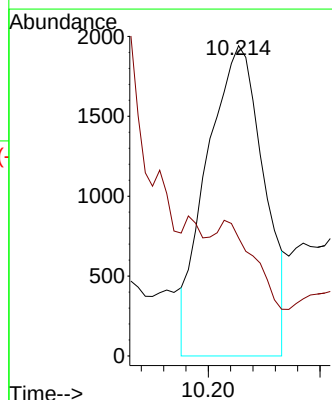
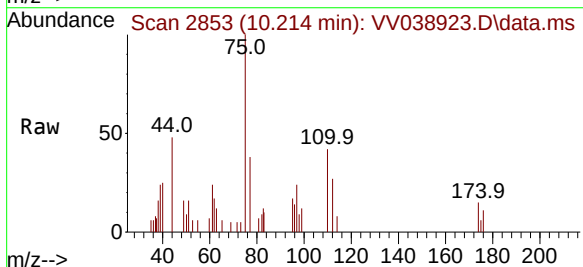
RT: 10.214 min Scan# 2853

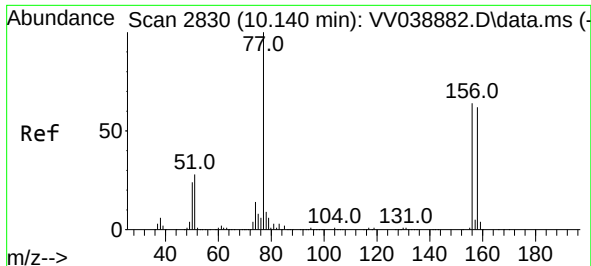
Delta R.T. 0.016 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Tgt Ion: 75 Resp: 3451
 Ion Ratio Lower Upper
 75 100
 77 88.4 17.4 52.3#





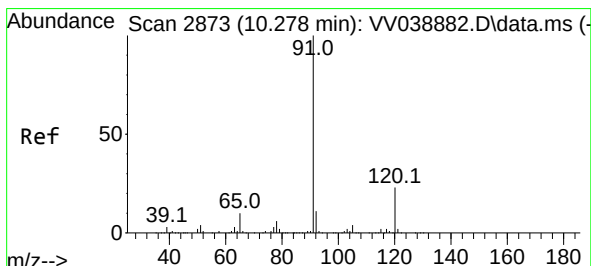
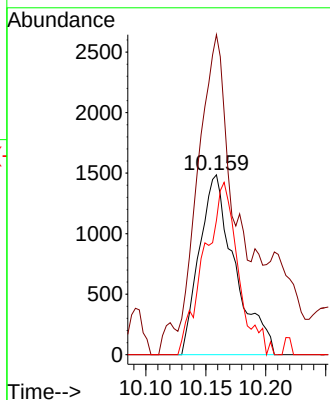
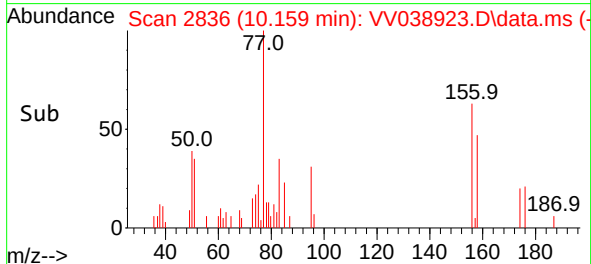
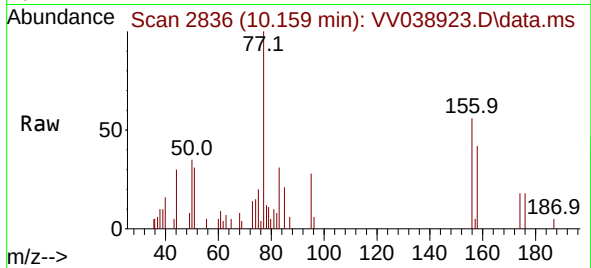
#77
Bromobenzene
Concen: 0.431 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:156 Resp: 306
Ion Ratio Lower Upper
156 100
77 149.7 77.2 231.6
158 91.3 48.4 145.3

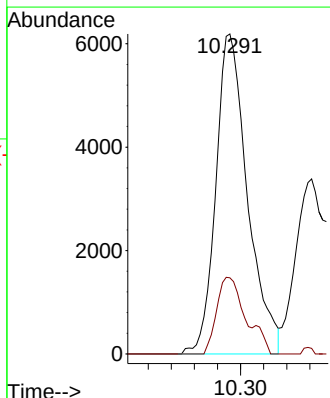
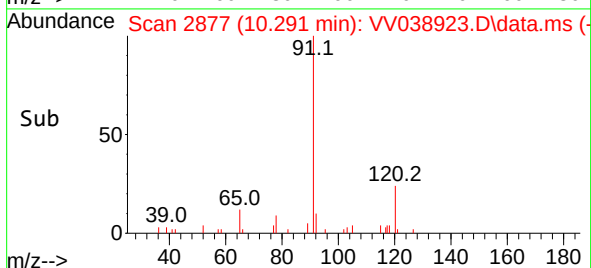
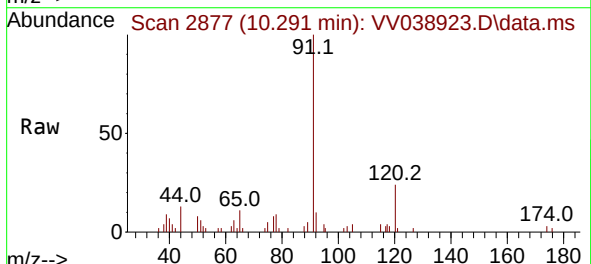
Manual Integrations
APPROVED

