

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039067.D
 Acq On : 15 Sep 2025 09:55
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254

Quant Time: Sep 16 01:36:39 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

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)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	366192	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	377065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	160227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	27368	0.919	ug/L	0.00
7) Chloroethane-d5	1.545	69	22750	0.875	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	13120	0.949	ug/L	0.00
20) 2-Butanone-d5	3.850	46	34037m	8.520	ug/L	0.05
24) Chloroform-d	4.259	84	52627	0.932	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.956	65	21506	0.925	ug/L	0.01
32) Benzene-d6	4.963	84	82965	0.784	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	26491	0.868	ug/L	0.00
41) Toluene-d8	7.243	98	69781	0.736	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	9025	0.796	ug/L	0.01
46) 2-Hexanone-d5	8.030	63	24602m	6.962	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.146	84	18764	0.814	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	23257	0.886	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	38397	0.938	ug/L	100
3) Chloromethane	1.227	50	39047	0.968	ug/L	100
5) Vinyl chloride	1.294	62	40770	0.954	ug/L	99
6) Bromomethane	1.500	94	21598	0.909	ug/L	97
8) Chloroethane	1.561	64	24790	0.927	ug/L	98
9) Trichlorofluoromethane	1.725	101	53164	0.910	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	33854	0.945	ug/L	98
12) 1,1-Dichloroethene	2.079	96	29003	0.890	ug/L	94
13) Acetone	2.140	43	34008	8.757	ug/L	94
14) Carbon disulfide	2.252	76	100868	0.946	ug/L	99
15) Methyl Acetate	2.404	43	9584m	0.979	ug/L	
16) Methylene chloride	2.458	84	34768	0.759	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	45057	0.803	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	28749	0.875	ug/L	98
19) 1,1-Dichloroethane	3.117	63	55670	0.929	ug/L	98
21) 2-Butanone	3.931	43	43798m	9.972	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	25182	0.796	ug/L	99
23) Bromochloromethane	4.165	128	13350	0.944	ug/L	88
25) Chloroform	4.278	83	57649	0.918	ug/L	100
27) 1,2-Dichloroethane	5.059	62	25703	0.810	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	49119	0.840	ug/L	97
30) Cyclohexane	4.583	56	35392	0.705	ug/L	94
31) Carbon tetrachloride	4.735	117	46902	0.927	ug/L	97
33) Benzene	5.018	78	100822	0.780	ug/L	100
34) Trichloroethene	5.841	95	29339	0.844	ug/L	97
35) Methylcyclohexane	6.043	83	37829	0.709	ug/L	94
37) 1,2-Dichloropropane	6.098	63	26478	0.831	ug/L #	90
38) Bromodichloromethane	6.436	83	38725	0.893	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	31434	0.729	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	95150m	7.508	ug/L	
42) Toluene	7.313	91	101035	0.747	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	26847	0.738	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039067.D
 Acq On : 15 Sep 2025 09:55
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254

Manual Integrations
 APPROVED

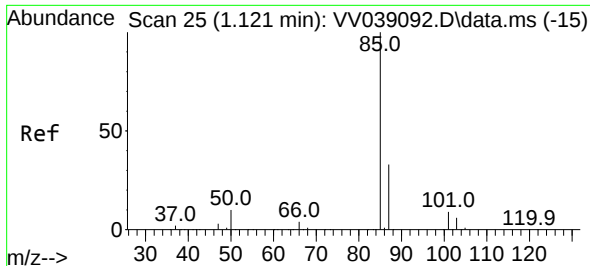
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:36:39 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)

45) 1,1,2-Trichloroethane	7.767	97	19958	0.874	ug/L	95
47) Tetrachloroethene	7.898	164	22667	0.844	ug/L	96
48) 2-Hexanone	8.079	43	66832m	7.995	ug/L	
49) Dibromochloromethane	8.169	129	23267	0.850	ug/L	99
50) 1,2-Dibromoethane	8.284	107	17123	0.824	ug/L	97
51) Chlorobenzene	8.805	112	71209	0.807	ug/L	97
52) Ethylbenzene	8.940	91	98366	0.701	ug/L	99
53) m,p-Xylene	9.069	106	38372	0.705	ug/L	99
54) o-Xylene	9.471	106	34811	0.707	ug/L	97
55) Styrene	9.493	104	57219m	0.667	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.168	83	21508	0.816	ug/L	89
59) Bromoform	9.664	173	11449	0.937	ug/L #	96
60) Isopropylbenzene	9.857	105	89604	0.754	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	13240	0.849	ug/L	97
62) 1,3,5-Trimethylbenzene	10.467	105	69613	0.770	ug/L	97
63) 1,2,4-Trimethylbenzene	10.844	105	63778	0.727	ug/L	96
64) 1,3-Dichlorobenzene	11.111	146	48419	0.852	ug/L	96
65) 1,4-Dichlorobenzene	11.201	146	50620	0.865	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	44099	0.871	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2808	0.850	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	30621	0.847	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	22087	0.794	ug/L	90
71) Naphthalene	13.435	128	33064	0.768	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	19031	0.766	ug/L	95

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



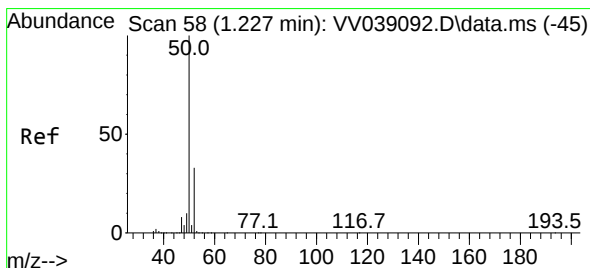
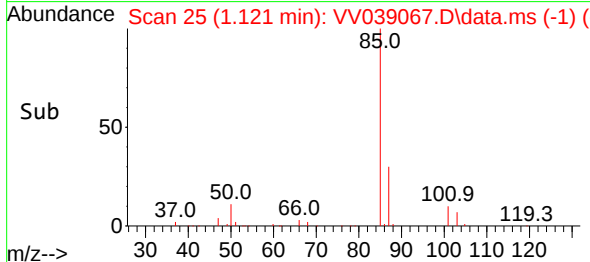
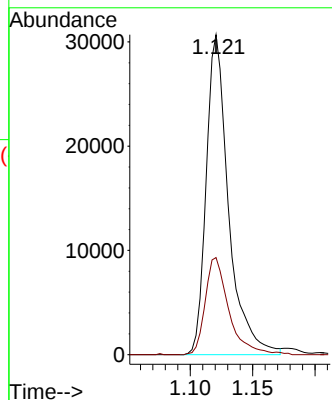
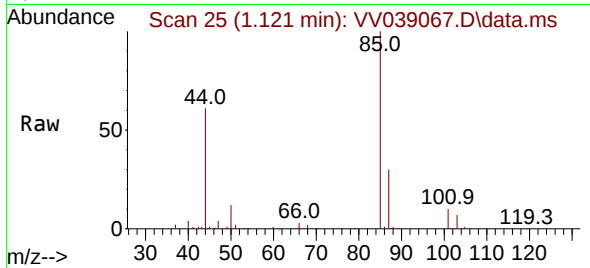
#2
Dichlorodifluoromethane
Concen: 0.938 ug/L
RT: 1.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion: 85 Resp: 3839
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9

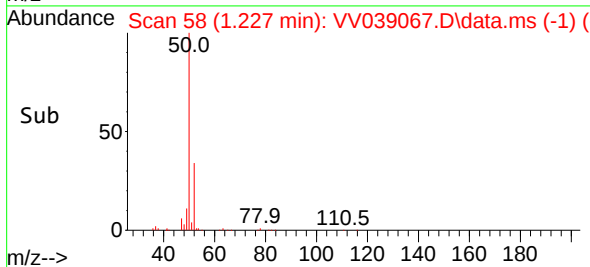
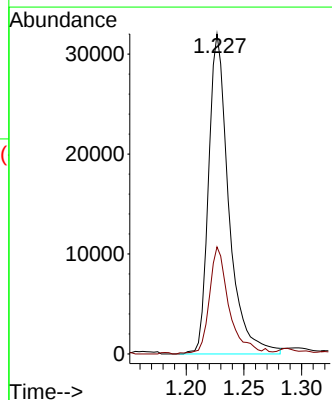
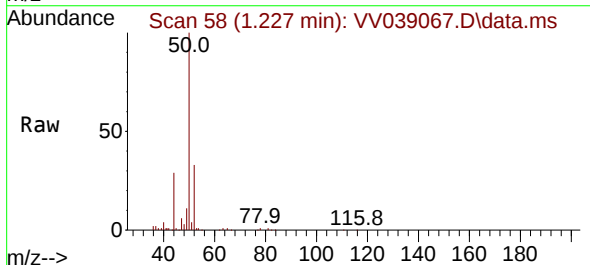
Manual Integrations
APPROVED

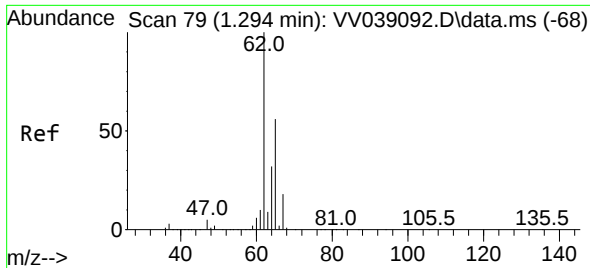
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#3
Chloromethane
Concen: 0.968 ug/L
RT: 1.227 min Scan# 58
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

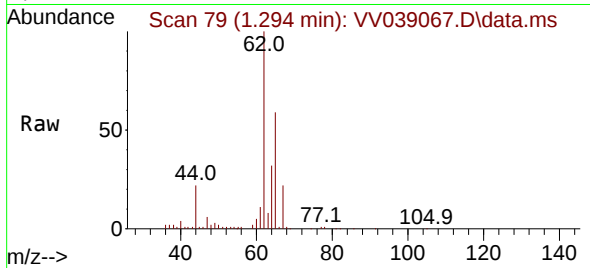
Tgt Ion: 50 Resp: 39047
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.6





#5
 Vinyl chloride
 Concen: 0.954 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039067.D
 Acq: 15 Sep 2025 09:55

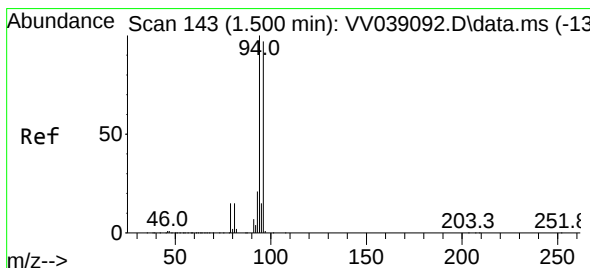
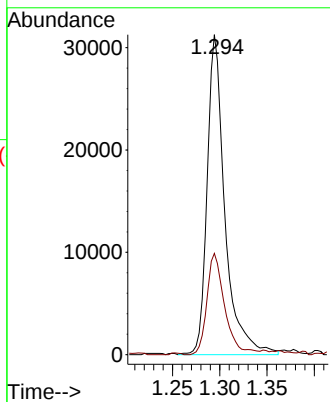
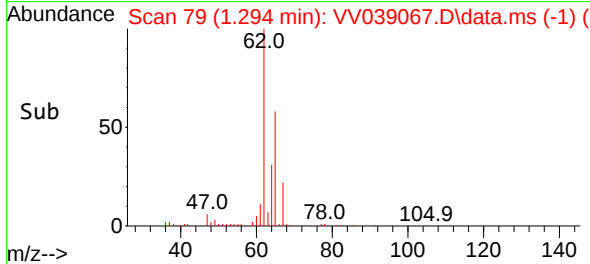
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254



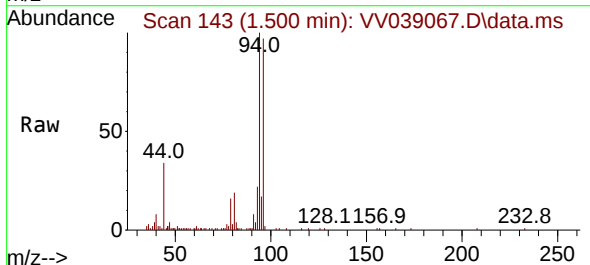
Tgt Ion: 62 Resp: 40770
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.4 41.6

Manual Integrations
 APPROVED

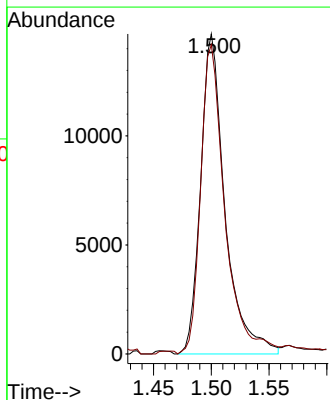
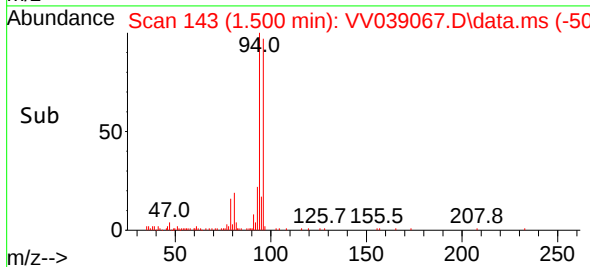
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

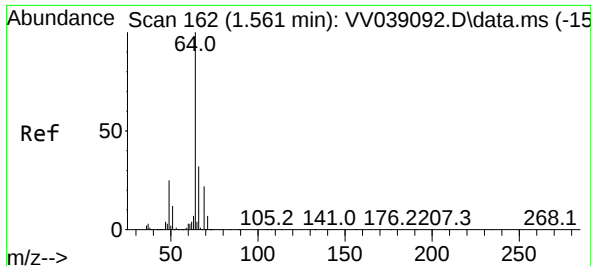


#6
 Bromomethane
 Concen: 0.909 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039067.D
 Acq: 15 Sep 2025 09:55



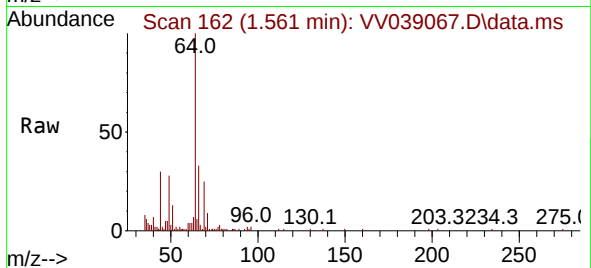
Tgt Ion: 94 Resp: 21598
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.9 122.5





#8
Chloroethane
Concen: 0.927 ug/L
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

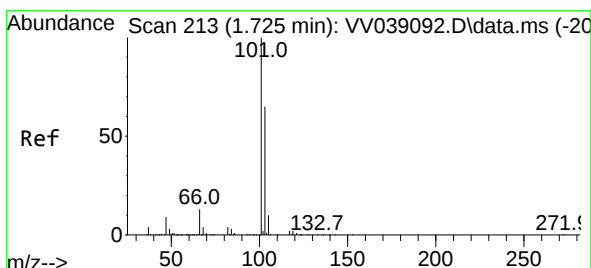
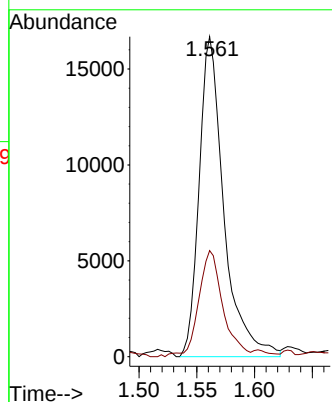
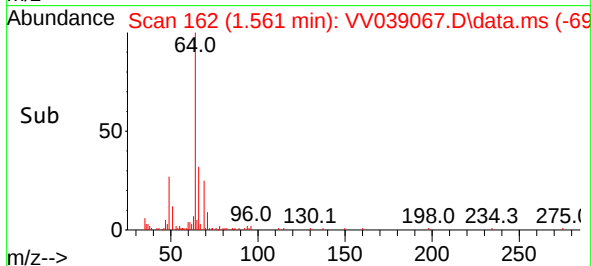
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



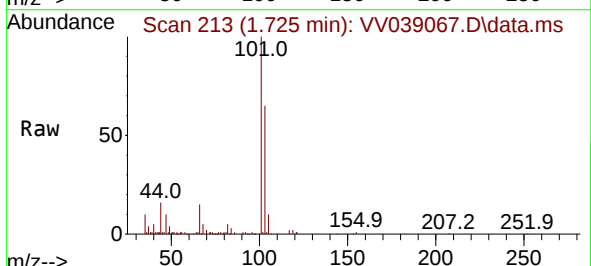
Tgt Ion: 64 Resp: 24790
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.5

