

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071625\
 Data File : VW038912.D
 Acq On : 16 Jul 2025 16:47
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 06:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	519885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	939469	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	863507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	373937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	367135	57.797	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 115.600%			
35) Dibromofluoromethane	4.503	113	307291	47.974	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.940%			
50) Toluene-d8	7.239	98	1014520	52.399	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 104.800%			
62) 4-Bromofluorobenzene	10.001	95	309703	39.708	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 79.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	1975	0.432	ug/l	81
3) Chloromethane	1.227	50	3054	0.619	ug/l	97
4) Vinyl Chloride	1.294	62	3246	0.575	ug/l	96
5) Bromomethane	1.500	94	3559	0.841	ug/l	95
6) Chloroethane	1.561	64	2768	0.734	ug/l	95
7) Trichlorofluoromethane	1.725	101	5662	0.567	ug/l	92
8) Diethyl Ether	1.918	74	2021	0.563	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.079	101	2902	0.486	ug/l	96
10) Methyl Iodide	2.195	142	3003	0.438	ug/l #	87
11) Tert butyl alcohol	2.568	59	4613	3.154	ug/l #	93
12) 1,1-Dichloroethene	2.082	96	2767	0.508	ug/l	92
13) Acrolein	2.021	56	455	2.151	ug/l	100
14) Allyl chloride	2.359	41	4173	0.481	ug/l #	70
15) Acrylonitrile	2.680	53	10437	2.789	ug/l	95
16) Acetone	2.124	43	8417	3.062	ug/l	93
17) Carbon Disulfide	2.256	76	7268	0.640	ug/l	98
18) Methyl Acetate	2.384	43	5534	0.595	ug/l	96
19) Methyl tert-butyl Ether	2.722	73	10762	0.527	ug/l	97
20) Methylene Chloride	2.455	84	4973	0.713	ug/l #	94
21) trans-1,2-Dichloroethene	2.703	96	3813	0.658	ug/l #	75
22) Diisopropyl ether	3.224	45	7826	0.452	ug/l #	60
23) Vinyl Acetate	3.204	43	25115	1.849	ug/l	100
24) 1,1-Dichloroethane	3.117	63	6012	0.530	ug/l #	84
25) 2-Butanone	3.921	43	14688m	3.728	ug/l	
26) 2,2-Dichloropropane	3.809	77	4451	0.448	ug/l	97
27) cis-1,2-Dichloroethene	3.844	96	2881	0.433	ug/l	63
28) Bromochloromethane	4.159	49	2662	0.606	ug/l #	43
29) Tetrahydrofuran	4.262	42	7634m	2.940	ug/l	
30) Chloroform	4.291	83	6483	0.518	ug/l	92
31) Cyclohexane	4.597	56	14560	1.955	ug/l #	17
32) 1,1,1-Trichloroethane	4.513	97	5218	0.478	ug/l #	50
36) 1,1-Dichloropropene	4.757	75	4984m	0.677	ug/l	
37) Ethyl Acetate	4.043	43	5006m	0.578	ug/l	
38) Carbon Tetrachloride	4.744	117	4060m	0.415	ug/l	
39) Methylcyclohexane	6.053	83	3706	0.427	ug/l	94
40) Benzene	5.027	78	10757	0.431	ug/l	91

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 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 06:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.252	41	1544m	0.388	ug/l	
42) 1,2-Dichloroethane	5.060	62	5007m	0.526	ug/l	
43) Isopropyl Acetate	5.236	43	7196m	0.525	ug/l	
44) Trichloroethene	5.850	130	3043m	0.467	ug/l	
45) 1,2-Dichloropropane	6.114	63	2926	0.444	ug/l #	85
46) Dibromomethane	6.243	93	2391m	0.469	ug/l	
47) Bromodichloromethane	6.445	83	4484	0.414	ug/l #	96
48) Methyl methacrylate	6.404	41	2473m	0.416	ug/l	
49) 1,4-Dioxane	6.355	88	1238m	9.659	ug/l	
51) 4-Methyl-2-Pentanone	7.166	43	14368	1.539	ug/l	96
52) Toluene	7.333	92	6921	0.440	ug/l	98
53) t-1,3-Dichloropropene	7.622	75	4194m	0.428	ug/l	
54) cis-1,3-Dichloropropene	6.982	75	3737	0.353	ug/l #	83
55) 1,1,2-Trichloroethane	7.783	97	3489	0.464	ug/l #	83
56) Ethyl methacrylate	7.760	69	3086m	0.346	ug/l	
57) 1,3-Dichloropropane	7.957	76	4810	0.427	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.863	63	6917m	1.284	ug/l	
59) 2-Hexanone	8.108	43	11159m	1.606	ug/l	
60) Dibromochloromethane	8.178	129	3492	0.395	ug/l	89
61) 1,2-Dibromoethane	8.297	107	3533	0.467	ug/l #	77
64) Tetrachloroethene	7.912	164	3065	0.541	ug/l #	80
65) Chlorobenzene	8.805	112	8929	0.473	ug/l	94
66) 1,1,1,2-Tetrachloroethane	8.902	131	3824	0.508	ug/l #	63
67) Ethyl Benzene	8.950	91	10622	0.379	ug/l #	76
68) m/p-Xylenes	9.079	106	7979	0.731	ug/l	93
69) o-Xylene	9.481	106	3690	0.358	ug/l	92
70) Styrene	9.513	104	5879m	0.323	ug/l	
71) Bromoform	9.664	173	2813	0.460	ug/l #	98
73) Isopropylbenzene	9.863	105	9133	0.409	ug/l	100
74) N-amyl acetate	9.754	43	4490m	0.549	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.178	83	5481	0.586	ug/l	94
76) 1,2,3-Trichloropropane	10.214	75	3443m	0.495	ug/l	
77) Bromobenzene	10.159	156	3346	0.571	ug/l	97
78) n-propylbenzene	10.291	91	12100	0.463	ug/l	100
79) 2-Chlorotoluene	10.362	91	8290	0.499	ug/l	97
80) 1,3,5-Trimethylbenzene	10.471	105	7621	0.404	ug/l	89
81) trans-1,4-Dichloro-2-b...	9.937	75	1064m	0.373	ug/l	
82) 4-Chlorotoluene	10.484	91	7847	0.423	ug/l	96
83) tert-Butylbenzene	10.792	119	8361	0.423	ug/l	96
84) 1,2,4-Trimethylbenzene	10.854	105	7501	0.405	ug/l	94
85) sec-Butylbenzene	11.017	105	10659	0.423	ug/l	94
86) p-Isopropyltoluene	11.175	119	8522	0.398	ug/l	84
87) 1,3-Dichlorobenzene	11.120	146	5706	0.477	ug/l	97
88) 1,4-Dichlorobenzene	11.201	146	7790m	0.599	ug/l	
89) n-Butylbenzene	11.593	91	7709	0.394	ug/l	93
90) Hexachloroethane	11.821	117	2507	0.492	ug/l	92
91) 1,2-Dichlorobenzene	11.580	146	5288	0.455	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.371	75	1057	0.500	ug/l	79
93) 1,2,4-Trichlorobenzene	13.204	180	3004	0.438	ug/l	83
94) Hexachlorobutadiene	13.371	225	1842	0.522	ug/l	91
95) Naphthalene	13.445	128	7652	0.340	ug/l	98
96) 1,2,3-Trichlorobenzene	13.680	180	3448	0.485	ug/l	89

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Instrument :
MSVOA_V
ClientSampleId :
MDL05

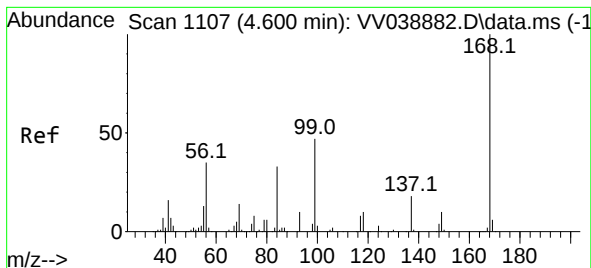
Manual Integrations
APPROVED

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

Quant Time: Jul 17 06:21:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:168 Resp: 51988

Ion Ratio Lower Upper

168 100

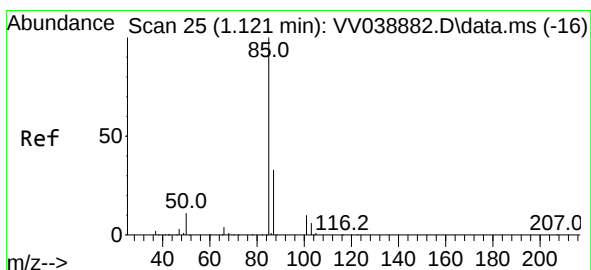
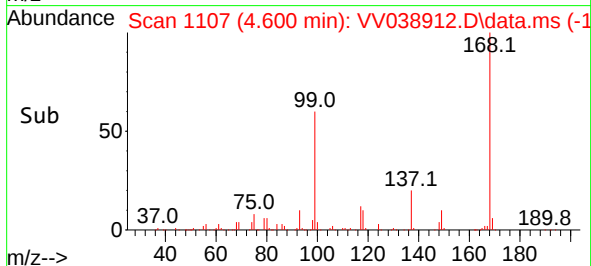
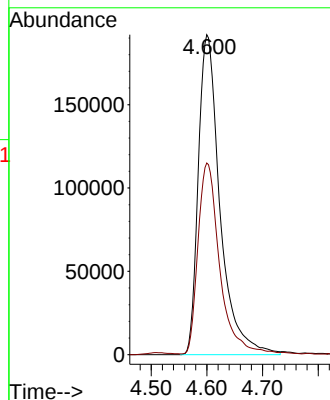
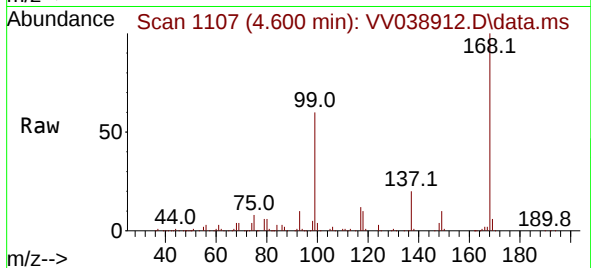
99 59.7 48.6 73.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#2

Dichlorodifluoromethane

Concen: 0.432 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038912.D

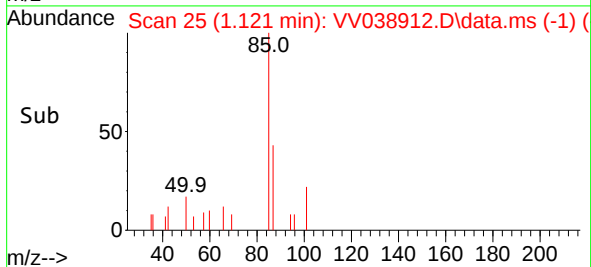
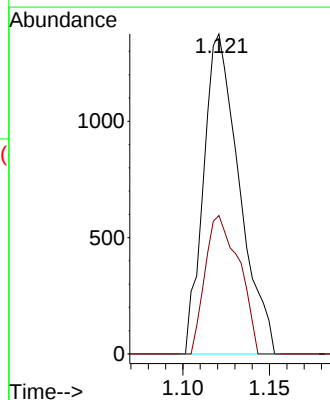
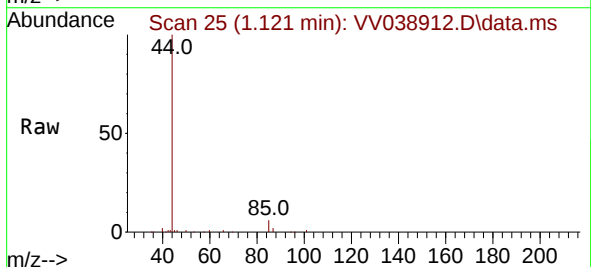
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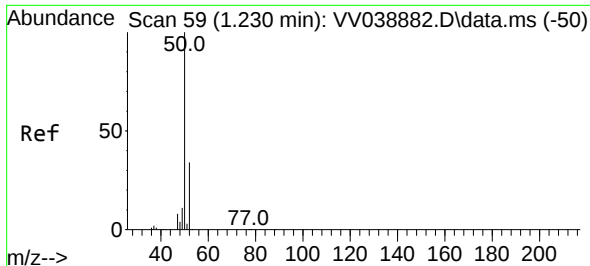
Tgt Ion: 85 Resp: 1975

Ion Ratio Lower Upper

85 100

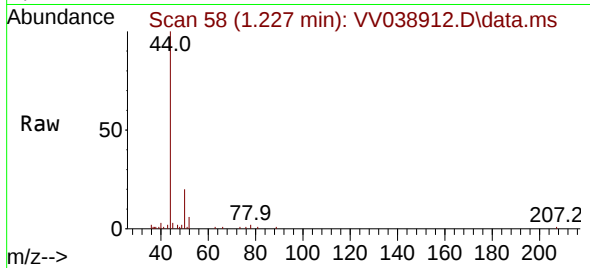
87 43.3 16.3 48.8





#3
Chloromethane
Concen: 0.619 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

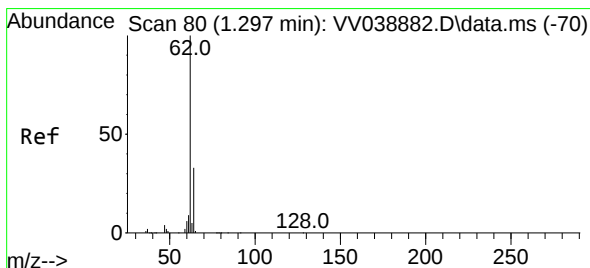
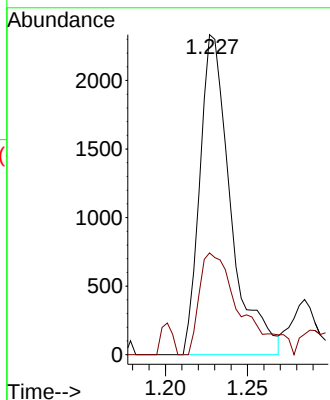
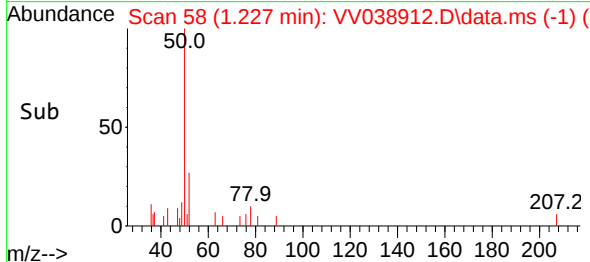
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 50 Resp: 3054
Ion Ratio Lower Upper
50 100
52 31.8 26.9 40.3

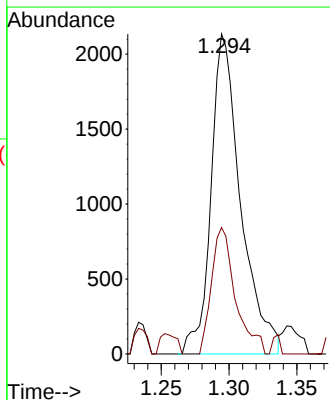
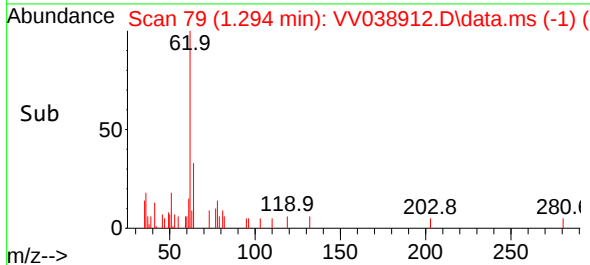
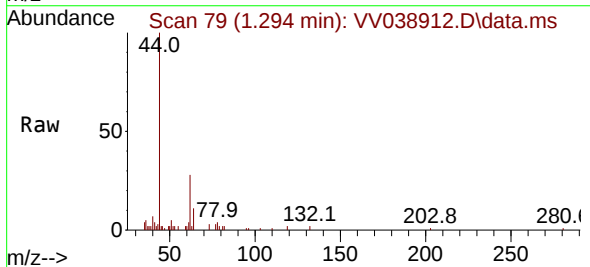
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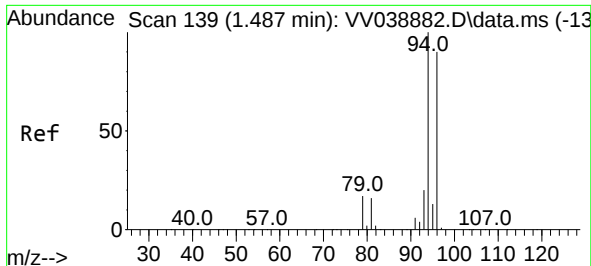
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#4
Vinyl Chloride
Concen: 0.575 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 62 Resp: 3246
Ion Ratio Lower Upper
62 100
64 34.7 26.2 39.2





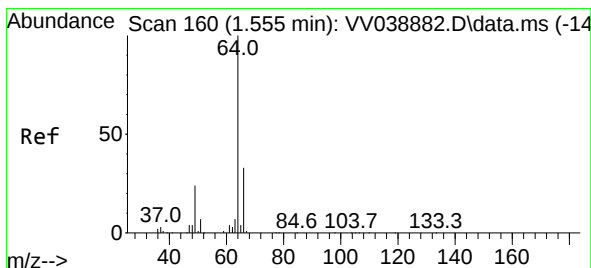
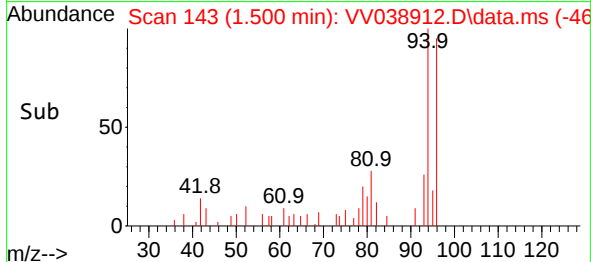
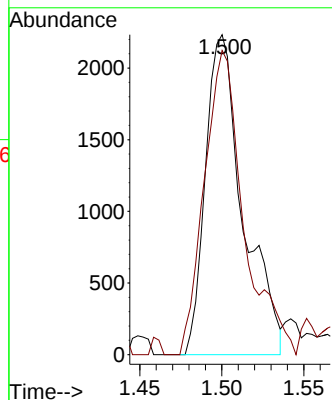
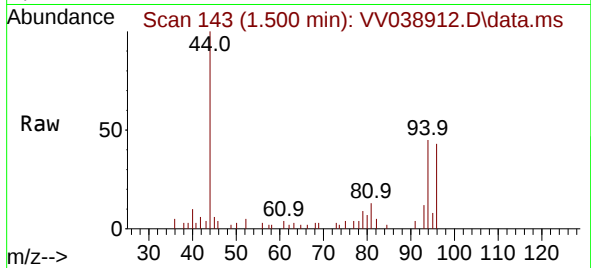
#5
Bromomethane
Concen: 0.841 ug/l
RT: 1.500 min Scan# 143
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 94 Resp: 3559
Ion Ratio Lower Upper
94 100
96 95.1 71.9 107.9

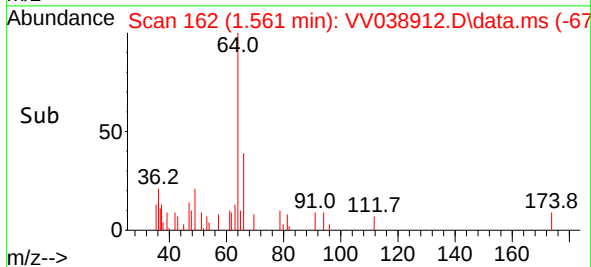
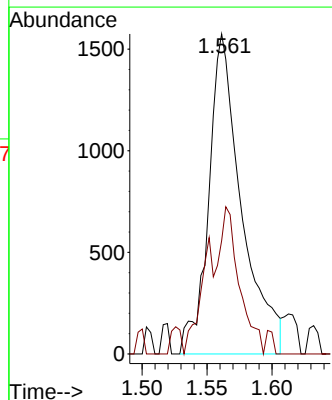
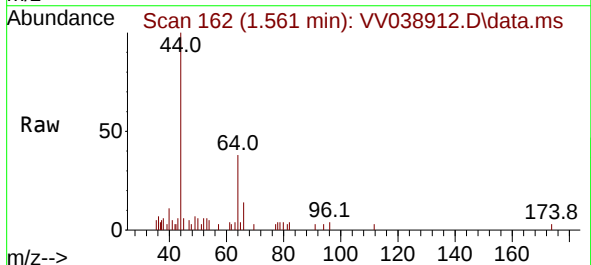
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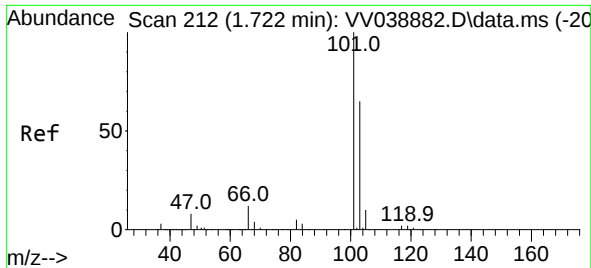
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 0.734 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.007 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 64 Resp: 2768
Ion Ratio Lower Upper
64 100
66 35.4 26.2 39.2





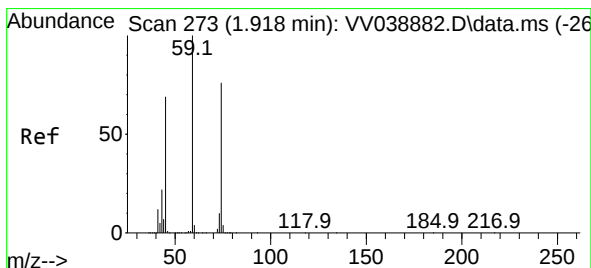
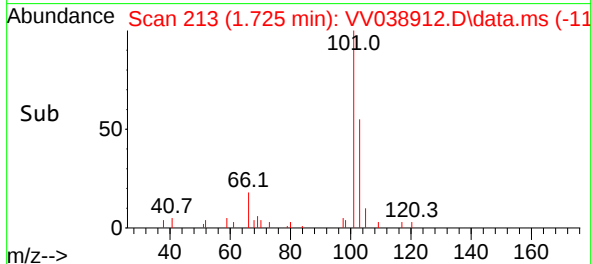
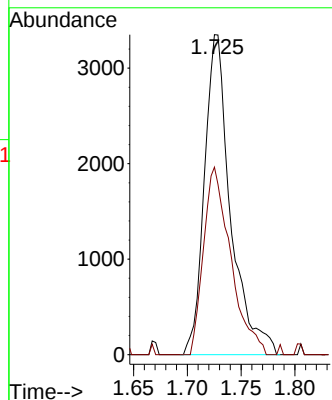
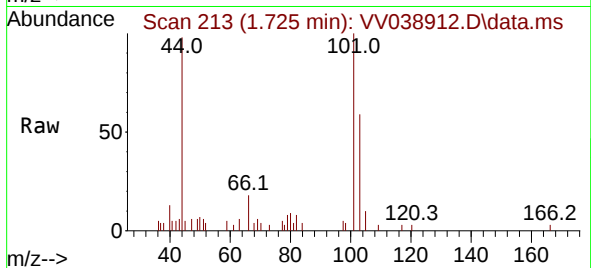
#7
Trichlorofluoromethane
Concen: 0.567 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 566
Ion Ratio Lower Upper
101 100
103 58.6 51.8 77.6

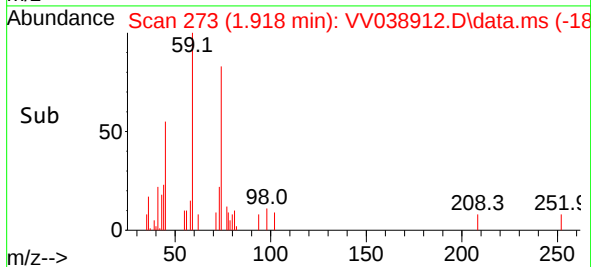
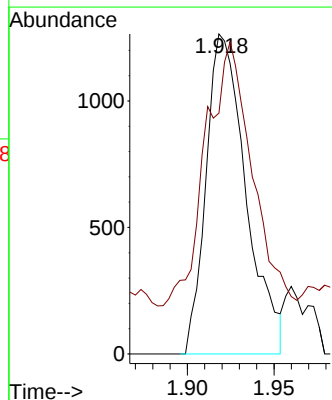
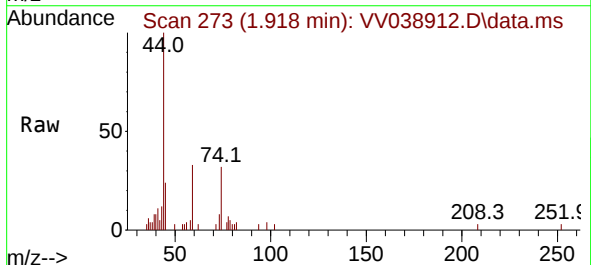
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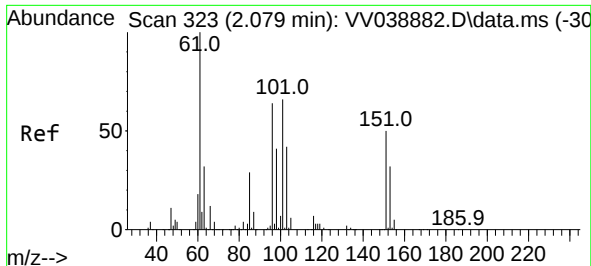
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#8
Diethyl Ether
Concen: 0.563 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 74 Resp: 2021
Ion Ratio Lower Upper
74 100
45 102.3 45.5 136.5





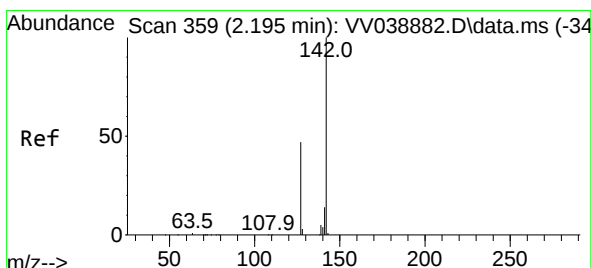
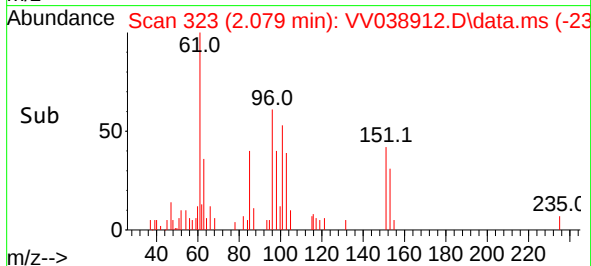
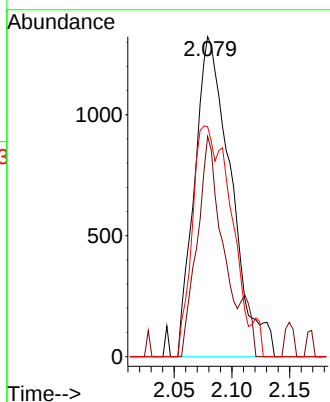
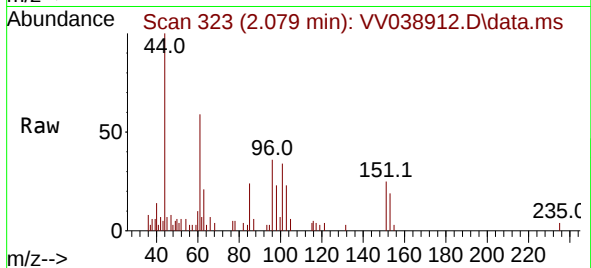
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.486 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 290
Ion Ratio Lower Upper
101 100
85 47.2 35.0 52.6
151 78.4 60.1 90.1

