

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039143.D
 Acq On : 22 Sep 2025 16:35
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 24 07:26:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	406498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	735855	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	700418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	322677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	81 - 118	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	80 - 119	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	89 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	85 - 114	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	7593	1.180	ug/l	98
3) Chloromethane	1.230	50	7695	1.114	ug/l	99
4) Vinyl Chloride	1.297	62	8342	1.128	ug/l	98
6) Chloroethane	1.564	64	7440	0.673	ug/l	96
7) Trichlorofluoromethane	1.725	101	12570	1.174	ug/l	85
8) Diethyl Ether	1.921	74	4650	1.170	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.082	101	7630	1.198	ug/l	96
12) 1,1-Dichloroethene	2.085	96	7094	1.157	ug/l #	66
14) Allyl chloride	2.362	41	12383	1.131	ug/l	97
15) Acrylonitrile	2.683	53	23873	5.989	ug/l	96
16) Acetone	2.127	43	28927	3.224	ug/l	96
17) Carbon Disulfide	2.256	76	21708	1.158	ug/l	98
18) Methyl Acetate	2.391	43	9742	1.118	ug/l	98
19) Methyl tert-butyl Ether	2.715	73	21063	1.078	ug/l #	89
20) Methylene Chloride	2.458	84	16152	0.632	ug/l	90
21) trans-1,2-Dichloroethene	2.709	96	7797	1.195	ug/l	92
22) Diisopropyl ether	3.220	45	21620	1.032	ug/l #	34
23) Vinyl Acetate	3.204	43	91192	4.977	ug/l	99
24) 1,1-Dichloroethane	3.121	63	15790	1.233	ug/l #	94
25) 2-Butanone	3.921	43	22515m	4.862	ug/l	
26) 2,2-Dichloropropane	3.815	77	15492m	1.369	ug/l	
27) cis-1,2-Dichloroethene	3.834	96	8138	1.131	ug/l	91
28) Bromochloromethane	4.162	49	6039	1.068	ug/l #	53
29) Tetrahydrofuran	4.262	42	13621	4.619	ug/l #	65
30) Chloroform	4.288	83	15288	1.143	ug/l	96
32) 1,1,1-Trichloroethane	4.519	97	12926	1.116	ug/l	93
36) 1,1-Dichloropropene	4.764	75	9572m	1.063	ug/l	
37) Ethyl Acetate	4.030	43	12136m	1.098	ug/l	
38) Carbon Tetrachloride	4.735	117	13098m	1.207	ug/l	
39) Methylcyclohexane	6.050	83	9159	0.848	ug/l	91
40) Benzene	5.027	78	28487	0.978	ug/l	98
41) Methacrylonitrile	4.223	41	2717m	2.427	ug/l	
42) 1,2-Dichloroethane	5.059	62	10892	1.067	ug/l	95
43) Isopropyl Acetate	5.236	43	12786m	0.840	ug/l	
44) Trichloroethene	5.850	130	6408	0.953	ug/l	84
45) 1,2-Dichloropropane	6.104	63	6838	0.945	ug/l	93

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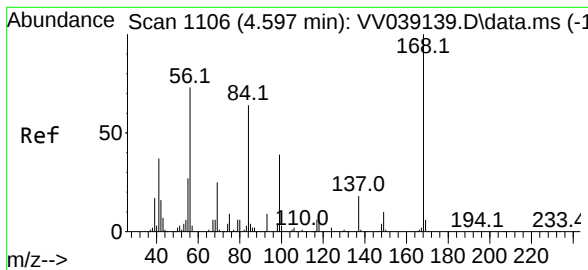
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
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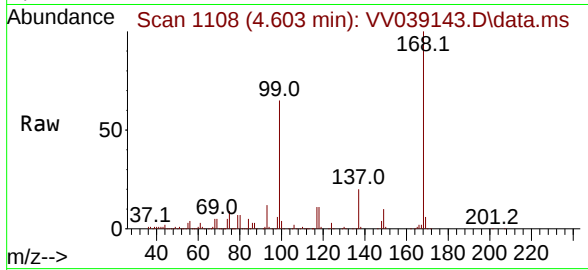
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.249	93	5835	1.053	ug/l	89
47) Bromodichloromethane	6.439	83	12206	1.066	ug/l #	90
48) Methyl methacrylate	6.371	41	7232m	1.038	ug/l	
49) 1,4-Dioxane	6.333	88	2721m	24.855	ug/l	
51) 4-Methyl-2-Pentanone	7.165	43	33797	3.472	ug/l	96
52) Toluene	7.326	92	13265	0.786	ug/l	87
53) t-1,3-Dichloropropene	7.606	75	8060	0.807	ug/l	90
54) cis-1,3-Dichloropropene	6.973	75	8754	0.794	ug/l #	93
55) 1,1,2-Trichloroethane	7.776	97	8140	1.075	ug/l	91
56) Ethyl methacrylate	7.747	69	7455m	0.829	ug/l	
57) 1,3-Dichloropropane	7.956	76	11732	0.982	ug/l	94
58) 2-Chloroethyl Vinyl ether	6.841	63	10011	11.289	ug/l	98
59) 2-Hexanone	8.091	43	17015	4.307	ug/l	98
60) Dibromochloromethane	8.172	129	9122	1.057	ug/l	87
61) 1,2-Dibromoethane	8.288	107	7129	0.921	ug/l	90
64) Tetrachloroethene	7.899	164	5814	0.991	ug/l	90
65) Chlorobenzene	8.812	112	20007	1.025	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	8.902	131	7603	1.079	ug/l #	61
67) Ethyl Benzene	8.947	91	24171	0.818	ug/l	94
68) m/p-Xylenes	9.072	106	16239	1.425	ug/l	98
69) o-Xylene	9.477	106	7250	0.718	ug/l	79
70) Styrene	9.503	104	11594	2.083	ug/l #	80
71) Bromoform	9.667	173	5558	1.009	ug/l #	94
73) Isopropylbenzene	9.860	105	20820	0.890	ug/l	98
74) N-amyl acetate	9.747	43	6654	0.713	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	10.169	83	12746	1.243	ug/l	95
76) 1,2,3-Trichloropropane	10.207	75	8871	1.207	ug/l	100
77) Bromobenzene	10.159	156	6311	1.039	ug/l	93
78) n-propylbenzene	10.284	91	24996	0.877	ug/l	96
79) 2-Chlorotoluene	10.355	91	13640	0.800	ug/l	89
80) 1,3,5-Trimethylbenzene	10.471	105	15886	0.817	ug/l	96
82) 4-Chlorotoluene	10.474	91	15363	0.777	ug/l	91
83) tert-Butylbenzene	10.789	119	18552	0.956	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	15048	0.797	ug/l	95
85) sec-Butylbenzene	11.014	105	23268	0.904	ug/l	98
86) p-Isopropyltoluene	11.168	119	18549	0.866	ug/l	86
87) 1,3-Dichlorobenzene	11.117	146	12747	1.037	ug/l	97
88) 1,4-Dichlorobenzene	11.201	146	16279m	1.199	ug/l	
89) n-Butylbenzene	11.586	91	17079	0.835	ug/l	94
90) Hexachloroethane	11.818	117	6736	1.277	ug/l	94
91) 1,2-Dichlorobenzene	11.577	146	12486	1.088	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.361	75	3071	0.690	ug/l	75
93) 1,2,4-Trichlorobenzene	13.197	180	6637	1.008	ug/l	99
94) Hexachlorobutadiene	13.368	225	4406	1.288	ug/l	95
95) Naphthalene	13.438	128	19706m	0.931	ug/l	
96) 1,2,3-Trichlorobenzene	13.676	180	7184	1.067	ug/l	97

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

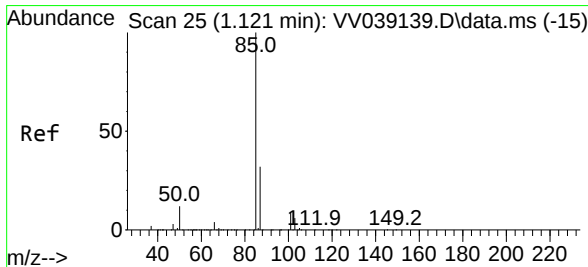
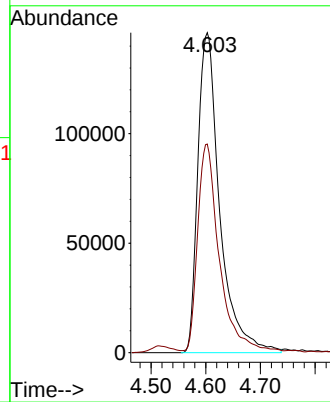
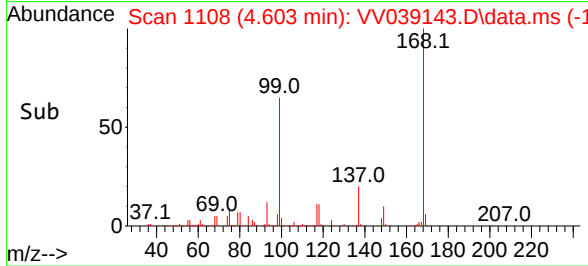
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 406498
Ion Ratio Lower Upper
168 100
99 64.6 49.6 74.4

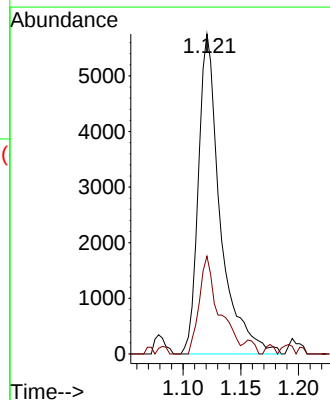
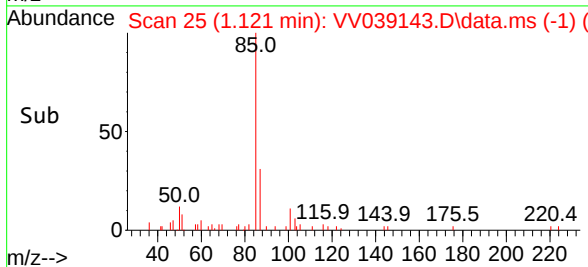
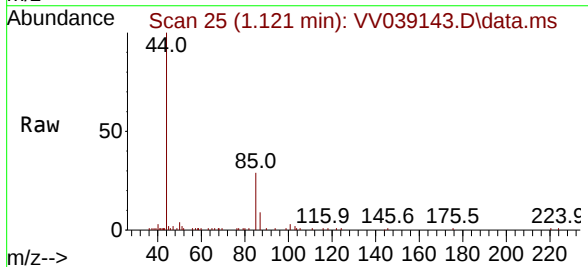
Manual Integrations
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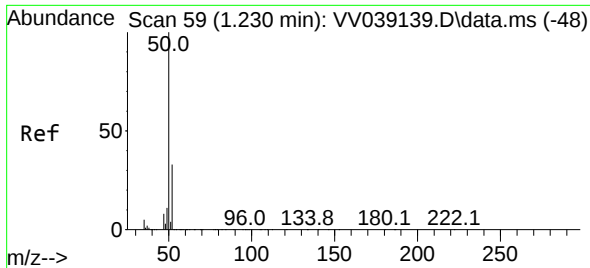
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#2
Dichlorodifluoromethane
Concen: 1.180 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 85 Resp: 7593
Ion Ratio Lower Upper
85 100
87 30.5 16.0 47.9





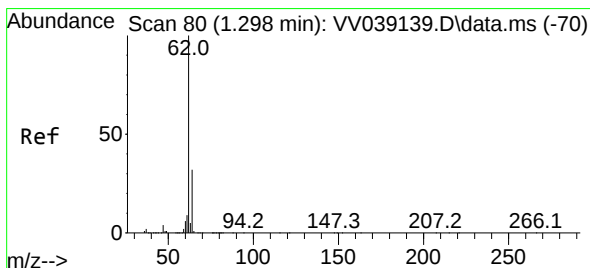
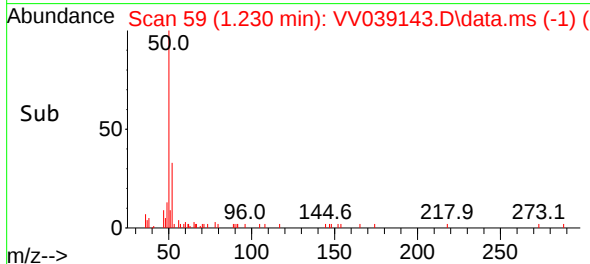
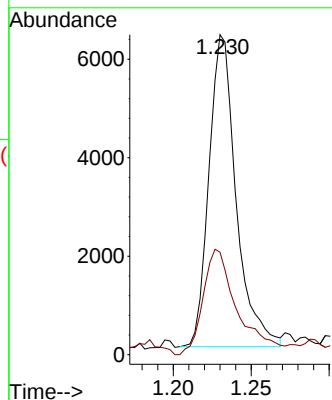
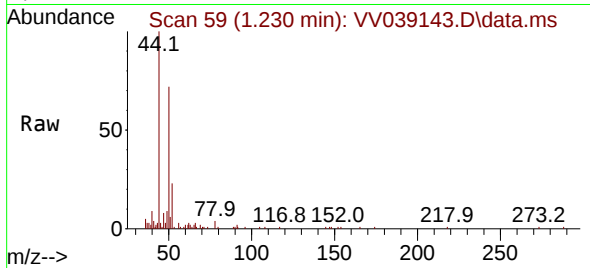
#3
Chloromethane
Concen: 1.114 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 769
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0

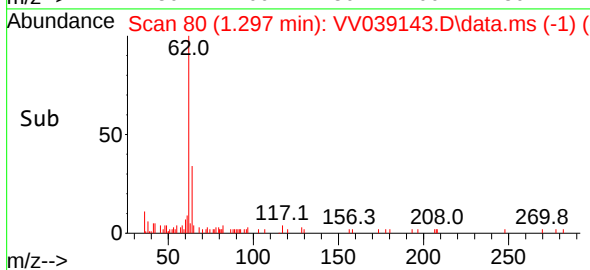
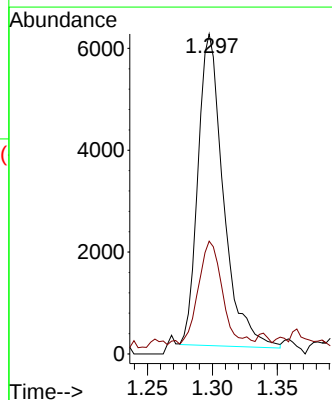
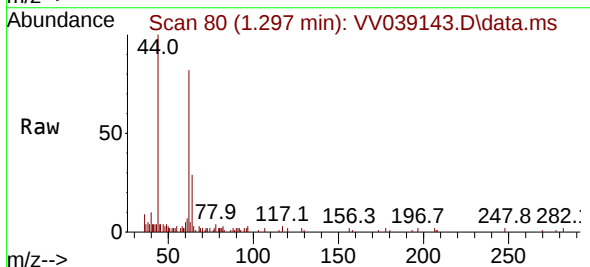
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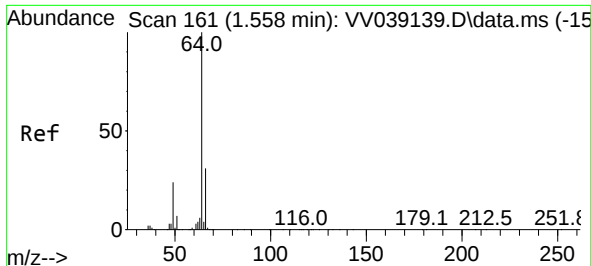
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#4
Vinyl Chloride
Concen: 1.128 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

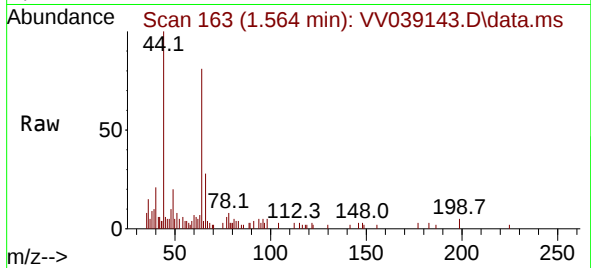
Tgt Ion: 62 Resp: 8342
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4





#6
Chloroethane
Concen: 0.673 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

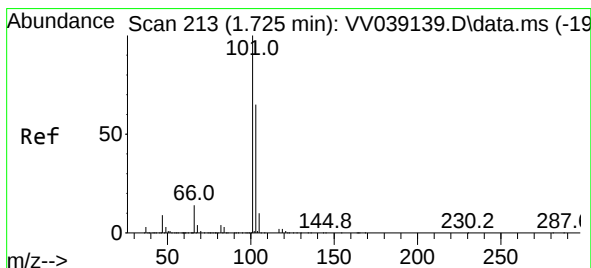
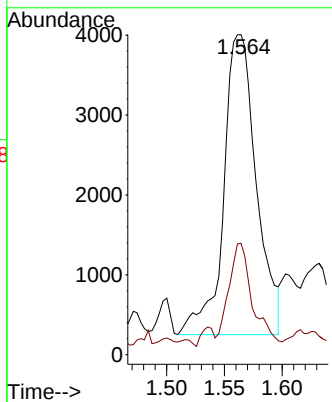
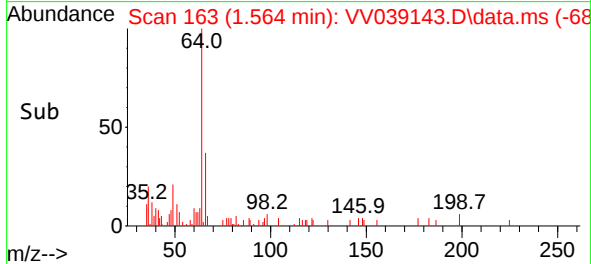
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



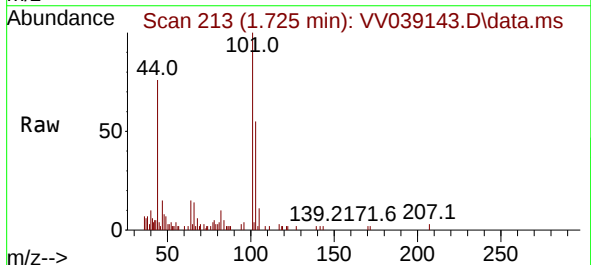
Tgt Ion: 64 Resp: 7440
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8

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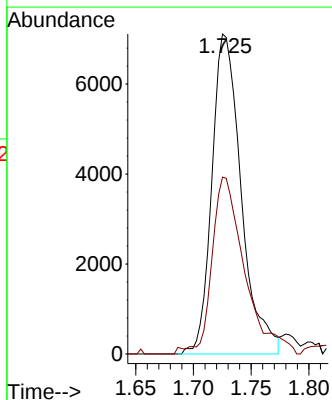
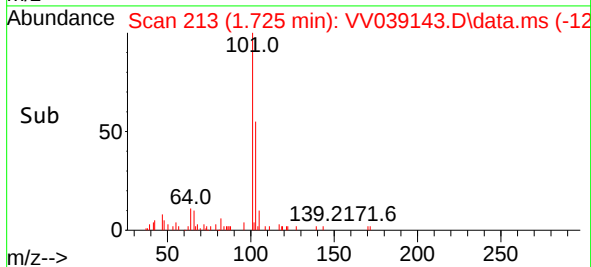
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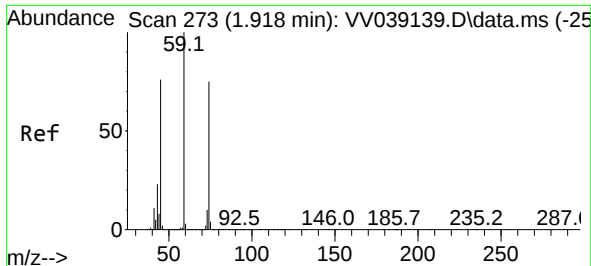


#7
Trichlorofluoromethane
Concen: 1.174 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35



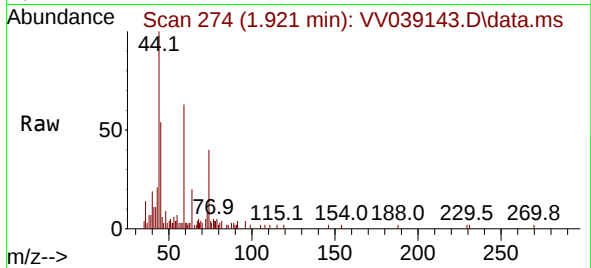
Tgt Ion:101 Resp: 12570
Ion Ratio Lower Upper
101 100
103 53.2 52.0 78.0





#8
Diethyl Ether
Concen: 1.170 ug/l
RT: 1.921 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

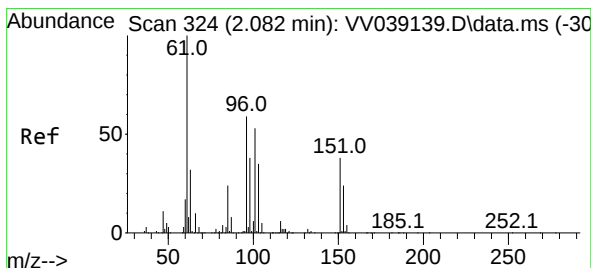
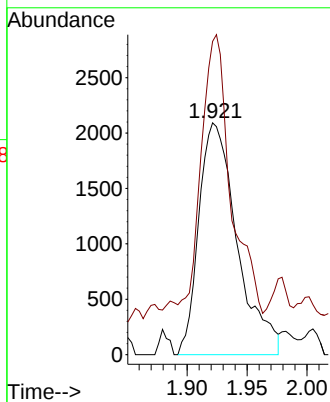
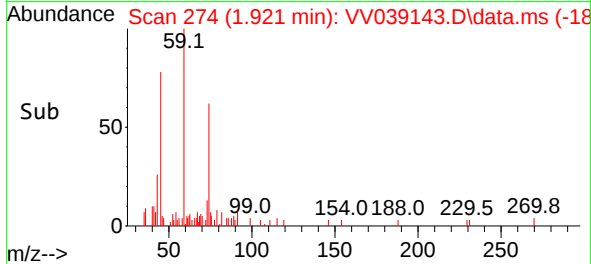
Instrument :
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Tgt Ion: 74 Resp: 4650
Ion Ratio Lower Upper
74 100
45 107.4 49.6 148.8

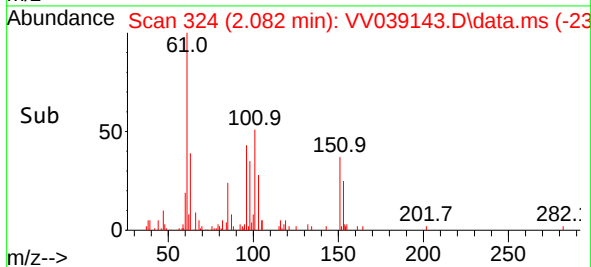
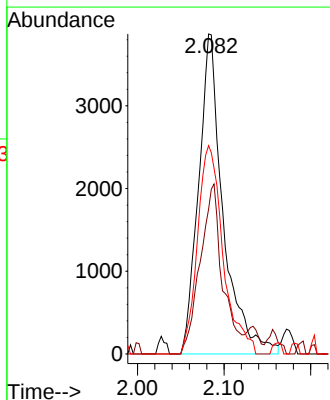
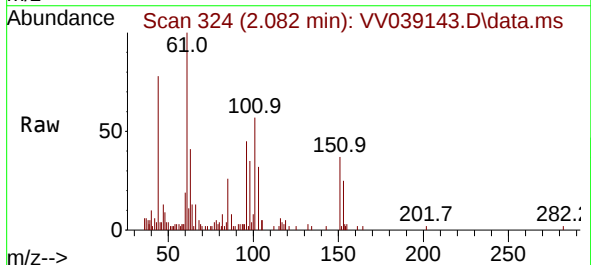
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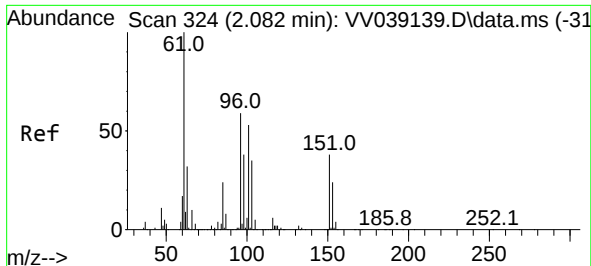
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.198 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:101 Resp: 7630
Ion Ratio Lower Upper
101 100
85 48.1 36.2 54.2
151 67.5 56.3 84.5





#12

1,1-Dichloroethene

Concen: 1.157 ug/l

RT: 2.085 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

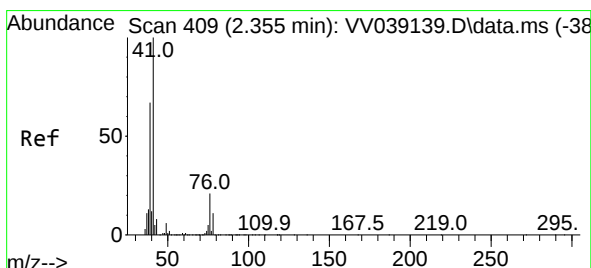
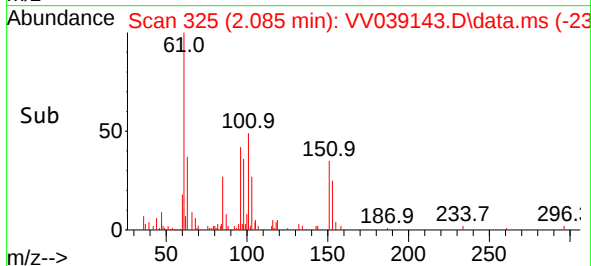
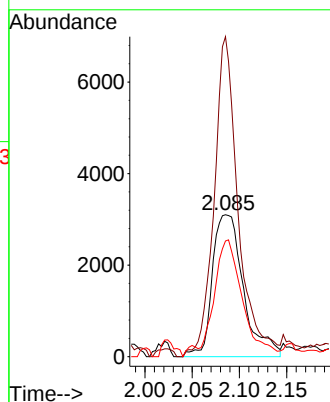
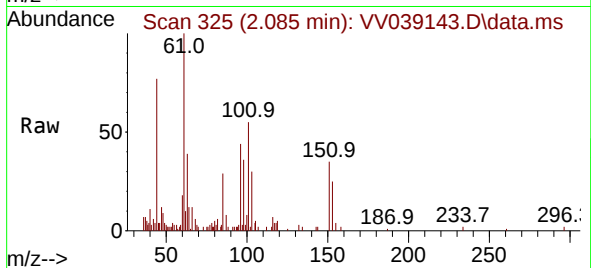
VSTDICC001

