

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039066.D
 Acq On : 15 Sep 2025 08:45
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 01:36:00 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	5.532	114	347552	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	354004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	144494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	14299	0.506	ug/L	0.00
7) Chloroethane-d5	1.545	69	12707	0.515	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	6484	0.494	ug/L	0.00
20) 2-Butanone-d5	3.918	46	18036m	4.757	ug/L	0.11
24) Chloroform-d	4.262	84	25828	0.482	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.969	65	10477	0.475	ug/L	0.03
32) Benzene-d6	4.969	84	40689	0.410	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	13577	0.474	ug/L	0.02
41) Toluene-d8	7.246	98	34831	0.391	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	4287	0.403	ug/L	0.02
46) 2-Hexanone-d5	8.040	63	12213m	3.681	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	10421	0.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	11832	0.500	ug/L	0.00
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.121	85	17698	0.455	ug/L	95
3) Chloromethane	1.227	50	16447	0.429	ug/L	96
5) Vinyl chloride	1.294	62	17469	0.430	ug/L	100
6) Bromomethane	1.500	94	10539	0.467	ug/L	93
8) Chloroethane	1.561	64	11873	0.468	ug/L	99
9) Trichlorofluoromethane	1.725	101	23594	0.426	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	13625	0.401	ug/L #	89
12) 1,1-Dichloroethene	2.082	96	12833	0.415	ug/L	87
14) Carbon disulfide	2.252	76	46946	0.464	ug/L	95
15) Methyl Acetate	2.407	43	4274m	0.460	ug/L	
16) Methylene chloride	2.458	84	17507	0.403	ug/L	93
17) Methyl tert-butyl Ether	2.715	73	19423	0.365	ug/L	98
18) trans-1,2-Dichloroethene	2.709	96	12337	0.395	ug/L	90
19) 1,1-Dichloroethane	3.121	63	24470	0.430	ug/L	97
21) 2-Butanone	3.966	43	18745m	4.497	ug/L	
22) cis-1,2-Dichloroethene	3.834	96	11036m	0.368	ug/L	
23) Bromochloromethane	4.162	128	5594	0.417	ug/L #	81
25) Chloroform	4.294	83	25490	0.428	ug/L	88
27) 1,2-Dichloroethane	5.063	62	10953	0.364	ug/L	94
29) 1,1,1-Trichloroethane	4.516	97	22135	0.403	ug/L #	88
30) Cyclohexane	4.580	56	14291	0.303	ug/L	94
31) Carbon tetrachloride	4.738	117	19815	0.417	ug/L	97
33) Benzene	5.018	78	40405	0.333	ug/L	100
34) Trichloroethene	5.844	95	12018	0.368	ug/L	92
35) Methylcyclohexane	6.043	83	20550	0.410	ug/L #	84
37) 1,2-Dichloropropane	6.104	63	10714	0.358	ug/L	100
38) Bromodichloromethane	6.439	83	15630	0.384	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	13456	0.332	ug/L	95
40) 4-Methyl-2-pentanone	7.162	43	36481m	3.066	ug/L	
42) Toluene	7.320	91	38772	0.305	ug/L	97
44) trans-1,3-Dichloropropene	7.606	75	11979m	0.351	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	8609	0.402	ug/L	91

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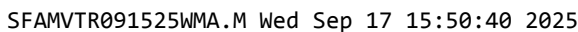
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

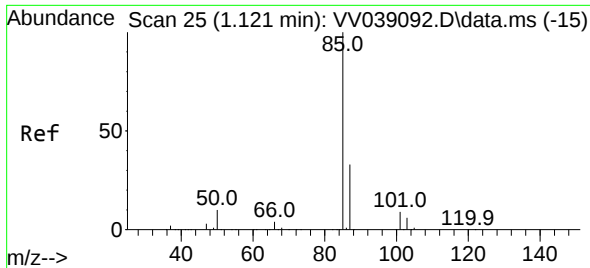
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.902	164	9716	0.385	ug/L	95
48) 2-Hexanone	8.088	43	26589m	3.388	ug/L	
49) Dibromochloromethane	8.175	129	9958	0.388	ug/L	89
50) 1,2-Dibromoethane	8.288	107	6768	0.347	ug/L #	93
51) Chlorobenzene	8.812	112	30495	0.368	ug/L	99
52) Ethylbenzene	8.943	91	41520	0.315	ug/L	94
53) m,p-Xylene	9.072	106	13414	0.263	ug/L	97
54) o-Xylene	9.474	106	12779	0.276	ug/L	100
55) Styrene	9.500	104	19848	0.247	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	9321	0.377	ug/L #	95
59) Bromoform	9.660	173	5188	0.471	ug/L #	93
60) Isopropylbenzene	9.860	105	36846	0.344	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	5449	0.387	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.468	105	28514	0.350	ug/L	96
63) 1,2,4-Trimethylbenzene	10.844	105	25825	0.327	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	19131	0.373	ug/L	95
65) 1,4-Dichlorobenzene	11.197	146	20254	0.384	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	16194	0.355	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.361	75	1122	0.376	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.577	180	13999	0.429	ug/L	93
70) 1,2,4-trichlorobenzene	13.194	180	9884	0.394	ug/L	98
71) Naphthalene	13.435	128	13635	0.351	ug/L	96
72) 1,2,3-Trichlorobenzene	13.670	180	8729	0.390	ug/L	89

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

Manual Integrations

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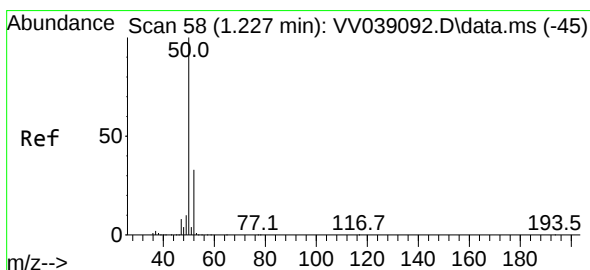
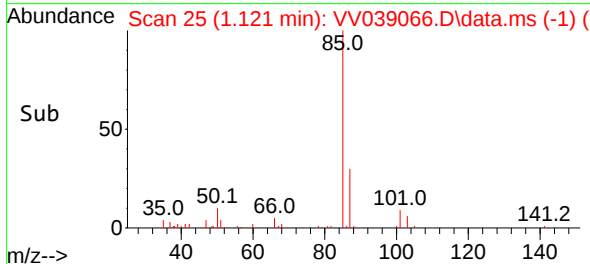
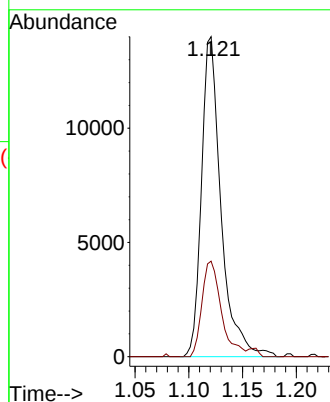
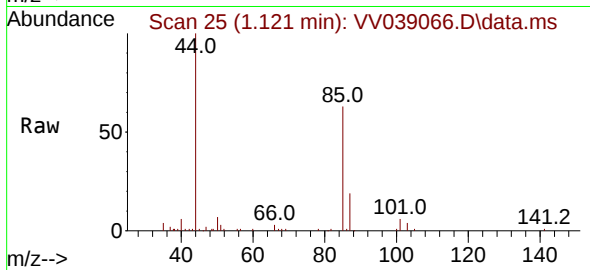
#2
 Dichlorodifluoromethane
 Concen: 0.455 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

Tgt Ion: 85 Resp: 17698
 Ion Ratio Lower Upper
 85 100
 87 29.7 25.9 38.9

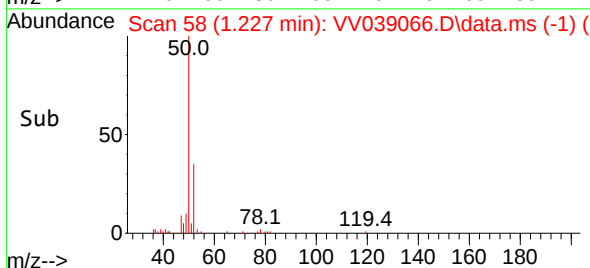
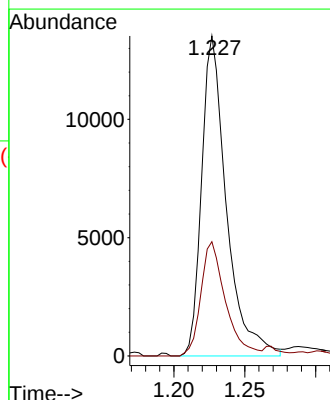
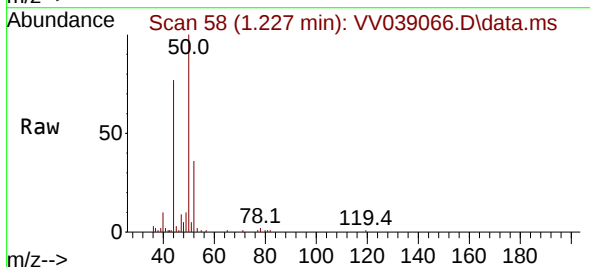
Manual Integrations
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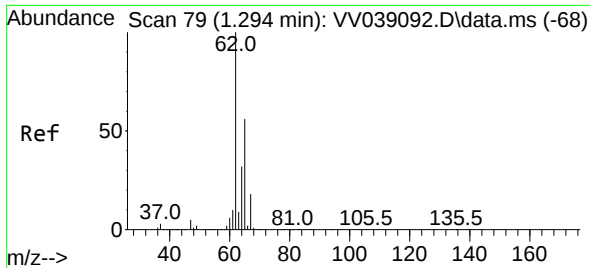
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#3
 Chloromethane
 Concen: 0.429 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

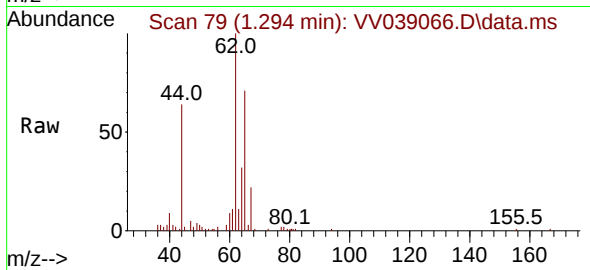
Tgt Ion: 50 Resp: 16447
 Ion Ratio Lower Upper
 50 100
 52 35.7 23.4 43.6





#5
 Vinyl chloride
 Concen: 0.430 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

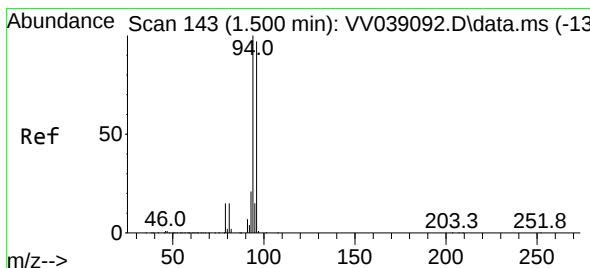
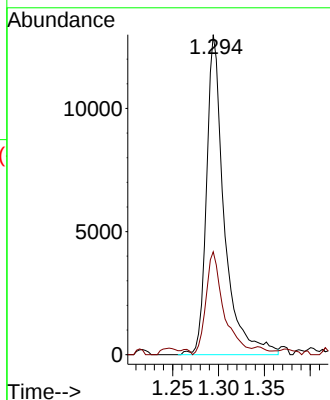
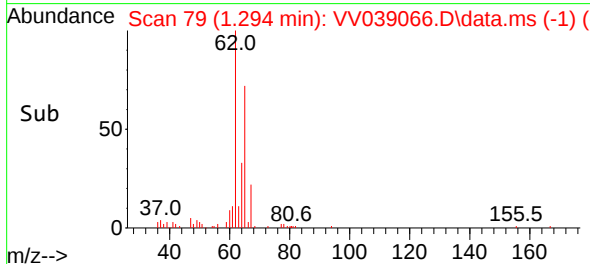
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253



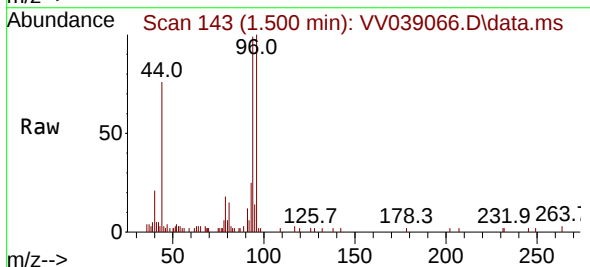
Tgt Ion: 62 Resp: 17469
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.4 41.6

Manual Integrations
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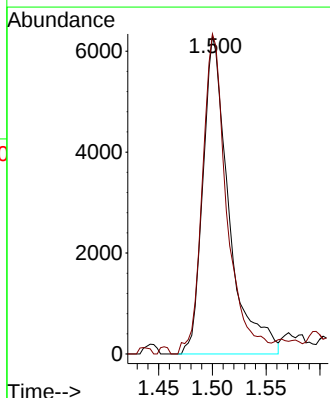
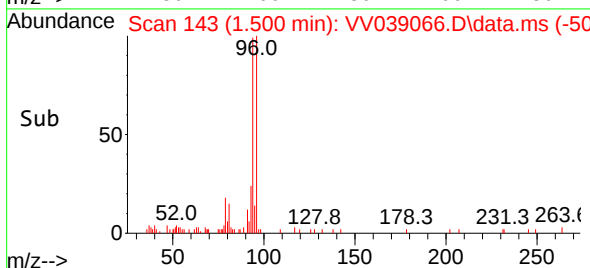
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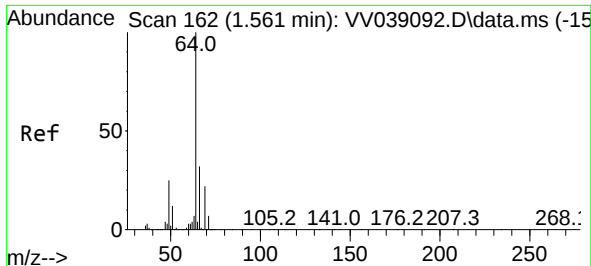


#6
 Bromomethane
 Concen: 0.467 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45



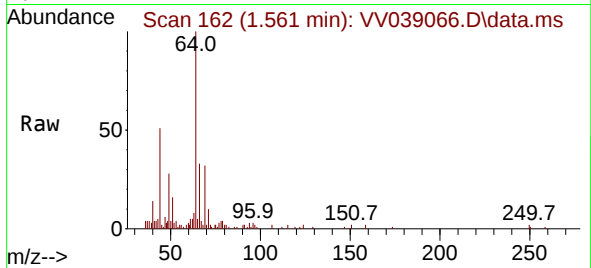
Tgt Ion: 94 Resp: 10539
 Ion Ratio Lower Upper
 94 100
 96 100.6 65.9 122.5





#8
Chloroethane
Concen: 0.468 ug/L
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

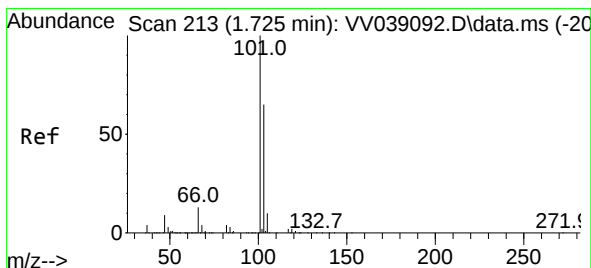
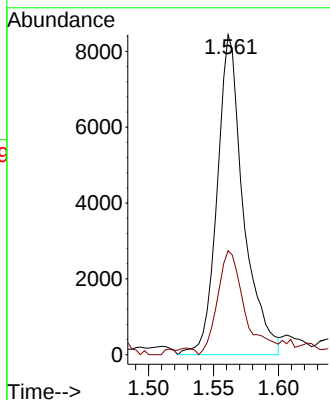
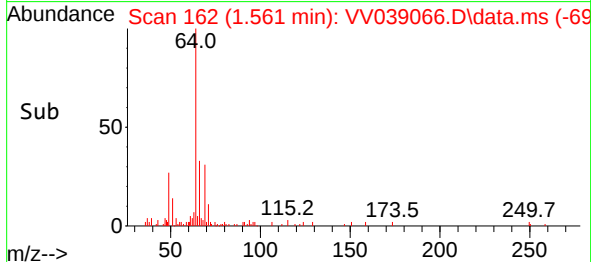
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