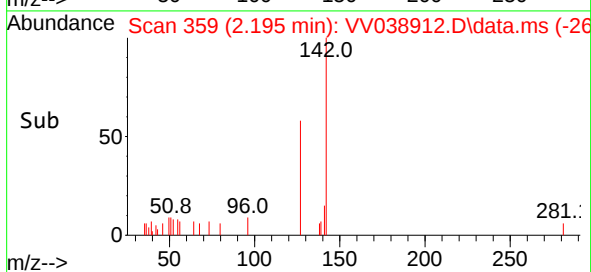
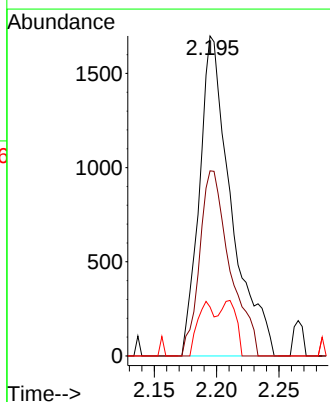
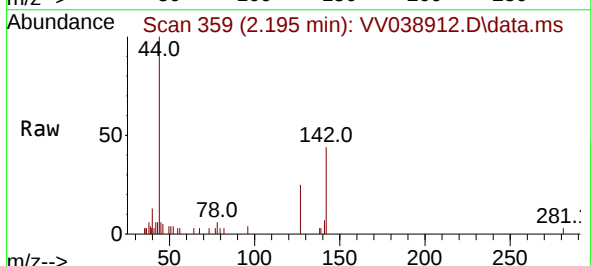
Manual Integrations
APPROVED

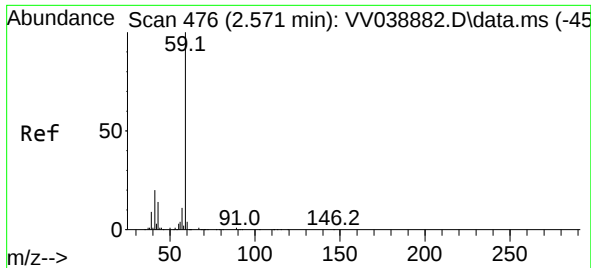
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Methyl Iodide
Concen: 0.438 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion:142 Resp: 3003
Ion Ratio Lower Upper
142 100
127 55.2 37.3 55.9
141 8.5 11.2 16.8#





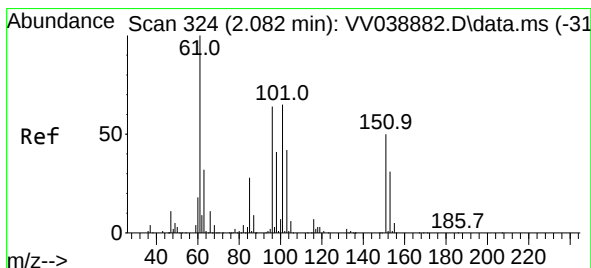
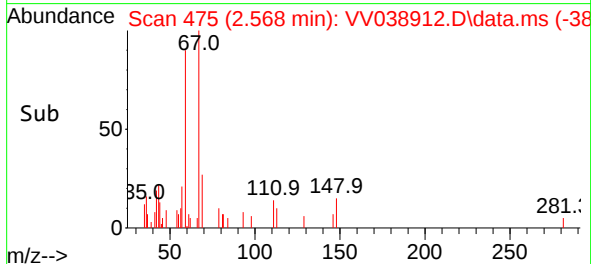
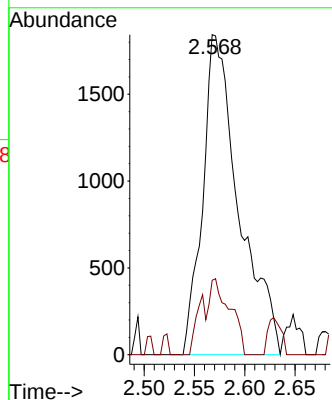
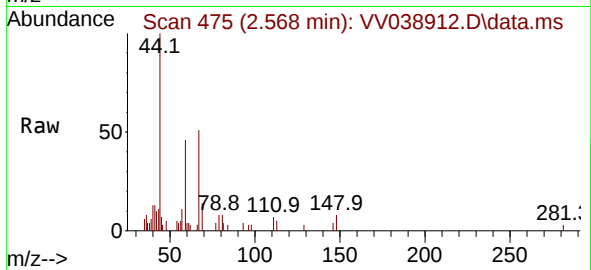
#11
Tert butyl alcohol
Concen: 3.154 ug/l
RT: 2.568 min Scan# 475
Delta R.T. -0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 13.5 8.6 12.8

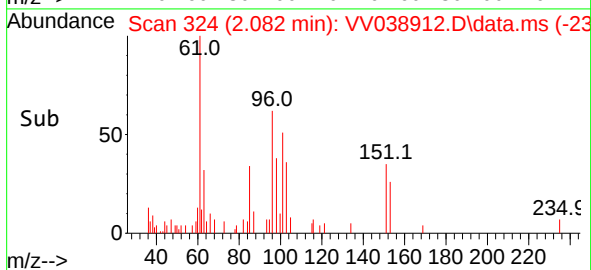
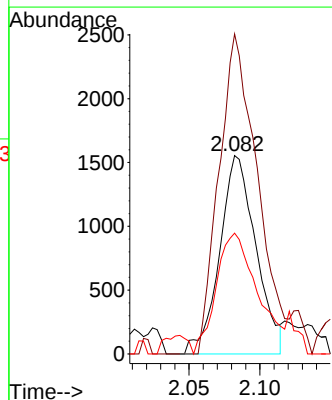
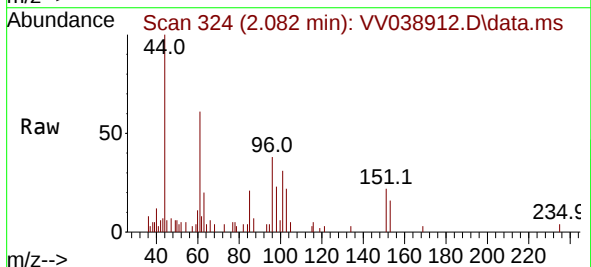
Manual Integrations
APPROVED

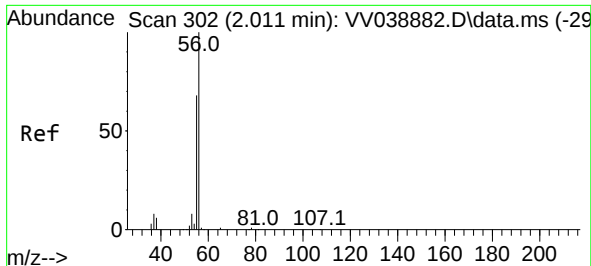
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#12
1,1-Dichloroethene
Concen: 0.508 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

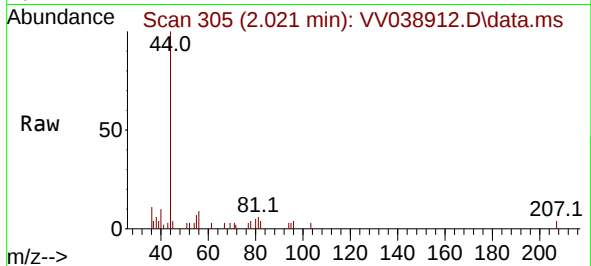
Tgt Ion: 96 Resp: 2767
Ion Ratio Lower Upper
96 100
61 161.2 124.1 186.1
98 51.4 50.6 75.8





#13
Acrolein
Concen: 2.151 ug/l
RT: 2.021 min Scan# 302
Delta R.T. 0.010 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

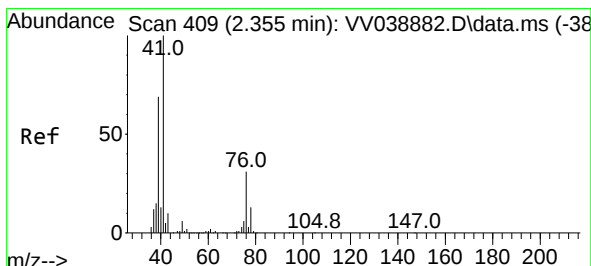
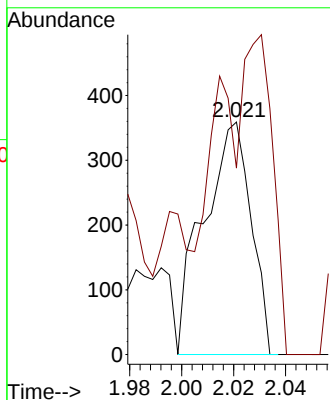
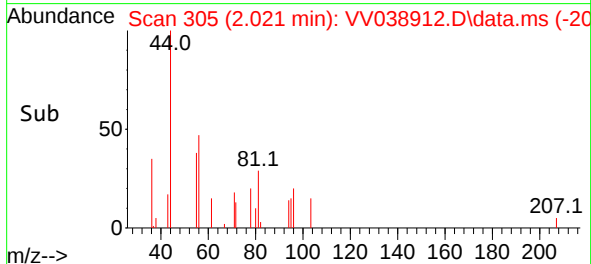
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 70.8 56.7 85.1

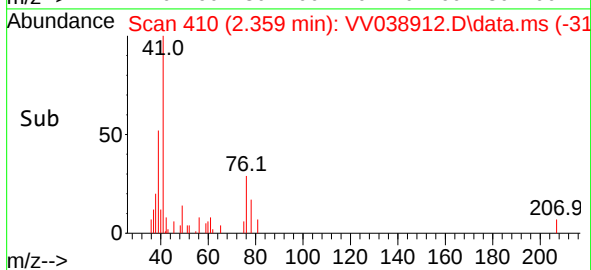
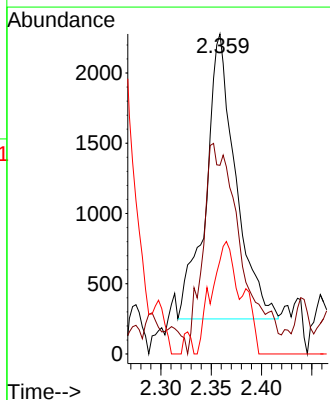
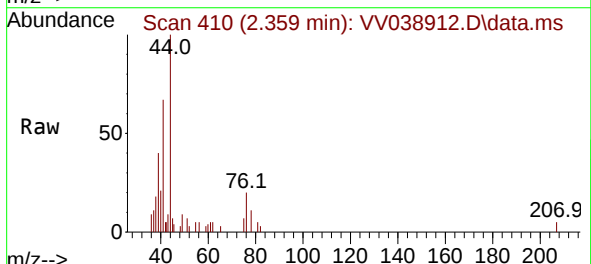
Manual Integrations
APPROVED

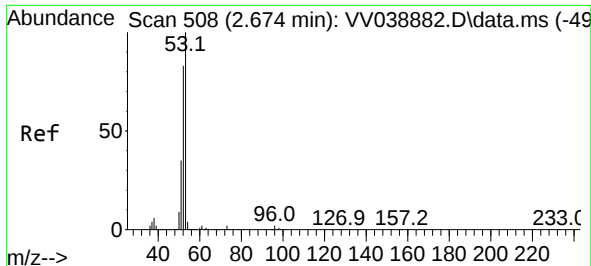
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#14
Allyl chloride
Concen: 0.481 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

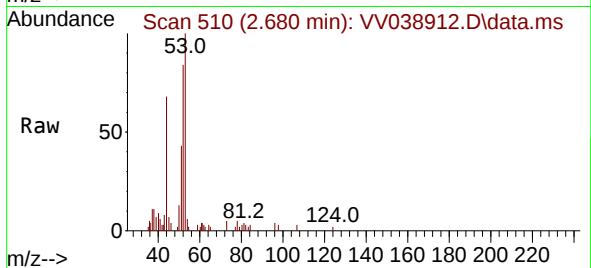
Tgt Ion: 41 Resp: 4173
Ion Ratio Lower Upper
41 100
39 94.8 50.6 76.0#
76 31.2 30.4 45.6





#15
Acrylonitrile
Concen: 2.789 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.007 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

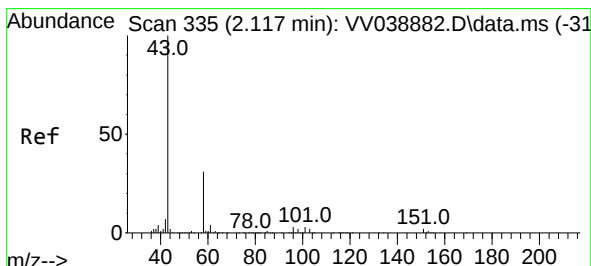
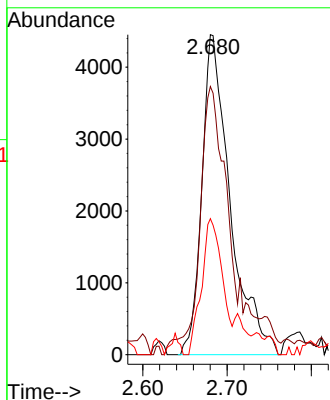
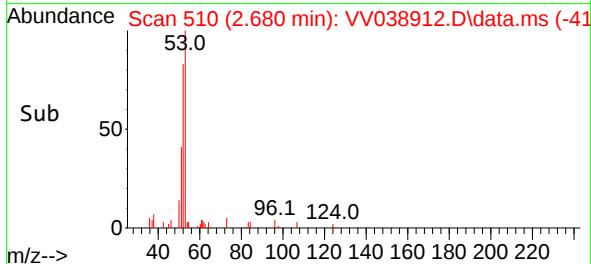
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 53 Resp: 1043
Ion Ratio Lower Upper
53 100
52 86.2 66.6 99.8
51 31.2 28.7 43.1

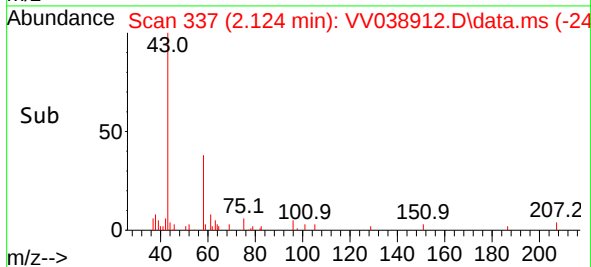
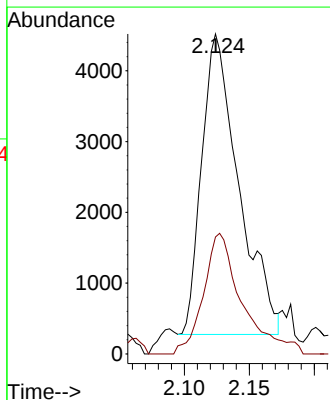
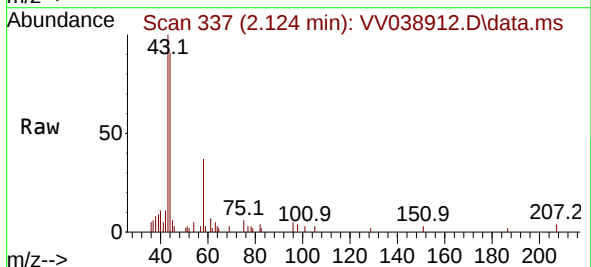
Manual Integrations
APPROVED

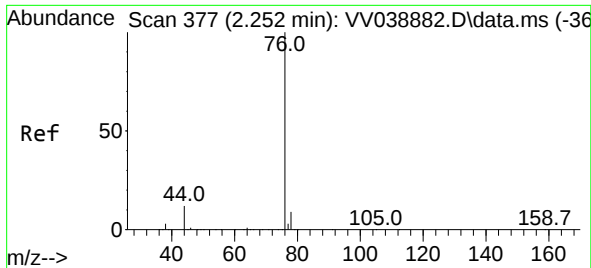
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
Acetone
Concen: 3.062 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

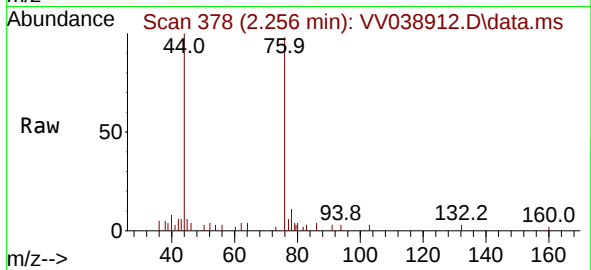
Tgt Ion: 43 Resp: 8417
Ion Ratio Lower Upper
43 100
58 36.2 25.8 38.6





#17
Carbon Disulfide
Concen: 0.640 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.004 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

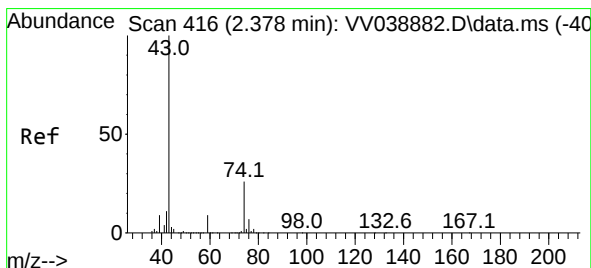
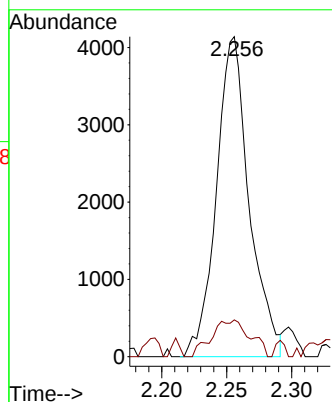
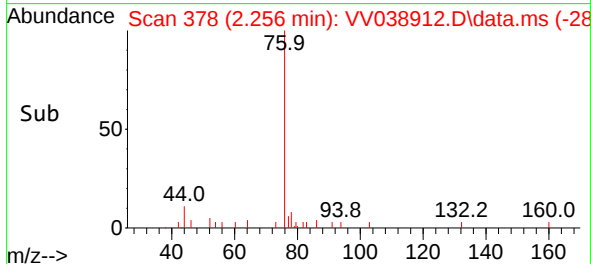
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 76 Resp: 726
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

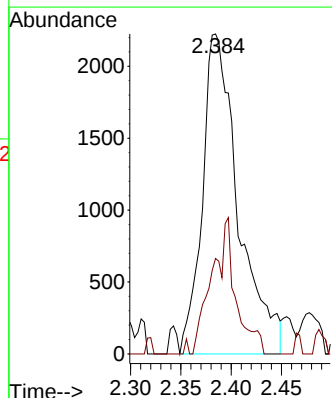
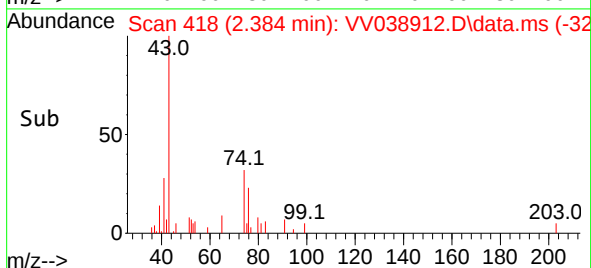
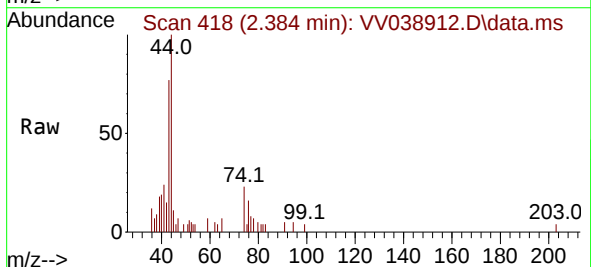
Manual Integrations
APPROVED

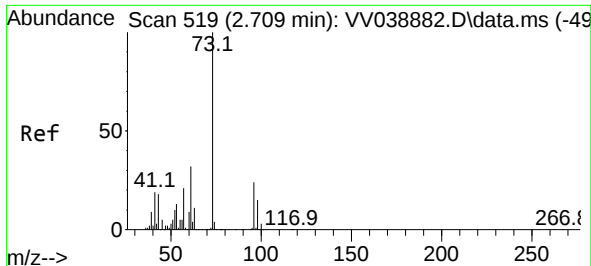
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
Methyl Acetate
Concen: 0.595 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.007 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 43 Resp: 5534
Ion Ratio Lower Upper
43 100
74 28.5 21.1 31.7





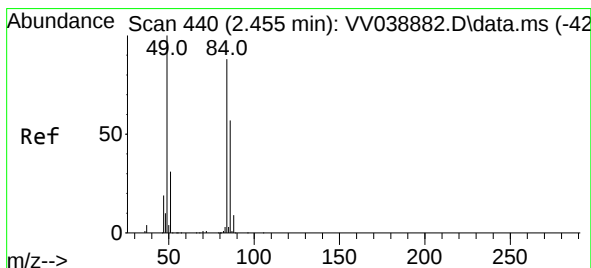
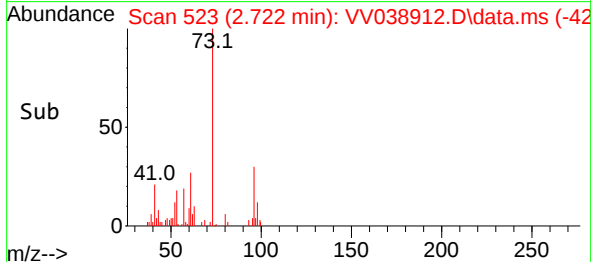
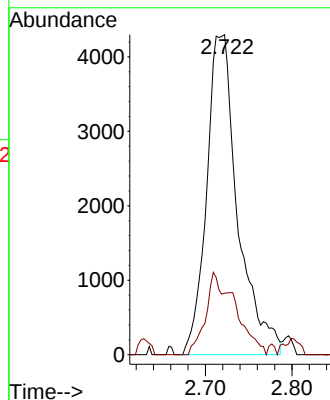
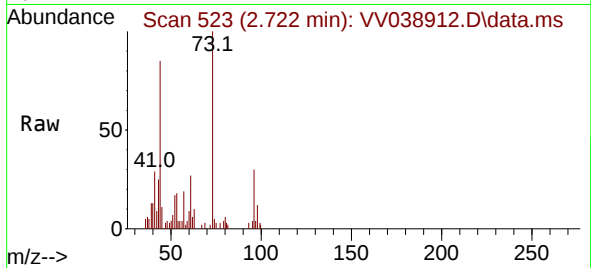
#19
Methyl tert-butyl Ether
Concen: 0.527 ug/l
RT: 2.722 min Scan# 519
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 10762
Ion Ratio Lower Upper
73 100
57 19.2 16.5 24.7

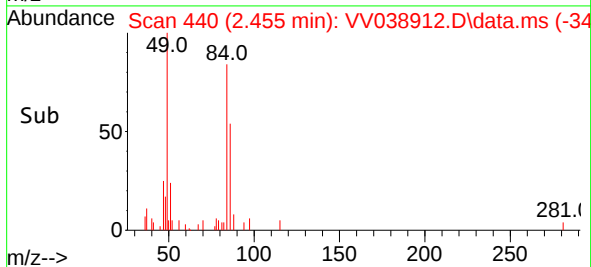
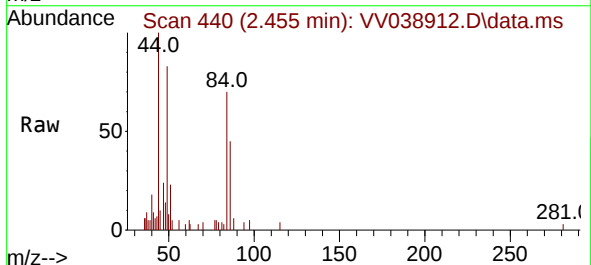
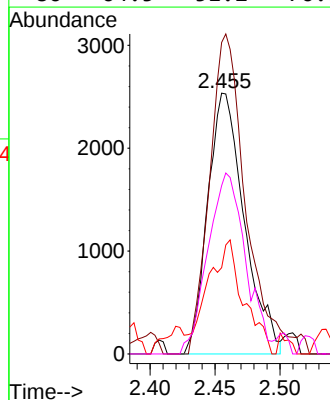
Manual Integrations
APPROVED

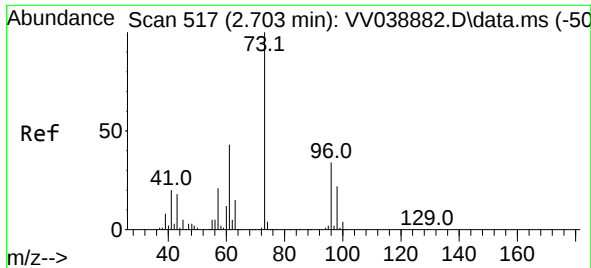
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20
Methylene Chloride
Concen: 0.713 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

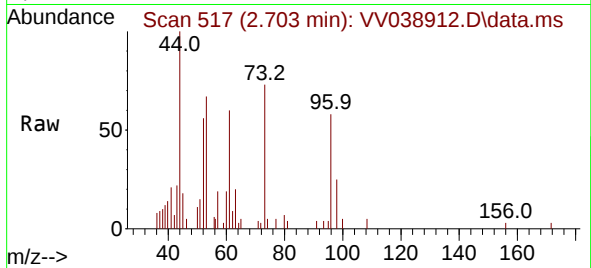
Tgt Ion: 84 Resp: 4973
Ion Ratio Lower Upper
84 100
49 119.5 90.5 135.7
51 25.1 27.8 41.6#
86 64.5 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 0.658 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

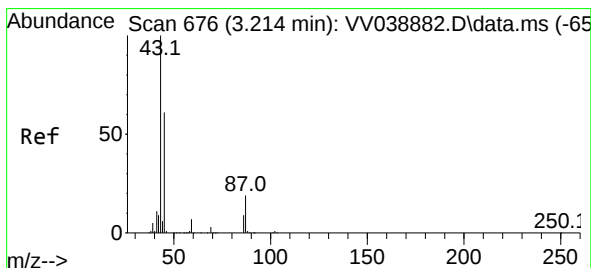
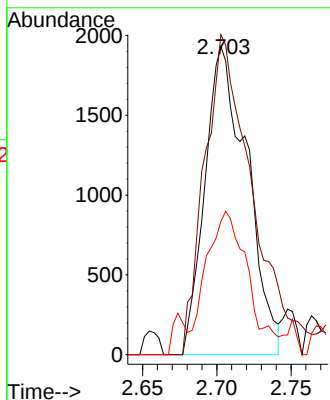
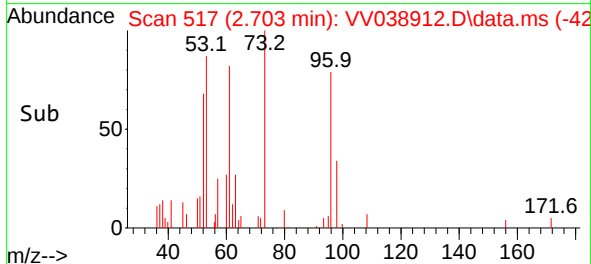
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 96 Resp: 381
Ion Ratio Lower Upper
96 100
61 103.8 102.0 153.0
98 37.5 51.0 76.6

