

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043180.D
 Acq On : 11 Nov 2025 08:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

Quant Time: Nov 12 00:12:56 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	132532	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	370924	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	319069	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 254836 10.275 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	183723	9.751	ppbv	98
3) Chlorodifluoromethane	1.483	51	202454	9.931	ppbv	100
4) Chloromethane	1.541	50	62541	8.379	ppbv	98
5) Vinyl Chloride	1.586	62	61391	8.386	ppbv	97
6) Bromomethane	1.677	94	38477	9.584	ppbv	100
7) Chloroethane	1.712	64	25756	8.605	ppbv	96
8) Dichlorotetrafluoroethane	1.560	85	147205	9.667	ppbv	91
9) Propene	1.489	41	79706	8.816	ppbv	99
10) Heptane	5.007	43	245150	9.418	ppbv	98
11) Trichlorofluoromethane	1.887	101	198142	10.751	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.149	101	152666	10.289	ppbv	97
13) Ethanol	1.729	45	22752	6.803	ppbv	97
14) Bromoethene	1.790	108	54128	9.820	ppbv	97
15) Acetone	1.842	43	152492	8.537	ppbv	100
16) 1,3-Butadiene	1.615	39	68719	8.072	ppbv	97
17) tert-Butyl alcohol	2.049	59	210931	8.602	ppbv	96
18) 1,1-Dichloroethene	2.046	96	65440	10.117	ppbv	91
19) Isopropyl Alcohol	1.894	45	89581	8.052	ppbv	91
20) Methylene Chloride	2.072	84	58402	8.271	ppbv	96
21) Allyl Chloride	2.107	41	114525	8.700	ppbv	95
22) trans-1,2-Dichloroethene	2.353	96	77870	10.071	ppbv	89
23) Vinyl Acetate	2.473	43	309477	11.827	ppbv #	97
24) 1,1-Dichloroethane	2.421	63	143474	9.604	ppbv	99
25) Ethyl Acetate	2.845	43	440087	9.935	ppbv	99
26) Hexane	2.842	57	199063	9.752	ppbv	99
27) Carbon Disulfide	2.162	76	186799	9.988	ppbv	99
28) Methyl tert-Butyl Ether	2.454	73	90840	9.782	ppbv	93
29) Chloroform	2.861	83	301692	10.201	ppbv	100
30) Cyclohexane	3.878	84	160214	8.993	ppbv	99
31) cis-1,2-Dichloroethene	2.735	61	194237	9.965	ppbv	99
32) 1,1,1-Trichloroethane	3.386	97	296240	9.618	ppbv	100
34) 2-Butanone	2.567	43	296563	11.894	ppbv	98
35) Carbon Tetrachloride	3.781	117	301277	11.297	ppbv	96
36) Benzene	3.677	78	383103	10.966	ppbv	98
37) 1,2-Dichloroethane	3.234	62	232445	11.550	ppbv	99
38) Trichloroethene	4.574	130	144831	9.926	ppbv	97
39) 1,2-Dichloropropane	4.337	63	140510	11.001	ppbv	96
40) 1,4-Dioxane	4.603	88	57730	10.101	ppbv #	96
41) Tetrahydrofuran	3.065	42	150298	10.778	ppbv	97
42) Bromodichloromethane	4.512	83	318665	11.440	ppbv	97
43) Methyl Methacrylate	4.904	69	182621	10.292	ppbv	98
44) 2,2,4-Trimethylpentane	4.664	57	655191	11.116	ppbv	99
45) t-1,3-Dichloropropene	6.441	75	179639	10.088	ppbv	99

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Instrument :
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Quant Time: Nov 12 00:12:56 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

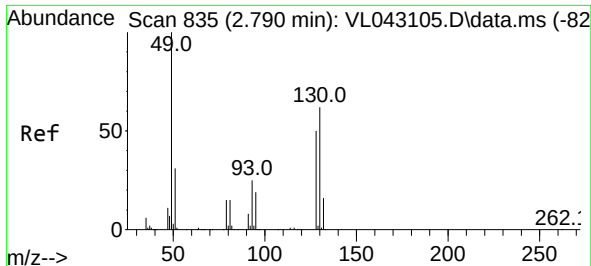
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.629	75	215528	10.132	ppbv	98
47) 1,1,2-Trichloroethane	6.606	97	152159	11.032	ppbv	97
48) Dibromochloromethane	7.409	129	251658	10.913	ppbv	98
49) Bromoform	9.500	173	214367	11.436	ppbv	99
50) 4-Methyl-2-Pentanone	5.778	43	366191m	10.642	ppbv	
51) 2-Hexanone	7.454	43	278490	10.790	ppbv #	97
52) Tetrachloroethene	8.244	164	129615	10.288	ppbv	95
53) Toluene	6.956	91	421396	10.163	ppbv	98
54) 1,2-Dibromoethane	7.671	107	226943	10.505	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.940	131	231293	11.499	ppbv	97
57) Chlorobenzene	8.940	112	326657	10.944	ppbv	99
58) Ethyl Benzene	9.370	91	587375	10.726	ppbv	98
59) m/p-Xylene	9.564	91	960668m	21.995	ppbv	
60) o-Xylene	9.979	91	472838	10.961	ppbv	99
61) Styrene	9.885	104	194324	9.979	ppbv	99
62) Isopropylbenzene	10.555	105	856402	10.987	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	320460	11.095	ppbv	99
64) n-propylbenzene	11.002	120	223050	10.808	ppbv	94
65) tert-Butylbenzene	11.545	119	725442	10.539	ppbv	99
66) Benzyl Chloride	11.626	91	67343	8.790	ppbv	100
67) sec-Butylbenzene	11.782	105	1058230	10.832	ppbv	99
69) p-Isopropyltoluene	11.940	119	878084	10.578	ppbv	99
70) n-Butylbenzene	12.293	91	892212	10.907	ppbv	99
71) 2-Chlorotoluene	10.914	91	645588	10.859	ppbv	99
72) 4-Ethyltoluene	11.137	105	583156	10.994	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	483034	11.042	ppbv	95
74) 1,2,4-Trimethylbenzene	11.552	105	527359	10.773	ppbv #	86
75) 1,3-Dichlorobenzene	11.620	146	323378	11.390	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	323615	11.304	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	308369	11.227	ppbv	97
78) Hexachloro-1,3-Butadiene	13.892	225	215523	10.134	ppbv	99
79) Naphthalene	13.526	128	523078	10.223	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	137671	10.328	ppbv	97
81) 1,2,4-Trichlorobenzene	13.452	180	229828	10.822	ppbv	100

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



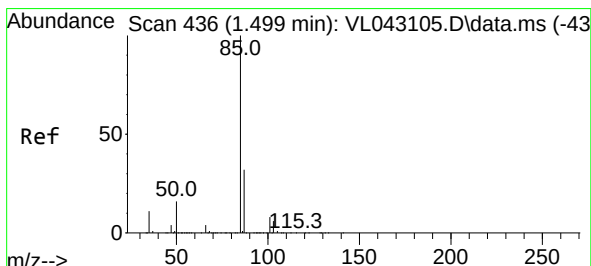
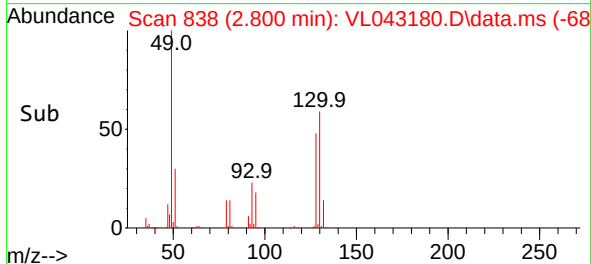
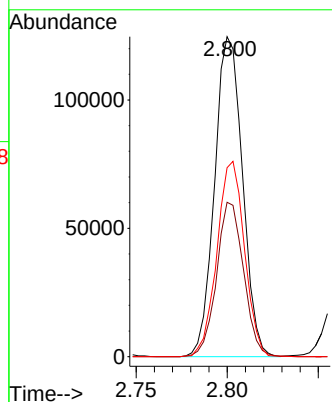
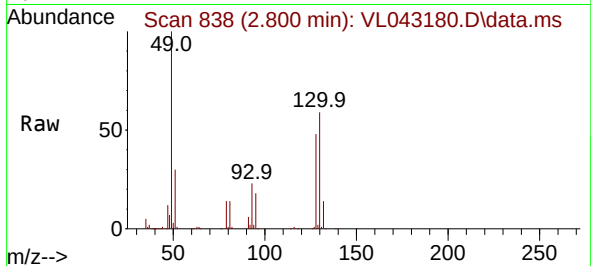
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 835
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 13253
Ion Ratio Lower Upper
49 100
128 46.7 24.4 73.4
130 60.3 31.0 93.0

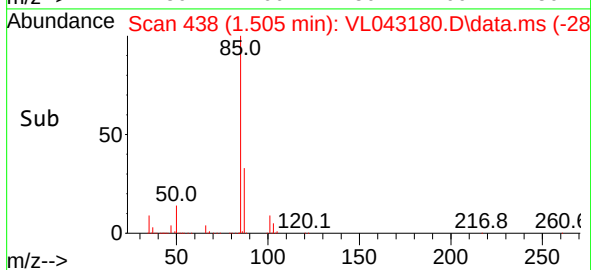
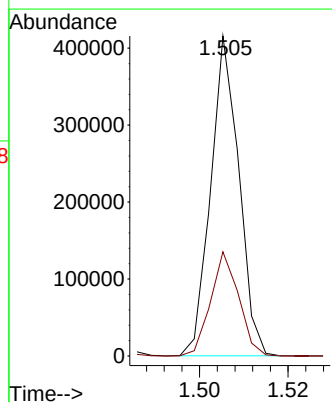
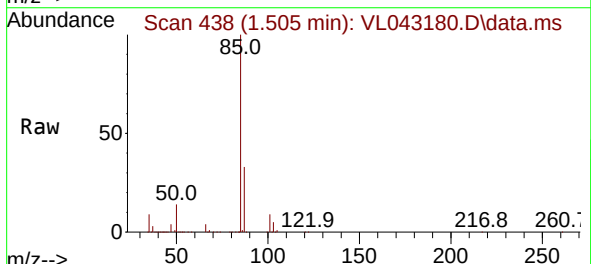
Manual Integrations
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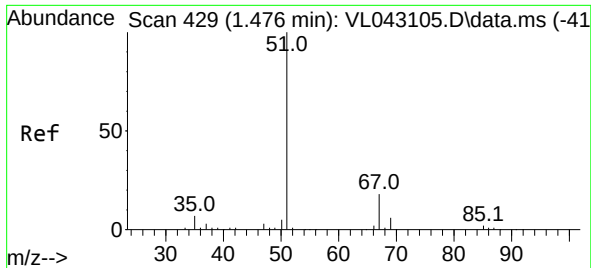
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#2
Dichlorodifluoromethane
Concen: 9.751 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 85 Resp: 183723
Ion Ratio Lower Upper
85 100
87 32.6 25.3 37.9





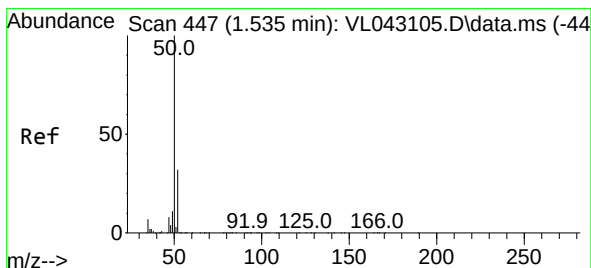
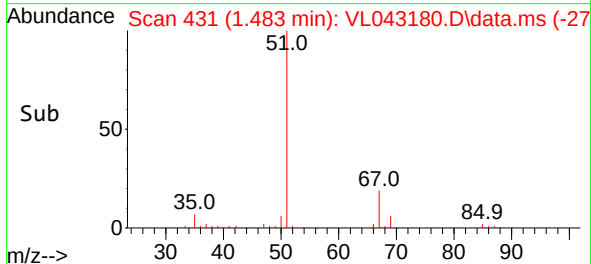
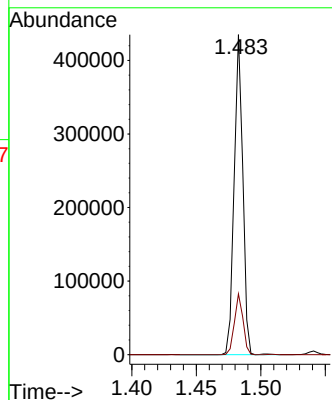
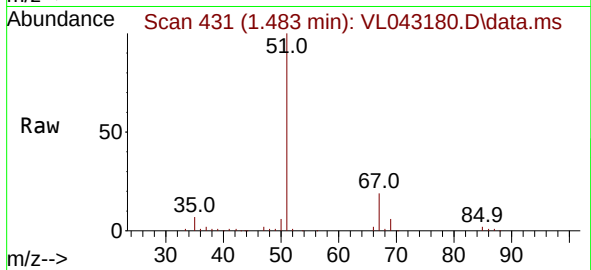
#3
Chlorodifluoromethane
Concen: 9.931 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 202454
Ion Ratio Lower Upper
51 100
67 19.0 15.1 22.7

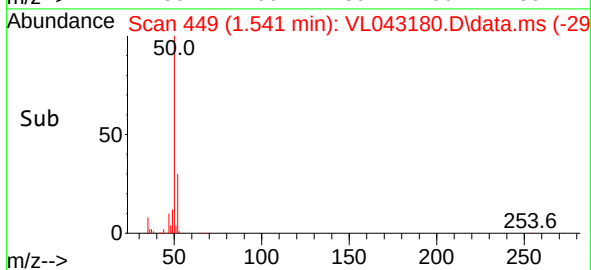
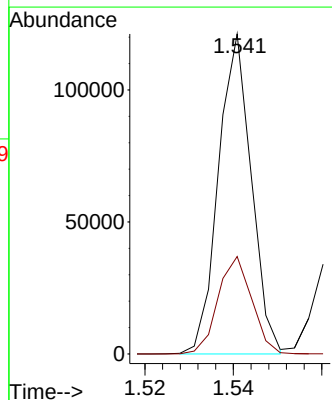
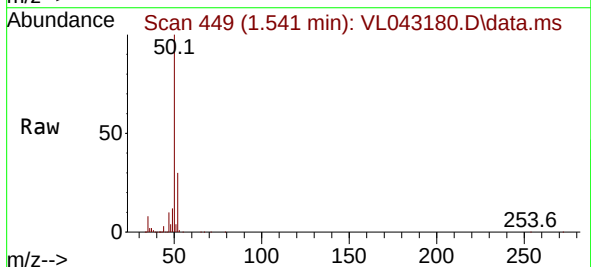
Manual Integrations
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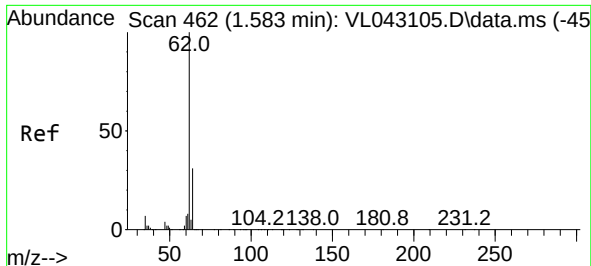
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#4
Chloromethane
Concen: 8.379 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

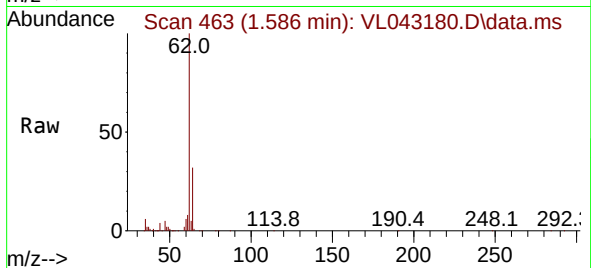
Tgt Ion: 50 Resp: 62541
Ion Ratio Lower Upper
50 100
52 30.4 25.2 37.8





#5
 Vinyl Chloride
 Concen: 8.386 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

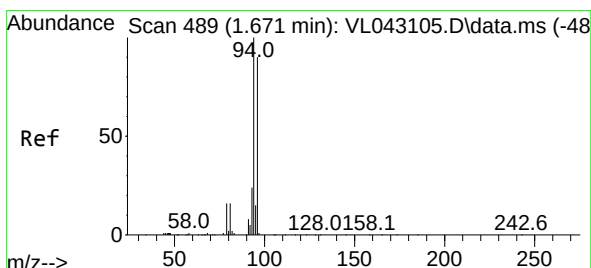
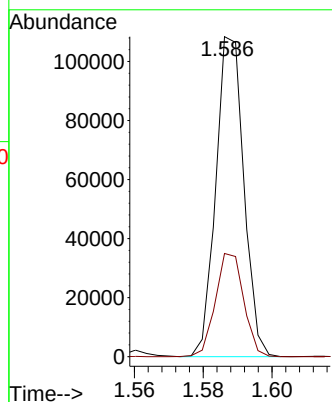
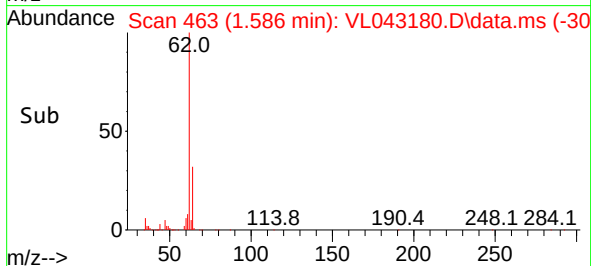
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



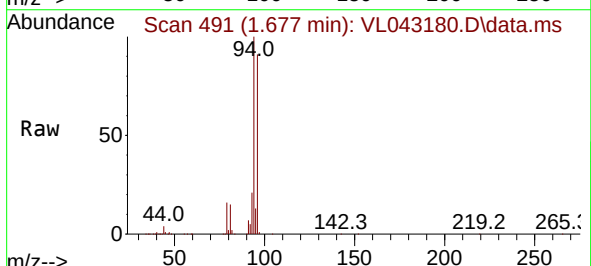
Tgt Ion: 62 Resp: 6139
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.6 36.8

Manual Integrations
 APPROVED

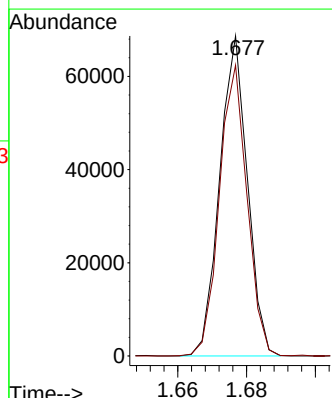
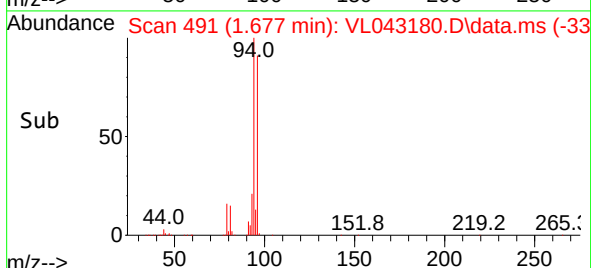
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

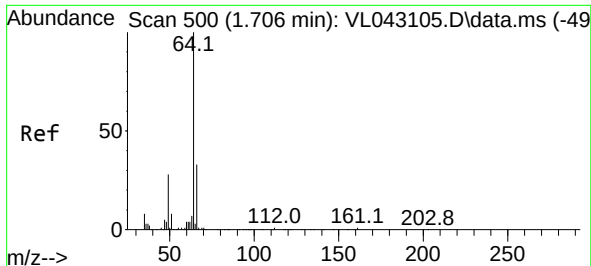


#6
 Bromomethane
 Concen: 9.584 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.006 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15



Tgt Ion: 94 Resp: 38477
 Ion Ratio Lower Upper
 94 100
 96 90.7 72.2 108.4





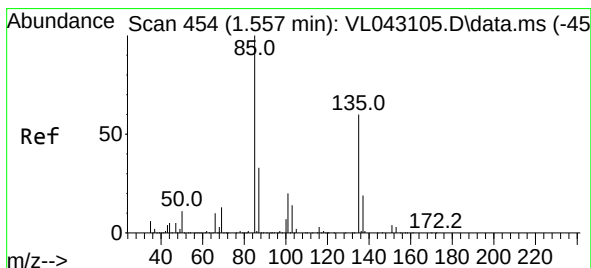
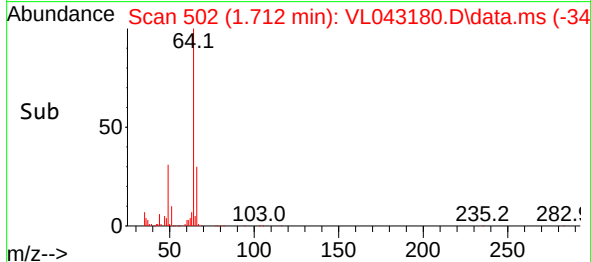
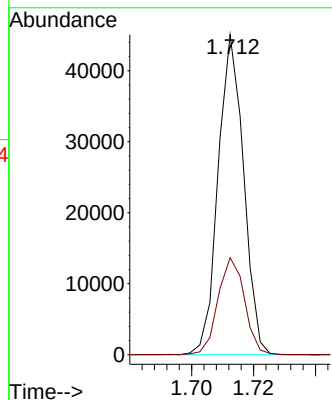
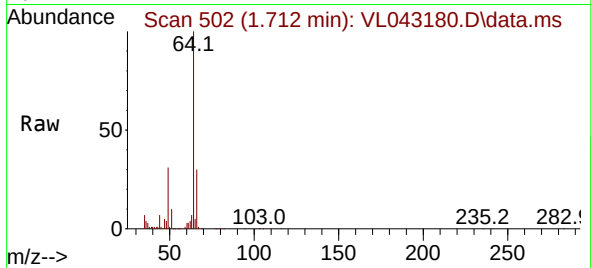
#7
Chloroethane
Concen: 8.605 ppbv
RT: 1.712 min Scan# 500
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 25750
Ion Ratio Lower Upper
64 100
66 30.3 26.0 39.0

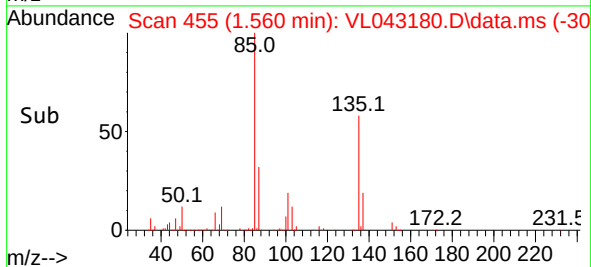
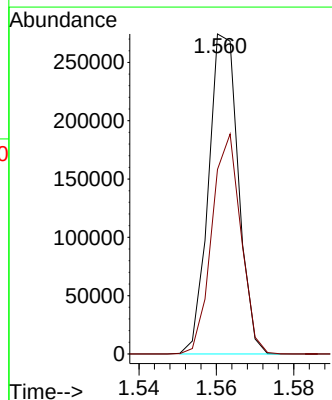
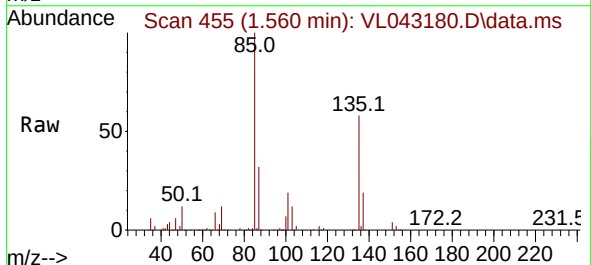
Manual Integrations
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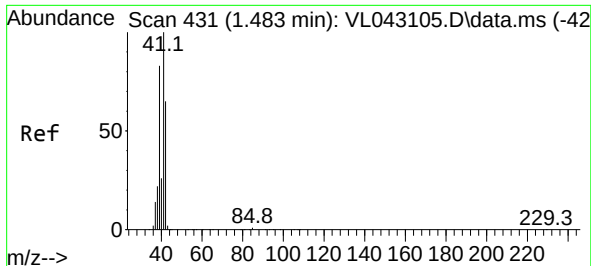
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#8
Dichlorotetrafluoroethane
Concen: 9.667 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 85 Resp: 147205
Ion Ratio Lower Upper
85 100
135 66.8 48.2 72.4