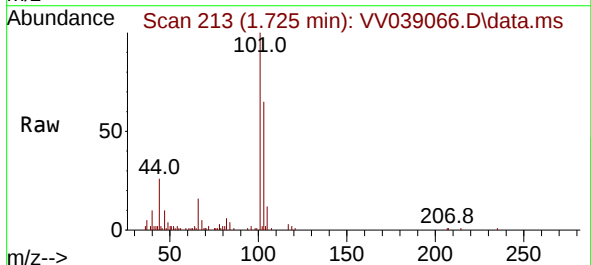
Tgt Ion: 64 Resp: 1187
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5

Manual Integrations
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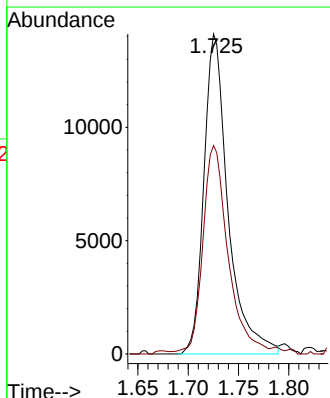
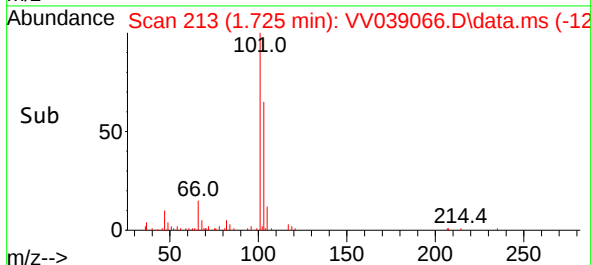
Reviewed By :Mahesh Dadoda 09/16/2025
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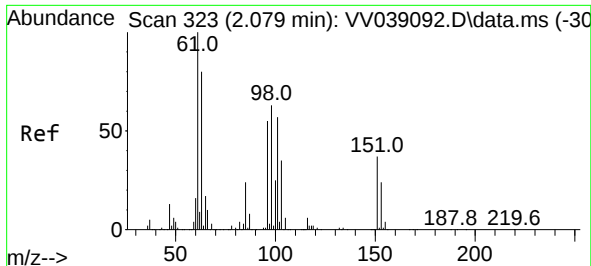


#9
Trichlorofluoromethane
Concen: 0.426 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



Tgt Ion:101 Resp: 23594
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.401 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

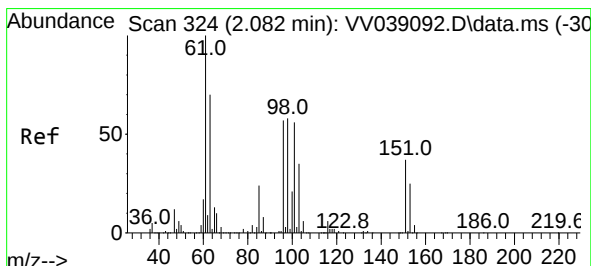
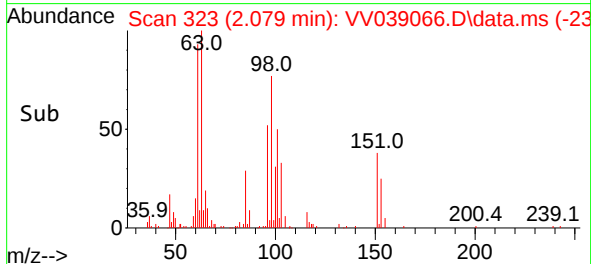
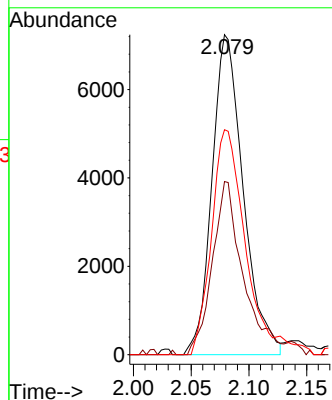
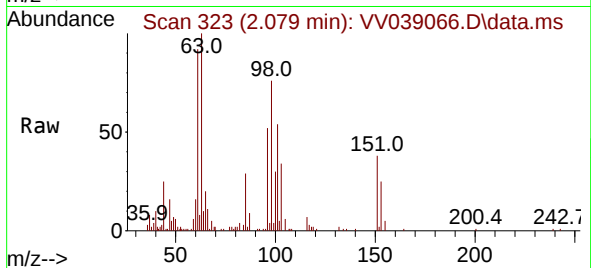
VSTD0.5253

Tgt Ion:	101	Resp:	1362
Ion Ratio	Lower	Upper	
101	100		
85	53.4	35.4	53.0
151	77.2	55.4	83.0

Manual Integrations

APPROVED

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#12

1,1-Dichloroethene

Concen: 0.415 ug/L

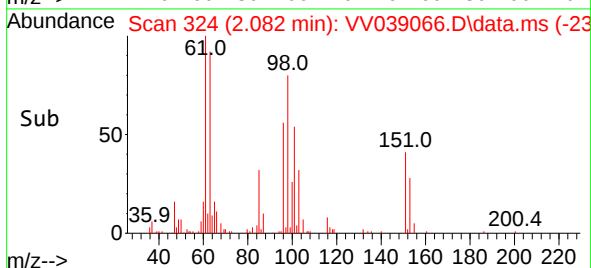
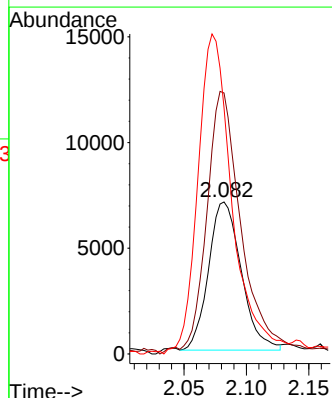
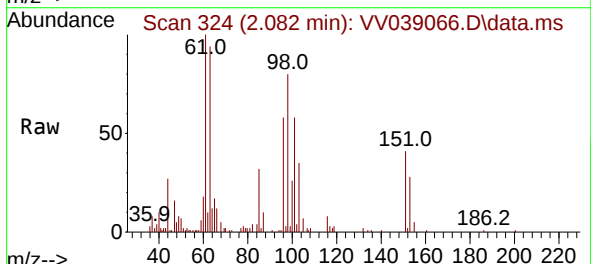
RT: 2.082 min Scan# 324

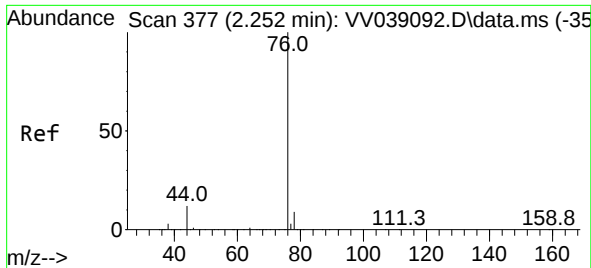
Delta R.T. 0.000 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

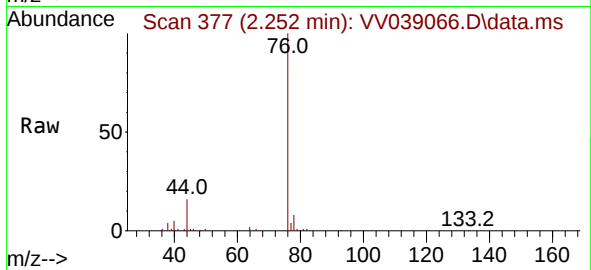
Tgt Ion:	96	Resp:	12833
Ion Ratio	Lower	Upper	
96	100		
61	171.6	124.7	231.7
63	161.8	93.5	173.7





#14
Carbon disulfide
Concen: 0.464 ug/L
RT: 2.252 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

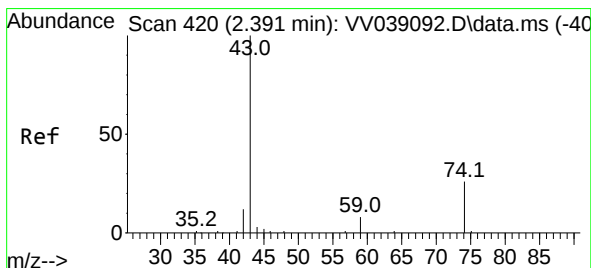
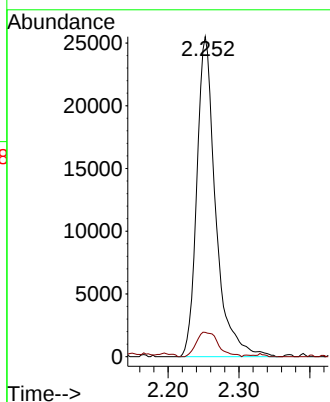
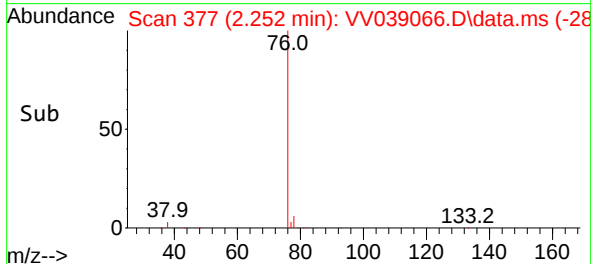
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



Tgt Ion: 76 Resp: 46940
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.2

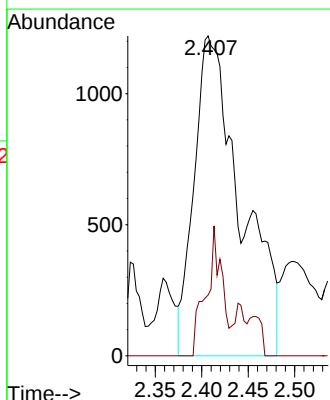
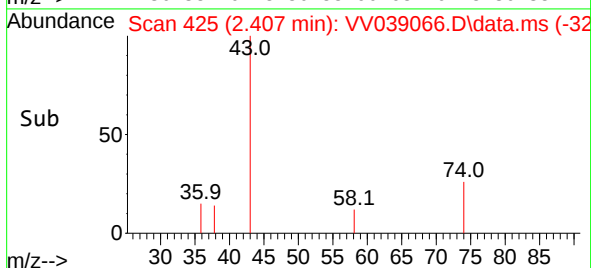
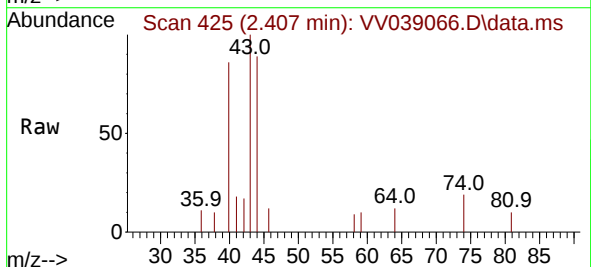
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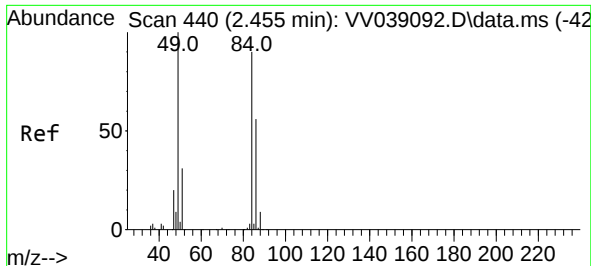
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#15
Methyl Acetate
Concen: 0.460 ug/L m
RT: 2.407 min Scan# 425
Delta R.T. 0.013 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

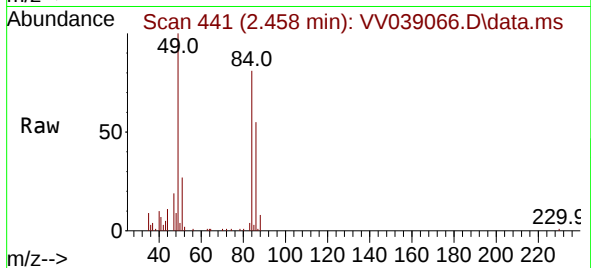
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Ion Ratio Lower Upper
43 100
74 13.7 18.8 28.2#





#16
Methylene chloride
Concen: 0.403 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

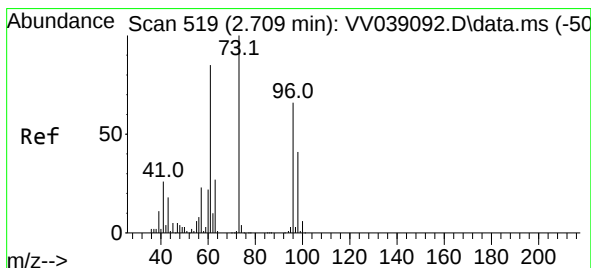
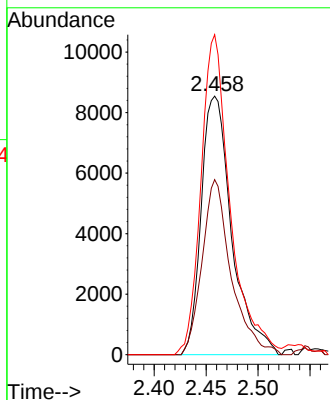
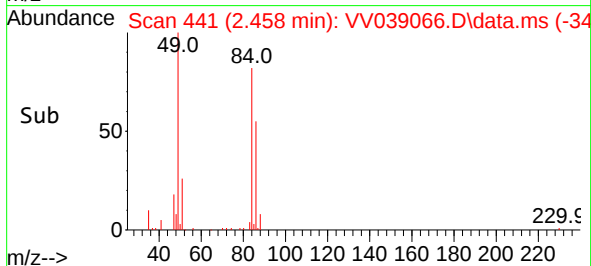
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



Tgt Ion: 84 Resp: 1750
Ion Ratio Lower Upper
84 100
86 67.7 44.2 82.2
49 123.7 80.6 149.6

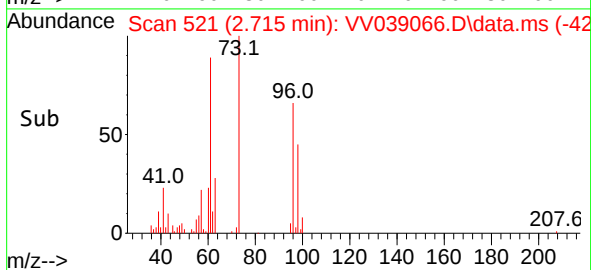
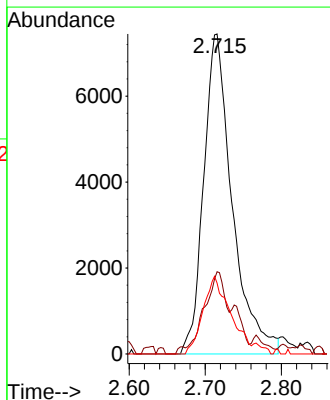
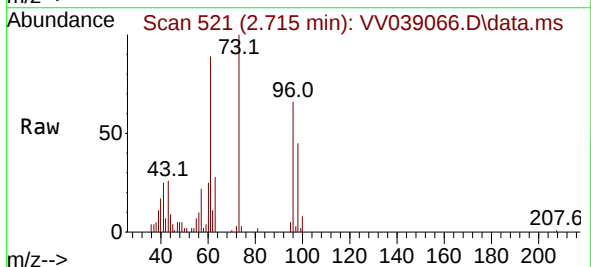
Manual Integrations
APPROVED

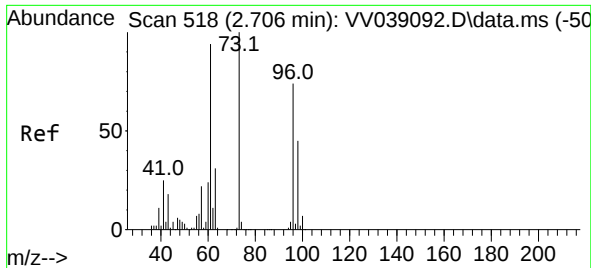
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#17
Methyl tert-butyl Ether
Concen: 0.365 ug/L
RT: 2.715 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

