

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
 Data File : VL042757.D
 Acq On : 24 Jul 2025 08:23
 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 07/25/2025
 Supervised By : Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 01:22:24 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	147950	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	427210	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	383056	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 311165 10.257 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	187566	9.589	ppbv	99
3) Chlorodifluoromethane	1.476	51	244317	9.588	ppbv	98
4) Chloromethane	1.531	50	74335	9.393	ppbv	95
5) Vinyl Chloride	1.580	62	65064	8.321	ppbv	99
6) Bromomethane	1.667	94	28685	9.490	ppbv	92
7) Chloroethane	1.703	64	27550	9.119	ppbv	96
8) Dichlorotetrafluoroethane	1.554	85	150238	9.339	ppbv	97
9) Propene	1.483	41	87903	9.491	ppbv	96
10) Heptane	4.978	43	249314	9.984	ppbv	98
11) Trichlorofluoromethane	1.878	101	193823	9.612	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	148112	9.666	ppbv	98
13) Ethanol	1.719	45	7492	9.958	ppbv	92
14) Bromoethene	1.781	108	52933	9.757	ppbv	99
15) Acetone	1.836	43	156375	7.654	ppbv	98
16) 1,3-Butadiene	1.609	39	79550	9.129	ppbv	98
17) tert-Butyl alcohol	2.040	59	176200	9.563	ppbv	99
18) 1,1-Dichloroethene	2.033	96	63402	9.158	ppbv	91
19) Isopropyl Alcohol	1.884	45	98884	9.108	ppbv #	40
20) Methylene Chloride	2.062	84	55642	8.643	ppbv	92
21) Allyl Chloride	2.095	41	123118	9.778	ppbv	99
22) trans-1,2-Dichloroethene	2.341	96	71805	9.641	ppbv	96
23) Vinyl Acetate	2.460	43	254582	10.279	ppbv	99
24) 1,1-Dichloroethane	2.409	63	144940	9.481	ppbv	98
25) Ethyl Acetate	2.833	43	440225	9.735	ppbv	99
26) Hexane	2.826	57	191695	9.663	ppbv	99
27) Carbon Disulfide	2.150	76	171134	10.077	ppbv	99
28) Methyl tert-Butyl Ether	2.438	73	84661	9.034	ppbv	97
29) Chloroform	2.849	83	296376	9.669	ppbv	99
30) Cyclohexane	3.859	84	163787	9.735	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	199128	9.769	ppbv	95
32) 1,1,1-Trichloroethane	3.367	97	297466	9.316	ppbv	99
34) 2-Butanone	2.554	43	291075	9.619	ppbv	98
35) Carbon Tetrachloride	3.761	117	314409	9.908	ppbv	99
36) Benzene	3.655	78	393168	9.711	ppbv	99
37) 1,2-Dichloroethane	3.218	62	241809	9.914	ppbv	100
38) Trichloroethene	4.545	130	173991	8.945	ppbv	97
39) 1,2-Dichloropropane	4.309	63	144022	9.637	ppbv	99
40) 1,4-Dioxane	4.574	88	65828	9.450	ppbv #	96
41) Tetrahydrofuran	3.053	42	158450	10.290	ppbv	99
42) Bromodichloromethane	4.487	83	323680	10.190	ppbv	100
43) Methyl Methacrylate	4.875	69	152285	10.582	ppbv	99
44) 2,2,4-Trimethylpentane	4.639	57	659271	9.990	ppbv	99
45) t-1,3-Dichloropropene	6.412	75	172061	10.662	ppbv	90

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 01:22:24 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.597	75	215829	10.554	ppbv	98
47) 1,1,2-Trichloroethane	6.581	97	154154	9.676	ppbv	96
48) Dibromochloromethane	7.387	129	263525	10.419	ppbv	99
49) Bromoform	9.481	173	229121	10.390	ppbv	98
50) 4-Methyl-2-Pentanone	5.746	43	387968	9.953	ppbv	99
51) 2-Hexanone	7.435	43	317003	10.761	ppbv #	99
52) Tetrachloroethene	8.225	164	146976	8.758	ppbv	97
53) Toluene	6.930	91	442405	10.175	ppbv	100
54) 1,2-Dibromoethane	7.649	107	227212	10.094	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.924	131	198082	9.946	ppbv	99
57) Chlorobenzene	8.921	112	349201	9.419	ppbv	97
58) Ethyl Benzene	9.354	91	622947	10.298	ppbv	100
59) m/p-Xylene	9.552	91	1005574m	20.800	ppbv	
60) o-Xylene	9.963	91	500129	10.353	ppbv	99
61) Styrene	9.869	104	221916	10.920	ppbv	99
62) Isopropylbenzene	10.539	105	722087	10.134	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	284428	9.171	ppbv	99
64) n-propylbenzene	10.989	120	192843	10.381	ppbv	99
65) tert-Butylbenzene	11.533	119	647770	10.234	ppbv	98
66) Benzyl Chloride	11.614	91	59138	11.381	ppbv	99
67) sec-Butylbenzene	11.769	105	905366	10.057	ppbv	100
69) p-Isopropyltoluene	11.924	119	782501	10.660	ppbv	100
70) n-Butylbenzene	12.280	91	792521	11.177	ppbv	99
71) 2-Chlorotoluene	10.902	91	557912	10.211	ppbv	99
72) 4-Ethyltoluene	11.125	105	620030	10.747	ppbv	99
73) 1,3,5-Trimethylbenzene	11.203	105	515645	10.856	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	561445	10.834	ppbv	95
75) 1,3-Dichlorobenzene	11.607	146	361599	9.953	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	366590	10.312	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	348523	9.761	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	286611	8.868	ppbv	99
79) Naphthalene	13.514	128	573161	10.185	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	273990	9.773	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	321227	10.157	ppbv	99

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

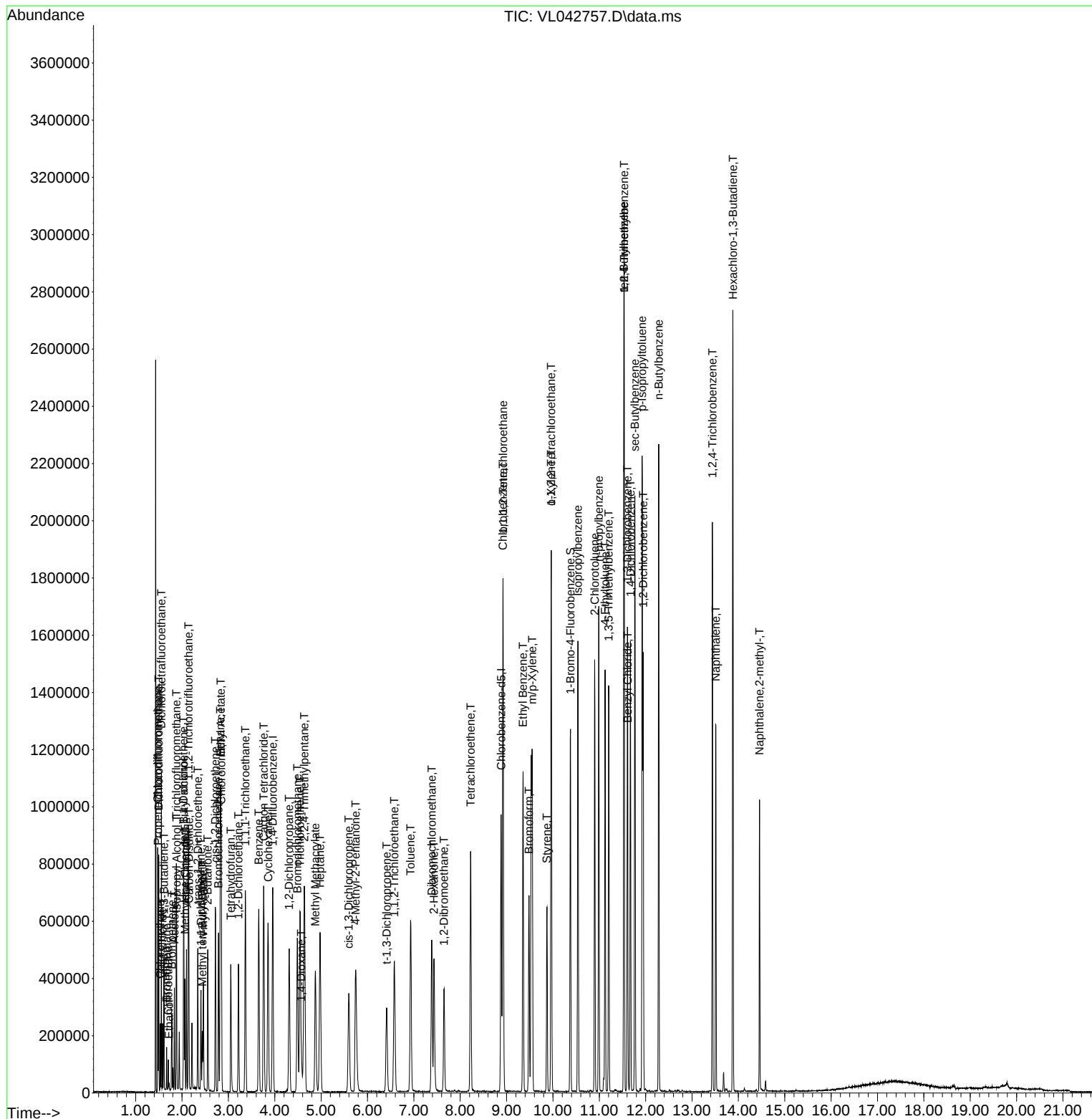
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
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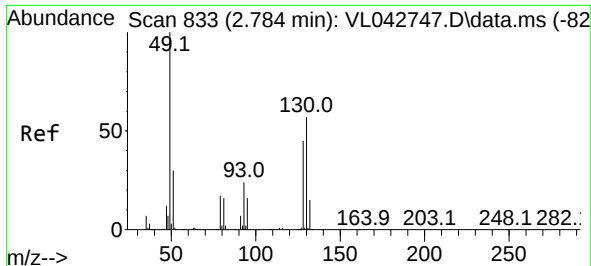
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

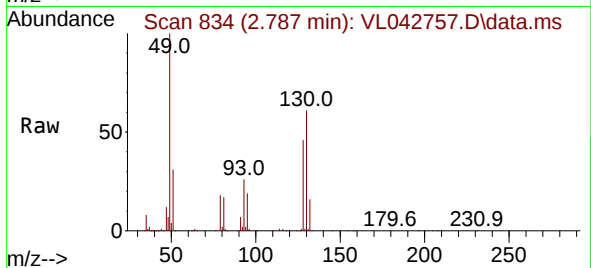
Quant Time: Jul 25 01:22:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

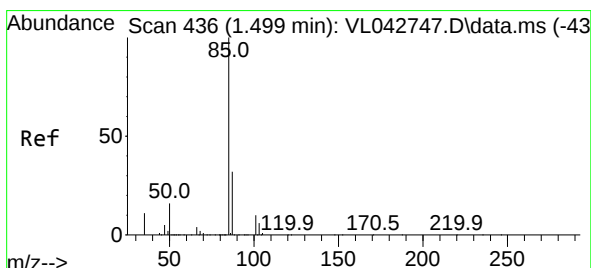
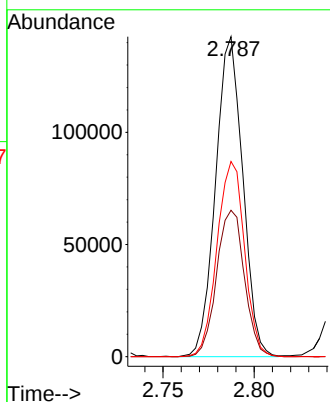
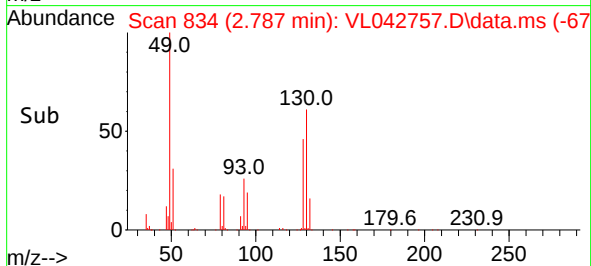
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 147950
Ion Ratio Lower Upper
49 100
128 46.7 23.6 71.0
130 61.5 30.3 90.8

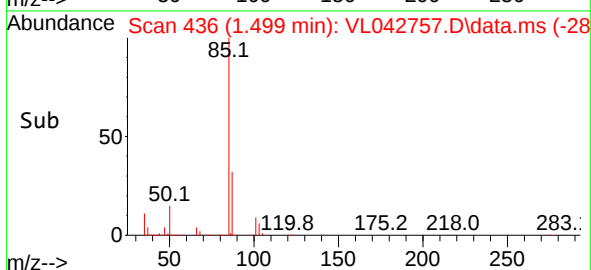
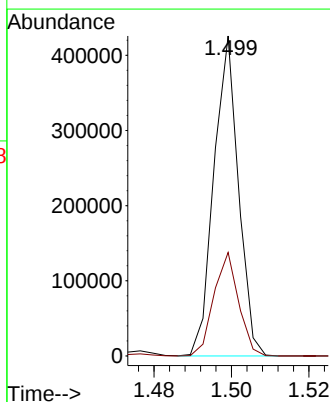
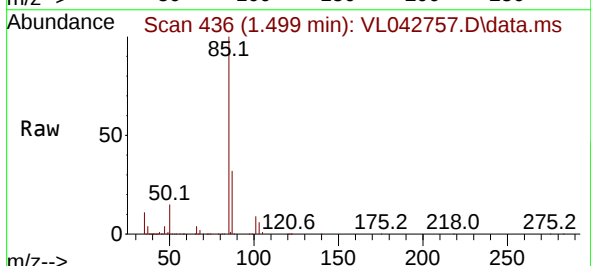
Manual Integrations
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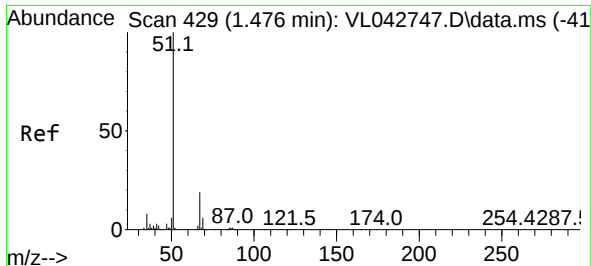
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#2
Dichlorodifluoromethane
Concen: 9.589 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Tgt Ion: 85 Resp: 187566
Ion Ratio Lower Upper
85 100
87 32.3 25.4 38.2





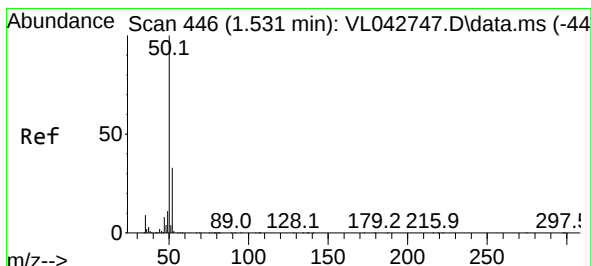
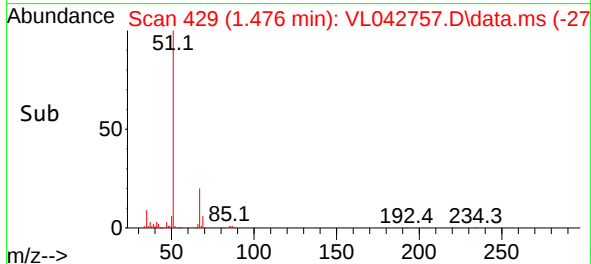
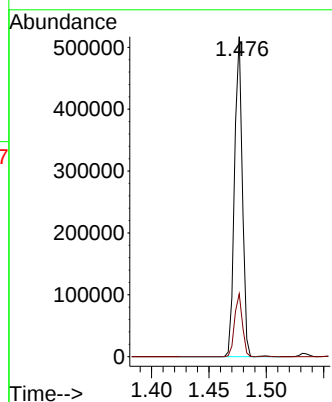
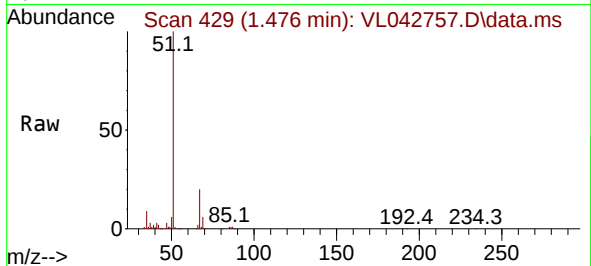
#3
Chlorodifluoromethane
Concen: 9.588 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 24431
Ion Ratio Lower Upper
51 100
67 19.7 15.0 22.6

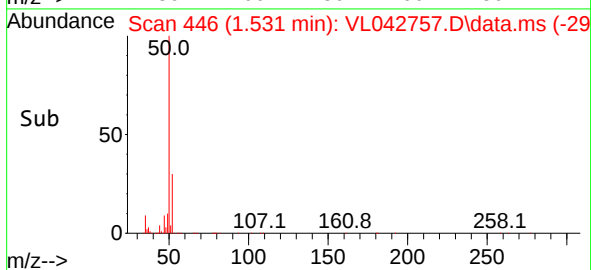
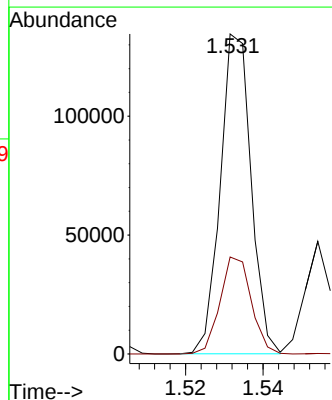
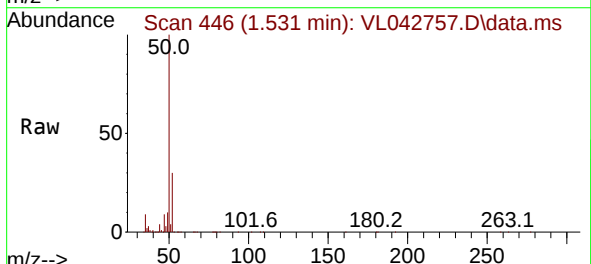
Manual Integrations
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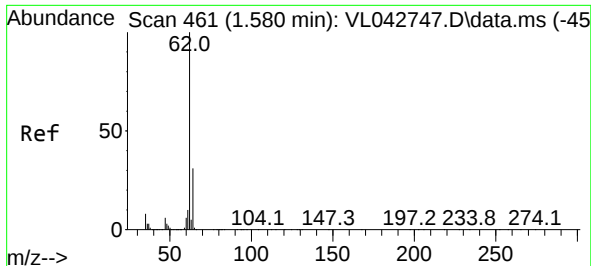
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#4
Chloromethane
Concen: 9.393 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Tgt Ion: 50 Resp: 74335
Ion Ratio Lower Upper
50 100
52 30.3 26.6 40.0





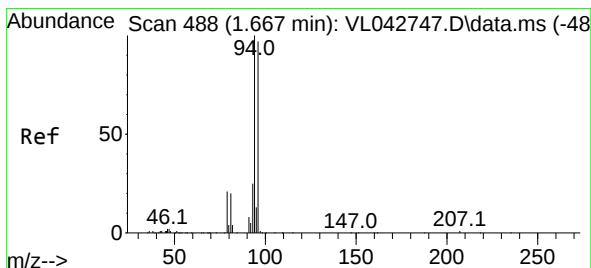
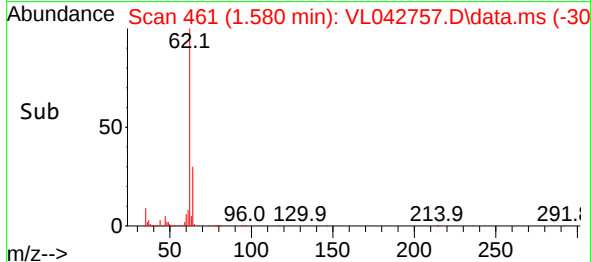
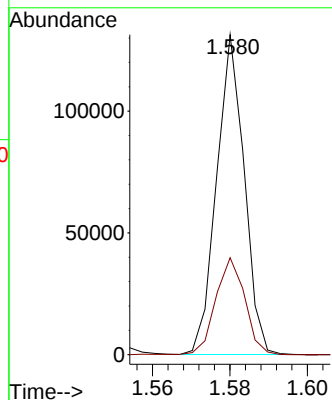
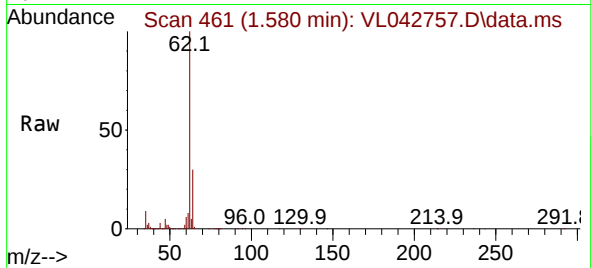
#5
 Vinyl Chloride
 Concen: 8.321 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 65064
 Ion Ratio Lower Upper
 62 100
 64 30.2 24.5 36.7

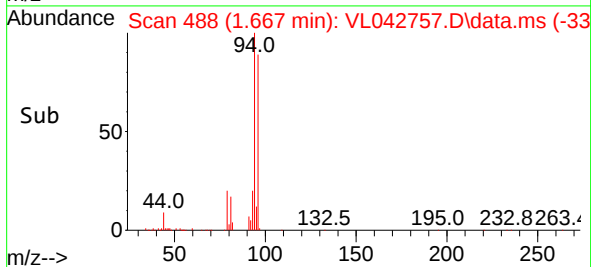
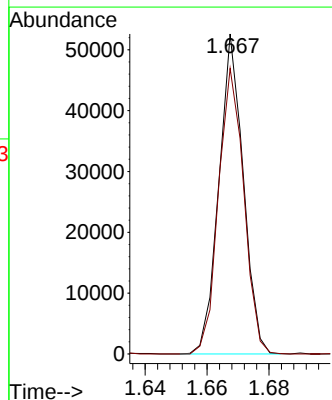
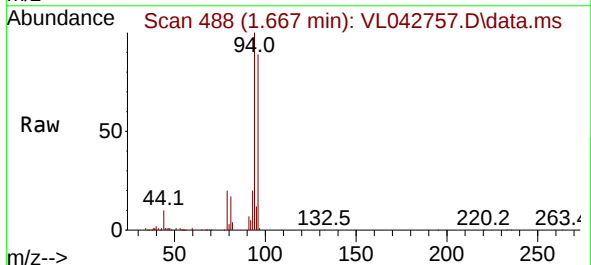
Manual Integrations
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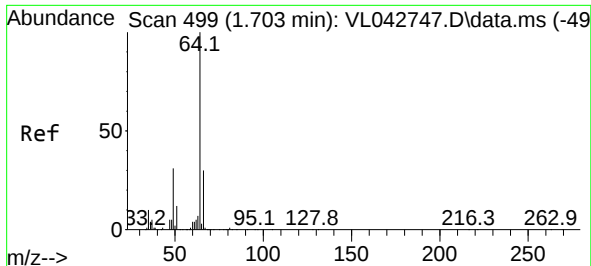
Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025



#6
 Bromomethane
 Concen: 9.490 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

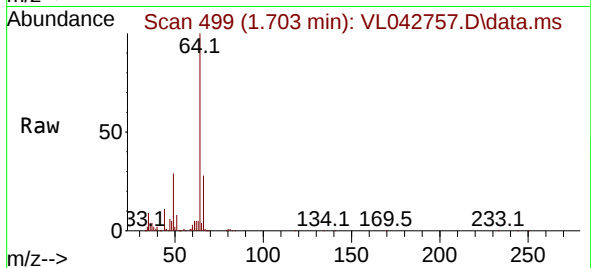
Tgt Ion: 94 Resp: 28685
 Ion Ratio Lower Upper
 94 100
 96 89.3 77.6 116.4





#7
Chloroethane
Concen: 9.119 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