Manual Integrations
APPROVED

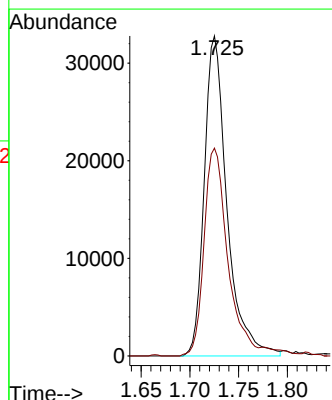
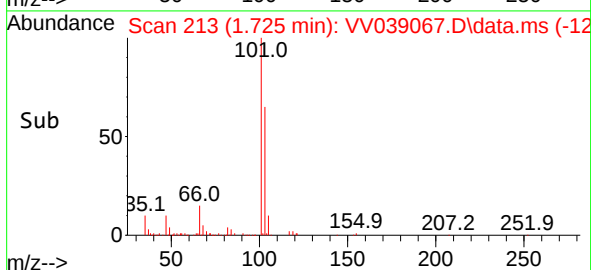
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

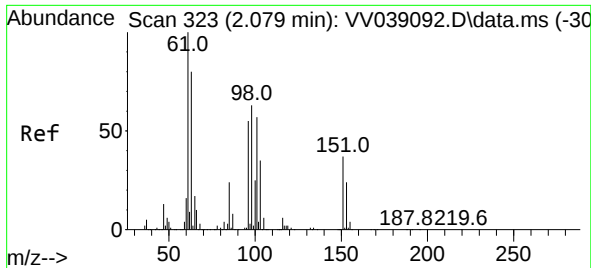


#9
Trichlorofluoromethane
Concen: 0.910 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55



Tgt Ion:101 Resp: 53164
Ion Ratio Lower Upper
101 100
103 69.8 50.7 76.1





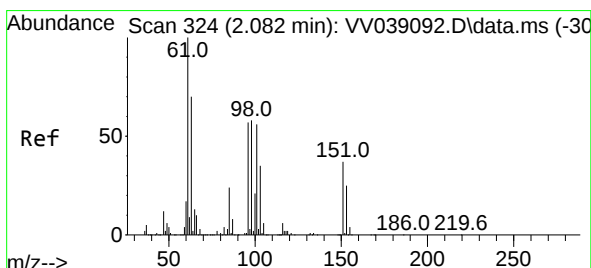
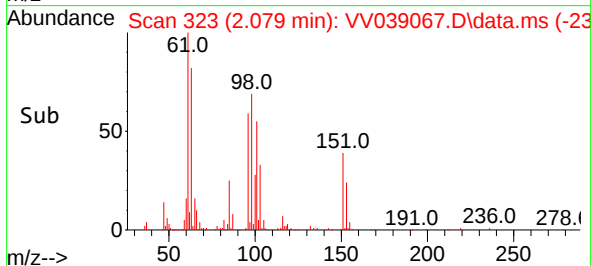
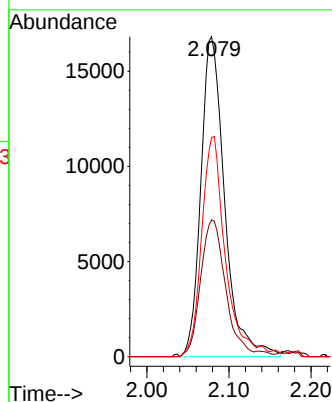
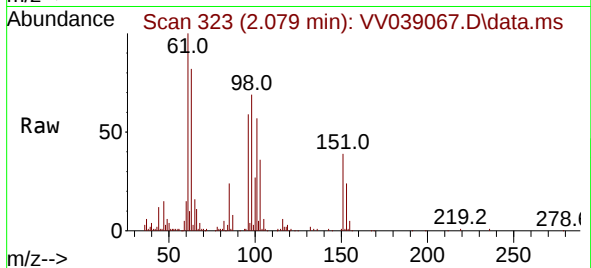
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.945 ug/L
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion:101 Resp: 33854
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.0
151 67.3 55.4 83.0

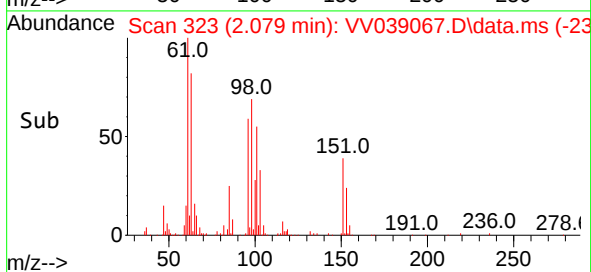
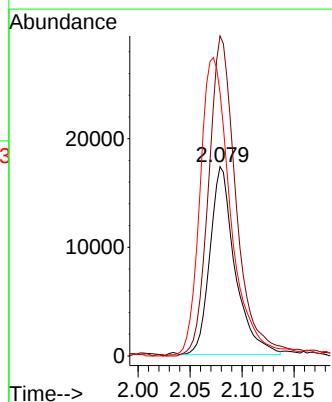
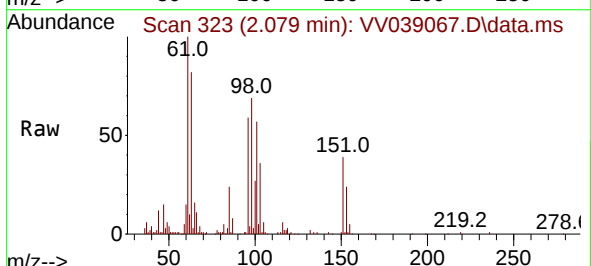
Manual Integrations
APPROVED

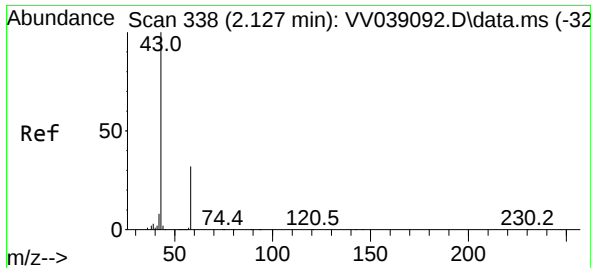
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#12
1,1-Dichloroethene
Concen: 0.890 ug/L
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion: 96 Resp: 29003
Ion Ratio Lower Upper
96 100
61 169.1 124.7 231.7
63 139.0 93.5 173.7





#13

Acetone

Concen: 8.757 ug/L

RT: 2.140 min Scan# 342

Delta R.T. 0.003 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

Tgt Ion: 43 Resp: 3400

Ion Ratio Lower Upper

43 100

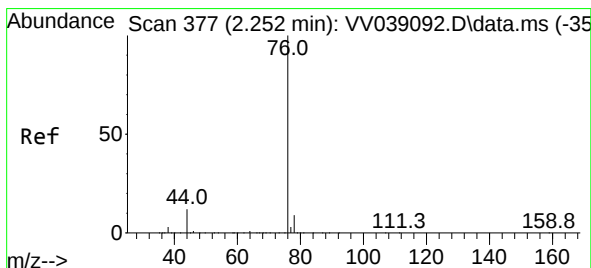
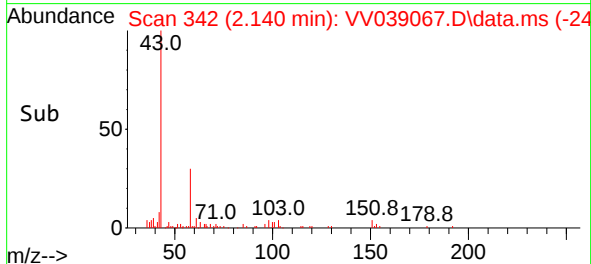
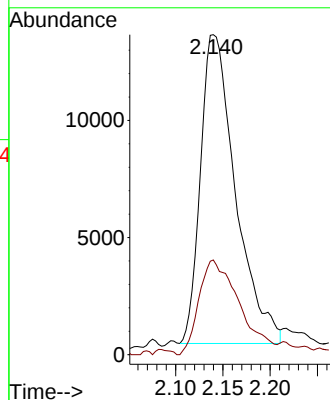
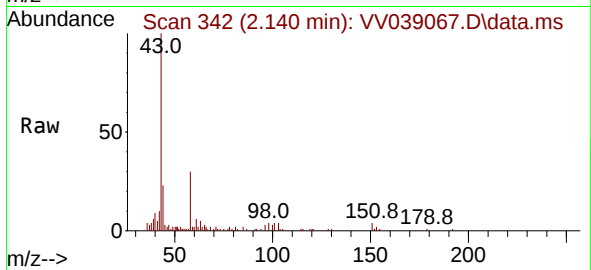
58 35.5 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#14

Carbon disulfide

Concen: 0.946 ug/L

RT: 2.252 min Scan# 377

Delta R.T. 0.000 min

Lab File: VV039067.D

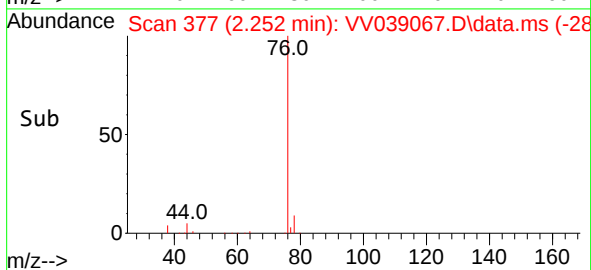
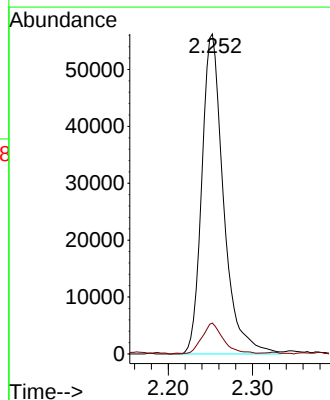
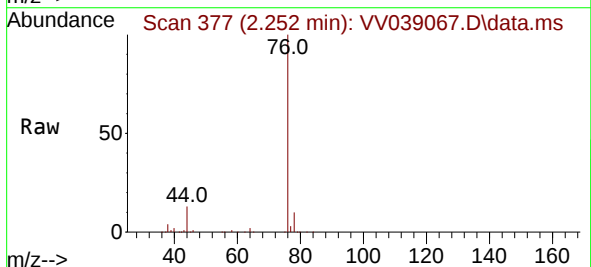
Acq: 15 Sep 2025 09:55

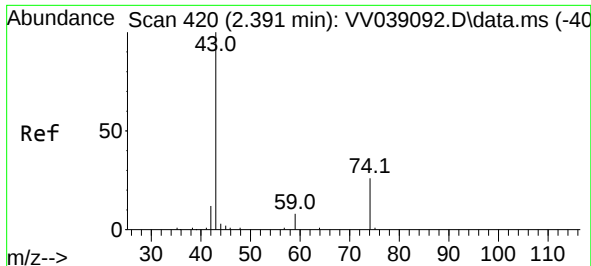
Tgt Ion: 76 Resp: 100868

Ion Ratio Lower Upper

76 100

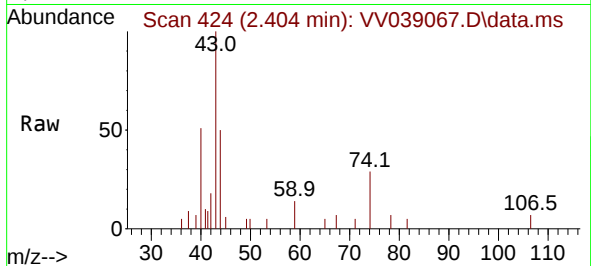
78 9.7 7.4 11.2





#15
Methyl Acetate
Concen: 0.979 ug/L m
RT: 2.404 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

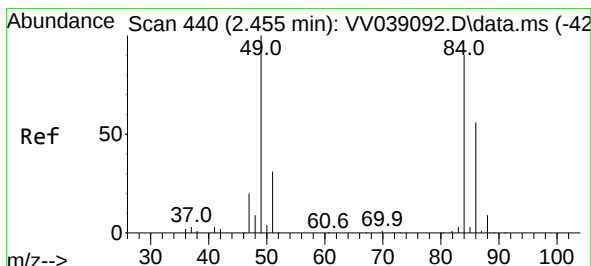
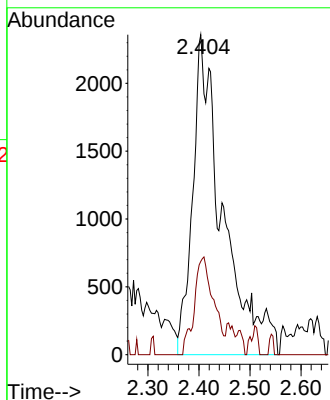
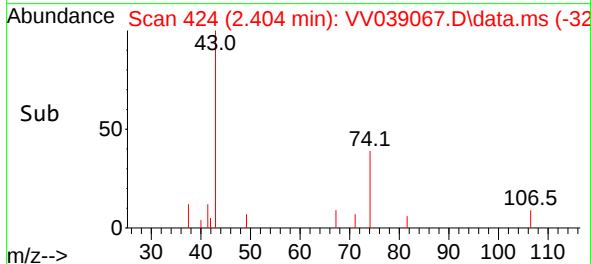
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



Tgt Ion: 43 Resp: 9584
Ion Ratio Lower Upper
43 100
74 19.9 18.8 28.2

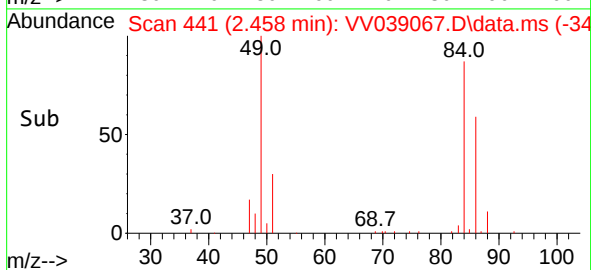
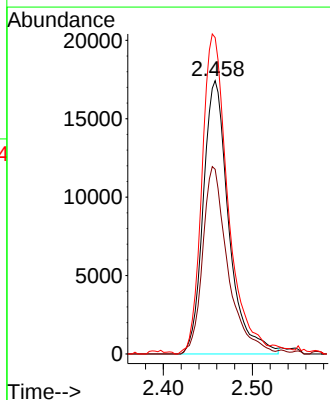
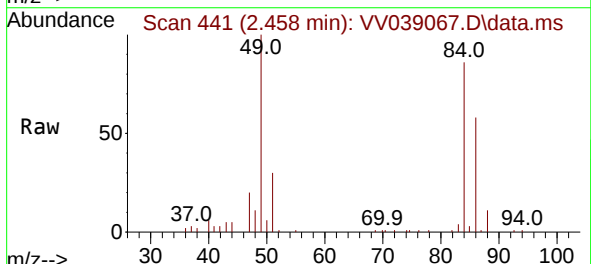
Manual Integrations
APPROVED

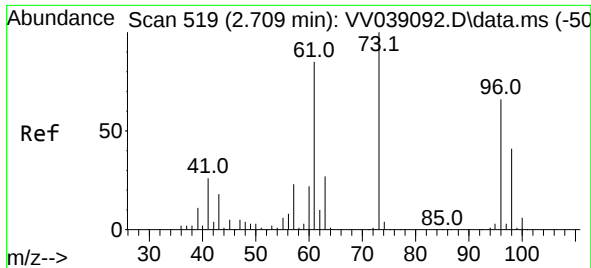
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#16
Methylene chloride
Concen: 0.759 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

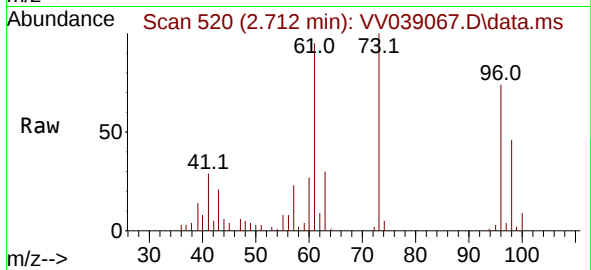
Tgt Ion: 84 Resp: 34768
Ion Ratio Lower Upper
84 100
86 67.6 44.2 82.2
49 115.7 80.6 149.6





#17
Methyl tert-butyl Ether
Concen: 0.803 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