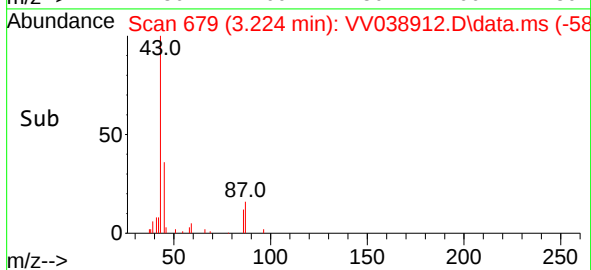
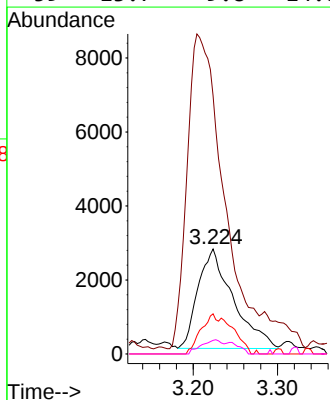
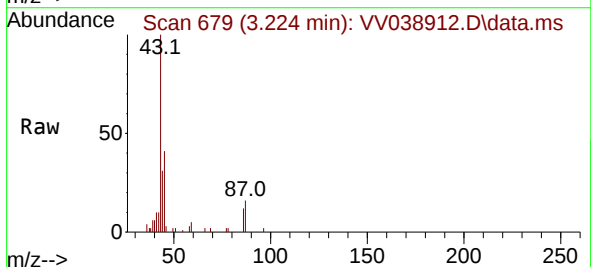
Manual Integrations
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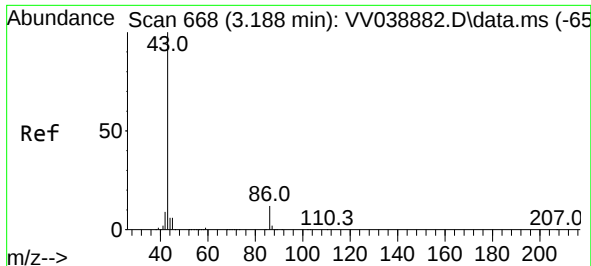
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
Diisopropyl ether
Concen: 0.452 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.010 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 45 Resp: 7826
Ion Ratio Lower Upper
45 100
43 227.9 132.1 198.1#
87 40.3 25.0 37.4#
59 13.7 9.8 14.8





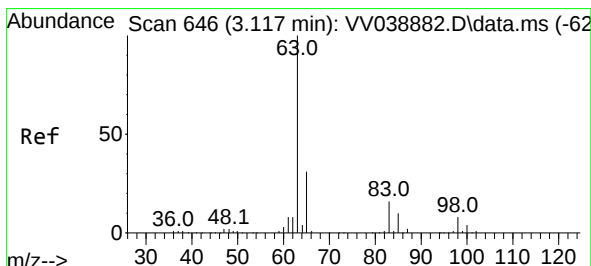
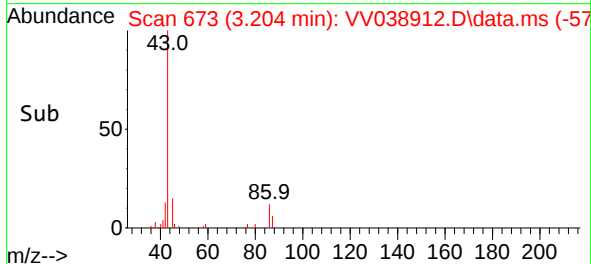
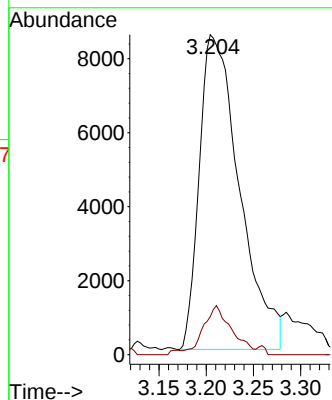
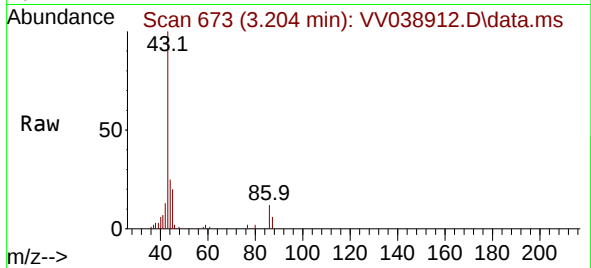
#23
 Vinyl Acetate
 Concen: 1.849 ug/l
 RT: 3.204 min Scan# 611
 Delta R.T. 0.016 min
 Lab File: VV038912.D
 Acq: 16 Jul 2025 16:47

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tgt Ion: 43 Resp: 2511
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.6

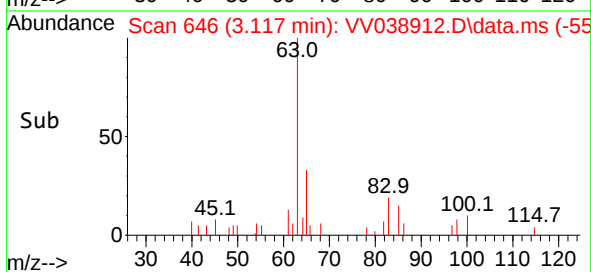
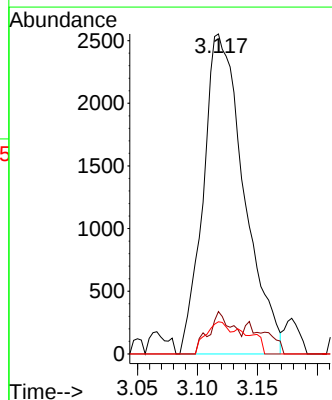
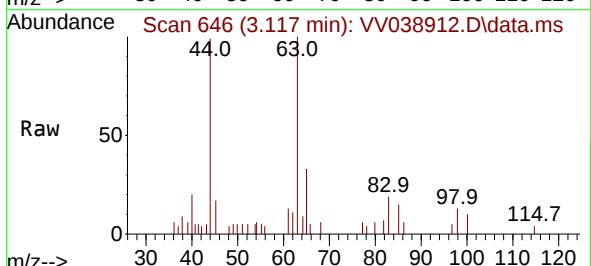
Manual Integrations
 APPROVED

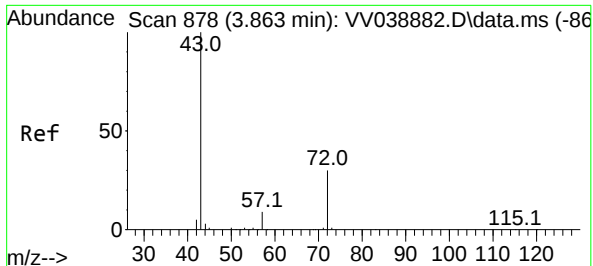
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#24
 1,1-Dichloroethane
 Concen: 0.530 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038912.D
 Acq: 16 Jul 2025 16:47

Tgt Ion: 63 Resp: 6012
 Ion Ratio Lower Upper
 63 100
 98 13.2 3.9 11.7#
 100 10.0 2.2 6.6#





#25

2-Butanone

Concen: 3.728 ug/l m

RT: 3.921 min Scan# 896

Delta R.T. 0.058 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 1468

Ion Ratio Lower Upper

43 100

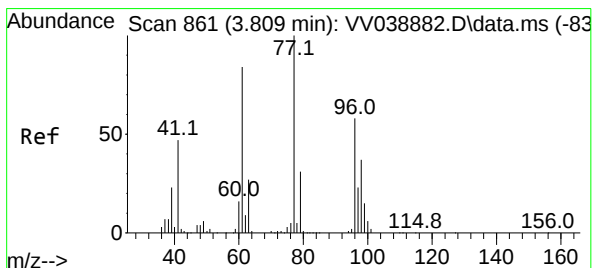
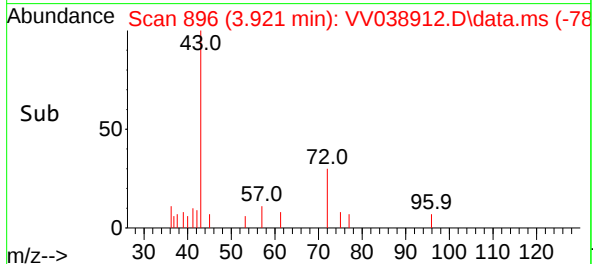
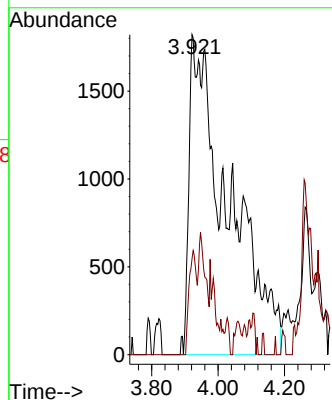
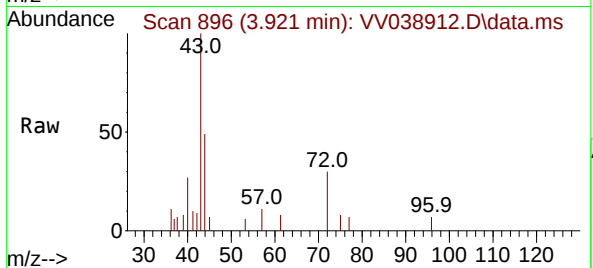
72 30.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#26

2,2-Dichloropropane

Concen: 0.448 ug/l

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV038912.D

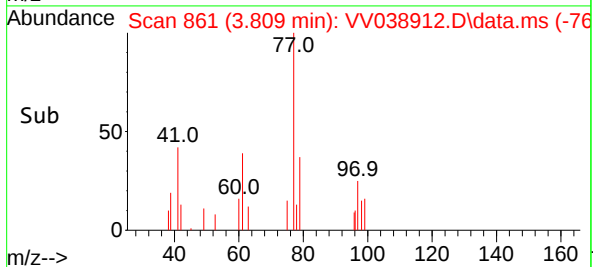
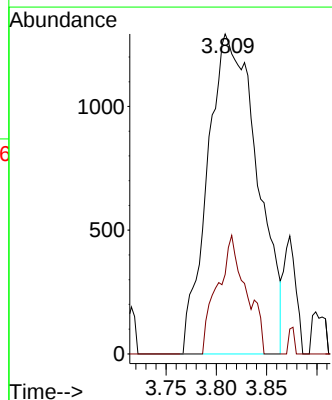
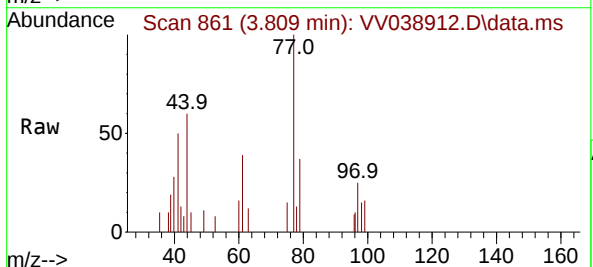
Acq: 16 Jul 2025 16:47

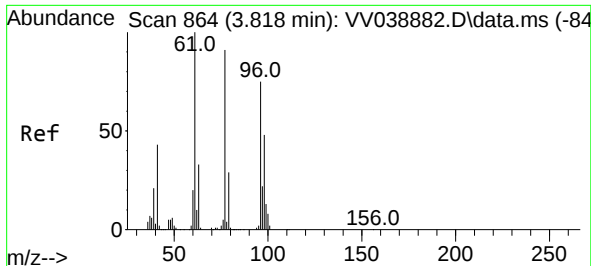
Tgt Ion: 77 Resp: 4451

Ion Ratio Lower Upper

77 100

97 21.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 0.433 ug/l

RT: 3.844 min Scan# 81

Delta R.T. 0.026 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

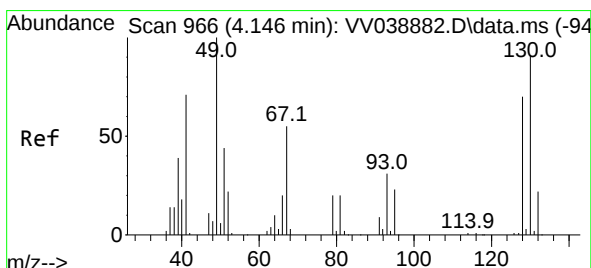
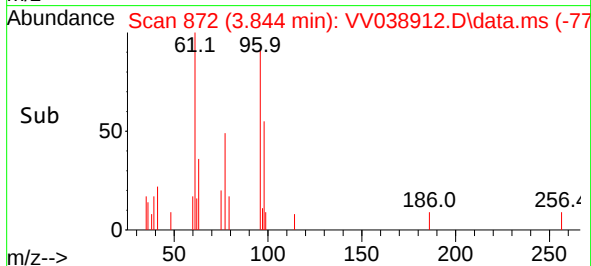
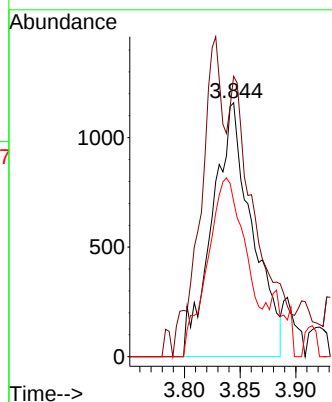
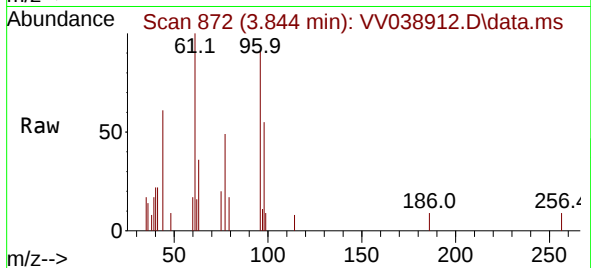
Tgt Ion: 96 Resp: 288

Ion	Ratio	Lower	Upper
96	100		
61	74.9	0.0	275.0
98	68.1	0.0	130.0

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 0.606 ug/l

RT: 4.159 min Scan# 970

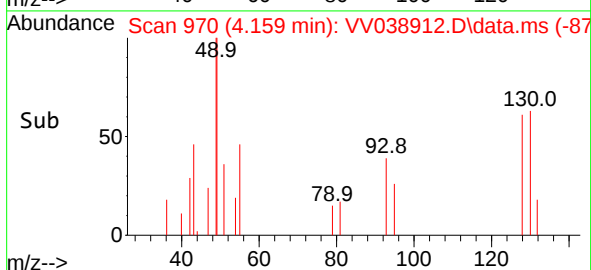
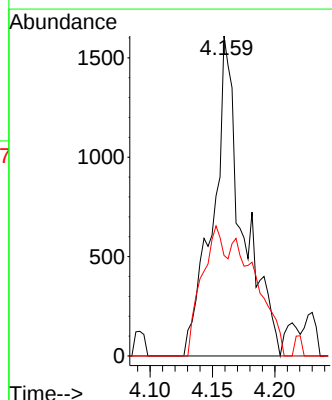
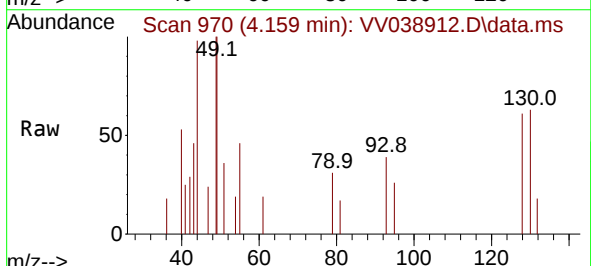
Delta R.T. 0.013 min

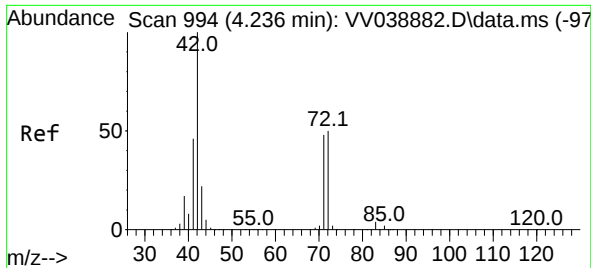
Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Tgt Ion: 49 Resp: 2662

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	33.4	70.1	105.1





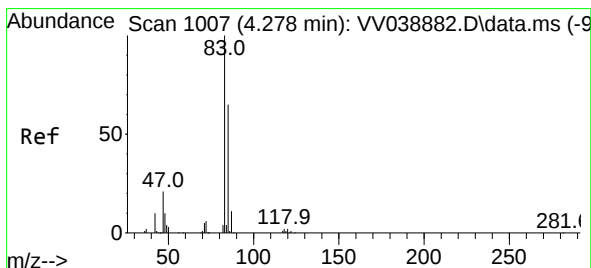
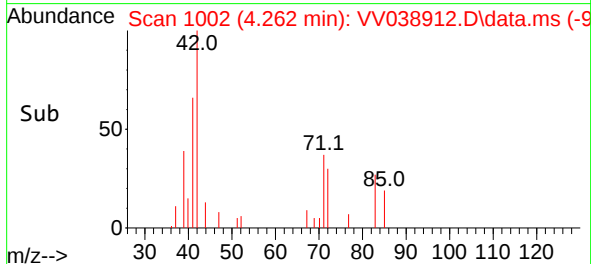
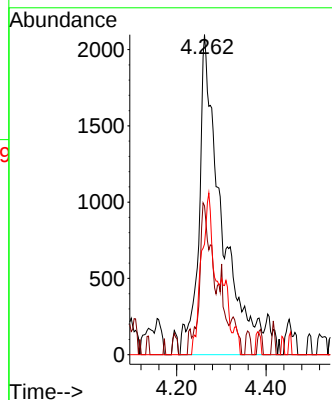
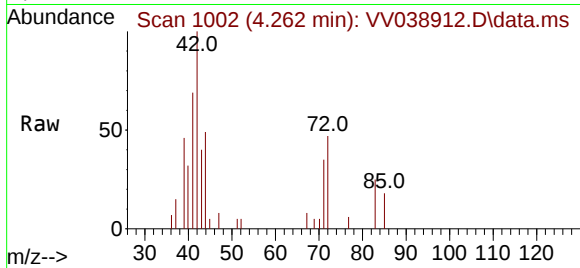
#29
Tetrahydrofuran
Concen: 2.940 ug/l m
RT: 4.262 min Scan# 1002
Delta R.T. 0.026 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 42 Resp: 7634
Ion Ratio Lower Upper
42 100
72 19.4 41.6 62.4
71 27.3 38.4 57.6

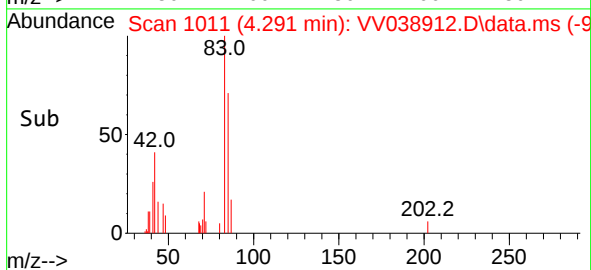
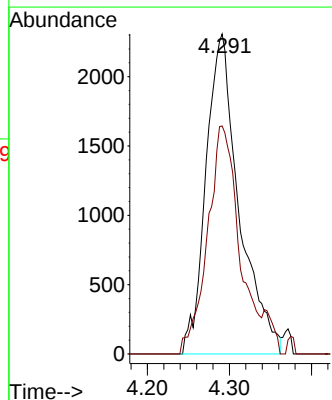
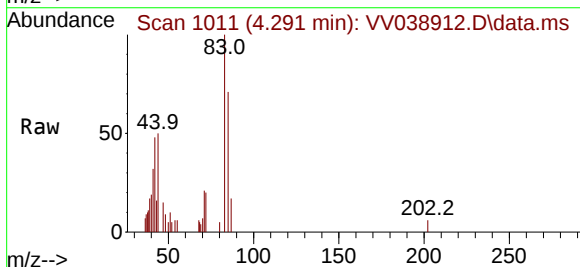
Manual Integrations
APPROVED

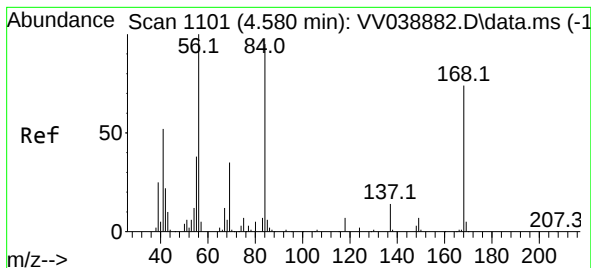
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Chloroform
Concen: 0.518 ug/l
RT: 4.291 min Scan# 1011
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 83 Resp: 6483
Ion Ratio Lower Upper
83 100
85 71.3 52.2 78.4





#31

Cyclohexane

Concen: 1.955 ug/l

RT: 4.597 min Scan# 1106

Delta R.T. 0.016 min

Lab File: VV038912.D

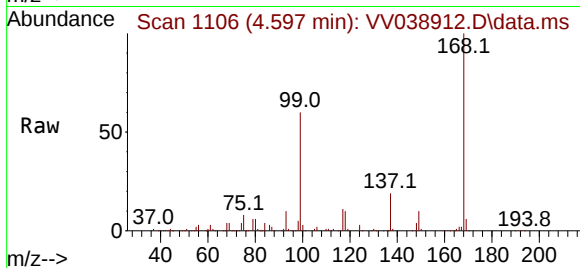
Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

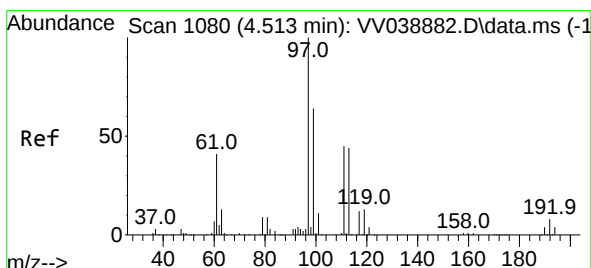
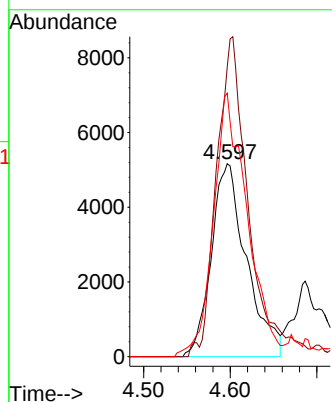
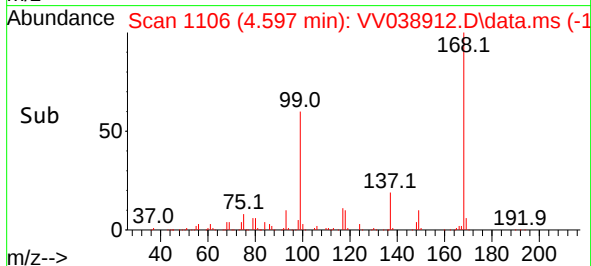


Tgt Ion:	56	Resp:	14560
Ion Ratio	100	Lower	Upper
56	100		
69	150.3	28.2	42.2
84	134.0	76.0	114.0

Manual Integrations

APPROVED

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



#32

1,1,1-Trichloroethane

Concen: 0.478 ug/l

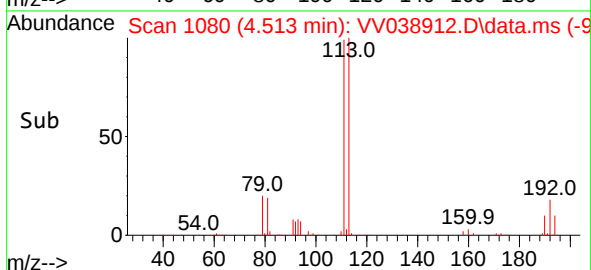
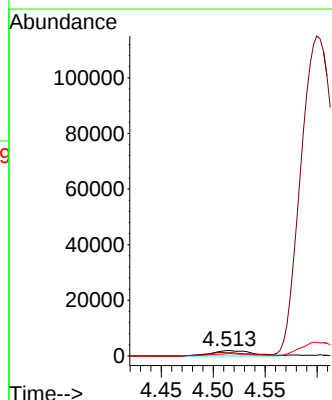
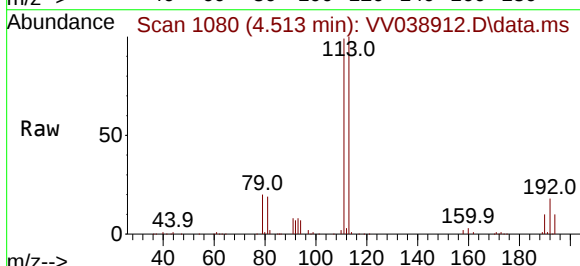
RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Tgt Ion:	97	Resp:	5218
Ion Ratio	100	Lower	Upper
97	100		
99	0.0	50.1	75.1
61	42.3	32.6	49.0





#33

1,2-Dichloroethane-d4

Concen: 57.797 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 65 Resp: 36713

Ion Ratio Lower Upper

65 100

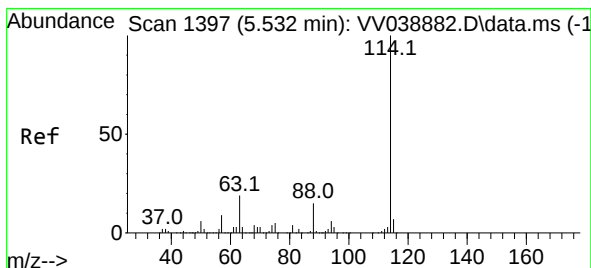
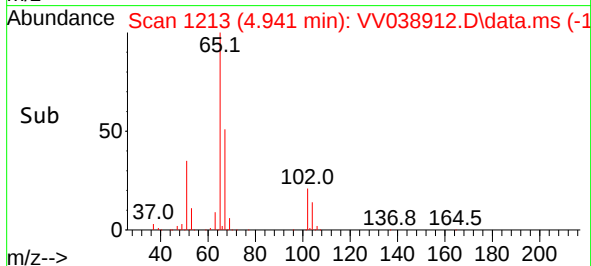
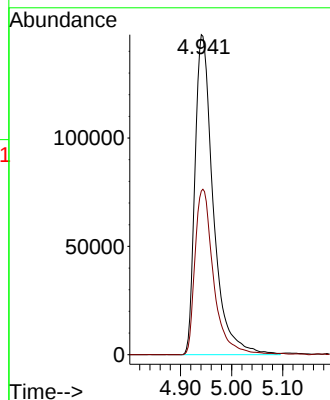
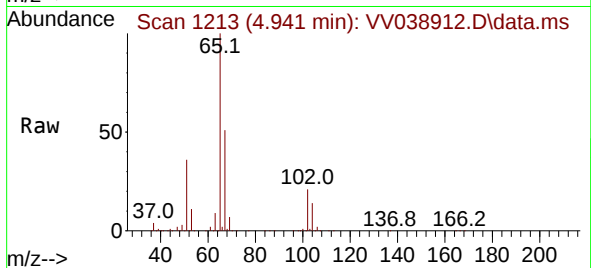
67 52.6 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

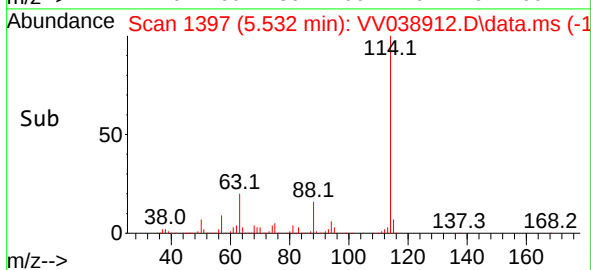
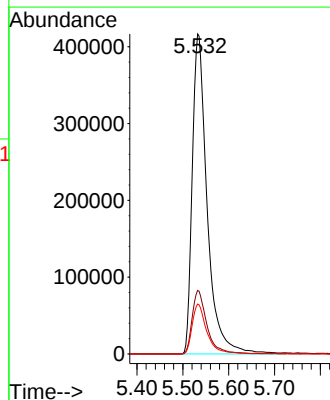
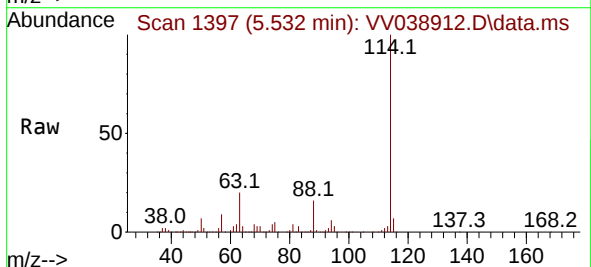
Tgt Ion:114 Resp: 939469

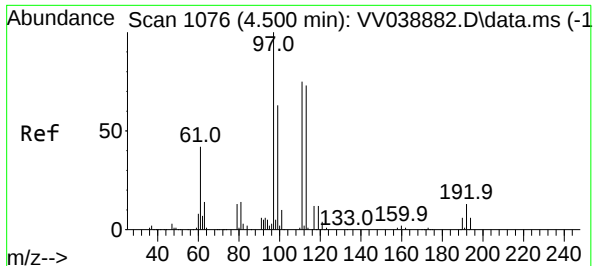
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.2