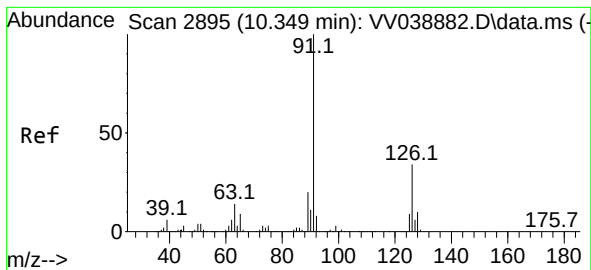
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#78
n-propylbenzene
Concen: 0.373 ug/l
RT: 10.291 min Scan# 2877
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 91 Resp: 11794
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.8





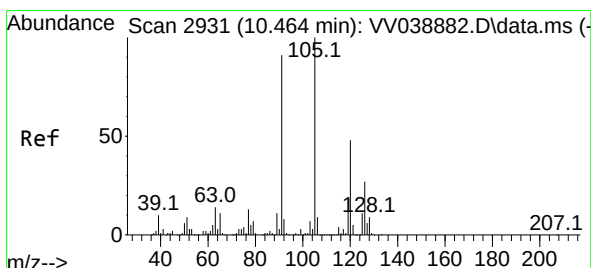
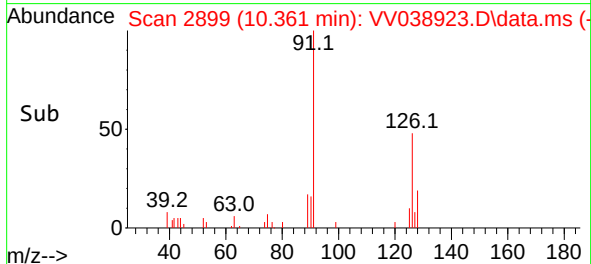
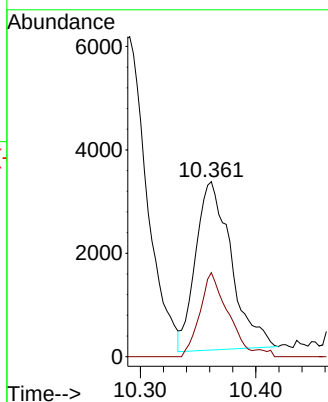
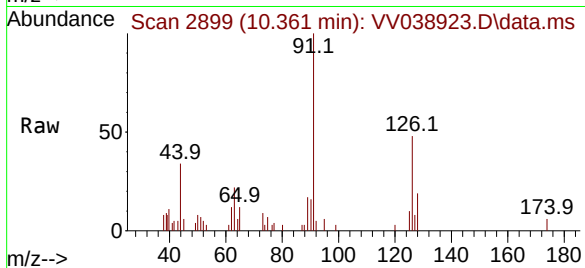
#79
2-Chlorotoluene
Concen: 0.346 ug/l
RT: 10.361 min Scan# 2899
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 696
Ion Ratio Lower Upper
91 100
126 38.7 17.1 51.2

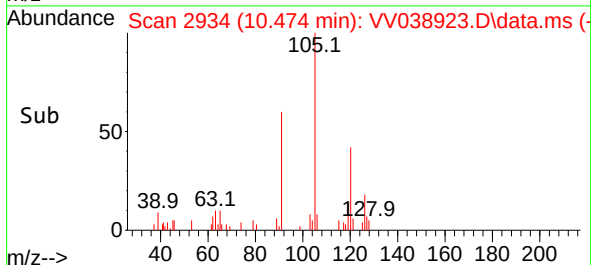
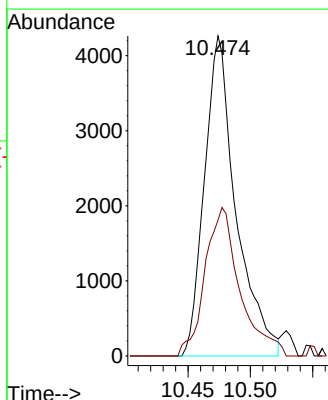
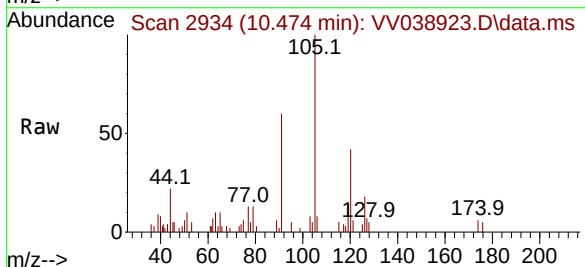
Manual Integrations
APPROVED

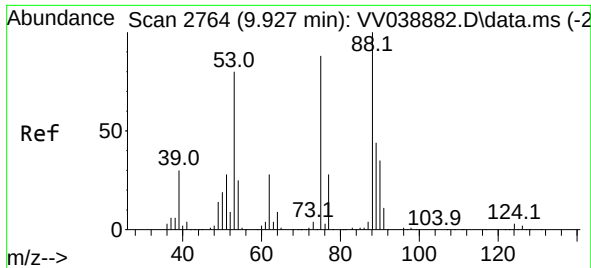
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.328 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

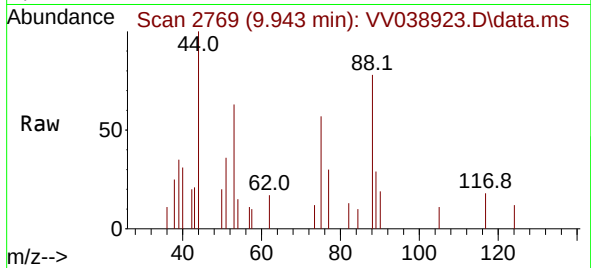
Tgt Ion:105 Resp: 7497
Ion Ratio Lower Upper
105 100
120 51.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 0.308 ug/l m
RT: 9.943 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