Tgt Ion:	96	Resp:	7094
Ion	Ratio	Lower	Upper
96	100		
61	225.5	136.0	204.0
98	77.5	51.0	76.6

Manual Integrations

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#14

Allyl chloride

Concen: 1.131 ug/l

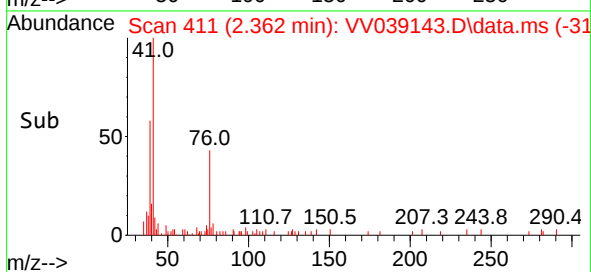
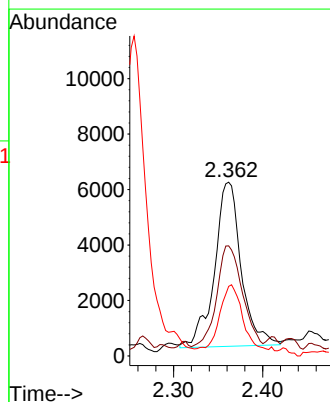
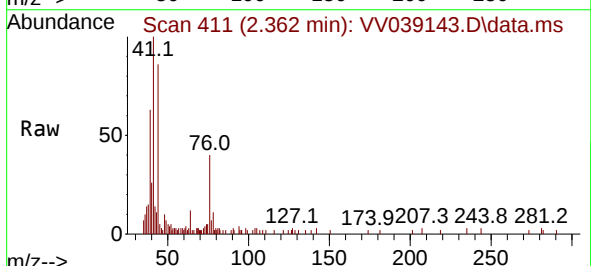
RT: 2.362 min Scan# 411

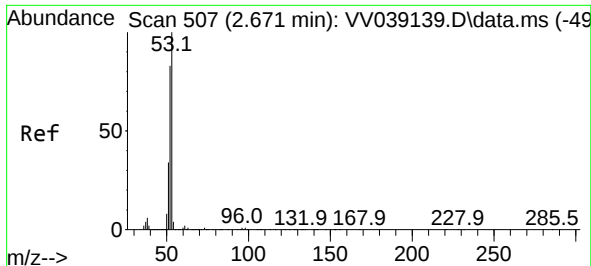
Delta R.T. 0.006 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

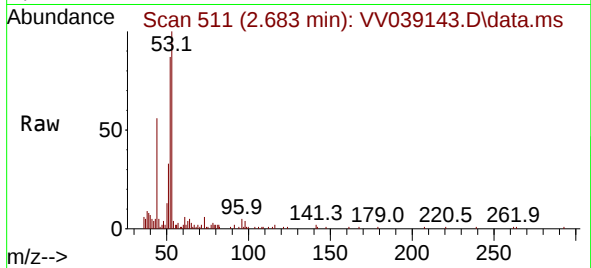
Tgt Ion:	41	Resp:	12383
Ion	Ratio	Lower	Upper
41	100		
39	60.4	51.0	76.6
76	35.0	28.2	42.4





#15
Acrylonitrile
Concen: 5.989 ug/l
RT: 2.683 min Scan# 511
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

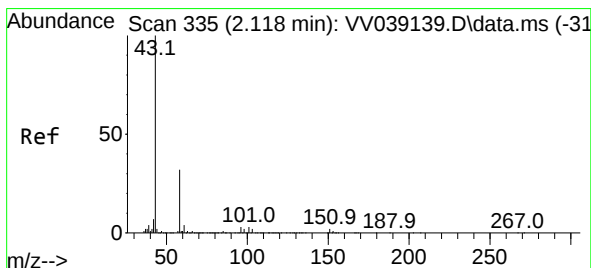
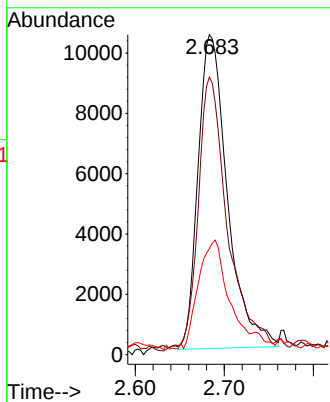
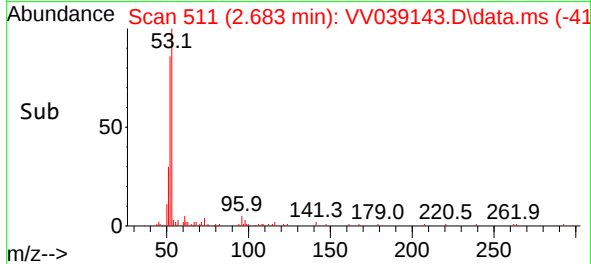
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 2387
Ion Ratio Lower Upper
53 100
52 87.4 66.1 99.1
51 35.1 28.5 42.7

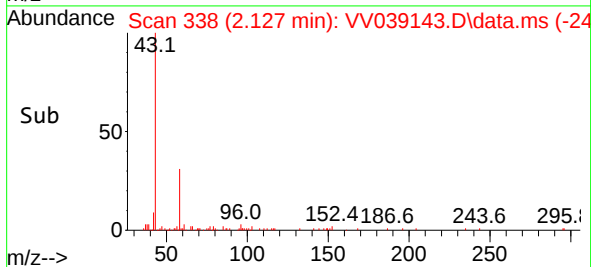
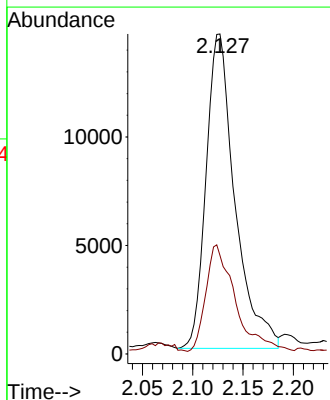
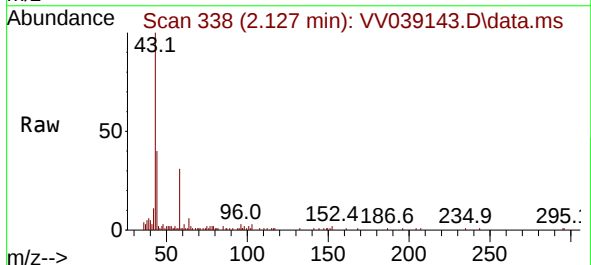
Manual Integrations
APPROVED

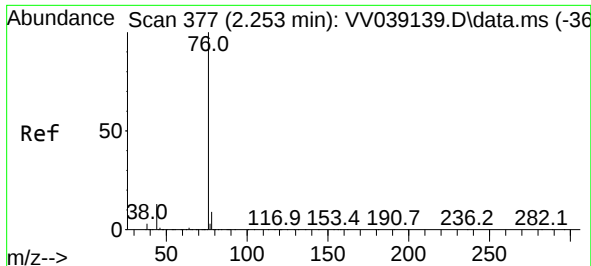
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#16
Acetone
Concen: 3.224 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.009 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

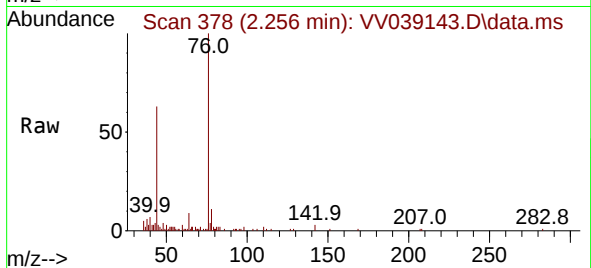
Tgt Ion: 43 Resp: 28927
Ion Ratio Lower Upper
43 100
58 30.2 25.8 38.6





#17
Carbon Disulfide
Concen: 1.158 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

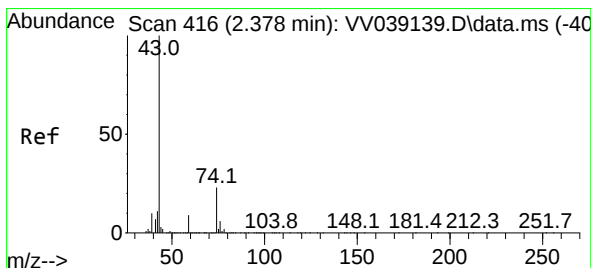
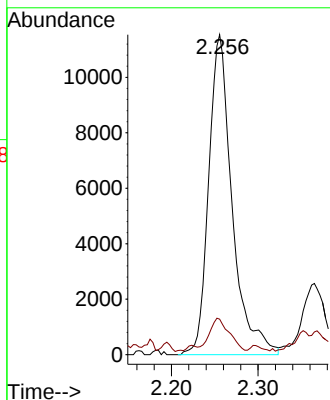
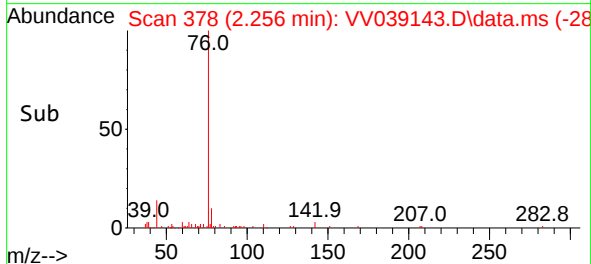
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



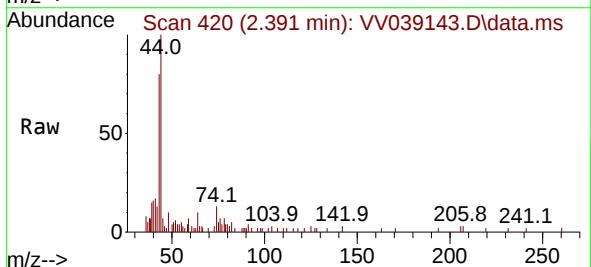
Tgt Ion: 76 Resp: 21708
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
APPROVED

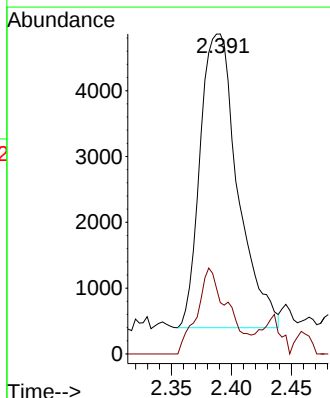
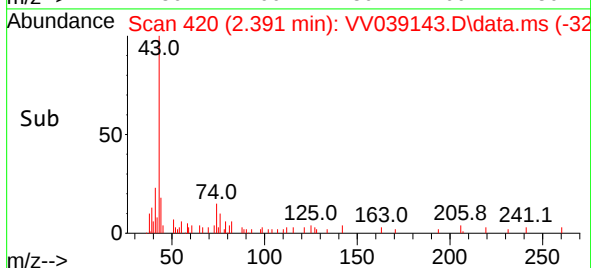
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

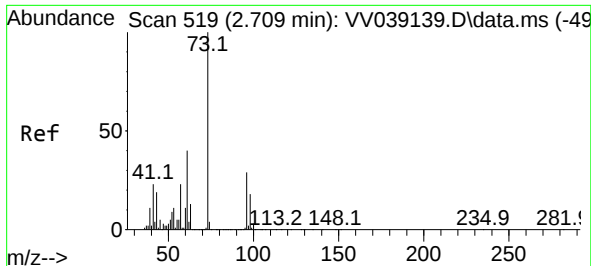


#18
Methyl Acetate
Concen: 1.118 ug/l
RT: 2.391 min Scan# 420
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35



Tgt Ion: 43 Resp: 9742
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8





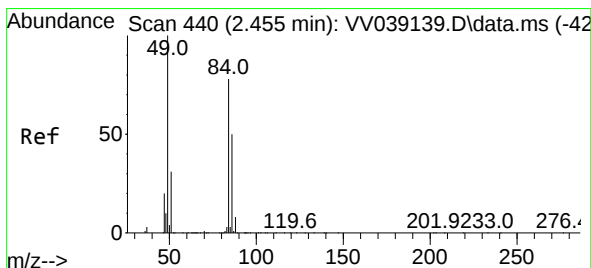
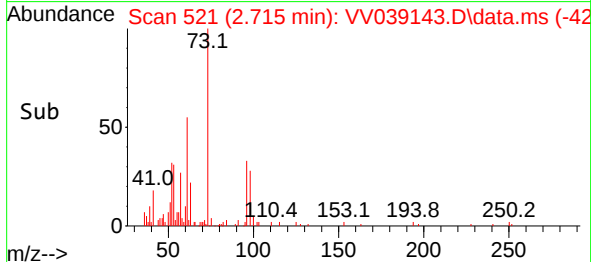
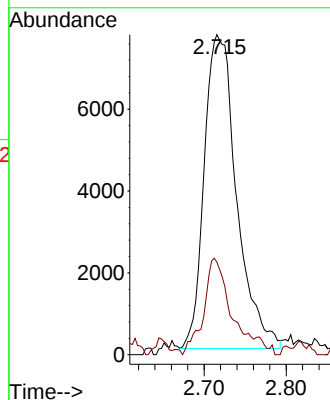
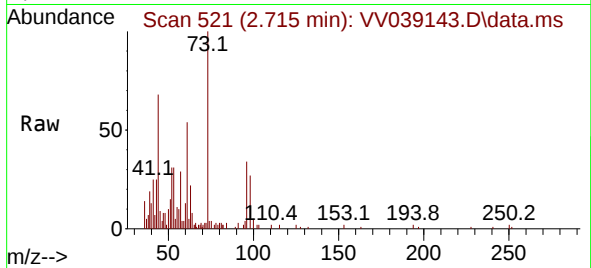
#19
Methyl tert-butyl Ether
Concen: 1.078 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 2106
Ion Ratio Lower Upper
73 100
57 28.1 18.2 27.4

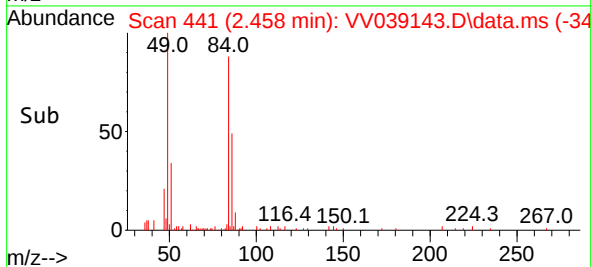
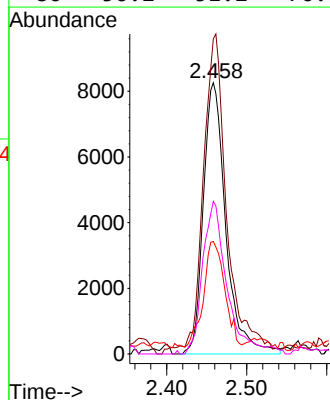
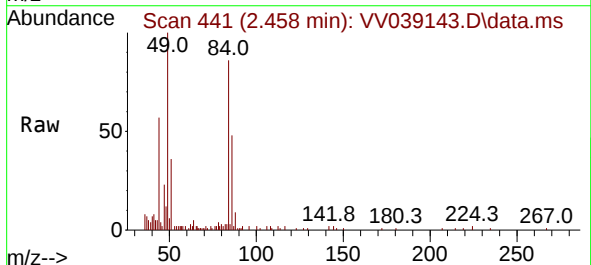
Manual Integrations
APPROVED

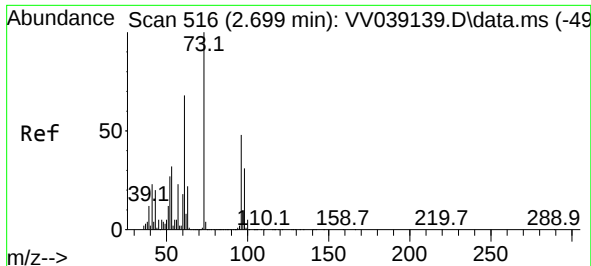
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

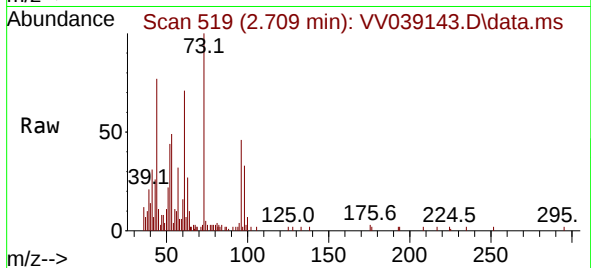
Tgt Ion: 84 Resp: 16152
Ion Ratio Lower Upper
84 100
49 114.5 102.8 154.2
51 38.2 31.9 47.9
86 56.2 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 1.195 ug/l
RT: 2.709 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

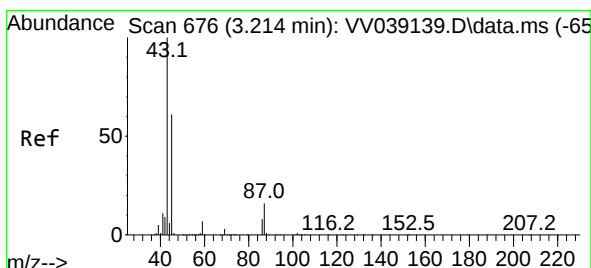
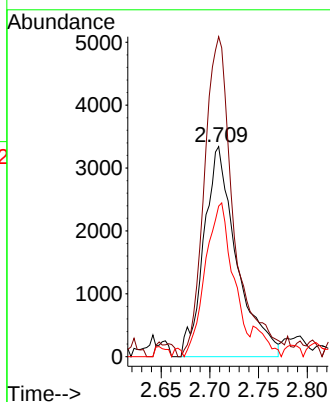
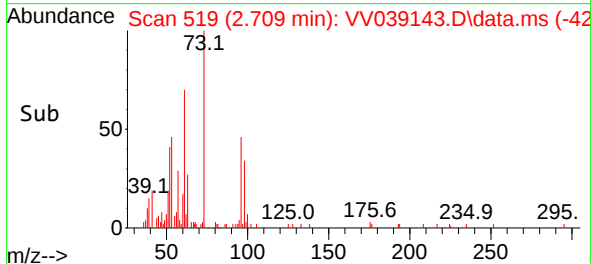
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 779
Ion Ratio Lower Upper
96 100
61 152.3 112.8 169.2
98 68.3 51.1 76.7

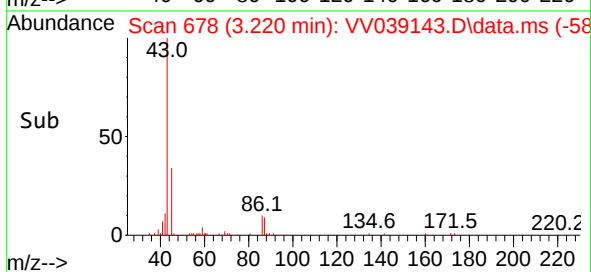
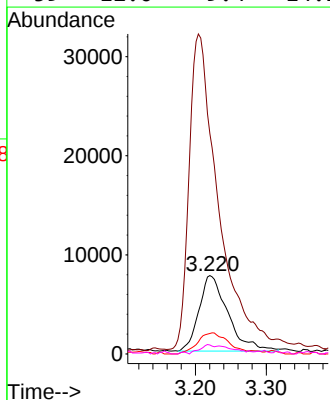
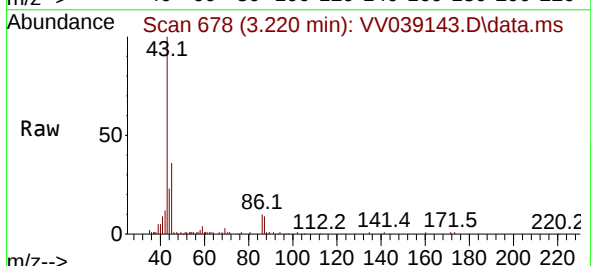
Manual Integrations
APPROVED

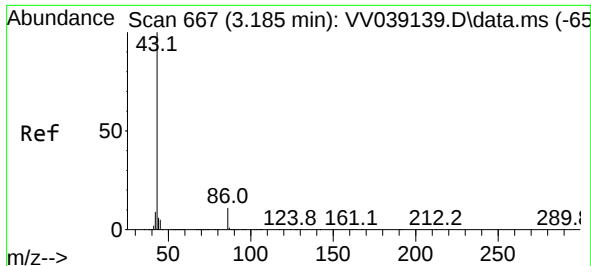
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#22
Diisopropyl ether
Concen: 1.032 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 45 Resp: 21620
Ion Ratio Lower Upper
45 100
43 273.0 130.9 196.3#
87 27.1 21.1 31.7
59 12.0 9.4 14.2





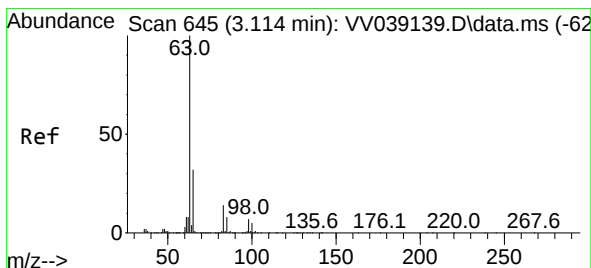
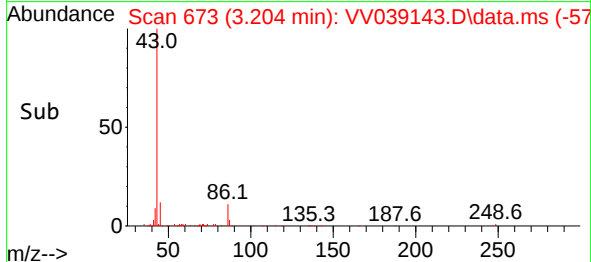
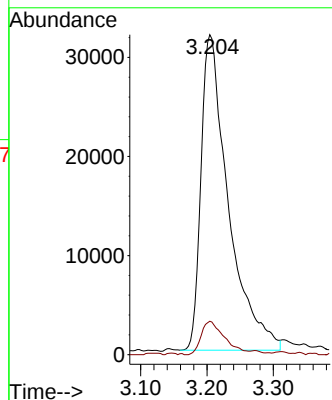
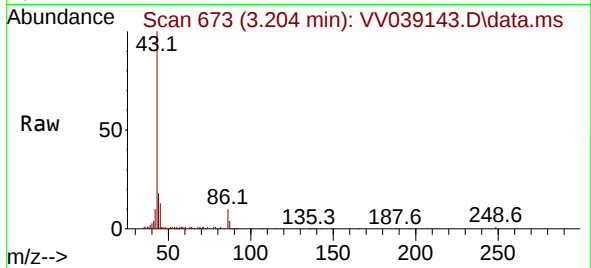
#23
 Vinyl Acetate
 Concen: 4.977 ug/l
 RT: 3.204 min Scan# 611
 Delta R.T. 0.019 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 91192
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6

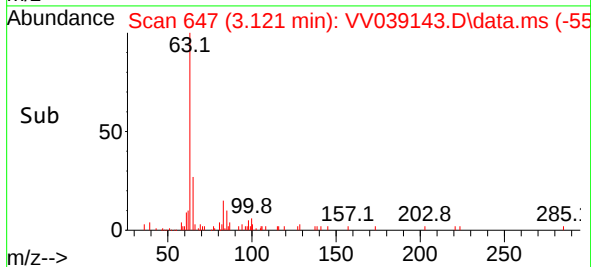
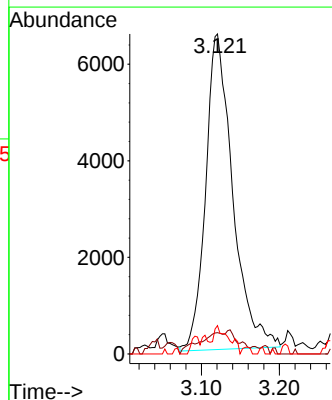
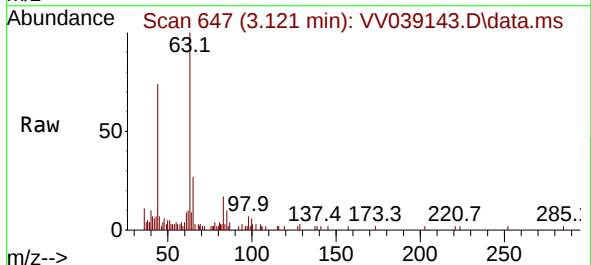
Manual Integrations
 APPROVED

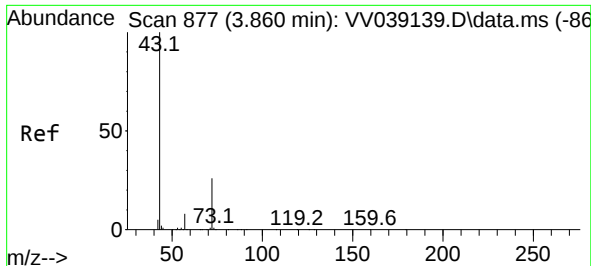
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 1.233 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.006 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Tgt Ion: 63 Resp: 15790
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 9.0 2.2 6.6#