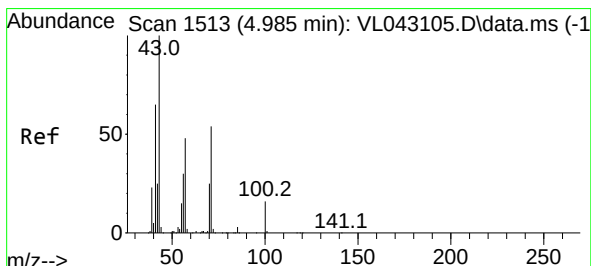
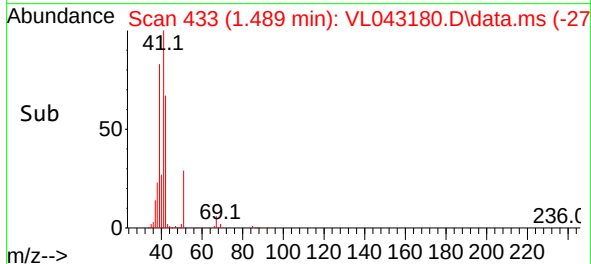
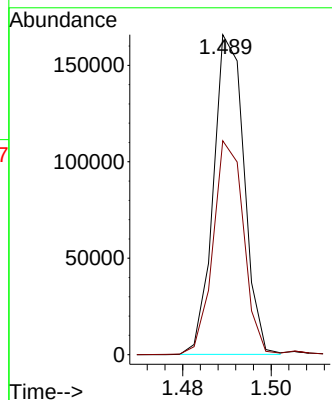
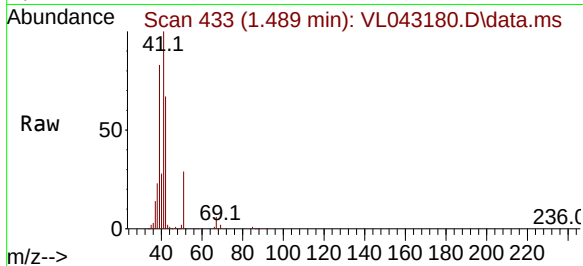
#9
 Propene
 Concen: 8.816 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 79700
 Ion Ratio Lower Upper
 41 100
 42 67.9 55.1 82.7

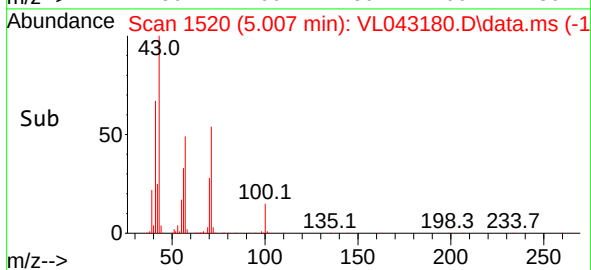
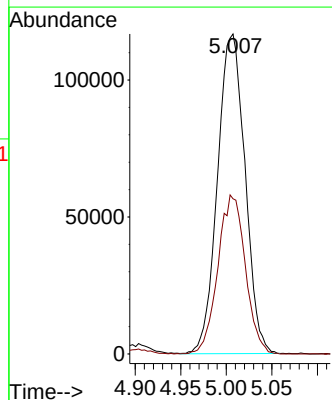
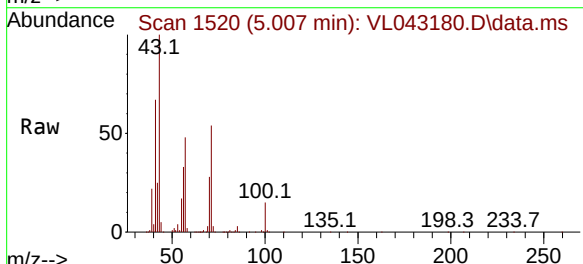
Manual Integrations
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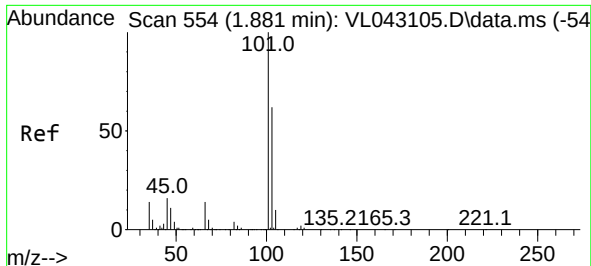
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#10
 Heptane
 Concen: 9.418 ppbv
 RT: 5.007 min Scan# 1520
 Delta R.T. 0.022 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 43 Resp: 245150
 Ion Ratio Lower Upper
 43 100
 57 49.7 40.8 61.2





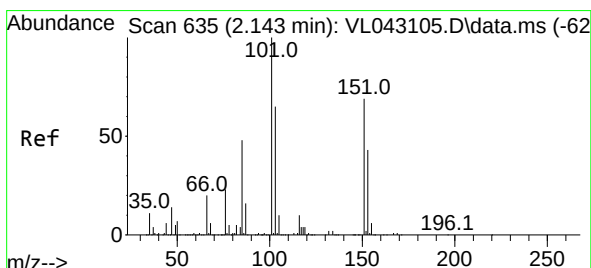
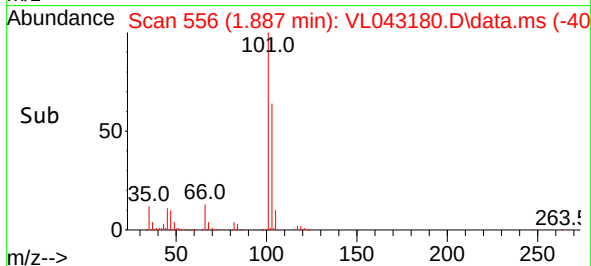
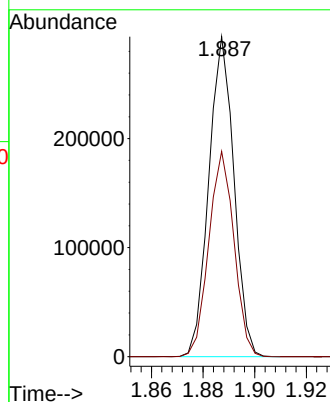
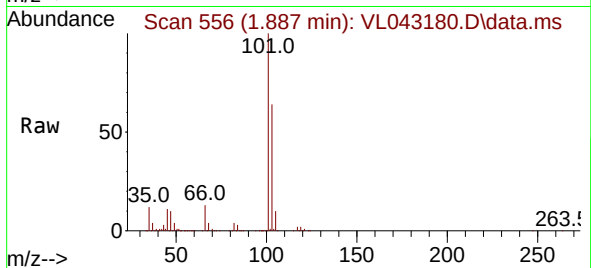
#11
 Trichlorofluoromethane
 Concen: 10.751 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 19814
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.3 73.9

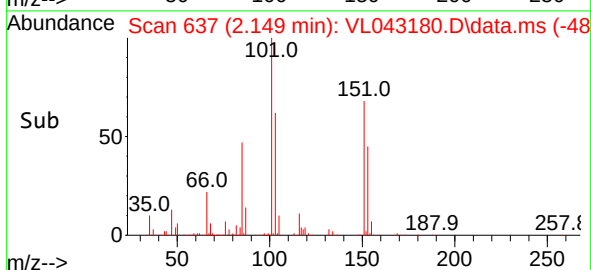
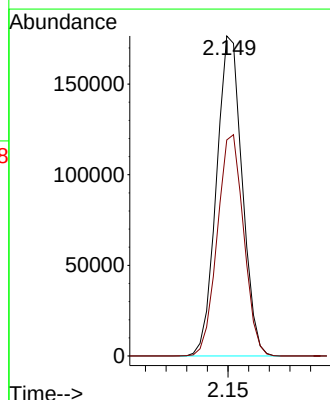
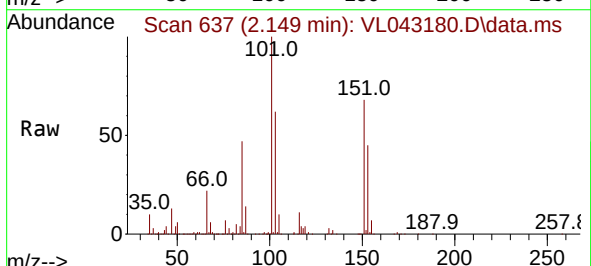
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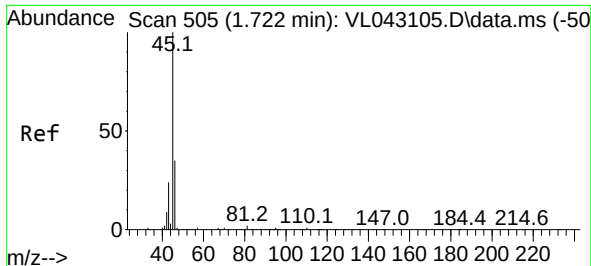
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.289 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.006 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion:101 Resp: 152666
 Ion Ratio Lower Upper
 101 100
 151 70.9 54.7 82.1





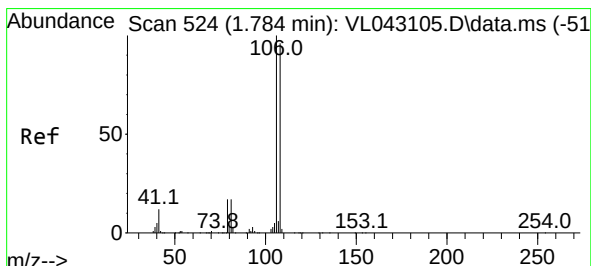
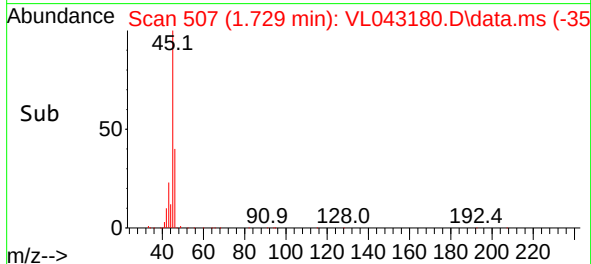
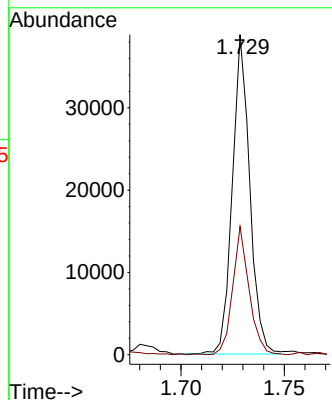
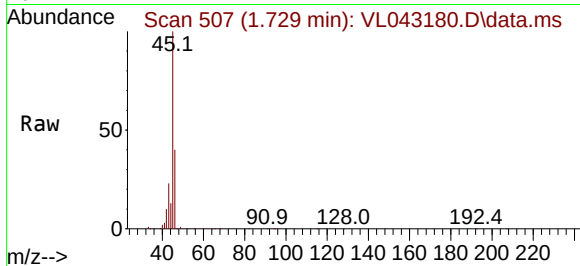
#13
Ethanol
Concen: 6.803 ppbv
RT: 1.729 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 22752
Ion Ratio Lower Upper
45 100
46 38.4 14.7 58.9

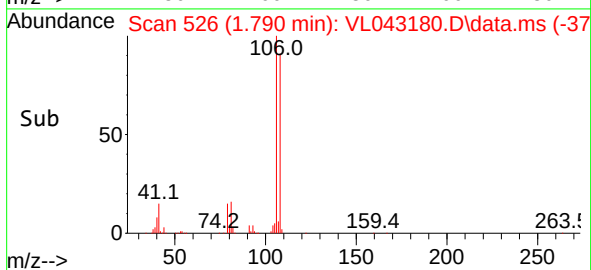
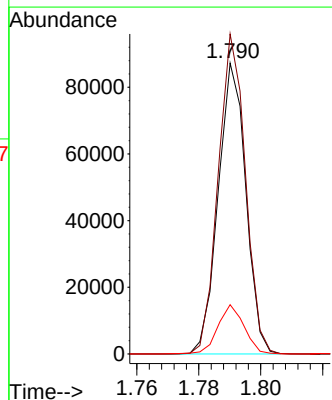
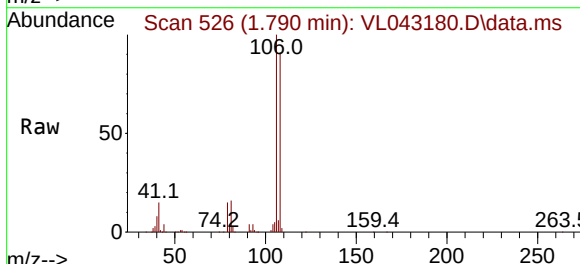
Manual Integrations
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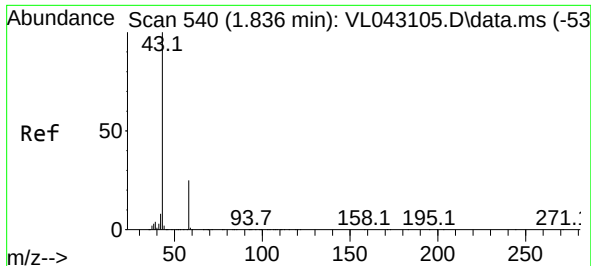
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#14
Bromoethene
Concen: 9.820 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

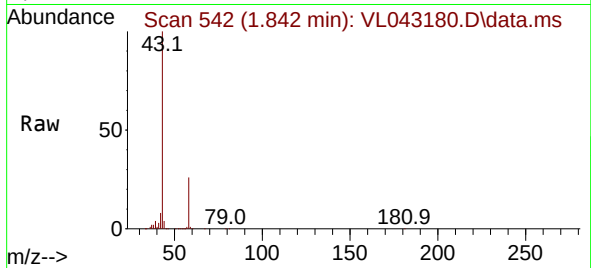
Tgt Ion:108 Resp: 54128
Ion Ratio Lower Upper
108 100
106 108.0 84.4 126.6
79 16.3 15.3 22.9





#15
Acetone
Concen: 8.537 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

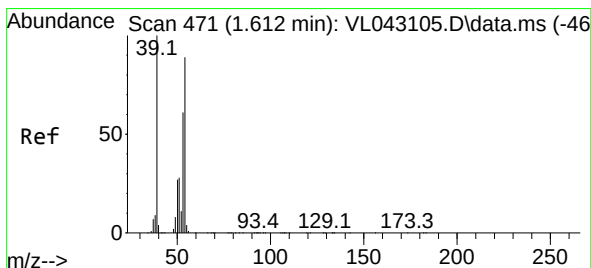
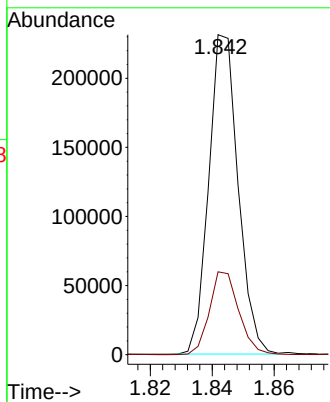
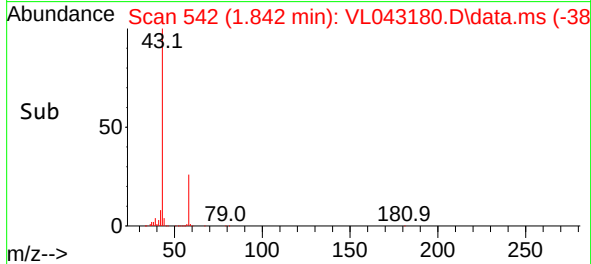
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 152492
Ion Ratio Lower Upper
43 100
58 26.2 20.8 31.2

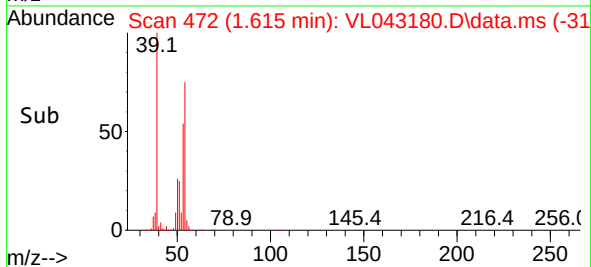
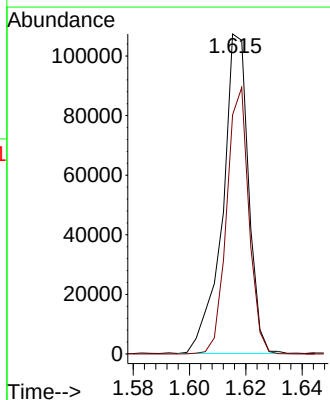
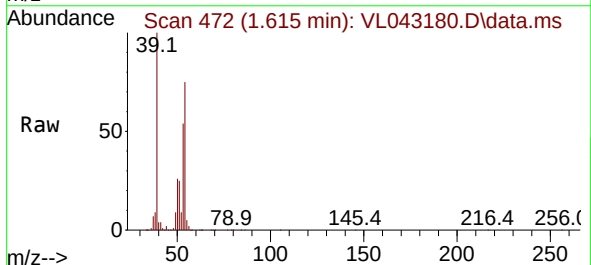
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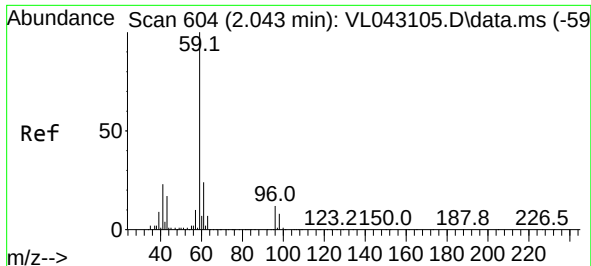
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#16
1,3-Butadiene
Concen: 8.072 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 39 Resp: 68719
Ion Ratio Lower Upper
39 100
54 71.1 59.0 88.4





#17

tert-Butyl alcohol

Concen: 8.602 ppbv

RT: 2.049 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 21093

Ion Ratio Lower Upper

59 100

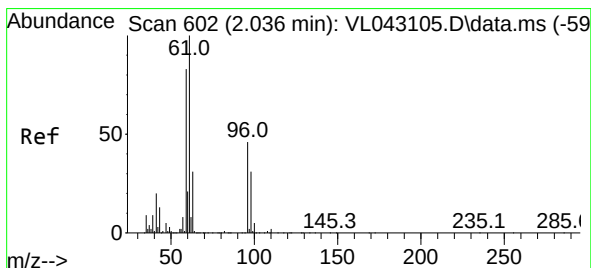
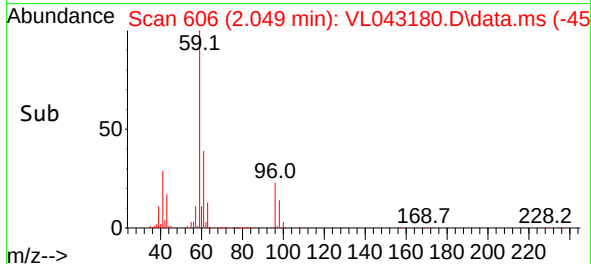
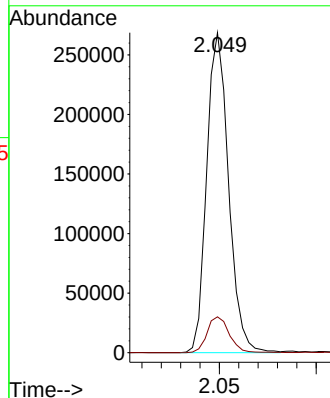
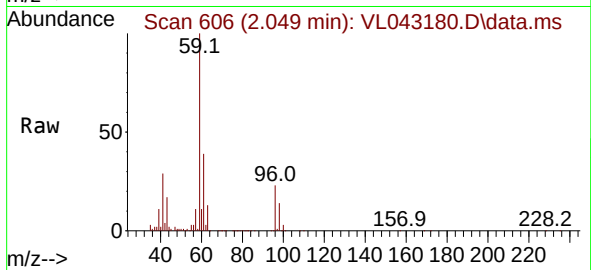
57 11.7 8.2 12.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#18

1,1-Dichloroethene

Concen: 10.117 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.010 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

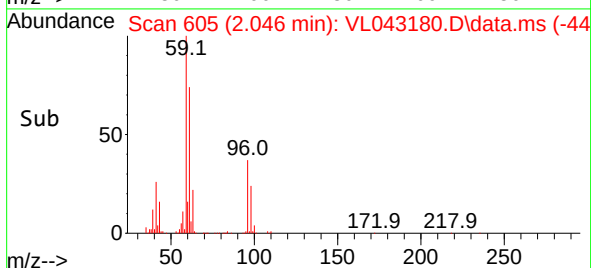
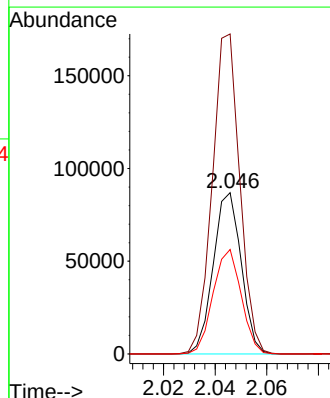
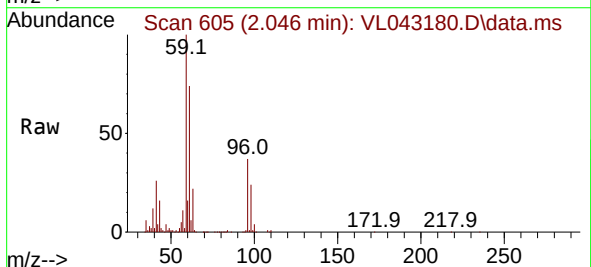
Tgt Ion: 96 Resp: 65440

