

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038949.D
 Acq On : 13 Aug 2025 13:45
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 14 02:24:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:22:00 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	507001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	814221	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	776854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	442869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	128644	18.397	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	36.800%#		
35) Dibromofluoromethane	4.503	113	108539	18.923	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	37.840%#		
50) Toluene-d8	7.240	98	377092	18.871	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	37.740%#		
62) 4-Bromofluorobenzene	10.005	95	134482	18.523	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	37.040%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	133050	19.459	ug/l	98
3) Chloromethane	1.230	50	134601	18.722	ug/l	98
4) Vinyl Chloride	1.294	62	148899	18.703	ug/l	98
5) Bromomethane	1.497	94	105445	19.715	ug/l	96
6) Chloroethane	1.561	64	91258	18.811	ug/l	99
7) Trichlorofluoromethane	1.725	101	199969	19.145	ug/l	99
8) Diethyl Ether	1.921	74	49181m	15.016	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.082	101	105704	18.523	ug/l	98
10) Methyl Iodide	2.198	142	135662	17.545	ug/l	95
11) Tert butyl alcohol	2.571	59	145293	105.246	ug/l	98
12) 1,1-Dichloroethene	2.082	96	103078	18.219	ug/l	98
13) Acrolein	2.011	56	47314	78.700	ug/l	100
14) Allyl chloride	2.359	41	192330	19.638	ug/l	97
15) Acrylonitrile	2.677	53	376928	97.302	ug/l	99
16) Acetone	2.121	43	229173	80.065	ug/l	97
17) Carbon Disulfide	2.253	76	282698	15.995	ug/l	100
18) Methyl Acetate	2.381	43	157313	21.173	ug/l	99
19) Methyl tert-butyl Ether	2.716	73	399817	19.485	ug/l	96
20) Methylene Chloride	2.455	84	135718	20.357	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	131730	18.993	ug/l	97
22) Diisopropyl ether	3.220	45	376146	20.184	ug/l	98
23) Vinyl Acetate	3.192	43	1598587	102.130	ug/l	99
24) 1,1-Dichloroethane	3.118	63	237555	20.370	ug/l	99
25) 2-Butanone	3.873	43	430136	100.620	ug/l	98
26) 2,2-Dichloropropane	3.815	77	191893	18.758	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	136349	19.058	ug/l	99
28) Bromochloromethane	4.150	49	60258	18.901	ug/l	98
29) Tetrahydrofuran	4.243	42	291396	105.824	ug/l	97
30) Chloroform	4.282	83	242102	19.426	ug/l	98
31) Cyclohexane	4.587	56	194423	19.002	ug/l	98
32) 1,1,1-Trichloroethane	4.516	97	218491	19.448	ug/l	100
36) 1,1-Dichloropropene	4.748	75	148044	19.625	ug/l	97
37) Ethyl Acetate	3.986	43	167682	18.883	ug/l	98
38) Carbon Tetrachloride	4.738	117	185002	20.802	ug/l	99
39) Methylcyclohexane	6.047	83	193257	19.496	ug/l	92
40) Benzene	5.011	78	499241	20.190	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	69836	20.558	ug/l	93
42) 1,2-Dichloroethane	5.044	62	169018	19.849	ug/l	98
43) Isopropyl Acetate	5.198	43	253377	21.060	ug/l	99
44) Trichloroethene	5.835	130	127983	19.996	ug/l	100
45) 1,2-Dichloropropane	6.092	63	116697	20.248	ug/l	95
46) Dibromomethane	6.230	93	90796	19.658	ug/l	98
47) Bromodichloromethane	6.429	83	187919	20.241	ug/l	100
48) Methyl methacrylate	6.304	41	111360	20.091	ug/l	98
49) 1,4-Dioxane	6.291	88	47542	433.423	ug/l	97
51) 4-Methyl-2-Pentanone	7.150	43	884193	108.078	ug/l	99
52) Toluene	7.310	92	313430	20.780	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	175346	19.810	ug/l	96
54) cis-1,3-Dichloropropene	6.950	75	195704	20.137	ug/l	99
55) 1,1,2-Trichloroethane	7.764	97	127032	20.158	ug/l	99
56) Ethyl methacrylate	7.719	69	161343	19.747	ug/l	99
57) 1,3-Dichloropropane	7.937	76	199916	19.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	521492	103.686	ug/l	99
59) 2-Hexanone	8.066	43	651218	107.946	ug/l	99
60) Dibromochloromethane	8.169	129	152358	20.013	ug/l	100
61) 1,2-Dibromoethane	8.278	107	137738	20.309	ug/l	99
64) Tetrachloroethene	7.899	164	113475	19.306	ug/l	99
65) Chlorobenzene	8.805	112	354243	19.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	126306	19.926	ug/l	99
67) Ethyl Benzene	8.937	91	561991	20.400	ug/l	100
68) m/p-Xylenes	9.066	106	451713	41.874	ug/l	98
69) o-Xylene	9.471	106	202996	20.487	ug/l	99
70) Styrene	9.487	104	363022	21.046	ug/l	99
71) Bromoform	9.658	173	106096	20.598	ug/l	98
73) Isopropylbenzene	9.857	105	567371	20.008	ug/l	97
74) N-amyl acetate	9.728	43	215711	19.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.169	83	208013	18.904	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	156108	18.701	ug/l	98
77) Bromobenzene	10.143	156	142647	19.445	ug/l	97
78) n-propylbenzene	10.278	91	681756	20.091	ug/l	99
79) 2-Chlorotoluene	10.349	91	411174	19.822	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	494942	20.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	67435	19.803	ug/l	99
82) 4-Chlorotoluene	10.465	91	482078	20.175	ug/l	99
83) tert-Butylbenzene	10.789	119	468750	19.539	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	477893	20.767	ug/l	98
85) sec-Butylbenzene	11.014	105	624395	19.947	ug/l	100
86) p-Isopropyltoluene	11.169	119	529058	19.785	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	286169	19.029	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	293758	17.987	ug/l	97
89) n-Butylbenzene	11.580	91	495799	19.615	ug/l	99
90) Hexachloroethane	11.821	117	107924	18.350	ug/l	98
91) 1,2-Dichlorobenzene	11.571	146	267072	18.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	45432	18.787	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	164203	18.882	ug/l	99
94) Hexachlorobutadiene	13.368	225	79721	18.449	ug/l	100
95) Naphthalene	13.426	128	518857	18.979	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	167808	19.063	ug/l	98

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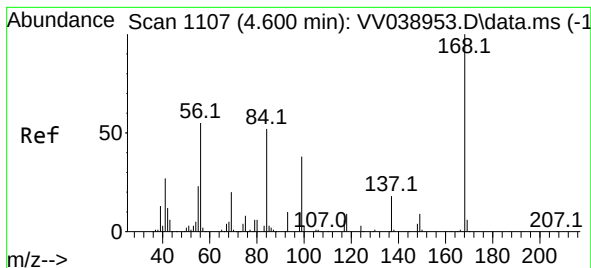
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/18/2025

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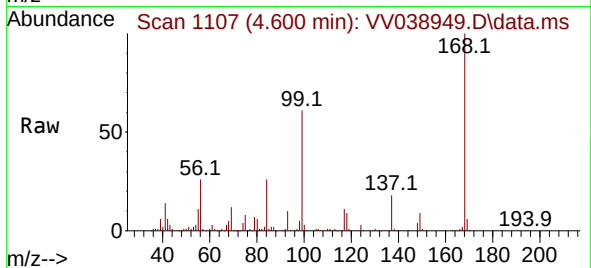
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
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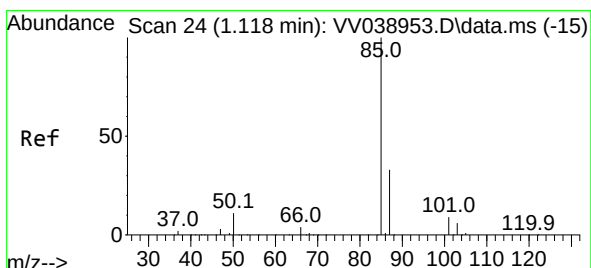
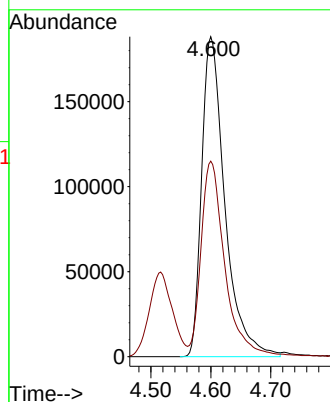
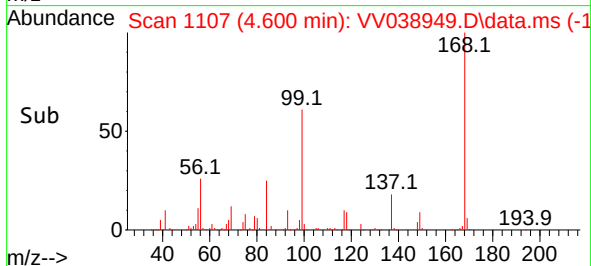
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 50700
Ion Ratio Lower Upper
168 100
99 60.3 48.0 72.0

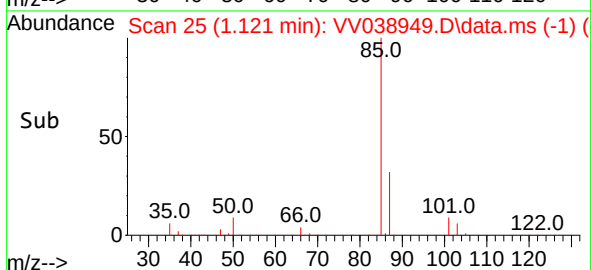
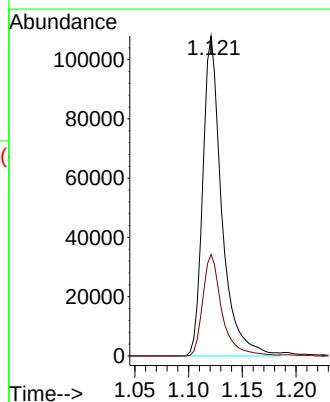
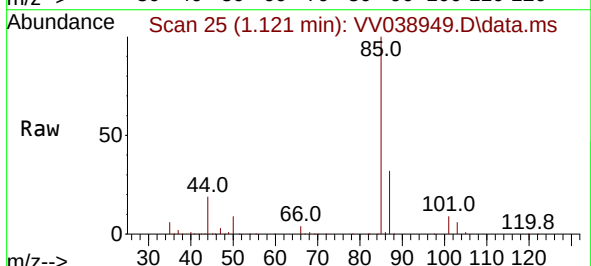
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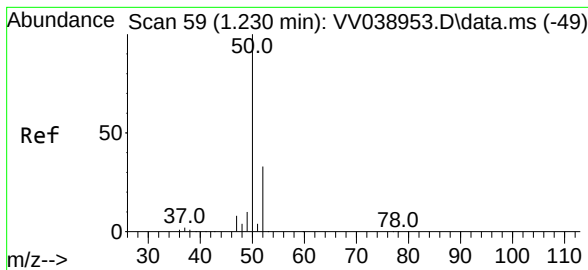
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#2
Dichlorodifluoromethane
Concen: 19.459 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

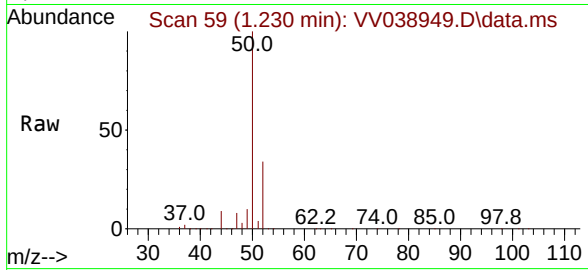
Tgt Ion: 85 Resp: 133050
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 18.722 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

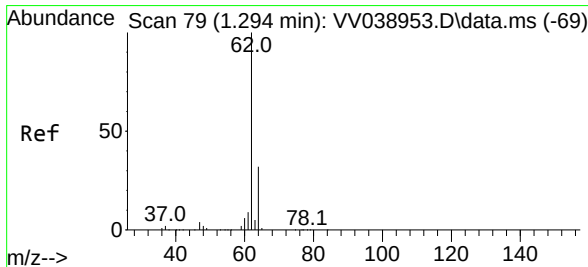
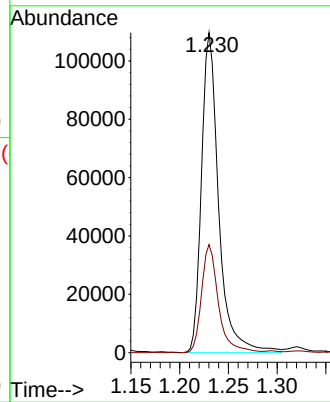
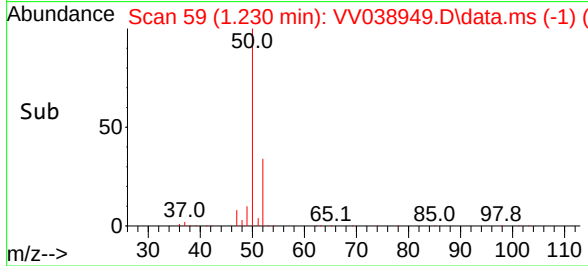
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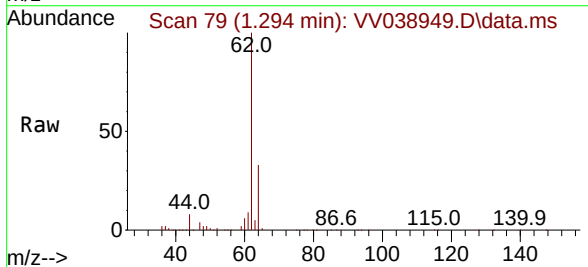
Tgt Ion: 50 Resp: 13460
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0

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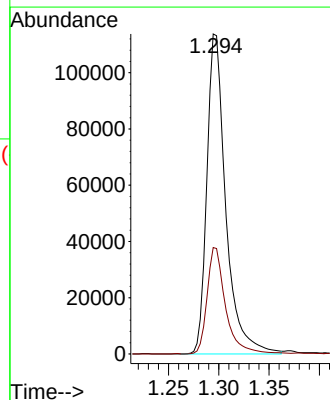
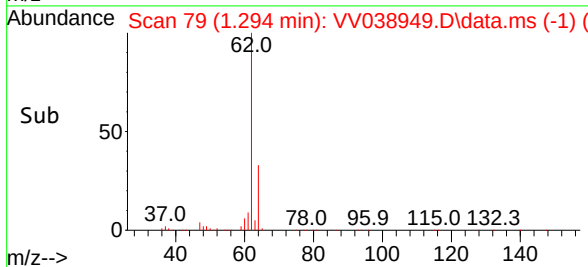
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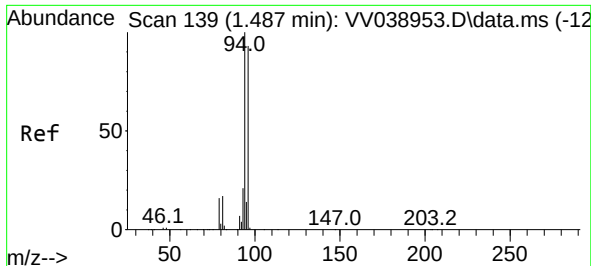


#4
Vinyl Chloride
Concen: 18.703 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038949.D
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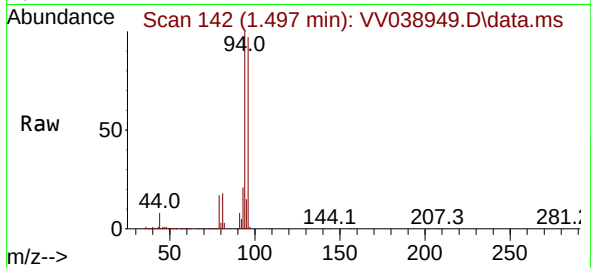
Tgt Ion: 62 Resp: 148899
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.8





#5
Bromomethane
Concen: 19.715 ug/l
RT: 1.497 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV038949.D
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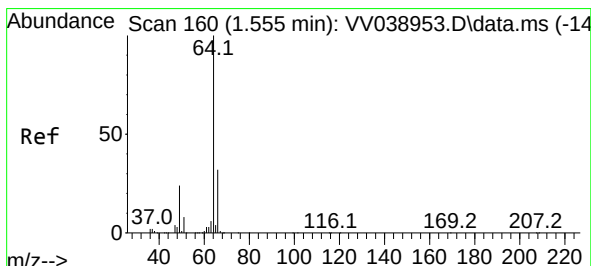
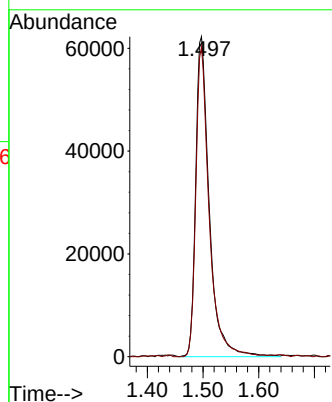
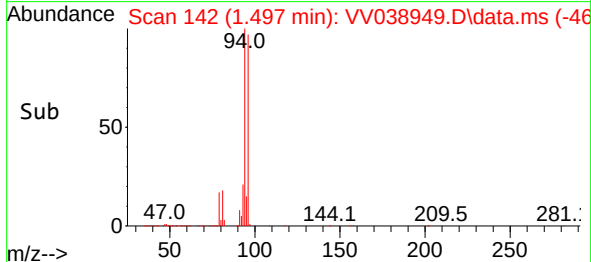
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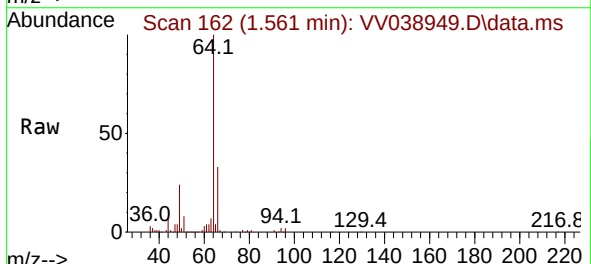
Tgt Ion: 94 Resp: 105449
Ion Ratio Lower Upper
94 100
96 96.8 74.4 111.6

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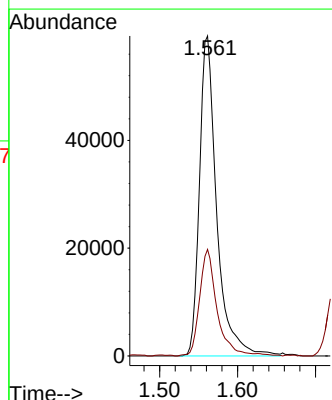
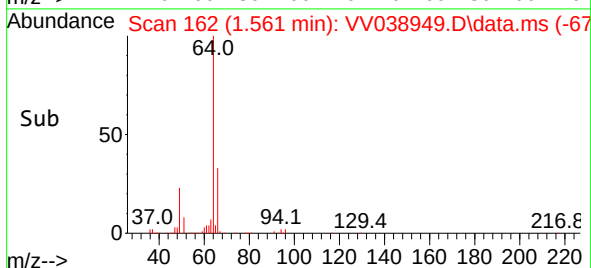
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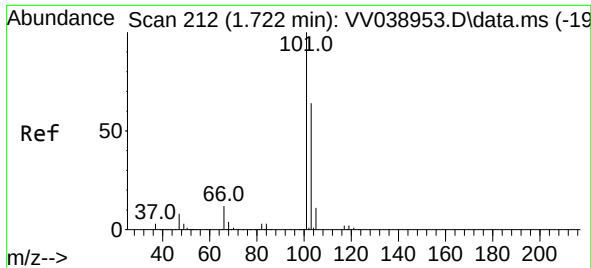


#6
Chloroethane
Concen: 18.811 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.006 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



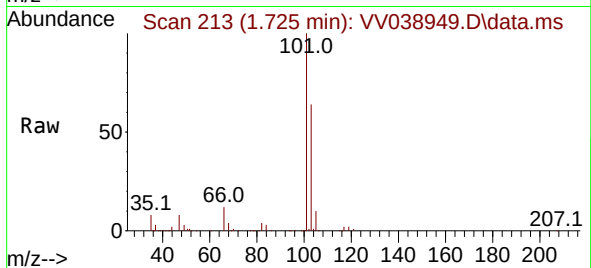
Tgt Ion: 64 Resp: 91258
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 19.145 ug/l
 RT: 1.725 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038949.D
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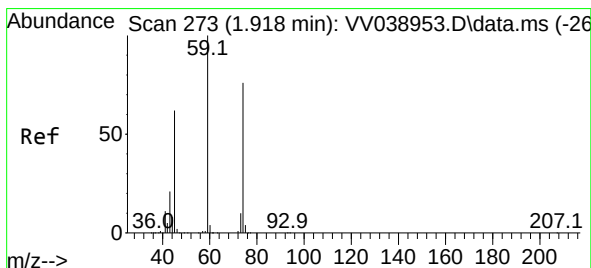
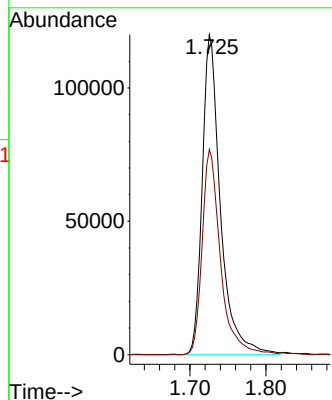
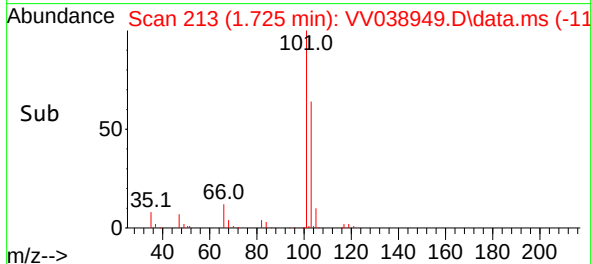
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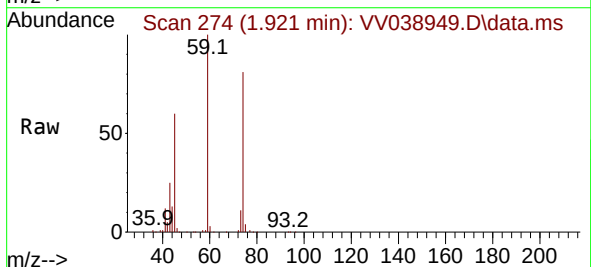
Tgt Ion:101 Resp: 19996
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.4

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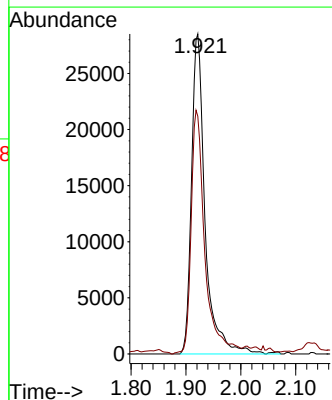
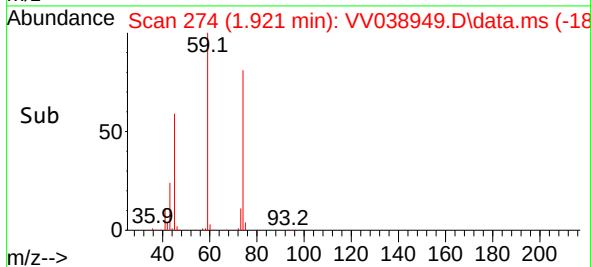
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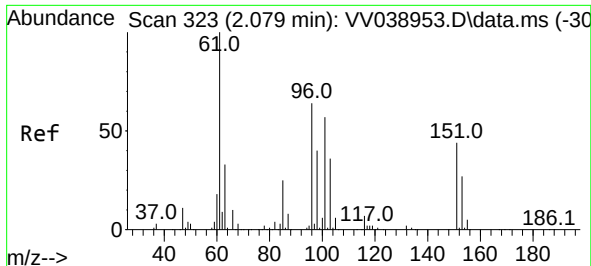


#8
 Diethyl Ether
 Concen: 15.016 ug/l m
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 49181
 Ion Ratio Lower Upper
 74 100
 45 76.9 39.5 118.3





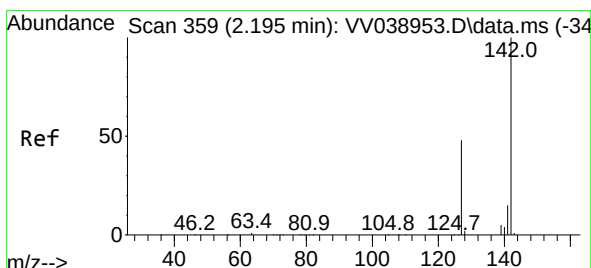
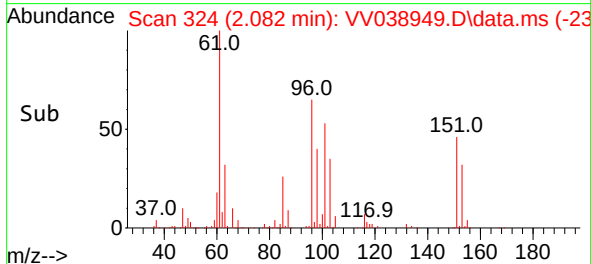
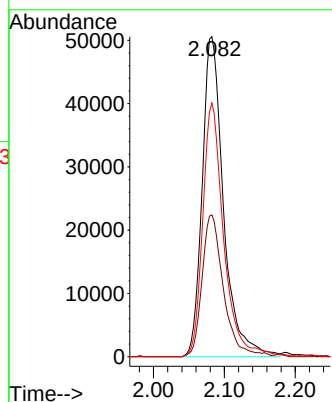
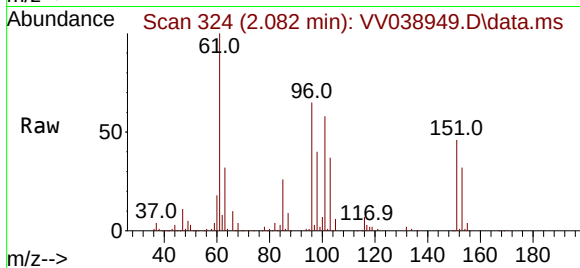
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.523 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 105704
Ion Ratio Lower Upper
101 100
85 44.4 34.7 52.1
151 77.8 60.4 90.6

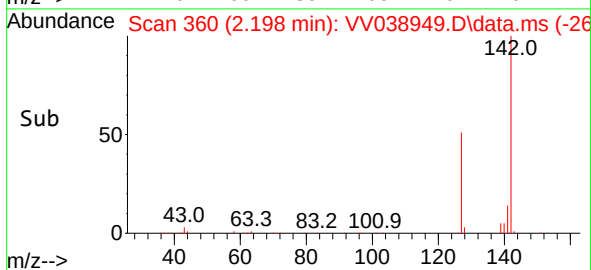
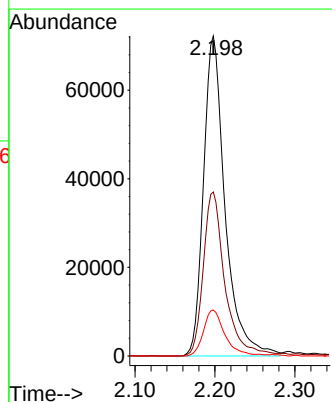
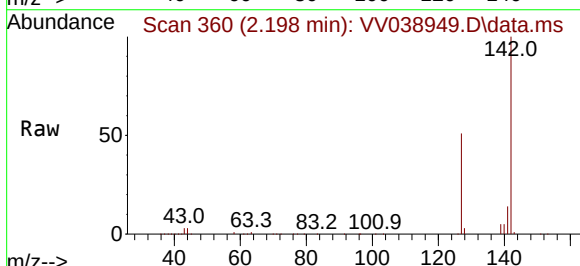
Manual Integrations
APPROVED