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.974 ug/l

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:113 Resp: 30729

Ion Ratio Lower Upper

113 100

111 100.8 83.3 124.9

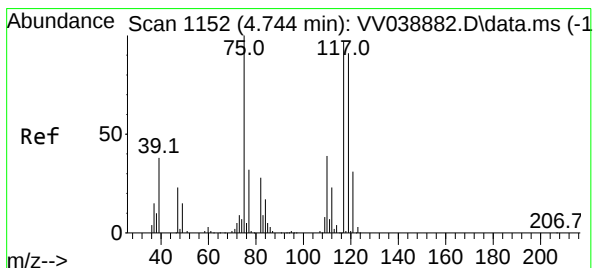
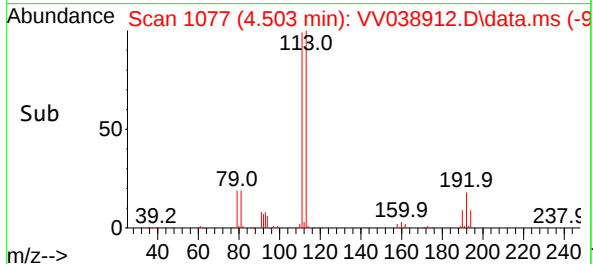
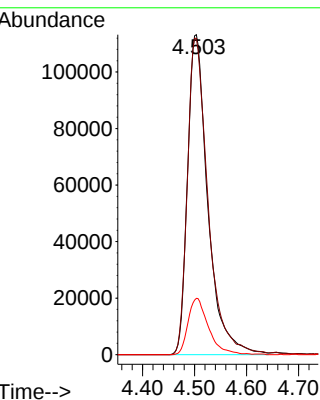
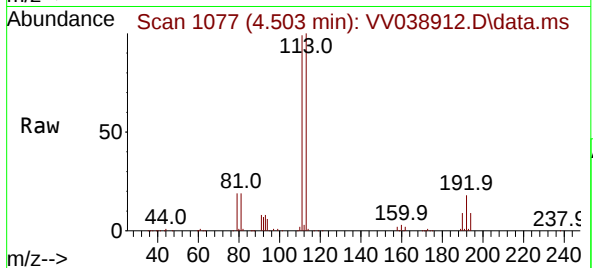
192 17.7 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#36

1,1-Dichloropropene

Concen: 0.677 ug/l m

RT: 4.757 min Scan# 1156

Delta R.T. 0.013 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

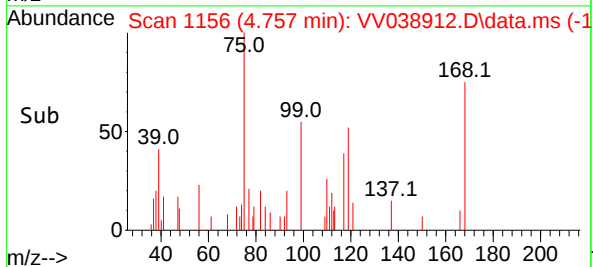
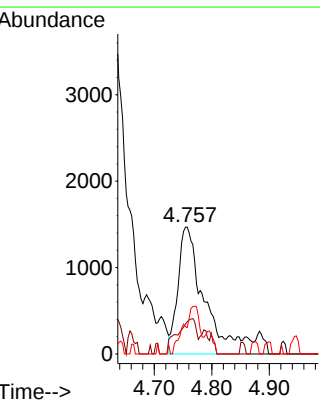
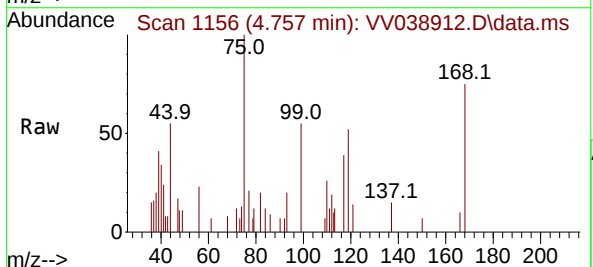
Tgt Ion: 75 Resp: 4984

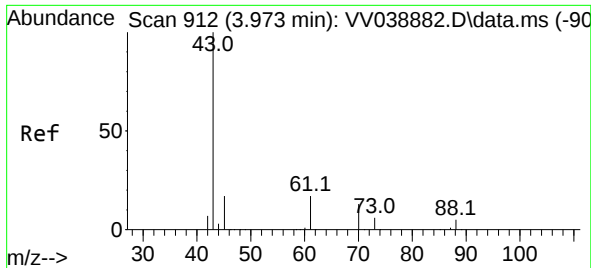
Ion Ratio Lower Upper

75 100

110 18.7 18.8 56.3#

77 21.7 24.2 36.4#





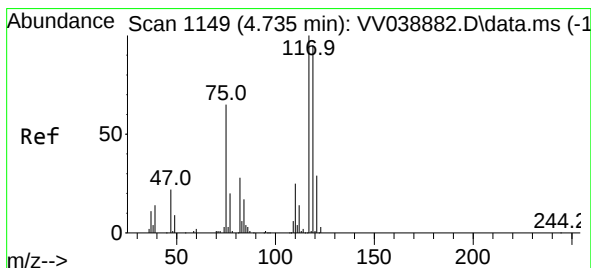
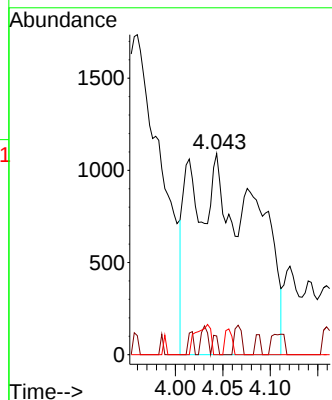
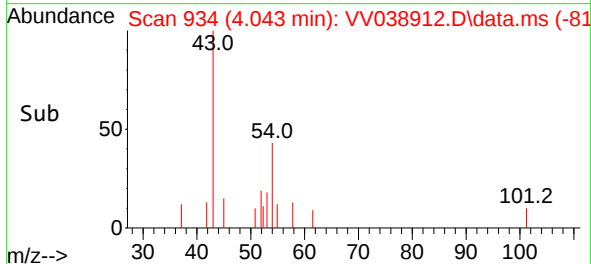
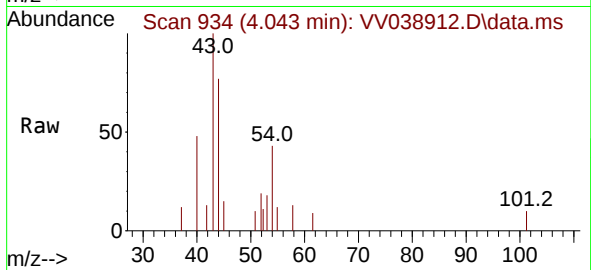
#37
Ethyl Acetate
Concen: 0.578 ug/l m
RT: 4.043 min Scan# 912
Delta R.T. 0.071 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 5000
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7
70 0.0 8.9 13.3

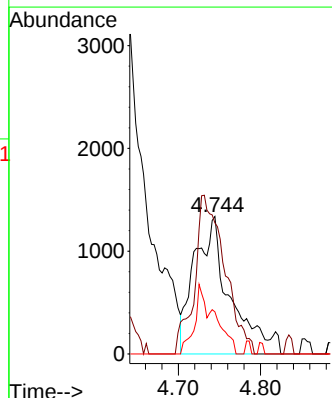
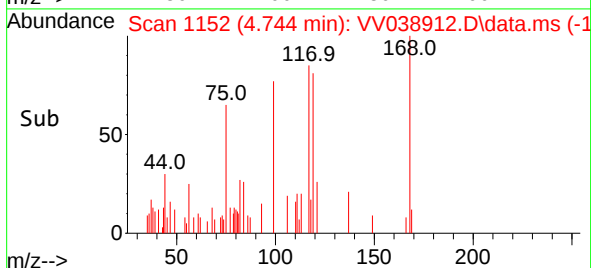
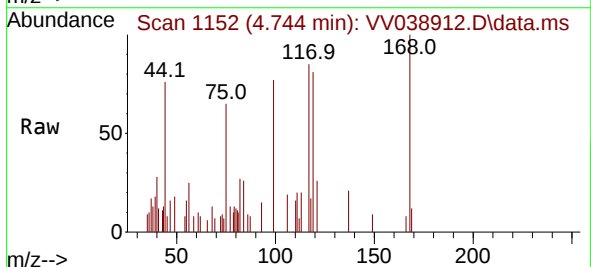
Manual Integrations
APPROVED

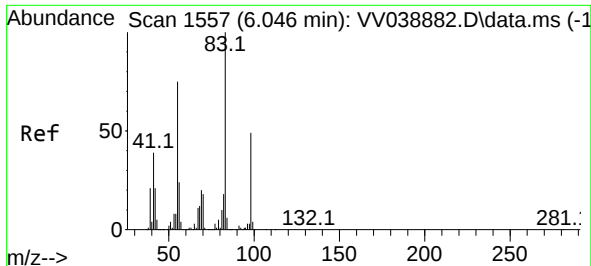
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#38
Carbon Tetrachloride
Concen: 0.415 ug/l m
RT: 4.744 min Scan# 1152
Delta R.T. 0.010 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion:117 Resp: 4060
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0
121 30.6 23.1 34.7





#39

Methylcyclohexane

Concen: 0.427 ug/l

RT: 6.053 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038912.D

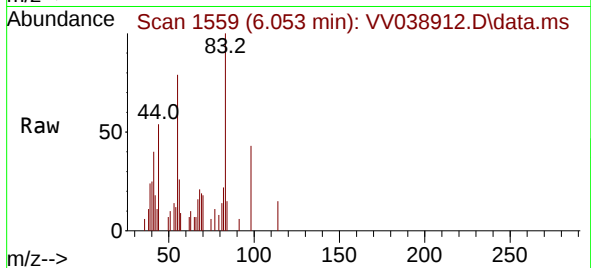
Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

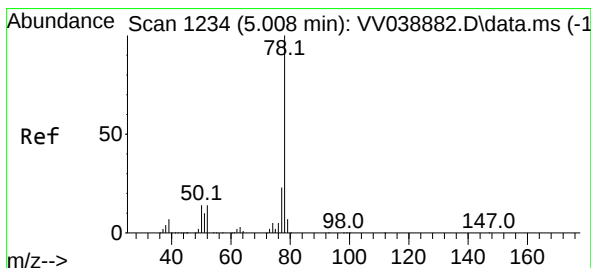
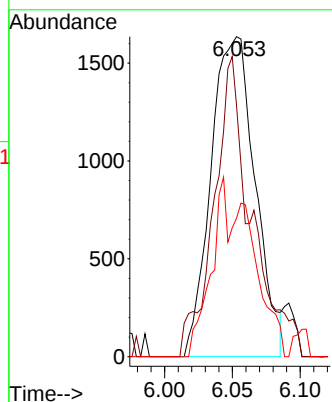


Tgt Ion:	83	Resp:	3700
Ion	Ratio	Lower	Upper
83	100		
55	78.5	60.0	90.0
98	43.2	39.0	58.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 0.431 ug/l

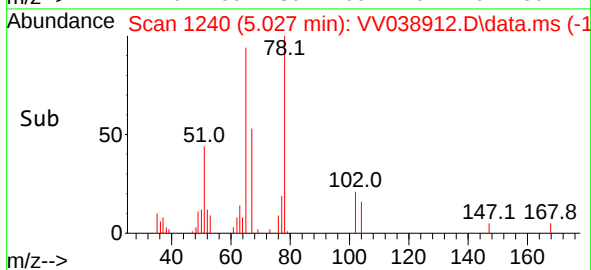
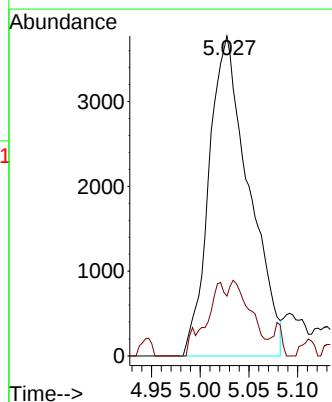
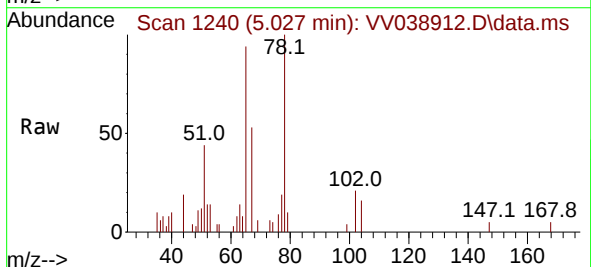
RT: 5.027 min Scan# 1240

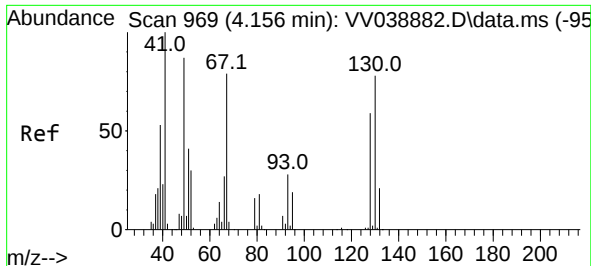
Delta R.T. 0.019 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

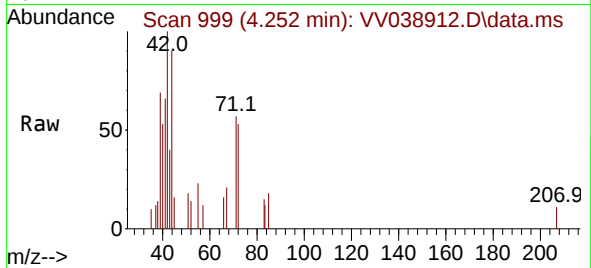
Tgt Ion:	78	Resp:	10757
Ion	Ratio	Lower	Upper
78	100		
77	18.7	18.6	28.0





#41
Methacrylonitrile
Concen: 0.388 ug/l m
RT: 4.252 min Scan# 91
Delta R.T. 0.097 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

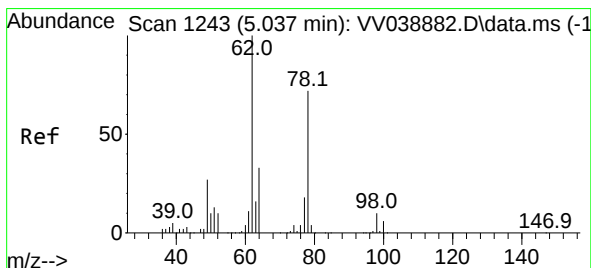
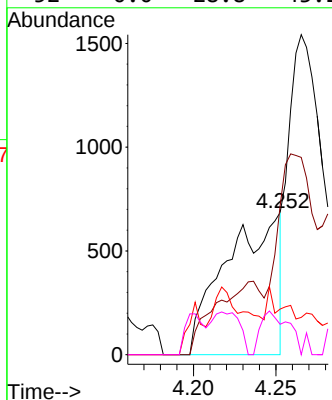
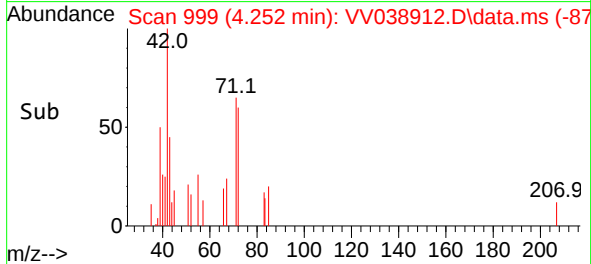
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 41 Resp: 1544
Ion Ratio Lower Upper
41 100
39 6.2 42.0 63.0
67 0.0 76.2 114.2
52 0.0 28.8 43.2

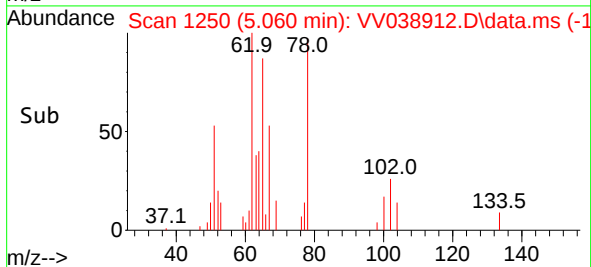
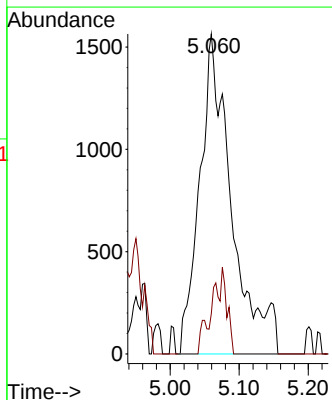
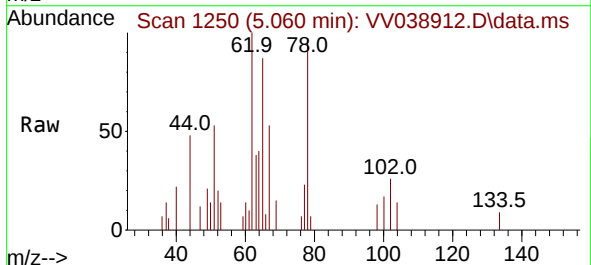
Manual Integrations
APPROVED

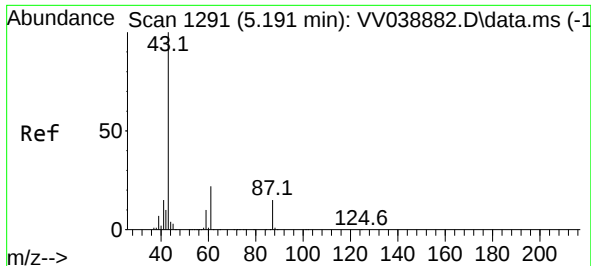
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#42
1,2-Dichloroethane
Concen: 0.526 ug/l m
RT: 5.060 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 62 Resp: 5007
Ion Ratio Lower Upper
62 100
98 3.1 0.0 18.8





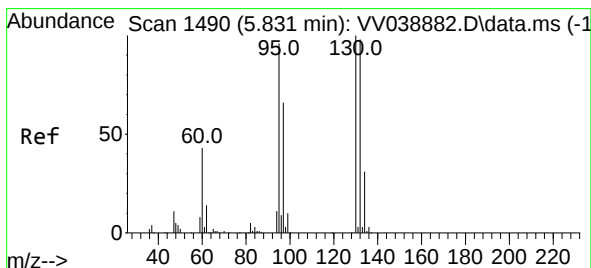
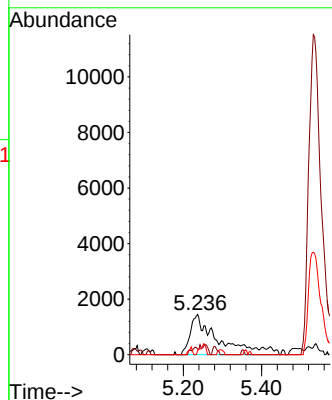
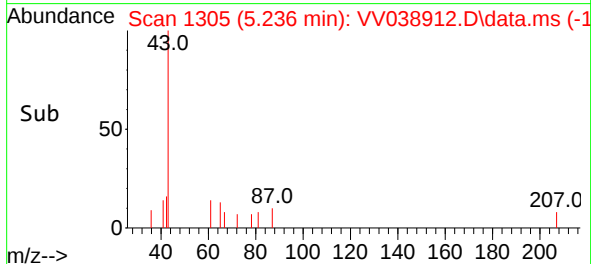
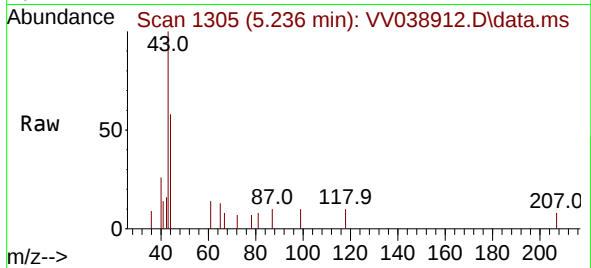
#43
Isopropyl Acetate
Concen: 0.525 ug/l m
RT: 5.236 min Scan# 1305
Delta R.T. 0.045 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument : MSVOA_V
ClientSampleId : MDL05

Tgt Ion: 43 Resp: 7190
Ion Ratio Lower Upper
43 100
61 4.7 17.1 25.7
87 2.3 12.2 18.4

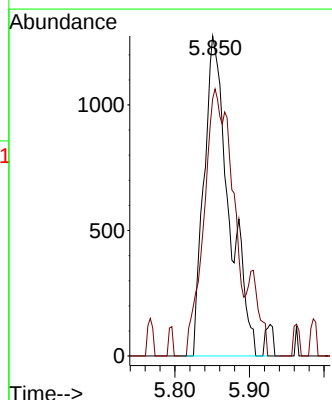
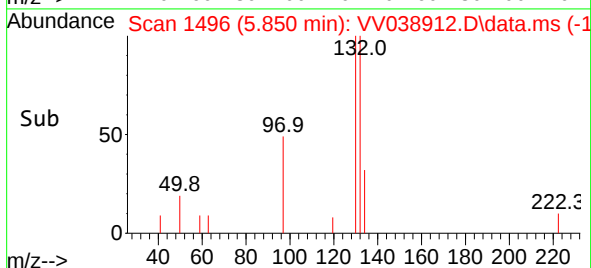
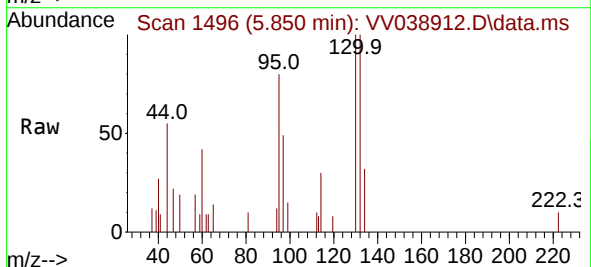
Manual Integrations
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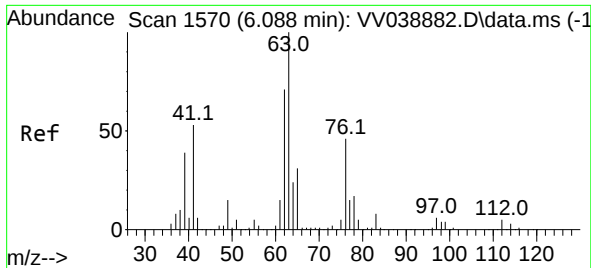
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#44
Trichloroethene
Concen: 0.467 ug/l m
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion:130 Resp: 3043
Ion Ratio Lower Upper
130 100
95 80.4 0.0 191.2





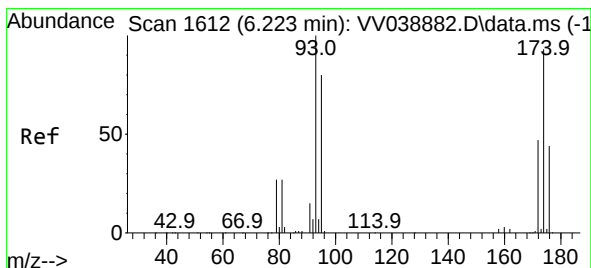
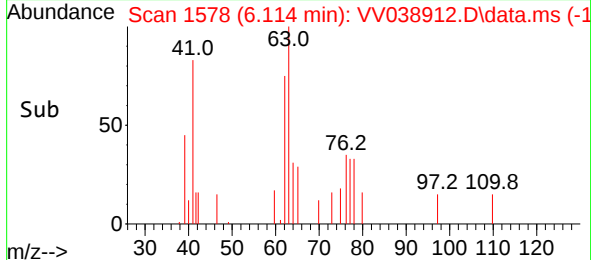
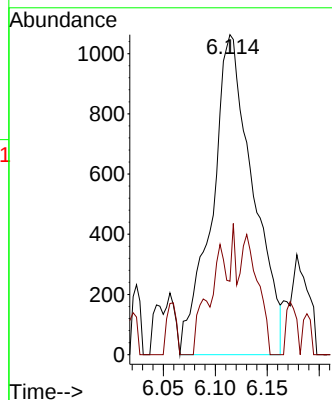
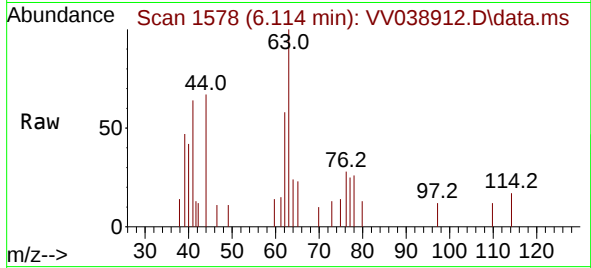
#45
1,2-Dichloropropane
Concen: 0.444 ug/l
RT: 6.114 min Scan# 1578
Delta R.T. 0.026 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 2920
Ion Ratio Lower Upper
63 100
65 23.0 24.9 37.3

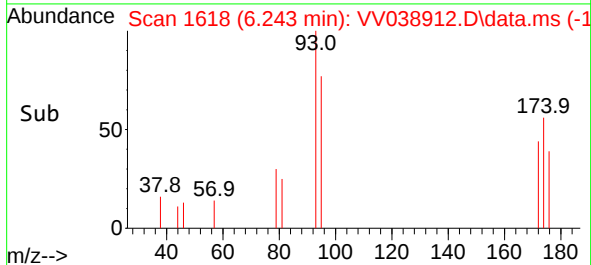
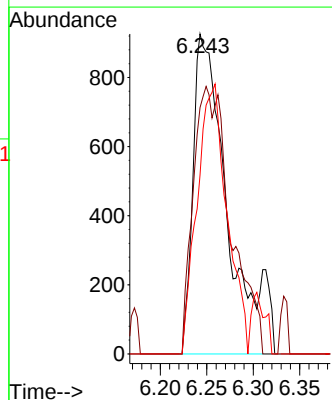
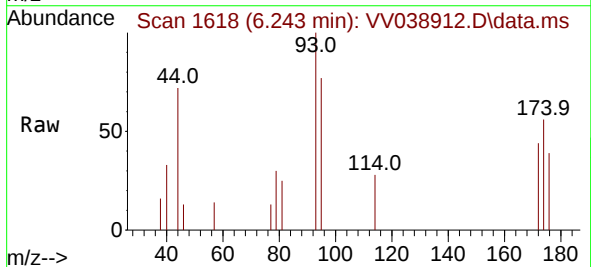
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 0.469 ug/l m
RT: 6.243 min Scan# 1618
Delta R.T. 0.019 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

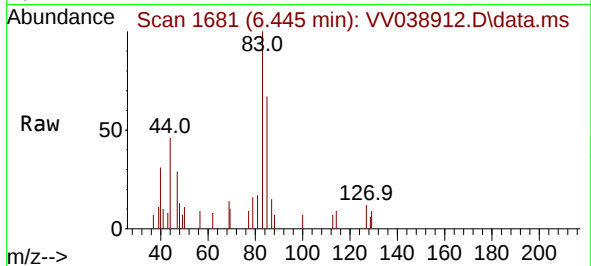
Tgt Ion: 93 Resp: 2391
Ion Ratio Lower Upper
93 100
95 45.8 66.2 99.4#
174 72.9 75.3 112.9#





#47
Bromodichloromethane
Concen: 0.414 ug/l
RT: 6.445 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