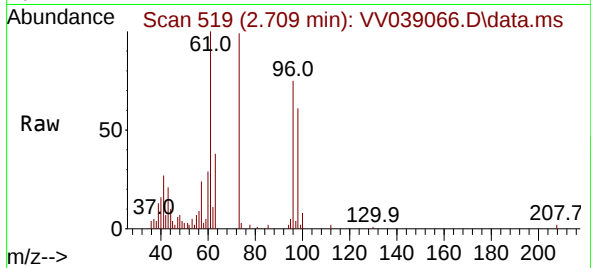
Tgt Ion: 73 Resp: 19423
Ion Ratio Lower Upper
73 100
43 19.7 14.7 22.1
57 23.1 18.0 27.0





#18
trans-1,2-Dichloroethene
Concen: 0.395 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

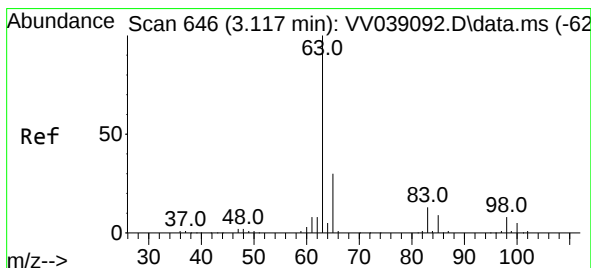
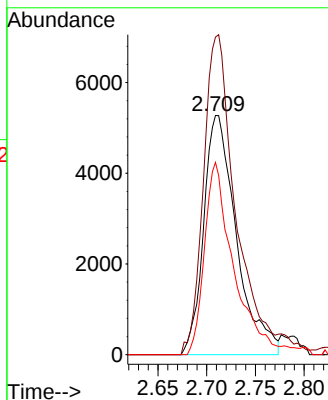
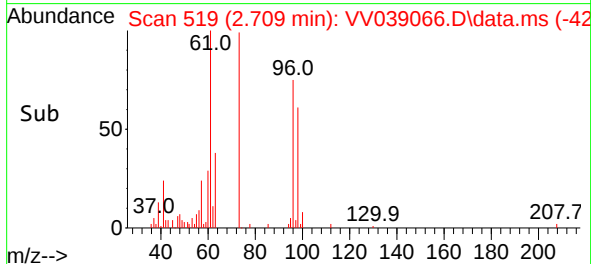
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



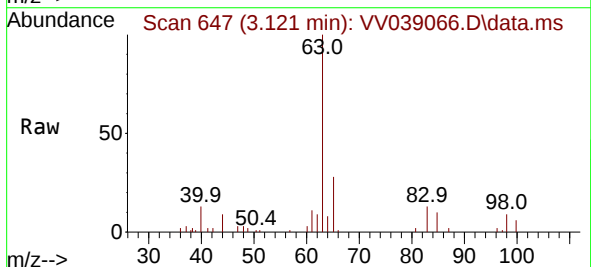
Tgt Ion: 96 Resp: 1233
Ion Ratio Lower Upper
96 100
61 132.8 89.7 166.5
98 80.4 44.9 83.3

Manual Integrations
APPROVED

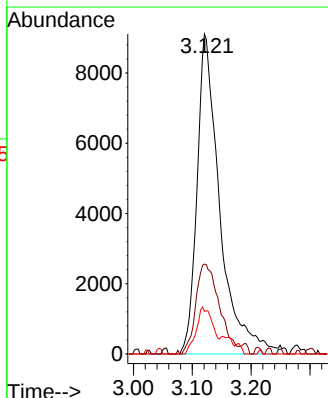
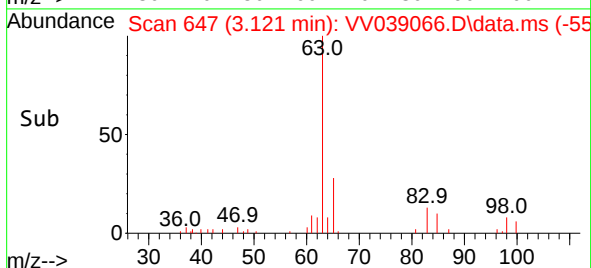
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

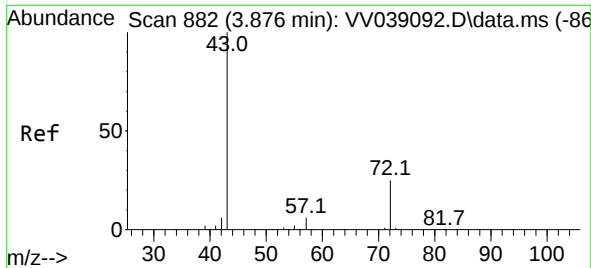


#19
1,1-Dichloroethane
Concen: 0.430 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



Tgt Ion: 63 Resp: 24470
Ion Ratio Lower Upper
63 100
65 28.1 21.5 39.9
83 13.3 9.2 17.2





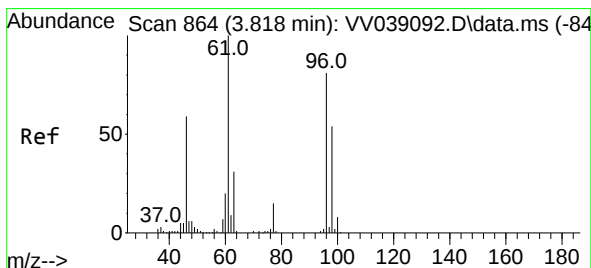
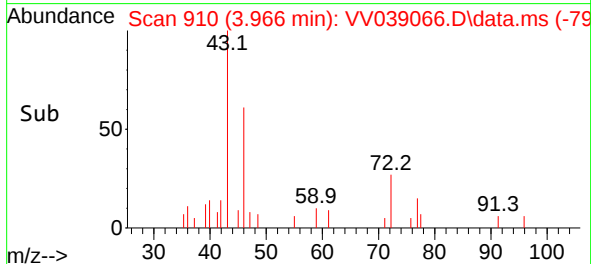
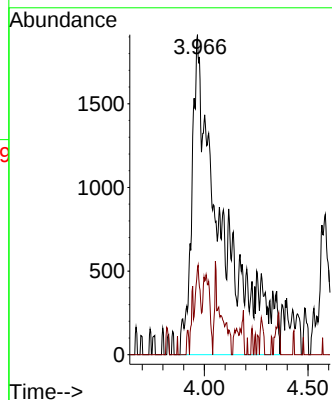
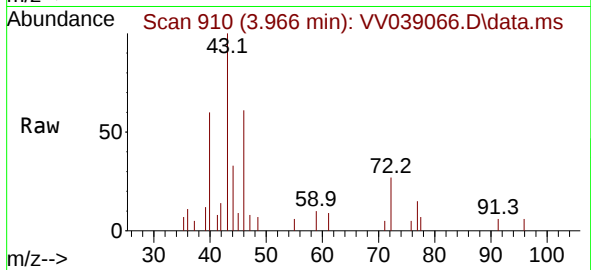
#21
2-Butanone
Concen: 4.497 ug/L m
RT: 3.966 min Scan# 910
Delta R.T. 0.077 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
72 3.3 12.0 36.0

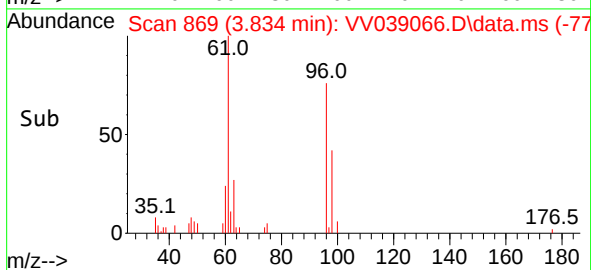
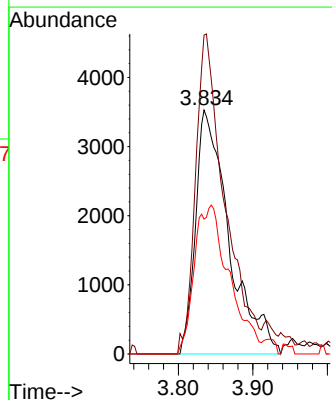
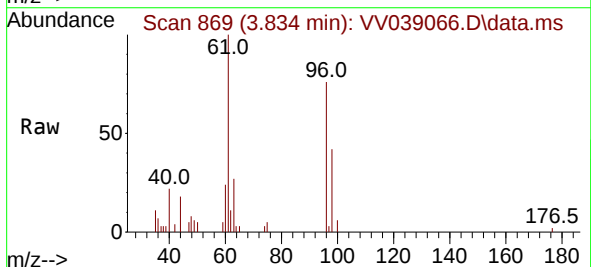
Manual Integrations
APPROVED

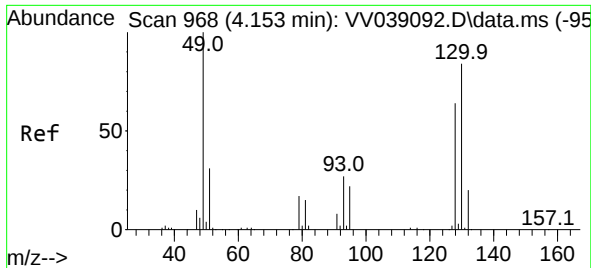
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#22
cis-1,2-Dichloroethene
Concen: 0.368 ug/L m
RT: 3.834 min Scan# 869
Delta R.T. 0.013 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

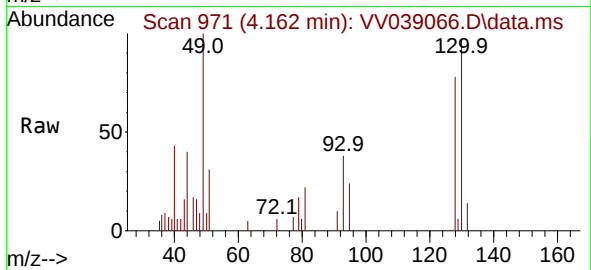
Tgt Ion: 96 Resp: 11036
Ion Ratio Lower Upper
96 100
61 130.8 85.4 158.6
98 55.3 46.6 86.6





#23
Bromochloromethane
Concen: 0.417 ug/L
RT: 4.162 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

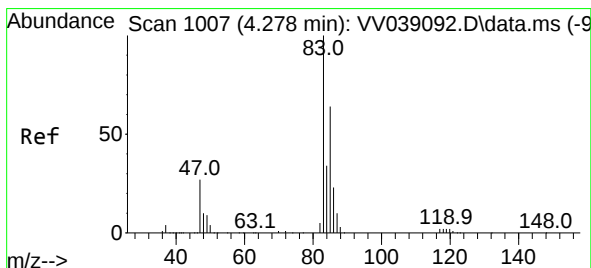
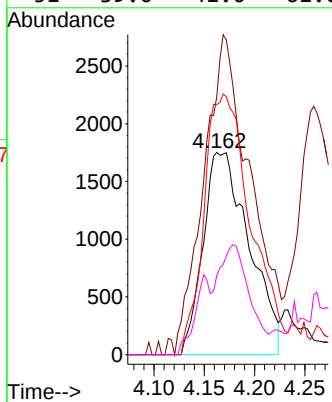
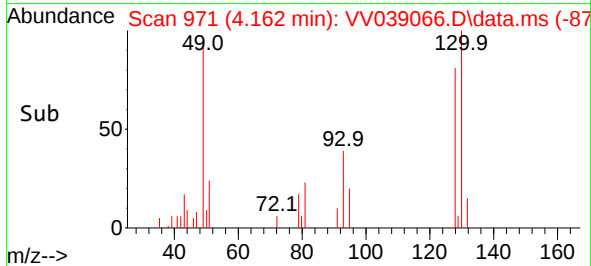
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



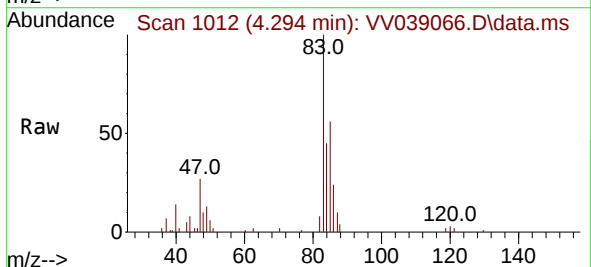
Tgt Ion:128 Resp: 5594
Ion Ratio Lower Upper
128 100
49 127.5 115.3 214.1
130 123.7 93.2 173.0
51 39.0 41.0 61.6#

Manual Integrations
APPROVED

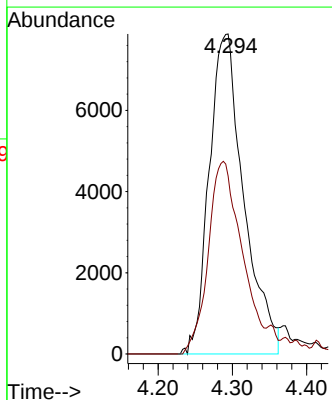
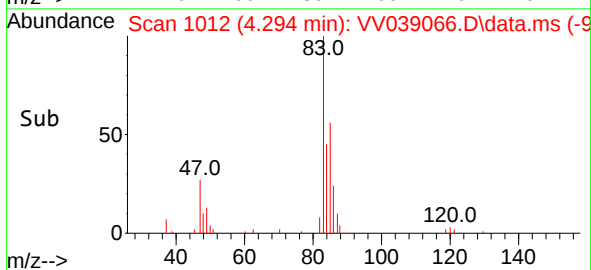
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

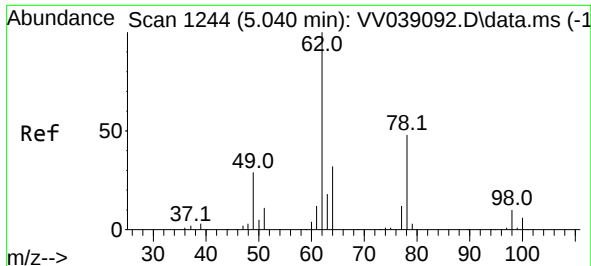


#25
Chloroform
Concen: 0.428 ug/L
RT: 4.294 min Scan# 1012
Delta R.T. 0.016 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



Tgt Ion: 83 Resp: 25490
Ion Ratio Lower Upper
83 100
85 55.6 45.3 84.1





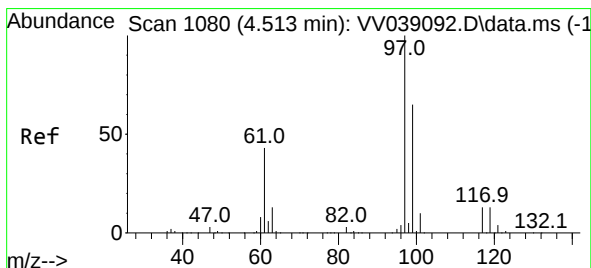
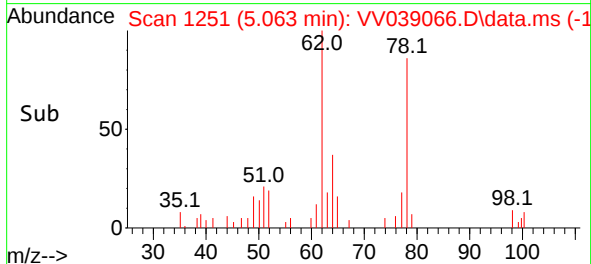
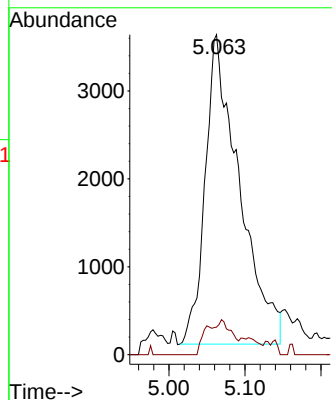
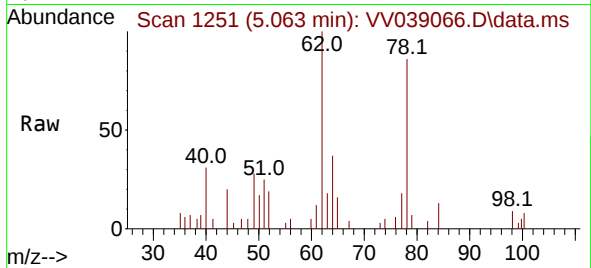
#27
1,2-Dichloroethane
Concen: 0.364 ug/L
RT: 5.063 min Scan# 1095
Delta R.T. 0.019 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion: 62 Resp: 1095
Ion Ratio Lower Upper
62 100
98 8.6 8.6 12.8