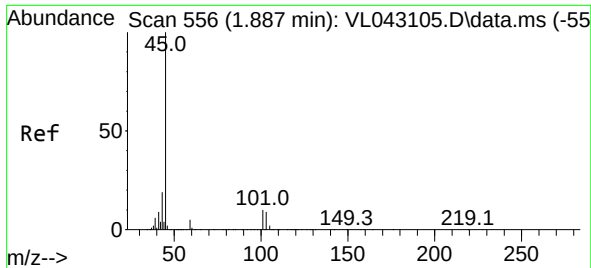
Ion Ratio Lower Upper

96 100

61 198.5 173.4 260.0

98 64.8 53.2 79.8





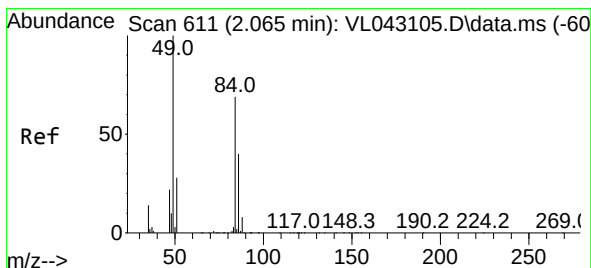
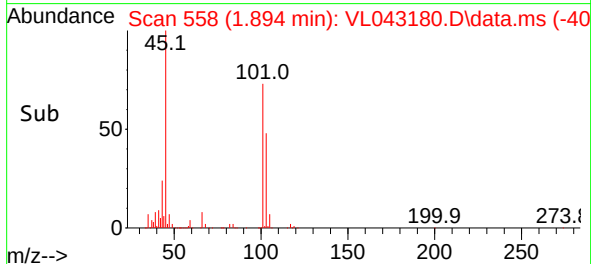
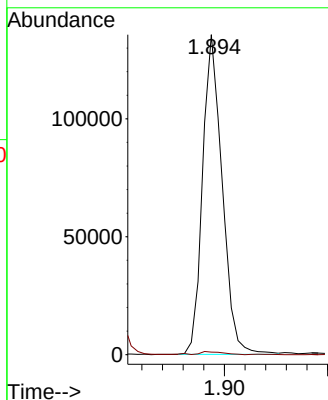
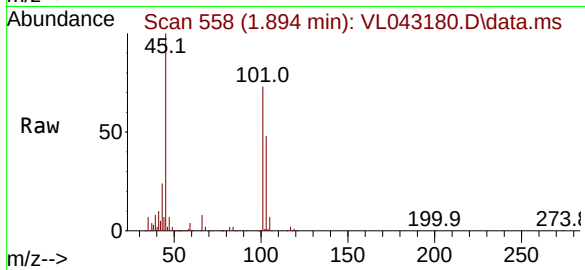
#19
Isopropyl Alcohol
Concen: 8.052 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 8958
Ion Ratio Lower Upper
45 100
58 44.5 31.3 46.9

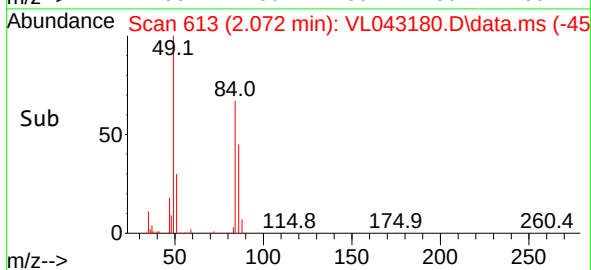
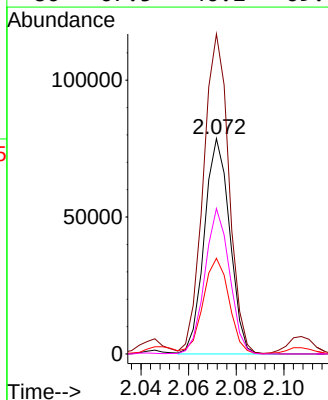
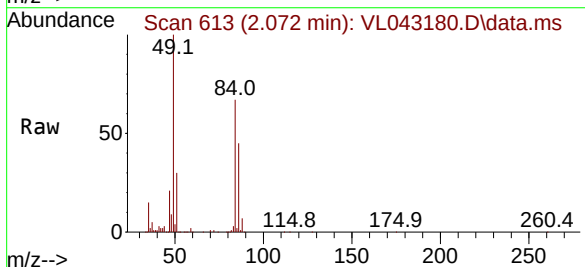
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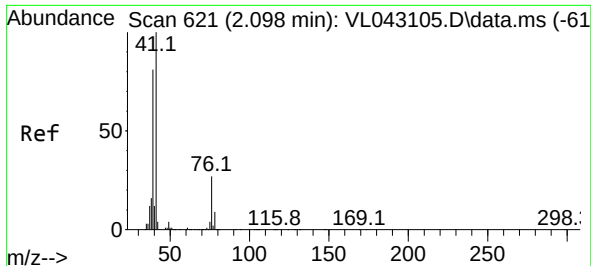
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#20
Methylene Chloride
Concen: 8.271 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 84 Resp: 58402
Ion Ratio Lower Upper
84 100
49 147.3 116.6 175.0
51 43.9 34.8 52.2
86 67.5 46.2 69.4





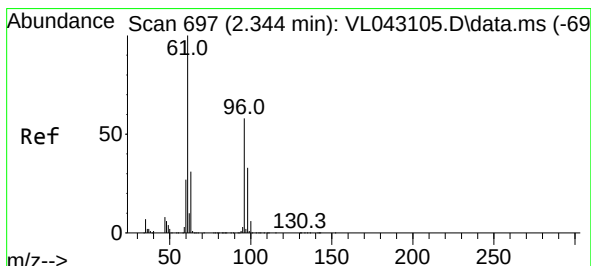
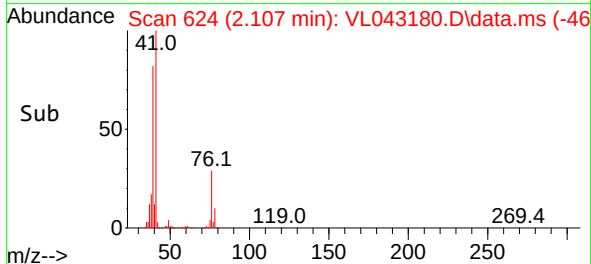
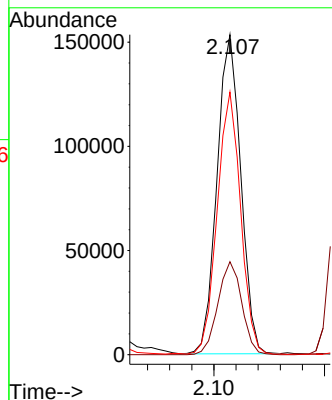
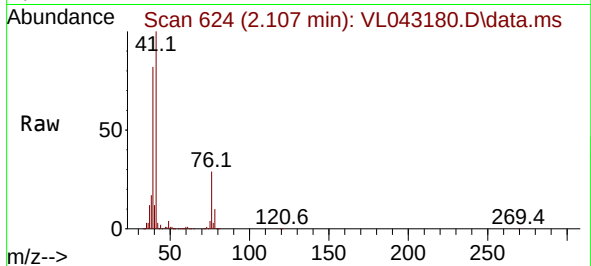
#21
 Allyl Chloride
 Concen: 8.700 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 11452
 Ion Ratio Lower Upper
 41 100
 76 29.2 21.5 32.3
 39 80.8 60.8 91.2

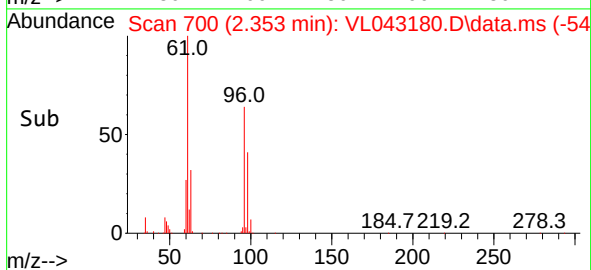
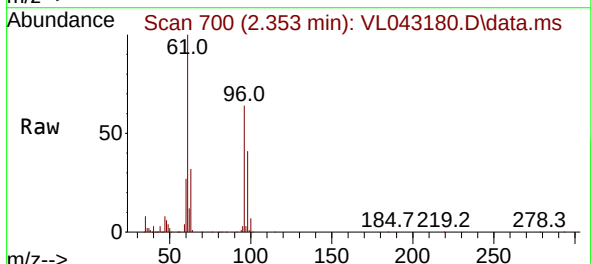
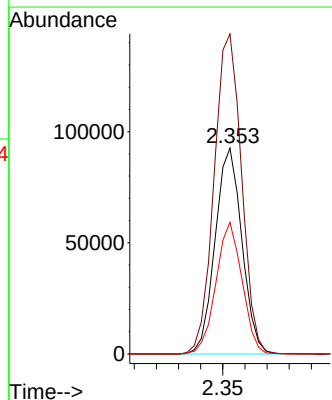
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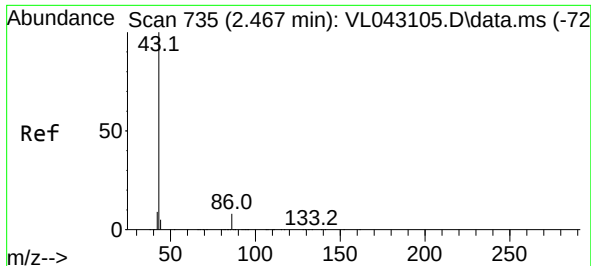
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.071 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 96 Resp: 77870
 Ion Ratio Lower Upper
 96 100
 61 155.5 137.0 205.6
 98 64.0 45.5 68.3





#23
 Vinyl Acetate
 Concen: 11.827 ppbv
 RT: 2.473 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

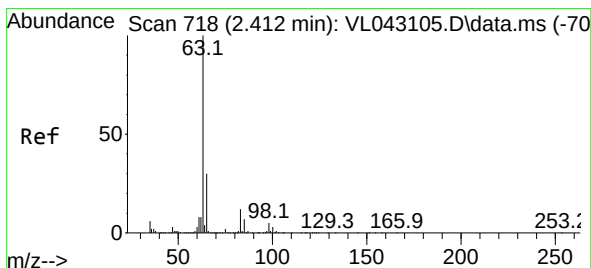
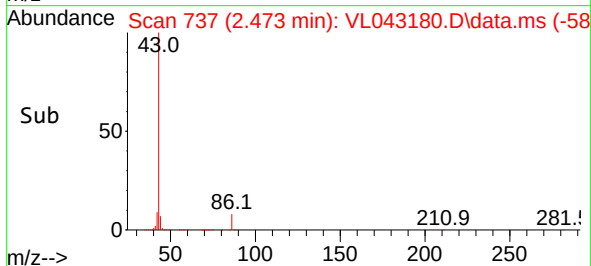
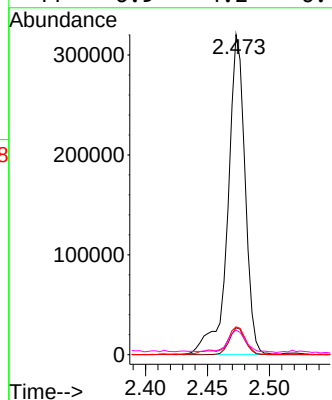
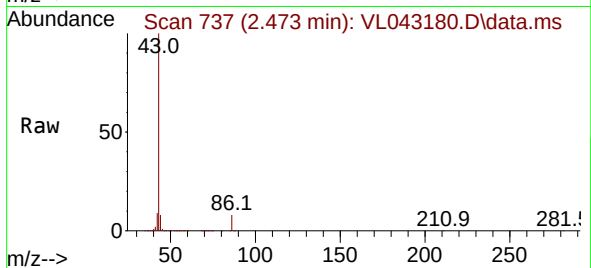
VSTDCCC010

Tgt Ion: 43 Resp: 30947
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.2 9.2
 42 8.6 7.6 11.4
 44 6.9 4.2 6.4#

Manual Integrations

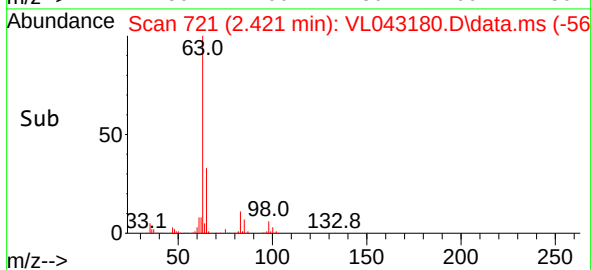
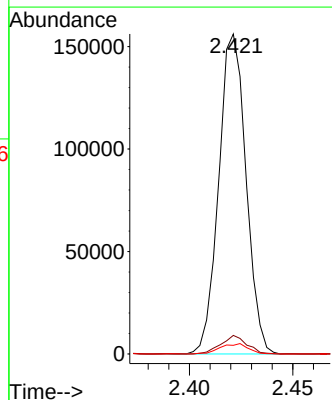
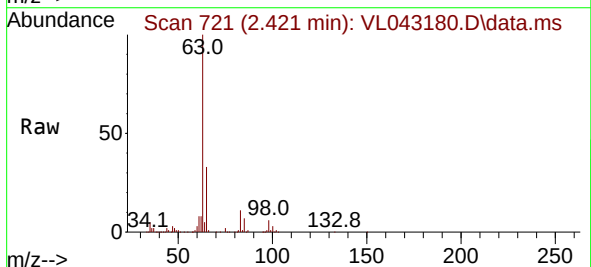
APPROVED

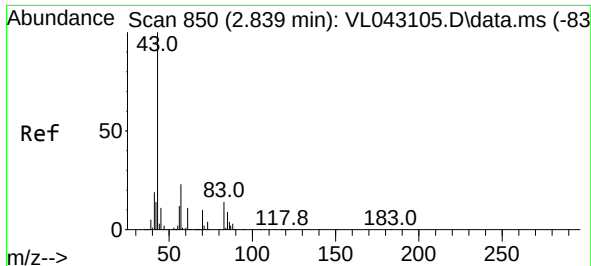
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#24
 1,1-Dichloroethane
 Concen: 9.604 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 63 Resp: 143474
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.6 7.8
 100 2.7 1.5 4.4





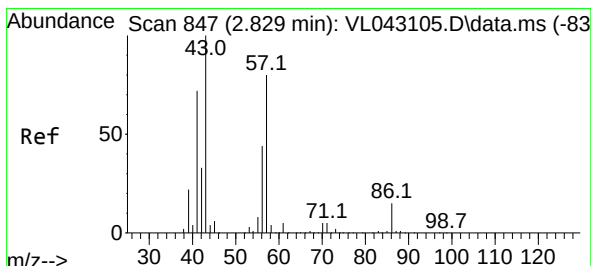
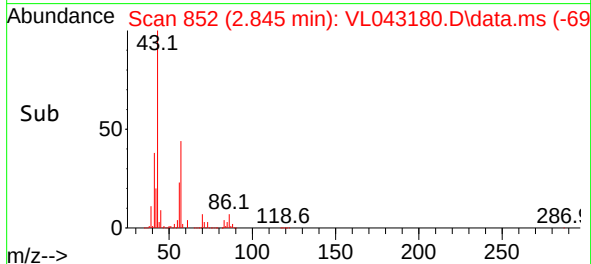
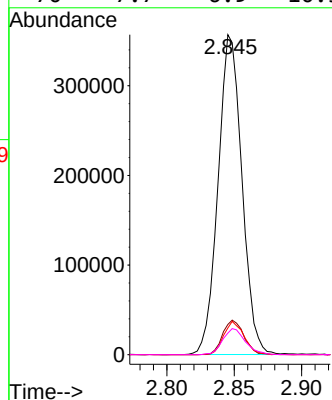
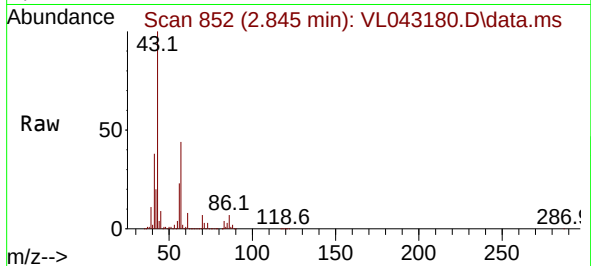
#25
Ethyl Acetate
Concen: 9.935 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 44008
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.8
61 8.9 7.0 10.6
70 7.7 6.9 10.3

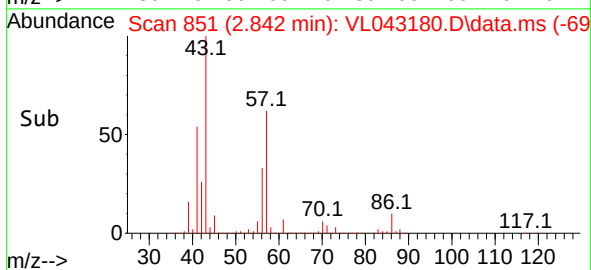
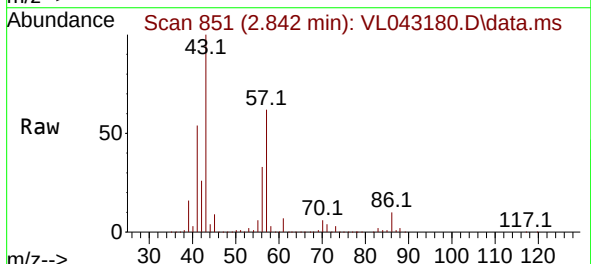
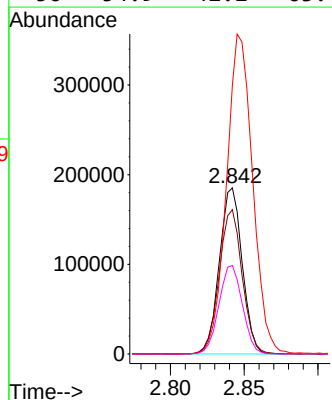
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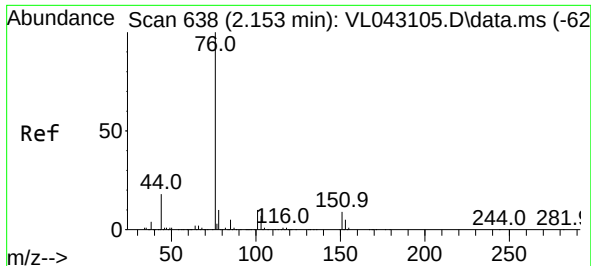
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#26
Hexane
Concen: 9.752 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

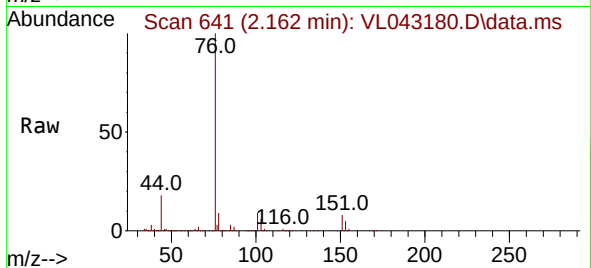
Tgt Ion: 57 Resp: 199063
Ion Ratio Lower Upper
57 100
41 89.1 71.4 107.0
43 222.4 178.5 267.7
56 54.9 42.2 63.4





#27
Carbon Disulfide
Concen: 9.988 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

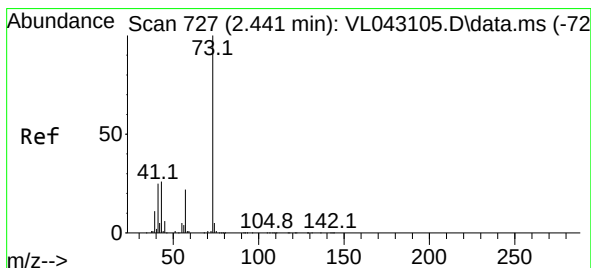
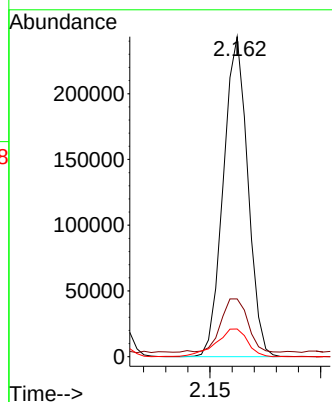
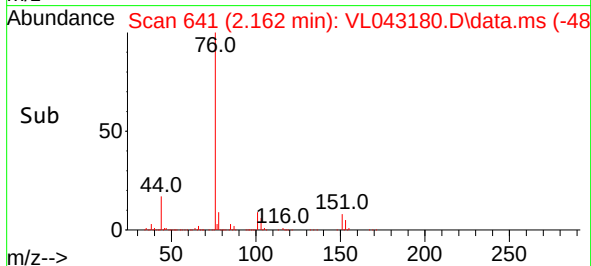
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 186799
Ion Ratio Lower Upper
76 100
44 20.4 16.7 25.1
78 11.2 9.3 13.9

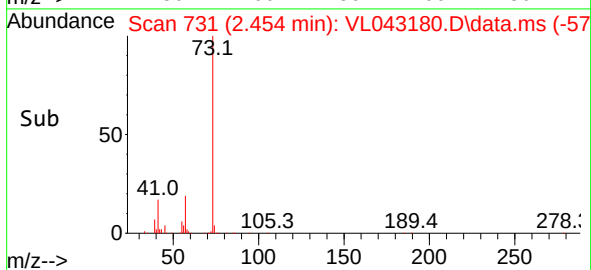
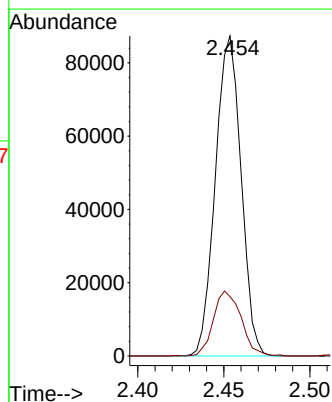
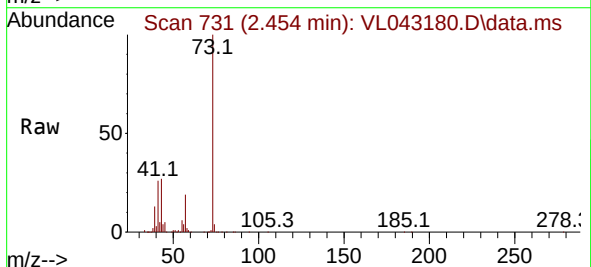
Manual Integrations
APPROVED

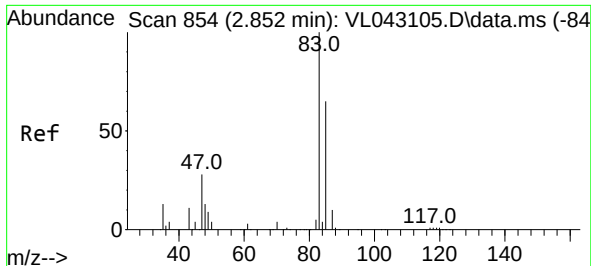
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#28
Methyl tert-Butyl Ether
Concen: 9.782 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 73 Resp: 90840
Ion Ratio Lower Upper
73 100
57 21.9 20.5 30.7





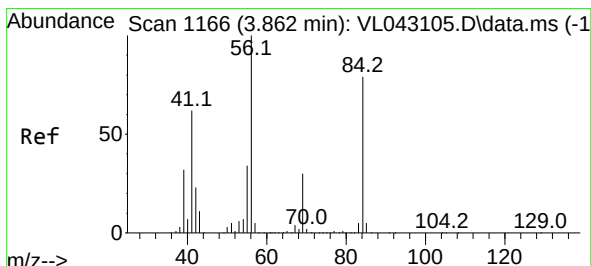
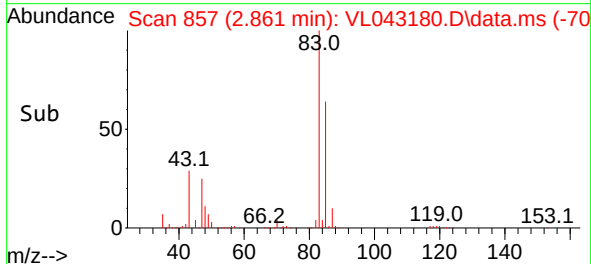
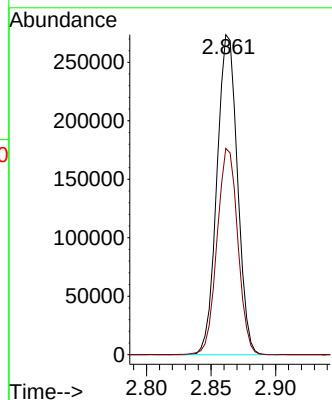
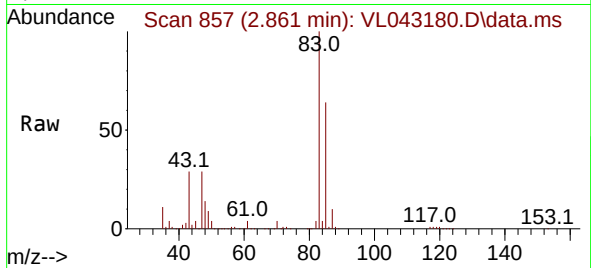
#29
Chloroform
Concen: 10.201 ppbv
RT: 2.861 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 301692
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6