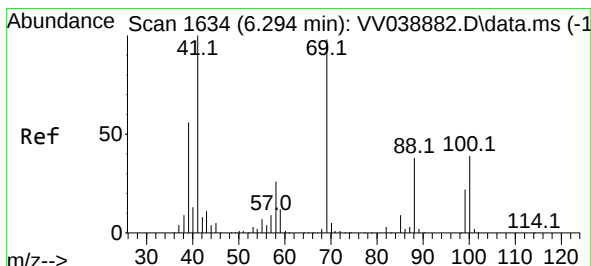
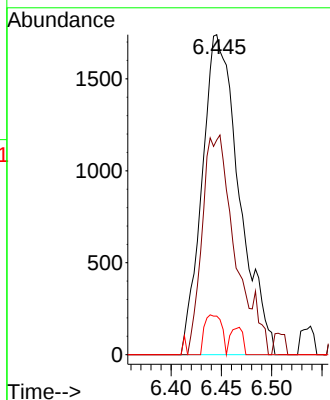
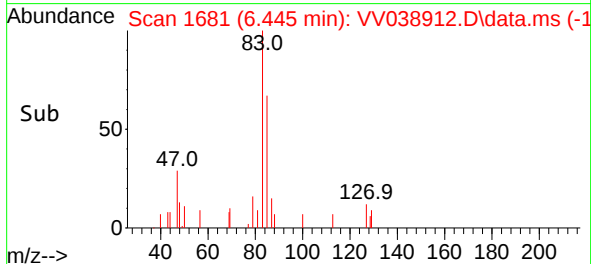
Instrument :
MSVOA_V
ClientSampleId :
MDL05



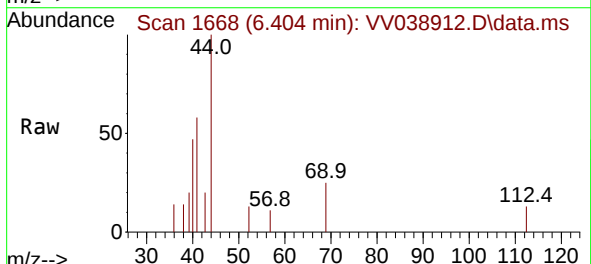
Tgt Ion: 83 Resp: 4484
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.0
127 12.1 6.9 10.3

Manual Integrations
APPROVED

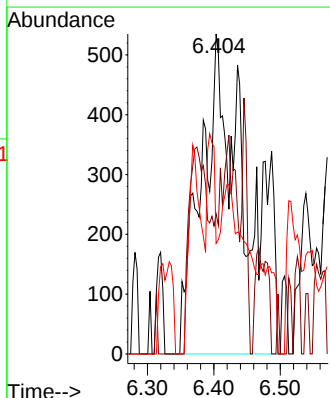
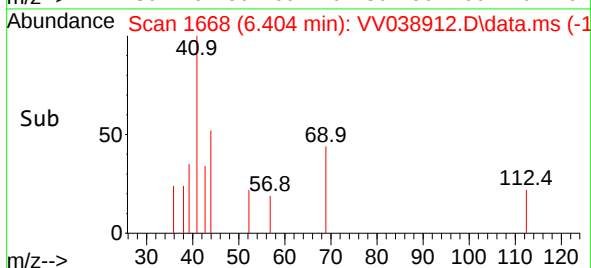
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

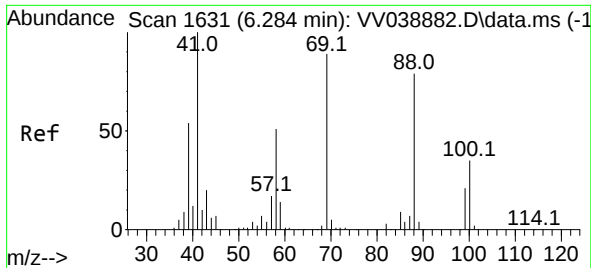


#48
Methyl methacrylate
Concen: 0.416 ug/l m
RT: 6.404 min Scan# 1668
Delta R.T. 0.109 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47



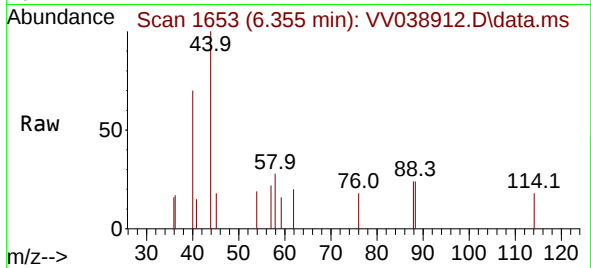
Tgt Ion: 41 Resp: 2473
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 0.0 44.0 66.0#





#49
1,4-Dioxane
Concen: 9.659 ug/l m
RT: 6.355 min Scan# 1
Delta R.T. 0.071 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

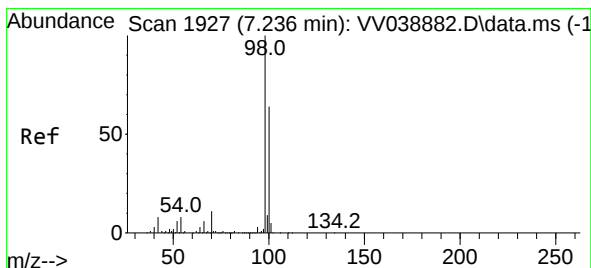
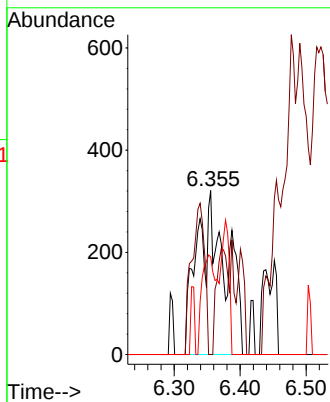
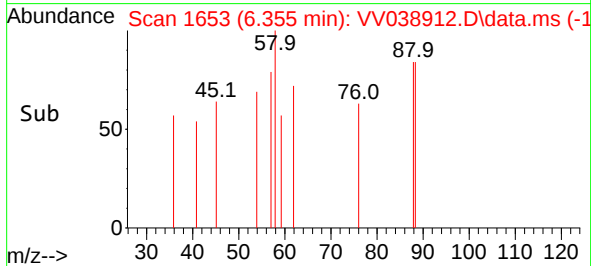
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 88 Resp: 1238
Ion Ratio Lower Upper
88 100
43 0.0 23.0 34.4
58 0.0 53.8 80.6

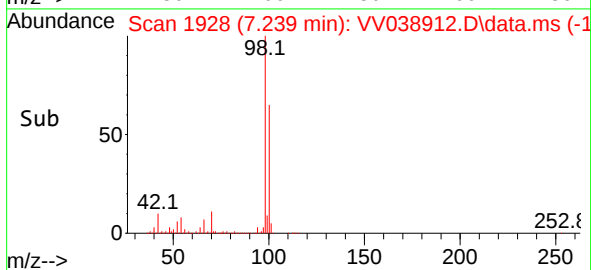
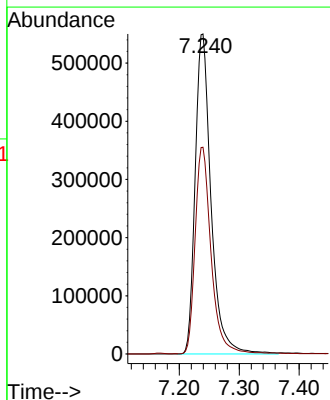
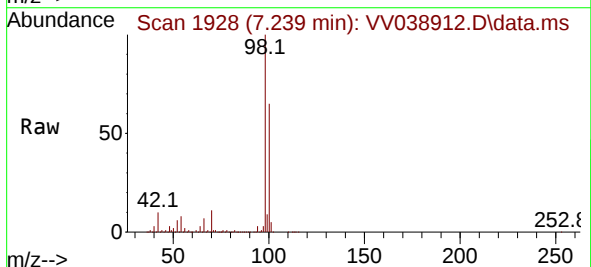
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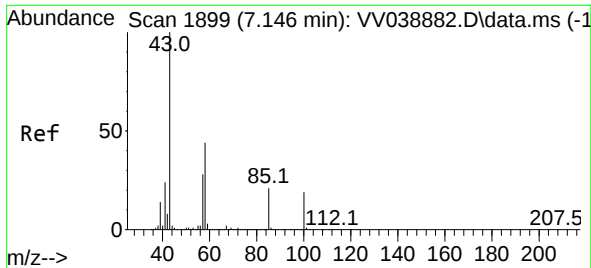
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
Toluene-d8
Concen: 52.399 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 98 Resp: 1014520
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3





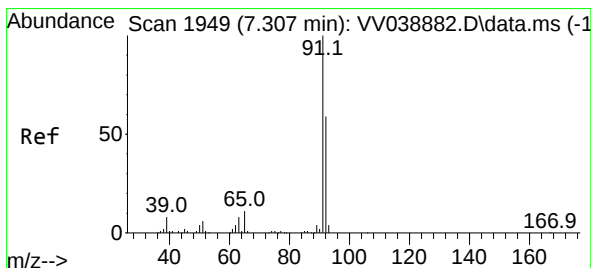
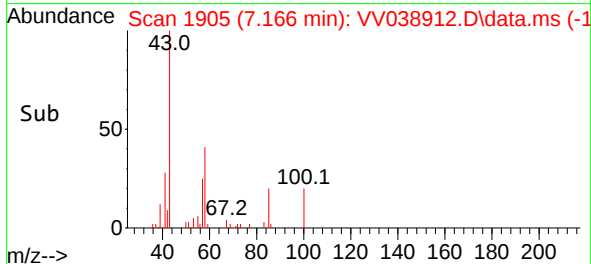
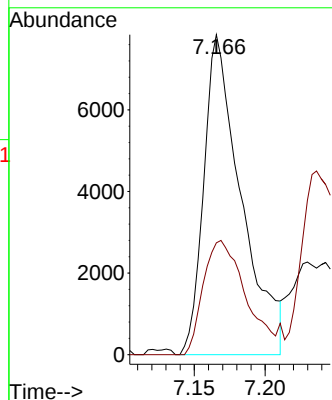
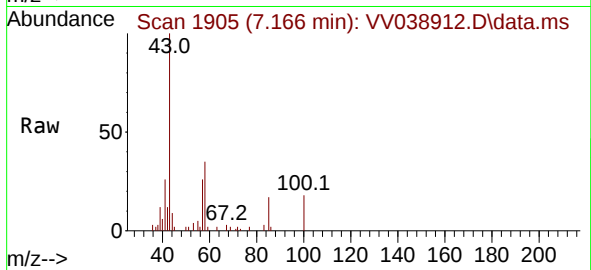
#51
4-Methyl-2-Pentanone
Concen: 1.539 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 40.7 34.5 51.7

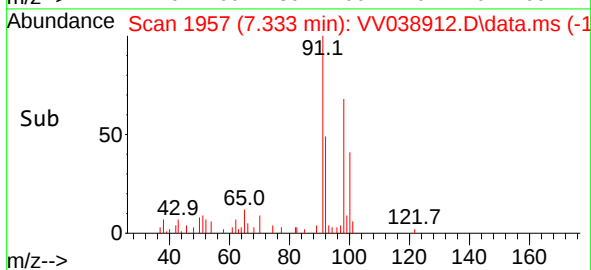
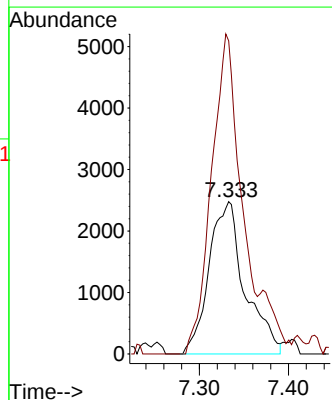
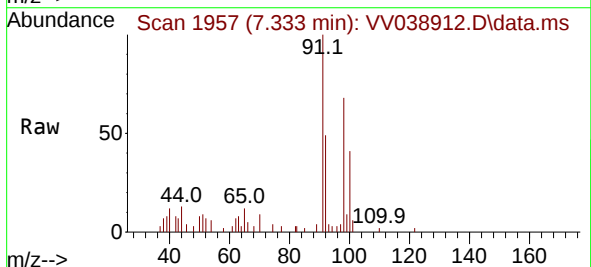
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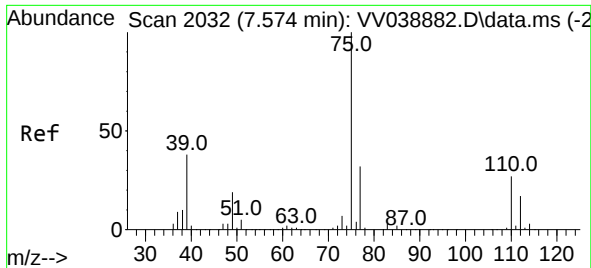
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#52
Toluene
Concen: 0.440 ug/l
RT: 7.333 min Scan# 1957
Delta R.T. 0.026 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 92 Resp: 6921
Ion Ratio Lower Upper
92 100
91 169.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 0.428 ug/l m

RT: 7.622 min Scan# 2032

Delta R.T. 0.048 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 75 Resp: 4194

Ion Ratio Lower Upper

75 100

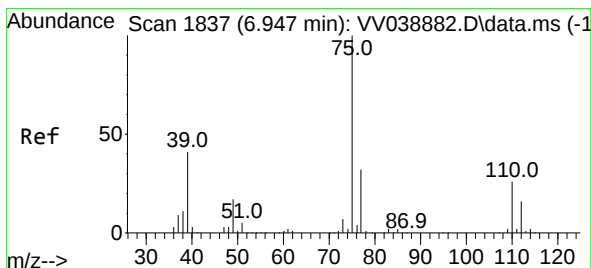
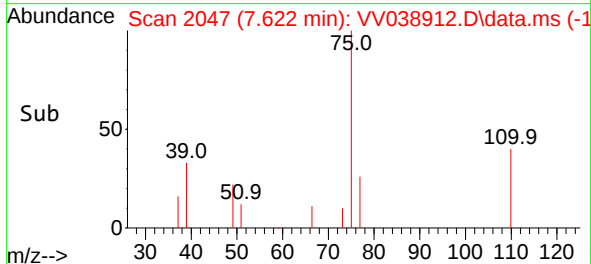
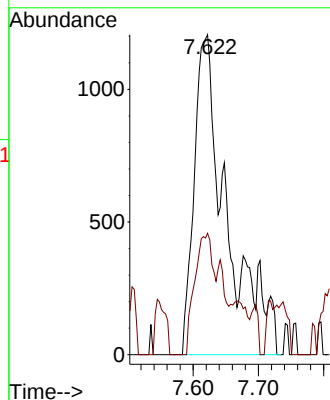
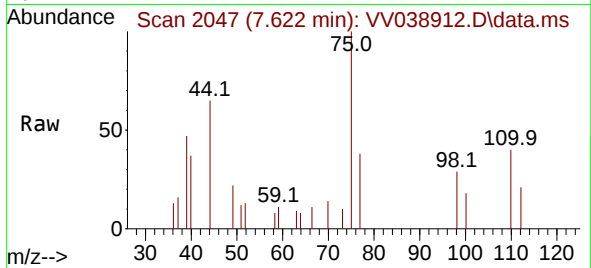
77 38.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#54

cis-1,3-Dichloropropene

Concen: 0.353 ug/l

RT: 6.982 min Scan# 1848

Delta R.T. 0.035 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

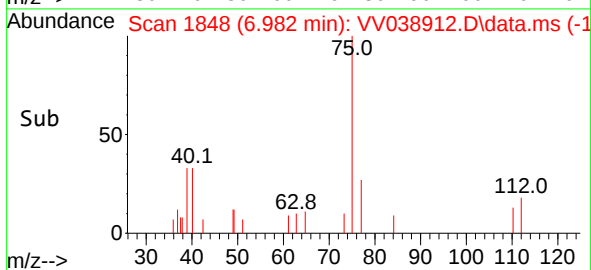
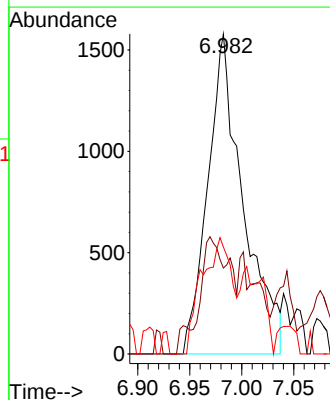
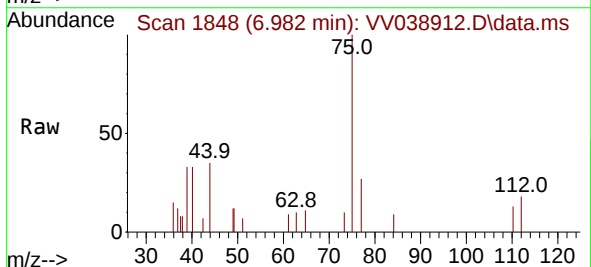
Tgt Ion: 75 Resp: 3737

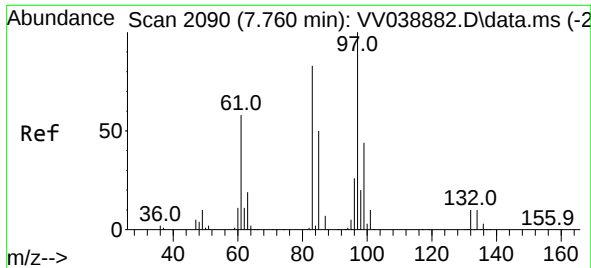
Ion Ratio Lower Upper

75 100

77 19.1 25.5 38.3#

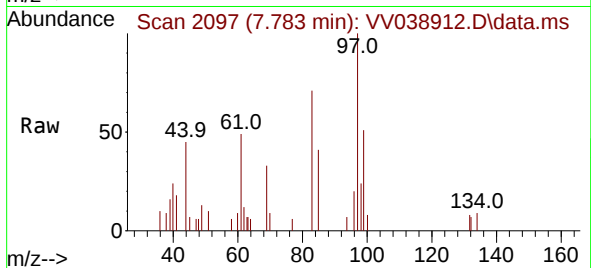
39 33.4 33.1 49.7





#55
 1,1,2-Trichloroethane
 Concen: 0.464 ug/l
 RT: 7.783 min Scan# 2097
 Delta R.T. 0.023 min
 Lab File: VV038912.D
 Acq: 16 Jul 2025 16:47

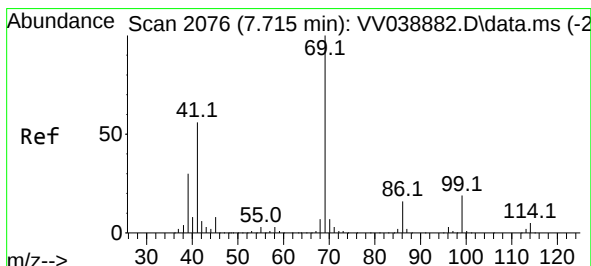
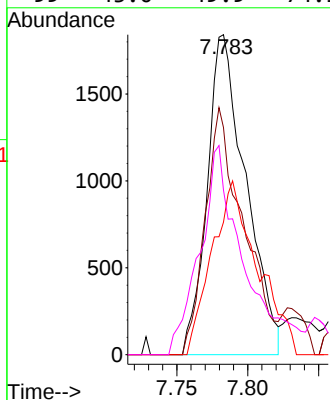
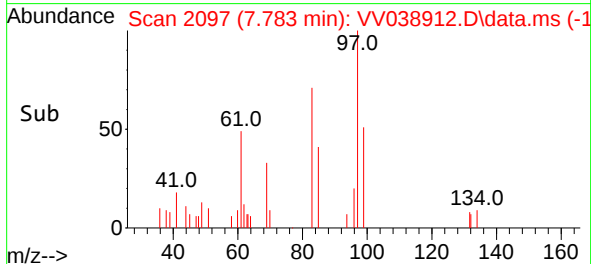
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



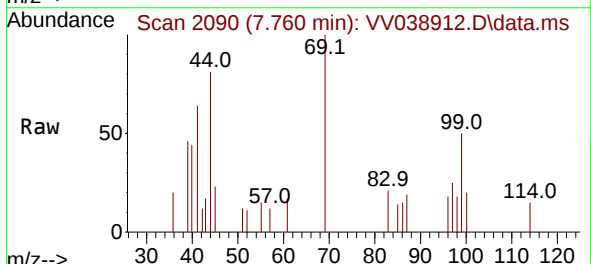
Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.0	66.2	99.4
85	41.4	41.4	62.2
99	43.0	49.9	74.9

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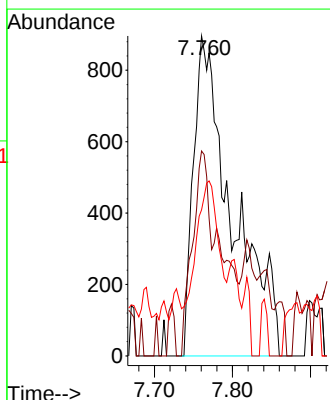
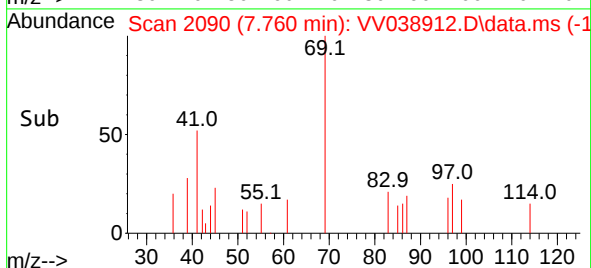
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

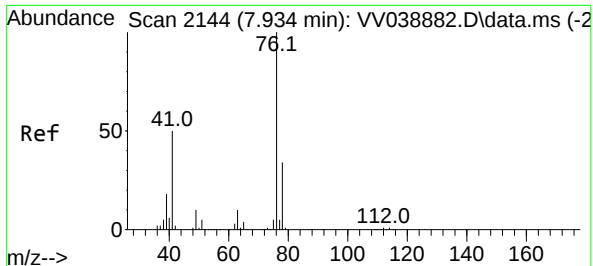


#56
 Ethyl methacrylate
 Concen: 0.346 ug/l m
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.045 min
 Lab File: VV038912.D
 Acq: 16 Jul 2025 16:47



Tgt Ion	Ratio	Lower	Upper
69	100		
41	30.0	45.7	68.5
39	22.9	23.8	35.8





#57

1,3-Dichloropropane

Concen: 0.427 ug/l

RT: 7.957 min Scan# 2151

Delta R.T. 0.023 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 76 Resp: 4810

Ion Ratio Lower Upper

76 100

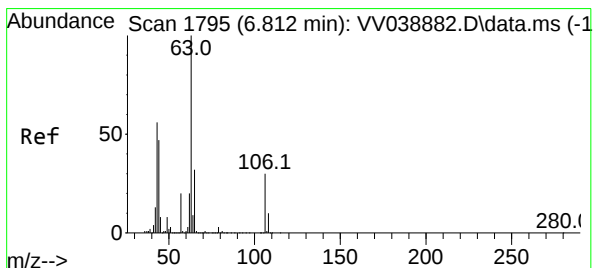
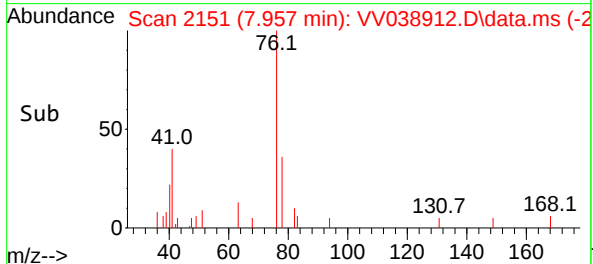
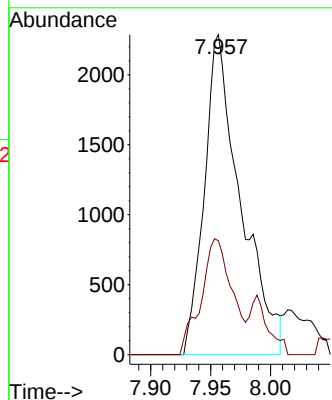
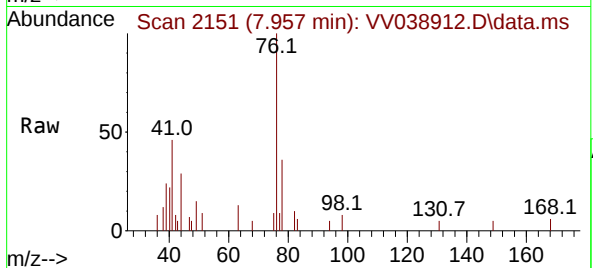
78 31.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 1.284 ug/l m

RT: 6.863 min Scan# 1811

Delta R.T. 0.051 min

Lab File: VV038912.D

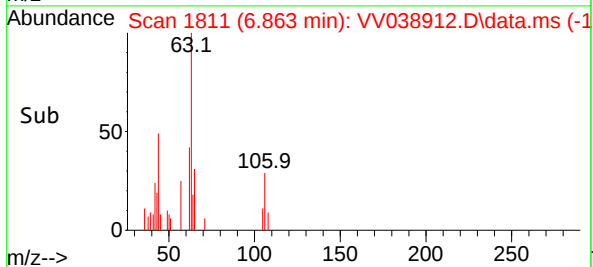
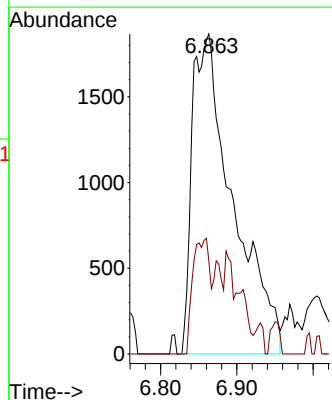
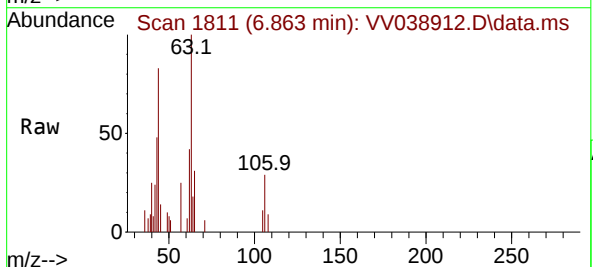
Acq: 16 Jul 2025 16:47

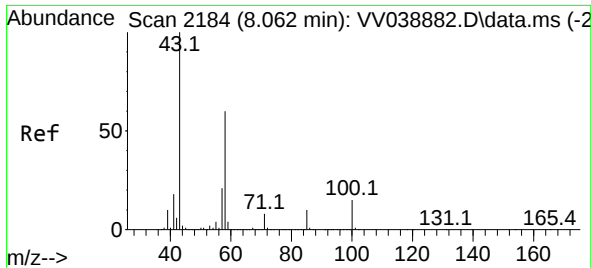
Tgt Ion: 63 Resp: 6917

Ion Ratio Lower Upper

63 100

106 15.0 24.1 36.1#





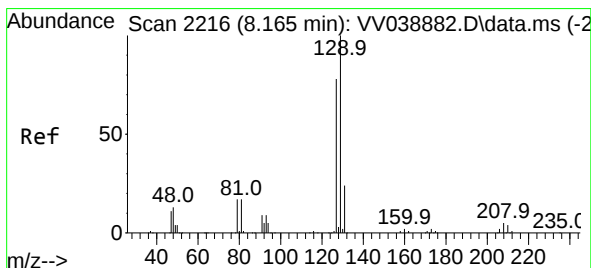
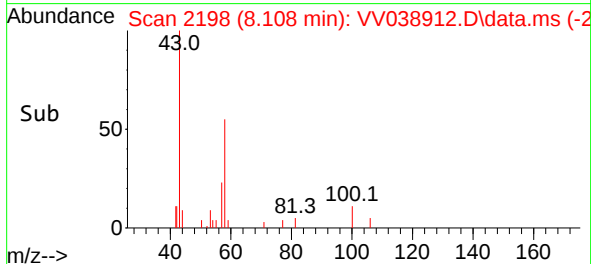
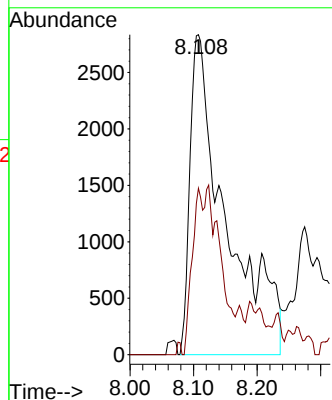
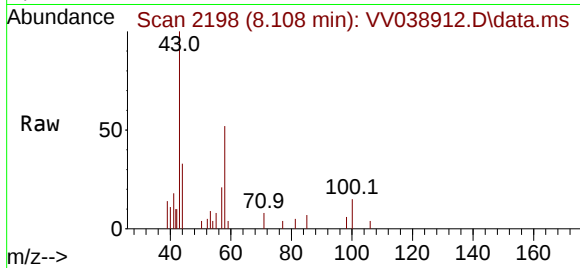
#59
2-Hexanone
Concen: 1.606 ug/l m
RT: 8.108 min Scan# 2115
Delta R.T. 0.046 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 15.2 29.6 88.8