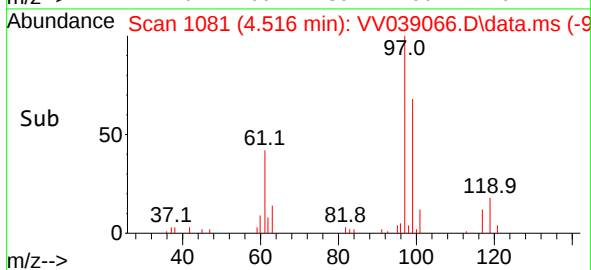
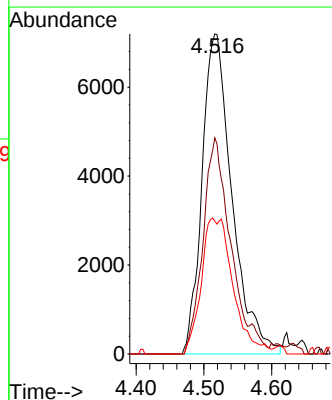
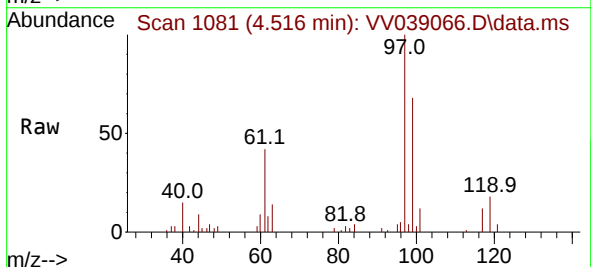
Manual Integrations
APPROVED

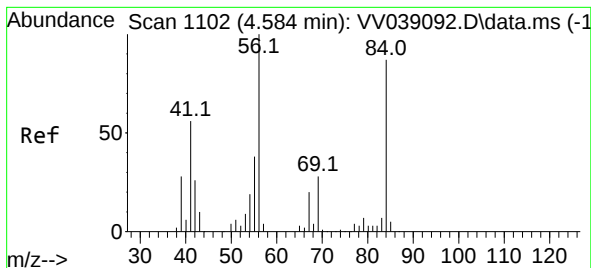
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#29
1,1,1-Trichloroethane
Concen: 0.403 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 97 Resp: 22135
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 22.7 32.9 49.3#





#30

Cyclohexane

Concen: 0.303 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

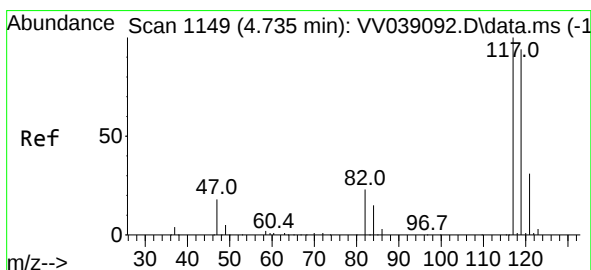
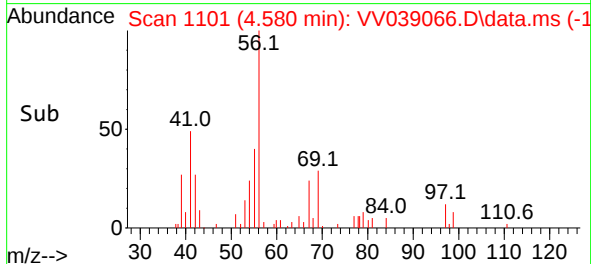
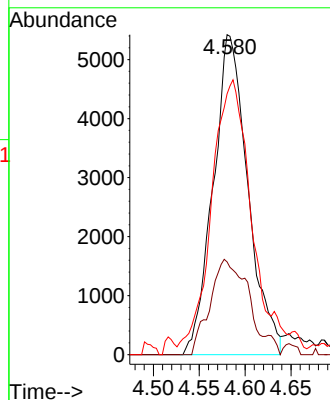
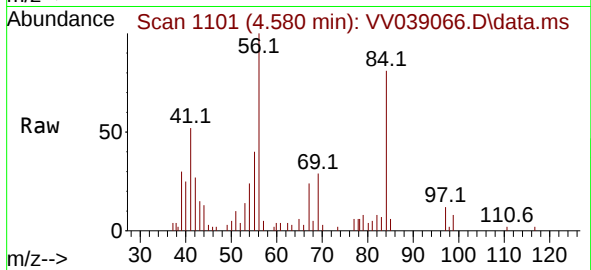
Tgt Ion: 56 Resp: 1429

Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.0	37.6
84	95.2	71.3	106.9

Manual Integrations

APPROVED

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



#31

Carbon tetrachloride

Concen: 0.417 ug/L

RT: 4.738 min Scan# 1150

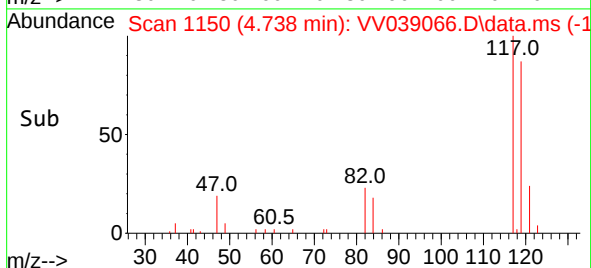
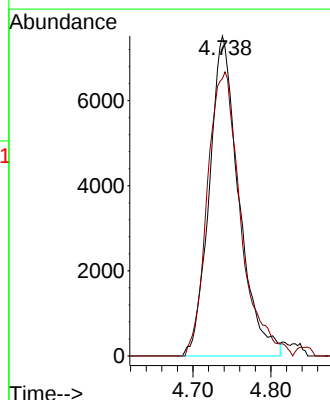
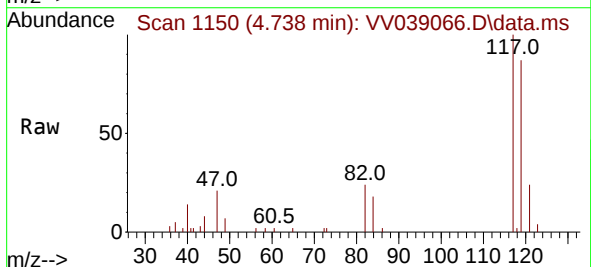
Delta R.T. 0.003 min

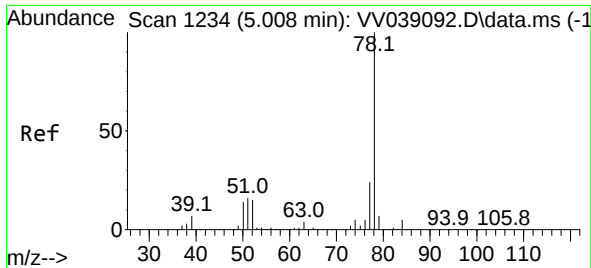
Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Tgt Ion:117 Resp: 19815

Ion	Ratio	Lower	Upper
117	100		
119	99.9	77.4	116.2





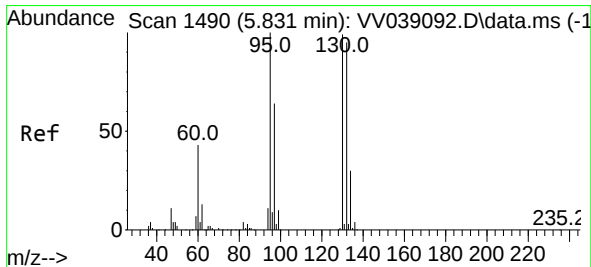
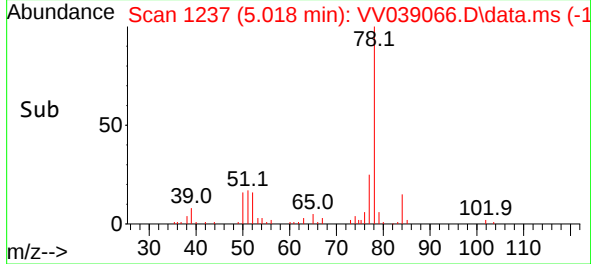
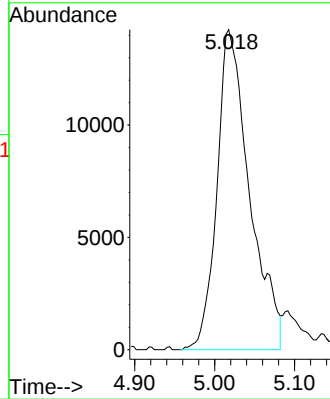
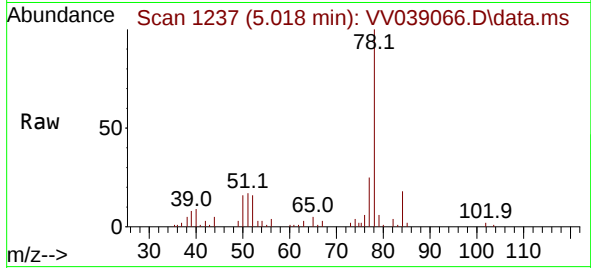
#33
Benzene
Concen: 0.333 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion: 78 Resp: 4040

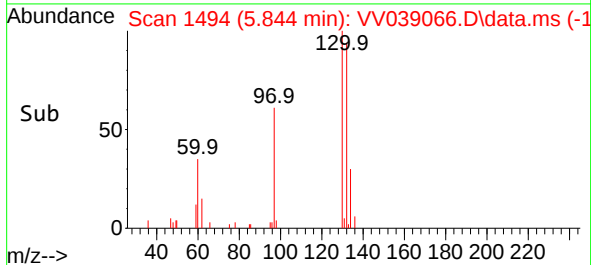
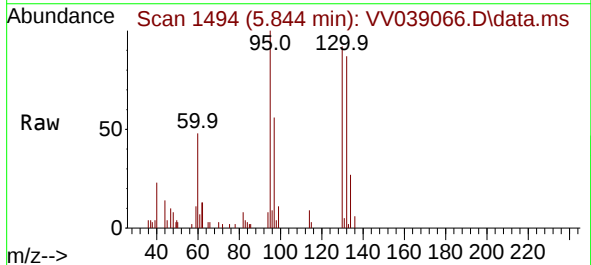
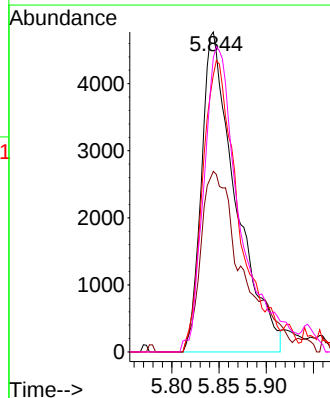
Manual Integrations
APPROVED

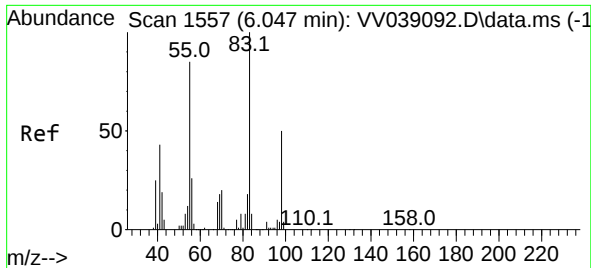
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#34
Trichloroethene
Concen: 0.368 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

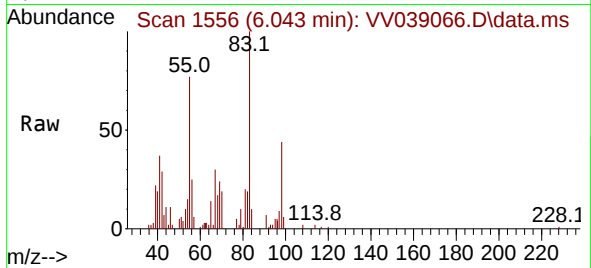
Tgt Ion: 95 Resp: 12018
Ion Ratio Lower Upper
95 100
97 56.5 43.3 80.5
132 86.5 65.5 121.7
130 92.0 70.5 130.9





#35
Methylcyclohexane
Concen: 0.410 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

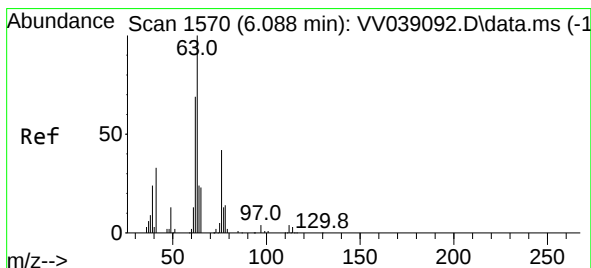
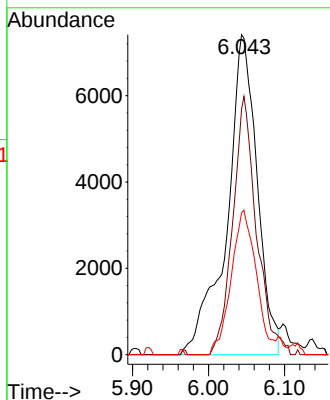
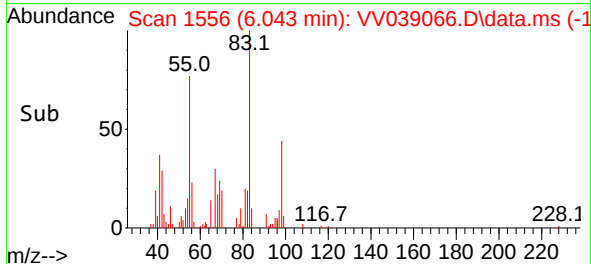
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



Tgt Ion: 83 Resp: 20550
Ion Ratio Lower Upper
83 100
55 63.2 61.4 92.2
98 37.5 38.2 57.4

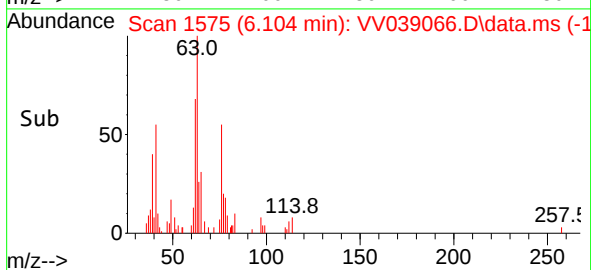
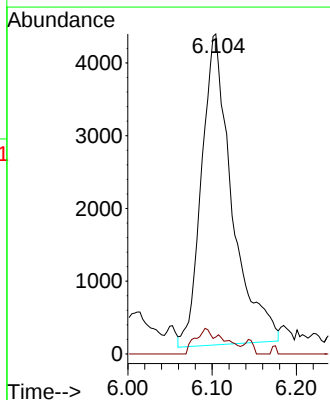
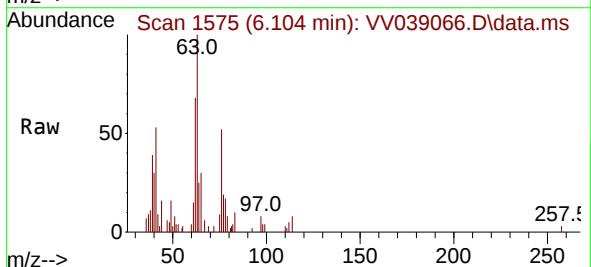
Manual Integrations
APPROVED

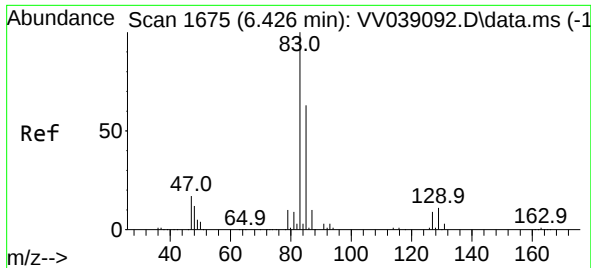
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#37
1,2-Dichloropropane
Concen: 0.358 ug/L
RT: 6.104 min Scan# 1575
Delta R.T. 0.016 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 63 Resp: 10714
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4





