

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082125\
 Data File : VL042878.D
 Acq On : 22 Aug 2025 09:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 22 09:51:44 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 22 09:51:44 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	121639	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	354779	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	301944	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 231892 10.240 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	173896	9.755	ppbv	98
3) Chlorodifluoromethane	1.473	51	203667	10.336	ppbv	100
4) Chloromethane	1.531	50	68978	9.588	ppbv	98
5) Vinyl Chloride	1.580	62	63855	9.013	ppbv	96
6) Bromomethane	1.667	94	25182	8.889	ppbv	96
7) Chloroethane	1.703	64	24503	8.856	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	141777	9.719	ppbv	97
9) Propene	1.483	41	27596m	3.243	ppbv	
10) Heptane	4.981	43	215328	9.447	ppbv	97
11) Trichlorofluoromethane	1.877	101	164870	9.374	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	131215	9.360	ppbv	97
13) Ethanol	1.722	45	6483	8.332	ppbv	91
14) Bromoethene	1.780	108	49669	9.787	ppbv	97
15) Acetone	1.835	43	128002	7.955	ppbv	100
16) 1,3-Butadiene	1.609	39	63770	8.742	ppbv	100
17) tert-Butyl alcohol	2.039	59	152875	8.012	ppbv	98
18) 1,1-Dichloroethene	2.033	96	58558	9.501	ppbv	91
19) Isopropyl Alcohol	1.887	45	84188	8.760	ppbv	97
20) Methylene Chloride	2.062	84	50056	7.426	ppbv	90
21) Allyl Chloride	2.098	41	105288	9.262	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	66625	9.344	ppbv	95
23) Vinyl Acetate	2.463	43	202987	9.175	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	133833	9.398	ppbv	100
25) Ethyl Acetate	2.836	43	383432	9.846	ppbv	99
26) Hexane	2.826	57	176932	9.843	ppbv	97
27) Carbon Disulfide	2.149	76	168050	9.607	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	81215	8.861	ppbv	93
29) Chloroform	2.848	83	265966	10.363	ppbv	96
30) Cyclohexane	3.855	84	150524	9.551	ppbv	99
31) cis-1,2-Dichloroethene	2.722	61	177498	9.886	ppbv	96
32) 1,1,1-Trichloroethane	3.370	97	263614	9.719	ppbv	99
34) 2-Butanone	2.557	43	251681	10.506	ppbv	100
35) Carbon Tetrachloride	3.764	117	259521	10.611	ppbv	98
36) Benzene	3.658	78	355956	10.477	ppbv	99
37) 1,2-Dichloroethane	3.221	62	205812	11.596	ppbv	98
38) Trichloroethene	4.548	130	151307	9.752	ppbv	93
39) 1,2-Dichloropropane	4.311	63	130300	10.501	ppbv	97
40) 1,4-Dioxane	4.583	88	56270	9.537	ppbv #	91
41) Tetrahydrofuran	3.056	42	139271	10.427	ppbv	99
42) Bromodichloromethane	4.489	83	291542	11.023	ppbv	98
43) Methyl Methacrylate	4.884	69	136621	9.762	ppbv	96
44) 2,2,4-Trimethylpentane	4.642	57	592219	10.270	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	152846	9.677	ppbv	100

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Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

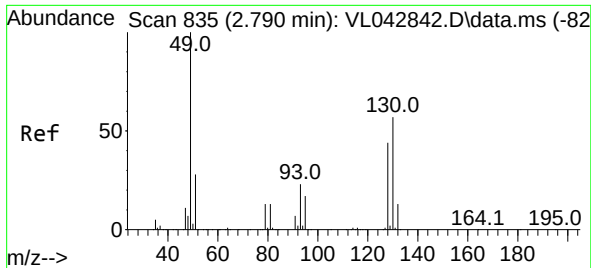
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 22 09:51:44 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

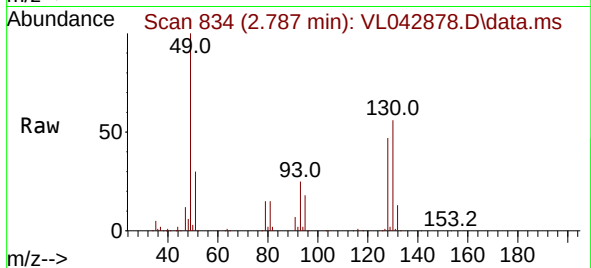
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	200539	10.190	ppbv	94
47) 1,1,2-Trichloroethane	6.584	97	136453	10.380	ppbv	96
48) Dibromochloromethane	7.386	129	222797	10.473	ppbv	99
49) Bromoform	9.484	173	176567	10.064	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	332273	10.261	ppbv	98
51) 2-Hexanone	7.438	43	265967	10.438	ppbv #	96
52) Tetrachloroethene	8.225	164	108289	8.811	ppbv	97
53) Toluene	6.936	91	400789	9.923	ppbv	100
54) 1,2-Dibromoethane	7.655	107	199322	10.375	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.927	131	161692	10.355	ppbv	99
57) Chlorobenzene	8.924	112	298724	10.405	ppbv	98
58) Ethyl Benzene	9.357	91	554242	10.402	ppbv	99
59) m/p-Xylene	9.552	91	888386m	21.271	ppbv	
60) o-Xylene	9.966	91	440384	10.482	ppbv	99
61) Styrene	9.872	104	196520	9.984	ppbv	98
62) Isopropylbenzene	10.542	105	629494	10.253	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	243312	10.531	ppbv	99
64) n-propylbenzene	10.989	120	156971	10.020	ppbv	90
65) tert-Butylbenzene	11.532	119	537204	9.925	ppbv	96
66) Benzyl Chloride	11.617	91	46426	6.757	ppbv	99
67) sec-Butylbenzene	11.769	105	783802	10.317	ppbv	98
69) p-Isopropyltoluene	11.927	119	641670	9.838	ppbv	98
70) n-Butylbenzene	12.283	91	680980	10.527	ppbv	98
71) 2-Chlorotoluene	10.901	91	491389	10.307	ppbv	97
72) 4-Ethyltoluene	11.128	105	530826	10.423	ppbv	98
73) 1,3,5-Trimethylbenzene	11.205	105	441579	10.196	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	481659	10.132	ppbv	96
75) 1,3-Dichlorobenzene	11.610	146	277036	10.251	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	273883	10.021	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	263235	9.947	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	171117	7.890	ppbv	99
79) Naphthalene	13.513	128	431690	10.016	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	129094	8.016	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	209905	9.690	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

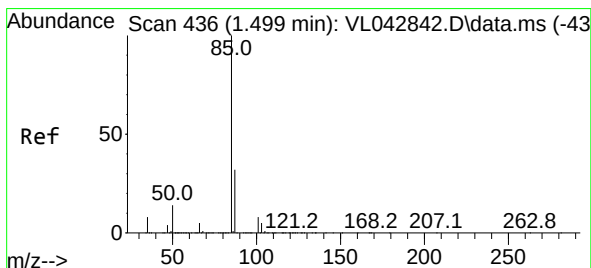
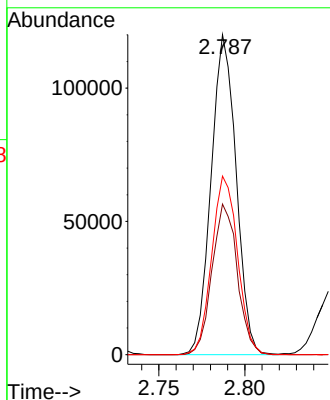
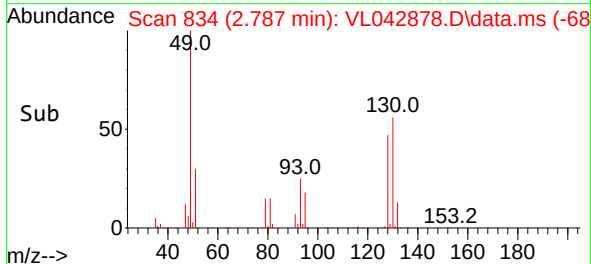
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 121639
Ion Ratio Lower Upper
49 100
128 47.5 23.7 71.1
130 57.5 30.6 91.6

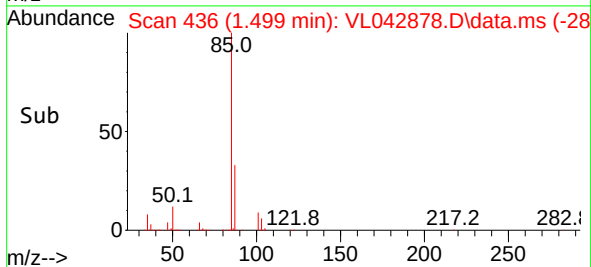
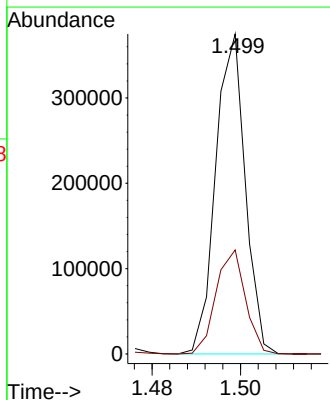
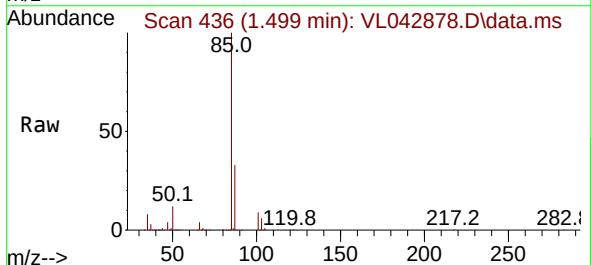
Manual Integrations
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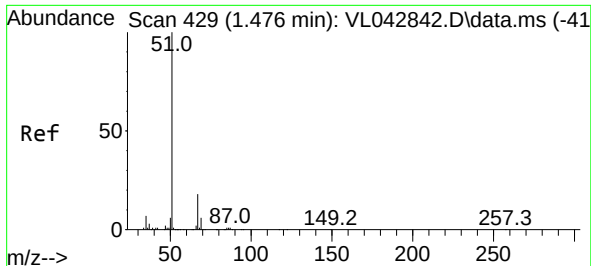
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#2
Dichlorodifluoromethane
Concen: 9.755 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

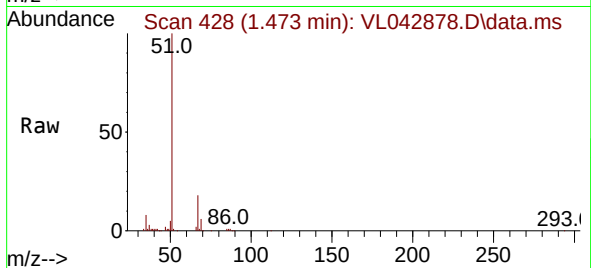
Tgt Ion: 85 Resp: 173896
Ion Ratio Lower Upper
85 100
87 32.5 25.3 37.9





#3
Chlorodifluoromethane
Concen: 10.336 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

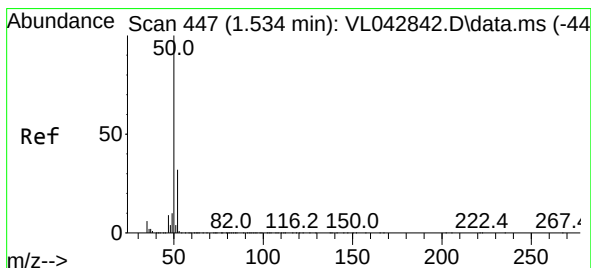
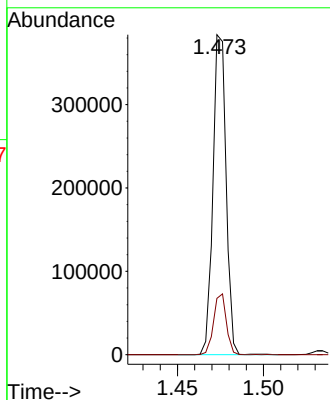
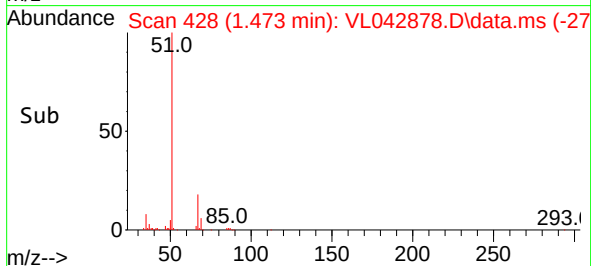
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



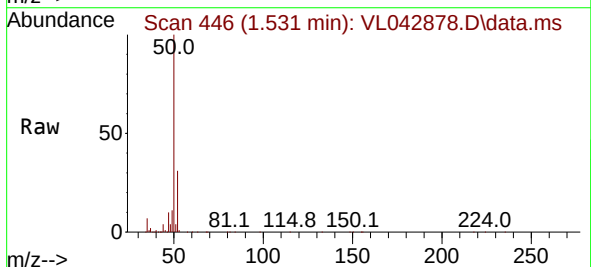
Tgt Ion: 51 Resp: 20366
Ion Ratio Lower Upper
51 100
67 18.4 14.9 22.3

Manual Integrations
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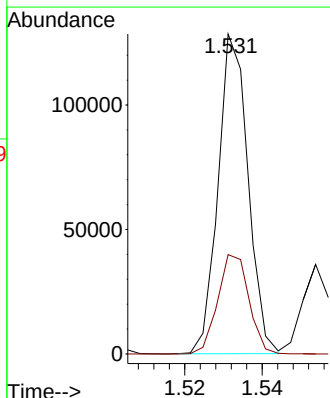
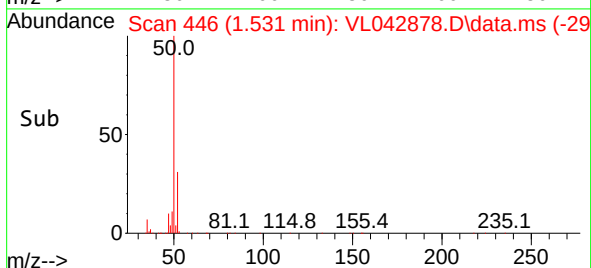
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

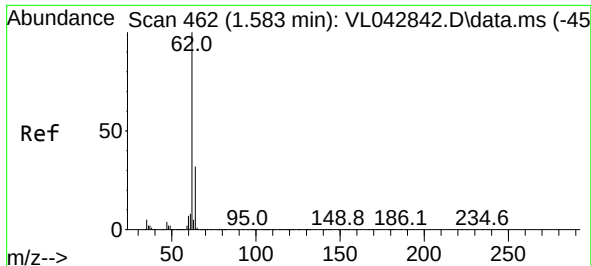


#4
Chloromethane
Concen: 9.588 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



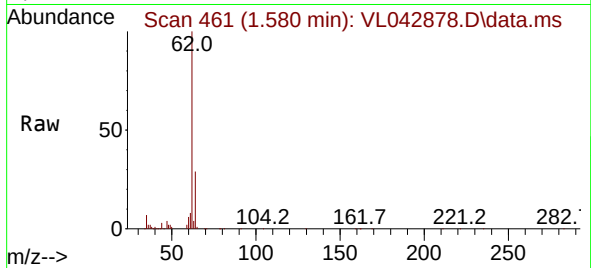
Tgt Ion: 50 Resp: 68978
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.013 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

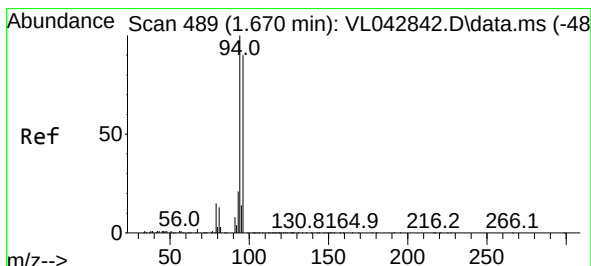
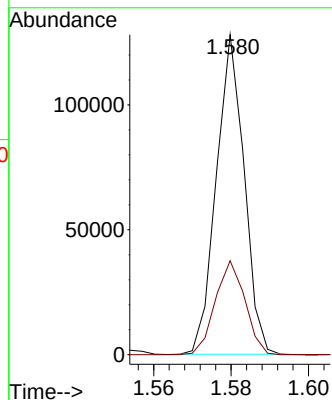
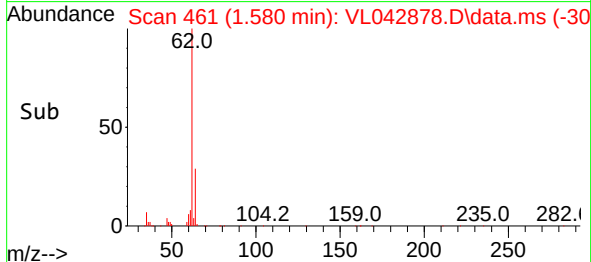
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 6385
 Ion Ratio Lower Upper
 62 100
 64 29.4 25.4 38.2

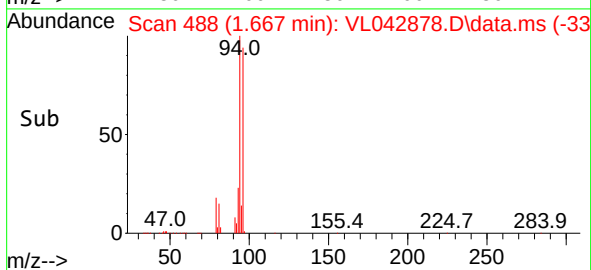
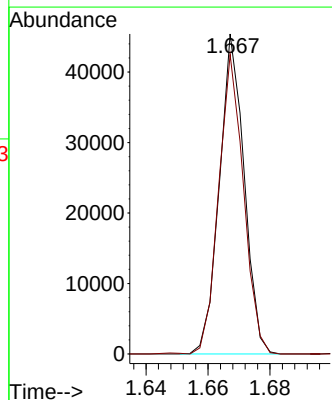
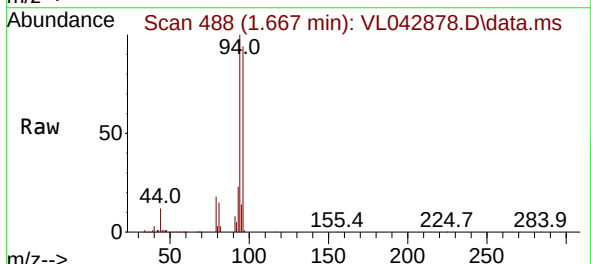
Manual Integrations
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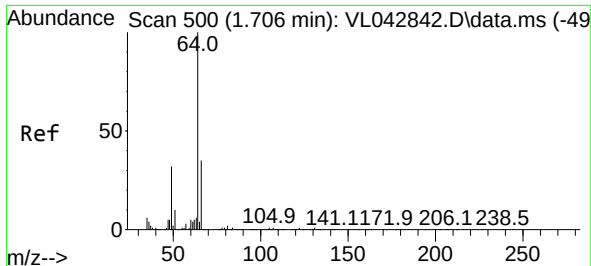
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#6
 Bromomethane
 Concen: 8.889 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

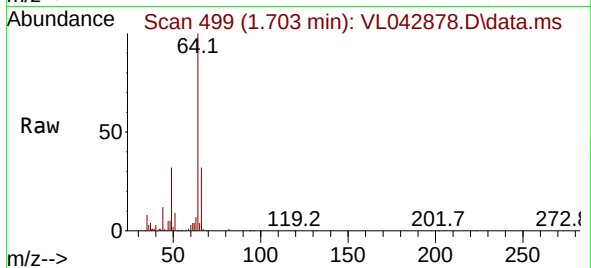
Tgt Ion: 94 Resp: 25182
 Ion Ratio Lower Upper
 94 100
 96 93.6 72.1 108.1





#7
Chloroethane
Concen: 8.856 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

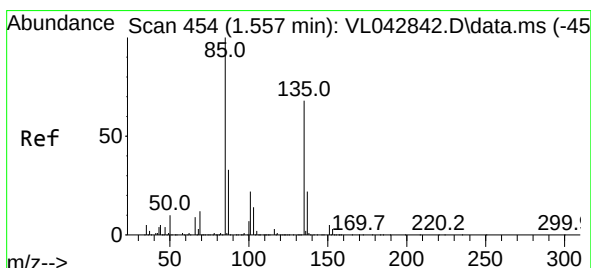
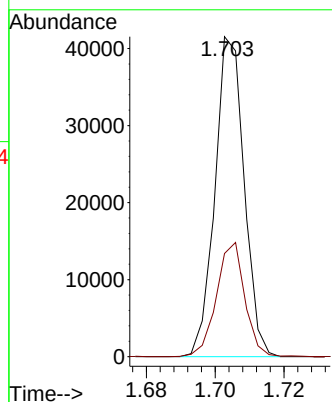
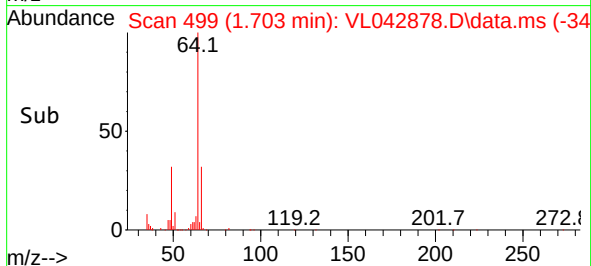
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



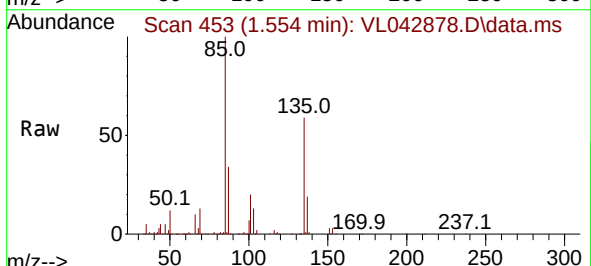
Tgt Ion: 64 Resp: 2450
Ion Ratio Lower Upper
64 100
66 32.2 28.6 42.8

Manual Integrations
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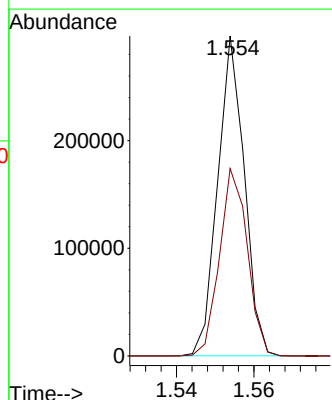
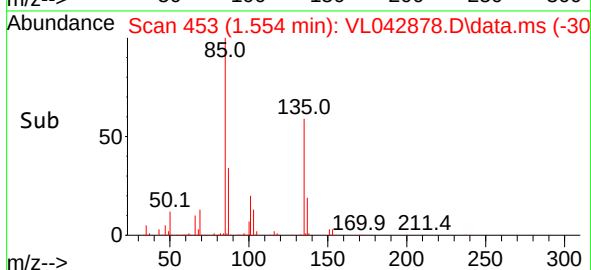
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

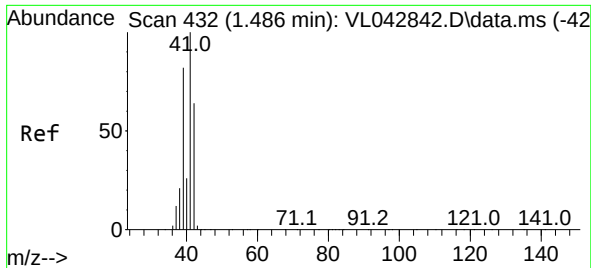


#8
Dichlorotetrafluoroethane
Concen: 9.719 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