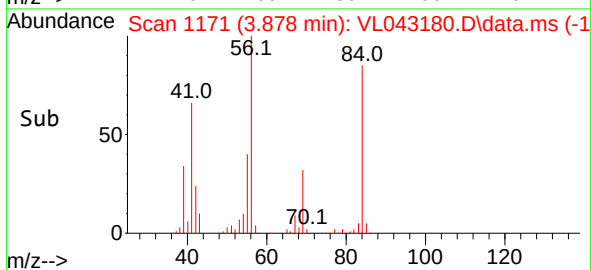
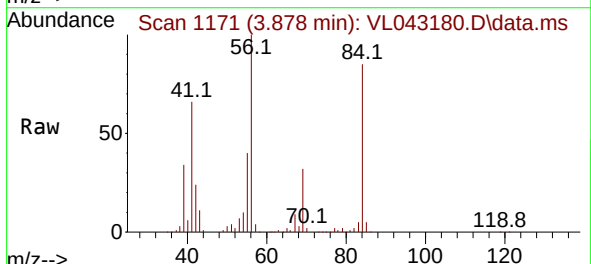
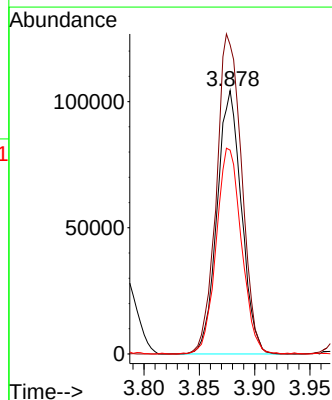
Manual Integrations
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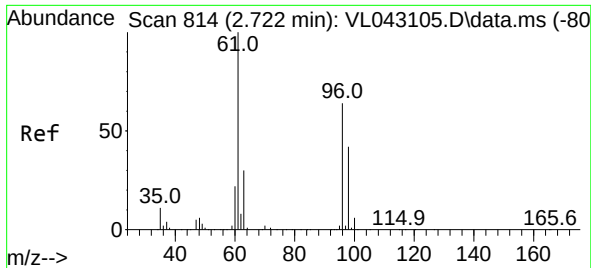
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#30
Cyclohexane
Concen: 8.993 ppbv
RT: 3.878 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 84 Resp: 160214
Ion Ratio Lower Upper
84 100
56 125.3 100.9 151.3
41 81.0 63.8 95.6





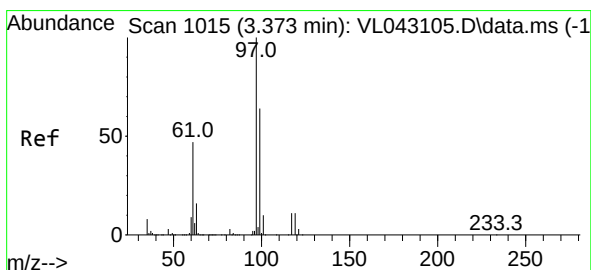
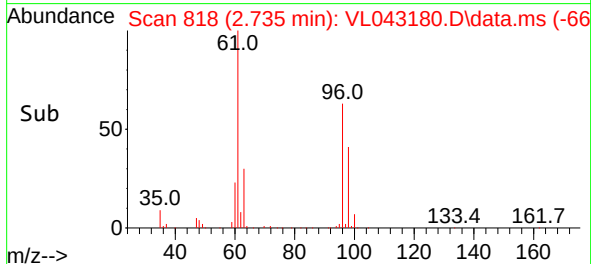
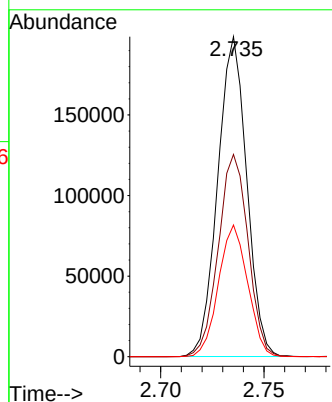
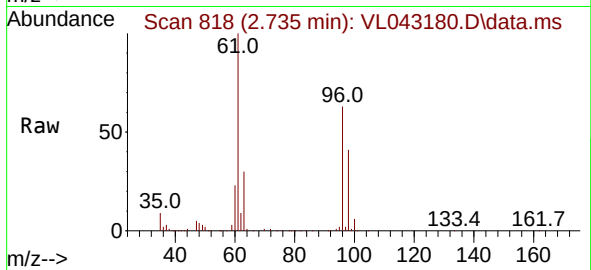
#31
 cis-1,2-Dichloroethene
 Concen: 9.965 ppbv
 RT: 2.735 min Scan# 814
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 19423
 Ion Ratio Lower Upper
 61 100
 96 63.2 51.0 76.6
 98 41.1 33.5 50.3

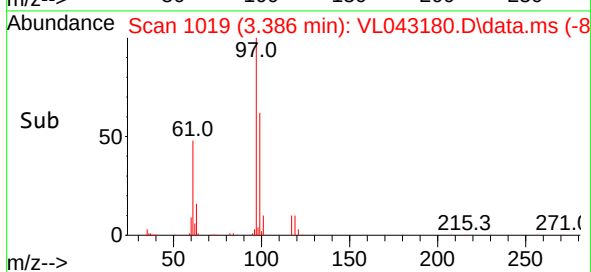
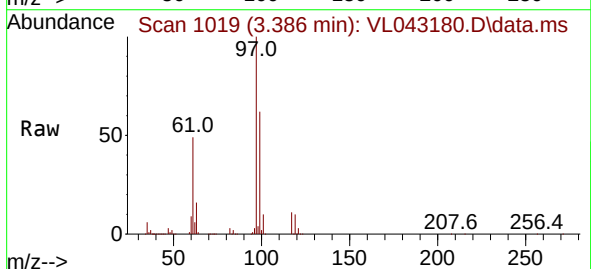
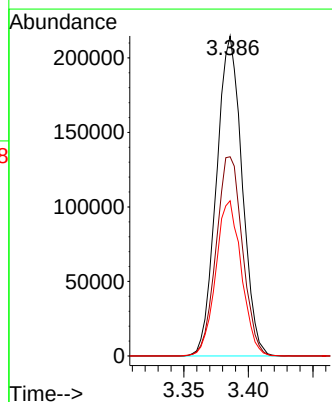
Manual Integrations
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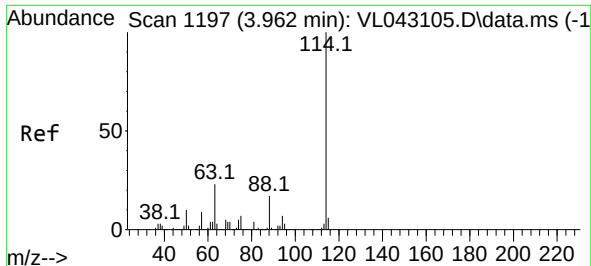
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#32
 1,1,1-Trichloroethane
 Concen: 9.618 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

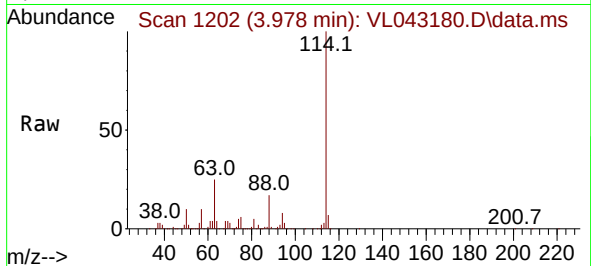
Tgt Ion: 97 Resp: 296240
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.3 76.9
 61 48.6 38.4 57.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1197
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

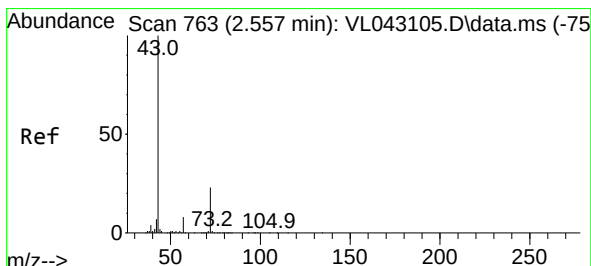
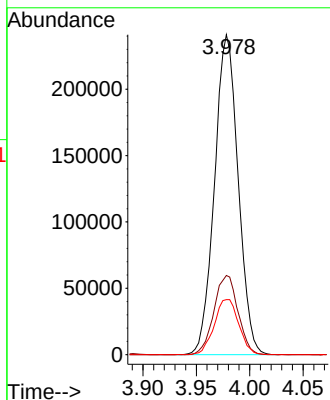
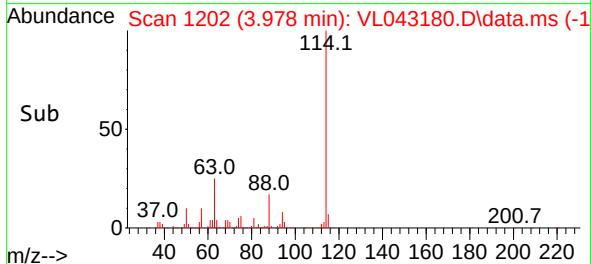
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 370924
Ion Ratio Lower Upper
114 100
63 25.2 19.3 28.9
88 17.9 13.9 20.9

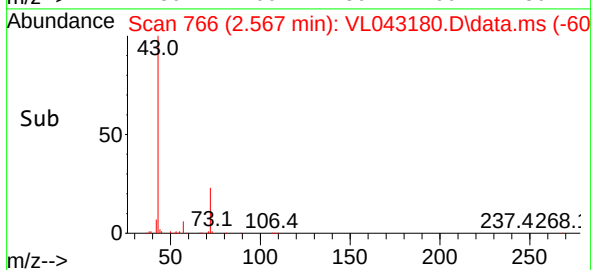
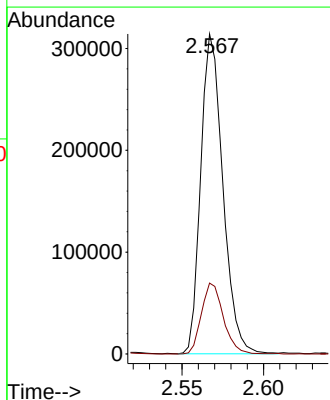
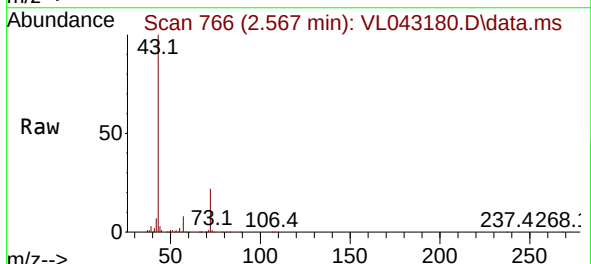
Manual Integrations
APPROVED

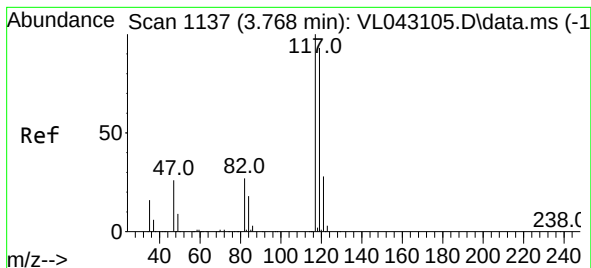
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#34
2-Butanone
Concen: 11.894 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 43 Resp: 296563
Ion Ratio Lower Upper
43 100
72 22.0 18.4 27.6





#35

Carbon Tetrachloride

Concen: 11.297 ppbv

RT: 3.781 min Scan# 1141

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 30127

Ion Ratio Lower Upper

117 100

119 96.5 74.1 111.1

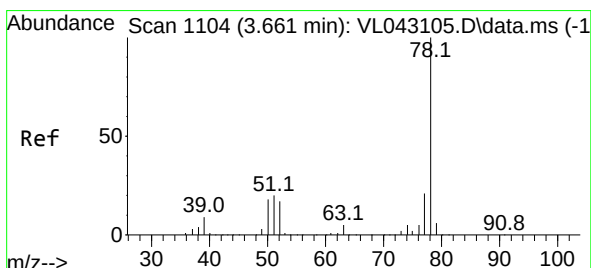
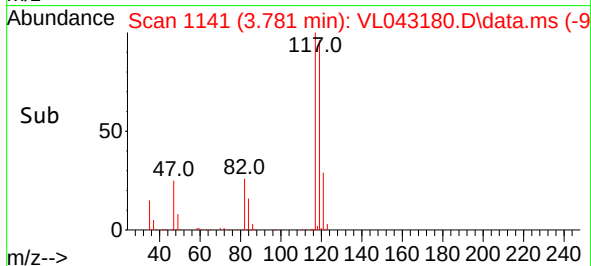
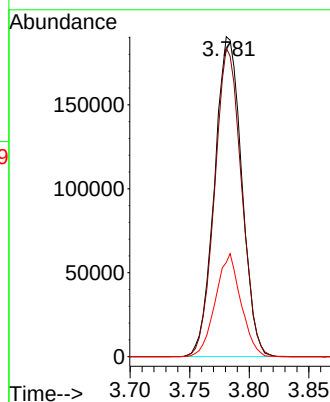
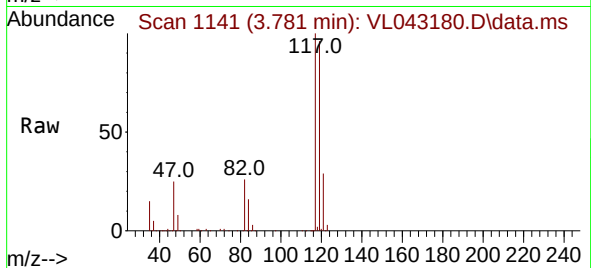
121 29.5 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#36

Benzene

Concen: 10.966 ppbv

RT: 3.677 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

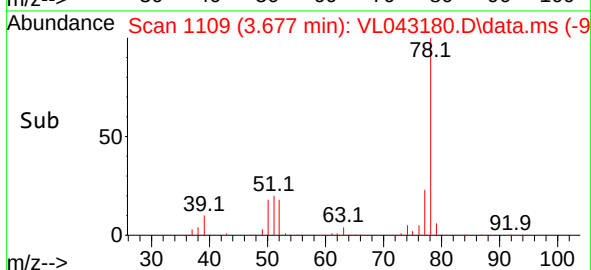
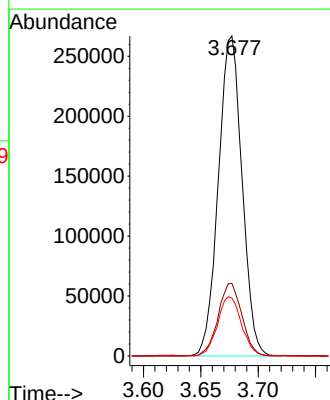
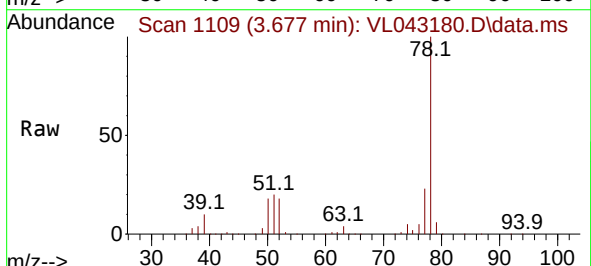
Tgt Ion: 78 Resp: 383103

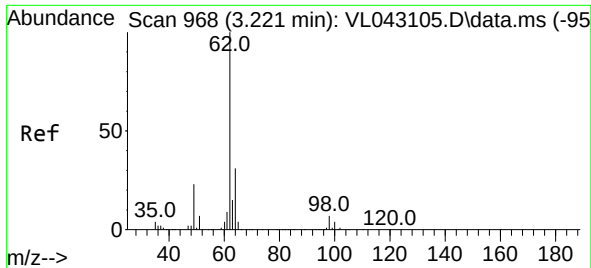
Ion Ratio Lower Upper

78 100

77 22.7 17.0 25.6

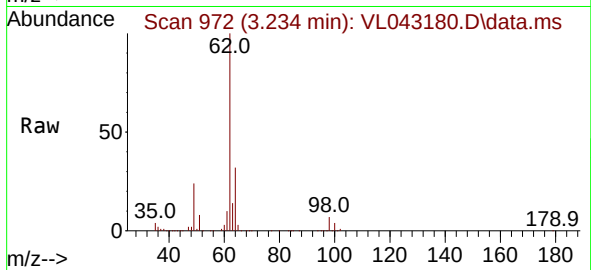
50 18.1 14.6 22.0





#37
1,2-Dichloroethane
Concen: 11.550 ppbv
RT: 3.234 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

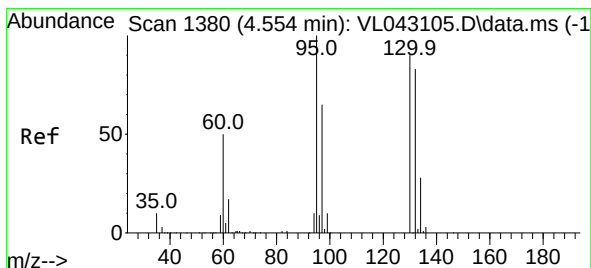
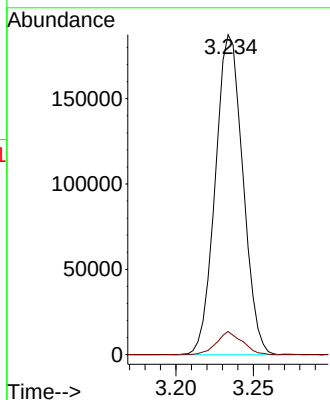
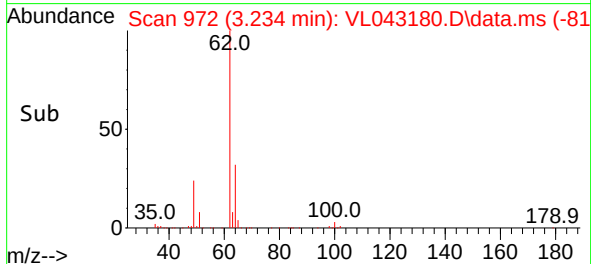
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



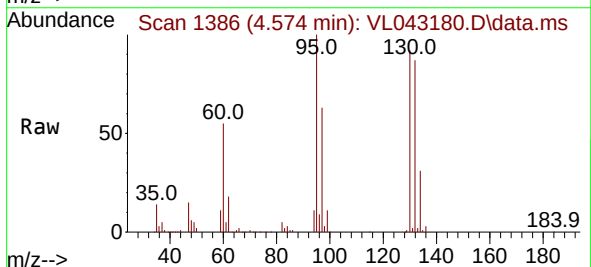
Tgt Ion: 62 Resp: 23244
Ion Ratio Lower Upper
62 100
98 6.8 5.8 8.6

Manual Integrations
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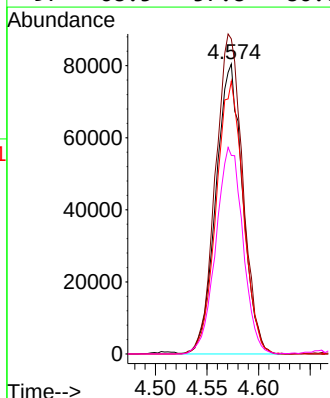
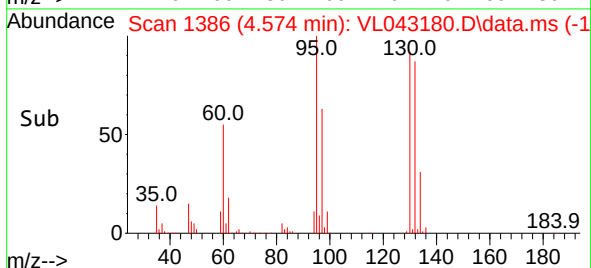
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

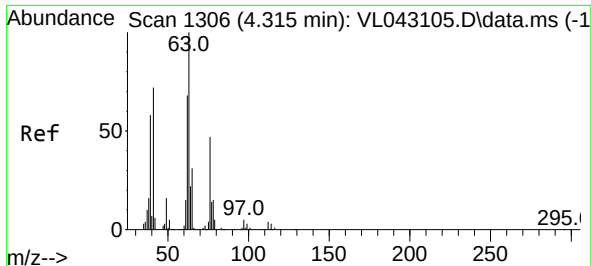


#38
Trichloroethene
Concen: 9.926 ppbv
RT: 4.574 min Scan# 1386
Delta R.T. 0.019 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15



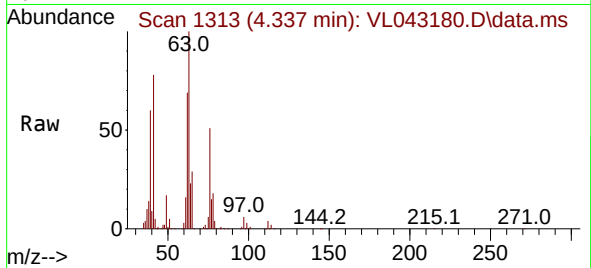
Tgt Ion:130 Resp: 144831
Ion Ratio Lower Upper
130 100
95 108.6 88.6 133.0
132 93.9 73.4 110.0
97 68.5 57.8 86.6





#39
1,2-Dichloropropane
Concen: 11.001 ppbv
RT: 4.337 min Scan# 1313
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

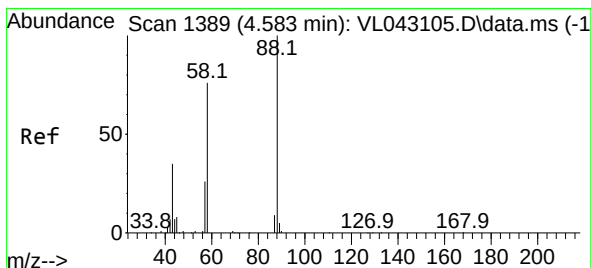
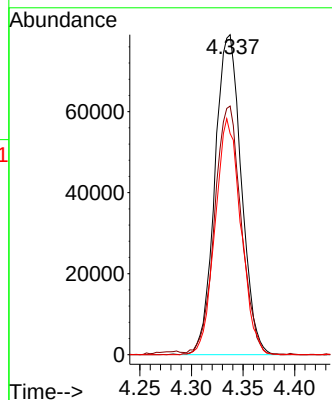
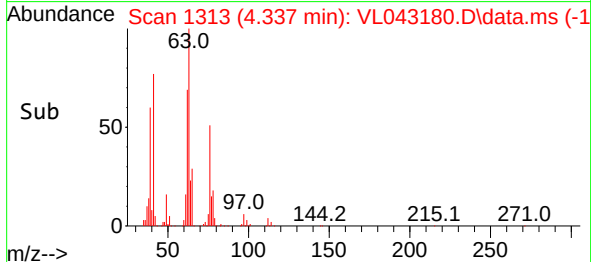
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