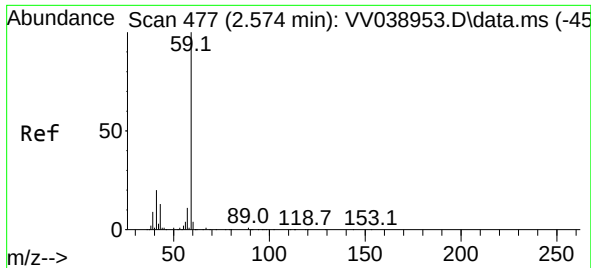
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#10
Methyl Iodide
Concen: 17.545 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion:142 Resp: 135662
Ion Ratio Lower Upper
142 100
127 51.5 37.7 56.5
141 14.4 11.4 17.2





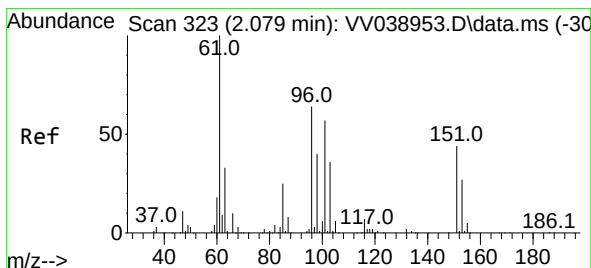
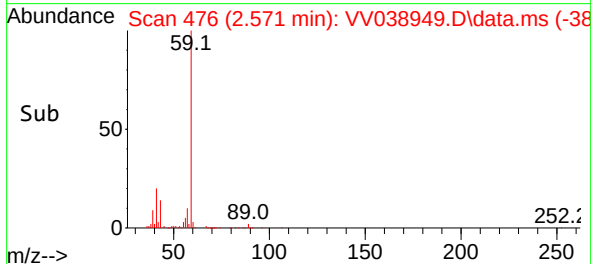
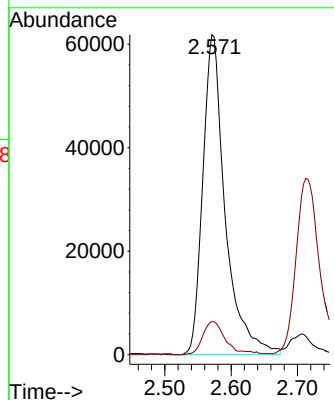
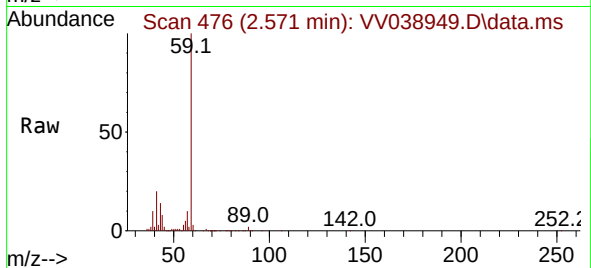
#11
Tert butyl alcohol
Concen: 105.246 ug/l
RT: 2.571 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 14529
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

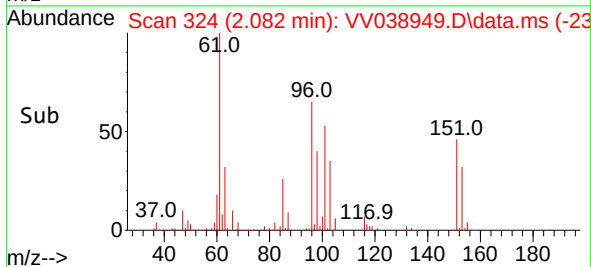
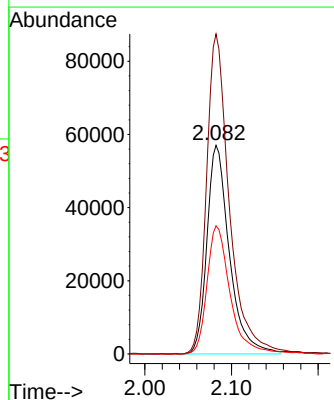
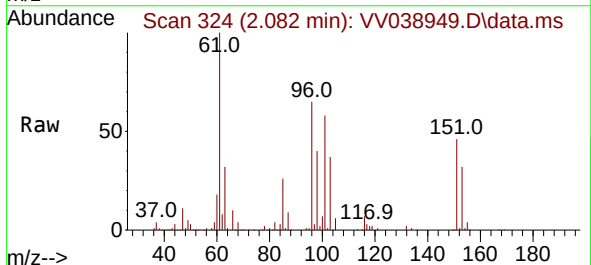
Manual Integrations
APPROVED

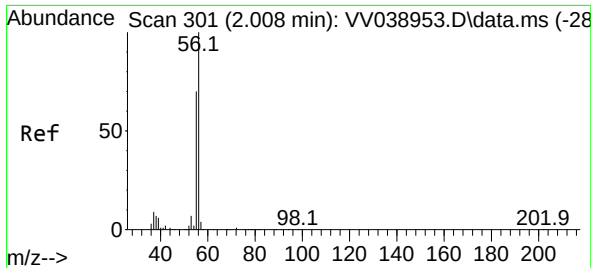
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#12
1,1-Dichloroethene
Concen: 18.219 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

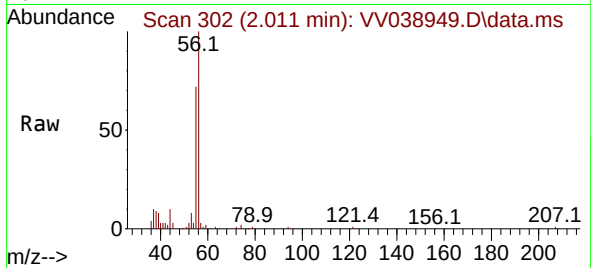
Tgt Ion: 96 Resp: 103078
Ion Ratio Lower Upper
96 100
61 153.4 125.0 187.4
98 61.4 49.8 74.8





#13
Acrolein
Concen: 78.700 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

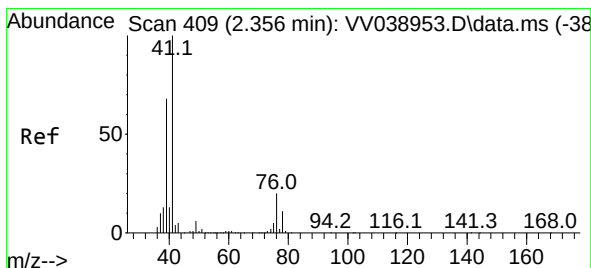
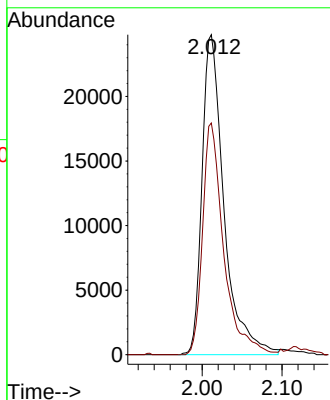
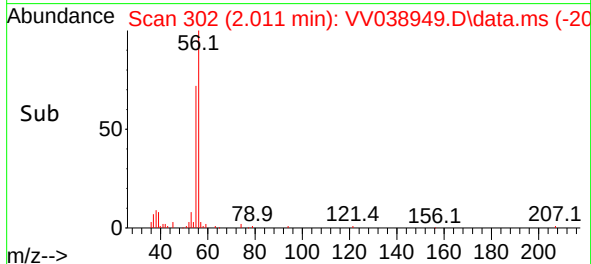
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



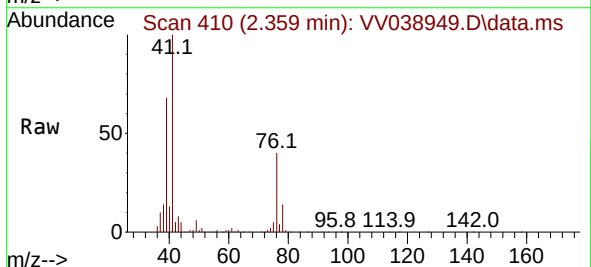
Tgt Ion: 56 Resp: 47314
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3

Manual Integrations
APPROVED

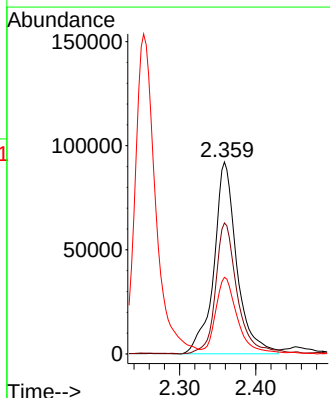
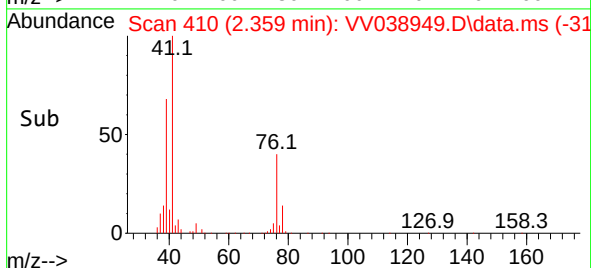
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

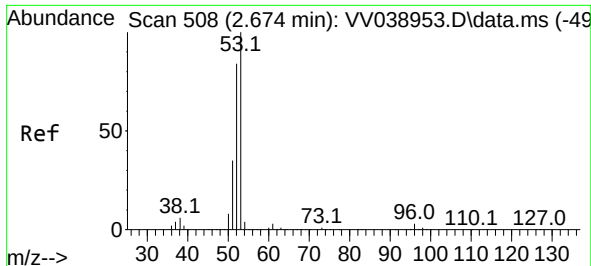


#14
Allyl chloride
Concen: 19.638 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



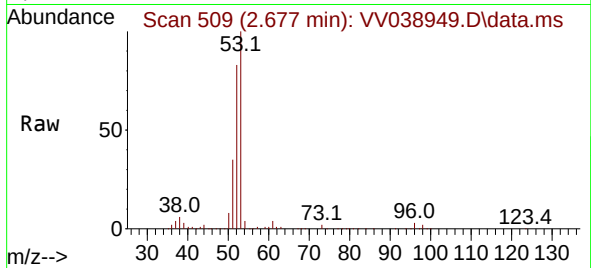
Tgt Ion: 41 Resp: 192330
Ion Ratio Lower Upper
41 100
39 65.3 49.8 74.6
76 36.7 29.4 44.2





#15
Acrylonitrile
Concen: 97.302 ug/l
RT: 2.677 min Scan# 509
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

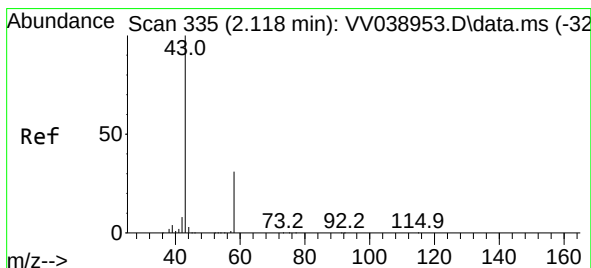
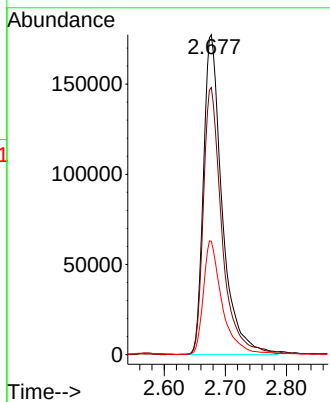
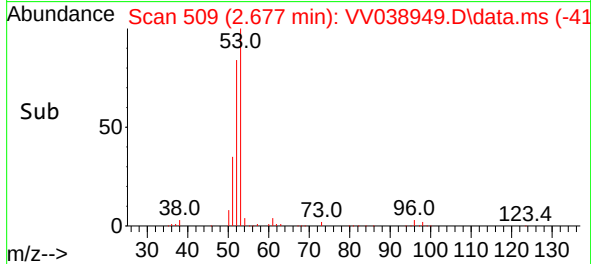
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 376928
Ion Ratio Lower Upper
53 100
52 82.5 66.6 99.8
51 35.7 28.5 42.7

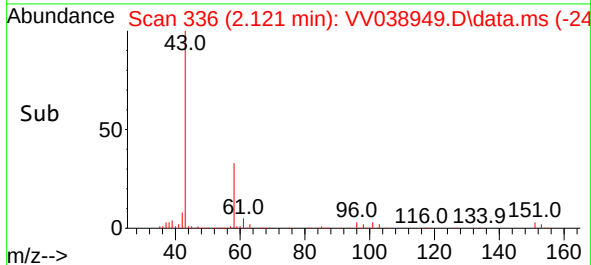
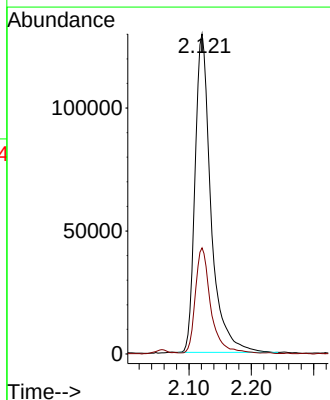
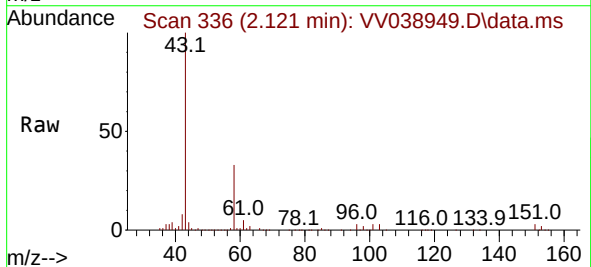
Manual Integrations
APPROVED

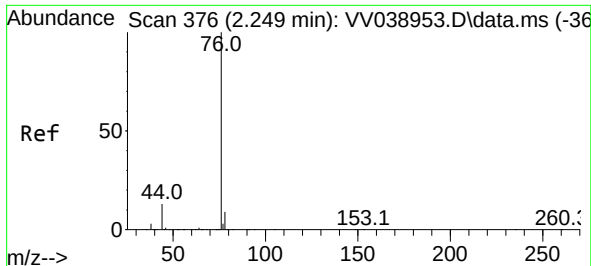
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#16
Acetone
Concen: 80.065 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

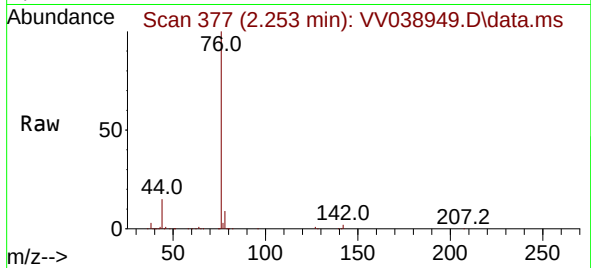
Tgt Ion: 43 Resp: 229173
Ion Ratio Lower Upper
43 100
58 33.2 25.3 37.9





#17
Carbon Disulfide
Concen: 15.995 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

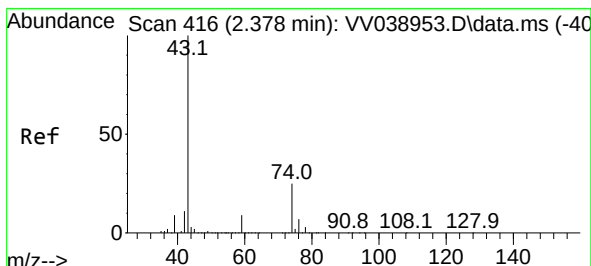
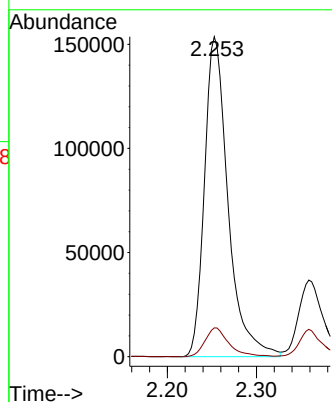
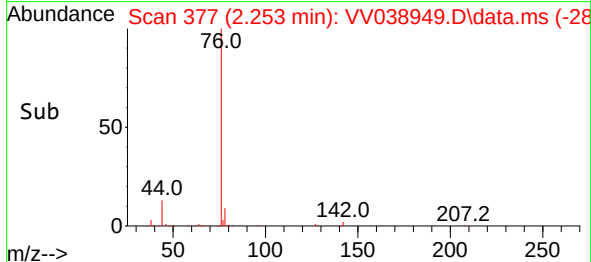
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



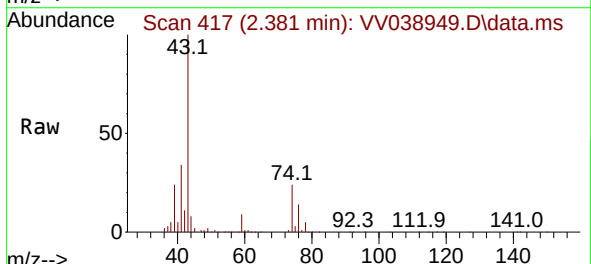
Tgt Ion: 76 Resp: 282698
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

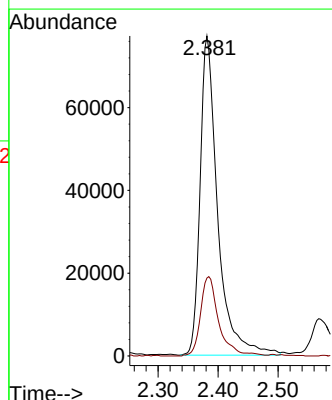
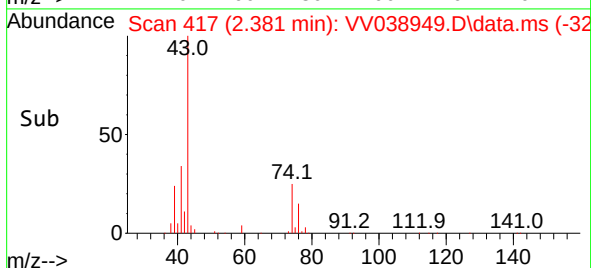
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

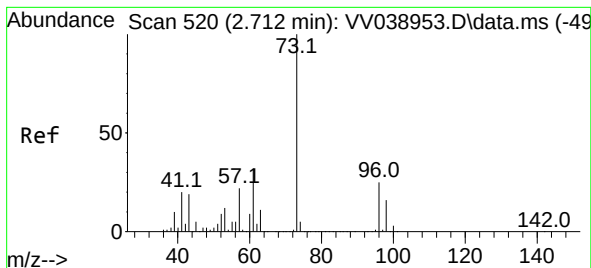


#18
Methyl Acetate
Concen: 21.173 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



Tgt Ion: 43 Resp: 157313
Ion Ratio Lower Upper
43 100
74 25.8 20.3 30.5





#19

Methyl tert-butyl Ether

Concen: 19.485 ug/l

RT: 2.716 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 39981

Ion Ratio Lower Upper

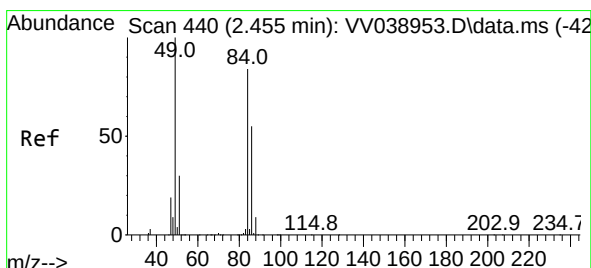
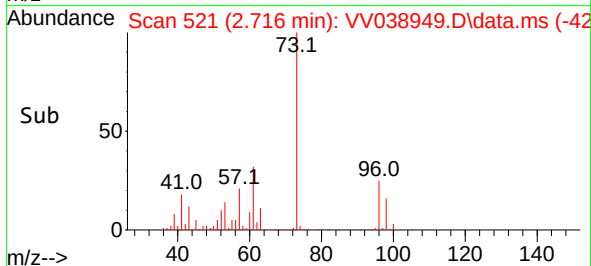
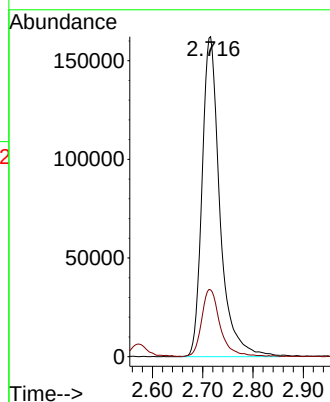
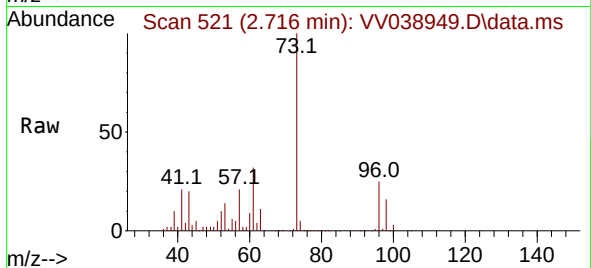
73 100

57 20.8 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#20

Methylene Chloride

Concen: 20.357 ug/l

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Tgt Ion: 84 Resp: 135718

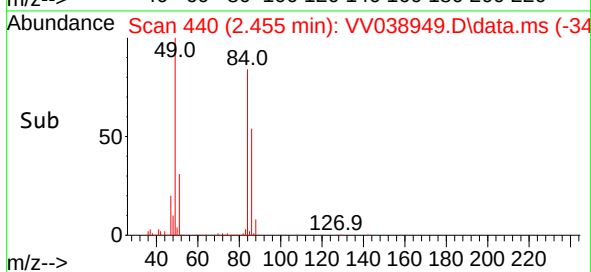
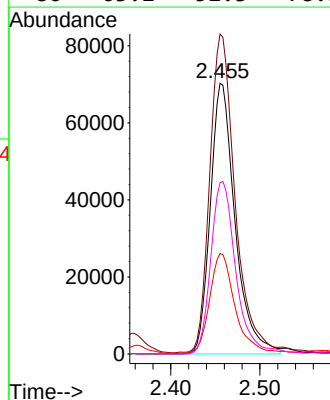
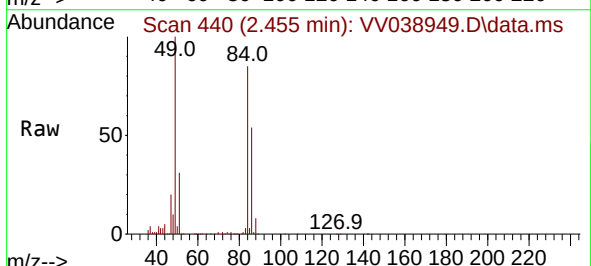
Ion Ratio Lower Upper

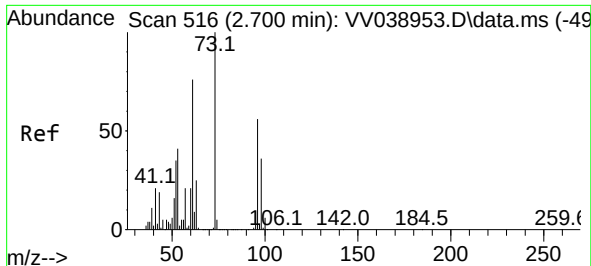
84 100

49 117.5 95.8 143.6

51 36.8 29.0 43.4

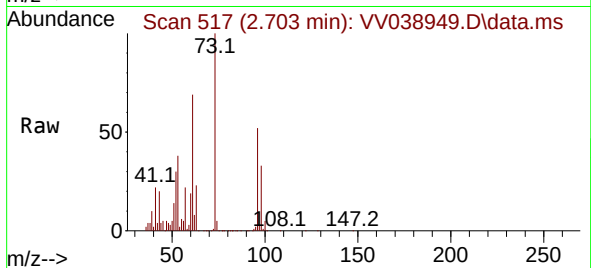
86 63.2 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.993 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

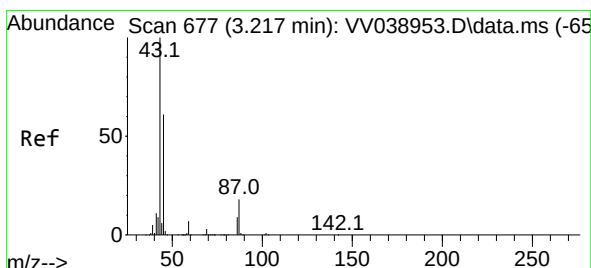
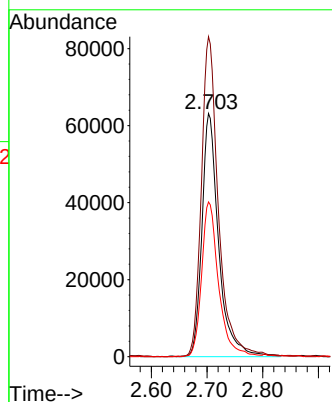
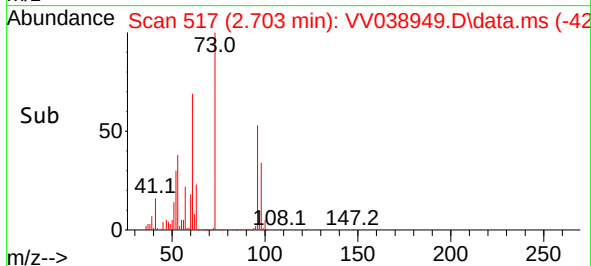
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 131730
Ion Ratio Lower Upper
96 100
61 131.4 108.2 162.4
98 63.6 51.7 77.5

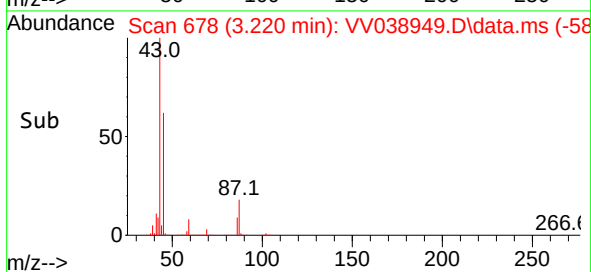
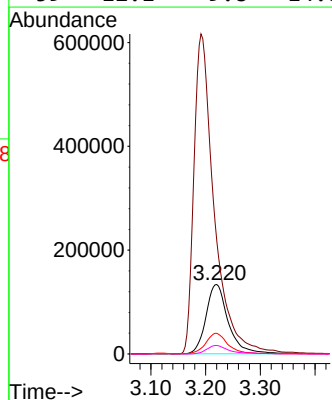
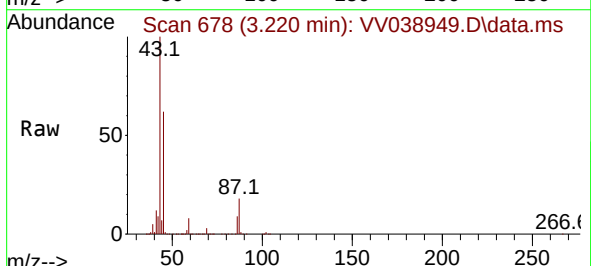
Manual Integrations
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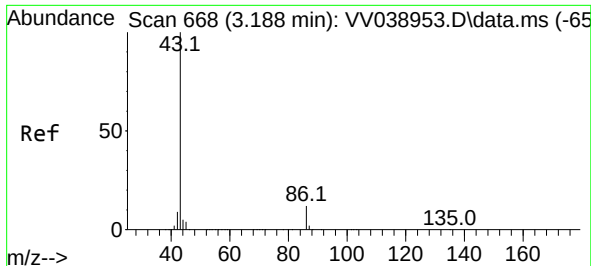
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#22
Diisopropyl ether
Concen: 20.184 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 45 Resp: 376146
Ion Ratio Lower Upper
45 100
43 162.4 132.2 198.2
87 29.5 24.1 36.1
59 12.1 9.8 14.8





