

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039072.D
 Acq On : 15 Sep 2025 12:08
 Operator : SY/MD
 Sample : VSTD0.558
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:38:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 01:35:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	395264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	391585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	164967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	15227	0.474	ug/L	0.00
7) Chloroethane-d5	1.545	69	13113	0.467	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	7693	0.515	ug/L	0.00
20) 2-Butanone-d5	3.928	46	21222m	4.921	ug/L	0.12
24) Chloroform-d	4.265	84	27869	0.457	ug/L	0.01
26) 1,2-Dichloroethane-d4	4.969	65	11882	0.474	ug/L	0.03
32) Benzene-d6	4.976	84	47966	0.436	ug/L	0.02
36) 1,2-Dichloropropane-d6	6.001	67	14470	0.457	ug/L	0.02
41) Toluene-d8	7.252	98	37788	0.384	ug/L	0.02
43) trans-1,3-Dichloroprop...	7.577	79	5072	0.431	ug/L	0.03
46) 2-Hexanone-d5	8.043	63	14643m	3.990	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	10206	0.427	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	12864	0.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.117	85	19962	0.452	ug/L	97
3) Chloromethane	1.227	50	20910	0.480	ug/L	99
5) Vinyl chloride	1.294	62	20839	0.452	ug/L	100
6) Bromomethane	1.500	94	13407	0.523	ug/L	83
8) Chloroethane	1.561	64	13526	0.469	ug/L	95
9) Trichlorofluoromethane	1.725	101	28399	0.451	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	17197	0.445	ug/L	97
12) 1,1-Dichloroethene	2.082	96	16169	0.460	ug/L	90
13) Acetone	2.140	43	18595	4.436	ug/L	93
14) Carbon disulfide	2.252	76	57346	0.498	ug/L	98
15) Methyl Acetate	2.416	43	4267	0.404	ug/L #	70
16) Methylene chloride	2.461	84	22073	0.446	ug/L	94
17) Methyl tert-butyl Ether	2.715	73	25245	0.417	ug/L	98
18) trans-1,2-Dichloroethene	2.715	96	15909	0.448	ug/L	92
19) 1,1-Dichloroethane	3.124	63	28432	0.440	ug/L	98
21) 2-Butanone	3.960	43	24627m	5.195	ug/L	
22) cis-1,2-Dichloroethene	3.844	96	14306	0.419	ug/L	94
23) Bromochloromethane	4.169	128	7284	0.477	ug/L	82
25) Chloroform	4.294	83	29989	0.442	ug/L	97
27) 1,2-Dichloroethane	5.069	62	15045	0.439	ug/L #	90
29) 1,1,1-Trichloroethane	4.522	97	25112	0.413	ug/L	93
30) Cyclohexane	4.590	56	20252	0.389	ug/L #	89
31) Carbon tetrachloride	4.741	117	23227	0.442	ug/L	100
33) Benzene	5.024	78	53387	0.398	ug/L	100
34) Trichloroethene	5.850	95	15601	0.432	ug/L	89
35) Methylcyclohexane	6.046	83	23859	0.430	ug/L	94
37) 1,2-Dichloropropane	6.101	63	15767m	0.477	ug/L	
38) Bromodichloromethane	6.442	83	19731	0.438	ug/L	98
39) cis-1,3-Dichloropropene	6.972	75	18894m	0.422	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	52574m	3.995	ug/L	
42) Toluene	7.320	91	50939	0.363	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	14524	0.385	ug/L	90

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 Response via : Initial Calibration

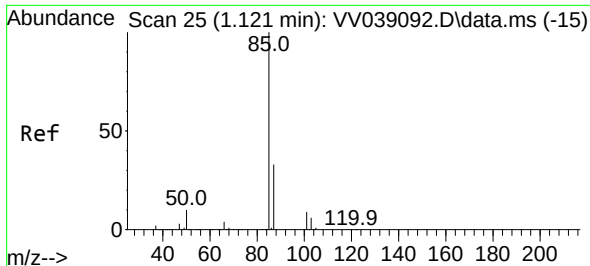
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

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

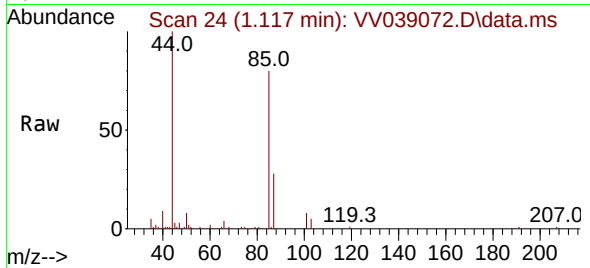
45) 1,1,2-Trichloroethane	7.773	97	10551	0.445	ug/L	93
47) Tetrachloroethene	7.905	164	12562	0.450	ug/L	89
48) 2-Hexanone	8.088	43	36358m	4.188	ug/L	
49) Dibromochloromethane	8.175	129	11457	0.403	ug/L	99
50) 1,2-Dibromoethane	8.287	107	9016	0.418	ug/L #	87
51) Chlorobenzene	8.812	112	38103	0.416	ug/L	91
52) Ethylbenzene	8.943	91	51744	0.355	ug/L	100
53) m,p-Xylene	9.075	106	19072	0.337	ug/L	99
54) o-Xylene	9.474	106	16953	0.331	ug/L	95
55) Styrene	9.500	104	29028m	0.326	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	11835	0.433	ug/L	98
59) Bromoform	9.670	173	6080	0.484	ug/L #	97
60) Isopropylbenzene	9.860	105	46606	0.381	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	7388	0.460	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.467	105	32859	0.353	ug/L	95
63) 1,2,4-Trimethylbenzene	10.847	105	33340	0.369	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	25767	0.440	ug/L	94
65) 1,4-Dichlorobenzene	11.201	146	27921	0.463	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	22192	0.426	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.361	75	1791	0.526	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.577	180	17756	0.477	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	13227	0.462	ug/L	99
71) Naphthalene	13.438	128	16927	0.382	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	11725	0.458	ug/L	90

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



#2
Dichlorodifluoromethane
Concen: 0.452 ug/L
RT: 1.117 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

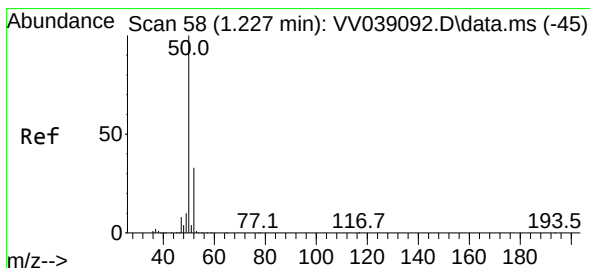
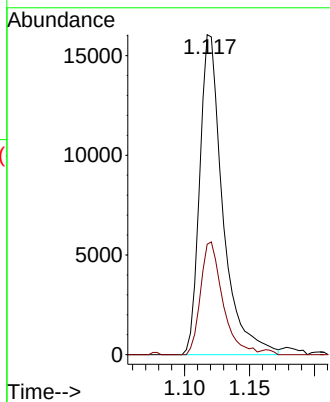
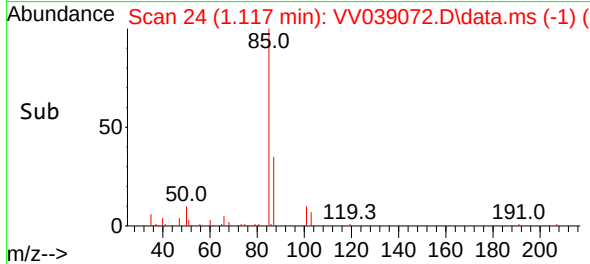
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



Tgt Ion: 85 Resp: 1996
Ion Ratio Lower Upper
85 100
87 33.9 25.9 38.9

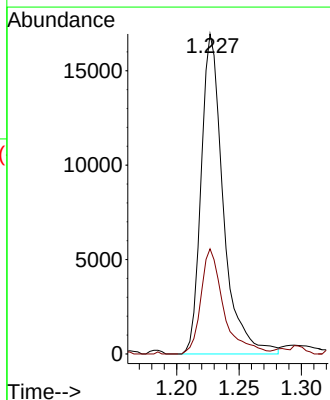
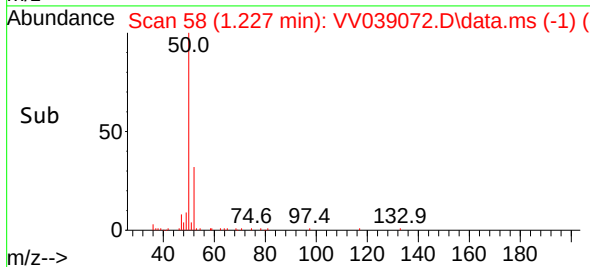
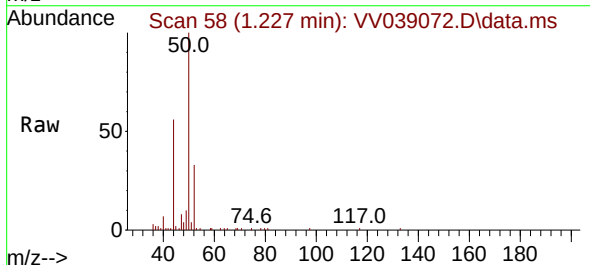
Manual Integrations
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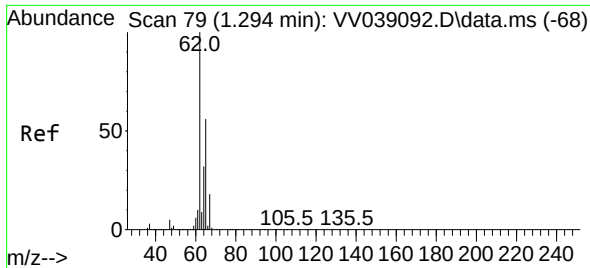
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#3
Chloromethane
Concen: 0.480 ug/L
RT: 1.227 min Scan# 58
Delta R.T. 0.000 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

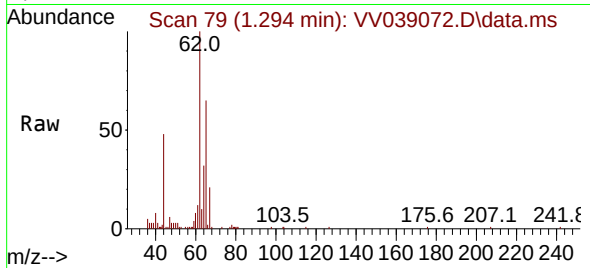
Tgt Ion: 50 Resp: 20910
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.6





#5
 Vinyl chloride
 Concen: 0.452 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08

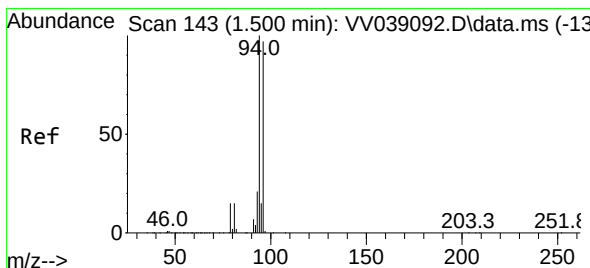
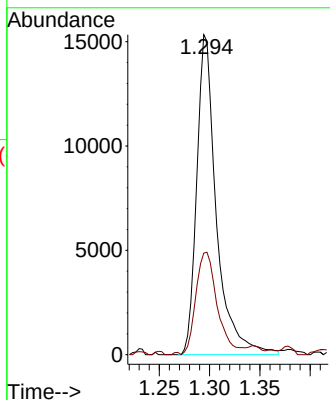
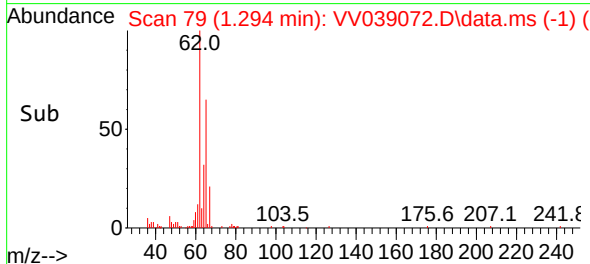
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258



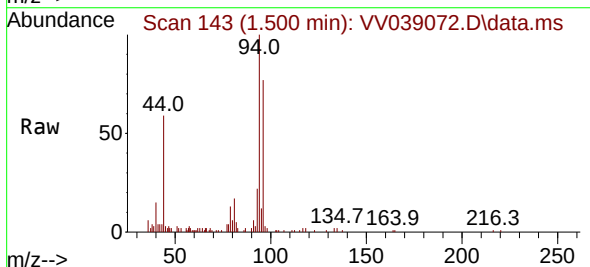
Tgt Ion: 62 Resp: 20839
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.4 41.6

Manual Integrations
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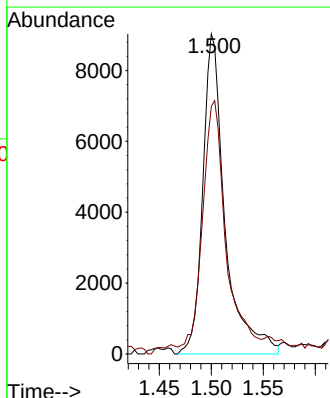
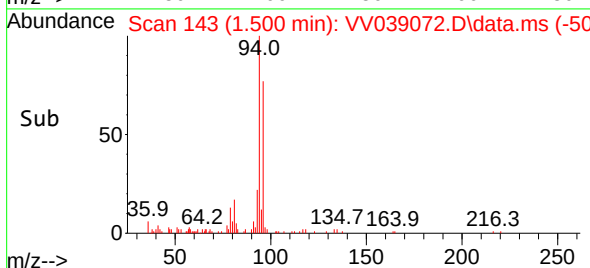
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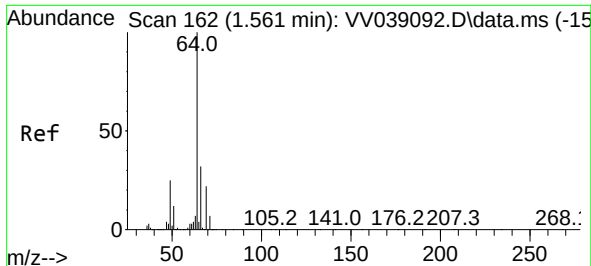


#6
 Bromomethane
 Concen: 0.523 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08



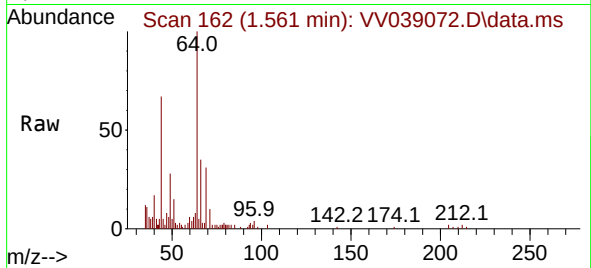
Tgt Ion: 94 Resp: 13407
 Ion Ratio Lower Upper
 94 100
 96 77.4 65.9 122.5





#8
Chloroethane
Concen: 0.469 ug/L
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

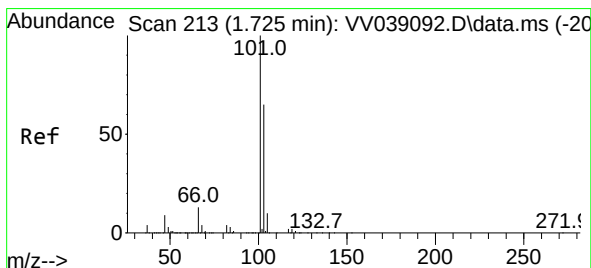
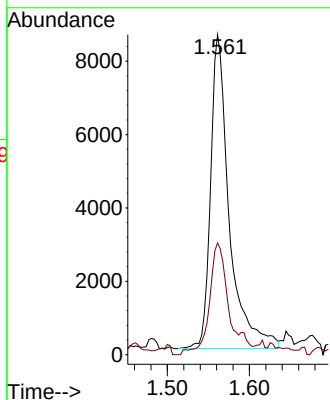
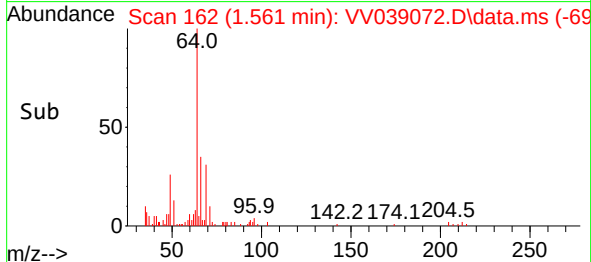
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