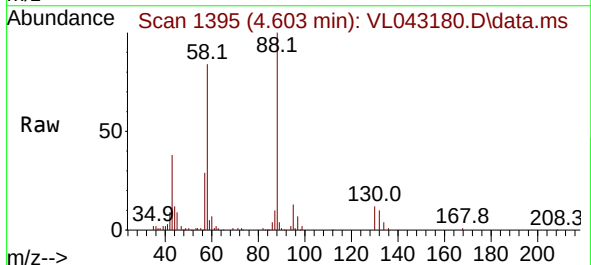
Tgt Ion: 63 Resp: 140510
Ion Ratio Lower Upper
63 100
41 77.5 58.0 87.0
62 69.1 54.7 82.1

Manual Integrations
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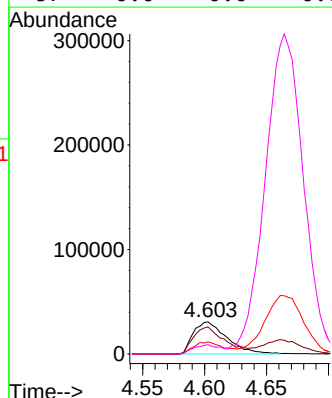
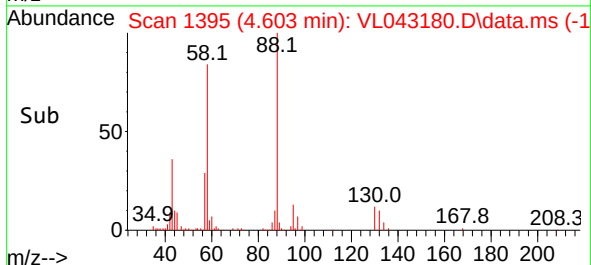
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

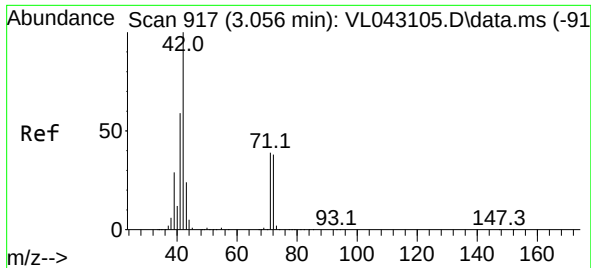


#40
1,4-Dioxane
Concen: 10.101 ppbv
RT: 4.603 min Scan# 1395
Delta R.T. 0.019 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15



Tgt Ion: 88 Resp: 57730
Ion Ratio Lower Upper
88 100
58 78.4 61.1 91.7
43 34.5 24.0 36.0
57 0.0 0.0 0.0





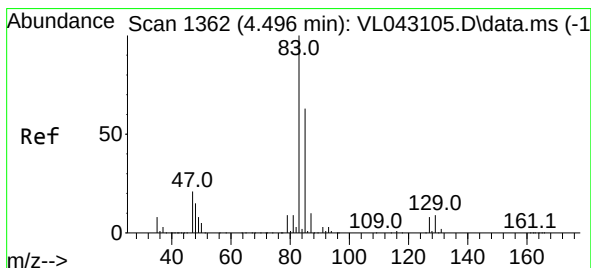
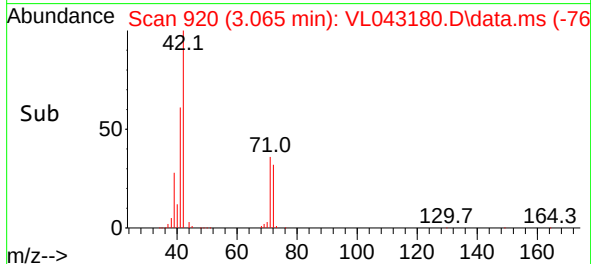
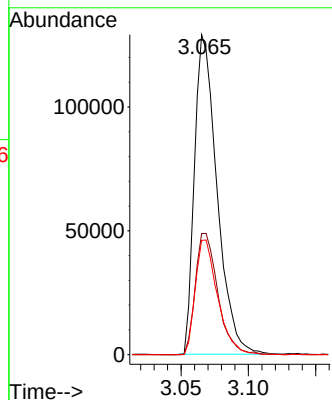
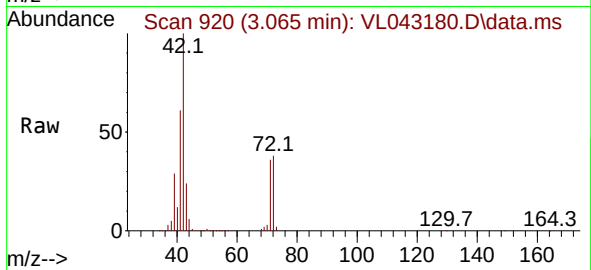
#41
Tetrahydrofuran
Concen: 10.778 ppbv
RT: 3.065 min Scan# 917
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 150298
Ion Ratio Lower Upper
42 100
72 38.0 31.3 46.9
71 35.7 30.4 45.6

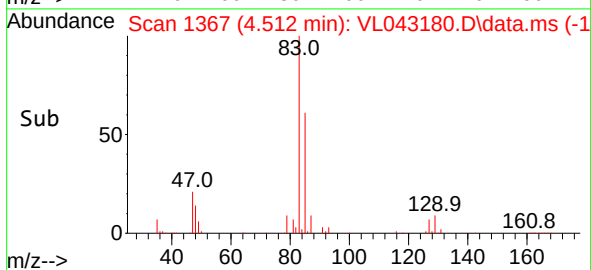
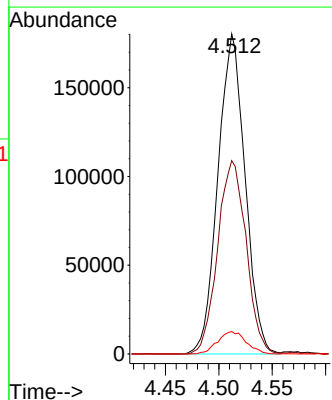
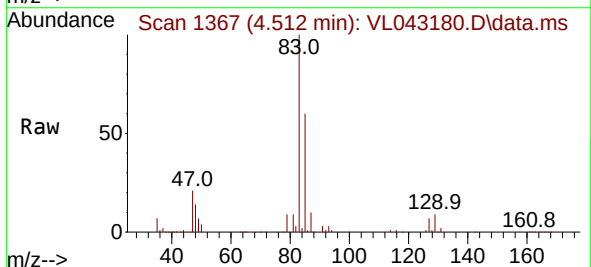
Manual Integrations
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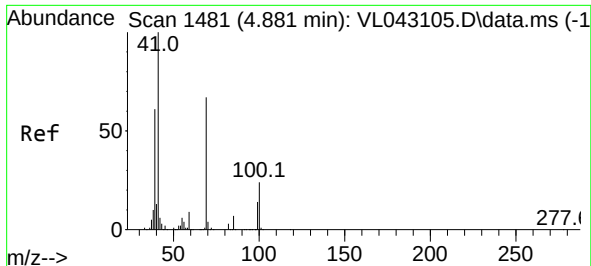
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#42
Bromodichloromethane
Concen: 11.440 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 83 Resp: 318665
Ion Ratio Lower Upper
83 100
85 60.4 50.6 75.8
127 7.0 6.3 9.5





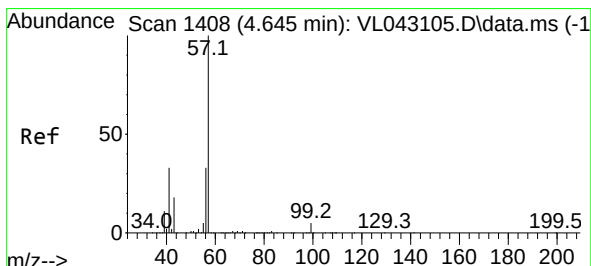
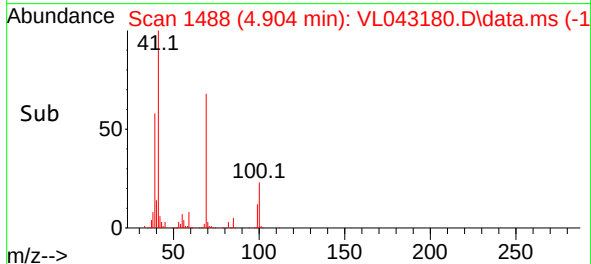
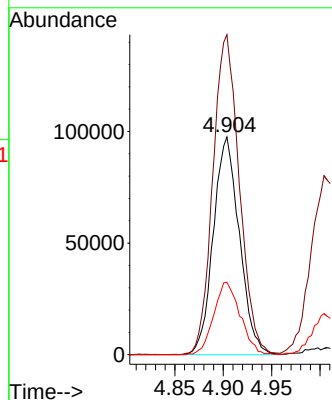
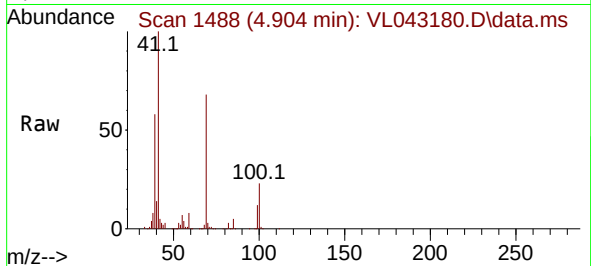
#43
Methyl Methacrylate
Concen: 10.292 ppbv
RT: 4.904 min Scan# 1414
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 18262
Ion Ratio Lower Upper
69 100
41 148.7 120.5 180.7
100 33.8 29.0 43.4

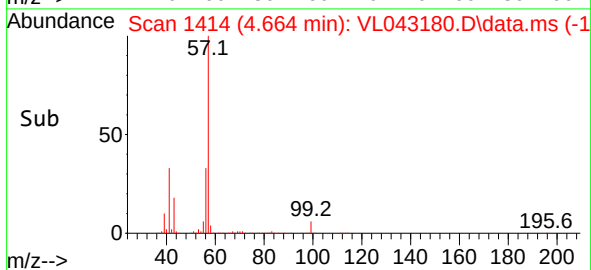
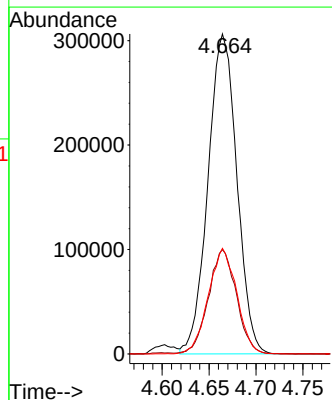
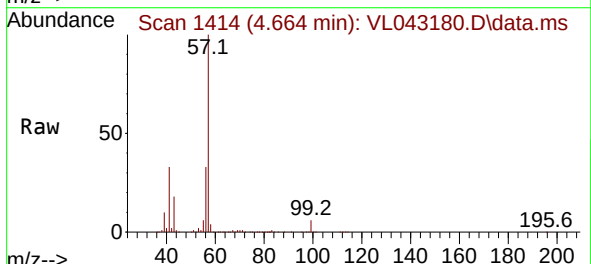
Manual Integrations
APPROVED

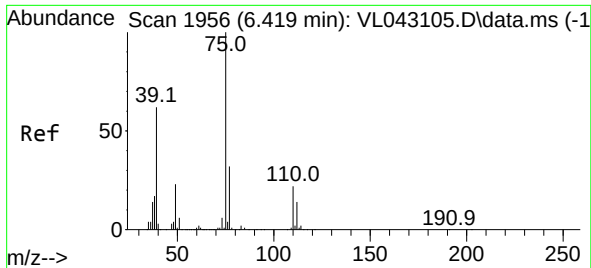
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#44
2,2,4-Trimethylpentane
Concen: 11.116 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. 0.019 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

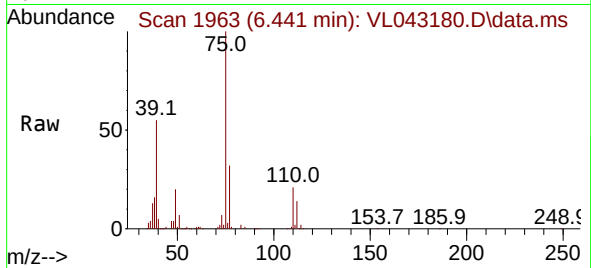
Tgt Ion: 57 Resp: 655191
Ion Ratio Lower Upper
57 100
41 32.1 26.3 39.5
56 32.5 25.9 38.9





#45
t-1,3-Dichloropropene
Concen: 10.088 ppbv
RT: 6.441 min Scan# 1956
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

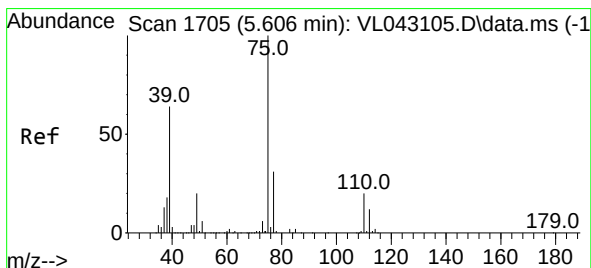
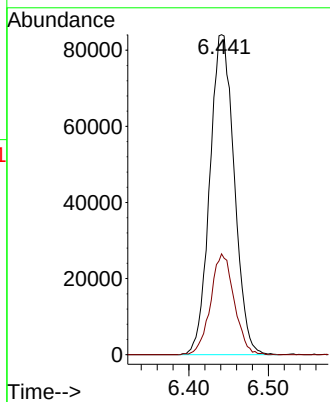
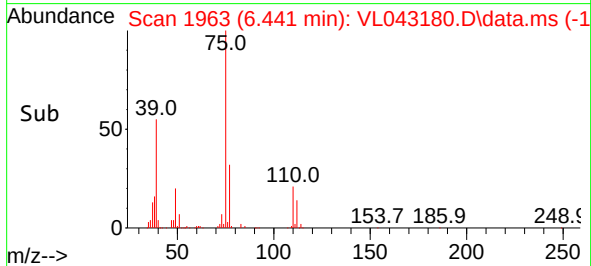
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



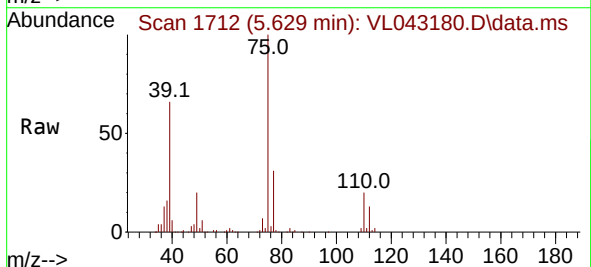
Tgt Ion: 75 Resp: 179639
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

Manual Integrations
APPROVED

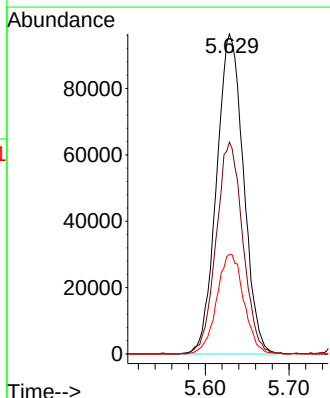
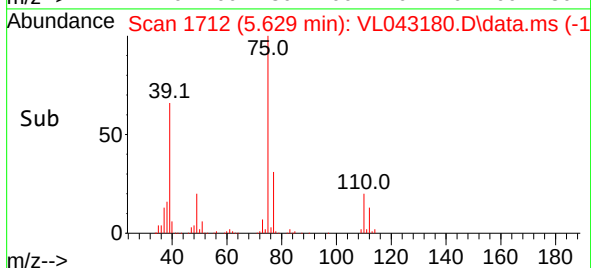
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

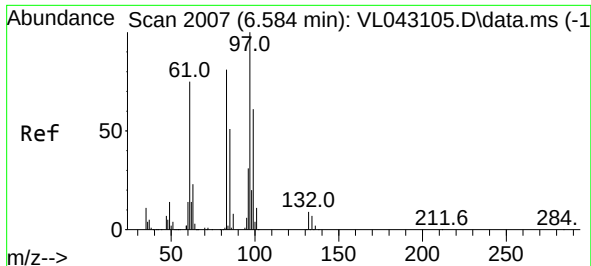


#46
cis-1,3-Dichloropropene
Concen: 10.132 ppbv
RT: 5.629 min Scan# 1712
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15



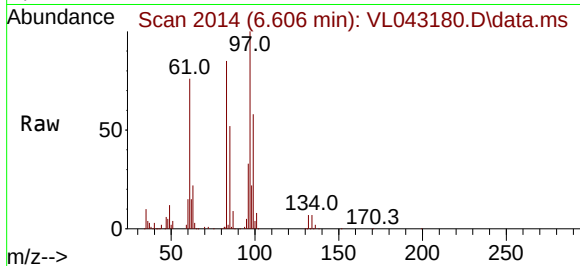
Tgt Ion: 75 Resp: 215528
Ion Ratio Lower Upper
75 100
39 66.2 51.0 76.6
77 31.1 25.0 37.4





#47
1,1,2-Trichloroethane
Concen: 11.032 ppbv
RT: 6.606 min Scan# 2007
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

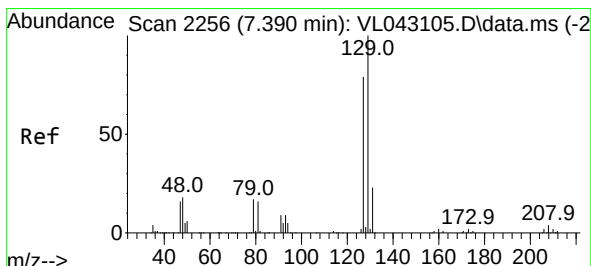
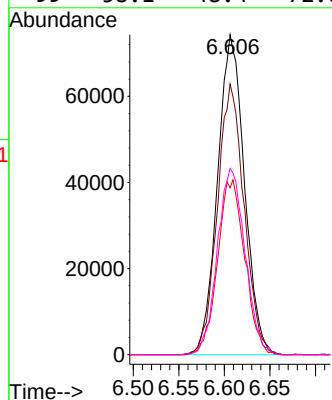
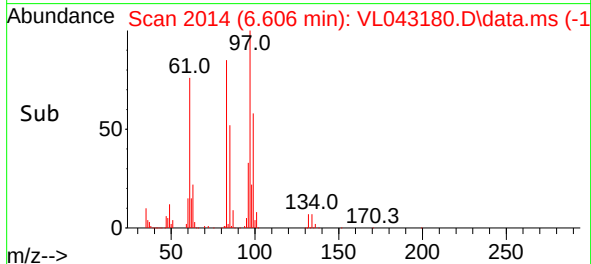
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 152159
Ion Ratio Lower Upper
97 100
83 84.5 64.6 96.8
85 52.2 40.6 60.8
99 58.1 48.4 72.6

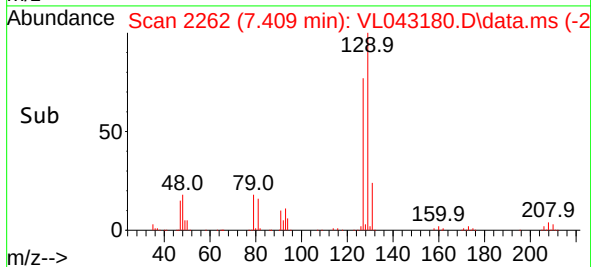
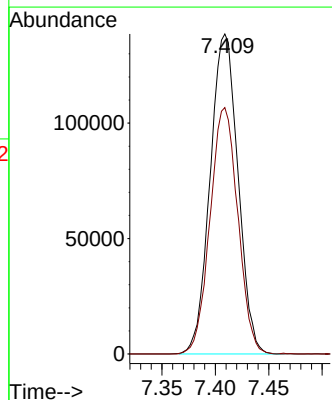
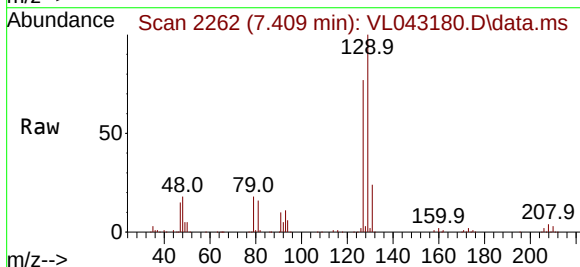
Manual Integrations
APPROVED

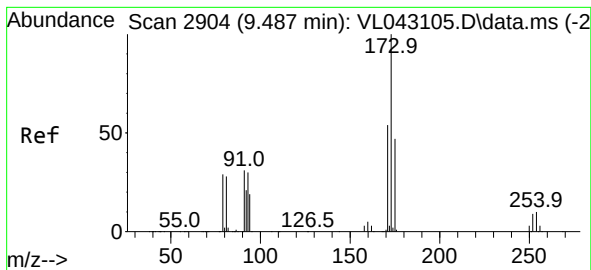
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#48
Dibromochloromethane
Concen: 10.913 ppbv
RT: 7.409 min Scan# 2262
Delta R.T. 0.019 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:129 Resp: 251658
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.9





#49

Bromoform

Concen: 11.436 ppbv

RT: 9.500 min Scan# 2904

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

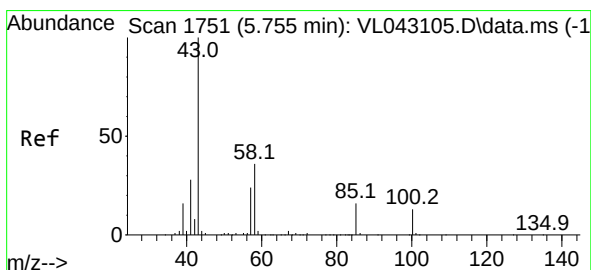
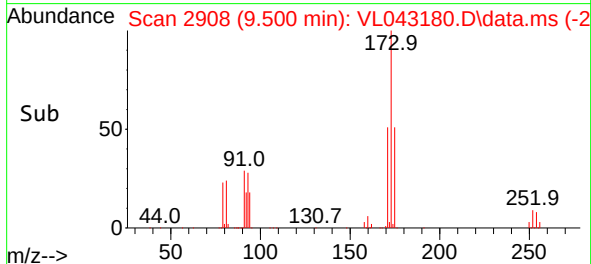
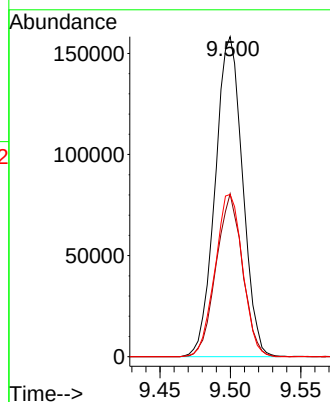
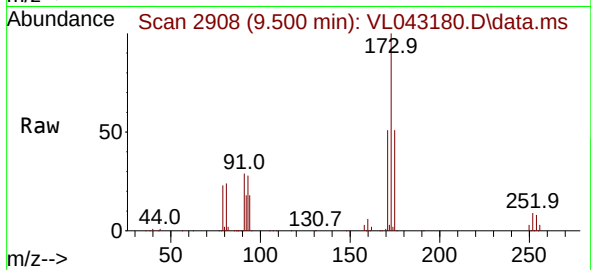
VSTDCCC010