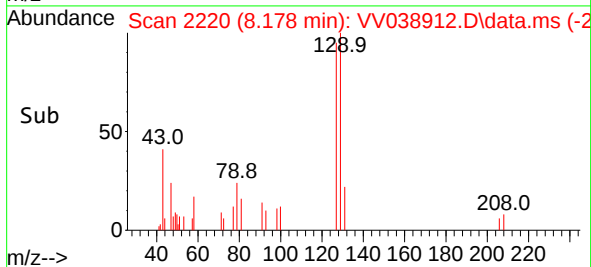
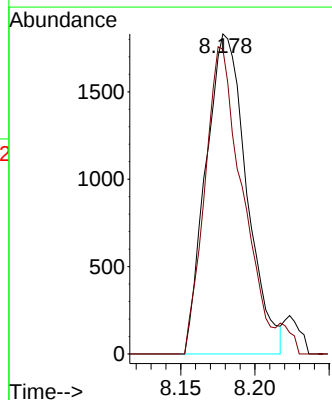
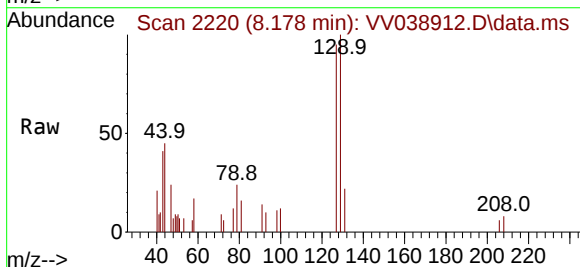
Manual Integrations
APPROVED

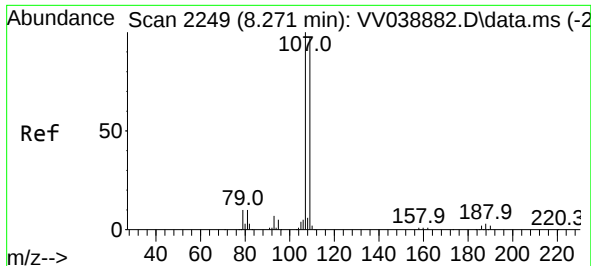
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#60
Dibromochloromethane
Concen: 0.395 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion:129 Resp: 3492
Ion Ratio Lower Upper
129 100
127 88.2 39.4 118.2





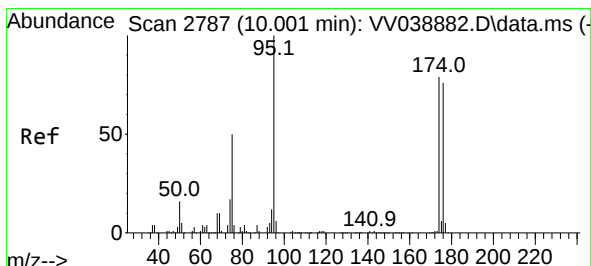
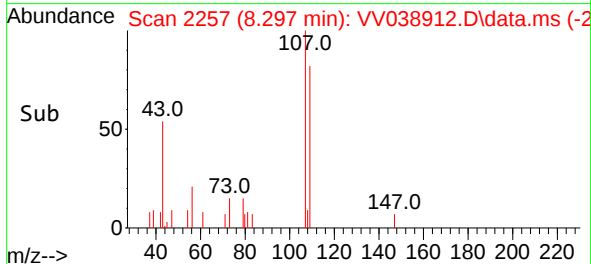
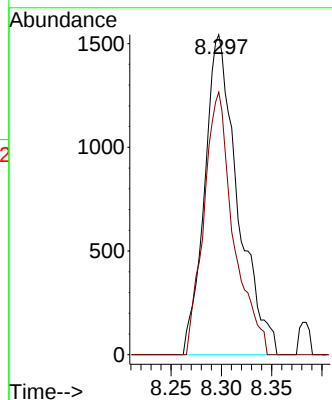
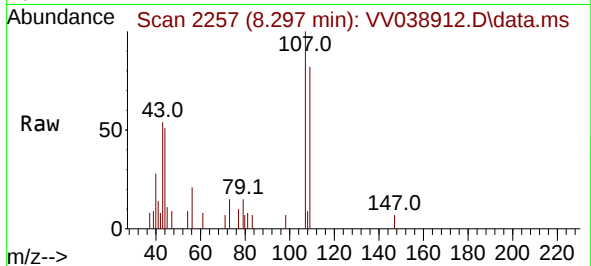
#61
1,2-Dibromoethane
Concen: 0.467 ug/l
RT: 8.297 min Scan# 211
Delta R.T. 0.026 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:107 Resp: 353
Ion Ratio Lower Upper
107 100
109 73.5 77.1 115.7

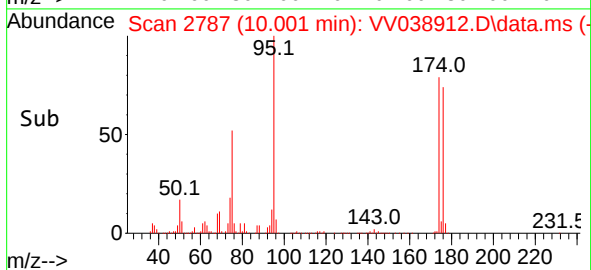
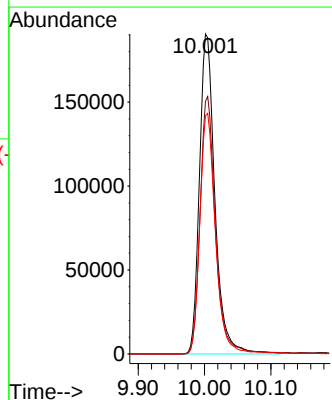
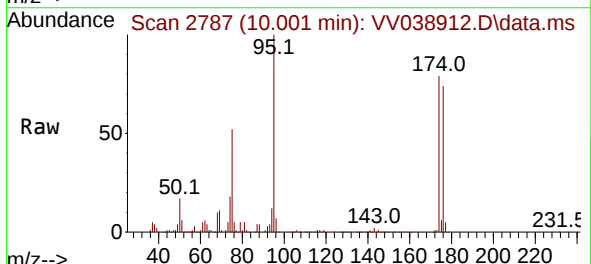
Manual Integrations
APPROVED

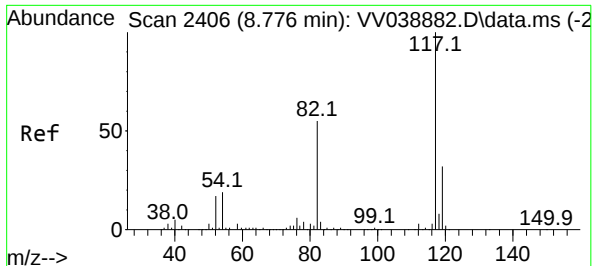
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
4-Bromofluorobenzene
Concen: 39.708 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

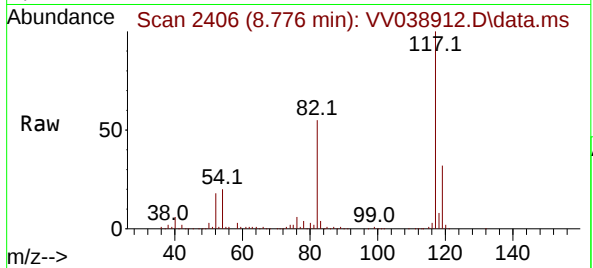
Tgt Ion: 95 Resp: 309703
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 75.9 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

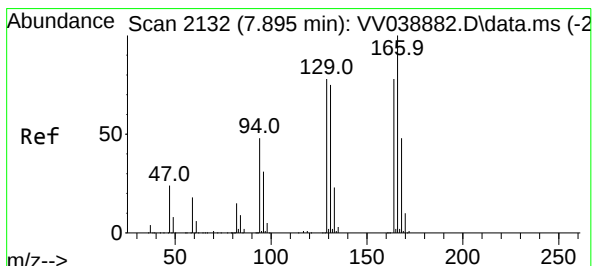
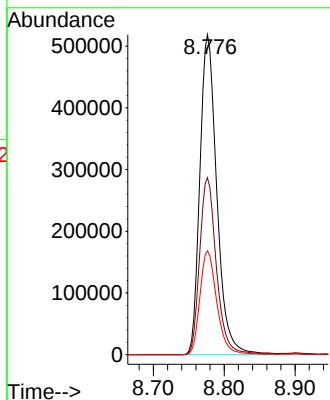
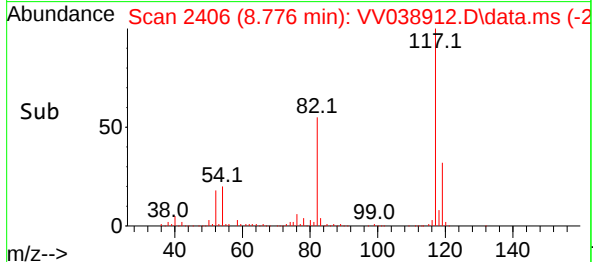
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:117 Resp: 86350
Ion Ratio Lower Upper
117 100
82 55.3 43.7 65.5
119 32.4 25.4 38.0

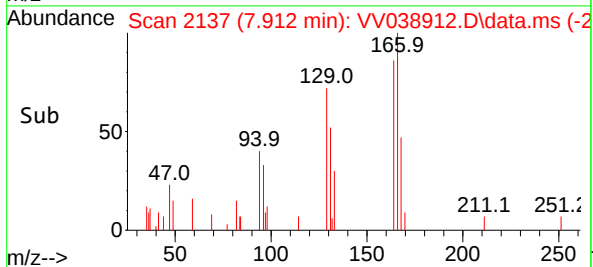
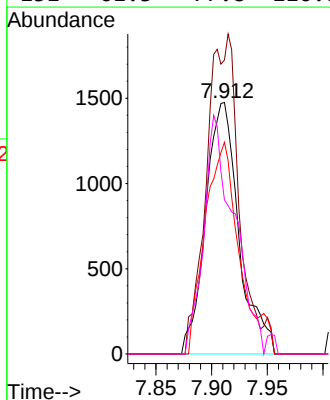
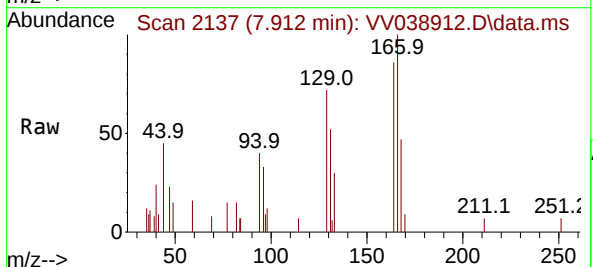
Manual Integrations
APPROVED

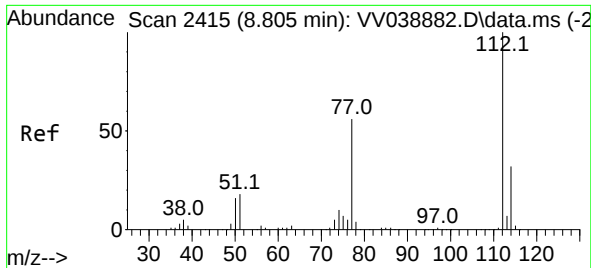
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64
Tetrachloroethene
Concen: 0.541 ug/l
RT: 7.912 min Scan# 2137
Delta R.T. 0.016 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

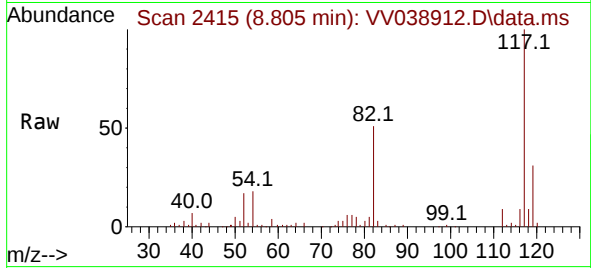
Tgt Ion:164 Resp: 3065
Ion Ratio Lower Upper
164 100
166 116.9 103.2 154.8
129 84.2 81.0 121.4
131 61.3 77.8 116.8#





#65
Chlorobenzene
Concen: 0.473 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

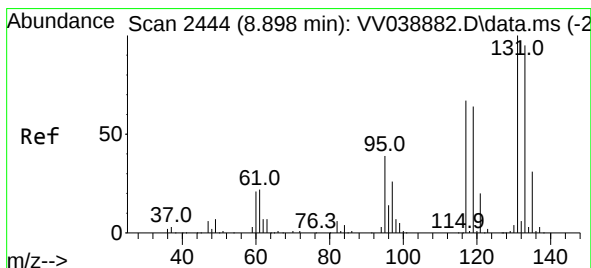
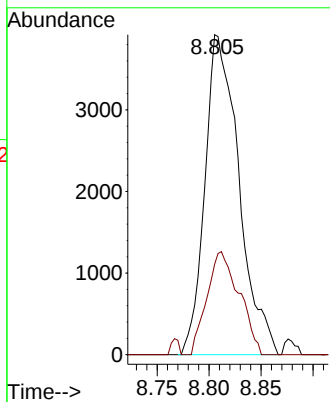
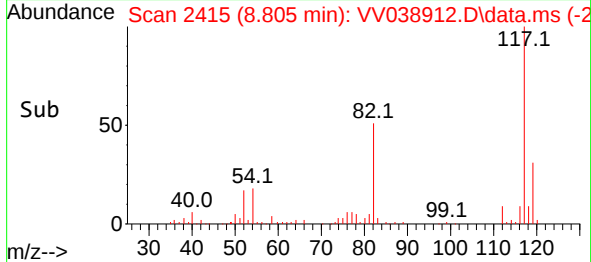
Instrument :
MSVOA_V
ClientSampleId :
MDL05



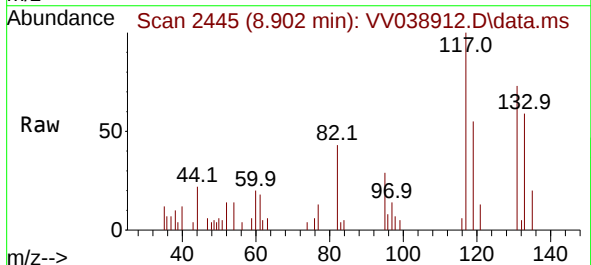
Tgt Ion:112 Resp: 8929
Ion Ratio Lower Upper
112 100
114 28.3 25.3 37.9

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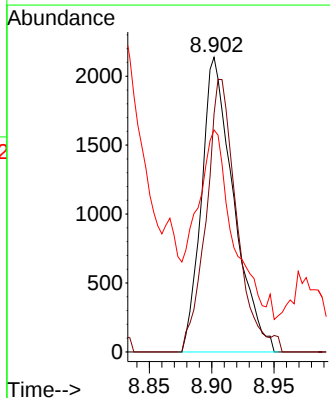
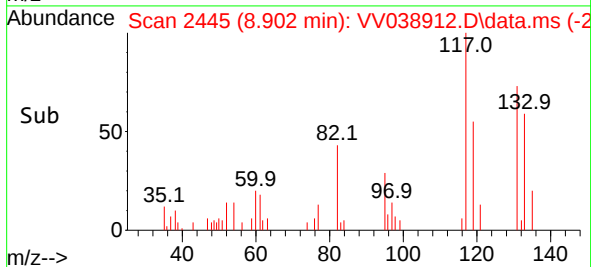
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

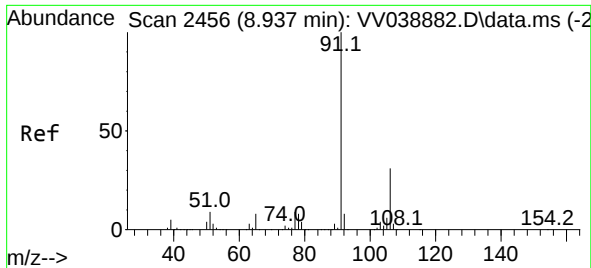


#66
1,1,1,2-Tetrachloroethane
Concen: 0.508 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47



Tgt Ion:131 Resp: 3824
Ion Ratio Lower Upper
131 100
133 88.5 47.6 142.9
119 0.0 32.0 96.2#





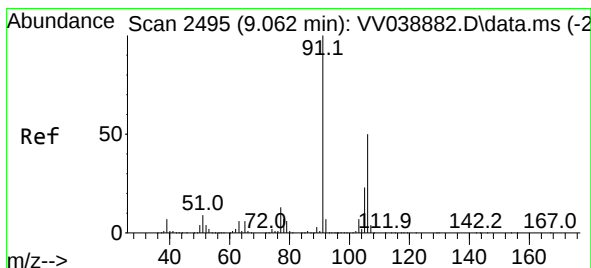
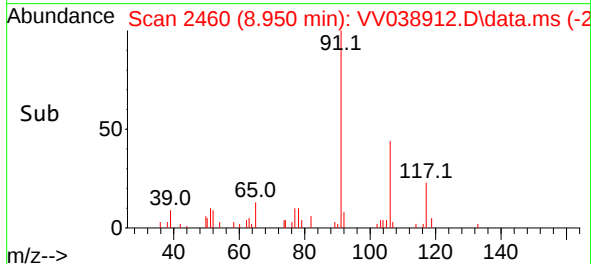
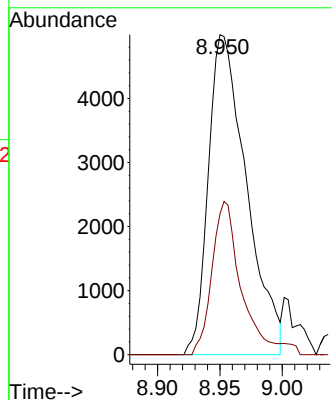
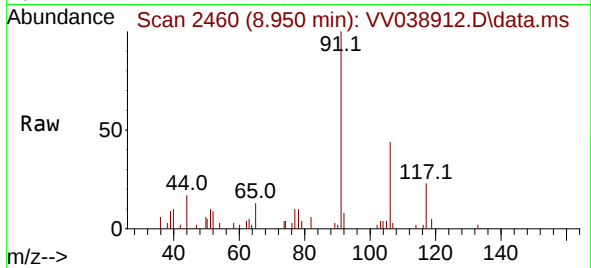
#67
Ethyl Benzene
Concen: 0.379 ug/l
RT: 8.950 min Scan# 2456
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 1062
Ion Ratio Lower Upper
91 100
106 44.1 24.8 37.2

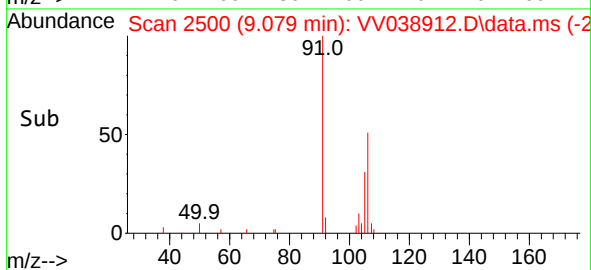
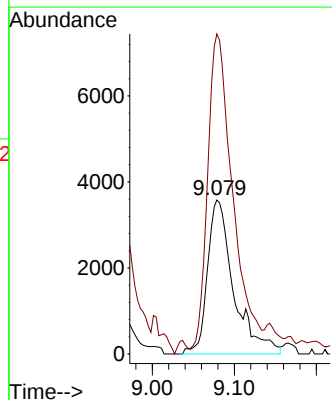
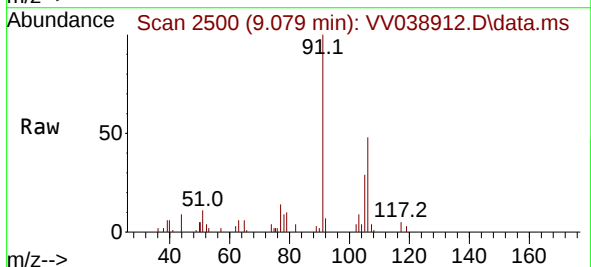
Manual Integrations
APPROVED

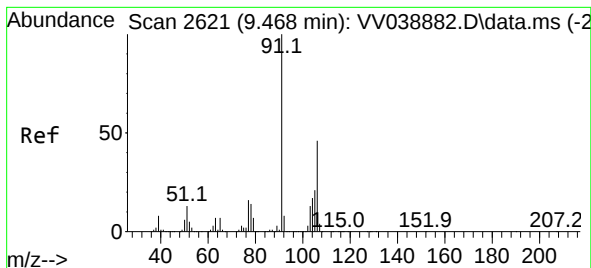
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#68
m/p-Xylenes
Concen: 0.731 ug/l
RT: 9.079 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion:106 Resp: 7979
Ion Ratio Lower Upper
106 100
91 190.6 161.0 241.6





#69

o-Xylene

Concen: 0.358 ug/l

RT: 9.481 min Scan# 2625

Delta R.T. 0.013 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:106 Resp: 3690

Ion Ratio Lower Upper

106 100

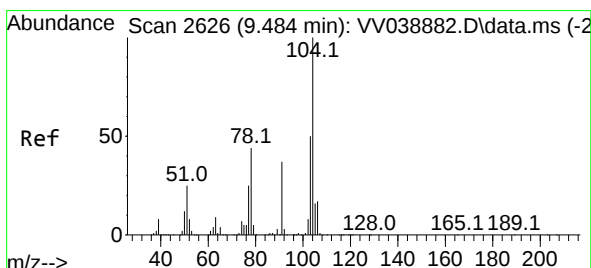
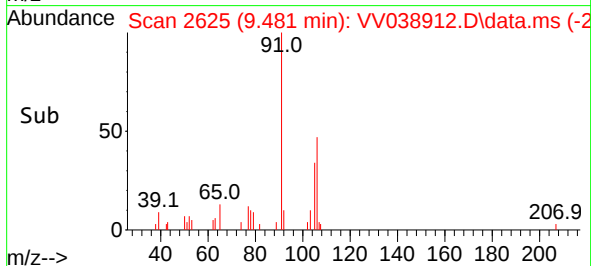
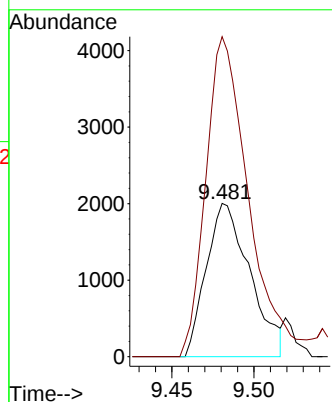
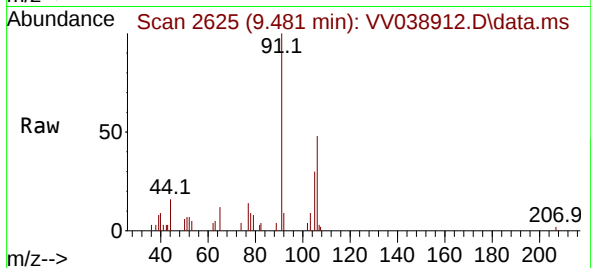
91 205.0 108.9 326.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#70

Styrene

Concen: 0.323 ug/l m

RT: 9.513 min Scan# 2635

Delta R.T. 0.029 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

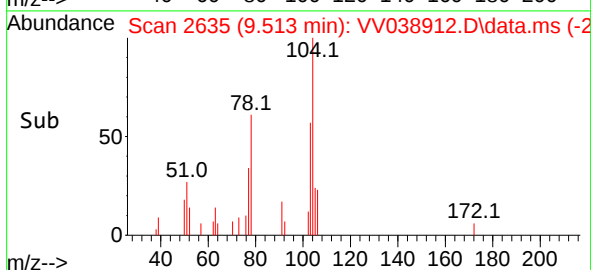
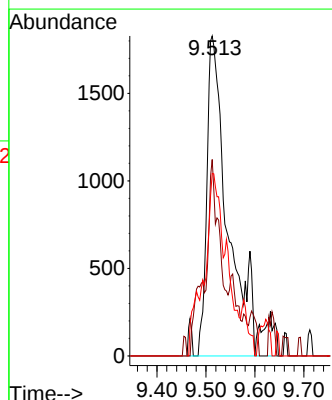
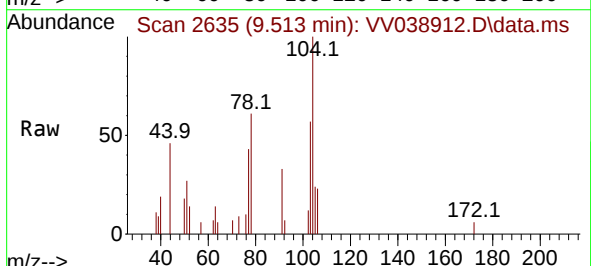
Tgt Ion:104 Resp: 5879

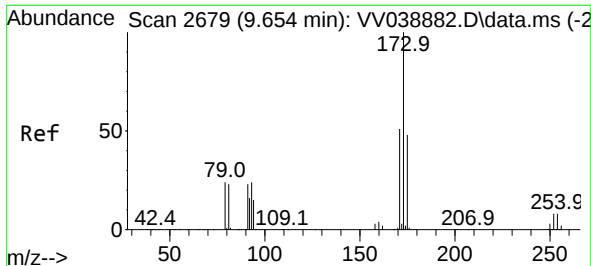
Ion Ratio Lower Upper

104 100

78 4.1 39.9 59.9#

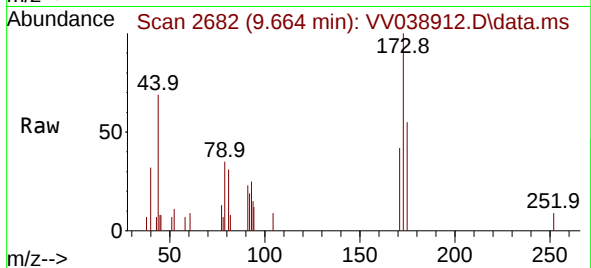
103 5.1 43.4 65.2#





#71
Bromoform
Concen: 0.460 ug/l
RT: 9.664 min Scan# 2679
Delta R.T. 0.010 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

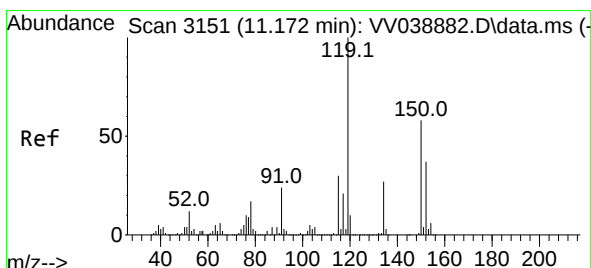
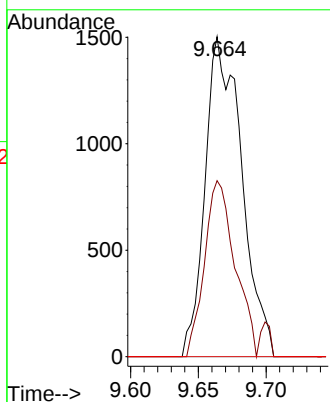
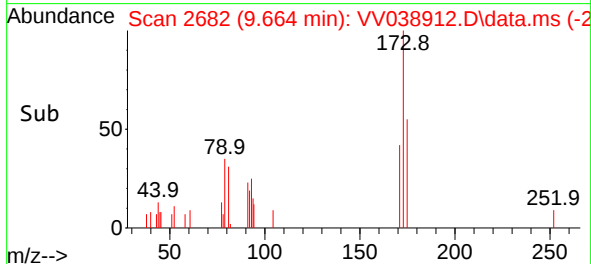
Instrument :
MSVOA_V
ClientSampleId :
MDL05