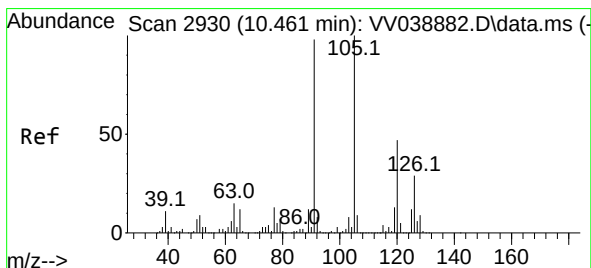
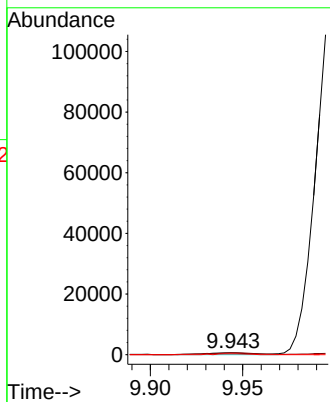
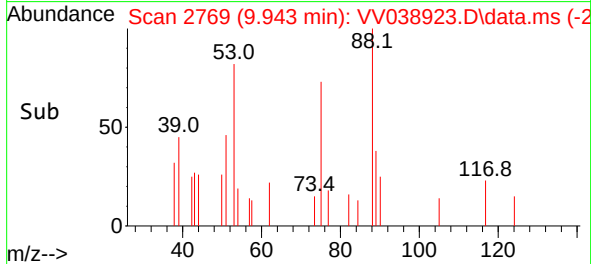
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 75 Resp: 106
Ion Ratio Lower Upper
75 100
53 58.0 71.3 106.9
89 0.0 42.2 63.2

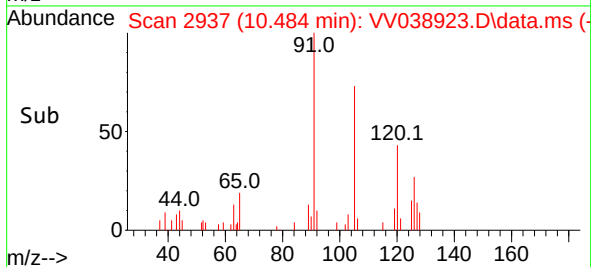
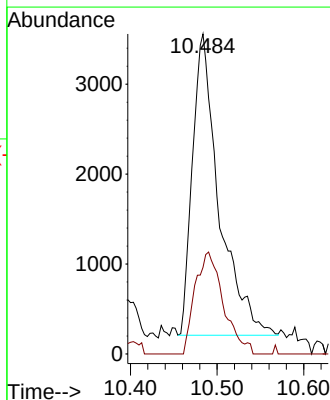
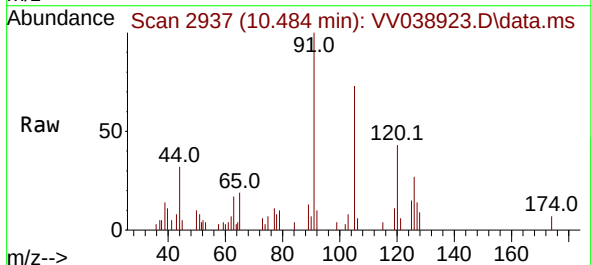
Manual Integrations
APPROVED

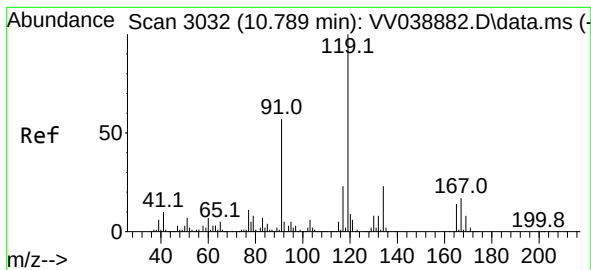
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#82
4-Chlorotoluene
Concen: 0.318 ug/l
RT: 10.484 min Scan# 2937
Delta R.T. 0.023 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 91 Resp: 7146
Ion Ratio Lower Upper
91 100
126 36.1 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.328 ug/l

RT: 10.792 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

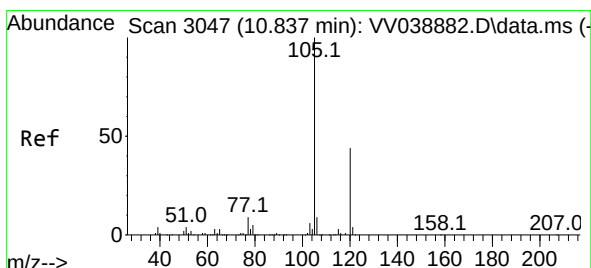
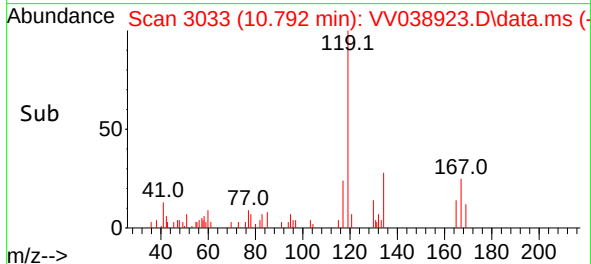
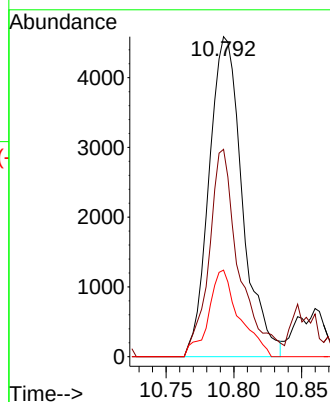
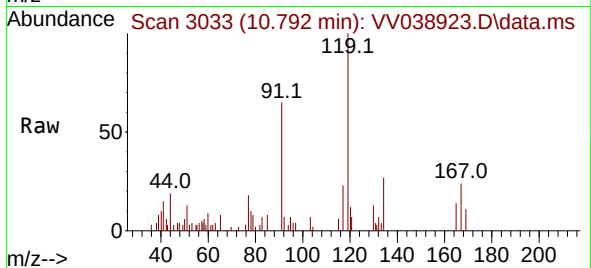
MDL07

