

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042514.D
 Acq On : 07 May 2025 12:43
 Operator : SY/MD
 Sample : MDL3 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:33:35 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	74745	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	193374	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	161117	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 150489 10.074 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	6978	0.564	ppbv	99
3) Chlorodifluoromethane	1.476	51	7075	0.541	ppbv	99
4) Chloromethane	1.535	50	3132	0.606	ppbv #	86
5) Vinyl Chloride	1.580	62	2730	0.524	ppbv	90
6) Bromomethane	1.670	94	1168	0.475	ppbv	95
7) Chloroethane	1.706	64	1152	0.599	ppbv	90
8) Dichlorotetrafluoroethane	1.557	85	5498	0.539	ppbv	96
9) Propene	1.483	41	1649	0.386	ppbv #	49
10) Heptane	4.985	43	4480m	0.404	ppbv	
11) Trichlorofluoromethane	1.881	101	6860	0.601	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	4979	0.546	ppbv	94
13) Ethanol	1.725	45	509m	0.586	ppbv	
14) Bromoethene	1.784	108	1850	0.550	ppbv #	85
15) Acetone	1.839	43	8896	0.652	ppbv	98
16) 1,3-Butadiene	1.609	39	2523	0.419	ppbv	97
17) tert-Butyl alcohol	2.046	59	6119	0.509	ppbv	96
18) 1,1-Dichloroethene	2.039	96	2112	0.496	ppbv #	62
19) Isopropyl Alcohol	1.887	45	4171	0.552	ppbv #	94
20) Methylene Chloride	2.065	84	2555	0.623	ppbv #	69
21) Allyl Chloride	2.098	41	5203	0.593	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	2378m	0.478	ppbv	
23) Vinyl Acetate	2.467	43	7253	0.557	ppbv #	88
24) 1,1-Dichloroethane	2.412	63	5121	0.505	ppbv	99
25) Ethyl Acetate	2.845	43	9957m	0.456	ppbv	
26) Hexane	2.829	57	3552	0.373	ppbv #	73
27) Carbon Disulfide	2.149	76	5680	0.511	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2720	0.476	ppbv #	87
29) Chloroform	2.855	83	9341	0.524	ppbv	94
30) Cyclohexane	3.865	84	3149m	0.396	ppbv	
31) cis-1,2-Dichloroethene	2.729	61	4851	0.437	ppbv #	80
32) 1,1,1-Trichloroethane	3.373	97	9173	0.474	ppbv	96
34) 2-Butanone	2.567	43	7373	0.527	ppbv	96
35) Carbon Tetrachloride	3.768	117	9287m	0.529	ppbv	
36) Benzene	3.661	78	8632	0.473	ppbv #	91
37) 1,2-Dichloroethane	3.224	62	7577	0.539	ppbv	98
38) Trichloroethene	4.554	130	3719m	0.534	ppbv	
39) 1,2-Dichloropropane	4.321	63	3867m	0.566	ppbv	
40) 1,4-Dioxane	4.609	88	1360m	0.425	ppbv	
41) Tetrahydrofuran	3.075	42	2537	0.382	ppbv #	86
42) Bromodichloromethane	4.499	83	8625	0.502	ppbv	95
43) Methyl Methacrylate	4.888	69	2805m	0.412	ppbv	
44) 2,2,4-Trimethylpentane	4.655	57	12303m	0.416	ppbv	
45) t-1,3-Dichloropropene	6.428	75	3183m	0.356	ppbv	

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Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

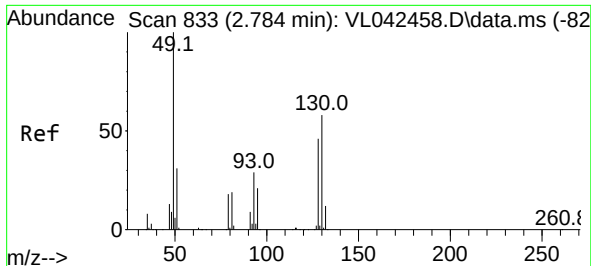
Quant Time: May 08 01:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	4182m	0.394	ppbv	
47) 1,1,2-Trichloroethane	6.606	97	4158m	0.555	ppbv	
48) Dibromochloromethane	7.399	129	6441m	0.509	ppbv	
49) Bromoform	9.493	173	4784m	0.451	ppbv	
50) 4-Methyl-2-Pentanone	5.784	43	6926m	0.391	ppbv	
51) 2-Hexanone	7.467	43	5579m	0.394	ppbv	
52) Tetrachloroethene	8.238	164	3041	0.438	ppbv #	79
53) Toluene	6.946	91	6537	0.338	ppbv	92
54) 1,2-Dibromoethane	7.665	107	5276	0.461	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.940	131	5173m	0.544	ppbv	
57) Chlorobenzene	8.930	112	9497	0.587	ppbv #	62
58) Ethyl Benzene	9.364	91	8801	0.327	ppbv	91
59) m/p-Xylene	9.558	91	14758m	0.654	ppbv	
60) o-Xylene	9.972	91	6935	0.307	ppbv	90
61) Styrene	9.882	104	2489	0.295	ppbv	90
62) Isopropylbenzene	10.549	105	12183	0.374	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	9024	0.579	ppbv	98
64) n-propylbenzene	10.995	120	2583	0.324	ppbv	96
65) tert-Butylbenzene	11.536	119	10253	0.352	ppbv	97
66) Benzyl Chloride	11.620	91	1892m	0.563	ppbv	
67) sec-Butylbenzene	11.775	105	15290	0.370	ppbv	99
69) p-Isopropyltoluene	11.931	119	11497	0.330	ppbv	97
70) n-Butylbenzene	12.287	91	11365	0.316	ppbv	97
71) 2-Chlorotoluene	10.908	91	8976	0.351	ppbv	92
72) 4-Ethyltoluene	11.134	105	8691	0.326	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.212	105	7777	0.332	ppbv #	86
74) 1,2,4-Trimethylbenzene	11.539	105	9331m	0.329	ppbv	
75) 1,3-Dichlorobenzene	11.613	146	7162	0.454	ppbv	90
76) 1,4-Dichlorobenzene	11.681	146	7390	0.495	ppbv	94
77) 1,2-Dichlorobenzene	11.953	146	7680	0.497	ppbv	94
78) Hexachloro-1,3-Butadiene	13.886	225	8669	0.562	ppbv	93
79) Naphthalene	13.520	128	6162	0.258	ppbv #	94
80) Naphthalene,2-methyl-	14.462	142	1455	0.082	ppbv #	81
81) 1,2,4-Trichlorobenzene	13.449	180	3714	0.292	ppbv	88

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



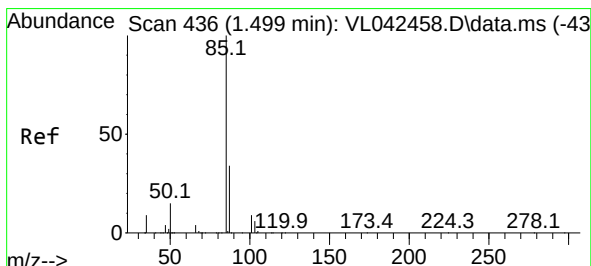
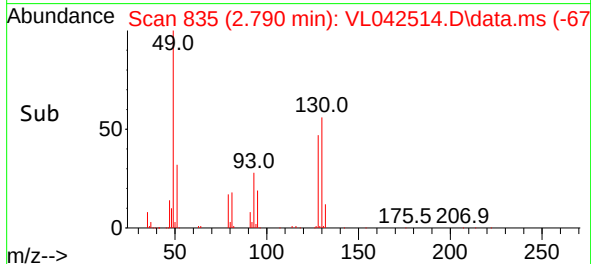
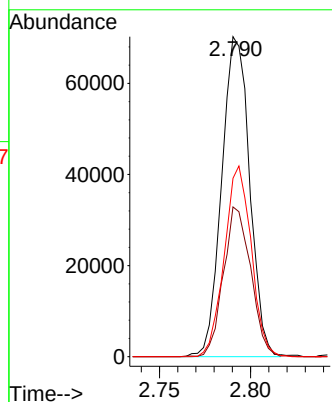
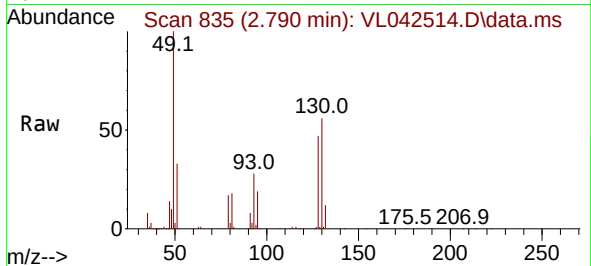
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 49 Resp: 7474
Ion Ratio Lower Upper
49 100
128 45.9 23.3 69.9
130 57.5 29.5 88.6

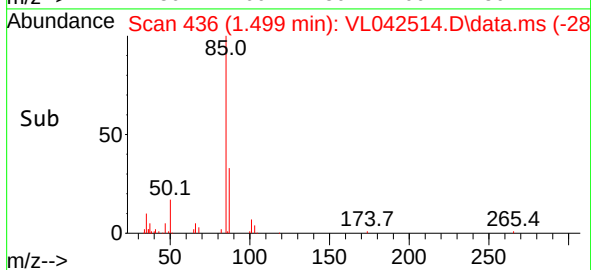
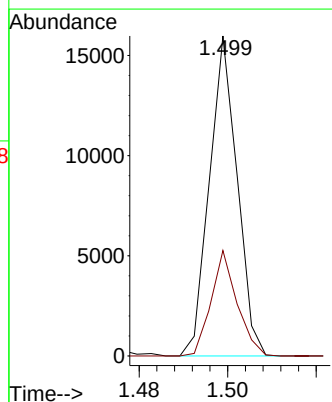
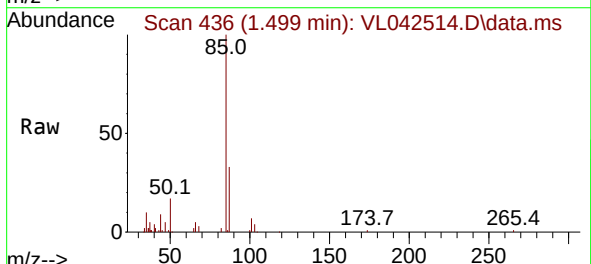
Manual Integrations
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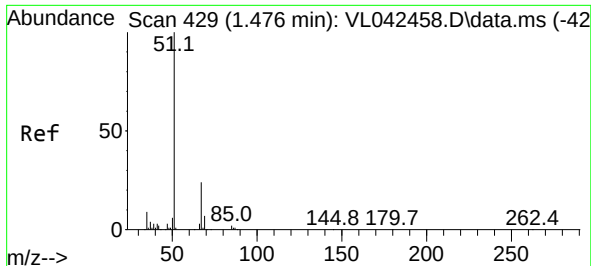
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.564 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

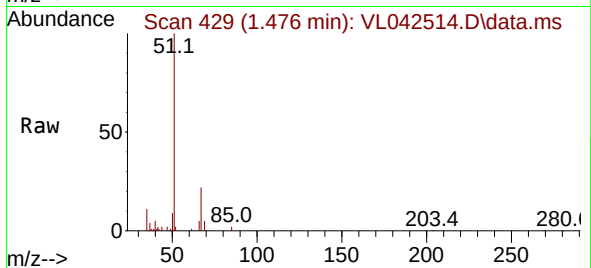
Tgt Ion: 85 Resp: 6978
Ion Ratio Lower Upper
85 100
87 32.9 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.541 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

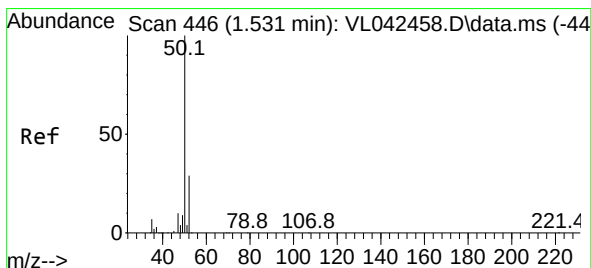
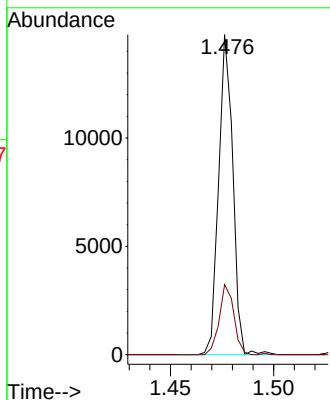
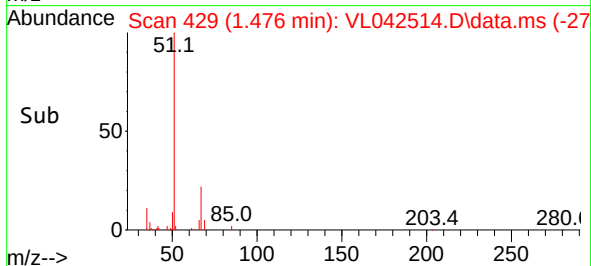
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 51 Resp: 7075
Ion Ratio Lower Upper
51 100
67 22.7 18.4 27.6

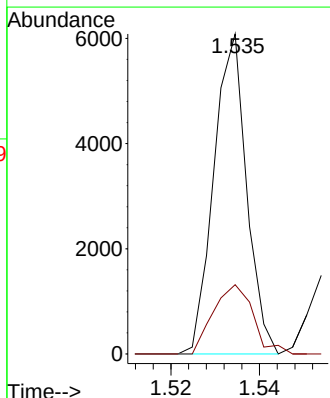
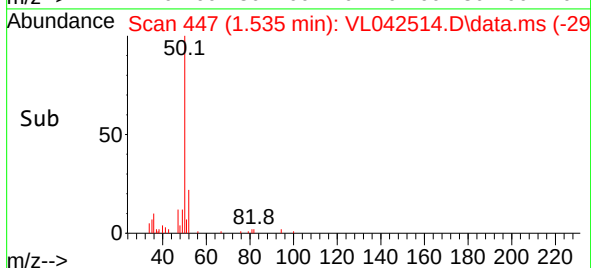
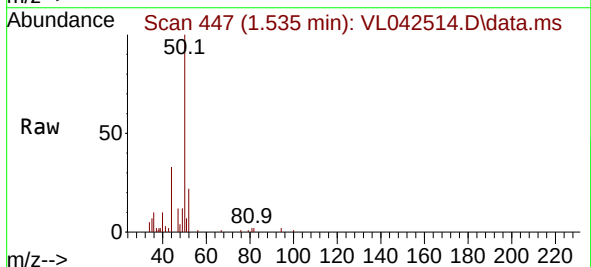
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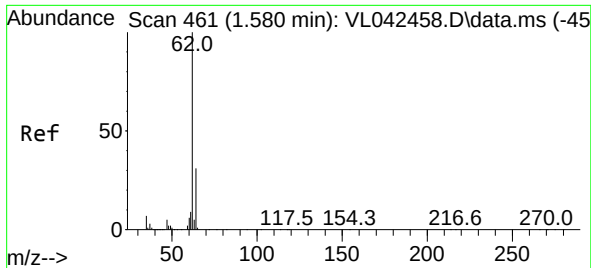
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.606 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

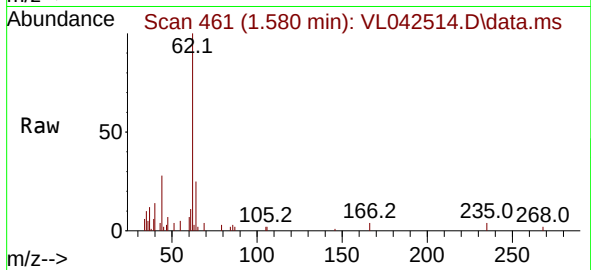
Tgt Ion: 50 Resp: 3132
Ion Ratio Lower Upper
50 100
52 21.6 23.5 35.3#





#5
 Vinyl Chloride
 Concen: 0.524 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

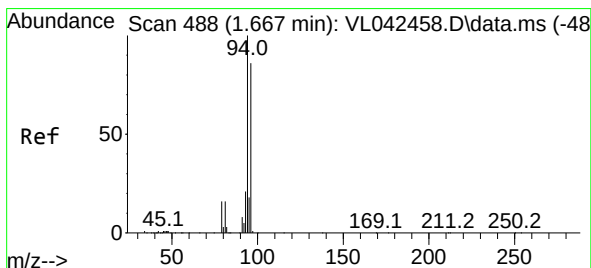
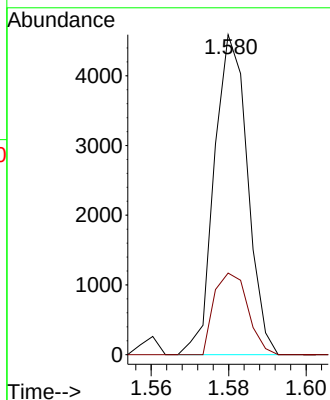
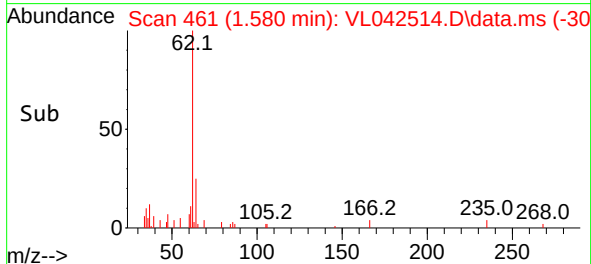
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



Tgt Ion: 62 Resp: 2730
 Ion Ratio Lower Upper
 62 100
 64 25.5 24.9 37.3

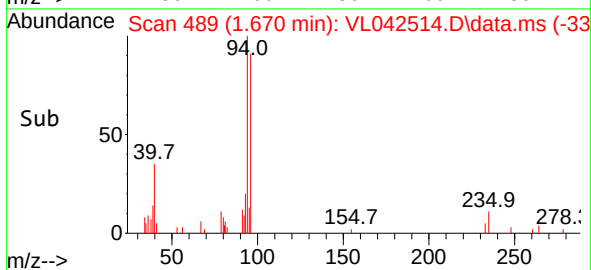
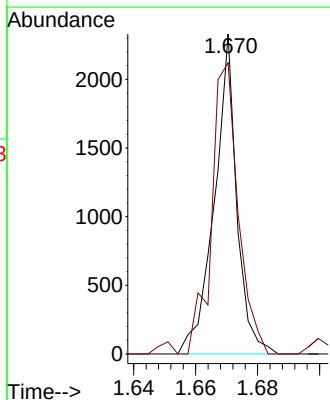
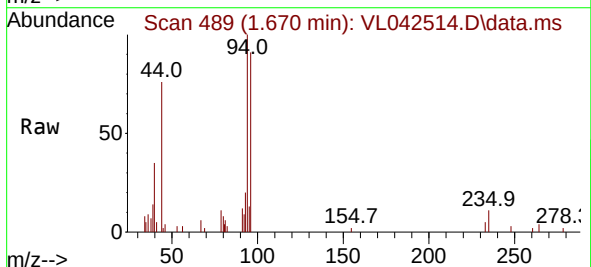
Manual Integrations
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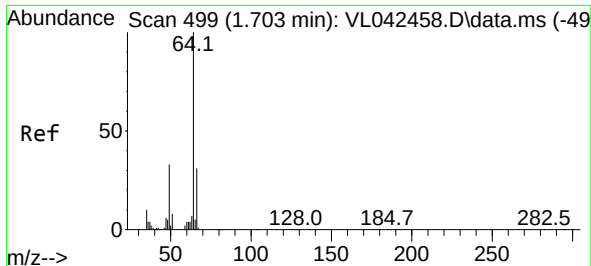
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.475 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

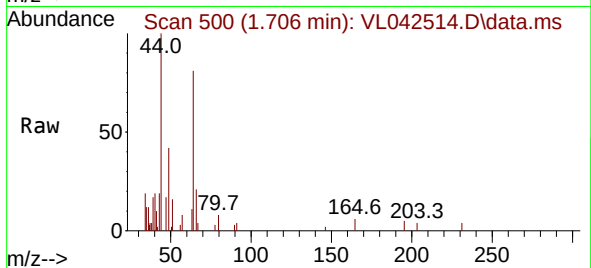
Tgt Ion: 94 Resp: 1168
 Ion Ratio Lower Upper
 94 100
 96 91.0 68.8 103.2





#7
Chloroethane
Concen: 0.599 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