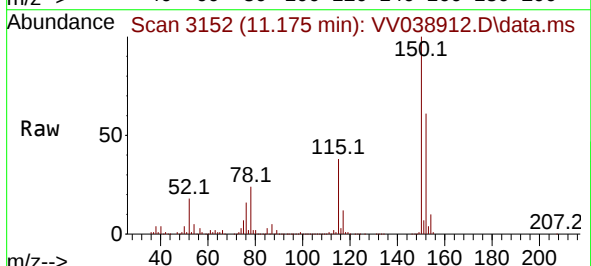
Tgt Ion:173 Resp: 281
Ion Ratio Lower Upper
173 100
175 46.0 23.5 70.6
254 0.0 0.1 0.1

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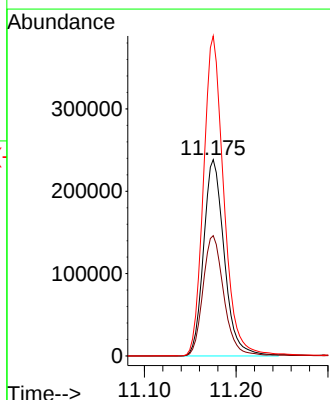
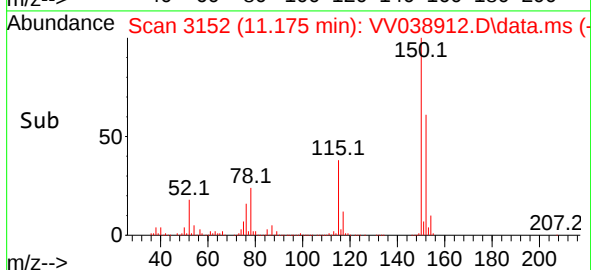
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

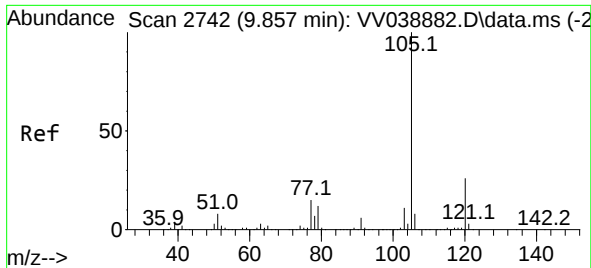


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47



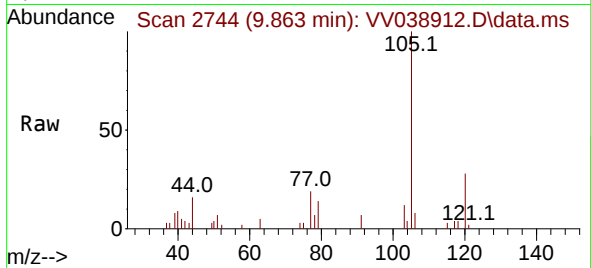
Tgt Ion:152 Resp: 373937
Ion Ratio Lower Upper
152 100
115 62.1 41.8 125.4
150 161.1 0.0 342.4





#73
Isopropylbenzene
Concen: 0.409 ug/l
RT: 9.863 min Scan# 2710
Delta R.T. 0.007 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

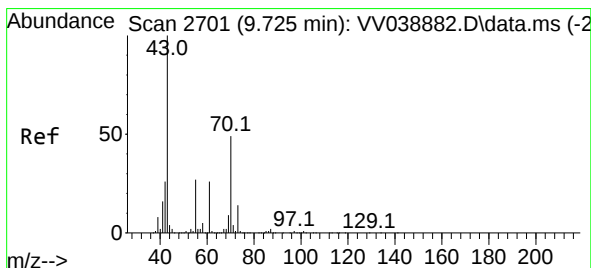
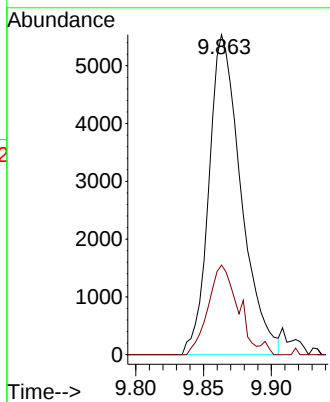
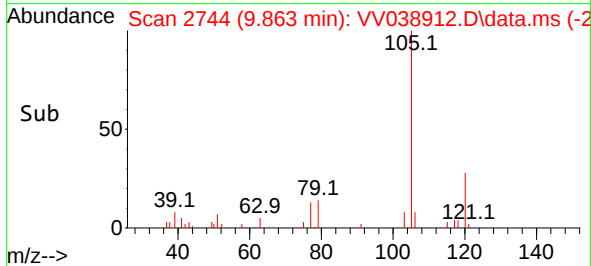
Instrument :
MSVOA_V
ClientSampleId :
MDL05



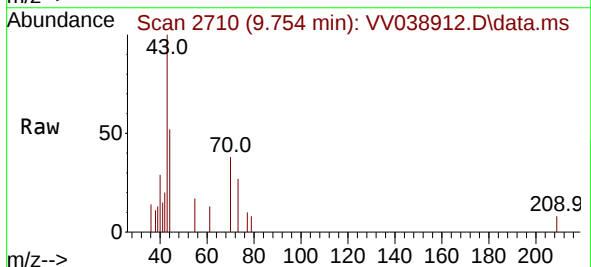
Tgt Ion: 105 Resp: 913
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7

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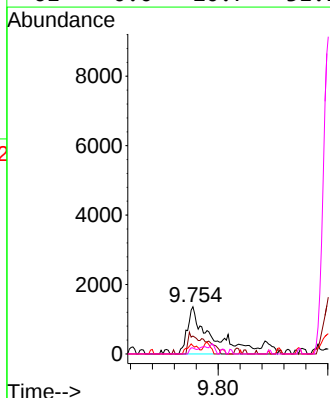
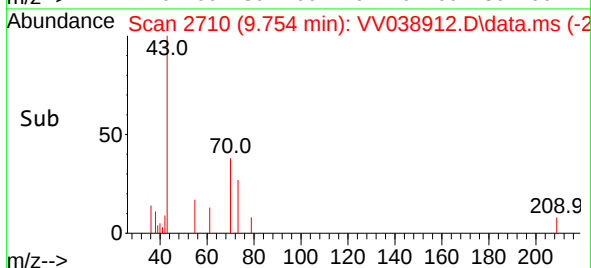
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

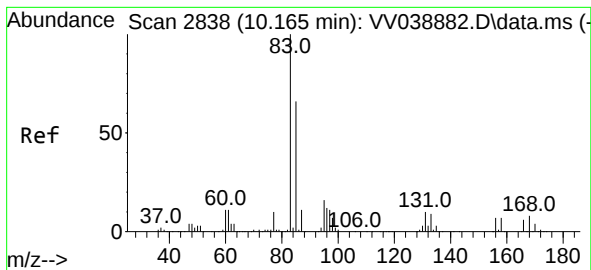


#74
N-ethyl acetate
Concen: 0.549 ug/l m
RT: 9.754 min Scan# 2710
Delta R.T. 0.029 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47



Tgt Ion: 43 Resp: 4490
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#





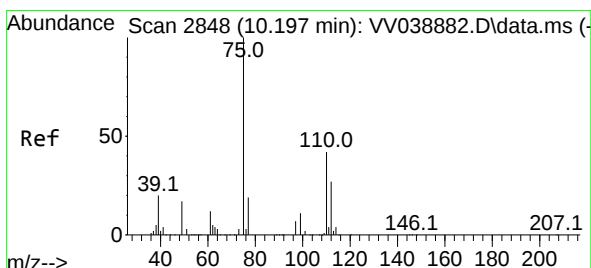
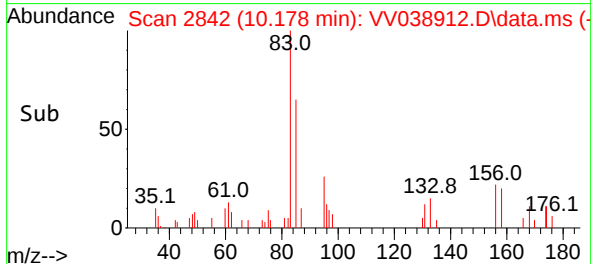
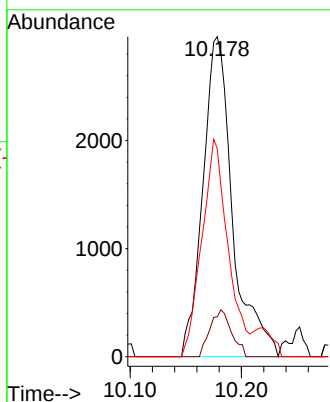
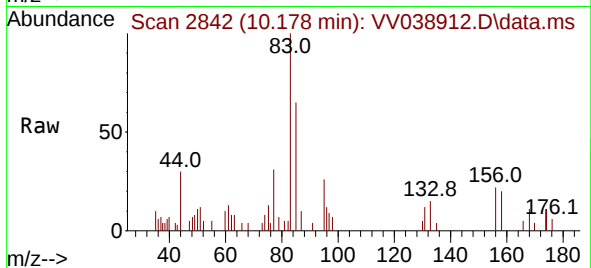
#75
1,1,2,2-Tetrachloroethane
Concen: 0.586 ug/l
RT: 10.178 min Scan# 2842
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 548
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 59.8 32.6 97.7

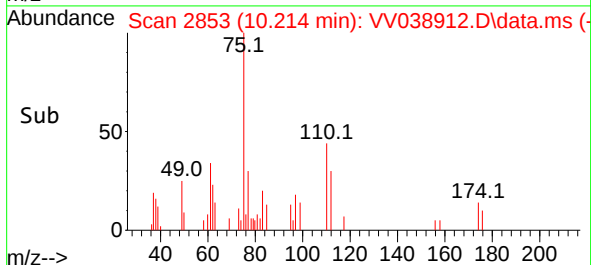
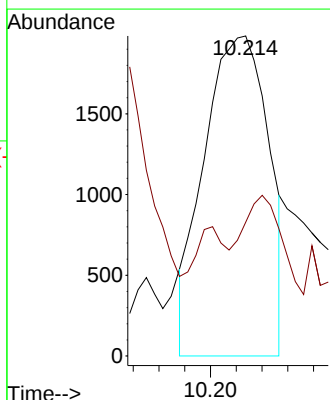
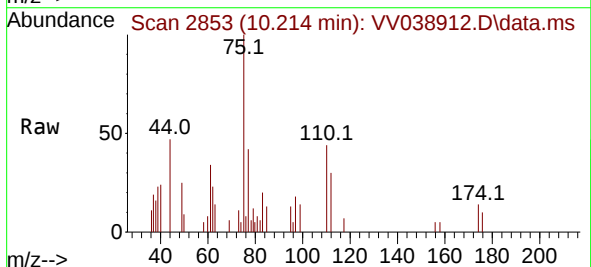
Manual Integrations
APPROVED

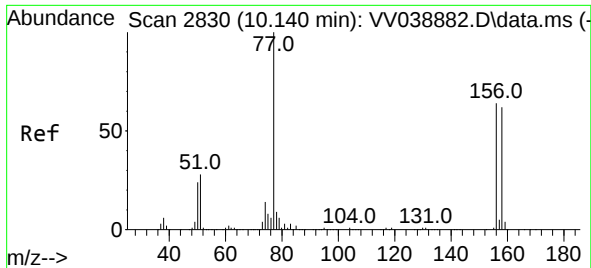
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#76
1,2,3-Trichloropropane
Concen: 0.495 ug/l m
RT: 10.214 min Scan# 2853
Delta R.T. 0.016 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

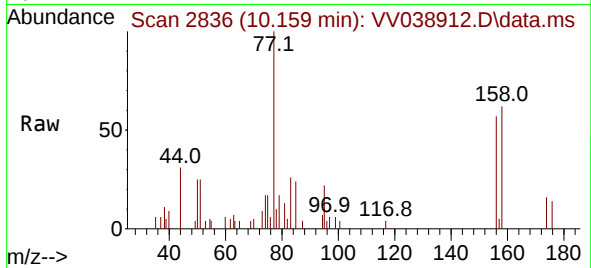
Tgt Ion: 75 Resp: 3443
Ion Ratio Lower Upper
75 100
77 68.8 17.4 52.3#





#77
Bromobenzene
Concen: 0.571 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

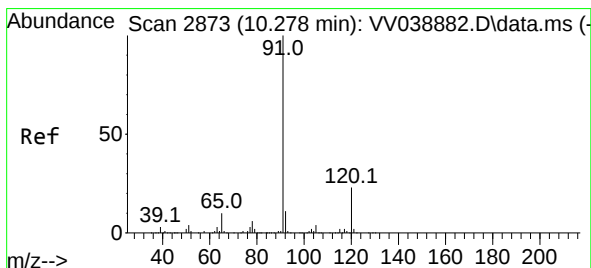
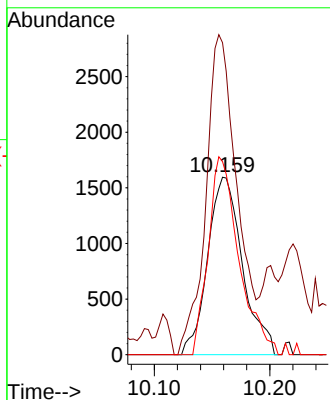
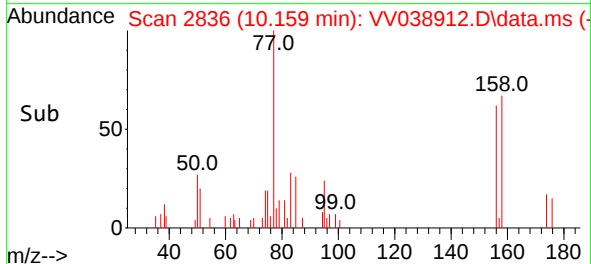
Instrument :
MSVOA_V
ClientSampleId :
MDL05



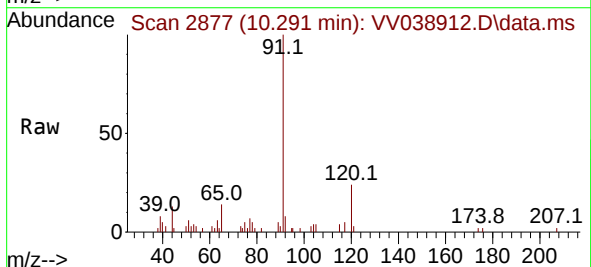
Tgt Ion:156 Resp: 3340
Ion Ratio Lower Upper
156 100
77 160.1 77.2 231.6
158 98.2 48.4 145.3

Manual Integrations
APPROVED

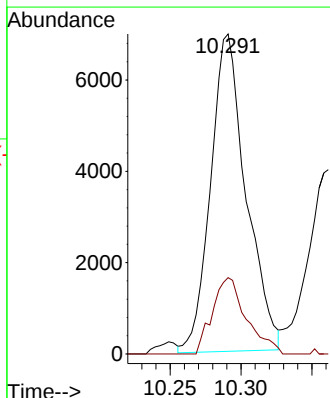
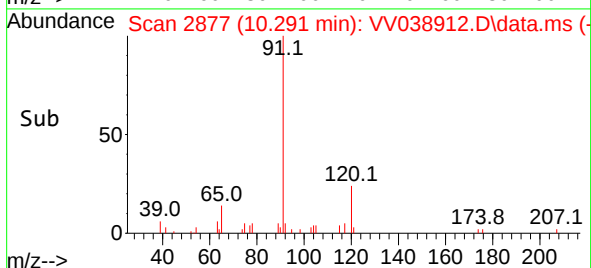
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

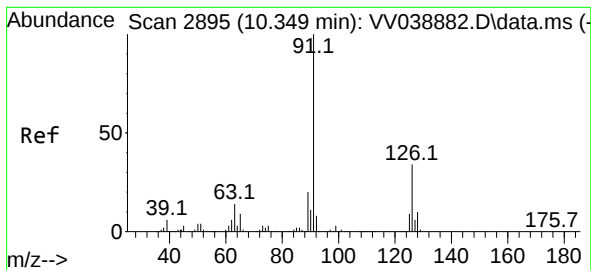


#78
n-propylbenzene
Concen: 0.463 ug/l
RT: 10.291 min Scan# 2877
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47



Tgt Ion: 91 Resp: 12100
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





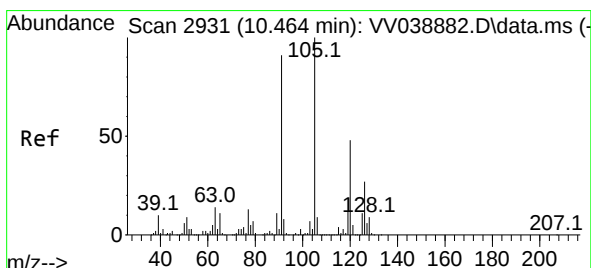
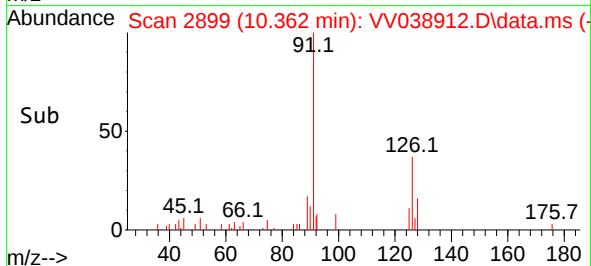
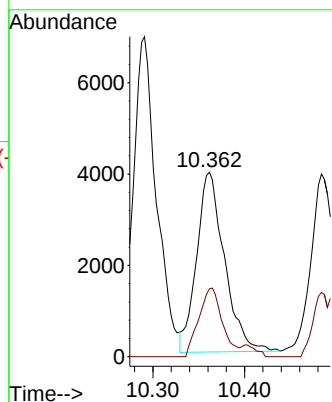
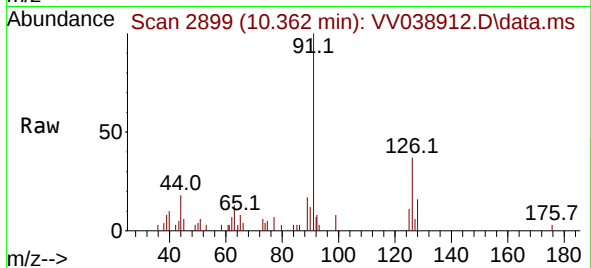
#79
2-Chlorotoluene
Concen: 0.499 ug/l
RT: 10.362 min Scan# 2899
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 8290
Ion Ratio Lower Upper
91 100
126 32.2 17.1 51.2

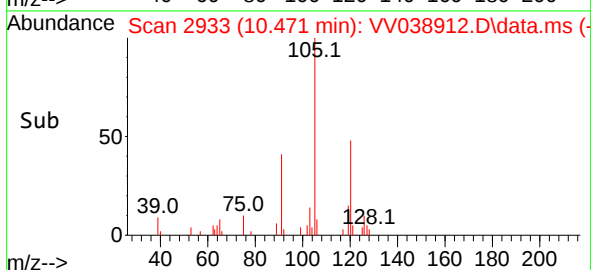
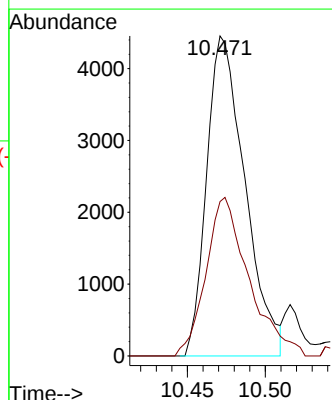
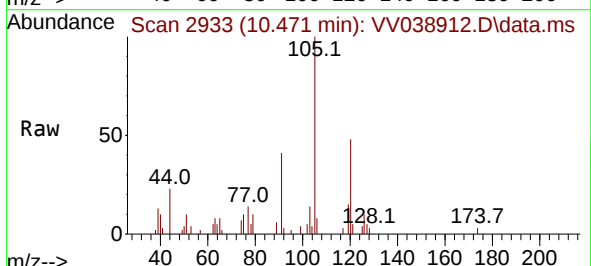
Manual Integrations
APPROVED

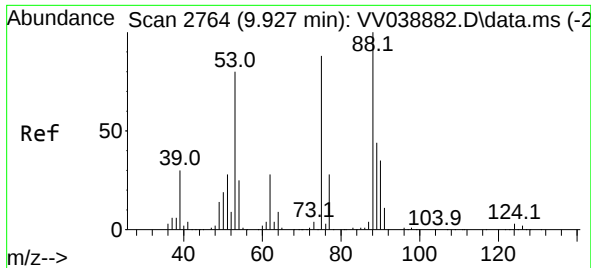
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.404 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.007 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

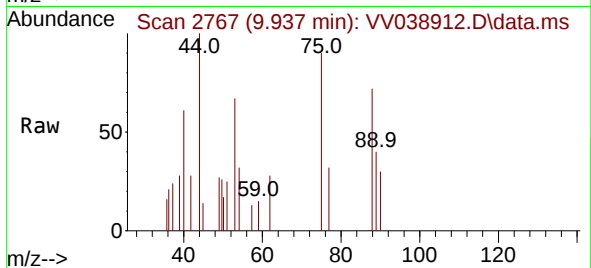
Tgt Ion:105 Resp: 7621
Ion Ratio Lower Upper
105 100
120 55.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 0.373 ug/l m
RT: 9.937 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

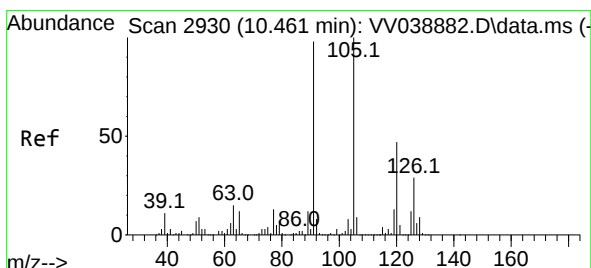
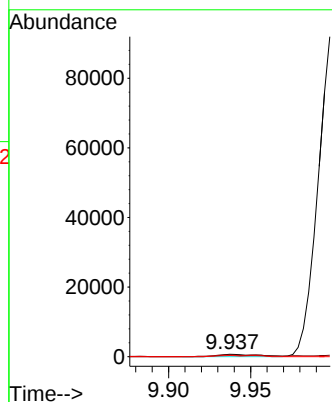
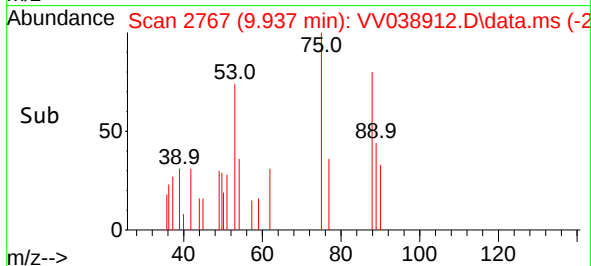
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
53 39.2 71.3 106.9
89 0.0 42.2 63.2

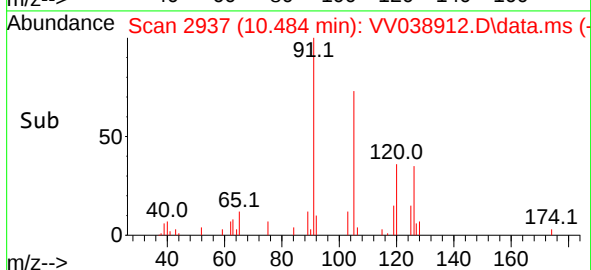
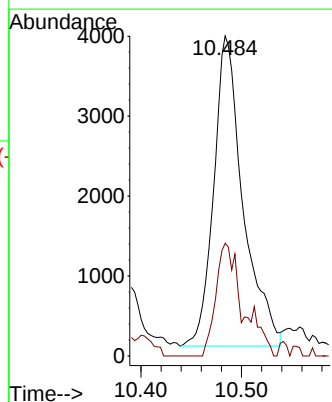
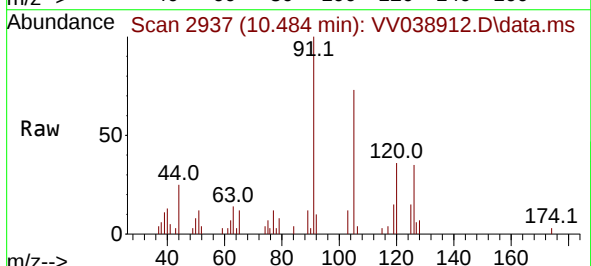
Manual Integrations
APPROVED

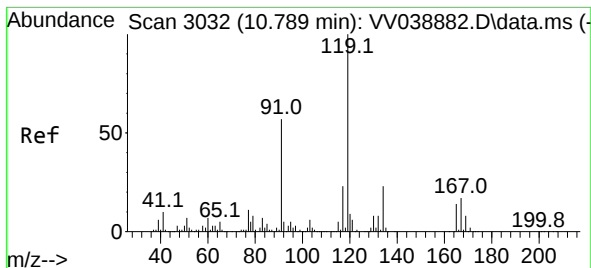
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
4-Chlorotoluene
Concen: 0.423 ug/l
RT: 10.484 min Scan# 2937
Delta R.T. 0.023 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion: 91 Resp: 7847
Ion Ratio Lower Upper
91 100
126 27.8 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.423 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

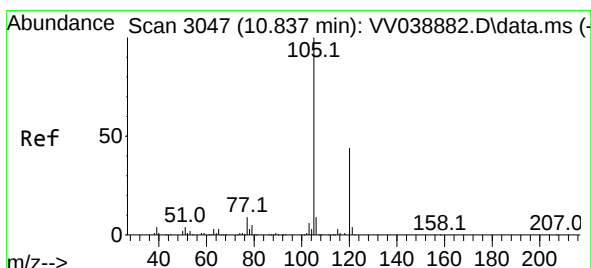
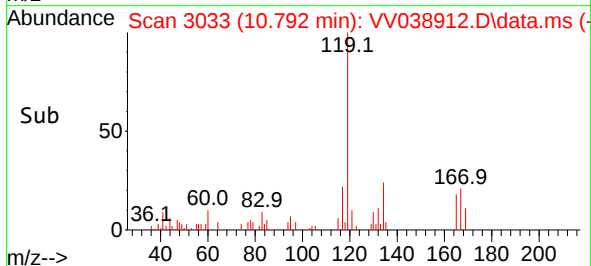
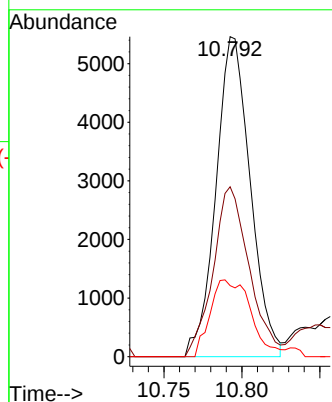
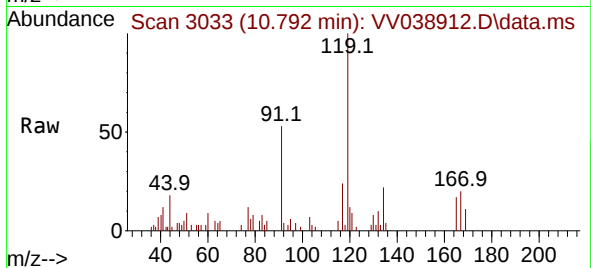
MDL05

Tgt Ion:	119	Resp:	836
Ion Ratio	Lower	Upper	
119	100		
91	55.6	28.1	84.2
134	28.5	11.4	34.1