Tgt Ion:	173	Resp:	21436
Ion Ratio	Lower	Upper	
173	100		
175	49.1	38.8	58.2
171	51.1	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#50

4-Methyl-2-Pentanone

Concen: 10.642 ppbv m

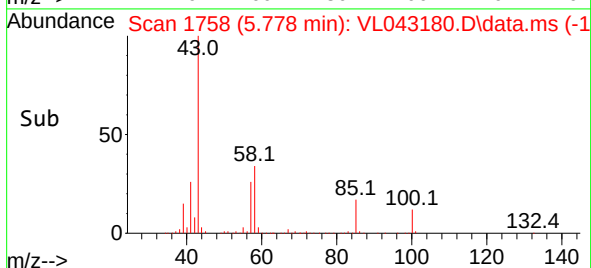
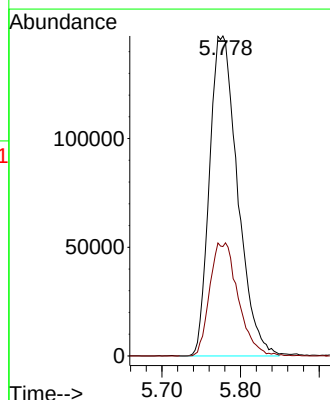
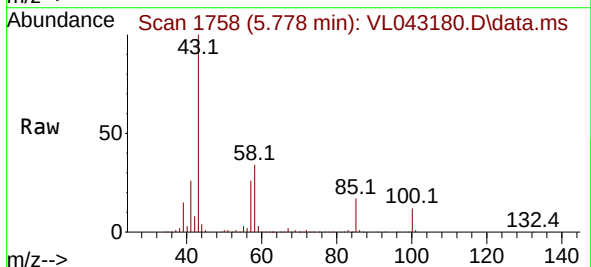
RT: 5.778 min Scan# 1758

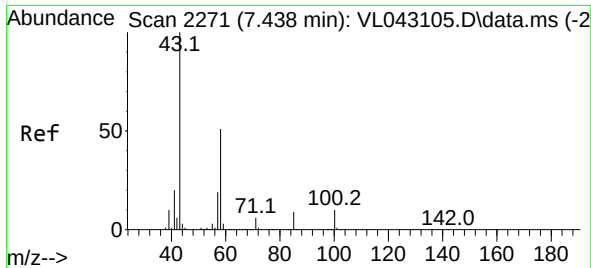
Delta R.T. 0.022 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Tgt Ion:	43	Resp:	366191
Ion Ratio	Lower	Upper	
43	100		
58	35.7	29.1	43.7





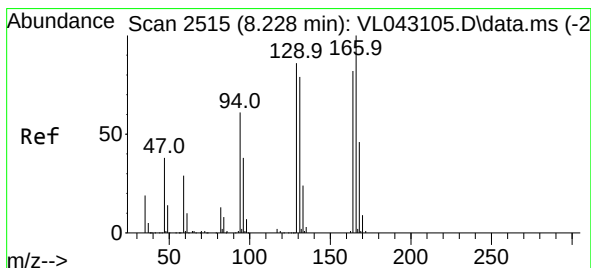
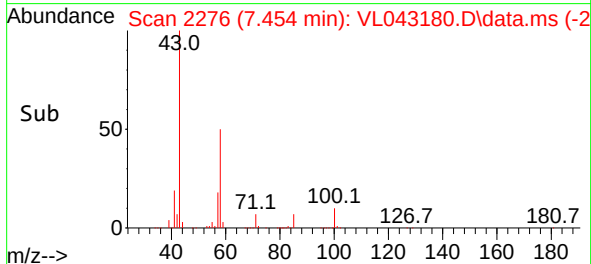
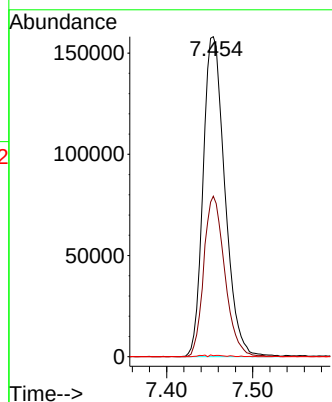
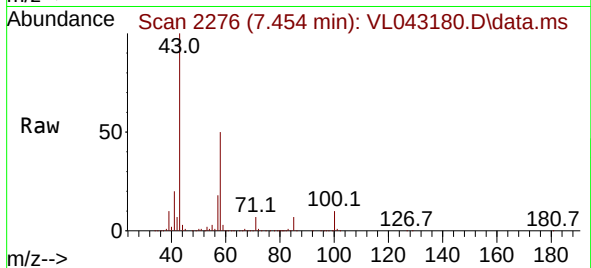
#51
2-Hexanone
Concen: 10.790 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 278490
Ion Ratio Lower Upper
43 100
58 48.4 40.4 60.6
98 0.5 0.1 0.1

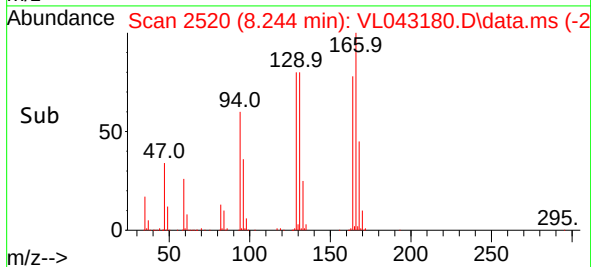
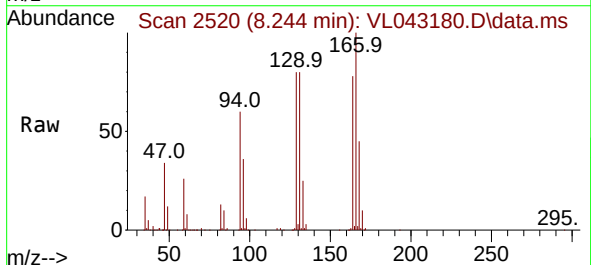
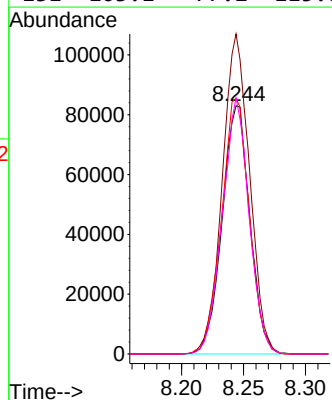
Manual Integrations
APPROVED

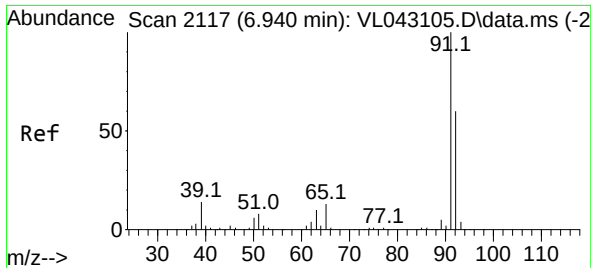
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#52
Tetrachloroethene
Concen: 10.288 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:164 Resp: 129615
Ion Ratio Lower Upper
164 100
166 129.0 97.6 146.4
129 103.0 84.5 126.7
131 103.1 77.2 115.8





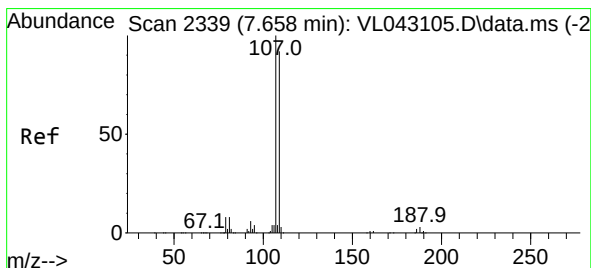
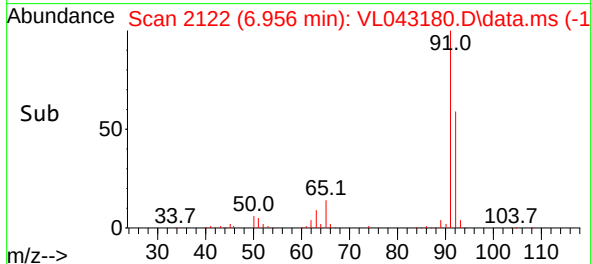
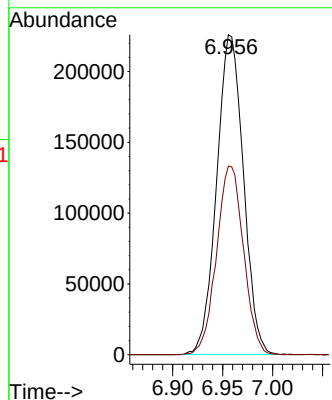
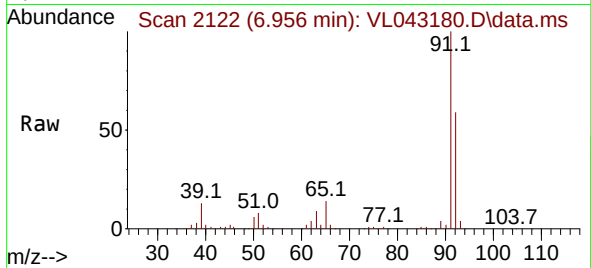
#53
Toluene
Concen: 10.163 ppbv
RT: 6.956 min Scan# 2117
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 421390
Ion Ratio Lower Upper
91 100
92 59.5 48.8 73.2

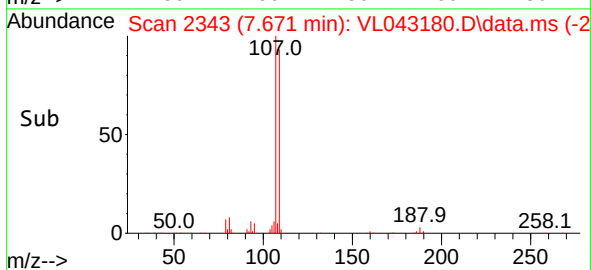
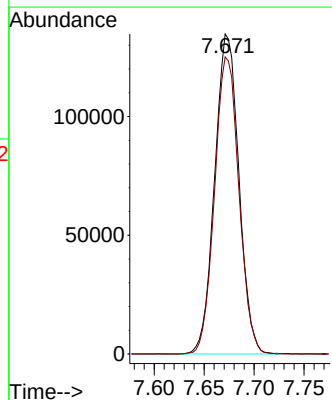
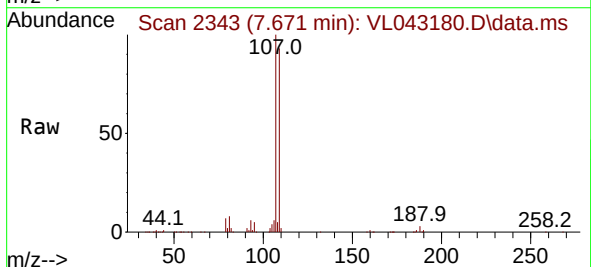
Manual Integrations
APPROVED

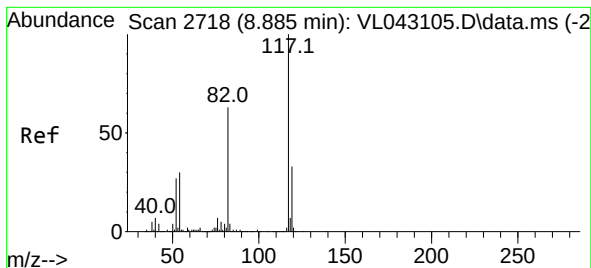
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#54
1,2-Dibromoethane
Concen: 10.505 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:107 Resp: 226943
Ion Ratio Lower Upper
107 100
109 92.9 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2718

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 319069

Ion Ratio Lower Upper

117 100

82 68.3 53.8 80.8

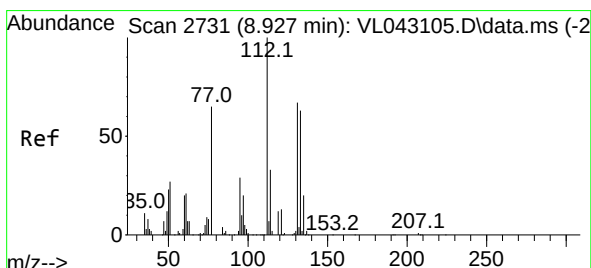
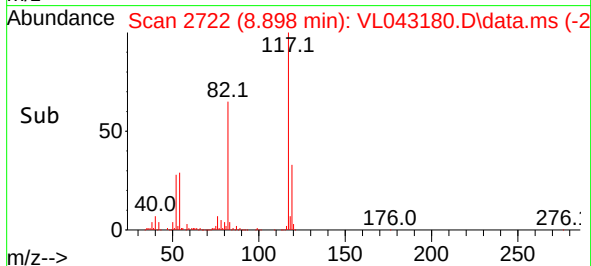
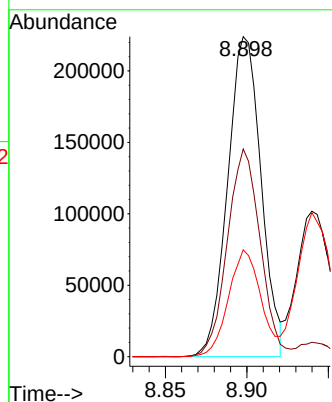
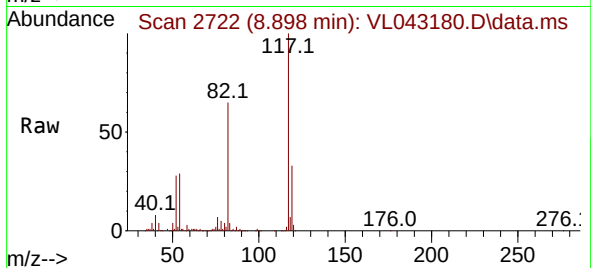
119 34.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 11.499 ppbv

RT: 8.940 min Scan# 2735

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

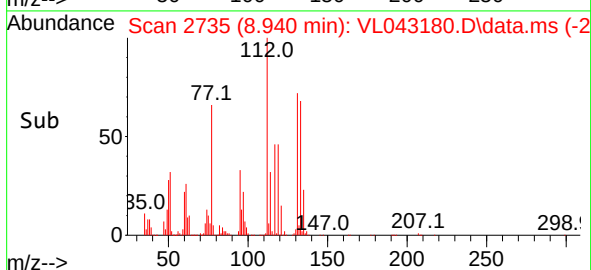
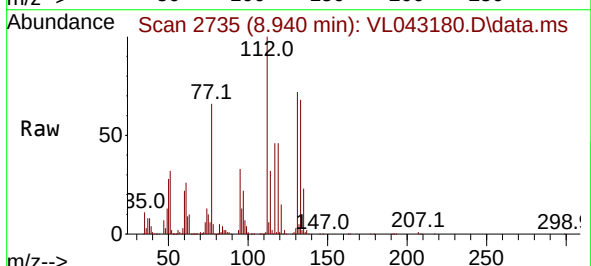
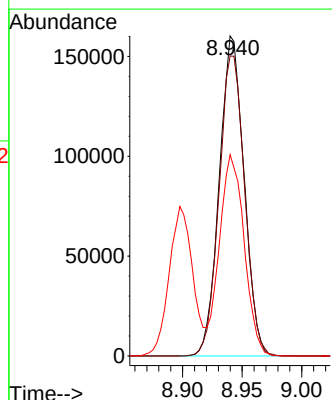
Tgt Ion:131 Resp: 231293

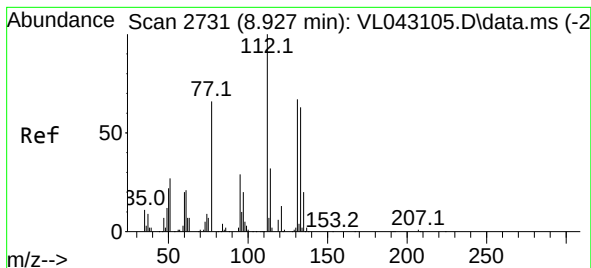
Ion Ratio Lower Upper

131 100

133 97.0 75.7 113.5

119 60.8 50.6 76.0





#57

Chlorobenzene

Concen: 10.944 ppbv

RT: 8.940 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

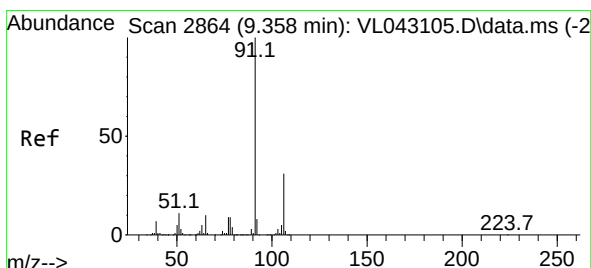
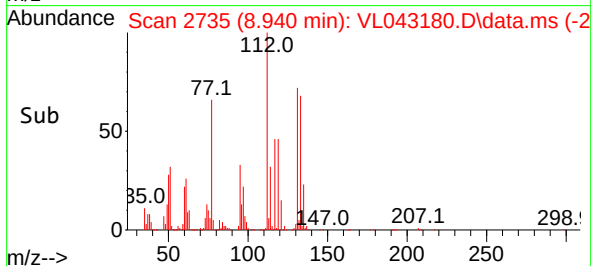
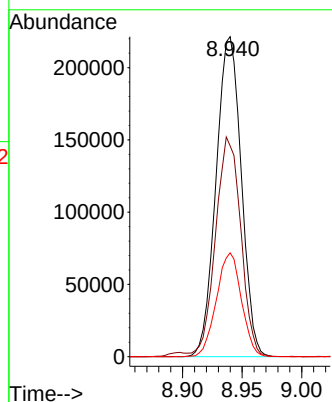
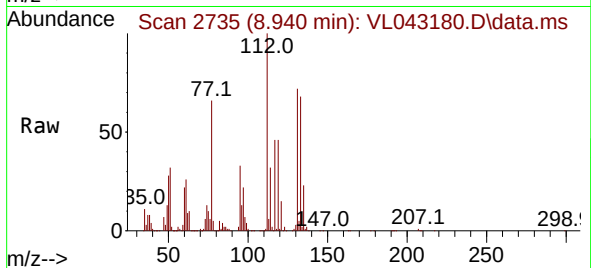
VSTDCCC010

Tgt Ion:	112	Resp:	32665
Ion Ratio	Lower	Upper	
112	100		
77	65.9	53.3	79.9
114	32.4	29.3	35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#58

Ethyl Benzene

Concen: 10.726 ppbv

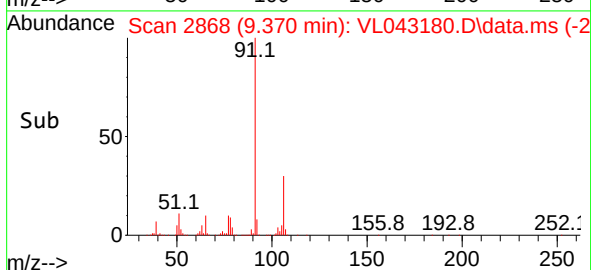
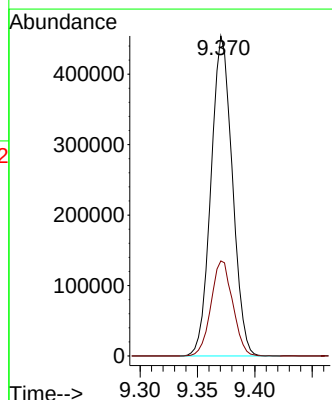
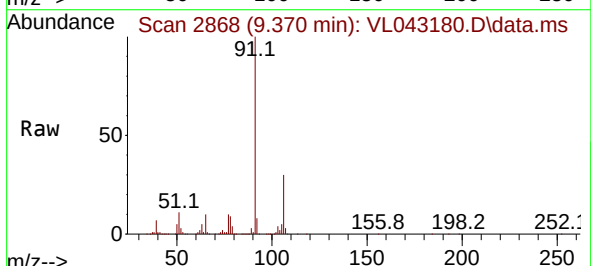
RT: 9.370 min Scan# 2868

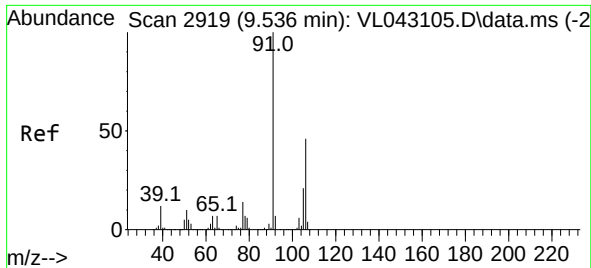
Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Tgt Ion:	91	Resp:	587375
Ion Ratio	Lower	Upper	
91	100		
106	29.7	24.8	37.2





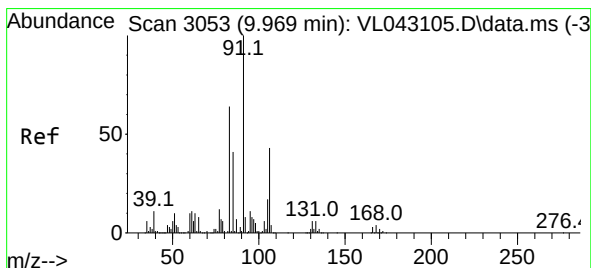
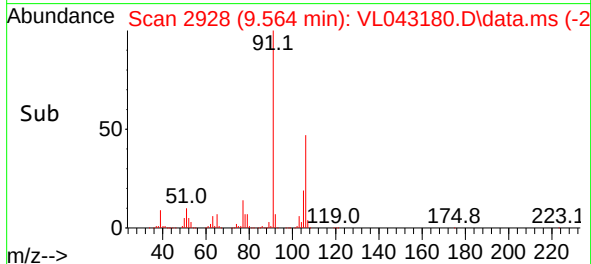
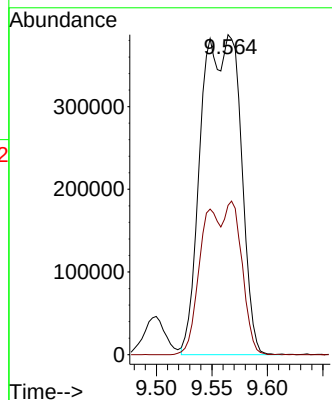
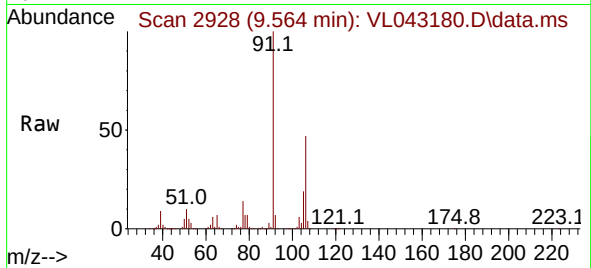
#59
m/p-Xylene
Concen: 21.995 ppbv m
RT: 9.564 min Scan# 2919
Delta R.T. 0.029 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 96066
Ion Ratio Lower Upper
91 100
106 0.0 38.0 57.0