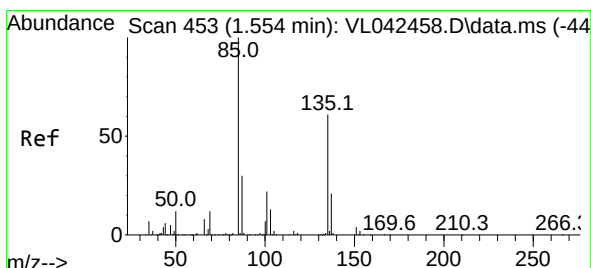
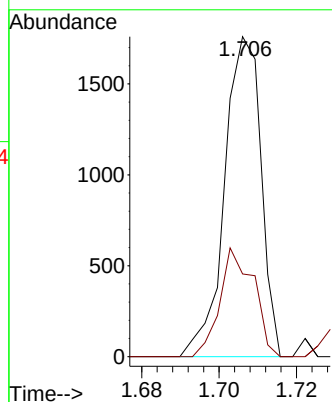
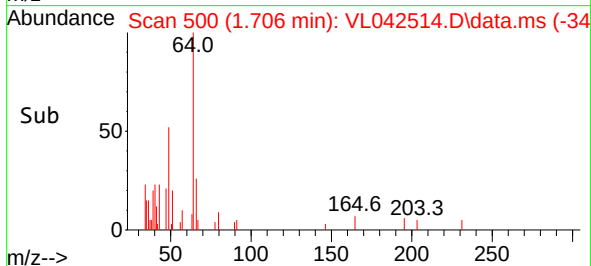
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



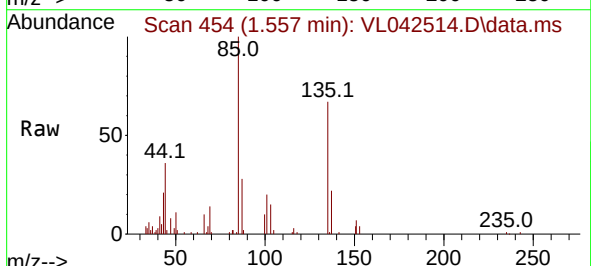
Tgt Ion: 64 Resp: 1152
Ion Ratio Lower Upper
64 100
66 25.9 25.0 37.4

Manual Integrations
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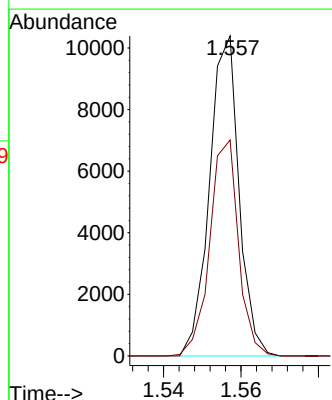
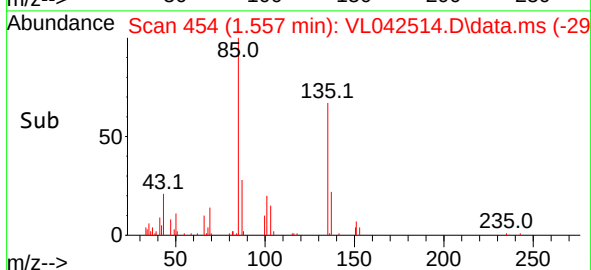
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

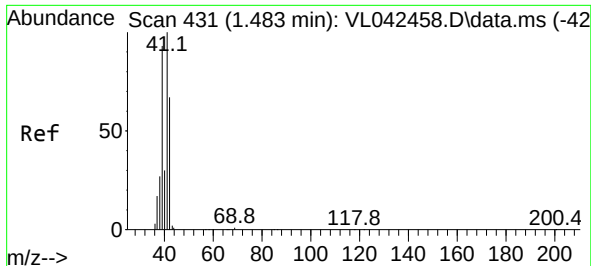


#8
Dichlorotetrafluoroethane
Concen: 0.539 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



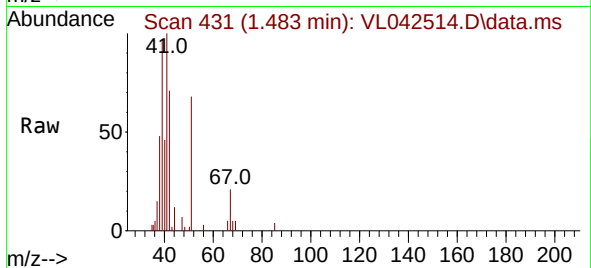
Tgt Ion: 85 Resp: 5498
Ion Ratio Lower Upper
85 100
135 65.7 49.8 74.8





#9
Propene
Concen: 0.386 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

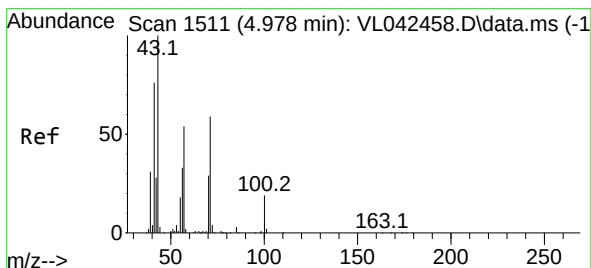
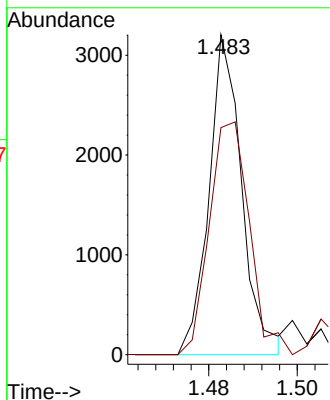
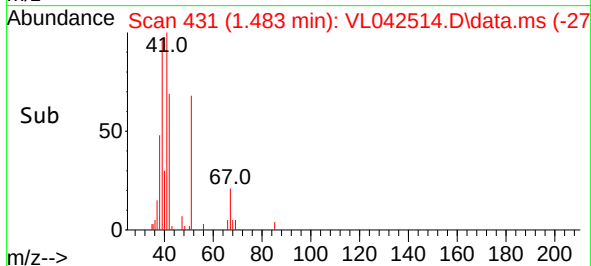
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



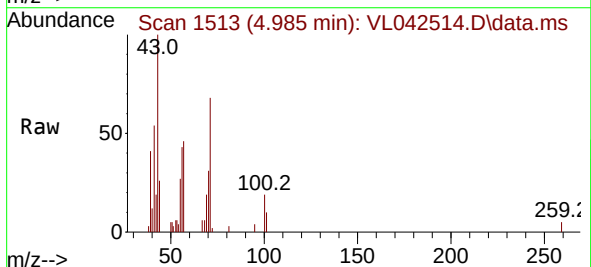
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Ion Ratio Lower Upper
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42 108.8 54.3 81.5

Manual Integrations
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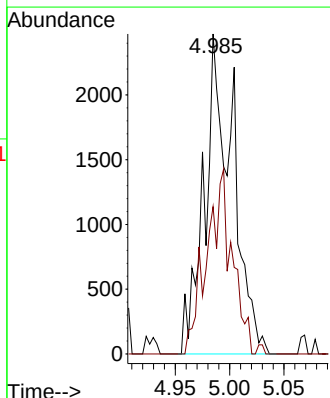
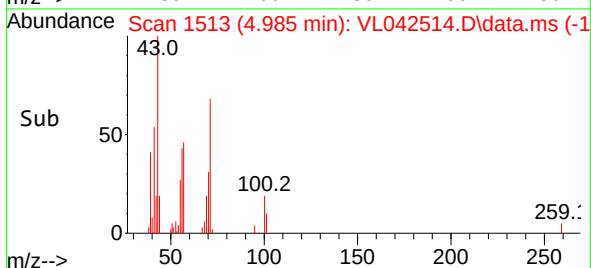
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

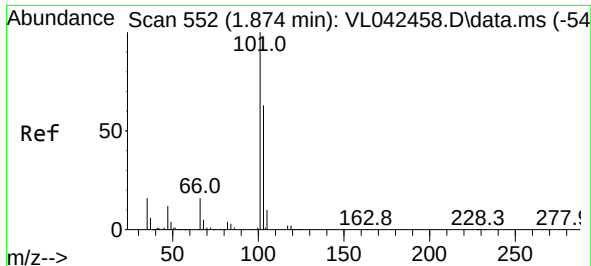


#10
Heptane
Concen: 0.404 ppbv m
RT: 4.985 min Scan# 1513
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



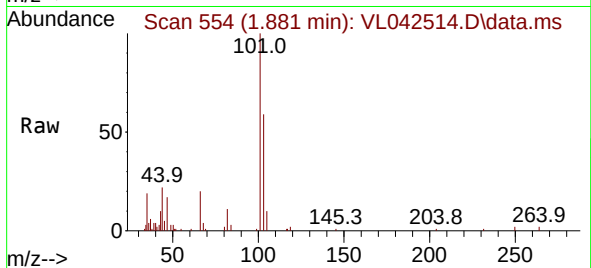
Tgt Ion: 43 Resp: 4480
Ion Ratio Lower Upper
43 100
57 0.0 41.8 62.8





#11
Trichlorofluoromethane
Concen: 0.601 ppbv
RT: 1.881 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

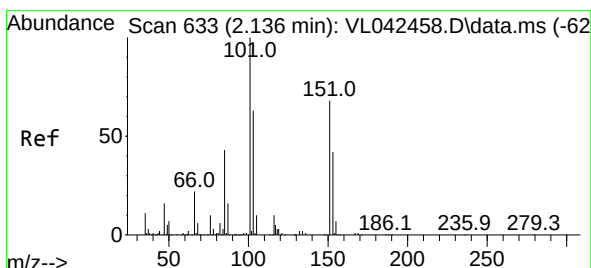
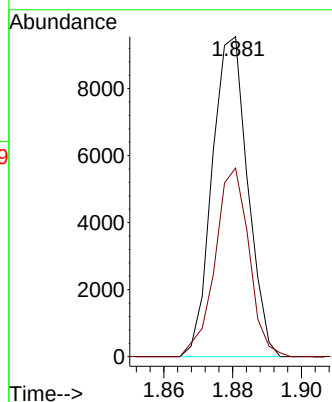
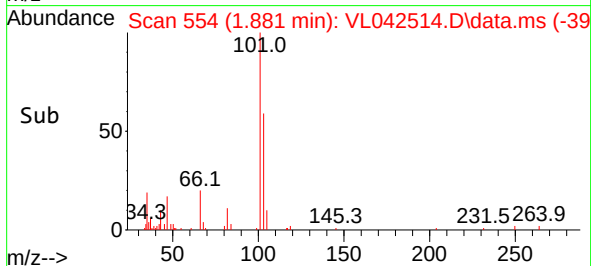
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



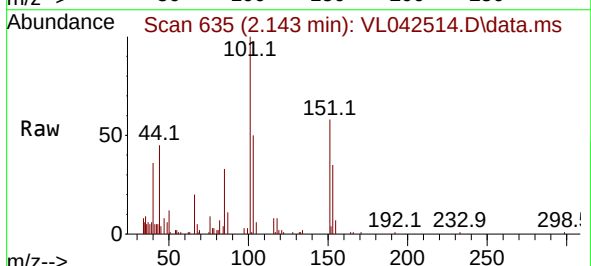
Tgt Ion:101 Resp: 6860
Ion Ratio Lower Upper
101 100
103 59.0 50.6 76.0

Manual Integrations
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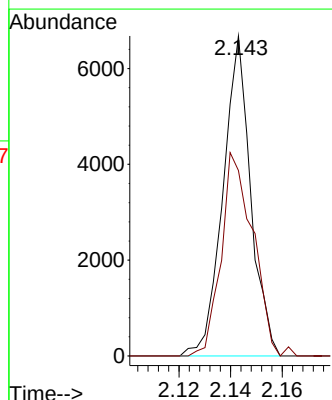
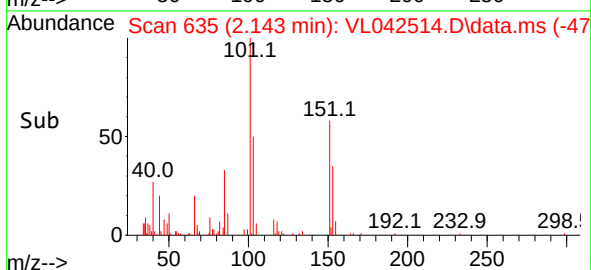
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

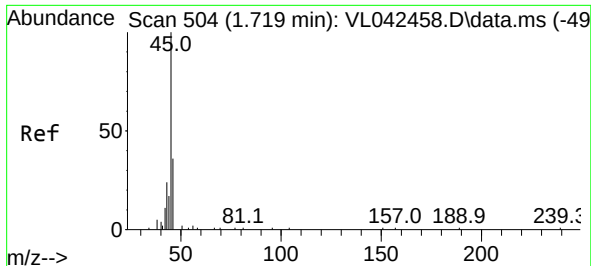


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.546 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



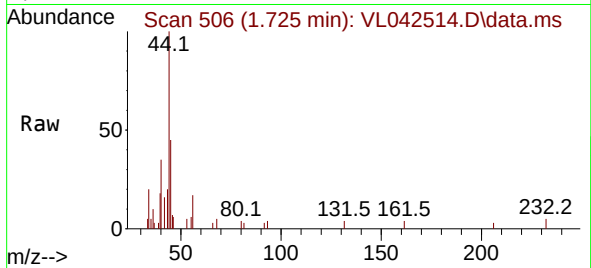
Tgt Ion:101 Resp: 4979
Ion Ratio Lower Upper
101 100
151 73.1 54.6 82.0





#13
Ethanol
Concen: 0.586 ppbv m
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

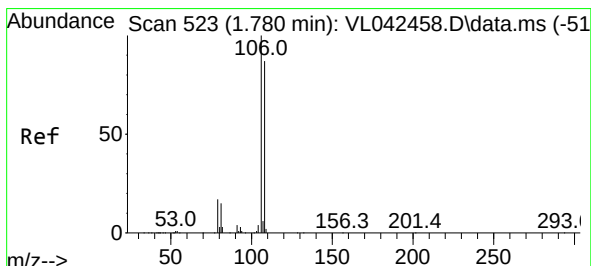
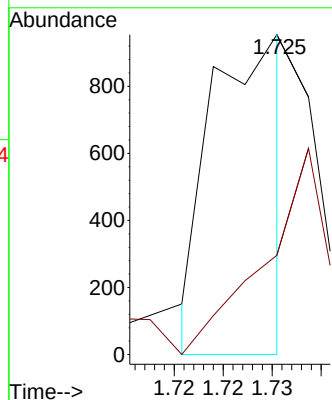
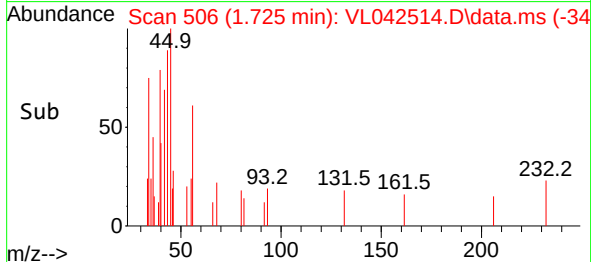
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



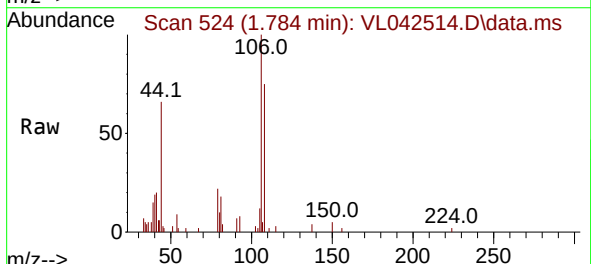
Tgt Ion: 45 Resp: 509
Ion Ratio Lower Upper
45 100
46 60.3 15.3 61.1

Manual Integrations
APPROVED

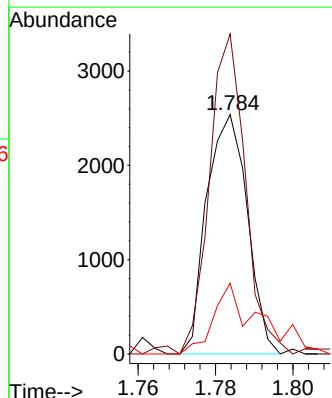
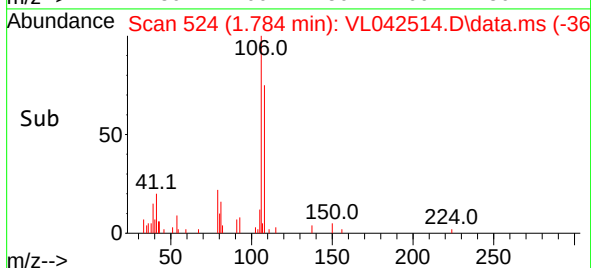
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

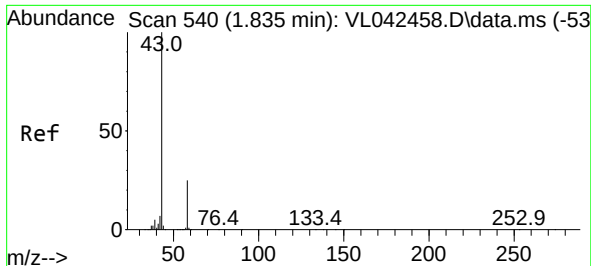


#14
Bromoethene
Concen: 0.550 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



Tgt Ion:108 Resp: 1850
Ion Ratio Lower Upper
108 100
106 120.7 88.8 133.2
79 42.3 17.1 25.7#





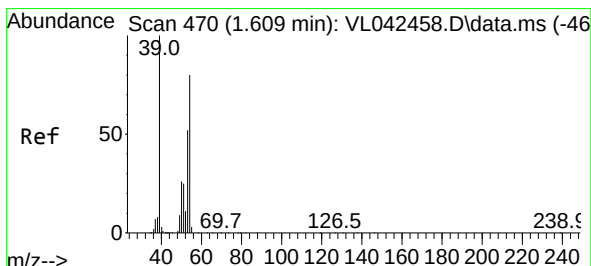
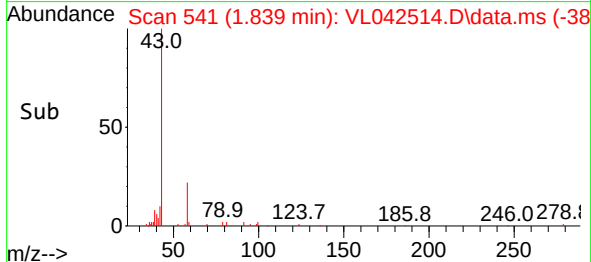
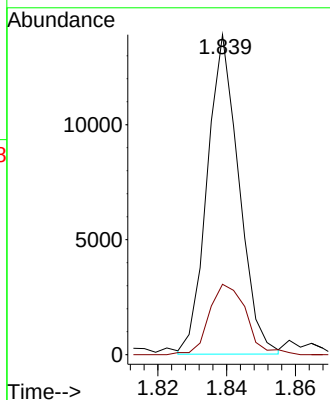
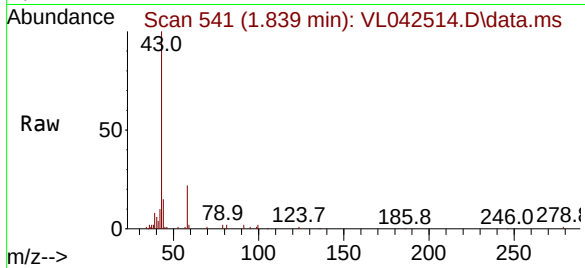
#15
Acetone
Concen: 0.652 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 43 Resp: 8890
Ion Ratio Lower Upper
43 100
58 25.7 19.8 29.8

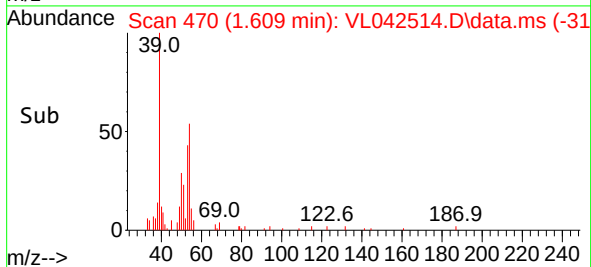
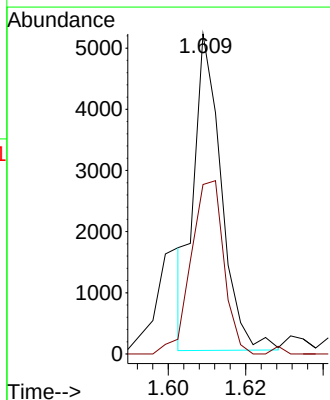
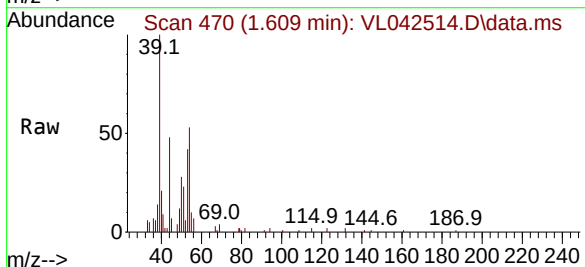
Manual Integrations
APPROVED