Tgt Ion: 85 Resp: 141777
Ion Ratio Lower Upper
85 100
135 61.3 51.2 76.8





#9

Propene

Concen: 3.243 ppbv m

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042878.D

Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 27590

Ion Ratio Lower Upper

41 100

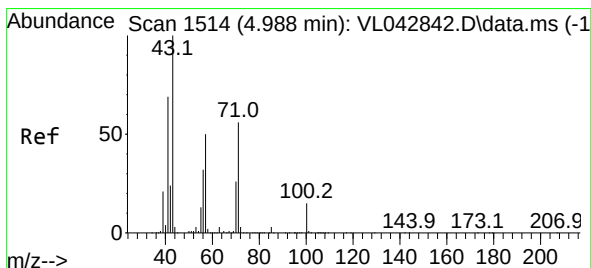
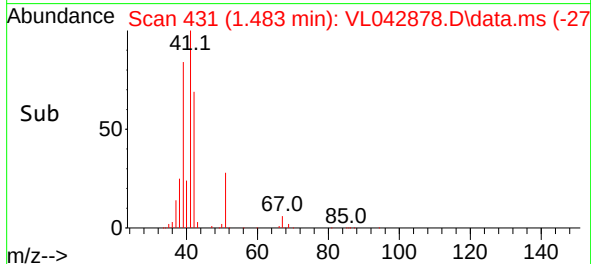
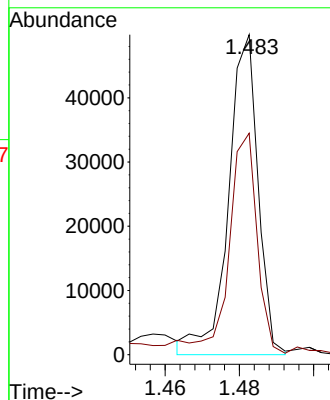
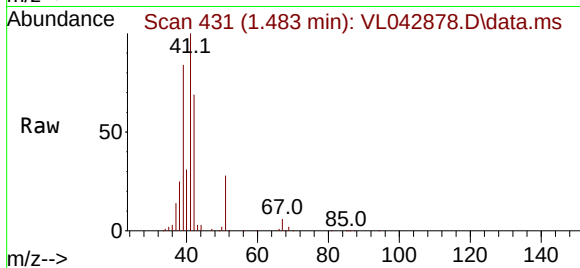
42 17.0 53.0 79.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#10

Heptane

Concen: 9.447 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. -0.007 min

Lab File: VL042878.D

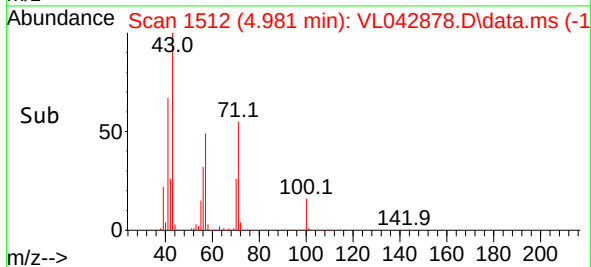
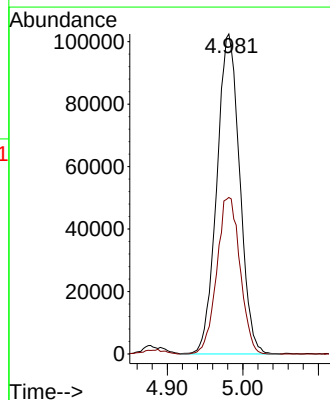
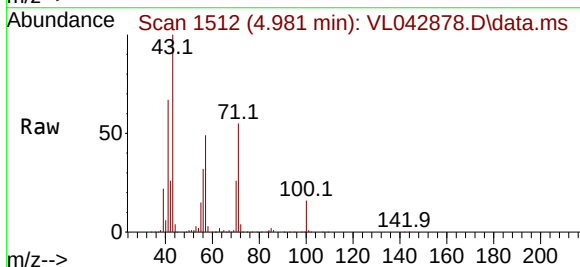
Acq: 22 Aug 2025 09:26

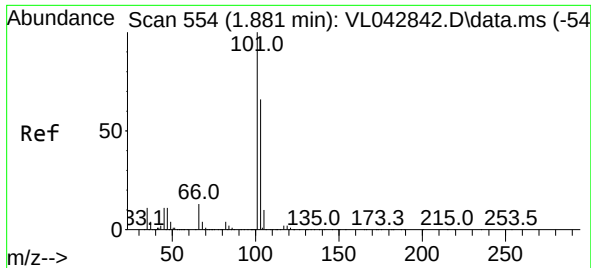
Tgt Ion: 43 Resp: 215328

Ion Ratio Lower Upper

43 100

57 49.6 41.4 62.0





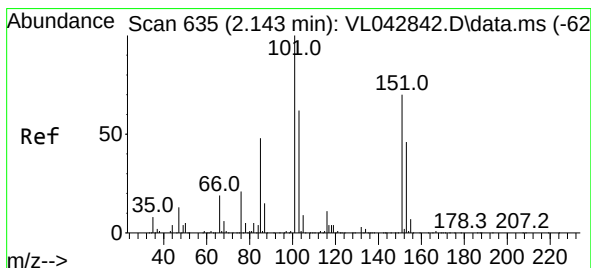
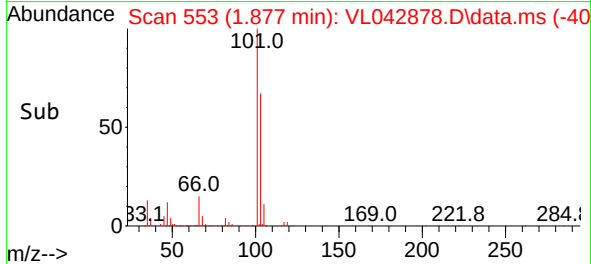
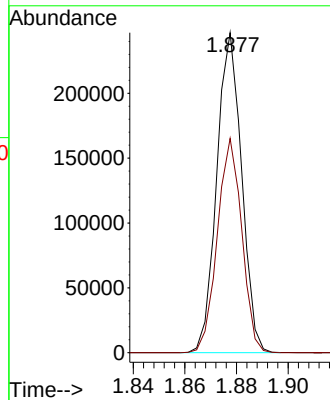
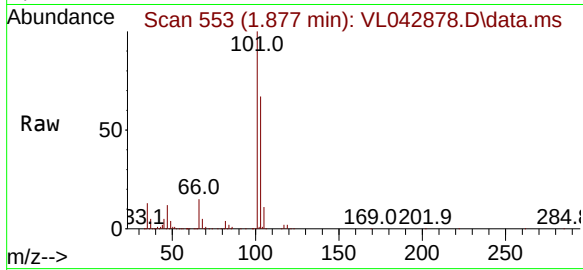
#11
Trichlorofluoromethane
Concen: 9.374 ppbv
RT: 1.877 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 164870
Ion Ratio Lower Upper
101 100
103 66.9 52.5 78.7

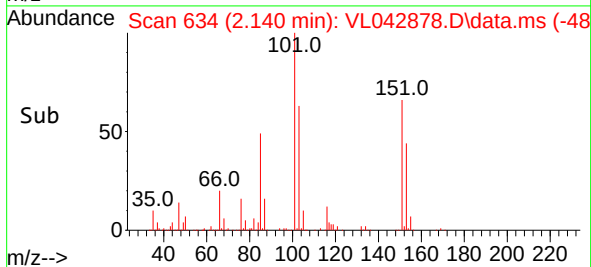
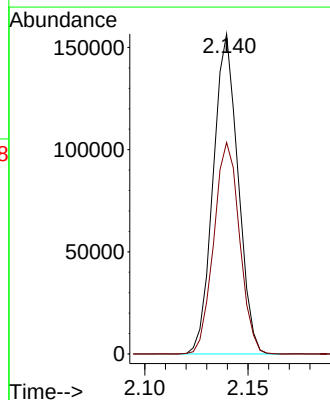
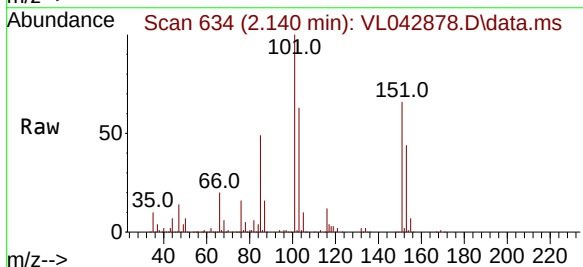
Manual Integrations
APPROVED

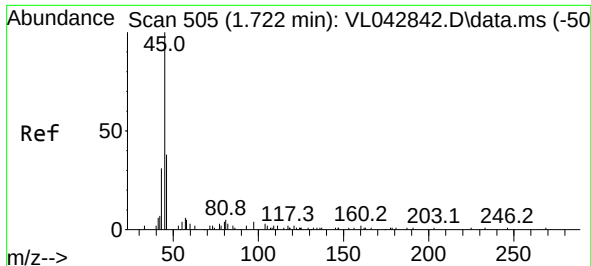
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.360 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

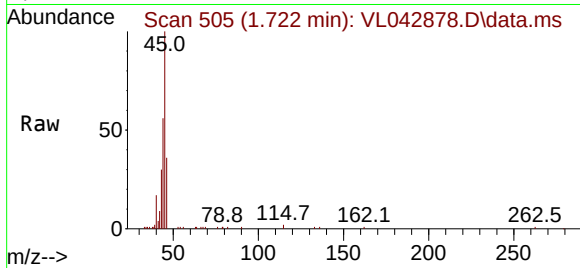
Tgt Ion:101 Resp: 131215
Ion Ratio Lower Upper
101 100
151 68.4 56.4 84.6





#13
Ethanol
Concen: 8.332 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

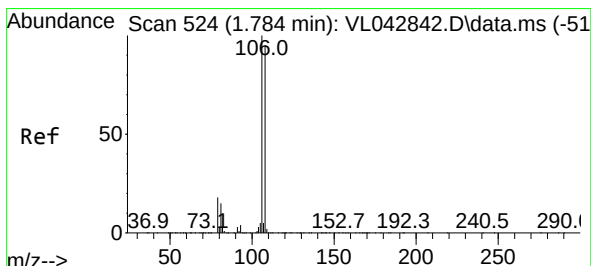
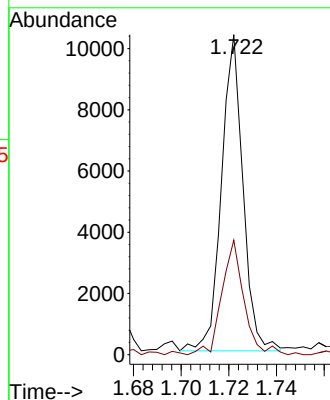
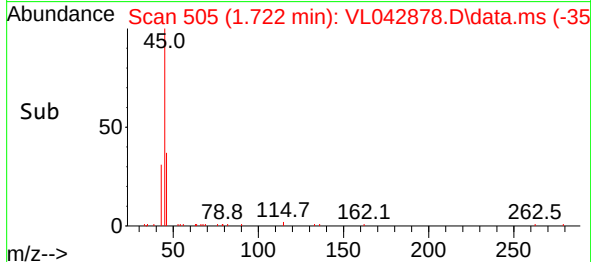
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



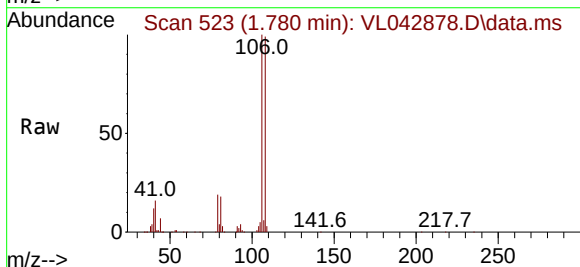
Tgt Ion: 45 Resp: 6483
Ion Ratio Lower Upper
45 100
46 37.9 17.5 69.9

Manual Integrations
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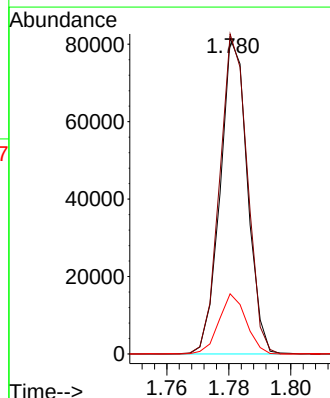
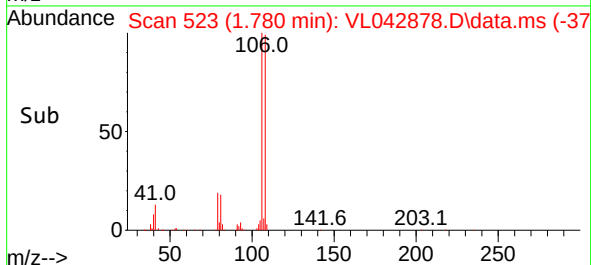
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

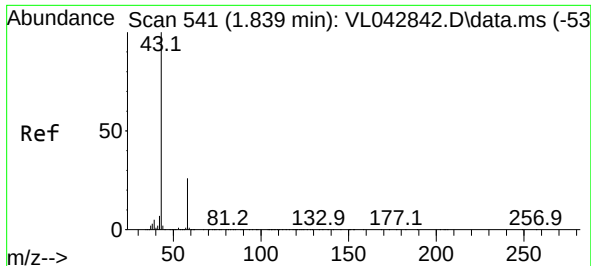


#14
Bromoethene
Concen: 9.787 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



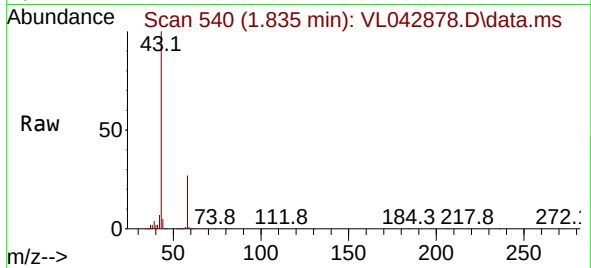
Tgt Ion:108 Resp: 49669
Ion Ratio Lower Upper
108 100
106 103.1 85.1 127.7
79 19.1 16.3 24.5





#15
Acetone
Concen: 7.955 ppbv
RT: 1.835 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

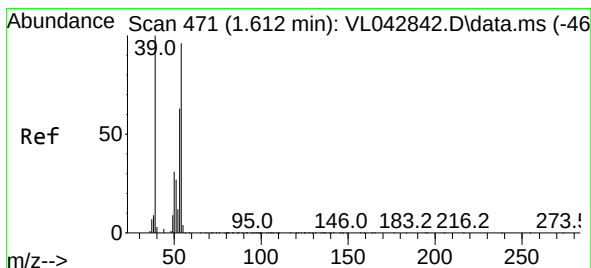
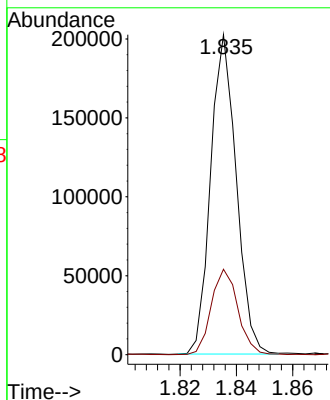
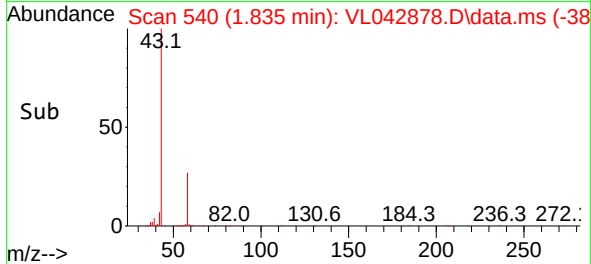
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 128000
Ion Ratio Lower Upper
43 100
58 28.1 22.4 33.6

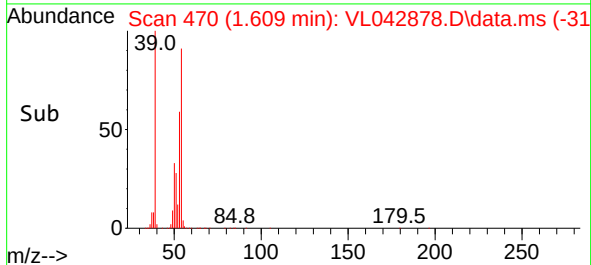
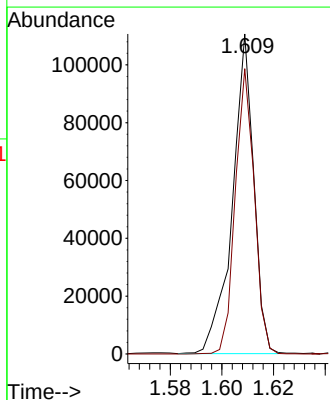
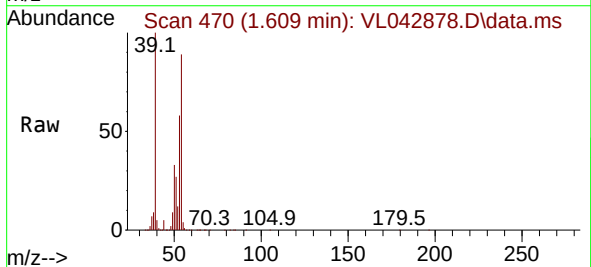
Manual Integrations
APPROVED

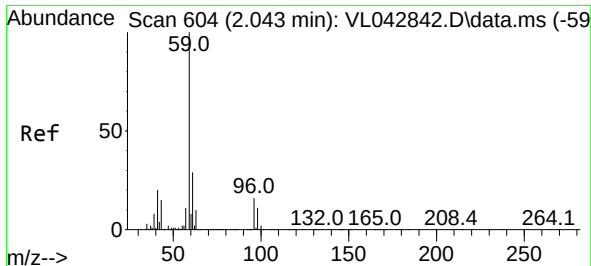
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#16
1,3-Butadiene
Concen: 8.742 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Tgt Ion: 39 Resp: 63770
Ion Ratio Lower Upper
39 100
54 79.4 63.6 95.4





#17

tert-Butyl alcohol

Concen: 8.012 ppbv

RT: 2.039 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL042878.D

Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 15287

Ion Ratio Lower Upper

59 100

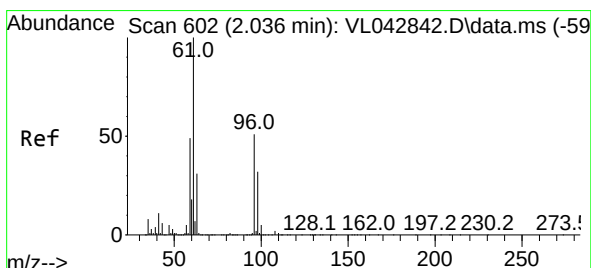
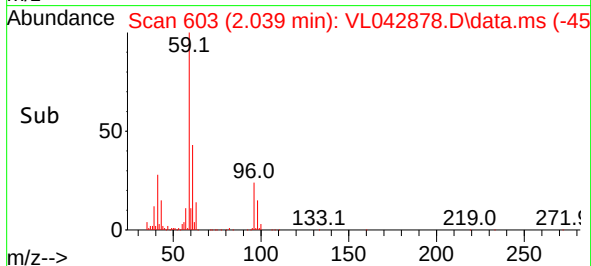
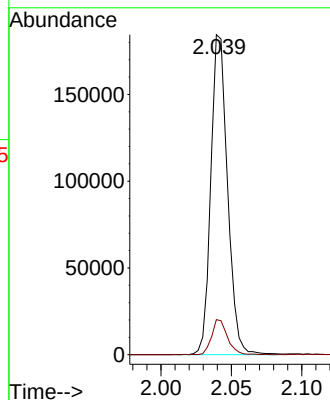
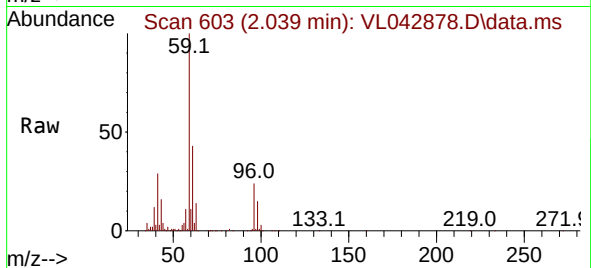
57 10.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#18

1,1-Dichloroethene

Concen: 9.501 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042878.D

Acq: 22 Aug 2025 09:26

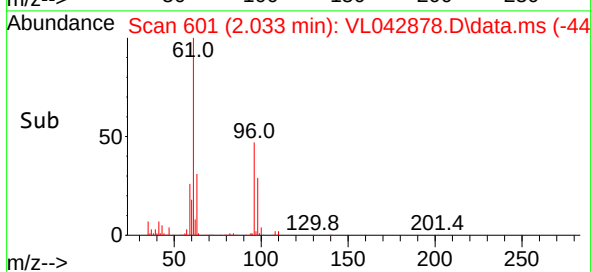
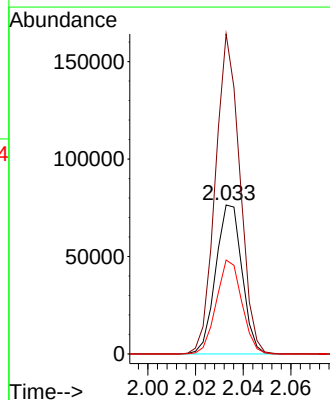
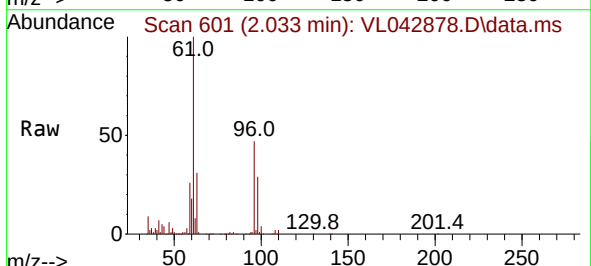
Tgt Ion: 96 Resp: 58558

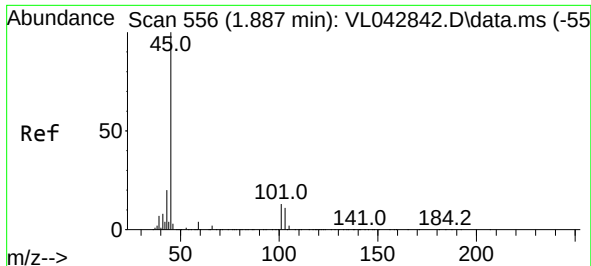
Ion Ratio Lower Upper

96 100

61 214.8 158.2 237.4

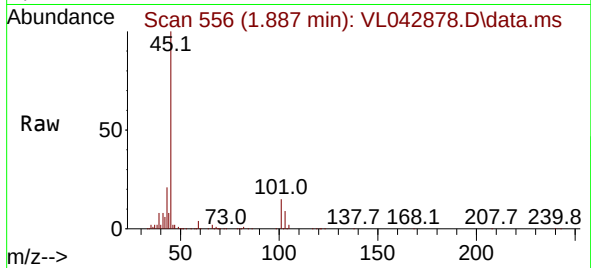
98 63.0 50.6 76.0





#19
Isopropyl Alcohol
Concen: 8.760 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