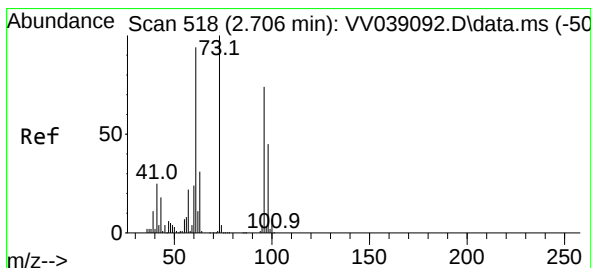
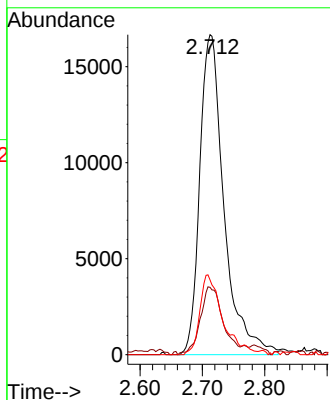
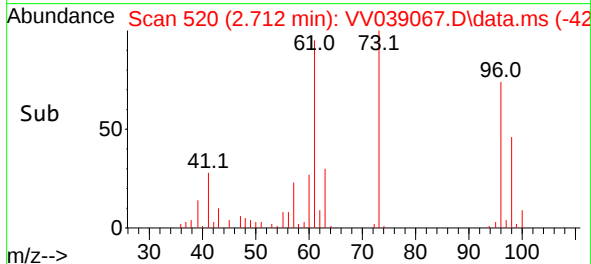
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



Tgt Ion: 73 Resp: 4505
Ion Ratio Lower Upper
73 100
43 19.7 14.7 22.1
57 22.3 18.0 27.0

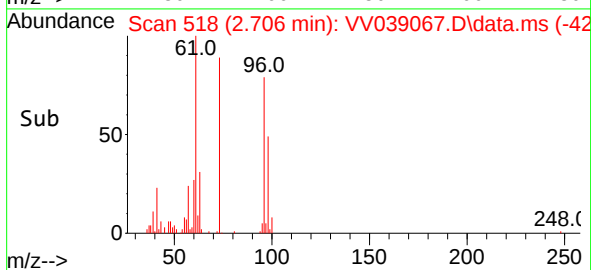
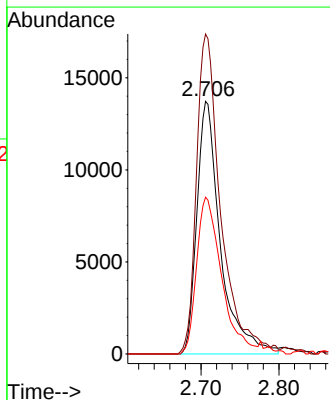
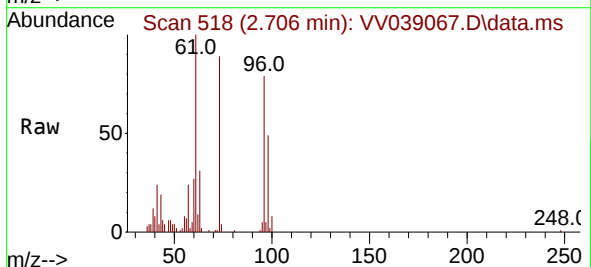
Manual Integrations
APPROVED

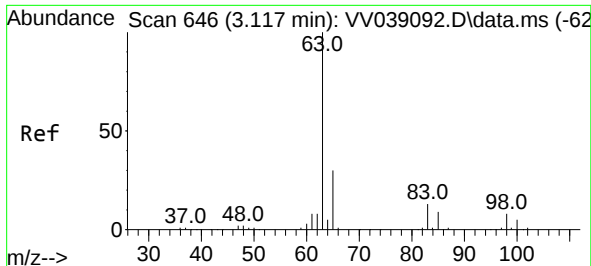
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#18
trans-1,2-Dichloroethene
Concen: 0.875 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion: 96 Resp: 28749
Ion Ratio Lower Upper
96 100
61 126.6 89.7 166.5
98 62.1 44.9 83.3





#19

1,1-Dichloroethane

Concen: 0.929 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

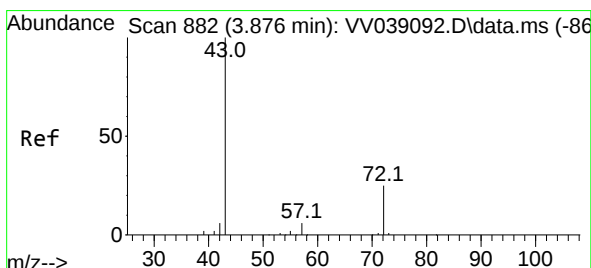
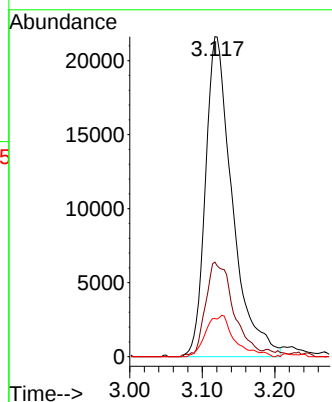
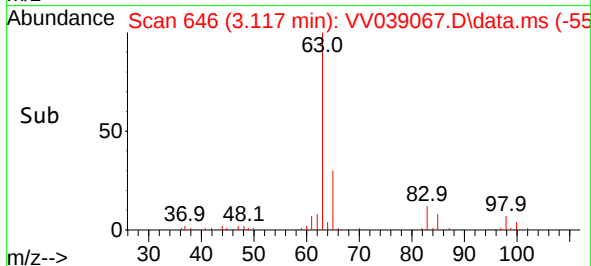
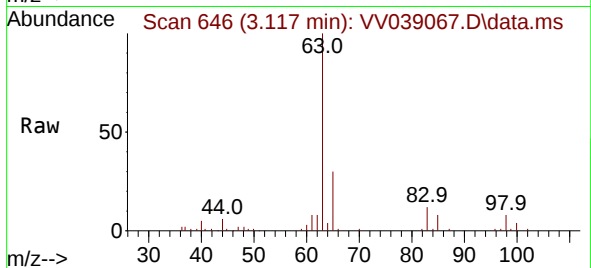
VSTD001254

Tgt Ion: 63	Resp: 55670
Ion Ratio	Lower Upper
63 100	
65 29.6	21.5 39.9
83 11.9	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: 9.972 ug/L m

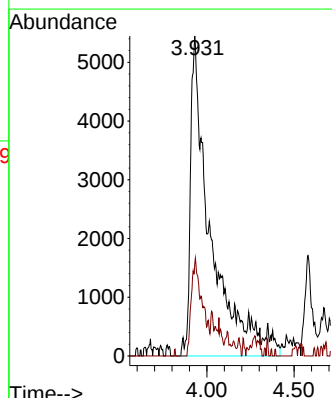
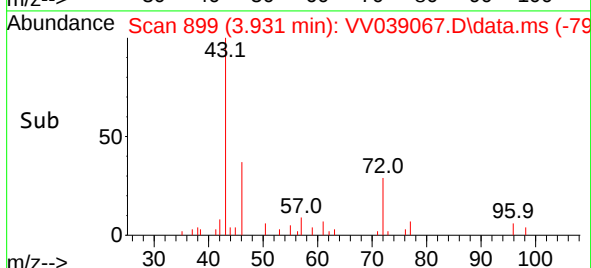
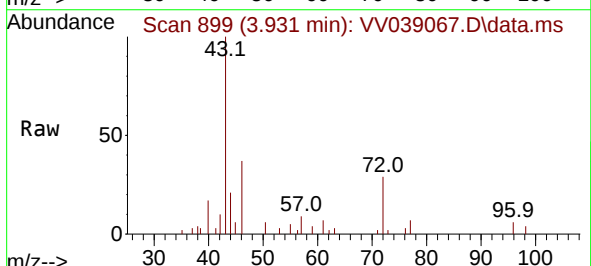
RT: 3.931 min Scan# 899

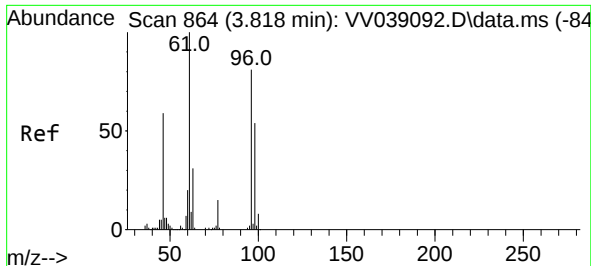
Delta R.T. 0.042 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

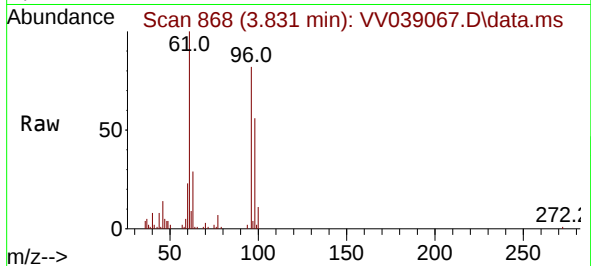
Tgt Ion: 43	Resp: 43798
Ion Ratio	Lower Upper
43 100	
72 11.2	12.0 36.0#





#22
 cis-1,2-Dichloroethene
 Concen: 0.796 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VV039067.D
 Acq: 15 Sep 2025 09:55

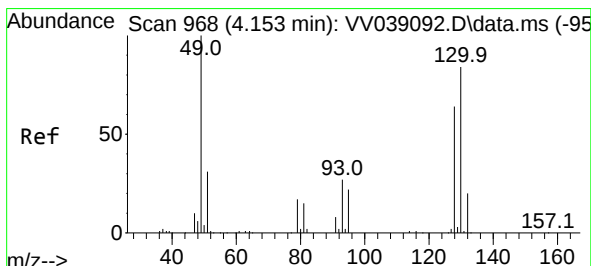
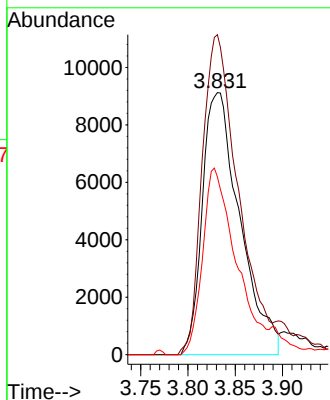
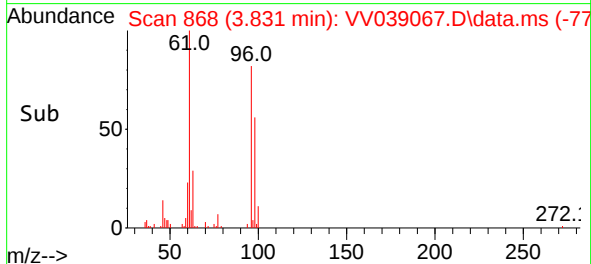
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254



Tgt Ion: 96 Resp: 2518
 Ion Ratio Lower Upper
 96 100
 61 122.1 85.4 158.6
 98 67.8 46.6 86.6

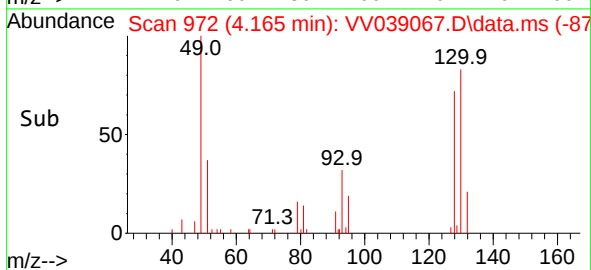
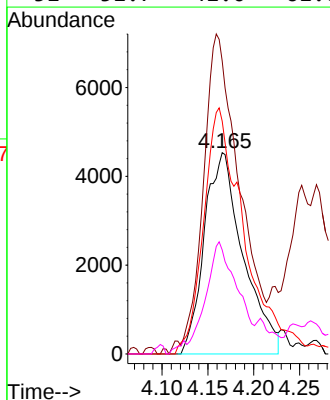
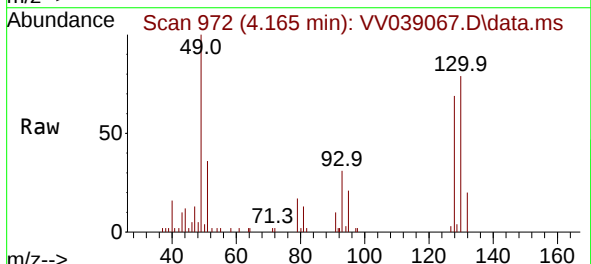
Manual Integrations
 APPROVED

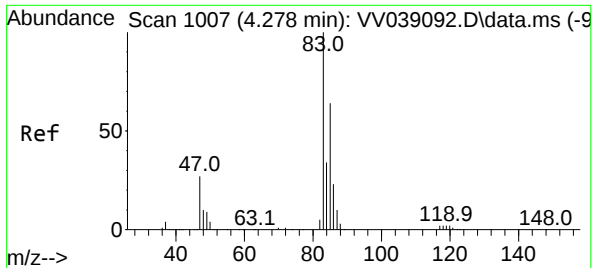
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#23
 Bromochloromethane
 Concen: 0.944 ug/L
 RT: 4.165 min Scan# 972
 Delta R.T. 0.010 min
 Lab File: VV039067.D
 Acq: 15 Sep 2025 09:55

Tgt Ion:128 Resp: 13350
 Ion Ratio Lower Upper
 128 100
 49 145.5 115.3 214.1
 130 115.7 93.2 173.0
 51 51.7 41.0 61.6





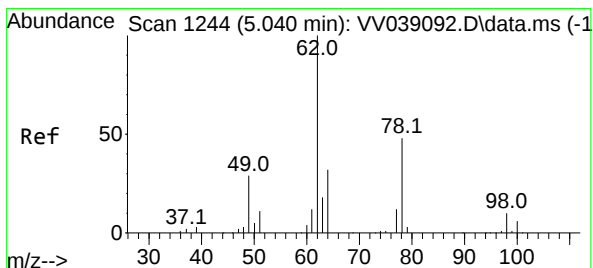
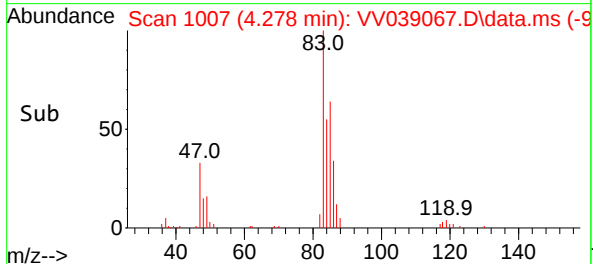
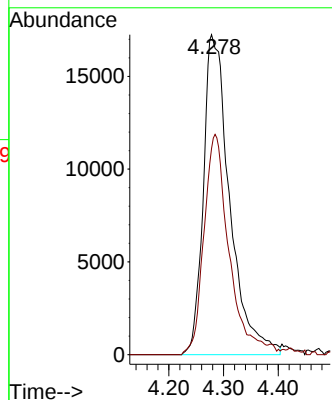
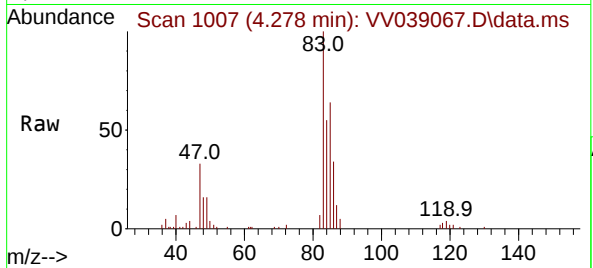
#25
Chloroform
Concen: 0.918 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion: 83 Resp: 57649
Ion Ratio Lower Upper
83 100
85 64.4 45.3 84.1

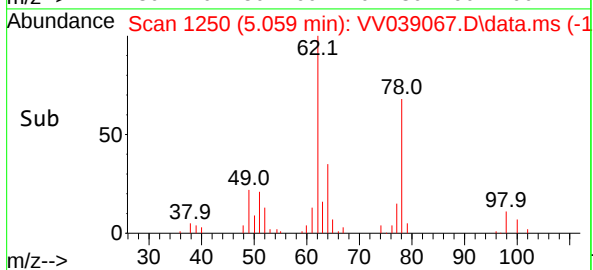
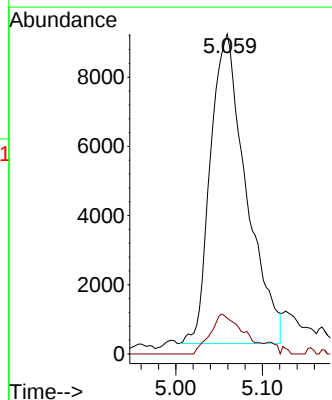
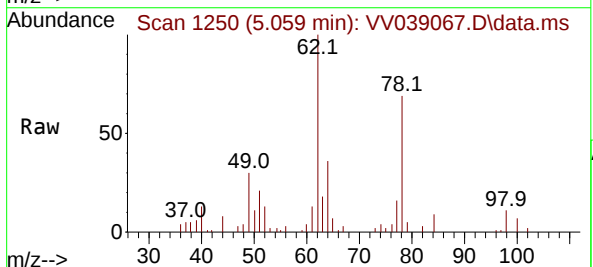
Manual Integrations
APPROVED