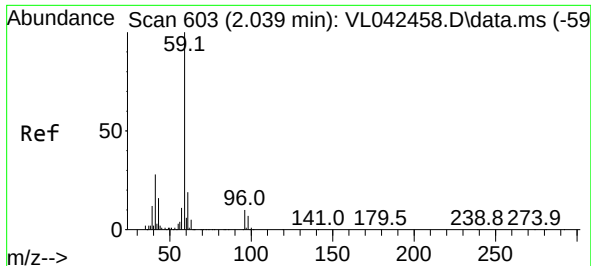
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
1,3-Butadiene
Concen: 0.419 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

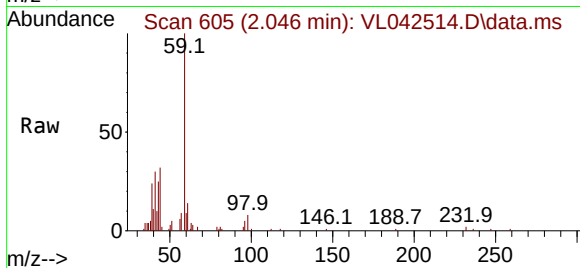
Tgt Ion: 39 Resp: 2523
Ion Ratio Lower Upper
39 100
54 66.9 55.2 82.8





#17
tert-Butyl alcohol
Concen: 0.509 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

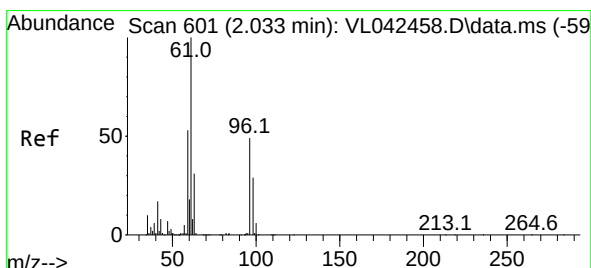
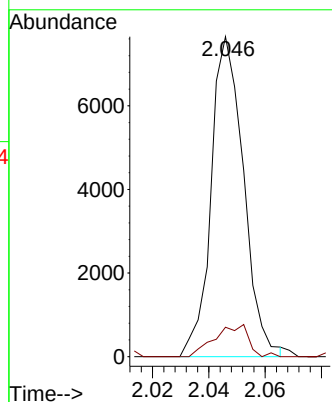
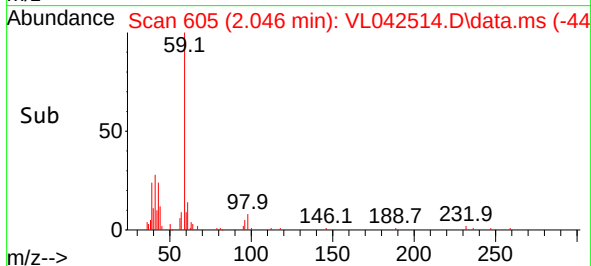
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



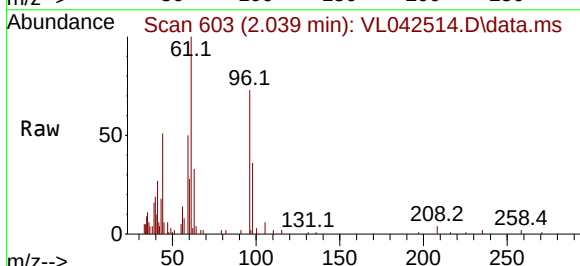
Tgt Ion: 59 Resp: 6119
Ion Ratio Lower Upper
59 100
57 11.8 8.3 12.5

Manual Integrations
APPROVED

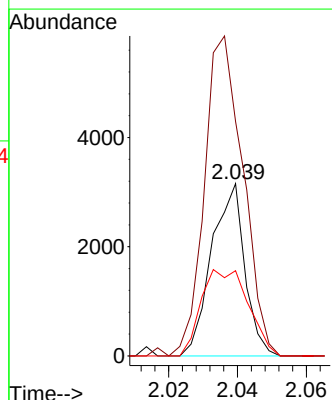
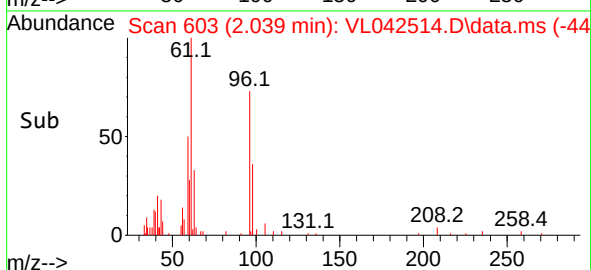
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

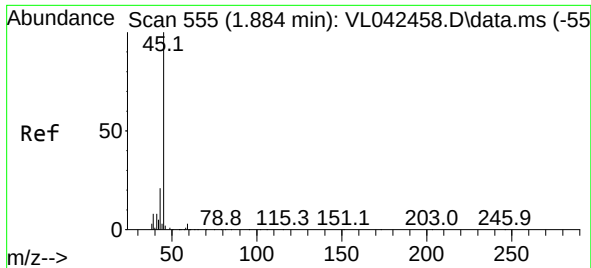


#18
1,1-Dichloroethene
Concen: 0.496 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



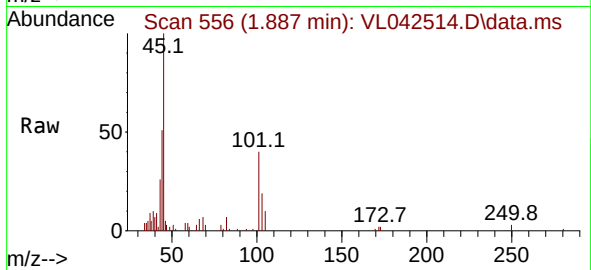
Tgt Ion: 96 Resp: 2112
Ion Ratio Lower Upper
96 100
61 136.1 164.9 247.3#
98 49.5 48.2 72.2





#19
Isopropyl Alcohol
Concen: 0.552 ppbv
RT: 1.887 min Scan# 517
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

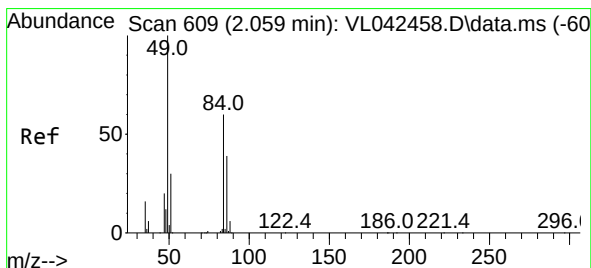
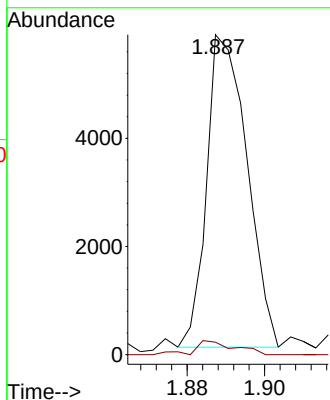
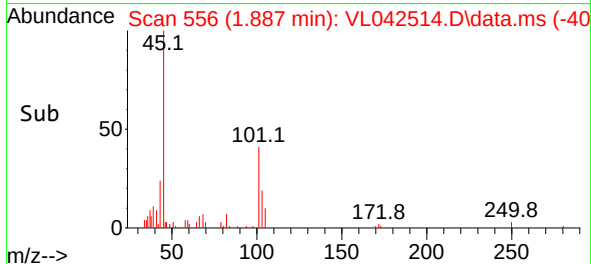
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



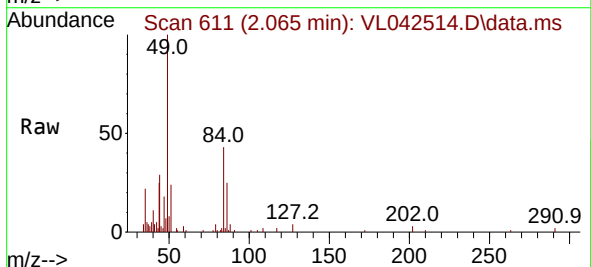
Tgt Ion: 45 Resp: 417
Ion Ratio Lower Upper
45 100
58 4.0 1.6 2.4

Manual Integrations
APPROVED

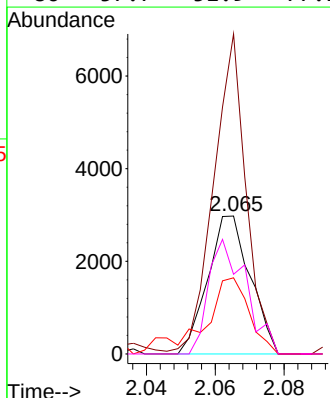
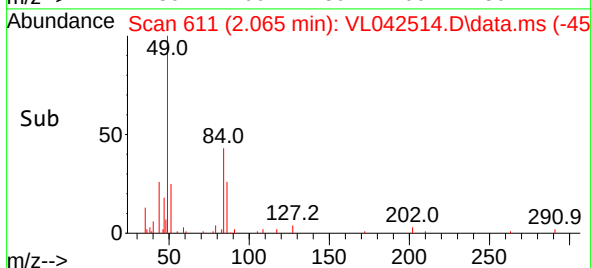
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

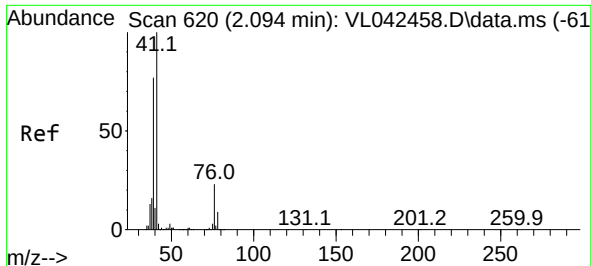


#20
Methylene Chloride
Concen: 0.623 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



Tgt Ion: 84 Resp: 2555
Ion Ratio Lower Upper
84 100
49 231.9 133.9 200.9#
51 55.2 41.0 61.6
86 57.7 51.9 77.9





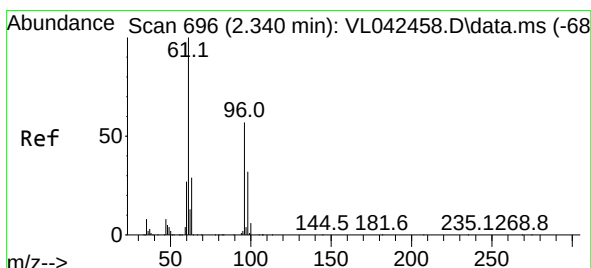
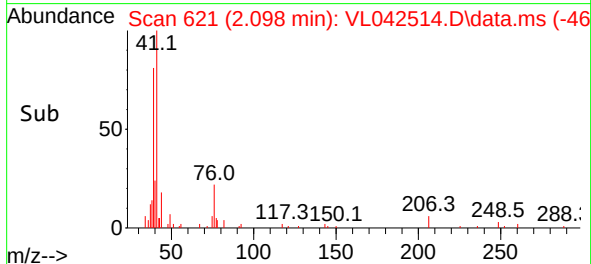
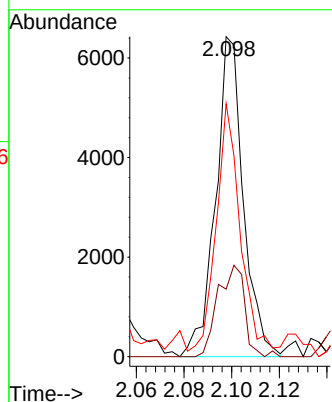
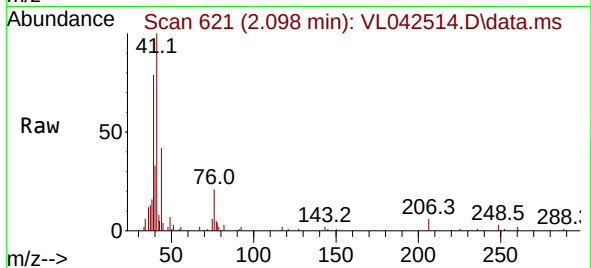
#21
 Allyl Chloride
 Concen: 0.593 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

Tgt Ion: 41	Resp: 520
Ion Ratio	Lower Upper
41 100	
76 27.6	19.6 29.4
39 76.0	61.0 91.4

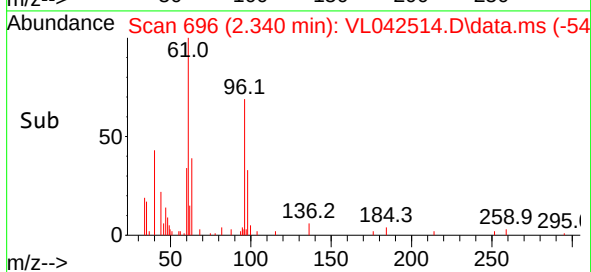
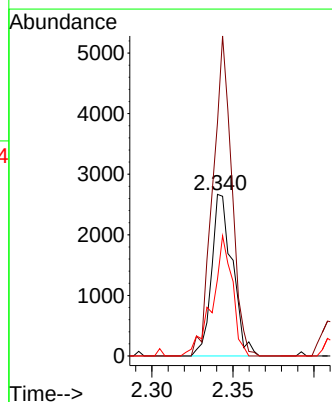
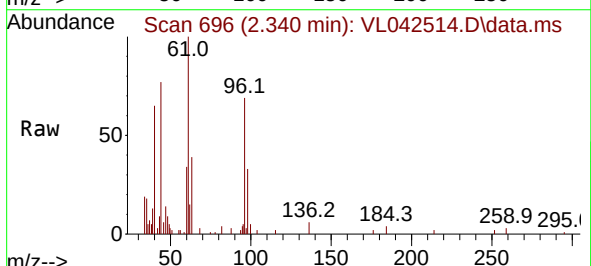
Manual Integrations
 APPROVED

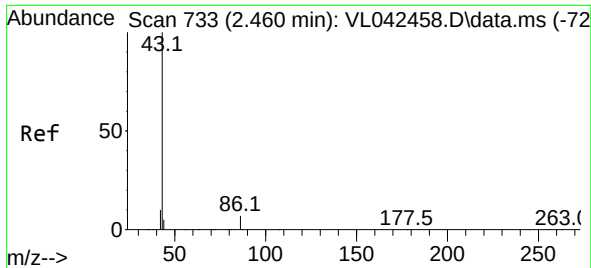
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.478 ppbv m
 RT: 2.340 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

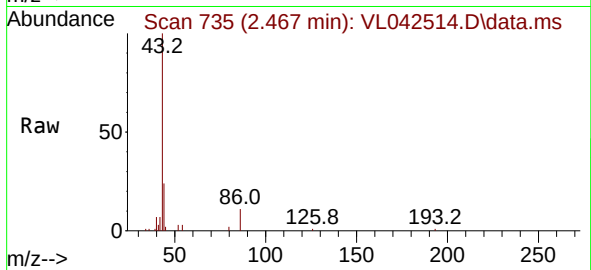
Tgt Ion: 96	Resp: 2378
Ion Ratio	Lower Upper
96 100	
61 144.4	141.8 212.6
98 47.5	45.0 67.6





#23
 Vinyl Acetate
 Concen: 0.557 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

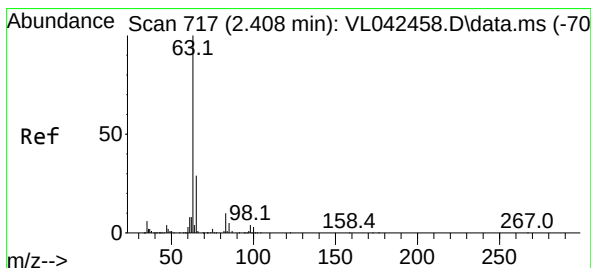
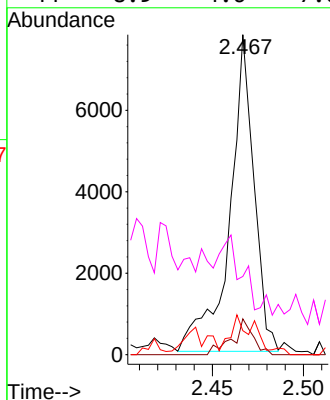
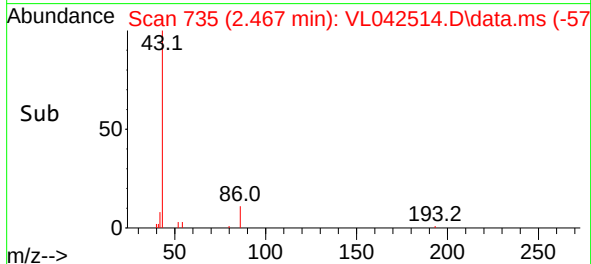
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



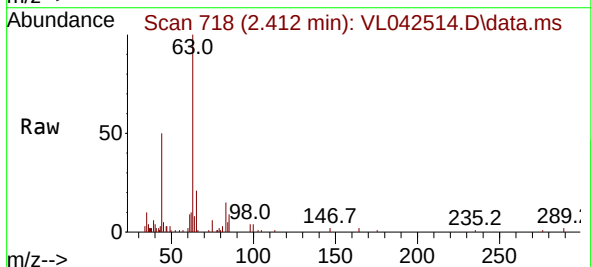
Tgt Ion: 43 Resp: 725
 Ion Ratio Lower Upper
 43 100
 86 11.3 5.5 8.3
 42 5.5 8.3 12.5
 44 8.9 4.6 7.0

Manual Integrations
 APPROVED

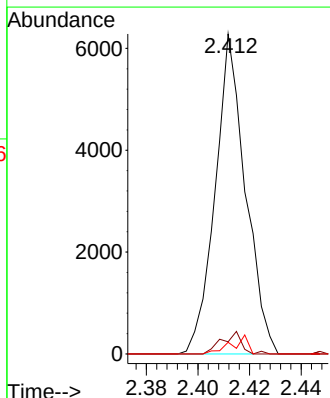
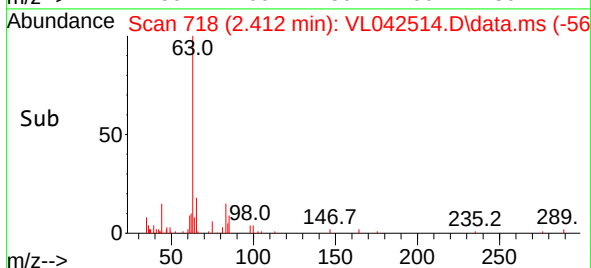
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

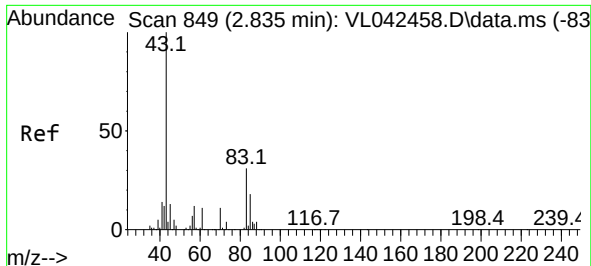


#24
 1,1-Dichloroethane
 Concen: 0.505 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43



Tgt Ion: 63 Resp: 5121
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.8 5.5
 100 3.7 1.4 4.2