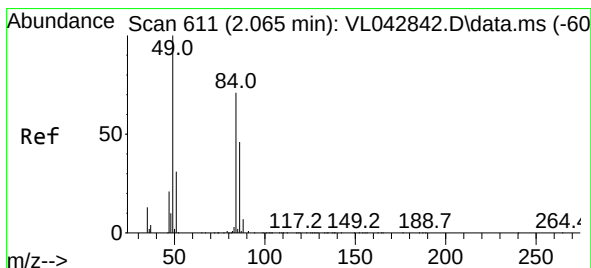
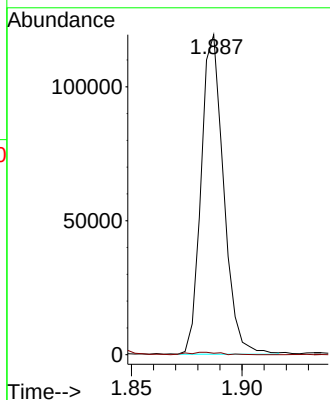
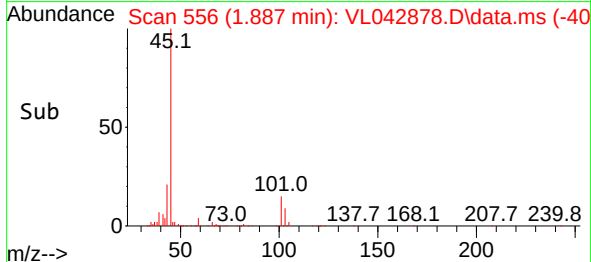
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



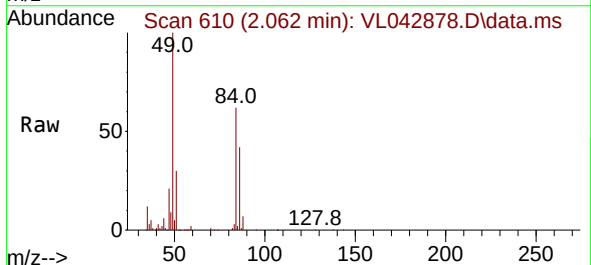
Tgt Ion: 45 Resp: 84188
Ion Ratio Lower Upper
45 100
58 42.7 32.7 49.1

Manual Integrations
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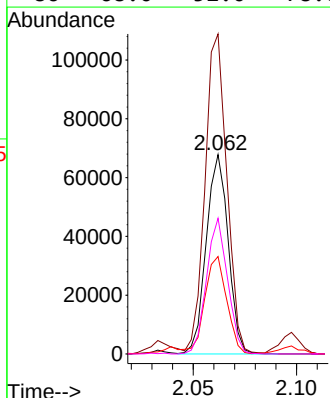
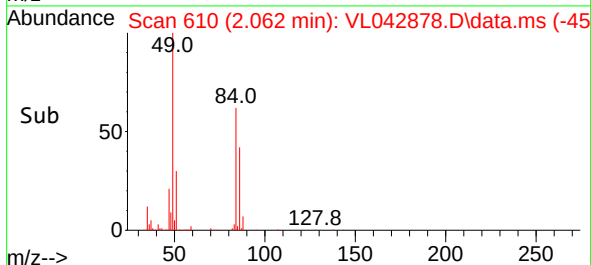
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

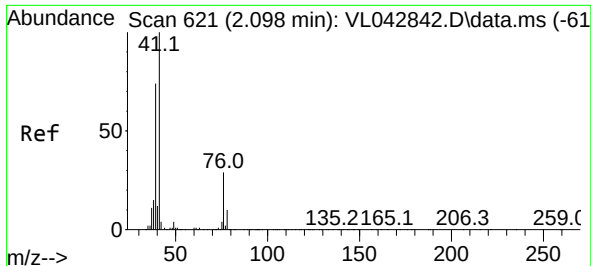


#20
Methylene Chloride
Concen: 7.426 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



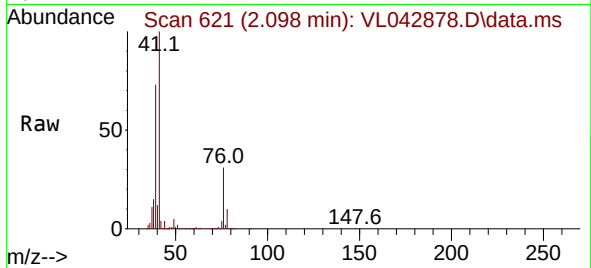
Tgt Ion: 84 Resp: 50056
Ion Ratio Lower Upper
84 100
49 157.9 112.3 168.5
51 46.7 36.0 54.0
86 68.0 52.0 78.0





#21
 Allyl Chloride
 Concen: 9.262 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

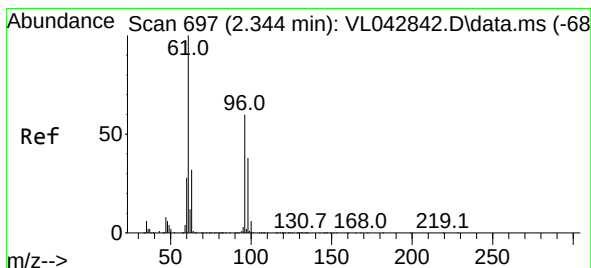
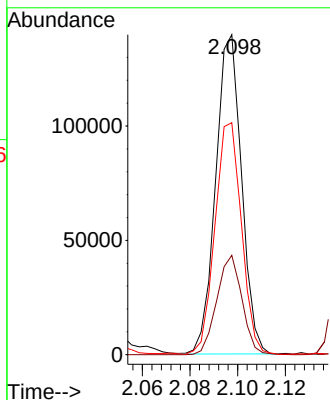
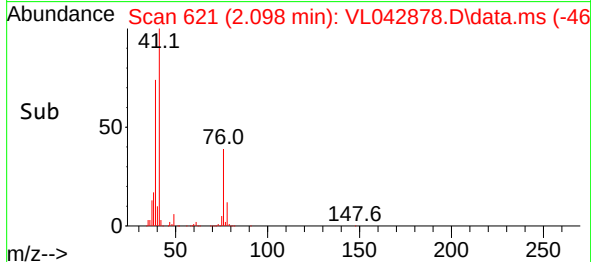
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



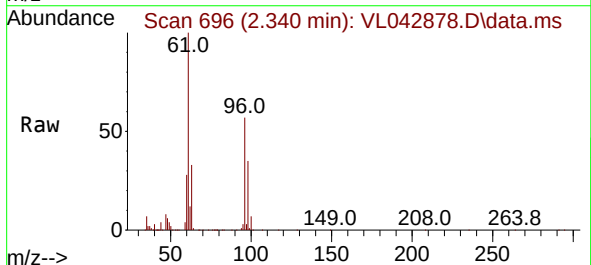
Tgt Ion: 41 Resp: 10528
 Ion Ratio Lower Upper
 41 100
 76 30.2 23.9 35.9
 39 74.2 57.8 86.6

Manual Integrations
 APPROVED

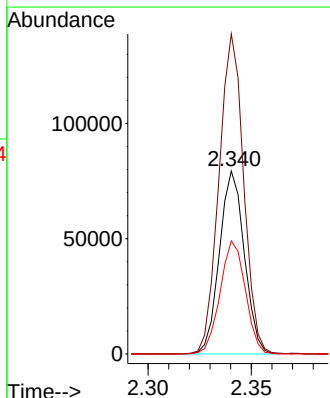
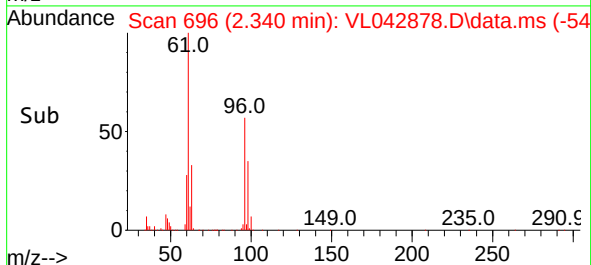
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

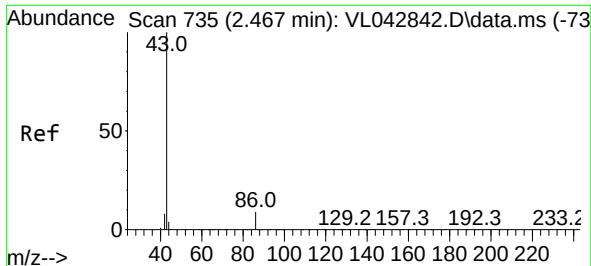


#22
 trans-1,2-Dichloroethene
 Concen: 9.344 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26



Tgt Ion: 96 Resp: 66625
 Ion Ratio Lower Upper
 96 100
 61 175.0 132.6 199.0
 98 61.9 50.0 75.0





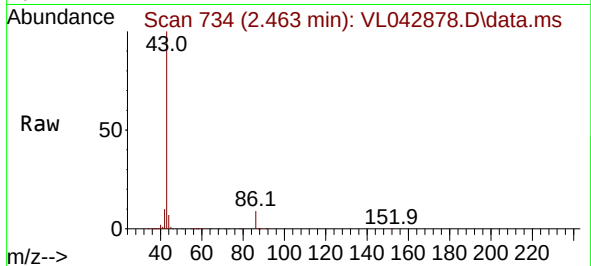
#23
 Vinyl Acetate
 Concen: 9.175 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

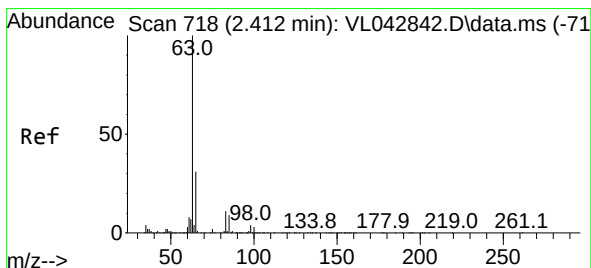
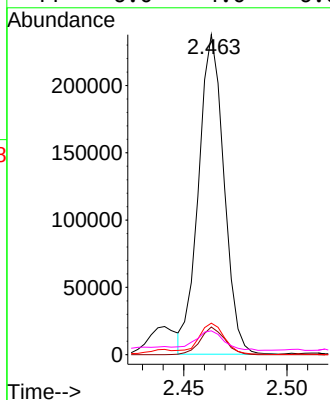
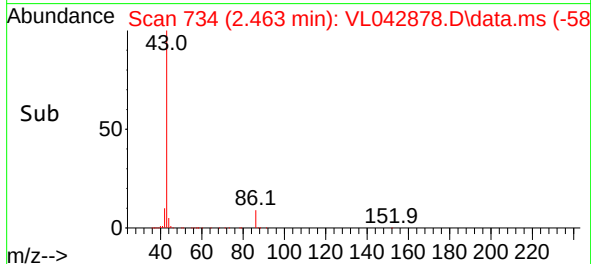


Tgt Ion: 43 Resp: 20298
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.6 9.8
 42 9.8 7.0 10.6
 44 6.0 4.0 6.0#

Manual Integrations

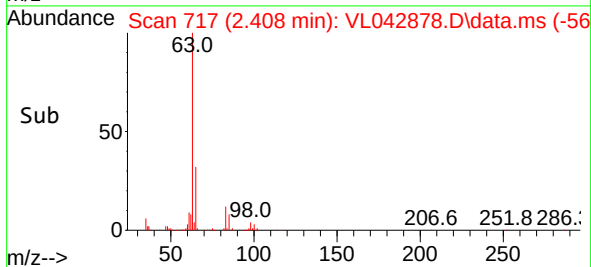
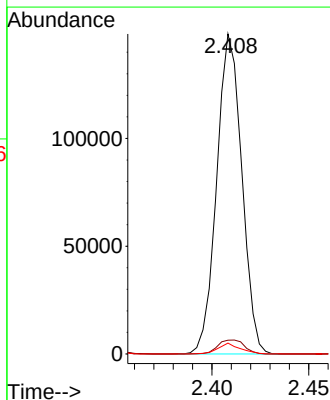
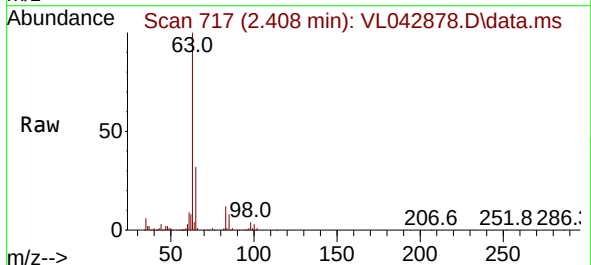
APPROVED

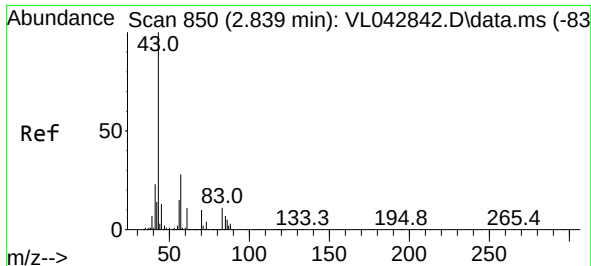
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 9.398 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

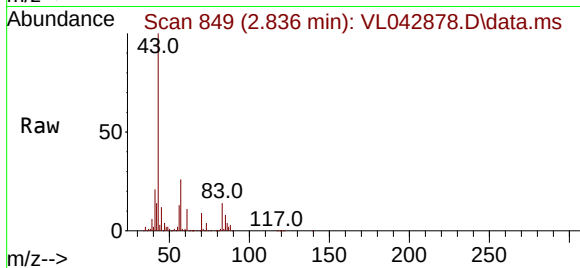
Tgt Ion: 63 Resp: 133833
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.5
 100 3.4 1.7 5.1





#25
Ethyl Acetate
Concen: 9.846 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

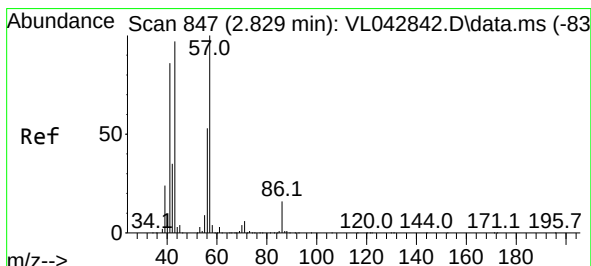
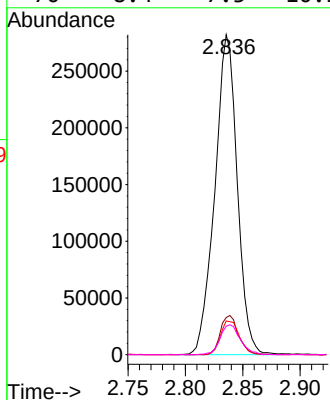
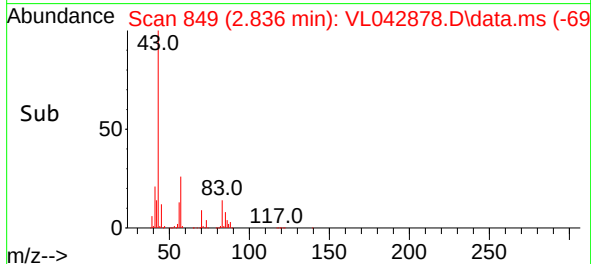
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



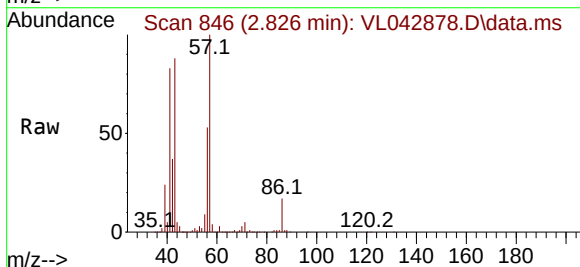
Tgt Ion: 43 Resp: 383432
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 9.0 7.4 11.2
70 8.4 7.3 10.9

Manual Integrations
APPROVED

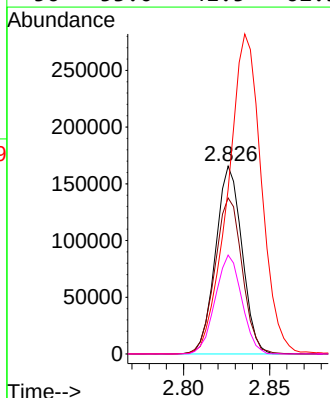
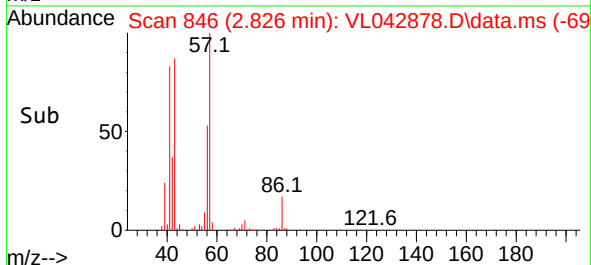
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

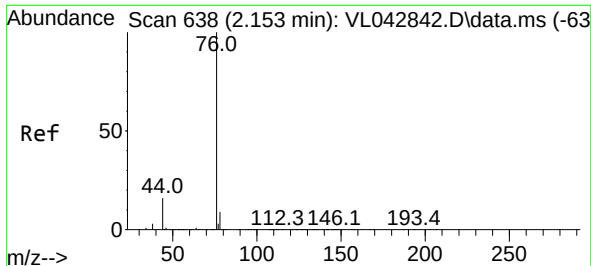


#26
Hexane
Concen: 9.843 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



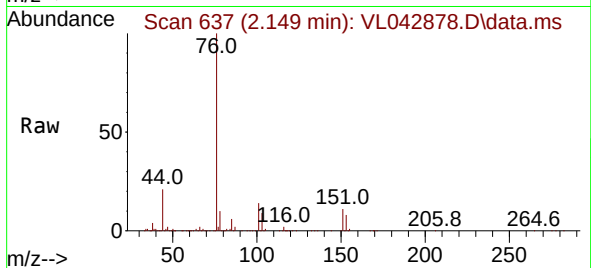
Tgt Ion: 57 Resp: 176932
Ion Ratio Lower Upper
57 100
41 86.5 68.6 103.0
43 217.4 168.5 252.7
56 53.0 41.5 62.3





#27
Carbon Disulfide
Concen: 9.607 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

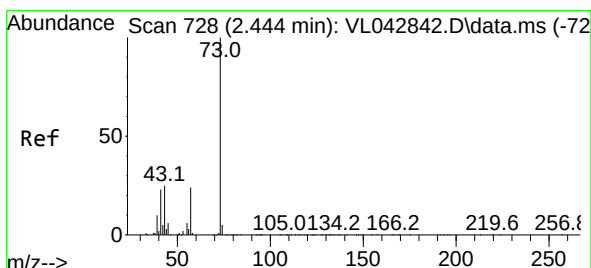
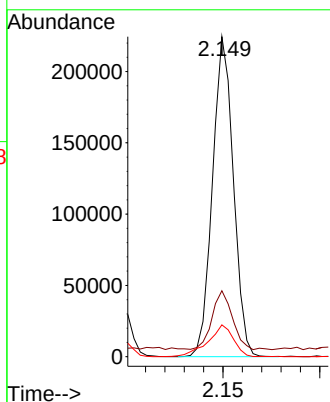
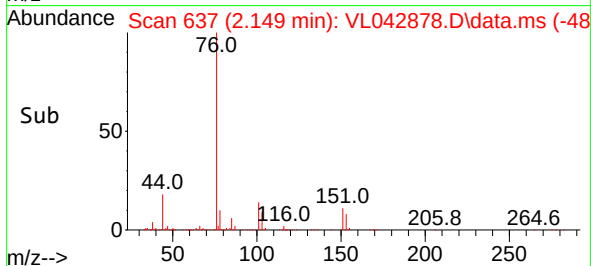
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



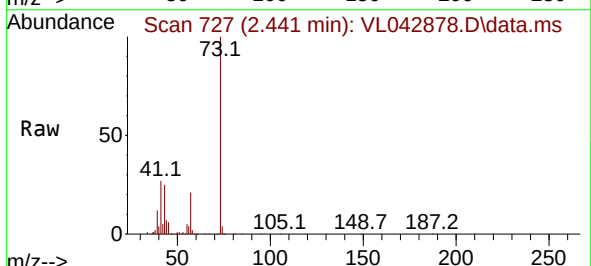
Tgt Ion: 76 Resp: 168050
Ion Ratio Lower Upper
76 100
44 19.1 15.9 23.9
78 12.2 9.5 14.3

Manual Integrations
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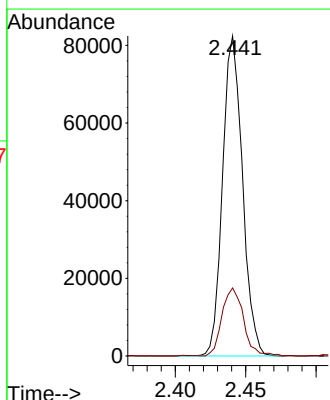
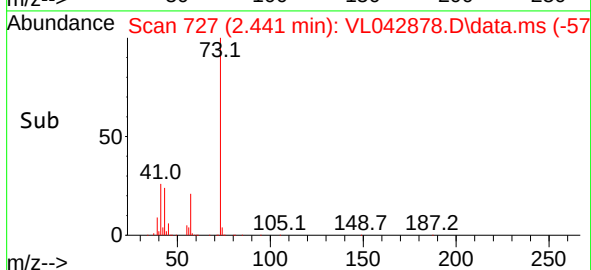
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

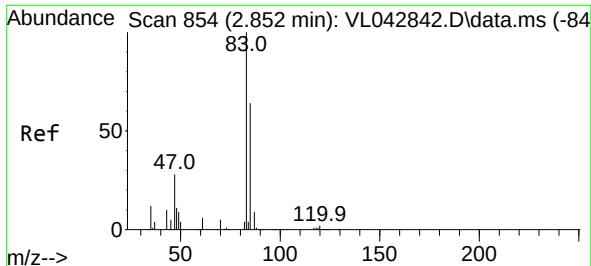


#28
Methyl tert-Butyl Ether
Concen: 8.861 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



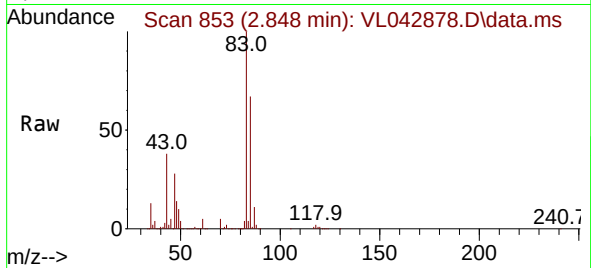
Tgt Ion: 73 Resp: 81215
Ion Ratio Lower Upper
73 100
57 23.1 21.6 32.4





#29
Chloroform
Concen: 10.363 ppbv
RT: 2.848 min Scan# 853
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