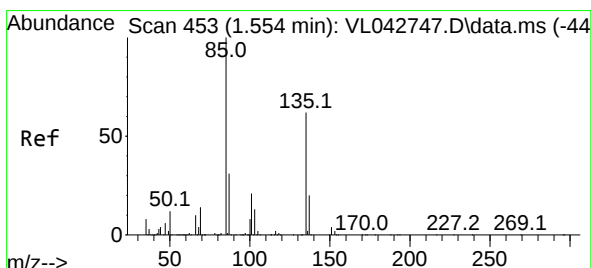
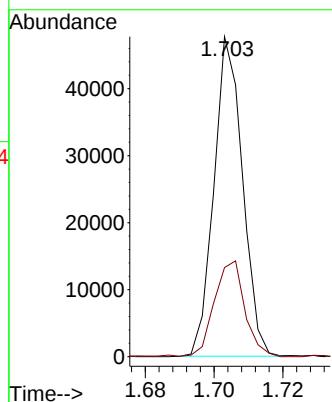
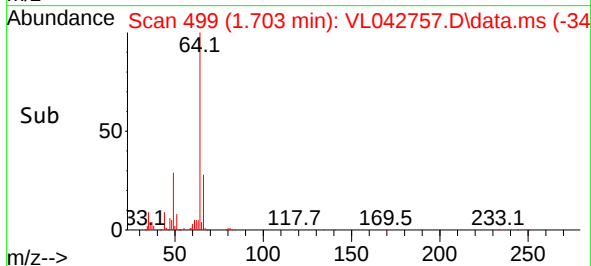
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010



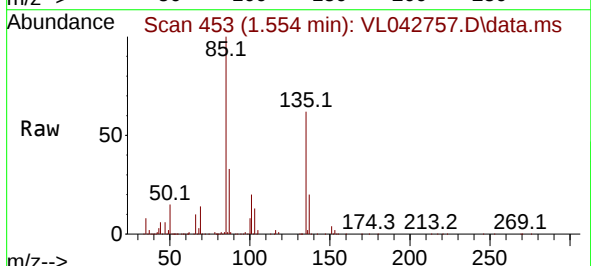
Tgt Ion: 64 Resp: 27550
Ion Ratio Lower Upper
64 100
66 27.8 24.1 36.1

Manual Integrations
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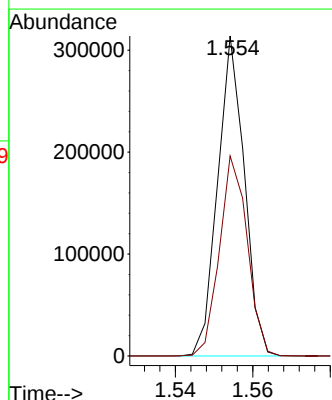
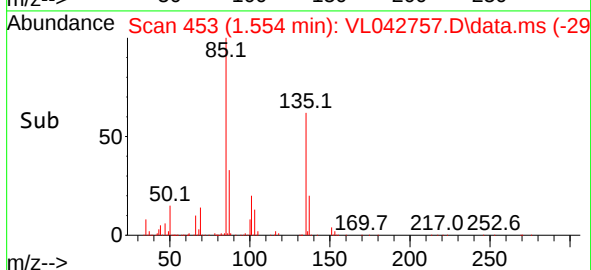
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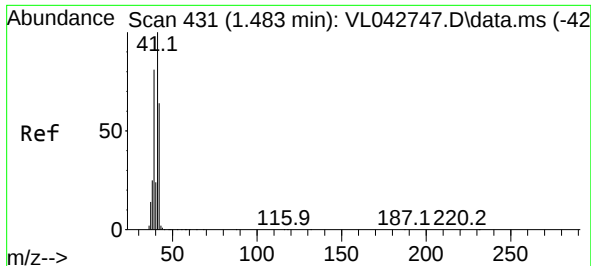


#8
Dichlorotetrafluoroethane
Concen: 9.339 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



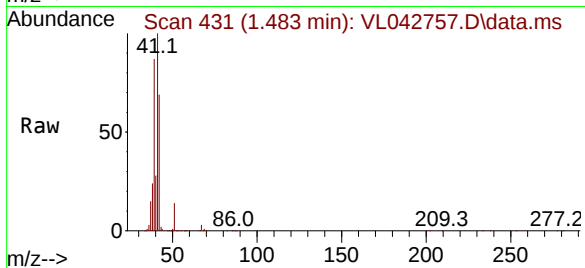
Tgt Ion: 85 Resp: 150238
Ion Ratio Lower Upper
85 100
135 65.3 50.6 76.0





#9
 Propene
 Concen: 9.491 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

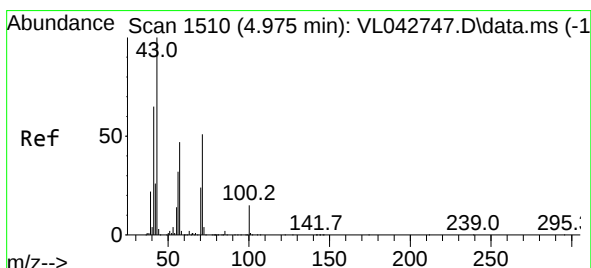
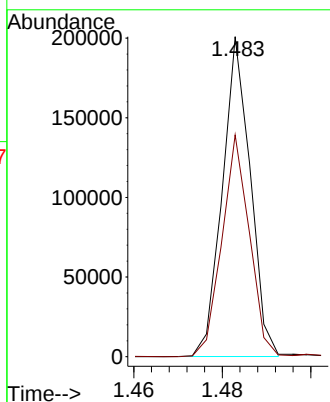
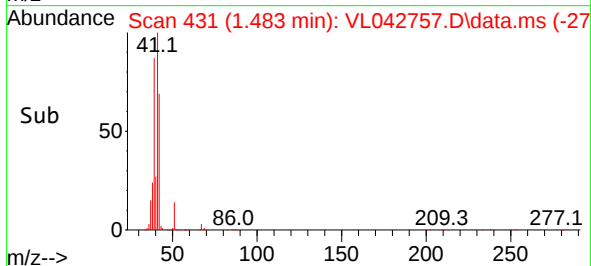
Instrument :
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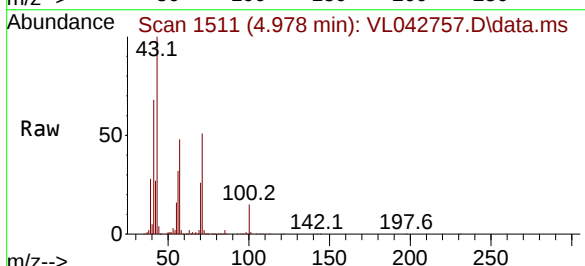
Tgt Ion: 41 Resp: 8790
 Ion Ratio Lower Upper
 41 100
 42 69.8 53.2 79.8

Manual Integrations
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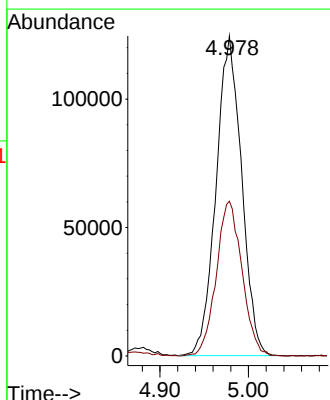
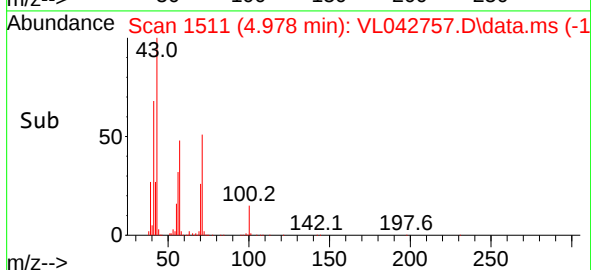
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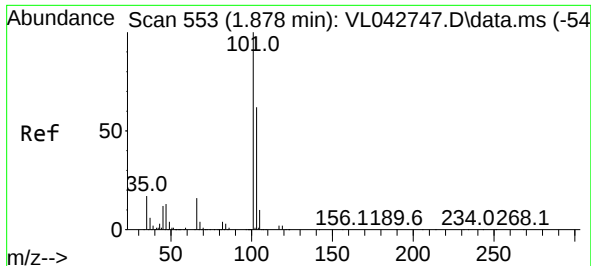


#10
 Heptane
 Concen: 9.984 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. 0.003 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23



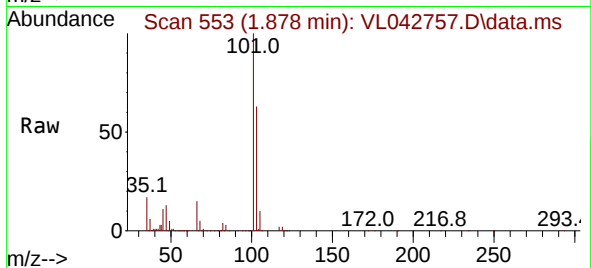
Tgt Ion: 43 Resp: 249314
 Ion Ratio Lower Upper
 43 100
 57 48.8 39.9 59.9





#11
 Trichlorofluoromethane
 Concen: 9.612 ppbv
 RT: 1.878 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

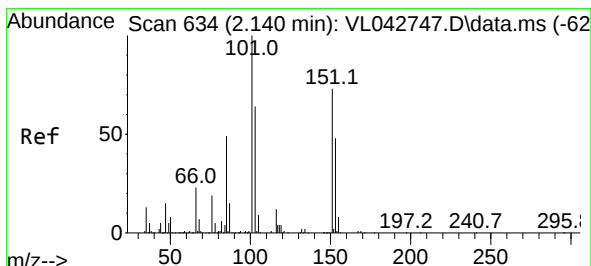
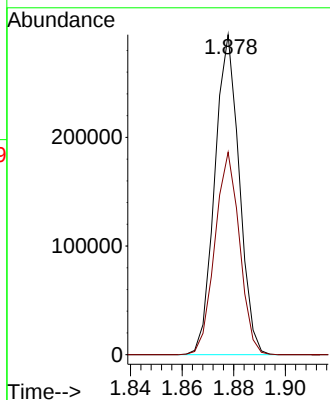
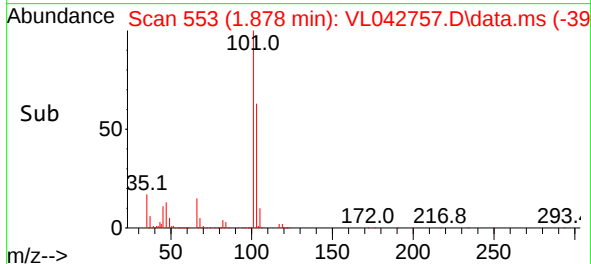
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



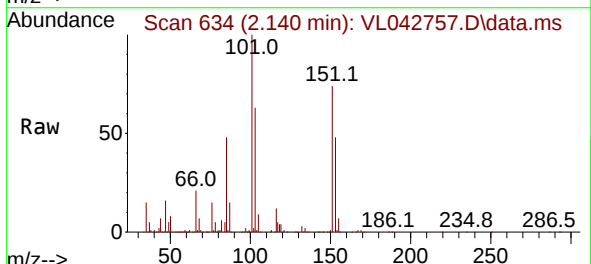
Tgt Ion:101 Resp: 193823
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.6 74.4

Manual Integrations
 APPROVED

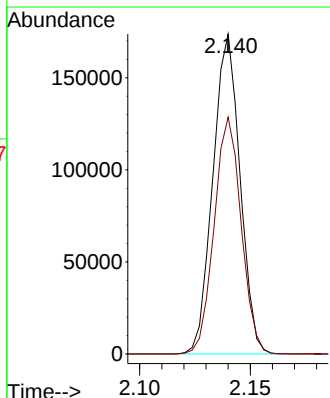
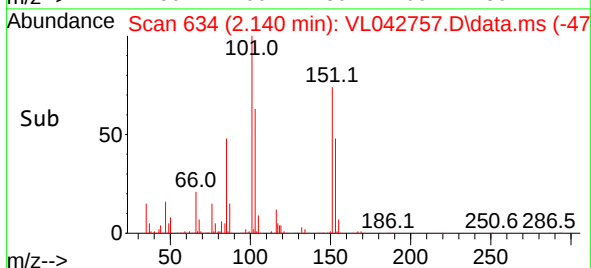
Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

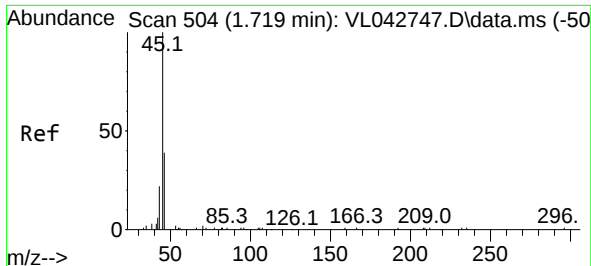


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.666 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23



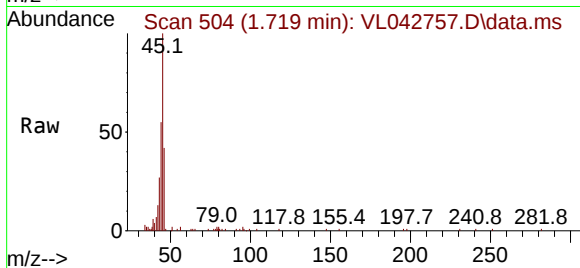
Tgt Ion:101 Resp: 148112
 Ion Ratio Lower Upper
 101 100
 151 73.7 60.5 90.7





#13
Ethanol
Concen: 9.958 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

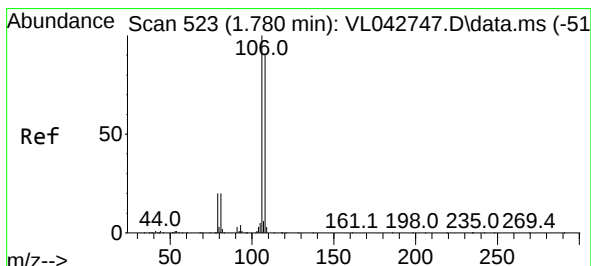
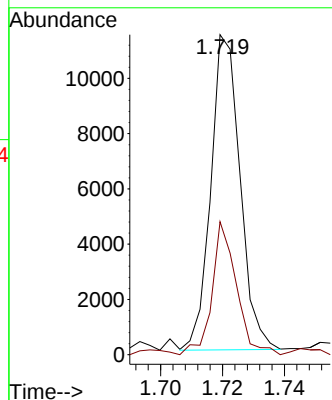
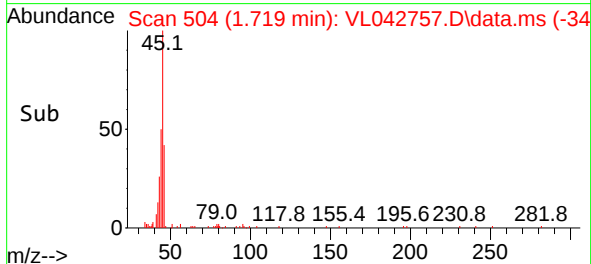
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



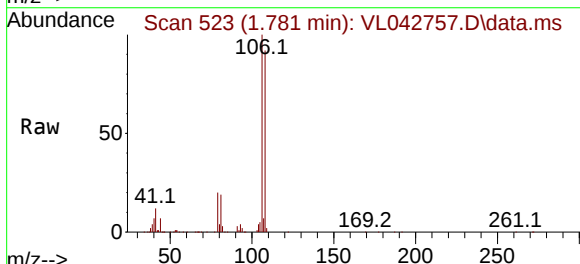
Tgt Ion: 45 Resp: 7492
Ion Ratio Lower Upper
45 100
46 39.3 17.8 71.4

Manual Integrations
APPROVED

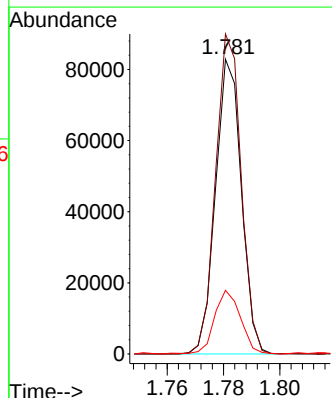
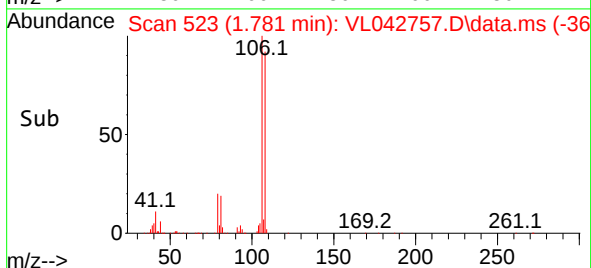
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

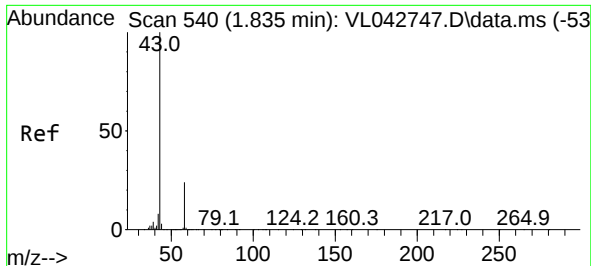


#14
Bromoethene
Concen: 9.757 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



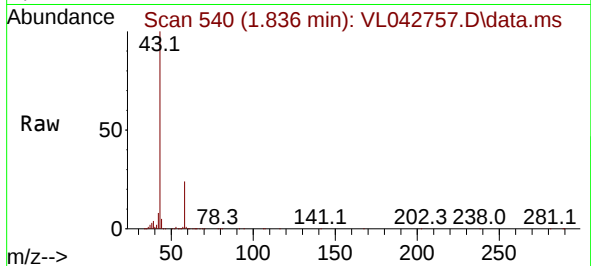
Tgt Ion:108 Resp: 52933
Ion Ratio Lower Upper
108 100
106 107.3 84.7 127.1
79 22.4 17.4 26.2





#15
Acetone
Concen: 7.654 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

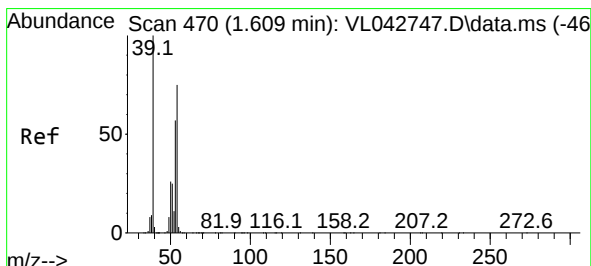
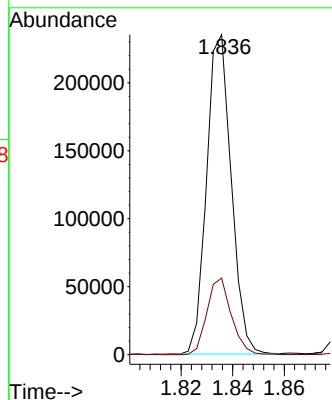
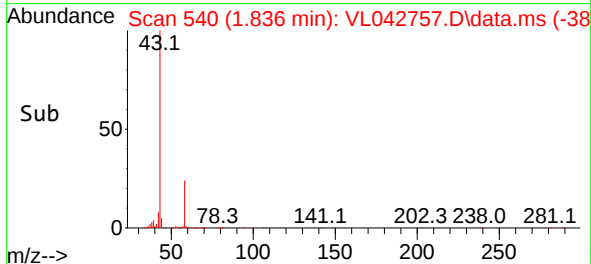
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



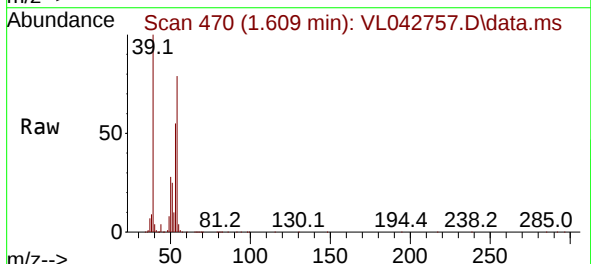
Tgt Ion: 43 Resp: 156379
Ion Ratio Lower Upper
43 100
58 23.9 19.8 29.8

Manual Integrations
APPROVED

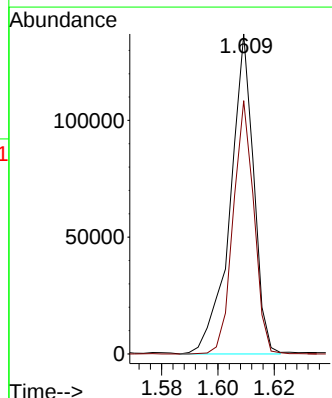
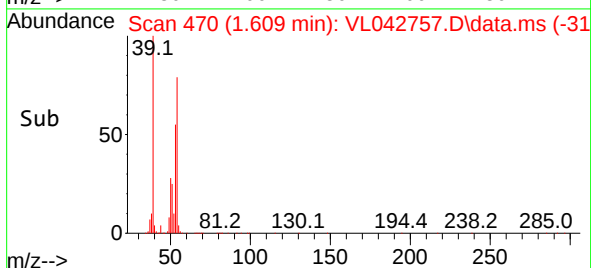
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

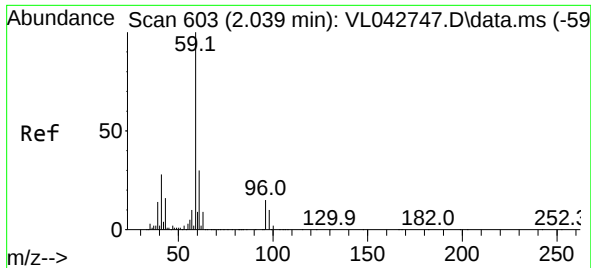


#16
1,3-Butadiene
Concen: 9.129 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



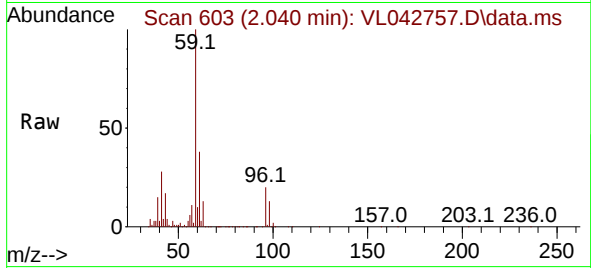
Tgt Ion: 39 Resp: 79550
Ion Ratio Lower Upper
39 100
54 69.6 54.5 81.7





#17
tert-Butyl alcohol
Concen: 9.563 ppbv
RT: 2.040 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

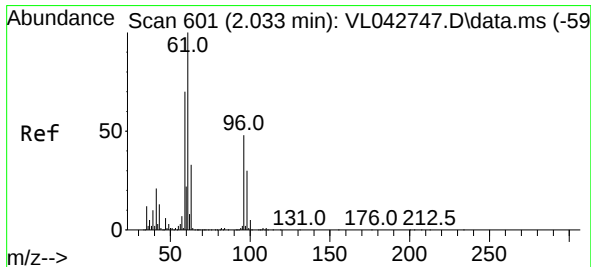
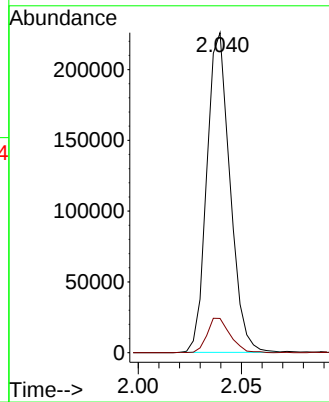
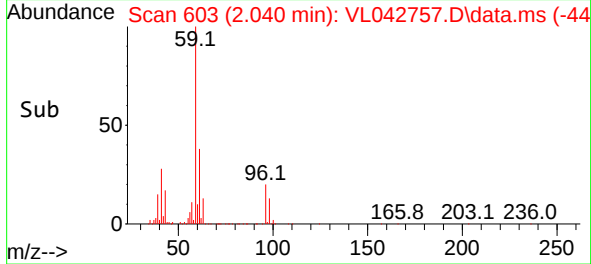
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