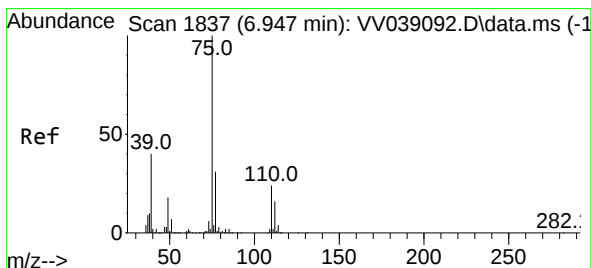
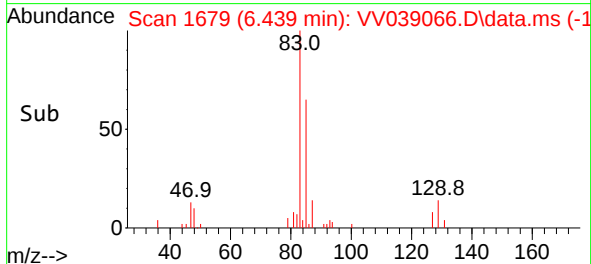
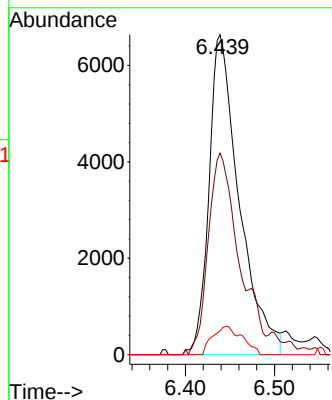
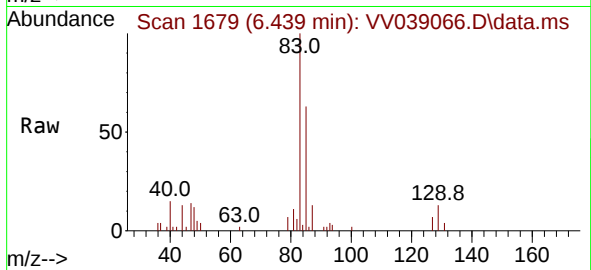
#38
Bromodichloromethane
Concen: 0.384 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion: 83 Resp: 1563
Ion Ratio Lower Upper
83 100
85 63.0 45.8 85.2
127 7.4 6.6 10.0

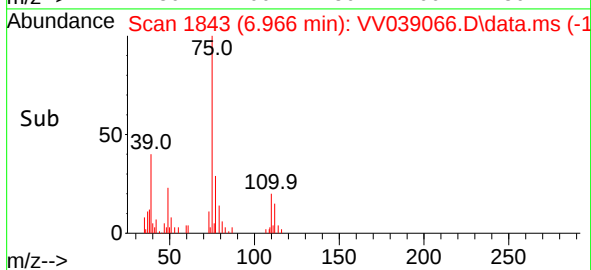
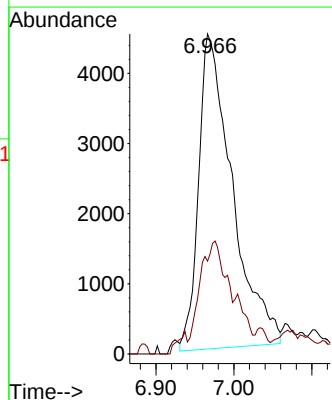
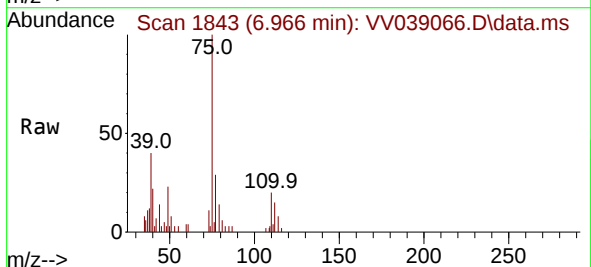
Manual Integrations
APPROVED

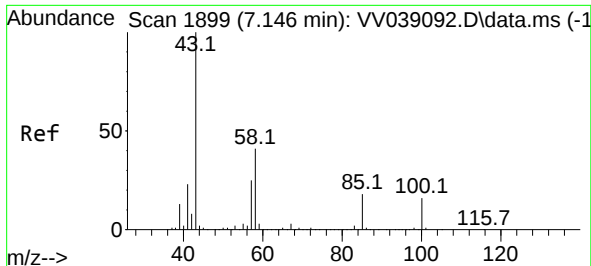
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#39
cis-1,3-Dichloropropene
Concen: 0.332 ug/L
RT: 6.966 min Scan# 1843
Delta R.T. 0.016 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 75 Resp: 13456
Ion Ratio Lower Upper
75 100
77 29.0 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 3.066 ug/L m

RT: 7.162 min Scan# 1904

Delta R.T. 0.013 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

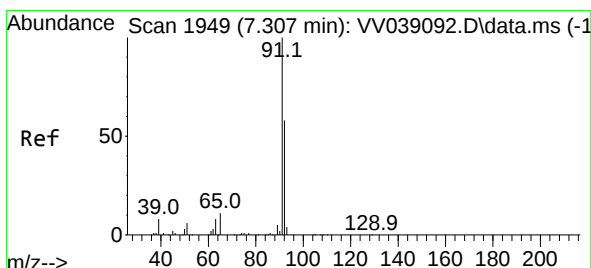
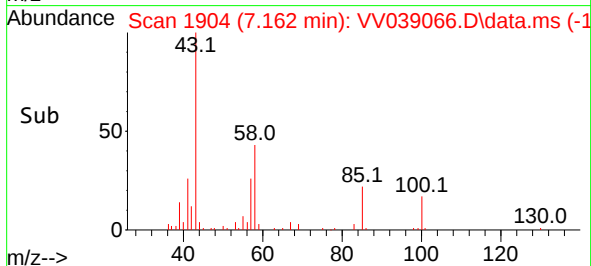
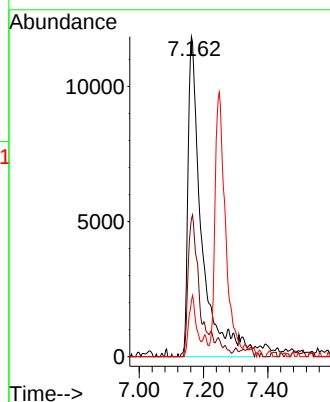
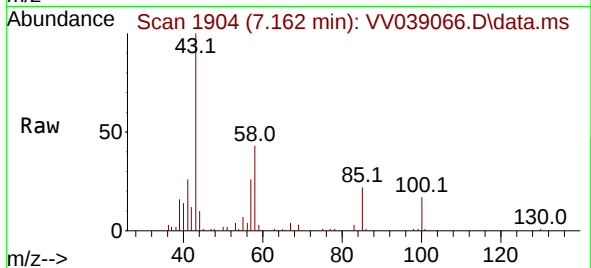
VSTD0.5253

Tgt Ion:	43	Resp:	3648
Ion	Ratio	Lower	Upper
43	100		
58	32.7	31.7	47.5
100	10.4	13.0	19.4

Manual Integrations

APPROVED

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



#42

Toluene

Concen: 0.305 ug/L

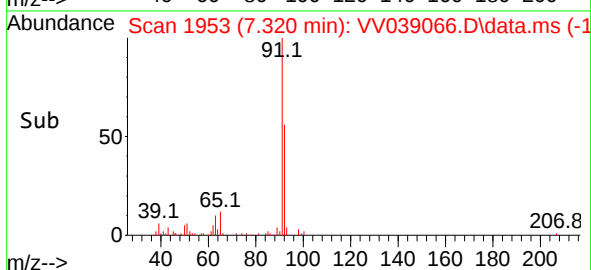
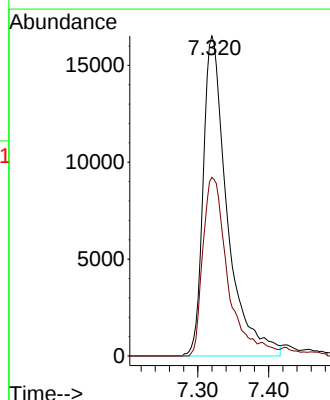
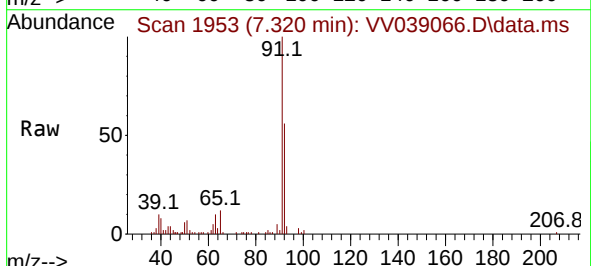
RT: 7.320 min Scan# 1953

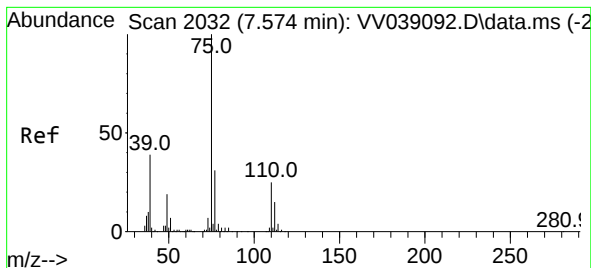
Delta R.T. 0.010 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Tgt Ion:	91	Resp:	38772
Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.5	75.1





#44

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 7.606 min Scan# 2042

Delta R.T. 0.029 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

Tgt Ion: 75 Resp: 11979

Ion Ratio Lower Upper

75 100

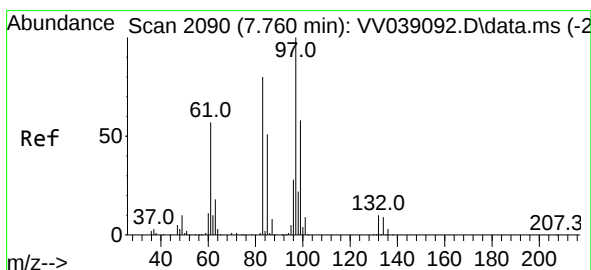
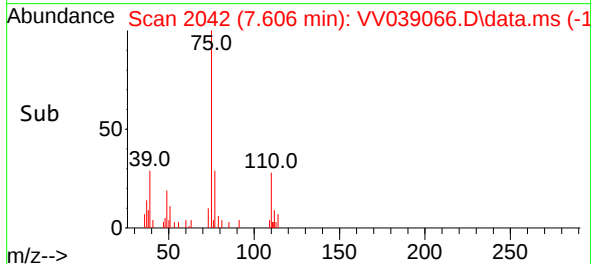
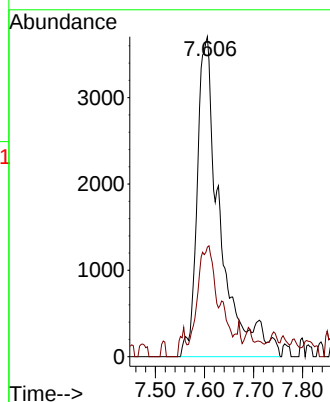
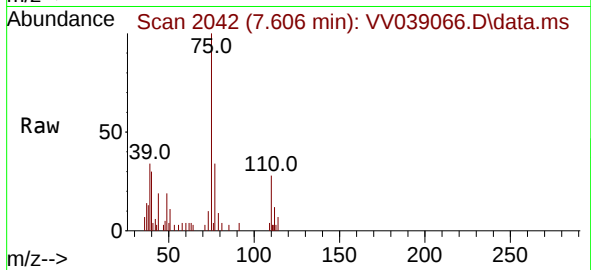
77 34.2 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#45

1,1,2-Trichloroethane

Concen: 0.402 ug/L

RT: 7.776 min Scan# 2095

Delta R.T. 0.013 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Tgt Ion: 97 Resp: 8609

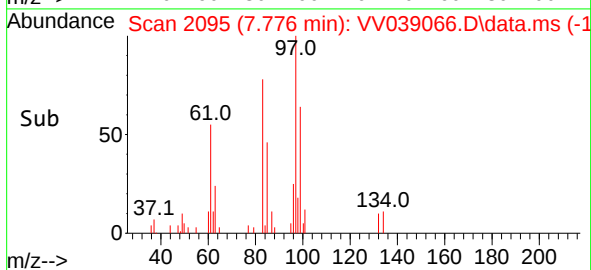
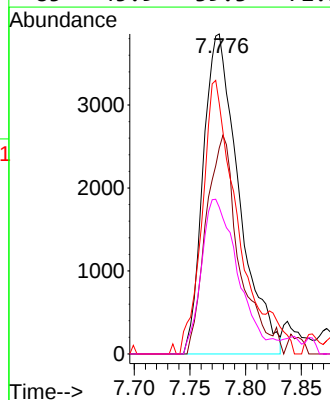
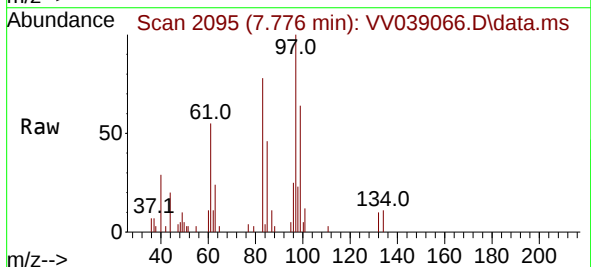
Ion Ratio Lower Upper

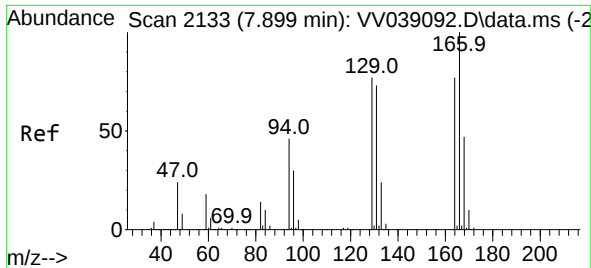
97 100

99 64.3 43.3 80.3

83 78.3 61.7 114.7

85 45.9 39.3 72.9





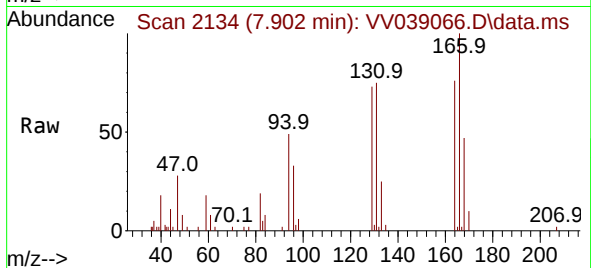
#47
Tetrachloroethene
Concen: 0.385 ug/L
RT: 7.902 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

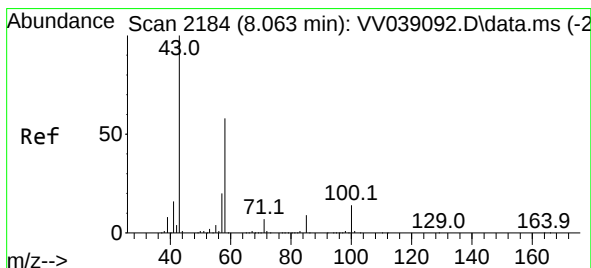
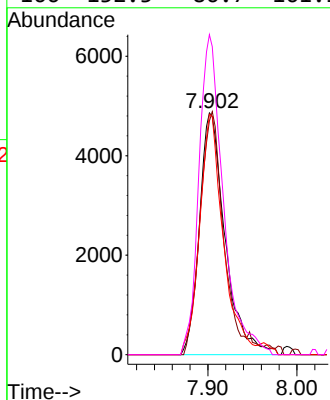
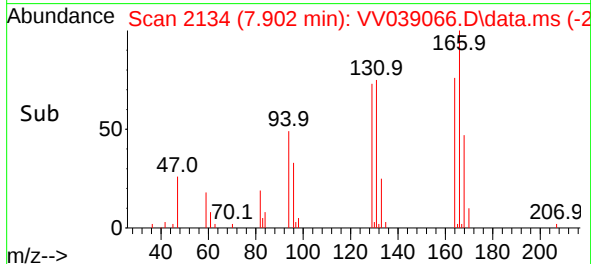


Tgt Ion:164 Resp: 9710
Ion Ratio Lower Upper
164 100
129 96.7 68.0 126.4
131 99.4 65.4 121.4
166 132.3 86.7 161.1