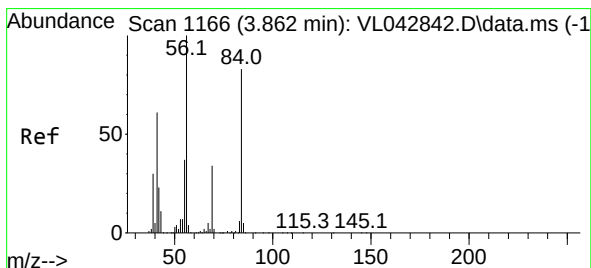
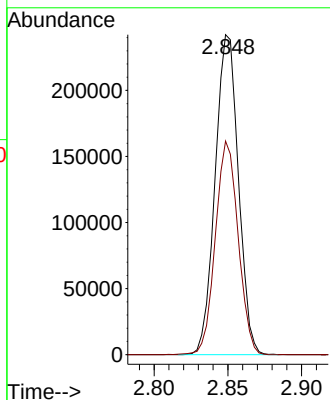
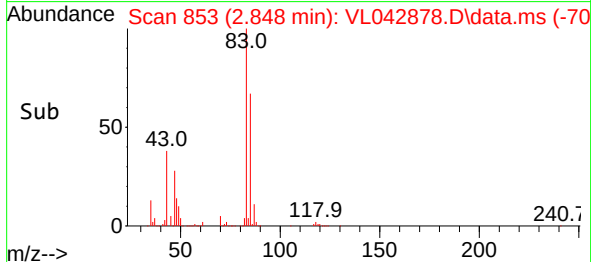
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 265960
Ion Ratio Lower Upper
83 100
85 66.8 51.1 76.7

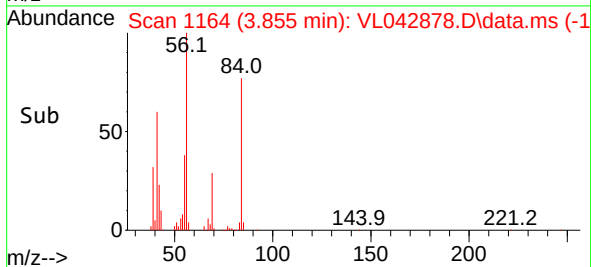
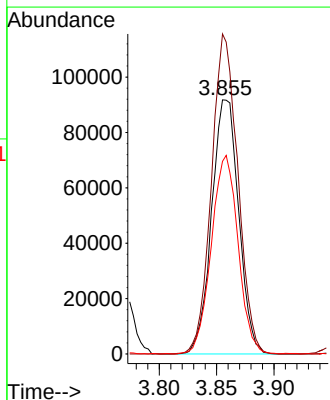
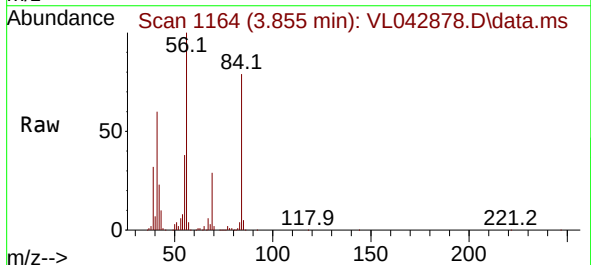
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APPROVED

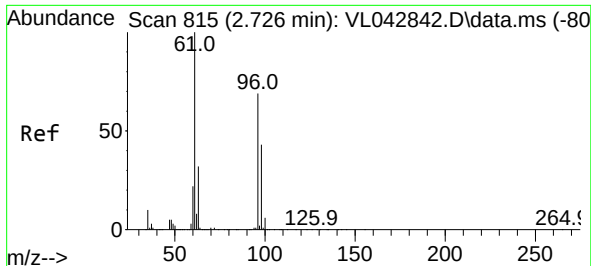
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#30
Cyclohexane
Concen: 9.551 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

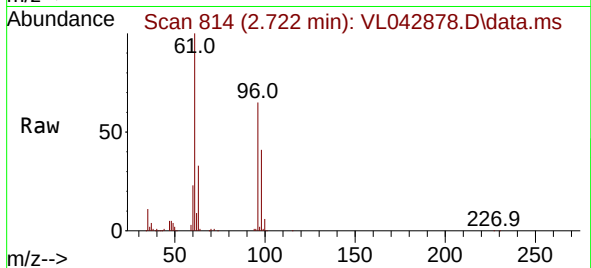
Tgt Ion: 84 Resp: 150524
Ion Ratio Lower Upper
84 100
56 122.5 98.8 148.2
41 77.4 61.3 91.9





#31
 cis-1,2-Dichloroethene
 Concen: 9.886 ppbv
 RT: 2.722 min Scan# 815
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

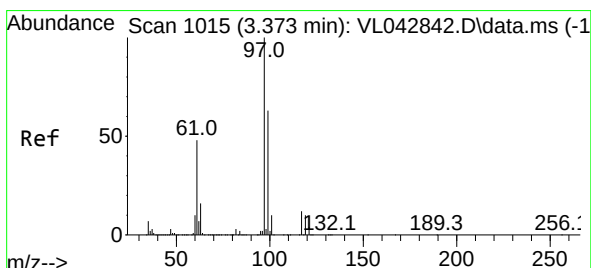
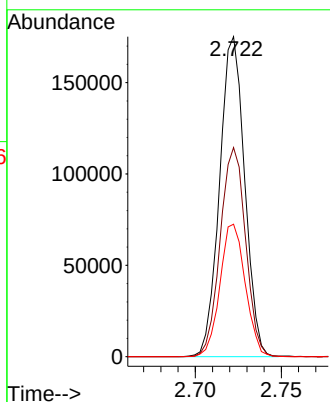
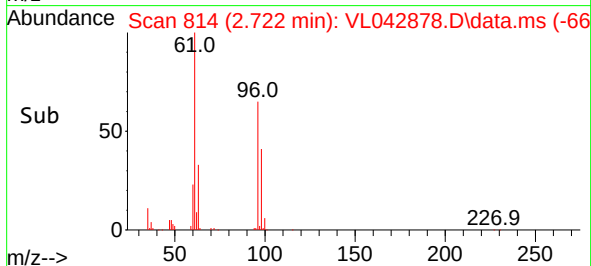
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



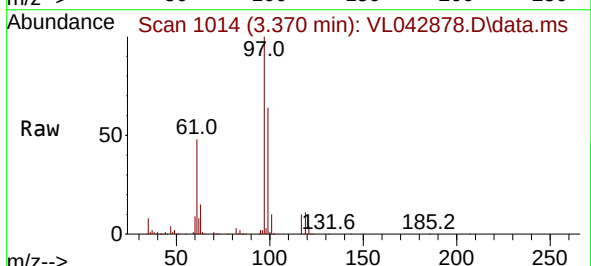
Tgt Ion: 61 Resp: 177498
 Ion Ratio Lower Upper
 61 100
 96 65.4 55.0 82.6
 98 41.4 34.3 51.5

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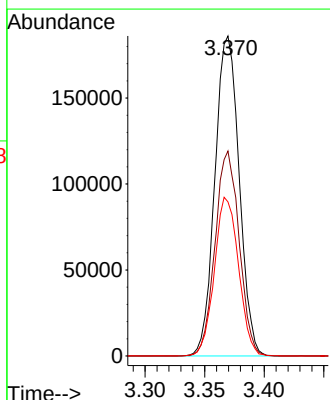
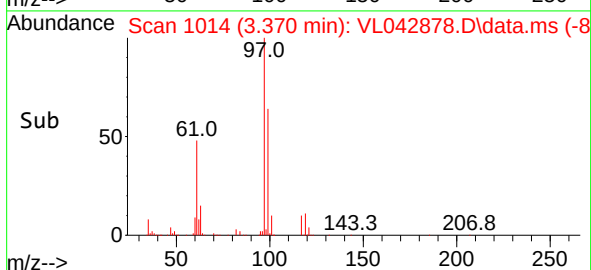
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

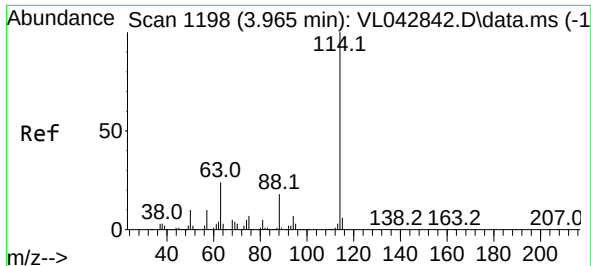


#32
 1,1,1-Trichloroethane
 Concen: 9.719 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26



Tgt Ion: 97 Resp: 263614
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.0 76.6
 61 49.5 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.007 min

Lab File: VL042878.D

Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 354779

Ion Ratio Lower Upper

114 100

63 24.9 19.7 29.5

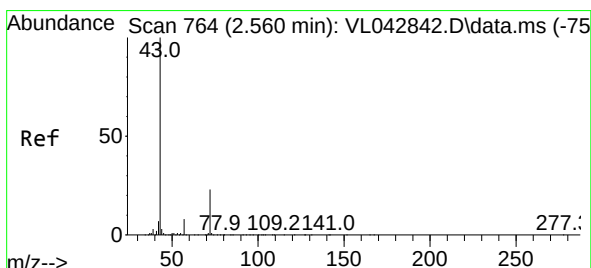
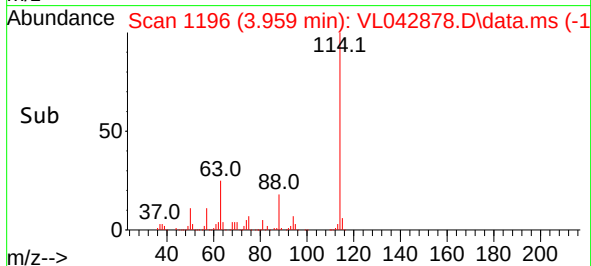
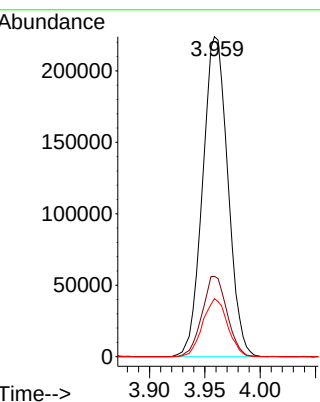
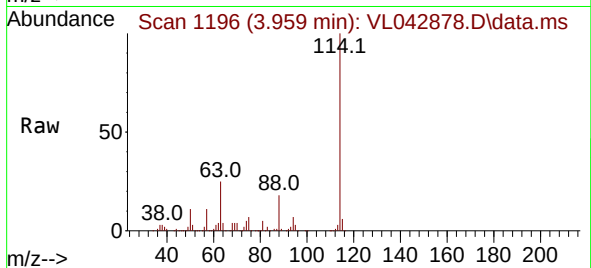
88 17.9 14.4 21.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#34

2-Butanone

Concen: 10.506 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.003 min

Lab File: VL042878.D

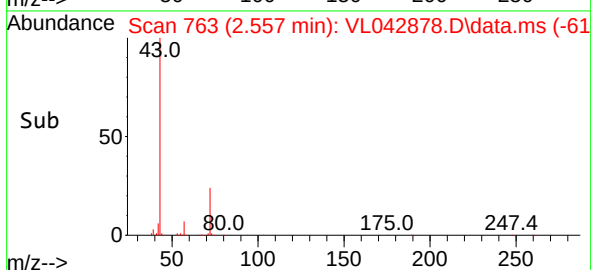
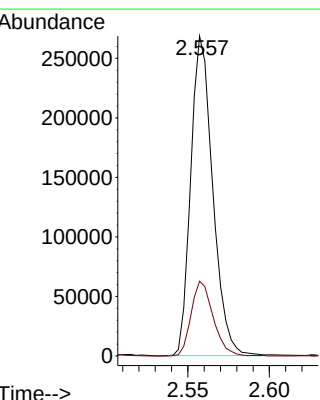
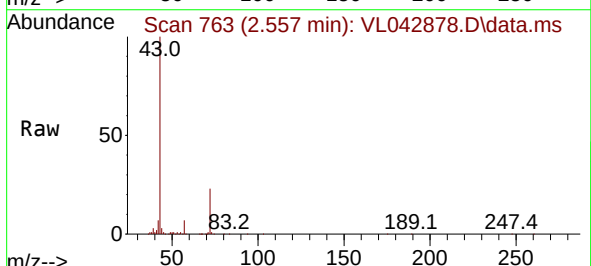
Acq: 22 Aug 2025 09:26

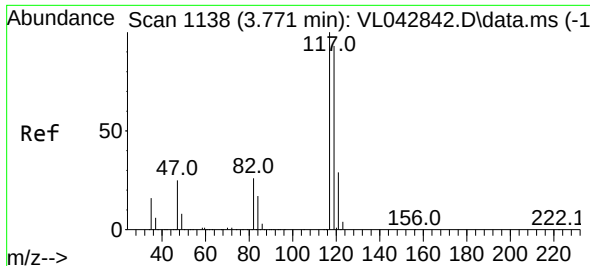
Tgt Ion: 43 Resp: 251681

Ion Ratio Lower Upper

43 100

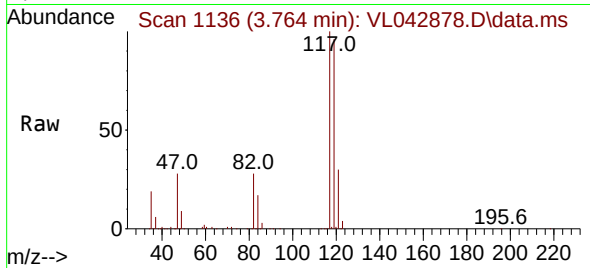
72 23.4 18.6 28.0





#35
Carbon Tetrachloride
Concen: 10.611 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

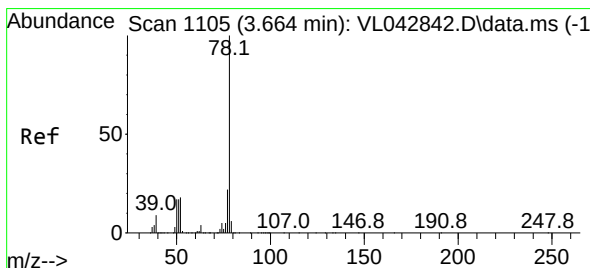
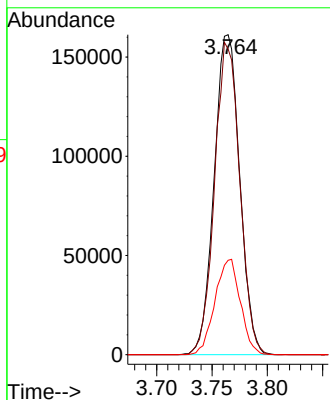
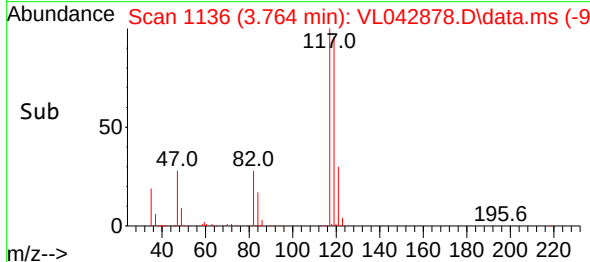
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 25952
Ion Ratio Lower Upper
117 100
119 95.5 74.7 112.1
121 29.5 23.2 34.8

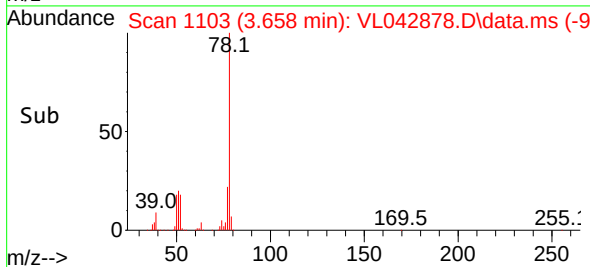
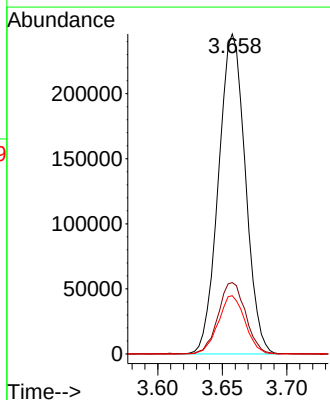
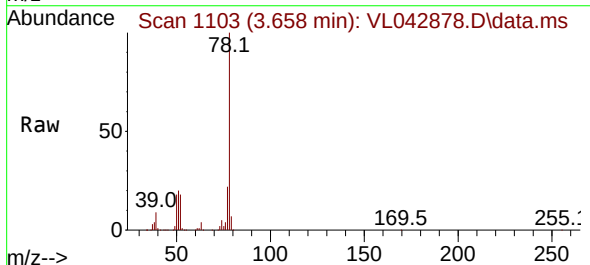
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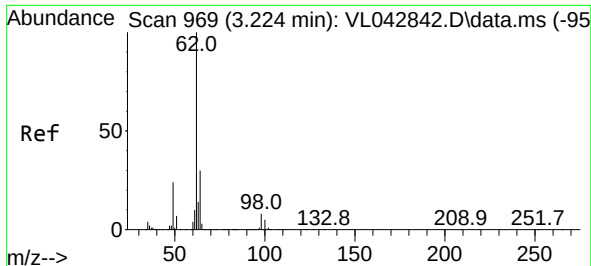
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#36
Benzene
Concen: 10.477 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

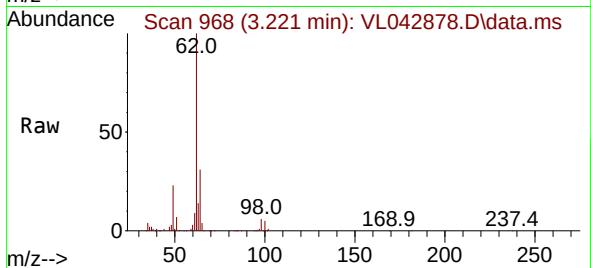
Tgt Ion: 78 Resp: 355956
Ion Ratio Lower Upper
78 100
77 22.3 17.7 26.5
50 18.2 13.9 20.9





#37
1,2-Dichloroethane
Concen: 11.596 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

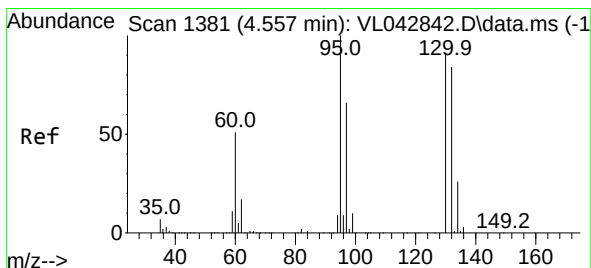
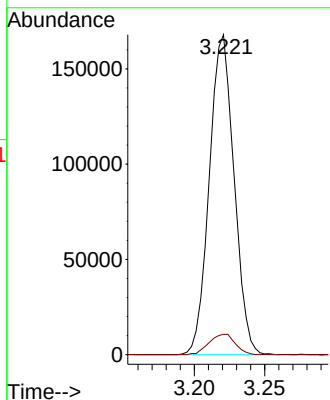
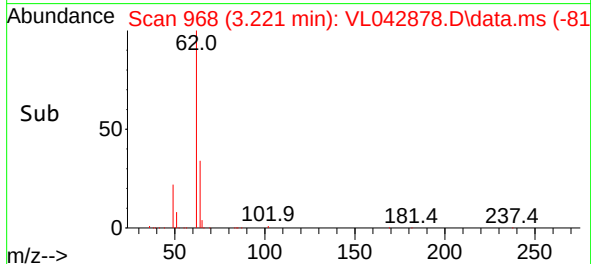
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 205812
Ion Ratio Lower Upper
62 100
98 6.8 5.9 8.9

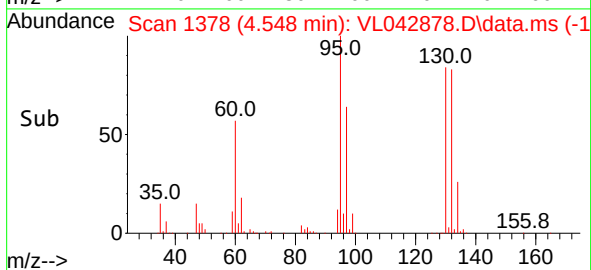
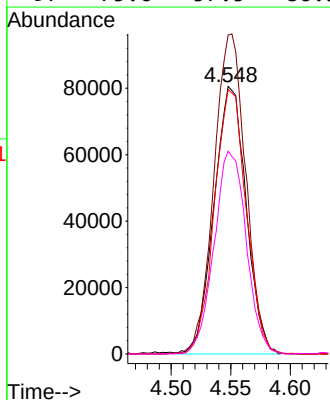
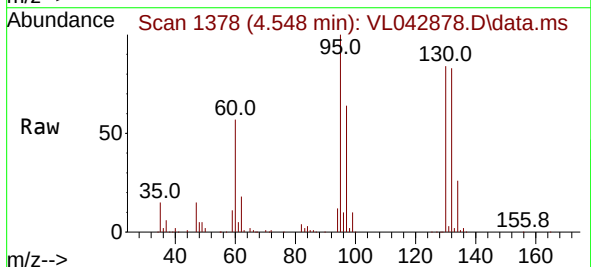
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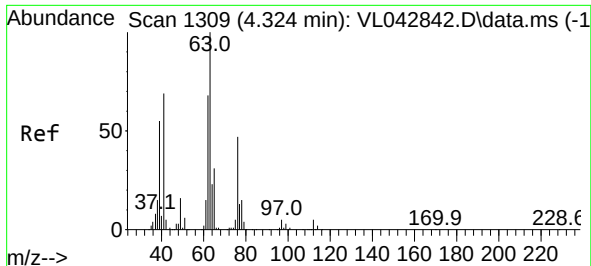
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#38
Trichloroethene
Concen: 9.752 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.010 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Tgt Ion:130 Resp: 151307
Ion Ratio Lower Upper
130 100
95 118.7 87.6 131.4
132 98.6 73.8 110.8
97 75.6 57.5 86.3





#39

1,2-Dichloropropane

Concen: 10.501 ppbv

RT: 4.311 min Scan# 1305

Delta R.T. -0.013 min

Lab File: VL042878.D

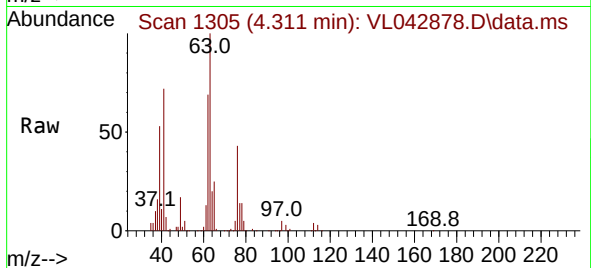
Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 63 Resp: 130300

Ion Ratio Lower Upper

63 100

41 71.7 55.0 82.4

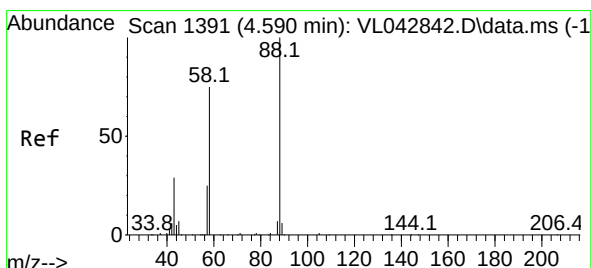
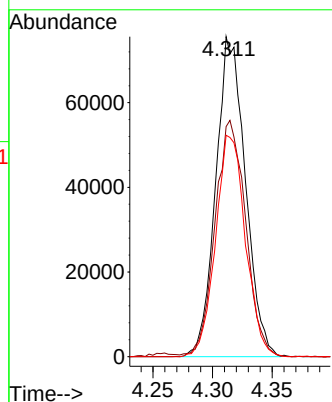
62 69.2 54.4 81.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