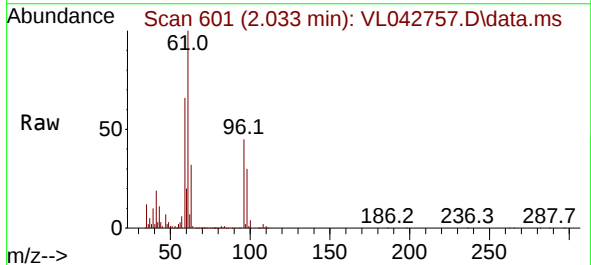
Tgt Ion: 59 Resp: 176200
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
APPROVED

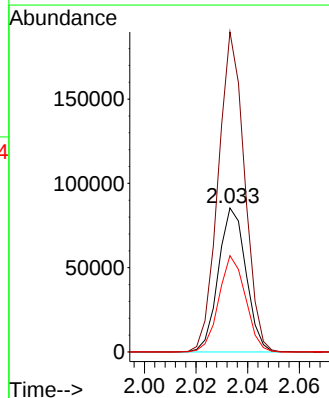
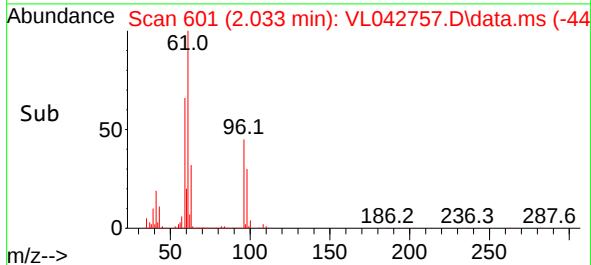
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

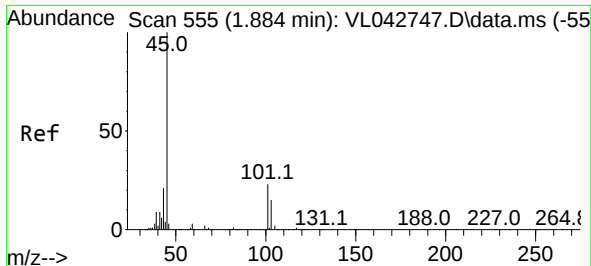


#18
1,1-Dichloroethene
Concen: 9.158 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



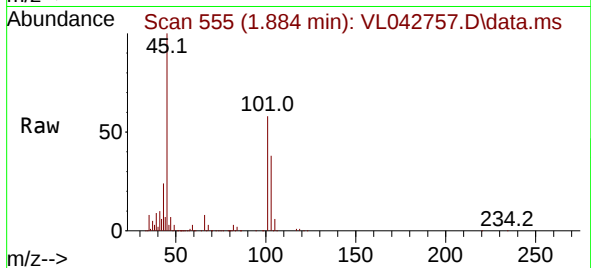
Tgt Ion: 96 Resp: 63402
Ion Ratio Lower Upper
96 100
61 222.1 165.8 248.6
98 67.0 49.9 74.9





#19
Isopropyl Alcohol
Concen: 9.108 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

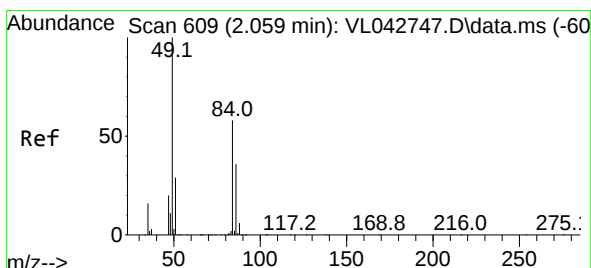
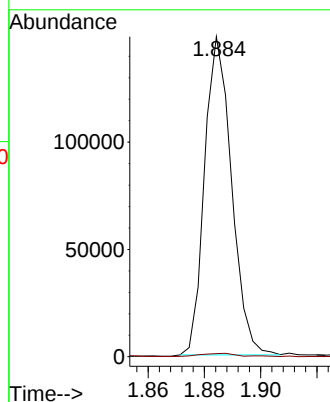
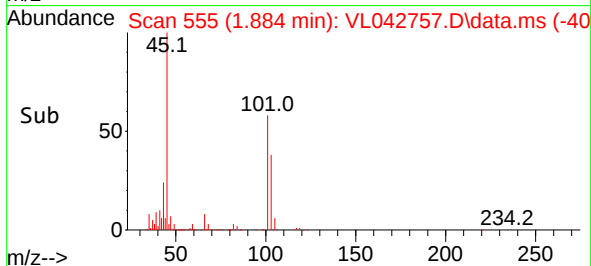
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



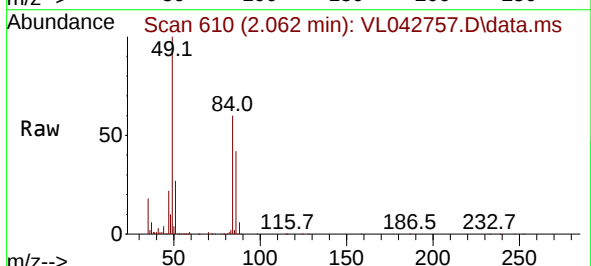
Tgt Ion: 45 Resp: 98884
Ion Ratio Lower Upper
45 100
58 1.7 30.0 45.0

Manual Integrations
APPROVED

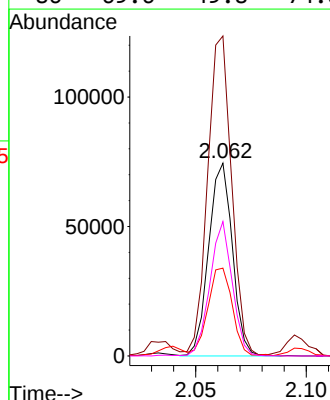
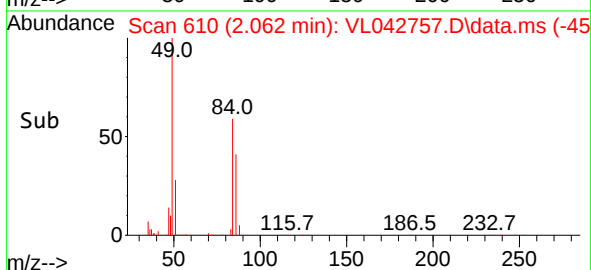
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

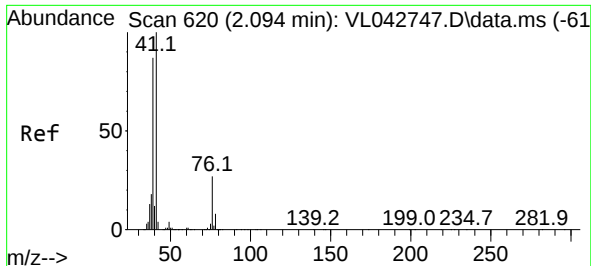


#20
Methylene Chloride
Concen: 8.643 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



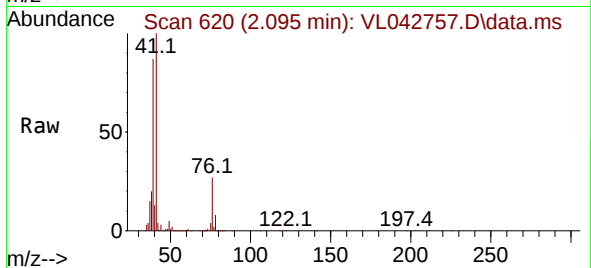
Tgt Ion: 84 Resp: 55642
Ion Ratio Lower Upper
84 100
49 163.9 138.6 208.0
51 44.6 40.6 61.0
86 69.6 49.8 74.8





#21
 Allyl Chloride
 Concen: 9.778 ppbv
 RT: 2.095 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

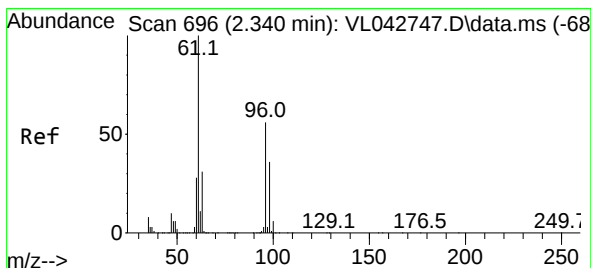
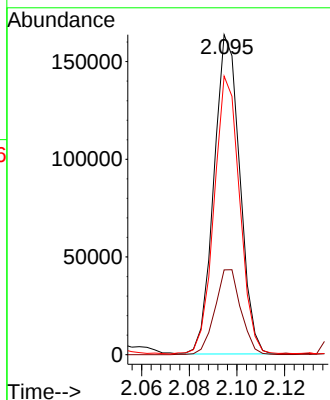
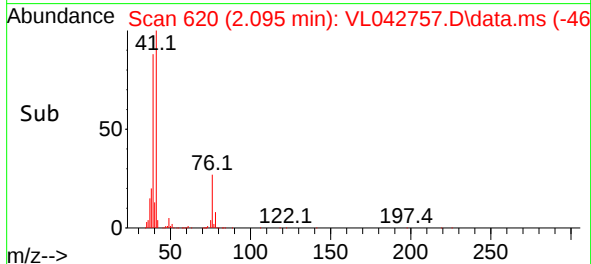
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



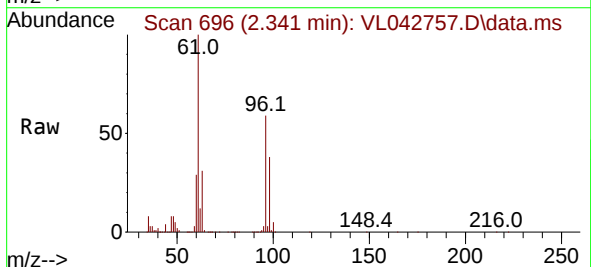
Tgt Ion: 41 Resp: 123118
 Ion Ratio Lower Upper
 41 100
 76 26.7 21.1 31.7
 39 86.4 68.3 102.5

Manual Integrations
 APPROVED

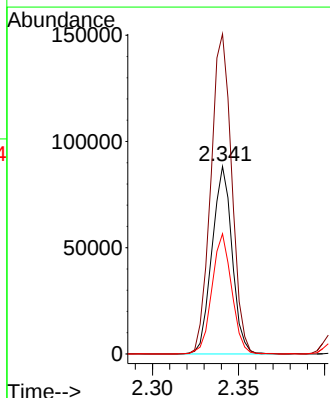
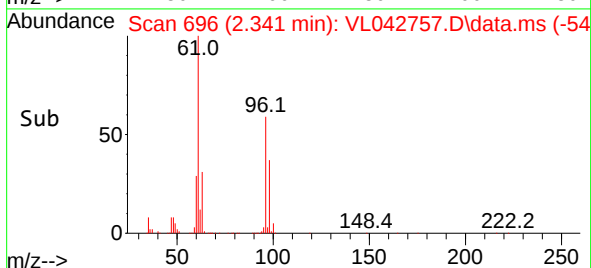
Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

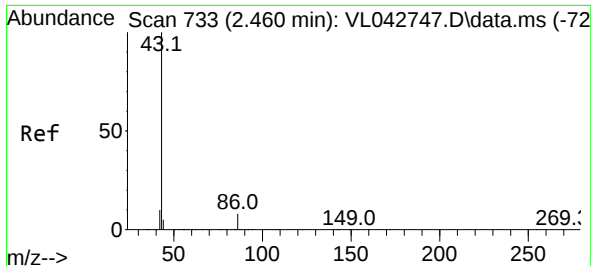


#22
 trans-1,2-Dichloroethene
 Concen: 9.641 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23



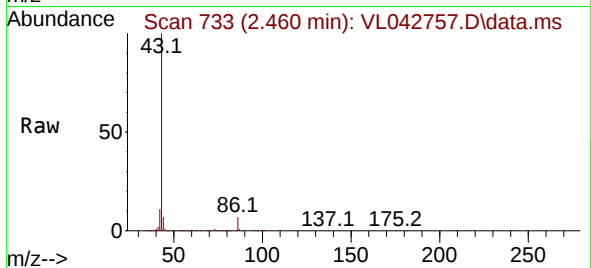
Tgt Ion: 96 Resp: 71805
 Ion Ratio Lower Upper
 96 100
 61 170.6 142.3 213.5
 98 64.1 50.6 76.0





#23
 Vinyl Acetate
 Concen: 10.279 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

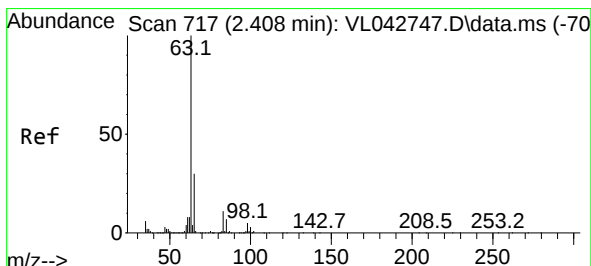
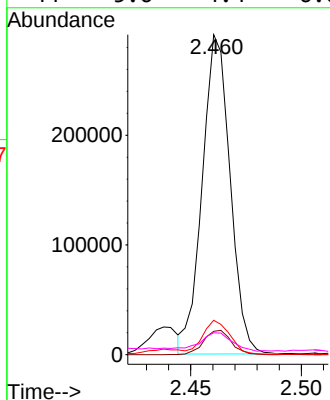
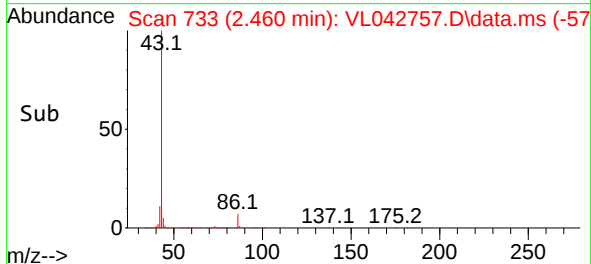
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



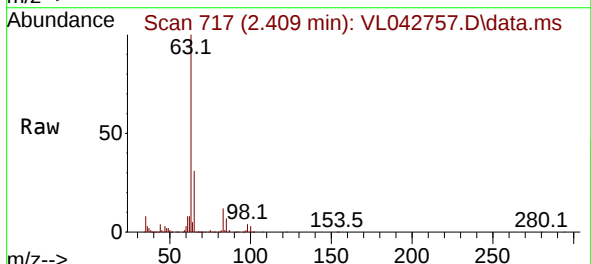
Tgt Ion: 43 Resp: 254582
 Ion Ratio Lower Upper
 43 100
 86 7.3 6.1 9.1
 42 10.7 7.8 11.8
 44 5.6 4.4 6.6

Manual Integrations
 APPROVED

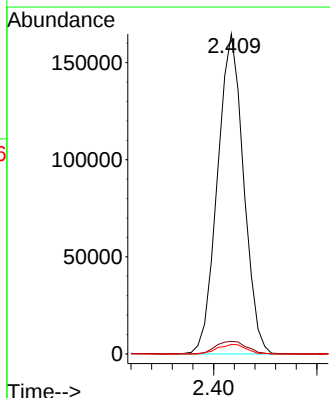
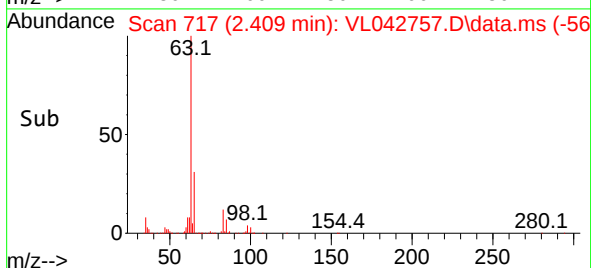
Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

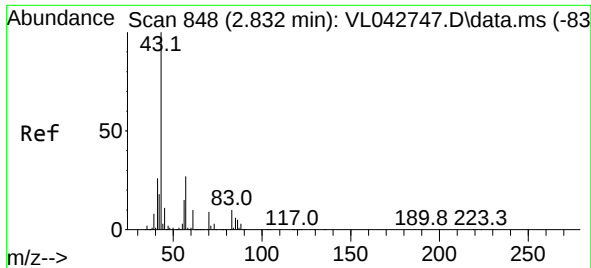


#24
 1,1-Dichloroethane
 Concen: 9.481 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23



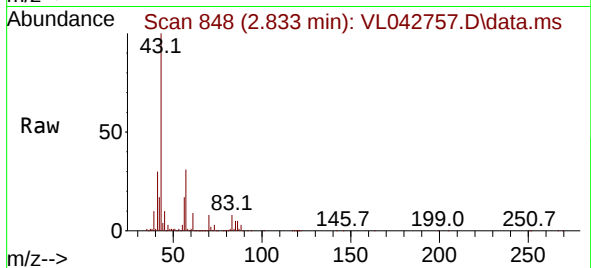
Tgt Ion: 63 Resp: 144940
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.5 7.4
 100 3.0 1.6 4.8





#25
Ethyl Acetate
Concen: 9.735 ppbv
RT: 2.833 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

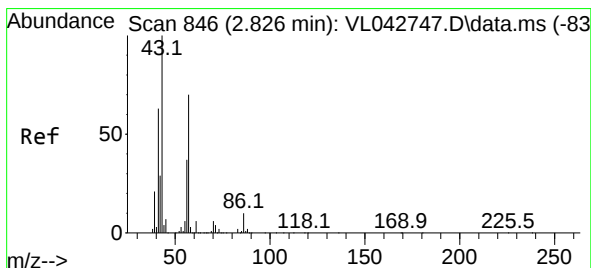
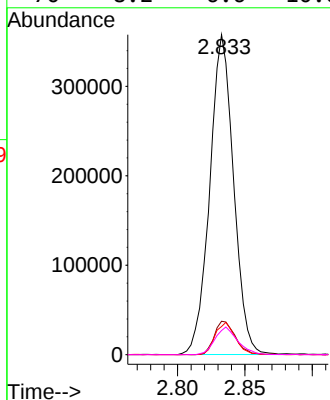
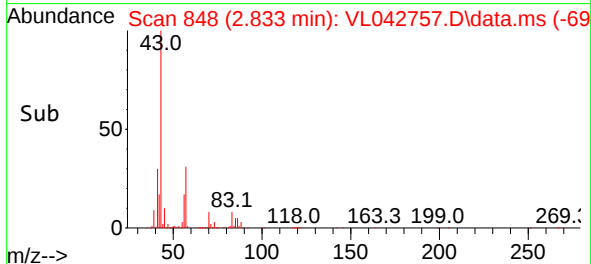
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



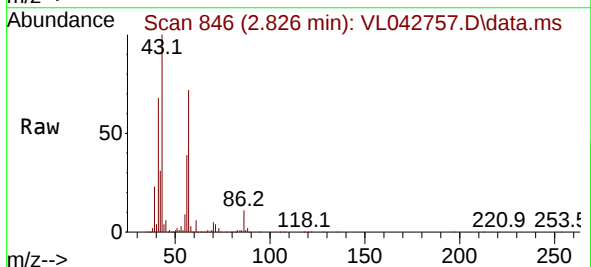
Tgt Ion: 43 Resp: 440225
Ion Ratio Lower Upper
43 100
45 9.4 7.8 11.6
61 8.7 6.7 10.1
70 8.2 6.6 10.0

Manual Integrations
APPROVED

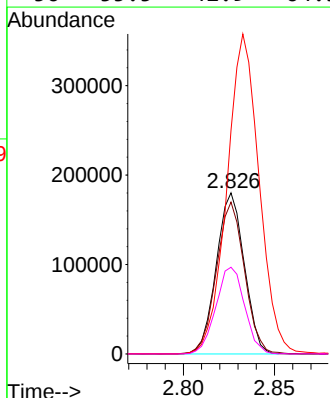
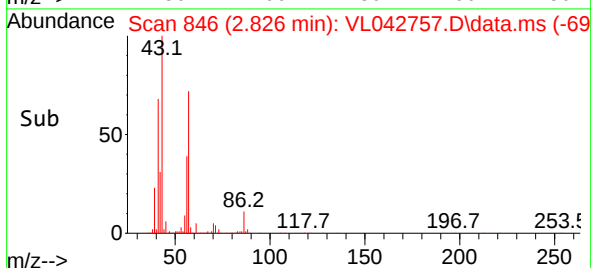
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

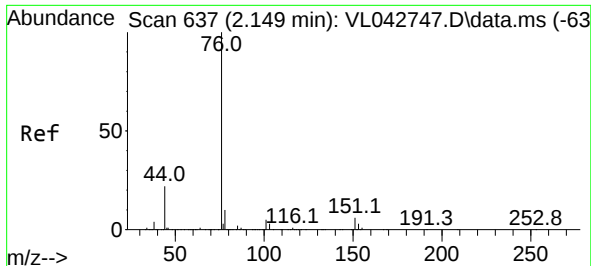


#26
Hexane
Concen: 9.663 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



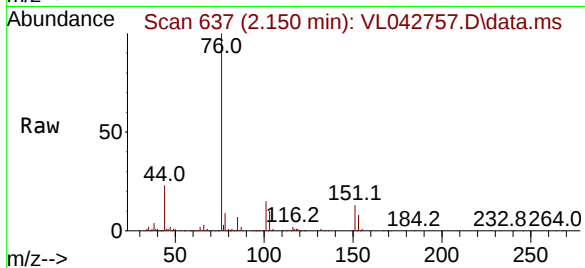
Tgt Ion: 57 Resp: 191695
Ion Ratio Lower Upper
57 100
41 95.2 75.4 113.2
43 231.3 185.0 277.6
56 55.5 42.9 64.3





#27
Carbon Disulfide
Concen: 10.077 ppbv
RT: 2.150 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

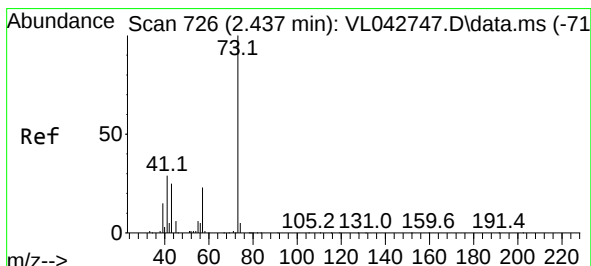
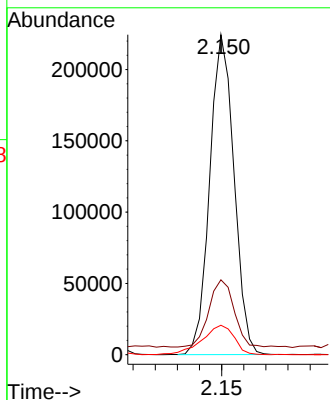
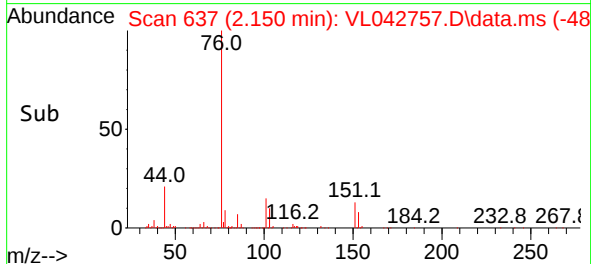
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



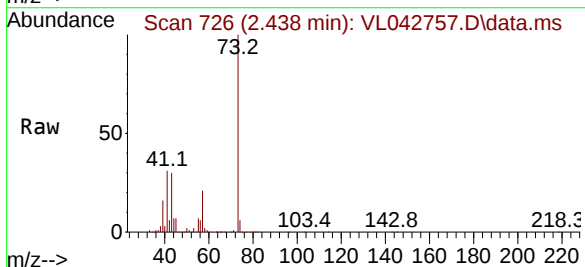
Tgt Ion: 76 Resp: 171134
Ion Ratio Lower Upper
76 100
44 24.4 19.3 28.9
78 12.2 9.9 14.9