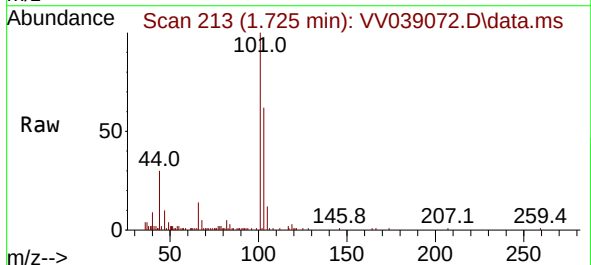
Tgt Ion: 64 Resp: 13520
Ion Ratio Lower Upper
64 100
66 34.9 22.3 41.5

Manual Integrations
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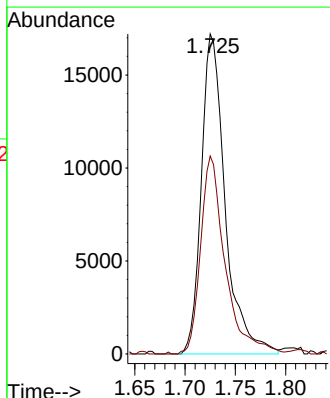
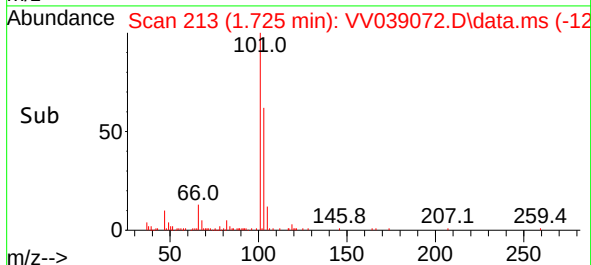
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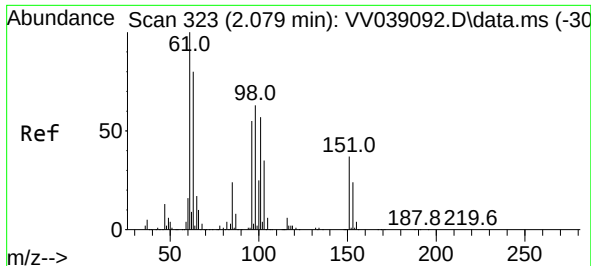


#9
Trichlorofluoromethane
Concen: 0.451 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08



Tgt Ion:101 Resp: 28399
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1





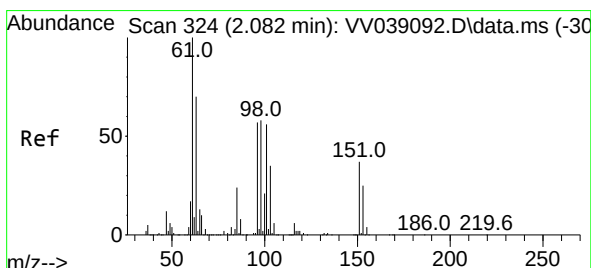
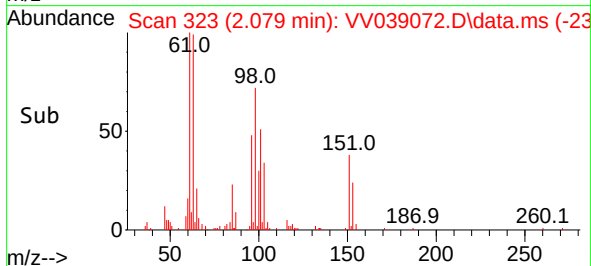
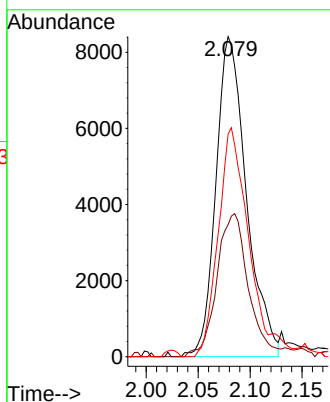
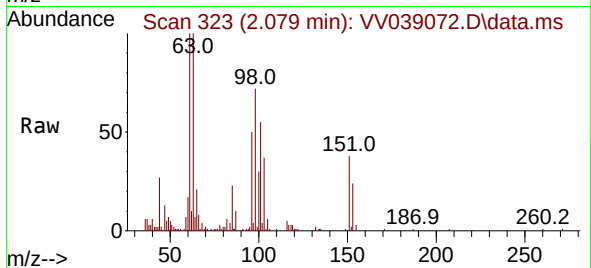
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.445 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

Tgt Ion: 101 Resp: 1719
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.4 53.0
 151 72.0 55.4 83.0

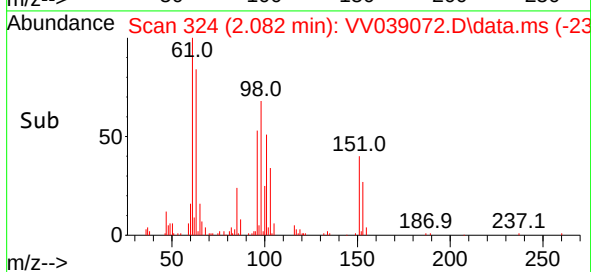
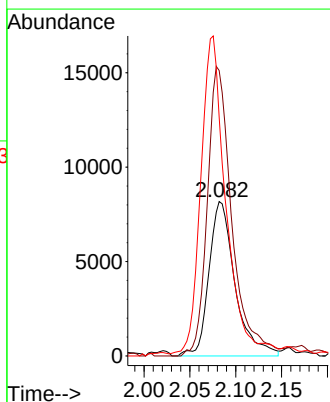
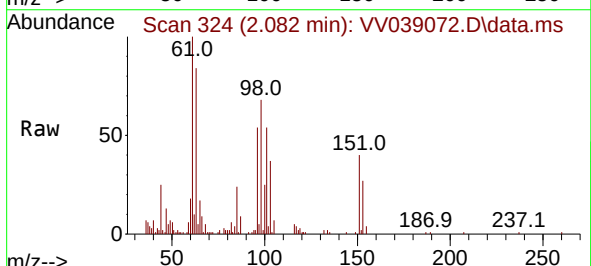
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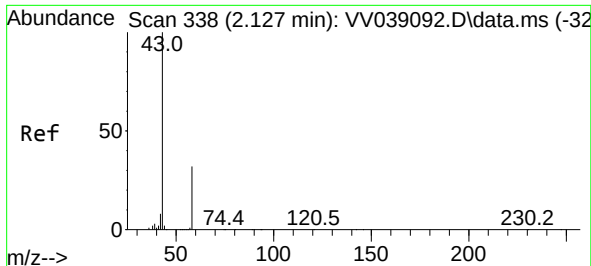
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#12
 1,1-Dichloroethene
 Concen: 0.460 ug/L
 RT: 2.082 min Scan# 324
 Delta R.T. 0.000 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08

Tgt Ion: 96 Resp: 16169
 Ion Ratio Lower Upper
 96 100
 61 184.8 124.7 231.7
 63 154.7 93.5 173.7





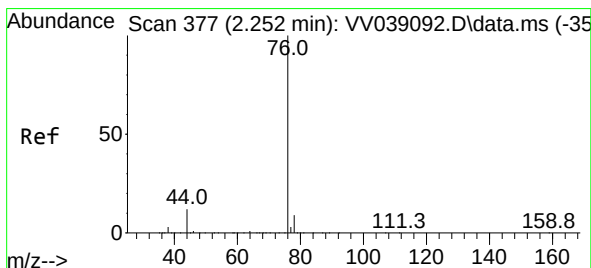
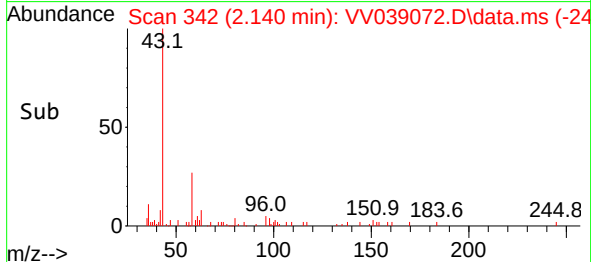
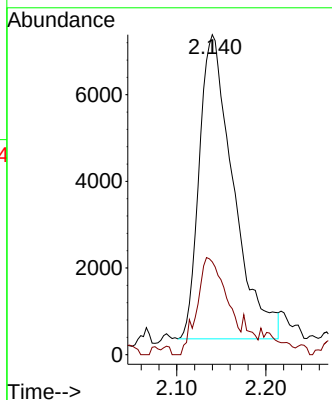
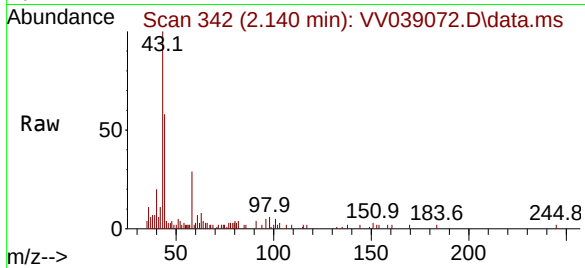
#13
Acetone
Concen: 4.436 ug/L
RT: 2.140 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

Tgt Ion: 43 Resp: 1859
Ion Ratio Lower Upper
43 100
58 27.9 0.0 64.0

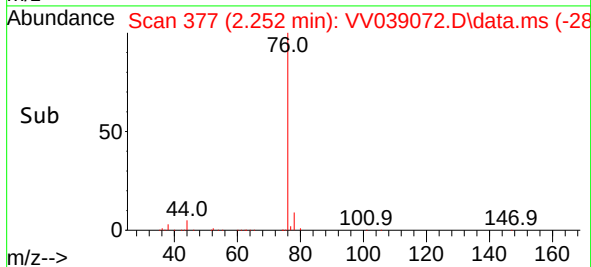
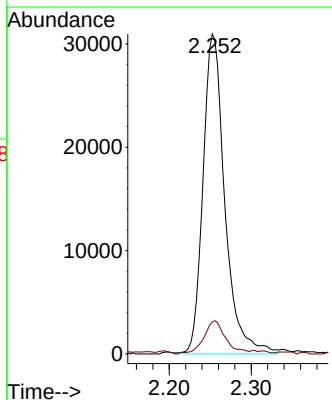
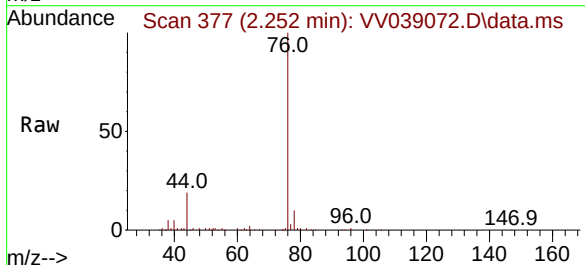
Manual Integrations
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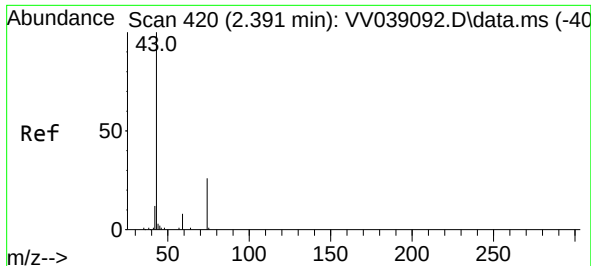
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#14
Carbon disulfide
Concen: 0.498 ug/L
RT: 2.252 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

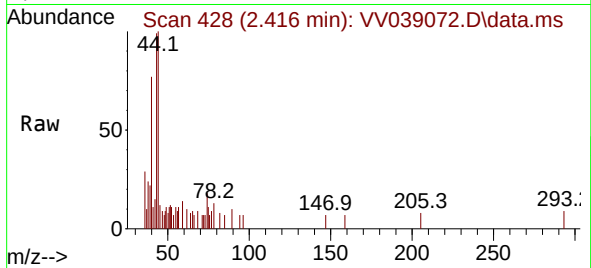
Tgt Ion: 76 Resp: 57346
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2





#15
Methyl Acetate
Concen: 0.404 ug/L
RT: 2.416 min Scan# 41
Delta R.T. 0.023 min
Lab File: VV039072.D
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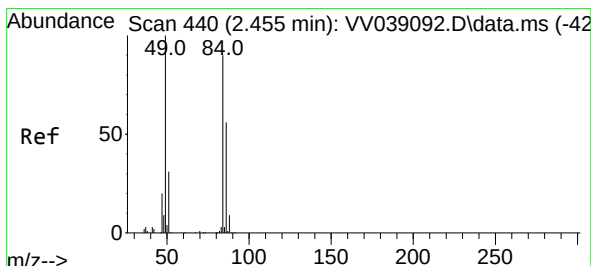
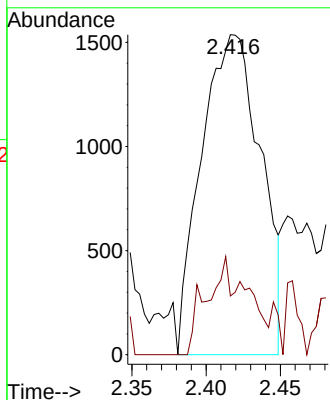
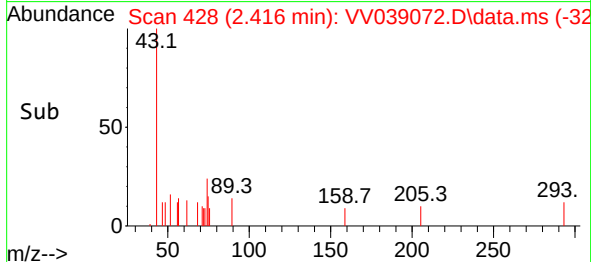
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
74 9.0 18.8 28.2

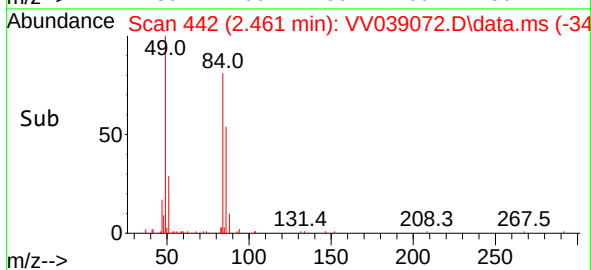
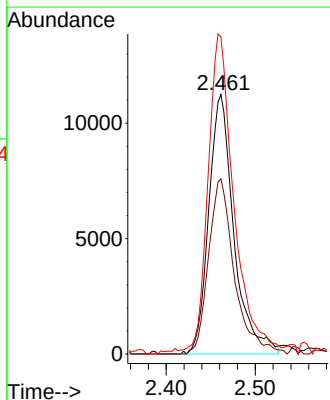
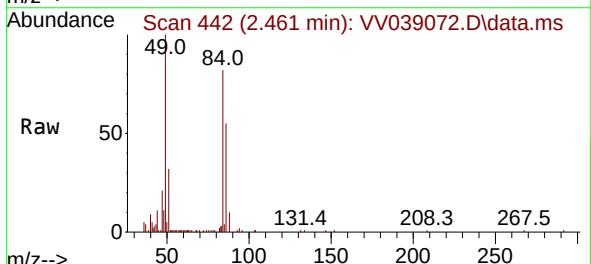
Manual Integrations
APPROVED

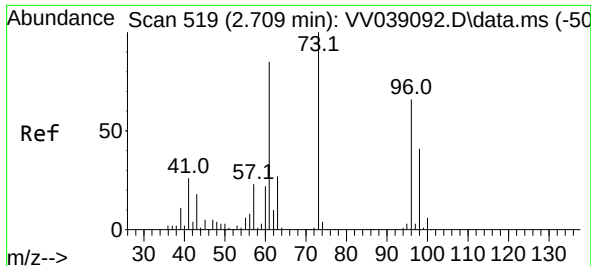
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#16
Methylene chloride
Concen: 0.446 ug/L
RT: 2.461 min Scan# 442
Delta R.T. 0.003 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion: 84 Resp: 22073
Ion Ratio Lower Upper
84 100
86 67.6 44.2 82.2
49 122.1 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 0.417 ug/L

RT: 2.715 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Instrument :

MSVOA_V

ClientSampleId :