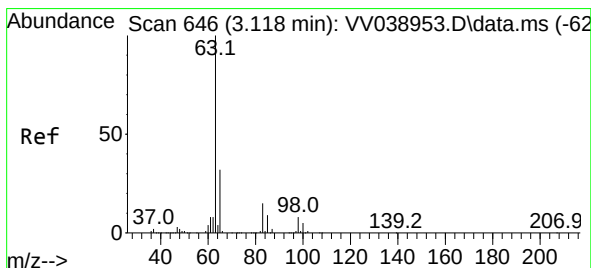
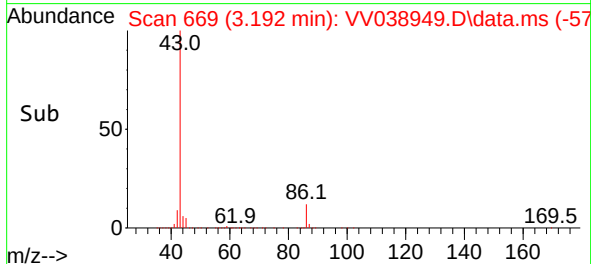
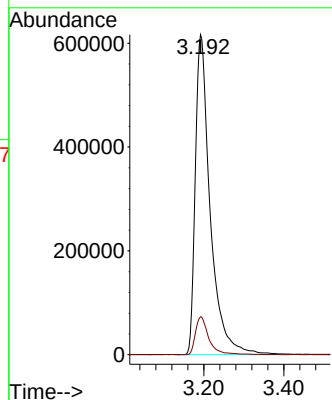
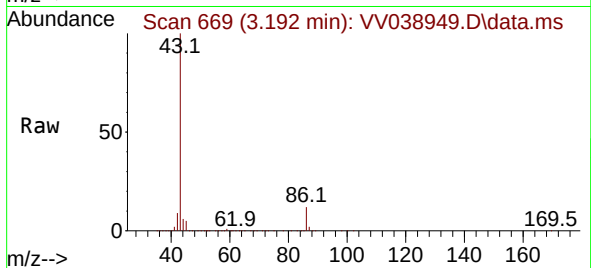
#23
 Vinyl Acetate
 Concen: 102.130 ug/l
 RT: 3.192 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV038949.D
 Acq: 13 Aug 2025 13:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 159858
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.3 13.9

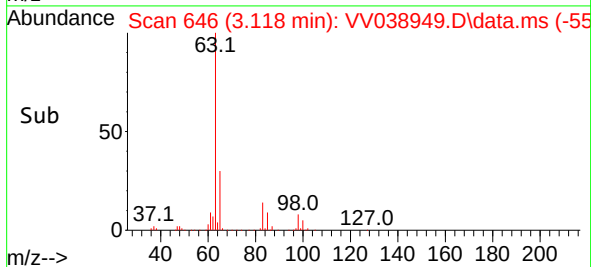
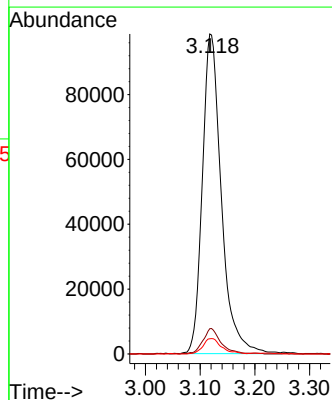
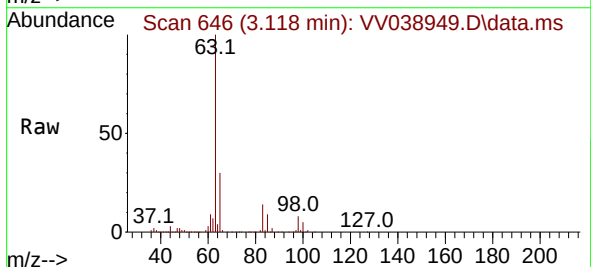
Manual Integrations
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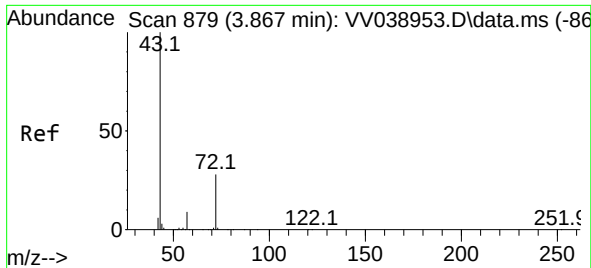
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#24
 1,1-Dichloroethane
 Concen: 20.370 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038949.D
 Acq: 13 Aug 2025 13:45

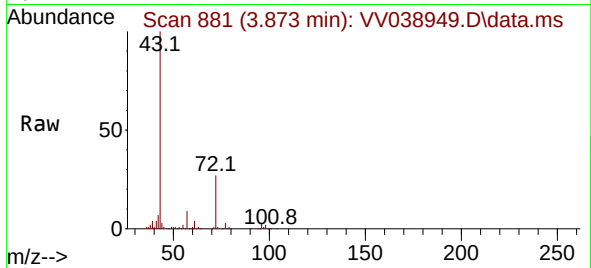
Tgt Ion: 63 Resp: 237555
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 100.620 ug/l
RT: 3.873 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

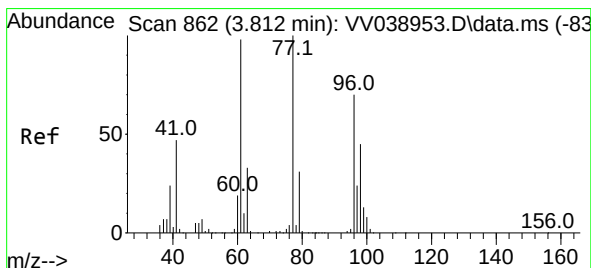
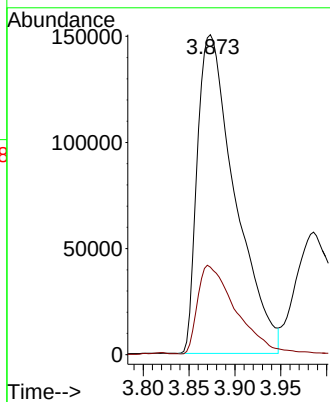
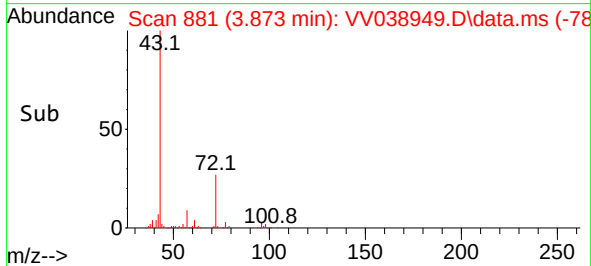
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 430130
Ion Ratio Lower Upper
43 100
72 27.2 22.5 33.7

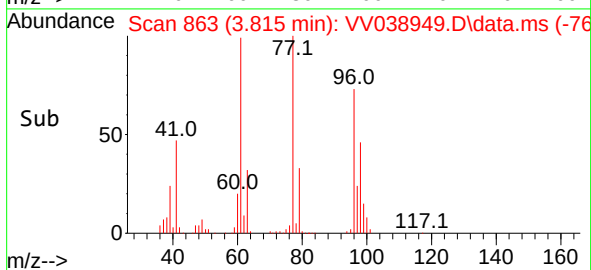
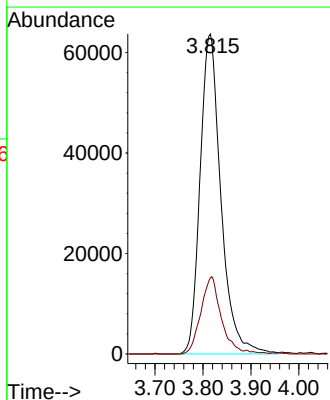
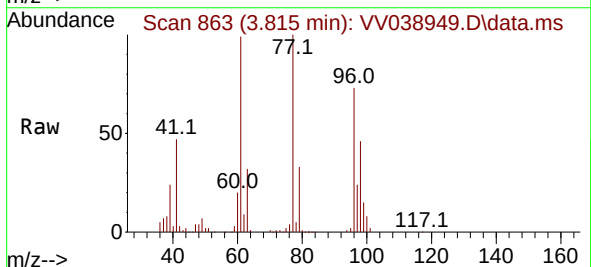
Manual Integrations
APPROVED

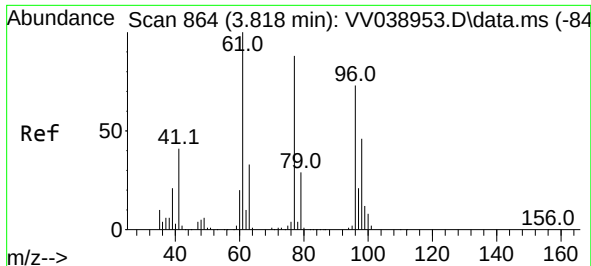
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#26
2,2-Dichloropropane
Concen: 18.758 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

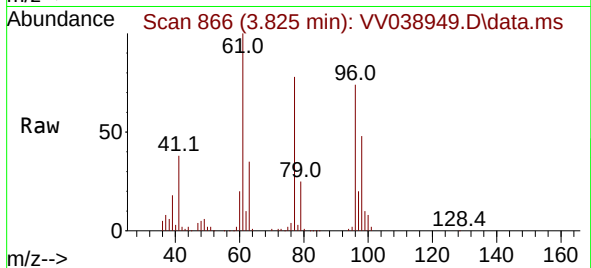
Tgt Ion: 77 Resp: 191893
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.058 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV038949.D
 Acq: 13 Aug 2025 13:45

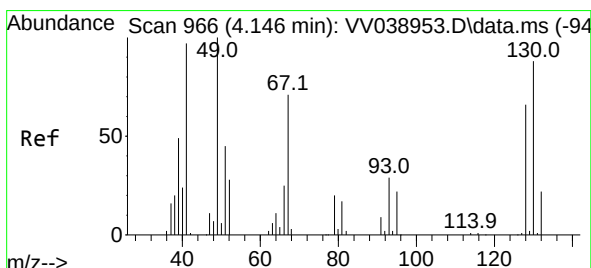
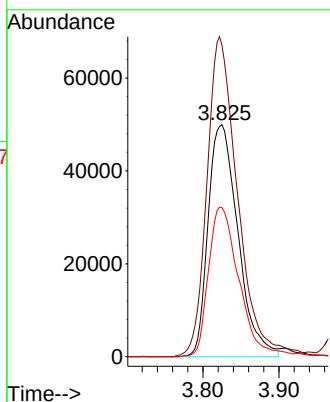
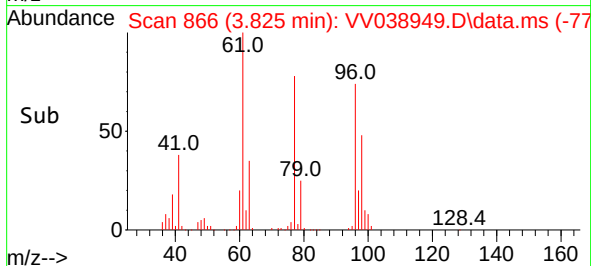
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 136349
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 280.2
 98 65.6 0.0 129.2

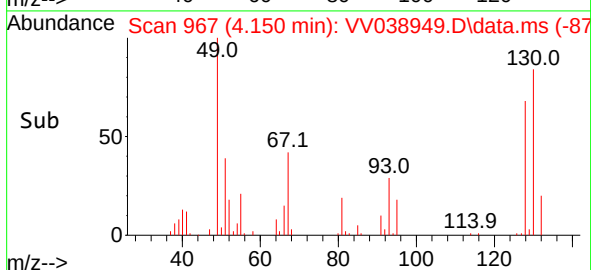
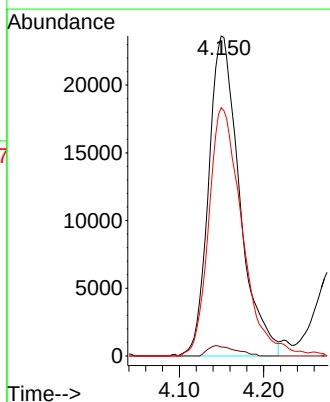
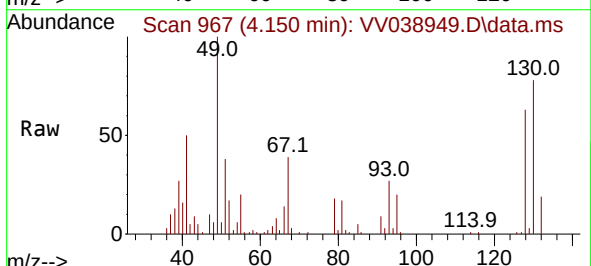
Manual Integrations
 APPROVED

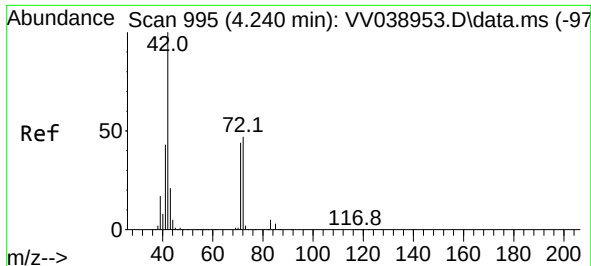
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#28
 Bromochloromethane
 Concen: 18.901 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV038949.D
 Acq: 13 Aug 2025 13:45

Tgt Ion: 49 Resp: 60258
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.8
 130 83.6 68.2 102.2





#29

Tetrahydrofuran

Concen: 105.824 ug/l

RT: 4.243 min Scan# 995

Delta R.T. 0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 291390

Ion Ratio Lower Upper

42 100

72 46.2 39.4 59.2

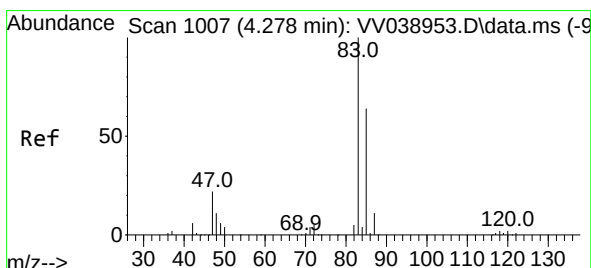
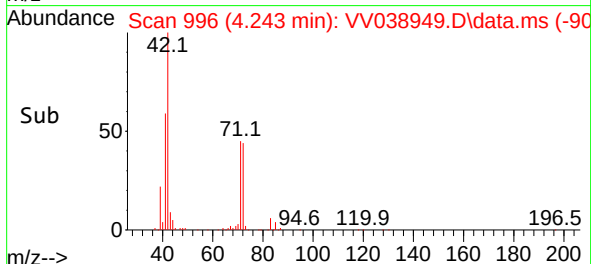
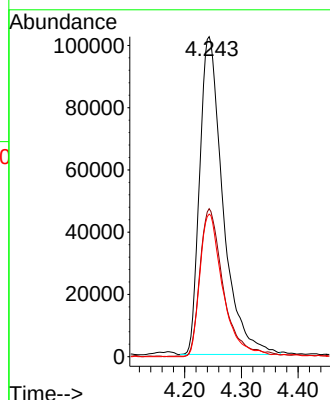
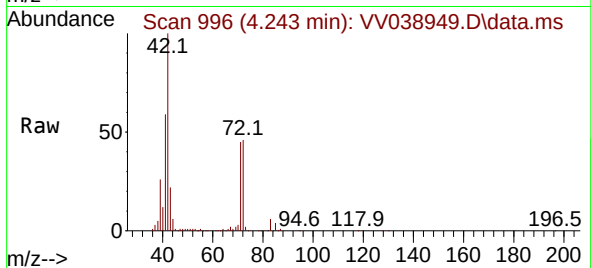
71 44.6 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025

Supervised By :Semsettin Yesilyurt 08/18/2025



#30

Chloroform

Concen: 19.426 ug/l

RT: 4.282 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV038949.D

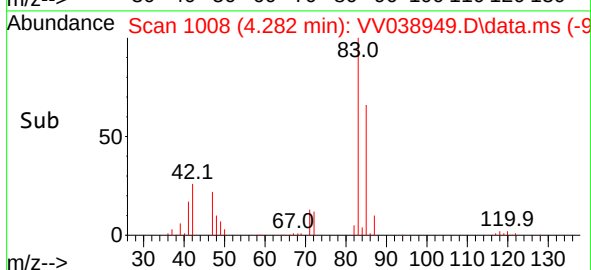
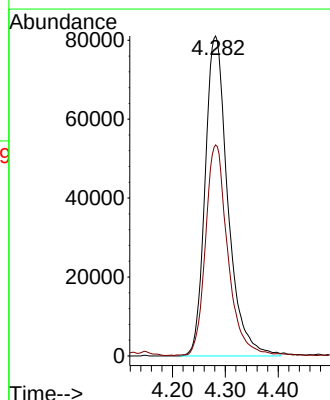
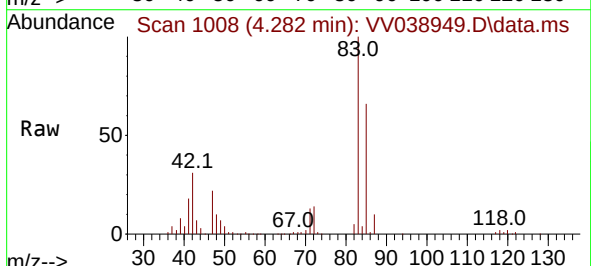
Acq: 13 Aug 2025 13:45

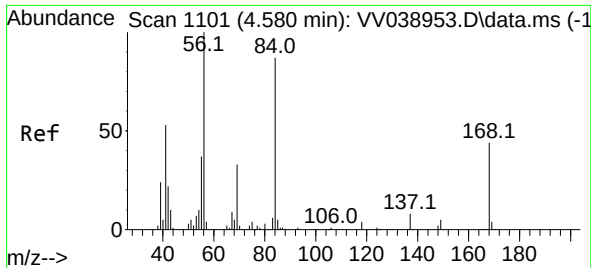
Tgt Ion: 83 Resp: 242102

Ion Ratio Lower Upper

83 100

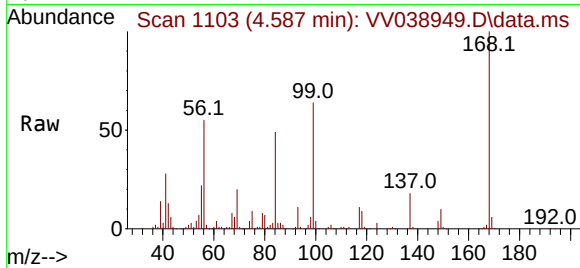
85 65.6 51.4 77.0





#31
Cyclohexane
Concen: 19.002 ug/l
RT: 4.587 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

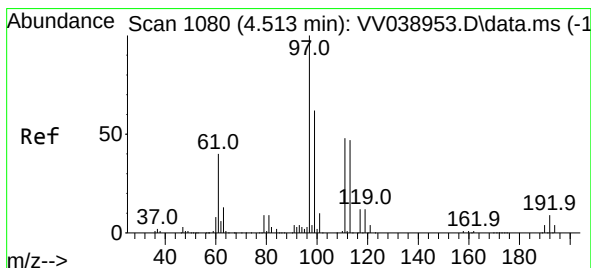
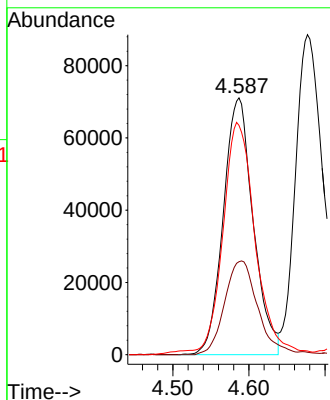
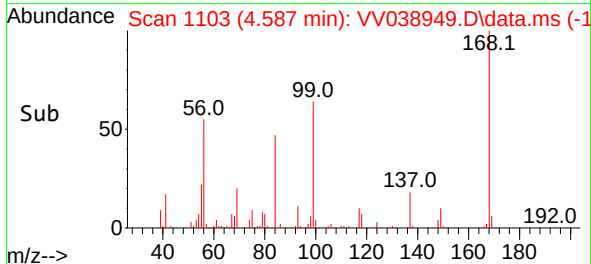
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 19442
Ion Ratio Lower Upper
56 100
69 36.2 26.2 39.4
84 87.9 69.8 104.6

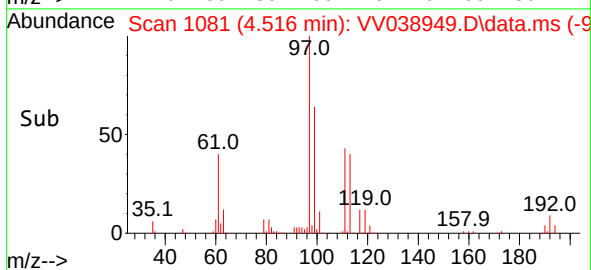
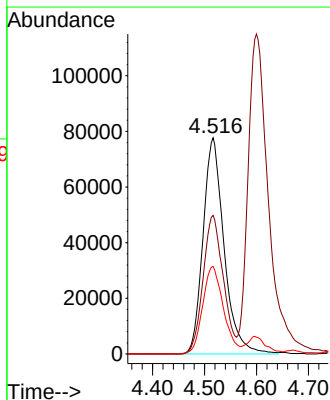
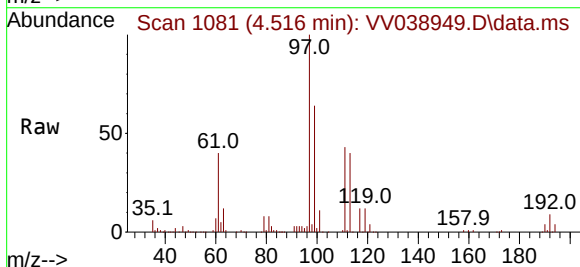
Manual Integrations
APPROVED

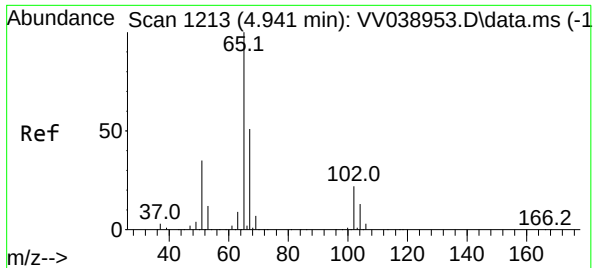
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#32
1,1,1-Trichloroethane
Concen: 19.448 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

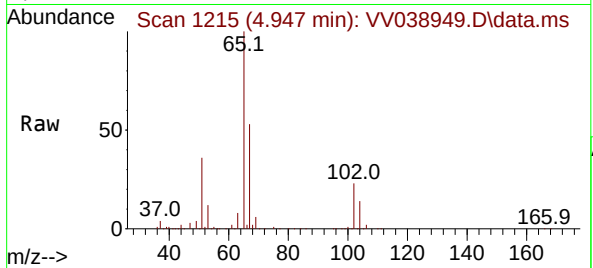
Tgt Ion: 97 Resp: 218491
Ion Ratio Lower Upper
97 100
99 61.3 49.2 73.8
61 40.0 32.0 48.0





#33
1,2-Dichloroethane-d4
Concen: 18.397 ug/l
RT: 4.947 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

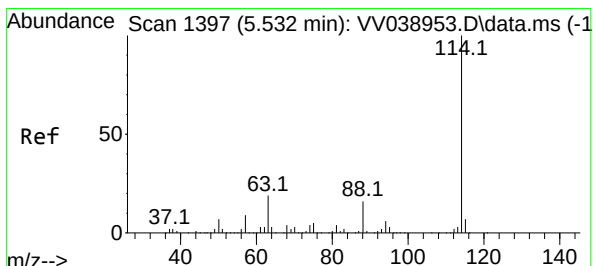
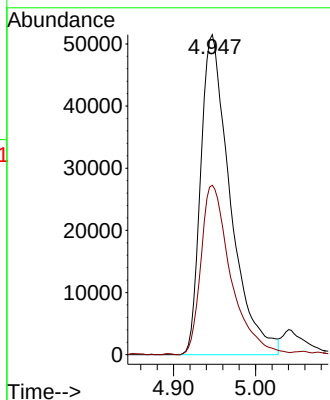
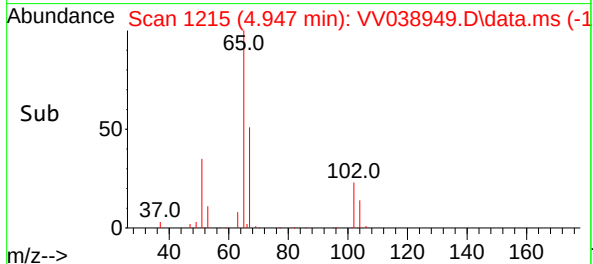
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



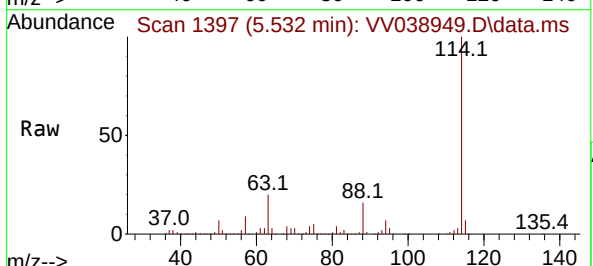
Tgt Ion: 65 Resp: 128644
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.6

Manual Integrations
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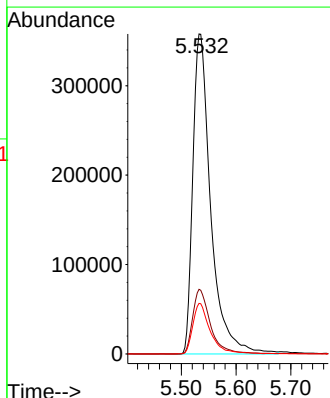
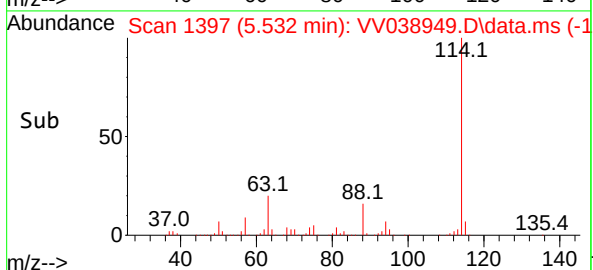
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