Manual Integrations
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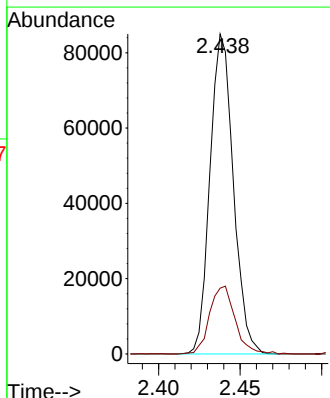
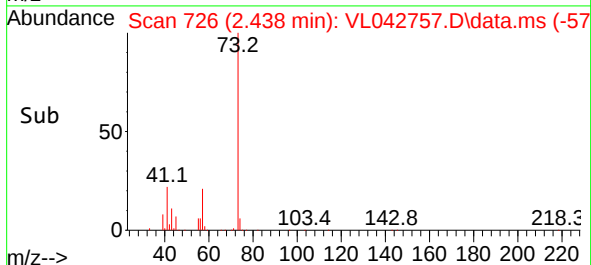
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

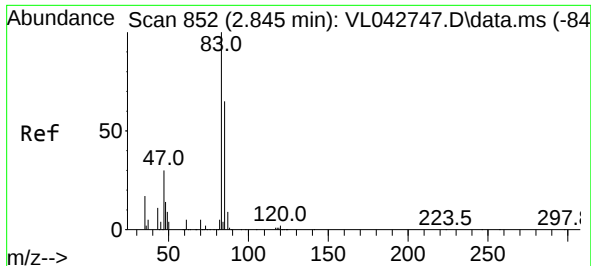


#28
Methyl tert-Butyl Ether
Concen: 9.034 ppbv
RT: 2.438 min Scan# 726
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



Tgt Ion: 73 Resp: 84661
Ion Ratio Lower Upper
73 100
57 23.2 19.8 29.8





#29

Chloroform

Concen: 9.669 ppbv

RT: 2.849 min Scan# 853

Delta R.T. 0.003 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 296370

Ion Ratio Lower Upper

83 100

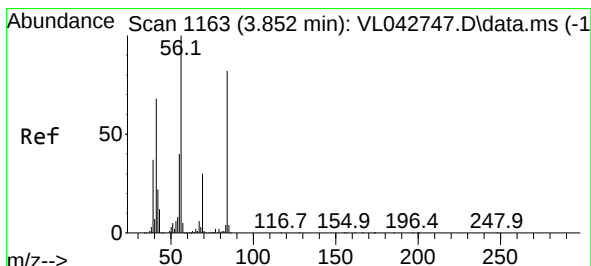
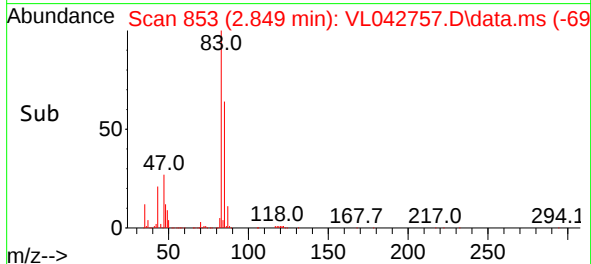
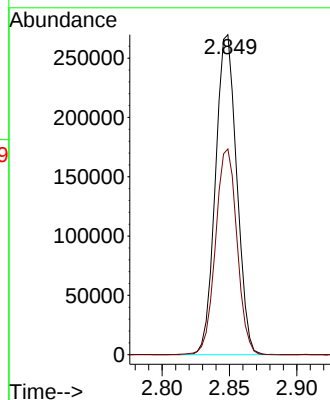
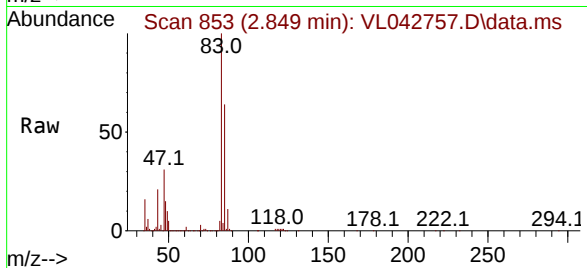
85 64.3 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#30

Cyclohexane

Concen: 9.735 ppbv

RT: 3.859 min Scan# 1165

Delta R.T. 0.007 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

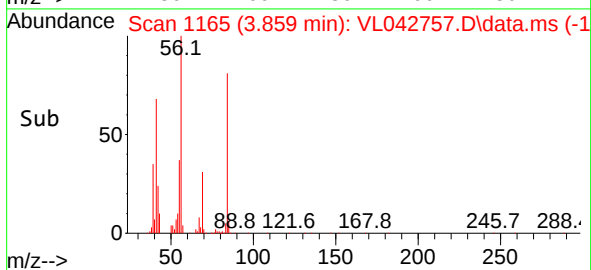
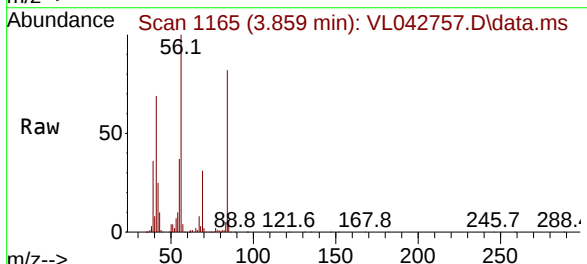
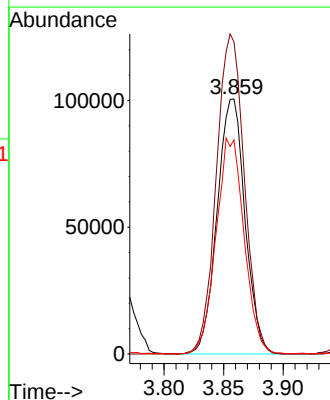
Tgt Ion: 84 Resp: 163787

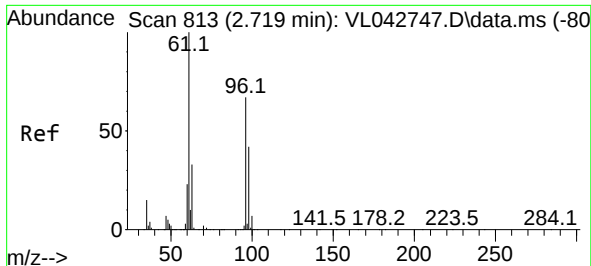
Ion Ratio Lower Upper

84 100

56 125.7 97.5 146.3

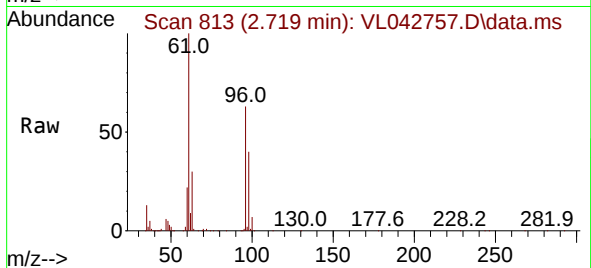
41 85.4 67.2 100.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.769 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

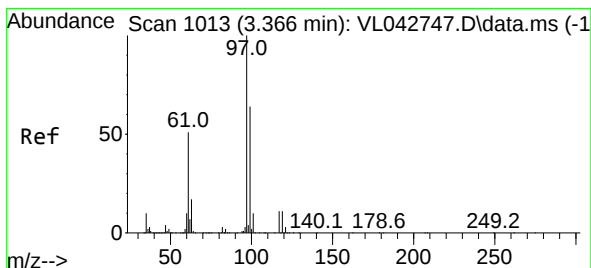
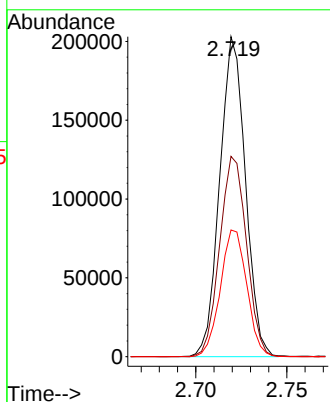
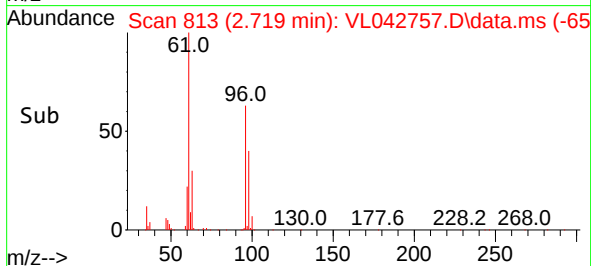
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



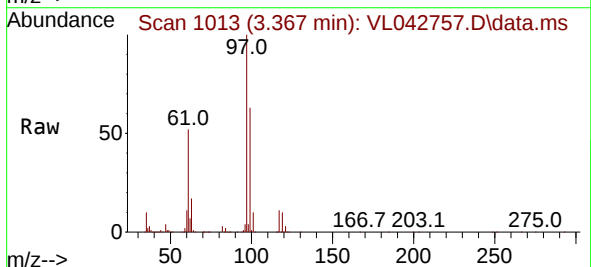
Tgt Ion: 61 Resp: 199128
 Ion Ratio Lower Upper
 61 100
 96 62.6 53.5 80.3
 98 39.6 33.6 50.4

Manual Integrations
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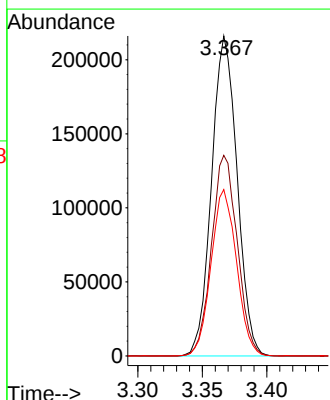
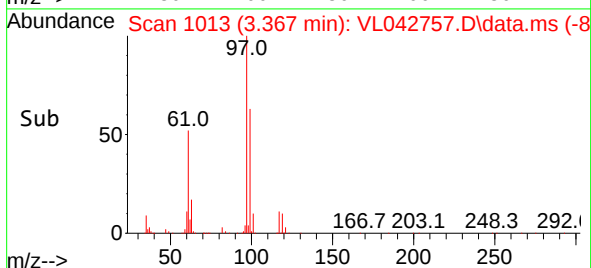
Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

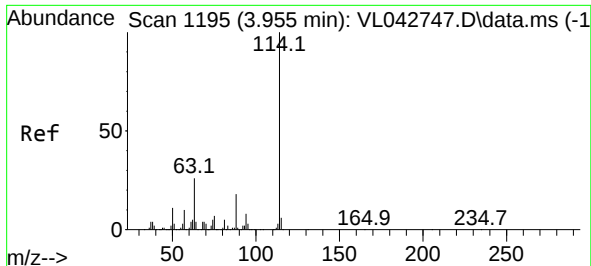


#32
 1,1,1-Trichloroethane
 Concen: 9.316 ppbv
 RT: 3.367 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23



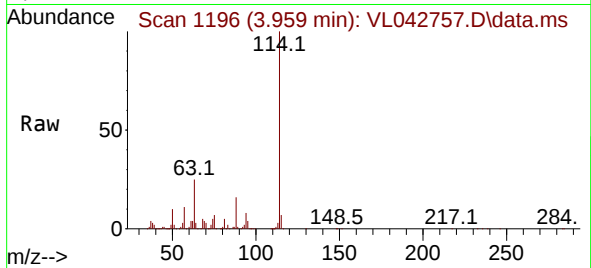
Tgt Ion: 97 Resp: 297466
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.0 76.6
 61 52.0 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

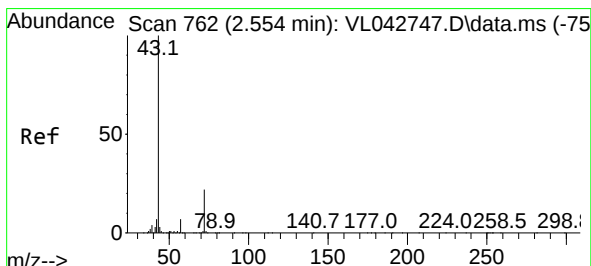
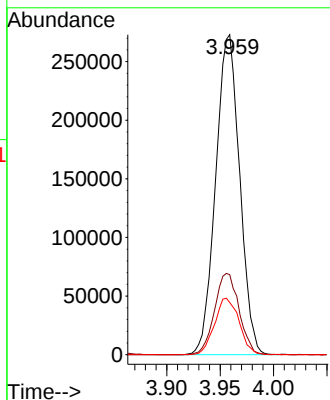
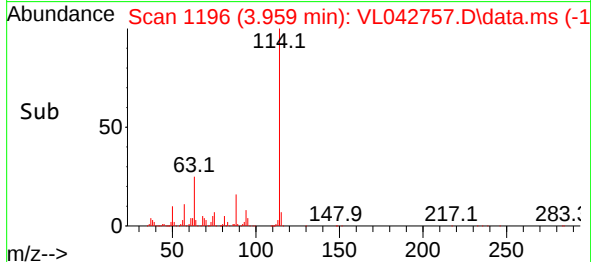
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



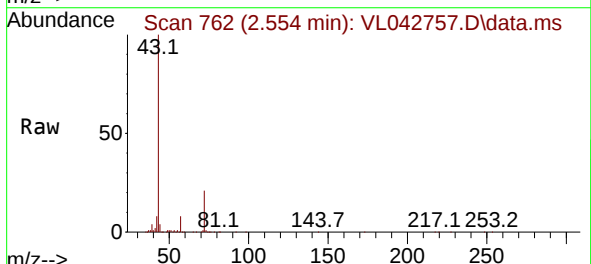
Tgt Ion:114 Resp: 427210
Ion Ratio Lower Upper
114 100
63 25.9 20.5 30.7
88 18.1 14.0 21.0

Manual Integrations
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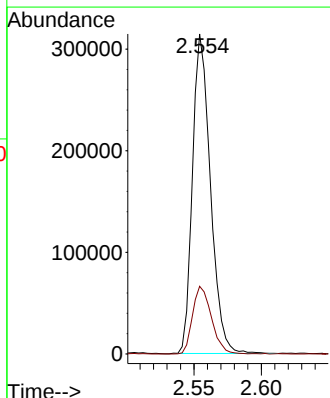
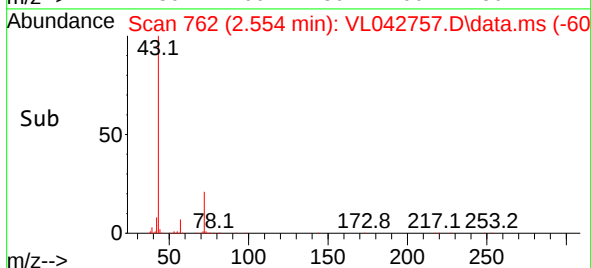
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

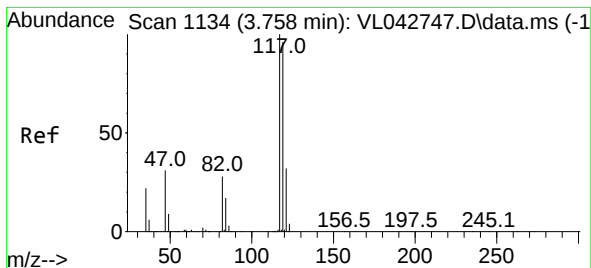


#34
2-Butanone
Concen: 9.619 ppbv
RT: 2.554 min Scan# 762
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



Tgt Ion: 43 Resp: 291075
Ion Ratio Lower Upper
43 100
72 22.5 17.4 26.0





#35

Carbon Tetrachloride

Concen: 9.908 ppbv

RT: 3.761 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

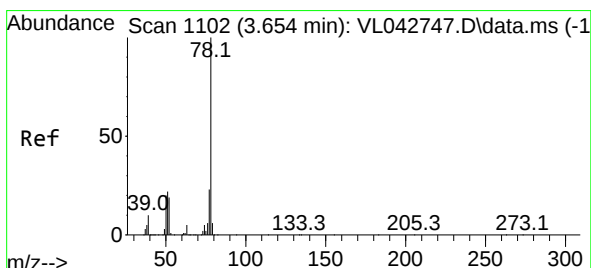
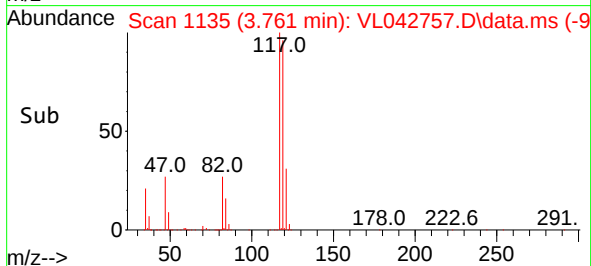
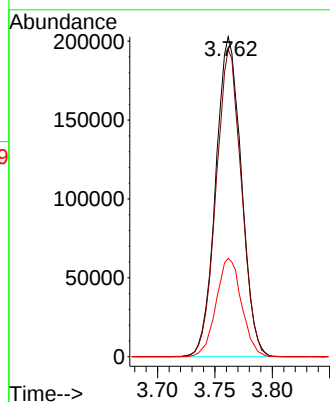
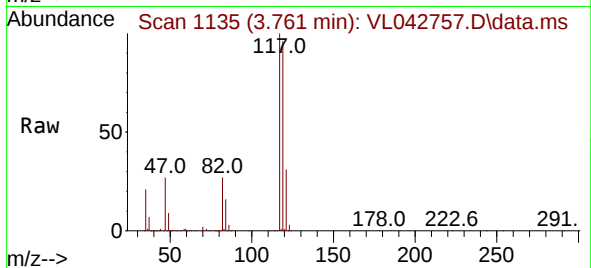
Tgt Ion: 117 Resp: 314409

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
121	30.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#36

Benzene

Concen: 9.711 ppbv

RT: 3.655 min Scan# 1102

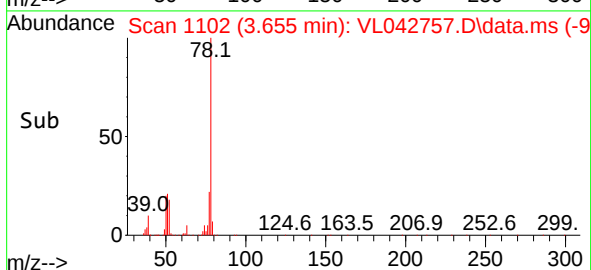
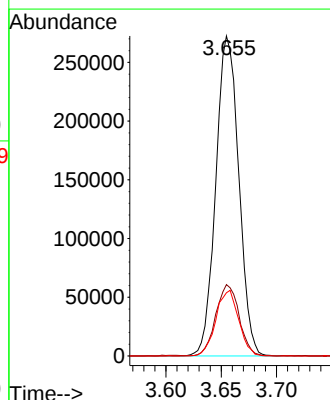
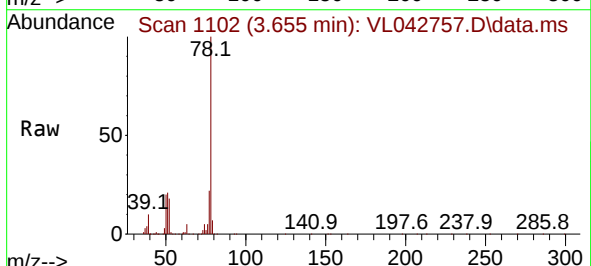
Delta R.T. 0.000 min

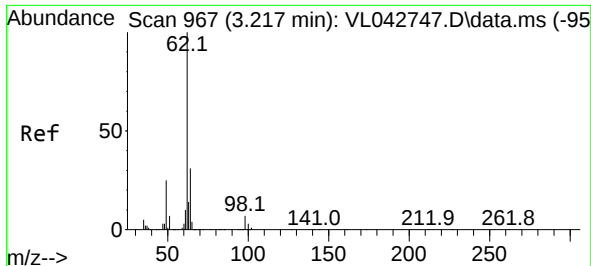
Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Tgt Ion: 78 Resp: 393168

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.5	27.7
50	19.8	16.2	24.2





#37

1,2-Dichloroethane

Concen: 9.914 ppbv

RT: 3.218 min Scan# 9

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 241809

Ion Ratio Lower Upper

62 100

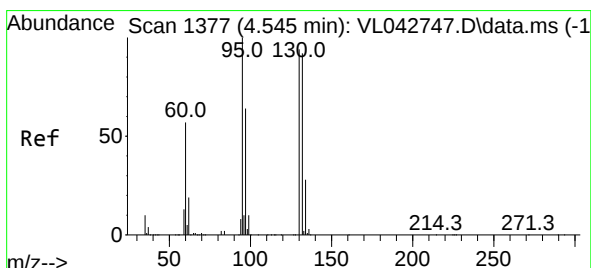
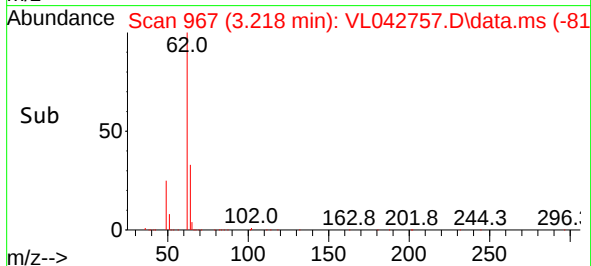
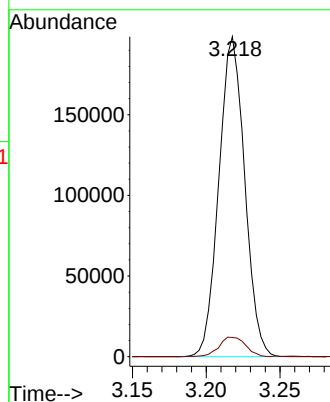
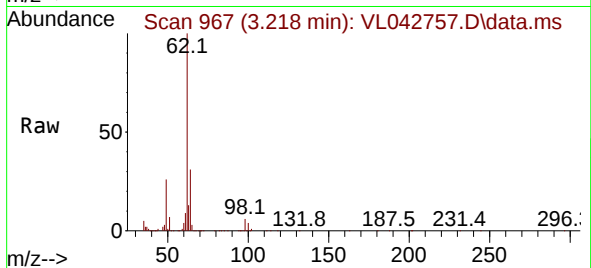
98 6.4 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#38

Trichloroethene

Concen: 8.945 ppbv

RT: 4.545 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Tgt Ion:130 Resp: 173991

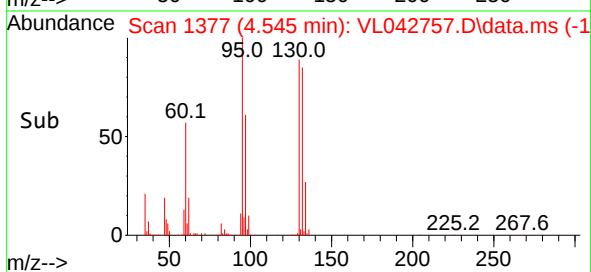
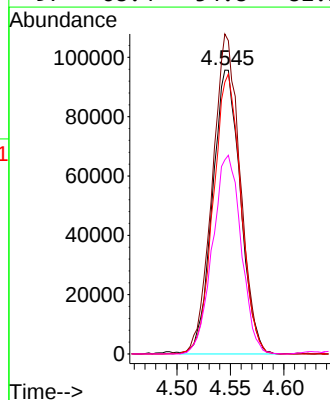
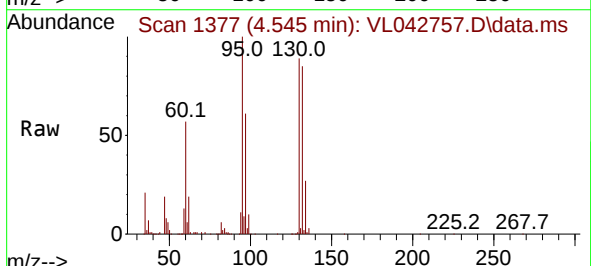
Ion Ratio Lower Upper