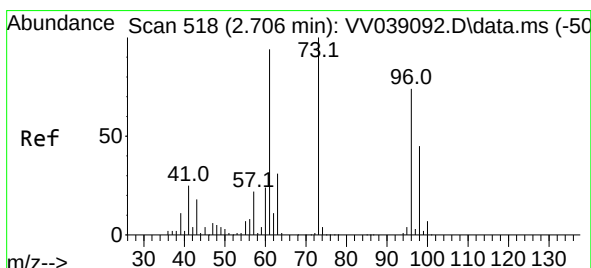
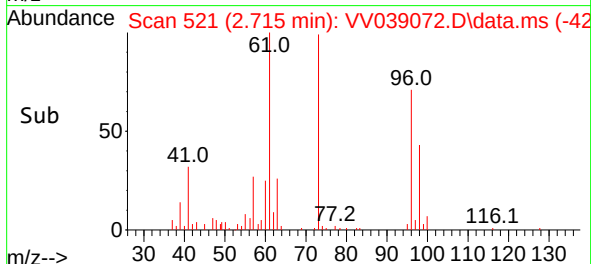
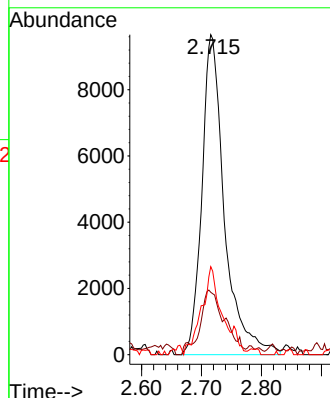
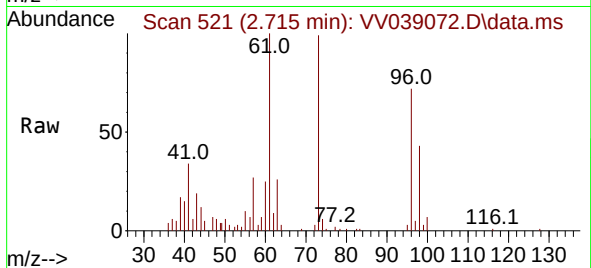
VSTD0.5258

Tgt Ion: 73	Resp: 2524
Ion Ratio	Lower Upper
73 100	
43 17.6	14.7 22.1
57 23.3	18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#18

trans-1,2-Dichloroethene

Concen: 0.448 ug/L

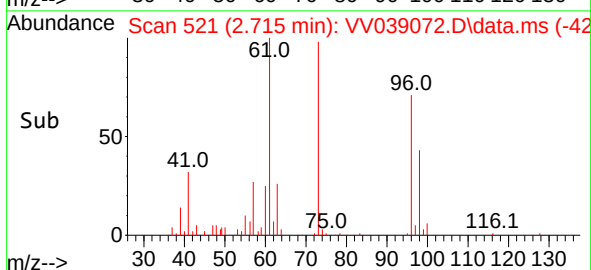
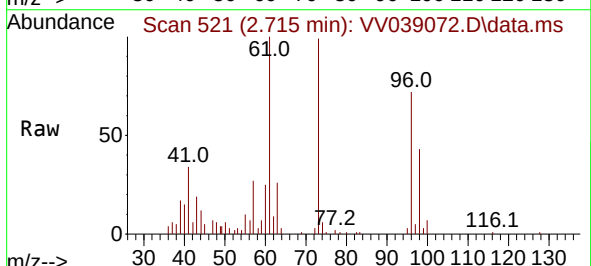
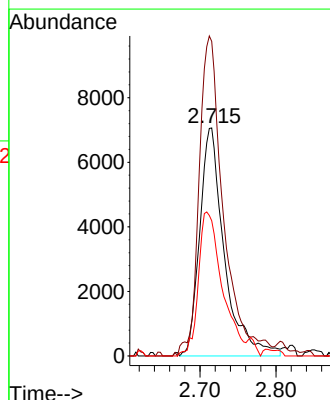
RT: 2.715 min Scan# 521

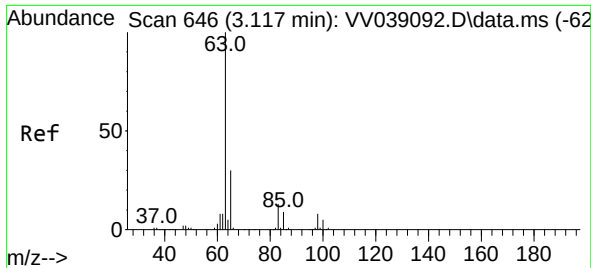
Delta R.T. 0.010 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

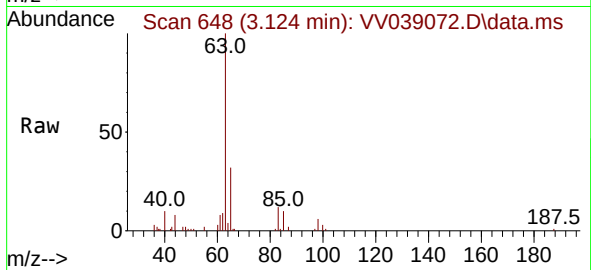
Tgt Ion: 96	Resp: 15909
Ion Ratio	Lower Upper
96 100	
61 137.9	89.7 166.5
98 59.3	44.9 83.3





#19
1,1-Dichloroethane
Concen: 0.440 ug/L
RT: 3.124 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

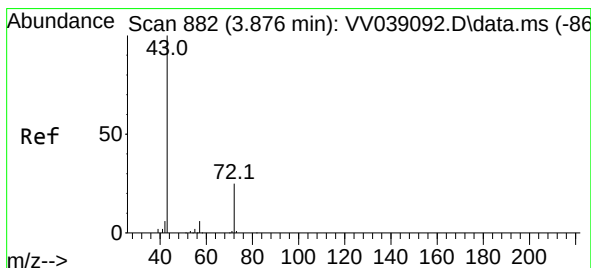
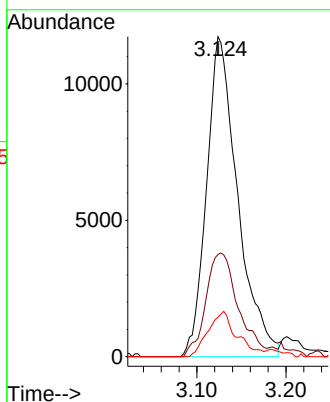
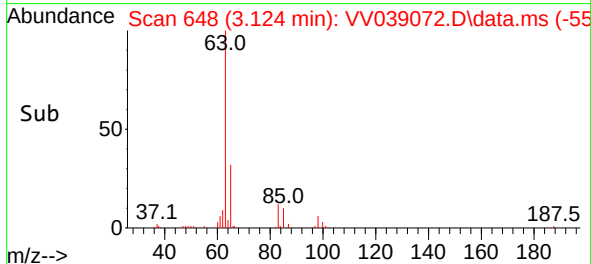
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



Tgt Ion: 63 Resp: 28432
Ion Ratio Lower Upper
63 100
65 32.0 21.5 39.9
83 12.3 9.2 17.2

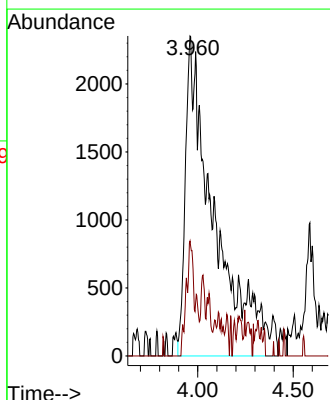
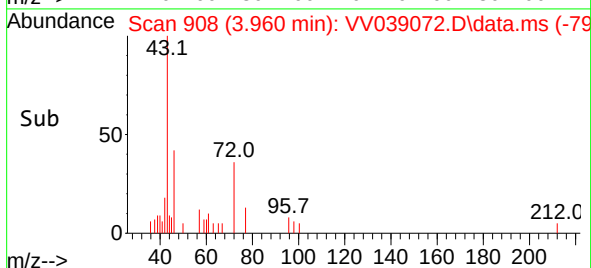
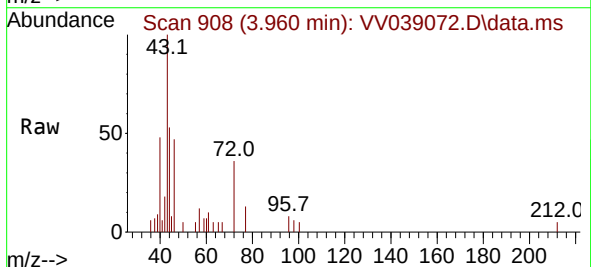
Manual Integrations
APPROVED

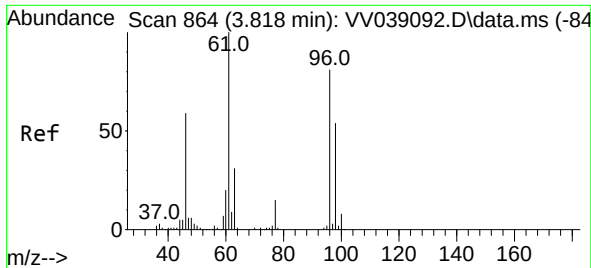
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#21
2-Butanone
Concen: 5.195 ug/L m
RT: 3.960 min Scan# 908
Delta R.T. 0.071 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

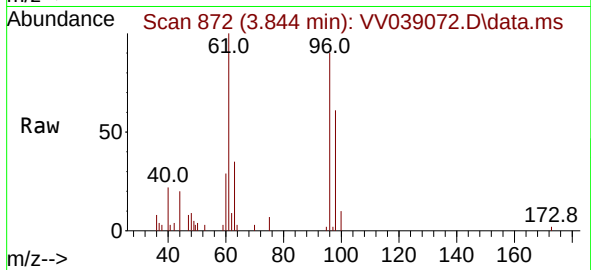
Tgt Ion: 43 Resp: 24627
Ion Ratio Lower Upper
43 100
72 4.6 12.0 36.0#





#22
 cis-1,2-Dichloroethene
 Concen: 0.419 ug/L
 RT: 3.844 min Scan# 81
 Delta R.T. 0.022 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08

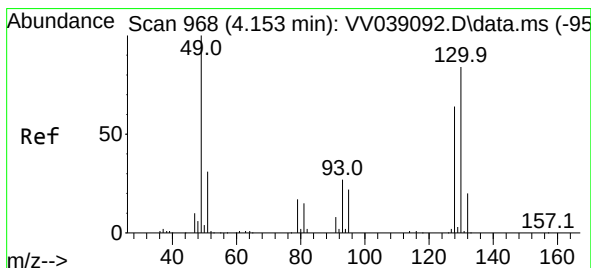
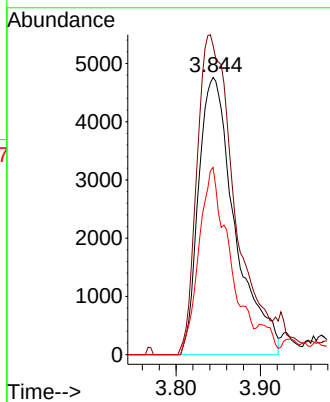
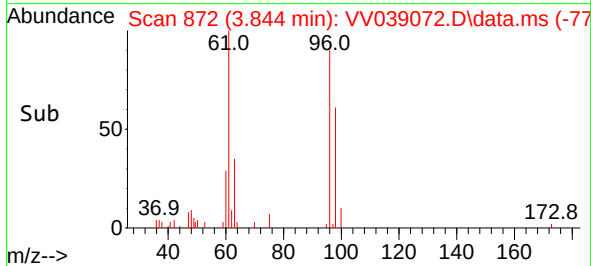
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258



Tgt Ion: 96 Resp: 14300
 Ion Ratio Lower Upper
 96 100
 61 111.5 85.4 158.6
 98 67.5 46.6 86.6

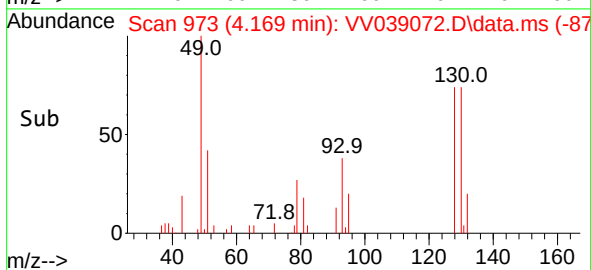
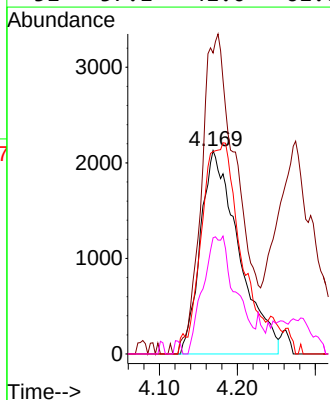
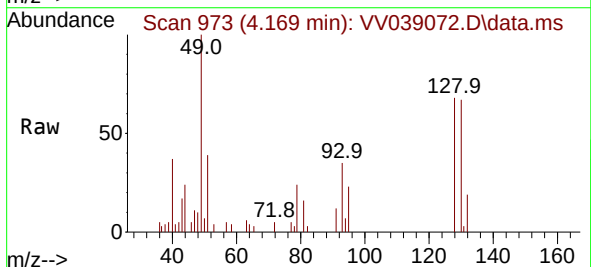
Manual Integrations
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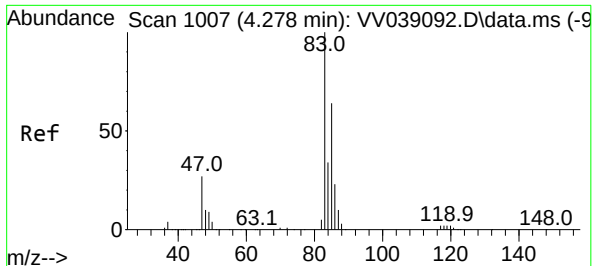
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#23
 Bromochloromethane
 Concen: 0.477 ug/L
 RT: 4.169 min Scan# 973
 Delta R.T. 0.013 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08

Tgt Ion:128 Resp: 7284
 Ion Ratio Lower Upper
 128 100
 49 148.0 115.3 214.1
 130 99.5 93.2 173.0
 51 57.1 41.0 61.6





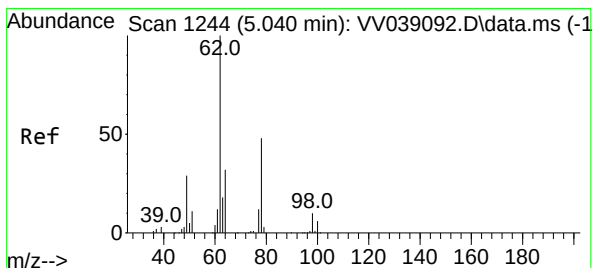
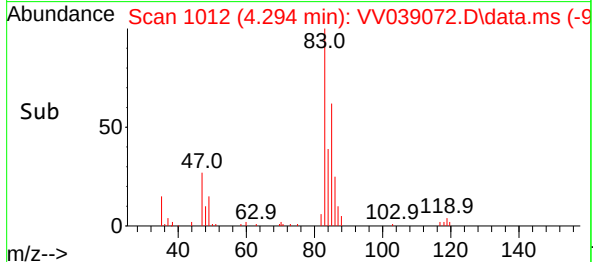
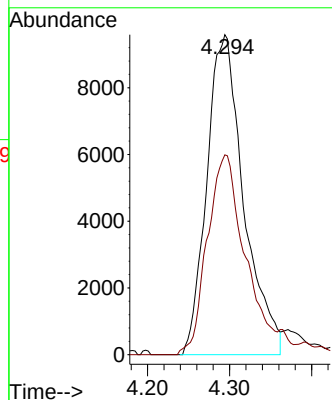
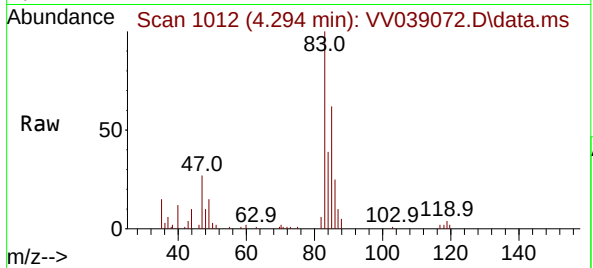
#25
Chloroform
Concen: 0.442 ug/L
RT: 4.294 min Scan# 1007
Delta R.T. 0.016 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

Tgt Ion: 83 Resp: 29989
Ion Ratio Lower Upper
83 100
85 62.4 45.3 84.1

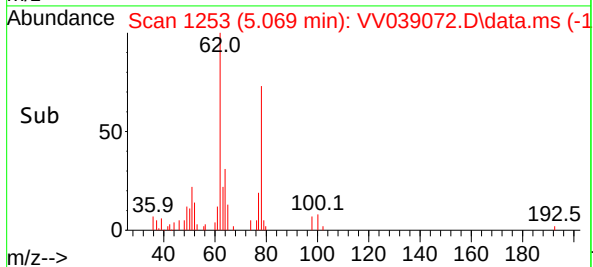
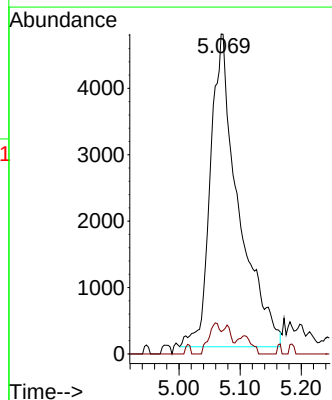
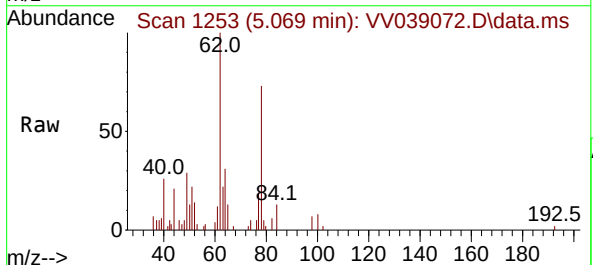
Manual Integrations
APPROVED