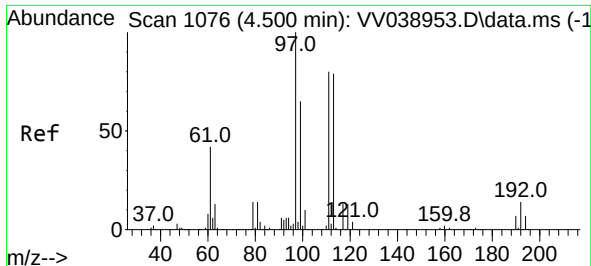


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



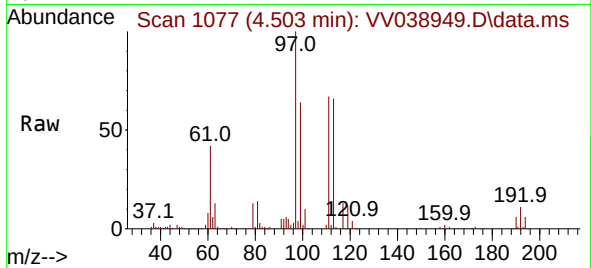
Tgt Ion:114 Resp: 814221
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.8
88 15.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 18.923 ug/l
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

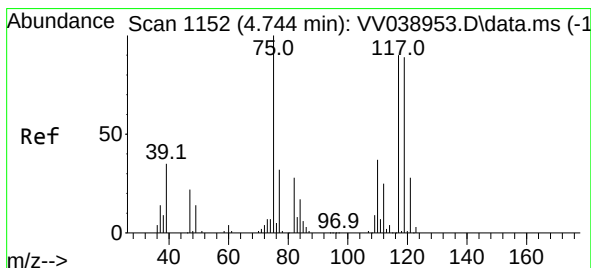
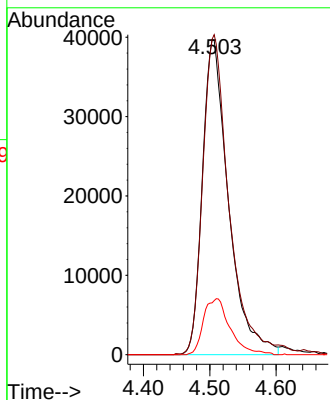
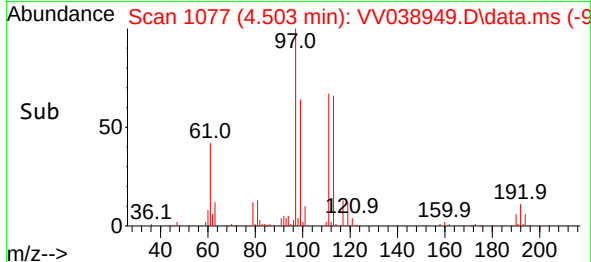
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 108539
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 18.2 14.8 22.2

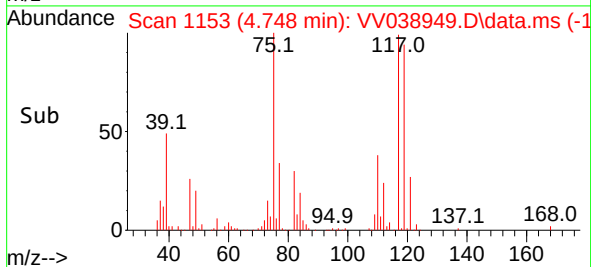
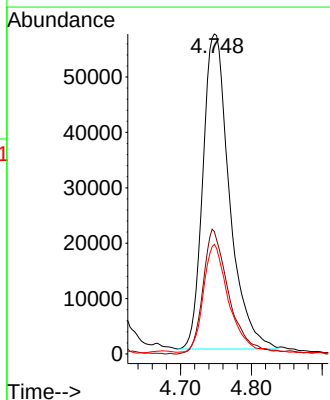
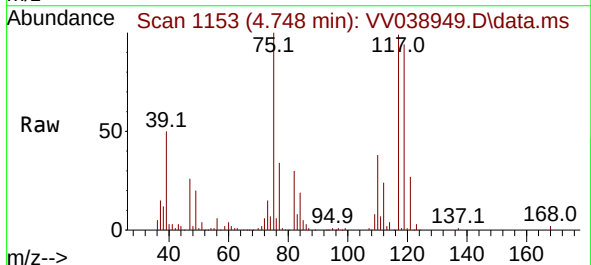
Manual Integrations
APPROVED

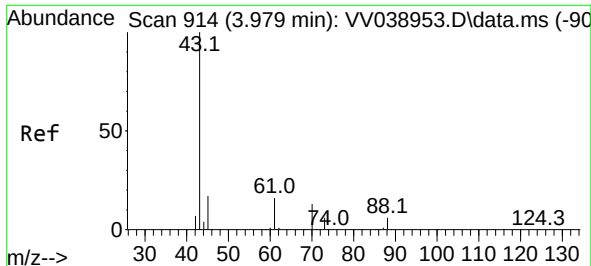
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#36
1,1-Dichloropropene
Concen: 19.625 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

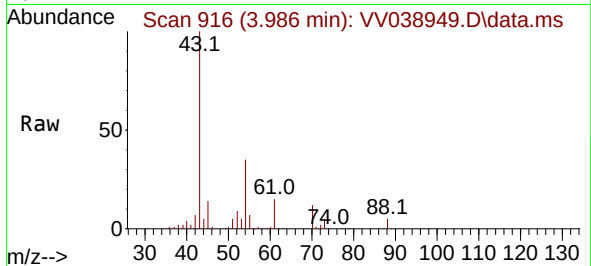
Tgt Ion: 75 Resp: 148044
Ion Ratio Lower Upper
75 100
110 38.7 18.3 54.8
77 32.2 25.0 37.4





#37
Ethyl Acetate
Concen: 18.883 ug/l
RT: 3.986 min Scan# 914
Delta R.T. 0.006 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

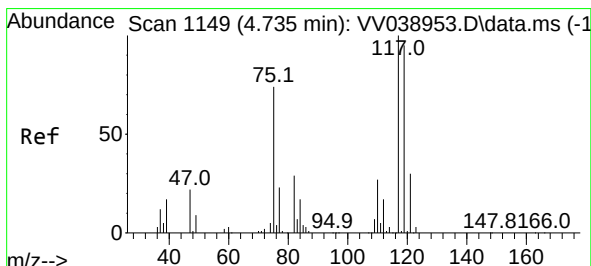
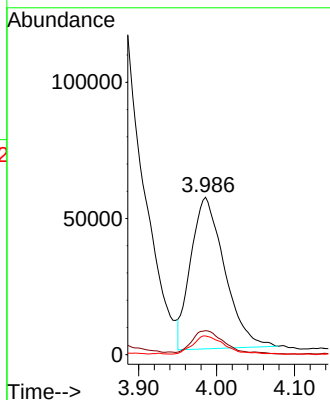
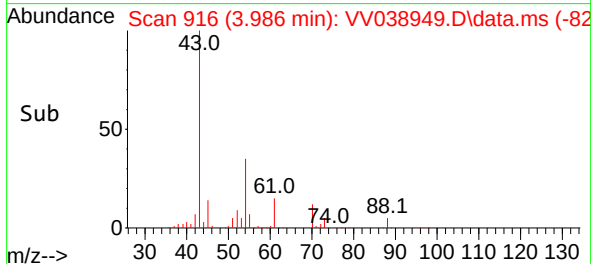
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 167682
Ion Ratio Lower Upper
43 100
61 12.8 11.1 16.7
70 11.2 8.4 12.6

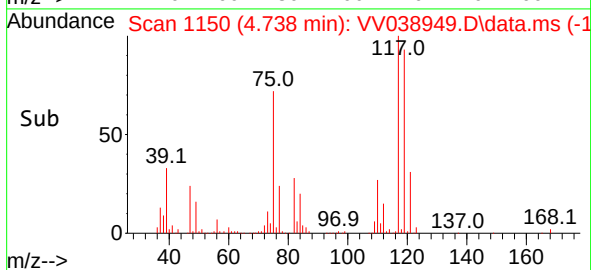
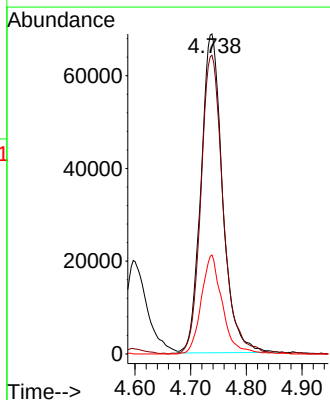
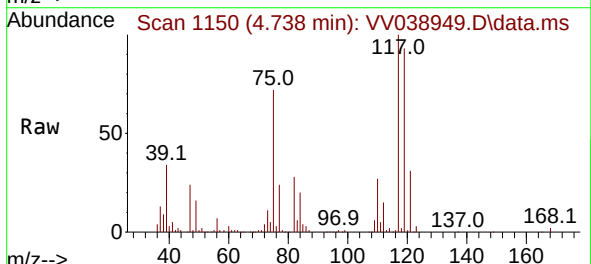
Manual Integrations
APPROVED

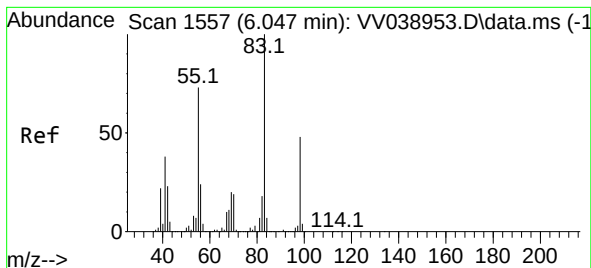
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#38
Carbon Tetrachloride
Concen: 20.802 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion:117 Resp: 185002
Ion Ratio Lower Upper
117 100
119 93.4 75.4 113.0
121 31.1 23.8 35.8





#39

Methylcyclohexane

Concen: 19.496 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

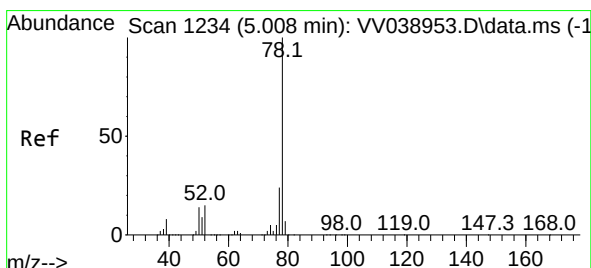
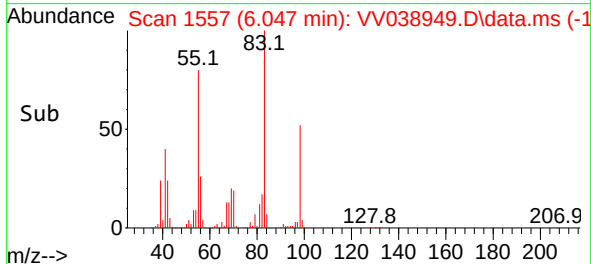
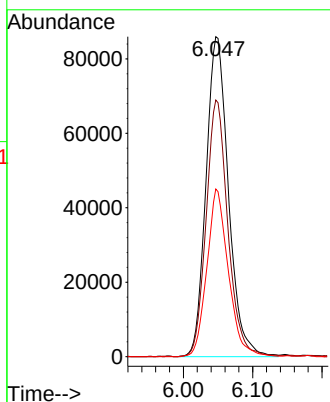
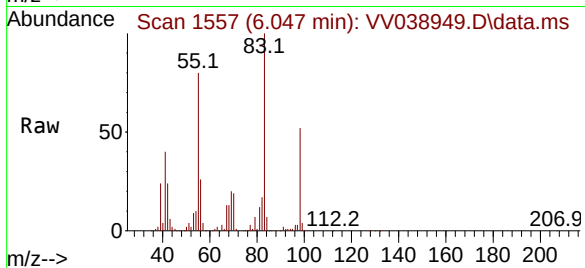
VSTDICC020

Tgt Ion:	83	Resp:	19325
Ion Ratio	Lower	Upper	
83	100		
55	80.2	58.4	87.6
98	52.4	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#40

Benzene

Concen: 20.190 ug/l

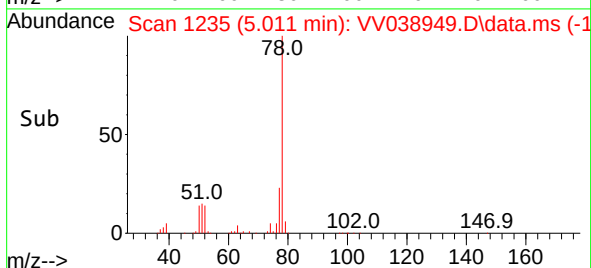
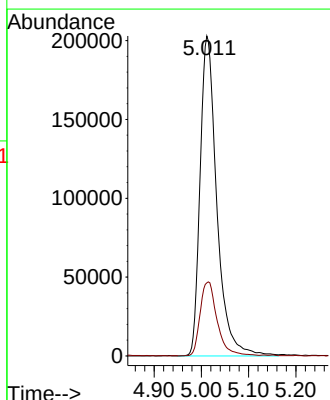
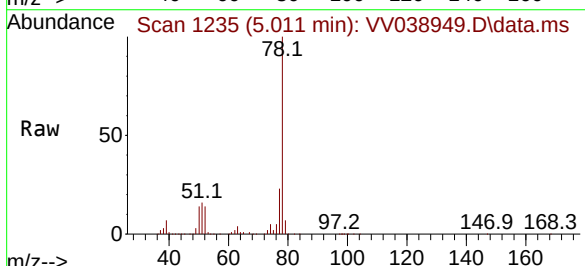
RT: 5.011 min Scan# 1235

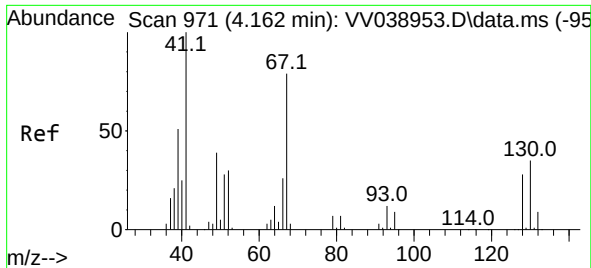
Delta R.T. 0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

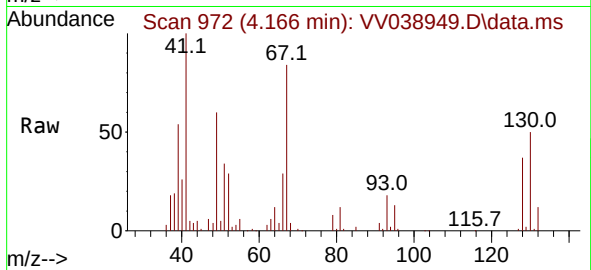
Tgt Ion:	78	Resp:	499241
Ion Ratio	Lower	Upper	
78	100		
77	22.8	18.8	28.2





#41
Methacrylonitrile
Concen: 20.558 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

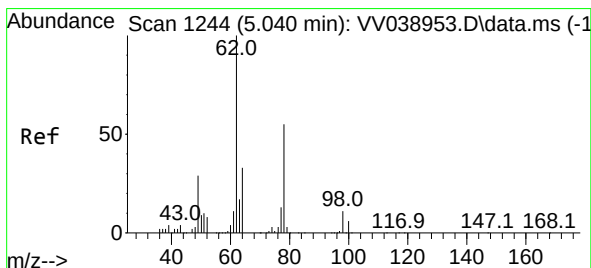
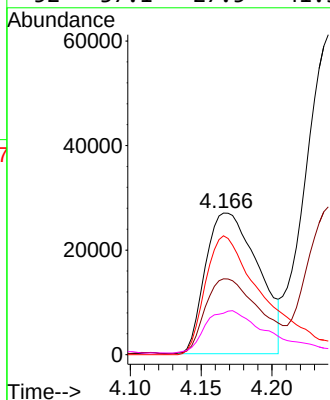
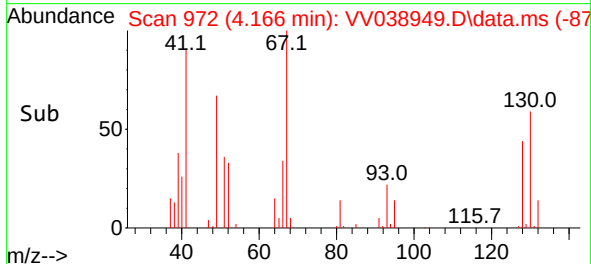
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 69830
Ion Ratio Lower Upper
41 100
39 55.0 41.4 62.2
67 98.0 72.0 108.0
52 37.1 27.5 41.3

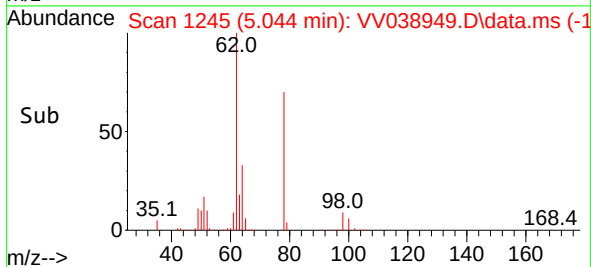
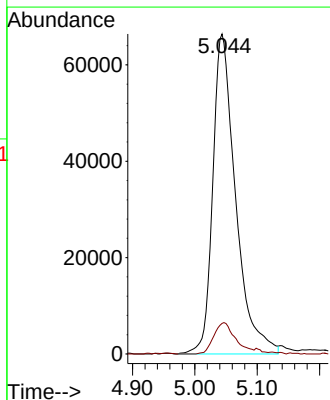
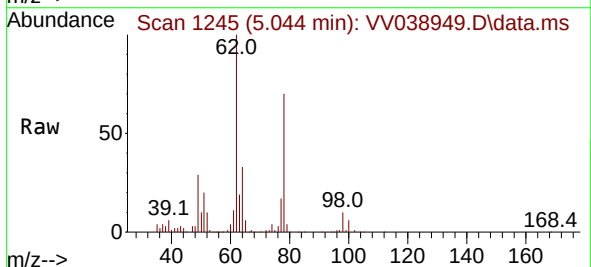
Manual Integrations
APPROVED

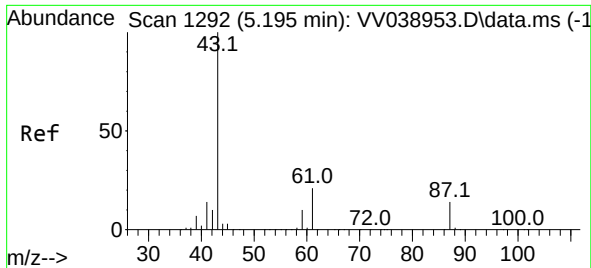
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#42
1,2-Dichloroethane
Concen: 19.849 ug/l
RT: 5.044 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 62 Resp: 169018
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





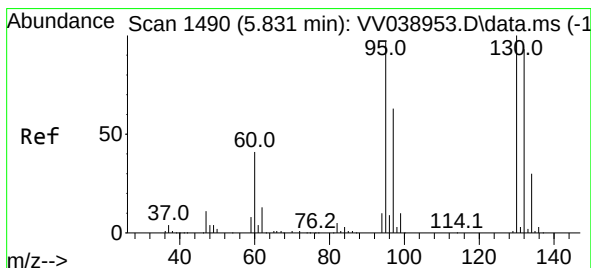
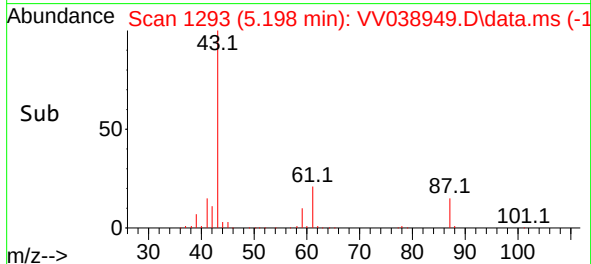
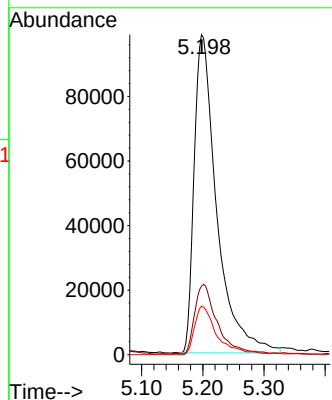
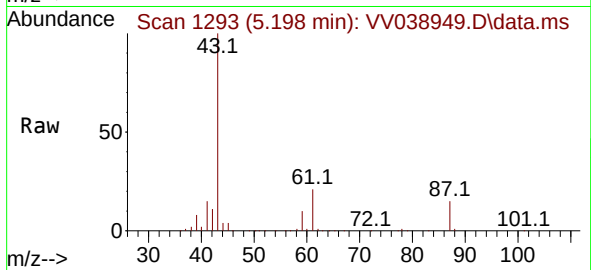
#43
Isopropyl Acetate
Concen: 21.060 ug/l
RT: 5.198 min Scan# 1292
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 25337
Ion Ratio Lower Upper
43 100
61 21.6 17.0 25.6
87 15.0 11.3 16.9

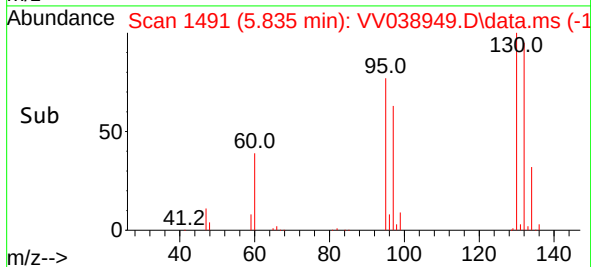
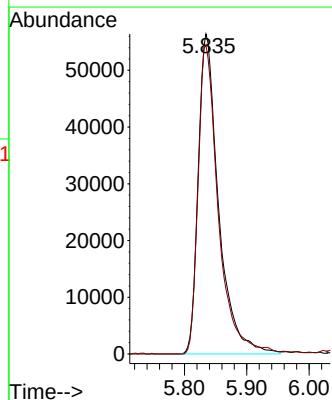
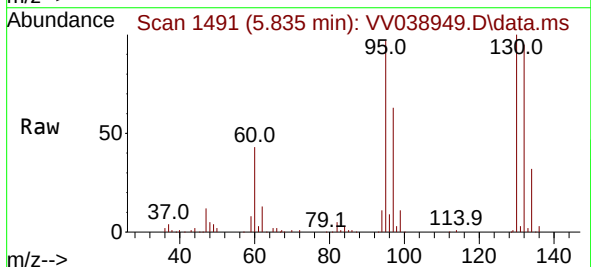
Manual Integrations
APPROVED

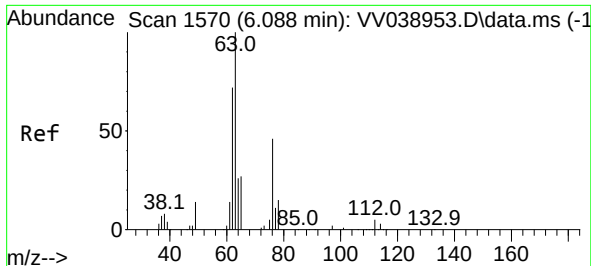
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#44
Trichloroethene
Concen: 19.996 ug/l
RT: 5.835 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion:130 Resp: 127983
Ion Ratio Lower Upper
130 100
95 96.6 0.0 193.4





#45

1,2-Dichloropropane

Concen: 20.248 ug/l

RT: 6.092 min Scan# 11669

Delta R.T. 0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 11669

Ion Ratio Lower Upper

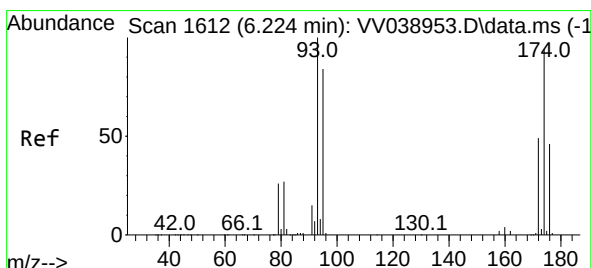
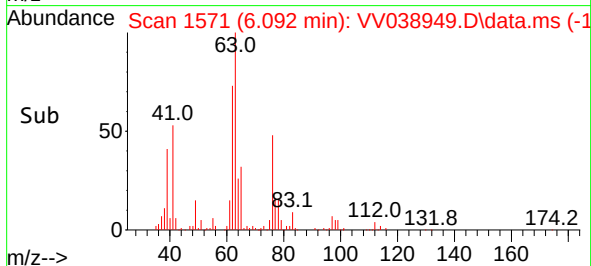
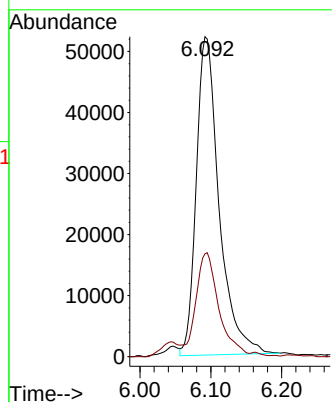
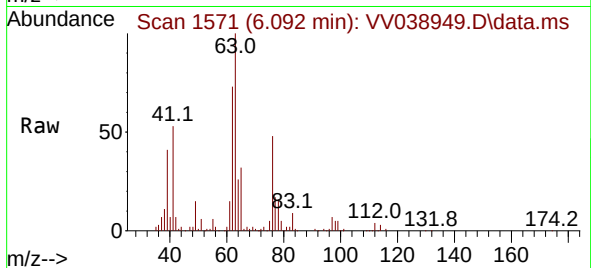
63 100

65 32.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#46

Dibromomethane

Concen: 19.658 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

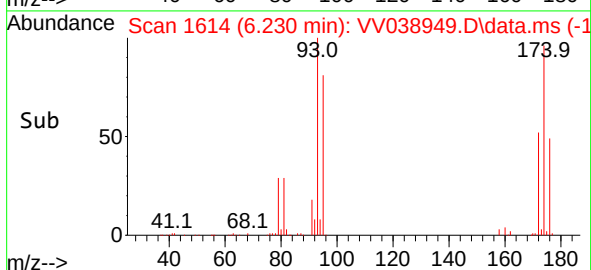
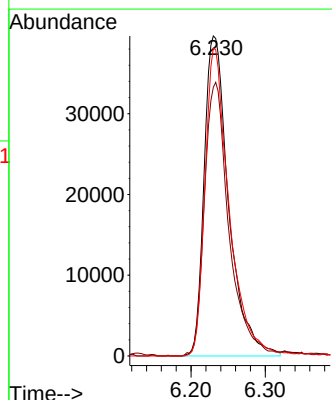
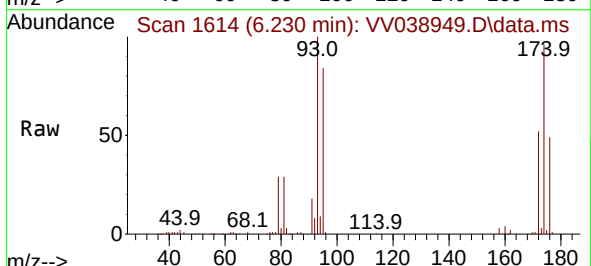
Tgt Ion: 93 Resp: 90796

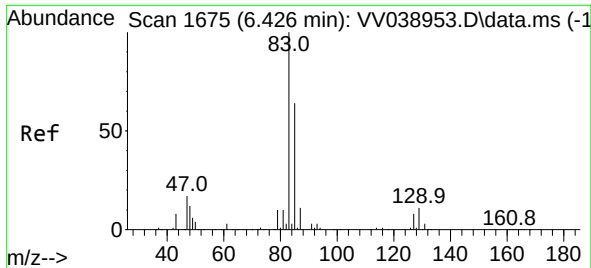
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