Manual Integrations

APPROVED

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



#84

1,2,4-Trimethylbenzene

Concen: 0.405 ug/l

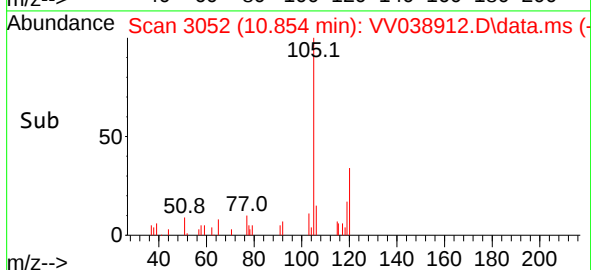
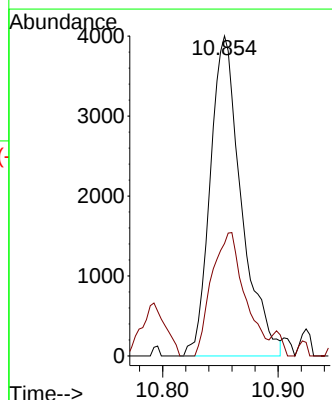
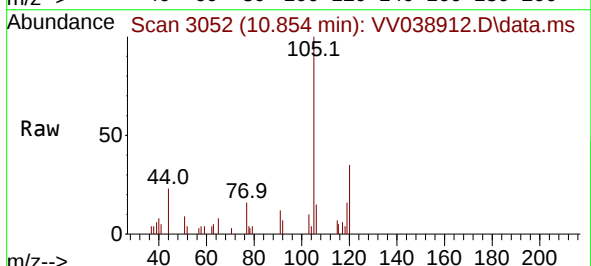
RT: 10.854 min Scan# 3052

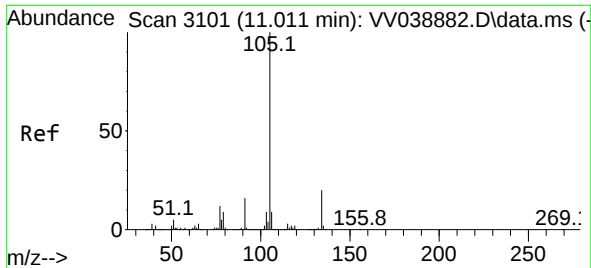
Delta R.T. 0.016 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

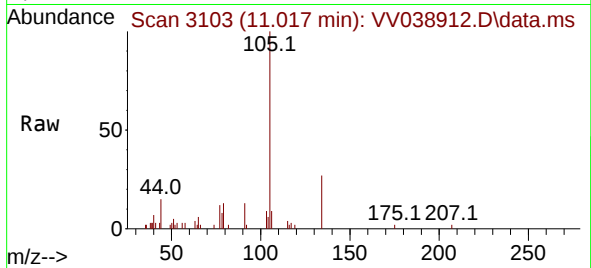
Tgt Ion:	105	Resp:	7501
Ion Ratio	Lower	Upper	
105	100		
120	41.1	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 0.423 ug/l
 RT: 11.017 min Scan# 3103
 Delta R.T. 0.007 min
 Lab File: VV038912.D
 Acq: 16 Jul 2025 16:47

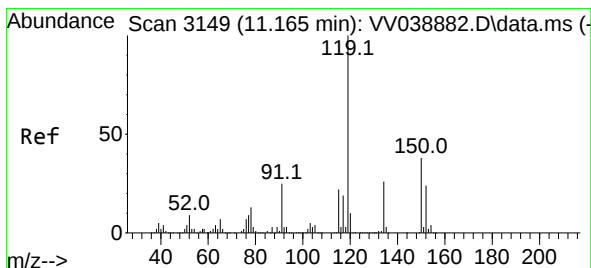
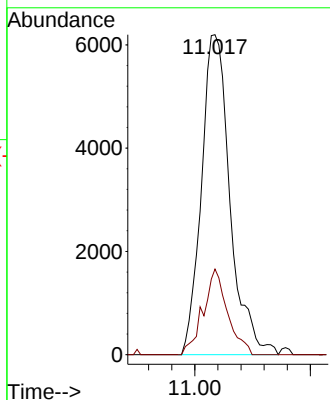
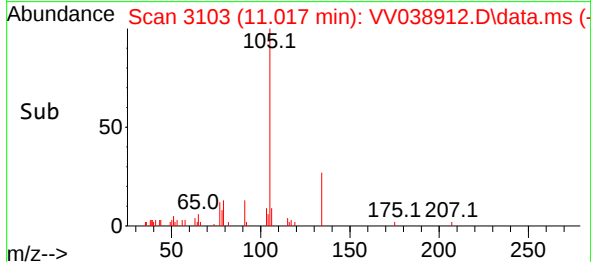
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



Tgt Ion:105 Resp: 10659
 Ion Ratio Lower Upper
 105 100
 134 22.7 9.9 29.7

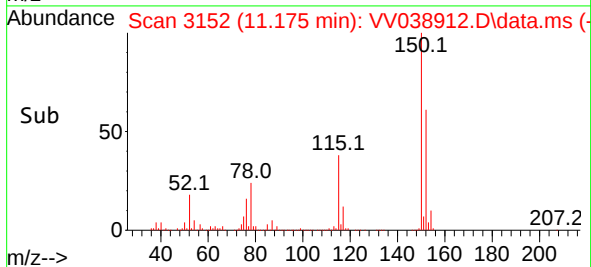
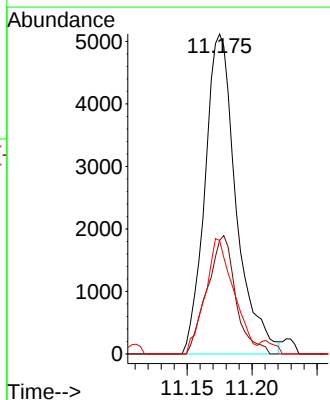
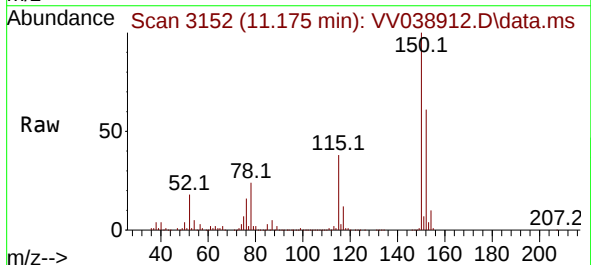
Manual Integrations
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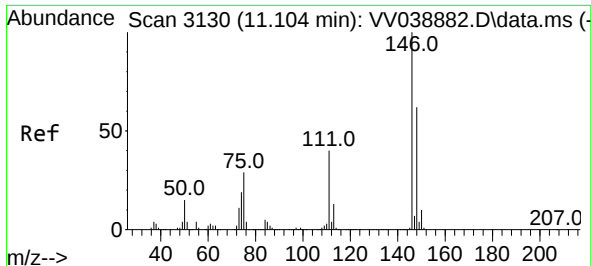
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#86
 p-Isopropyltoluene
 Concen: 0.398 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.010 min
 Lab File: VV038912.D
 Acq: 16 Jul 2025 16:47

Tgt Ion:119 Resp: 8522
 Ion Ratio Lower Upper
 119 100
 134 33.9 13.1 39.3
 91 33.3 12.3 36.8





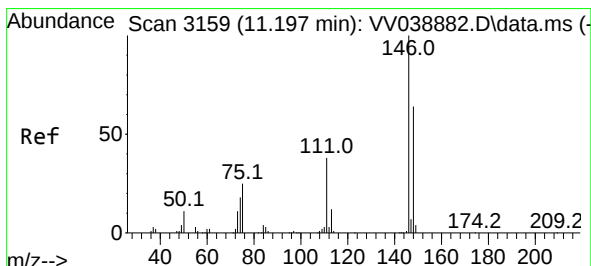
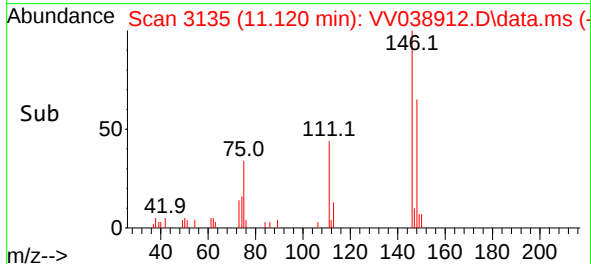
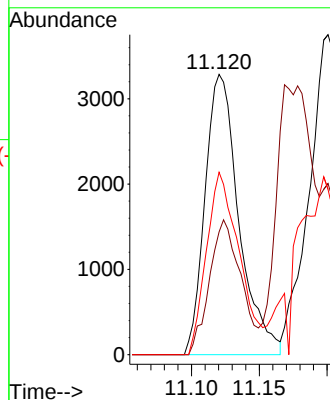
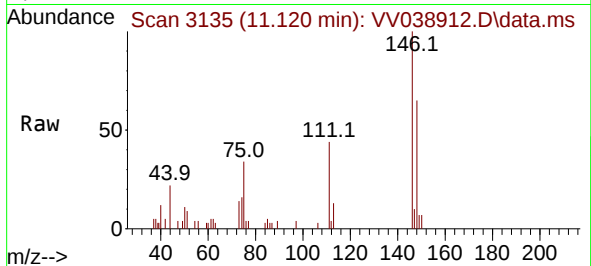
#87
1,3-Dichlorobenzene
Concen: 0.477 ug/l
RT: 11.120 min Scan# 3130
Delta R.T. 0.016 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 5700
Ion Ratio Lower Upper
146 100
111 44.8 20.2 60.5
148 63.0 31.4 94.3

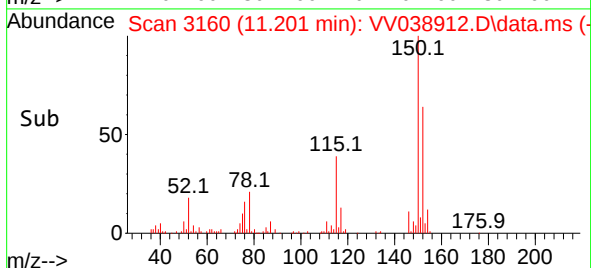
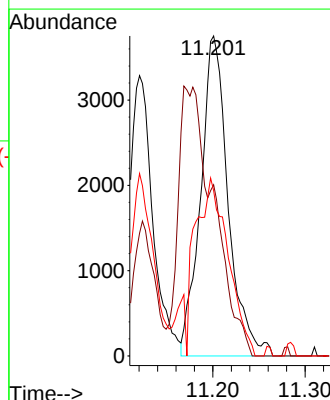
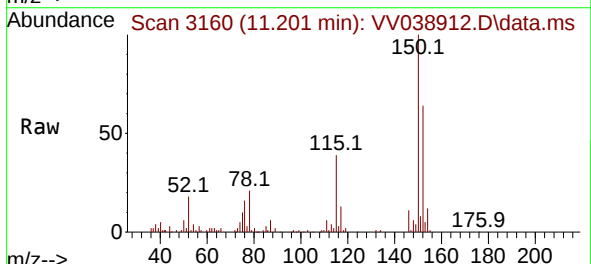
Manual Integrations
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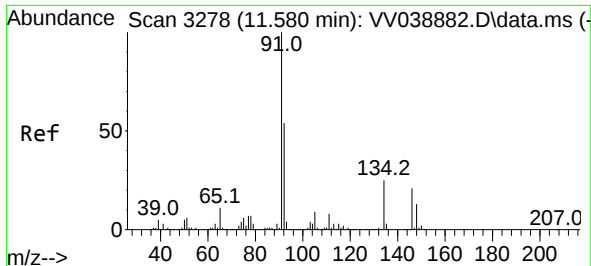
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#88
1,4-Dichlorobenzene
Concen: 0.599 ug/l m
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion:146 Resp: 7790
Ion Ratio Lower Upper
146 100
111 32.8 19.8 59.3
148 46.2 32.1 96.5





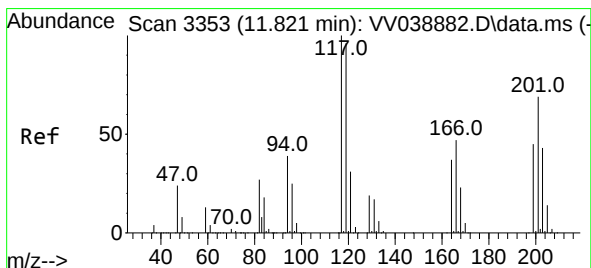
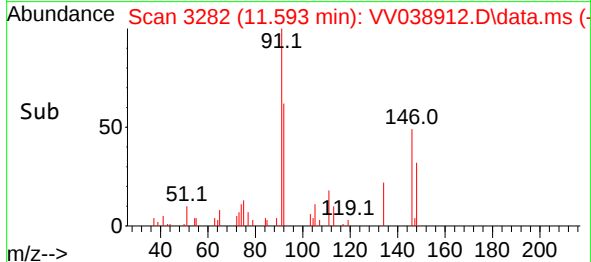
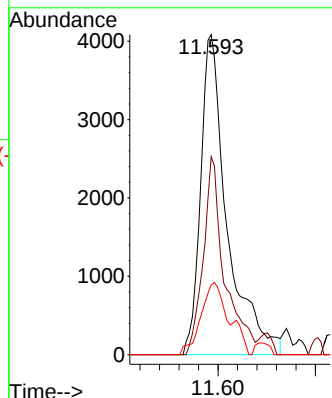
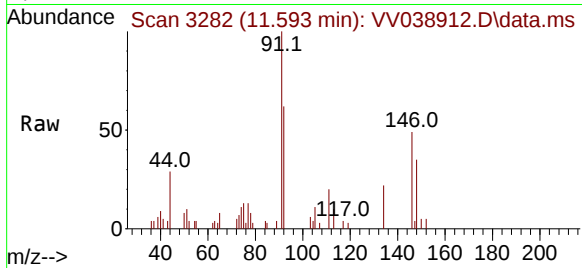
#89
n-Butylbenzene
Concen: 0.394 ug/l
RT: 11.593 min Scan# 3282
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:	91	Resp:	770
Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.7	80.1
134	20.0	12.7	38.1

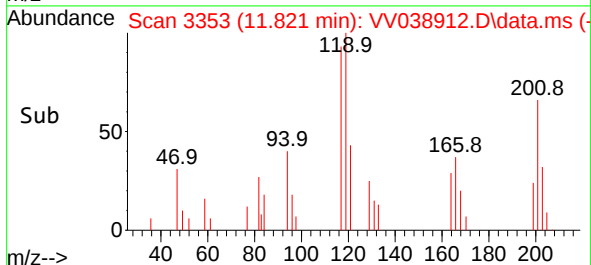
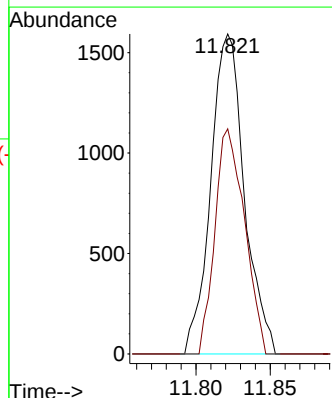
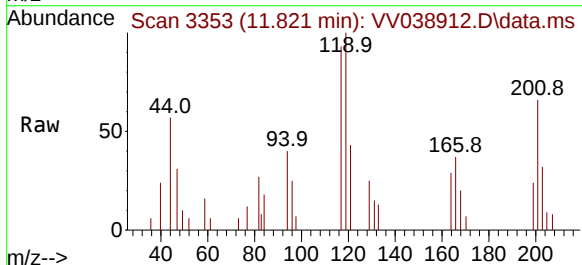
Manual Integrations
APPROVED

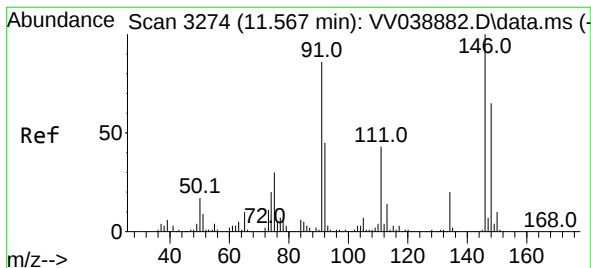
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#90
Hexachloroethane
Concen: 0.492 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

Tgt Ion:	117	Resp:	2507
Ion	Ratio	Lower	Upper
117	100		
201	61.9	34.0	102.0





#91

1,2-Dichlorobenzene

Concen: 0.455 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Instrument :

MSVOA_V

ClientSampleId :

MDL05

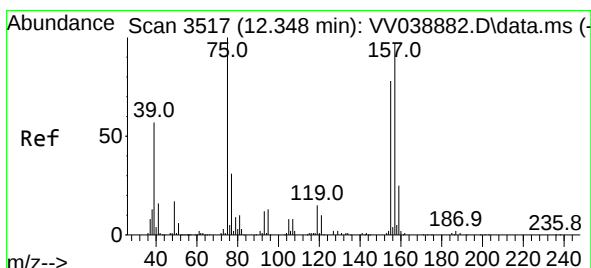
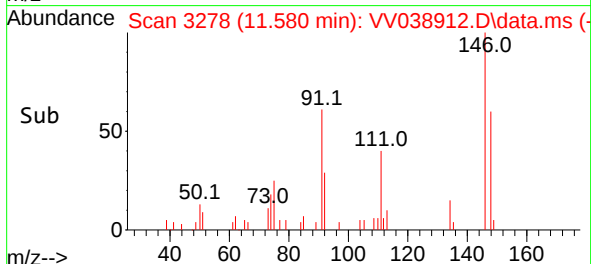
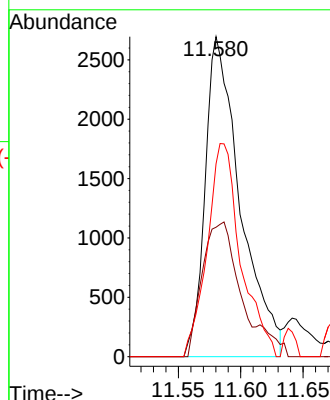
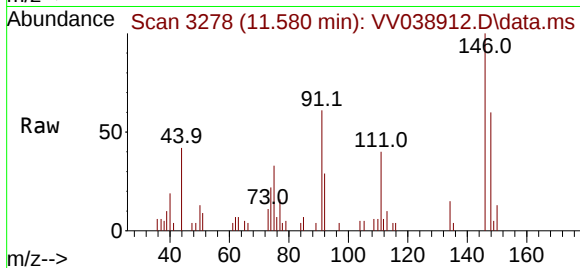
Tgt Ion:146 Resp: 528

Ion	Ratio	Lower	Upper
146	100		
111	47.3	21.4	64.3
148	63.4	32.0	96.2

Manual Integrations

APPROVED

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.500 ug/l

RT: 12.371 min Scan# 3524

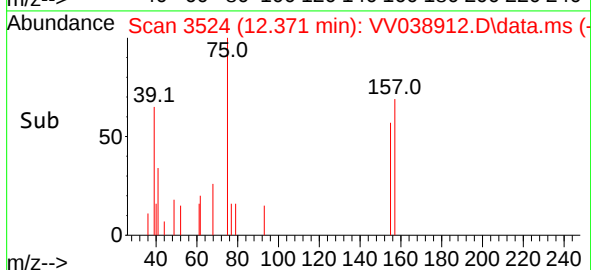
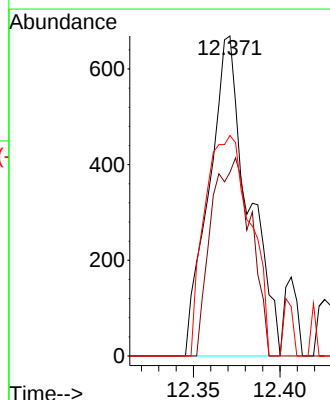
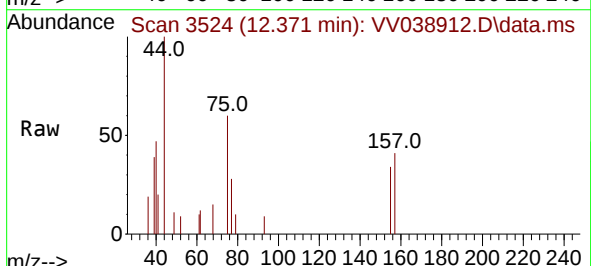
Delta R.T. 0.023 min

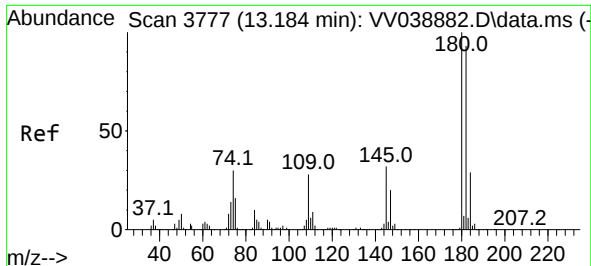
Lab File: VV038912.D

Acq: 16 Jul 2025 16:47

Tgt Ion: 75 Resp: 1057

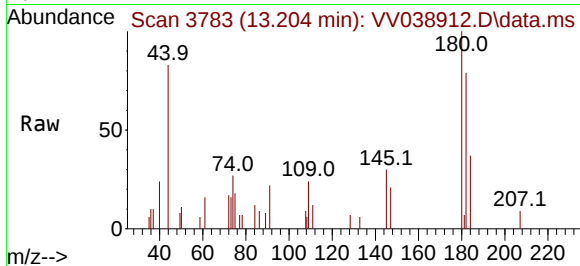
Ion	Ratio	Lower	Upper
75	100		
155	62.8	40.2	120.6
157	79.6	51.1	153.3





#93
1,2,4-Trichlorobenzene
Concen: 0.438 ug/l
RT: 13.204 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

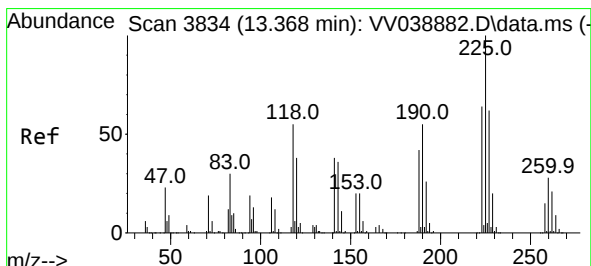
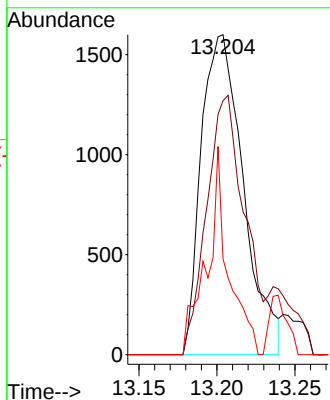
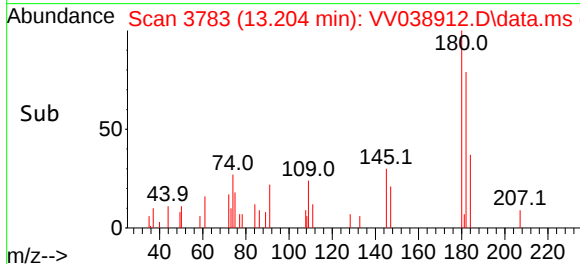
Instrument :
MSVOA_V
ClientSampleId :
MDL05



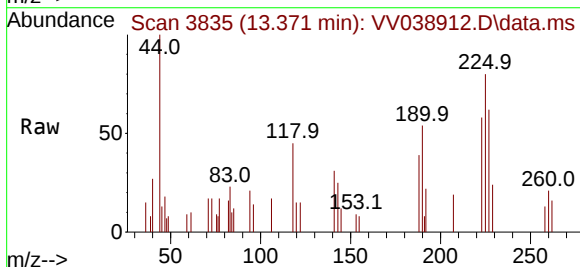
Tgt Ion:180 Resp: 3004
Ion Ratio Lower Upper
180 100
182 72.7 47.4 142.3
145 33.0 16.2 48.6

Manual Integrations
APPROVED

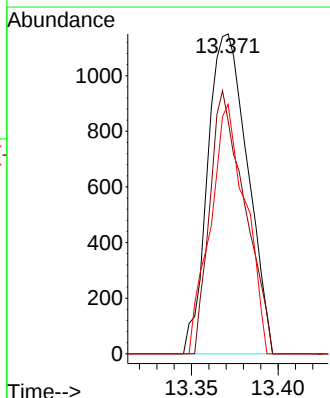
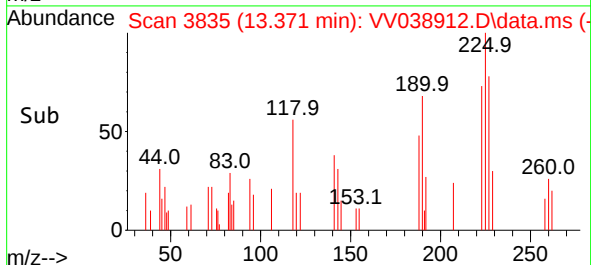
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

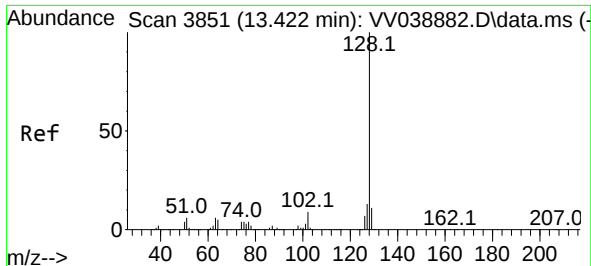


#94
Hexachlorobutadiene
Concen: 0.522 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47



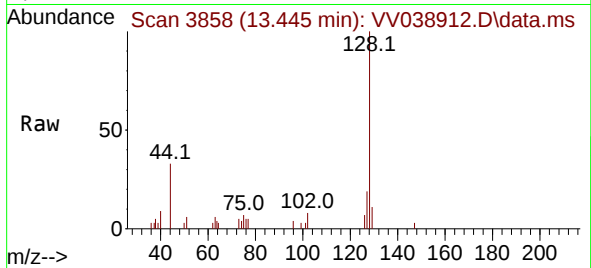
Tgt Ion:225 Resp: 1842
Ion Ratio Lower Upper
225 100
223 72.0 32.4 97.2
227 69.1 31.3 93.9





#95
Naphthalene
Concen: 0.340 ug/l
RT: 13.445 min Scan# 3931
Delta R.T. 0.023 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47

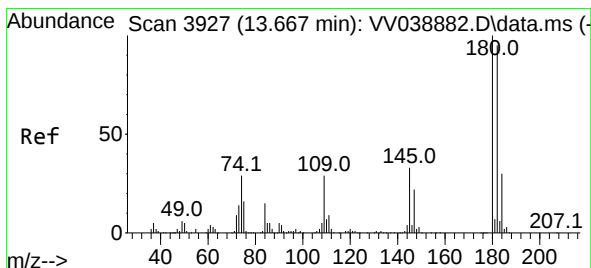
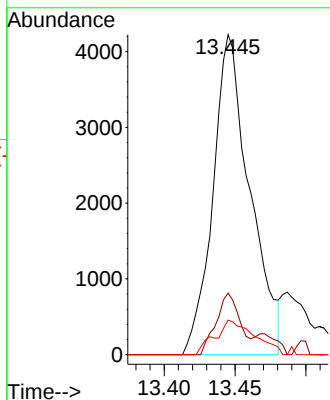
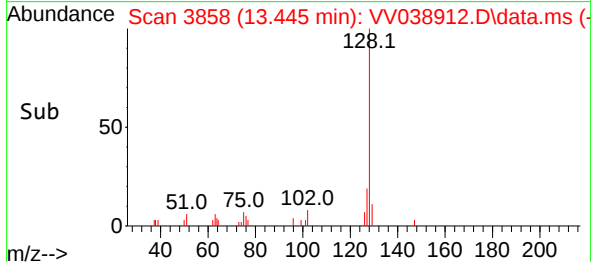
Instrument :
MSVOA_V
ClientSampleId :
MDL05



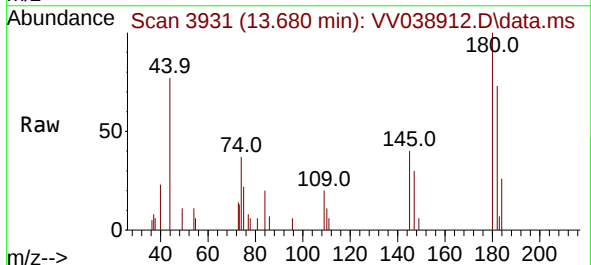
Tgt Ion:128 Resp: 7652
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 11.5 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.485 ug/l
RT: 13.680 min Scan# 3931
Delta R.T. 0.013 min
Lab File: VV038912.D
Acq: 16 Jul 2025 16:47



Tgt Ion:180 Resp: 3448
Ion Ratio Lower Upper
180 100
182 81.6 47.0 141.2
145 36.6 17.0 51.0