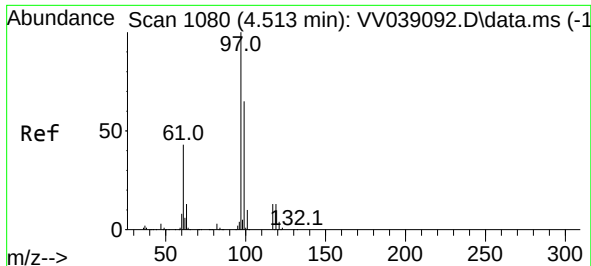
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#27
1,2-Dichloroethane
Concen: 0.439 ug/L
RT: 5.069 min Scan# 1253
Delta R.T. 0.026 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion: 62 Resp: 15045
Ion Ratio Lower Upper
62 100
98 7.0 8.6 12.8#





#29

1,1,1-Trichloroethane

Concen: 0.413 ug/L

RT: 4.522 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Instrument :

MSVOA_V

ClientSampleId :

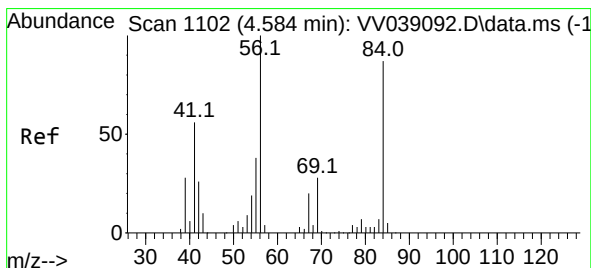
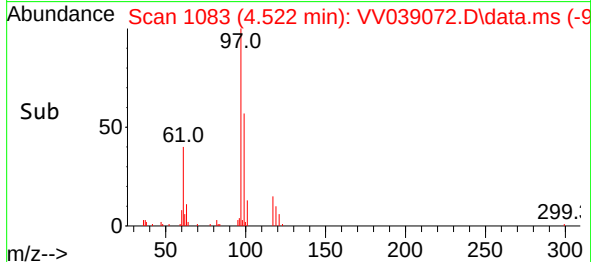
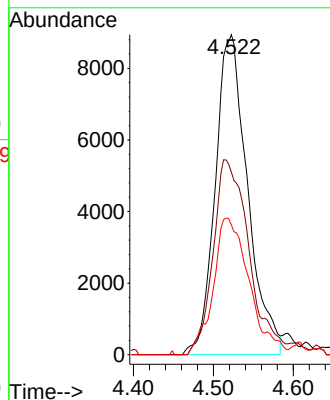
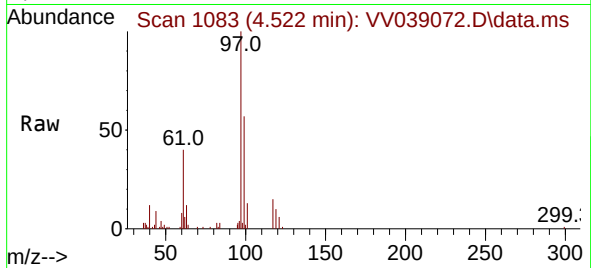
VSTD0.5258

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.5	51.1	76.7
61	47.4	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#30

Cyclohexane

Concen: 0.389 ug/L

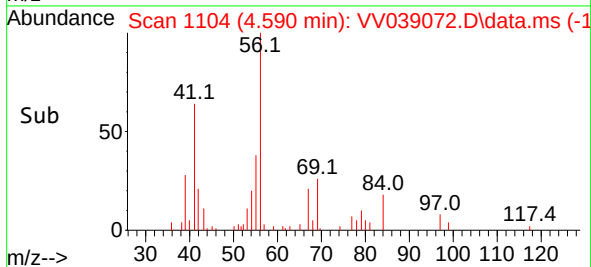
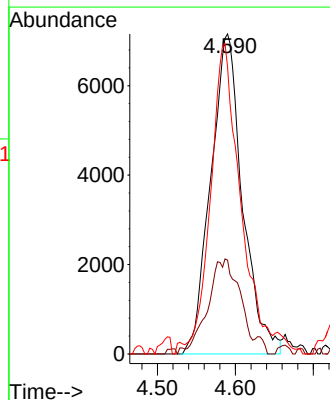
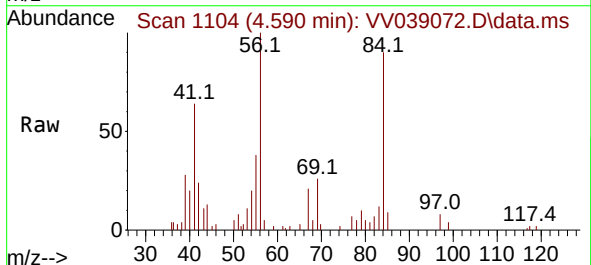
RT: 4.590 min Scan# 1104

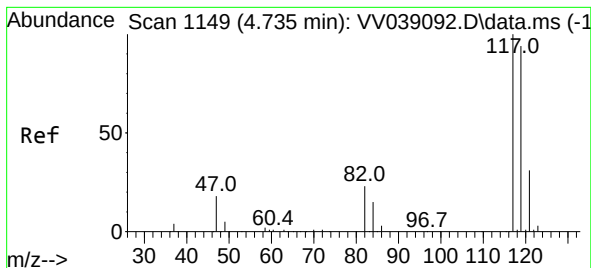
Delta R.T. 0.003 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

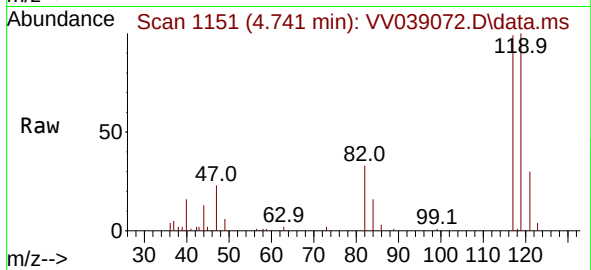
Tgt Ion	Ratio	Lower	Upper
56	100		
69	15.0	25.0	37.6
84	85.1	71.3	106.9





#31
Carbon tetrachloride
Concen: 0.442 ug/L
RT: 4.741 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

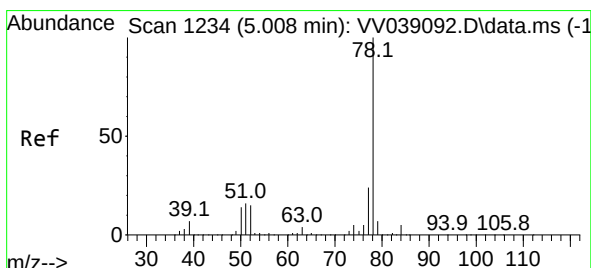
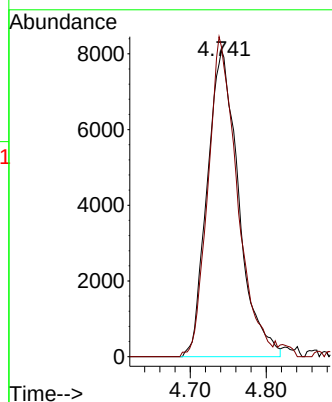
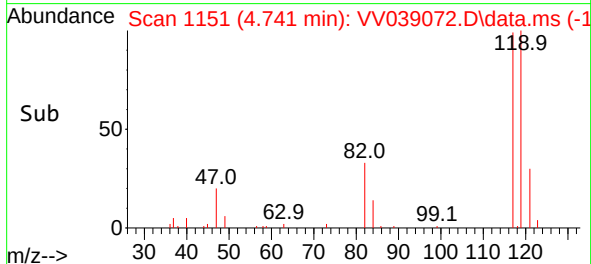
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



Tgt Ion:117 Resp: 2322
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2

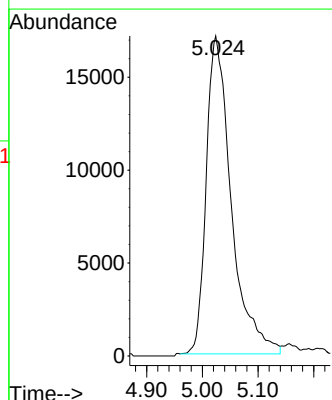
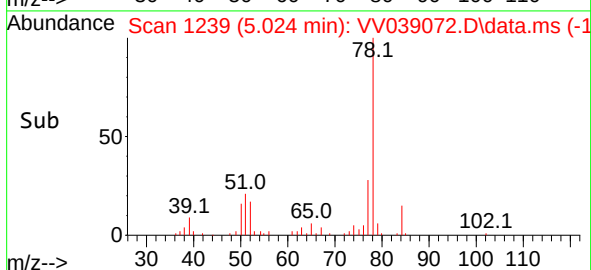
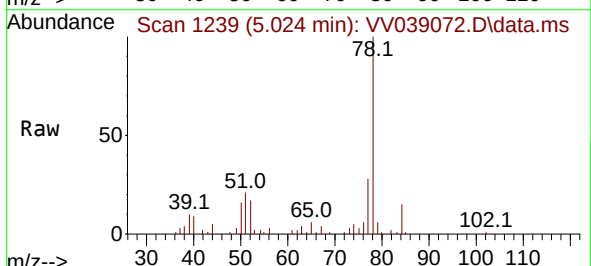
Manual Integrations
APPROVED

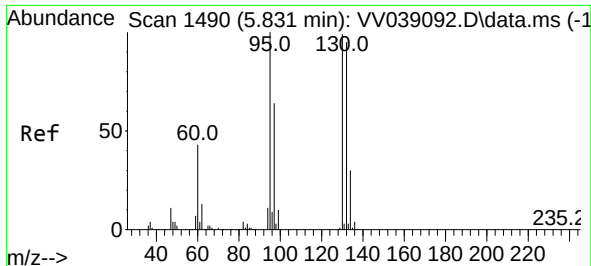
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#33
Benzene
Concen: 0.398 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.013 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

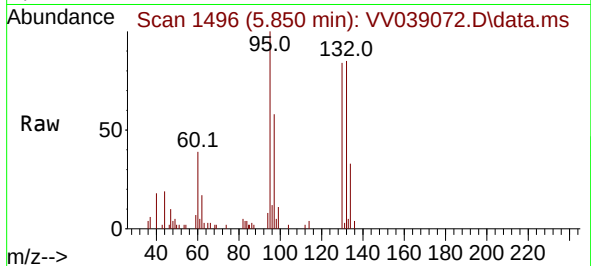
Tgt Ion: 78 Resp: 53387





#34
Trichloroethene
Concen: 0.432 ug/L
RT: 5.850 min Scan# 1490
Delta R.T. 0.019 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

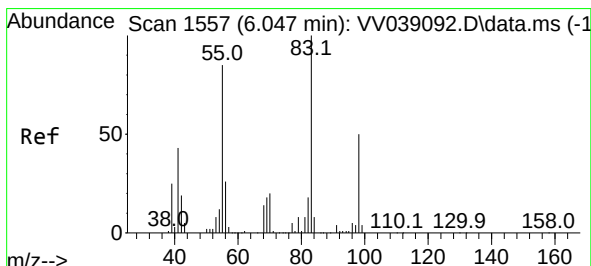
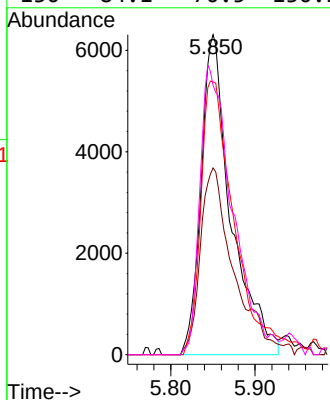
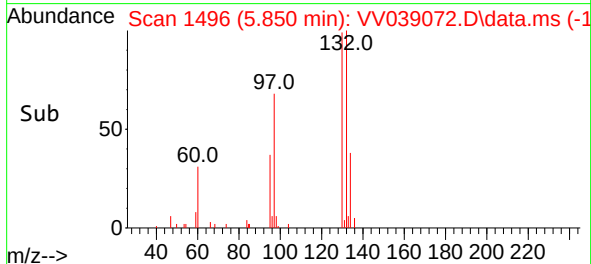
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



Tgt Ion: 95 Resp: 1560
Ion Ratio Lower Upper
95 100
97 58.3 43.3 80.5
132 85.3 65.5 121.7
130 84.1 70.5 130.9

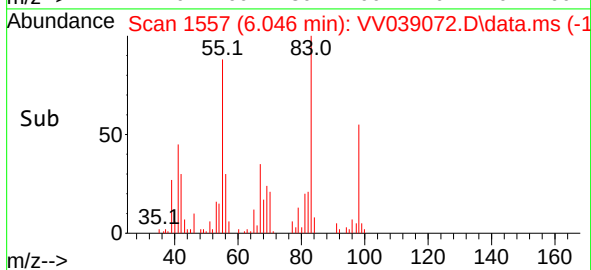
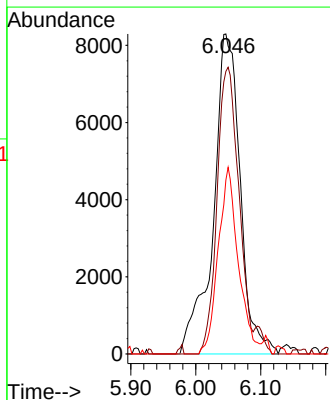
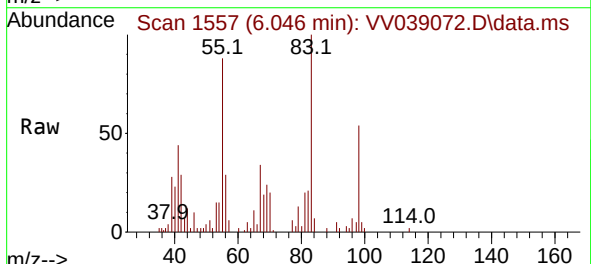
Manual Integrations
APPROVED

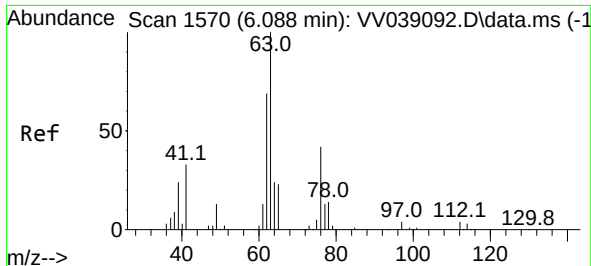
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#35
Methylcyclohexane
Concen: 0.430 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion: 83 Resp: 23859
Ion Ratio Lower Upper
83 100
55 72.2 61.4 92.2
98 43.4 38.2 57.4





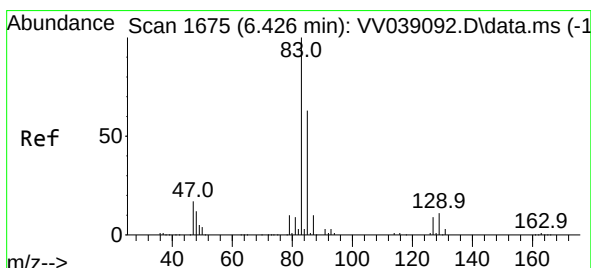
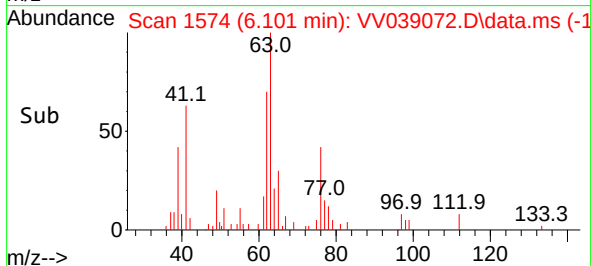
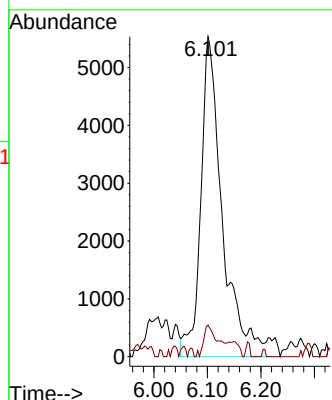
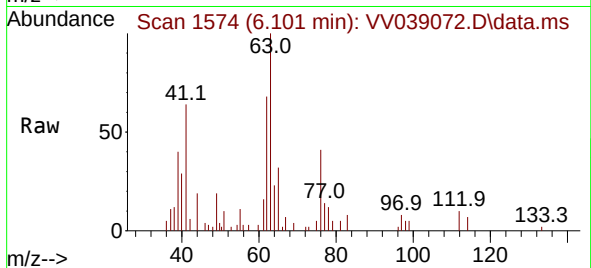
#37
1,2-Dichloropropane
Concen: 0.477 ug/L m
RT: 6.101 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