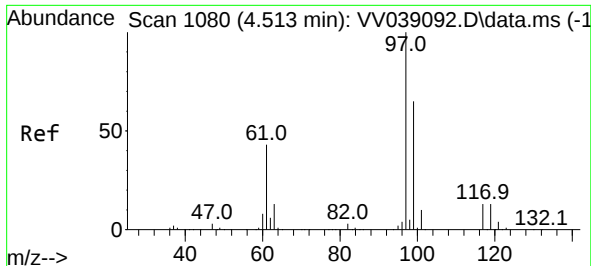
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#27
1,2-Dichloroethane
Concen: 0.810 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. 0.016 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion: 62 Resp: 25703
Ion Ratio Lower Upper
62 100
98 11.2 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 0.840 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

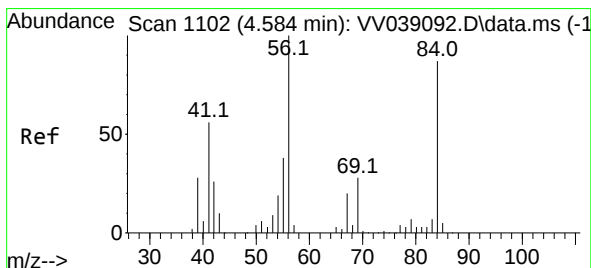
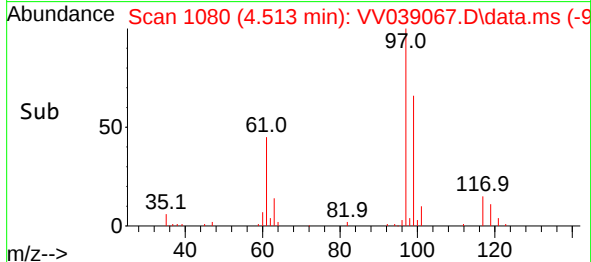
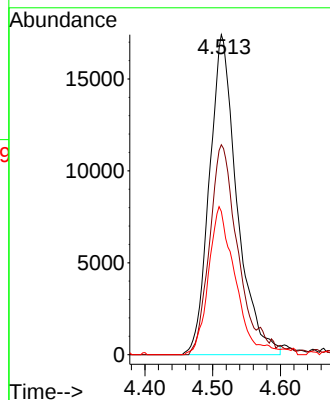
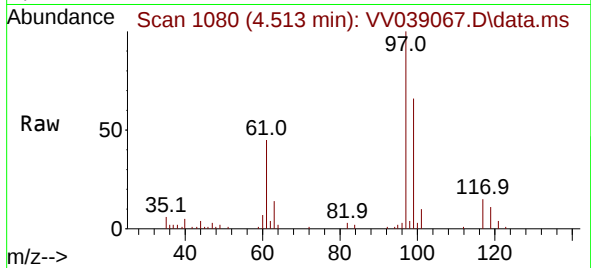
Tgt Ion: 97 Resp: 49119

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	45.0	32.9	49.3

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 0.705 ug/L

RT: 4.583 min Scan# 1102

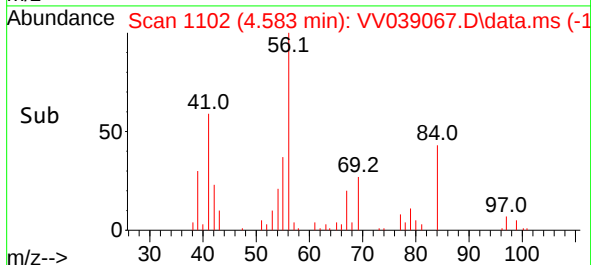
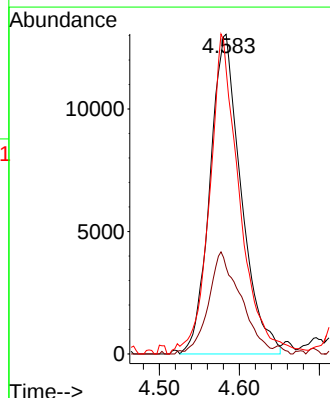
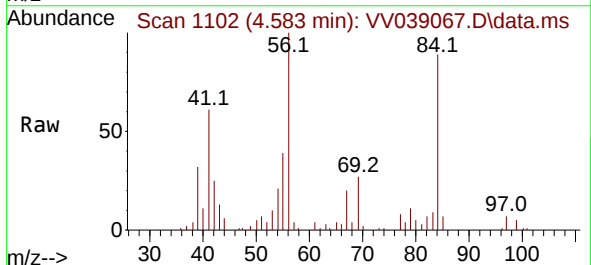
Delta R.T. -0.003 min

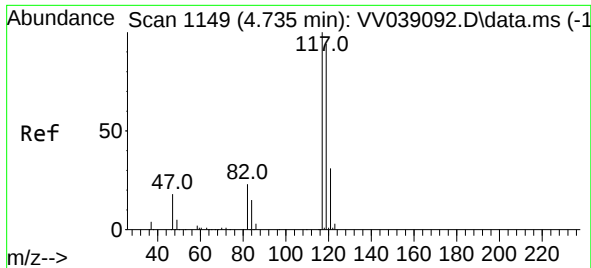
Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Tgt Ion: 56 Resp: 35392

Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.0	37.6
84	95.9	71.3	106.9





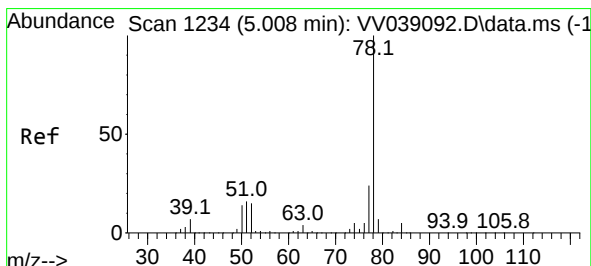
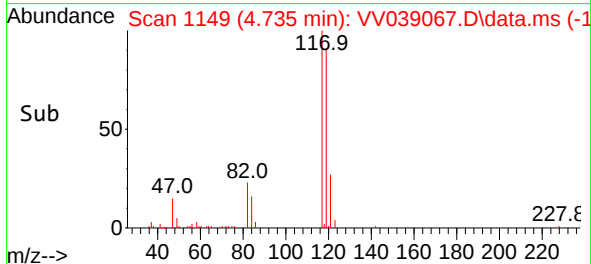
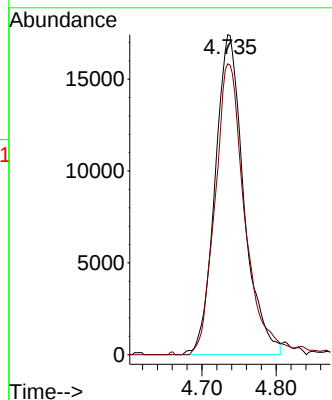
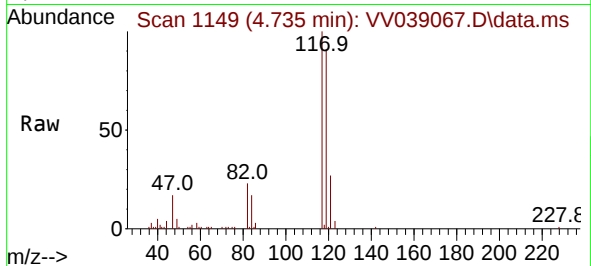
#31
Carbon tetrachloride
Concen: 0.927 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion:117 Resp: 4690
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.2

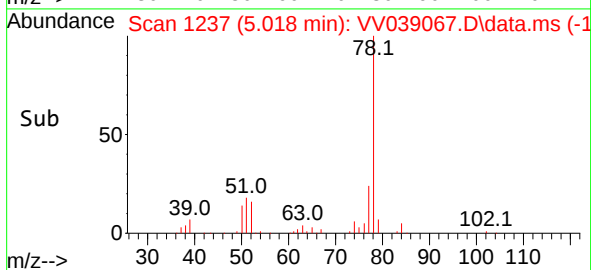
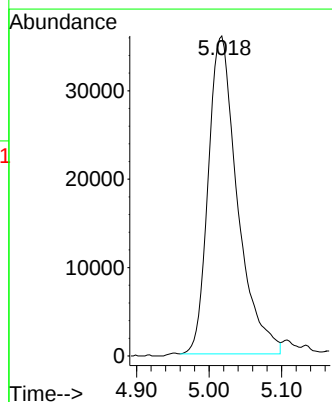
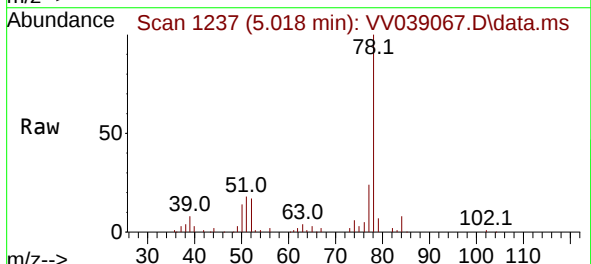
Manual Integrations
APPROVED

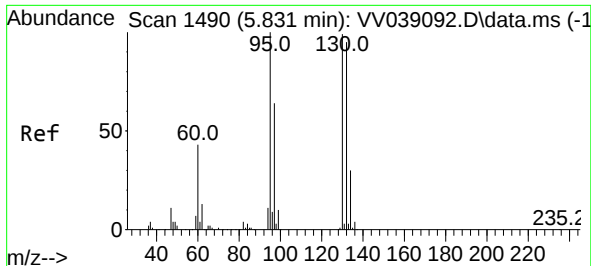
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#33
Benzene
Concen: 0.780 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

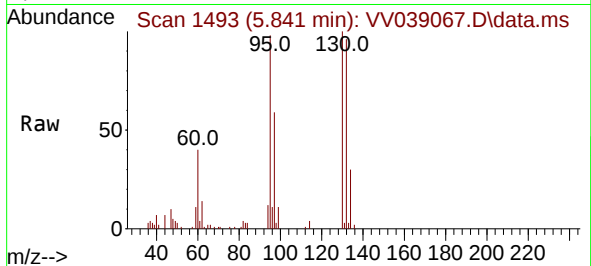
Tgt Ion: 78 Resp: 100822





#34
Trichloroethene
Concen: 0.844 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

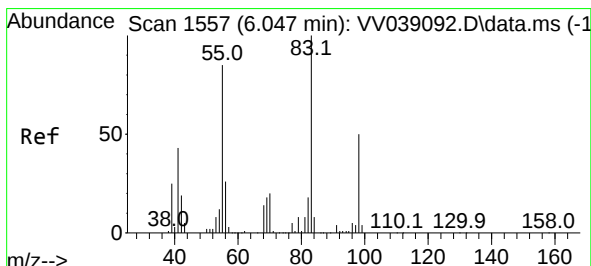
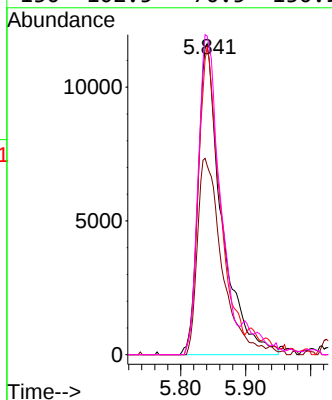
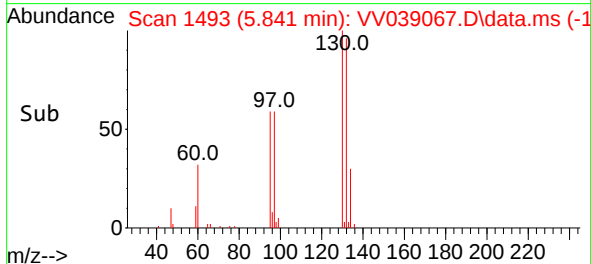
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



Tgt Ion: 95 Resp: 29339
Ion Ratio Lower Upper
95 100
97 60.8 43.3 80.5
132 98.9 65.5 121.7
130 102.5 70.5 130.9

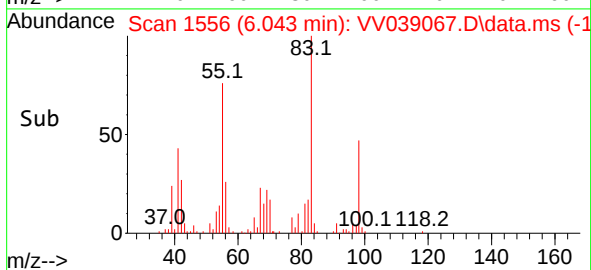
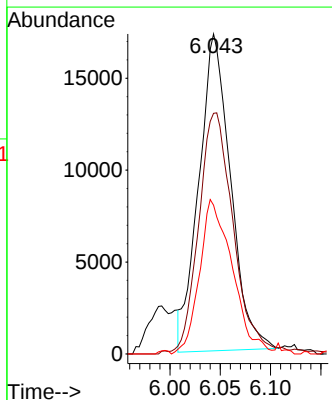
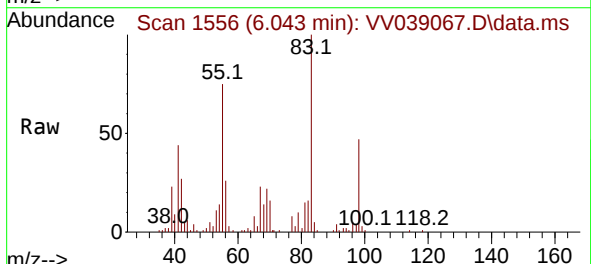
Manual Integrations
APPROVED

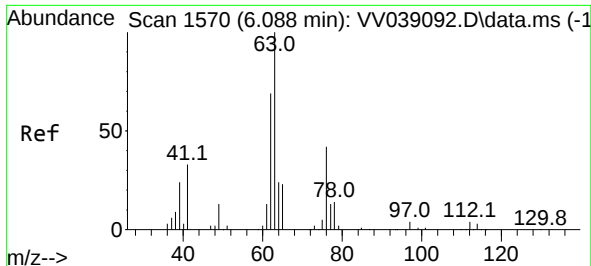
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion: 83 Resp: 37829
Ion Ratio Lower Upper
83 100
55 83.4 61.4 92.2
98 50.2 38.2 57.4





#37

1,2-Dichloropropane

Concen: 0.831 ug/L

RT: 6.098 min Scan# 1570

Delta R.T. 0.010 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

Tgt Ion: 63 Resp: 26478

Ion Ratio Lower Upper

63 100

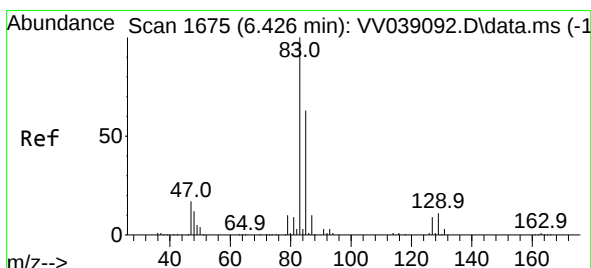
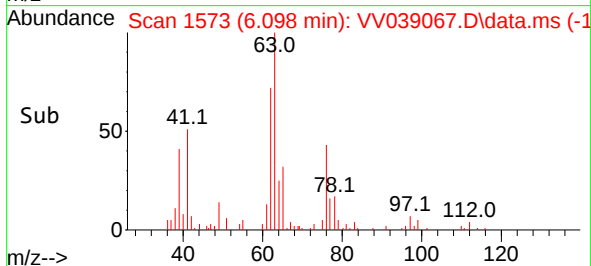
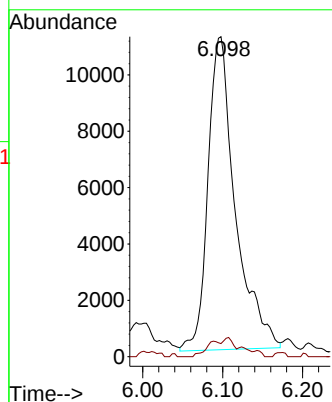
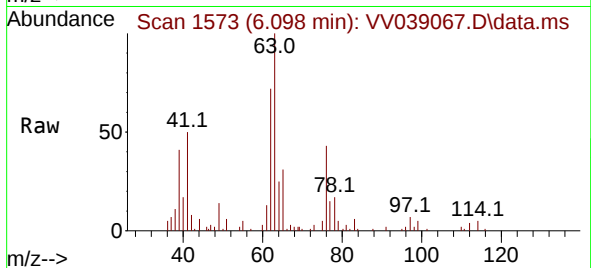
112 1.2 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#38