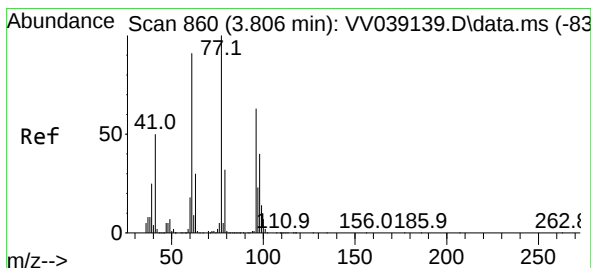
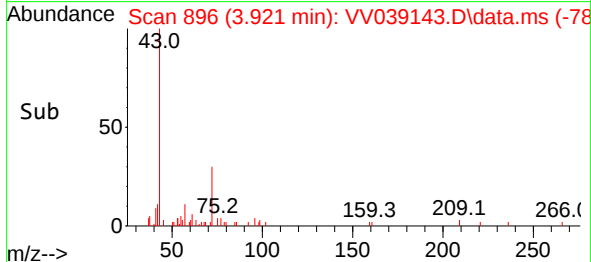
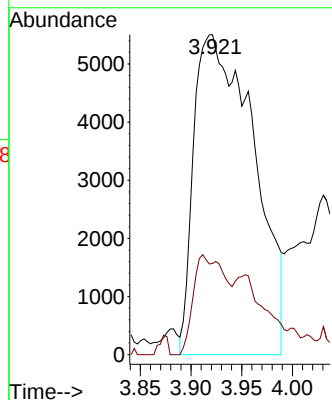
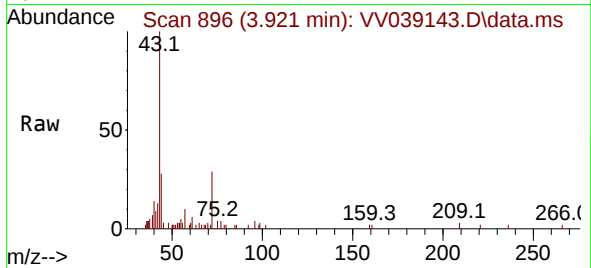
#25
2-Butanone
Concen: 4.862 ug/l m
RT: 3.921 min Scan# 896
Delta R.T. 0.061 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
72 28.5 21.0 31.6

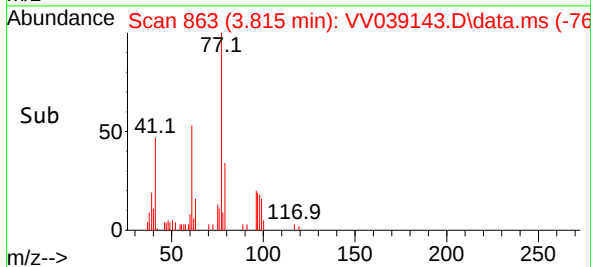
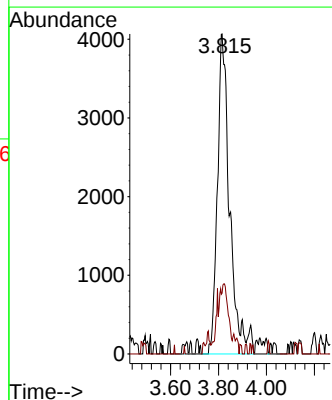
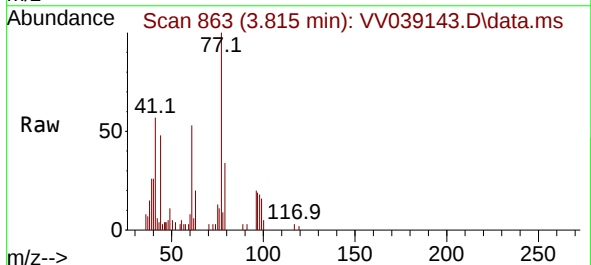
Manual Integrations
APPROVED

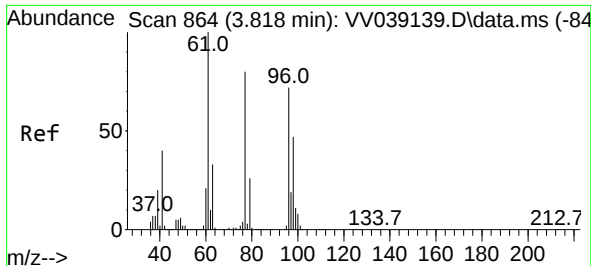
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#26
2,2-Dichloropropane
Concen: 1.369 ug/l m
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 77 Resp: 15492
Ion Ratio Lower Upper
77 100
97 0.3 11.6 34.7#





#27
 cis-1,2-Dichloroethene
 Concen: 1.131 ug/l
 RT: 3.834 min Scan# 869
 Delta R.T. 0.016 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

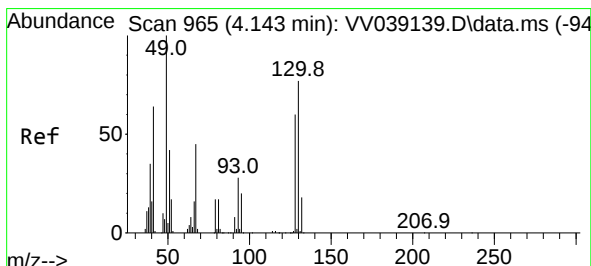
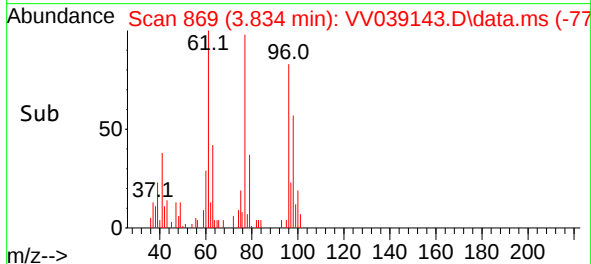
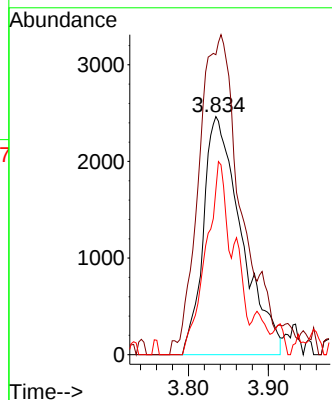
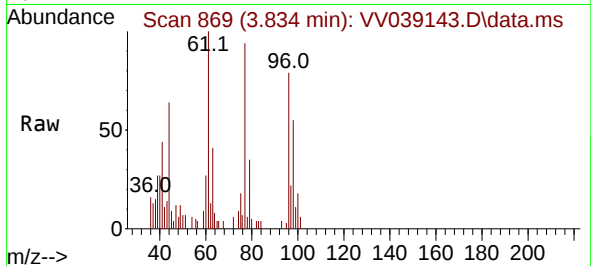
VSTDICC001

Tgt Ion: 96 Resp: 8138
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 286.4
 98 46.3 0.0 126.6

Manual Integrations

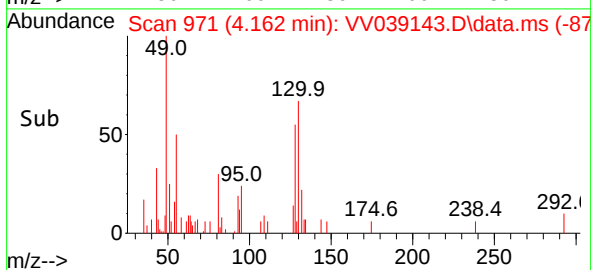
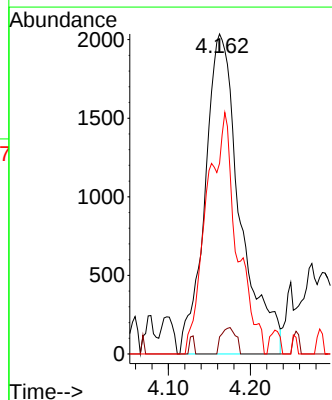
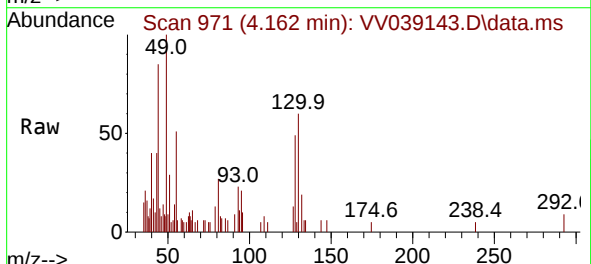
APPROVED

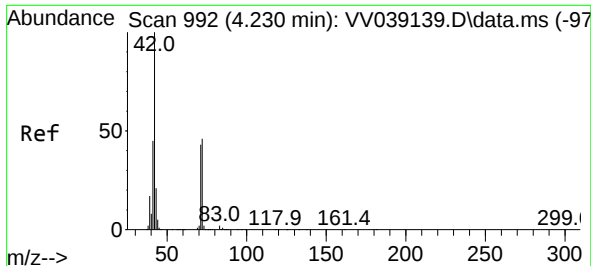
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#28
 Bromochloromethane
 Concen: 1.068 ug/l
 RT: 4.162 min Scan# 971
 Delta R.T. 0.019 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Tgt Ion: 49 Resp: 6039
 Ion Ratio Lower Upper
 49 100
 129 3.5 0.0 4.2
 130 34.4 60.2 90.2#





#29

Tetrahydrofuran

Concen: 4.619 ug/l

RT: 4.262 min Scan# 1002

Delta R.T. 0.032 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

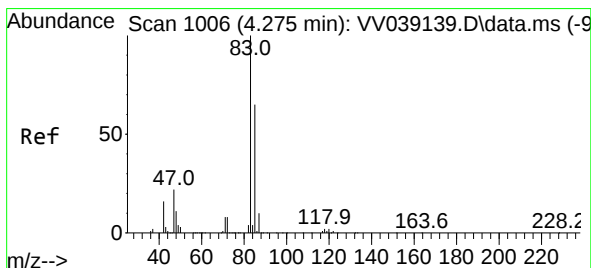
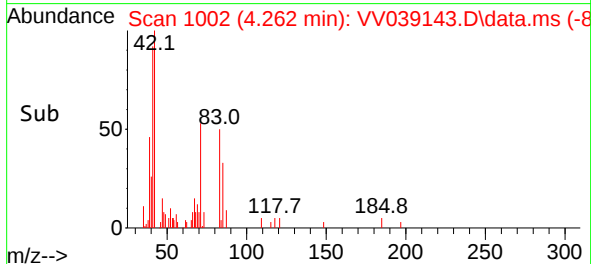
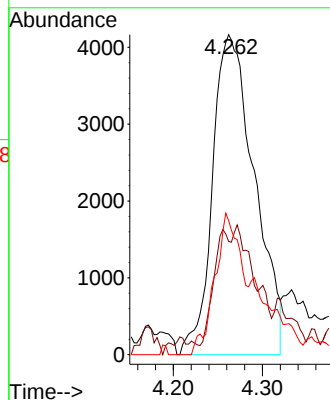
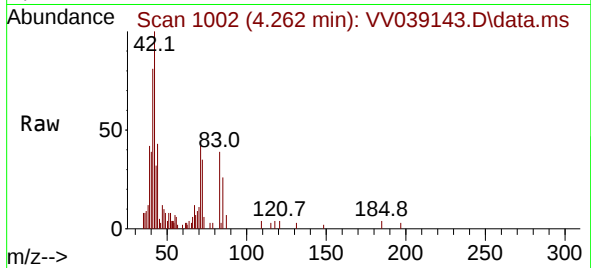
Tgt Ion:	42	Resp:	1362
Ion Ratio	Lower	Upper	
42	100		
72	14.9	36.3	54.5
71	28.2	34.3	51.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#30

Chloroform

Concen: 1.143 ug/l

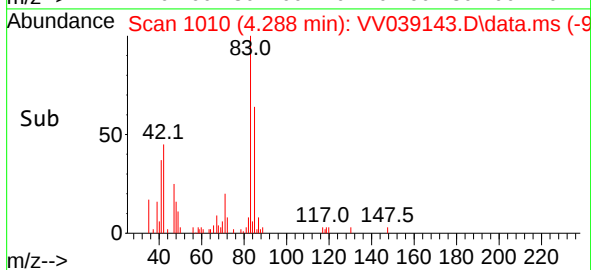
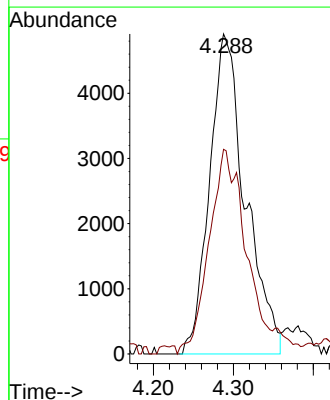
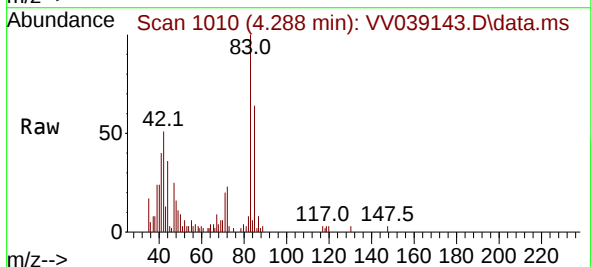
RT: 4.288 min Scan# 1010

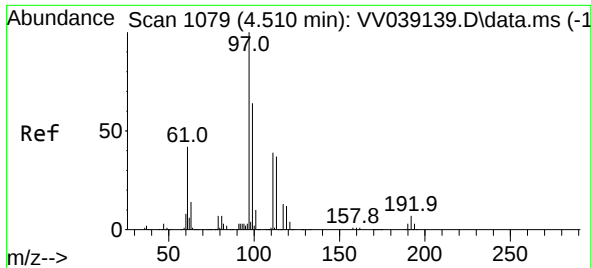
Delta R.T. 0.013 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

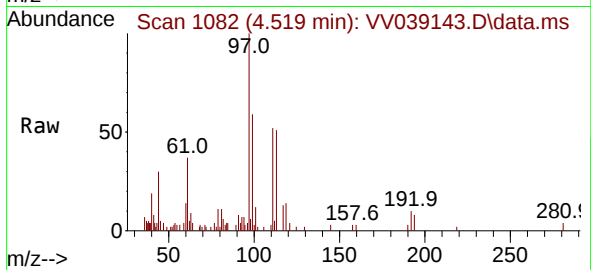
Tgt Ion:	83	Resp:	15288
Ion Ratio	Lower	Upper	
83	100		
85	61.9	52.1	78.1





#32
 1,1,1-Trichloroethane
 Concen: 1.116 ug/l
 RT: 4.519 min Scan# 1079
 Delta R.T. 0.010 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

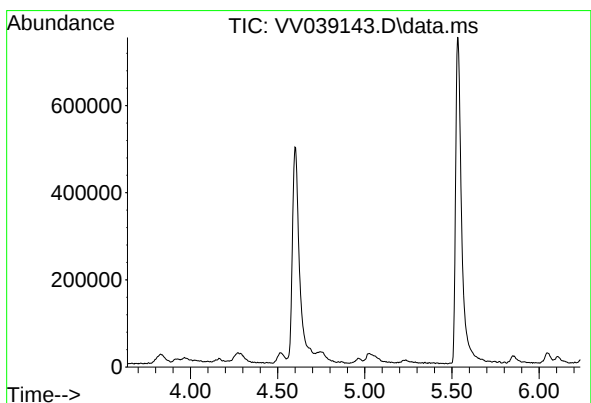
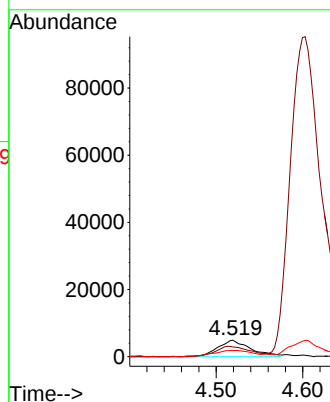
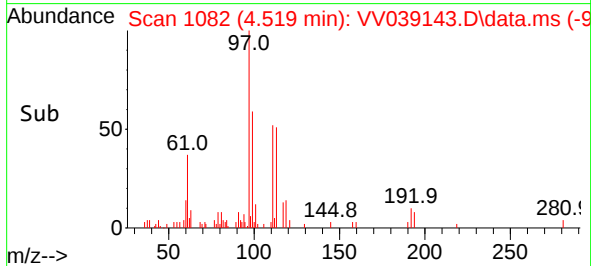
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001



Tgt Ion: 97 Resp: 12920
 Ion Ratio Lower Upper
 97 100
 99 66.0 49.6 74.4
 61 37.6 34.5 51.7

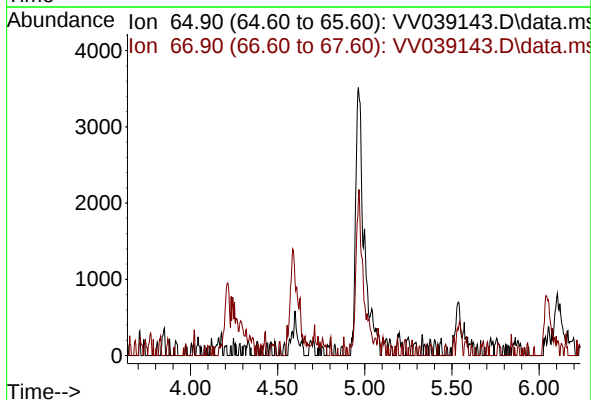
Manual Integrations
 APPROVED

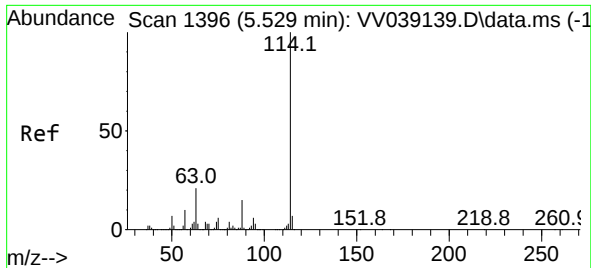
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 4.94 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 53.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 73585

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

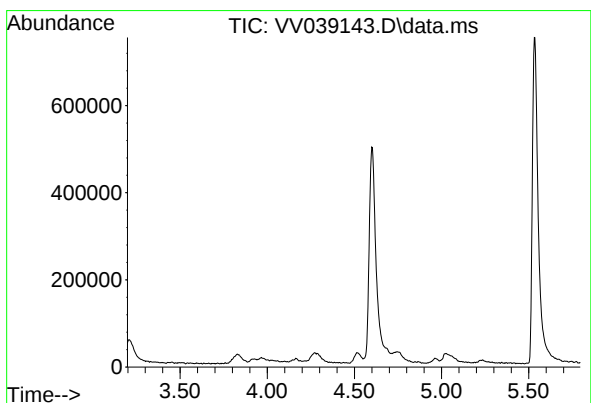
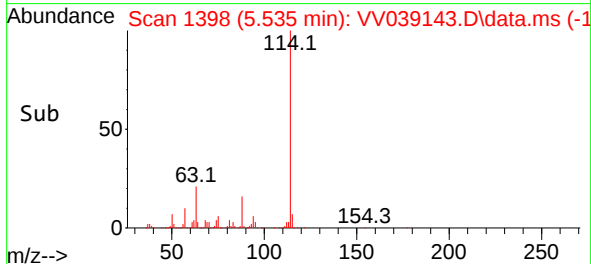
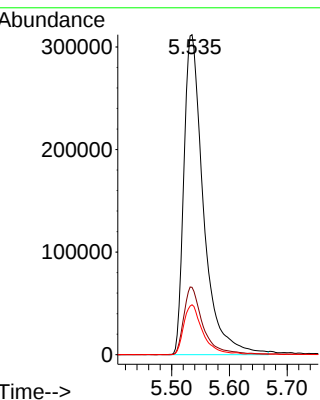
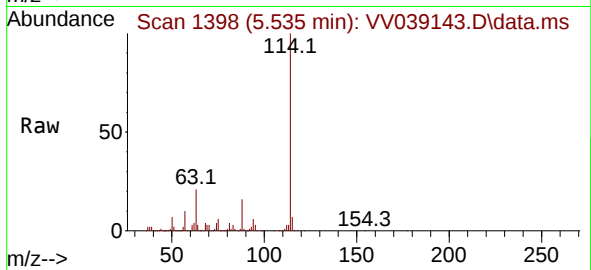
88 15.6 0.0 30.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.50 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

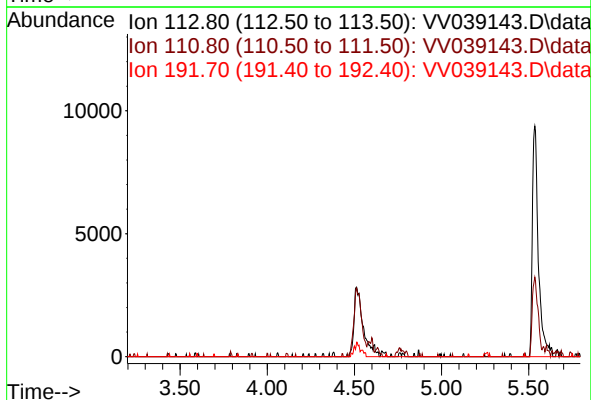
Tgt Ion: 113

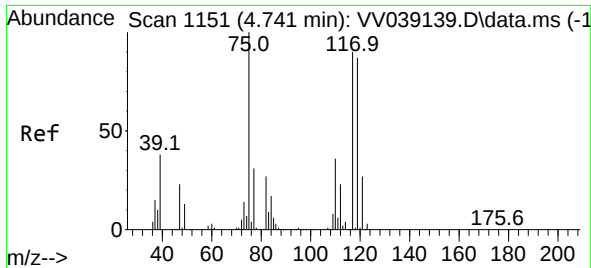
Sig Exp Ratio

113 100

111 103.0

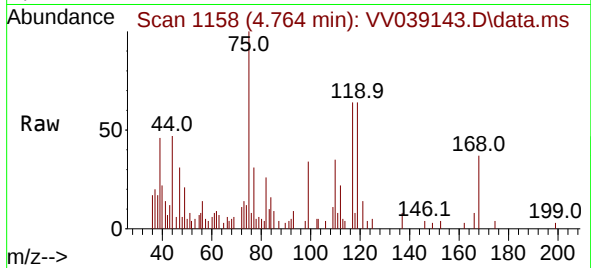
192 17.3





#36
1,1-Dichloropropene
Concen: 1.063 ug/l m
RT: 4.764 min Scan# 1151
Delta R.T. 0.023 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

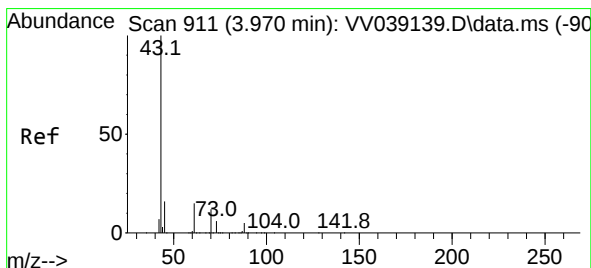
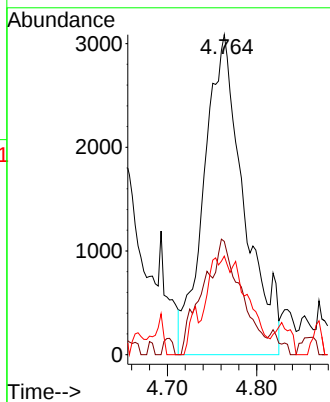
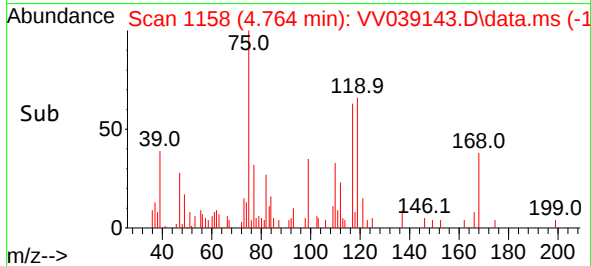
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 9572
Ion Ratio Lower Upper
75 100
110 34.7 18.1 54.1
77 5.4 24.8 37.2

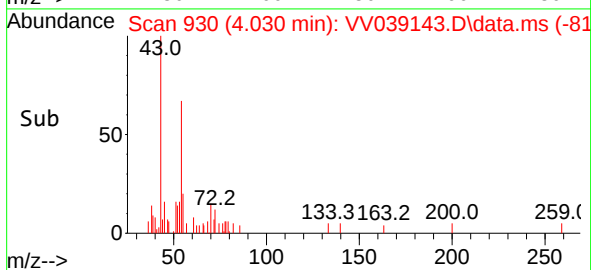
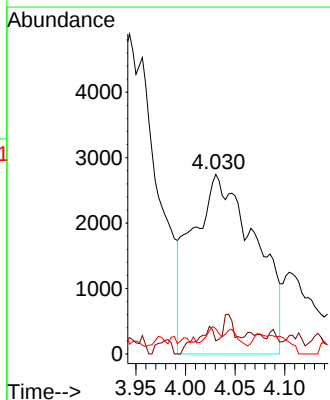
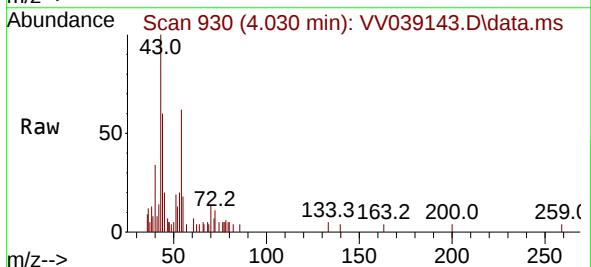
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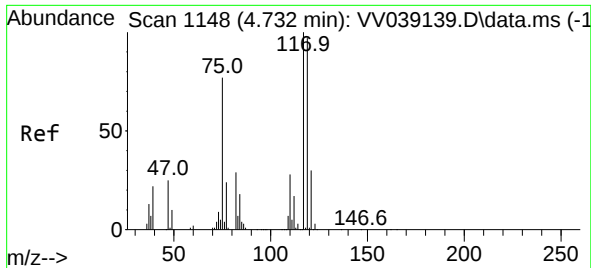
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#37
Ethyl Acetate
Concen: 1.098 ug/l m
RT: 4.030 min Scan# 930
Delta R.T. 0.060 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