Tgt Ion: 63 Resp: 1576
Ion Ratio Lower Upper
63 100
112 6.2 3.6 5.4

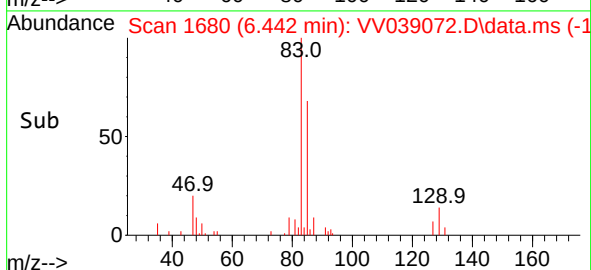
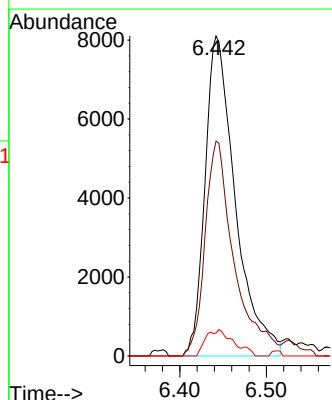
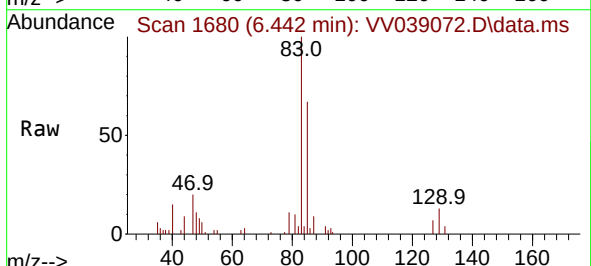
Manual Integrations
APPROVED

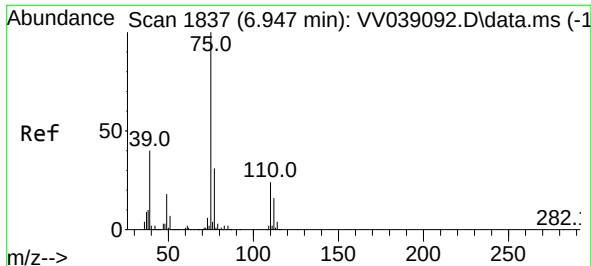
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#38
Bromodichloromethane
Concen: 0.438 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion: 83 Resp: 19731
Ion Ratio Lower Upper
83 100
85 67.1 45.8 85.2
127 7.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.422 ug/L m

RT: 6.972 min Scan# 1889

Delta R.T. 0.023 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Instrument :

MSVOA_V

ClientSampleId :

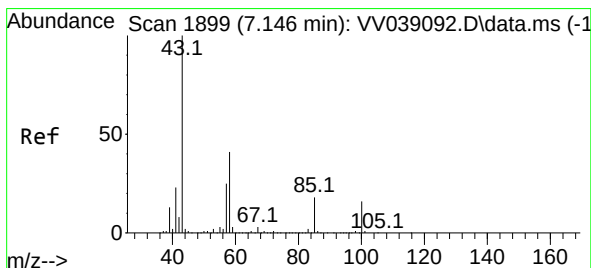
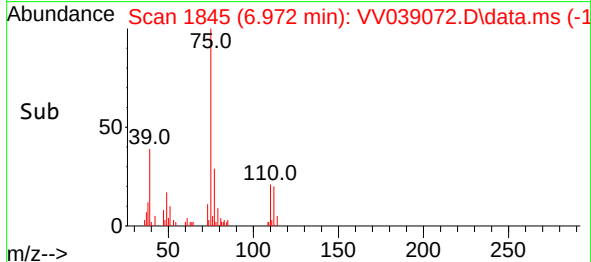
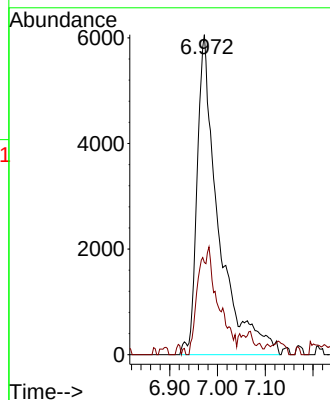
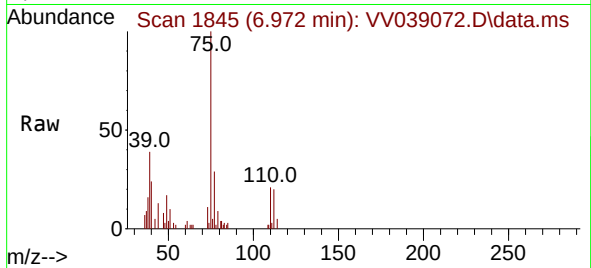
VSTD0.5258

Tgt Ion: 75	Resp: 1889
Ion Ratio	Lower Upper
75	100
77	28.8 22.4 41.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#40

4-Methyl-2-pentanone

Concen: 3.995 ug/L m

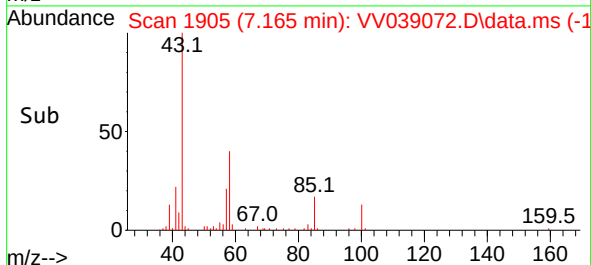
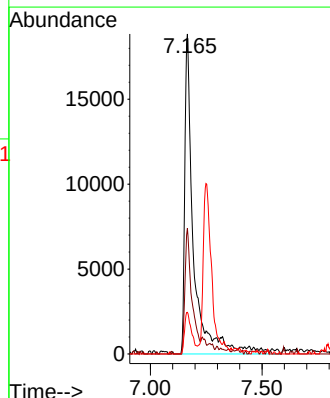
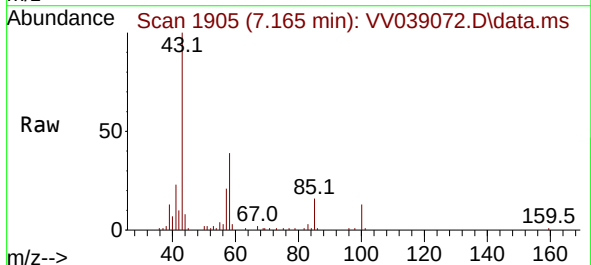
RT: 7.165 min Scan# 1905

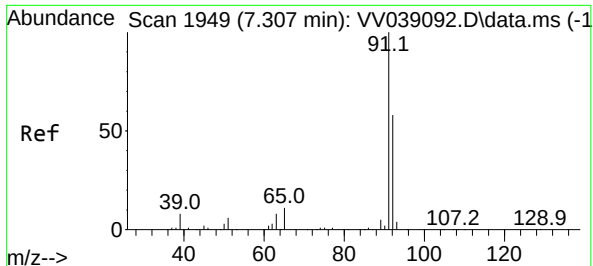
Delta R.T. 0.016 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Tgt Ion: 43	Resp: 52574
Ion Ratio	Lower Upper
43	100
58	29.8 31.7 47.5#
100	10.4 13.0 19.4#





#42

Toluene

Concen: 0.363 ug/L

RT: 7.320 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5258

Tgt Ion: 91 Resp: 50939

Ion Ratio Lower Upper

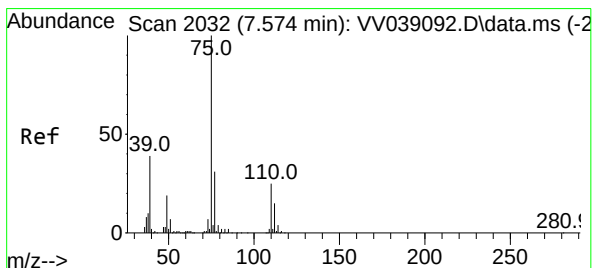
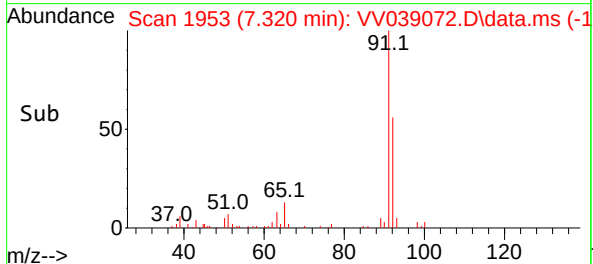
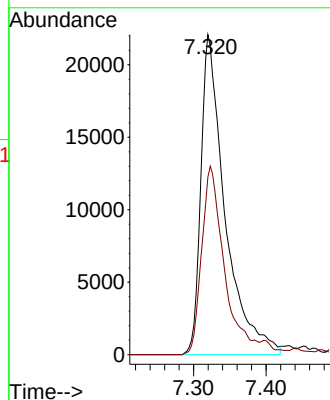
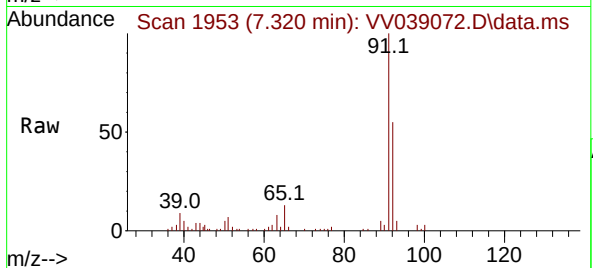
91 100

92 55.5 40.5 75.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#44

trans-1,3-Dichloropropene

Concen: 0.385 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV039072.D

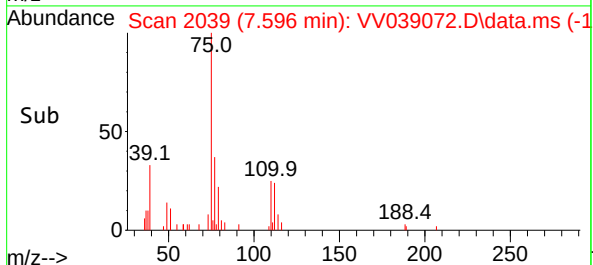
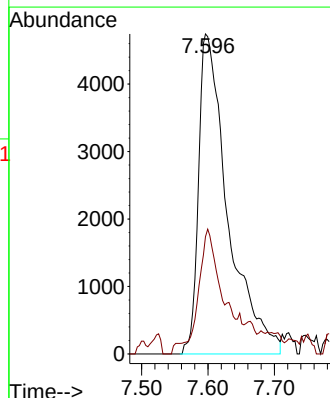
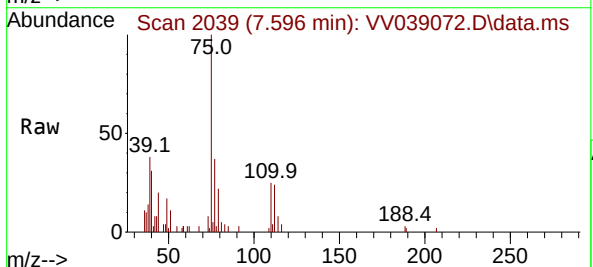
Acq: 15 Sep 2025 12:08

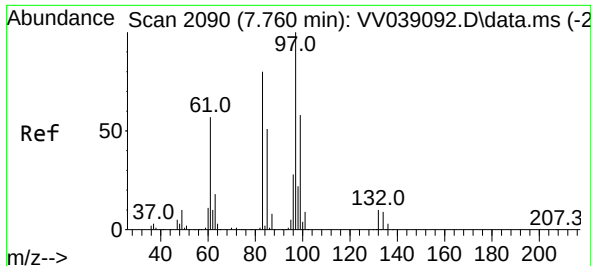
Tgt Ion: 75 Resp: 14524

Ion Ratio Lower Upper

75 100

77 36.6 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 0.445 ug/L

RT: 7.773 min Scan# 2090

Delta R.T. 0.010 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Instrument :

MSVOA_V

ClientSampleId :

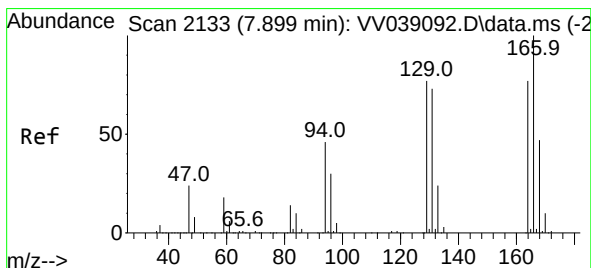
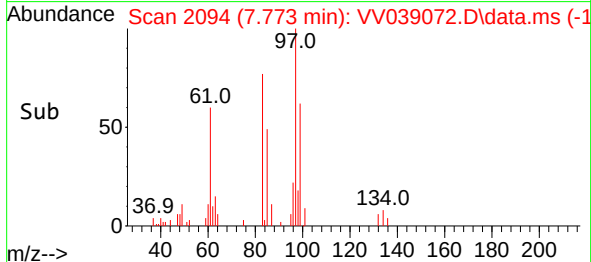
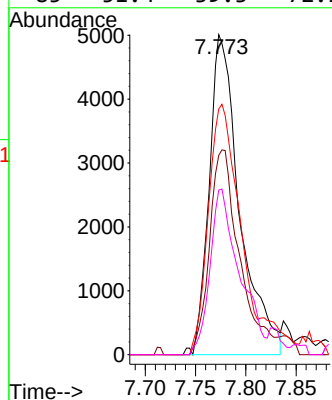
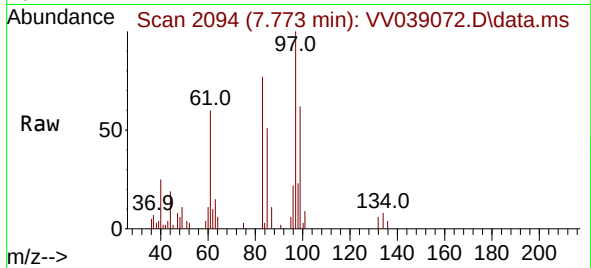
VSTD0.5258

Tgt Ion:	97	Resp:	1055
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.3	80.3
83	76.8	61.7	114.7
85	51.4	39.3	72.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#47

Tetrachloroethene

Concen: 0.450 ug/L

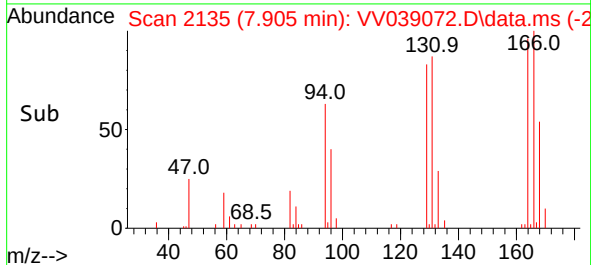
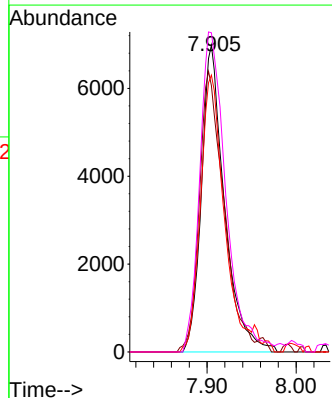
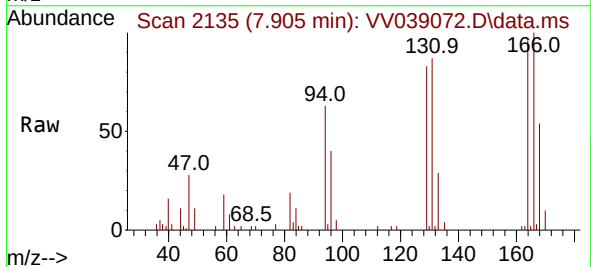
RT: 7.905 min Scan# 2135