#25

Ethyl Acetate

Concen: 0.456 ppbv m

RT: 2.845 min Scan# 849

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

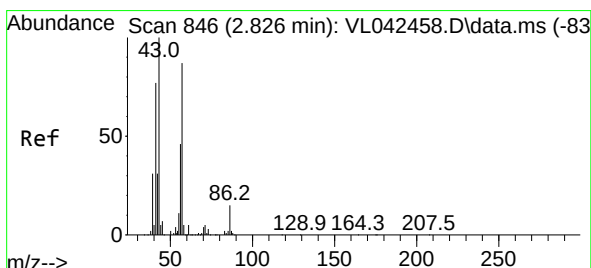
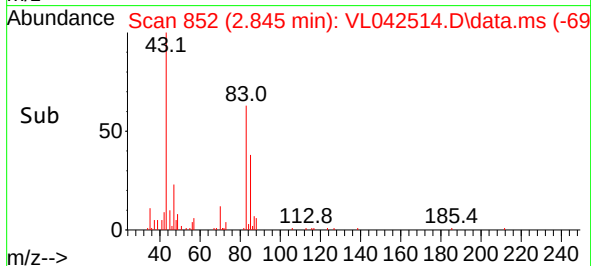
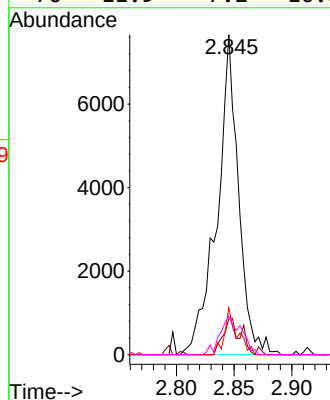
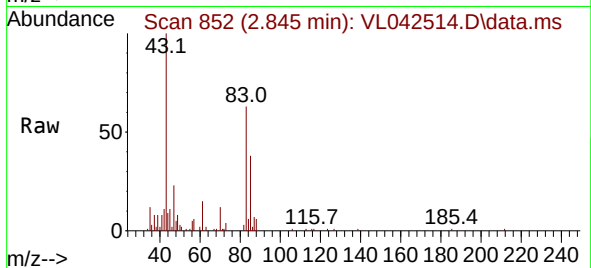
MDL3 0.45

Tgt Ion: 43	Resp: 995
Ion Ratio	Lower Upper
43 100	
45 10.5	7.8 11.6
61 8.5	7.2 10.8
70 11.9	7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#26

Hexane

Concen: 0.373 ppbv

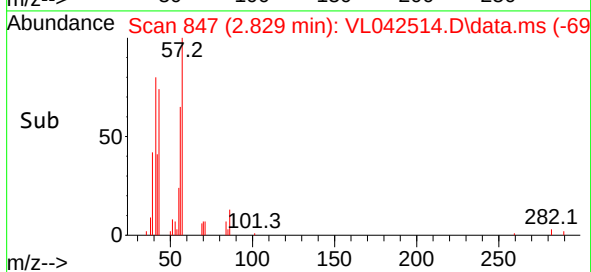
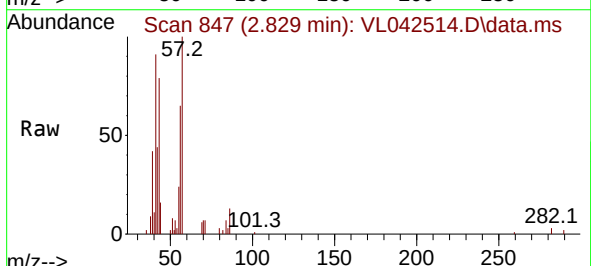
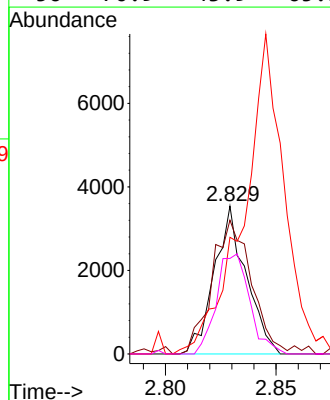
RT: 2.829 min Scan# 847

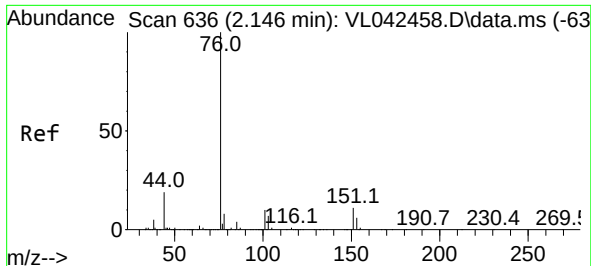
Delta R.T. 0.003 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion: 57	Resp: 3552
Ion Ratio	Lower Upper
57 100	
41 120.0	77.8 116.8
43 283.3	187.0 280.6
56 70.9	43.9 65.9





#27

Carbon Disulfide

Concen: 0.511 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042514.D

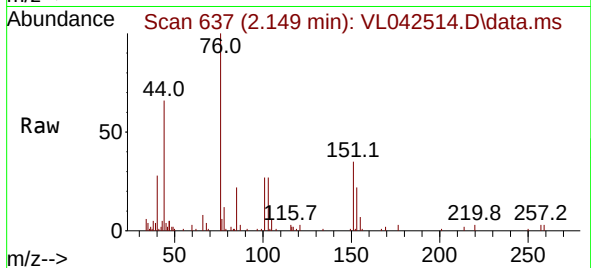
Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45



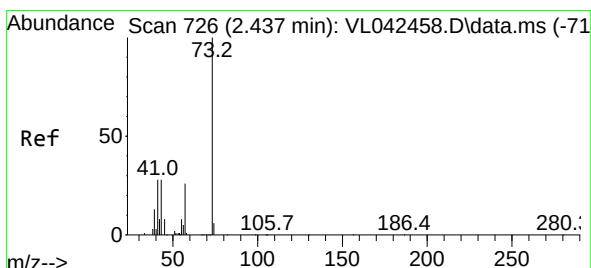
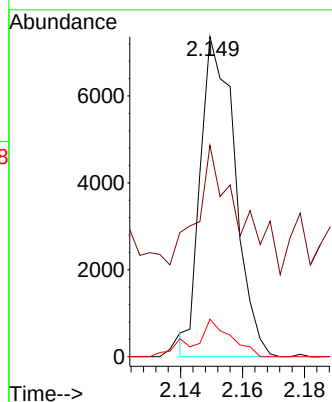
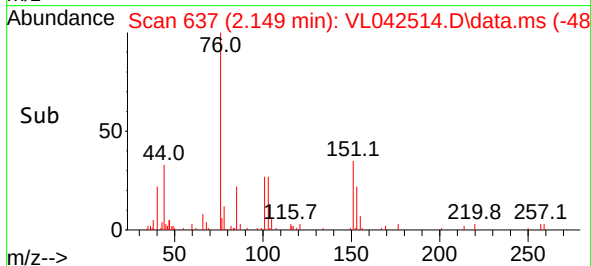
Tgt Ion:	76	Resp:	5680
Ion Ratio	100	Lower	Upper
76	100		
44	179.5	21.0	31.6
78	12.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#28

Methyl tert-Butyl Ether

Concen: 0.476 ppbv

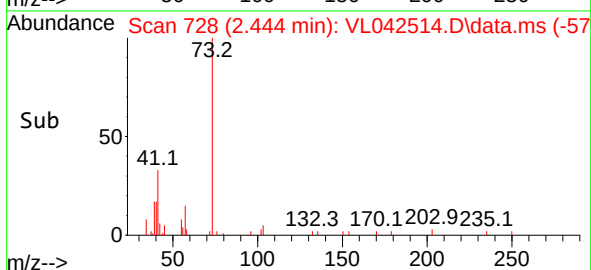
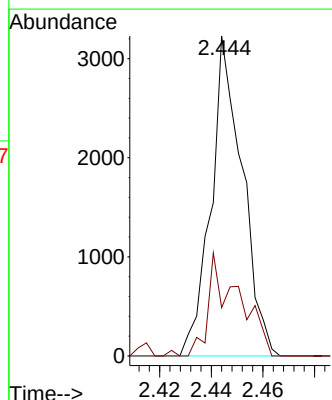
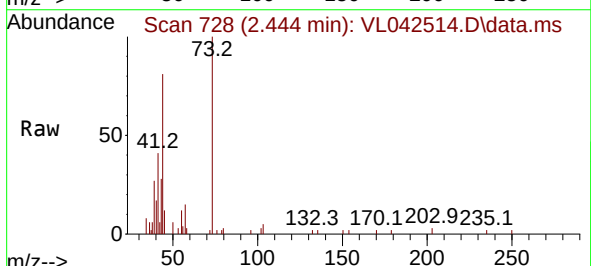
RT: 2.444 min Scan# 728

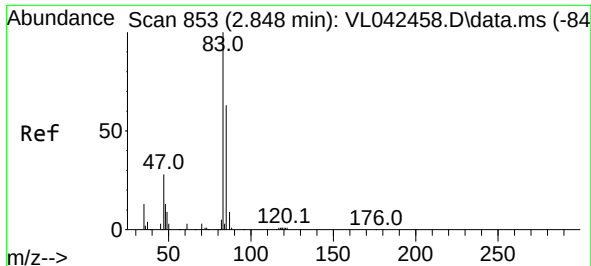
Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion:	73	Resp:	2720
Ion Ratio	100	Lower	Upper
73	100		
57	31.6	19.9	29.9





#29

Chloroform

Concen: 0.524 ppbv

RT: 2.855 min Scan# 853

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

Tgt Ion: 83 Resp: 934

Ion Ratio Lower Upper

83 100

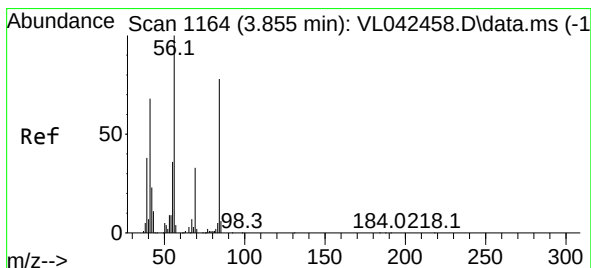
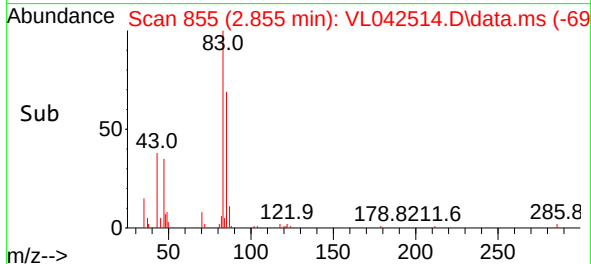
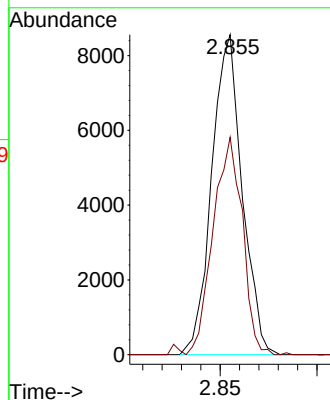
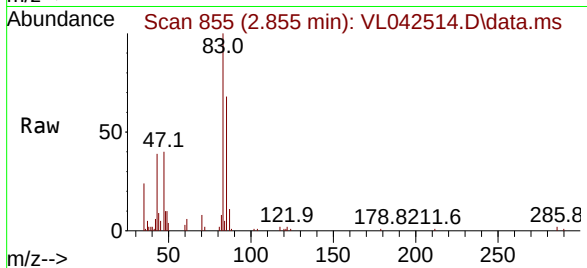
85 68.0 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 0.396 ppbv m

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

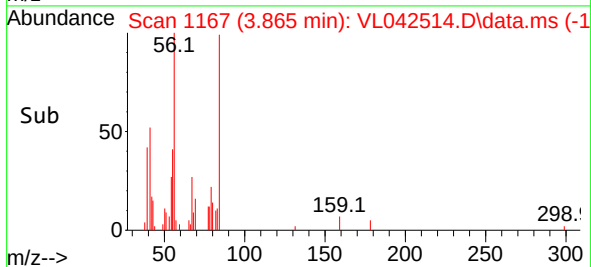
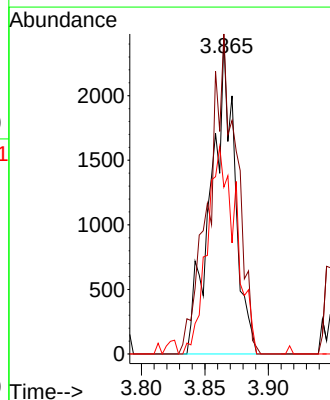
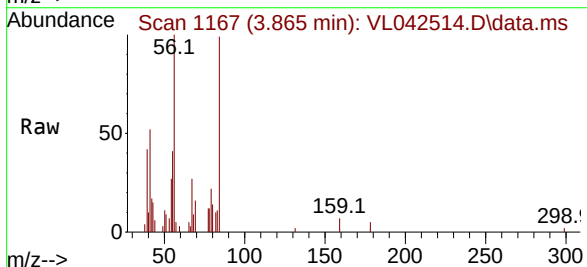
Tgt Ion: 84 Resp: 3149

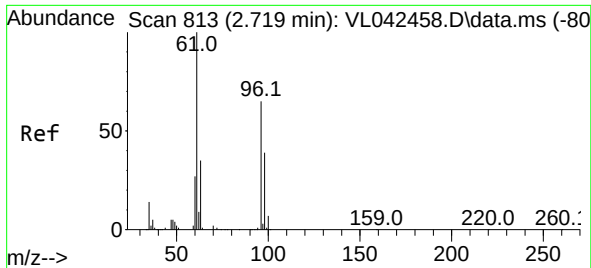
Ion Ratio Lower Upper

84 100

56 119.8 98.1 147.1

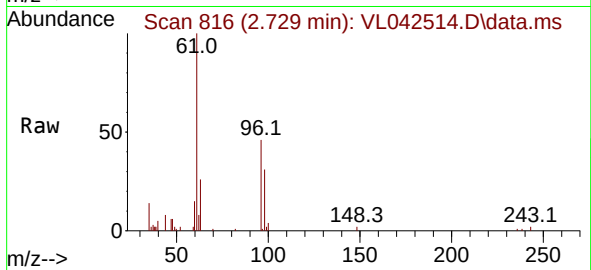
41 0.0 65.8 98.8#





#31
 cis-1,2-Dichloroethene
 Concen: 0.437 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

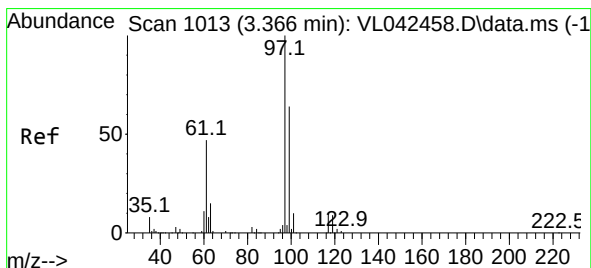
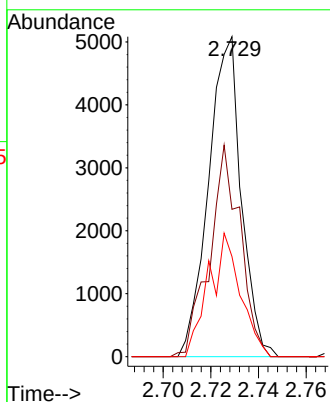
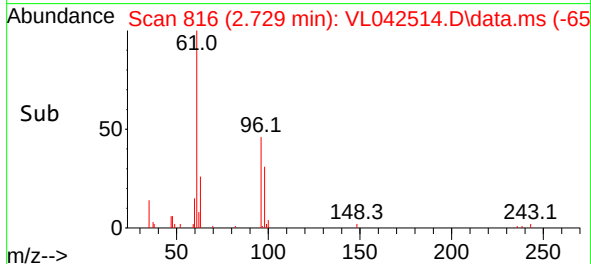
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



Tgt Ion: 61 Resp: 485
 Ion Ratio Lower Upper
 61 100
 96 46.1 52.0 78.0
 98 31.3 31.0 46.6

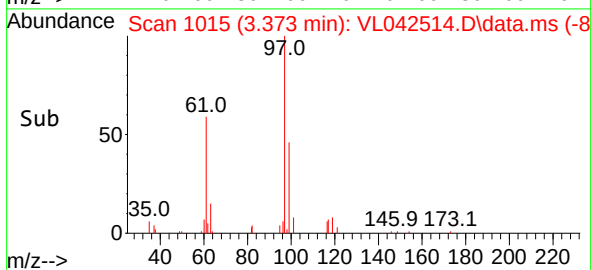
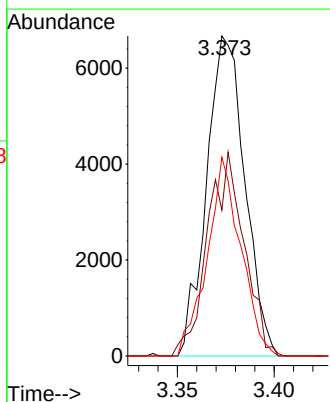
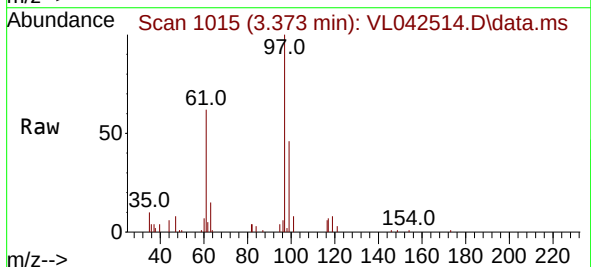
Manual Integrations
 APPROVED

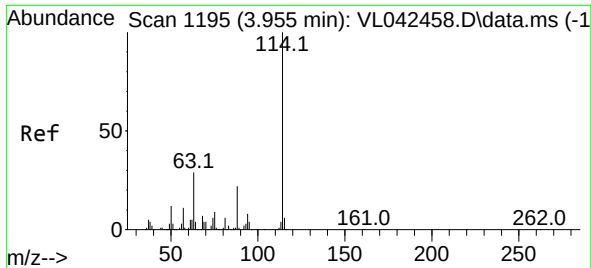
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.474 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion: 97 Resp: 9173
 Ion Ratio Lower Upper
 97 100
 99 60.9 50.7 76.1
 61 54.5 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

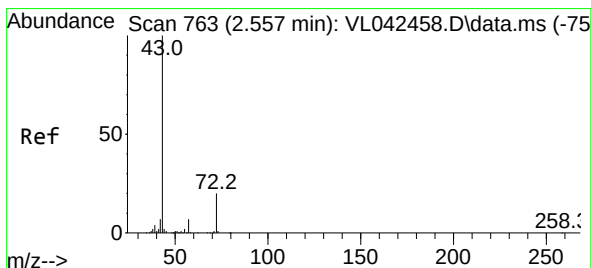
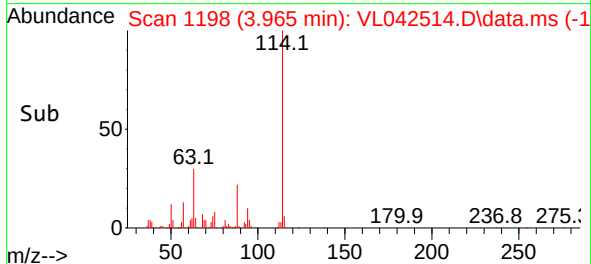
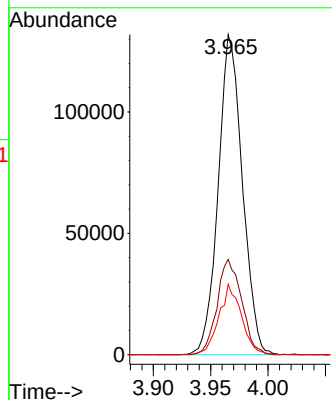
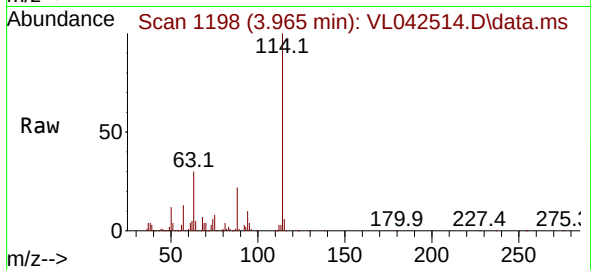
MDL3 0.45

Tgt Ion:	114	Resp:	193374
Ion	Ratio	Lower	Upper
114	100		
63	30.2	23.1	34.7
88	20.4	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.527 ppbv