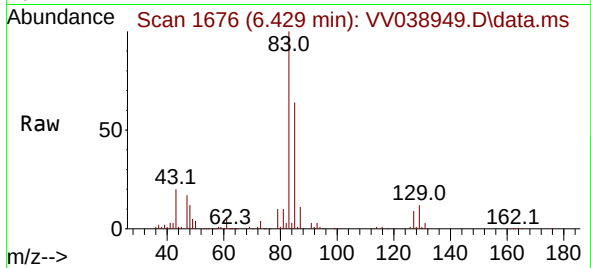
174 95.1 75.5 113.3





#47
Bromodichloromethane
Concen: 20.241 ug/l
RT: 6.429 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

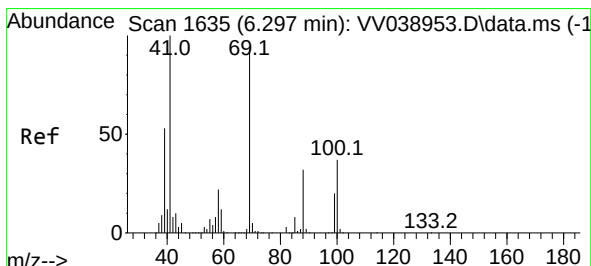
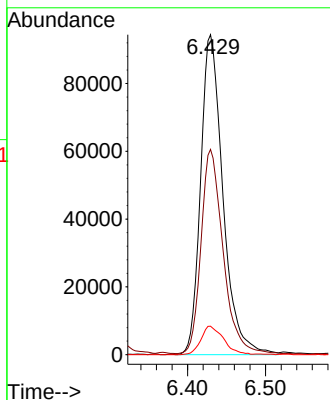
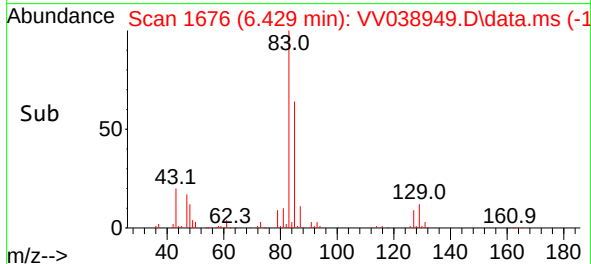
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



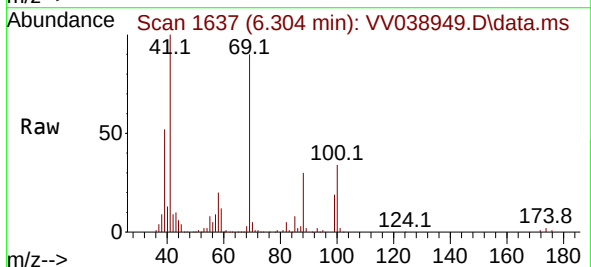
Tgt Ion: 83 Resp: 187919
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 8.9 6.7 10.1

Manual Integrations
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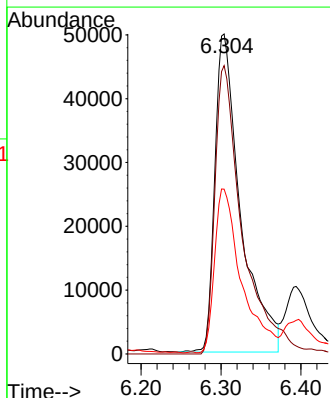
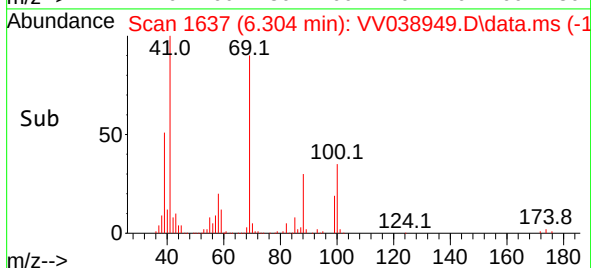
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

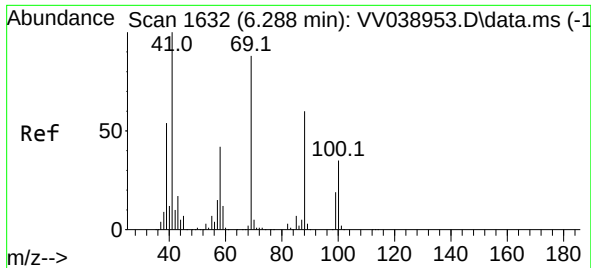


#48
Methyl methacrylate
Concen: 20.091 ug/l
RT: 6.304 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



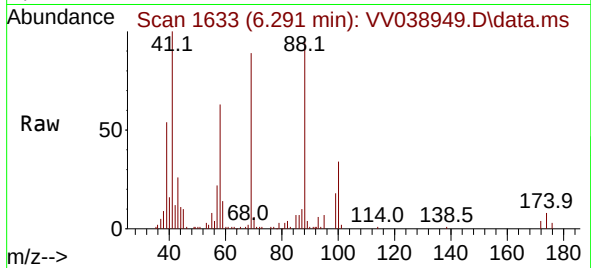
Tgt Ion: 41 Resp: 111360
Ion Ratio Lower Upper
41 100
69 97.1 75.8 113.8
39 53.7 43.0 64.4





#49
1,4-Dioxane
Concen: 433.423 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

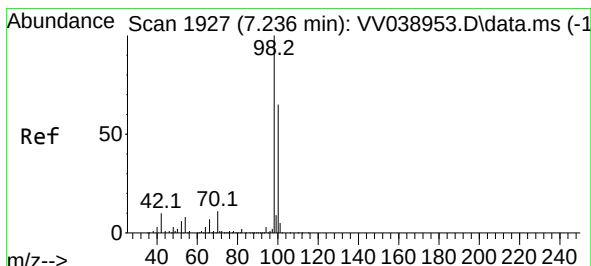
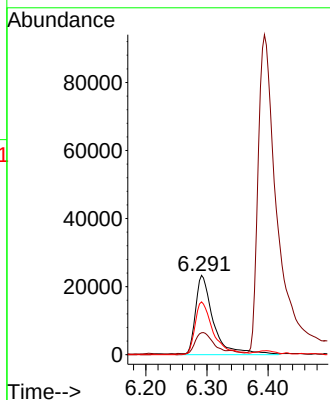
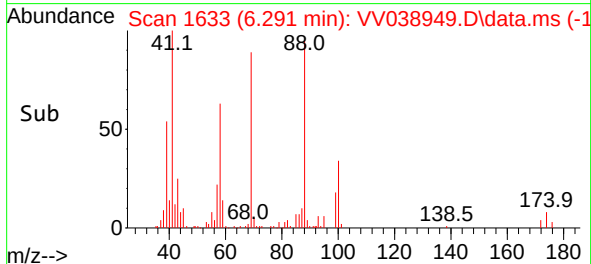
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 47542
Ion Ratio Lower Upper
88 100
43 26.5 23.9 35.9
58 66.8 54.1 81.1

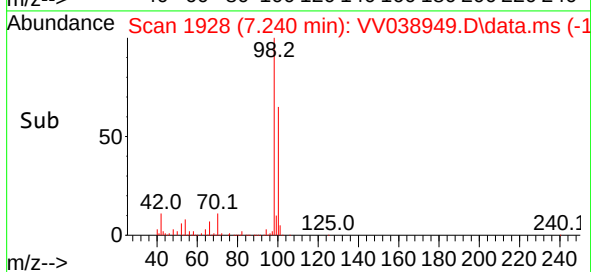
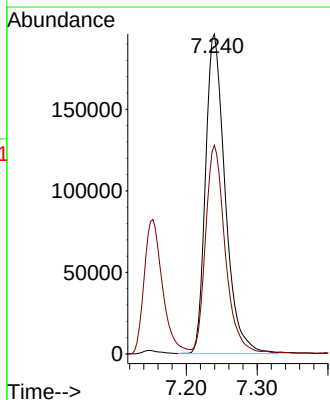
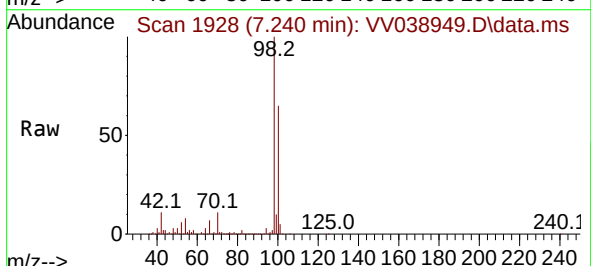
Manual Integrations
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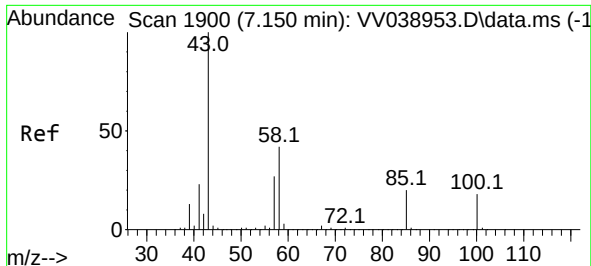
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#50
Toluene-d8
Concen: 18.871 ug/l
RT: 7.240 min Scan# 1928
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 98 Resp: 377092
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6





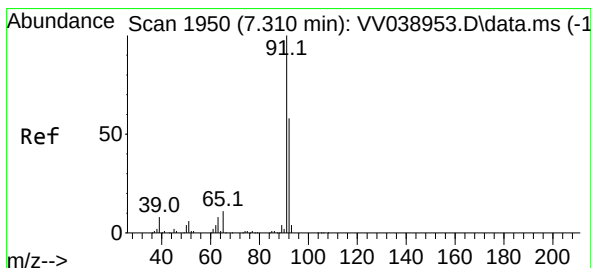
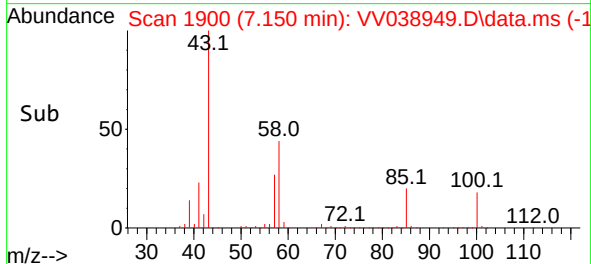
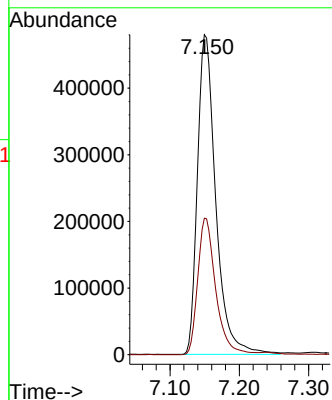
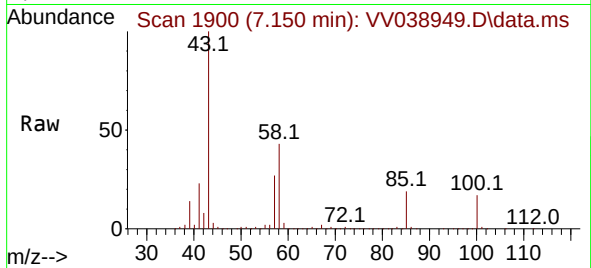
#51
4-Methyl-2-Pentanone
Concen: 108.078 ug/l
RT: 7.150 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 88419
Ion Ratio Lower Upper
43 100
58 41.9 33.2 49.8

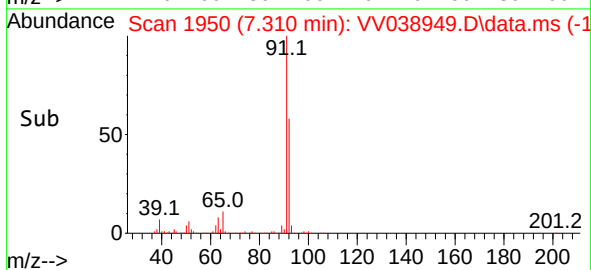
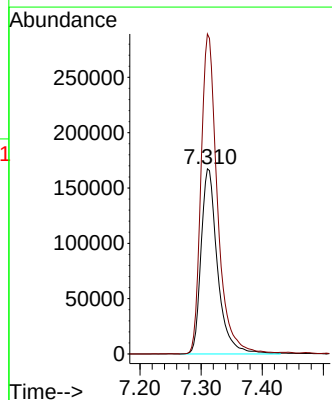
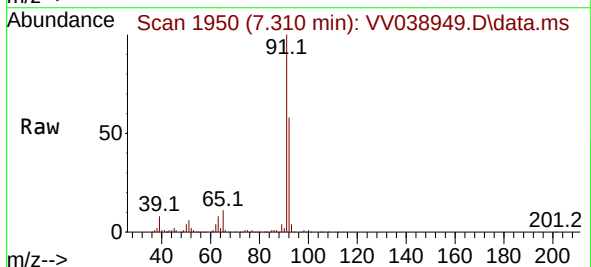
Manual Integrations
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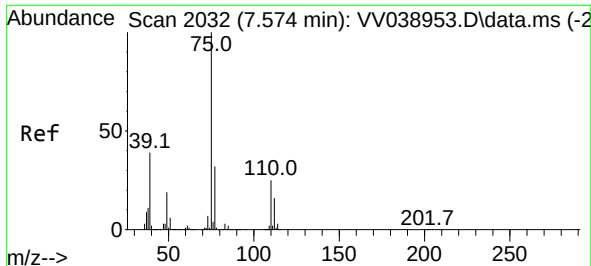
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#52
Toluene
Concen: 20.780 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 92 Resp: 313430
Ion Ratio Lower Upper
92 100
91 172.8 138.9 208.3





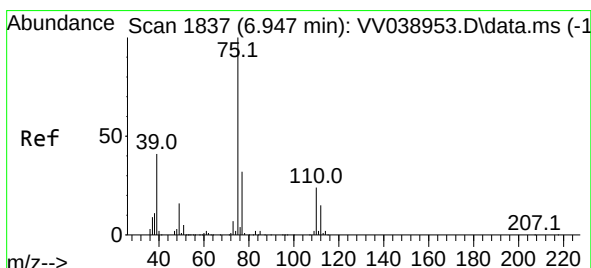
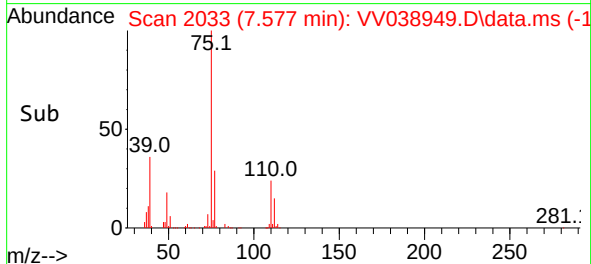
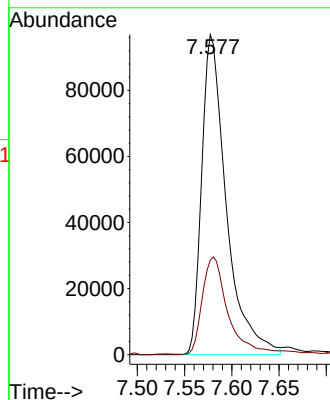
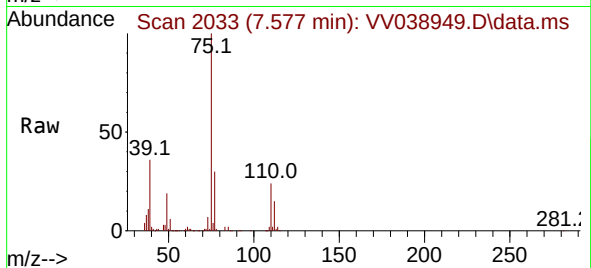
#53
t-1,3-Dichloropropene
Concen: 19.810 ug/l
RT: 7.577 min Scan# 2032
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 175340
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0

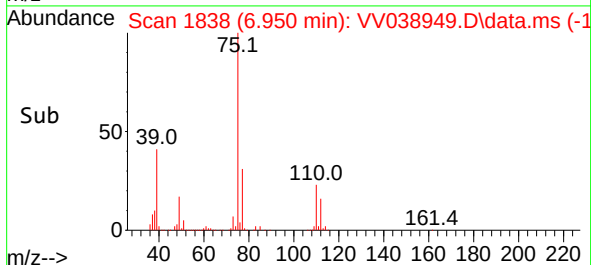
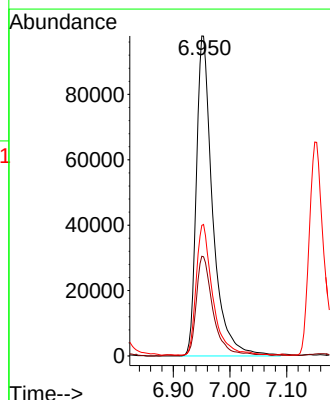
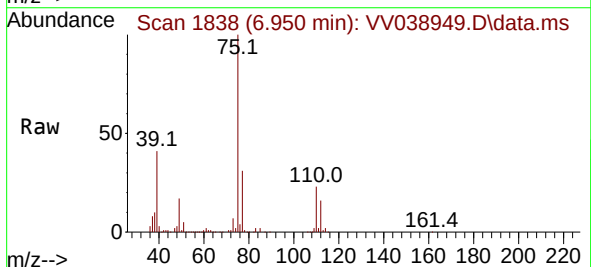
Manual Integrations
APPROVED

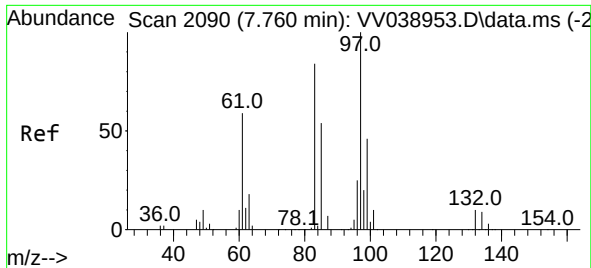
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#54
cis-1,3-Dichloropropene
Concen: 20.137 ug/l
RT: 6.950 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 75 Resp: 195704
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
39 40.5 32.6 49.0





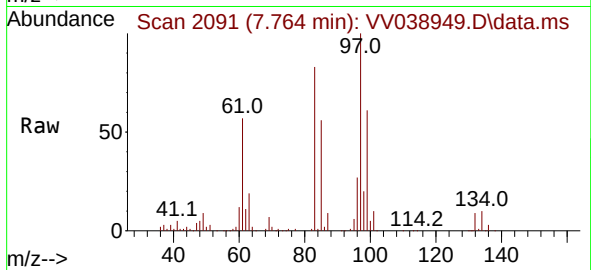
#55
1,1,2-Trichloroethane
Concen: 20.158 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

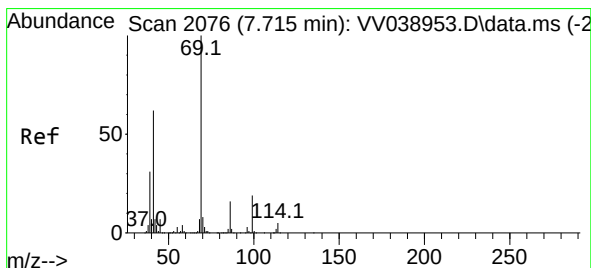
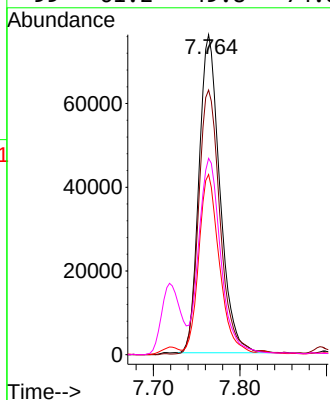
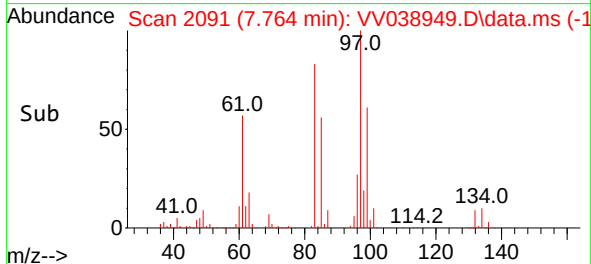


Tgt Ion: 97 Resp: 127032
Ion Ratio Lower Upper
97 100
83 82.9 66.7 100.1
85 56.1 44.5 66.7
99 61.2 49.8 74.8

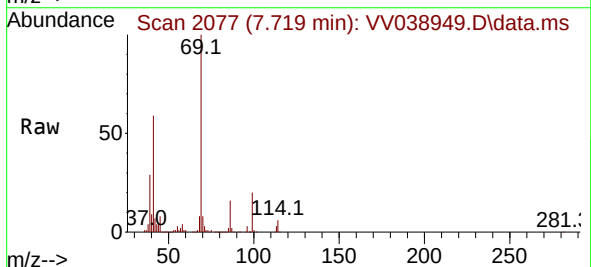
Manual Integrations

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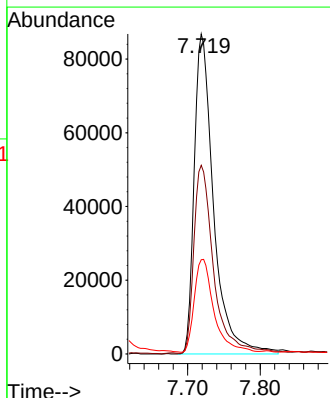
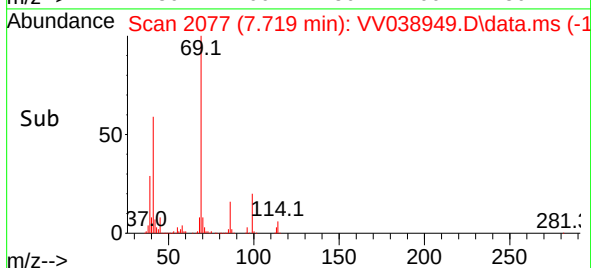
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

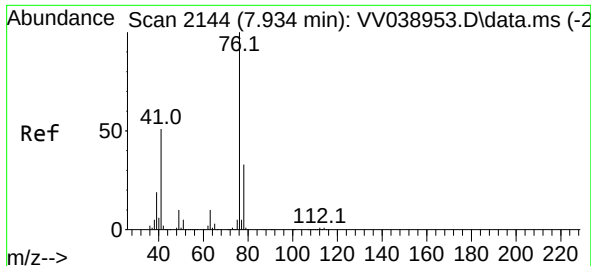


#56
Ethyl methacrylate
Concen: 19.747 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



Tgt Ion: 69 Resp: 161343
Ion Ratio Lower Upper
69 100
41 60.2 48.1 72.1
39 29.3 24.3 36.5





#57

1,3-Dichloropropane

Concen: 19.958 ug/l

RT: 7.937 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 199910

Ion Ratio Lower Upper

76 100

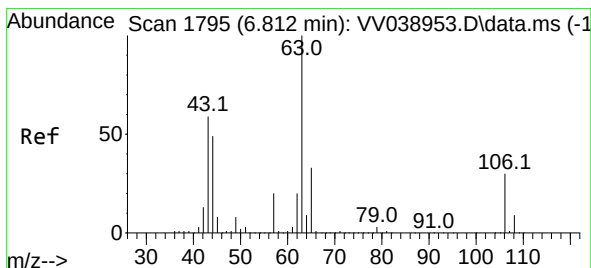
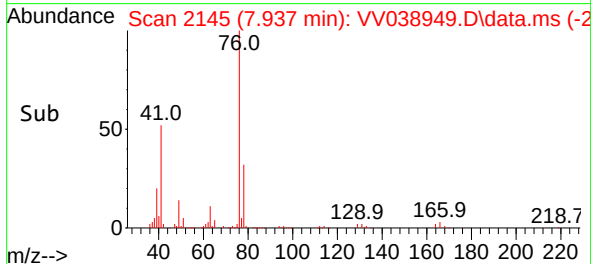
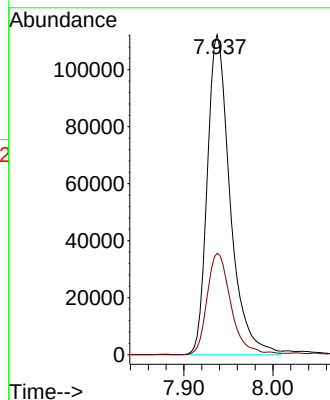
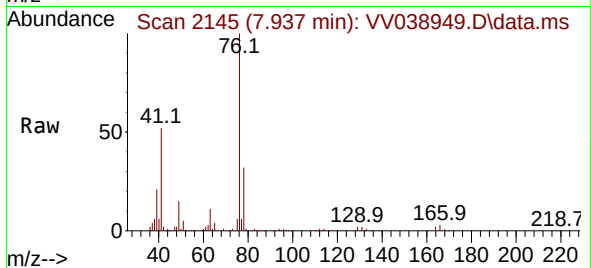
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025

Supervised By :Semsettin Yesilyurt 08/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.686 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.003 min

Lab File: VV038949.D

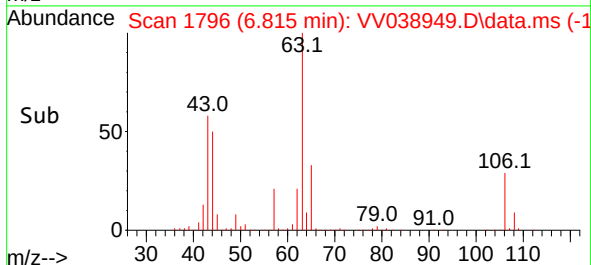
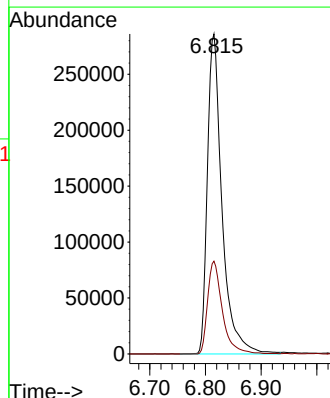
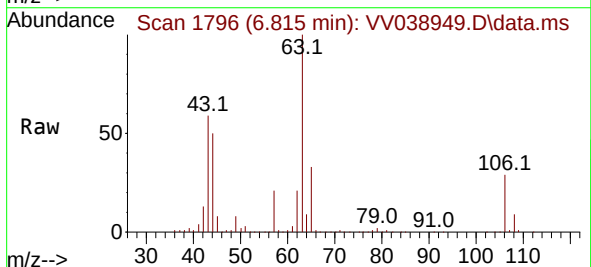
Acq: 13 Aug 2025 13:45

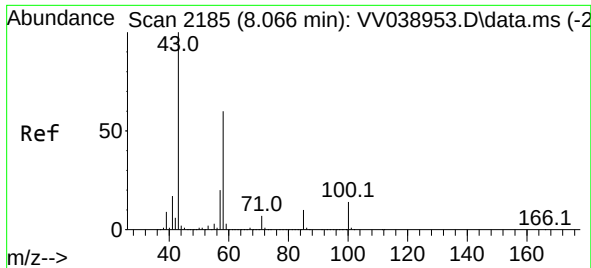
Tgt Ion: 63 Resp: 521492

Ion Ratio Lower Upper

63 100

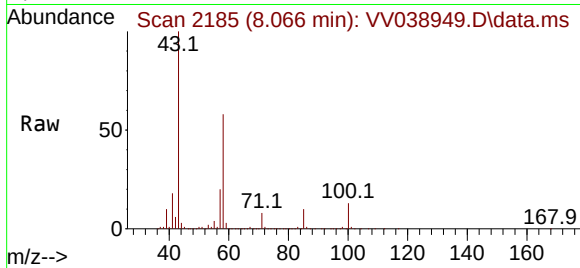
106 29.2 23.8 35.8





#59
2-Hexanone
Concen: 107.946 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