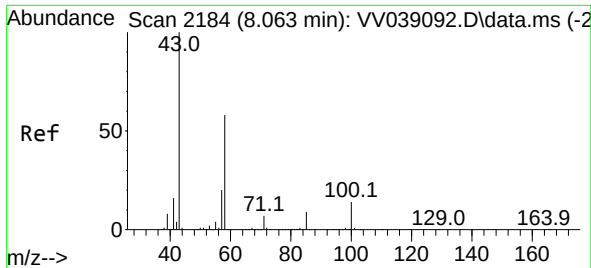
Delta R.T. 0.006 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

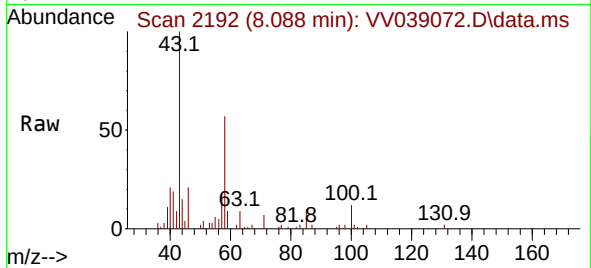
Tgt Ion:	164	Resp:	12562
Ion	Ratio	Lower	Upper
164	100		
129	86.8	68.0	126.4
131	90.2	65.4	121.4
166	104.1	86.7	161.1





#48
2-Hexanone
Concen: 4.188 ug/L m
RT: 8.088 min Scan# 2184
Delta R.T. 0.023 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

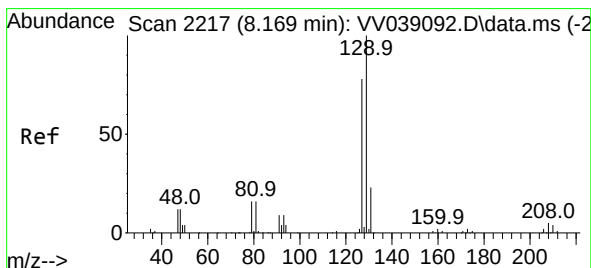
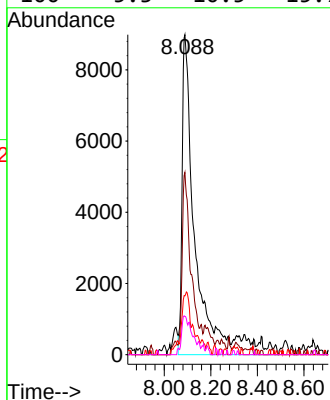
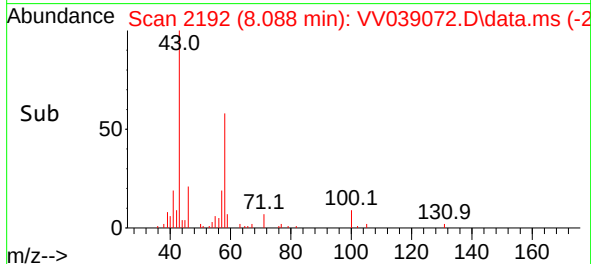
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



Tgt Ion: 43 Resp: 3635
Ion Ratio Lower Upper
43 100
58 32.6 45.6 68.4
57 8.3 15.6 23.4
100 5.3 10.5 15.7#

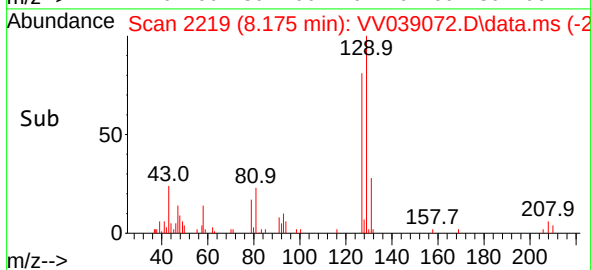
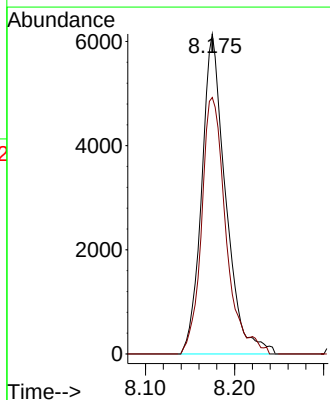
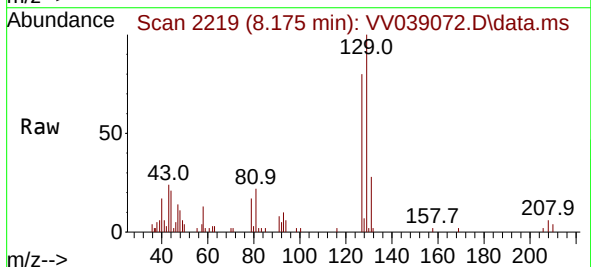
Manual Integrations
APPROVED

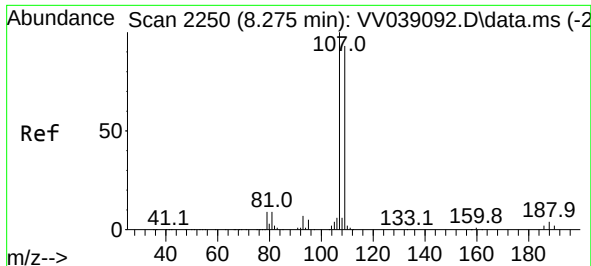
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#49
Dibromochloromethane
Concen: 0.403 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion:129 Resp: 11457
Ion Ratio Lower Upper
129 100
127 80.1 56.7 105.3





#50

1,2-Dibromoethane

Concen: 0.418 ug/L

RT: 8.287 min Scan# 2100

Delta R.T. 0.013 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5258

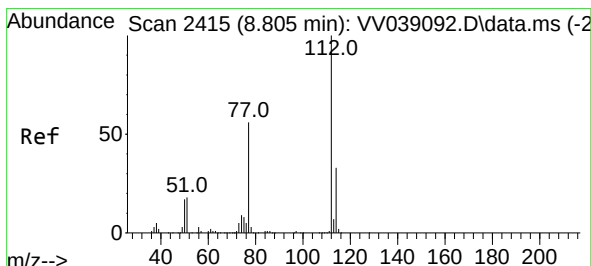
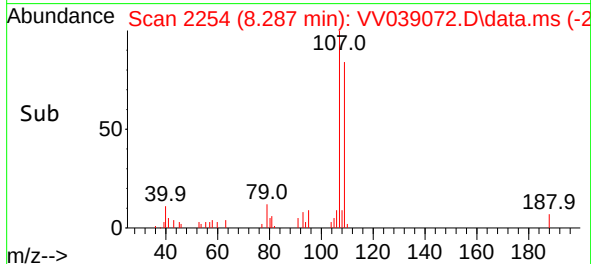
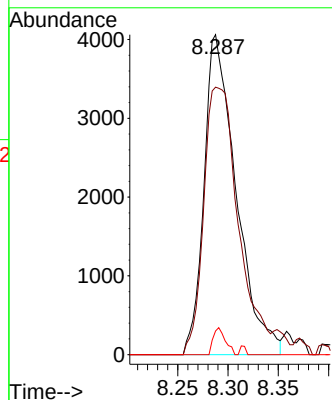
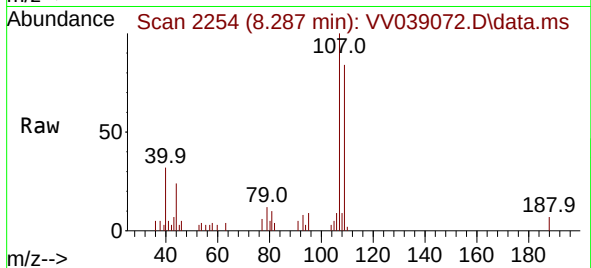
Tgt Ion:	107	Resp:	9010
Ion	Ratio	Lower	Upper
107	100		
109	83.6	67.1	124.7
188	7.4	2.5	3.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#51

Chlorobenzene

Concen: 0.416 ug/L

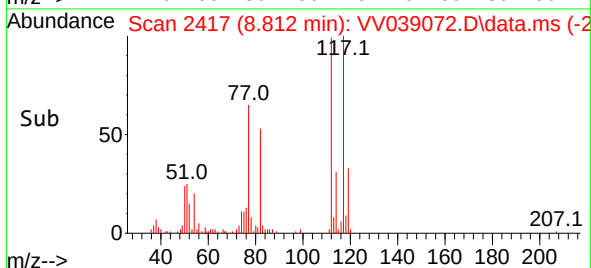
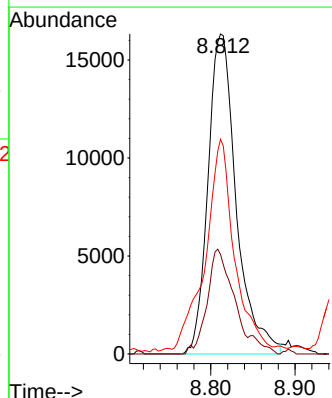
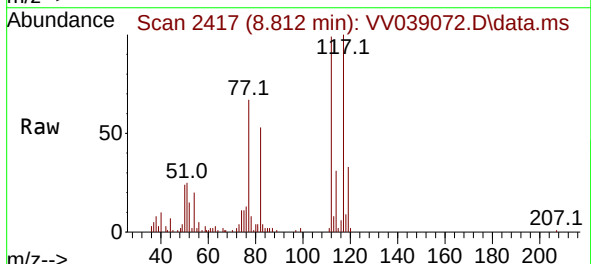
RT: 8.812 min Scan# 2417

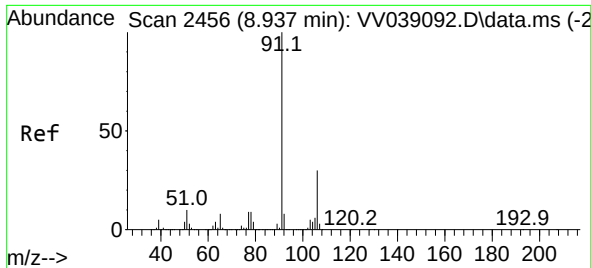
Delta R.T. 0.006 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Tgt Ion:	112	Resp:	38103
Ion	Ratio	Lower	Upper
112	100		
114	31.1	23.0	42.6
77	67.1	46.6	69.8





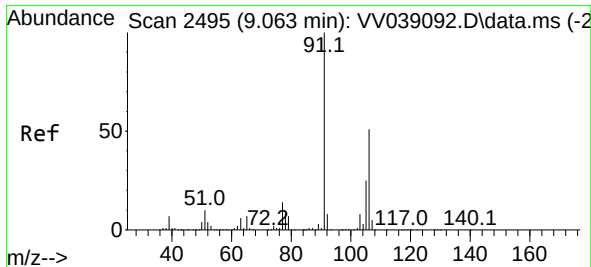
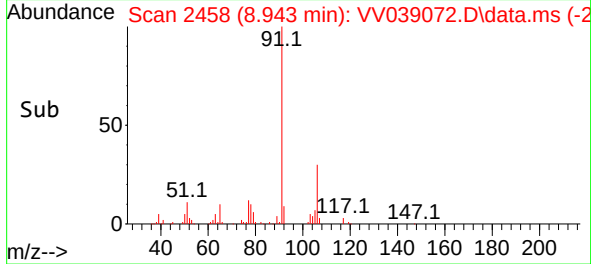
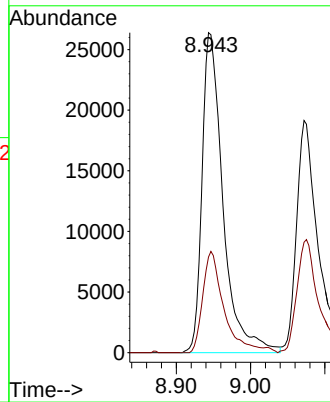
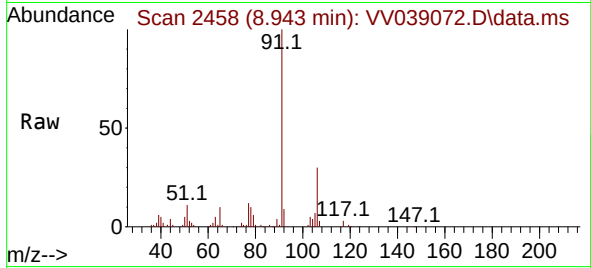
#52
Ethylbenzene
Concen: 0.355 ug/L
RT: 8.943 min Scan# 2456
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

Tgt Ion: 91 Resp: 51744
Ion Ratio Lower Upper
91 100
106 29.9 20.8 38.6

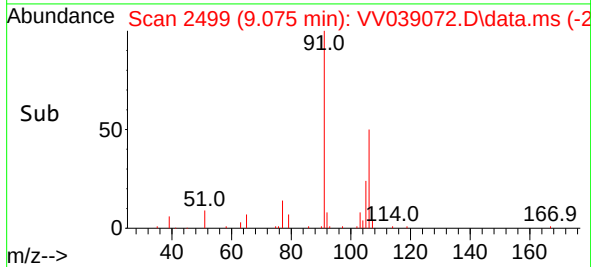
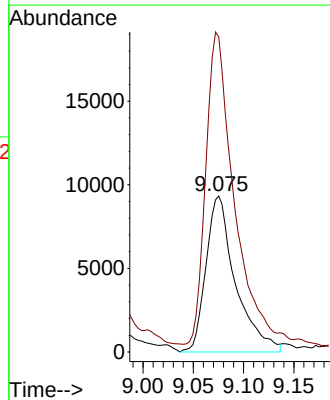
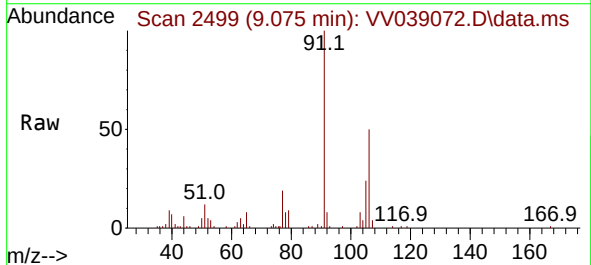
Manual Integrations
APPROVED

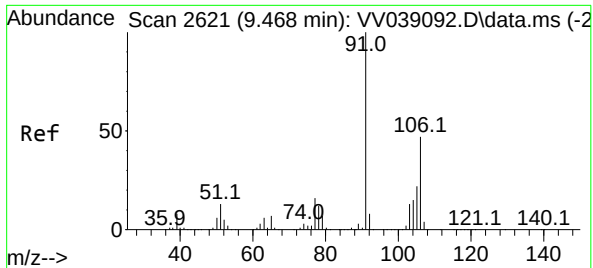
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#53
m,p-Xylene
Concen: 0.337 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.013 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion:106 Resp: 19072
Ion Ratio Lower Upper
106 100
91 201.9 140.1 260.3





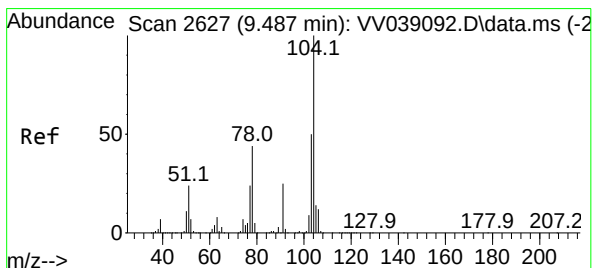
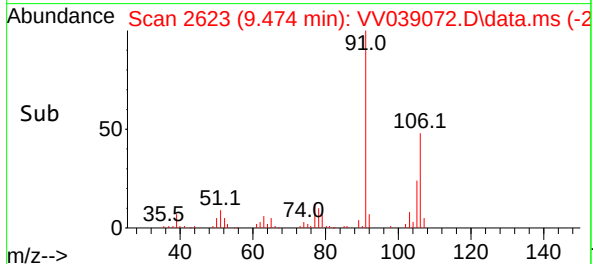
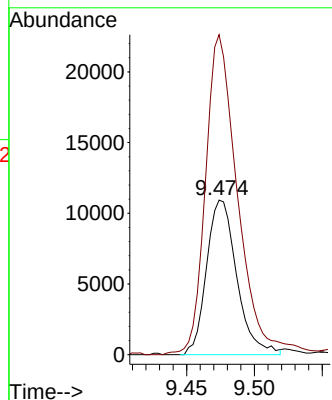
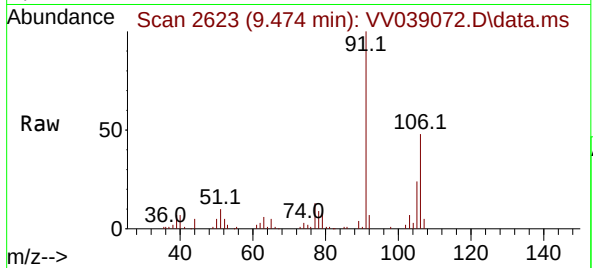
#54
o-Xylene
Concen: 0.331 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