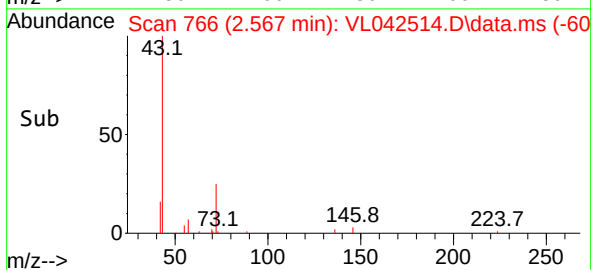
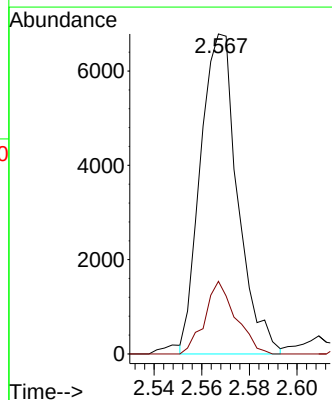
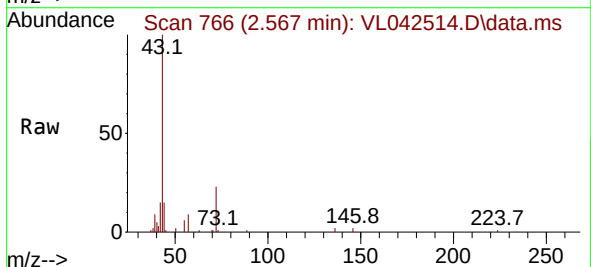
RT: 2.567 min Scan# 766

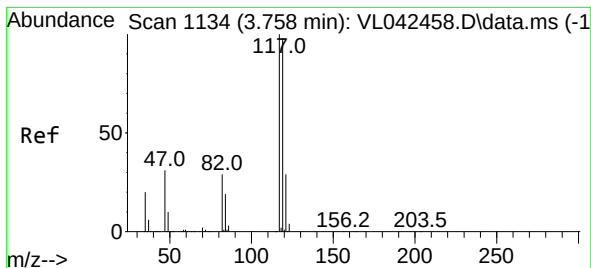
Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion:	43	Resp:	7373
Ion	Ratio	Lower	Upper
43	100		
72	18.9	16.7	25.1





#35

Carbon Tetrachloride

Concen: 0.529 ppbv m

RT: 3.768 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

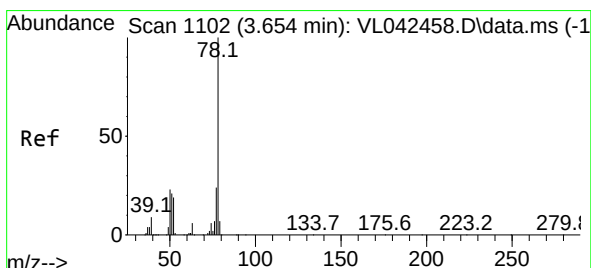
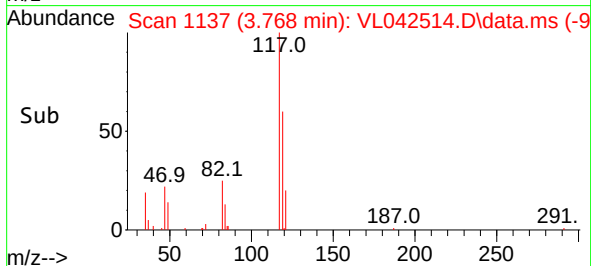
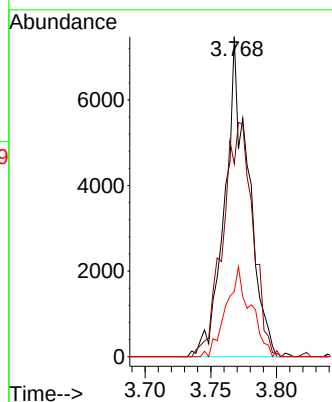
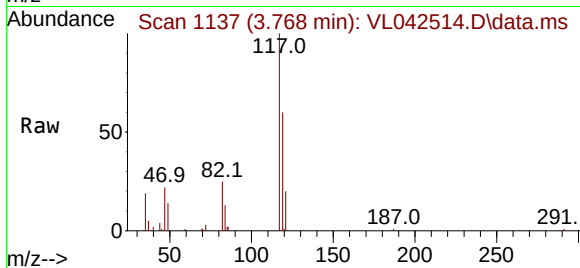
Tgt Ion: 117 Resp: 928

Ion	Ratio	Lower	Upper
117	100		
119	60.3	78.1	117.1
121	20.3	23.0	34.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#36

Benzene

Concen: 0.473 ppbv

RT: 3.661 min Scan# 1104

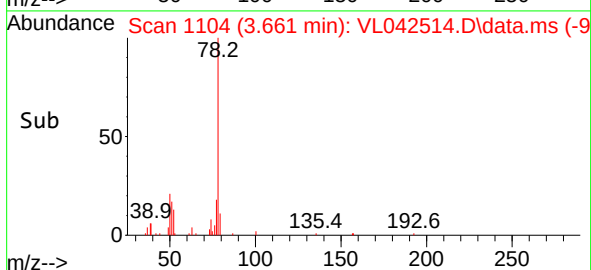
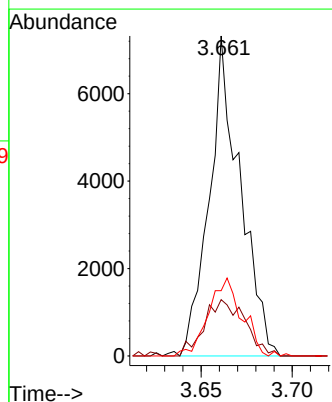
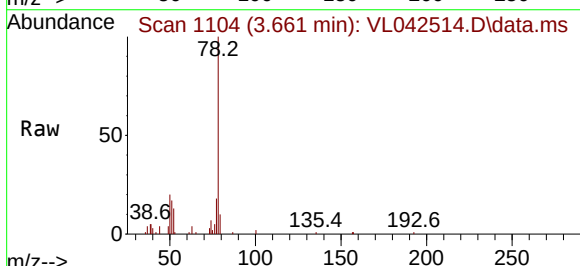
Delta R.T. 0.007 min

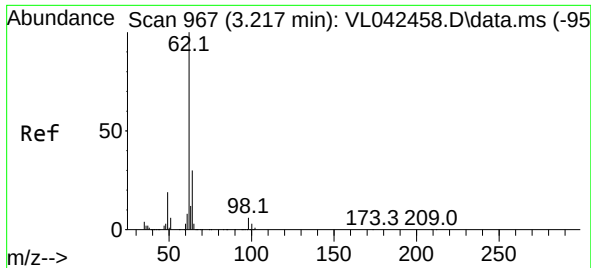
Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion: 78 Resp: 8632

Ion	Ratio	Lower	Upper
78	100		
77	17.6	18.9	28.3
50	20.4	18.4	27.6





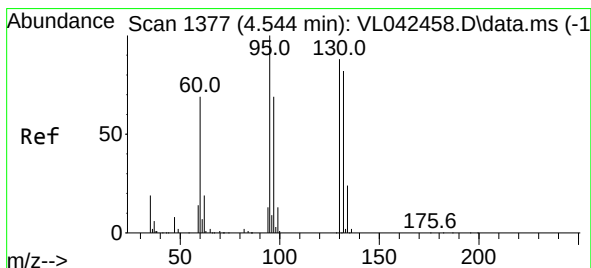
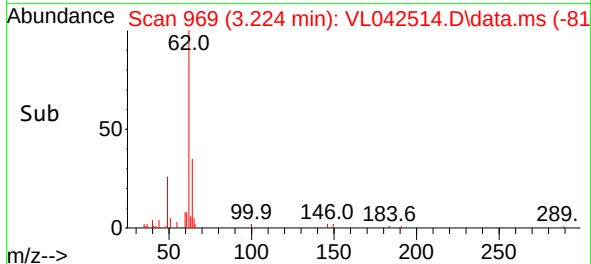
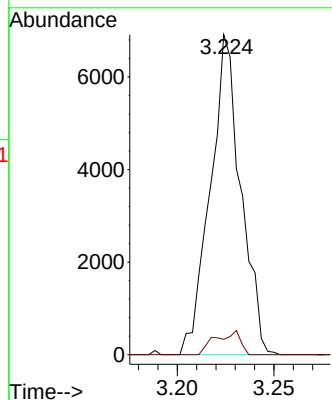
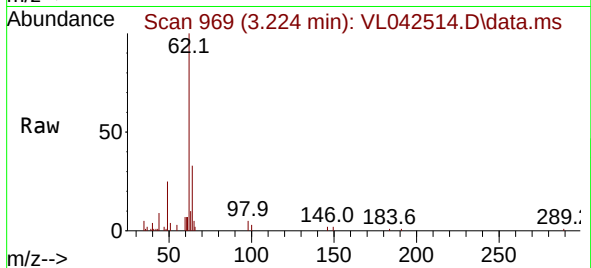
#37
1,2-Dichloroethane
Concen: 0.539 ppbv
RT: 3.224 min Scan# 967
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 62 Resp: 757
Ion Ratio Lower Upper
62 100
98 6.1 4.3 6.5

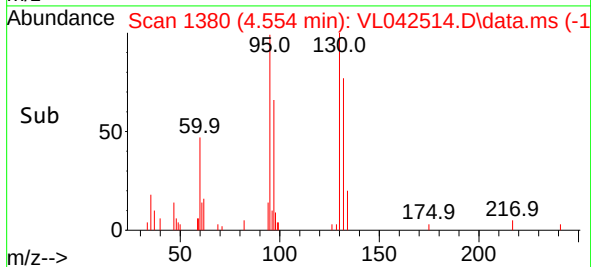
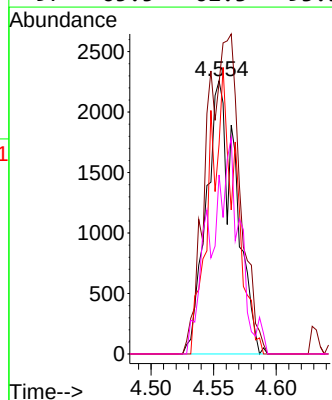
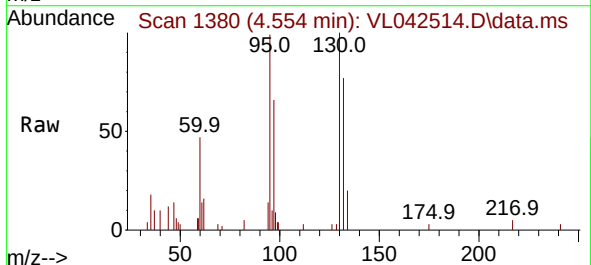
Manual Integrations
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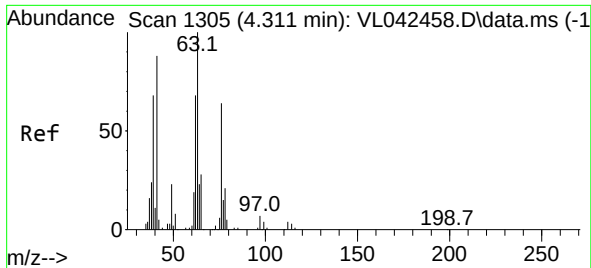
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.534 ppbv m
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:130 Resp: 3719
Ion Ratio Lower Upper
130 100
95 99.3 91.0 136.4
132 76.8 74.2 111.4
97 65.5 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.566 ppbv m

RT: 4.321 min Scan# 1305

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

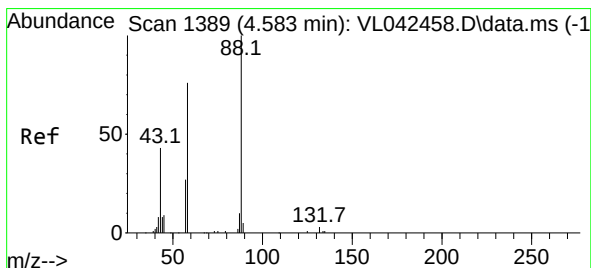
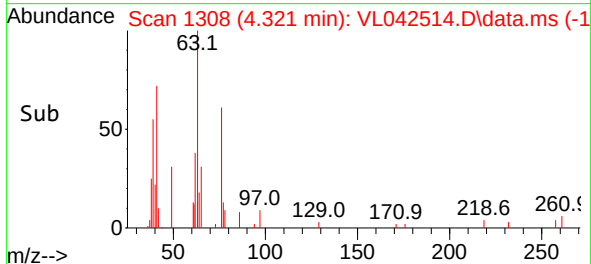
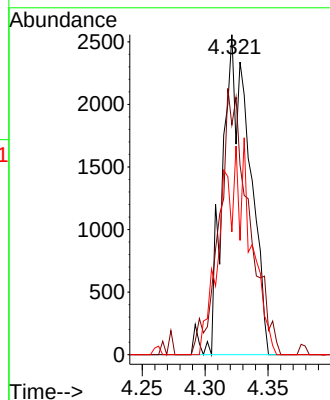
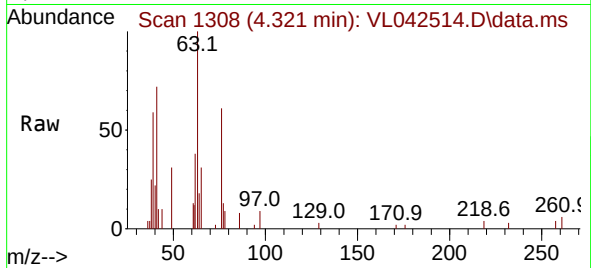
Tgt Ion: 63	Resp: 386
Ion Ratio	Lower Upper
63	100
41	71.8 69.8 104.6
62	38.4 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.425 ppbv m

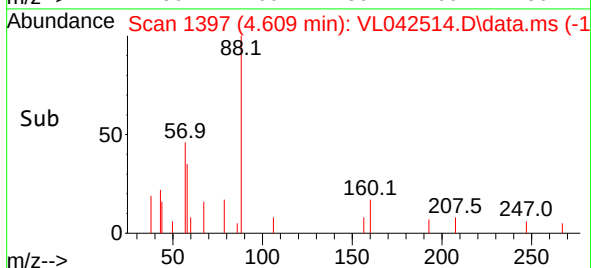
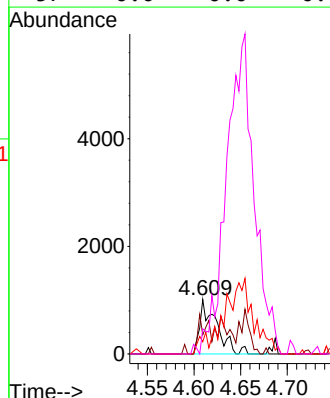
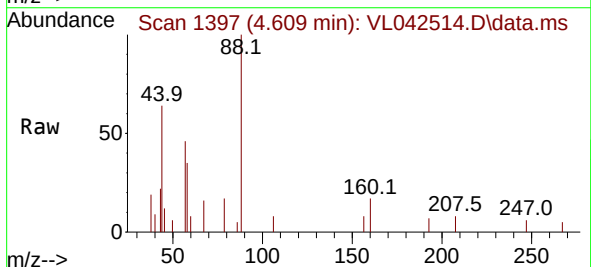
RT: 4.609 min Scan# 1397

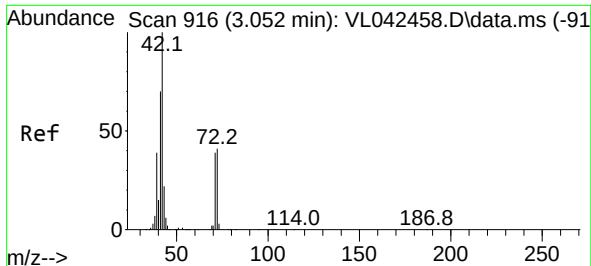
Delta R.T. 0.026 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

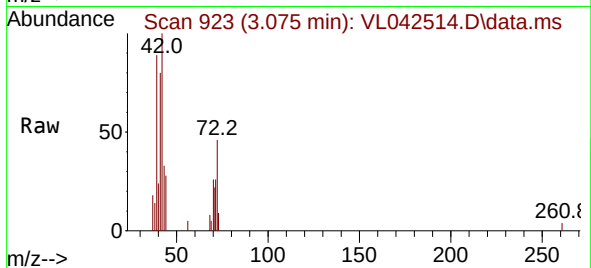
Tgt Ion: 88	Resp: 1360
Ion Ratio	Lower Upper
88	100
58	0.0 0.0 0.0
43	0.0 0.0 0.0
57	0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.382 ppbv
RT: 3.075 min Scan# 916
Delta R.T. 0.023 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

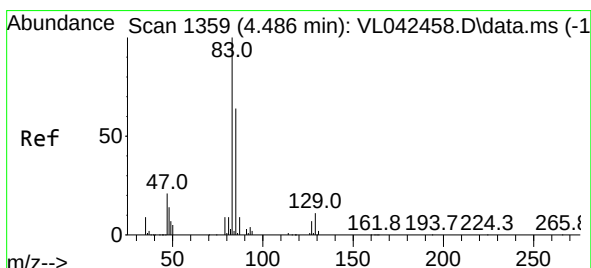
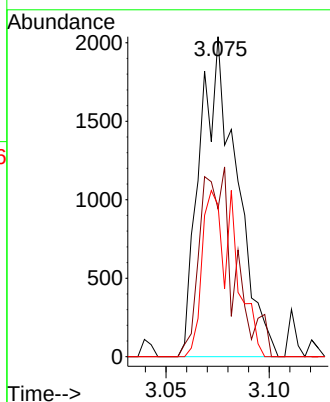
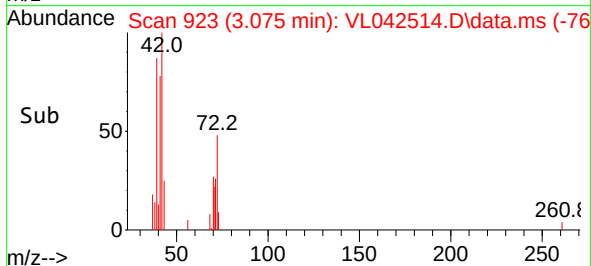
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



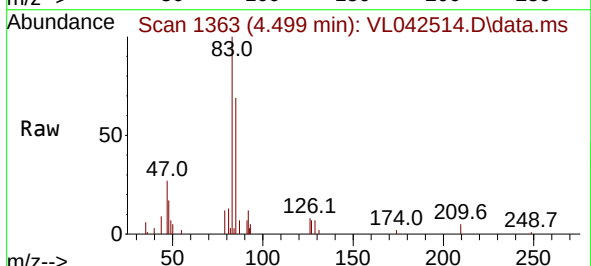
Tgt Ion: 42 Resp: 253
Ion Ratio Lower Upper
42 100
72 54.6 33.5 50.3
71 45.1 32.6 49.0

Manual Integrations
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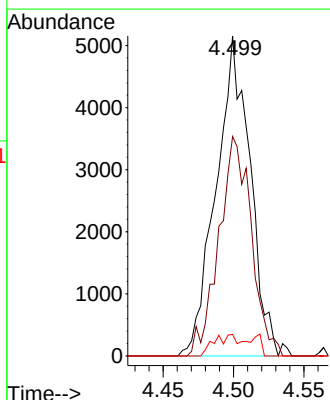
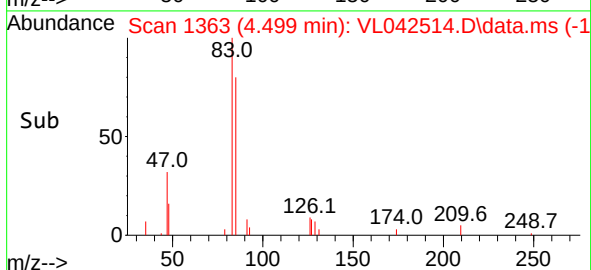
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

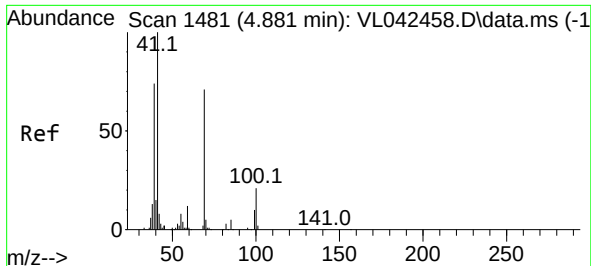


#42
Bromodichloromethane
Concen: 0.502 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



Tgt Ion: 83 Resp: 8625
Ion Ratio Lower Upper
83 100
85 68.6 51.5 77.3
127 6.8 5.4 8.2