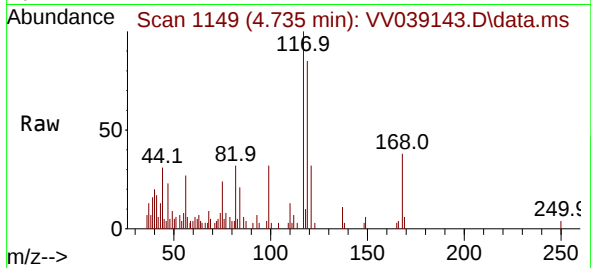
Tgt Ion: 43 Resp: 12136
Ion Ratio Lower Upper
43 100
61 4.2 10.3 15.5#
70 1.6 8.0 12.0#





#38
Carbon Tetrachloride
Concen: 1.207 ug/l m
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

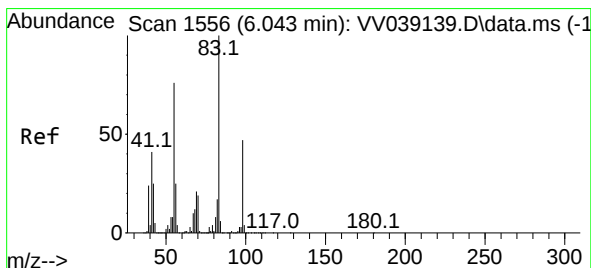
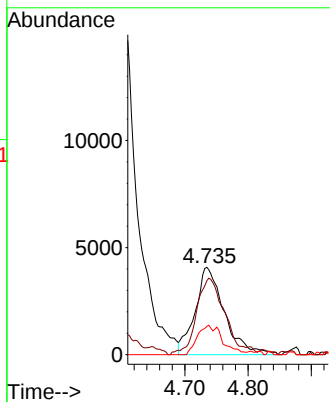
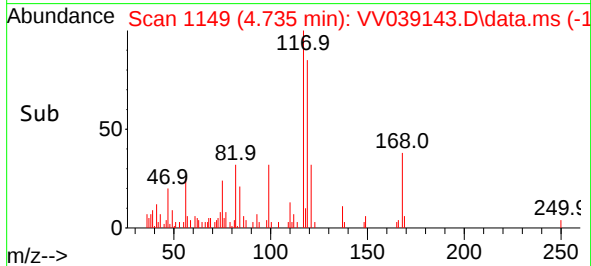
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 117 Resp: 13098
Ion Ratio Lower Upper
117 100
119 84.6 77.2 115.8
121 32.4 24.2 36.2

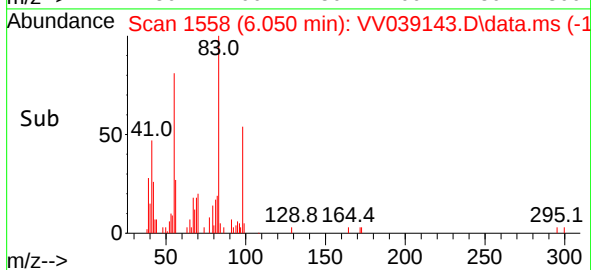
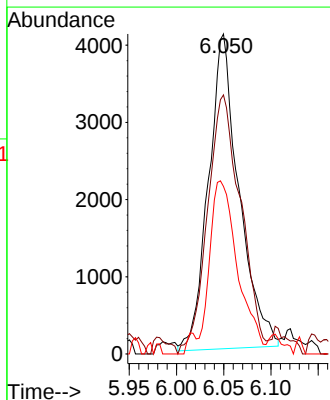
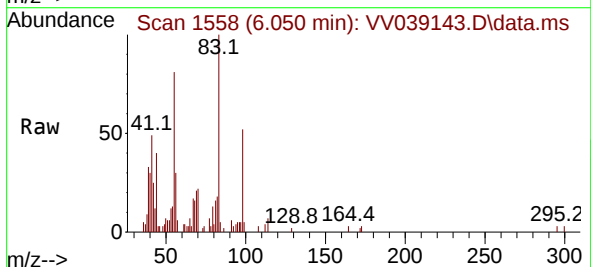
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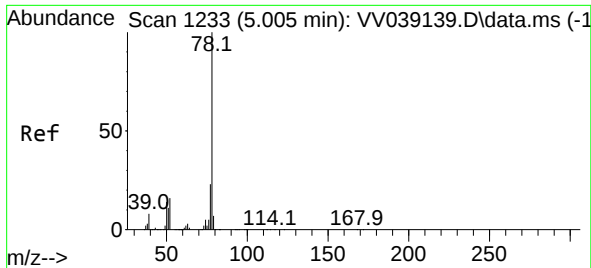
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#39
Methylcyclohexane
Concen: 0.848 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 83 Resp: 9159
Ion Ratio Lower Upper
83 100
55 83.0 60.5 90.7
98 53.7 37.8 56.6





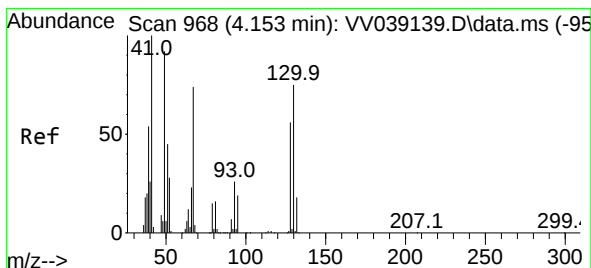
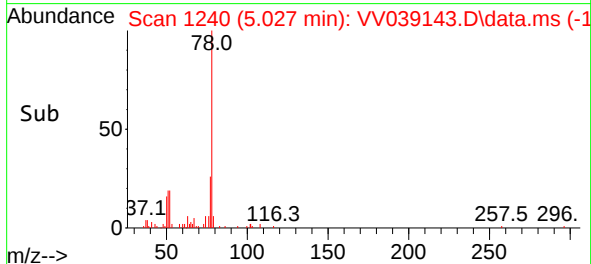
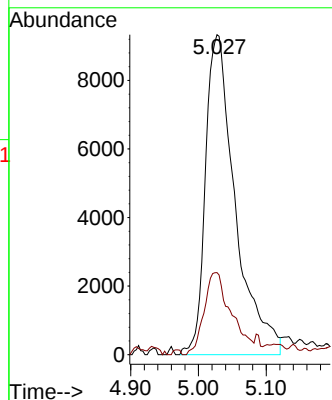
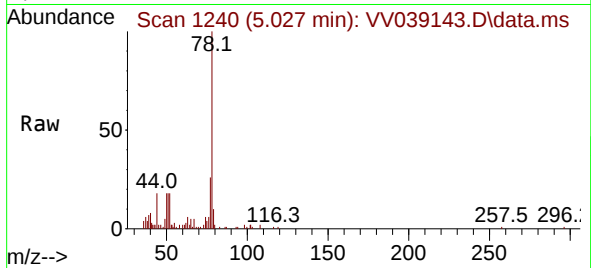
#40
Benzene
Concen: 0.978 ug/l
RT: 5.027 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 2848
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1

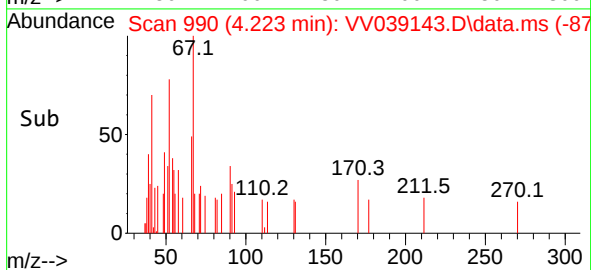
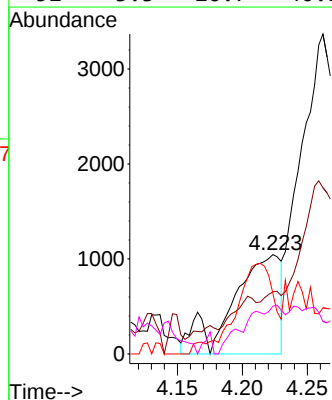
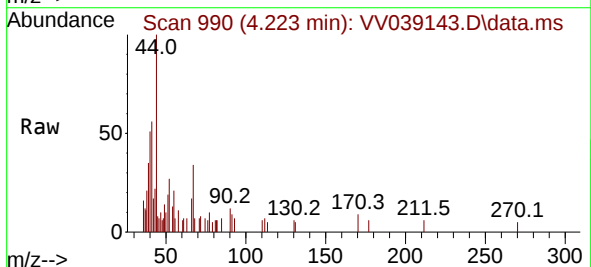
Manual Integrations
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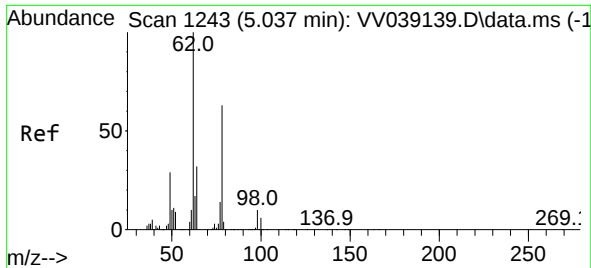
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#41
Methacrylonitrile
Concen: 2.427 ug/l m
RT: 4.223 min Scan# 990
Delta R.T. 0.070 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 41 Resp: 2717
Ion Ratio Lower Upper
41 100
39 5.4 42.2 63.2#
67 0.0 67.9 101.9#
52 3.3 26.7 40.1#





#42

1,2-Dichloroethane

Concen: 1.067 ug/l

RT: 5.059 min Scan# 11

Delta R.T. 0.022 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 1089

Ion Ratio Lower Upper

62 100

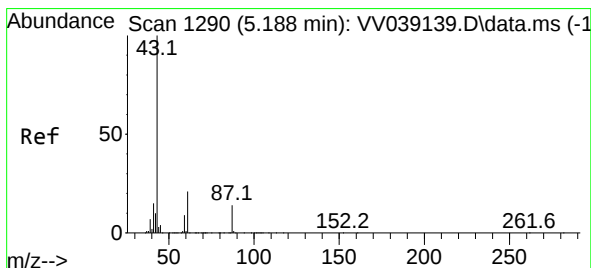
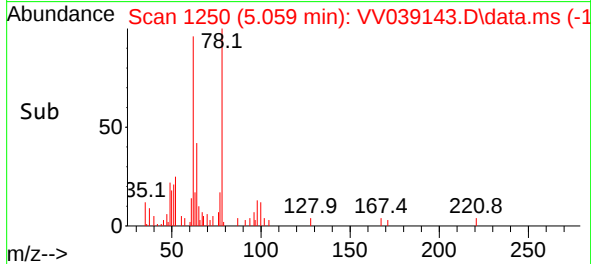
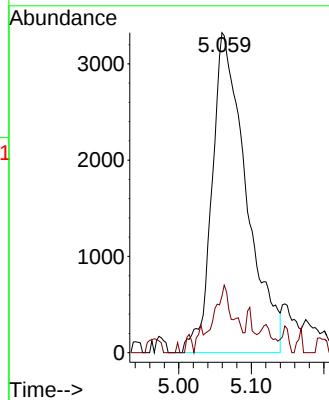
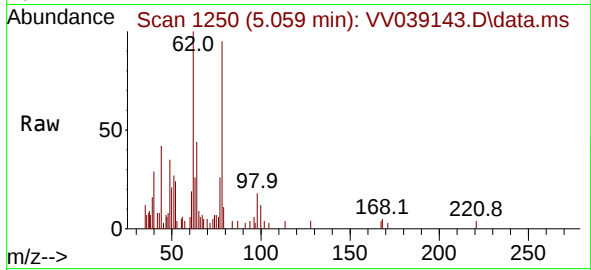
98 11.5 0.0 19.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#43

Isopropyl Acetate

Concen: 0.840 ug/l m

RT: 5.236 min Scan# 1305

Delta R.T. 0.048 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

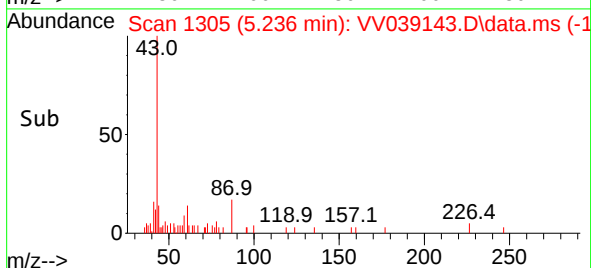
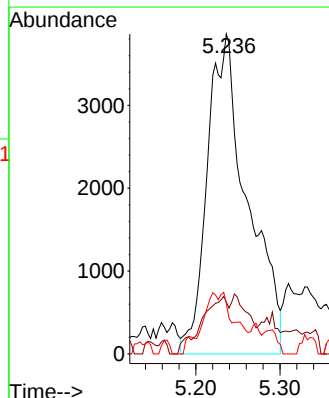
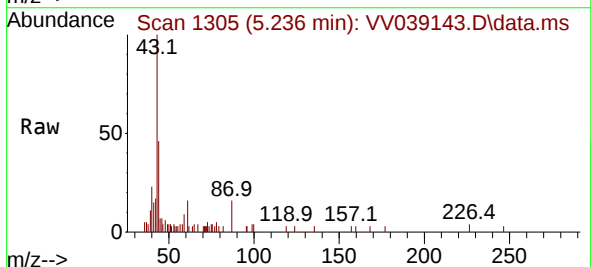
Tgt Ion: 43 Resp: 12786

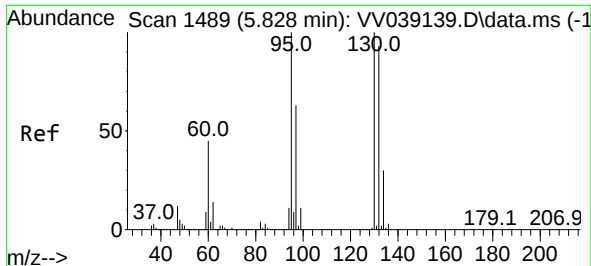
Ion Ratio Lower Upper

43 100

61 7.1 15.9 23.9#

87 4.4 11.0 16.6#





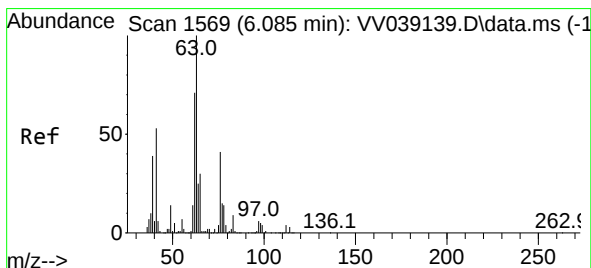
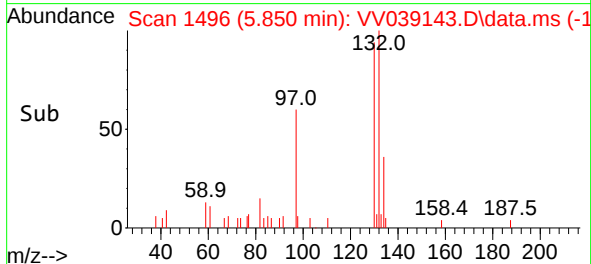
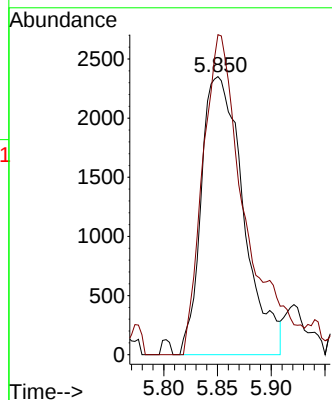
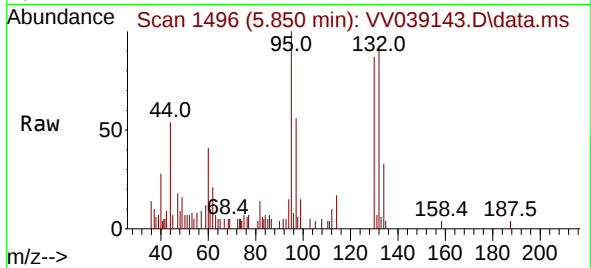
#44
Trichloroethene
Concen: 0.953 ug/l
RT: 5.850 min Scan# 1489
Delta R.T. 0.022 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:130 Resp: 6408
Ion Ratio Lower Upper
130 100
95 115.1 0.0 199.2

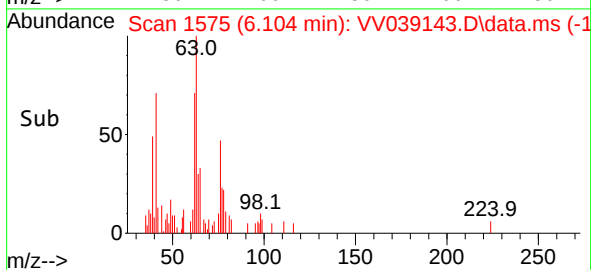
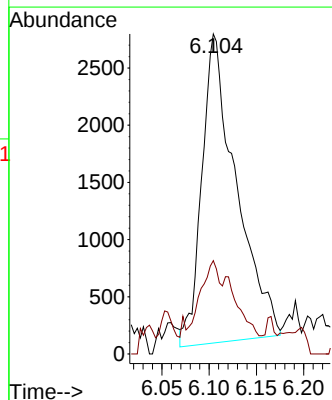
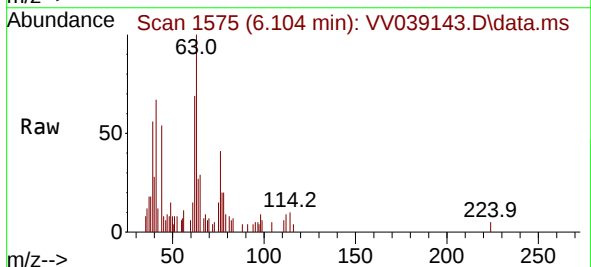
Manual Integrations
APPROVED

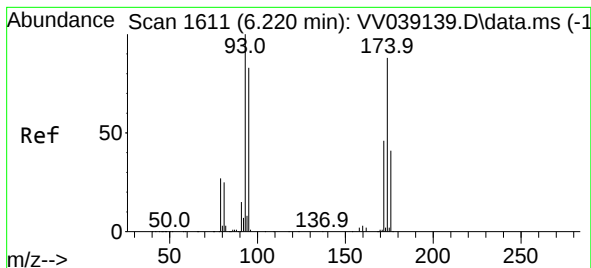
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#45
1,2-Dichloropropane
Concen: 0.945 ug/l
RT: 6.104 min Scan# 1575
Delta R.T. 0.019 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 63 Resp: 6838
Ion Ratio Lower Upper
63 100
65 25.8 23.7 35.5





#46

Dibromomethane

Concen: 1.053 ug/l

RT: 6.249 min Scan# 1620

Delta R.T. 0.029 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

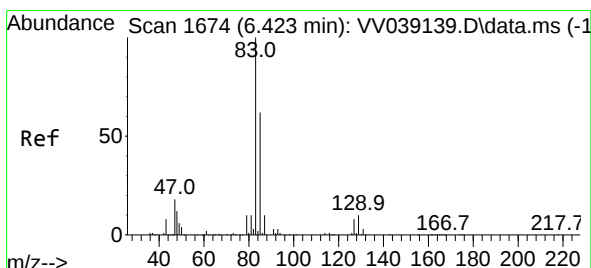
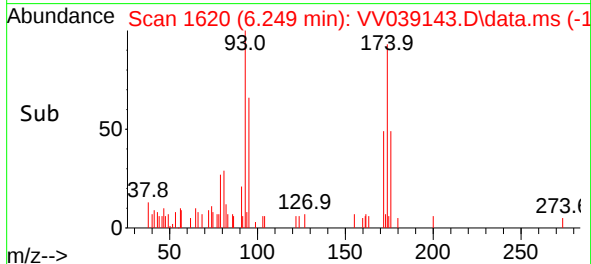
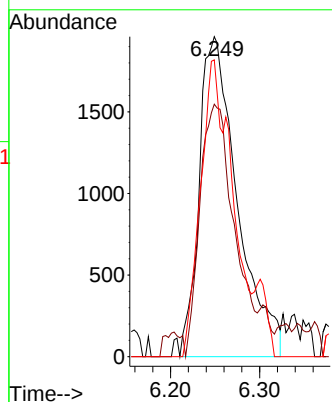
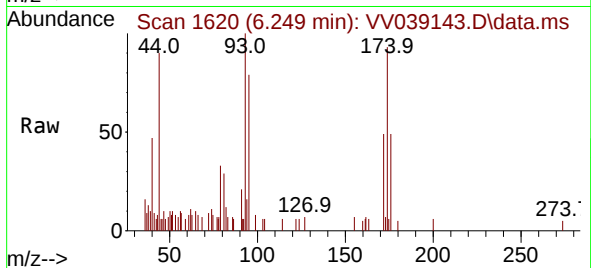
VSTDICC001

Tgt Ion:	93	Resp:	583
Ion	Ratio	Lower	Upper
93	100		
95	70.8	65.5	98.3
174	77.3	69.0	103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#47

Bromodichloromethane

Concen: 1.066 ug/l

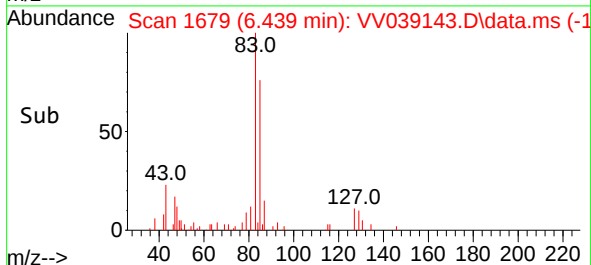
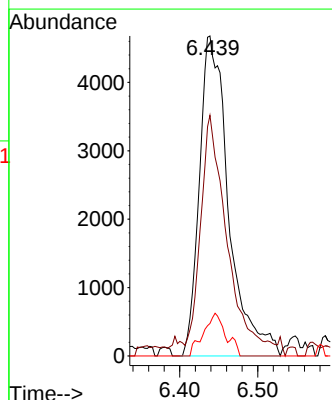
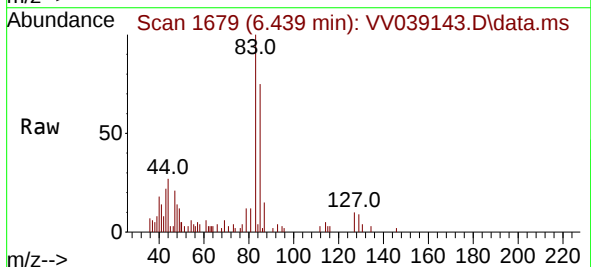
RT: 6.439 min Scan# 1679

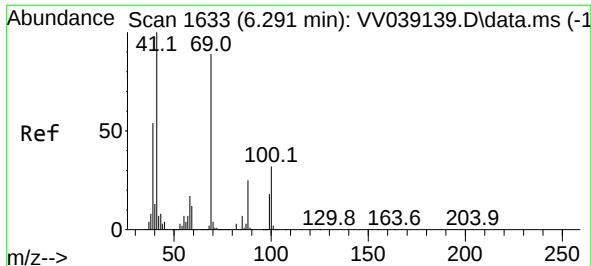
Delta R.T. 0.016 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

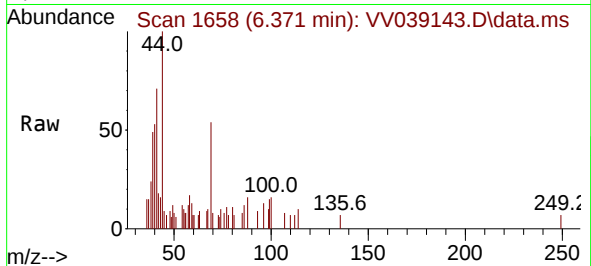
Tgt Ion:	83	Resp:	12206
Ion	Ratio	Lower	Upper
83	100		
85	70.7	49.7	74.5
127	10.2	6.6	9.8





#48
Methyl methacrylate
Concen: 1.038 ug/l m
RT: 6.371 min Scan# 1658
Delta R.T. 0.080 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

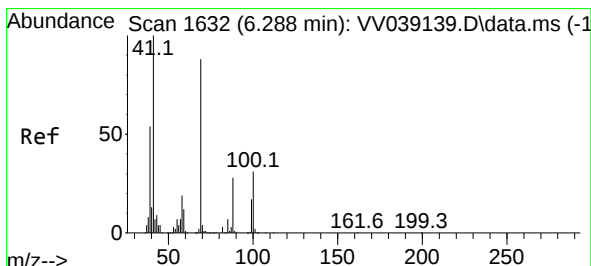
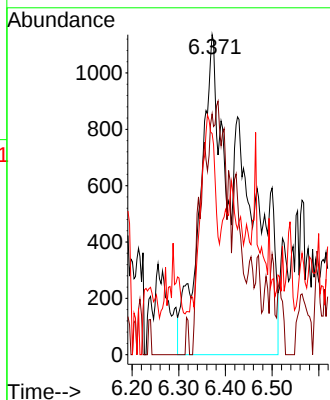
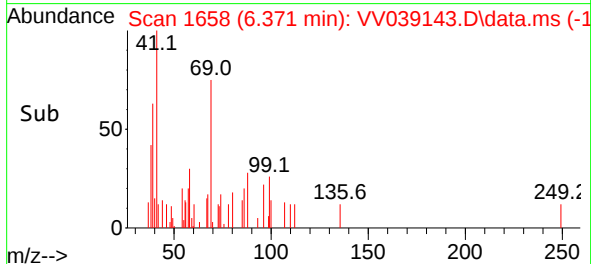
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 41 Resp: 723
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6
39 0.0 42.5 63.7