1,4-Dioxane

Concen: 9.537 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. -0.007 min

Lab File: VL042878.D

Acq: 22 Aug 2025 09:26

Tgt Ion: 88 Resp: 56270

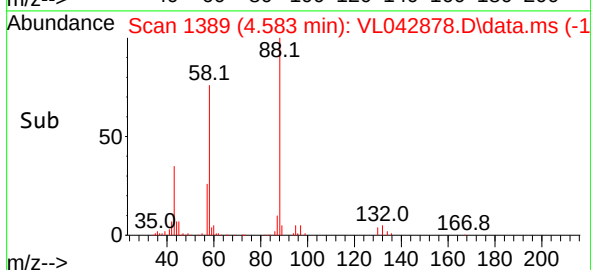
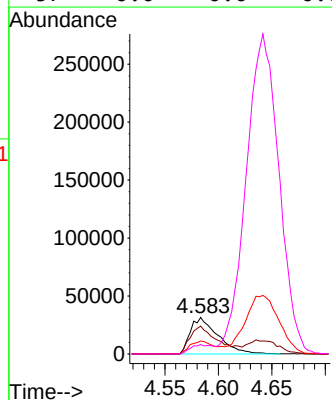
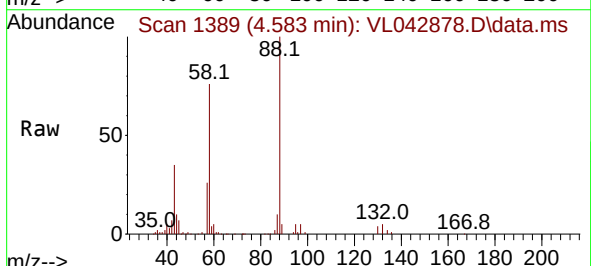
Ion Ratio Lower Upper

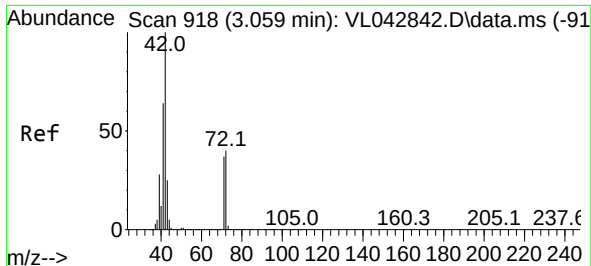
88 100

58 73.8 53.8 80.6

43 34.6 22.8 34.2#

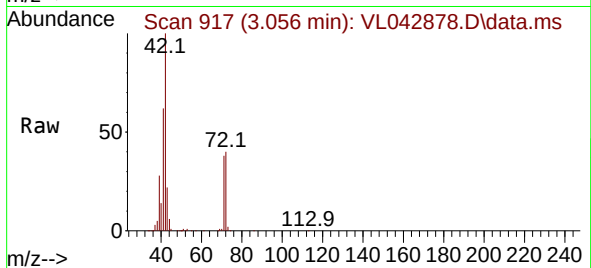
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.427 ppbv
RT: 3.056 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

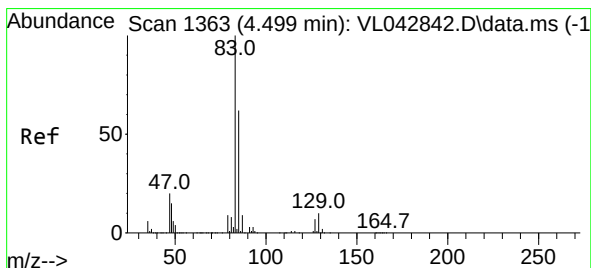
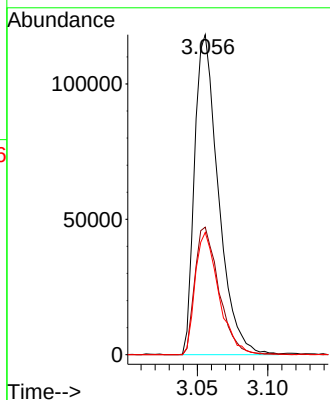
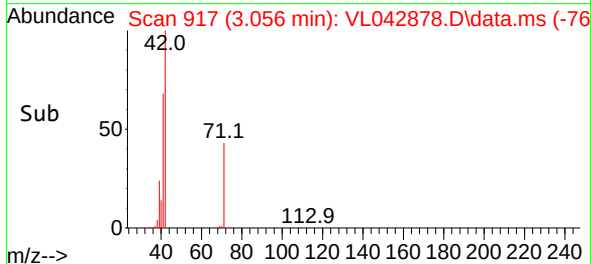
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 13927
Ion Ratio Lower Upper
42 100
72 40.3 32.6 48.8
71 37.9 30.0 45.0

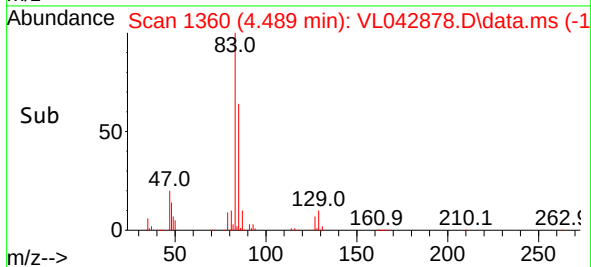
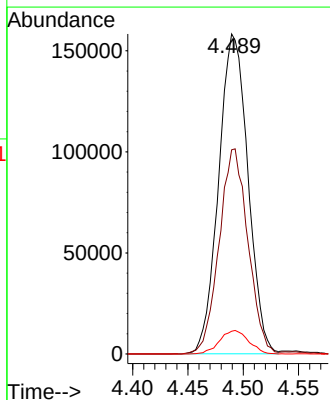
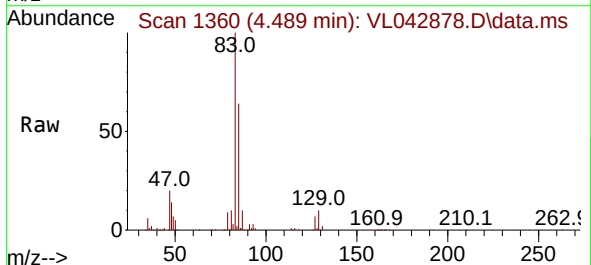
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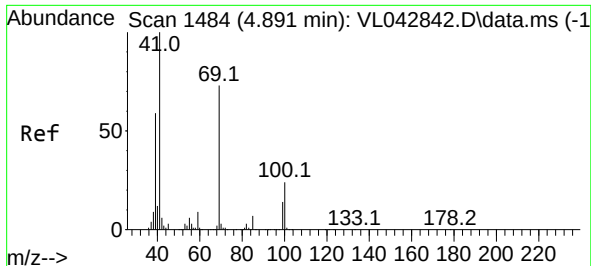
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
Bromodichloromethane
Concen: 11.023 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.010 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Tgt Ion: 83 Resp: 291542
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.8
127 7.1 5.8 8.6





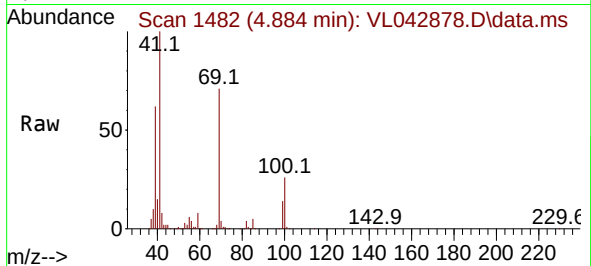
#43
Methyl Methacrylate
Concen: 9.762 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

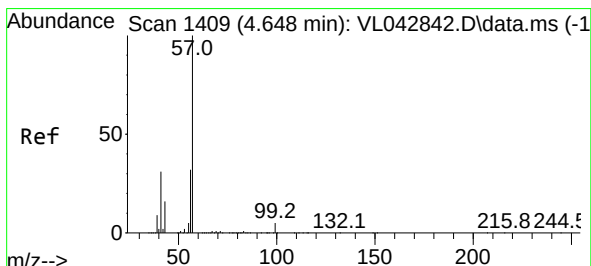
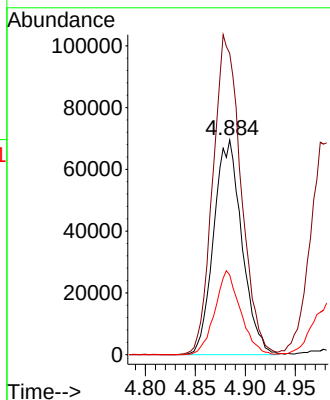
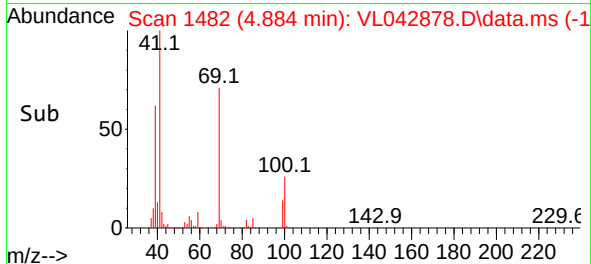


Tgt Ion: 69 Resp: 13662
Ion Ratio Lower Upper
69 100
41 148.3 114.6 172.0
100 35.3 30.2 45.4

Manual Integrations

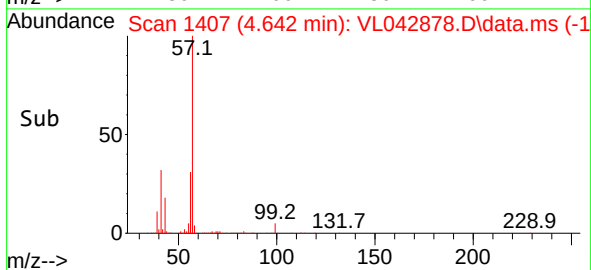
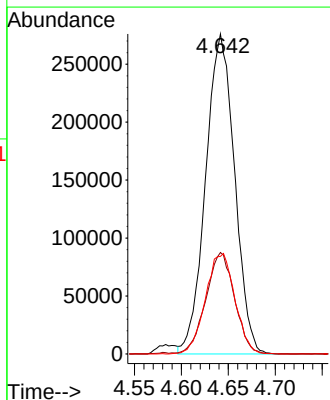
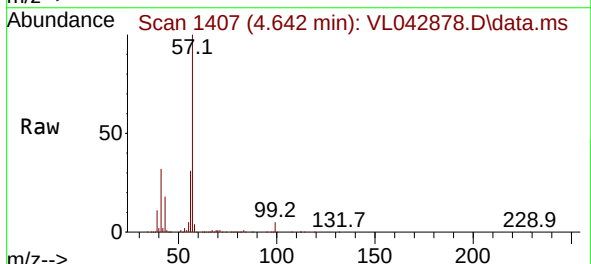
APPROVED

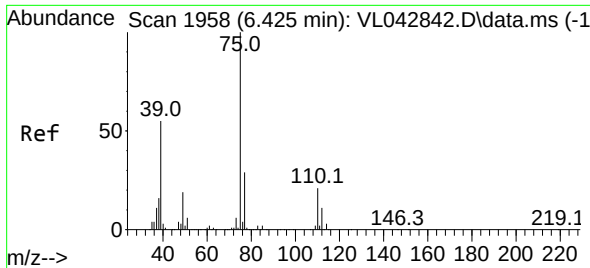
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#44
2,2,4-Trimethylpentane
Concen: 10.270 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

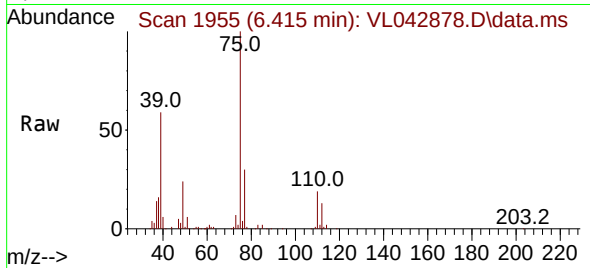
Tgt Ion: 57 Resp: 592219
Ion Ratio Lower Upper
57 100
41 31.7 24.8 37.2
56 31.9 25.5 38.3





#45
 t-1,3-Dichloropropene
 Concen: 9.677 ppbv
 RT: 6.415 min Scan# 1955
 Delta R.T. -0.010 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

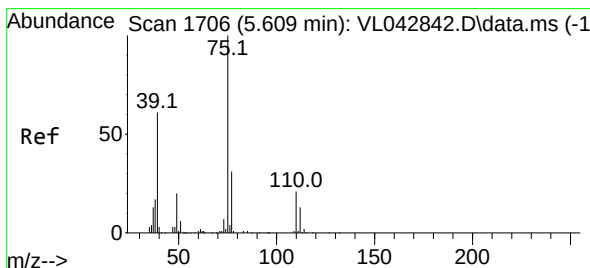
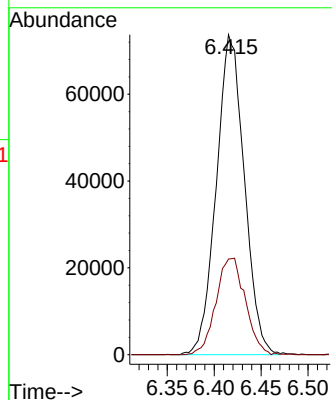
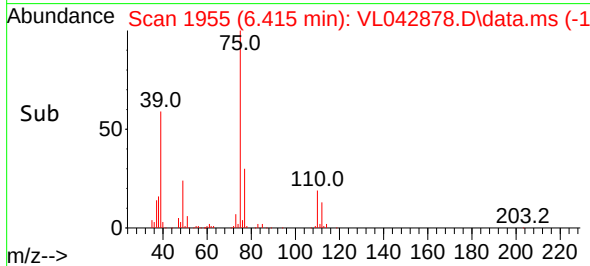
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 152840
 Ion Ratio Lower Upper
 75 100
 77 29.9 23.8 35.6

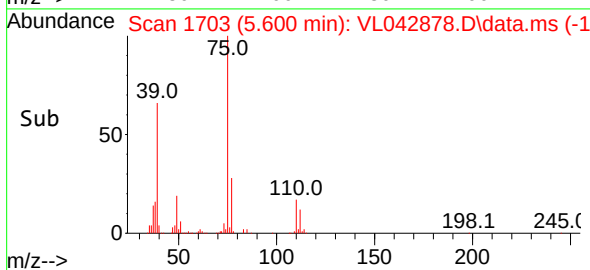
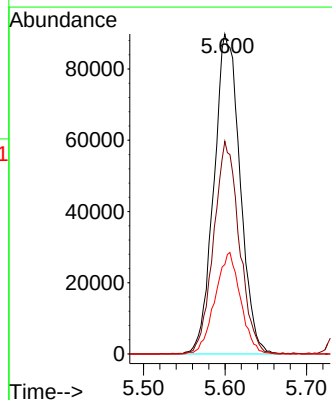
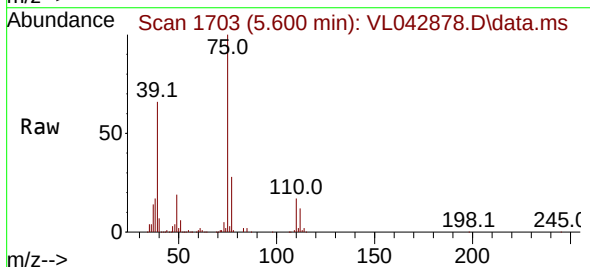
Manual Integrations
 APPROVED

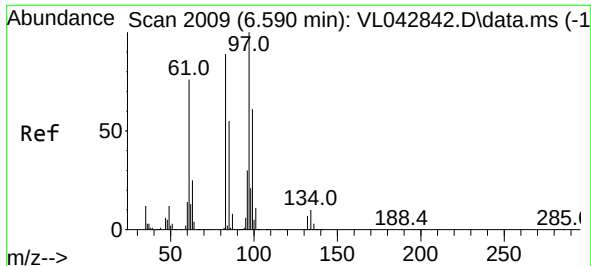
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.190 ppbv
 RT: 5.600 min Scan# 1703
 Delta R.T. -0.010 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

Tgt Ion: 75 Resp: 200539
 Ion Ratio Lower Upper
 75 100
 39 66.3 48.9 73.3
 77 27.9 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 10.380 ppbv

RT: 6.584 min Scan# 2009

Delta R.T. -0.007 min

Lab File: VL042878.D

Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 13645

Ion Ratio Lower Upper

97 100

83 81.8 71.0 106.4

85 52.8 43.6 65.4

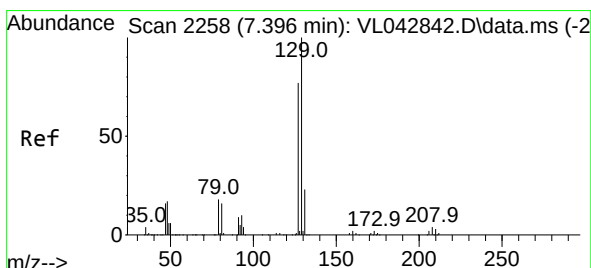
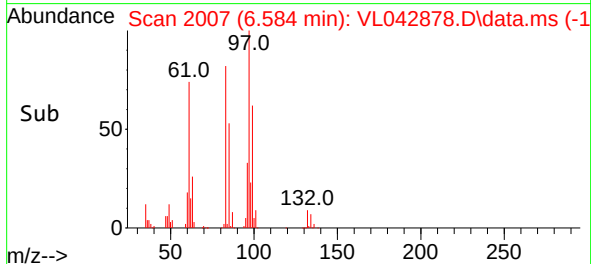
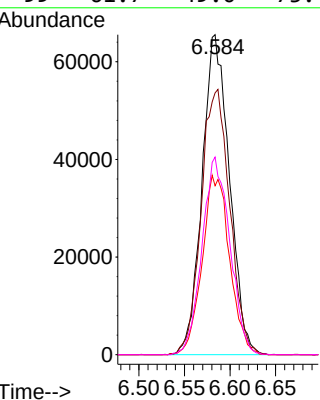
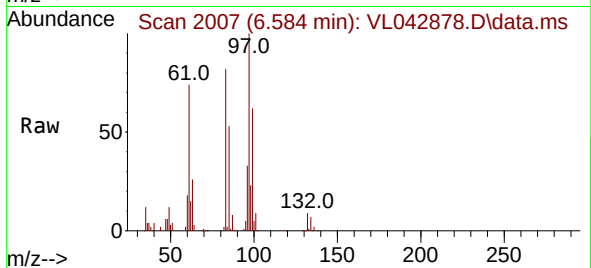
99 61.7 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#48

Dibromochloromethane

Concen: 10.473 ppbv

RT: 7.386 min Scan# 2255

Delta R.T. -0.010 min

Lab File: VL042878.D

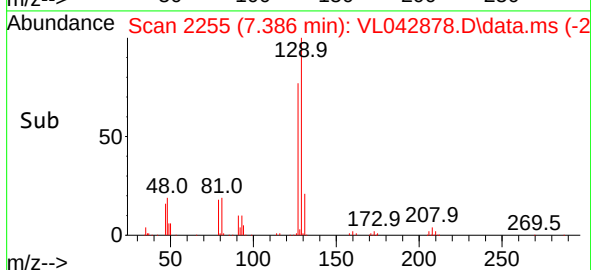
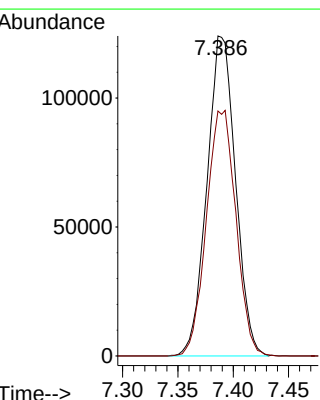
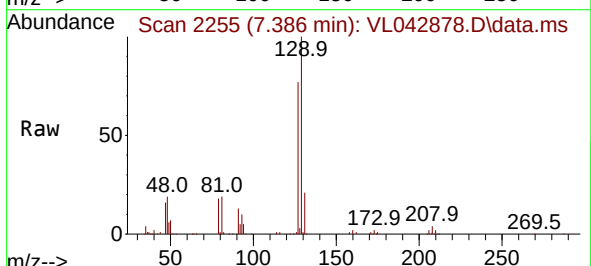
Acq: 22 Aug 2025 09:26

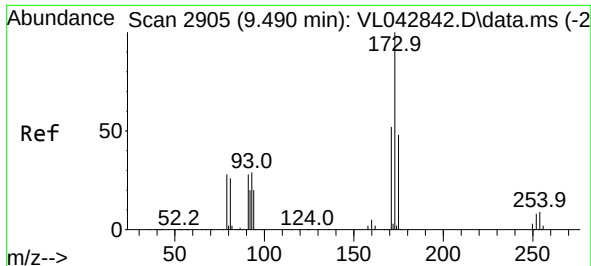
Tgt Ion:129 Resp: 222797

Ion Ratio Lower Upper

129 100

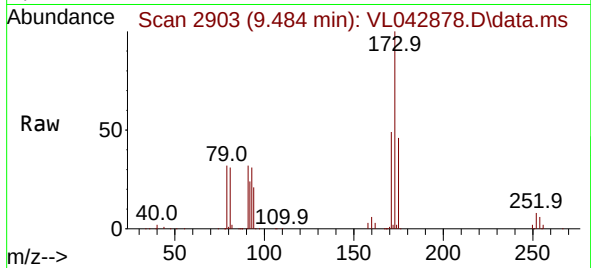
127 79.4 39.4 118.2





#49
Bromoform
Concen: 10.064 ppbv
RT: 9.484 min Scan# 2905
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

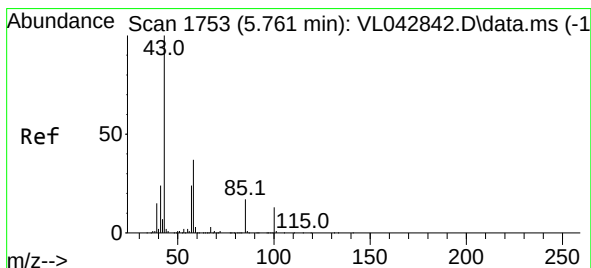
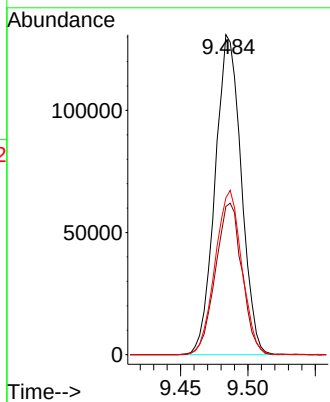
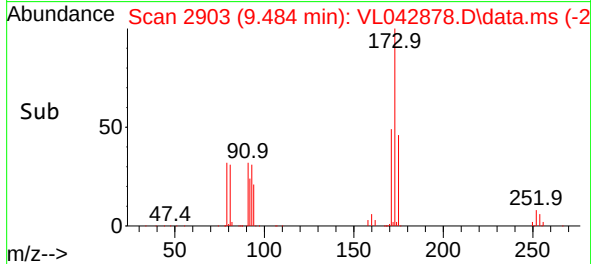
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 17656
Ion Ratio Lower Upper
173 100
175 48.2 39.2 58.8
171 52.5 41.3 61.9