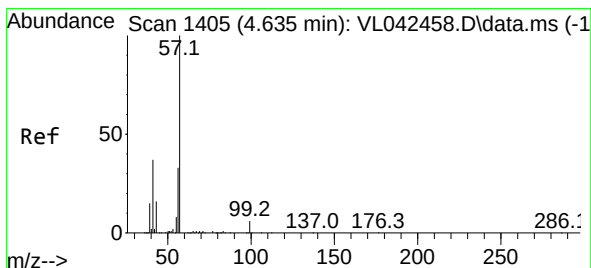
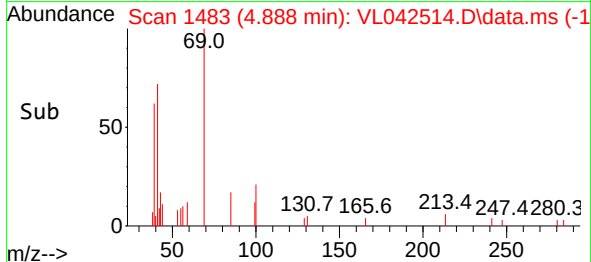
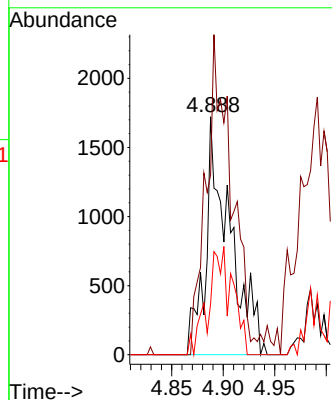
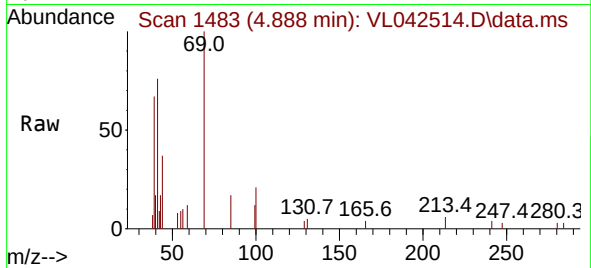
#43
Methyl Methacrylate
Concen: 0.412 ppbv m
RT: 4.888 min Scan# 1411
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 69 Resp: 280
Ion Ratio Lower Upper
69 100
41 143.5 120.8 181.2
100 0.0 26.7 40.1

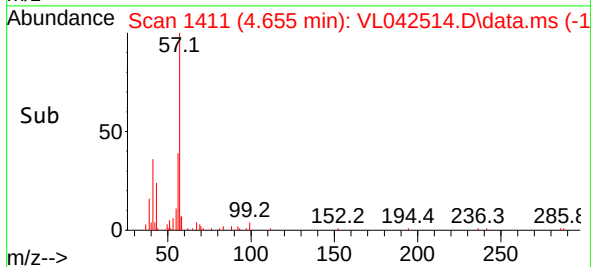
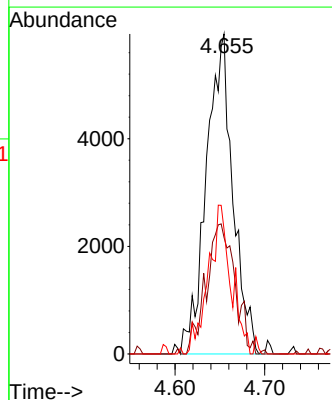
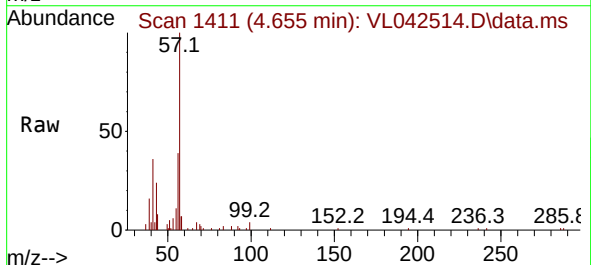
Manual Integrations
APPROVED

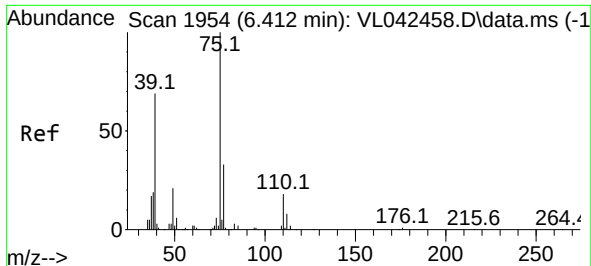
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 0.416 ppbv m
RT: 4.655 min Scan# 1411
Delta R.T. 0.020 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 57 Resp: 12303
Ion Ratio Lower Upper
57 100
41 44.0 30.6 45.8
56 40.3 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 0.356 ppbv m

RT: 6.428 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

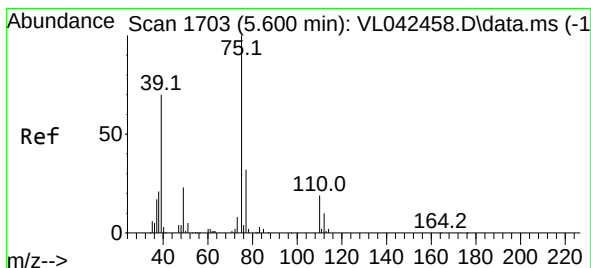
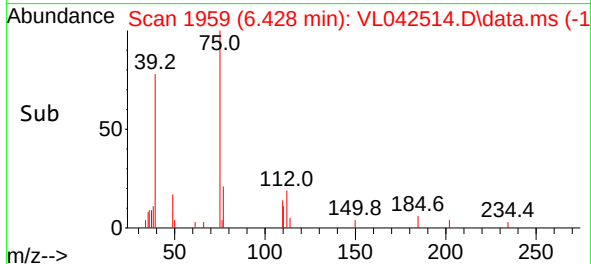
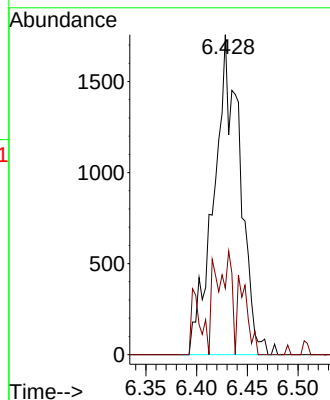
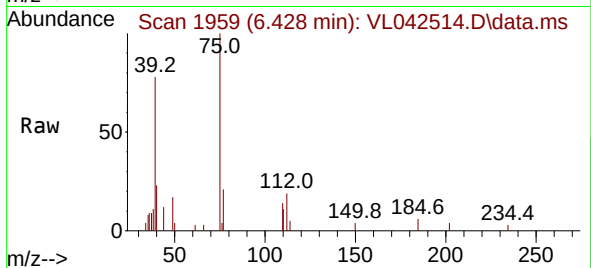
MDL3 0.45

Tgt Ion: 75 Resp: 318
 Ion Ratio Lower Upper
 75 100
 77 20.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#46

cis-1,3-Dichloropropene

Concen: 0.394 ppbv m

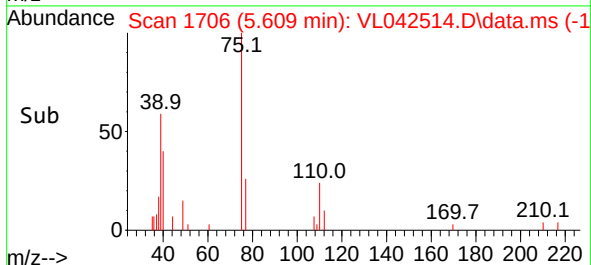
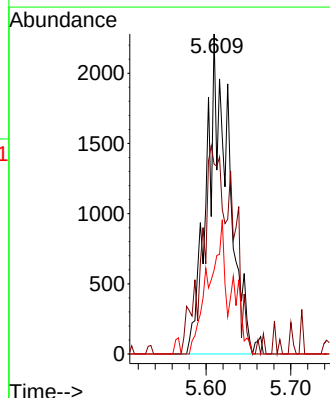
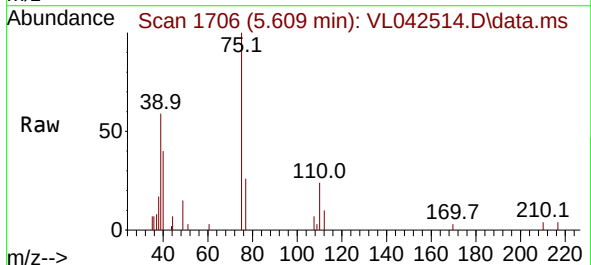
RT: 5.609 min Scan# 1706

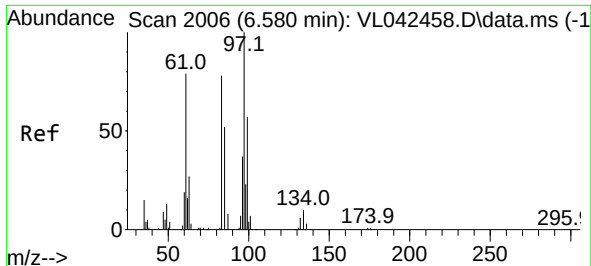
Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

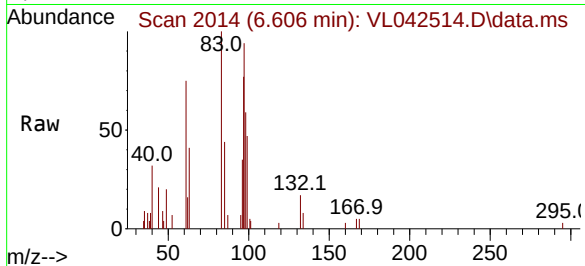
Tgt Ion: 75 Resp: 4182
 Ion Ratio Lower Upper
 75 100
 39 59.3 55.7 83.5
 77 26.3 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 0.555 ppbv m
RT: 6.606 min Scan# 2014
Delta R.T. 0.026 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

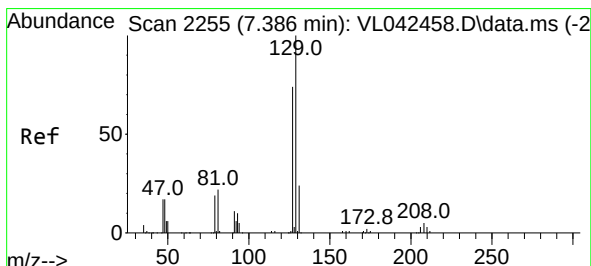
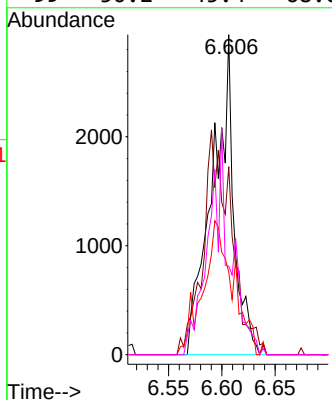
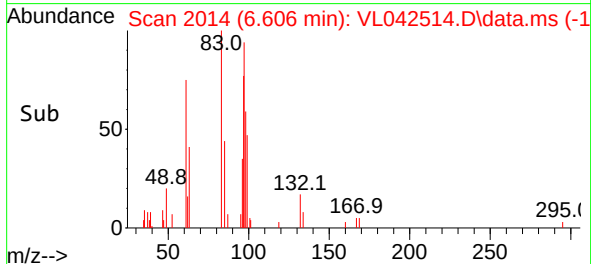
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 97 Resp: 4158
Ion Ratio Lower Upper
97 100
83 106.7 62.2 93.2
85 46.8 41.5 62.3
99 50.2 45.4 68.0

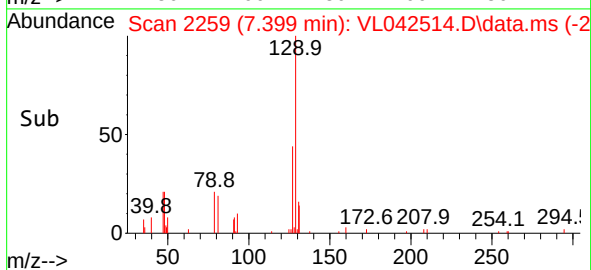
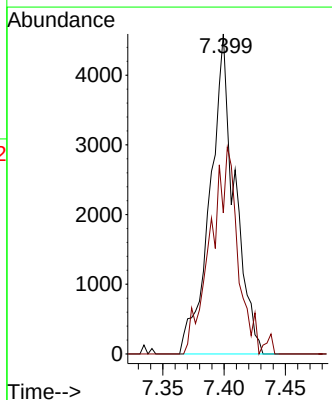
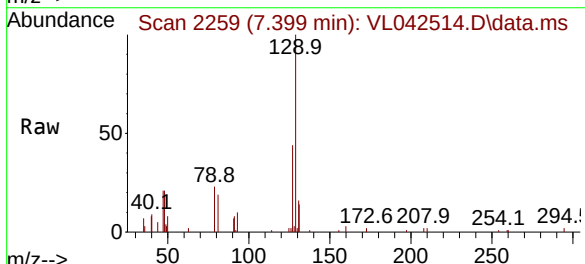
Manual Integrations
APPROVED

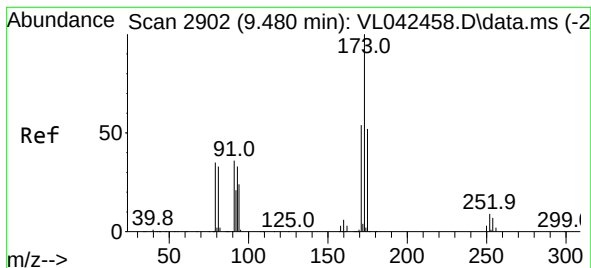
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 0.509 ppbv m
RT: 7.399 min Scan# 2259
Delta R.T. 0.013 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:129 Resp: 6441
Ion Ratio Lower Upper
129 100
127 72.7 39.5 118.5





#49

Bromoform

Concen: 0.451 ppbv m

RT: 9.493 min Scan# 2902

Delta R.T. 0.013 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

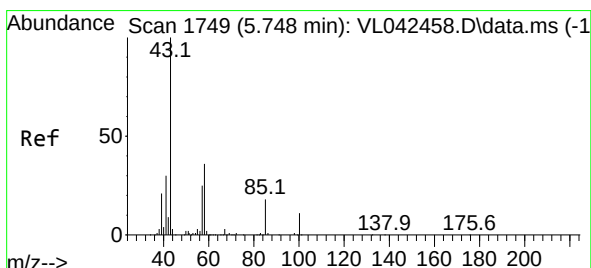
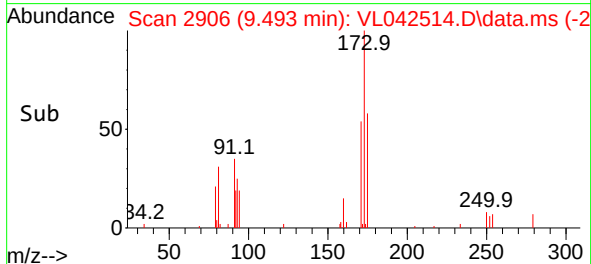
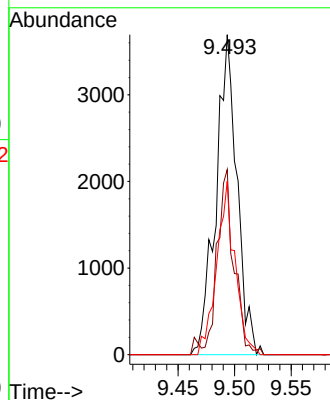
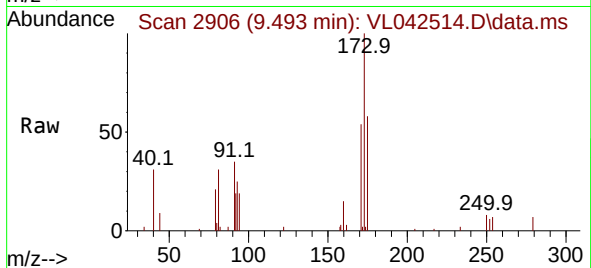
MDL3 0.45

Tgt Ion:173	Resp:	4784
Ion Ratio	Lower	Upper
173	100	
175	0.0	38.9
171	0.0	40.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50

4-Methyl-2-Pentanone

Concen: 0.391 ppbv m

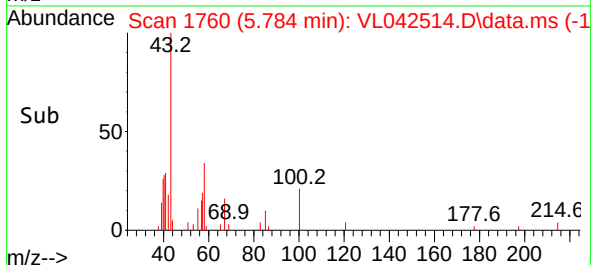
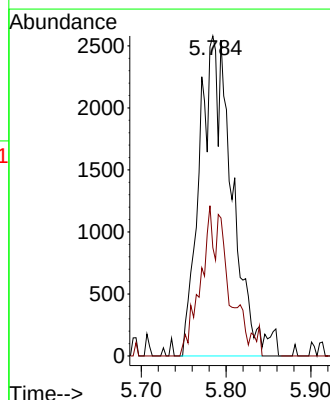
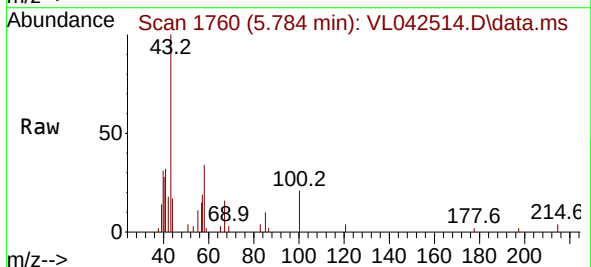
RT: 5.784 min Scan# 1760

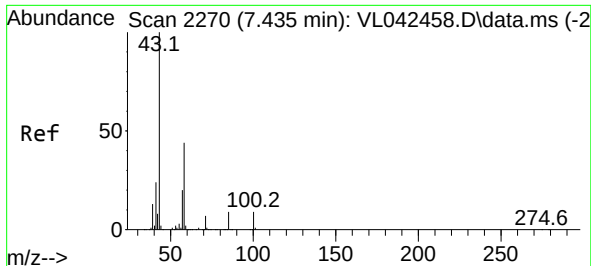
Delta R.T. 0.036 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

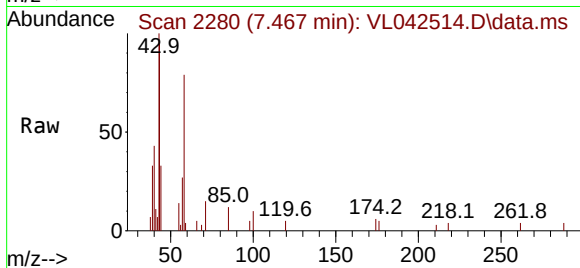
Tgt Ion: 43	Resp:	6926
Ion Ratio	Lower	Upper
43	100	
58	0.0	29.5





#51
2-Hexanone
Concen: 0.394 ppbv m
RT: 7.467 min Scan# 21
Delta R.T. 0.033 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

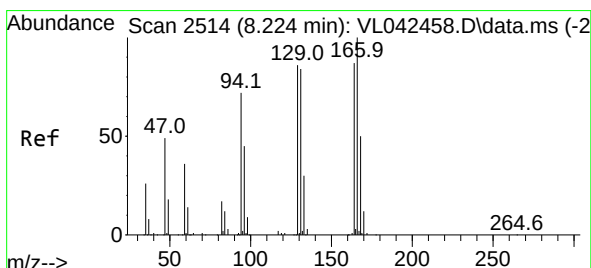
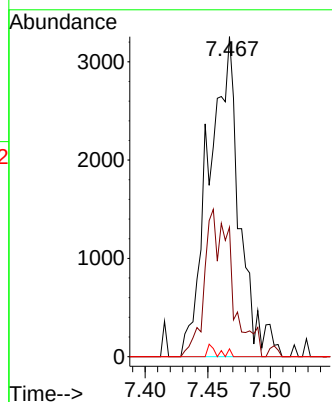
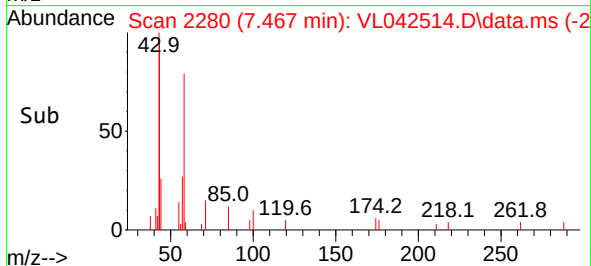
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