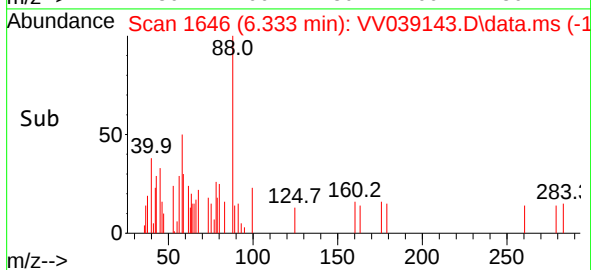
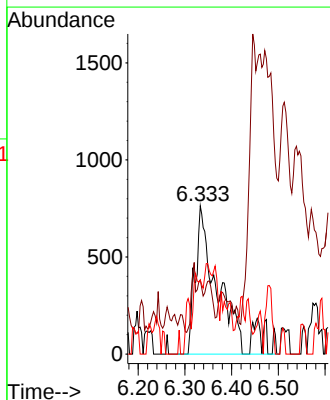
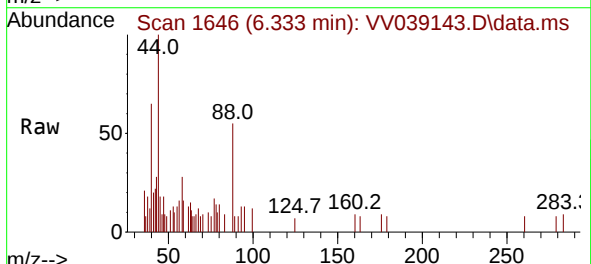
Manual Integrations
APPROVED

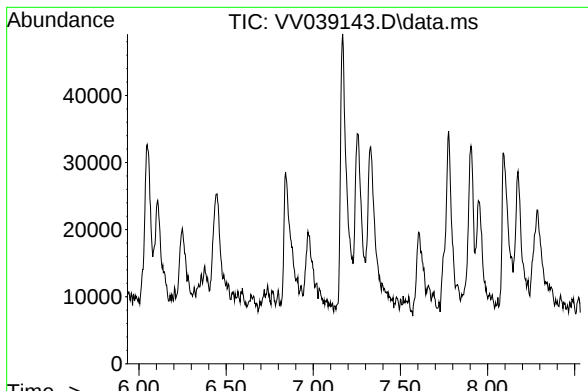
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#49
1,4-Dioxane
Concen: 24.855 ug/l m
RT: 6.333 min Scan# 1646
Delta R.T. 0.045 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 88 Resp: 2721
Ion Ratio Lower Upper
88 100
43 9.6 25.1 37.7#
58 12.8 53.6 80.4#

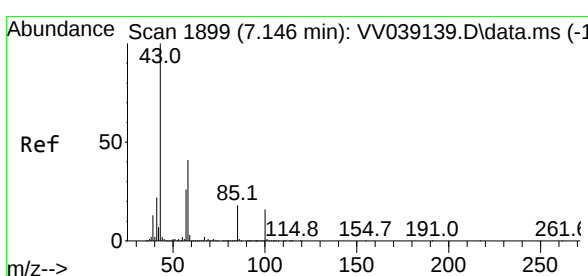
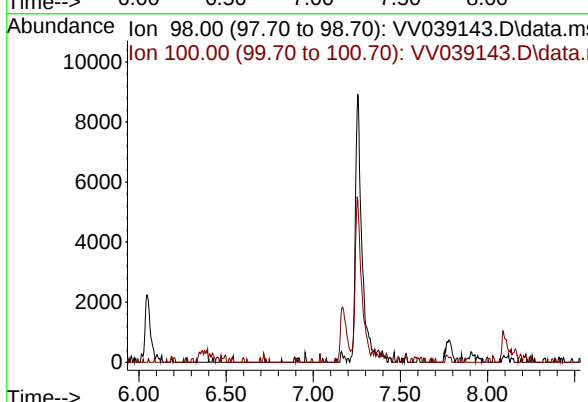




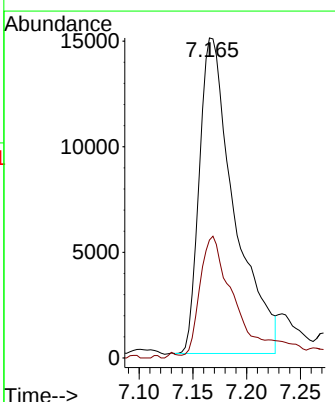
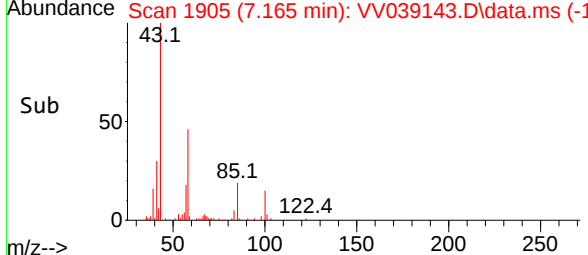
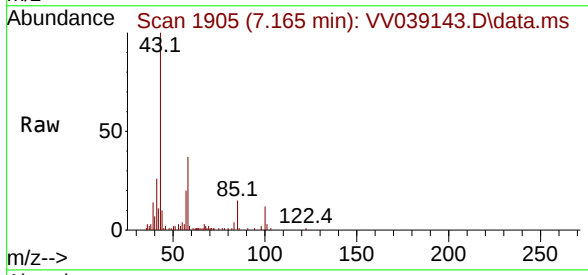
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 7.23 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35
 Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.2

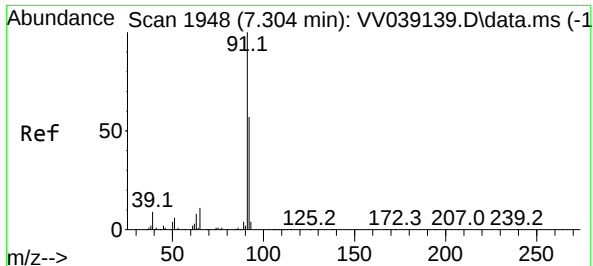
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#51
 4-Methyl-2-Pentanone
 Concen: 3.472 ug/l
 RT: 7.165 min Scan# 1905
 Delta R.T. 0.019 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35
 Tgt Ion: 43 Resp: 33797
 Ion Ratio Lower Upper
 43 100
 58 38.1 32.3 48.5





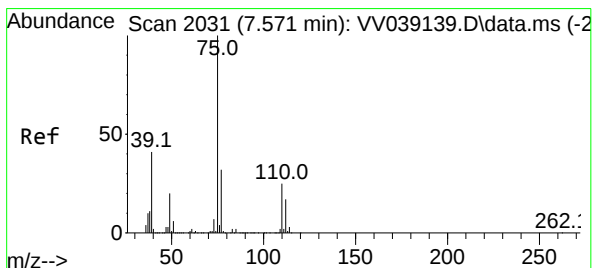
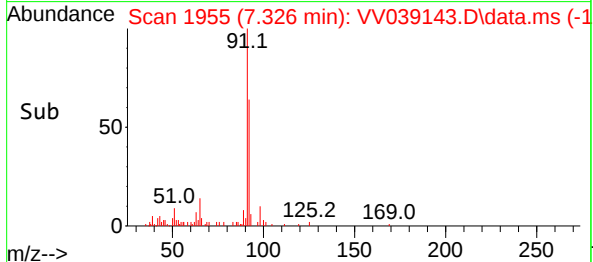
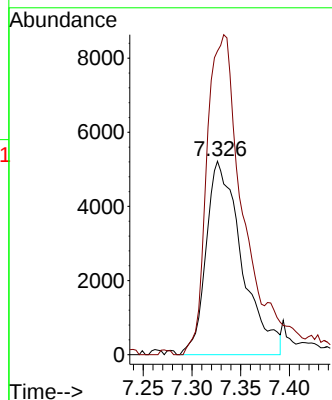
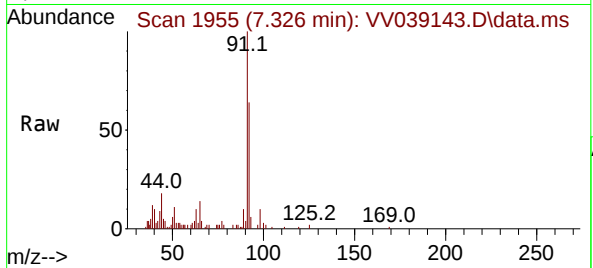
#52
Toluene
Concen: 0.786 ug/l
RT: 7.326 min Scan# 1948
Delta R.T. 0.022 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 92 Resp: 1326
Ion Ratio Lower Upper
92 100
91 156.2 139.2 208.8

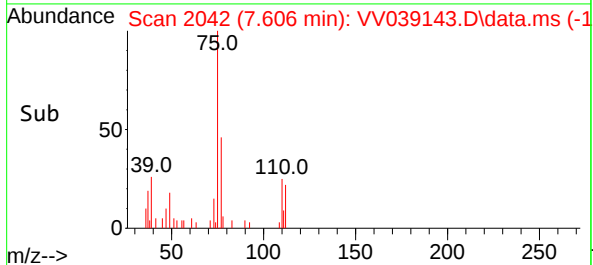
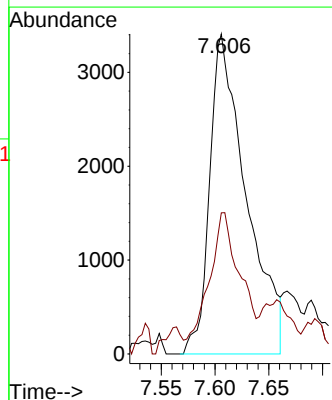
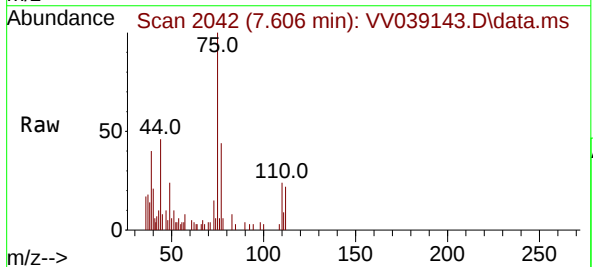
Manual Integrations
APPROVED

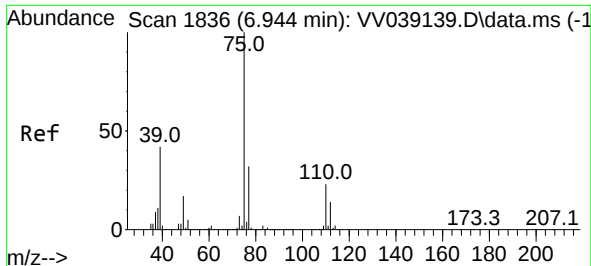
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#53
t-1,3-Dichloropropene
Concen: 0.807 ug/l
RT: 7.606 min Scan# 2042
Delta R.T. 0.035 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 75 Resp: 8060
Ion Ratio Lower Upper
75 100
77 38.0 25.9 38.9





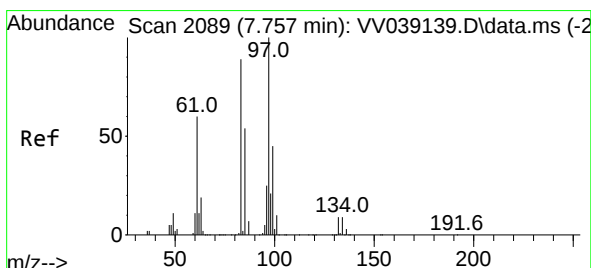
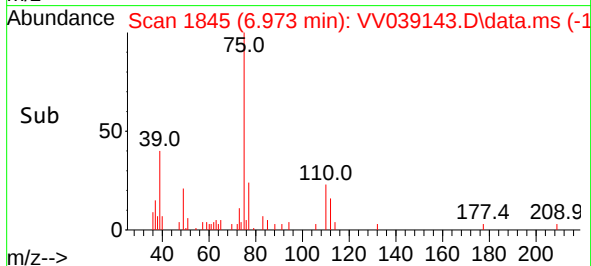
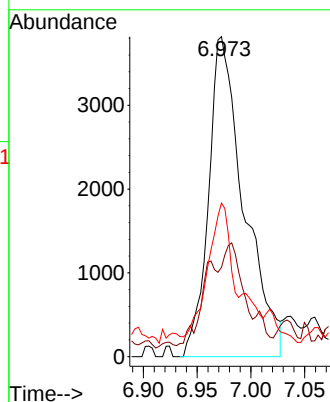
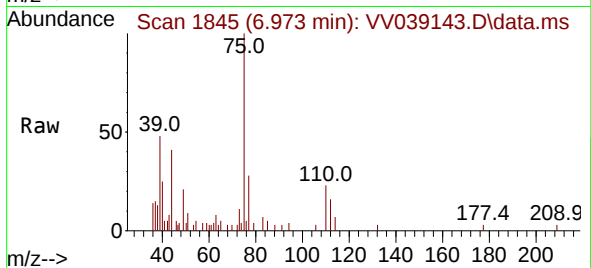
#54
 cis-1,3-Dichloropropene
 Concen: 0.794 ug/l
 RT: 6.973 min Scan# 1845
 Delta R.T. 0.029 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Tgt Ion: 75	Resp: 8754
Ion Ratio	Lower Upper
75 100	
77 23.8	25.5 38.3
39 41.7	33.8 50.6

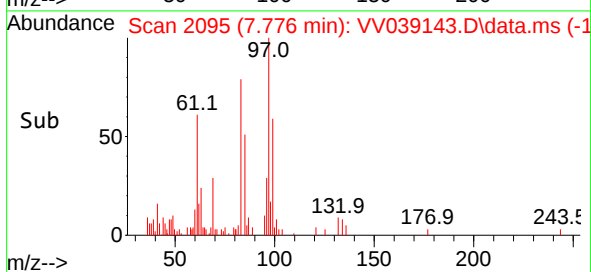
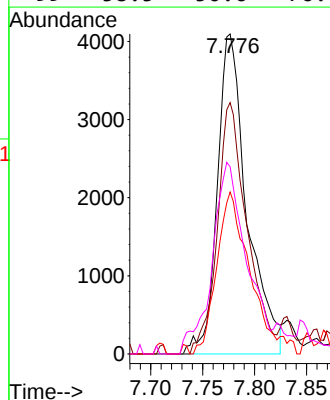
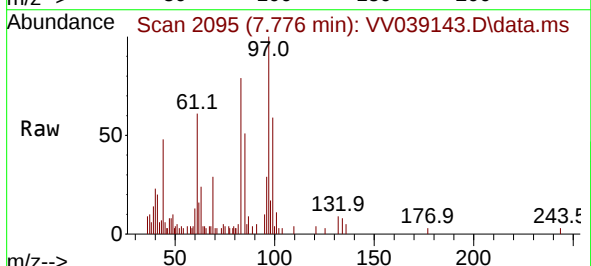
Manual Integrations
 APPROVED

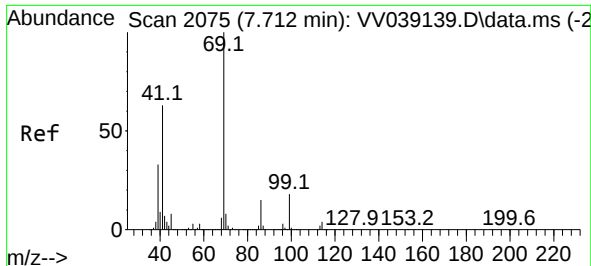
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#55
 1,1,2-Trichloroethane
 Concen: 1.075 ug/l
 RT: 7.776 min Scan# 2095
 Delta R.T. 0.019 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

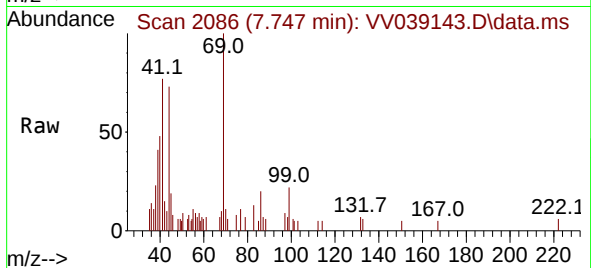
Tgt Ion: 97	Resp: 8140
Ion Ratio	Lower Upper
97 100	
83 78.6	71.1 106.7
85 50.6	44.6 67.0
99 58.5	50.6 76.0





#56
Ethyl methacrylate
Concen: 0.829 ug/l m
RT: 7.747 min Scan# 2086
Delta R.T. 0.035 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

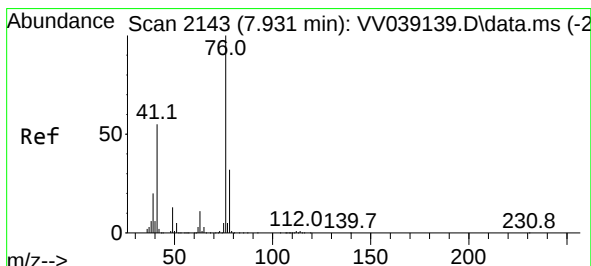
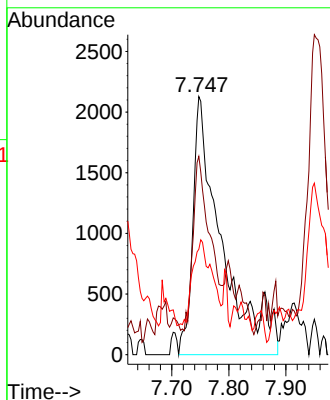
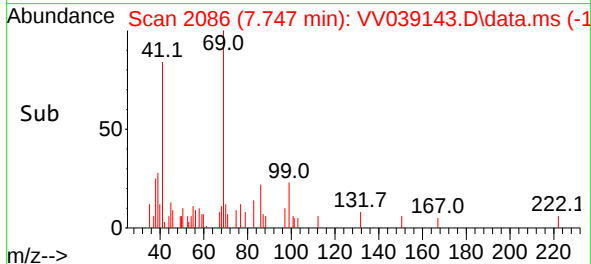
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 745
Ion Ratio Lower Upper
69 100
41 40.0 50.7 76.1
39 21.4 26.0 39.0

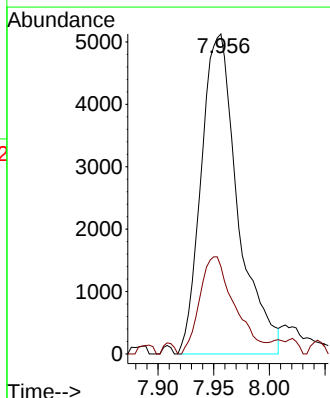
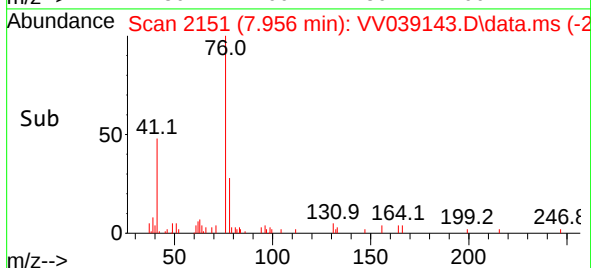
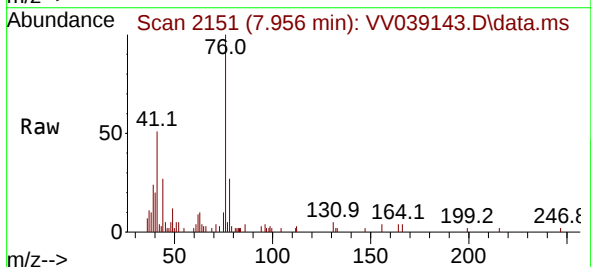
Manual Integrations
APPROVED

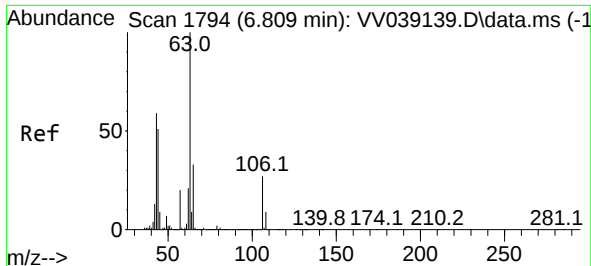
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#57
1,3-Dichloropropane
Concen: 0.982 ug/l
RT: 7.956 min Scan# 2151
Delta R.T. 0.025 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 76 Resp: 11732
Ion Ratio Lower Upper
76 100
78 29.1 26.1 39.1





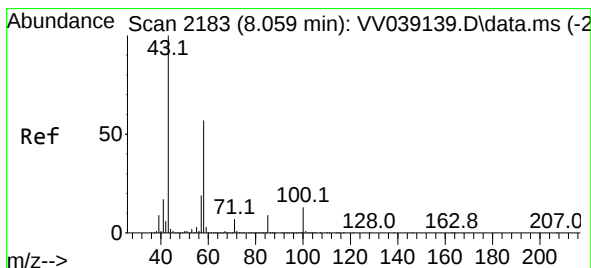
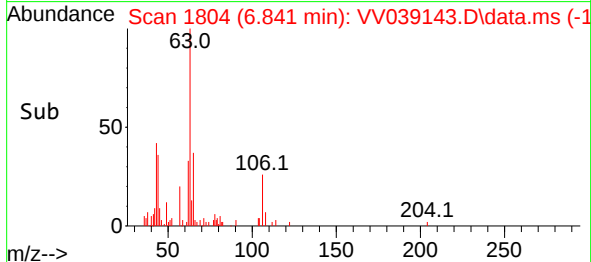
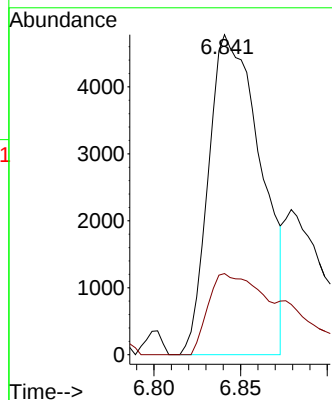
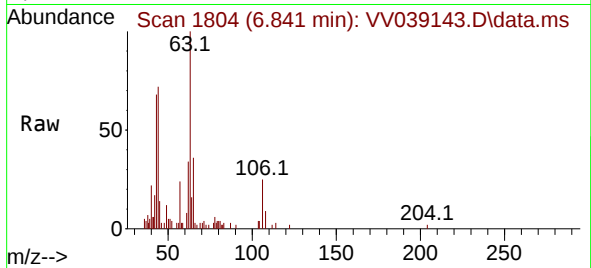
#58
2-Chloroethyl Vinyl ether
Concen: 11.289 ug/l
RT: 6.841 min Scan# 1794
Delta R.T. 0.032 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1001
Ion Ratio Lower Upper
63 100
106 26.4 22.1 33.1

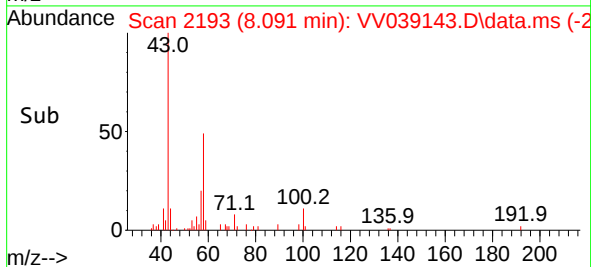
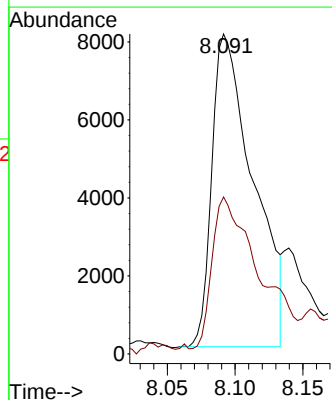
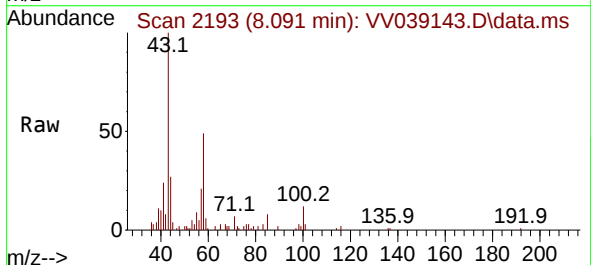
Manual Integrations
APPROVED

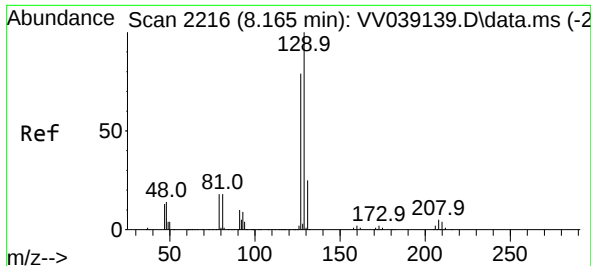
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#59
2-Hexanone
Concen: 4.307 ug/l
RT: 8.091 min Scan# 2193
Delta R.T. 0.032 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 43 Resp: 17015
Ion Ratio Lower Upper
43 100
58 55.1 28.3 85.0





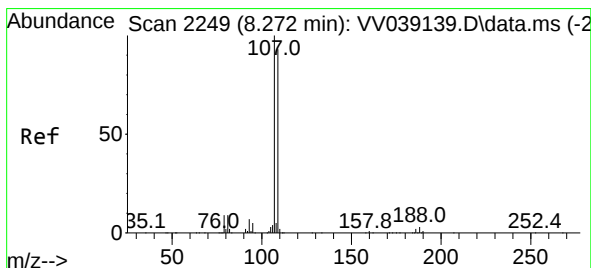
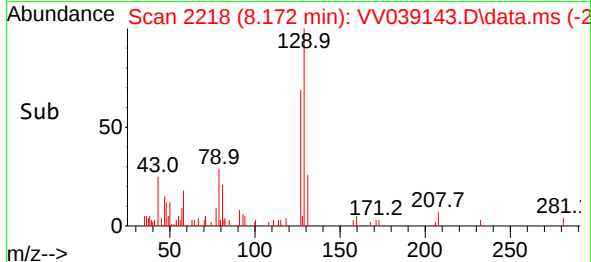
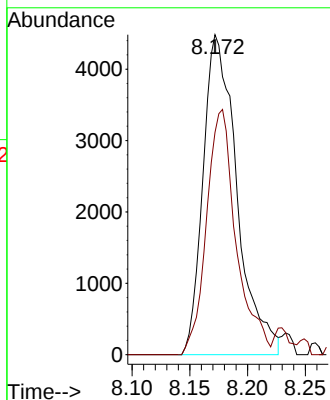
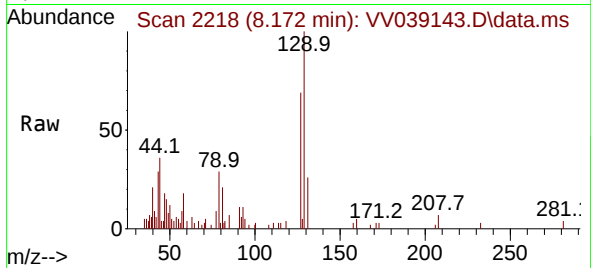
#60
Dibromochloromethane
Concen: 1.057 ug/l
RT: 8.172 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 912
Ion Ratio Lower Upper
129 100
127 67.4 39.3 117.9