Tgt Ion:	119	Resp:	785
Ion	Ratio	Lower	Upper
119	100		
91	58.6	28.1	84.2
134	25.0	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.290 ug/l

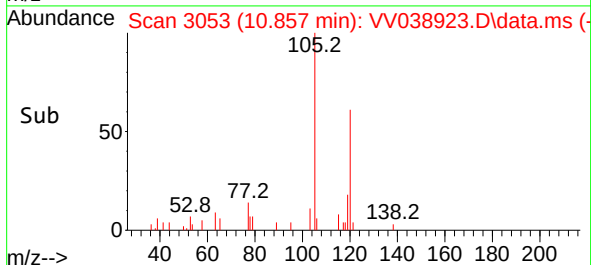
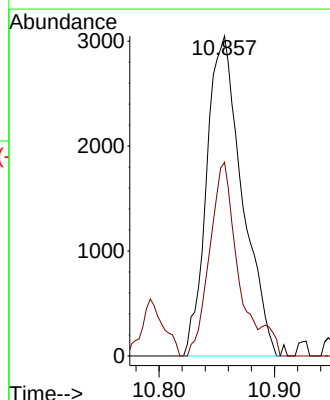
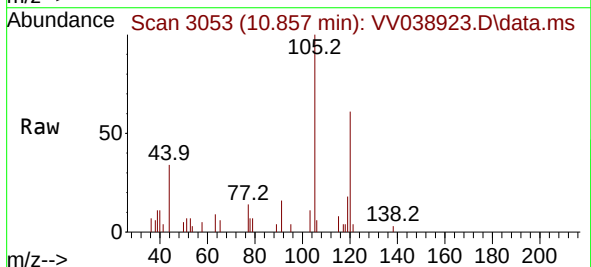
RT: 10.857 min Scan# 3053

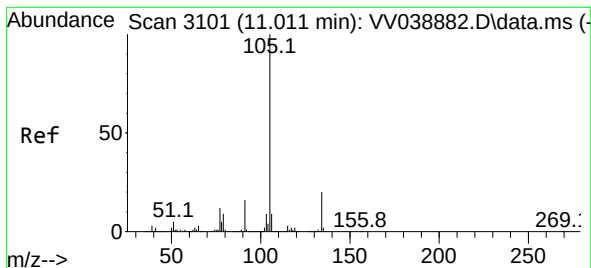
Delta R.T. 0.019 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Tgt Ion:	105	Resp:	6514
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 0.316 ug/l

RT: 11.017 min Scan# 3101

Delta R.T. 0.006 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:105 Resp: 9658

Ion Ratio Lower Upper

105 100

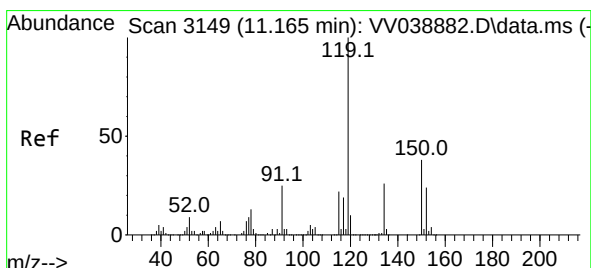
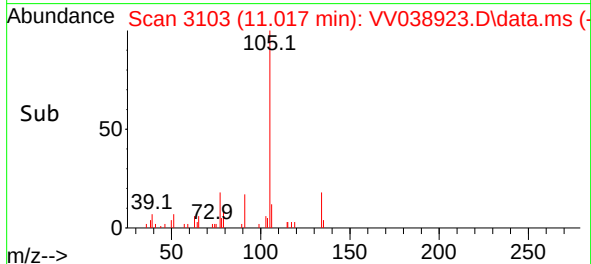
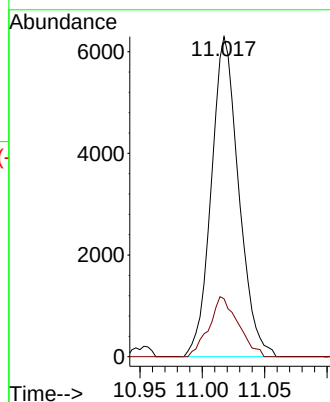
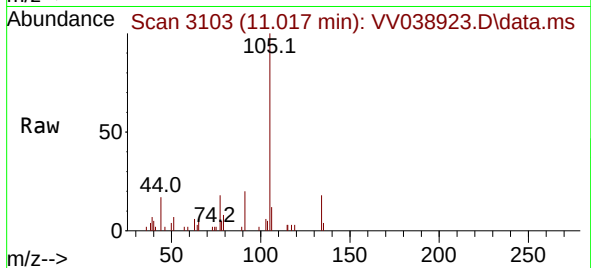
134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#86

p-Isopropyltoluene

Concen: 0.340 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

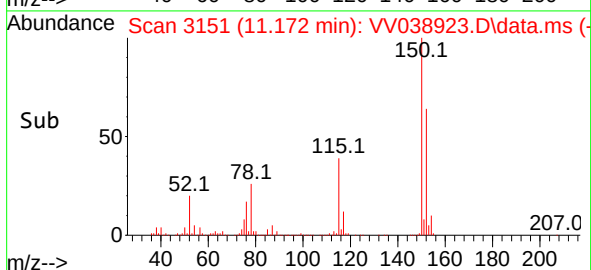
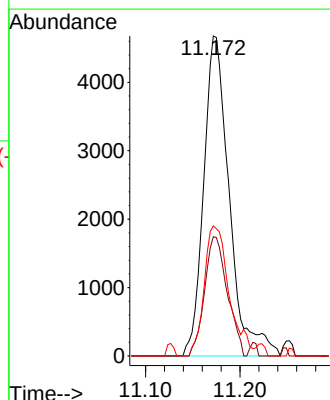
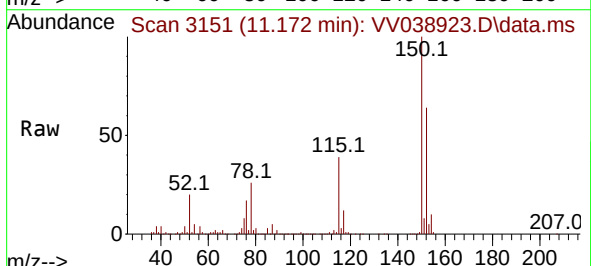
Tgt Ion:119 Resp: 8813