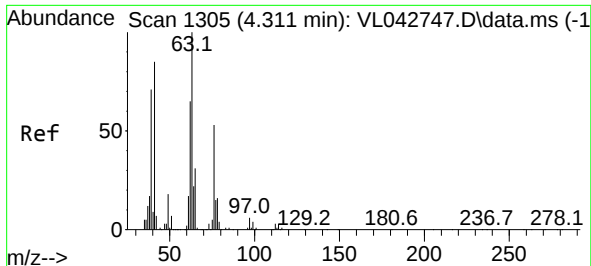
130 100

95 112.7 85.4 128.2

132 95.7 78.2 117.2

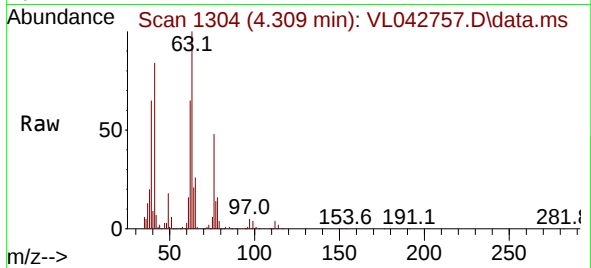
97 68.4 54.8 82.2





#39
1,2-Dichloropropane
Concen: 9.637 ppbv
RT: 4.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

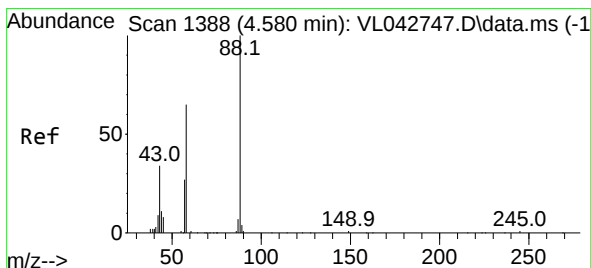
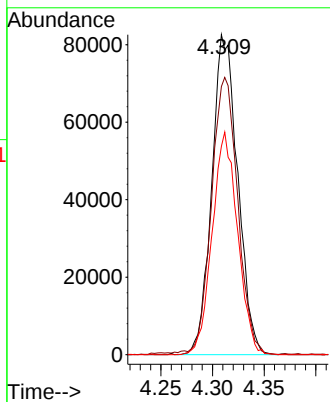
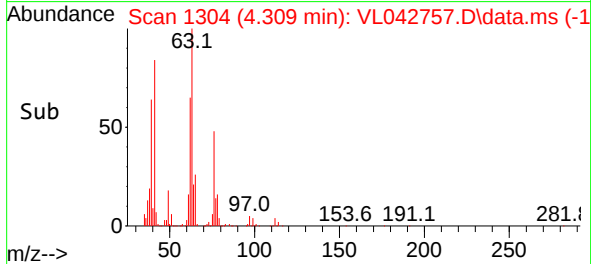
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 14402
Ion Ratio Lower Upper
63 100
41 83.7 68.2 102.4
62 65.1 52.0 78.0

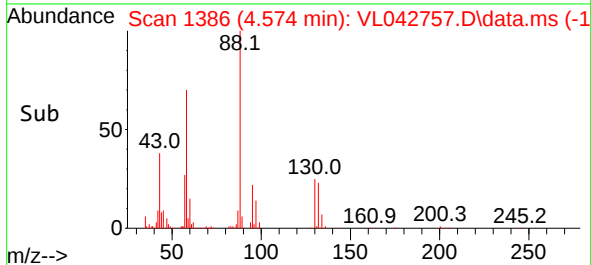
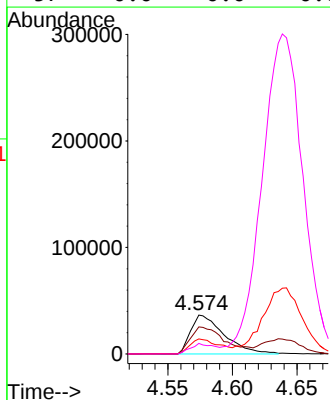
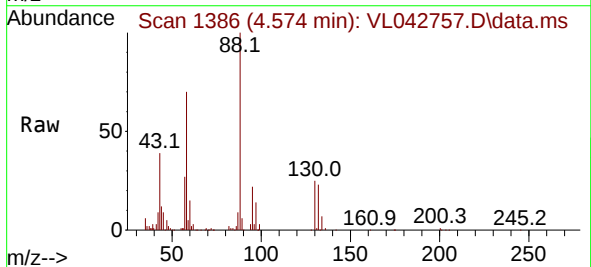
Manual Integrations
APPROVED

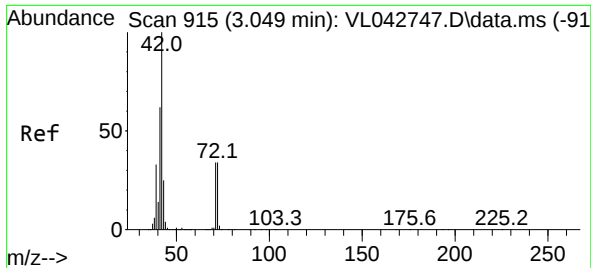
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#40
1,4-Dioxane
Concen: 9.450 ppbv
RT: 4.574 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

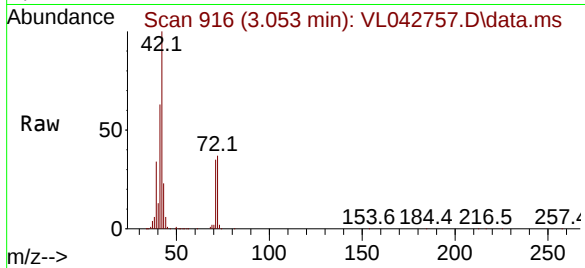
Tgt Ion: 88 Resp: 65828
Ion Ratio Lower Upper
88 100
58 69.2 58.8 88.2
43 35.3 28.9 43.3
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.290 ppbv
RT: 3.053 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

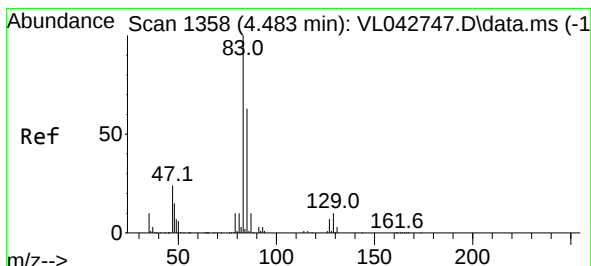
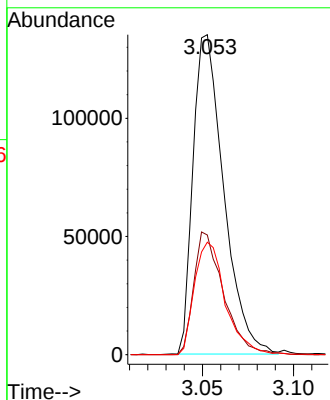
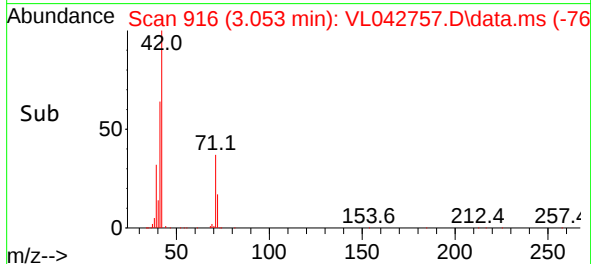
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



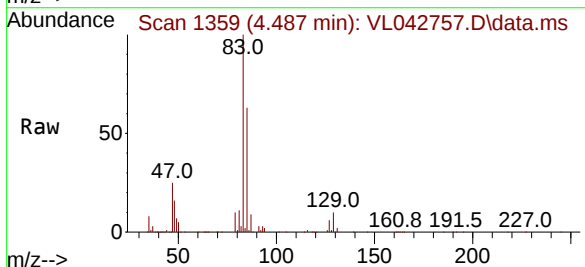
Tgt Ion: 42 Resp: 158450
Ion Ratio Lower Upper
42 100
72 37.2 30.9 46.3
71 35.8 28.6 43.0

Manual Integrations
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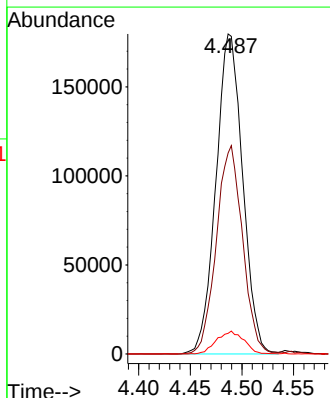
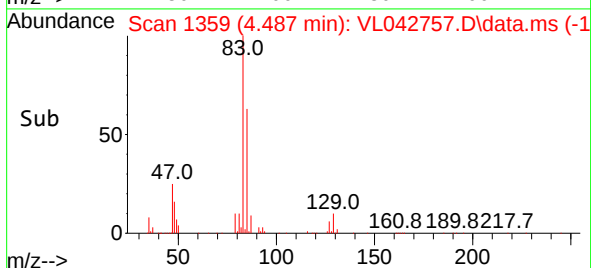
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

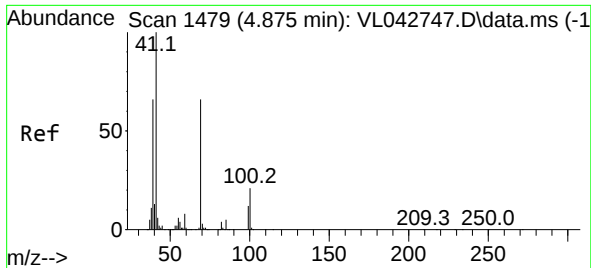


#42
Bromodichloromethane
Concen: 10.190 ppbv
RT: 4.487 min Scan# 1359
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



Tgt Ion: 83 Resp: 323680
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 6.4 5.4 8.2





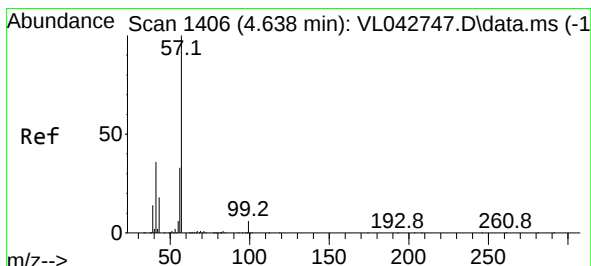
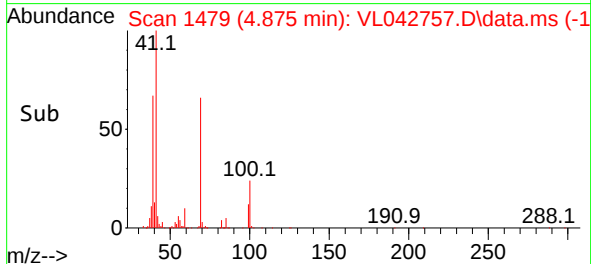
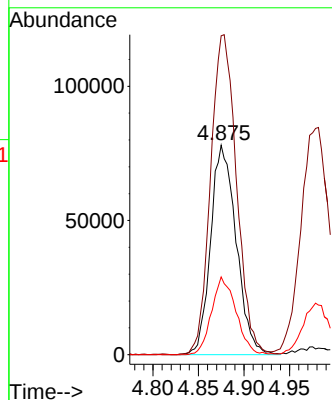
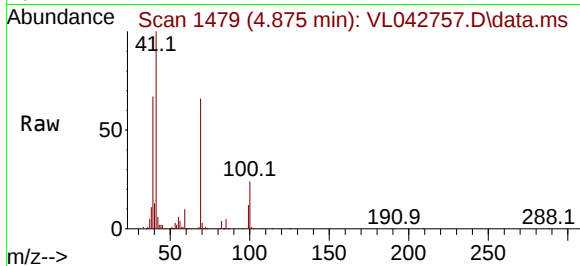
#43
Methyl Methacrylate
Concen: 10.582 ppbv
RT: 4.875 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 152285
Ion Ratio Lower Upper
69 100
41 154.8 125.7 188.5
100 35.6 28.6 42.8

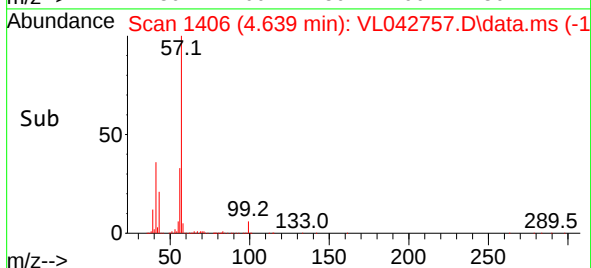
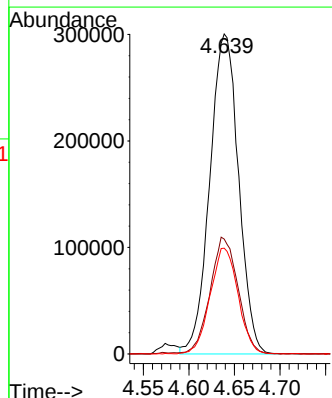
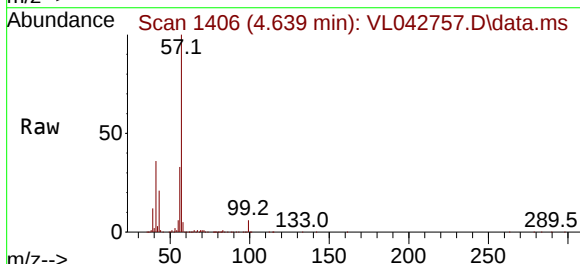
Manual Integrations
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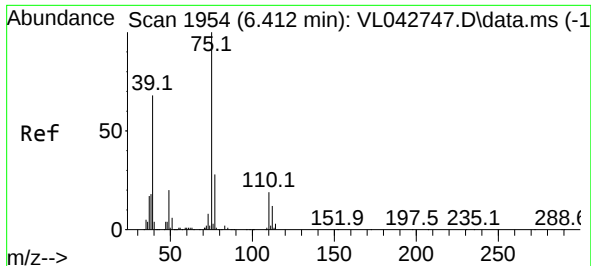
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#44
2,2,4-Trimethylpentane
Concen: 9.990 ppbv
RT: 4.639 min Scan# 1406
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Tgt Ion: 57 Resp: 659271
Ion Ratio Lower Upper
57 100
41 35.9 28.3 42.5
56 32.2 25.8 38.6





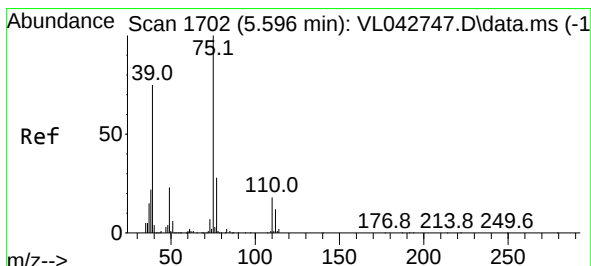
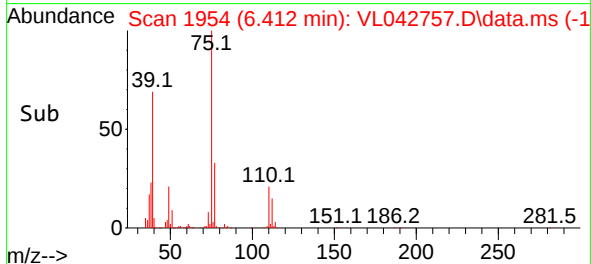
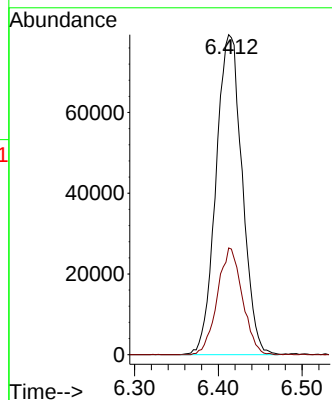
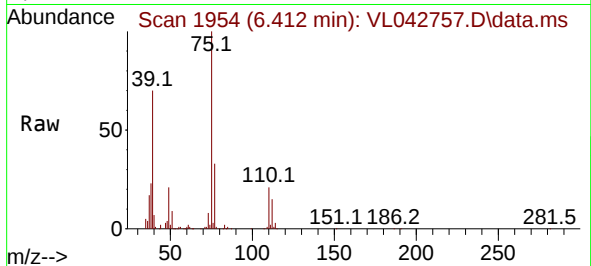
#45
 t-1,3-Dichloropropene
 Concen: 10.662 ppbv
 RT: 6.412 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 17206
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.4 33.6

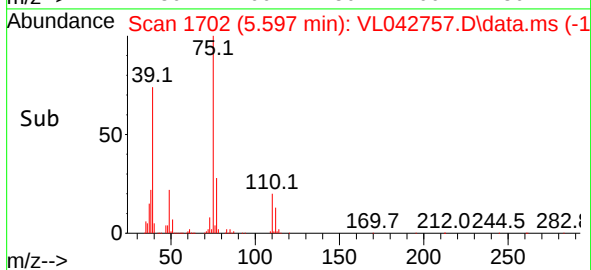
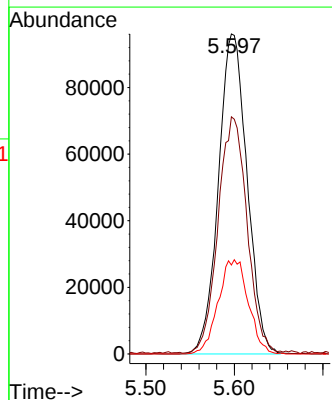
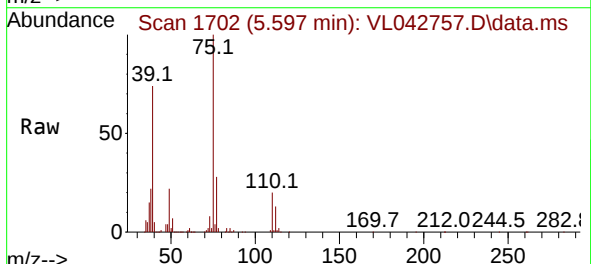
Manual Integrations
 APPROVED

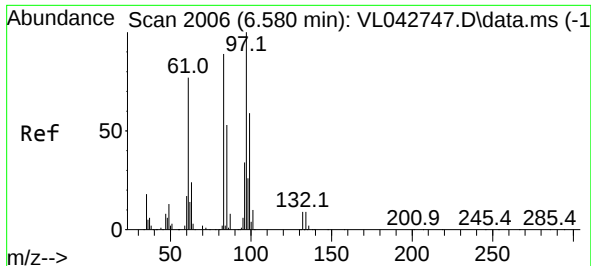
Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.554 ppbv
 RT: 5.597 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

Tgt Ion: 75 Resp: 215829
 Ion Ratio Lower Upper
 75 100
 39 73.6 60.2 90.2
 77 27.8 22.6 34.0





#47

1,1,2-Trichloroethane

Concen: 9.676 ppbv

RT: 6.581 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VL042757.D

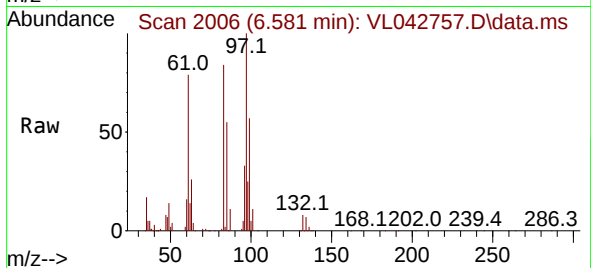
Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 154154

Ion Ratio Lower Upper

97 100

83 84.0 71.1 106.7

85 55.4 43.0 64.4

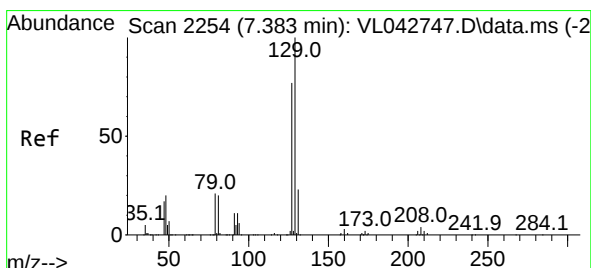
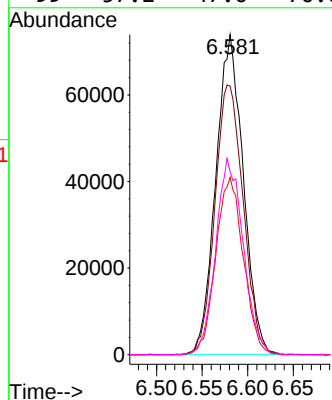
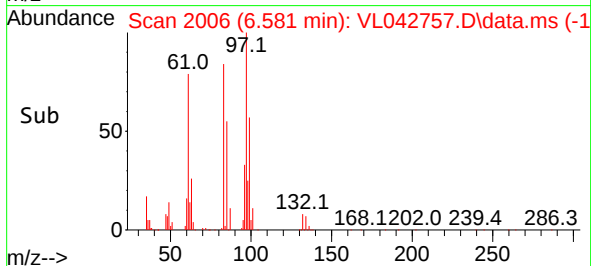
99 57.2 47.0 70.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#48

Dibromochloromethane

Concen: 10.419 ppbv

RT: 7.387 min Scan# 2255

Delta R.T. 0.003 min

Lab File: VL042757.D

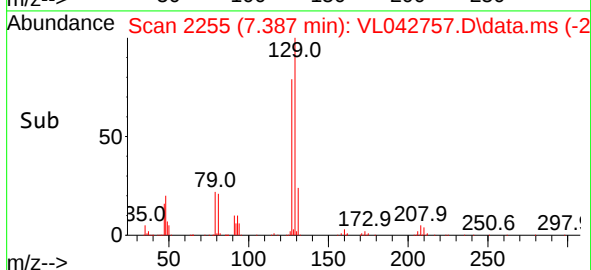
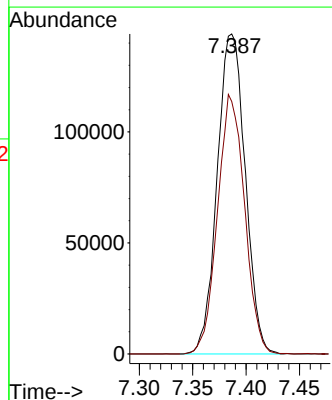
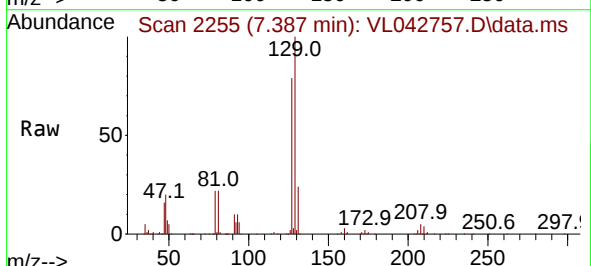
Acq: 24 Jul 2025 08:23

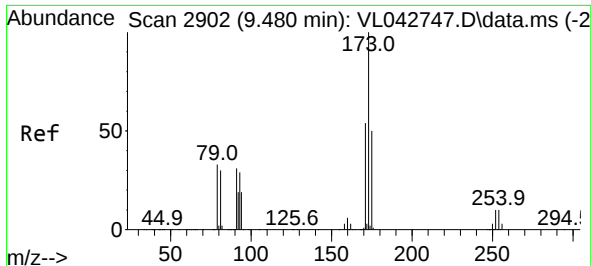
Tgt Ion:129 Resp: 263525

Ion Ratio Lower Upper

129 100

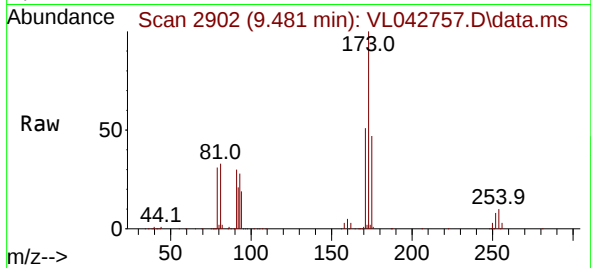
127 78.3 38.7 116.1





#49
Bromoform
Concen: 10.390 ppbv
RT: 9.481 min Scan# 2902
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