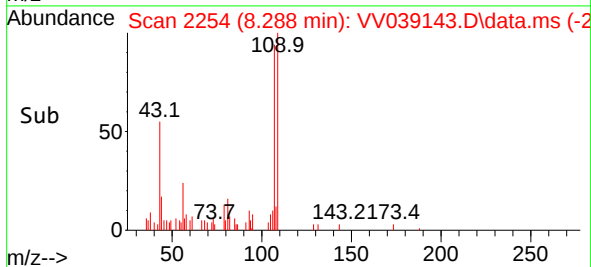
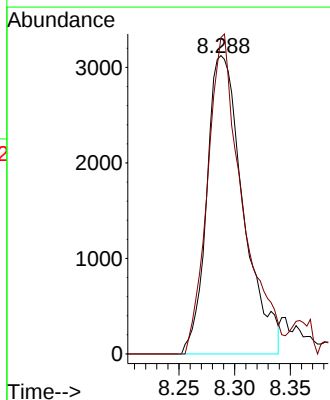
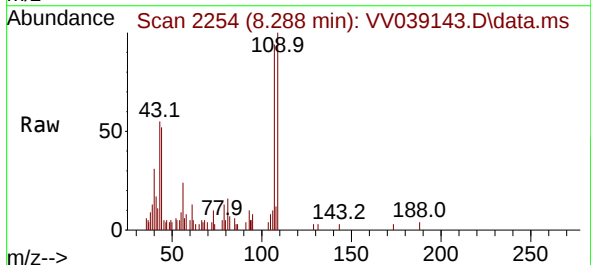
Manual Integrations
APPROVED

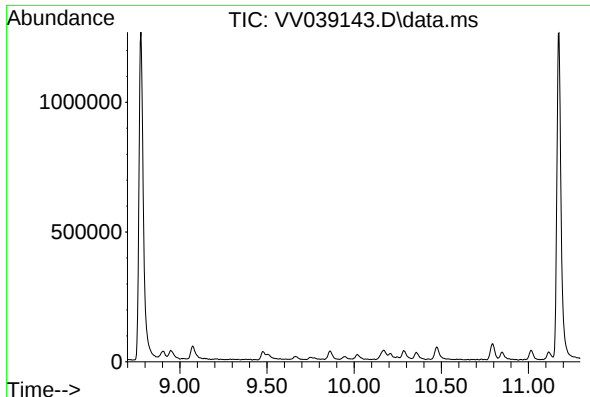
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#61
1,2-Dibromoethane
Concen: 0.921 ug/l
RT: 8.288 min Scan# 2254
Delta R.T. 0.016 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:107 Resp: 7129
Ion Ratio Lower Upper
107 100
109 102.8 74.6 112.0





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 10.00 min

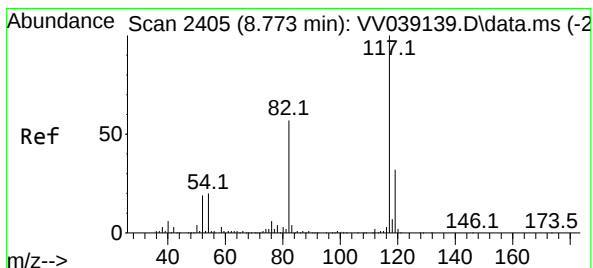
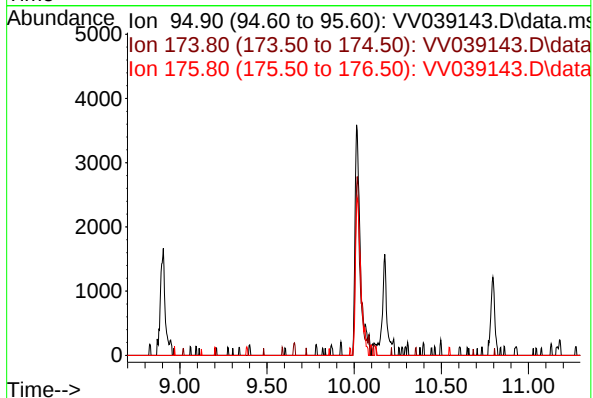
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 75.2
176 72.1

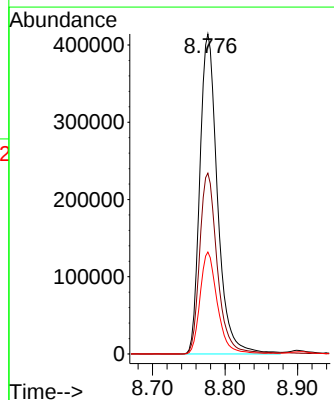
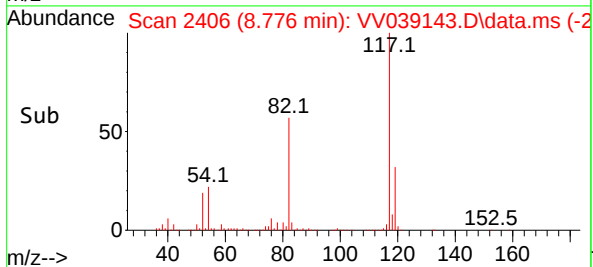
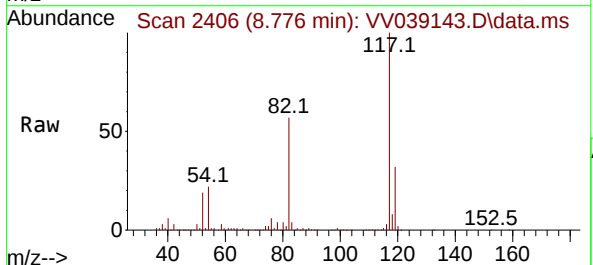
Manual Integrations
APPROVED

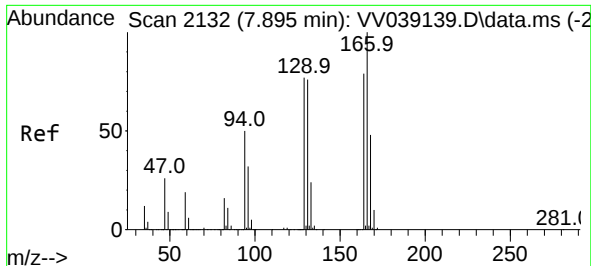
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

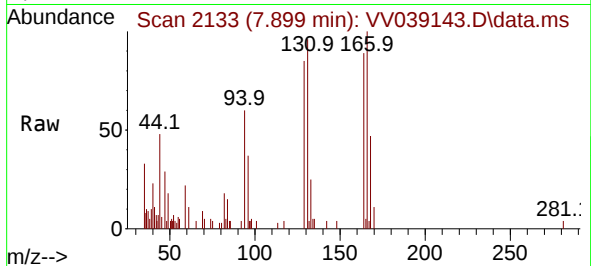
Tgt Ion:117 Resp: 700418
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 31.8 25.6 38.4





#64
Tetrachloroethene
Concen: 0.991 ug/l
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

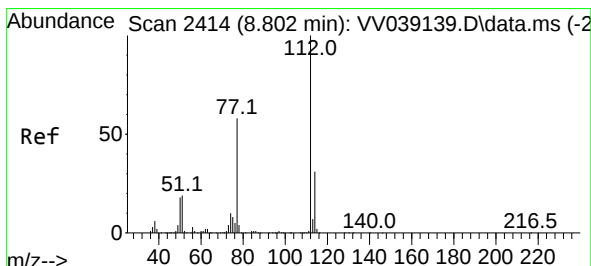
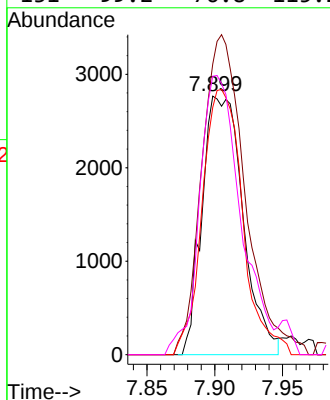
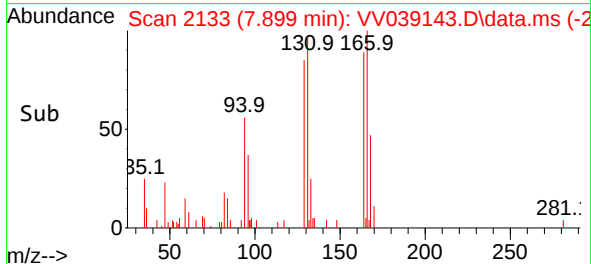
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 5814
Ion Ratio Lower Upper
164 100
166 107.6 101.6 152.4
129 91.4 78.5 117.7
131 99.2 76.8 115.2

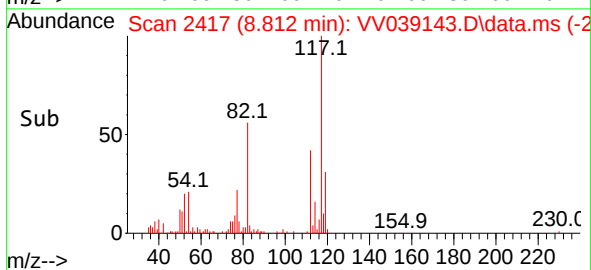
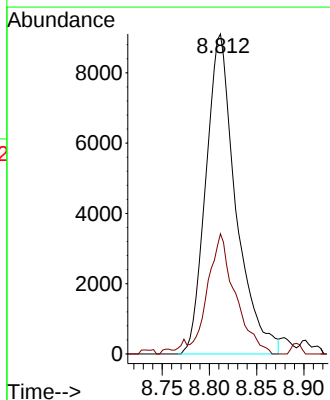
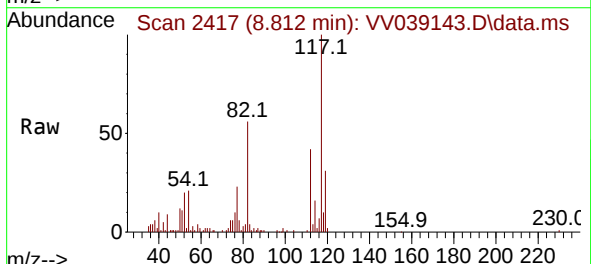
Manual Integrations
APPROVED

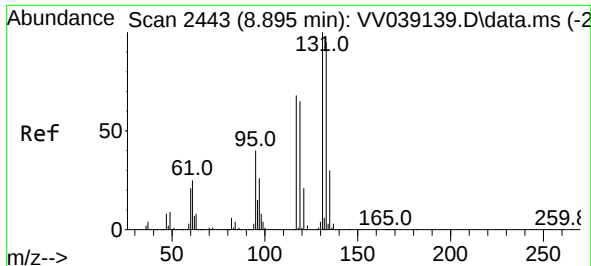
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#65
Chlorobenzene
Concen: 1.025 ug/l
RT: 8.812 min Scan# 2417
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

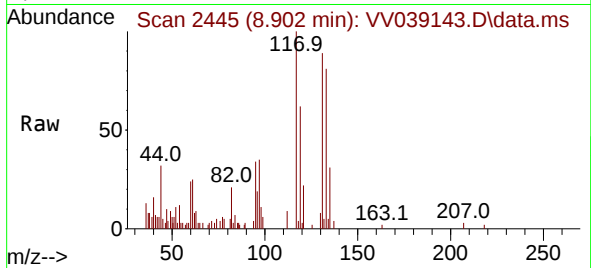
Tgt Ion:112 Resp: 20007
Ion Ratio Lower Upper
112 100
114 37.5 24.6 37.0#





#66
1,1,1,2-Tetrachloroethane
Concen: 1.079 ug/l
RT: 8.902 min Scan# 2443
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

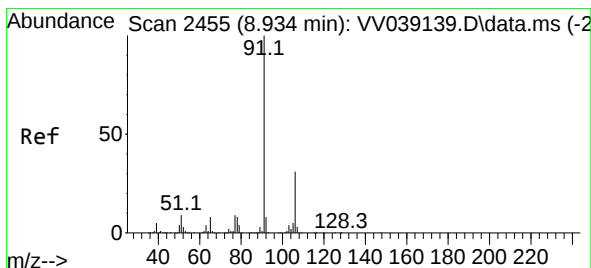
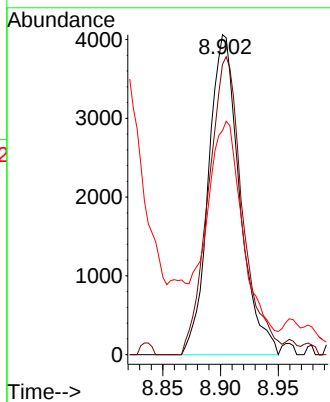
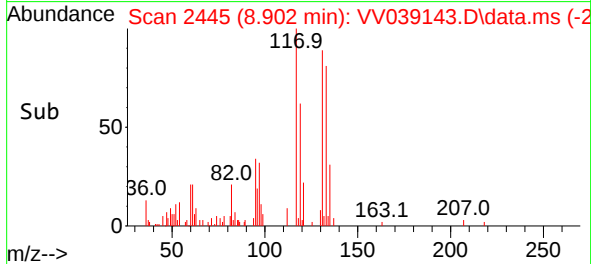
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 760
Ion Ratio Lower Upper
131 100
133 102.5 47.3 141.8
119 0.0 33.3 99.8

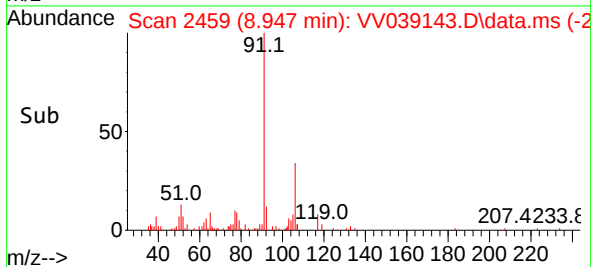
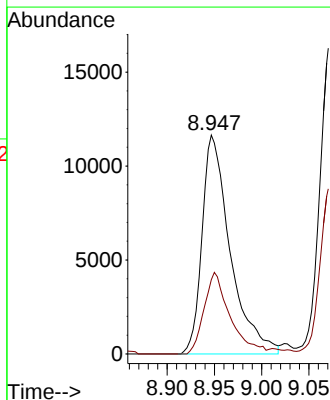
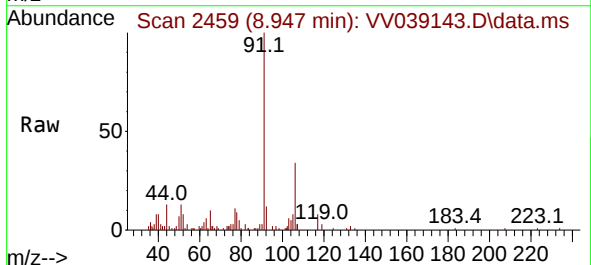
Manual Integrations
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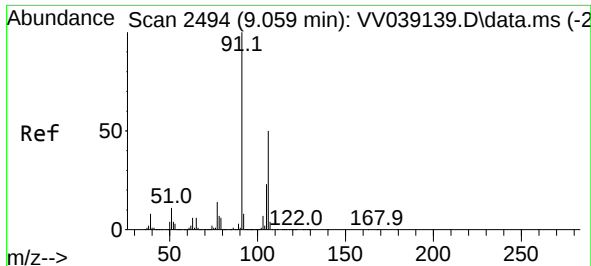
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#67
Ethyl Benzene
Concen: 0.818 ug/l
RT: 8.947 min Scan# 2459
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 91 Resp: 24171
Ion Ratio Lower Upper
91 100
106 33.9 24.6 37.0





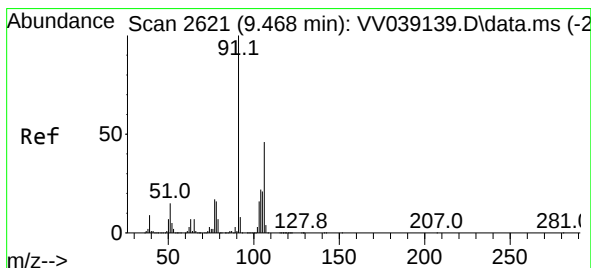
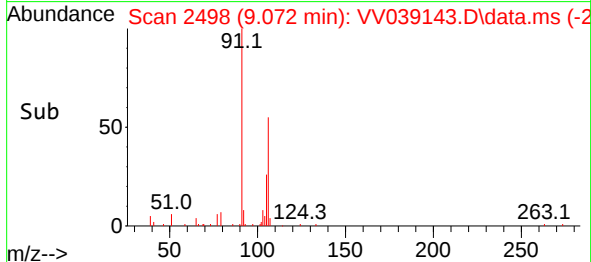
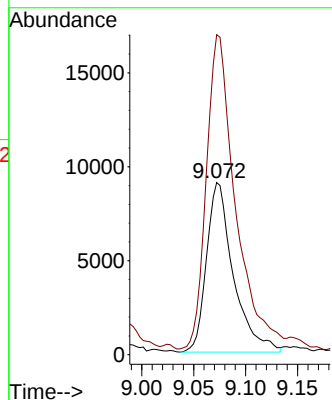
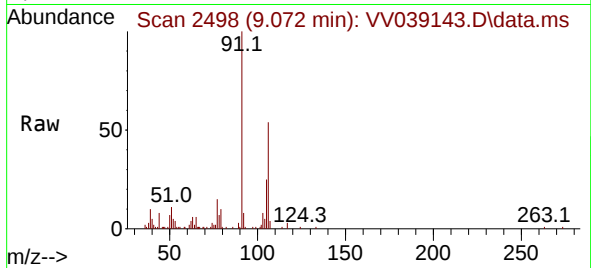
#68
m/p-Xylenes
Concen: 1.425 ug/l
RT: 9.072 min Scan# 2498
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 16239
Ion Ratio Lower Upper
106 100
91 200.5 162.5 243.7

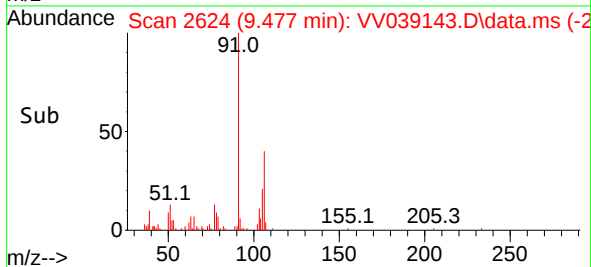
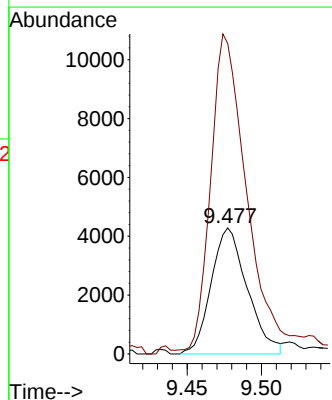
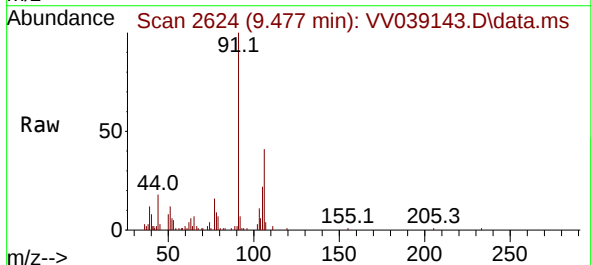
Manual Integrations
APPROVED

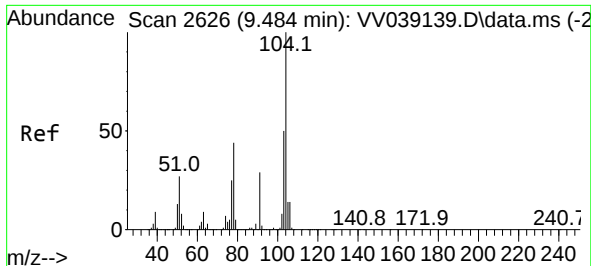
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#69
o-Xylene
Concen: 0.718 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:106 Resp: 7250
Ion Ratio Lower Upper
106 100
91 252.4 109.1 327.3





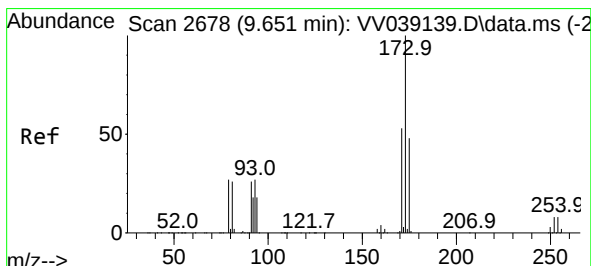
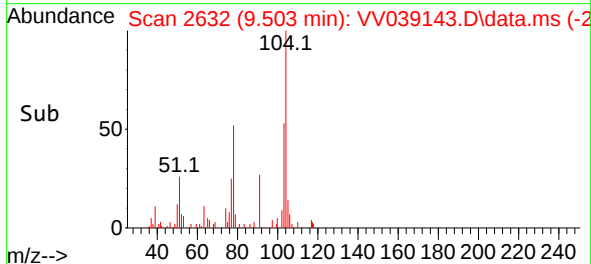
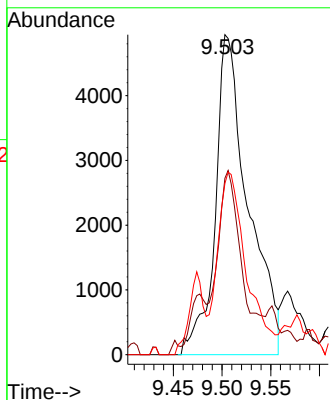
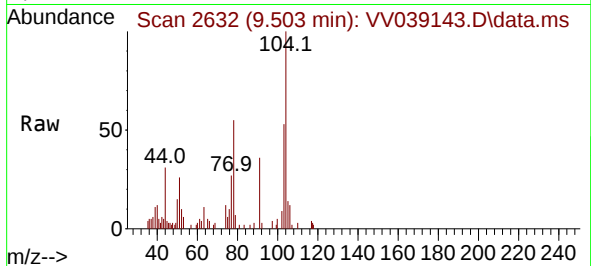
#70
Styrene
Concen: 2.083 ug/l
RT: 9.503 min Scan# 2632
Delta R.T. 0.019 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 11594
Ion Ratio Lower Upper
104 100
78 31.2 39.8 59.6
103 43.9 43.4 65.2

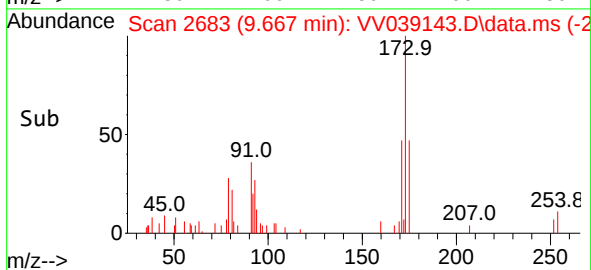
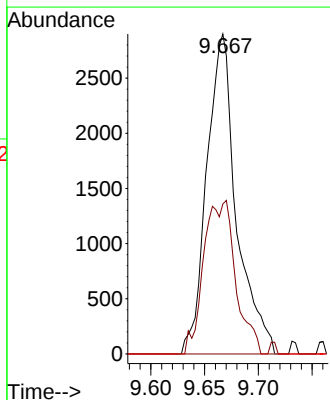
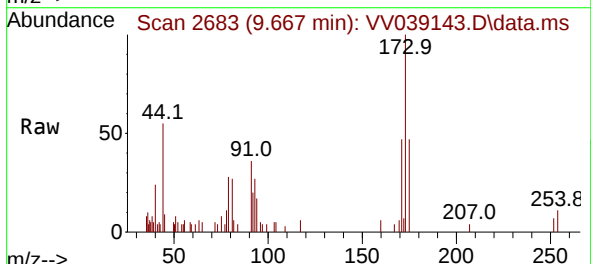
Manual Integrations
APPROVED

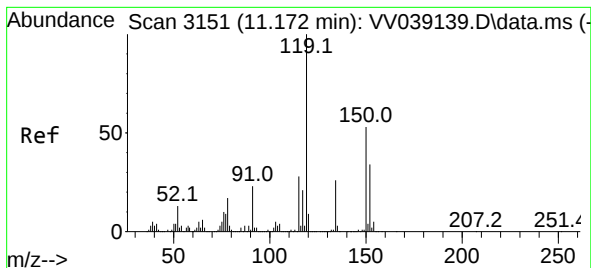
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#71
Bromoform
Concen: 1.009 ug/l
RT: 9.667 min Scan# 2683
Delta R.T. 0.016 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:173 Resp: 5558
Ion Ratio Lower Upper
173 100
175 51.7 23.9 71.7
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion:152 Resp: 32267