Tgt Ion:106 Resp: 1695
Ion Ratio Lower Upper
106 100
91 207.1 150.7 279.9

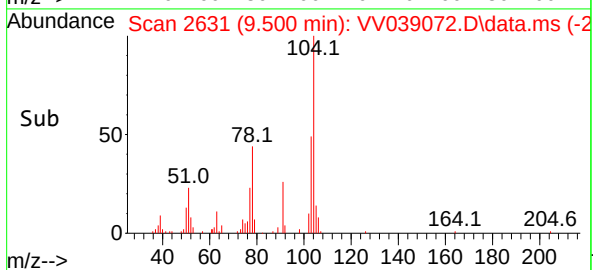
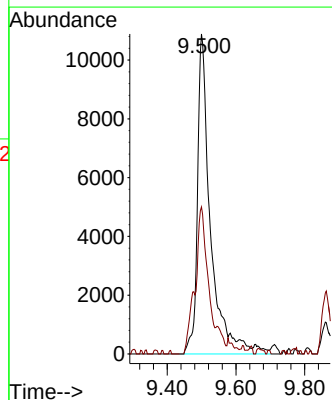
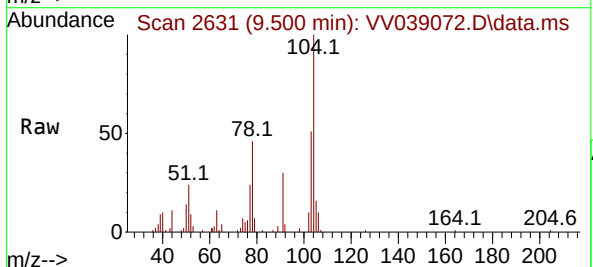
Manual Integrations
APPROVED

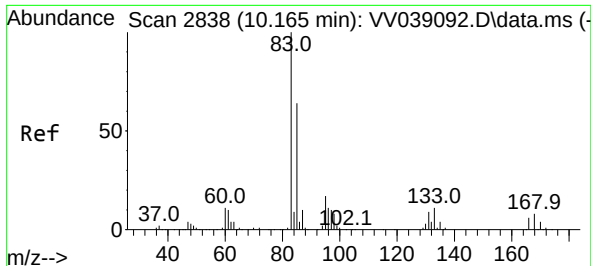
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#55
Styrene
Concen: 0.326 ug/L m
RT: 9.500 min Scan# 2631
Delta R.T. 0.013 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion:104 Resp: 29028
Ion Ratio Lower Upper
104 100
78 45.9 29.9 55.5





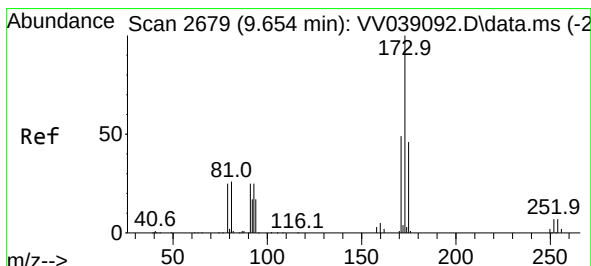
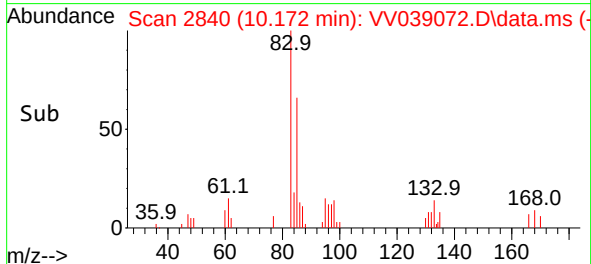
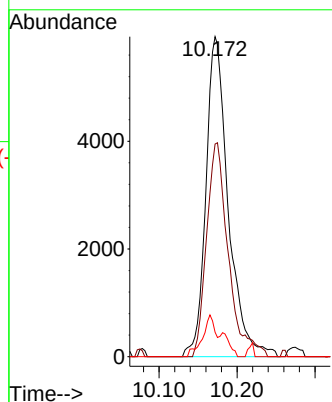
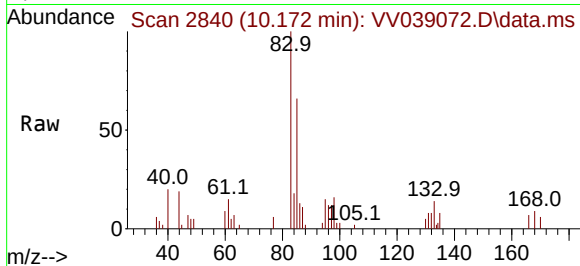
#57
1,1,2,2-Tetrachloroethane
Concen: 0.433 ug/L
RT: 10.172 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument : MSVOA_V
ClientSampleId : VSTD0.5258

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	45.4	84.4
131	7.7	7.2	10.8

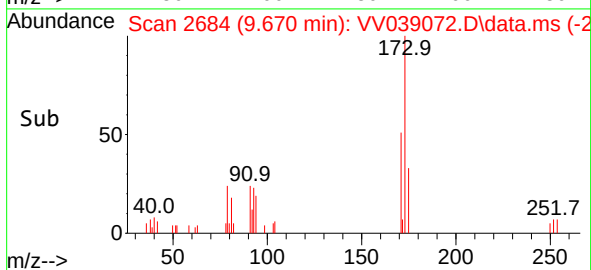
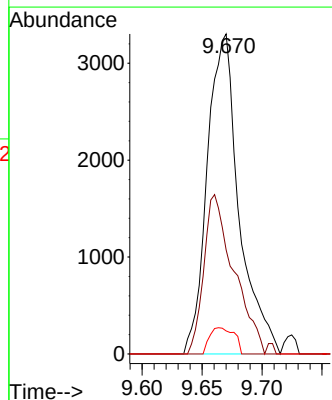
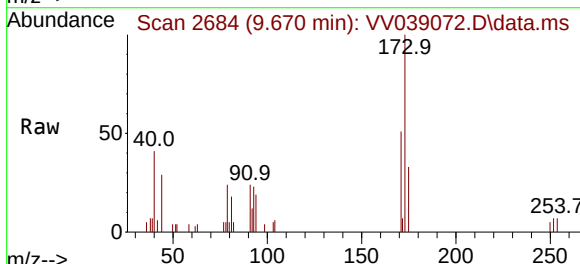
Manual Integrations
APPROVED

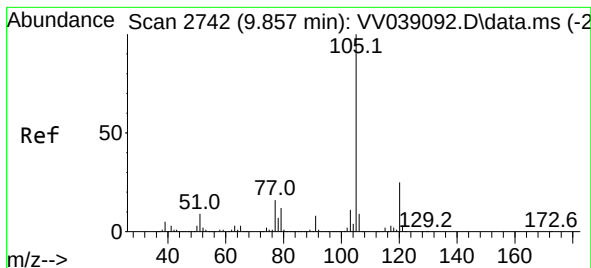
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#59
Bromoform
Concen: 0.484 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.013 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.8	58.2
254	6.3	6.8	10.2





#60

Isopropylbenzene

Concen: 0.381 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

Instrument :

MSVOA_V

ClientSampleId :

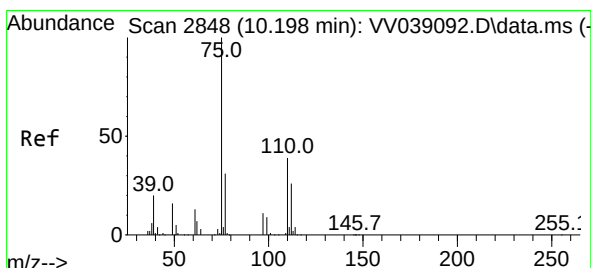
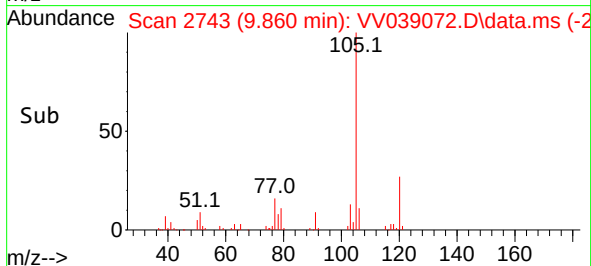
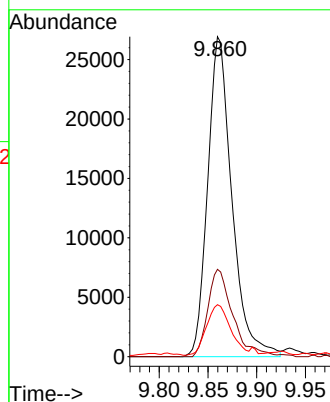
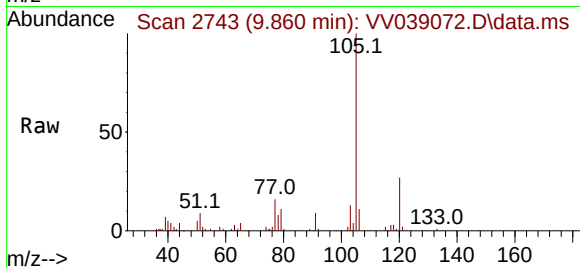
VSTD0.5258

Tgt Ion:	105	Resp:	4660
Ion Ratio	Lower	Upper	
105	100		
120	27.9	20.8	31.2
77	15.6	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#61

1,2,3-Trichloropropane

Concen: 0.460 ug/L

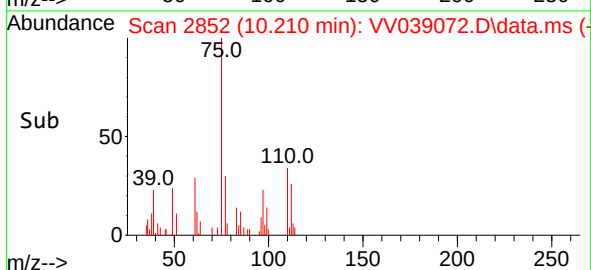
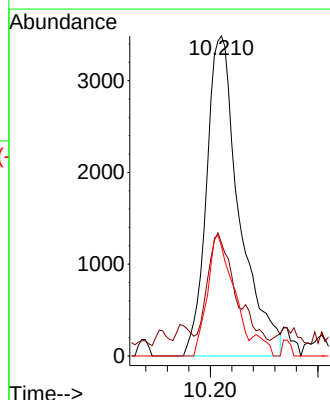
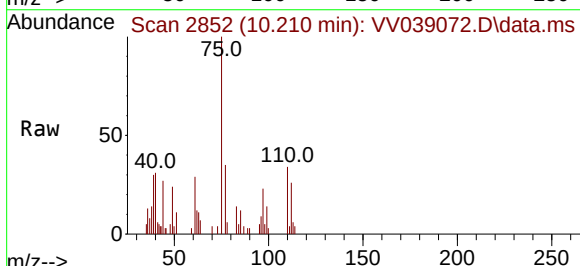
RT: 10.210 min Scan# 2852

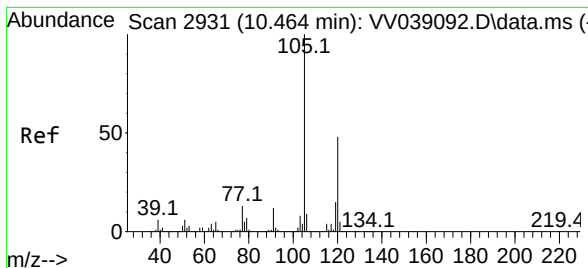
Delta R.T. 0.010 min

Lab File: VV039072.D

Acq: 15 Sep 2025 12:08

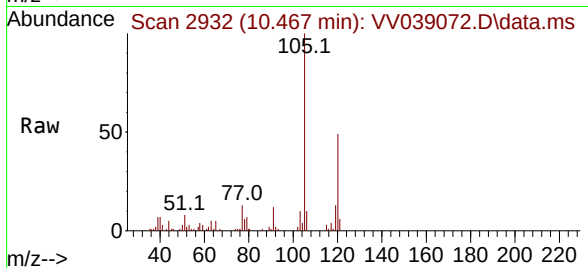
Tgt Ion:	75	Resp:	7388
Ion Ratio	Lower	Upper	
75	100		
77	27.4	25.1	37.7
110	29.5	31.0	46.4





#62
1,3,5-Trimethylbenzene
Concen: 0.353 ug/L
RT: 10.467 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

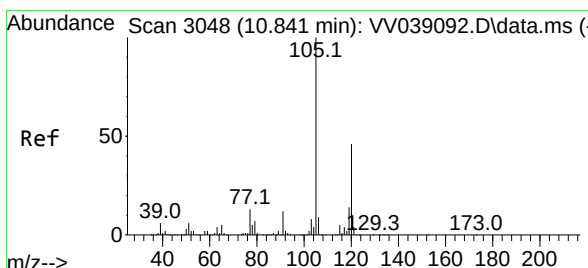
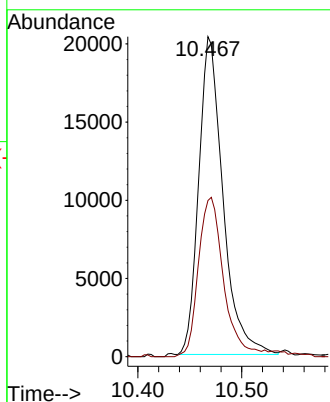
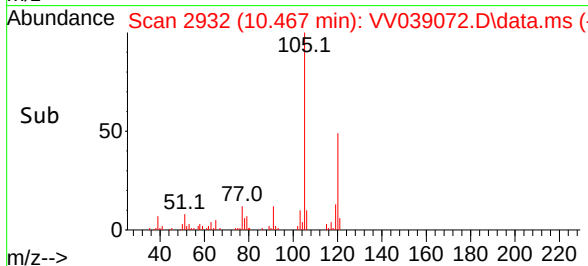
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



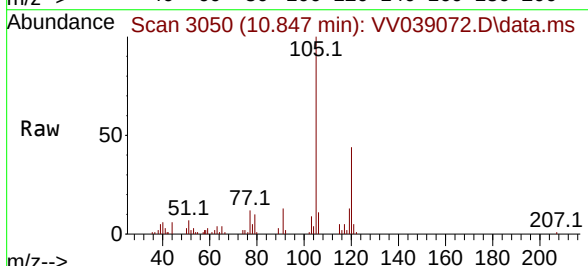
Tgt Ion:105 Resp: 3285
Ion Ratio Lower Upper
105 100
120 52.5 39.1 58.7

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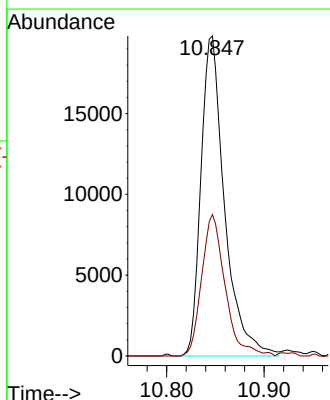
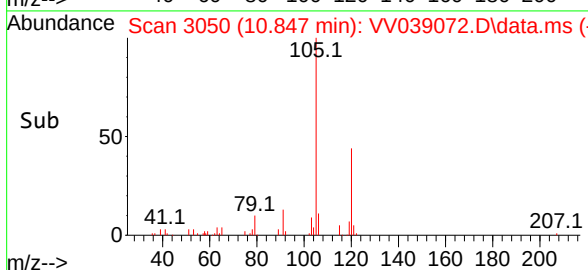
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

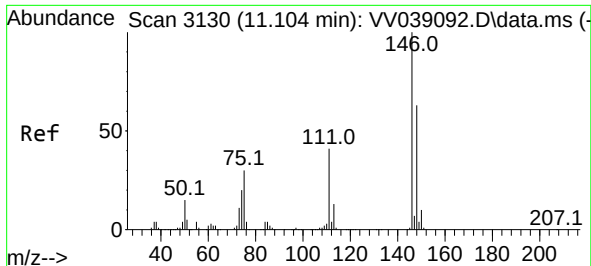


#63
1,2,4-Trimethylbenzene
Concen: 0.369 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08