Bromodichloromethane

Concen: 0.893 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

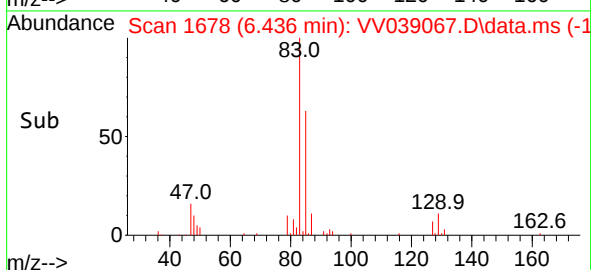
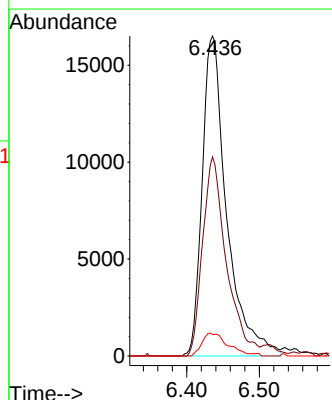
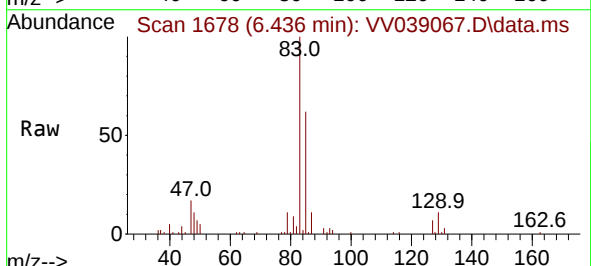
Tgt Ion: 83 Resp: 38725

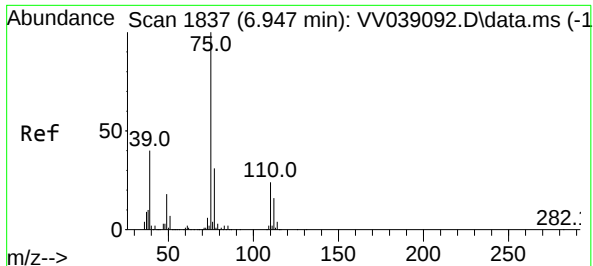
Ion Ratio Lower Upper

83 100

85 62.2 45.8 85.2

127 6.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

Tgt Ion: 75 Resp: 31434

Ion Ratio Lower Upper

75 100

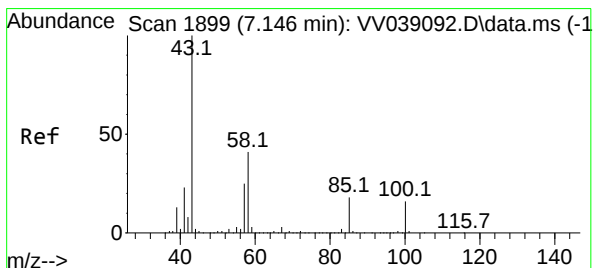
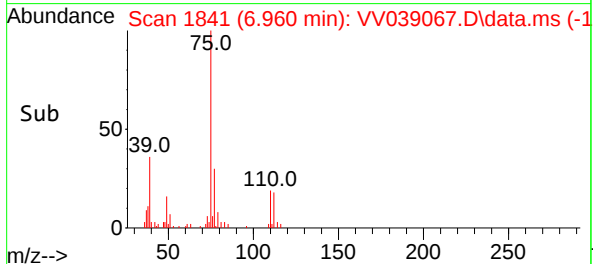
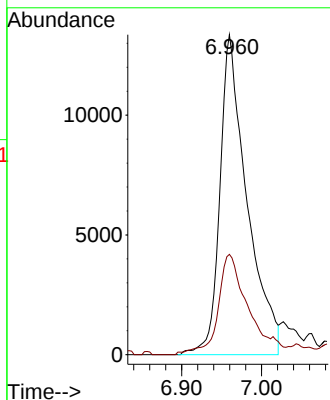
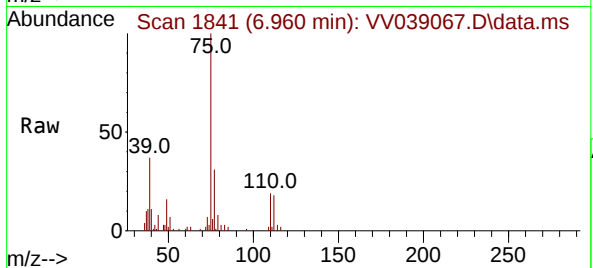
77 31.3 22.4 41.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#40

4-Methyl-2-pentanone

Concen: 7.508 ug/L m

RT: 7.156 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

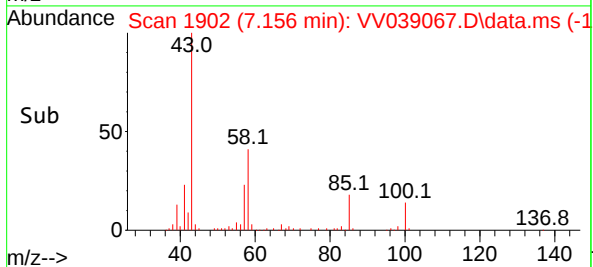
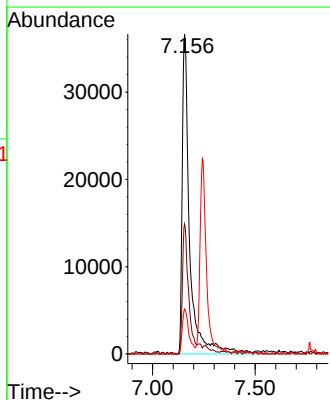
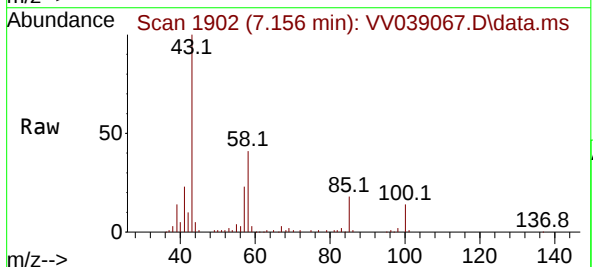
Tgt Ion: 43 Resp: 95150

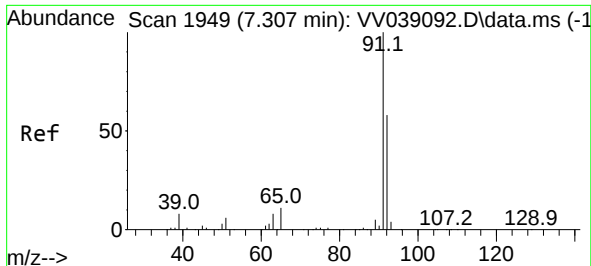
Ion Ratio Lower Upper

43 100

58 32.2 31.7 47.5

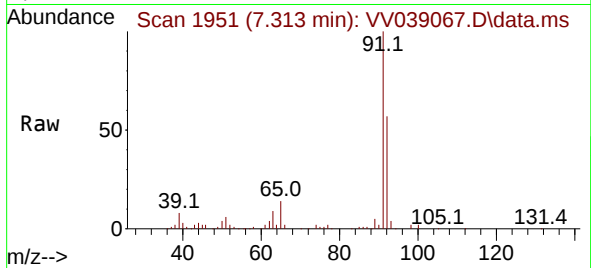
100 12.1 13.0 19.4#





#42
Toluene
Concen: 0.747 ug/L
RT: 7.313 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

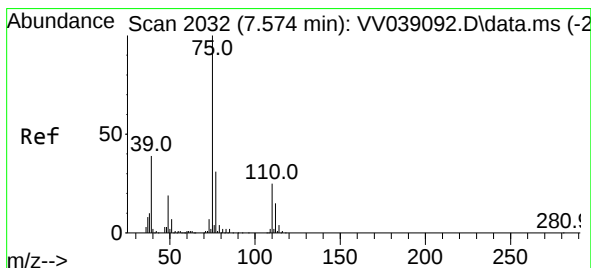
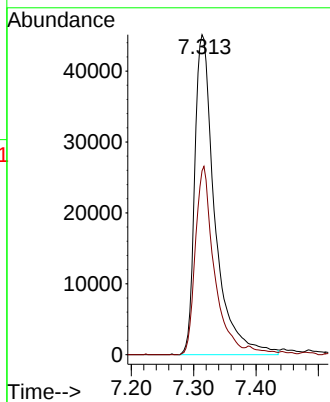
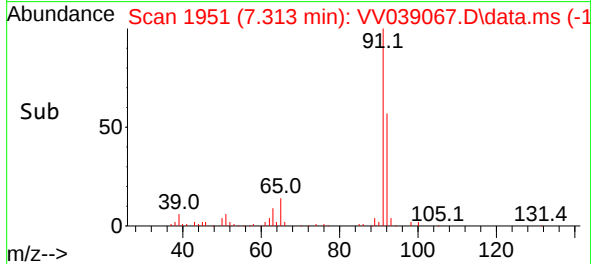
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



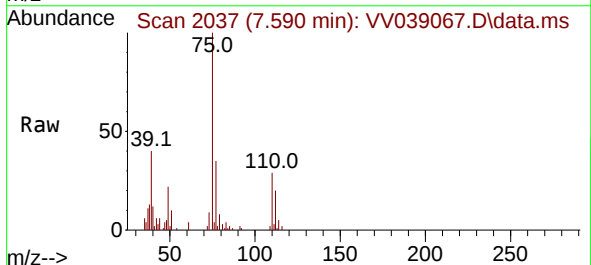
Tgt Ion: 91 Resp: 101035
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.1

Manual Integrations
APPROVED

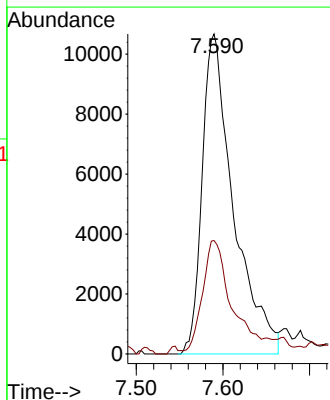
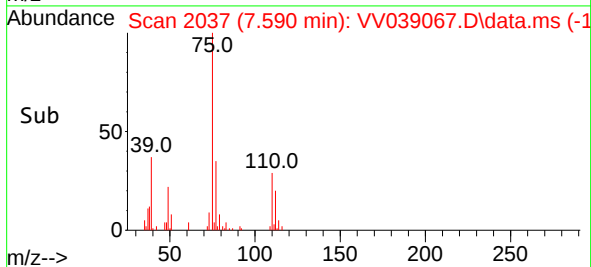
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

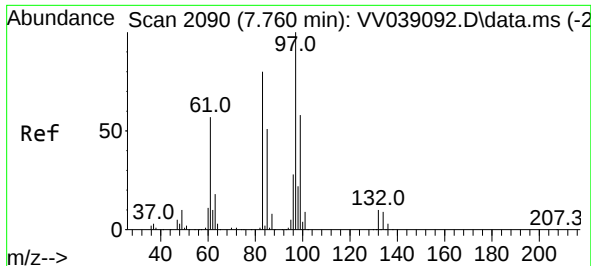


#44
trans-1,3-Dichloropropene
Concen: 0.738 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55



Tgt Ion: 75 Resp: 26847
Ion Ratio Lower Upper
75 100
77 35.4 21.9 40.7





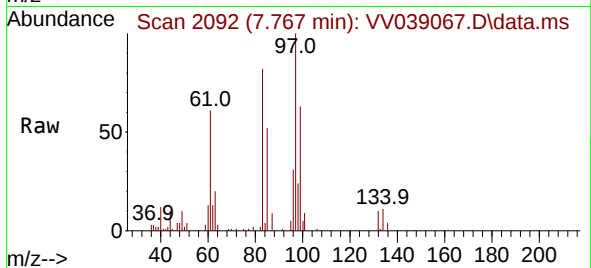
#45
1,1,2-Trichloroethane
Concen: 0.874 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

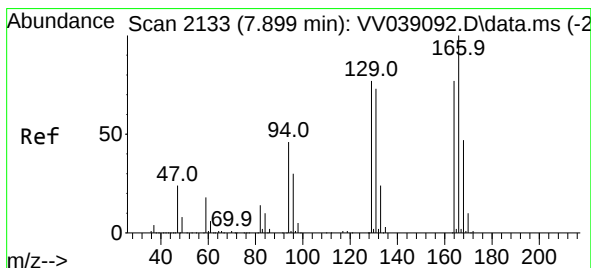
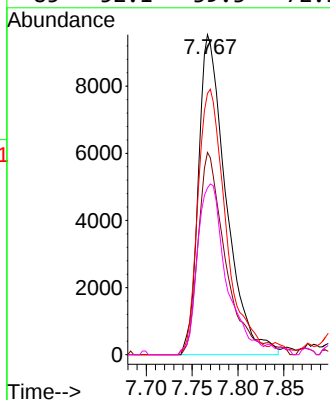
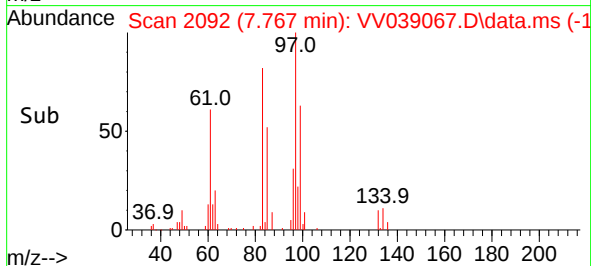


Tgt Ion:	97	Resp:	1995
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.3	80.3
83	81.6	61.7	114.7
85	52.1	39.3	72.9

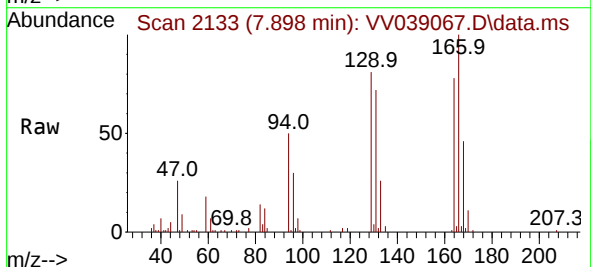
Manual Integrations

APPROVED

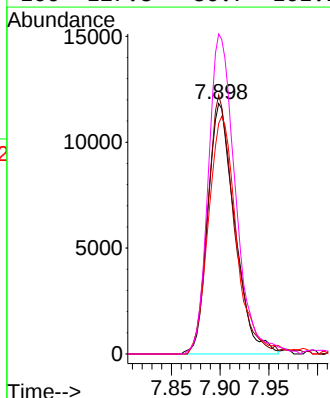
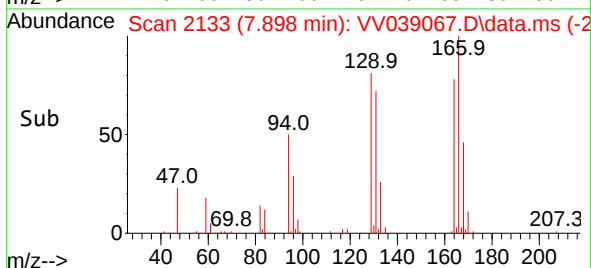
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

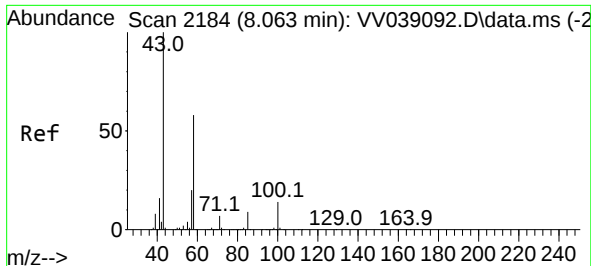


#47
Tetrachloroethene
Concen: 0.844 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55