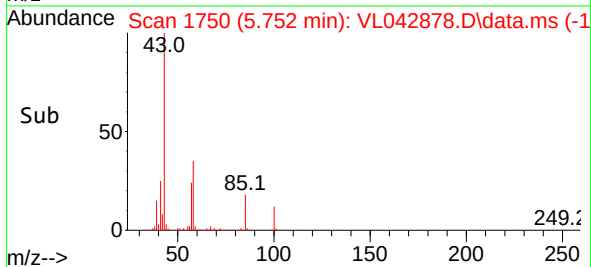
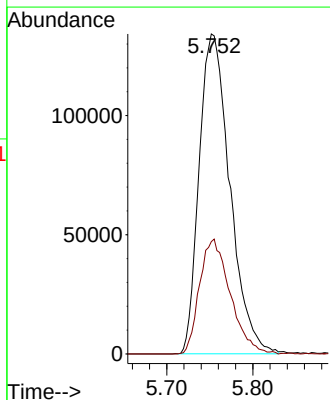
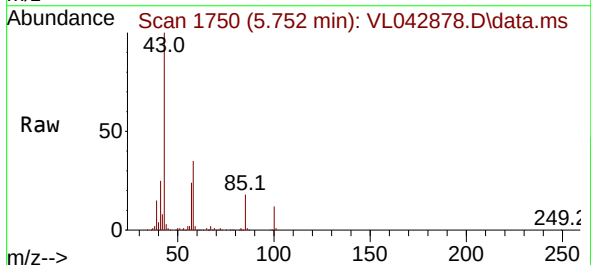
Manual Integrations
APPROVED

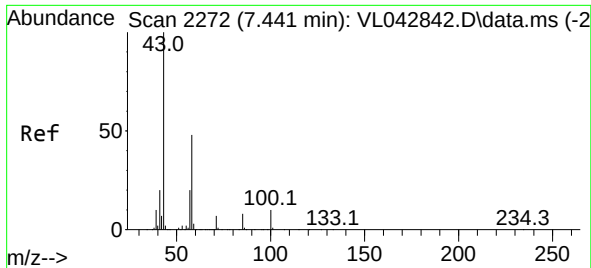
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#50
4-Methyl-2-Pentanone
Concen: 10.261 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. -0.010 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

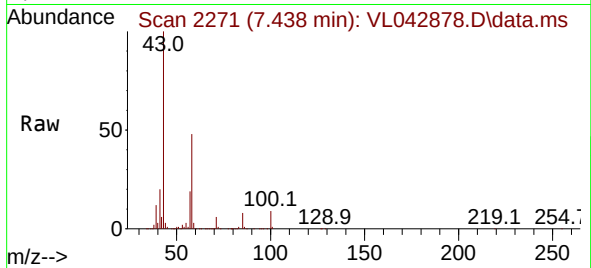
Tgt Ion: 43 Resp: 332273
Ion Ratio Lower Upper
43 100
58 36.0 29.8 44.8





#51
2-Hexanone
Concen: 10.438 ppbv
RT: 7.438 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

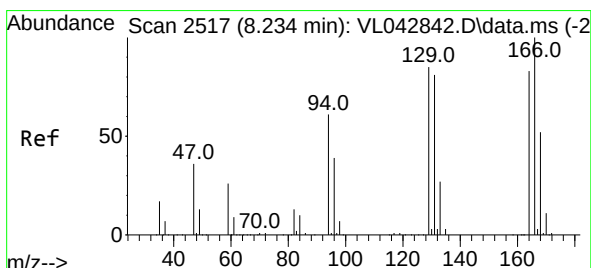
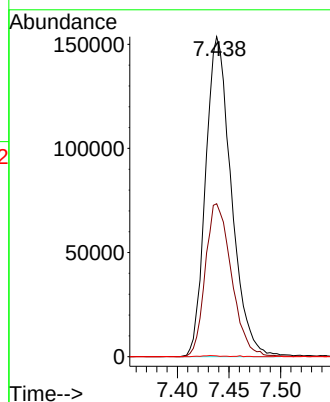
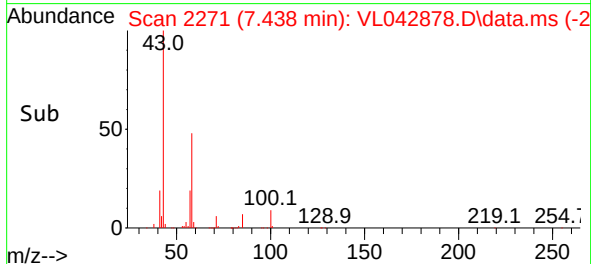
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 26596
Ion Ratio Lower Upper
43 100
58 48.7 41.0 61.6
98 0.3 0.1 0.1

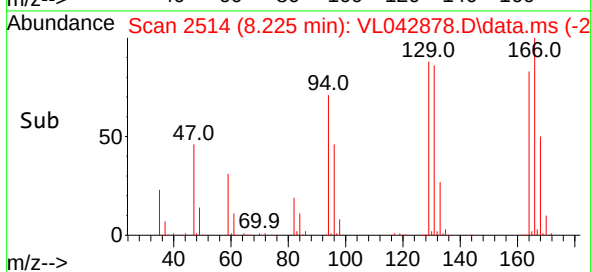
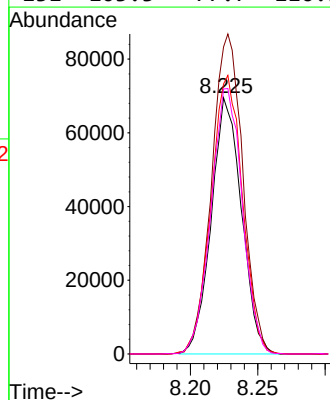
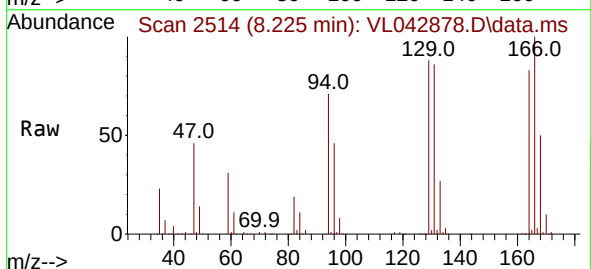
Manual Integrations
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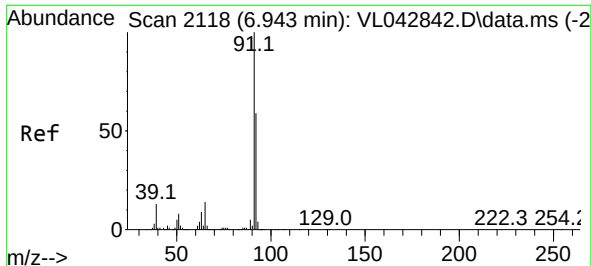
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Tetrachloroethene
Concen: 8.811 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. -0.010 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Tgt Ion:164 Resp: 108289
Ion Ratio Lower Upper
164 100
166 119.9 96.5 144.7
129 105.2 81.8 122.6
131 103.3 77.7 116.5





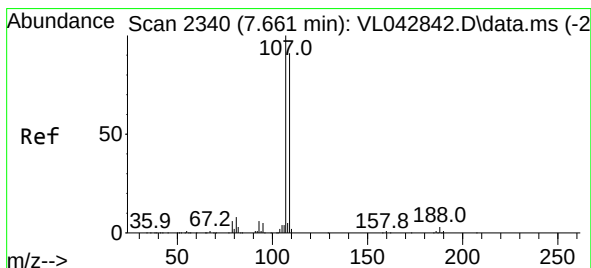
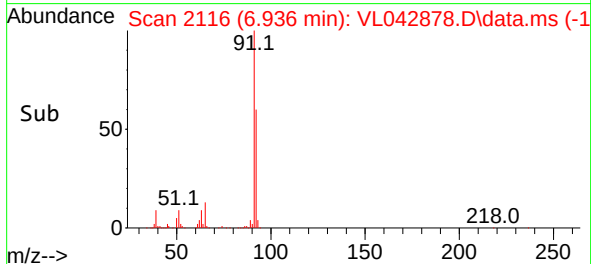
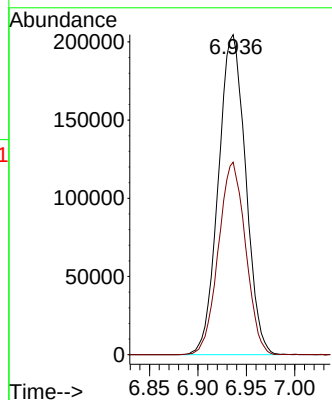
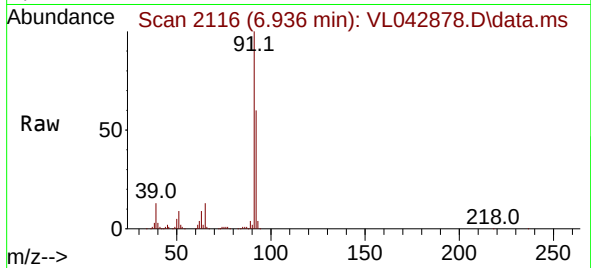
#53
Toluene
Concen: 9.923 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 400789
Ion Ratio Lower Upper
91 100
92 60.0 47.8 71.6

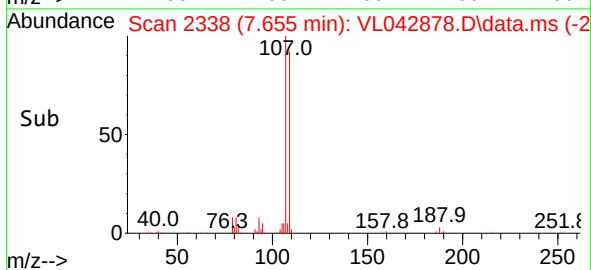
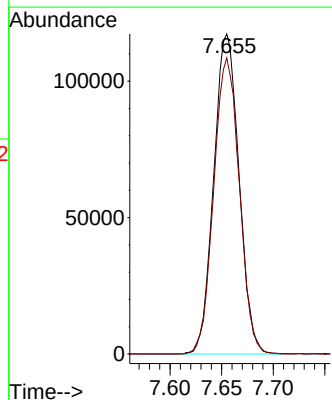
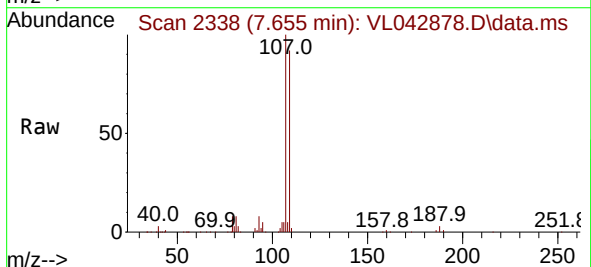
Manual Integrations
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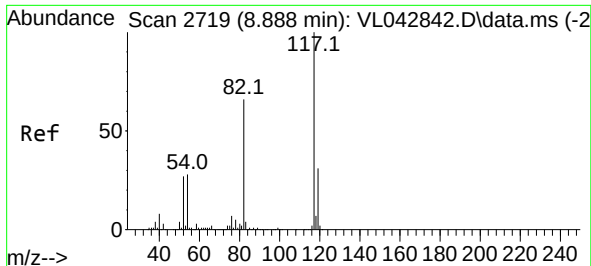
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#54
1,2-Dibromoethane
Concen: 10.375 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

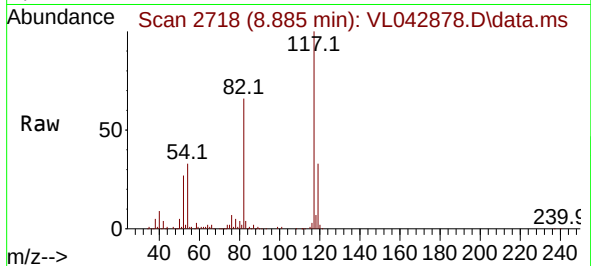
Tgt Ion:107 Resp: 199322
Ion Ratio Lower Upper
107 100
109 92.5 72.5 108.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2719
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

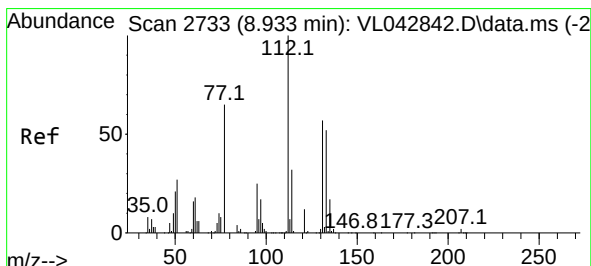
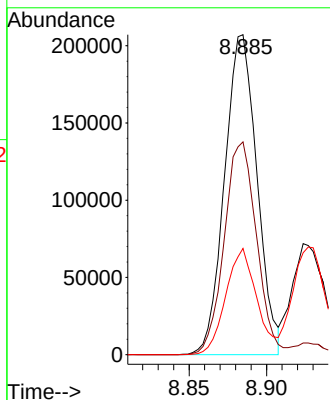
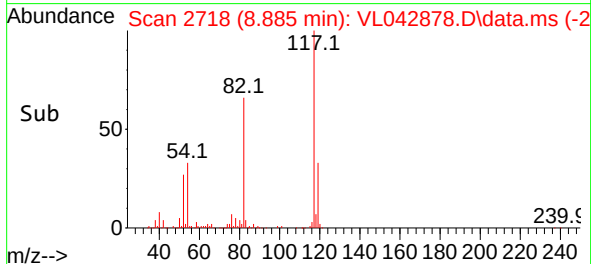
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 301944
Ion Ratio Lower Upper
117 100
82 69.6 54.6 81.8
119 32.0 25.9 38.9

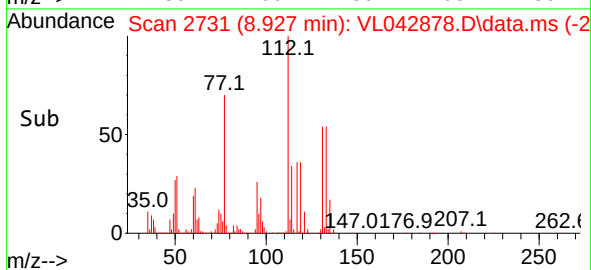
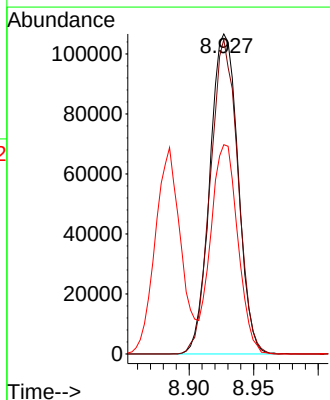
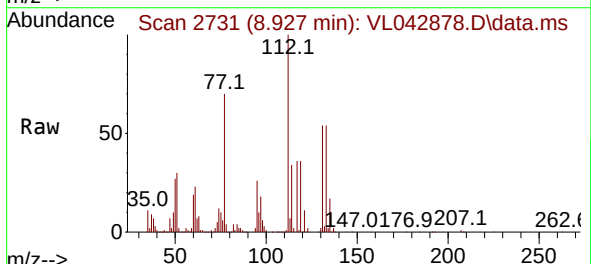
Manual Integrations
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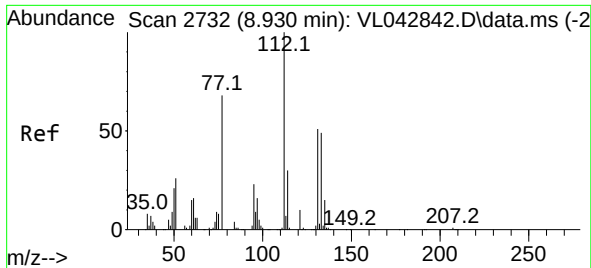
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 10.355 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

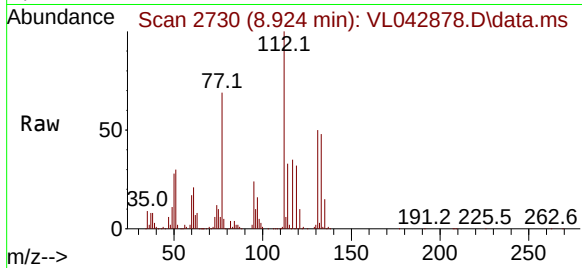
Tgt Ion:131 Resp: 161692
Ion Ratio Lower Upper
131 100
133 96.0 77.4 116.0
119 62.3 51.2 76.8





#57
Chlorobenzene
Concen: 10.405 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

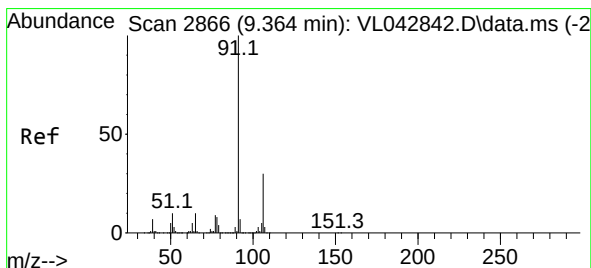
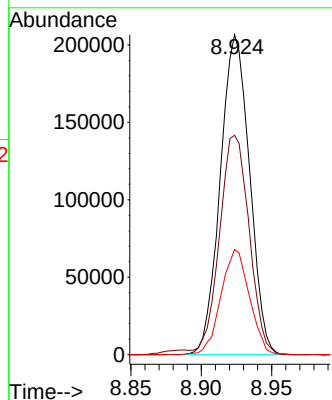
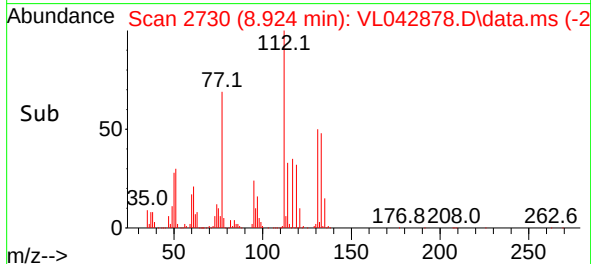
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 298724
Ion Ratio Lower Upper
112 100
77 68.4 55.5 83.3
114 32.8 27.2 33.2

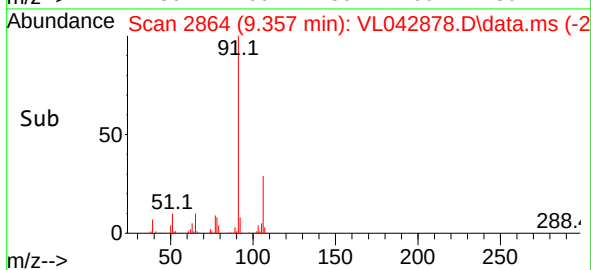
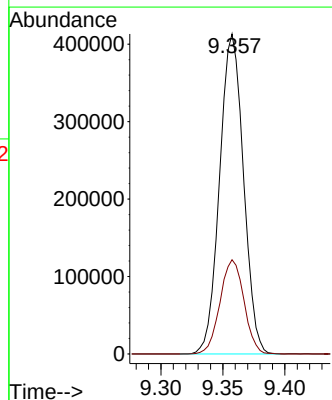
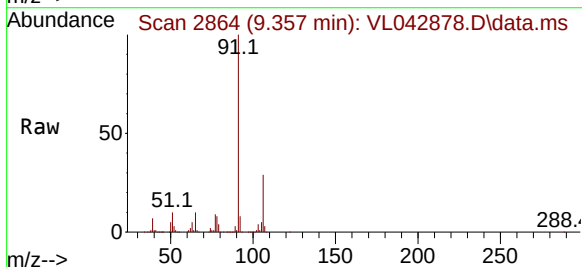
Manual Integrations
APPROVED

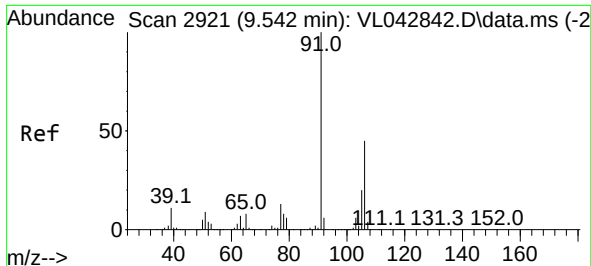
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#58
Ethyl Benzene
Concen: 10.402 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Tgt Ion: 91 Resp: 554242
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9





#59

m/p-Xylene

Concen: 21.271 ppbv m

RT: 9.552 min Scan# 2921

Delta R.T. 0.010 min

Lab File: VL042878.D

Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 888380

Ion Ratio Lower Upper

91 100

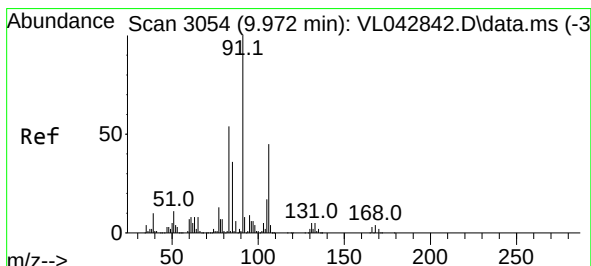
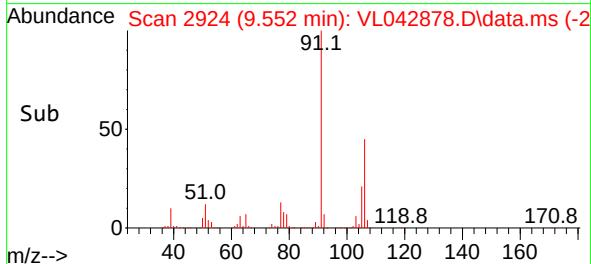
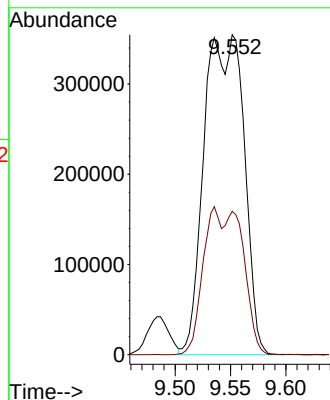
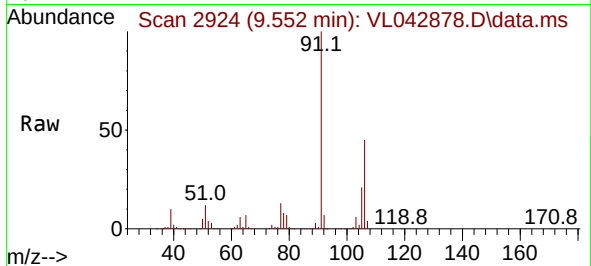
106 45.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#60

o-Xylene

Concen: 10.482 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.007 min

Lab File: VL042878.D

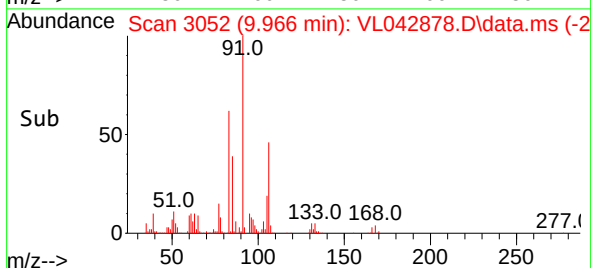
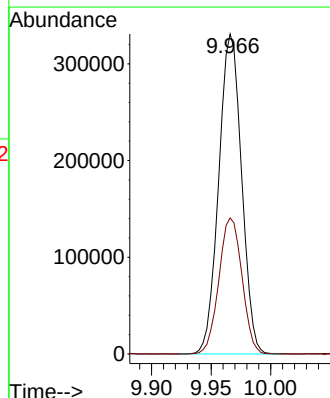
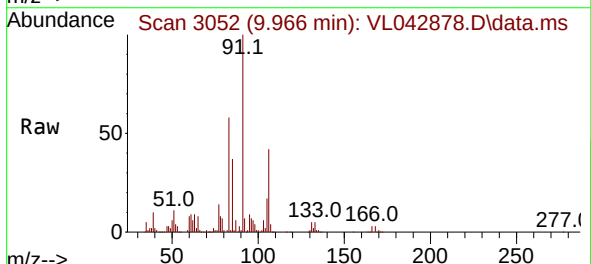
Acq: 22 Aug 2025 09:26