Tgt Ion:105 Resp: 33340
Ion Ratio Lower Upper
105 100
120 43.8 36.6 54.8





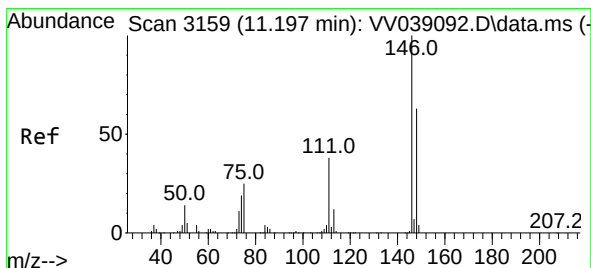
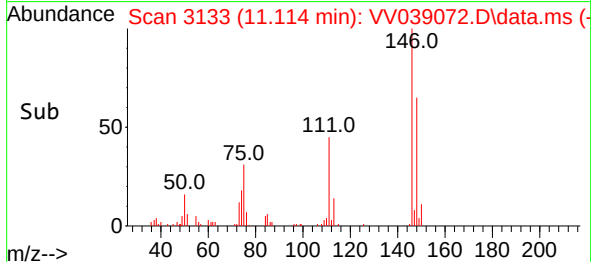
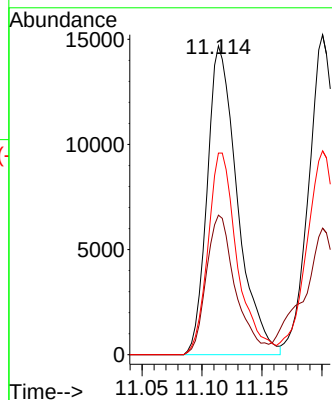
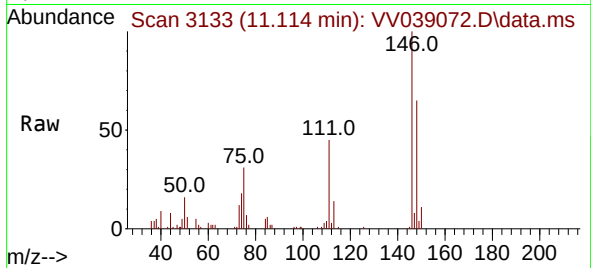
#64
1,3-Dichlorobenzene
Concen: 0.440 ug/L
RT: 11.114 min Scan# 3130
Delta R.T. 0.010 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

Tgt Ion:146 Resp: 2576
Ion Ratio Lower Upper
146 100
111 45.2 28.3 52.7
148 65.3 42.9 79.7

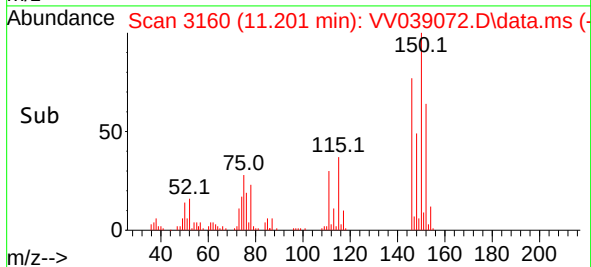
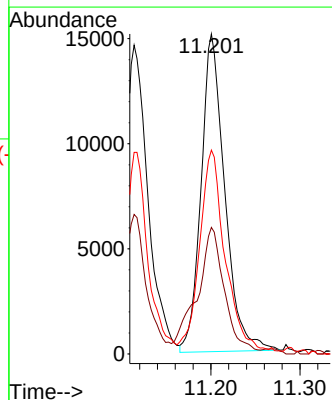
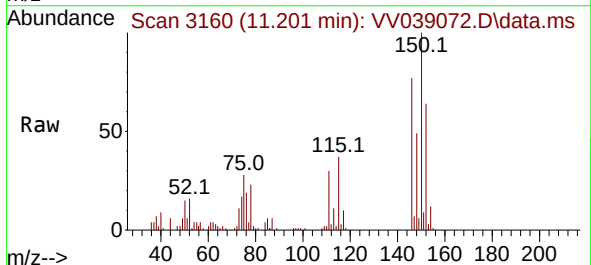
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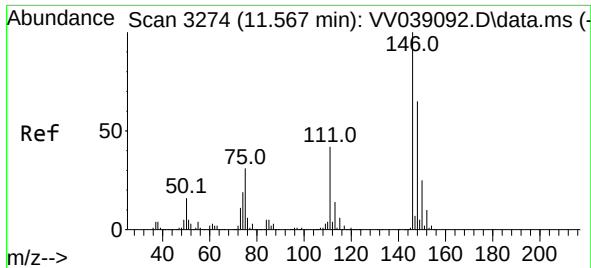
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#65
1,4-Dichlorobenzene
Concen: 0.463 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Tgt Ion:146 Resp: 27921
Ion Ratio Lower Upper
146 100
111 39.6 27.2 50.6
148 63.7 43.8 81.4





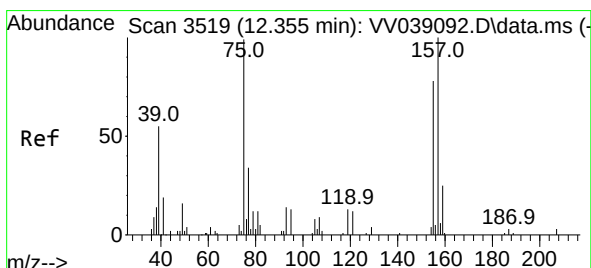
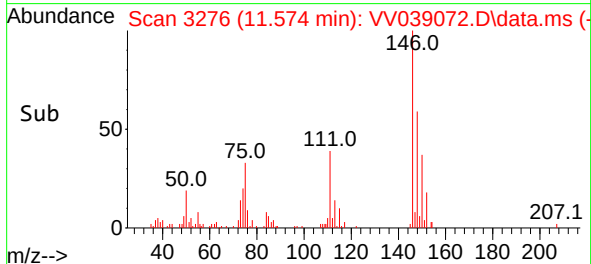
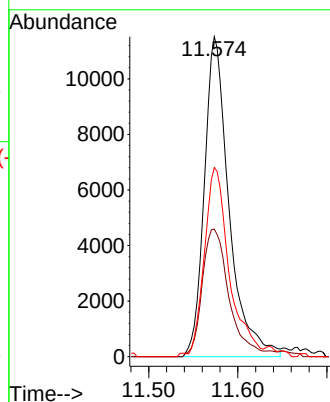
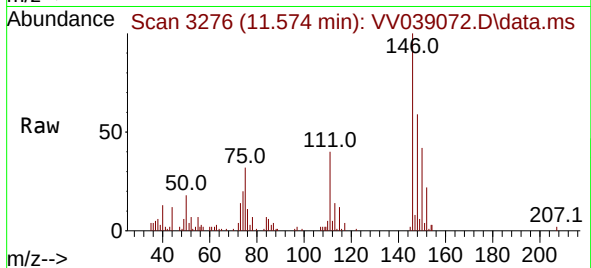
#67
1,2-Dichlorobenzene
Concen: 0.426 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

Tgt Ion:146 Resp: 2219
Ion Ratio Lower Upper
146 100
111 39.9 33.4 50.2
148 59.1 51.1 76.7

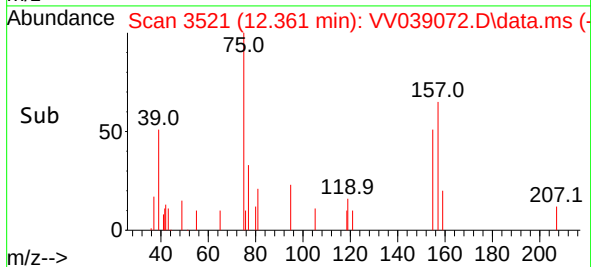
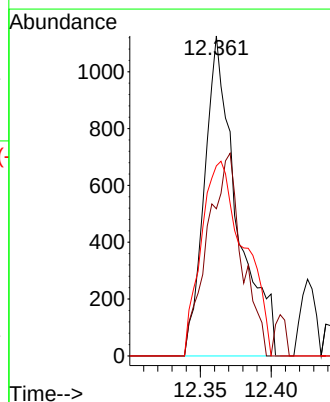
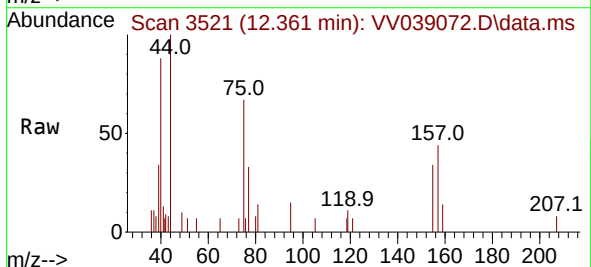
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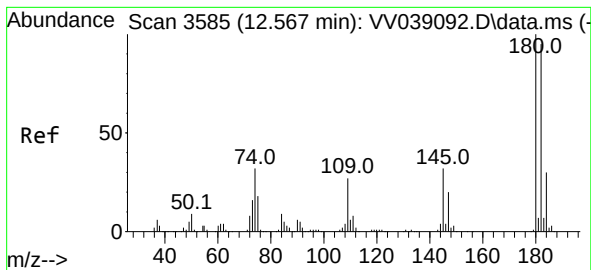
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 0.526 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.006 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

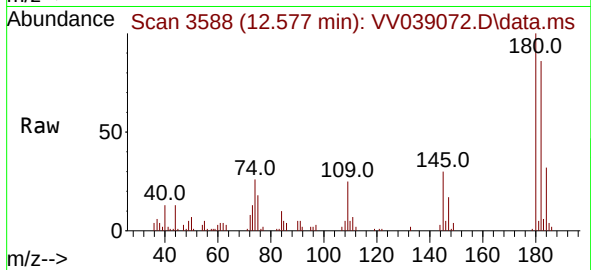
Tgt Ion: 75 Resp: 1791
Ion Ratio Lower Upper
75 100
155 46.0 59.4 89.0#
157 59.4 76.2 114.2#





#69
 1,3,5-Trichlorobenzene
 Concen: 0.477 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. 0.006 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08

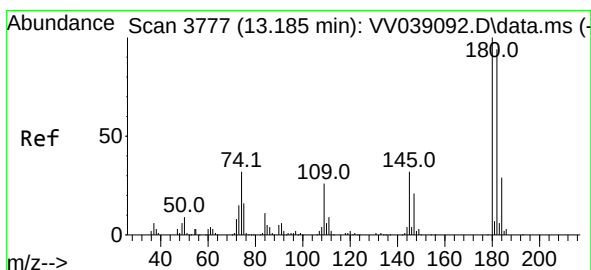
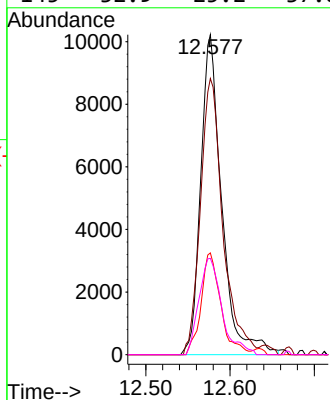
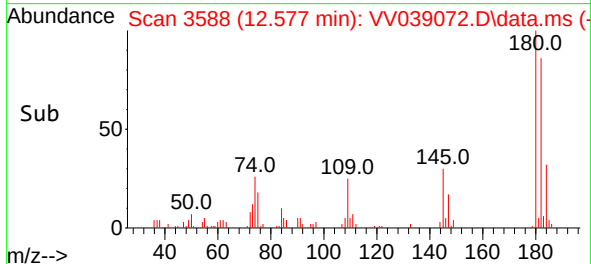
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258



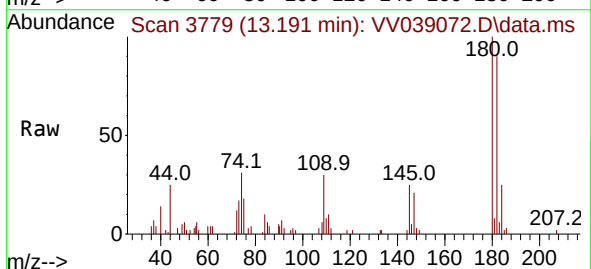
Tgt Ion:180 Resp: 17750
 Ion Ratio Lower Upper
 180 100
 182 92.0 76.3 114.5
 184 29.7 24.0 36.0
 145 32.9 25.2 37.8

Manual Integrations
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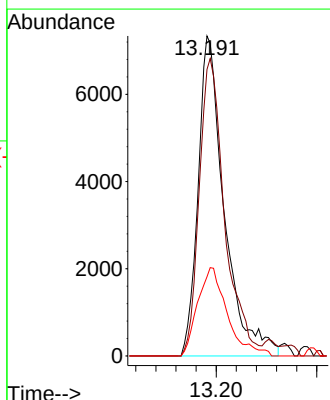
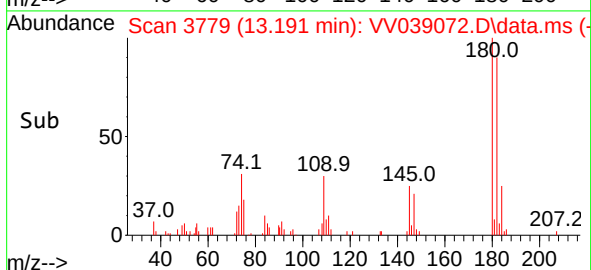
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

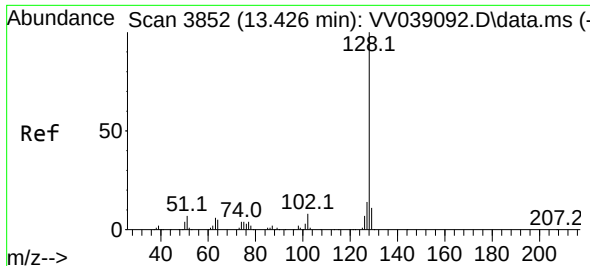


#70
 1,2,4-trichlorobenzene
 Concen: 0.462 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.003 min
 Lab File: VV039072.D
 Acq: 15 Sep 2025 12:08



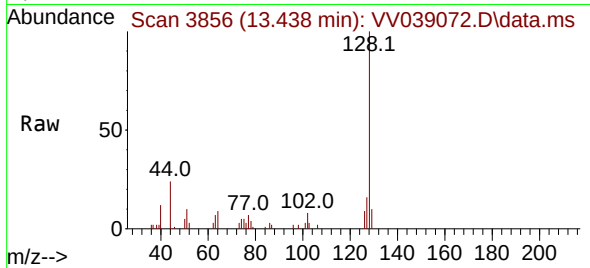
Tgt Ion:180 Resp: 13227
 Ion Ratio Lower Upper
 180 100
 182 90.4 73.2 109.8
 145 31.3 25.0 37.4





#71
Naphthalene
Concen: 0.382 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. 0.013 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08

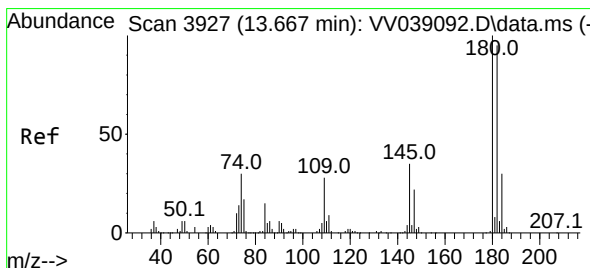
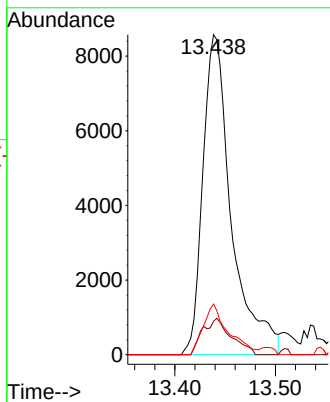
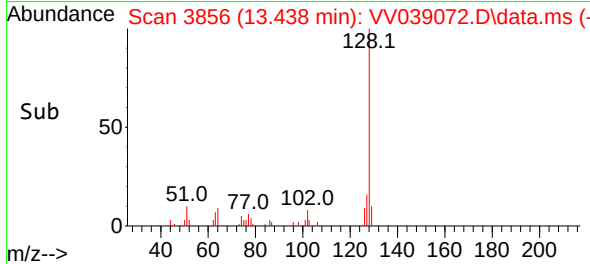
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258



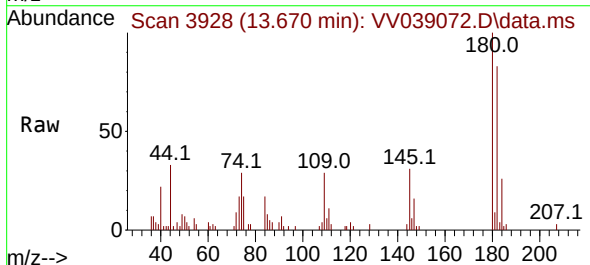
Tgt Ion:128 Resp: 1692
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.0 10.8 16.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#72
1,2,3-Trichlorobenzene
Concen: 0.458 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.003 min
Lab File: VV039072.D
Acq: 15 Sep 2025 12:08



Tgt Ion:180 Resp: 11725
Ion Ratio Lower Upper
180 100
182 85.1 76.6 115.0
145 38.1 27.4 41.2