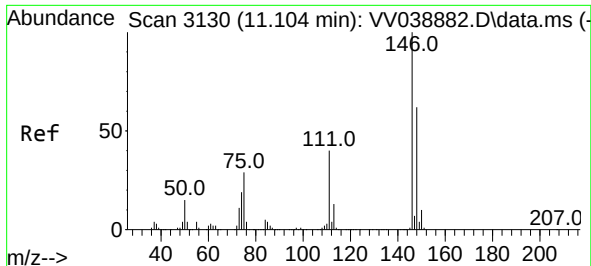
Ion Ratio Lower Upper

119 100

134 33.0 13.1 39.3

91 39.3 12.3 36.8#





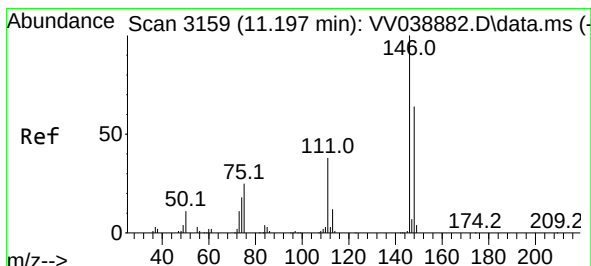
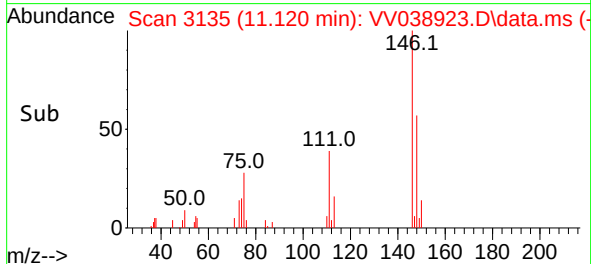
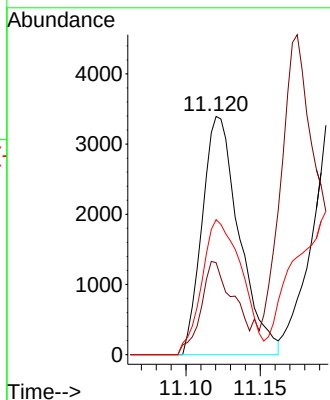
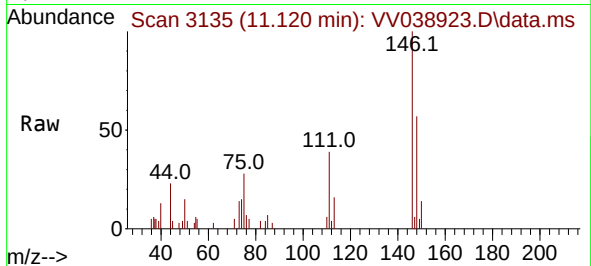
#87
1,3-Dichlorobenzene
Concen: 0.406 ug/l
RT: 11.120 min Scan# 3112
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:146 Resp: 589
Ion Ratio Lower Upper
146 100
111 34.8 20.2 60.5
148 61.0 31.4 94.3

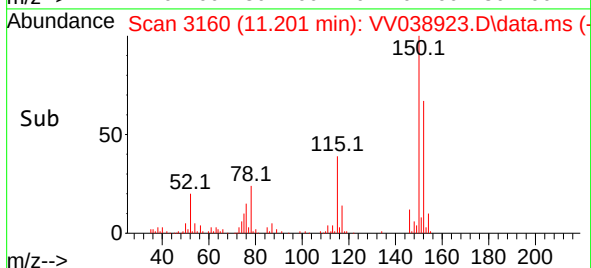
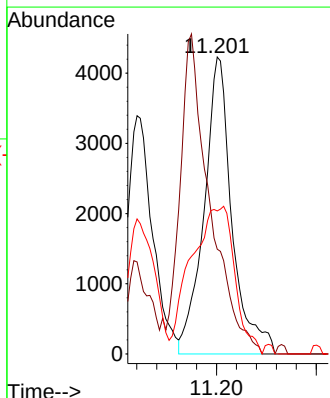
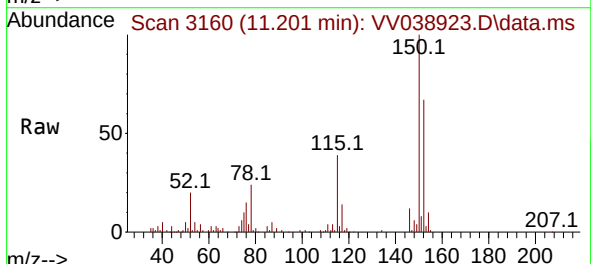
Manual Integrations
APPROVED

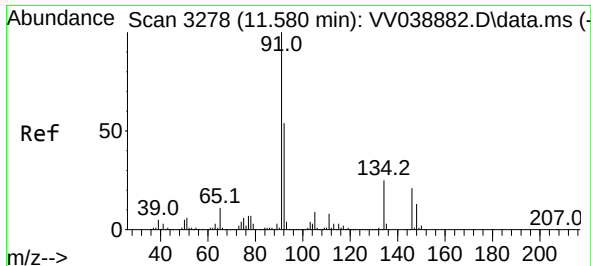
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#88
1,4-Dichlorobenzene
Concen: 0.522 ug/l m
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:146 Resp: 8225
Ion Ratio Lower Upper
146 100
111 24.9 19.8 59.3
148 43.7 32.1 96.5