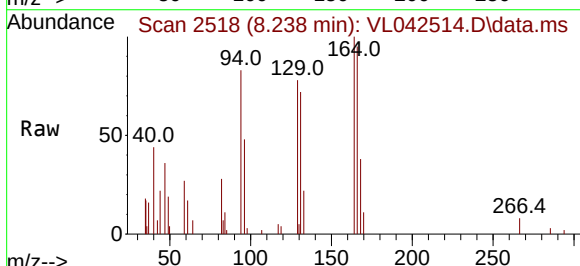
Tgt Ion: 43 Resp: 5579
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 1.2 0.4 0.6#

Manual Integrations
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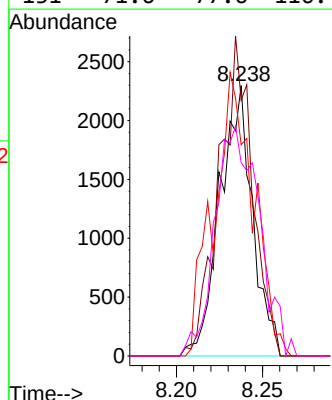
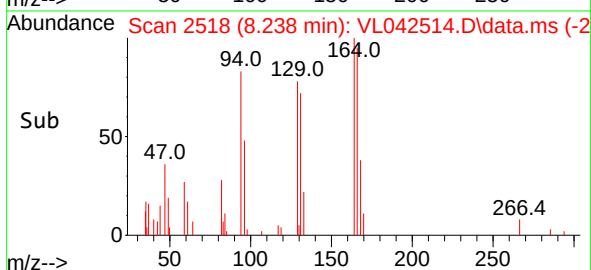
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

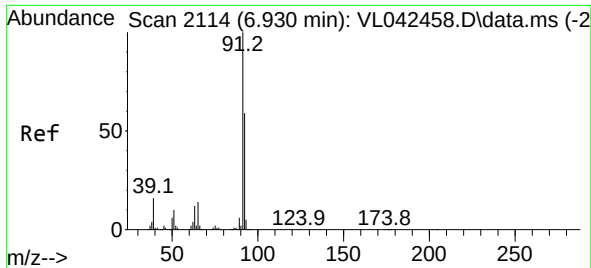


#52
Tetrachloroethene
Concen: 0.438 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



Tgt Ion:164 Resp: 3041
Ion Ratio Lower Upper
164 100
166 94.6 91.6 137.4
129 78.1 79.0 118.4#
131 71.6 77.6 116.4#





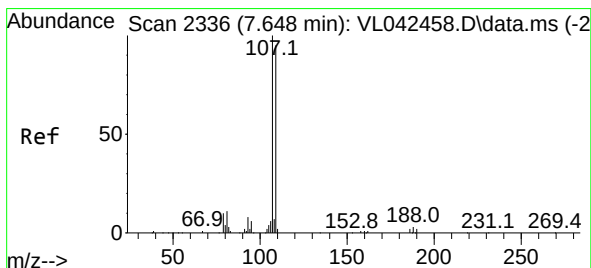
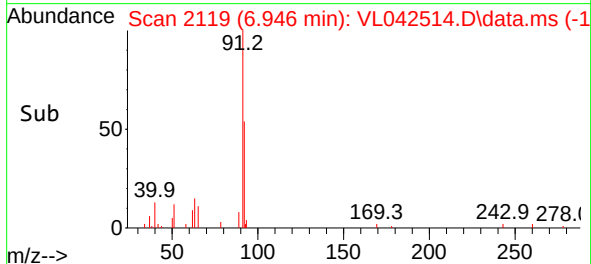
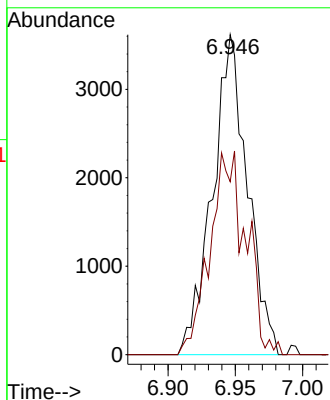
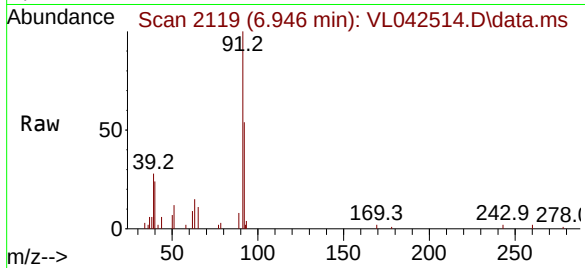
#53
Toluene
Concen: 0.338 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. 0.016 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 91 Resp: 653
Ion Ratio Lower Upper
91 100
92 65.6 47.9 71.9

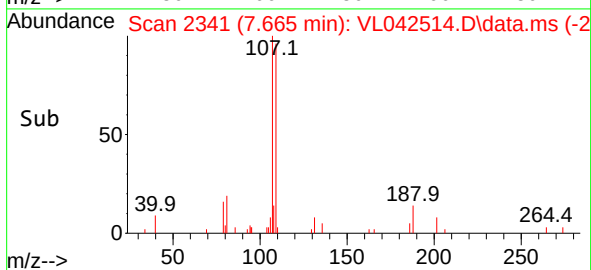
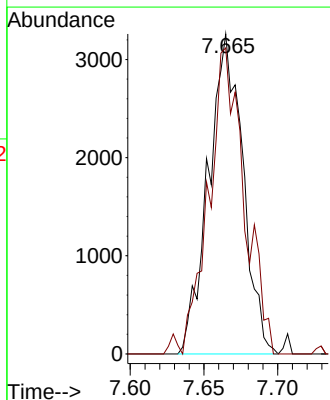
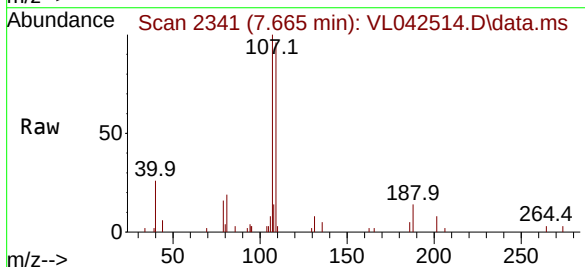
Manual Integrations
APPROVED

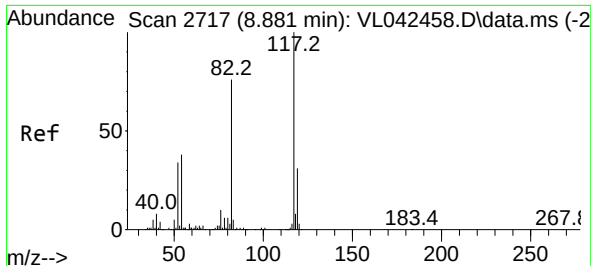
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#54
1,2-Dibromoethane
Concen: 0.461 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

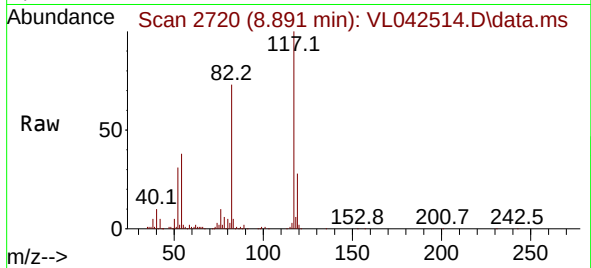
Tgt Ion:107 Resp: 5276
Ion Ratio Lower Upper
107 100
109 95.7 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2717
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

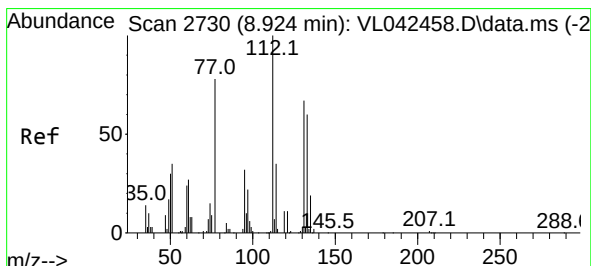
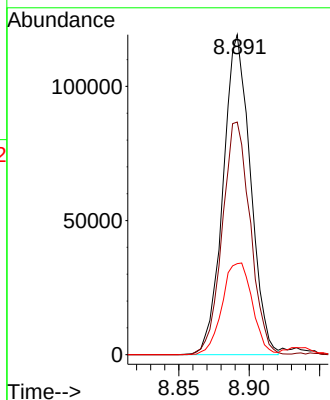
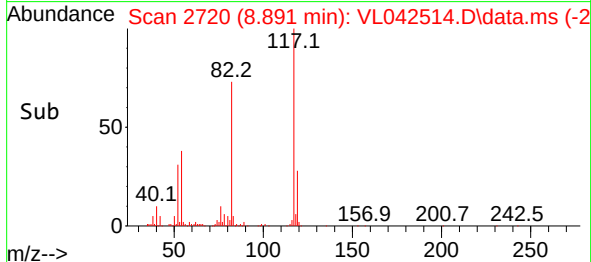
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



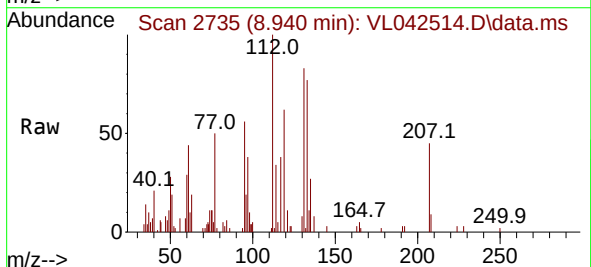
Tgt Ion:117 Resp: 16111
Ion Ratio Lower Upper
117 100
82 74.9 63.5 95.3
119 32.1 25.8 38.8

Manual Integrations
APPROVED

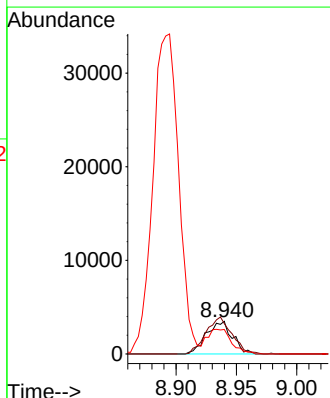
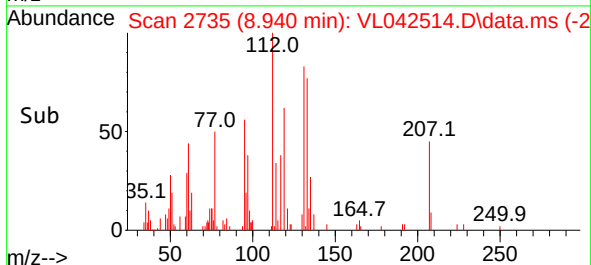
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

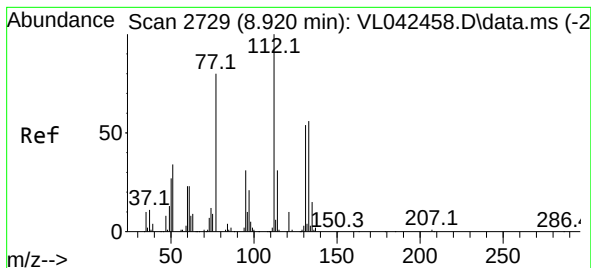


#56
1,1,1,2-Tetrachloroethane
Concen: 0.544 ppbv m
RT: 8.940 min Scan# 2735
Delta R.T. 0.016 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



Tgt Ion:131 Resp: 5173
Ion Ratio Lower Upper
131 100
133 113.5 76.0 114.0
119 57.7 46.1 69.1





#57

Chlorobenzene

Concen: 0.587 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

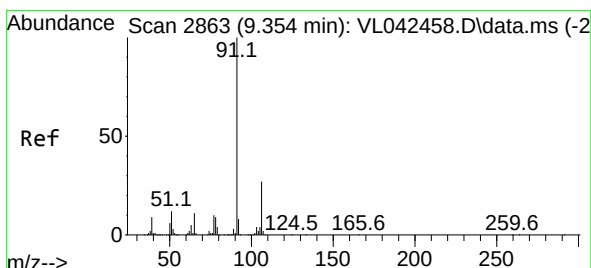
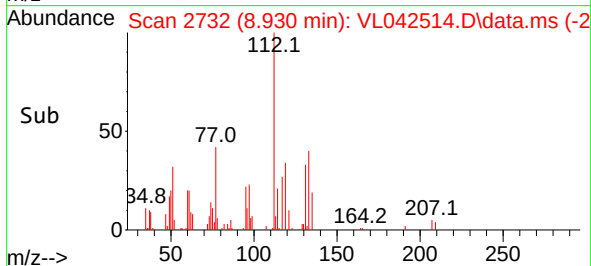
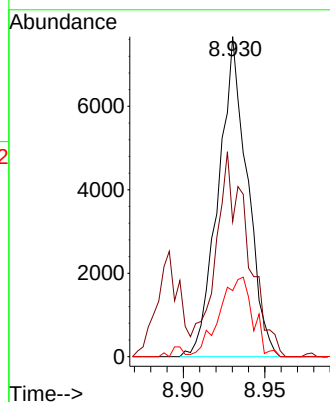
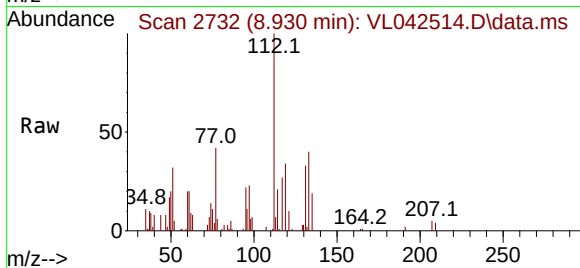
MDL3 0.45

Tgt Ion:112	Resp:	949
Ion Ratio	Lower	Upper
112	100	
77	40.3	65.0 97.4
114	20.7	27.5 33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58

Ethyl Benzene

Concen: 0.327 ppbv

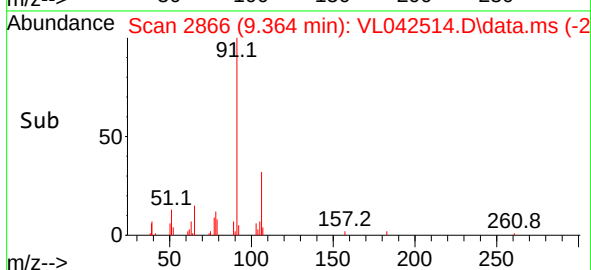
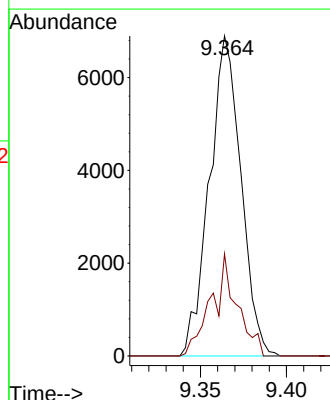
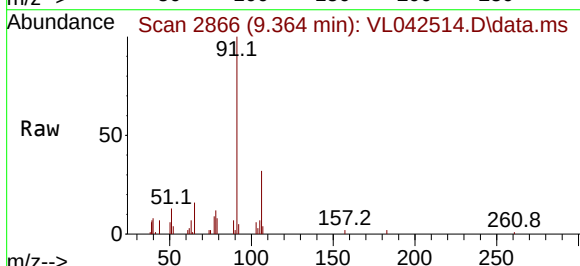
RT: 9.364 min Scan# 2866

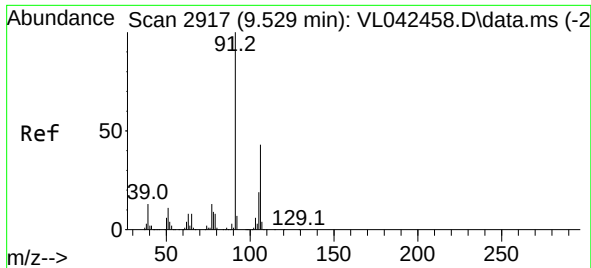
Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion: 91	Resp:	8801
Ion Ratio	Lower	Upper
91	100	
106	31.9	21.9 32.9





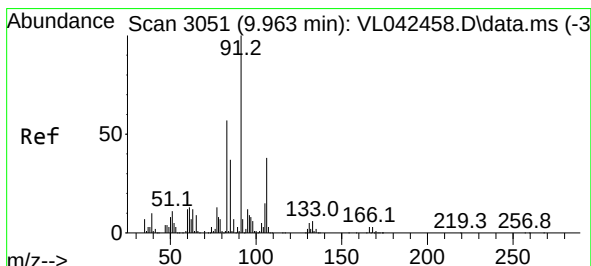
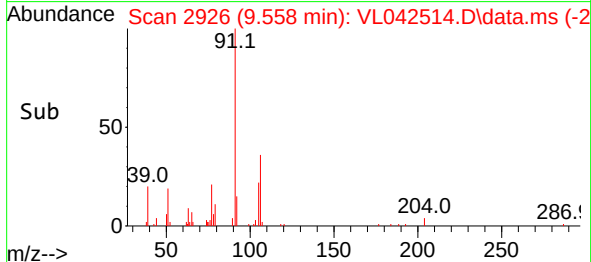
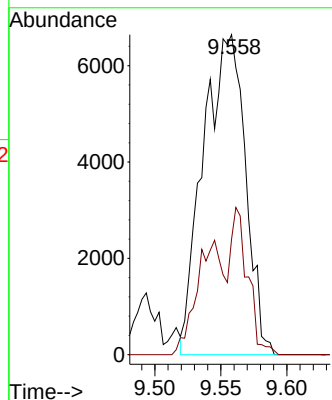
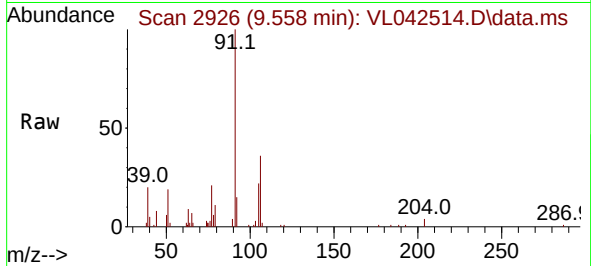
#59
m/p-Xylene
Concen: 0.654 ppbv m
RT: 9.558 min Scan# 2917
Delta R.T. 0.029 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 91 Resp: 14758
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2

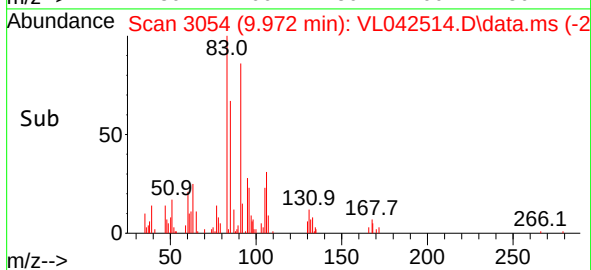
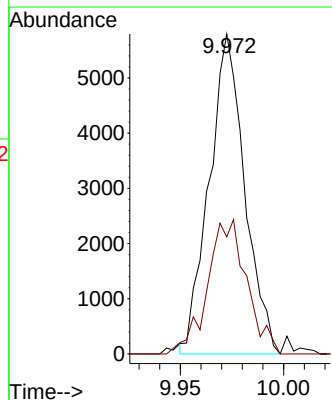
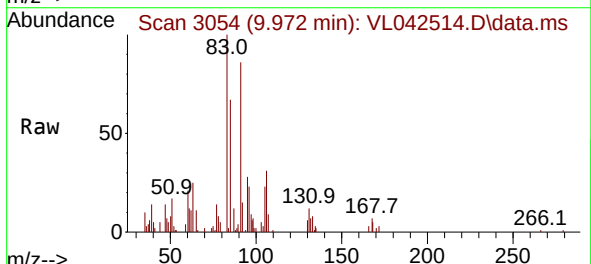
Manual Integrations
APPROVED

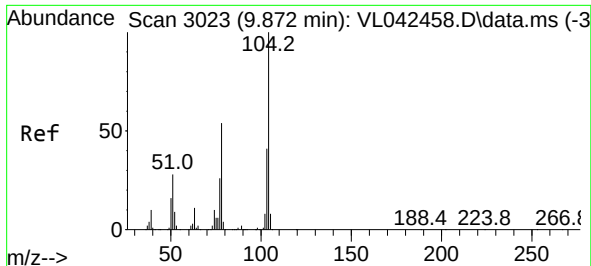
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#60
o-Xylene
Concen: 0.307 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