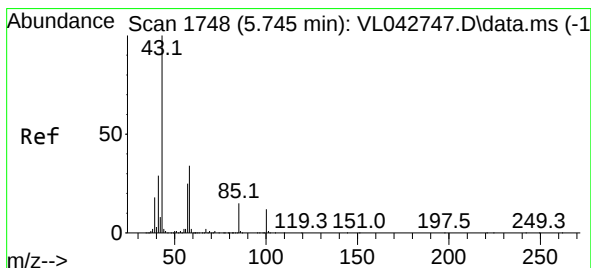
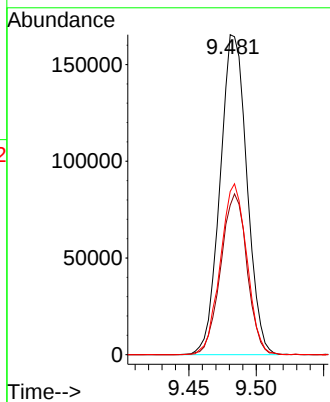
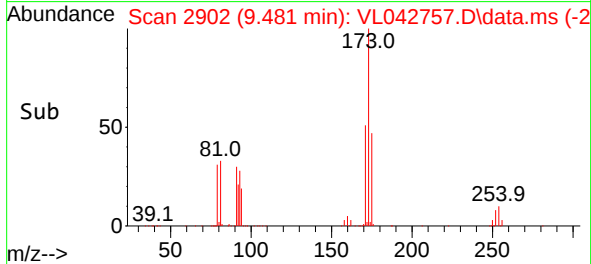
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 22912
Ion Ratio Lower Upper
173 100
175 49.2 38.4 57.6
171 52.7 40.9 61.3

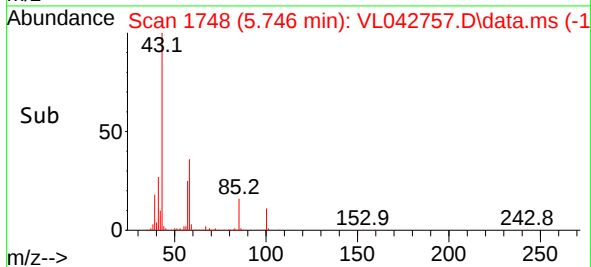
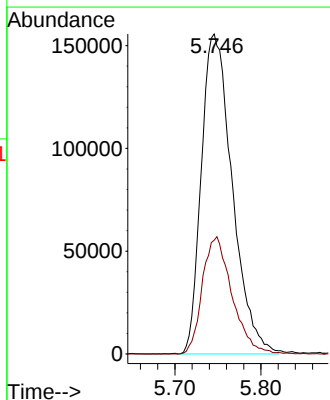
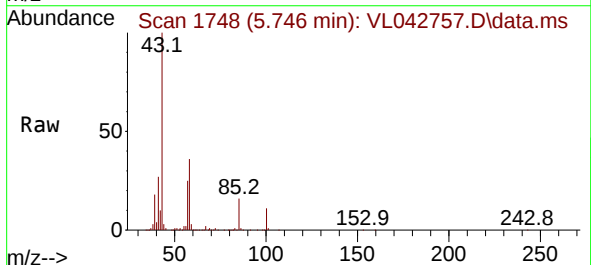
Manual Integrations
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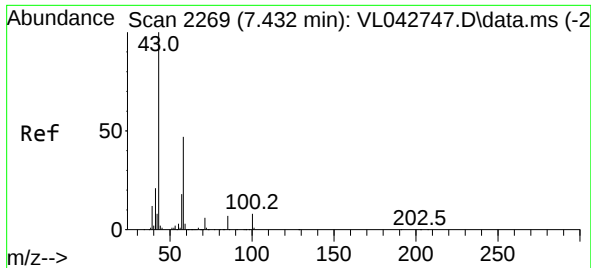
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#50
4-Methyl-2-Pentanone
Concen: 9.953 ppbv
RT: 5.746 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

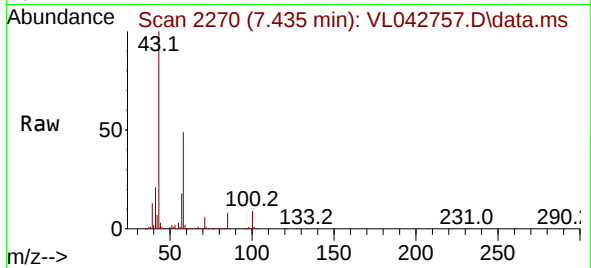
Tgt Ion: 43 Resp: 387968
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.8





#51
2-Hexanone
Concen: 10.761 ppbv
RT: 7.435 min Scan# 2170
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

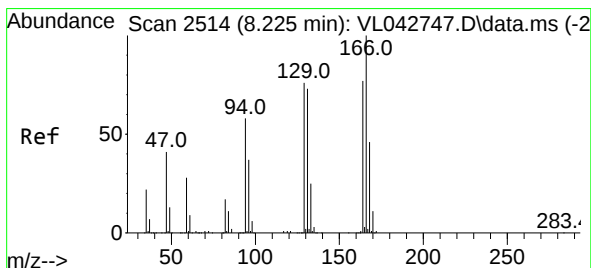
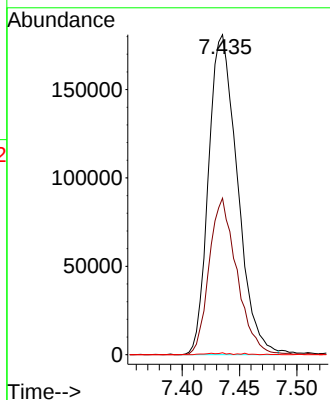
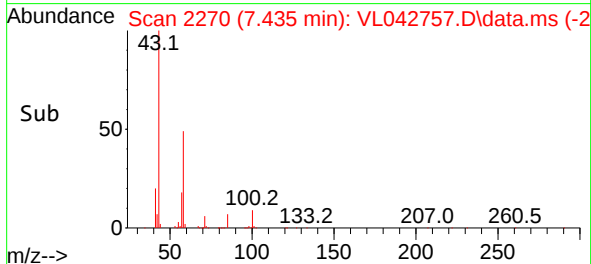
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



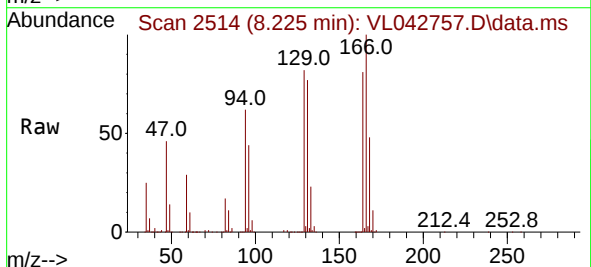
Tgt Ion: 43 Resp: 31700
Ion Ratio Lower Upper
43 100
58 47.2 38.0 57.0
98 0.5 0.2 0.4

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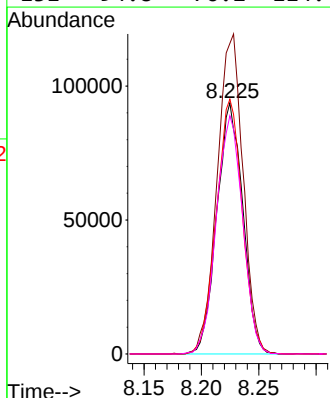
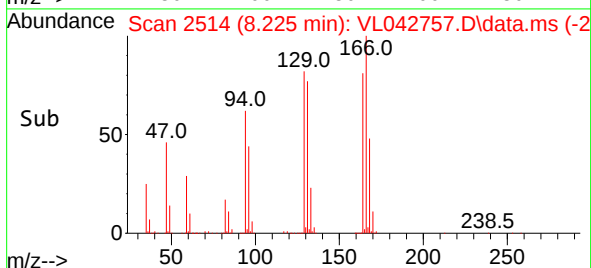
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

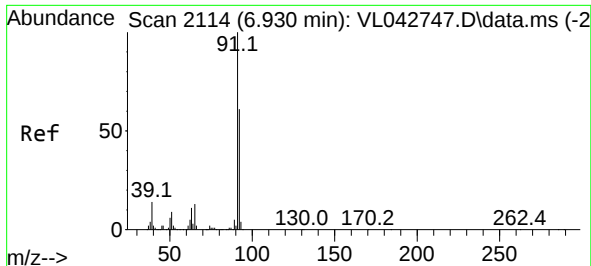


#52
Tetrachloroethene
Concen: 8.758 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



Tgt Ion:164 Resp: 146976
Ion Ratio Lower Upper
164 100
166 123.6 104.0 156.0
129 101.5 79.2 118.8
131 94.8 76.2 114.4





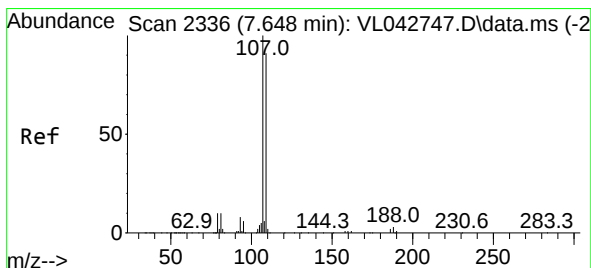
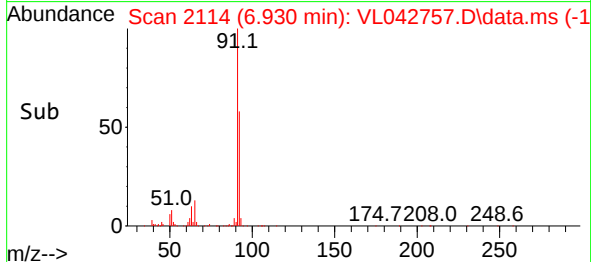
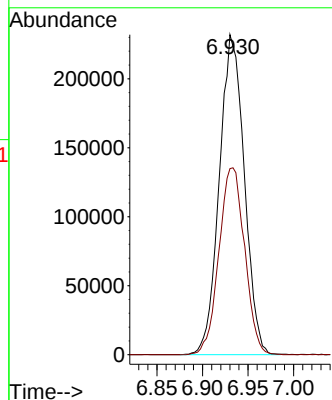
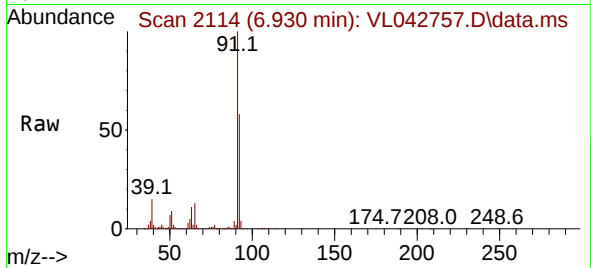
#53
Toluene
Concen: 10.175 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 44240
Ion Ratio Lower Upper
91 100
92 60.1 48.0 72.0

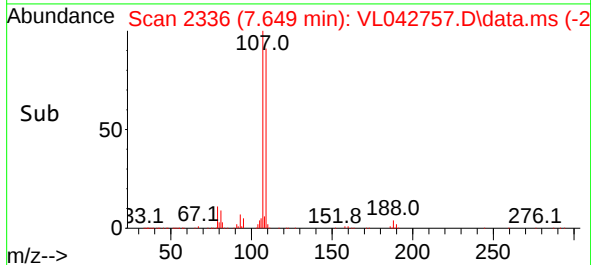
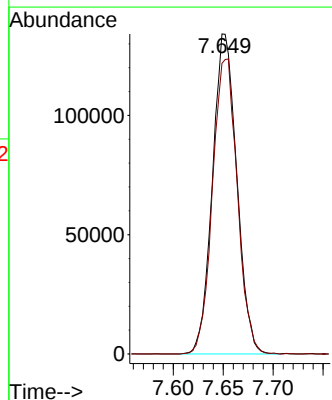
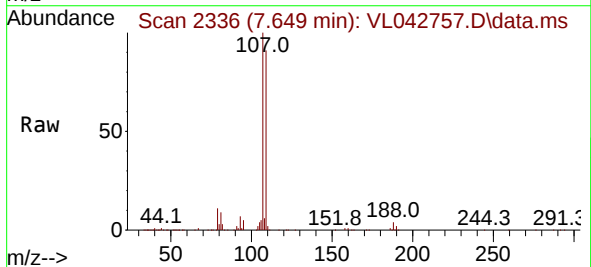
Manual Integrations
APPROVED

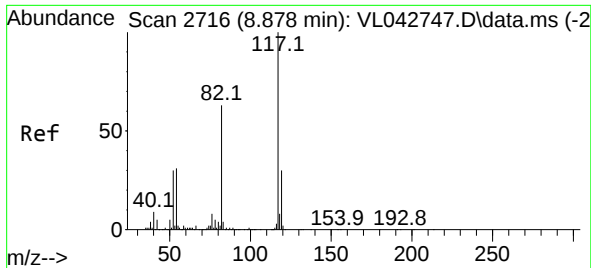
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#54
1,2-Dibromoethane
Concen: 10.094 ppbv
RT: 7.649 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

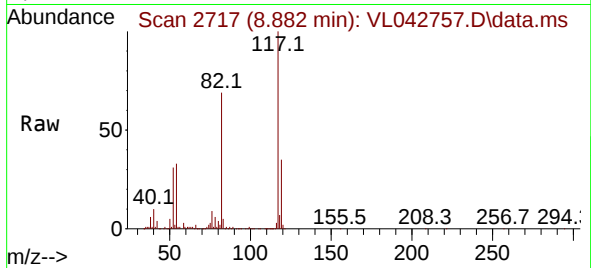
Tgt Ion:107 Resp: 227212
Ion Ratio Lower Upper
107 100
109 90.8 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2716
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

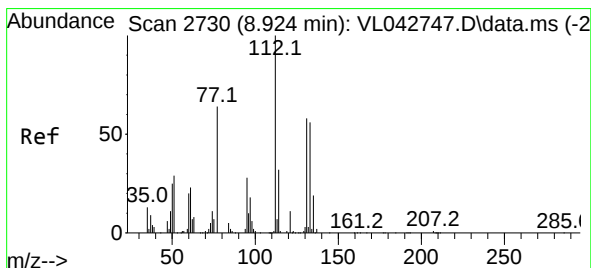
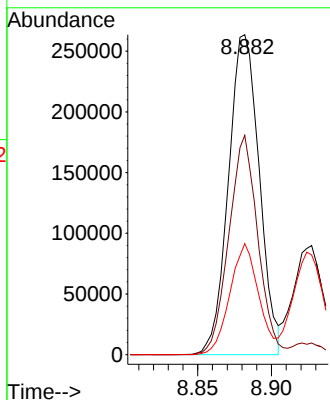
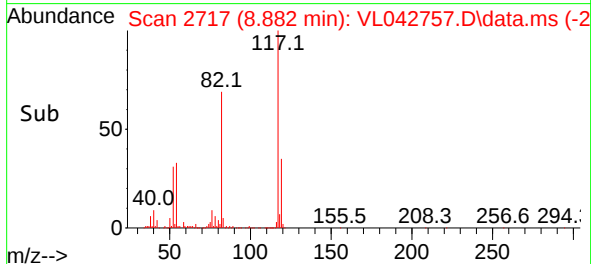
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



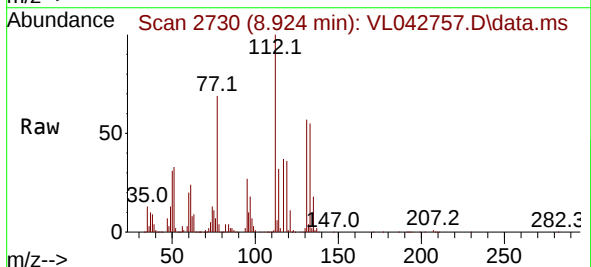
Tgt Ion:117 Resp: 383056
Ion Ratio Lower Upper
117 100
82 68.0 53.3 79.9
119 32.2 25.8 38.6

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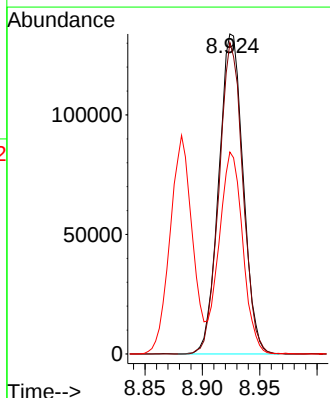
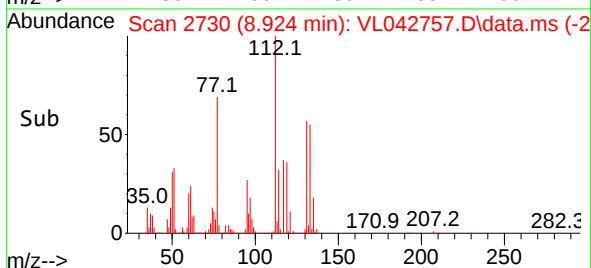
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

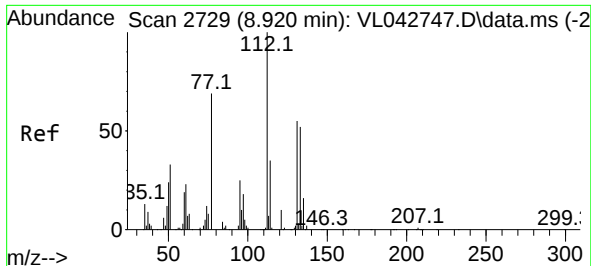


#56
1,1,1,2-Tetrachloroethane
Concen: 9.946 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



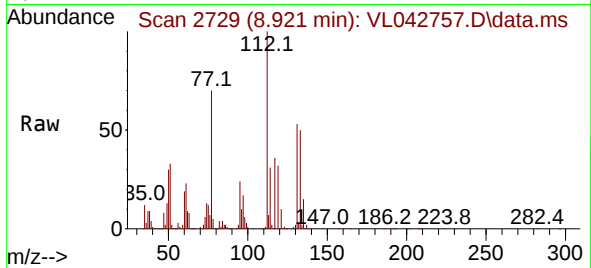
Tgt Ion:131 Resp: 198082
Ion Ratio Lower Upper
131 100
133 95.1 76.8 115.2
119 61.8 49.7 74.5





#57
Chlorobenzene
Concen: 9.419 ppbv
RT: 8.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

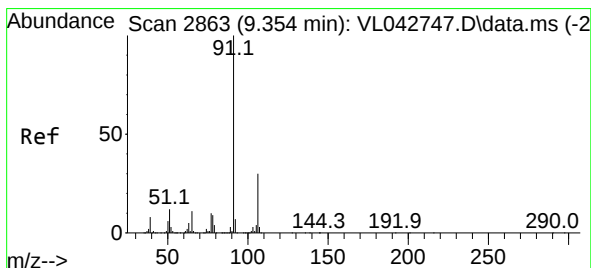
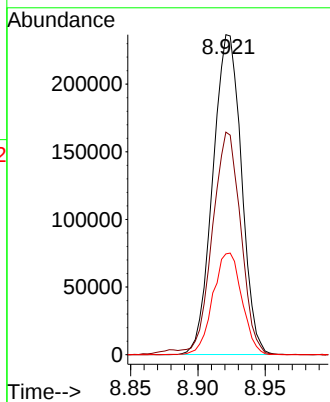
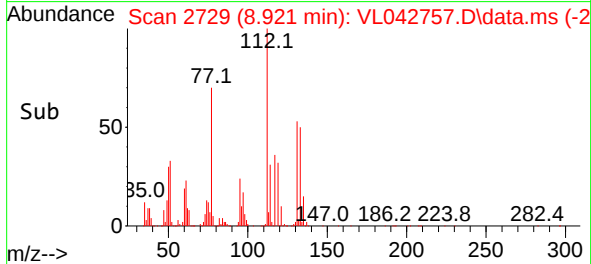
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 34920
Ion Ratio Lower Upper
112 100
77 69.5 56.4 84.6
114 31.4 31.2 38.2

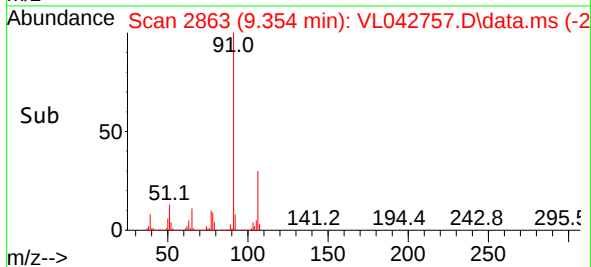
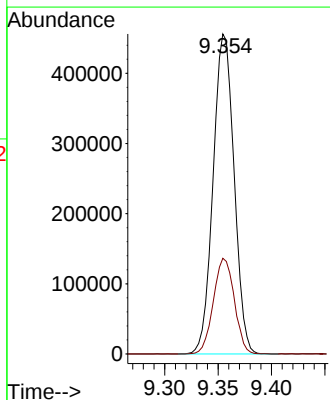
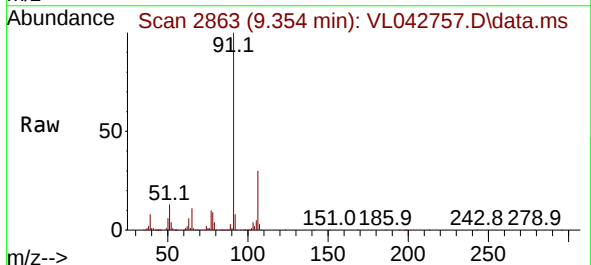
Manual Integrations
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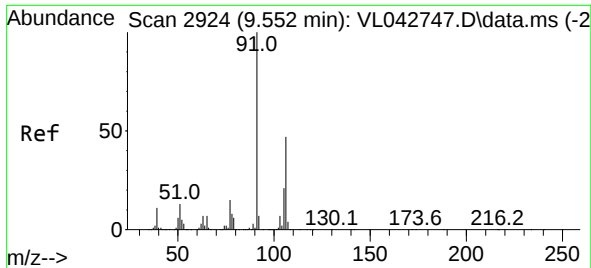
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#58
Ethyl Benzene
Concen: 10.298 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

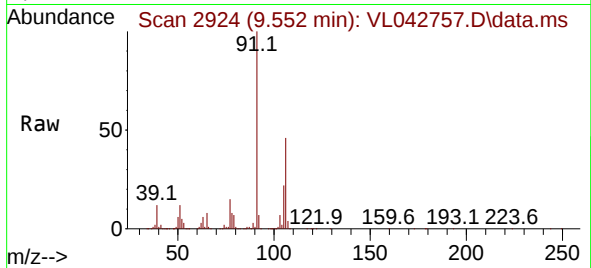
Tgt Ion: 91 Resp: 622947
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6





#59
m/p-Xylene
Concen: 20.800 ppbv m
RT: 9.552 min Scan# 2924
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

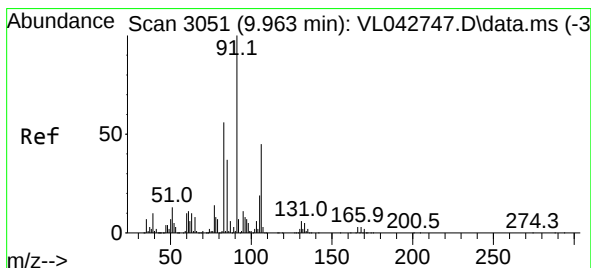
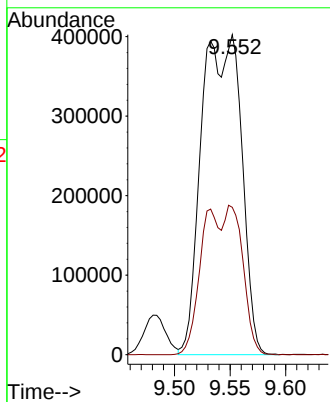
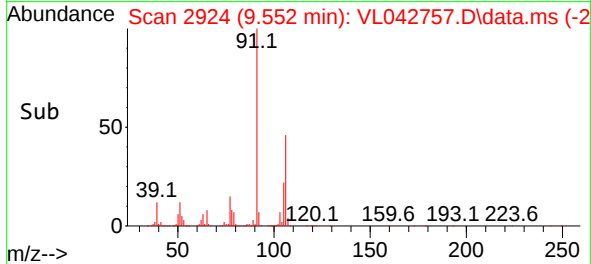
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