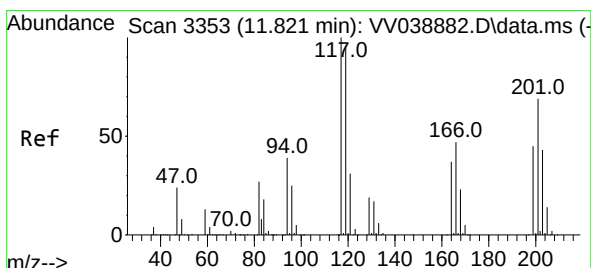
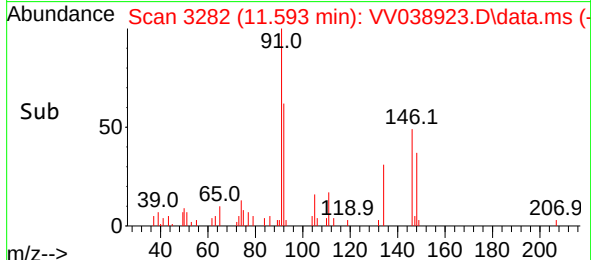
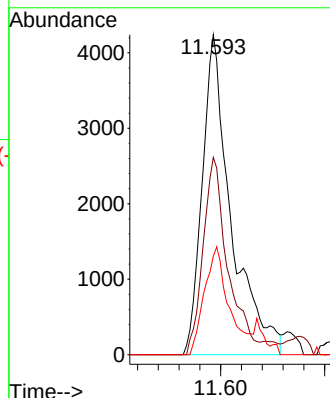
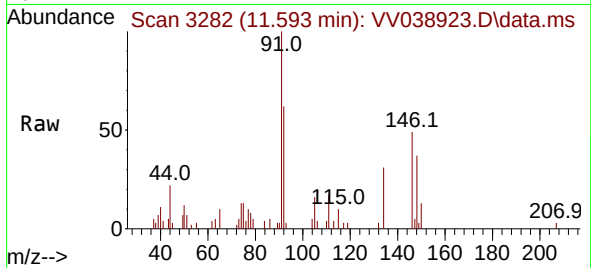
#89
n-Butylbenzene
Concen: 0.346 ug/l
RT: 11.593 min Scan# 3278
Delta R.T. 0.013 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 818
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 28.5 12.7 38.1

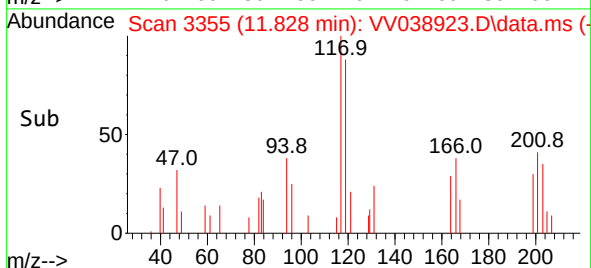
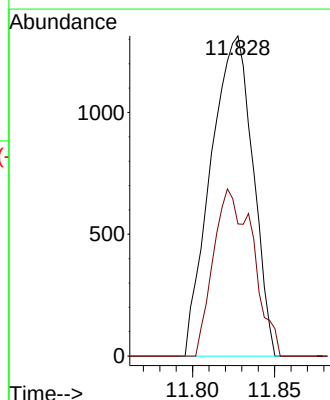
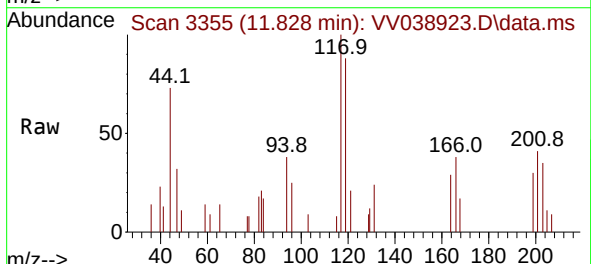
Manual Integrations
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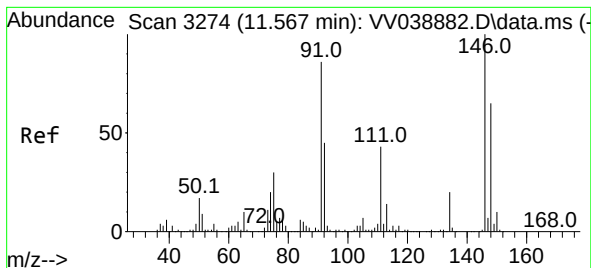
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#90
Hexachloroethane
Concen: 0.380 ug/l
RT: 11.828 min Scan# 3355
Delta R.T. 0.006 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion:117 Resp: 2345
Ion Ratio Lower Upper
117 100
201 49.1 34.0 102.0