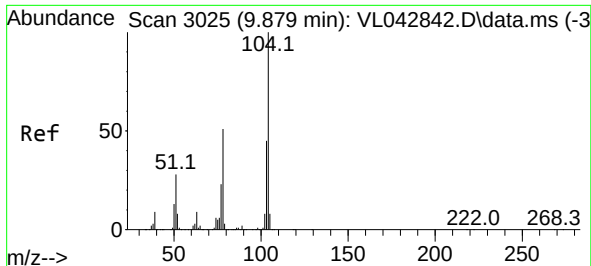
Tgt Ion: 91 Resp: 440384

Ion Ratio Lower Upper

91 100

106 42.9 21.8 65.4





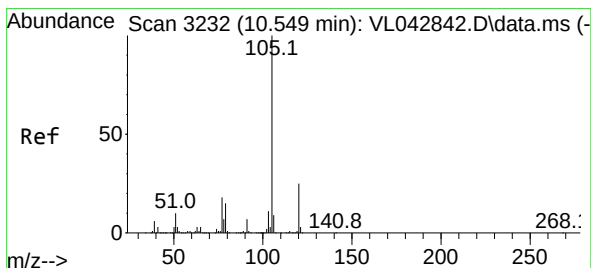
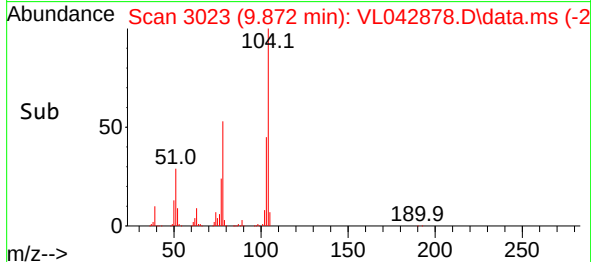
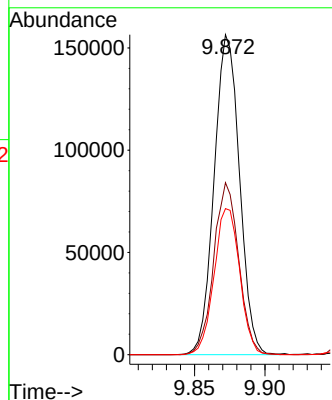
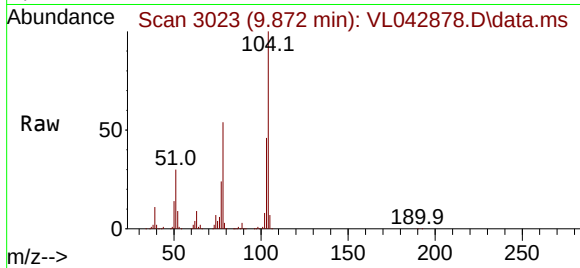
#61
Styrene
Concen: 9.984 ppbv
RT: 9.872 min Scan# 3025
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:104 Resp: 196520
Ion Ratio Lower Upper
104 100
78 53.0 40.6 61.0
103 46.2 37.7 56.5

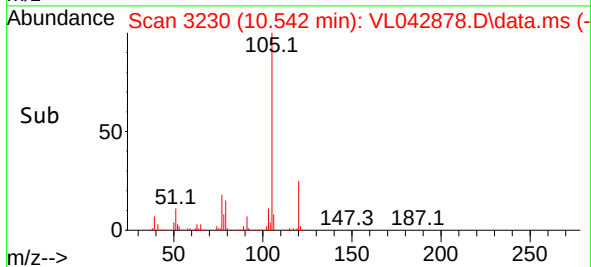
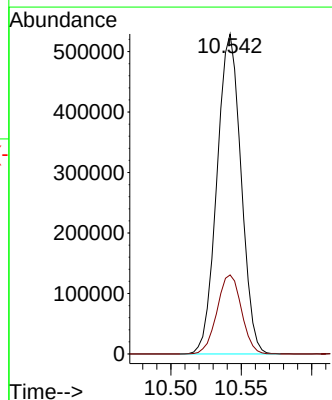
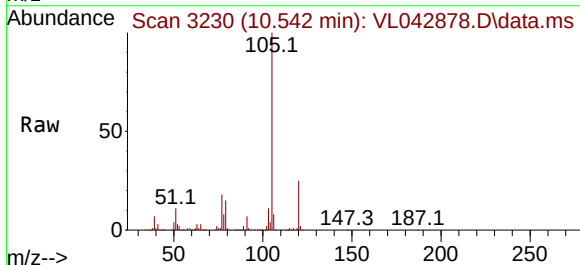
Manual Integrations
APPROVED

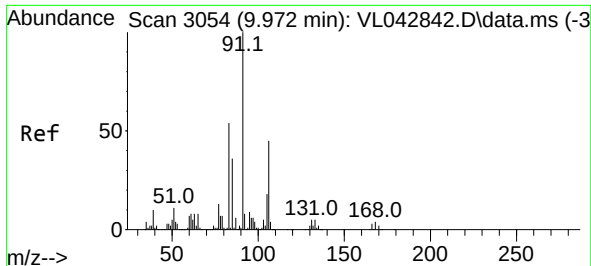
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#62
Isopropylbenzene
Concen: 10.253 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Tgt Ion:105 Resp: 629494
Ion Ratio Lower Upper
105 100
120 25.0 20.6 30.8





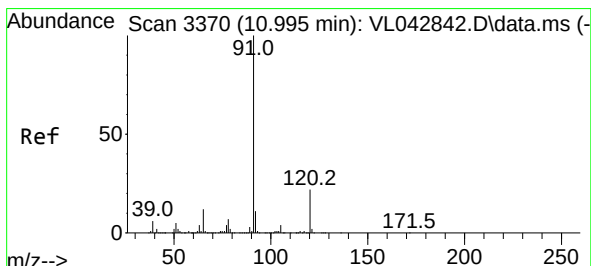
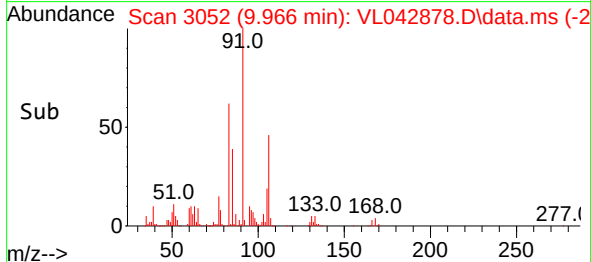
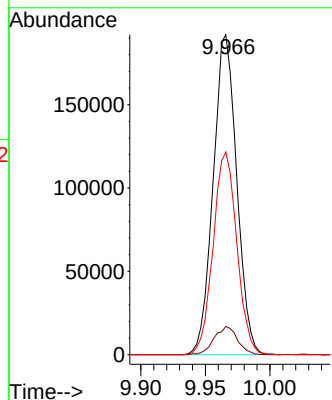
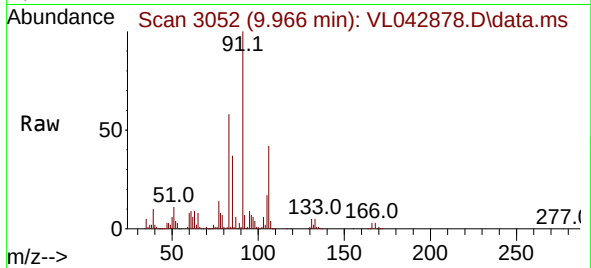
#63
1,1,2,2-Tetrachloroethane
Concen: 10.531 ppbv
RT: 9.966 min Scan# 3054
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 243312
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 63.7 32.3 96.8

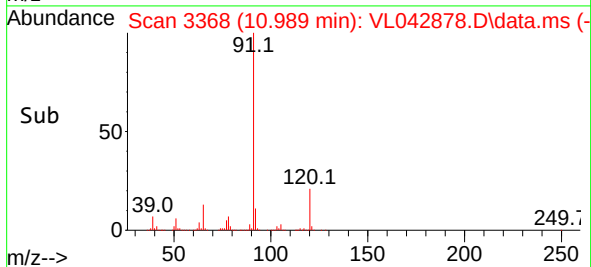
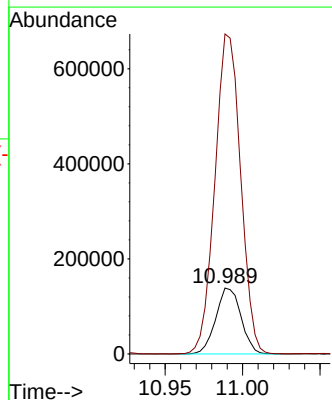
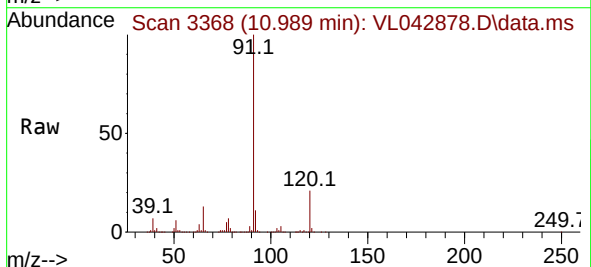
Manual Integrations
APPROVED

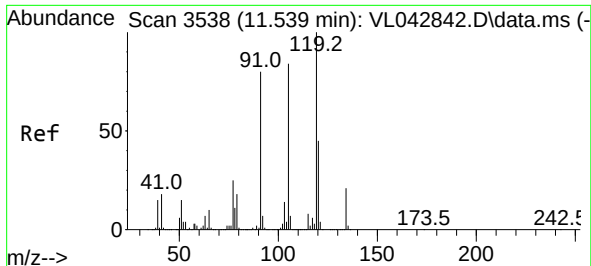
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#64
n-propylbenzene
Concen: 10.020 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

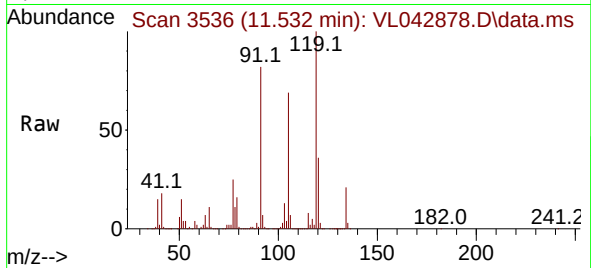
Tgt Ion:120 Resp: 156971
Ion Ratio Lower Upper
120 100
91 494.9 375.8 563.6





#65
tert-Butylbenzene
Concen: 9.925 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

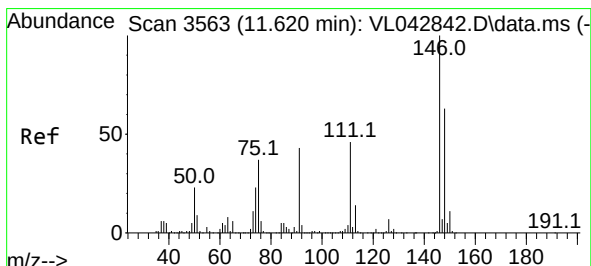
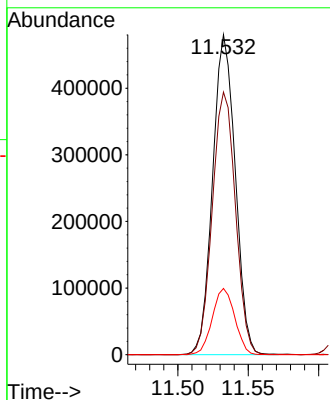
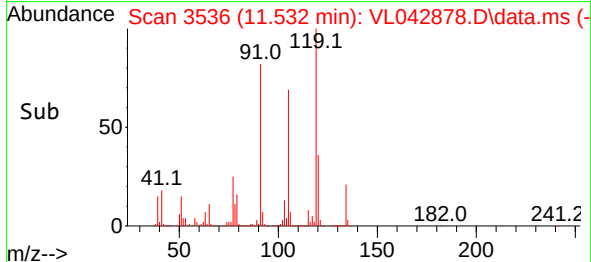
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



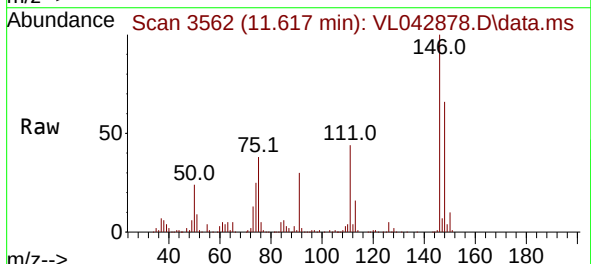
Tgt Ion: 119 Resp: 537204
Ion Ratio Lower Upper
119 100
91 84.2 63.9 95.9
134 20.5 17.0 25.4

Manual Integrations
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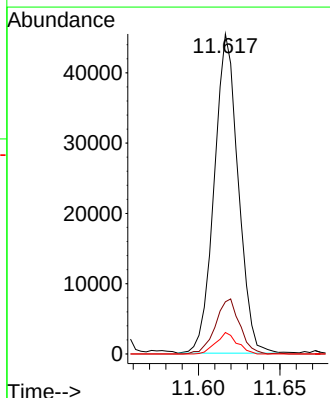
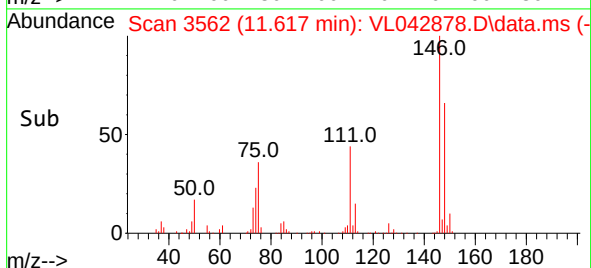
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

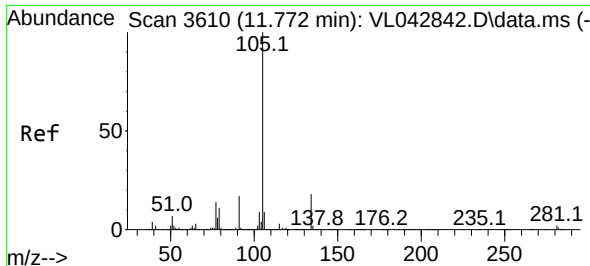


#66
Benzyl Chloride
Concen: 6.757 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



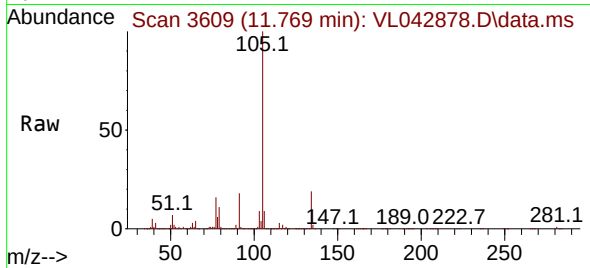
Tgt Ion: 91 Resp: 46426
Ion Ratio Lower Upper
91 100
126 17.5 14.2 21.4
128 5.9 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 10.317 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

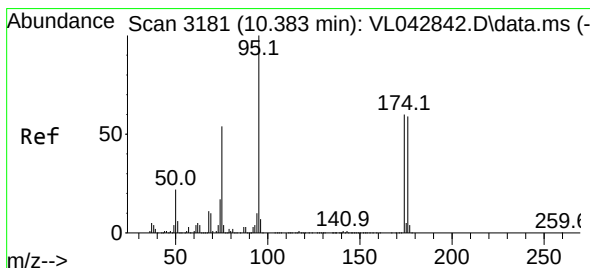
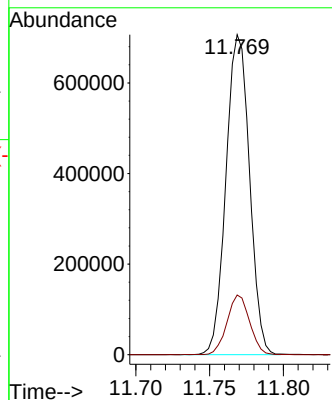
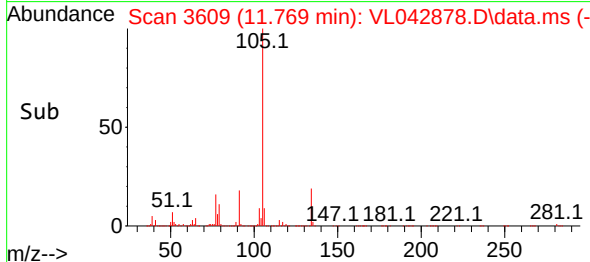
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 78380
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.9 22.3

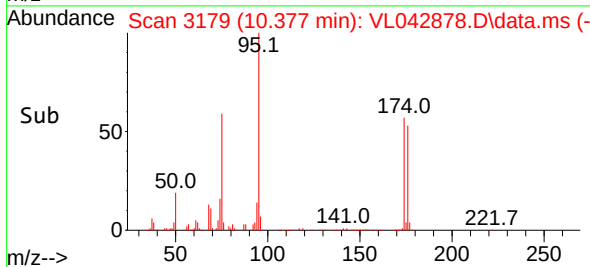
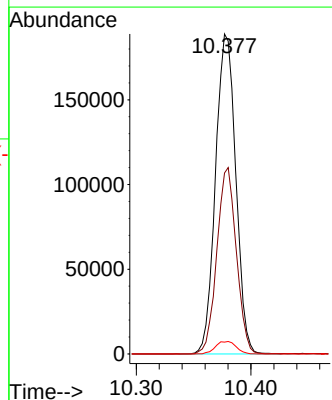
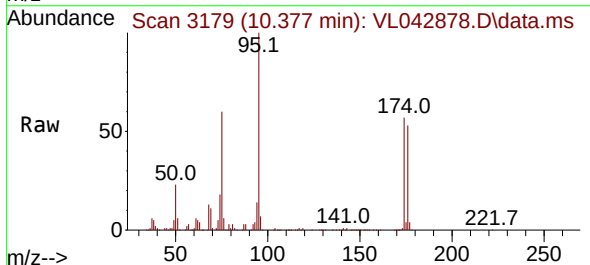
Manual Integrations
 APPROVED

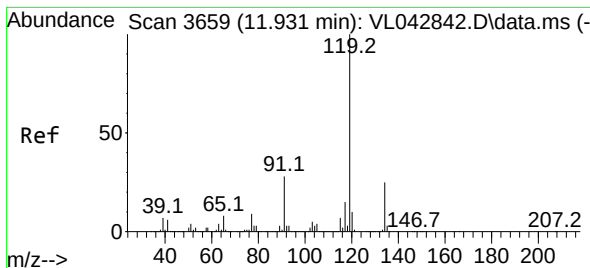
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.240 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.007 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

Tgt Ion: 95 Resp: 231892
 Ion Ratio Lower Upper
 95 100
 174 56.0 48.4 72.6
 175 4.0 3.8 5.8





#69
p-Isopropyltoluene
Concen: 9.838 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

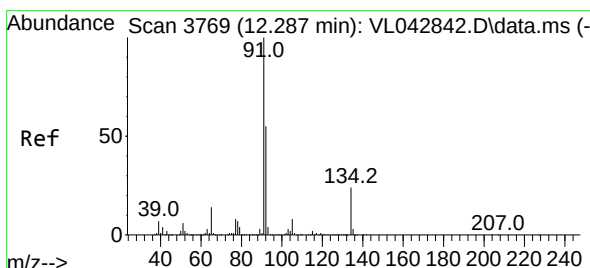
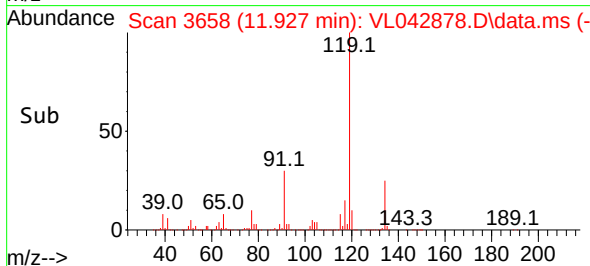
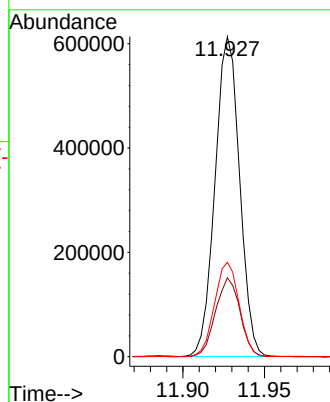
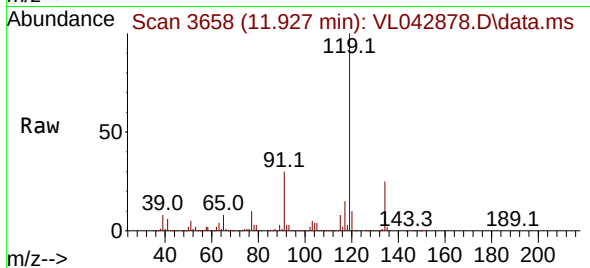
VSTDCCC010EC

Tgt Ion:119 Resp: 641670
Ion Ratio Lower Upper
119 100
134 24.6 20.6 30.8
91 29.7 22.6 34.0

Manual Integrations

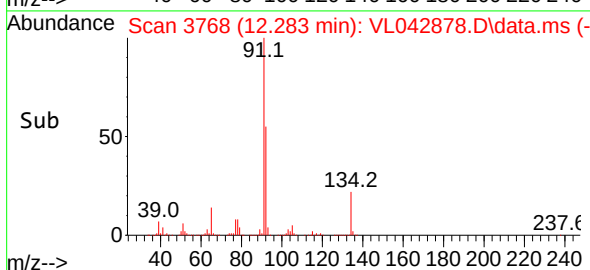
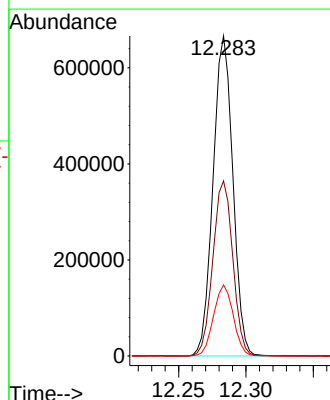
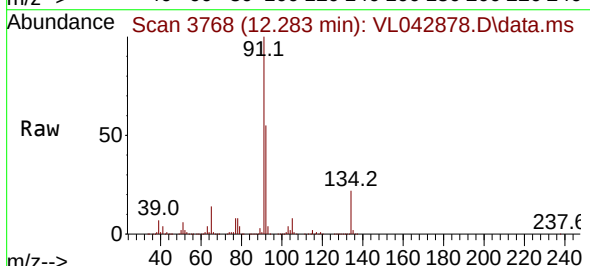
APPROVED

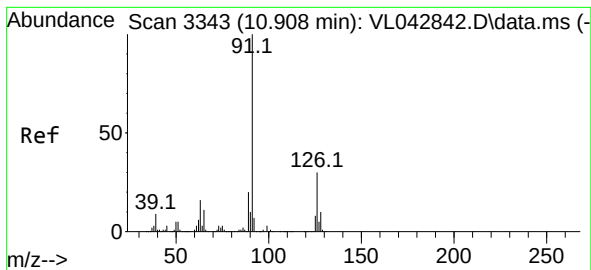
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
n-Butylbenzene
Concen: 10.527 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Tgt Ion: 91 Resp: 680980
Ion Ratio Lower Upper
91 100
92 55.0 44.6 66.8
134 22.1 19.0 28.4