Ion Ratio Lower Upper

152 100

115 61.9 44.8 134.4

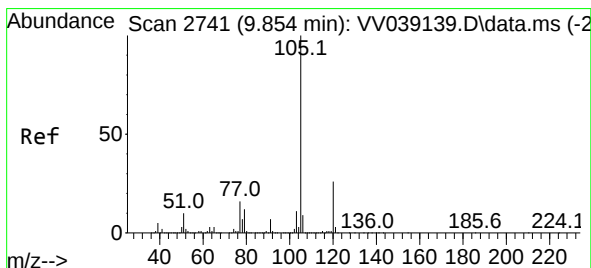
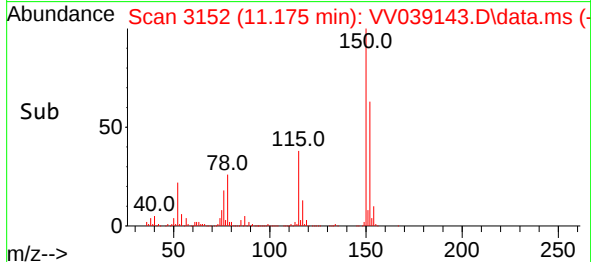
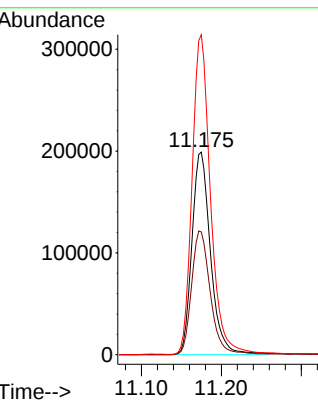
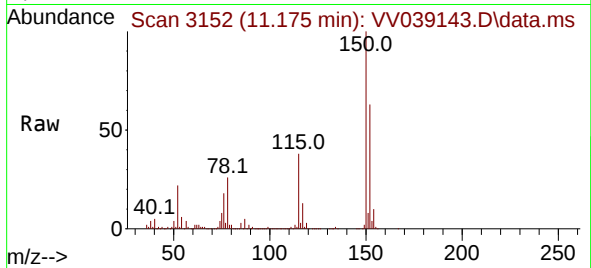
150 156.1 0.0 353.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#73

Isopropylbenzene

Concen: 0.890 ug/l

RT: 9.860 min Scan# 2743

Delta R.T. 0.006 min

Lab File: VV039143.D

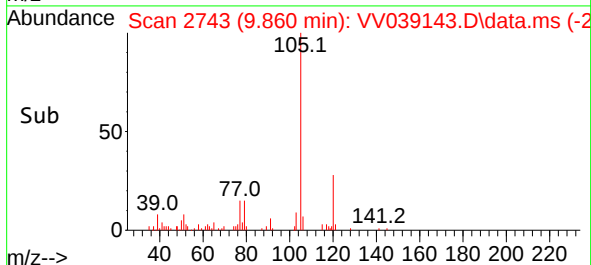
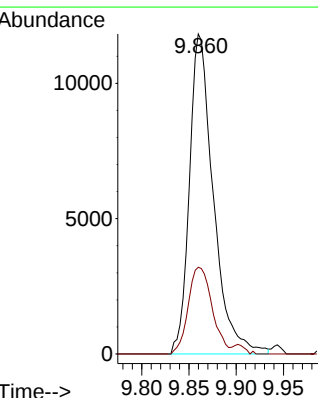
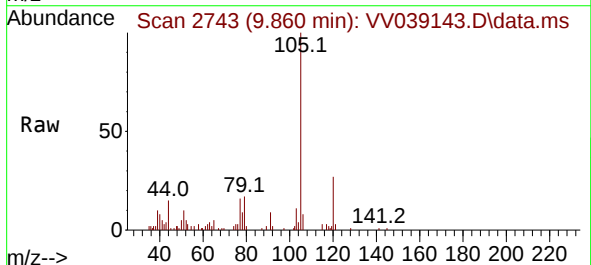
Acq: 22 Sep 2025 16:35

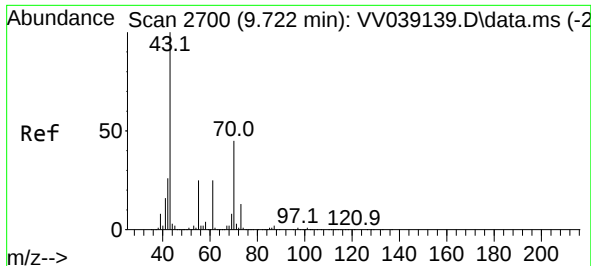
Tgt Ion:105 Resp: 20820

Ion Ratio Lower Upper

105 100

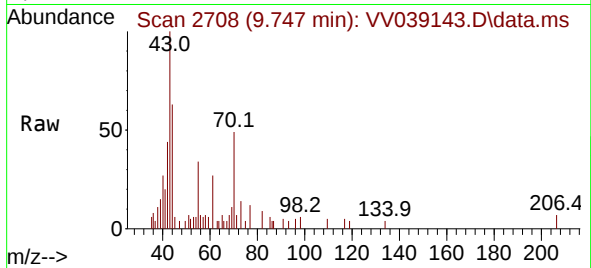
120 27.0 13.1 39.1





#74
N-amy1 acetate
Concen: 0.713 ug/l
RT: 9.747 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

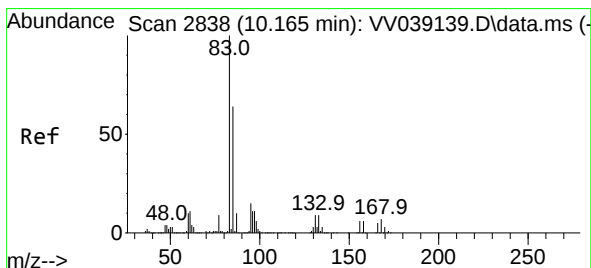
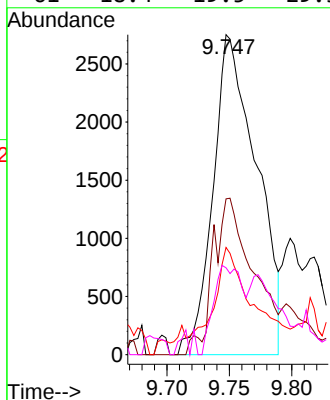
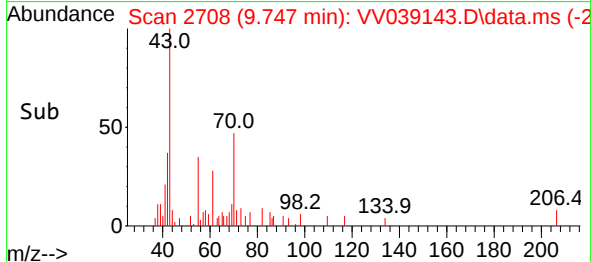
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 43	Resp: 6654
Ion Ratio	Lower Upper
43 100	
70 39.0	35.4 53.0
55 22.6	20.6 30.8
61 18.4	19.5 29.3#

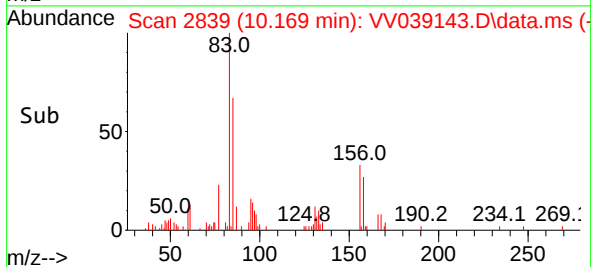
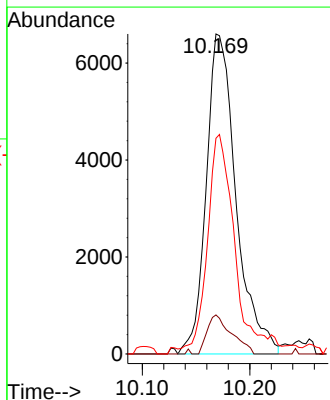
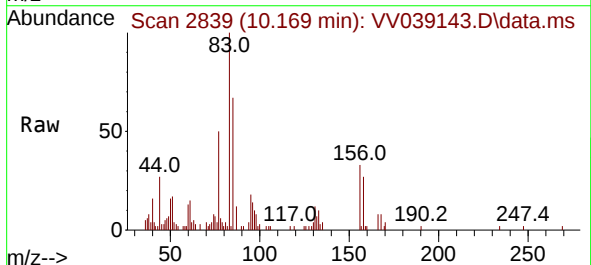
Manual Integrations
APPROVED

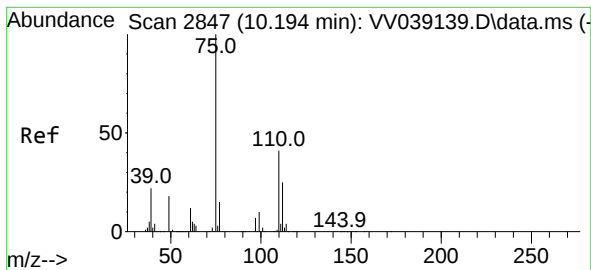
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.243 ug/l
RT: 10.169 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 83	Resp: 12746
Ion Ratio	Lower Upper
83 100	
131 9.9	4.5 13.7
85 59.8	31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 1.207 ug/l

RT: 10.207 min Scan# 2847

Delta R.T. 0.013 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 887

Ion Ratio Lower Upper

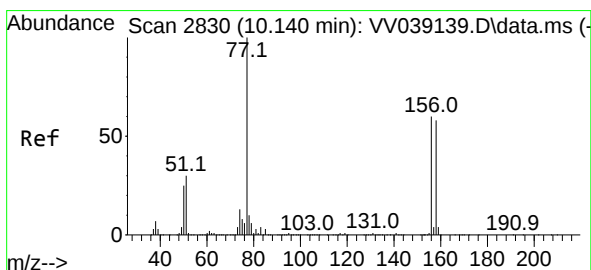
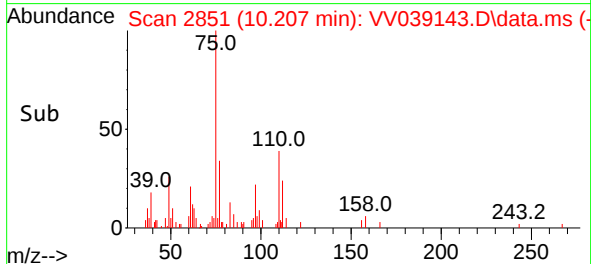
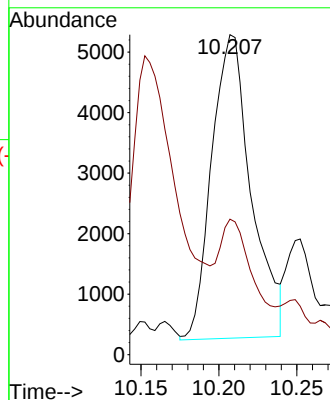
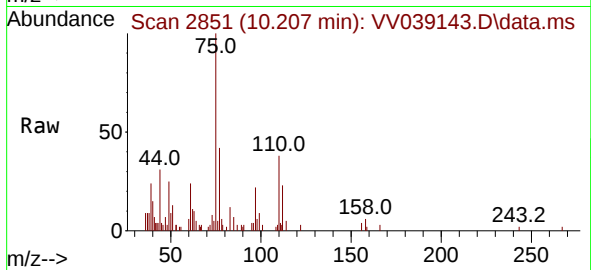
75 100

77 22.5 11.3 33.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#77

Bromobenzene

Concen: 1.039 ug/l

RT: 10.159 min Scan# 2836

Delta R.T. 0.019 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

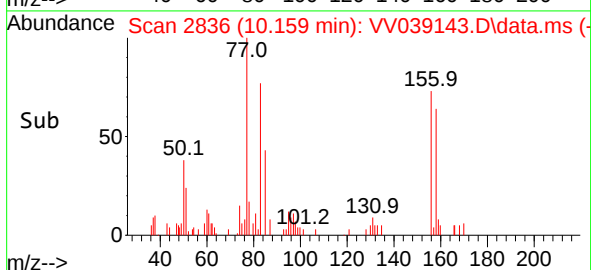
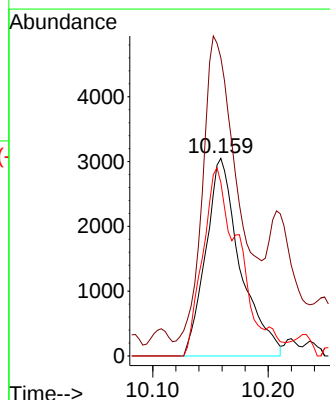
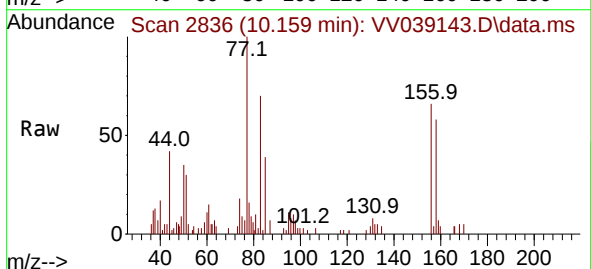
Tgt Ion:156 Resp: 6311

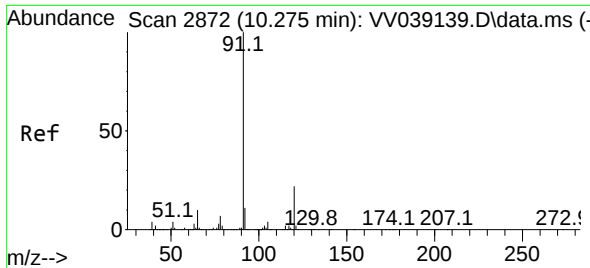
Ion Ratio Lower Upper

156 100

77 155.9 83.4 250.1

158 103.1 48.8 146.4





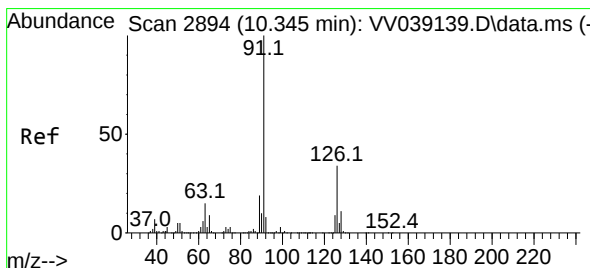
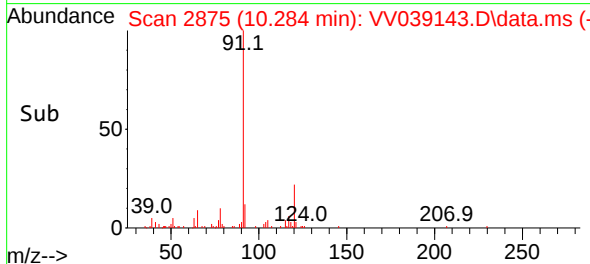
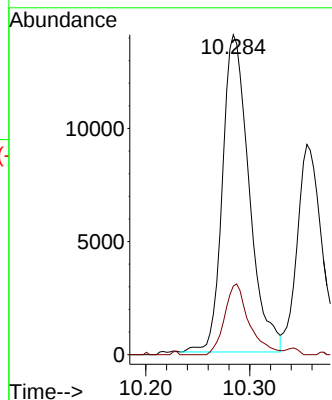
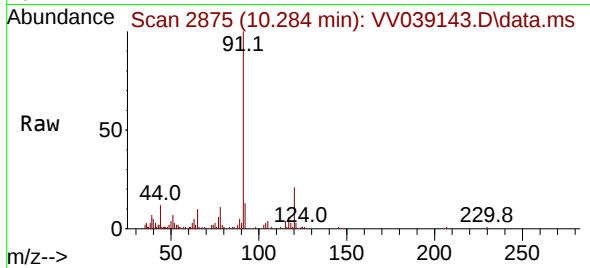
#78
n-propylbenzene
Concen: 0.877 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 24990
Ion Ratio Lower Upper
91 100
120 20.5 11.1 33.3

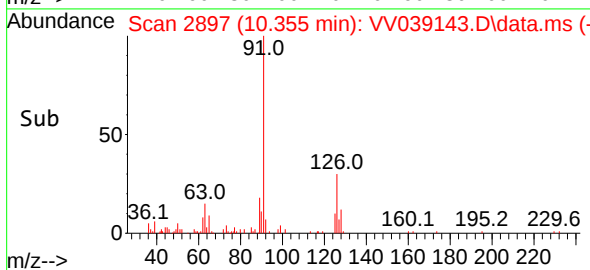
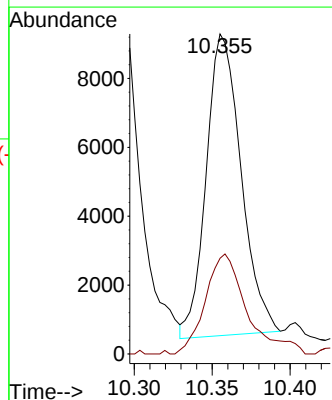
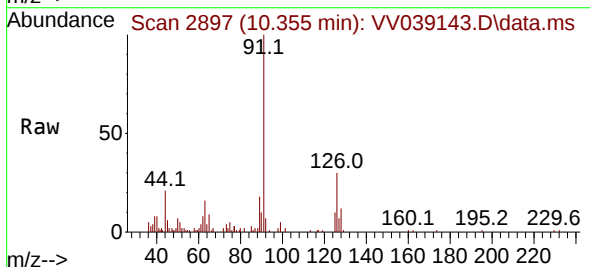
Manual Integrations
APPROVED

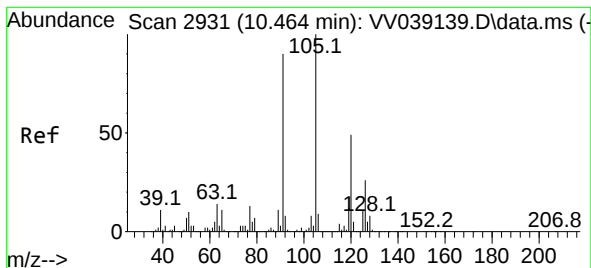
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#79
2-Chlorotoluene
Concen: 0.800 ug/l
RT: 10.355 min Scan# 2897
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 91 Resp: 13640
Ion Ratio Lower Upper
91 100
126 39.3 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 0.817 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.006 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 1588

Ion Ratio Lower Upper

105 100

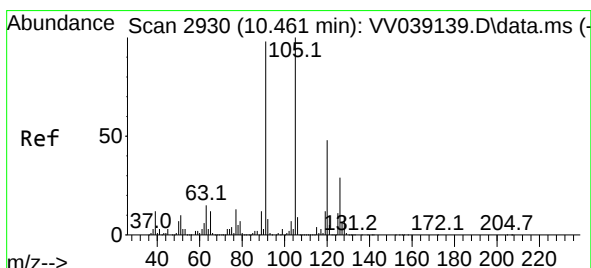
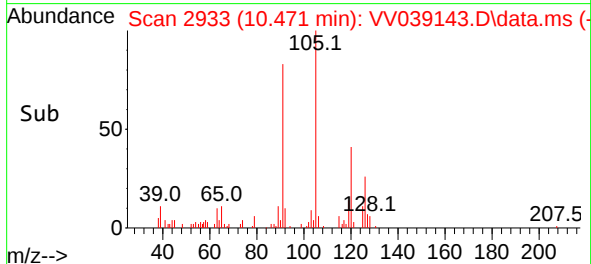
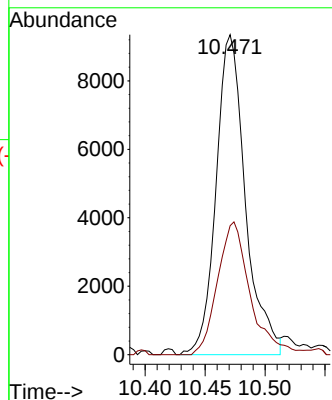
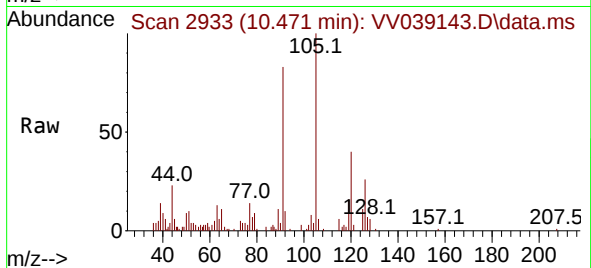
120 46.1 24.3 72.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#82

4-Chlorotoluene

Concen: 0.777 ug/l

RT: 10.474 min Scan# 2934

Delta R.T. 0.013 min

Lab File: VV039143.D

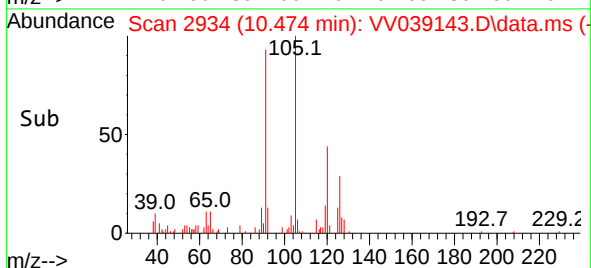
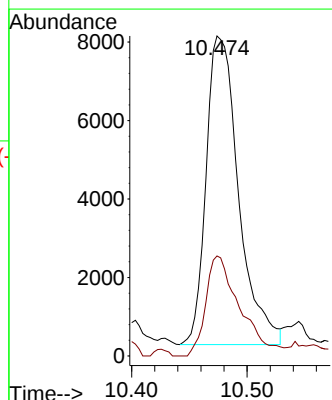
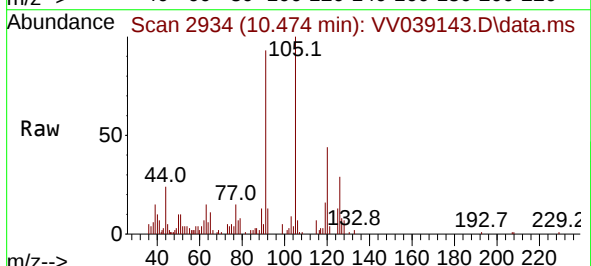
Acq: 22 Sep 2025 16:35

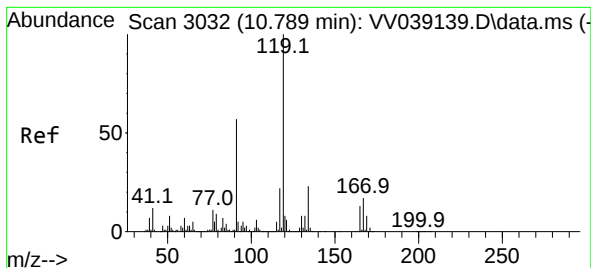
Tgt Ion: 91 Resp: 15363

Ion Ratio Lower Upper

91 100

126 34.2 14.5 43.6





#83

tert-Butylbenzene

Concen: 0.956 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

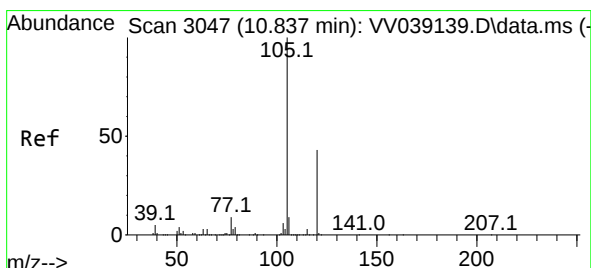
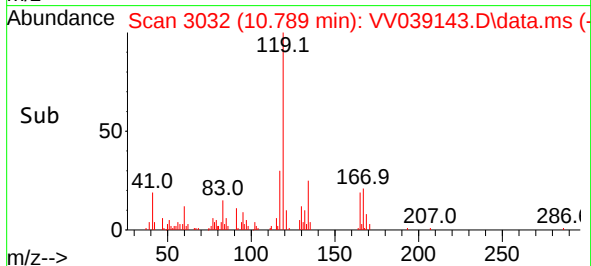
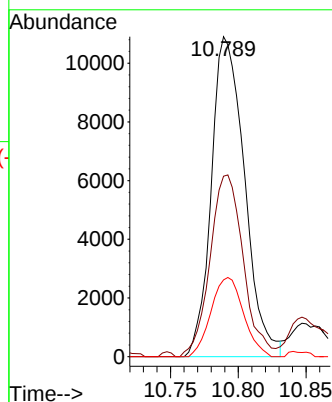
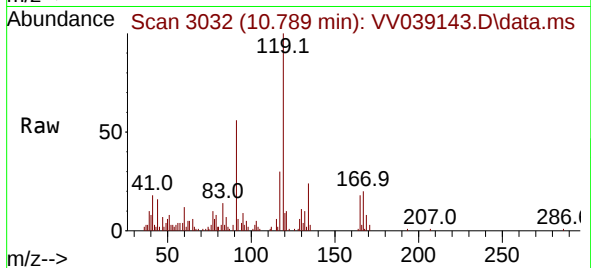
VSTDIC001

Tgt Ion:	119	Resp:	1855
Ion Ratio	Lower	Upper	
119	100		
91	56.8	28.5	85.6
134	24.3	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.797 ug/l

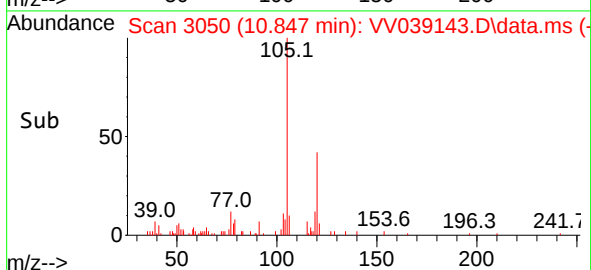
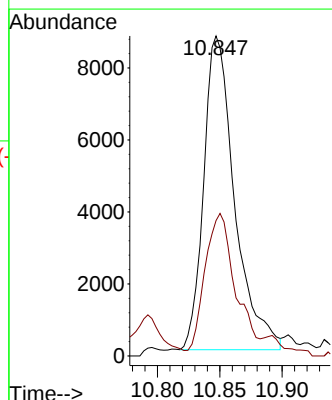
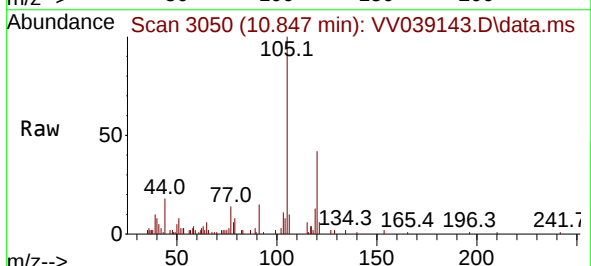
RT: 10.847 min Scan# 3050