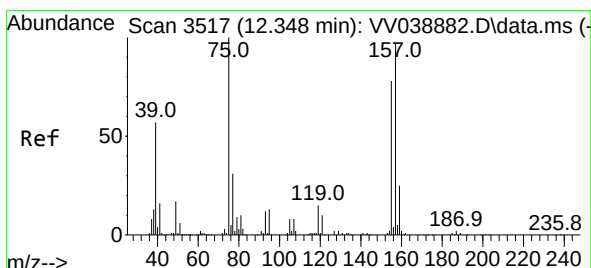
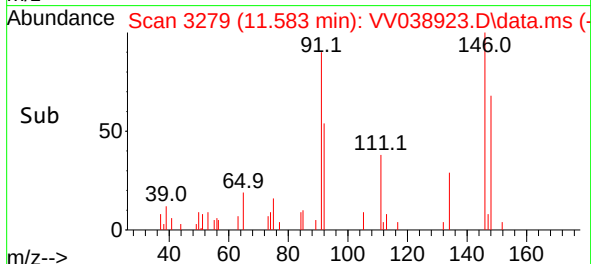
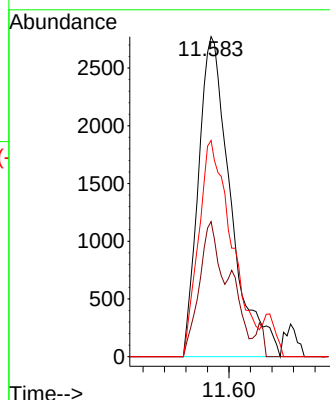
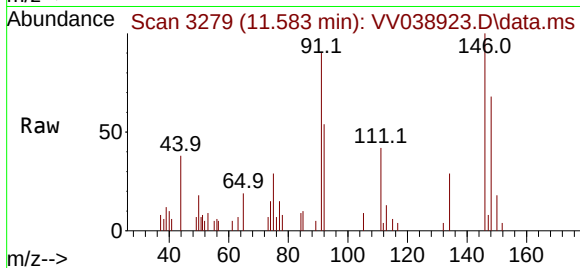
#91
1,2-Dichlorobenzene
Concen: 0.411 ug/l
RT: 11.583 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:146 Resp: 5790
Ion Ratio Lower Upper
146 100
111 27.6 21.4 64.3
148 69.5 32.0 96.2

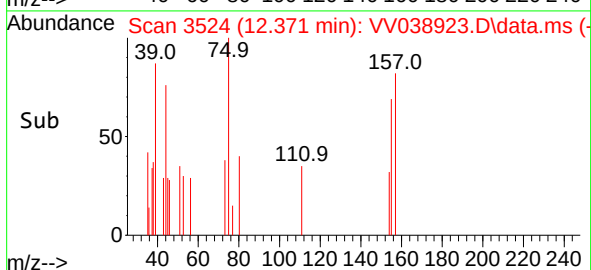
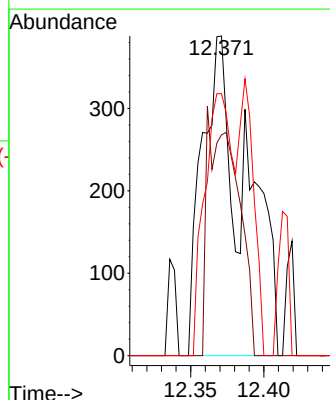
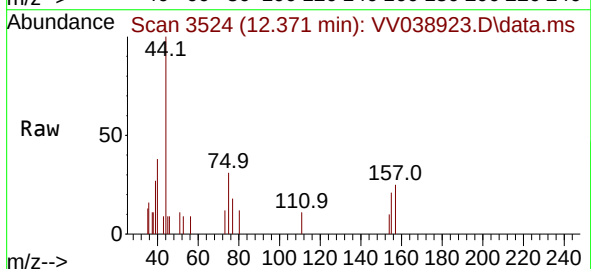
Manual Integrations
APPROVED

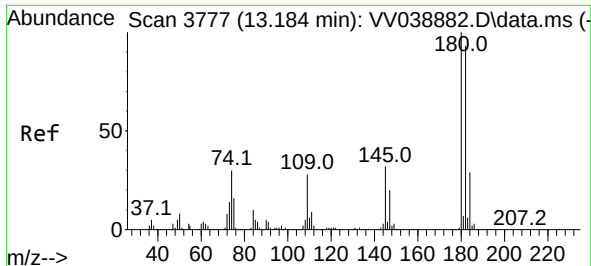
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.311 ug/l m
RT: 12.371 min Scan# 3524
Delta R.T. 0.023 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

Tgt Ion: 75 Resp: 797
Ion Ratio Lower Upper
75 100
155 53.7 40.2 120.6
157 53.8 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 0.454 ug/l

RT: 13.201 min Scan# 3777

Delta R.T. 0.016 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

Instrument :

MSVOA_V

ClientSampleId :

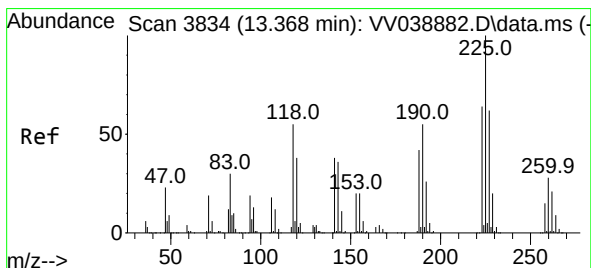
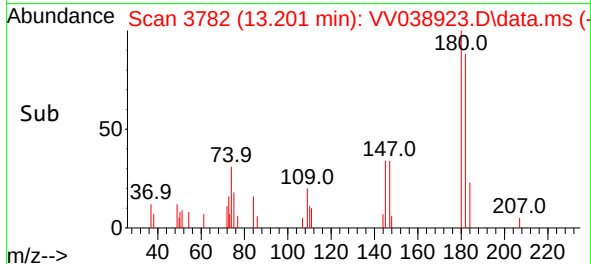
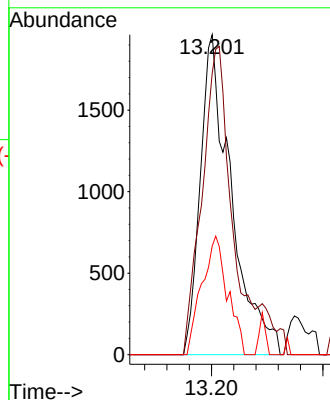
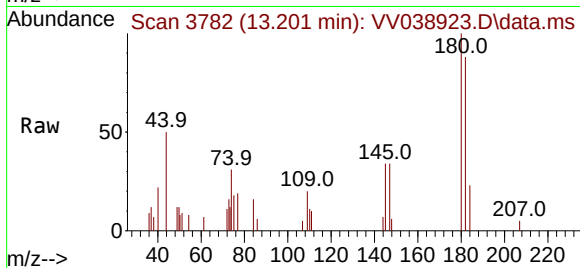
MDL07