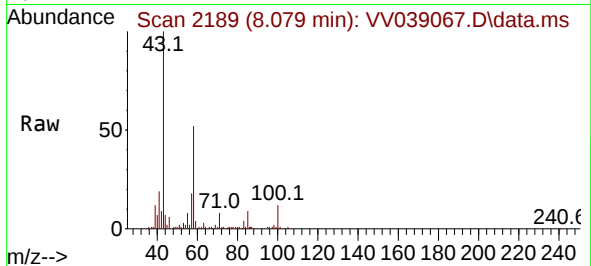
Tgt Ion:	164	Resp:	22667
Ion	Ratio	Lower	Upper
164	100		
129	103.4	68.0	126.4
131	92.0	65.4	121.4
166	127.8	86.7	161.1





#48
2-Hexanone
Concen: 7.995 ug/L m
RT: 8.079 min Scan# 2184
Delta R.T. 0.013 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

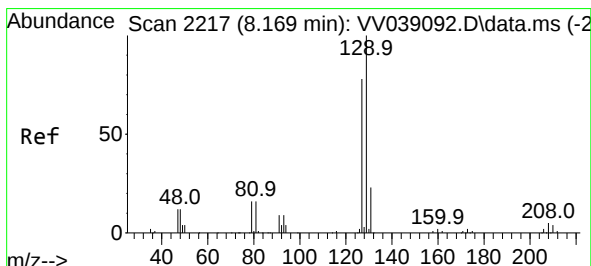
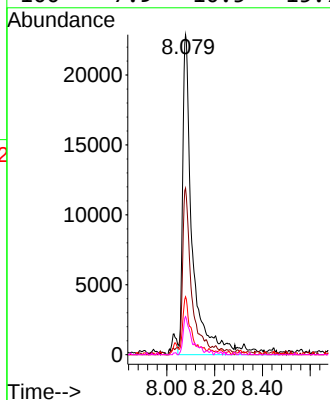
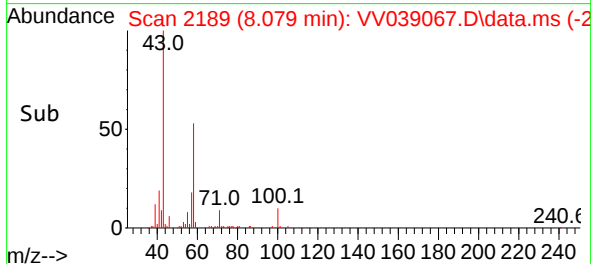
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



Tgt Ion: 43 Resp: 6683
Ion Ratio Lower Upper
43 100
58 40.8 45.6 68.4
57 11.0 15.6 23.4
100 7.9 10.5 15.7#

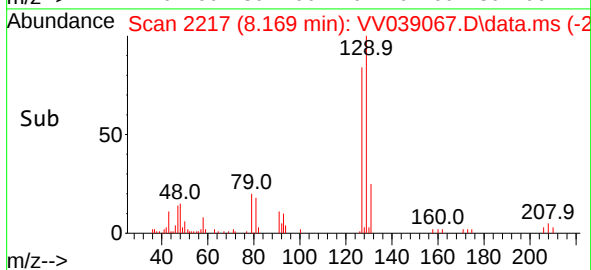
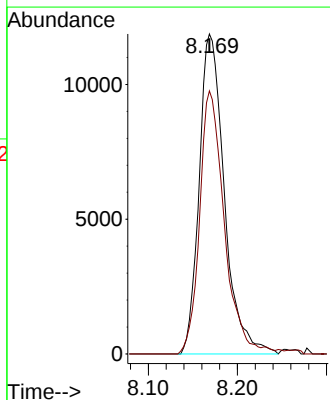
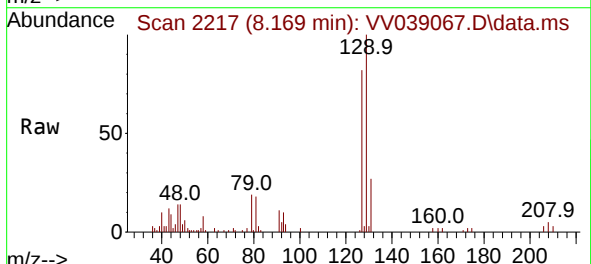
Manual Integrations
APPROVED

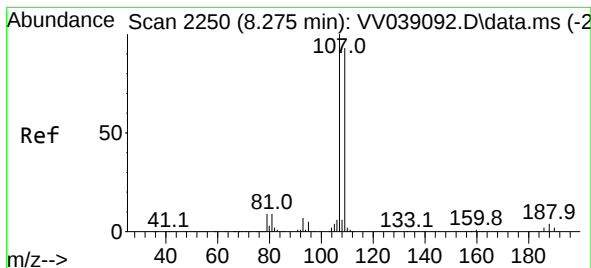
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#49
Dibromochloromethane
Concen: 0.850 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion:129 Resp: 23267
Ion Ratio Lower Upper
129 100
127 82.2 56.7 105.3





#50

1,2-Dibromoethane

Concen: 0.824 ug/L

RT: 8.284 min Scan# 2125

Delta R.T. 0.010 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

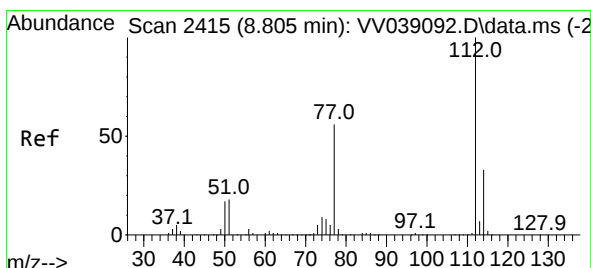
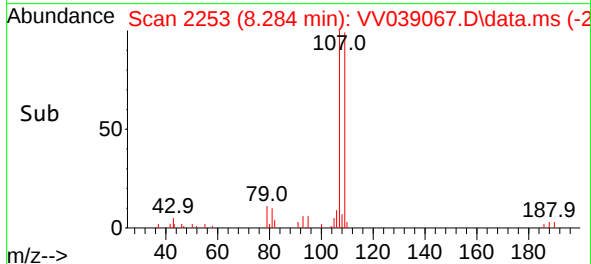
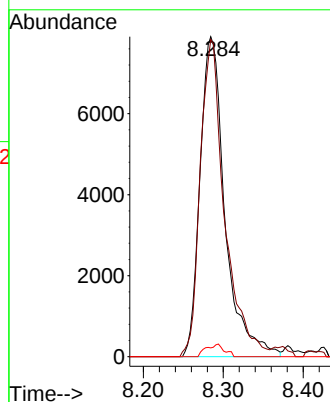
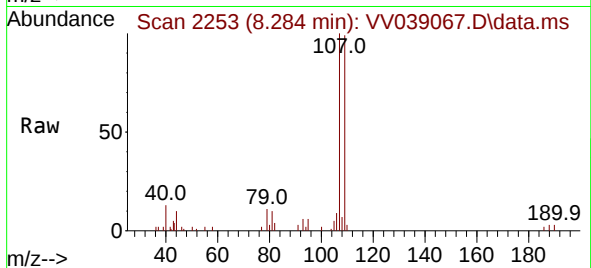
VSTD001254

Tgt Ion:	107	Resp:	1712
Ion Ratio	Lower	Upper	
107	100		
109	99.1	67.1	124.7
188	2.8	2.5	3.7

Manual Integrations

APPROVED

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



#51

Chlorobenzene

Concen: 0.807 ug/L

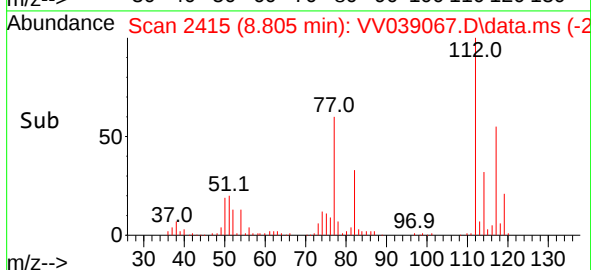
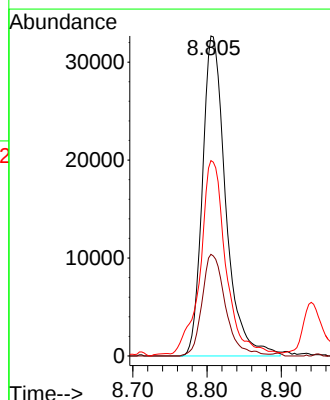
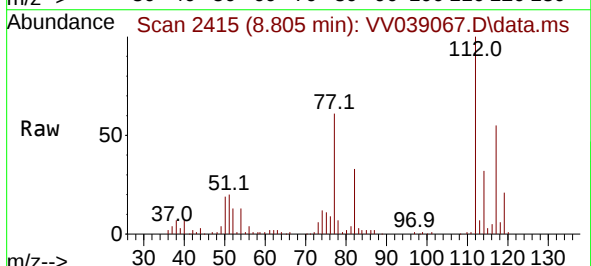
RT: 8.805 min Scan# 2415

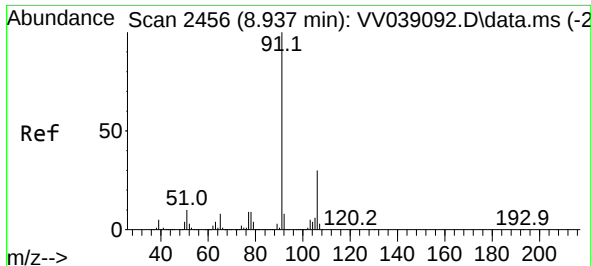
Delta R.T. 0.000 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Tgt Ion:	112	Resp:	71209
Ion Ratio	Lower	Upper	
112	100		
114	31.8	23.0	42.6
77	61.1	46.6	69.8





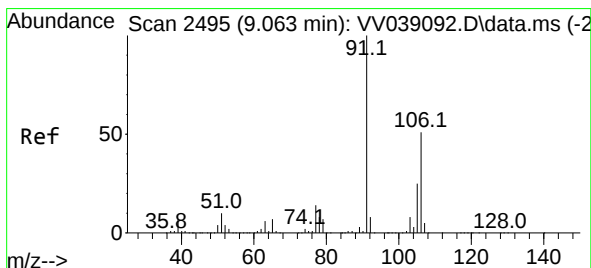
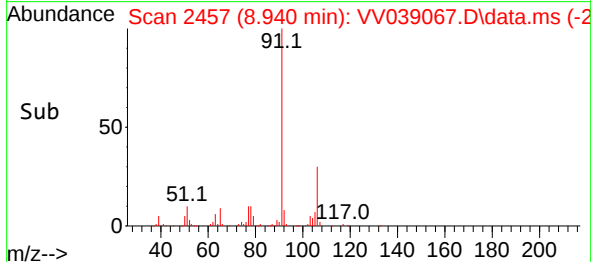
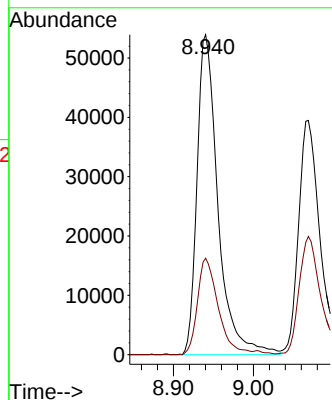
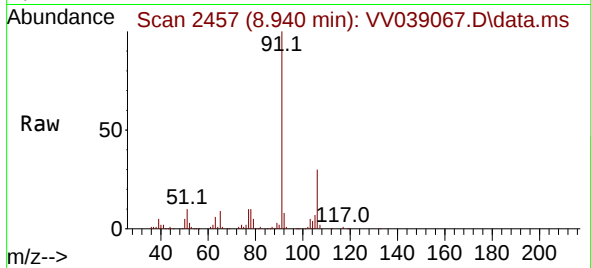
#52
Ethylbenzene
Concen: 0.701 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion: 91 Resp: 98360
Ion Ratio Lower Upper
91 100
106 30.2 20.8 38.6

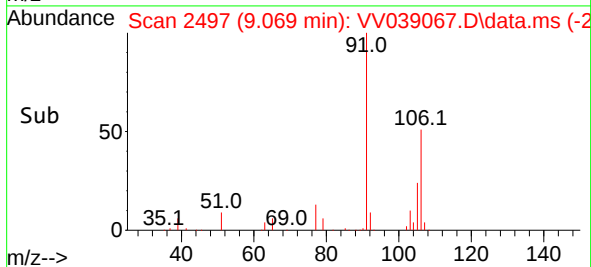
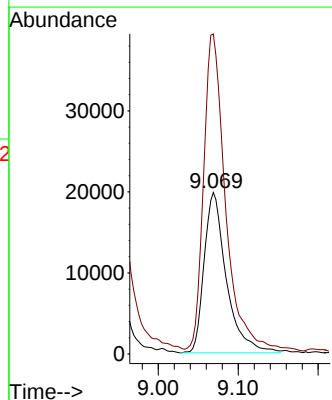
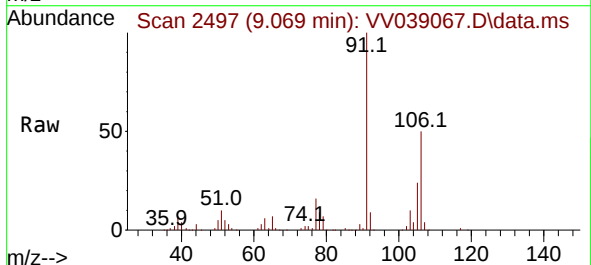
Manual Integrations
APPROVED

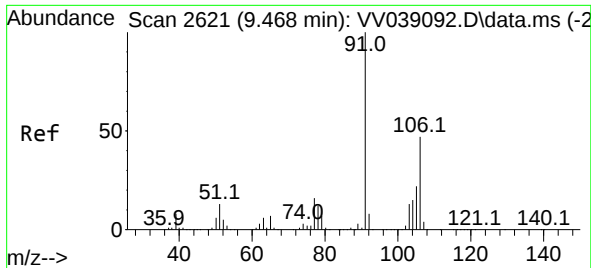
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#53
m,p-Xylene
Concen: 0.705 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion:106 Resp: 38372
Ion Ratio Lower Upper
106 100
91 198.2 140.1 260.3





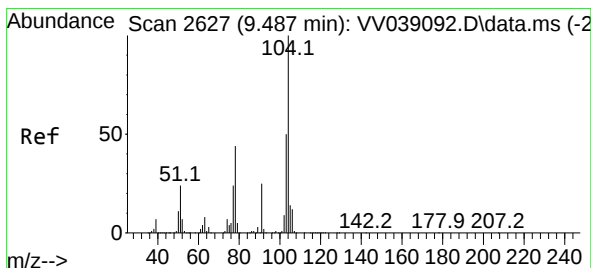
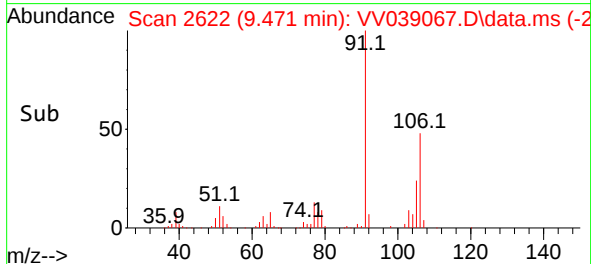
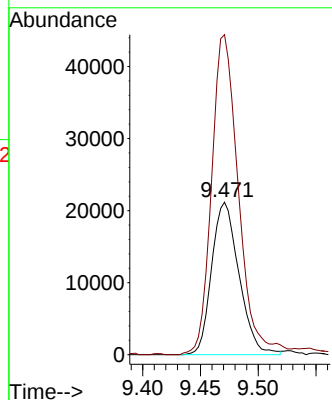
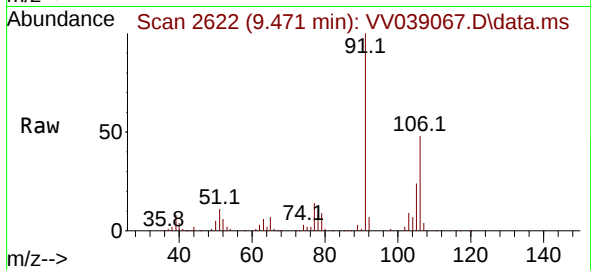
#54
o-Xylene
Concen: 0.707 ug/L
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion:106 Resp: 3481
Ion Ratio Lower Upper
106 100
91 209.9 150.7 279.9