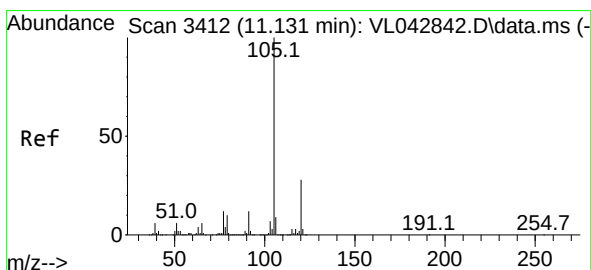
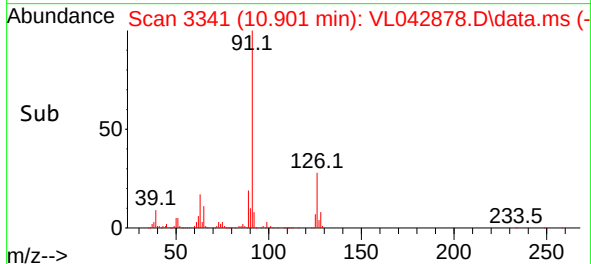
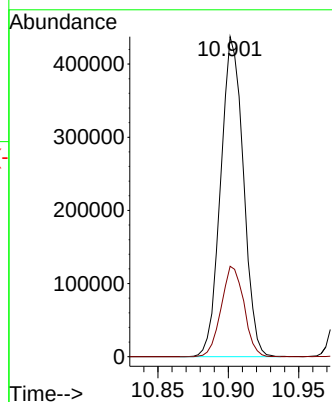
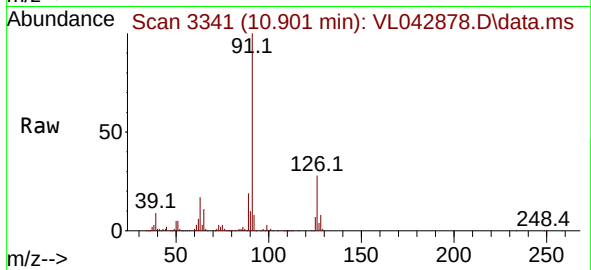
#71
2-Chlorotoluene
Concen: 10.307 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 491389
Ion Ratio Lower Upper
91 100
126 28.3 12.0 47.8

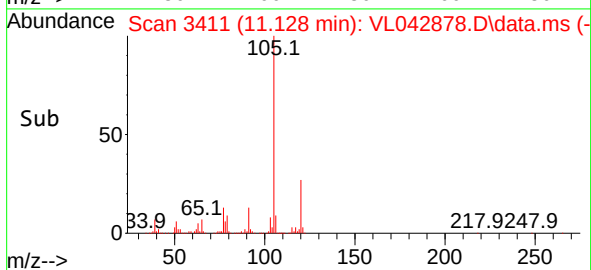
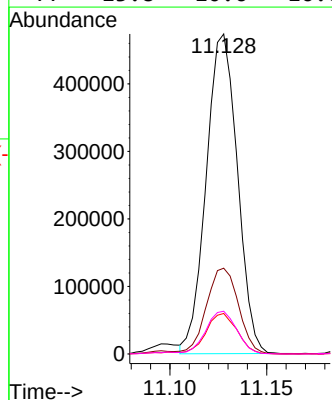
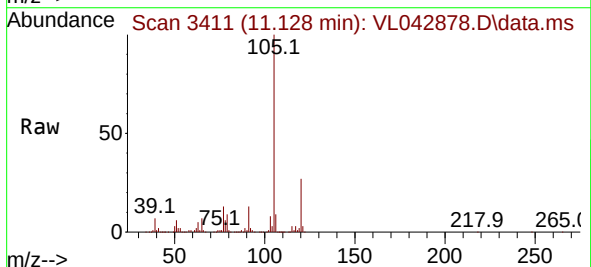
Manual Integrations
APPROVED

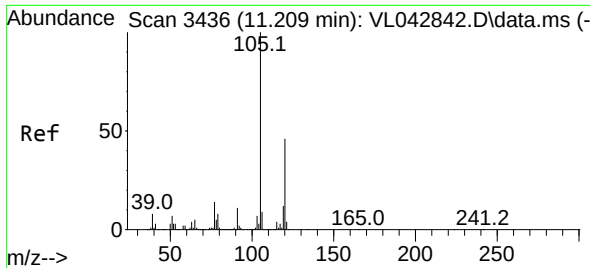
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#72
4-Ethyltoluene
Concen: 10.423 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

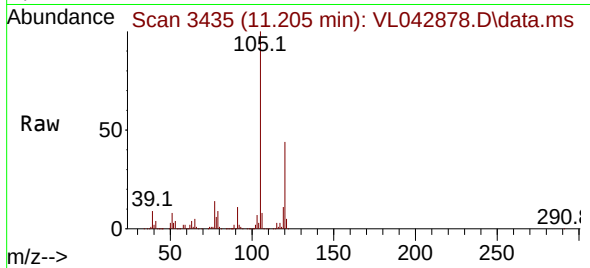
Tgt Ion:105 Resp: 530826
Ion Ratio Lower Upper
105 100
120 28.4 23.4 35.2
91 13.0 9.8 14.6
77 13.8 10.6 16.0





#73
 1,3,5-Trimethylbenzene
 Concen: 10.196 ppbv
 RT: 11.205 min Scan# 3436
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

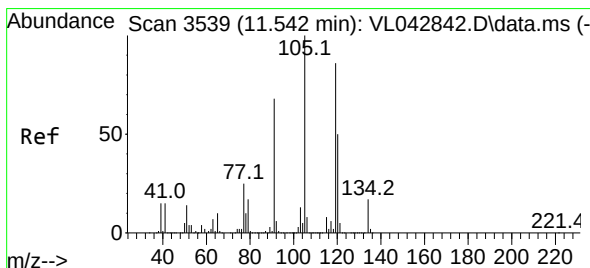
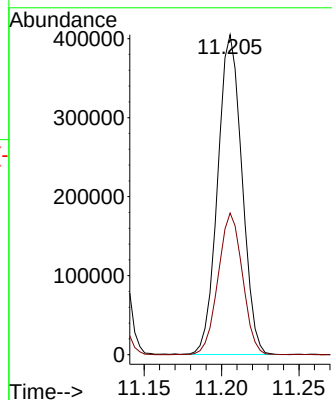
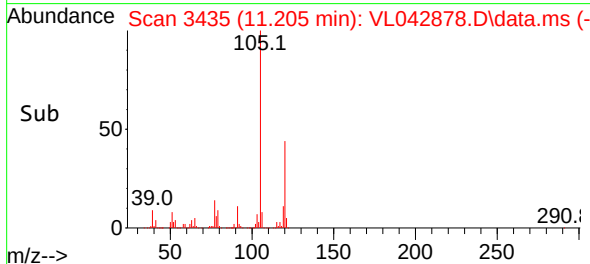
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



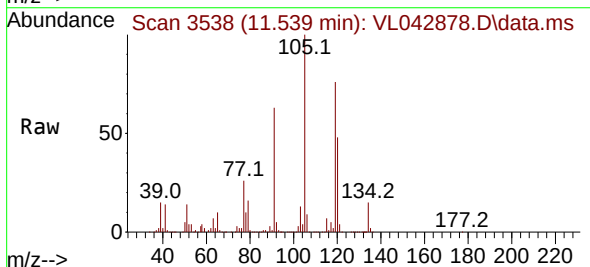
Tgt Ion:105 Resp: 441579
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.6 54.8

Manual Integrations
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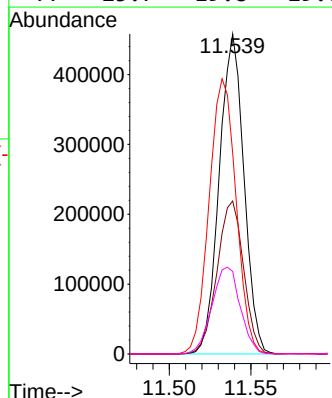
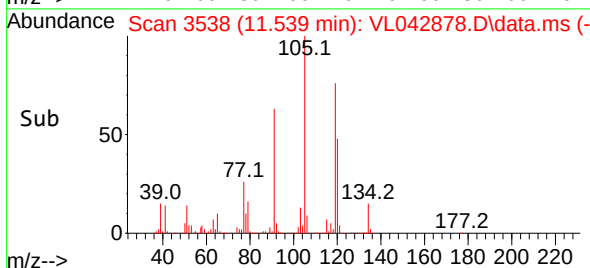
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

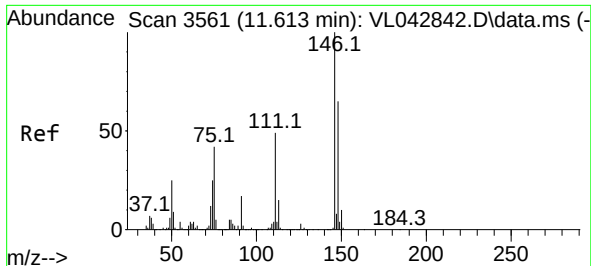


#74
 1,2,4-Trimethylbenzene
 Concen: 10.132 ppbv
 RT: 11.539 min Scan# 3538
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26



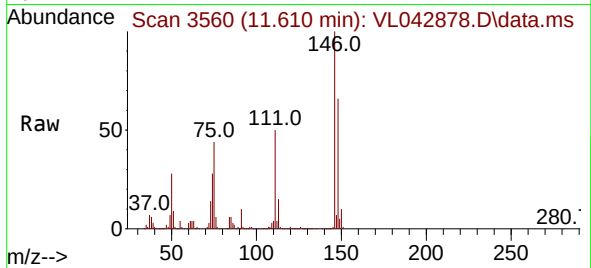
Tgt Ion:105 Resp: 481659
 Ion Ratio Lower Upper
 105 100
 120 47.8 39.8 59.6
 91 62.8 54.2 81.4
 77 25.7 19.8 29.6





#75
1,3-Dichlorobenzene
Concen: 10.251 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

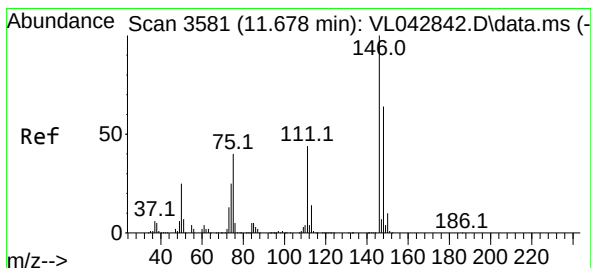
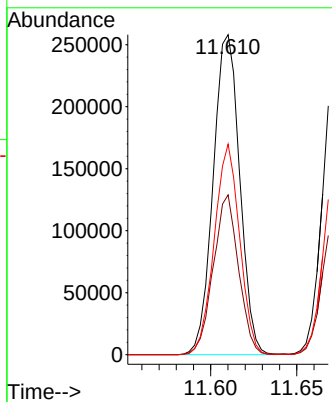
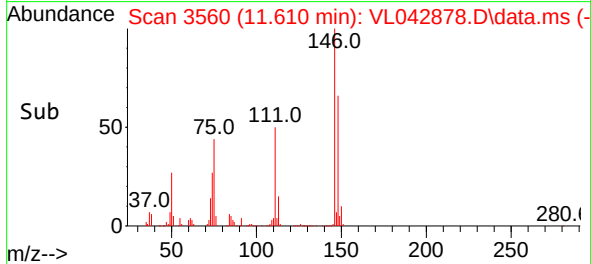
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



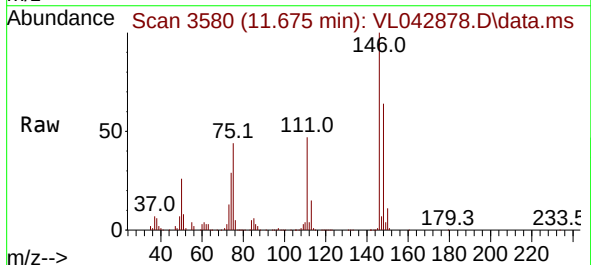
Tgt Ion:146 Resp: 277030
Ion Ratio Lower Upper
146 100
111 47.7 23.9 71.7
148 62.9 31.4 94.0

Manual Integrations
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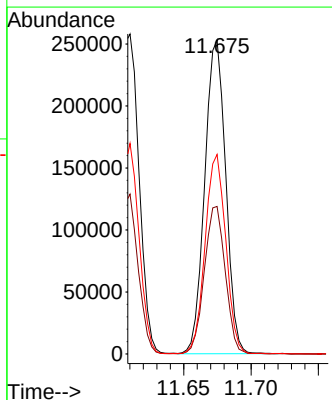
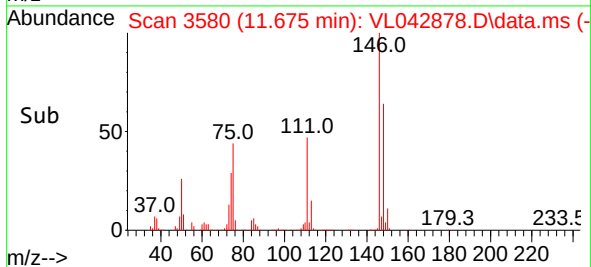
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

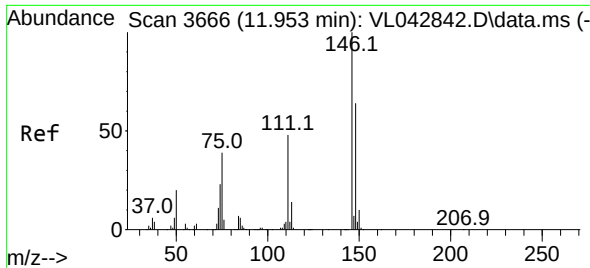


#76
1,4-Dichlorobenzene
Concen: 10.021 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



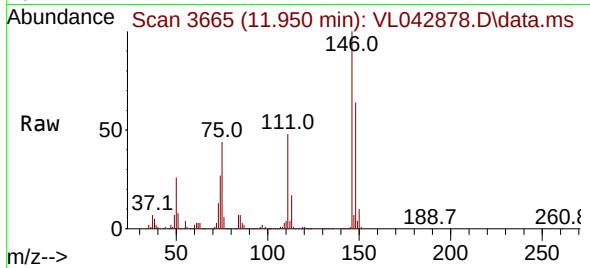
Tgt Ion:146 Resp: 273883
Ion Ratio Lower Upper
146 100
111 47.3 22.7 68.1
148 63.1 31.8 95.3





#77
1,2-Dichlorobenzene
Concen: 9.947 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

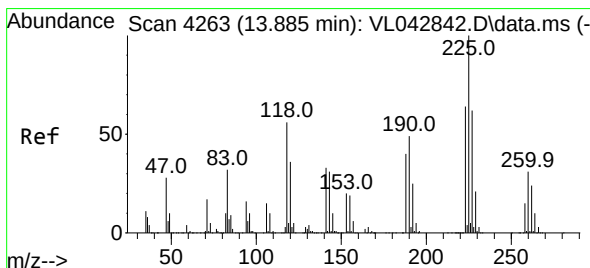
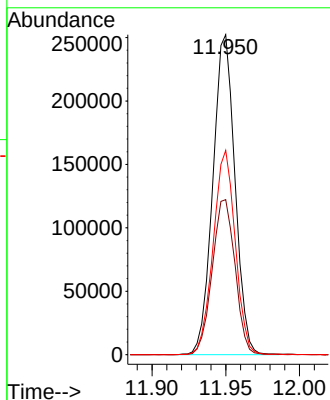
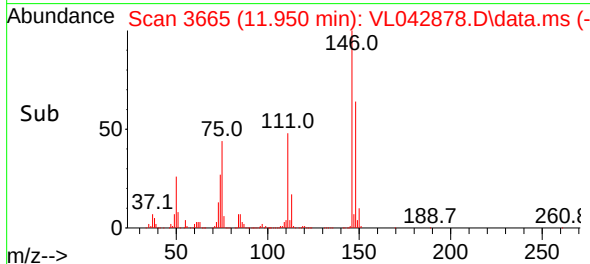
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



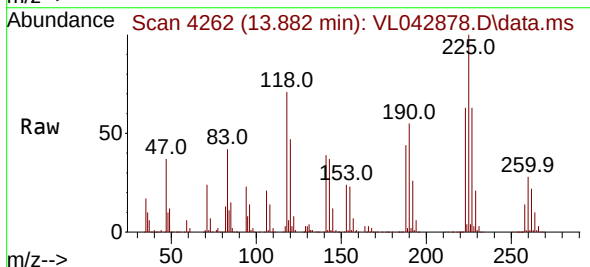
Tgt Ion:146 Resp: 263235
Ion Ratio Lower Upper
146 100
111 50.1 24.6 74.0
148 63.6 32.0 96.0

Manual Integrations
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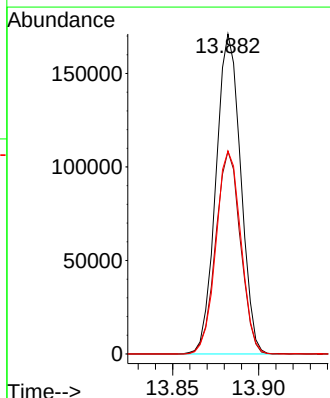
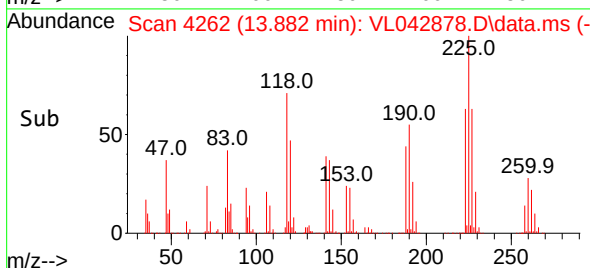
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

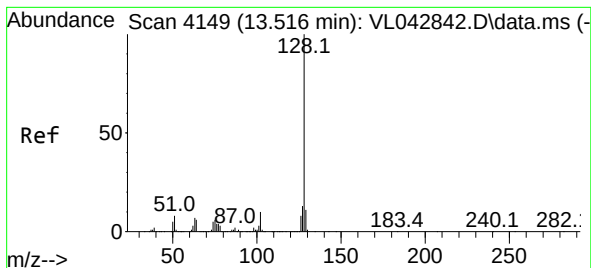


#78
Hexachloro-1,3-Butadiene
Concen: 7.890 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



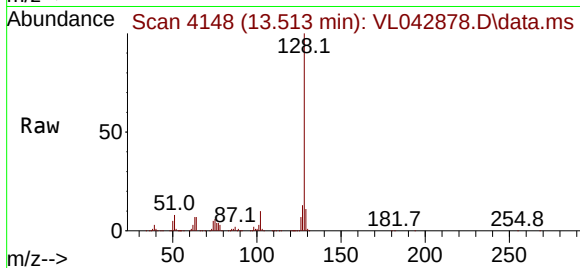
Tgt Ion:225 Resp: 171117
Ion Ratio Lower Upper
225 100
223 63.4 51.4 77.2
227 63.9 51.9 77.9





#79
Naphthalene
Concen: 10.016 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26

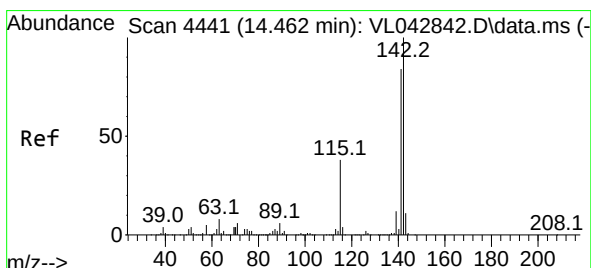
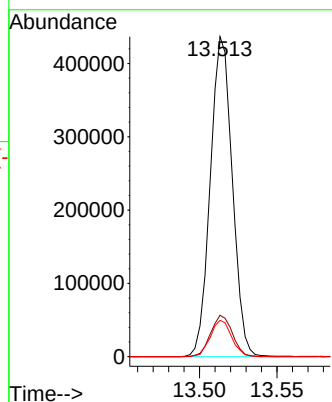
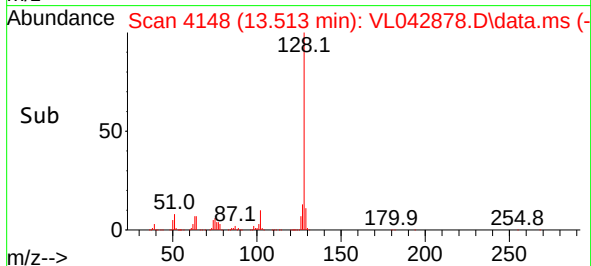
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



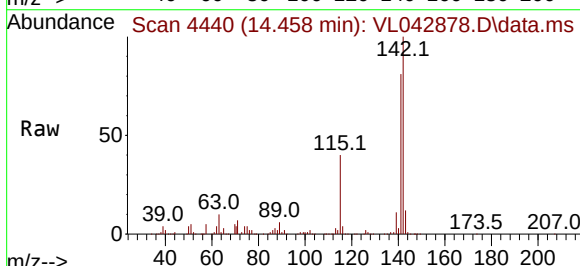
Tgt Ion:128 Resp: 431690
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.3 8.9 13.3

Manual Integrations
APPROVED

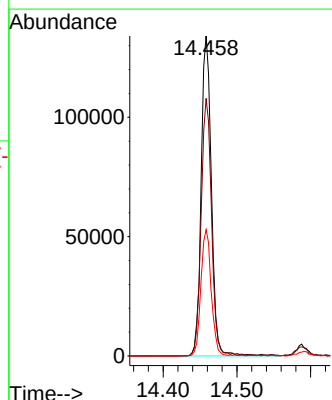
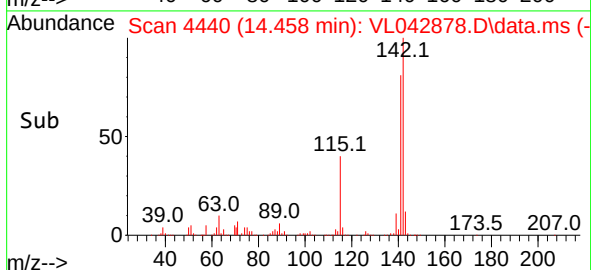
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

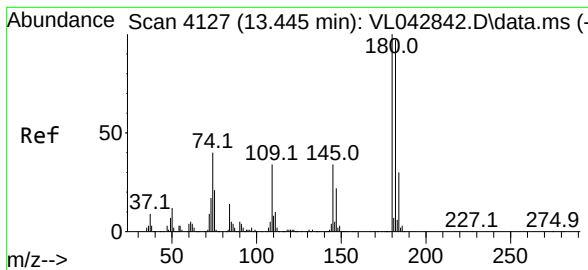


#80
Naphthalene,2-methyl-
Concen: 8.016 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.003 min
Lab File: VL042878.D
Acq: 22 Aug 2025 09:26



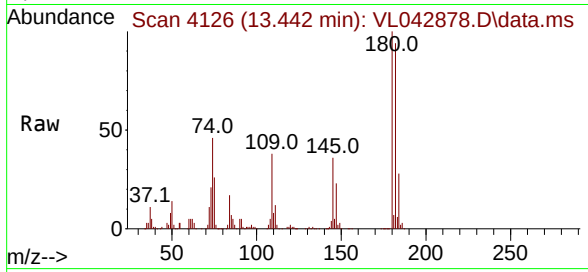
Tgt Ion:142 Resp: 129094
Ion Ratio Lower Upper
142 100
141 82.5 67.0 100.6
115 40.3 30.9 46.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.690 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042878.D
 Acq: 22 Aug 2025 09:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 20990
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.9 115.3
 184 29.9 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