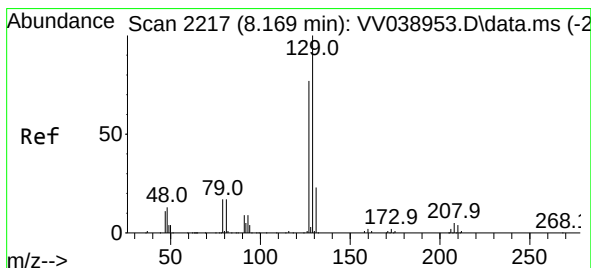
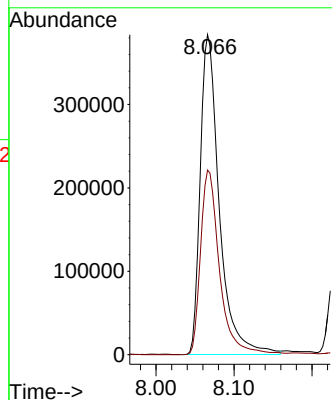
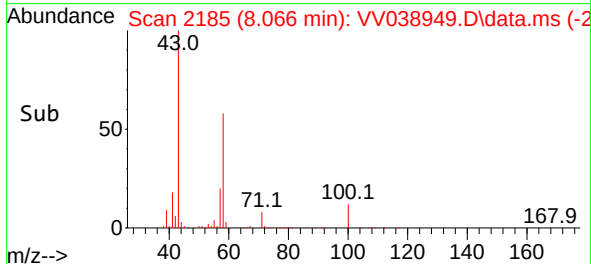
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



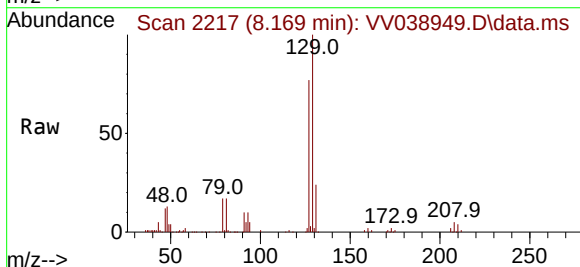
Tgt Ion: 43 Resp: 651218
Ion Ratio Lower Upper
43 100
58 57.6 29.3 87.9

Manual Integrations
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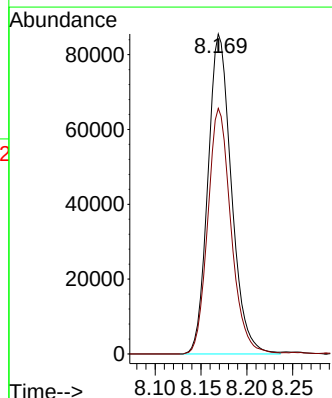
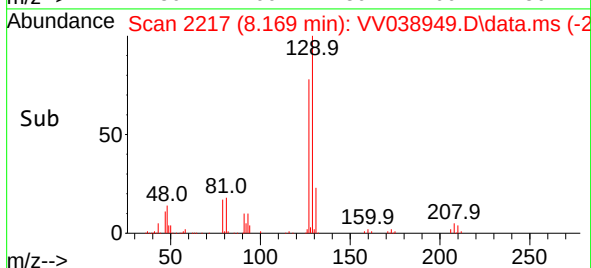
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

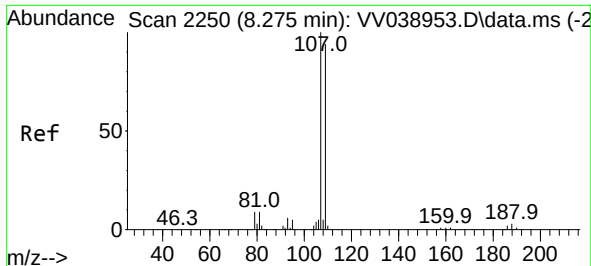


#60
Dibromochloromethane
Concen: 20.013 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



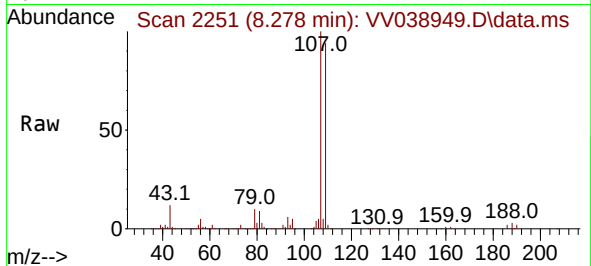
Tgt Ion:129 Resp: 152358
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6





#61
1,2-Dibromoethane
Concen: 20.309 ug/l
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

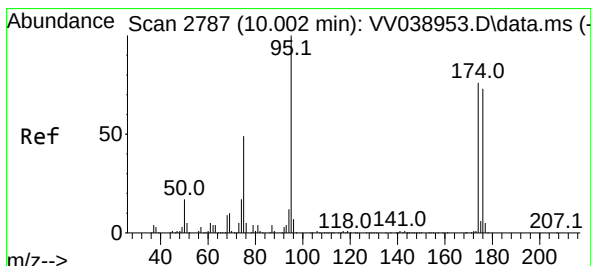
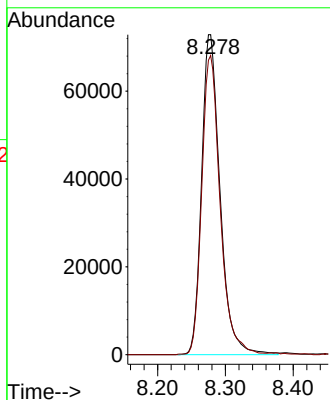
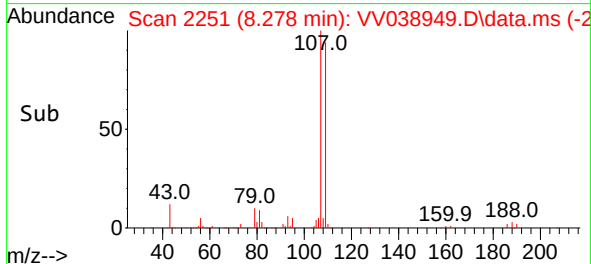
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020



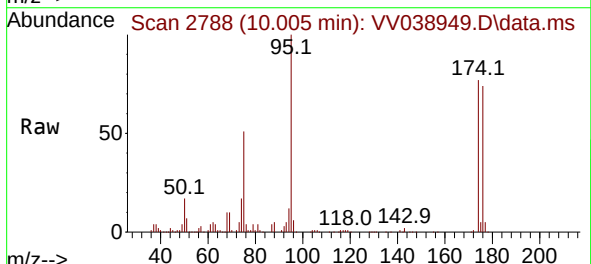
Tgt Ion:107 Resp: 137738
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.6

Manual Integrations
APPROVED

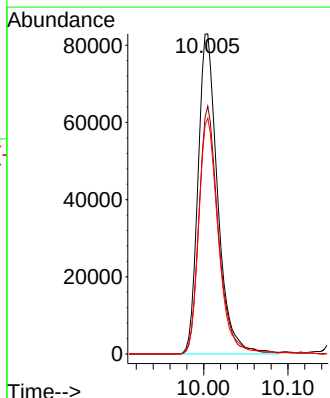
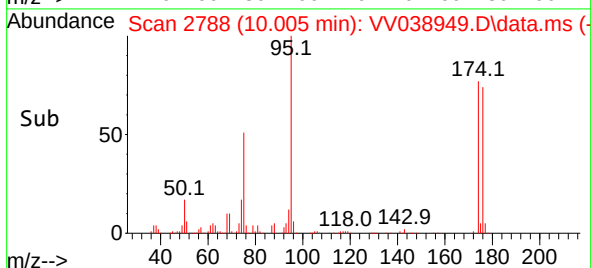
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

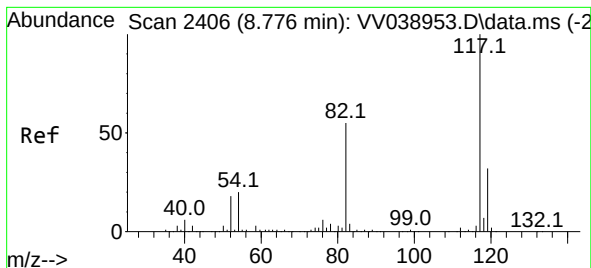


#62
4-Bromofluorobenzene
Concen: 18.523 ug/l
RT: 10.005 min Scan# 2788
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



Tgt Ion: 95 Resp: 134482
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.4
176 73.1 0.0 144.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.777 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

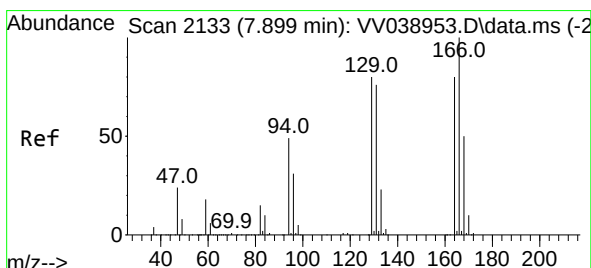
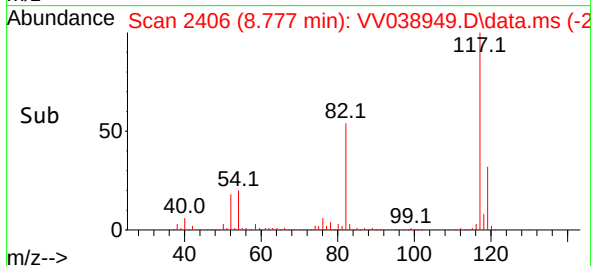
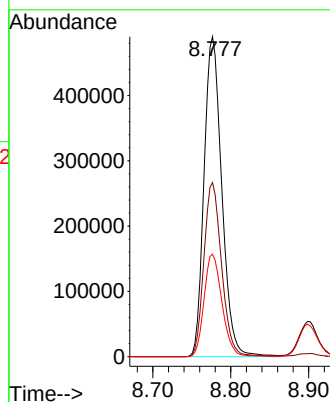
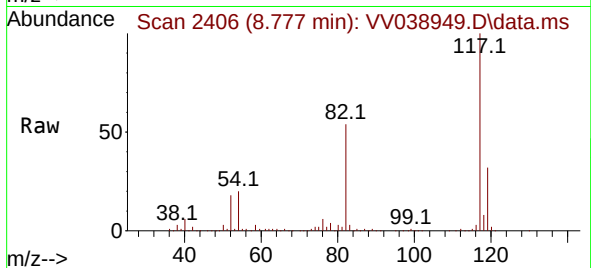
Tgt Ion:117 Resp: 776854

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.1	66.1
119	32.0	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#64

Tetrachloroethene

Concen: 19.306 ug/l

RT: 7.899 min Scan# 2133

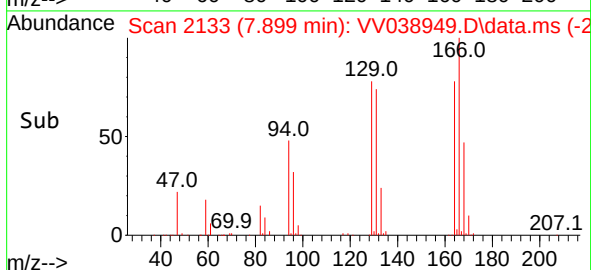
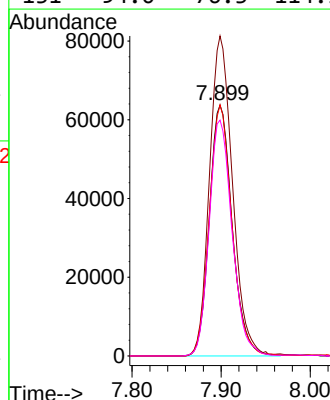
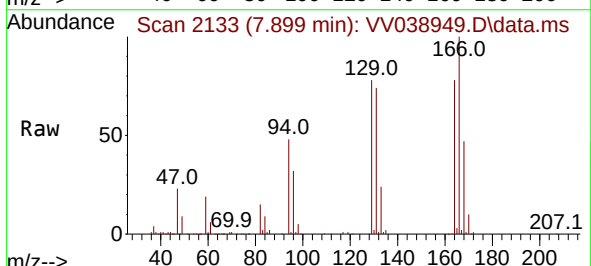
Delta R.T. 0.000 min

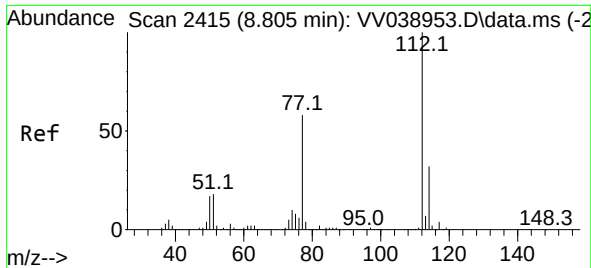
Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Tgt Ion:164 Resp: 113475

Ion	Ratio	Lower	Upper
164	100		
166	127.5	100.1	150.1
129	100.0	80.2	120.4
131	94.0	76.3	114.5





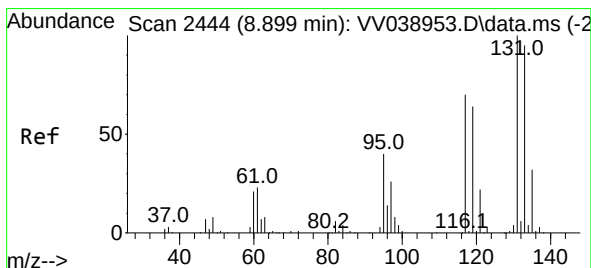
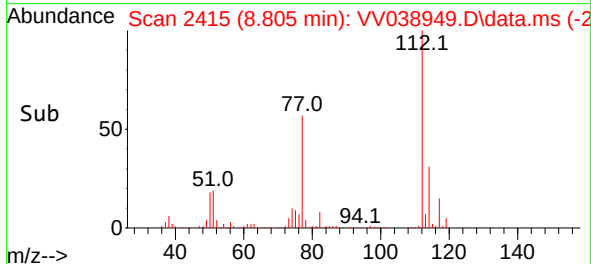
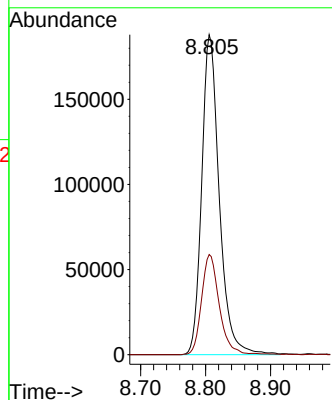
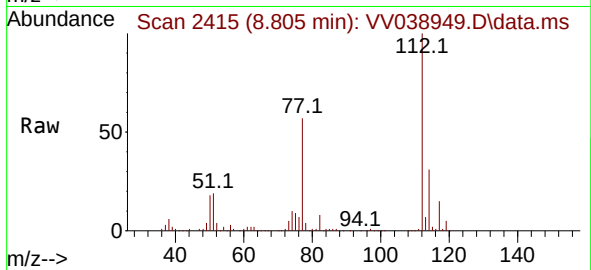
#65
Chlorobenzene
Concen: 19.423 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 35424
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9

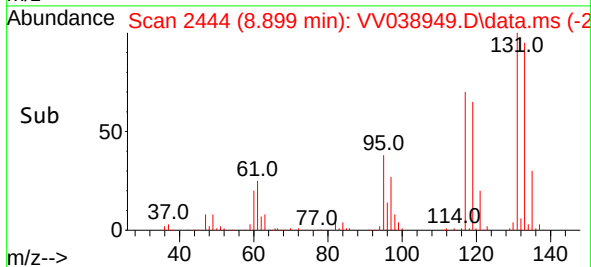
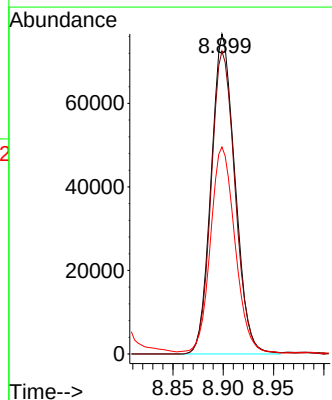
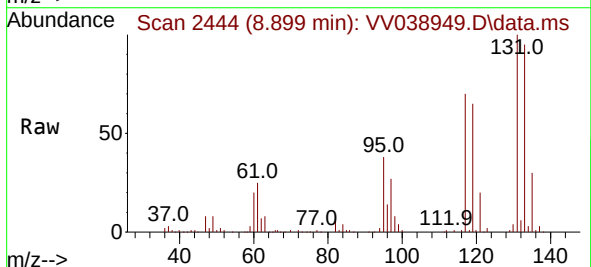
Manual Integrations
APPROVED

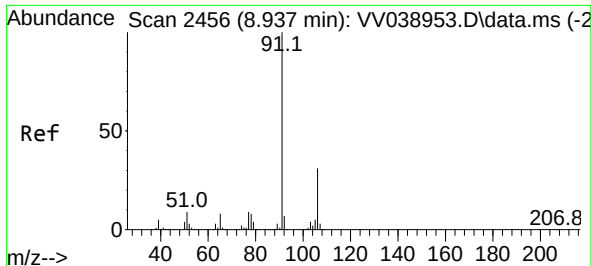
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.926 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

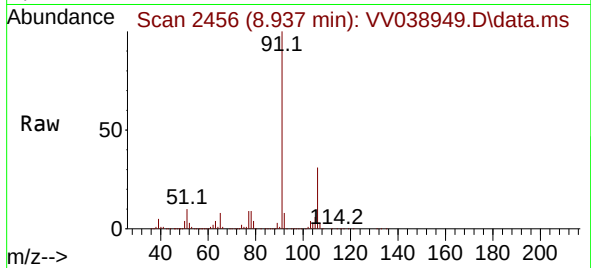
Tgt Ion:131 Resp: 126306
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.5 32.3 96.8





#67
Ethyl Benzene
Concen: 20.400 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

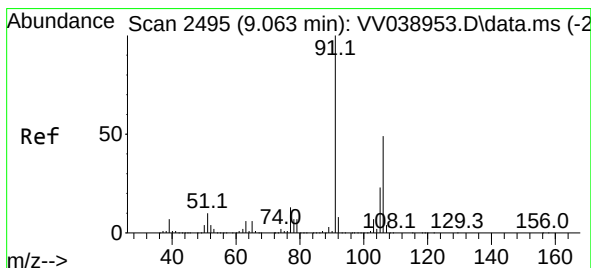
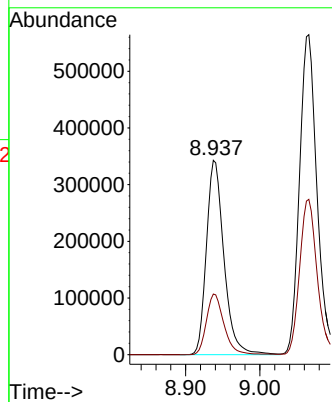
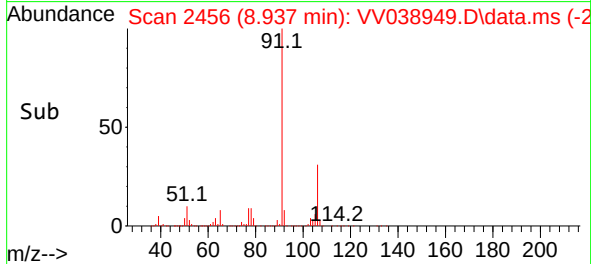
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



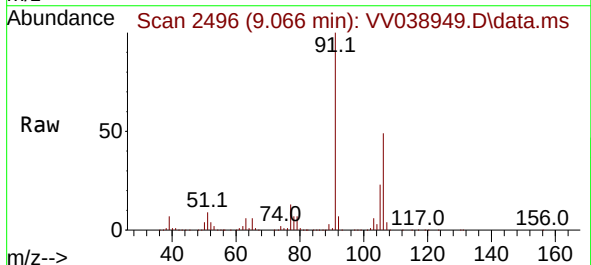
Tgt Ion: 91 Resp: 56199
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

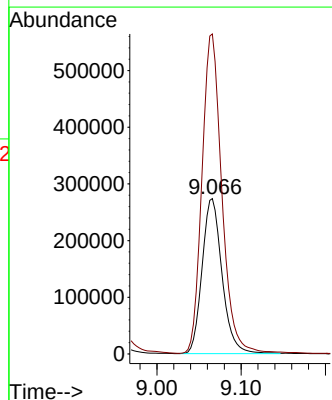
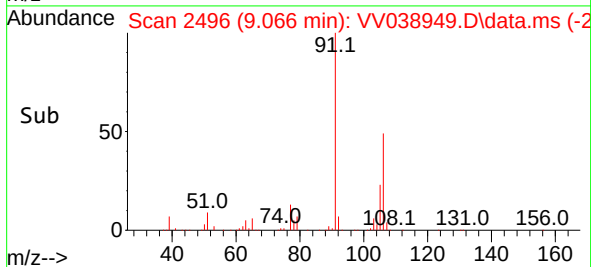
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

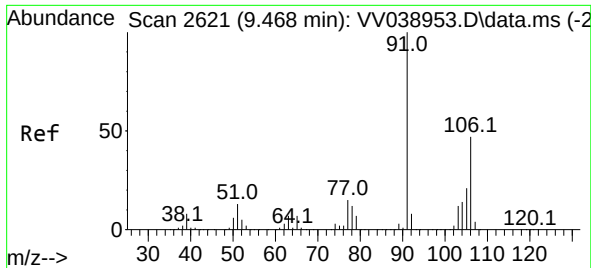


#68
m/p-Xylenes
Concen: 41.874 ug/l
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



Tgt Ion:106 Resp: 451713
Ion Ratio Lower Upper
106 100
91 206.2 163.0 244.6





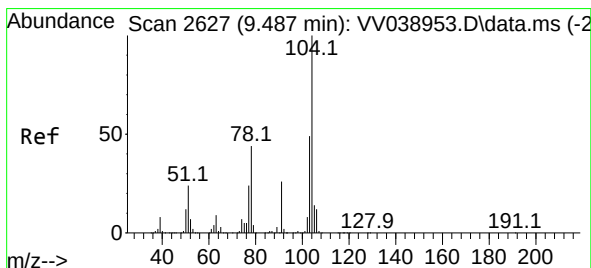
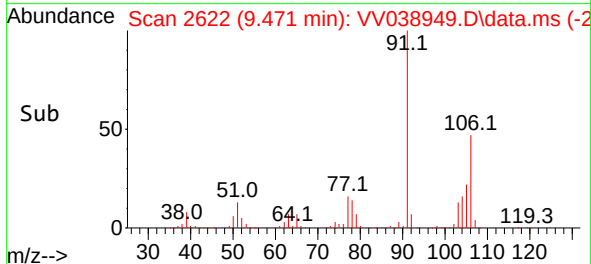
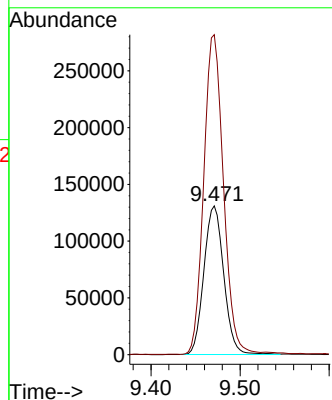
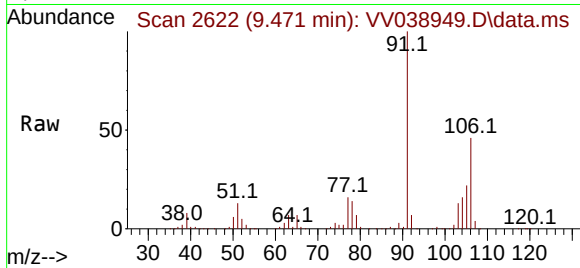
#69
o-Xylene
Concen: 20.487 ug/l
RT: 9.471 min Scan# 202990
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 202990
Ion Ratio Lower Upper
106 100
91 212.5 106.8 320.4

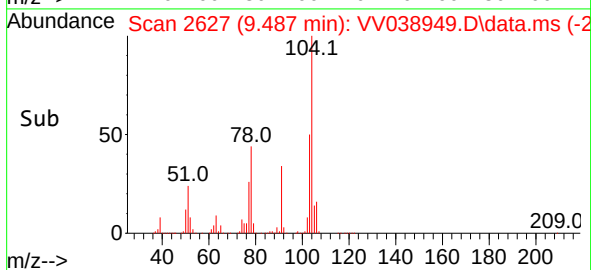
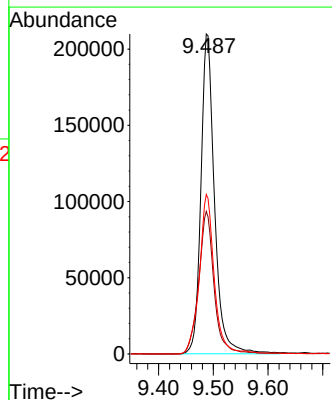
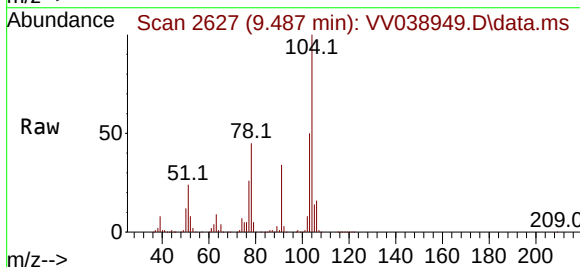
Manual Integrations
APPROVED

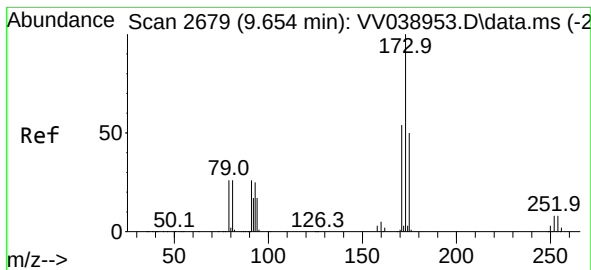
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#70
Styrene
Concen: 21.046 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion:104 Resp: 363022
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.6
103 55.0 43.4 65.2





#71

Bromoform

Concen: 20.598 ug/l

RT: 9.658 min Scan# 20

Delta R.T. 0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 106090

Ion Ratio Lower Upper

173 100

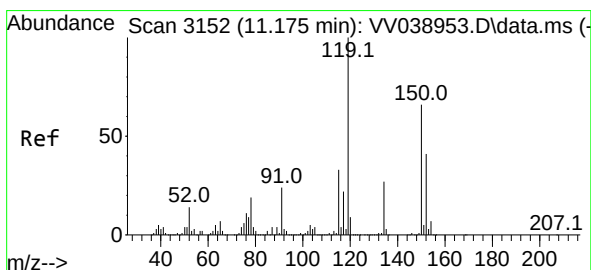
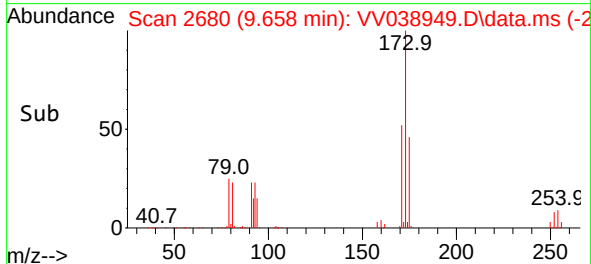
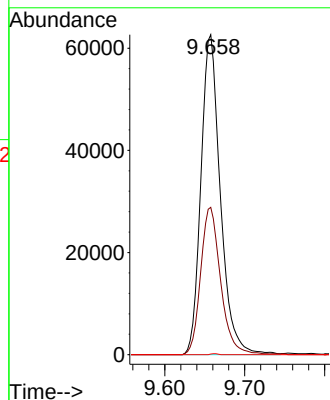
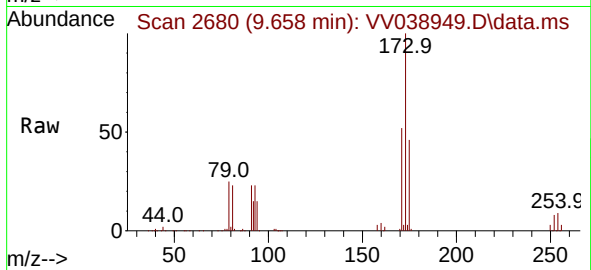
175 47.3 24.4 73.2