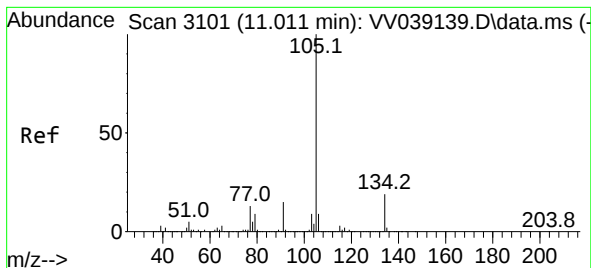
Delta R.T. 0.010 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Tgt Ion:	105	Resp:	15048
Ion Ratio	Lower	Upper	
105	100		
120	41.8	22.4	67.2





#85

sec-Butylbenzene

Concen: 0.904 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 2326

Ion Ratio Lower Upper

105 100

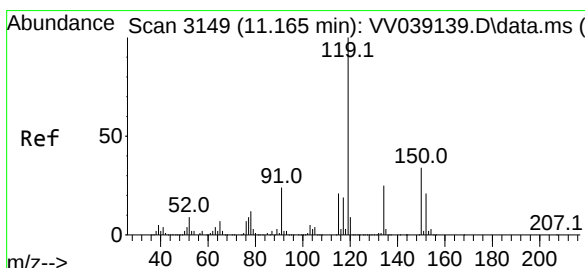
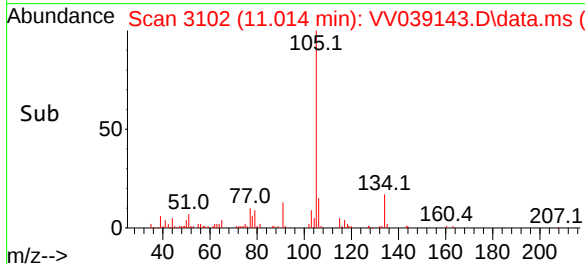
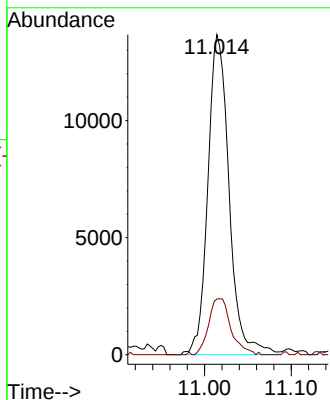
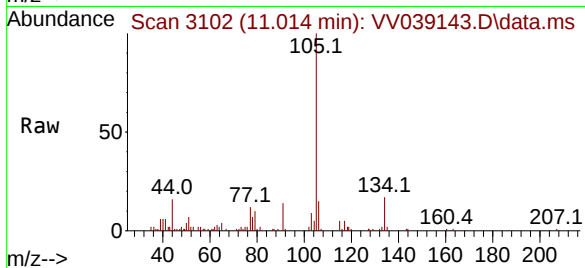
134 18.3 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 0.866 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

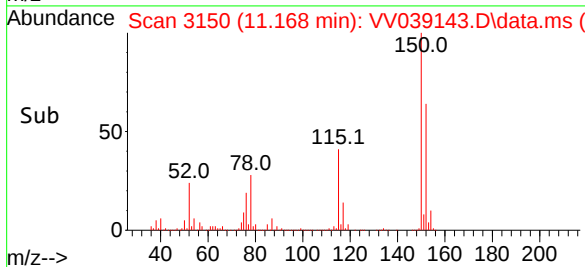
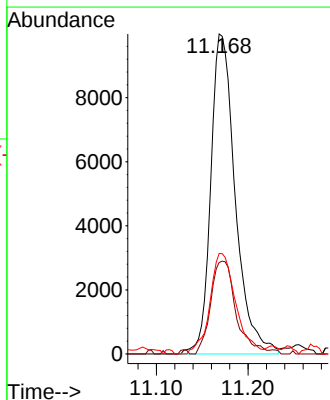
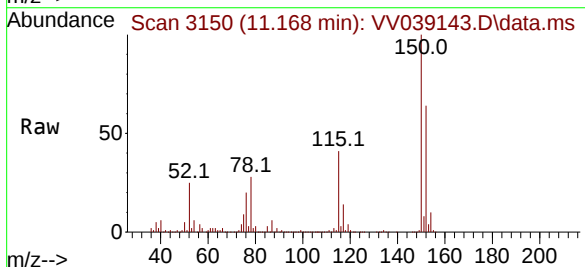
Tgt Ion:119 Resp: 18549

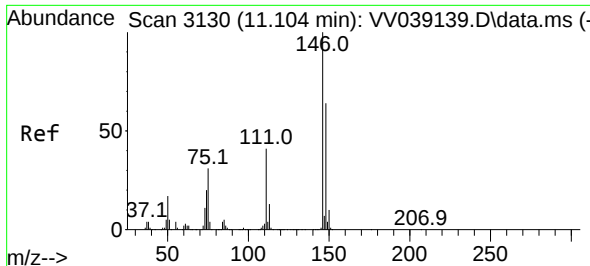
Ion Ratio Lower Upper

119 100

134 29.9 12.7 38.0

91 33.1 12.0 36.1





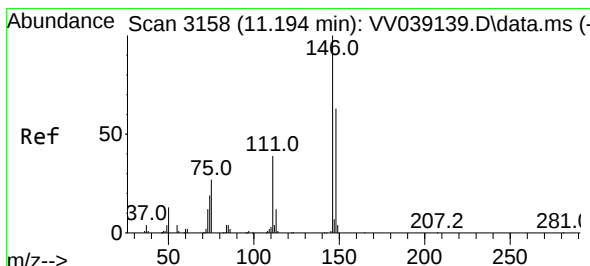
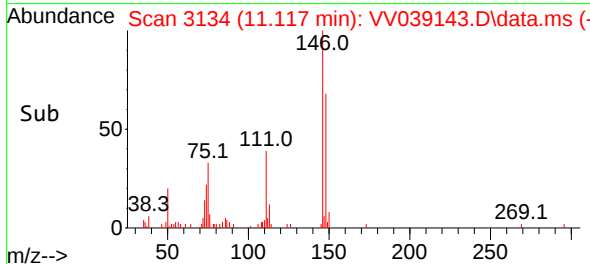
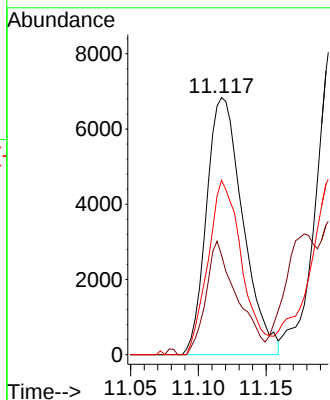
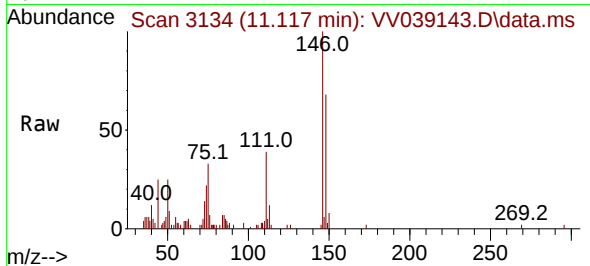
#87
1,3-Dichlorobenzene
Concen: 1.037 ug/l
RT: 11.117 min Scan# 3117
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 1274
Ion Ratio Lower Upper
146 100
111 38.0 20.9 62.8
148 64.1 31.8 95.3

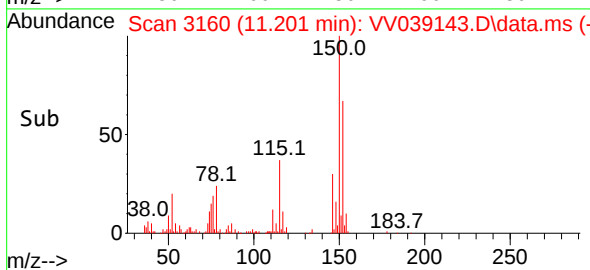
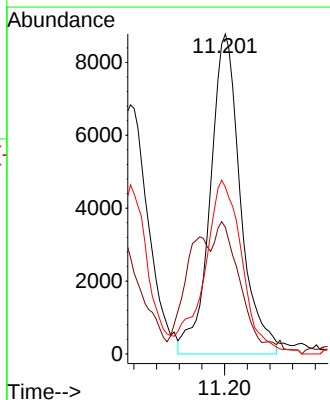
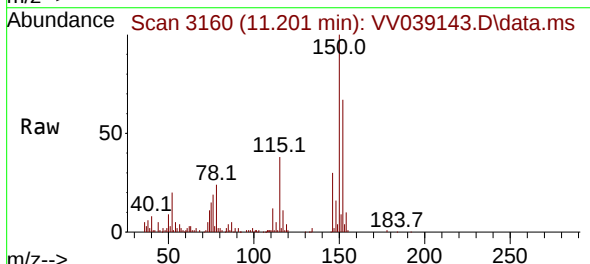
Manual Integrations
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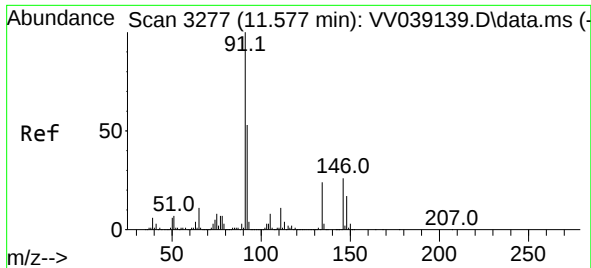
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#88
1,4-Dichlorobenzene
Concen: 1.199 ug/l m
RT: 11.201 min Scan# 3160
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:146 Resp: 16279
Ion Ratio Lower Upper
146 100
111 29.7 20.3 60.8
148 50.2 31.4 94.2





#89

n-Butylbenzene

Concen: 0.835 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.009 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

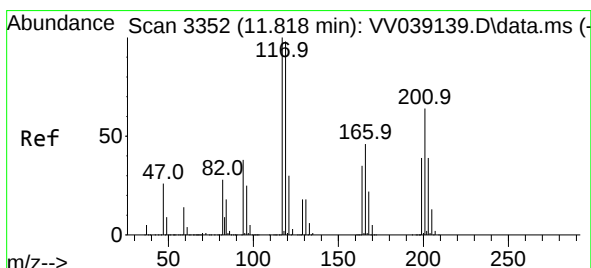
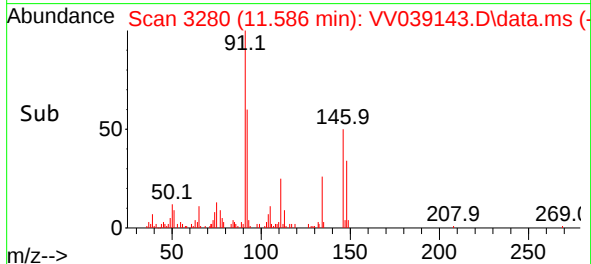
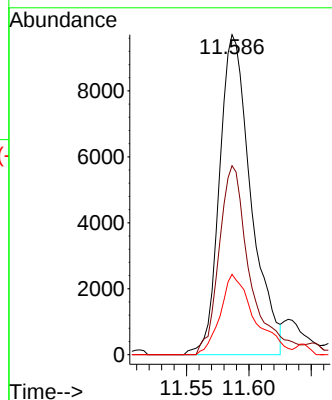
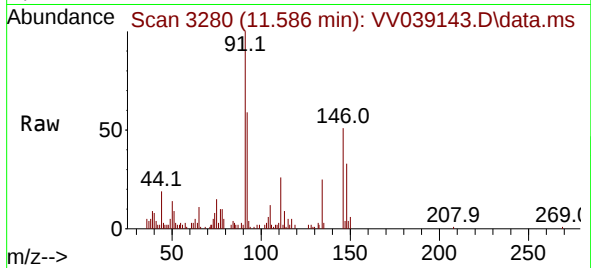
VSTDIC001

Tgt Ion:	91	Resp:	17079
Ion Ratio	Lower	Upper	
91	100		
92	57.8	26.6	79.8
134	27.3	12.1	36.3

Manual Integrations

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#90

Hexachloroethane

Concen: 1.277 ug/l

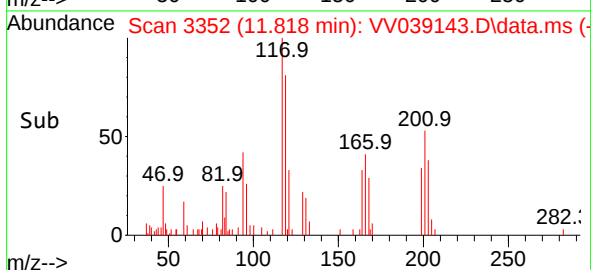
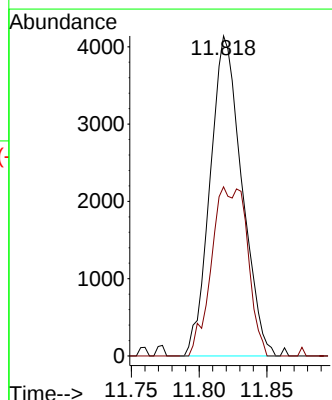
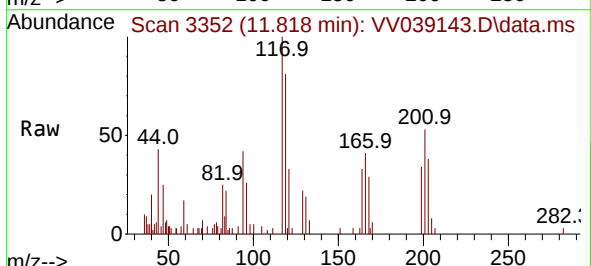
RT: 11.818 min Scan# 3352

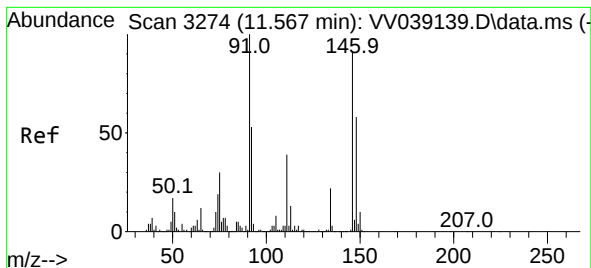
Delta R.T. -0.000 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Tgt Ion:	117	Resp:	6736
Ion Ratio	Lower	Upper	
117	100		
201	60.0	32.3	96.8





#91

1,2-Dichlorobenzene

Concen: 1.088 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

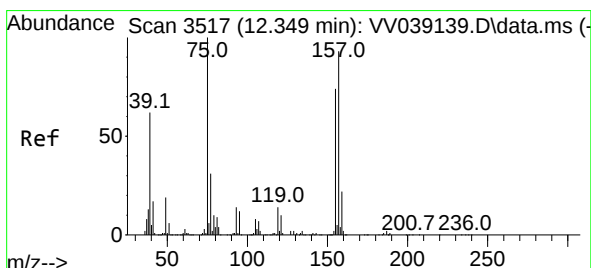
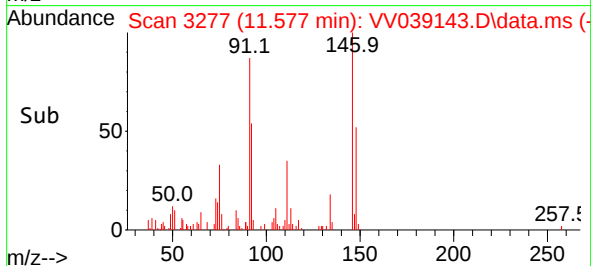
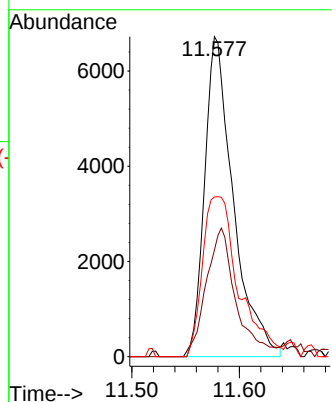
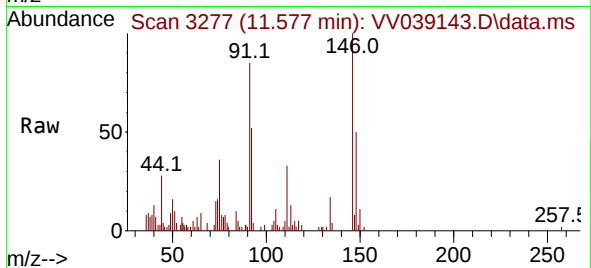
VSTDIC001

Tgt Ion:	146	Resp:	1248
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.5	64.5
148	63.0	31.9	95.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/26/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.690 ug/l

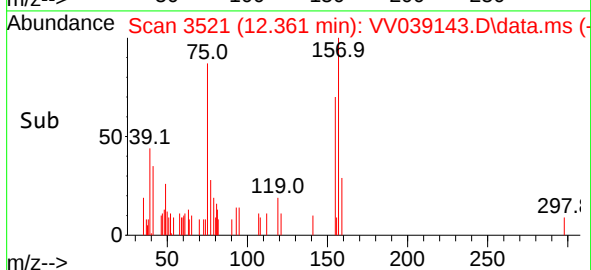
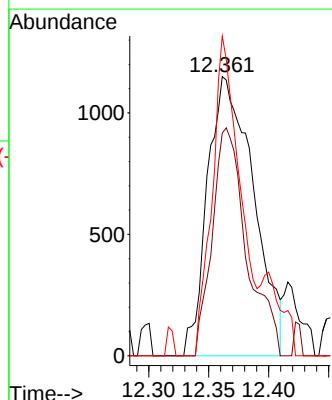
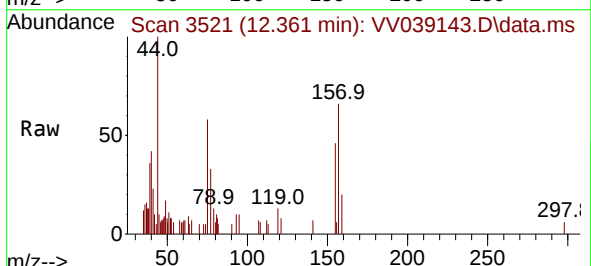
RT: 12.361 min Scan# 3521

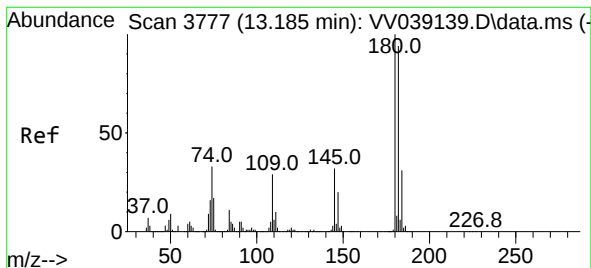
Delta R.T. 0.012 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Tgt Ion:	75	Resp:	3071
Ion Ratio	Lower	Upper	
75	100		
155	60.9	38.6	115.8
157	68.7	49.5	148.3





#93

1,2,4-Trichlorobenzene

Concen: 1.008 ug/l

RT: 13.197 min Scan# 3777

Delta R.T. 0.012 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

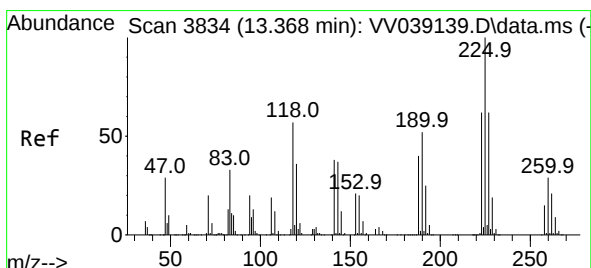
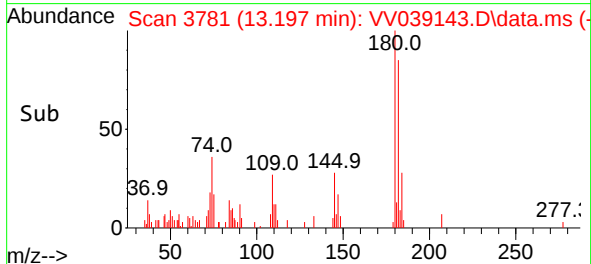
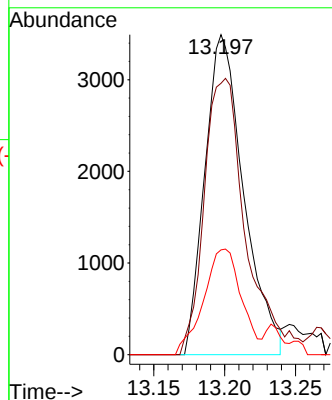
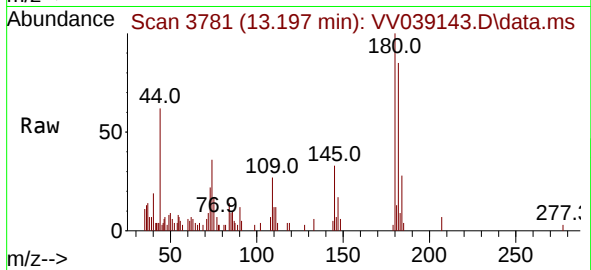
VSTDIC001

Tgt Ion:	180	Resp:	663
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.1	141.4
145	32.5	16.3	48.8

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#94

Hexachlorobutadiene

Concen: 1.288 ug/l

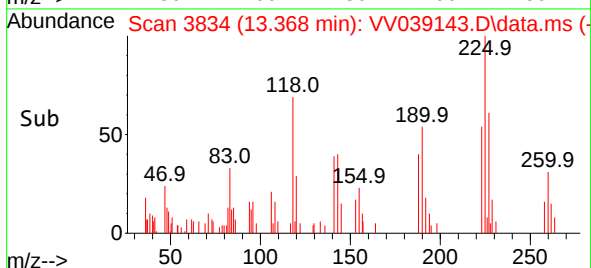
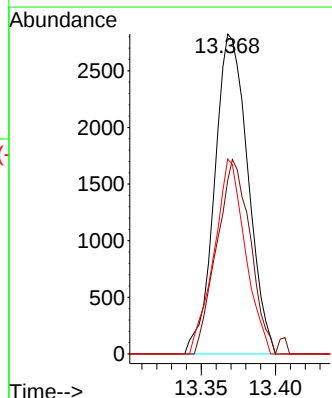
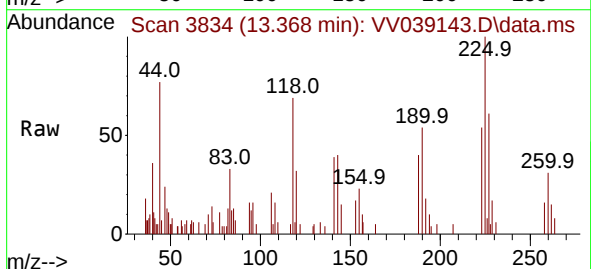
RT: 13.368 min Scan# 3834

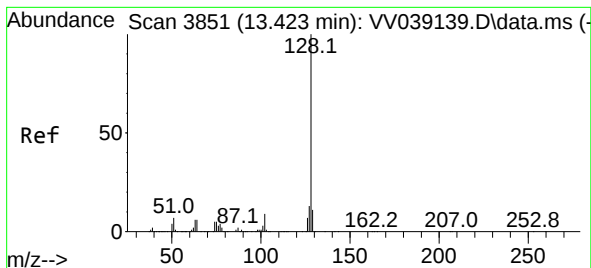
Delta R.T. -0.000 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Tgt Ion:	225	Resp:	4406
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.6	94.7
227	57.1	31.8	95.4





#95

Naphthalene

Concen: 0.931 ug/l m

RT: 13.438 min Scan# 3930

Delta R.T. 0.015 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

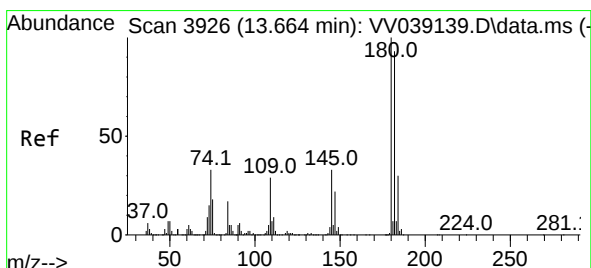
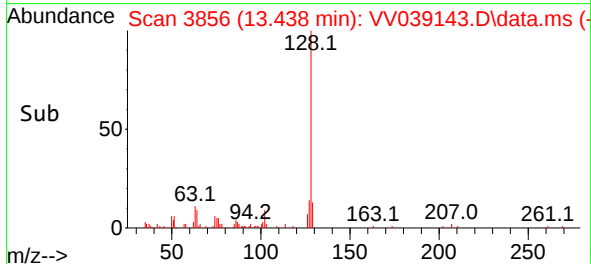
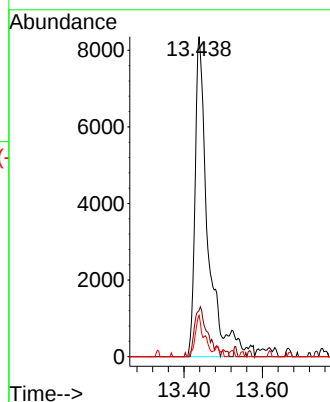
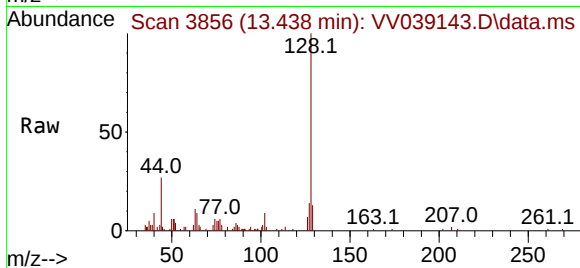
VSTDIC001

Tgt Ion:	128	Resp:	19700
Ion Ratio	Lower	Upper	
128	100		
127	0.6	10.3	15.5
129	0.6	8.6	13.0

Manual Integrations

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#96

1,2,3-Trichlorobenzene

Concen: 1.067 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Tgt Ion:	180	Resp:	7184
Ion Ratio	Lower	Upper	
180	100		
182	91.3	46.9	140.8
145	31.6	17.0	51.0