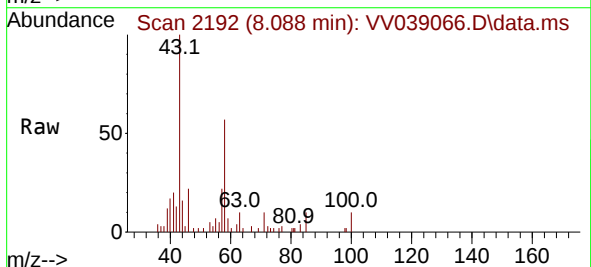
Manual Integrations

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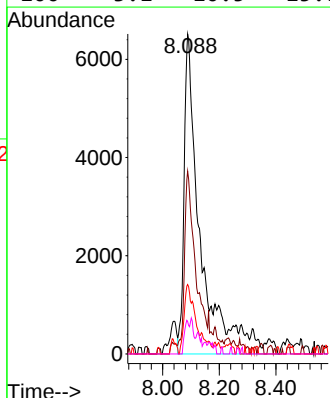
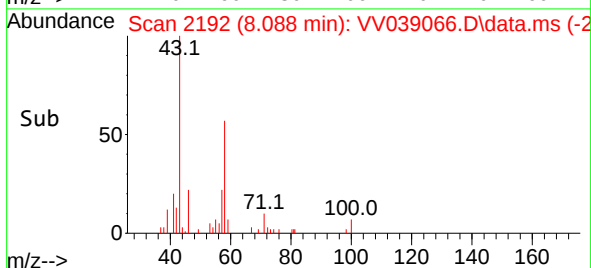
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

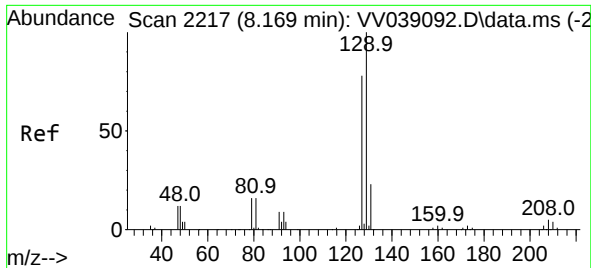


#48
2-Hexanone
Concen: 3.388 ug/L m
RT: 8.088 min Scan# 2192
Delta R.T. 0.023 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



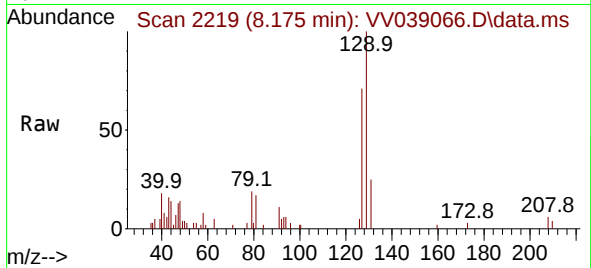
Tgt Ion: 43 Resp: 26589
Ion Ratio Lower Upper
43 100
58 34.8 45.6 68.4#
57 13.1 15.6 23.4#
100 3.1 10.5 15.7#





#49
Dibromochloromethane
Concen: 0.388 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

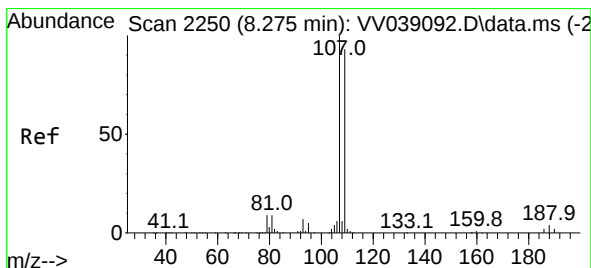
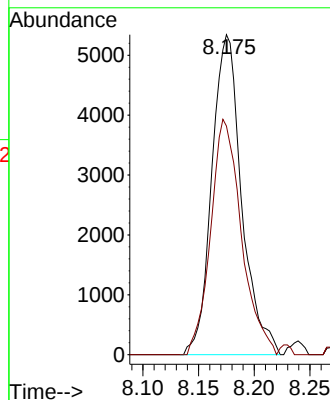
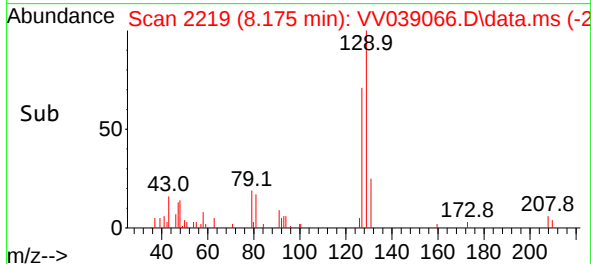
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



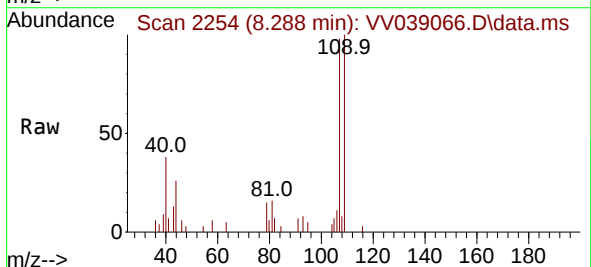
Tgt Ion:129 Resp: 9958
Ion Ratio Lower Upper
129 100
127 71.5 56.7 105.3

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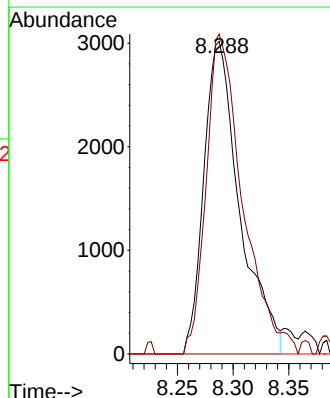
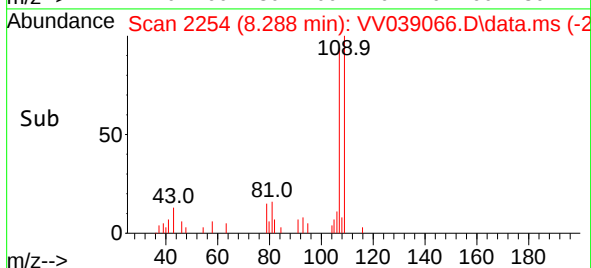
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

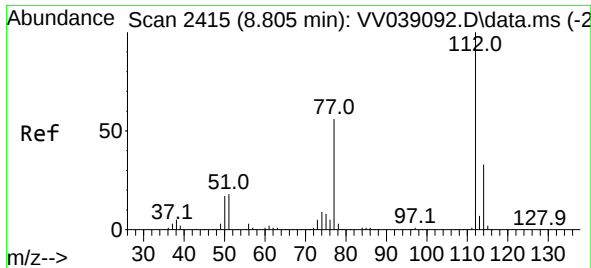


#50
1,2-Dibromoethane
Concen: 0.347 ug/L
RT: 8.288 min Scan# 2254
Delta R.T. 0.013 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



Tgt Ion:107 Resp: 6768
Ion Ratio Lower Upper
107 100
109 102.4 67.1 124.7
188 0.0 2.5 3.7#





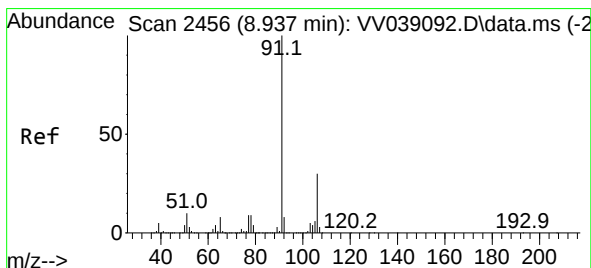
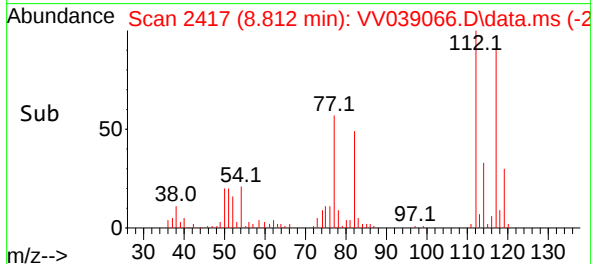
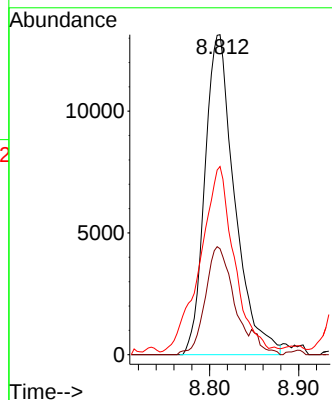
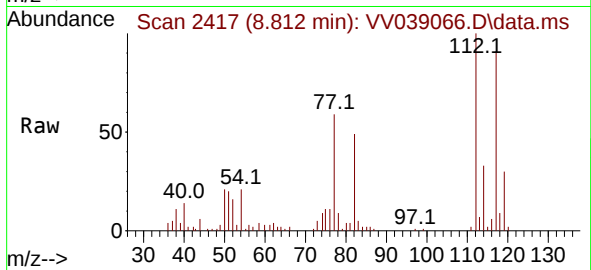
#51
Chlorobenzene
Concen: 0.368 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion: 112 Resp: 3049
Ion Ratio Lower Upper
112 100
114 33.1 23.0 42.6
77 58.8 46.6 69.8

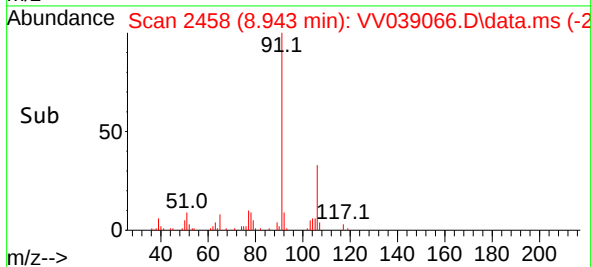
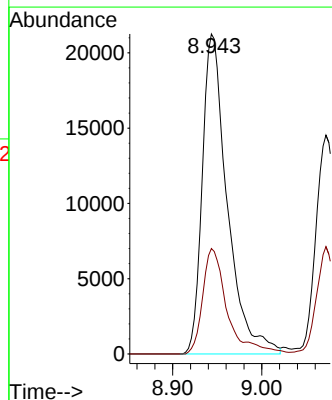
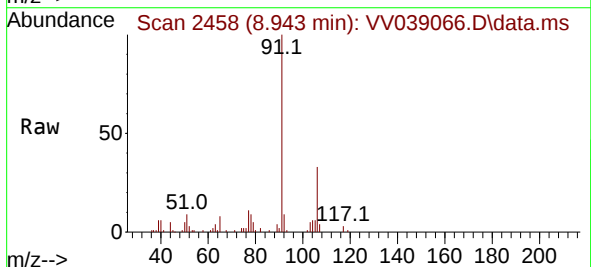
Manual Integrations
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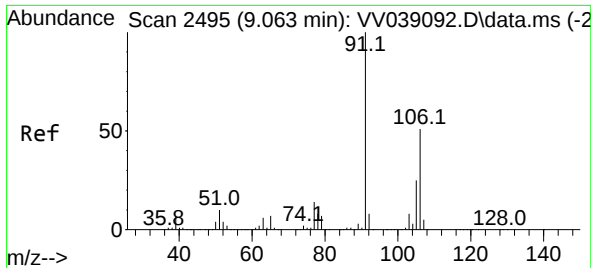
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#52
Ethylbenzene
Concen: 0.315 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 91 Resp: 41520
Ion Ratio Lower Upper
91 100
106 32.9 20.8 38.6





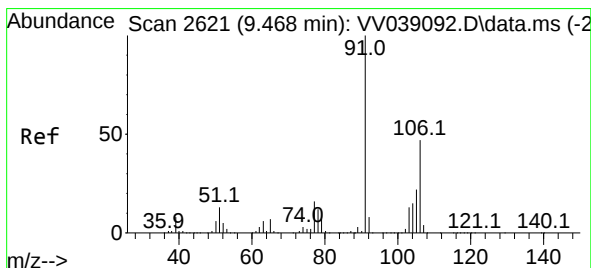
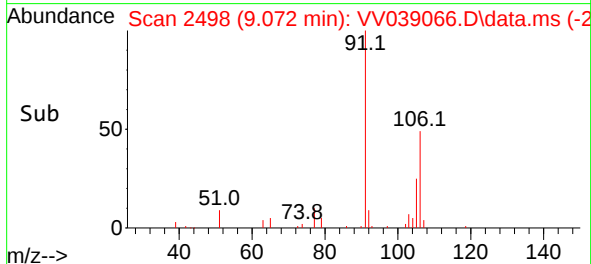
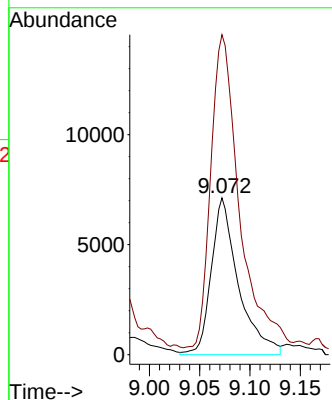
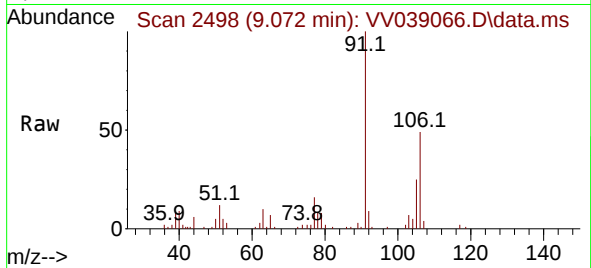
#53
m,p-Xylene
Concen: 0.263 ug/L
RT: 9.072 min Scan# 2495
Delta R.T. 0.010 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion:106 Resp: 13414
Ion Ratio Lower Upper
106 100
91 204.0 140.1 260.3

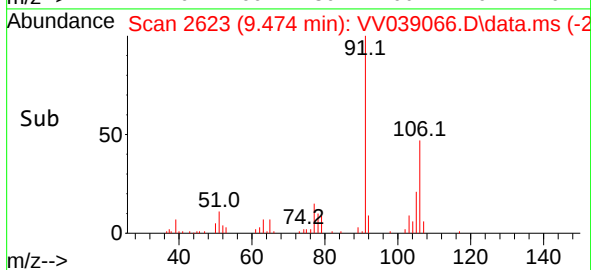
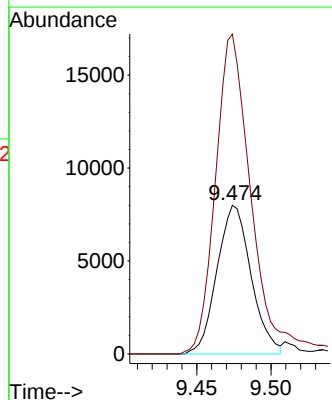
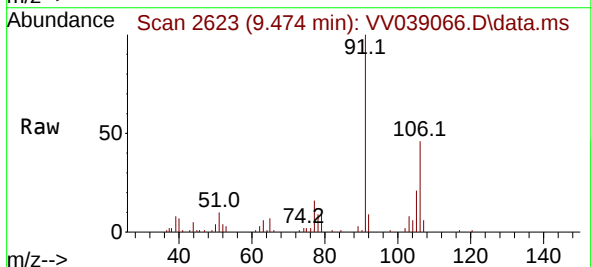
Manual Integrations
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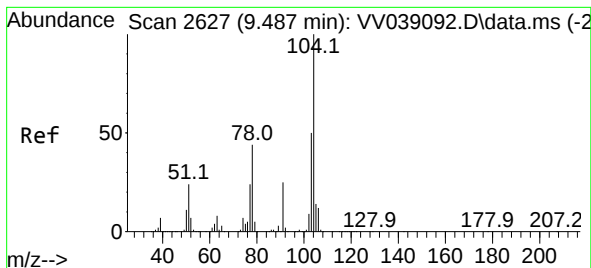
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#54
o-Xylene
Concen: 0.276 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.007 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion:106 Resp: 12779
Ion Ratio Lower Upper
106 100
91 215.2 150.7 279.9