254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

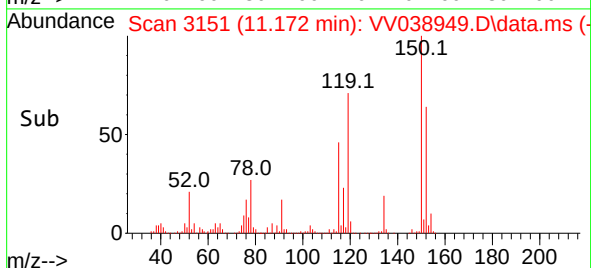
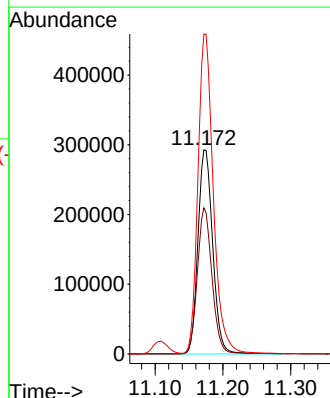
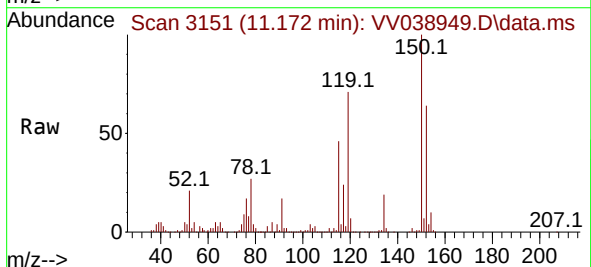
Tgt Ion:152 Resp: 442869

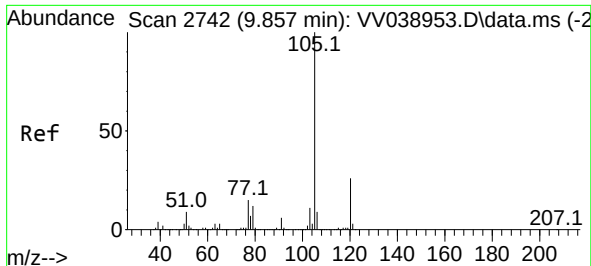
Ion Ratio Lower Upper

152 100

115 70.6 42.8 128.3

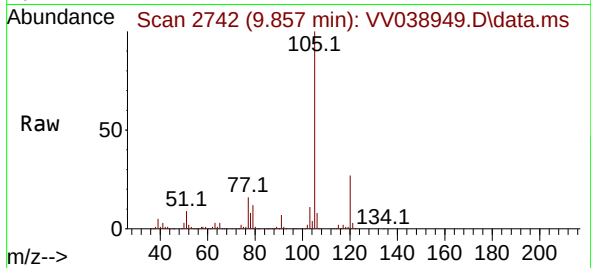
150 163.1 0.0 349.6





#73
Isopropylbenzene
Concen: 20.008 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

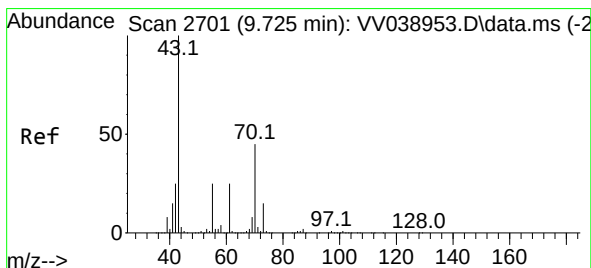
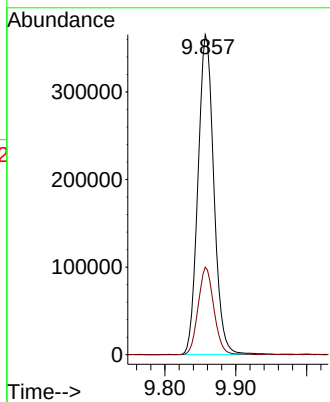
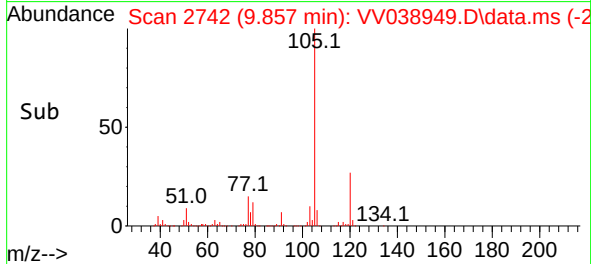
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 56737
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.7

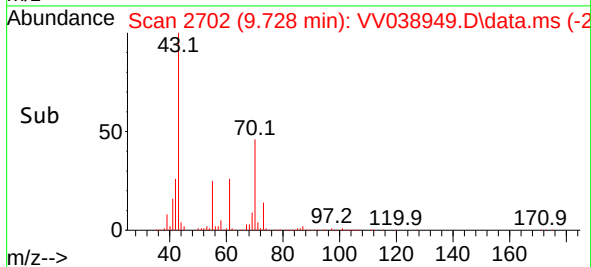
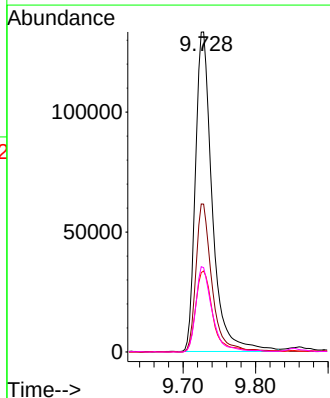
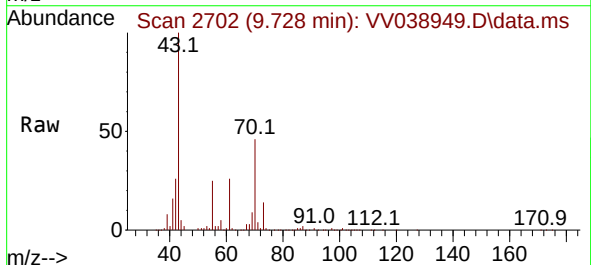
Manual Integrations
APPROVED

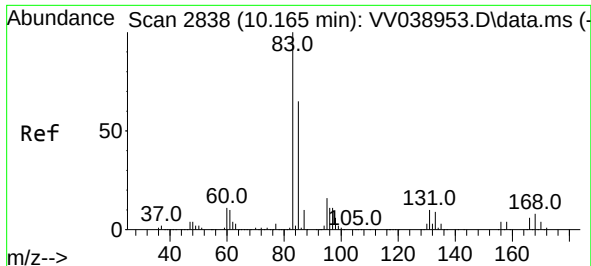
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#74
N-ethyl acetate
Concen: 19.696 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 43 Resp: 215711
Ion Ratio Lower Upper
43 100
70 44.2 37.0 55.4
55 25.6 21.0 31.4
61 25.7 20.6 30.8





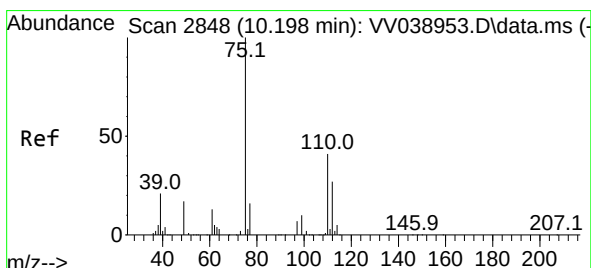
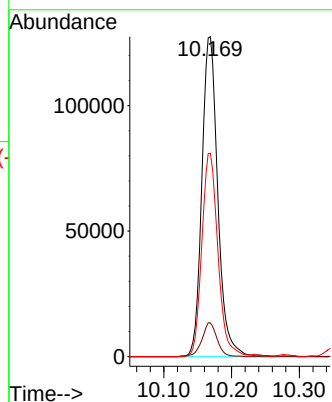
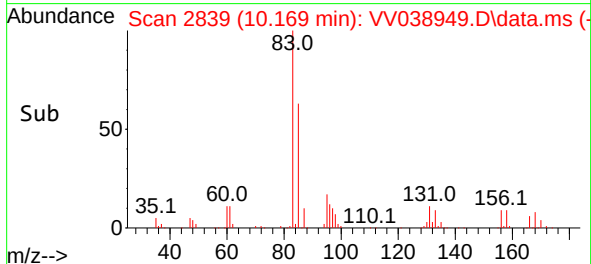
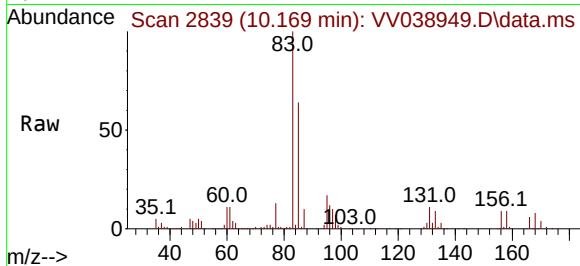
#75
1,1,2,2-Tetrachloroethane
Concen: 18.904 ug/l
RT: 10.169 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 20801
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.1 32.1 96.3

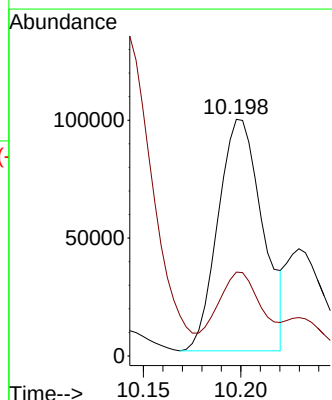
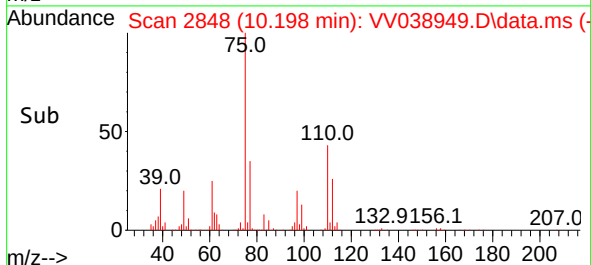
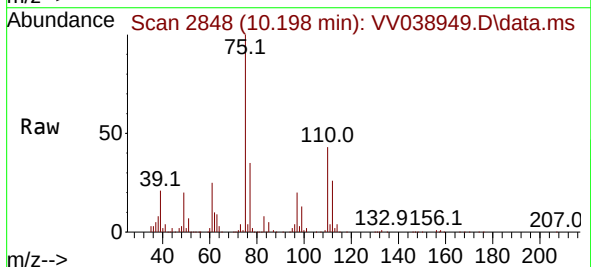
Manual Integrations
APPROVED

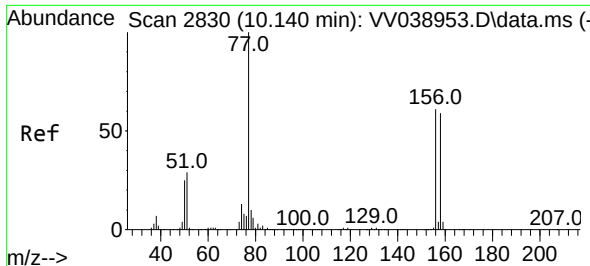
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#76
1,2,3-Trichloropropane
Concen: 18.701 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

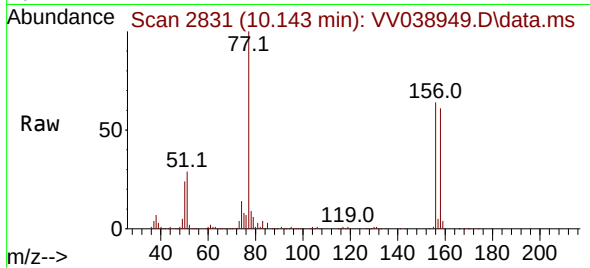
Tgt Ion: 75 Resp: 156108
Ion Ratio Lower Upper
75 100
77 22.4 11.8 35.4





#77
Bromobenzene
Concen: 19.445 ug/l
RT: 10.143 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

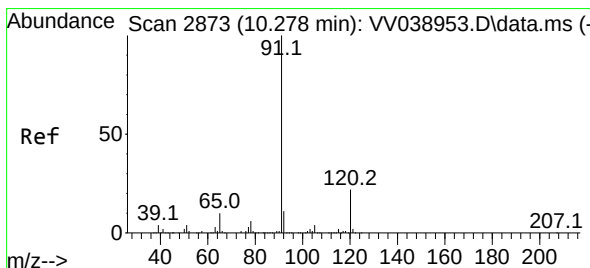
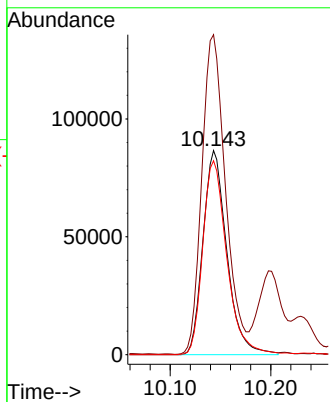
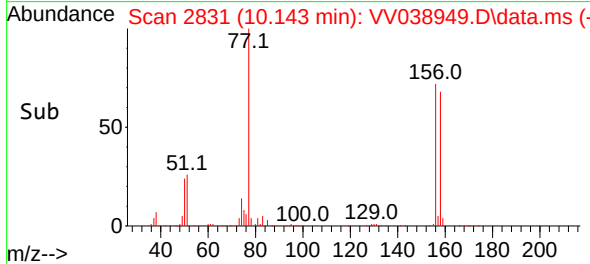
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020



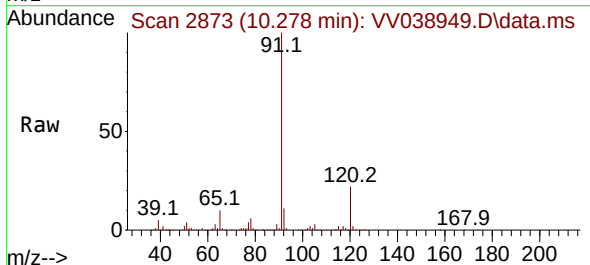
Tgt Ion:156 Resp: 14264
Ion Ratio Lower Upper
156 100
77 154.6 79.6 238.8
158 96.5 47.8 143.4

Manual Integrations
APPROVED

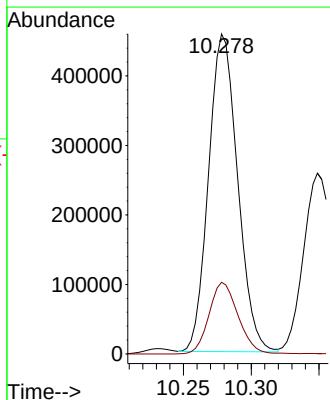
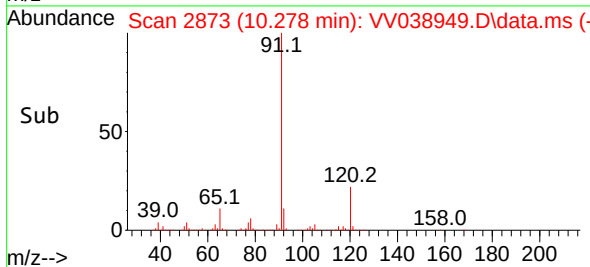
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

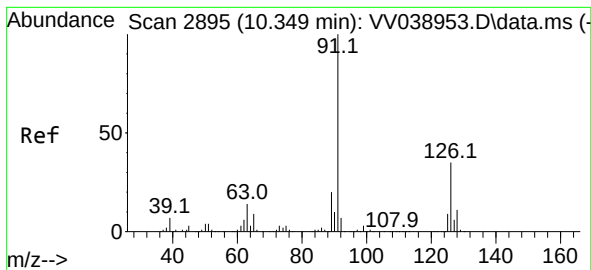


#78
n-propylbenzene
Concen: 20.091 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45



Tgt Ion: 91 Resp: 681756
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5





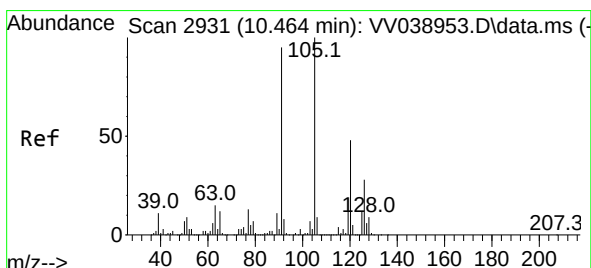
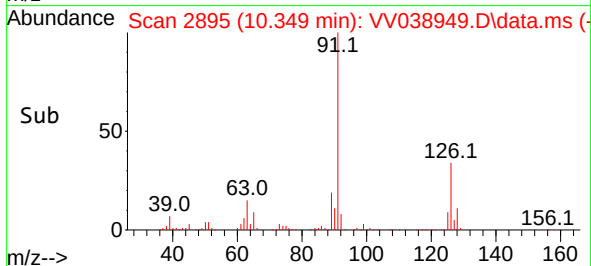
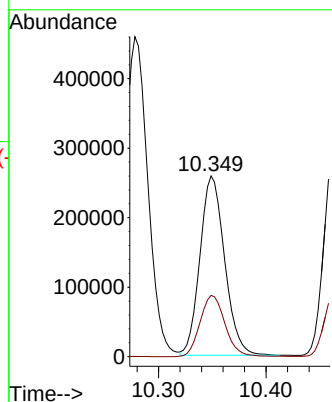
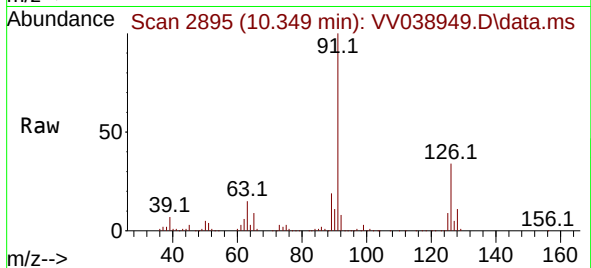
#79
2-Chlorotoluene
Concen: 19.822 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 411174
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.3

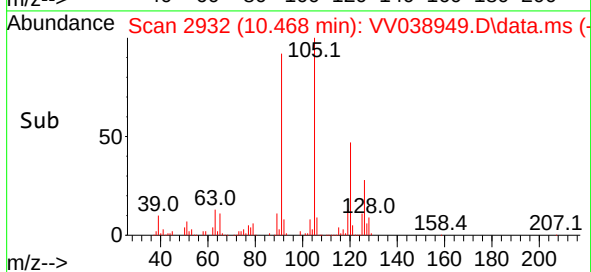
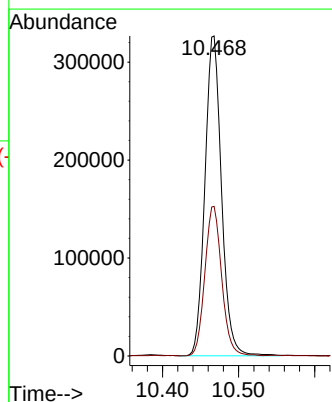
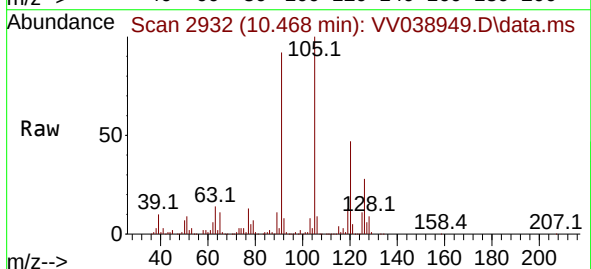
Manual Integrations
APPROVED

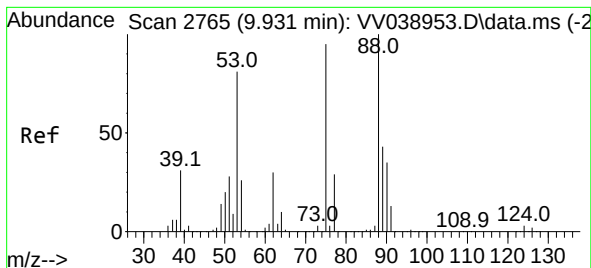
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.686 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion:105 Resp: 494942
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.803 ug/l

RT: 9.931 min Scan# 2765

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

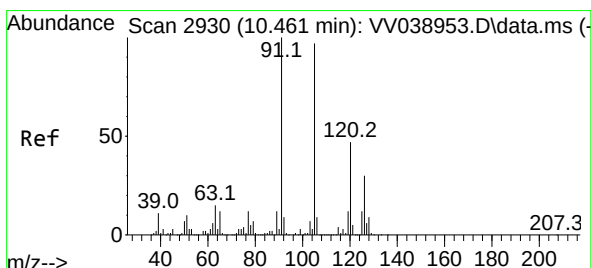
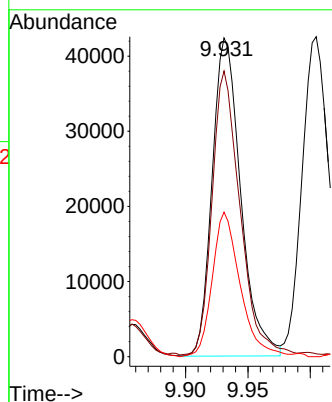
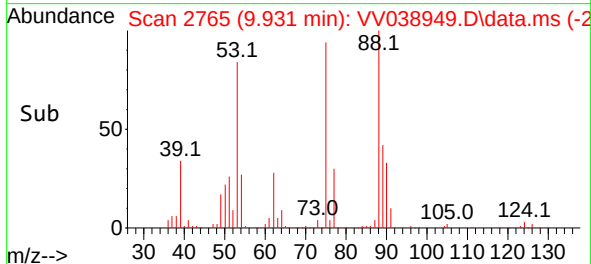
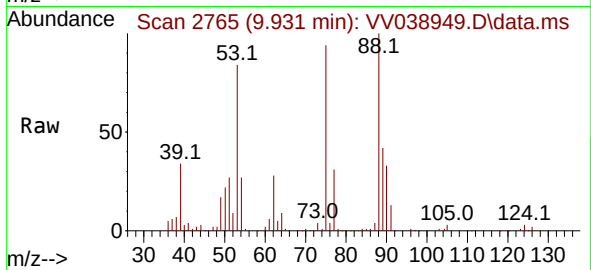
VSTDIC020

Tgt Ion:	75	Resp:	67438
Ion Ratio	Lower	Upper	
75	100		
53	87.1	69.3	103.9
89	44.4	35.8	53.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#82

4-Chlorotoluene

Concen: 20.175 ug/l

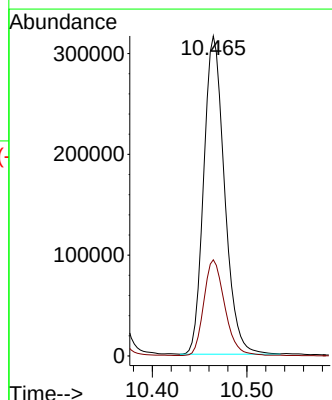
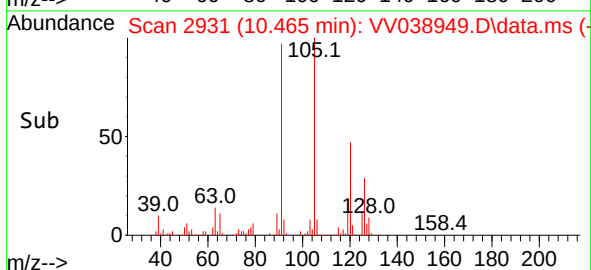
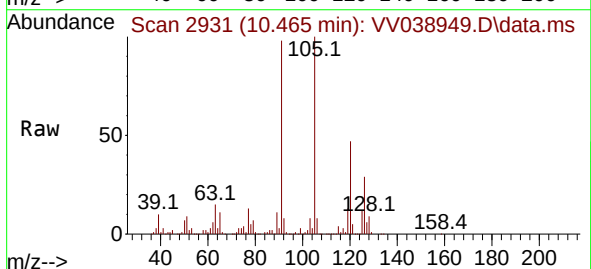
RT: 10.465 min Scan# 2931

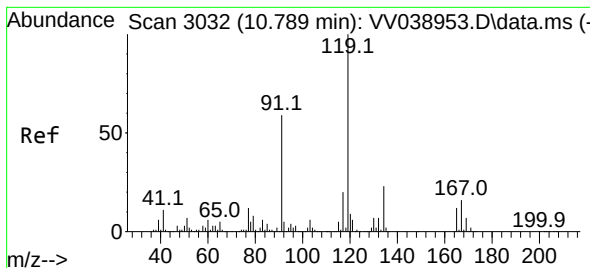
Delta R.T. 0.003 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Tgt Ion:	91	Resp:	482078
Ion Ratio	Lower	Upper	
91	100		
126	30.2	14.8	44.3





#83

tert-Butylbenzene

Concen: 19.539 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

Tgt Ion:119 Resp: 468750

Ion Ratio Lower Upper

119 100

91 56.7 28.8 86.5

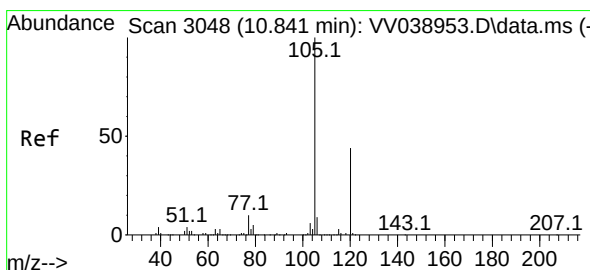
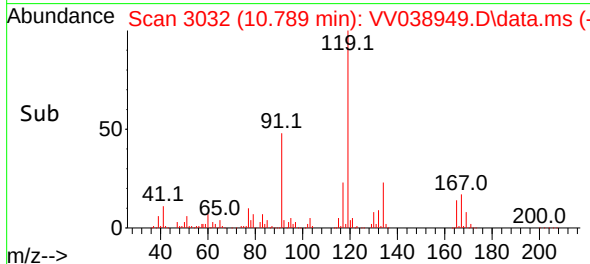
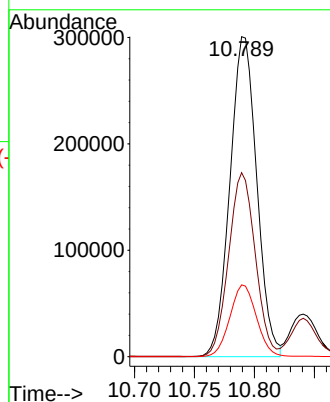
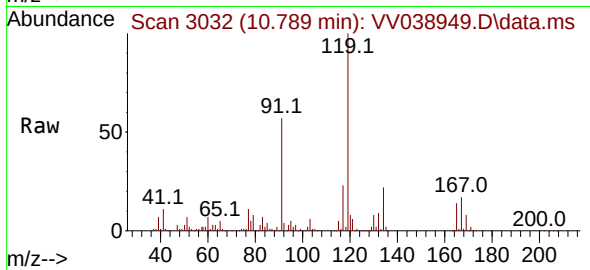
134 22.3 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025