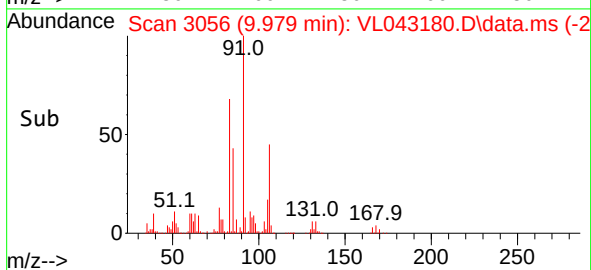
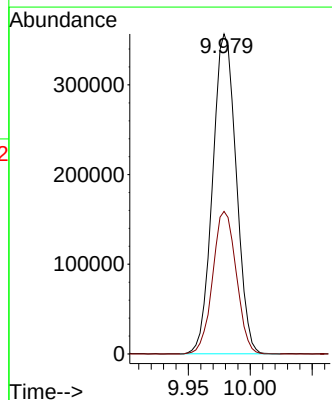
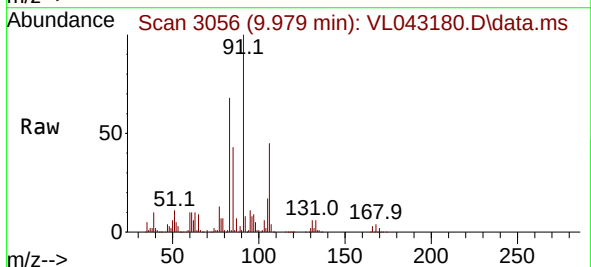
Manual Integrations
APPROVED

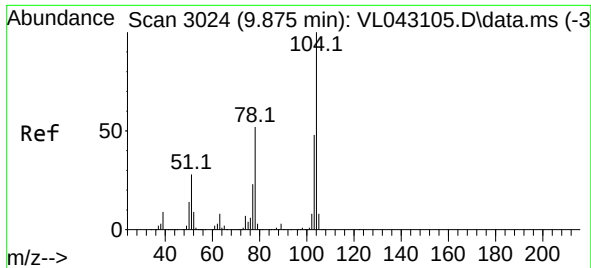
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#60
o-Xylene
Concen: 10.961 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 91 Resp: 472838
Ion Ratio Lower Upper
91 100
106 44.7 21.9 65.8





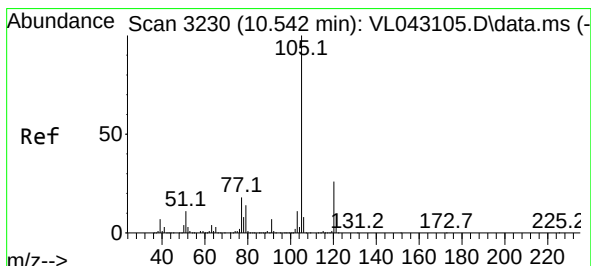
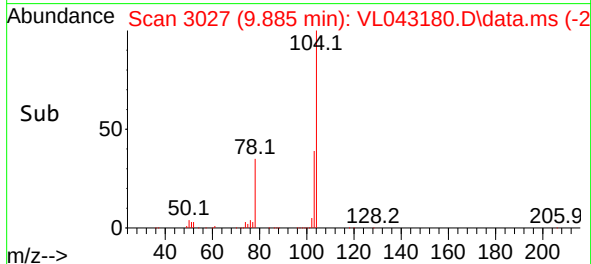
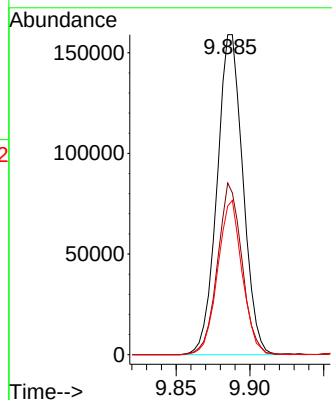
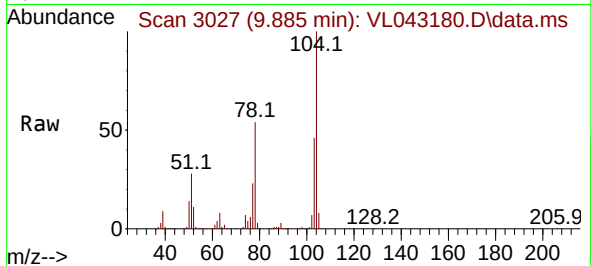
#61
Styrene
Concen: 9.979 ppbv
RT: 9.885 min Scan# 3024
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 194324
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.2
103 45.8 36.9 55.3

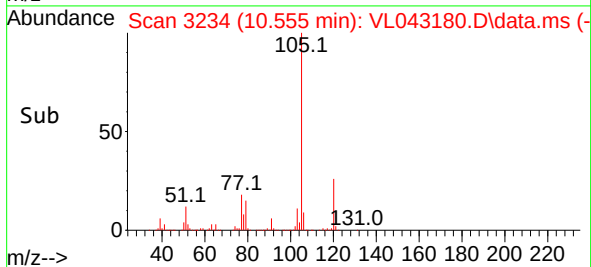
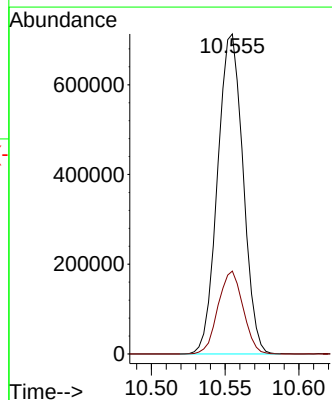
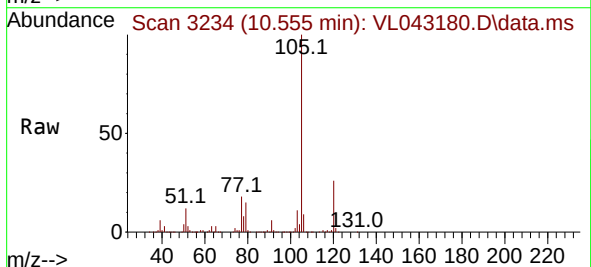
Manual Integrations
APPROVED

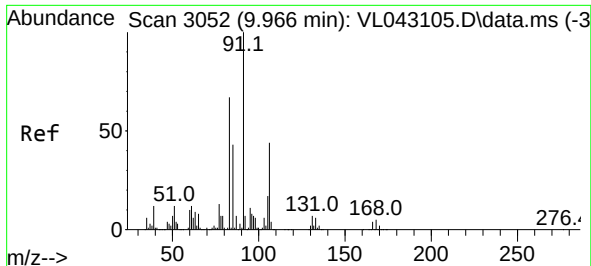
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#62
Isopropylbenzene
Concen: 10.987 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:105 Resp: 856402
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.4





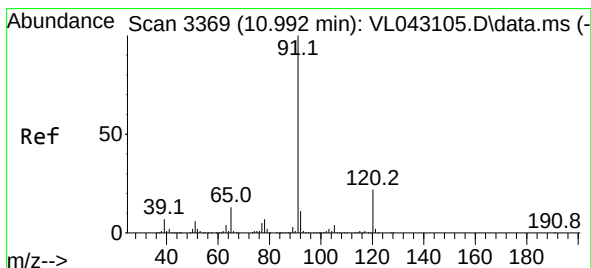
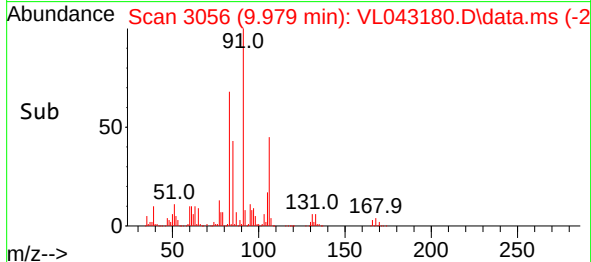
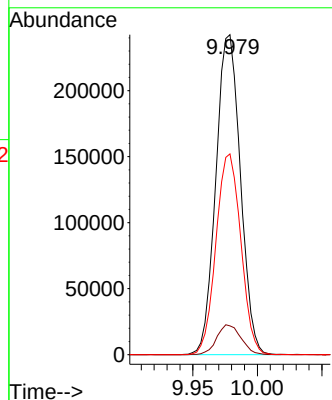
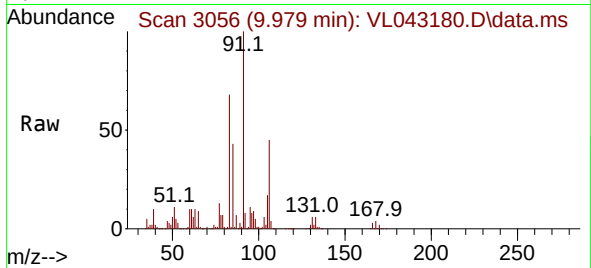
#63
1,1,2,2-Tetrachloroethane
Concen: 11.095 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 320460
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 63.5 32.0 96.0

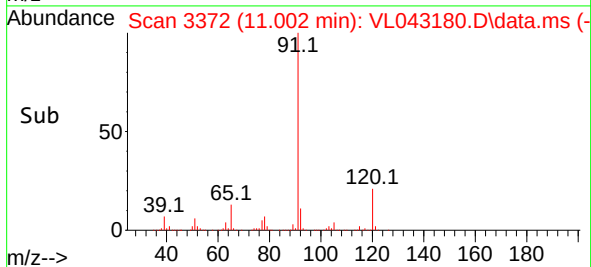
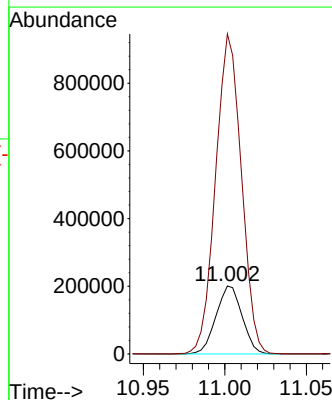
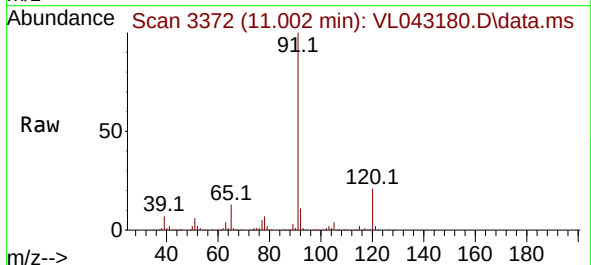
Manual Integrations
APPROVED

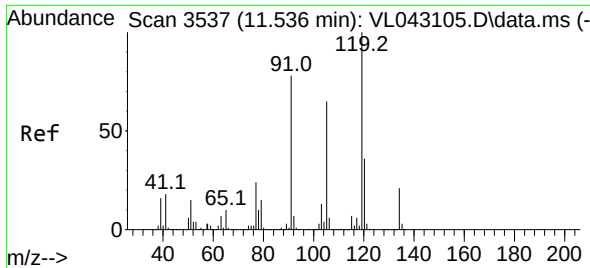
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#64
n-propylbenzene
Concen: 10.808 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:120 Resp: 223050
Ion Ratio Lower Upper
120 100
91 466.2 361.6 542.4





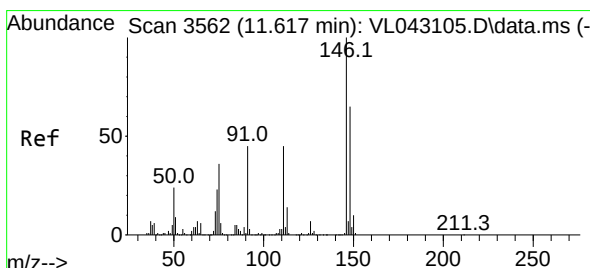
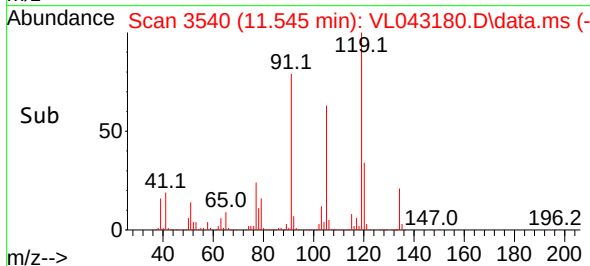
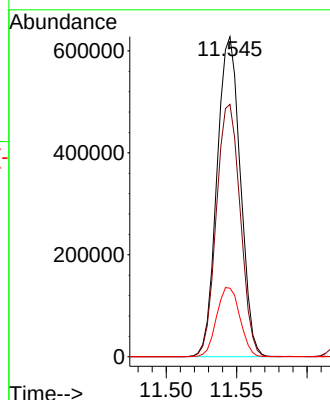
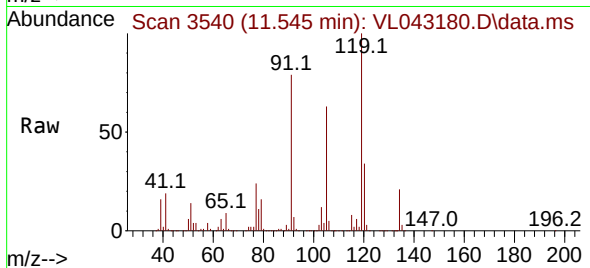
#65
tert-Butylbenzene
Concen: 10.539 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 72544
Ion Ratio Lower Upper
119 100
91 80.6 63.4 95.0
134 21.5 17.3 25.9

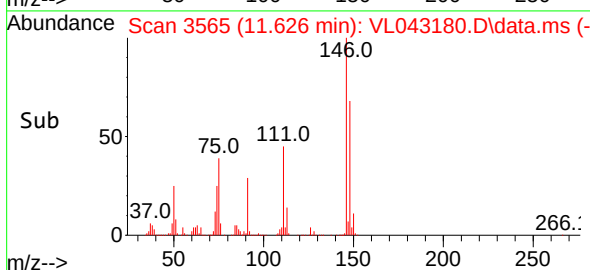
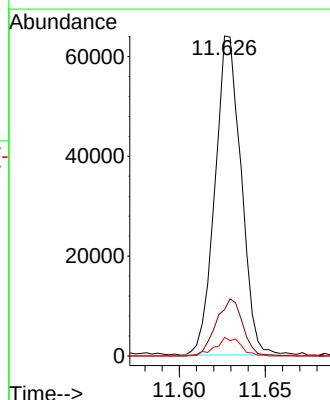
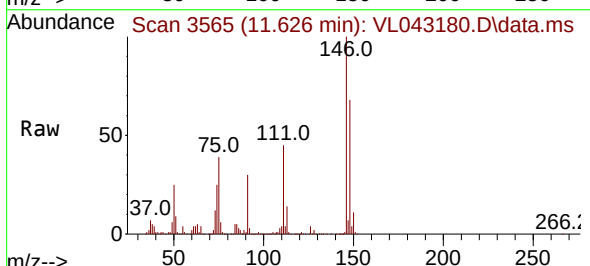
Manual Integrations
APPROVED

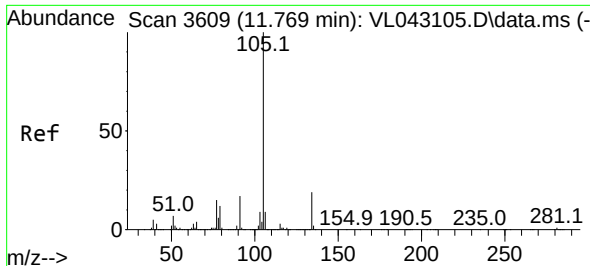
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#66
Benzyl Chloride
Concen: 8.790 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

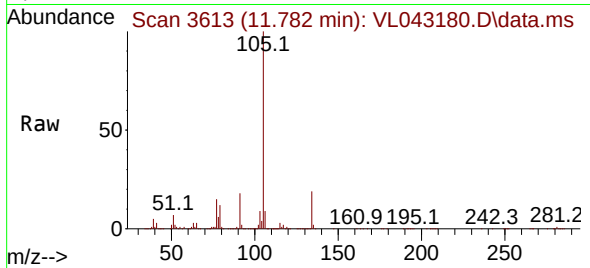
Tgt Ion: 91 Resp: 67343
Ion Ratio Lower Upper
91 100
126 18.2 14.6 22.0
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.832 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

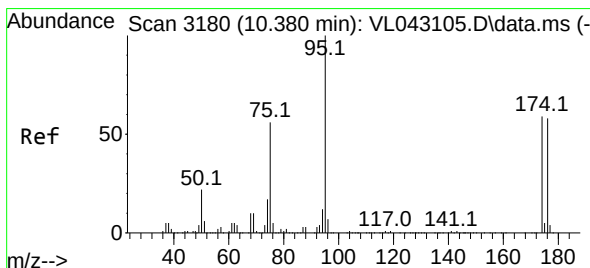
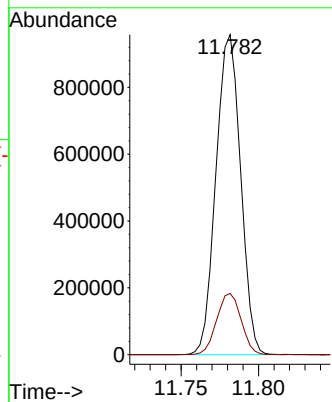
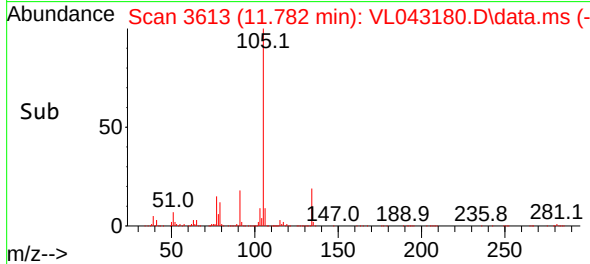
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 1058230
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3

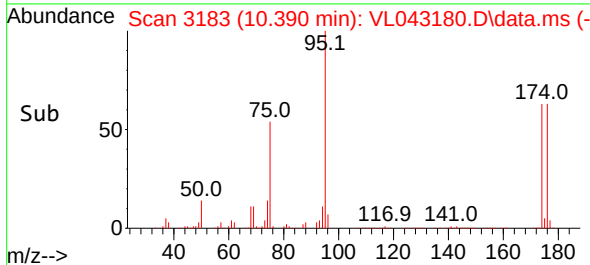
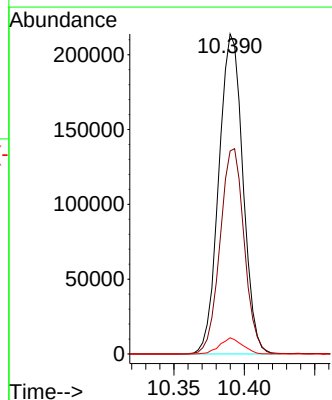
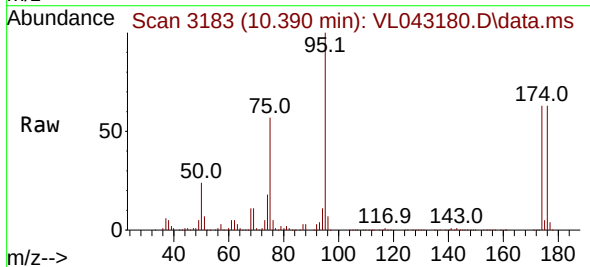
Manual Integrations
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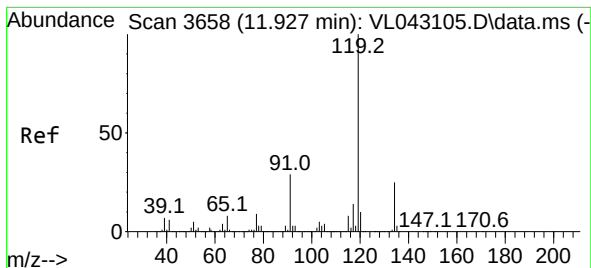
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.275 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 95 Resp: 254836
 Ion Ratio Lower Upper
 95 100
 174 64.5 48.3 72.5
 175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 10.578 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 878084

Ion Ratio Lower Upper

119 100

134 25.9 20.3 30.5

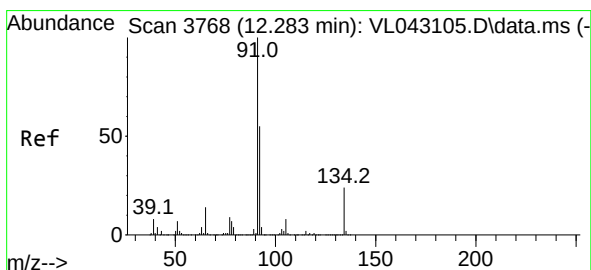
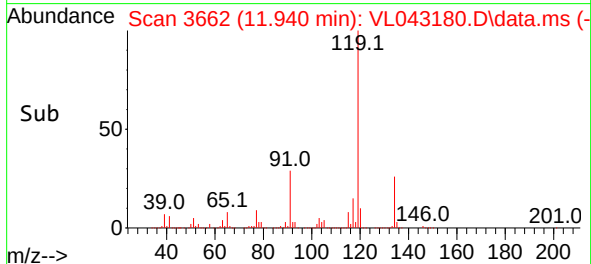
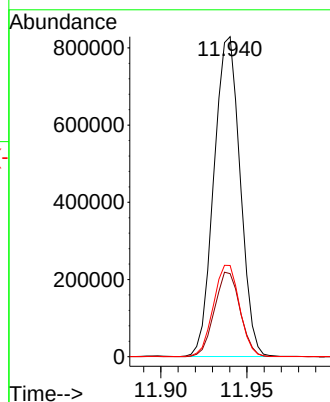
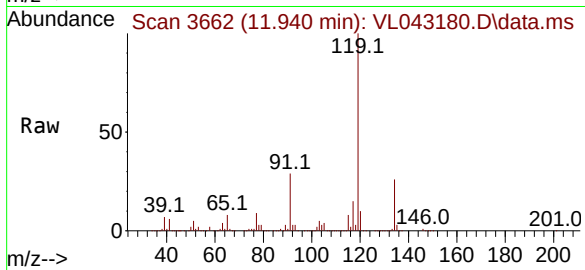
91 28.8 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#70

n-Butylbenzene

Concen: 10.907 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. 0.009 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

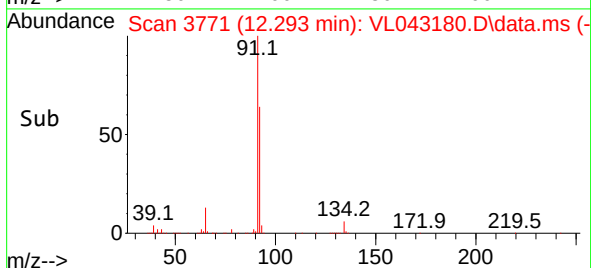
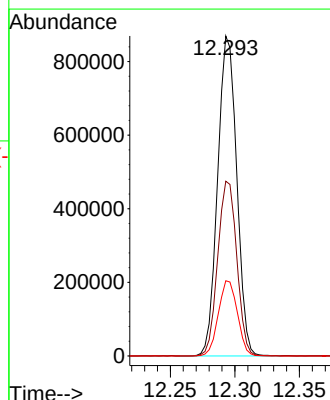
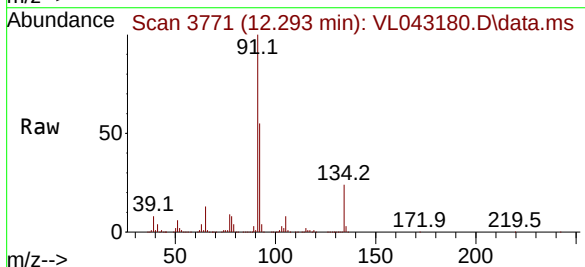
Tgt Ion: 91 Resp: 892212