#55

Styrene

Concen: 0.247 ug/L

RT: 9.500 min Scan# 20

Delta R.T. 0.013 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

Tgt Ion:104 Resp: 1984

Ion Ratio Lower Upper

104 100

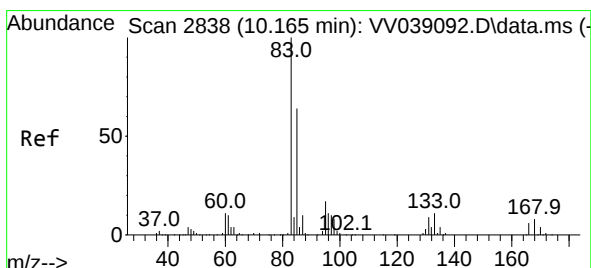
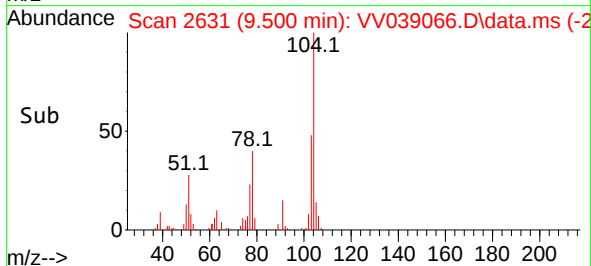
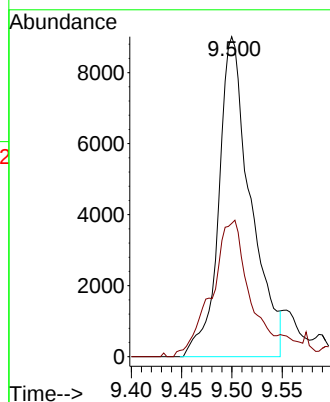
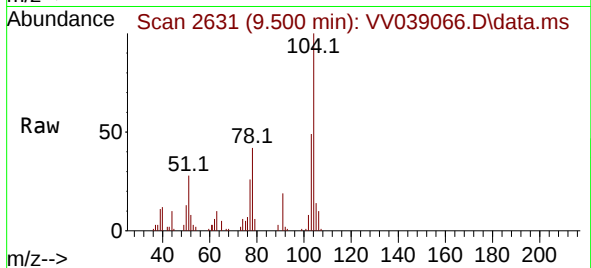
78 41.6 29.9 55.5

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Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#57

1,1,2,2-Tetrachloroethane

Concen: 0.377 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.006 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

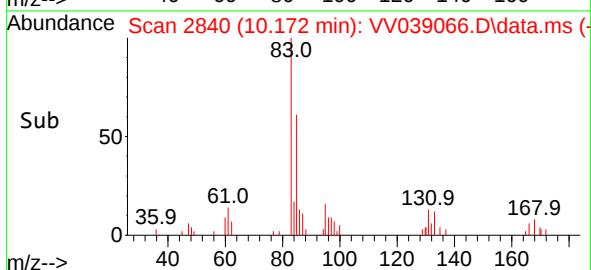
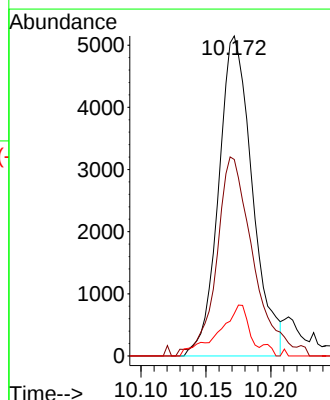
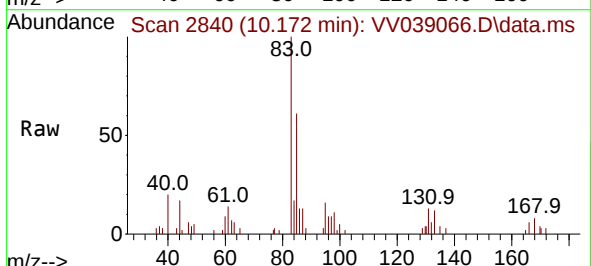
Tgt Ion: 83 Resp: 9321

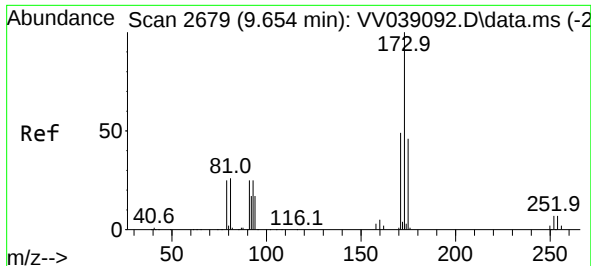
Ion Ratio Lower Upper

83 100

85 61.4 45.4 84.4

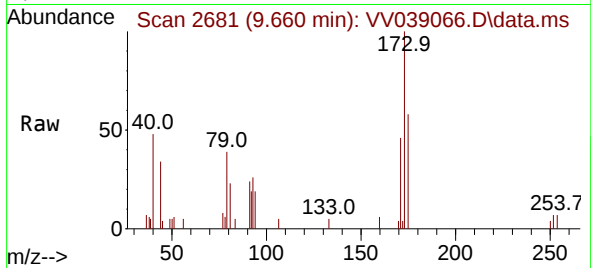
131 13.2 7.2 10.8#





#59
Bromoform
Concen: 0.471 ug/L
RT: 9.660 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

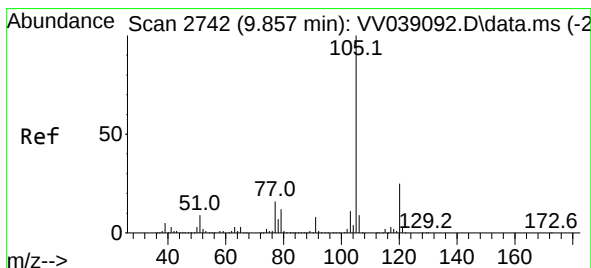
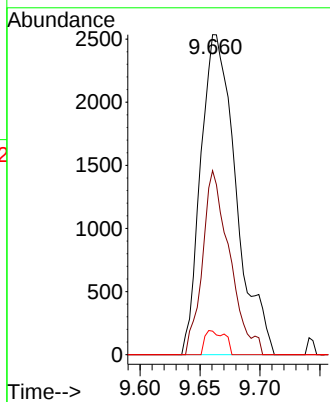
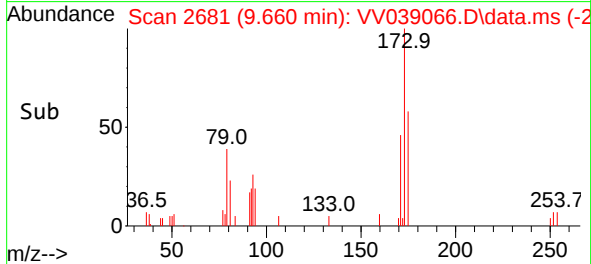
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



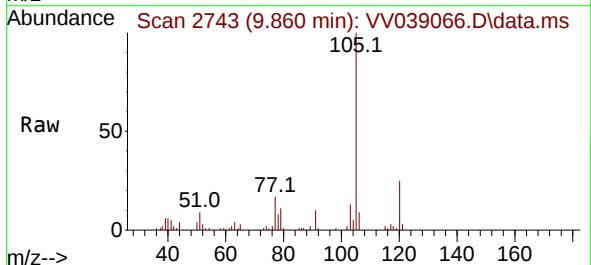
Tgt Ion:173 Resp: 518
Ion Ratio Lower Upper
173 100
175 44.3 38.8 58.2
254 4.2 6.8 10.2

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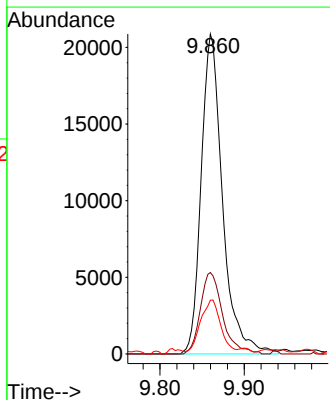
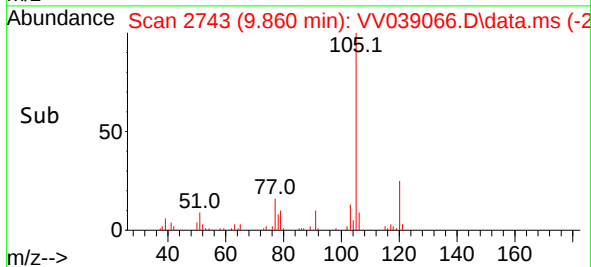
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

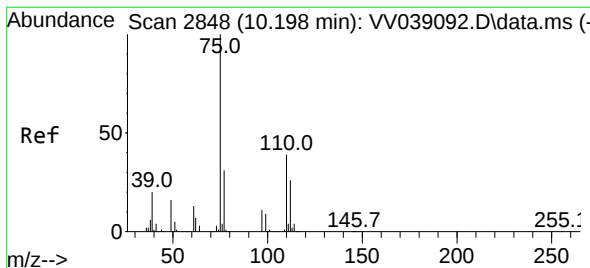


#60
Isopropylbenzene
Concen: 0.344 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



Tgt Ion:105 Resp: 36846
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 15.0 12.5 18.7





#61

1,2,3-Trichloropropane

Concen: 0.387 ug/L

RT: 10.207 min Scan# 2848

Delta R.T. 0.006 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

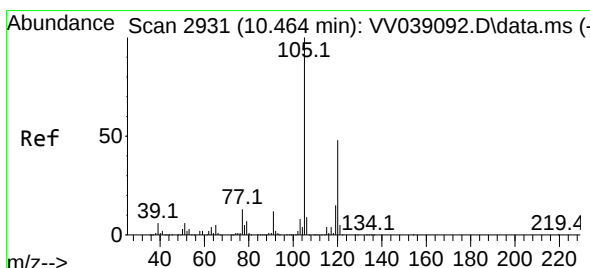
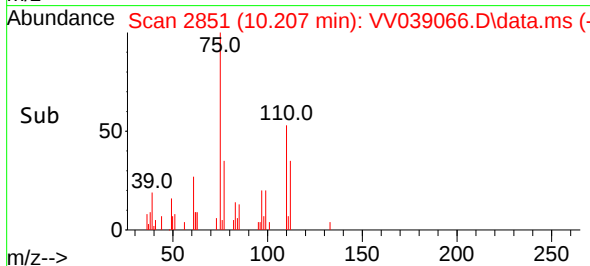
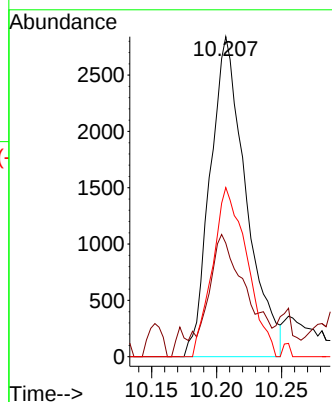
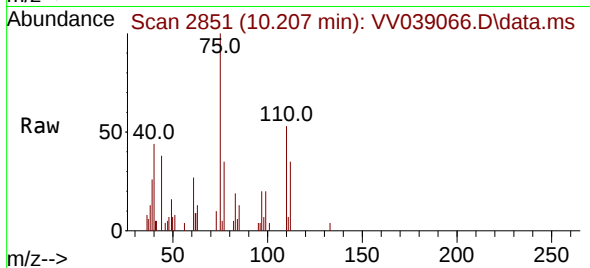
VSTD0.5253

Tgt Ion: 75	Resp: 5449
Ion Ratio	Lower Upper
75 100	
77 30.3	25.1 37.7
110 50.9	31.0 46.4

Manual Integrations

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



#62

1,3,5-Trimethylbenzene

Concen: 0.350 ug/L

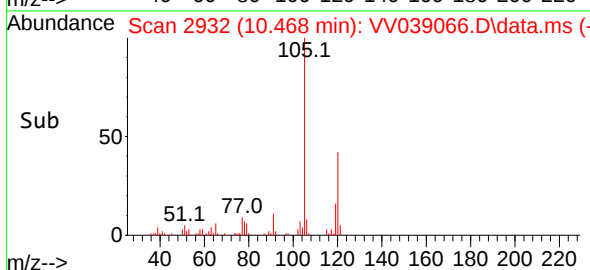
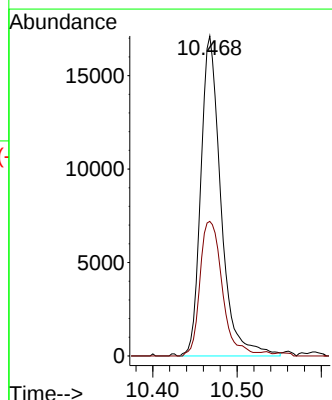
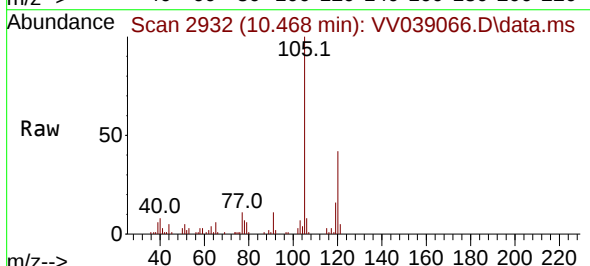
RT: 10.468 min Scan# 2932

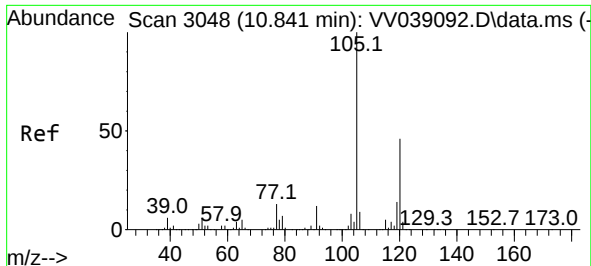
Delta R.T. 0.003 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

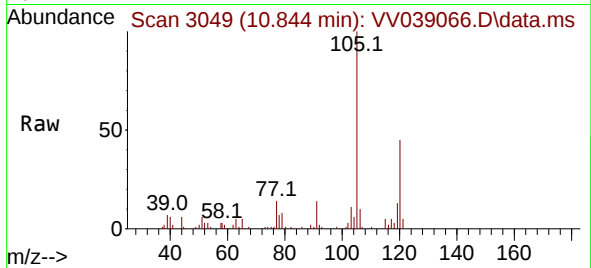
Tgt Ion:105	Resp: 28514
Ion Ratio	Lower Upper
105 100	
120 46.4	39.1 58.7





#63
1,2,4-Trimethylbenzene
Concen: 0.327 ug/L
RT: 10.844 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

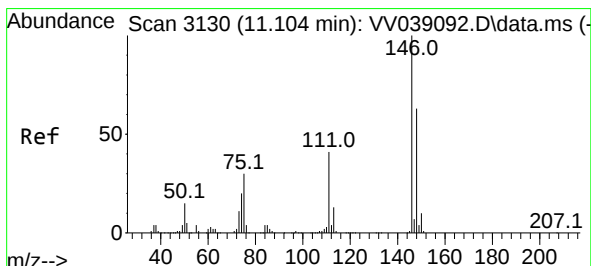
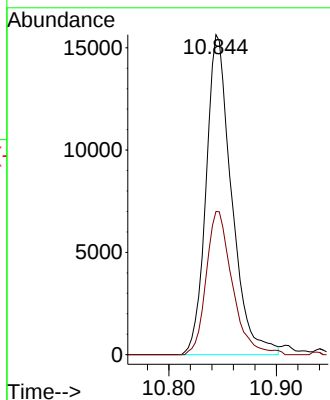
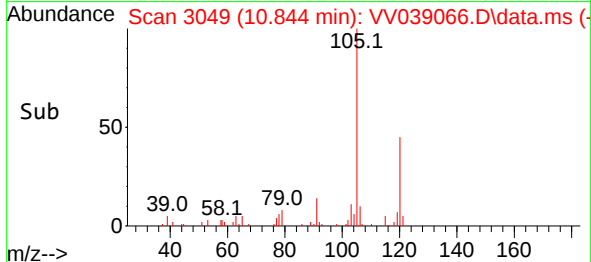
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