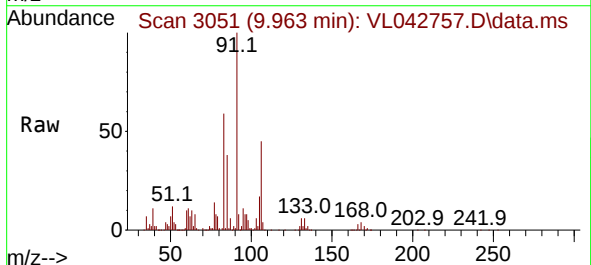
Tgt Ion: 91 Resp: 1005574
Ion Ratio Lower Upper
91 100
106 46.6 37.4 56.2

Manual Integrations
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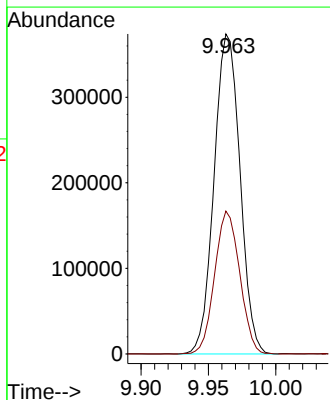
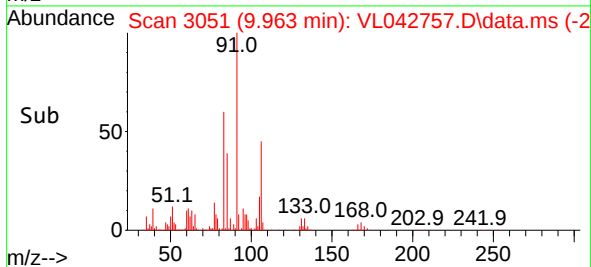
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

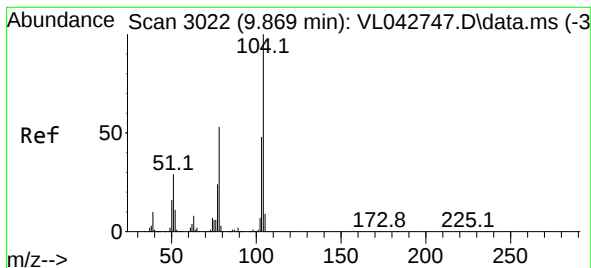


#60
o-Xylene
Concen: 10.353 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



Tgt Ion: 91 Resp: 500129
Ion Ratio Lower Upper
91 100
106 43.2 22.0 66.0





#61

Styrene

Concen: 10.920 ppbv

RT: 9.869 min Scan# 3022

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

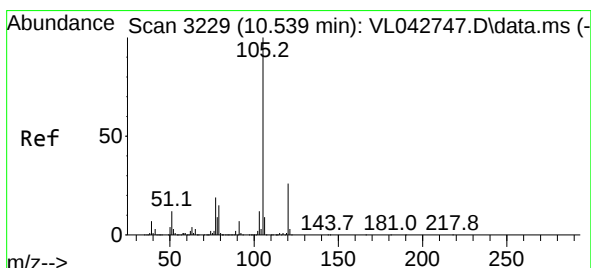
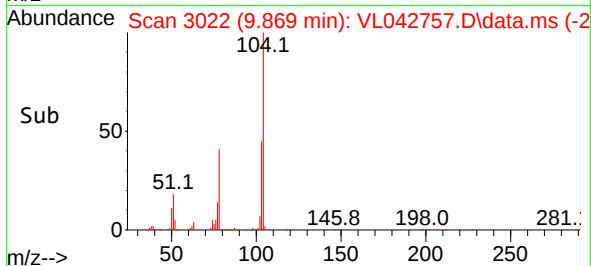
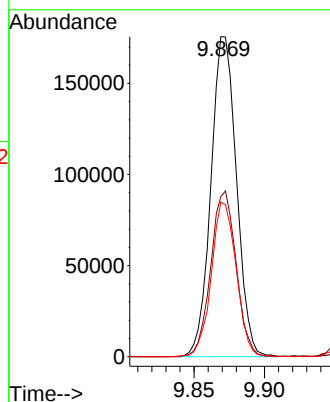
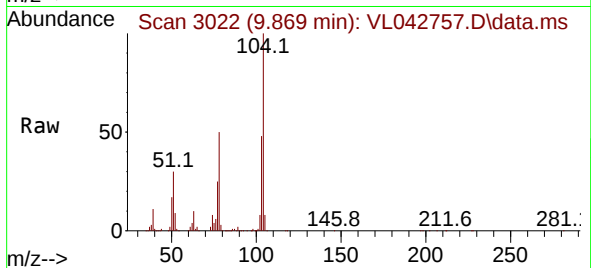
Tgt Ion:104 Resp: 221910

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.5	62.3
103	47.2	37.5	56.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#62

Isopropylbenzene

Concen: 10.134 ppbv

RT: 10.539 min Scan# 3229

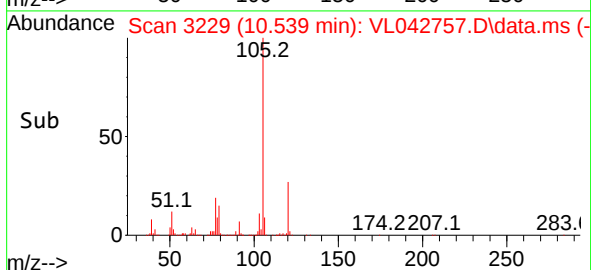
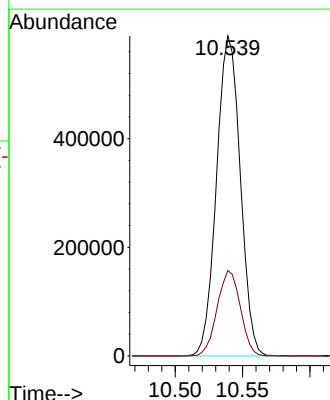
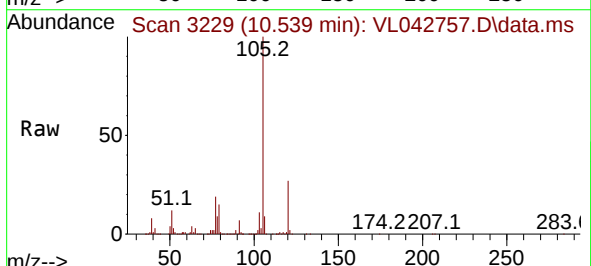
Delta R.T. 0.000 min

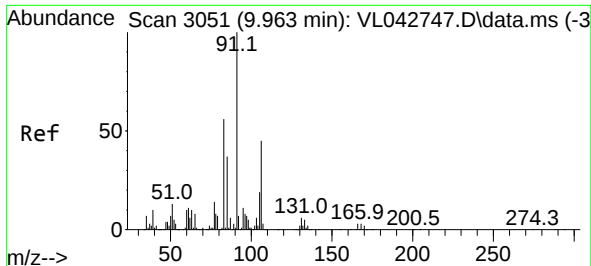
Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Tgt Ion:105 Resp: 722087

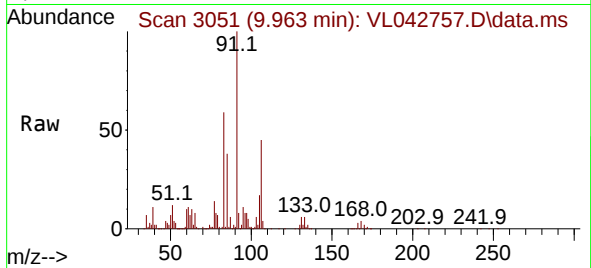
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.5	30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.171 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

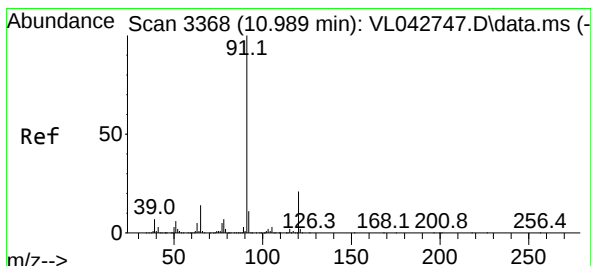
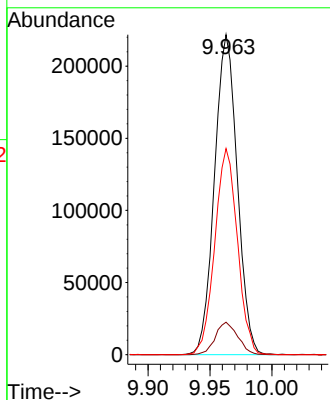
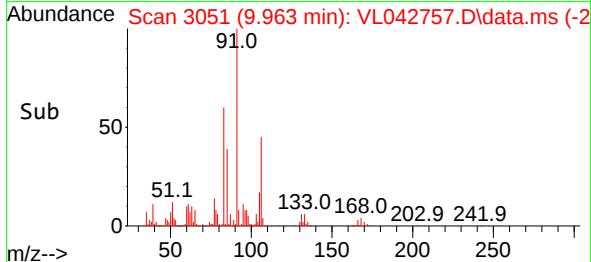
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



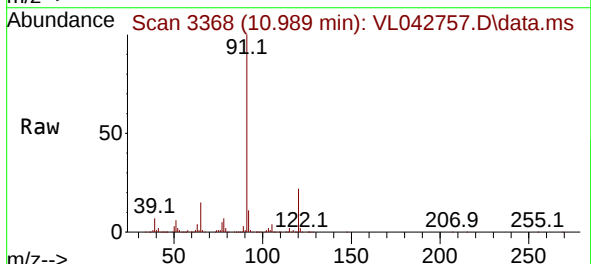
Tgt Ion: 83 Resp: 284428
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.9 32.6 97.7

Manual Integrations
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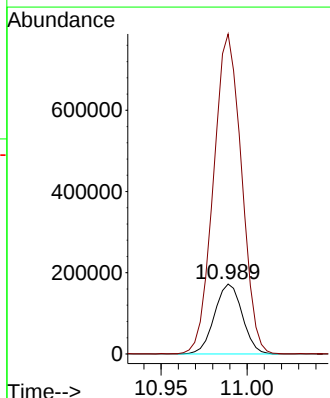
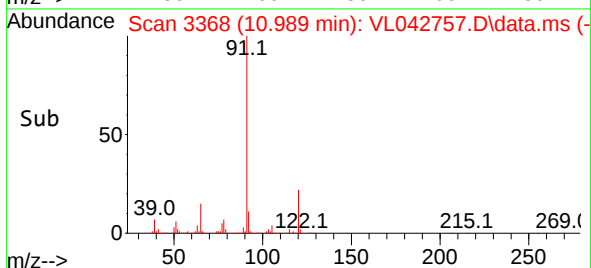
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

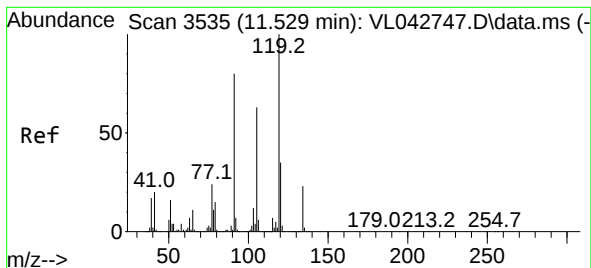


#64
n-propylbenzene
Concen: 10.381 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



Tgt Ion:120 Resp: 192843
Ion Ratio Lower Upper
120 100
91 463.5 372.7 559.1





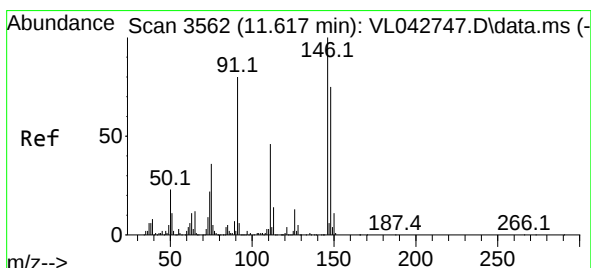
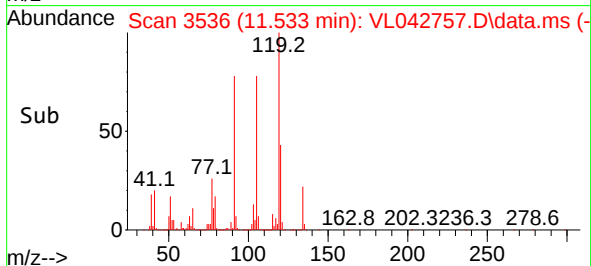
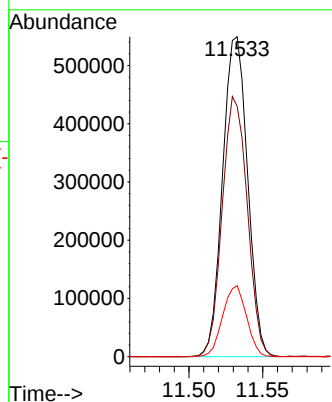
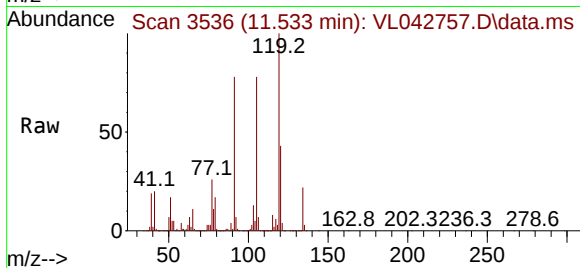
#65
tert-Butylbenzene
Concen: 10.234 ppbv
RT: 11.533 min Scan# 3535
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 647770
Ion Ratio Lower Upper
119 100
91 81.7 64.0 96.0
134 21.1 17.3 25.9

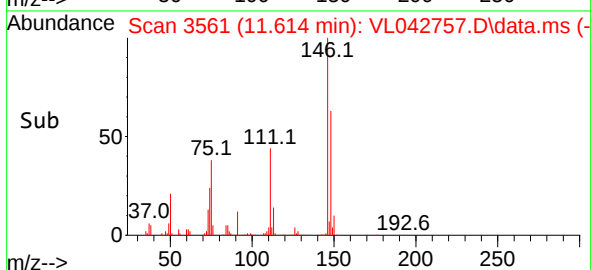
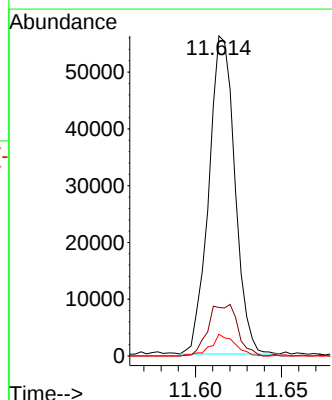
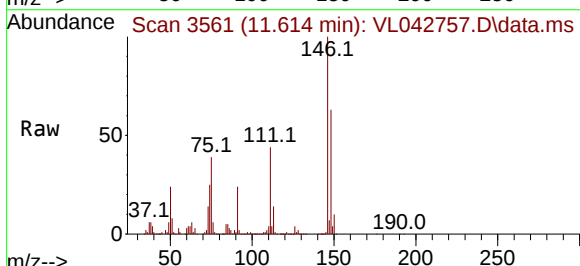
Manual Integrations
APPROVED

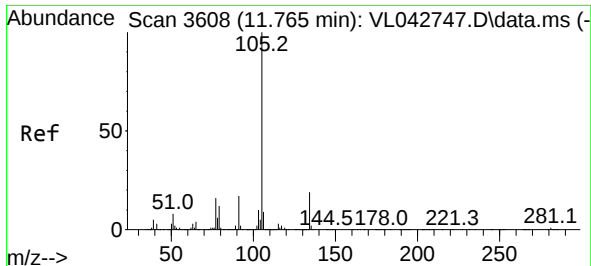
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#66
Benzyl Chloride
Concen: 11.381 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. -0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

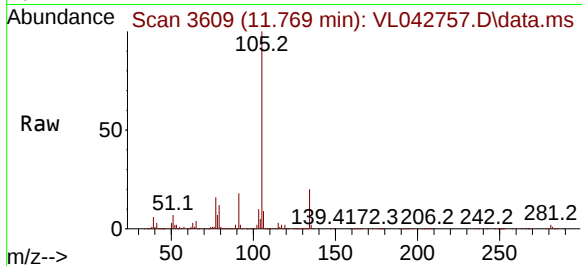
Tgt Ion: 91 Resp: 59138
Ion Ratio Lower Upper
91 100
126 18.4 14.4 21.6
128 6.5 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 10.057 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

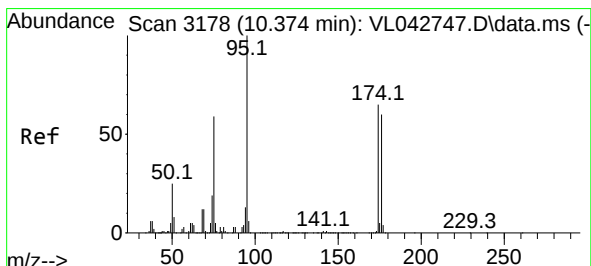
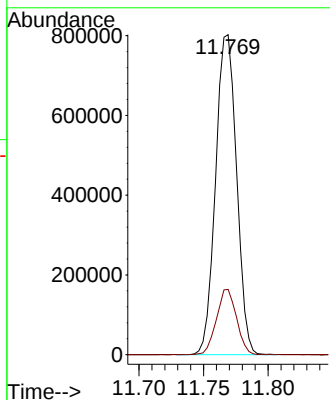
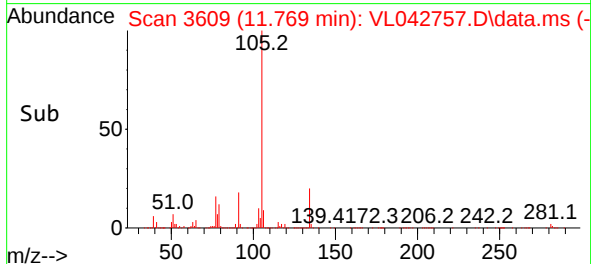
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 905360
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.5 23.3

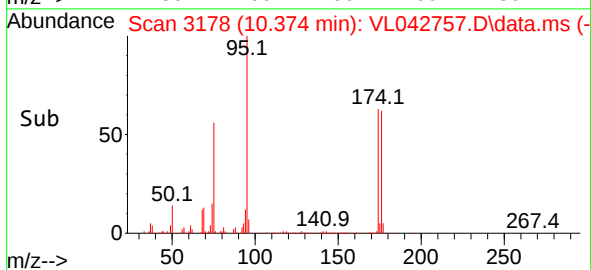
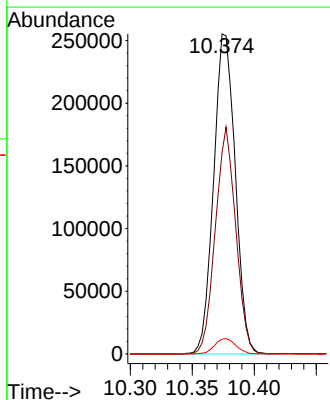
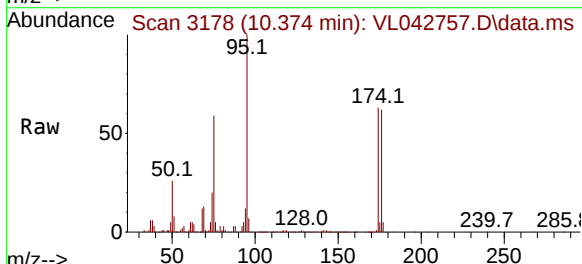
Manual Integrations
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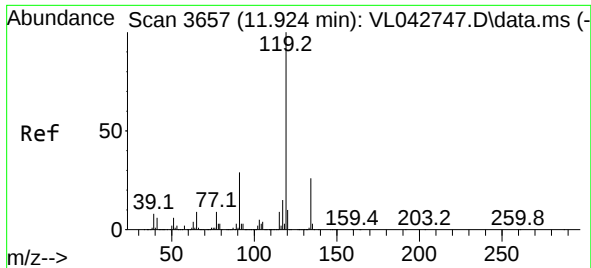
Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.257 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

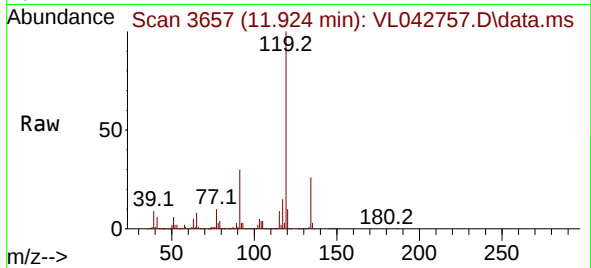
Tgt Ion: 95 Resp: 311165
 Ion Ratio Lower Upper
 95 100
 174 66.9 53.8 80.6
 175 4.7 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.660 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

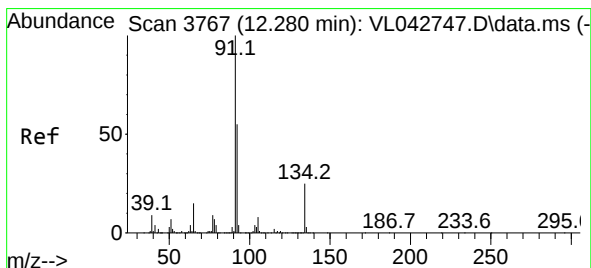
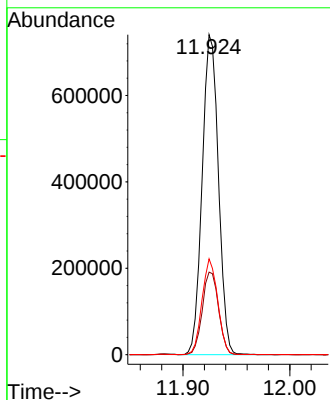
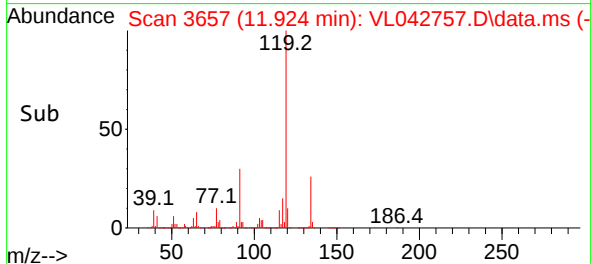
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



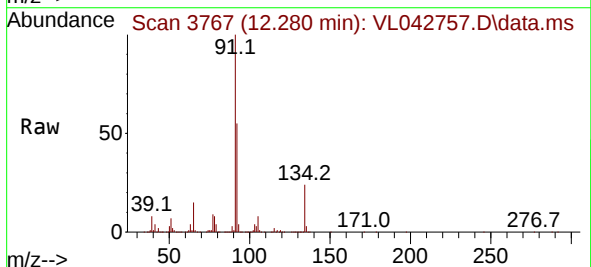
Tgt Ion: 119 Resp: 78250
Ion Ratio Lower Upper
119 100
134 26.0 20.6 31.0
91 29.1 23.2 34.8

Manual Integrations
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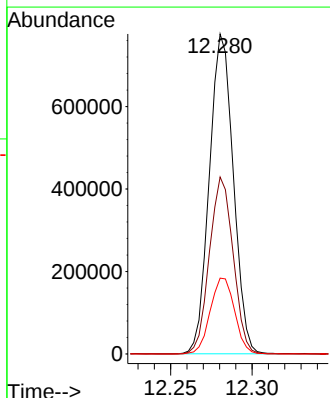
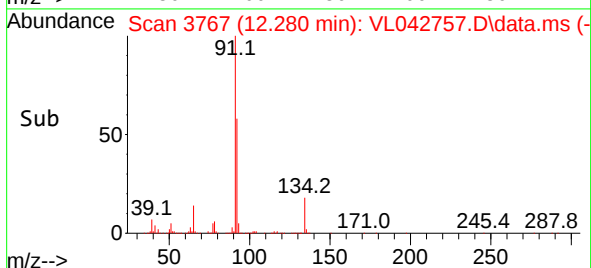
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