Tgt Ion:180	Resp:	3777
Ion Ratio	Lower	Upper
180	100	
182	90.8	47.4 142.3
145	31.0	16.2 48.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#94

Hexachlorobutadiene

Concen: 0.429 ug/l

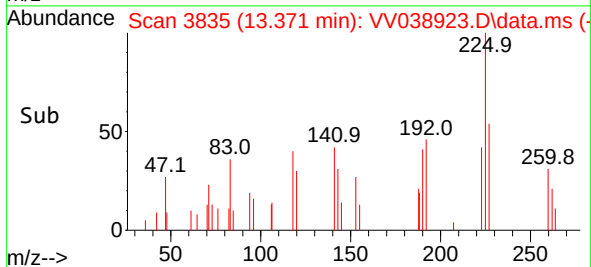
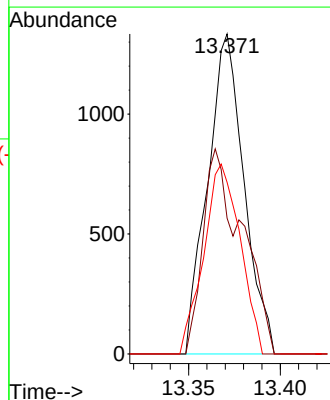
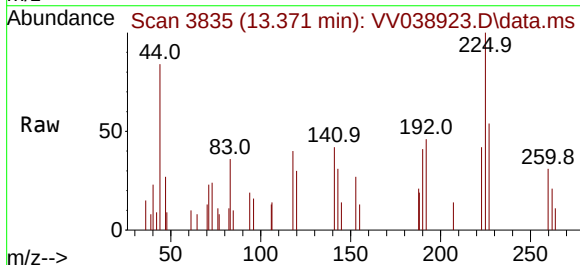
RT: 13.371 min Scan# 3835

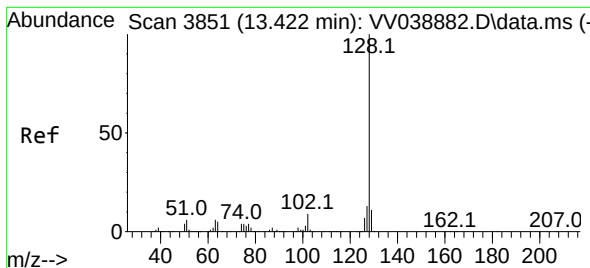
Delta R.T. 0.003 min

Lab File: VV038923.D

Acq: 18 Jul 2025 15:44

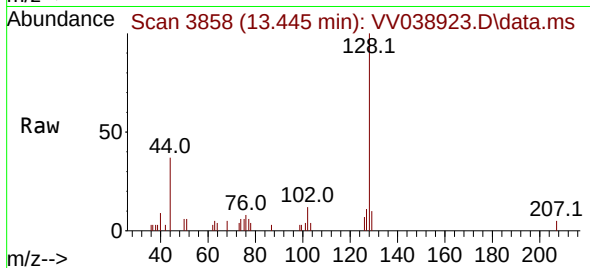
Tgt Ion:225	Resp:	1837
Ion Ratio	Lower	Upper
225	100	
223	69.2	32.4 97.2
227	59.6	31.3 93.9





#95
Naphthalene
Concen: 0.348 ug/l m
RT: 13.445 min Scan# 3932
Delta R.T. 0.023 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44

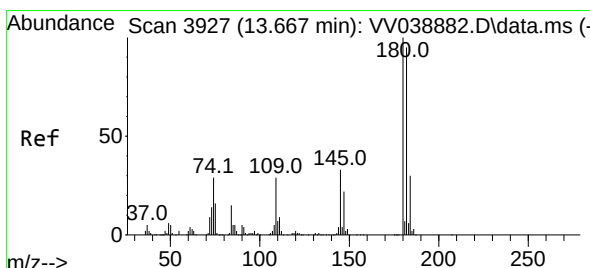
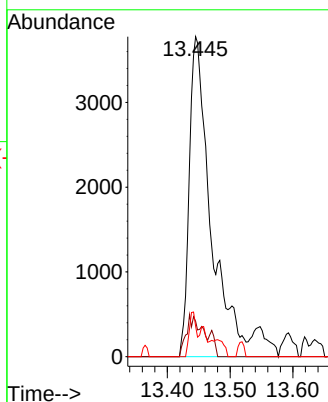
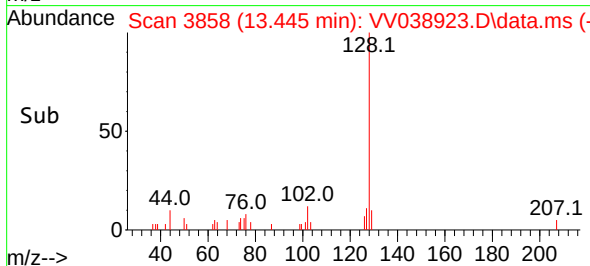
Instrument :
MSVOA_V
ClientSampleId :
MDL07



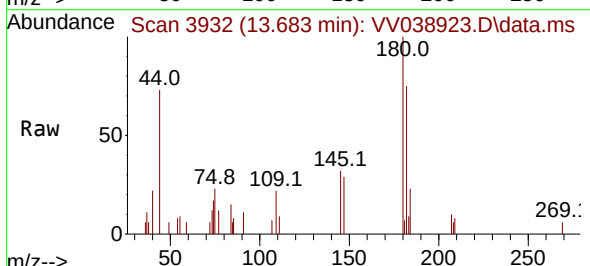
Tgt Ion:128 Resp: 949
Ion Ratio Lower Upper
128 100
127 8.8 10.5 15.7
129 4.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.392 ug/l
RT: 13.683 min Scan# 3932
Delta R.T. 0.016 min
Lab File: VV038923.D
Acq: 18 Jul 2025 15:44



Tgt Ion:180 Resp: 3377
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.2
145 36.0 17.0 51.0