Tgt Ion:105 Resp: 2582
Ion Ratio Lower Upper
105 100
120 45.8 36.6 54.8

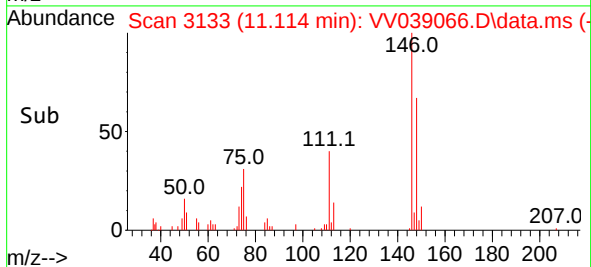
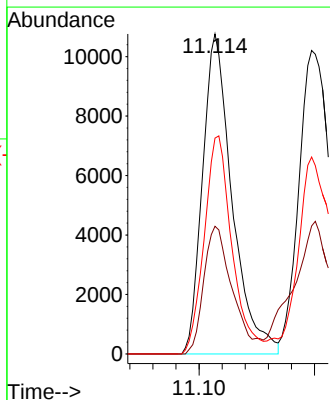
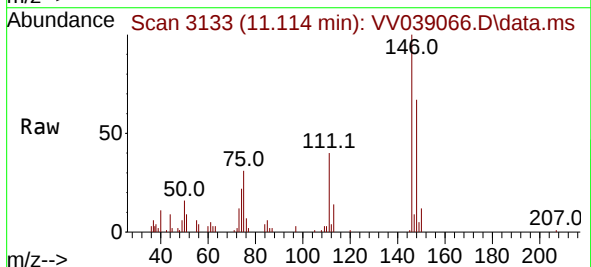
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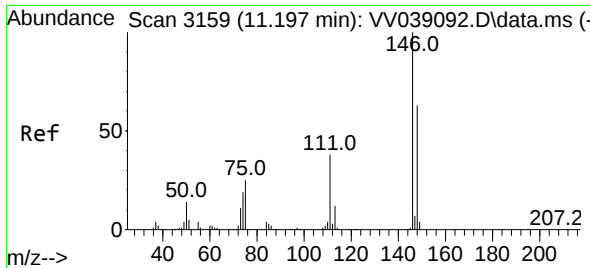
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#64
1,3-Dichlorobenzene
Concen: 0.373 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion:146 Resp: 19131
Ion Ratio Lower Upper
146 100
111 39.9 28.3 52.7
148 67.4 42.9 79.7





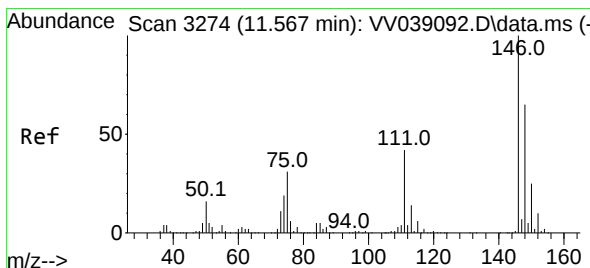
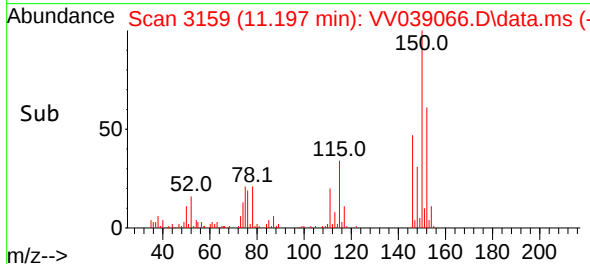
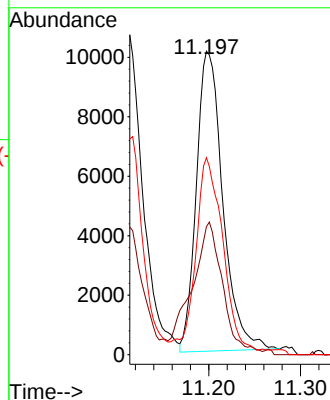
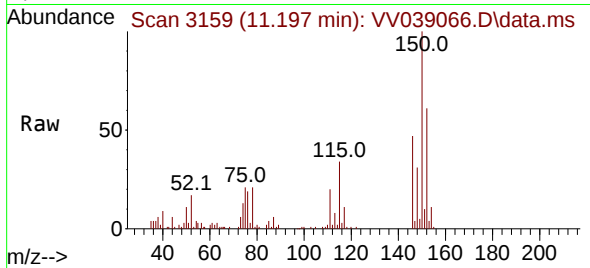
#65
1,4-Dichlorobenzene
Concen: 0.384 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion:146 Resp: 20254
Ion Ratio Lower Upper
146 100
111 42.2 27.2 50.6
148 64.9 43.8 81.4

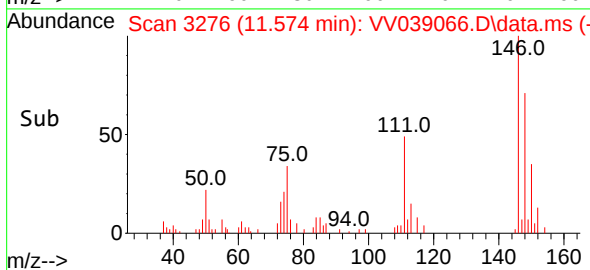
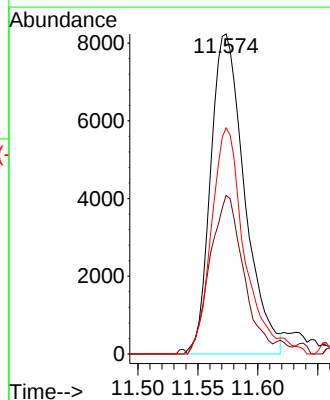
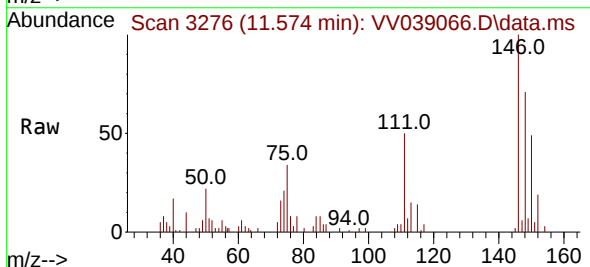
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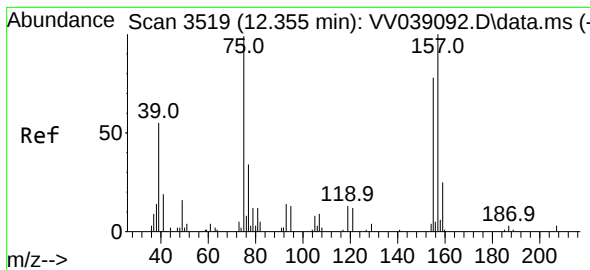
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#67
1,2-Dichlorobenzene
Concen: 0.355 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.007 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

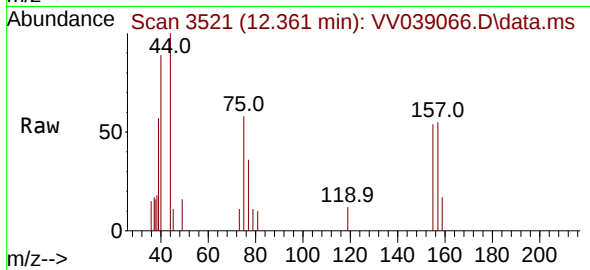
Tgt Ion:146 Resp: 16194
Ion Ratio Lower Upper
146 100
111 49.6 33.4 50.2
148 70.6 51.1 76.7





#68
1,2-Dibromo-3-chloropropane
Concen: 0.376 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

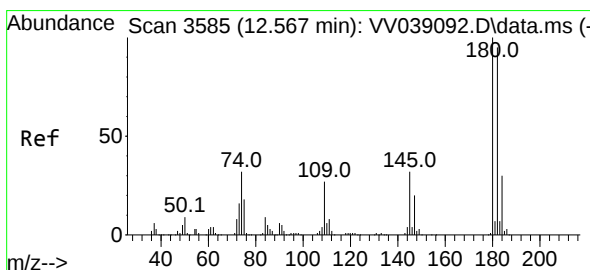
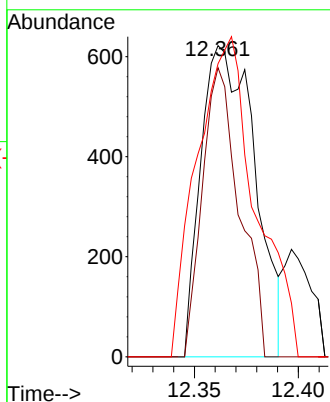
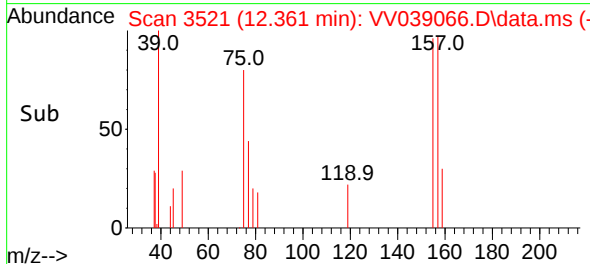
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253



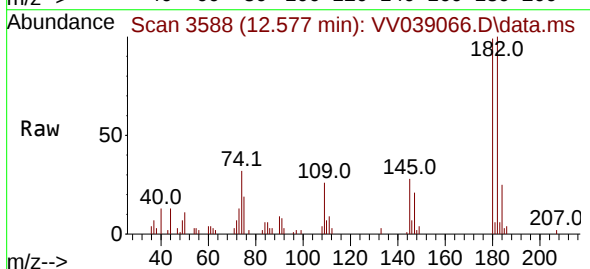
Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
155 92.9 59.4 89.0
157 94.2 76.2 114.2

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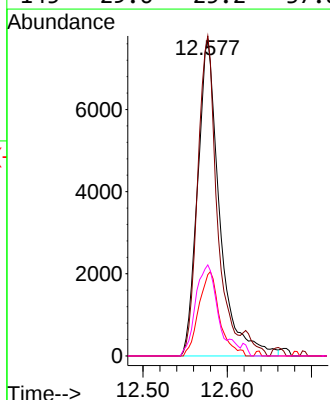
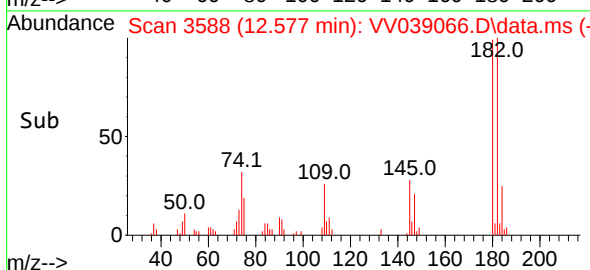
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

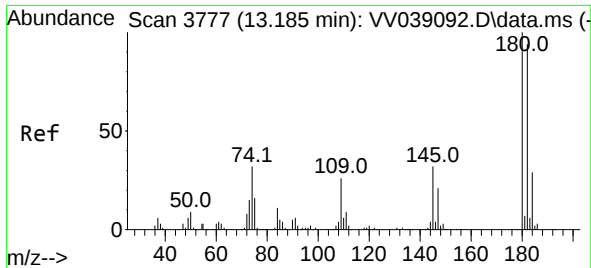


#69
1,3,5-Trichlorobenzene
Concen: 0.429 ug/L
RT: 12.577 min Scan# 3588
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



Tgt Ion:180 Resp: 13999
Ion Ratio Lower Upper
180 100
182 88.2 76.3 114.5
184 25.1 24.0 36.0
145 29.6 25.2 37.8





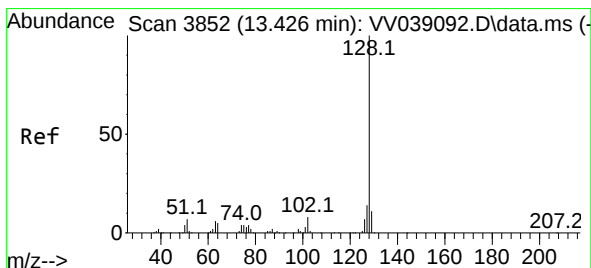
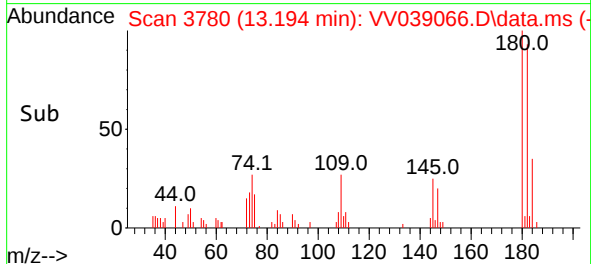
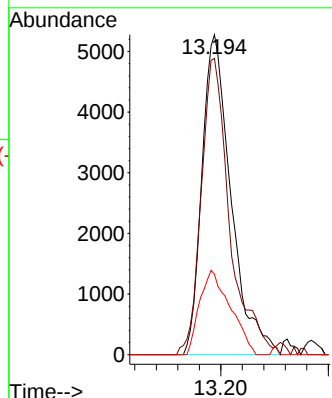
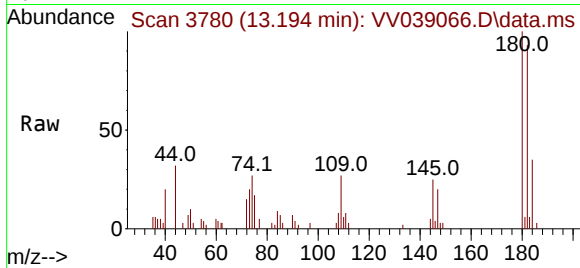
#70
1,2,4-trichlorobenzene
Concen: 0.394 ug/L
RT: 13.194 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion:180 Resp: 9884
Ion Ratio Lower Upper
180 100
182 90.4 73.2 109.8
145 27.8 25.0 37.4

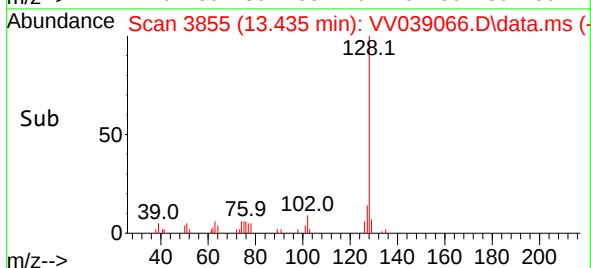
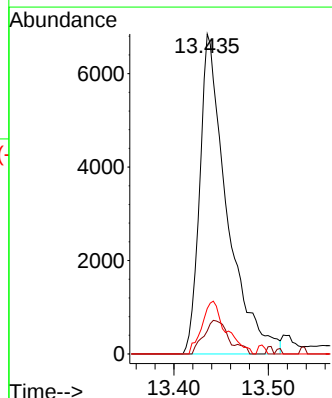
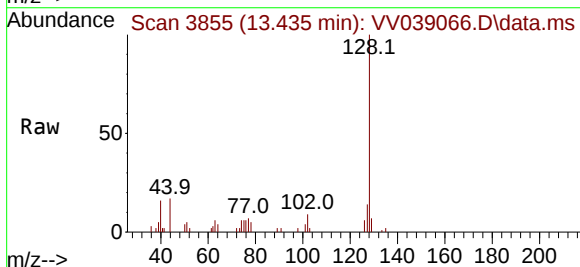
Manual Integrations
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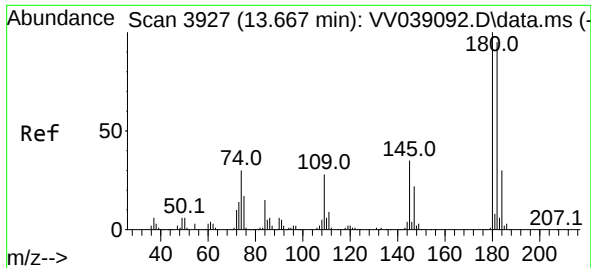
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#71
Naphthalene
Concen: 0.351 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.010 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

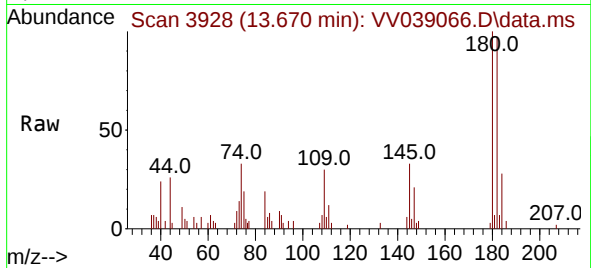
Tgt Ion:128 Resp: 13635
Ion Ratio Lower Upper
128 100
129 8.8 8.6 12.8
127 14.6 10.8 16.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.390 ug/L
 RT: 13.670 min Scan# 3928
 Delta R.T. 0.003 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253



Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.0	76.6	115.0
145	30.5	27.4	41.2

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