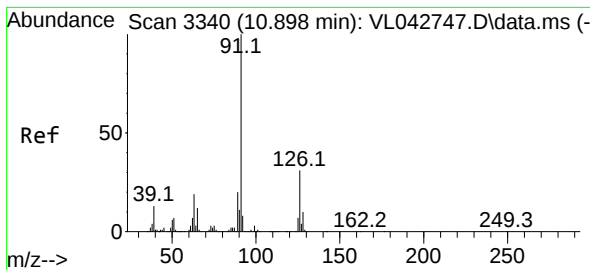


#70
n-Butylbenzene
Concen: 11.177 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23



Tgt Ion: 91 Resp: 792521
Ion Ratio Lower Upper
91 100
92 54.8 43.4 65.2
134 24.2 19.6 29.4





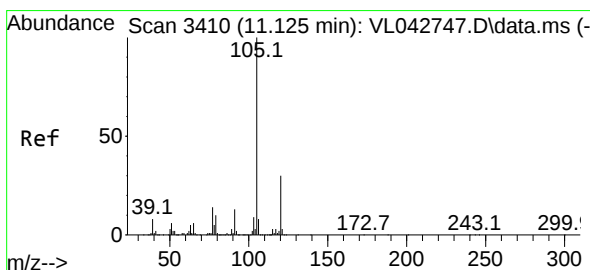
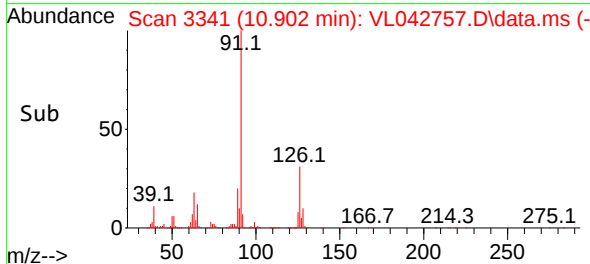
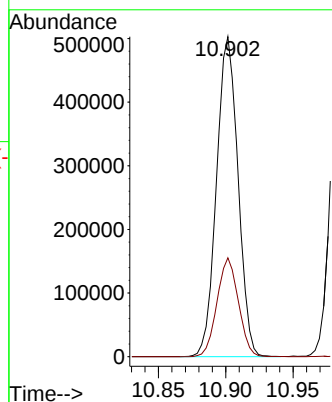
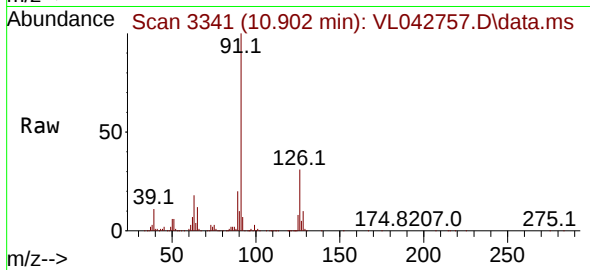
#71
2-Chlorotoluene
Concen: 10.211 ppbv
RT: 10.902 min Scan# 3341
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 557912
Ion Ratio Lower Upper
91 100
126 30.6 12.0 48.2

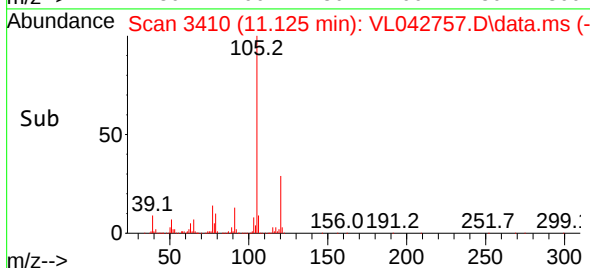
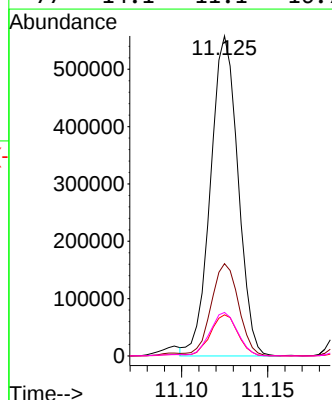
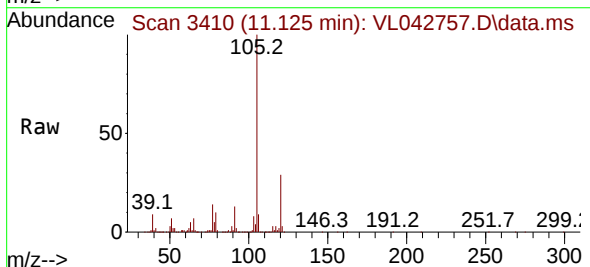
Manual Integrations
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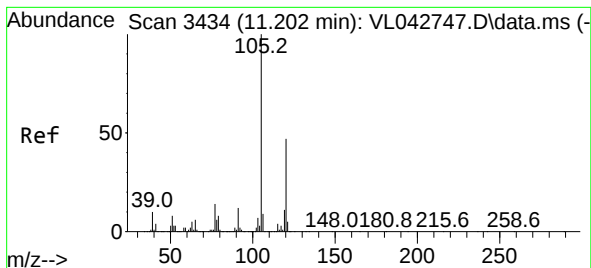
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#72
4-Ethyltoluene
Concen: 10.747 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Tgt Ion:105 Resp: 620030
Ion Ratio Lower Upper
105 100
120 29.6 24.4 36.6
91 13.3 10.6 15.8
77 14.1 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.856 ppbv

RT: 11.203 min Scan# 3434

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 515645

Ion Ratio Lower Upper

105 100

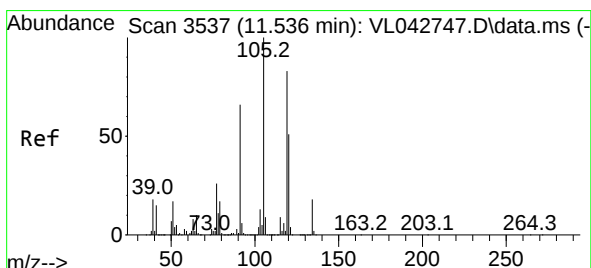
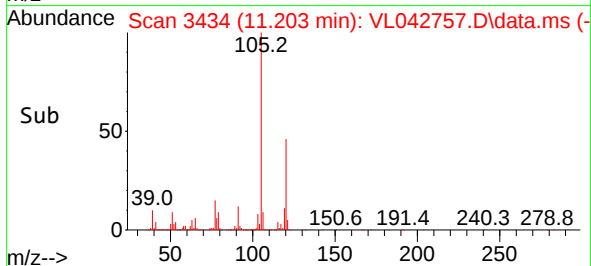
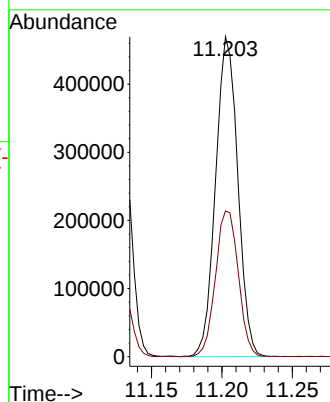
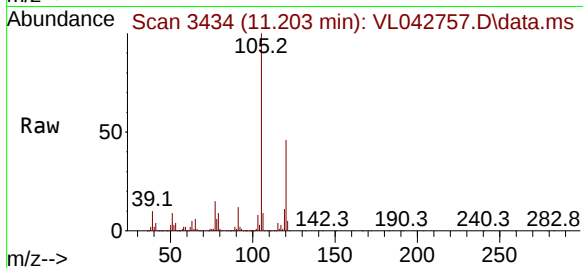
120 45.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.834 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Tgt Ion:105 Resp: 561445

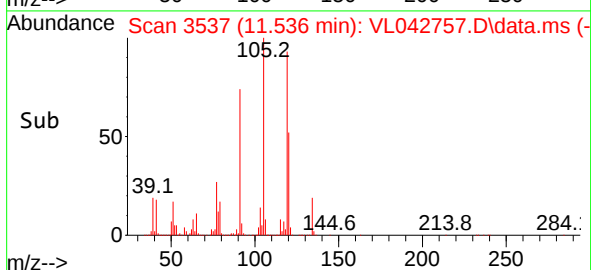
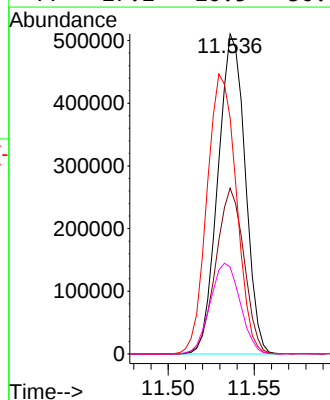
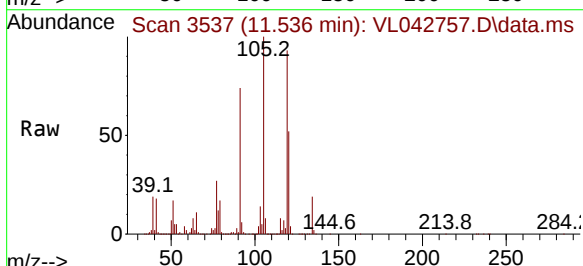
Ion Ratio Lower Upper

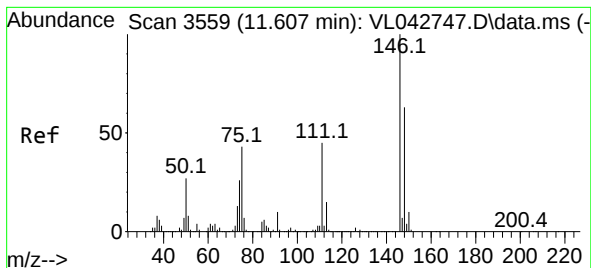
105 100

120 51.8 40.8 61.2

91 73.8 53.0 79.4

77 27.2 20.5 30.7





#75

1,3-Dichlorobenzene

Concen: 9.953 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 361599

Ion Ratio Lower Upper

146 100

111 45.3 22.7 68.0

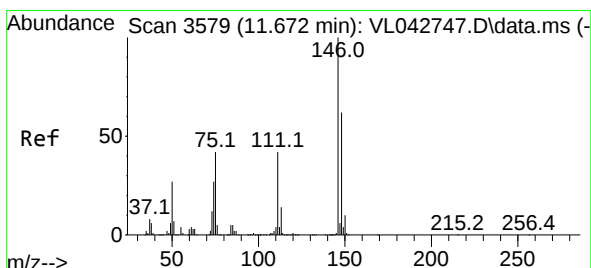
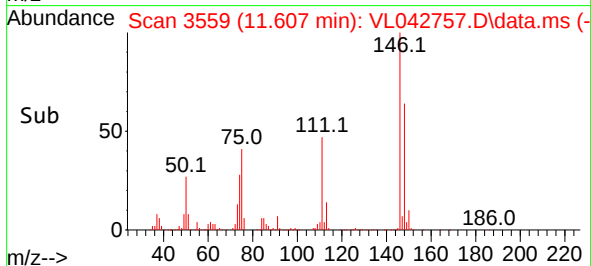
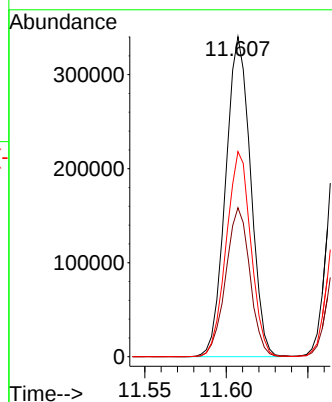
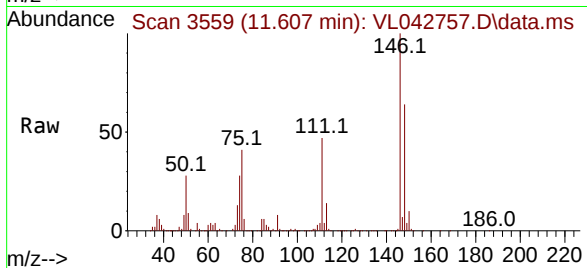
148 63.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#76

1,4-Dichlorobenzene

Concen: 10.312 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

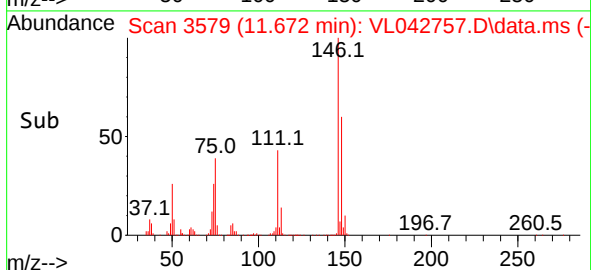
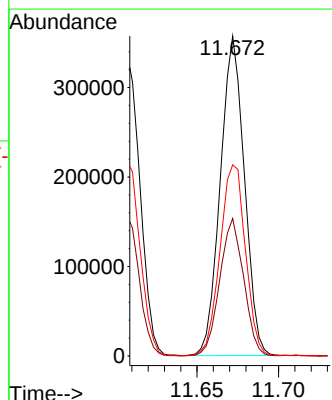
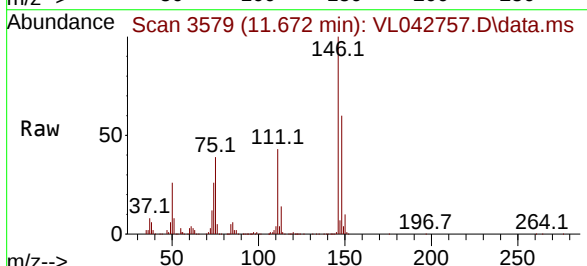
Tgt Ion:146 Resp: 366590

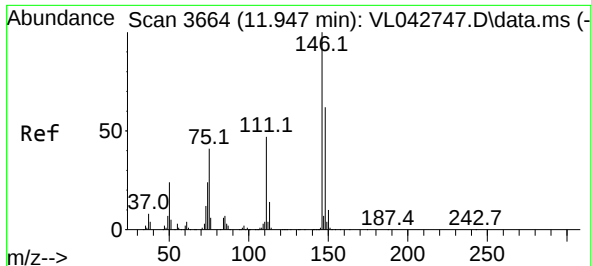
Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.2

148 63.5 32.1 96.3





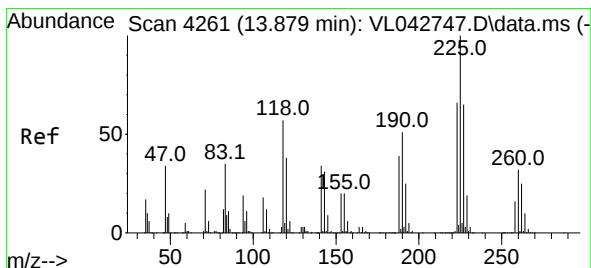
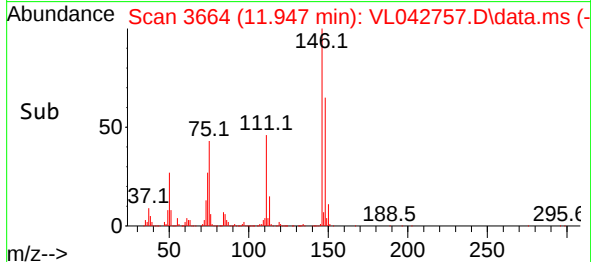
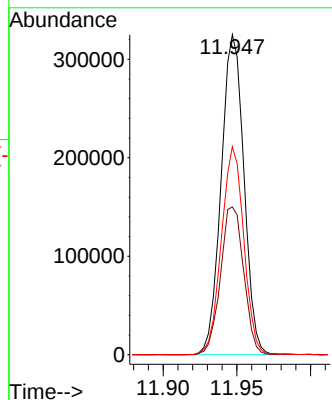
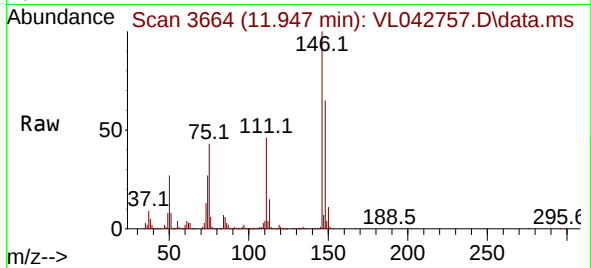
#77
1,2-Dichlorobenzene
Concen: 9.761 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. 0.000 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 348523
Ion Ratio Lower Upper
146 100
111 47.3 23.7 71.1
148 64.1 32.6 97.7

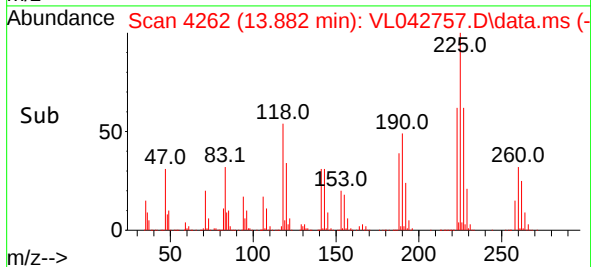
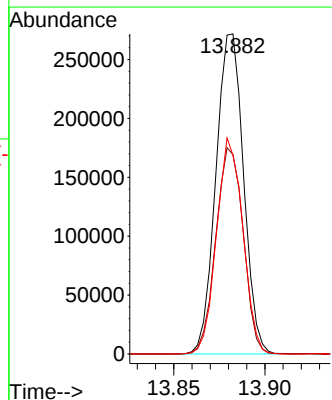
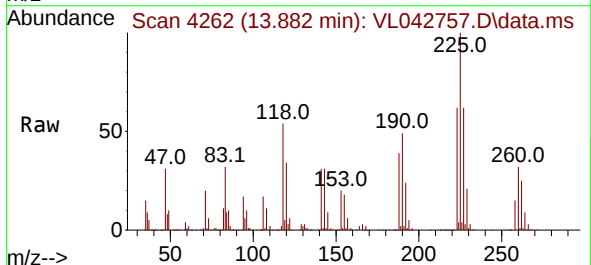
Manual Integrations
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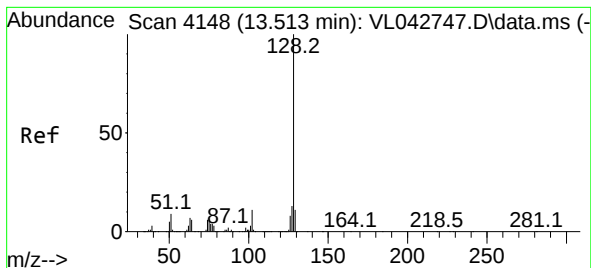
Reviewed By :Semsettin Yesilyurt 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#78
Hexachloro-1,3-Butadiene
Concen: 8.868 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL042757.D
Acq: 24 Jul 2025 08:23

Tgt Ion:225 Resp: 286611
Ion Ratio Lower Upper
225 100
223 63.9 50.7 76.1
227 64.0 50.5 75.7





#79

Naphthalene

Concen: 10.185 ppbv

RT: 13.514 min Scan# 4148

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 57316

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

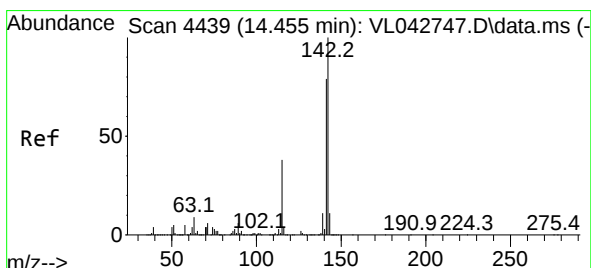
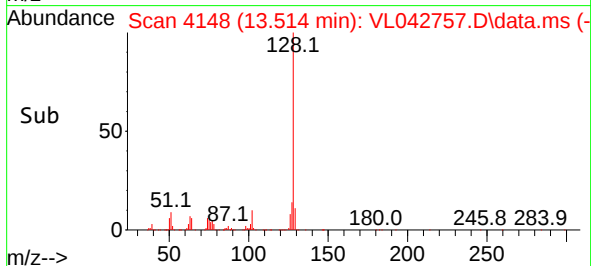
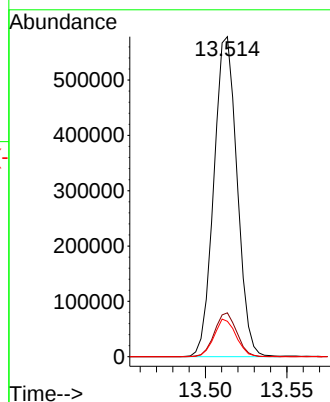
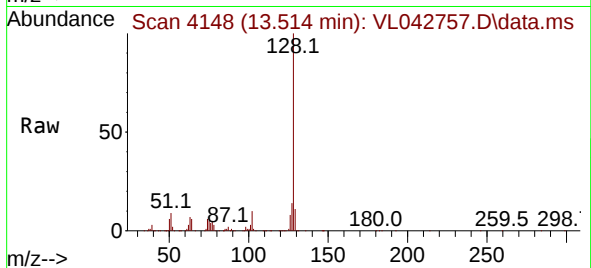
129 11.1 8.6 13.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#80

Naphthalene,2-methyl-

Concen: 9.773 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. 0.000 min

Lab File: VL042757.D

Acq: 24 Jul 2025 08:23

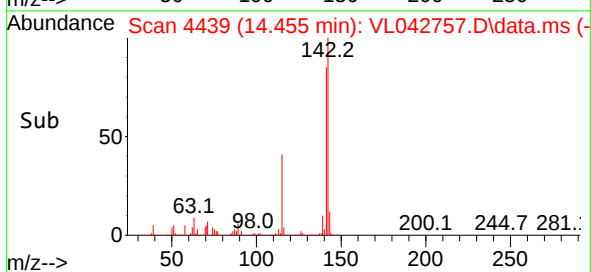
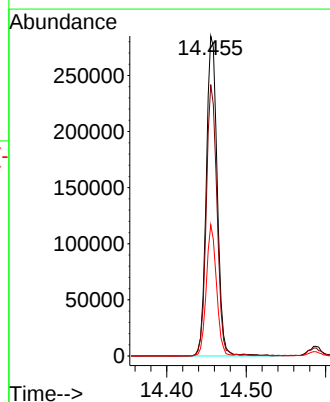
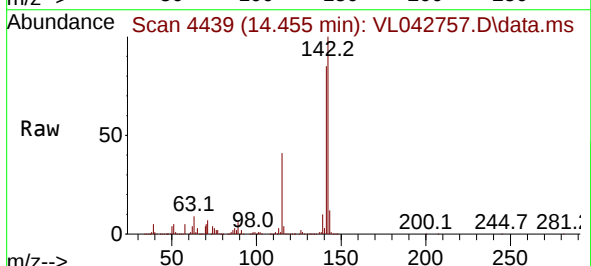
Tgt Ion:142 Resp: 273990

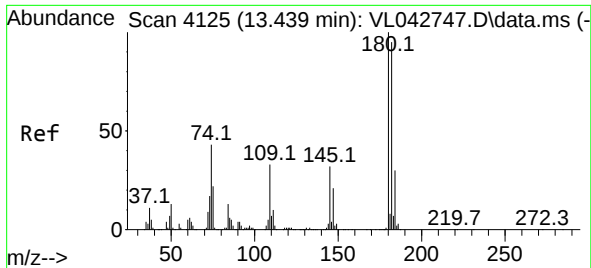
Ion Ratio Lower Upper

142 100

141 83.9 65.8 98.8

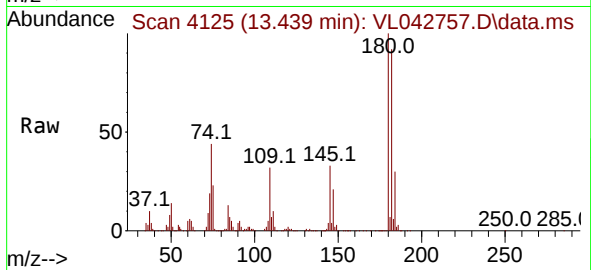
115 38.9 31.2 46.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.157 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042757.D
 Acq: 24 Jul 2025 08:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 321227
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.2 114.2
 184 30.9 24.8 37.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