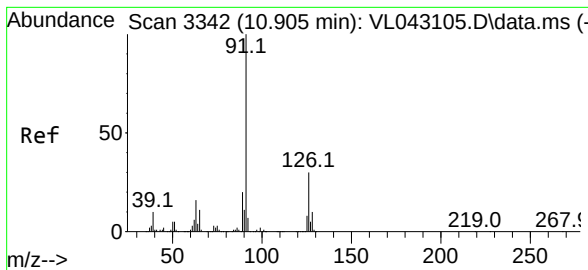
Ion Ratio Lower Upper

91 100

92 54.6 44.5 66.7

134 23.4 19.3 28.9





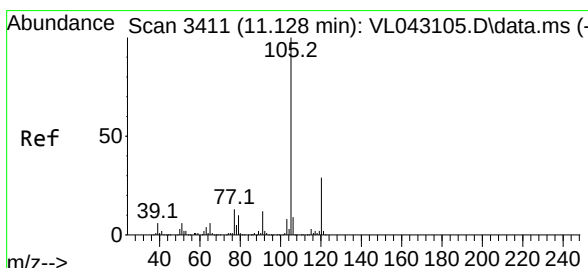
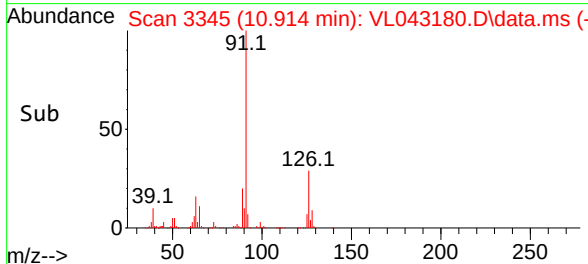
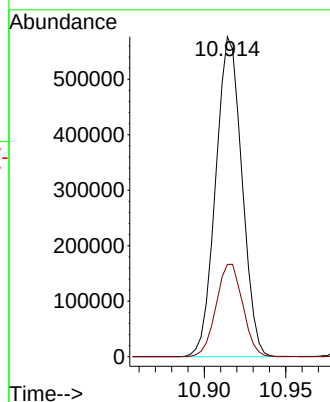
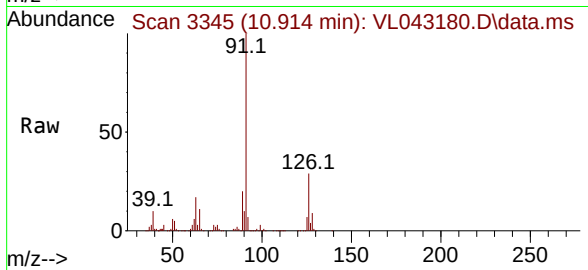
#71
2-Chlorotoluene
Concen: 10.859 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 64558
Ion Ratio Lower Upper
91 100
126 29.3 12.0 48.0

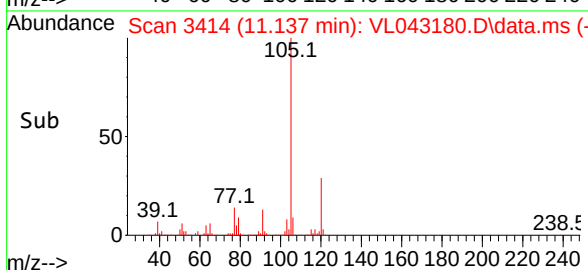
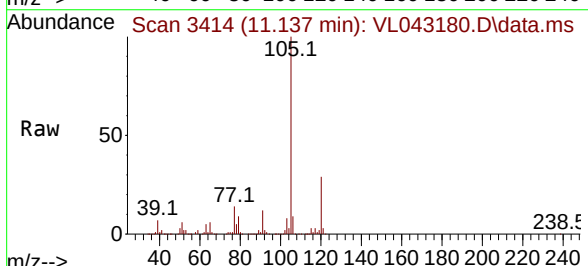
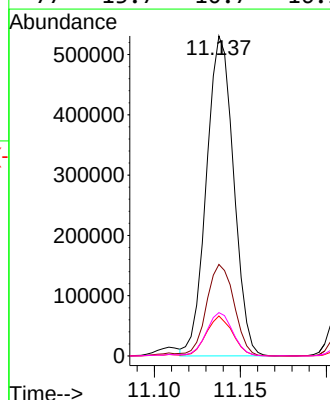
Manual Integrations
APPROVED

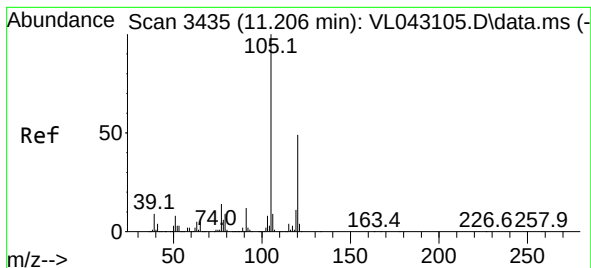
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#72
4-Ethyltoluene
Concen: 10.994 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:105 Resp: 583156
Ion Ratio Lower Upper
105 100
120 29.8 24.2 36.4
91 12.4 10.0 15.0
77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 11.042 ppbv

RT: 11.215 min Scan# 34

Delta R.T. 0.009 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 483034

Ion Ratio Lower Upper

105 100

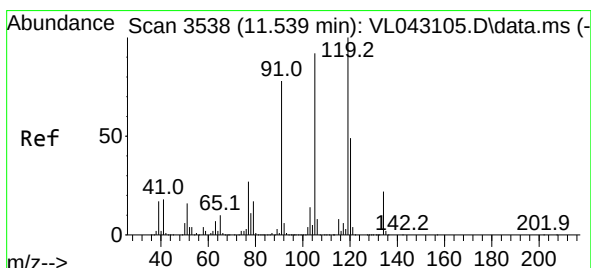
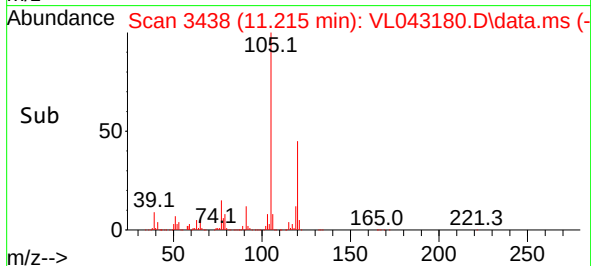
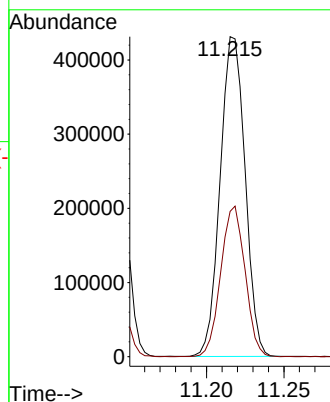
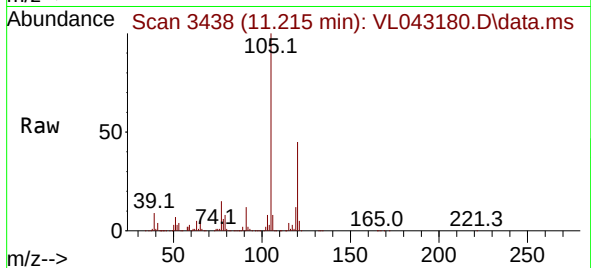
120 45.4 39.0 58.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.773 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Tgt Ion:105 Resp: 527359

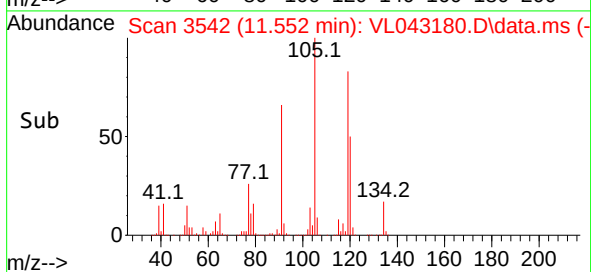
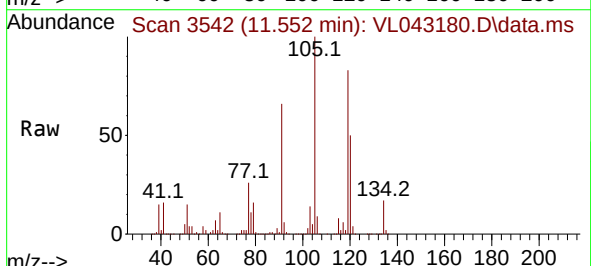
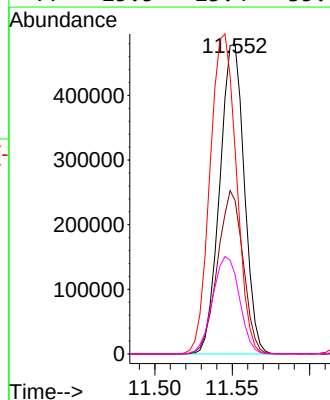
Ion Ratio Lower Upper

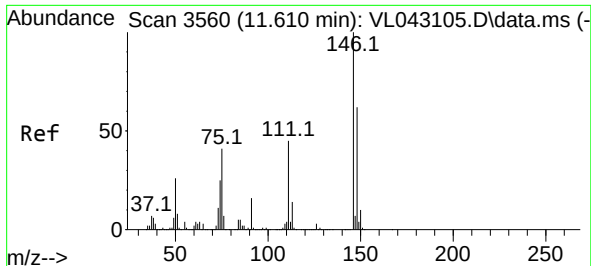
105 100

120 49.5 42.8 64.2

91 65.8 68.3 102.5#

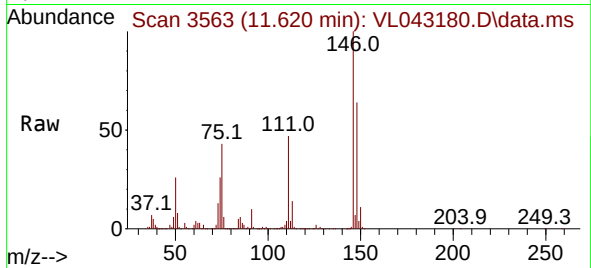
77 25.5 23.4 35.0





#75
1,3-Dichlorobenzene
Concen: 11.390 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

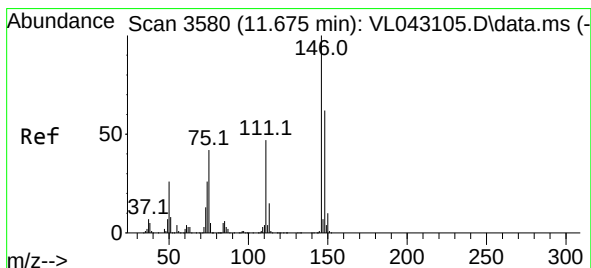
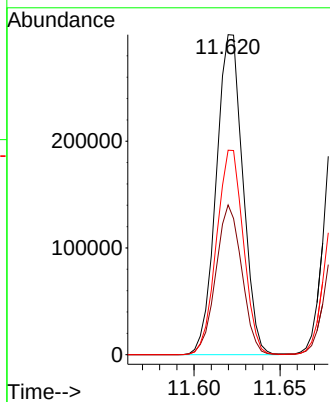
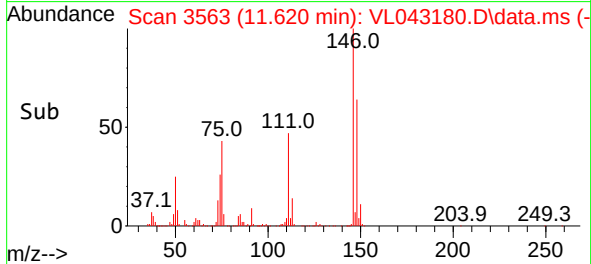
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



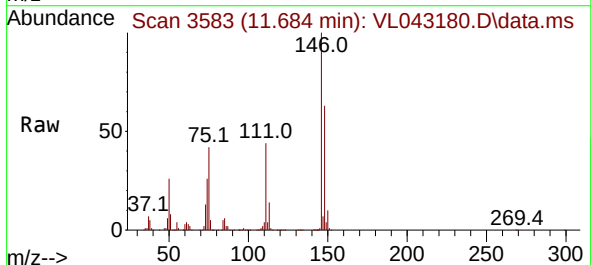
Tgt Ion:146 Resp: 323378
Ion Ratio Lower Upper
146 100
111 45.5 23.3 69.9
148 64.3 31.6 95.0

Manual Integrations
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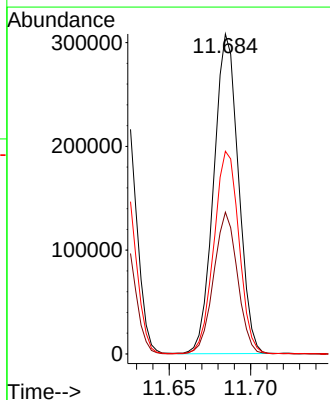
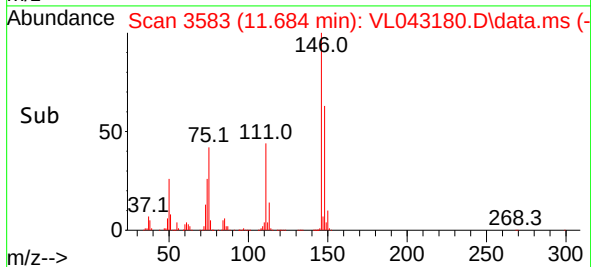
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

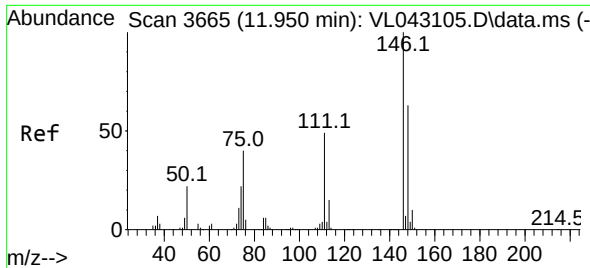


#76
1,4-Dichlorobenzene
Concen: 11.304 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15



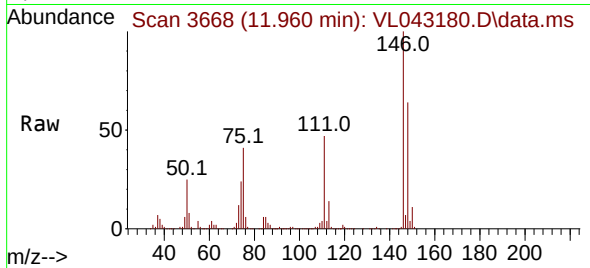
Tgt Ion:146 Resp: 323615
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 64.9 31.6 94.7





#77
1,2-Dichlorobenzene
Concen: 11.227 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

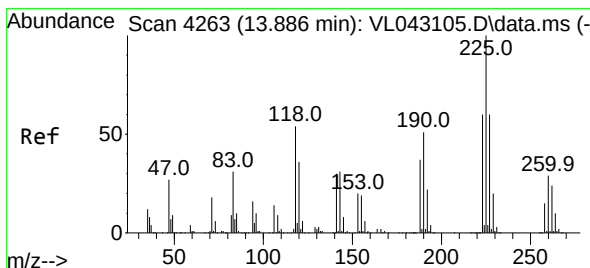
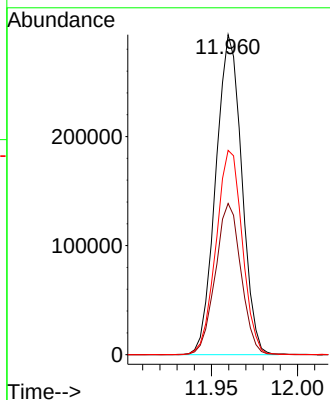
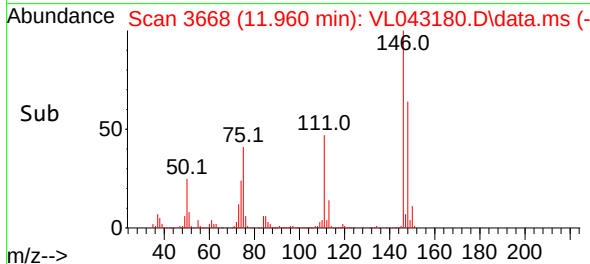
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



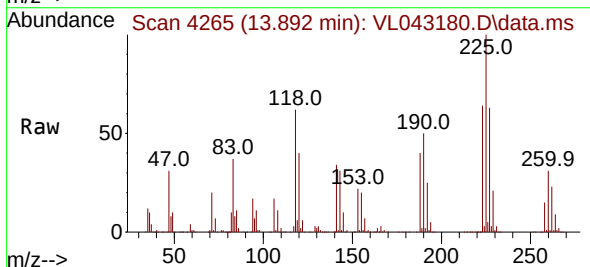
Tgt Ion:146 Resp: 308369
Ion Ratio Lower Upper
146 100
111 46.7 24.0 72.0
148 64.7 31.1 93.3

Manual Integrations
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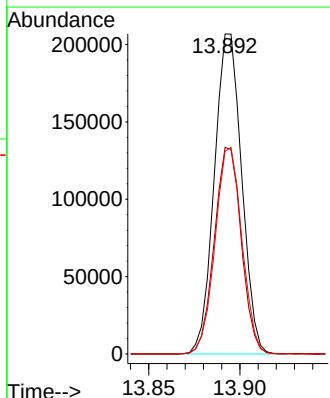
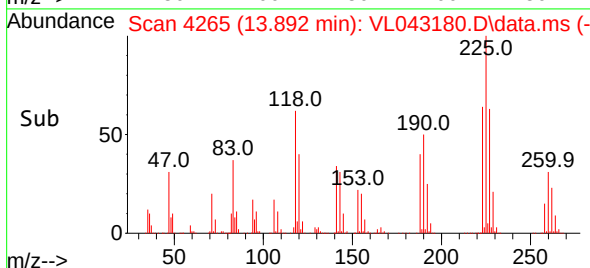
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

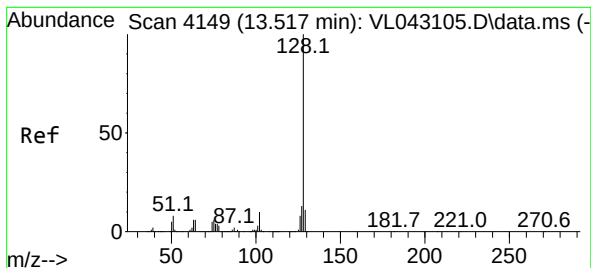


#78
Hexachloro-1,3-Butadiene
Concen: 10.134 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15



Tgt Ion:225 Resp: 215523
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 63.3 49.6 74.4





#79

Naphthalene

Concen: 10.223 ppbv

RT: 13.526 min Scan# 4149

Delta R.T. 0.010 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 523078

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

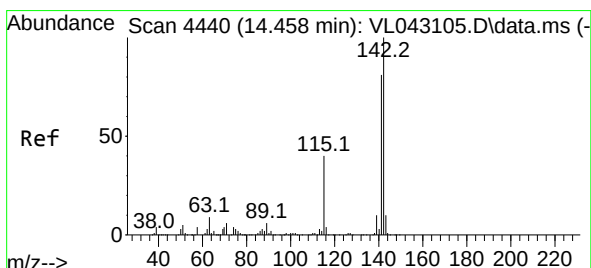
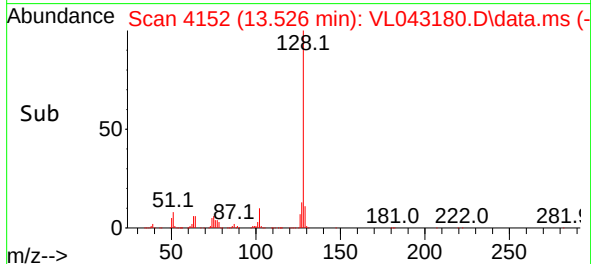
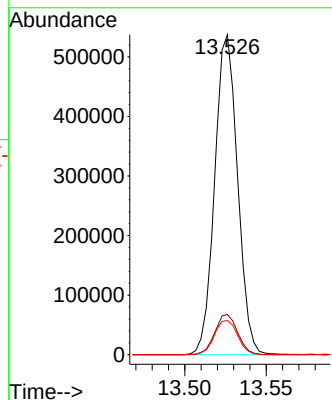
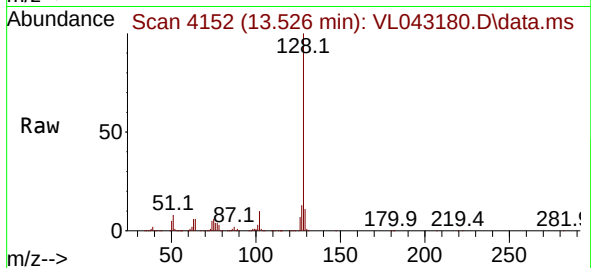
129 10.7 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#80

Naphthalene,2-methyl-

Concen: 10.328 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

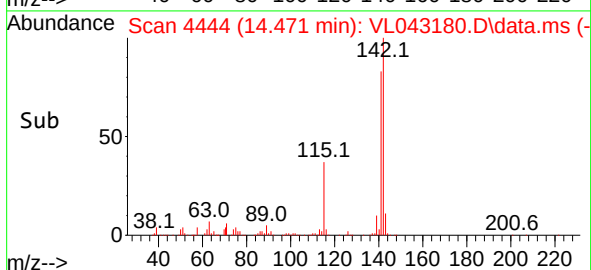
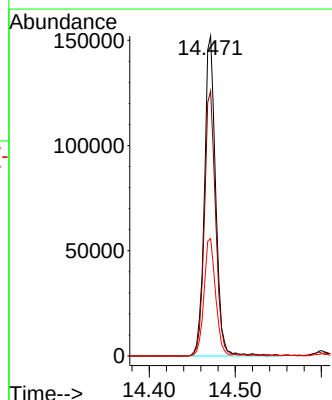
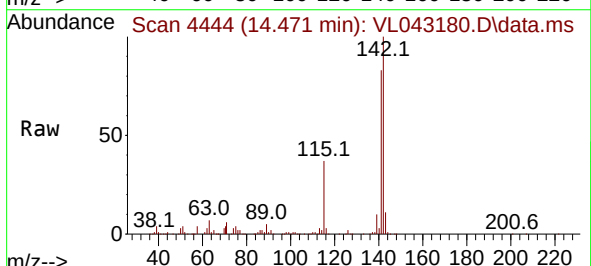
Tgt Ion:142 Resp: 137671

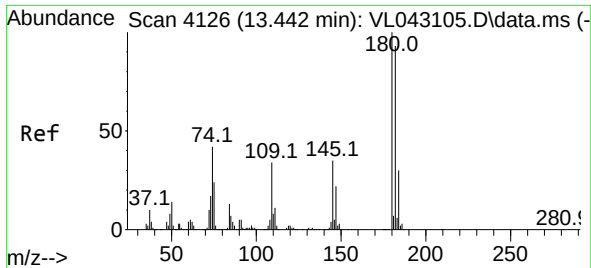
Ion Ratio Lower Upper

142 100

141 83.7 64.6 97.0

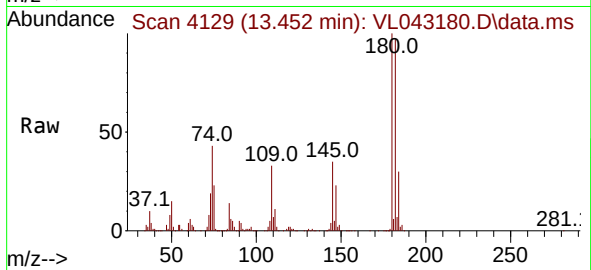
115 38.8 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.822 ppbv
 RT: 13.452 min Scan# 4126
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 229828
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.5 113.3
 184 29.8 23.9 35.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