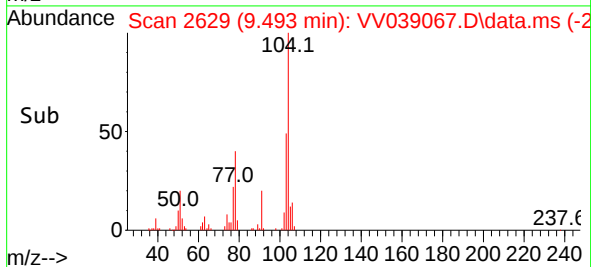
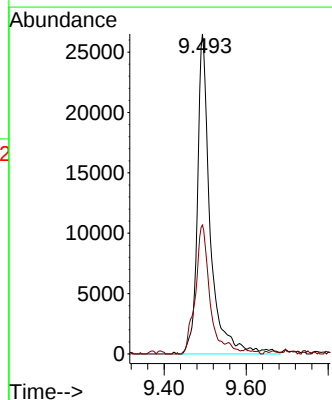
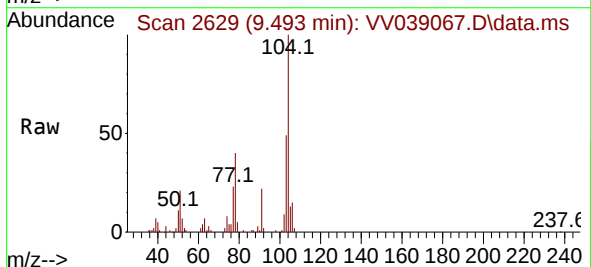
Manual Integrations
APPROVED

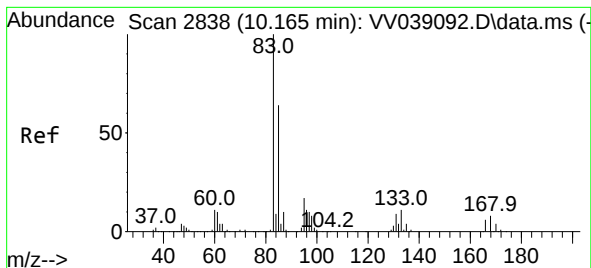
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#55
Styrene
Concen: 0.667 ug/L m
RT: 9.493 min Scan# 2629
Delta R.T. 0.006 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion:104 Resp: 57219
Ion Ratio Lower Upper
104 100
78 40.3 29.9 55.5





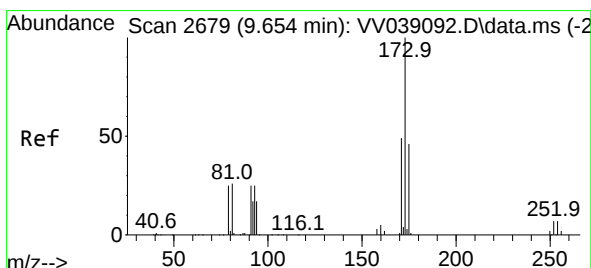
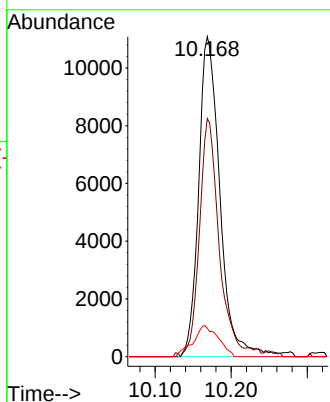
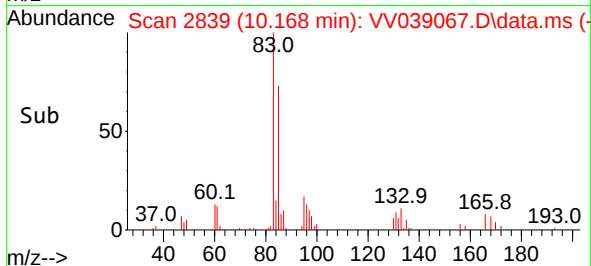
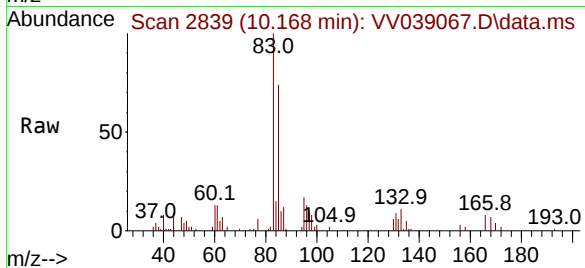
#57
1,1,2,2-Tetrachloroethane
Concen: 0.816 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument : MSVOA_V
ClientSampleId : VSTD001254

Tgt Ion: 83 Resp: 21508
Ion Ratio Lower Upper
83 100
85 74.4 45.4 84.4
131 8.9 7.2 10.8

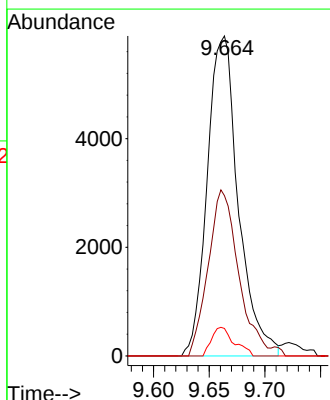
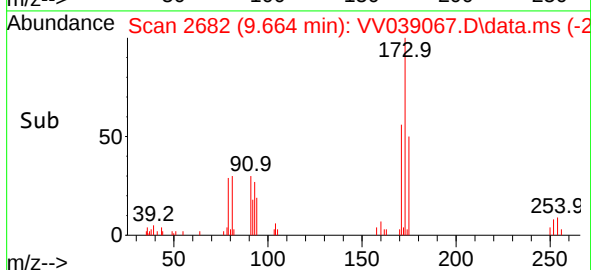
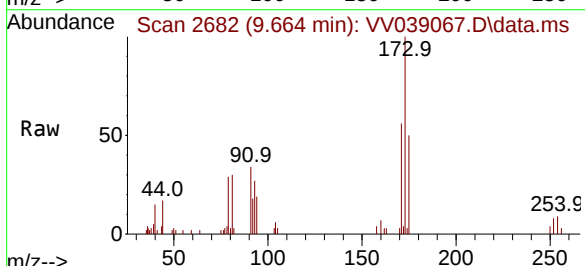
Manual Integrations
APPROVED

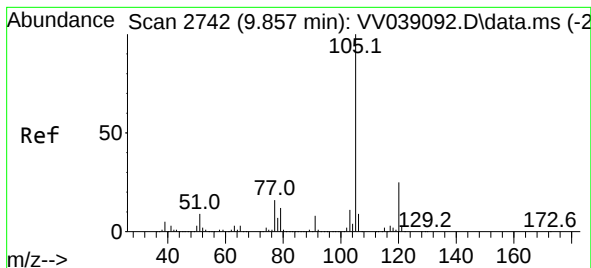
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#59
Bromoform
Concen: 0.937 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.006 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion:173 Resp: 11449
Ion Ratio Lower Upper
173 100
175 50.6 38.8 58.2
254 6.4 6.8 10.2#





#60

Isopropylbenzene

Concen: 0.754 ug/L

RT: 9.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

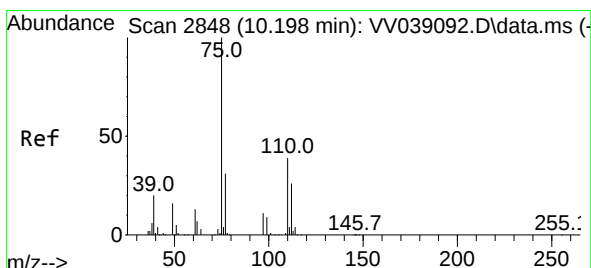
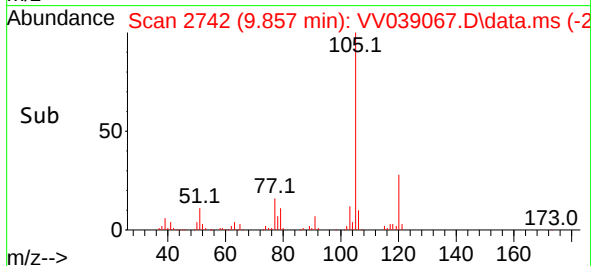
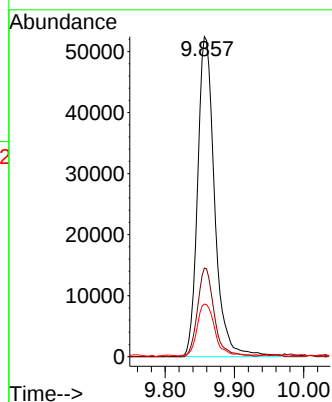
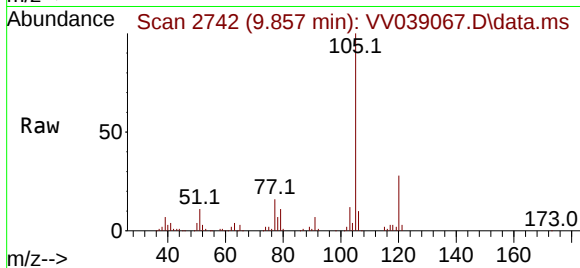
VSTD001254

Tgt Ion:	105	Resp:	89604
Ion Ratio	Lower	Upper	
105	100		
120	27.2	20.8	31.2
77	16.5	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: 0.849 ug/L

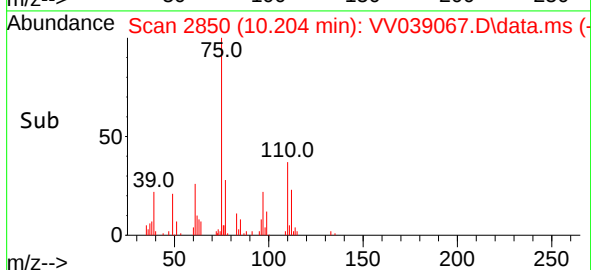
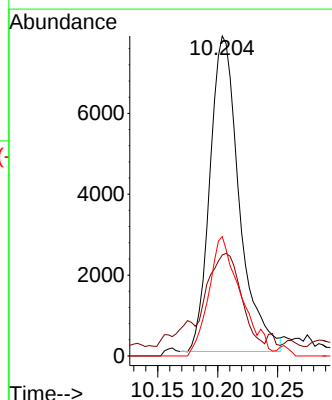
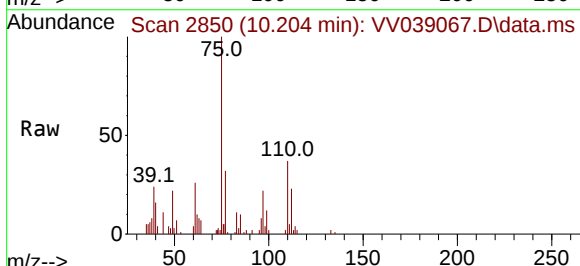
RT: 10.204 min Scan# 2850

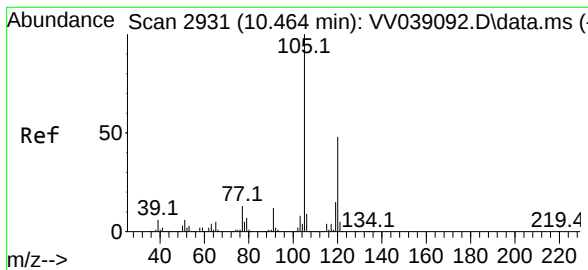
Delta R.T. 0.003 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

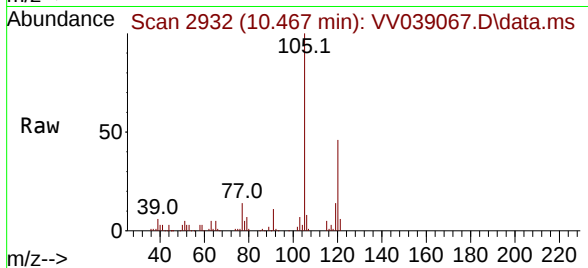
Tgt Ion:	75	Resp:	13240
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.1	37.7
110	41.4	31.0	46.4





#62
1,3,5-Trimethylbenzene
Concen: 0.770 ug/L
RT: 10.467 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

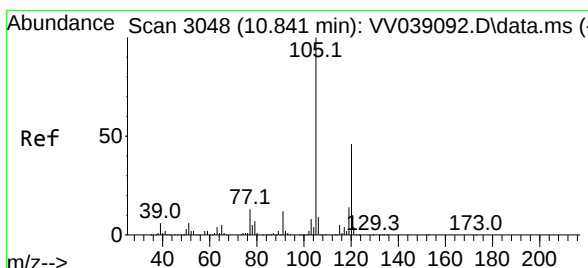
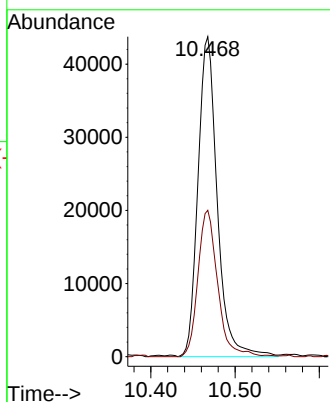
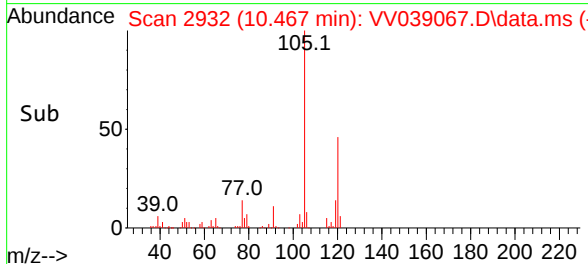
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



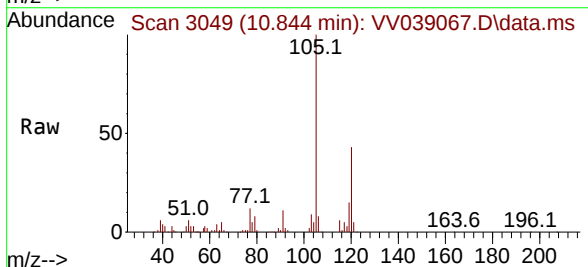
Tgt Ion:105 Resp: 6961
Ion Ratio Lower Upper
105 100
120 46.7 39.1 58.7

Manual Integrations
APPROVED

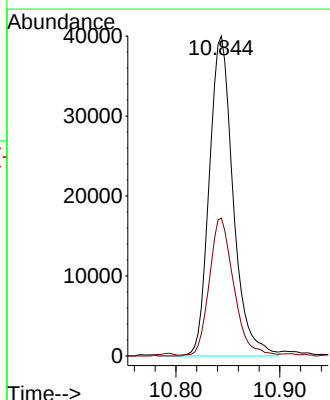
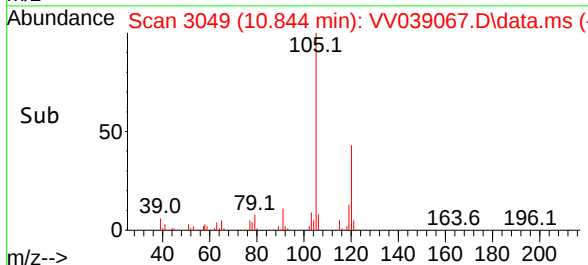
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

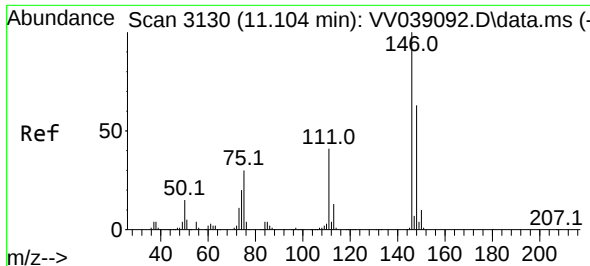


#63
1,2,4-Trimethylbenzene
Concen: 0.727 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55