Supervised By :Semsettin Yesilyurt 08/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.767 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV038949.D

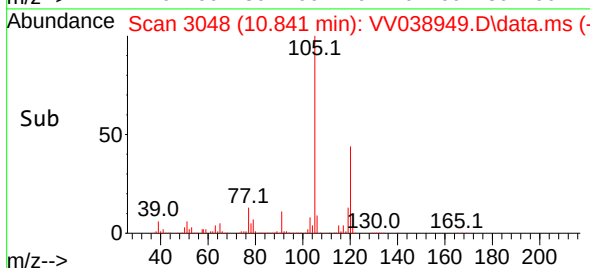
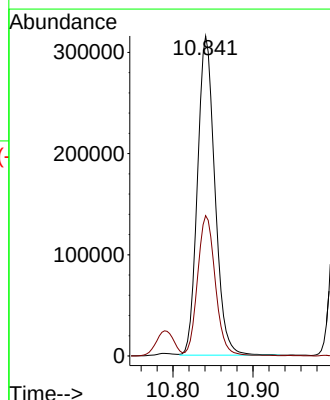
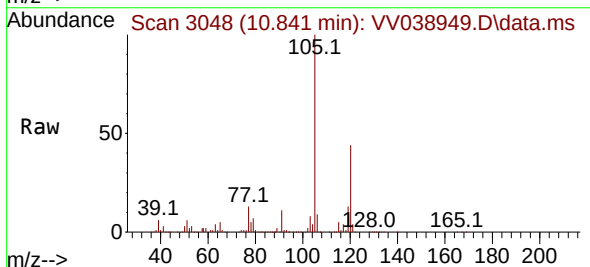
Acq: 13 Aug 2025 13:45

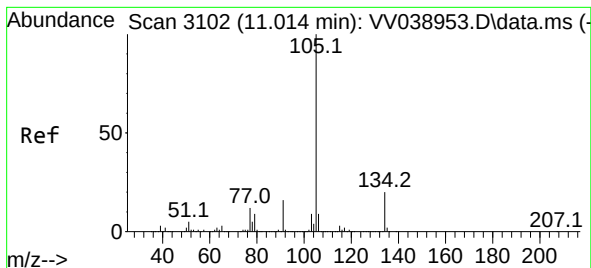
Tgt Ion:105 Resp: 477893

Ion Ratio Lower Upper

105 100

120 44.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.947 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 62439

Ion Ratio Lower Upper

105 100

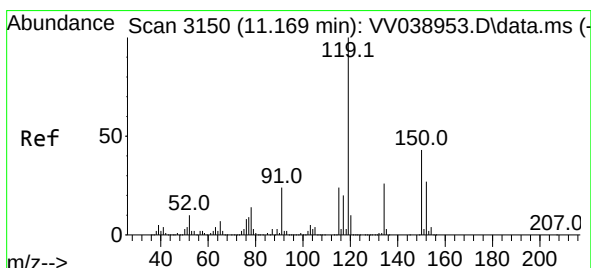
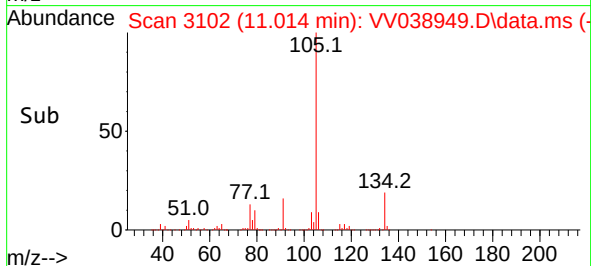
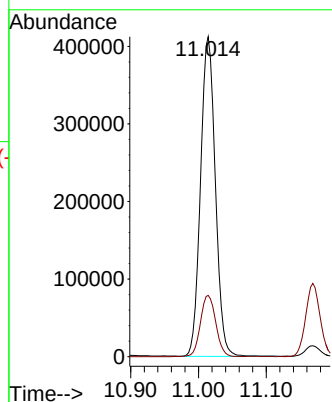
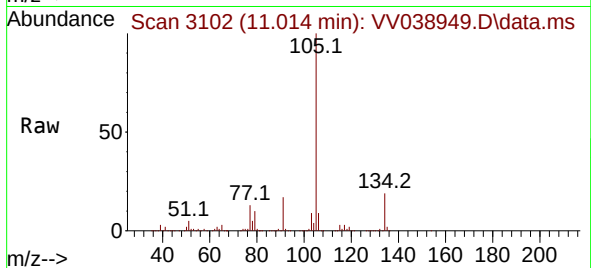
134 19.9 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025

Supervised By :Semsettin Yesilyurt 08/18/2025



#86

p-Isopropyltoluene

Concen: 19.785 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

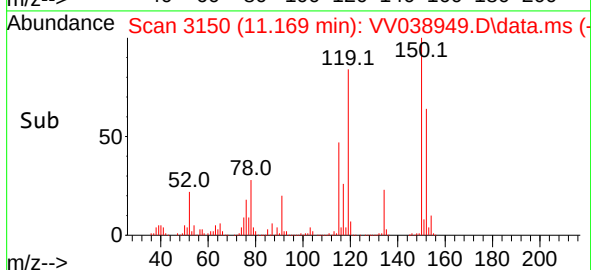
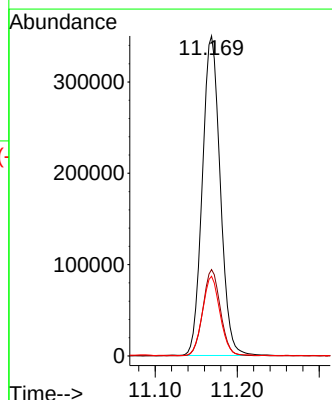
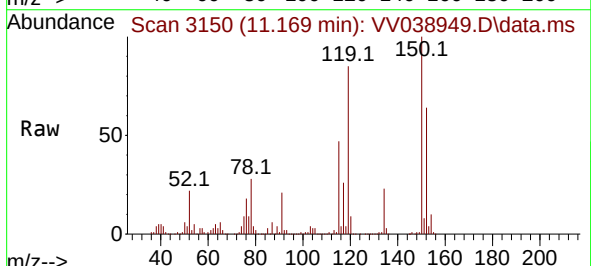
Tgt Ion:119 Resp: 529058

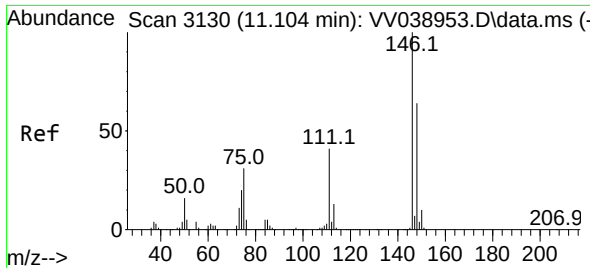
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 24.4 12.2 36.6





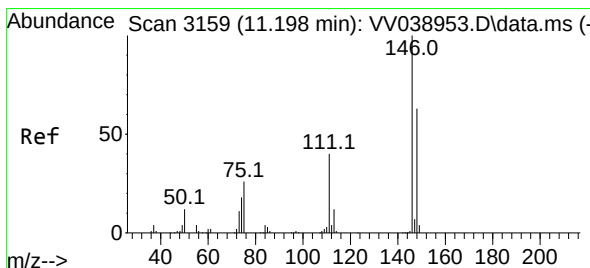
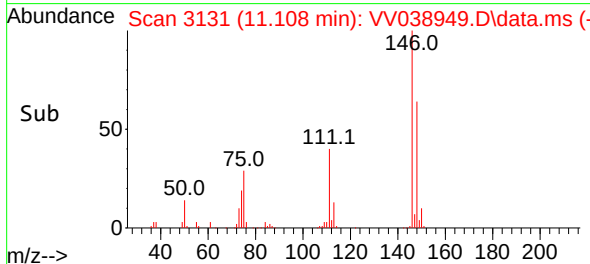
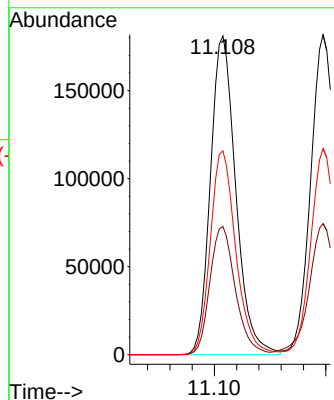
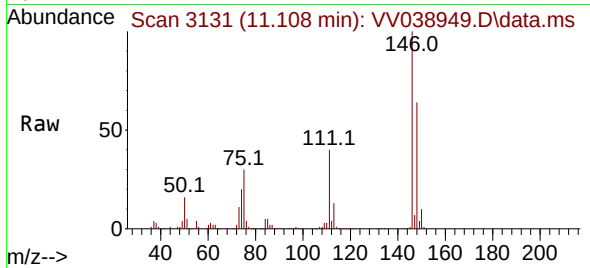
#87
1,3-Dichlorobenzene
Concen: 19.029 ug/l
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 286169
Ion Ratio Lower Upper
146 100
111 40.4 20.8 62.4
148 64.5 31.8 95.3

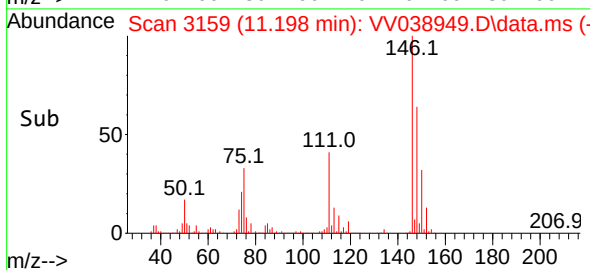
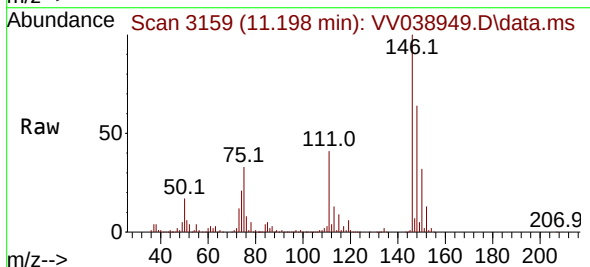
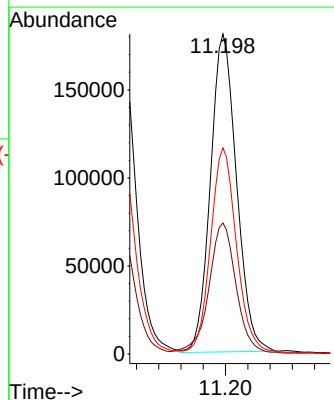
Manual Integrations
APPROVED

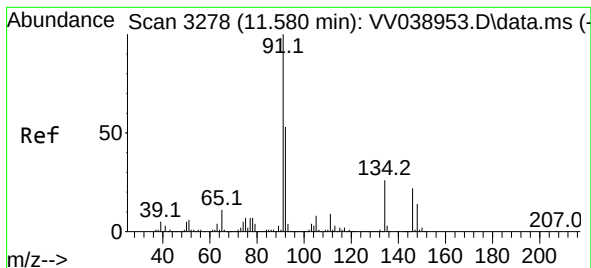
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#88
1,4-Dichlorobenzene
Concen: 17.987 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion:146 Resp: 293758
Ion Ratio Lower Upper
146 100
111 42.9 20.1 60.2
148 65.1 31.7 95.1





#89

n-Butylbenzene

Concen: 19.615 ug/l

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_V

ClientSampleId :

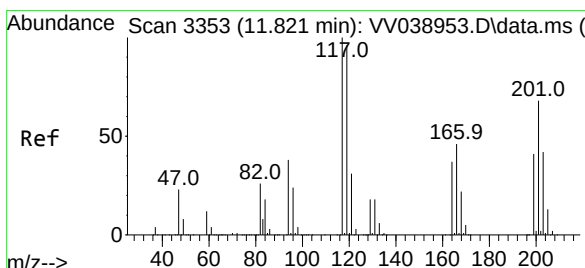
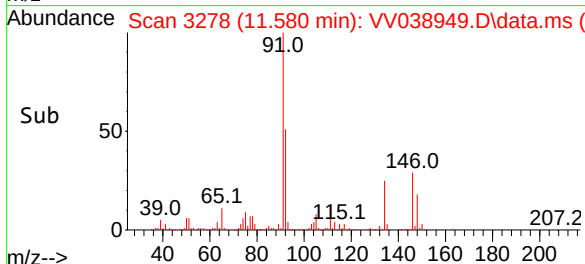
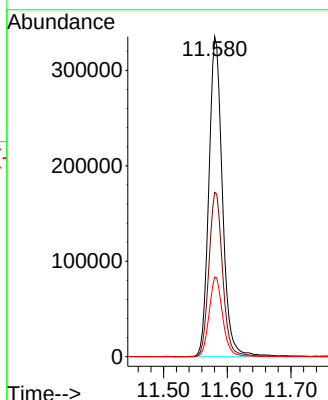
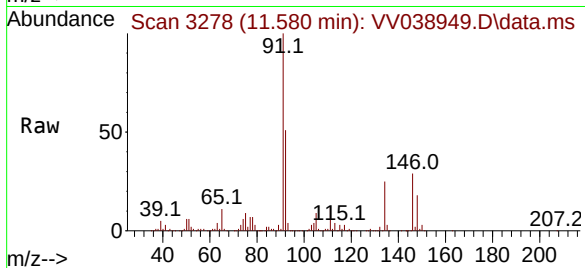
VSTDIC020

Tgt Ion:	91	Resp:	495799
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.8
134	24.9	12.8	38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#90

Hexachloroethane

Concen: 18.350 ug/l

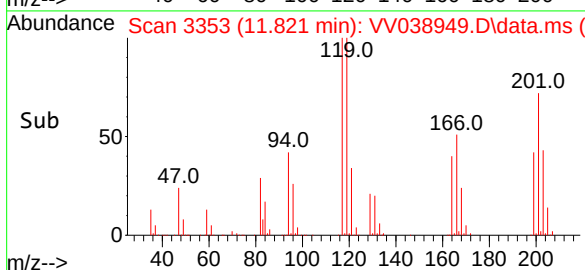
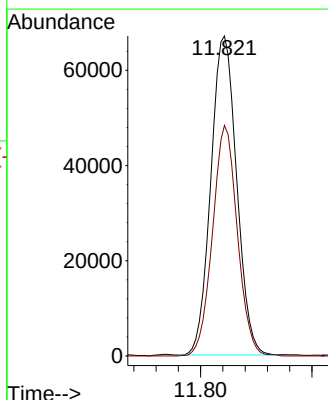
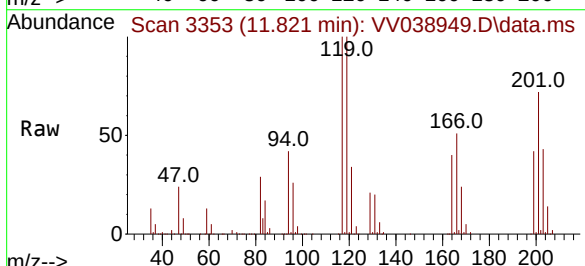
RT: 11.821 min Scan# 3353

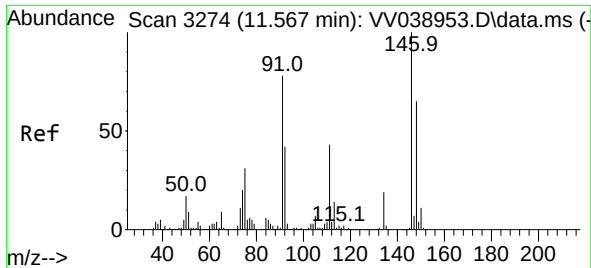
Delta R.T. 0.000 min

Lab File: VV038949.D

Acq: 13 Aug 2025 13:45

Tgt Ion:	117	Resp:	107924
Ion	Ratio	Lower	Upper
117	100		
201	69.4	33.7	101.1





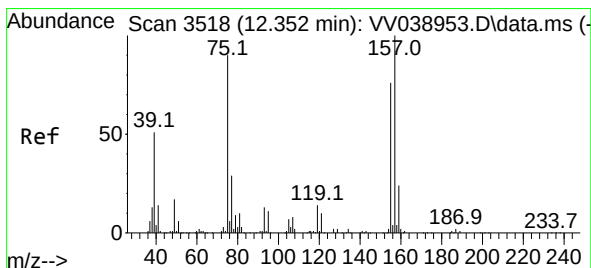
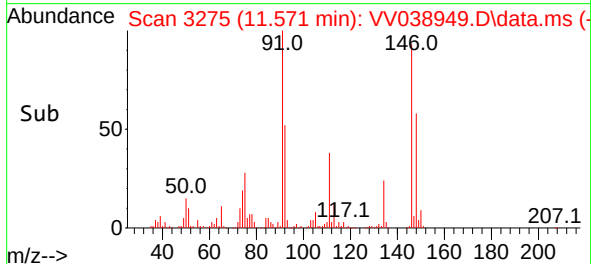
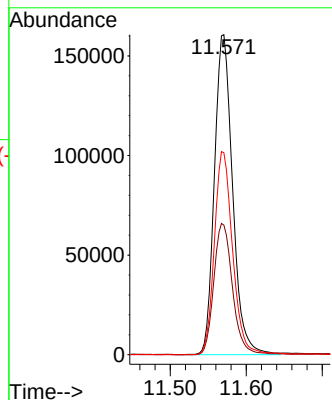
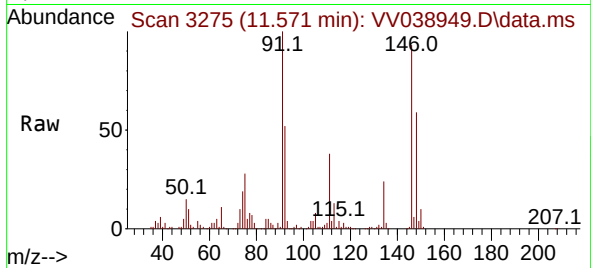
#91
1,2-Dichlorobenzene
Concen: 18.953 ug/l
RT: 11.571 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 267072
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.7
148 63.7 32.0 96.2

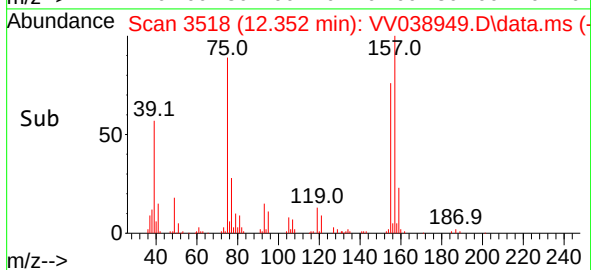
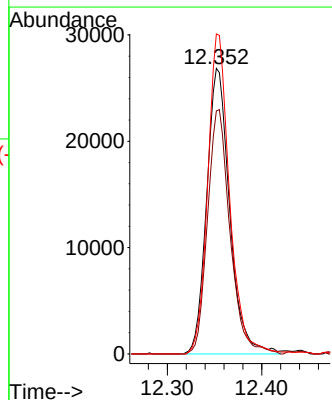
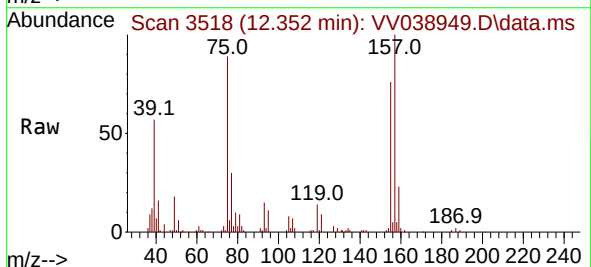
Manual Integrations
APPROVED

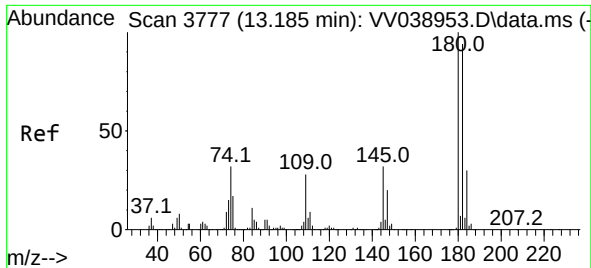
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.787 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 75 Resp: 45432
Ion Ratio Lower Upper
75 100
155 83.5 42.3 126.8
157 106.5 54.7 164.1





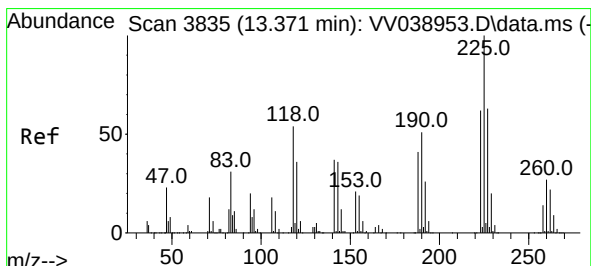
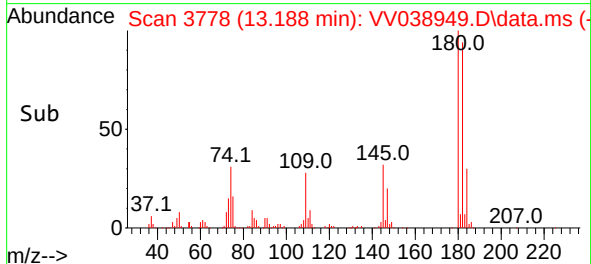
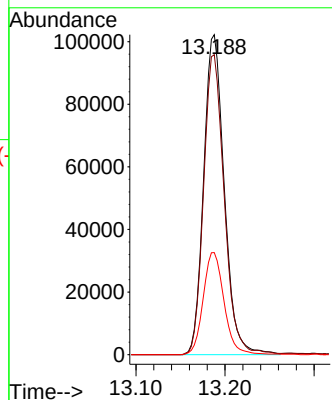
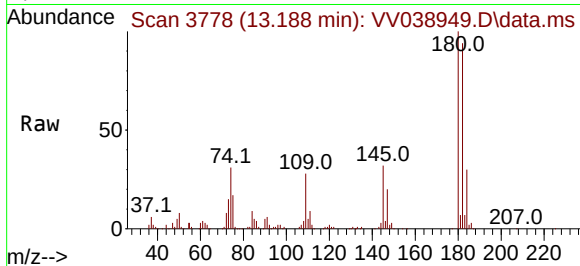
#93
1,2,4-Trichlorobenzene
Concen: 18.882 ug/l
RT: 13.188 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 16420
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 32.3 16.3 48.8

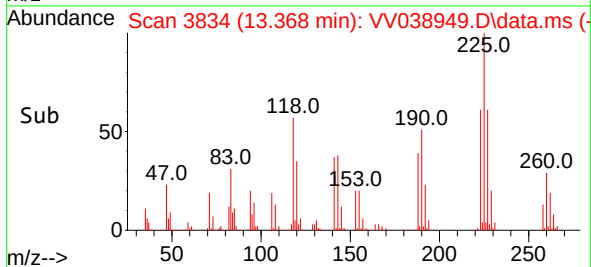
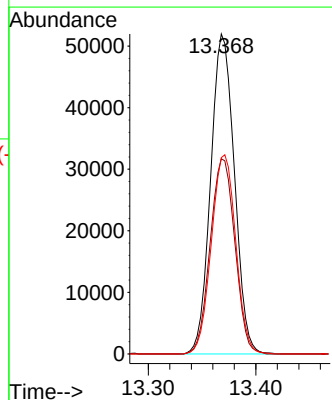
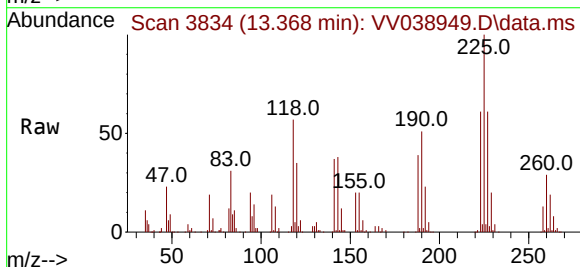
Manual Integrations
APPROVED

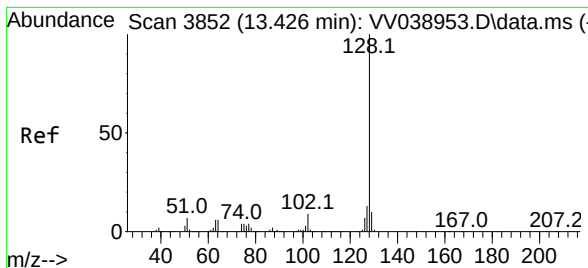
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#94
Hexachlorobutadiene
Concen: 18.449 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.003 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

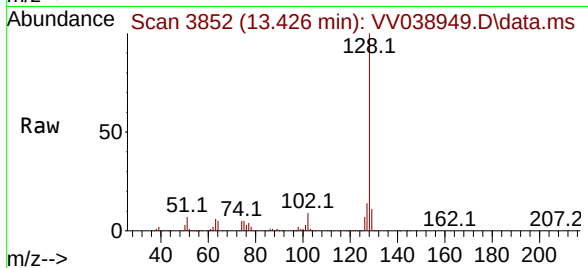
Tgt Ion:225 Resp: 79721
Ion Ratio Lower Upper
225 100
223 63.5 31.6 95.0
227 64.1 32.0 96.0





#95
Naphthalene
Concen: 18.979 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

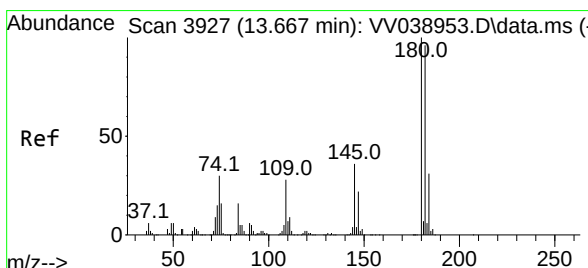
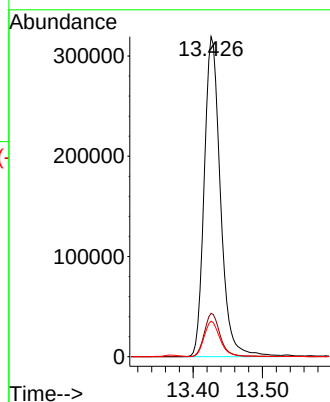
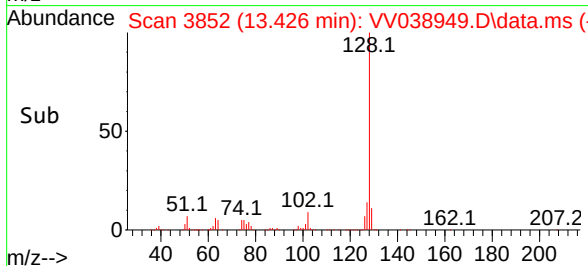
Instrument : MSVOA_V
ClientSampleId : VSTDIC020



Tgt Ion:128 Resp: 51885
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.063 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV038949.D
Acq: 13 Aug 2025 13:45

Tgt Ion:180 Resp: 167808
Ion Ratio Lower Upper
180 100
182 94.2 48.0 144.0
145 33.0 17.5 52.6