Tgt Ion:105 Resp: 63778
Ion Ratio Lower Upper
105 100
120 43.3 36.6 54.8





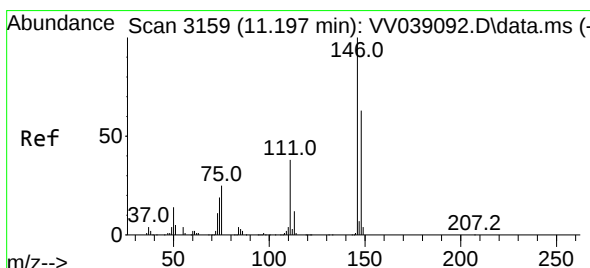
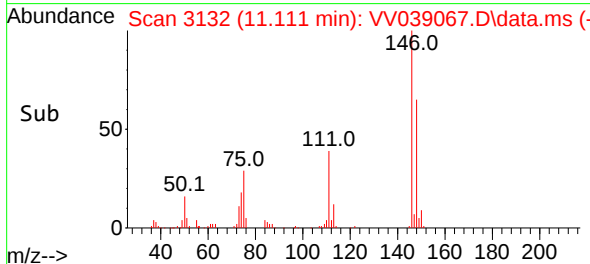
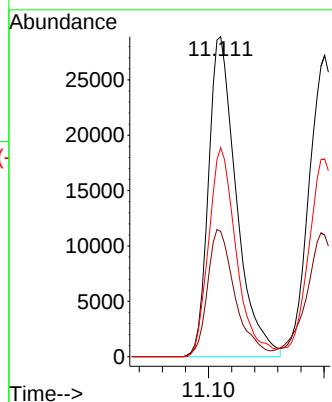
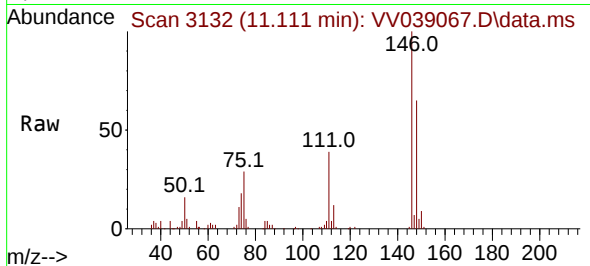
#64
1,3-Dichlorobenzene
Concen: 0.852 ug/L
RT: 11.111 min Scan# 3130
Delta R.T. 0.006 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion:146 Resp: 48419
Ion Ratio Lower Upper
146 100
111 39.2 28.3 52.7
148 65.3 42.9 79.7

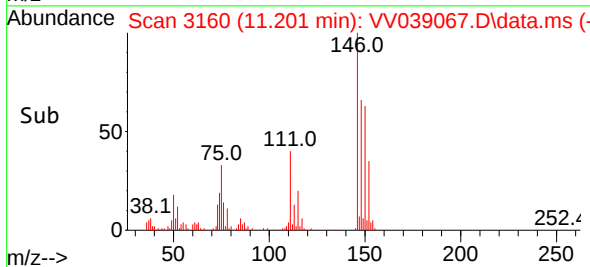
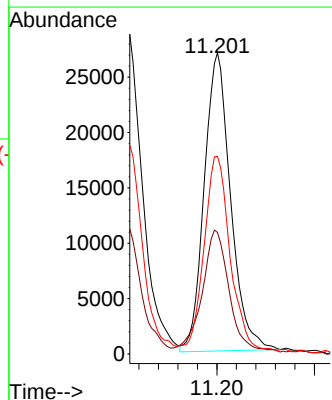
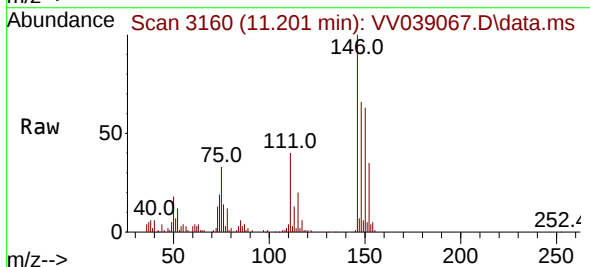
Manual Integrations
APPROVED

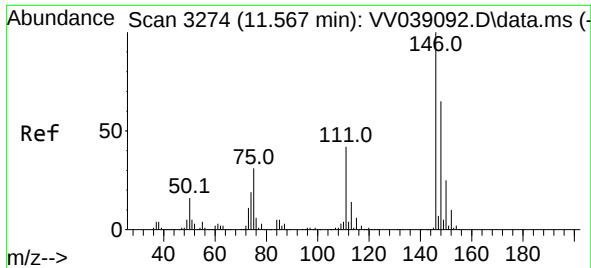
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#65
1,4-Dichlorobenzene
Concen: 0.865 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion:146 Resp: 50620
Ion Ratio Lower Upper
146 100
111 40.4 27.2 50.6
148 65.6 43.8 81.4





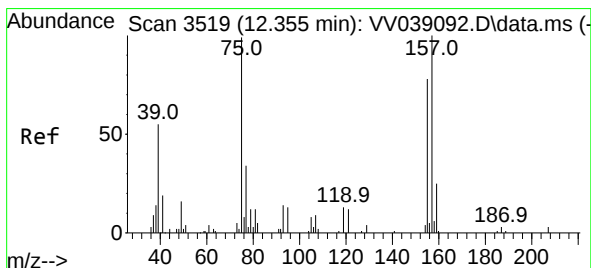
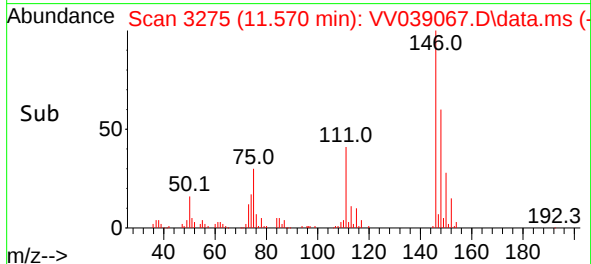
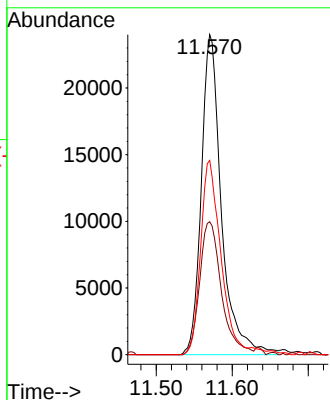
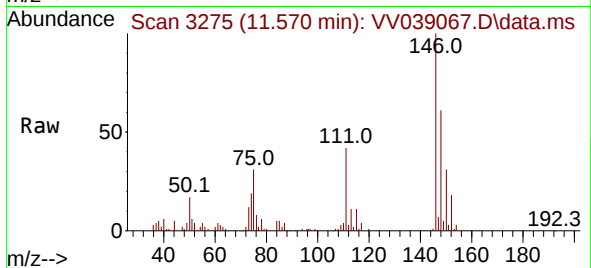
#67
1,2-Dichlorobenzene
Concen: 0.871 ug/L
RT: 11.570 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion:146 Resp: 44099
Ion Ratio Lower Upper
146 100
111 41.5 33.4 50.2
148 60.7 51.1 76.7

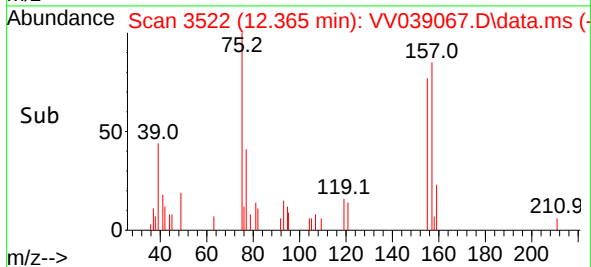
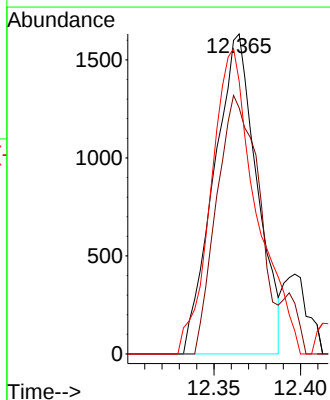
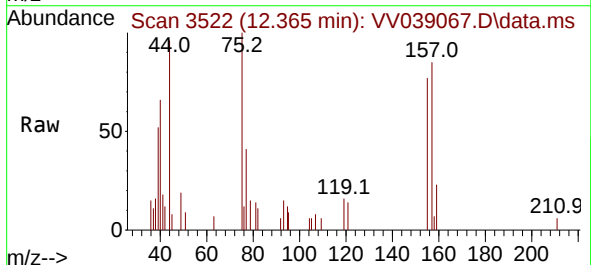
Manual Integrations
APPROVED

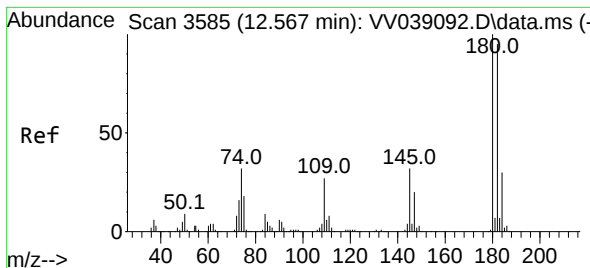
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 0.850 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.010 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

Tgt Ion: 75 Resp: 2808
Ion Ratio Lower Upper
75 100
155 76.9 59.4 89.0
157 85.2 76.2 114.2





#69

1,3,5-Trichlorobenzene

Concen: 0.847 ug/L

RT: 12.574 min Scan# 3585

Delta R.T. 0.003 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

Tgt Ion:180 Resp: 3062

Ion Ratio Lower Upper

180 100

182 98.0 76.3 114.5

184 28.0 24.0 36.0

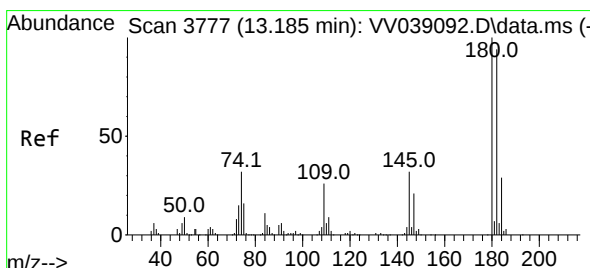
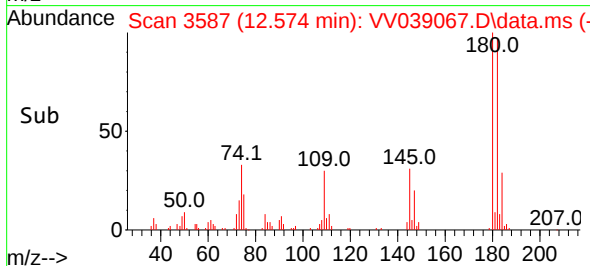
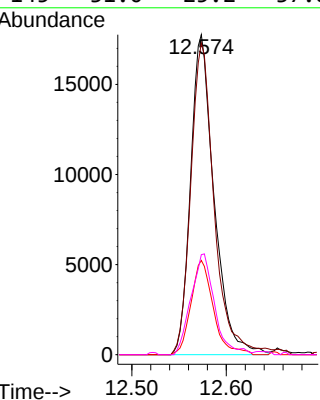
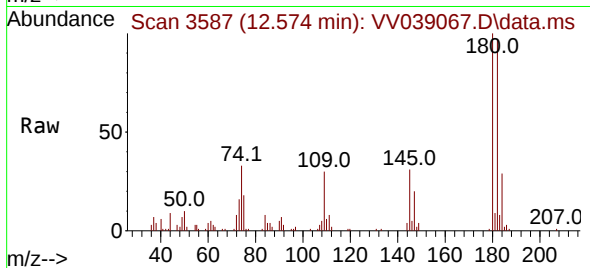
145 31.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#70

1,2,4-trichlorobenzene

Concen: 0.794 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.003 min

Lab File: VV039067.D

Acq: 15 Sep 2025 09:55

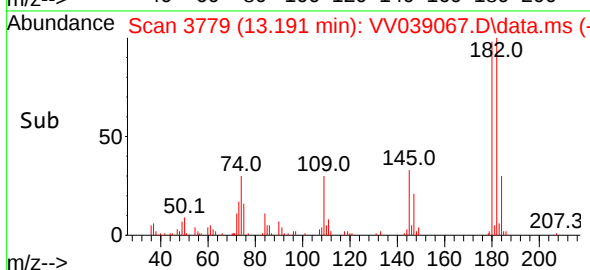
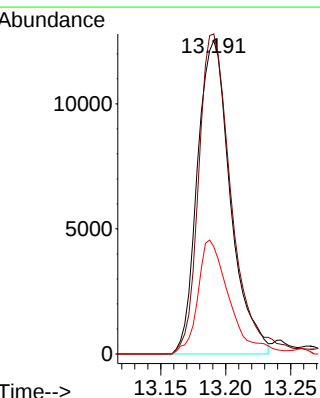
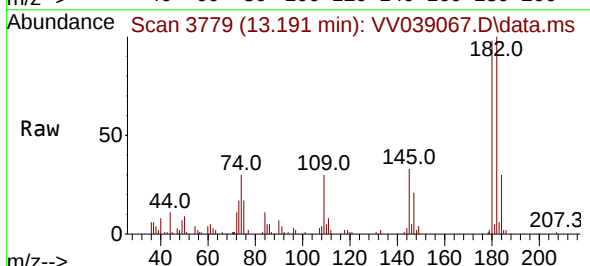
Tgt Ion:180 Resp: 22087

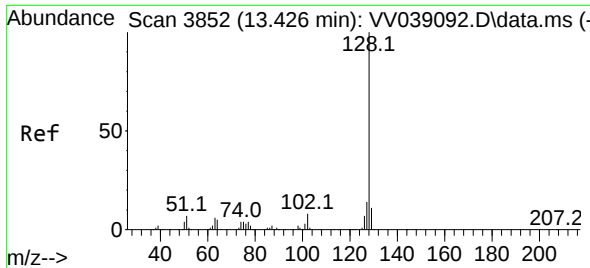
Ion Ratio Lower Upper

180 100

182 101.7 73.2 109.8

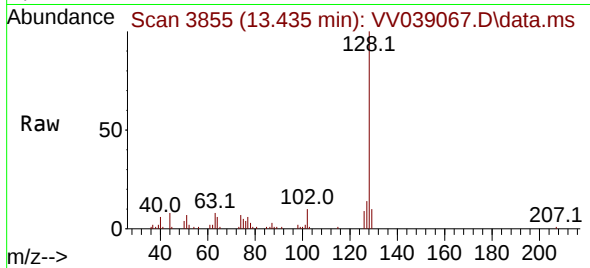
145 34.6 25.0 37.4





#71
Naphthalene
Concen: 0.768 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.010 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55

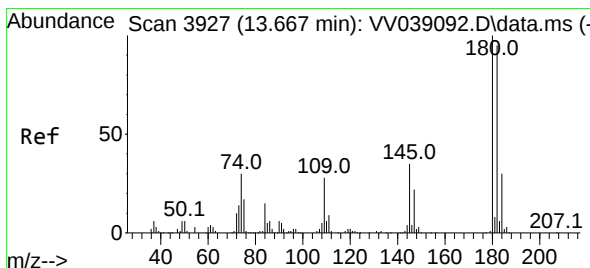
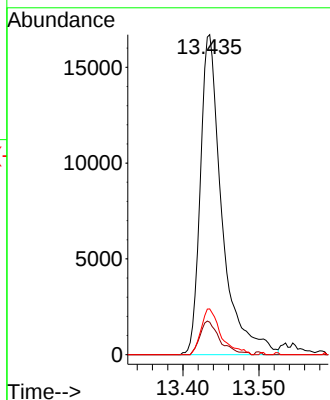
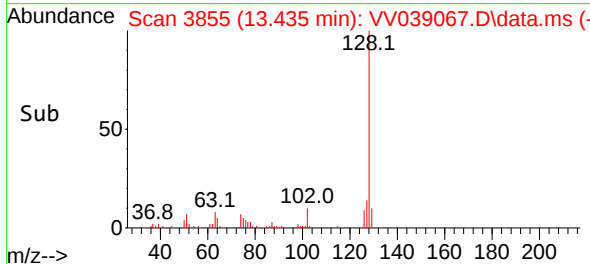
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254



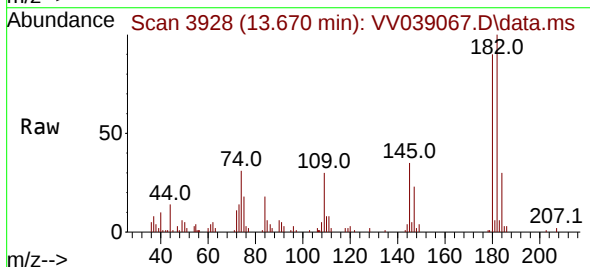
Tgt Ion:128 Resp: 33064
Ion Ratio Lower Upper
128 100
129 9.7 8.6 12.8
127 13.1 10.8 16.2

Manual Integrations
APPROVED

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



#72
1,2,3-Trichlorobenzene
Concen: 0.766 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.003 min
Lab File: VV039067.D
Acq: 15 Sep 2025 09:55



Tgt Ion:180 Resp: 19031
Ion Ratio Lower Upper
180 100
182 100.8 76.6 115.0
145 36.7 27.4 41.2