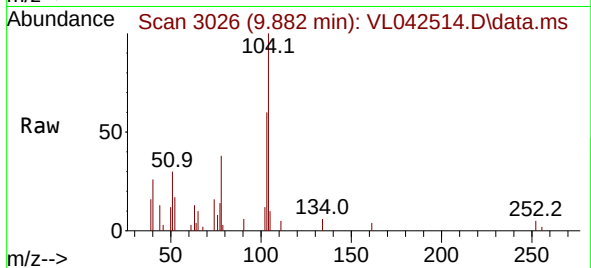
Tgt Ion: 91 Resp: 6935
Ion Ratio Lower Upper
91 100
106 46.2 20.1 60.2





#61
Styrene
Concen: 0.295 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

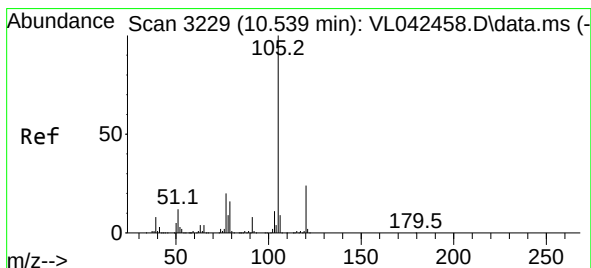
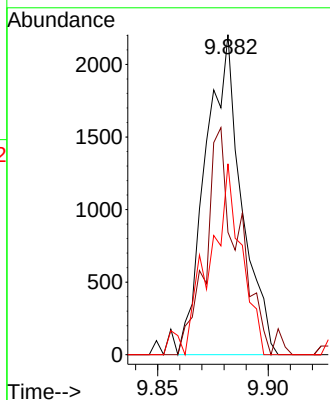
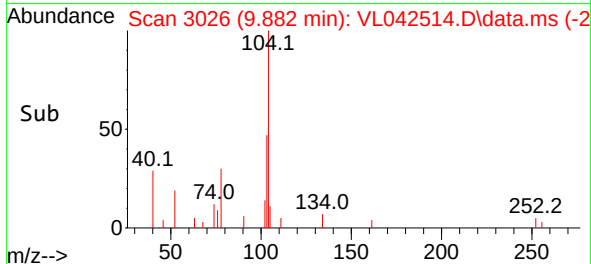
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



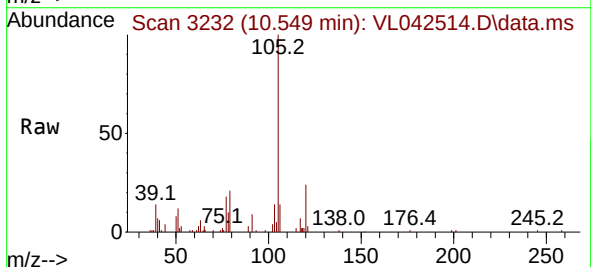
Tgt Ion:104 Resp: 2489
Ion Ratio Lower Upper
104 100
78 64.9 46.9 70.3
103 53.8 36.6 55.0

Manual Integrations
APPROVED

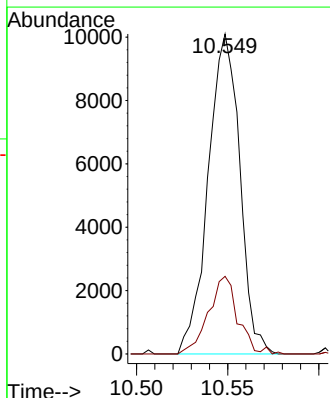
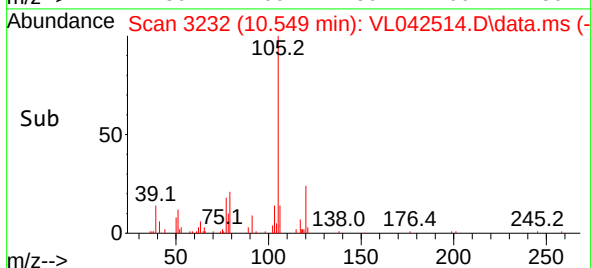
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

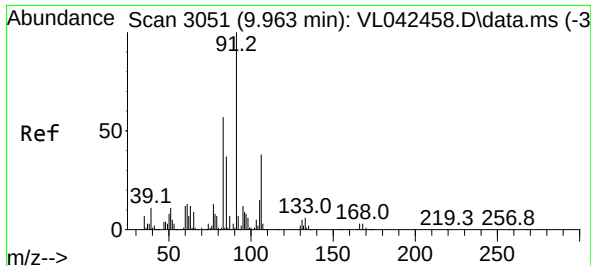


#62
Isopropylbenzene
Concen: 0.374 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



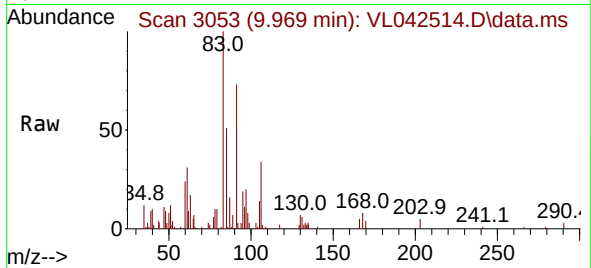
Tgt Ion:105 Resp: 12183
Ion Ratio Lower Upper
105 100
120 22.5 18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.579 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

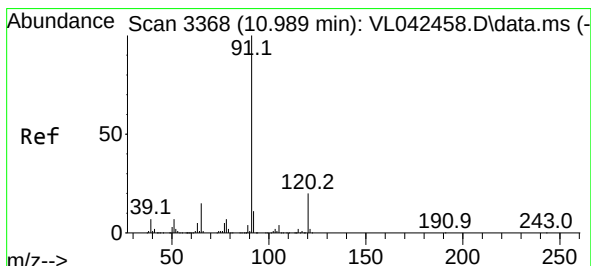
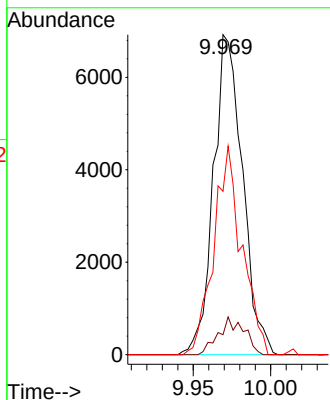
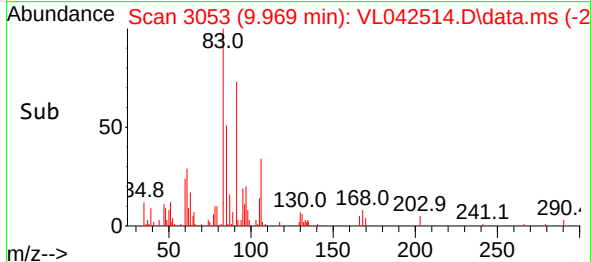
Instrument : MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 83 Resp: 9024
Ion Ratio Lower Upper
83 100
131 10.4 4.7 14.1
85 63.1 32.5 97.4

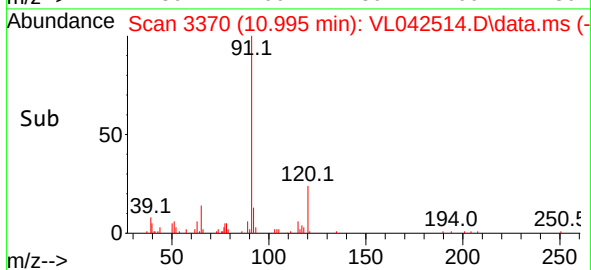
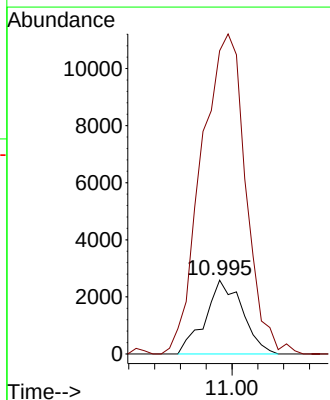
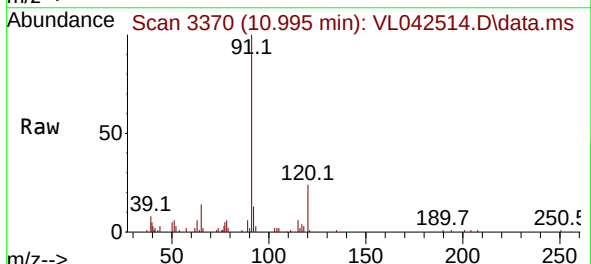
Manual Integrations
APPROVED

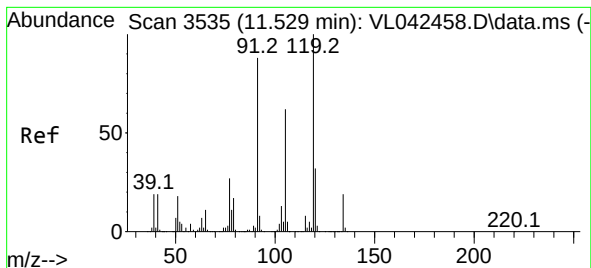
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#64
n-propylbenzene
Concen: 0.324 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

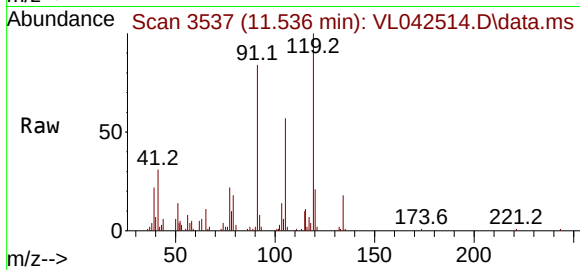
Tgt Ion:120 Resp: 2583
Ion Ratio Lower Upper
120 100
91 520.9 408.6 612.8





#65
tert-Butylbenzene
Concen: 0.352 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

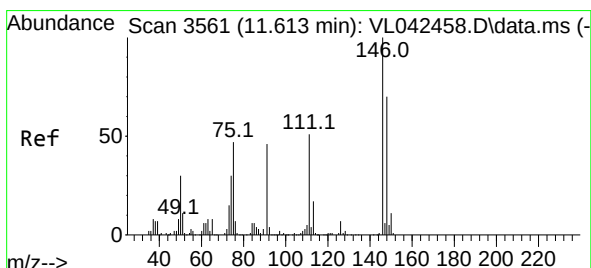
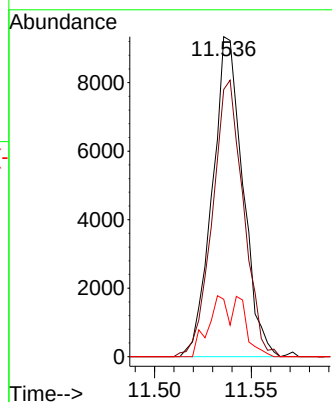
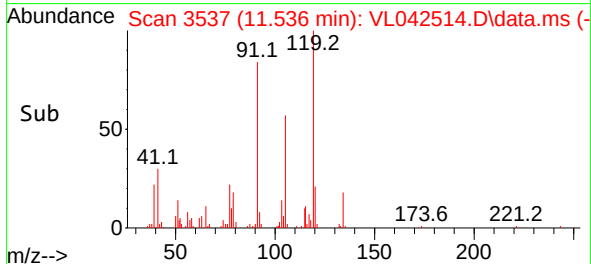
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



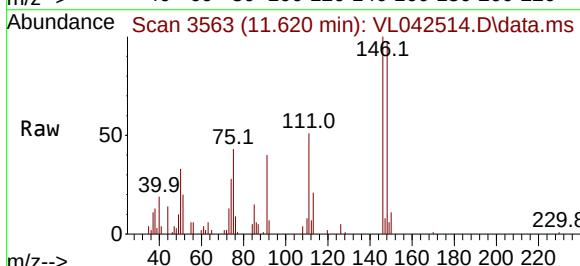
Tgt Ion: 119 Resp: 1025
Ion Ratio Lower Upper
119 100
91 87.5 71.6 107.4
134 21.2 15.0 22.4

Manual Integrations
APPROVED

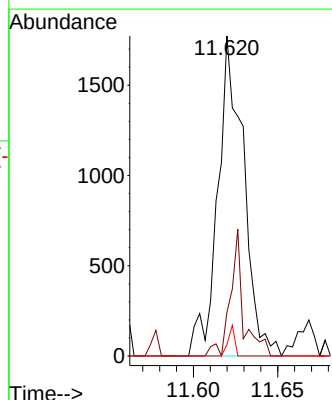
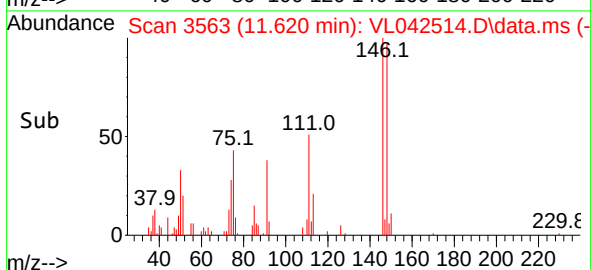
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

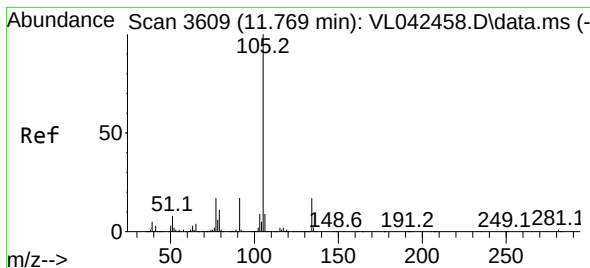


#66
Benzyl Chloride
Concen: 0.563 ppbv m
RT: 11.620 min Scan# 3563
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



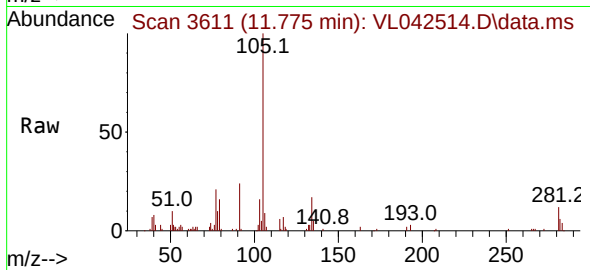
Tgt Ion: 91 Resp: 1892
Ion Ratio Lower Upper
91 100
126 20.0 13.3 19.9#
128 2.4 4.2 6.4#





#67
 sec-Butylbenzene
 Concen: 0.370 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

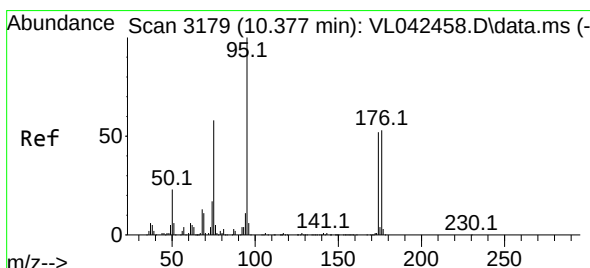
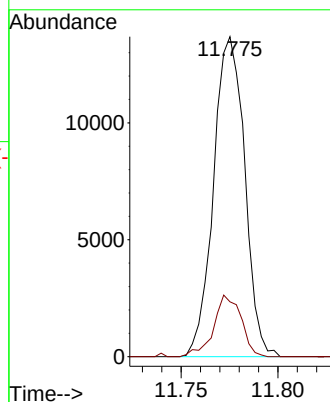
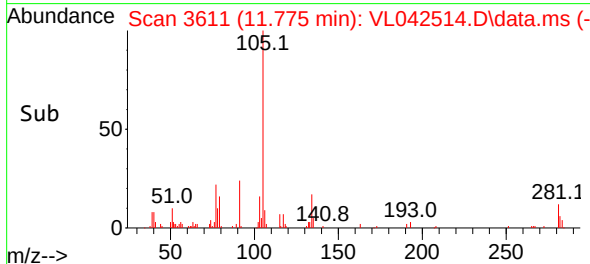
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



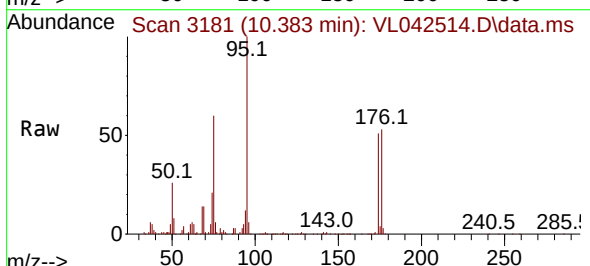
Tgt Ion:105 Resp: 15290
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.1 21.1

Manual Integrations
 APPROVED

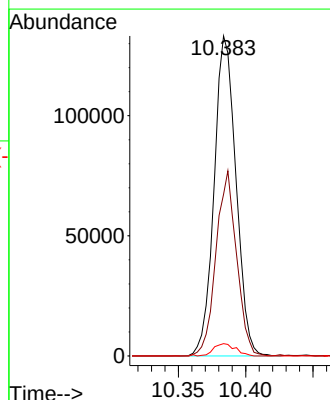
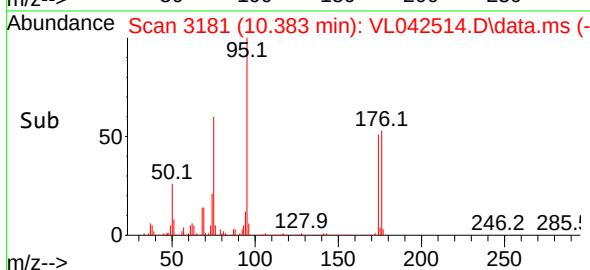
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

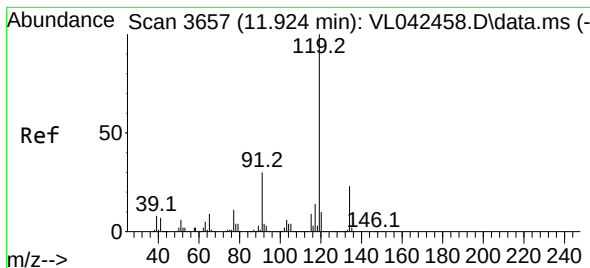


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.074 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43



Tgt Ion: 95 Resp: 150489
 Ion Ratio Lower Upper
 95 100
 174 54.6 42.7 64.1
 175 3.9 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.330 ppbv

RT: 11.931 min Scan# 3659

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

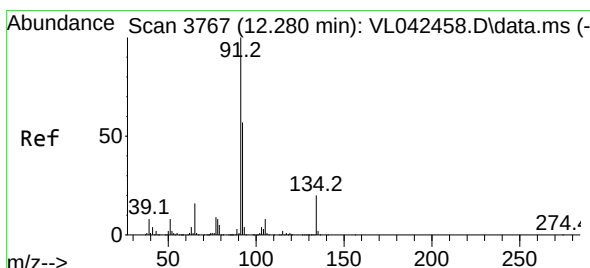
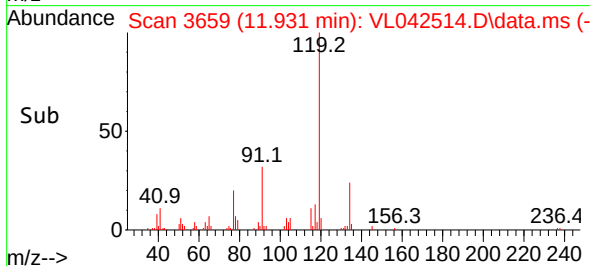
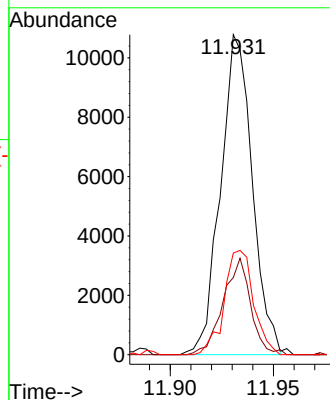
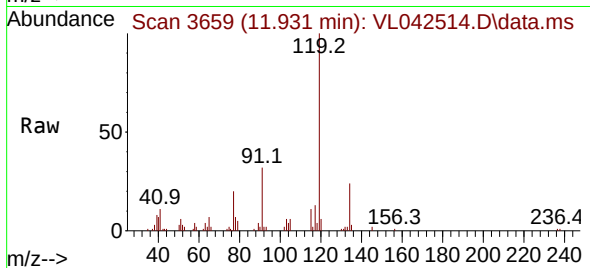
MDL3 0.45

Tgt Ion:	119	Resp:	1149
Ion Ratio	Lower	Upper	
119	100		
134	26.2	19.0	28.4
91	30.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#70

n-Butylbenzene

Concen: 0.316 ppbv

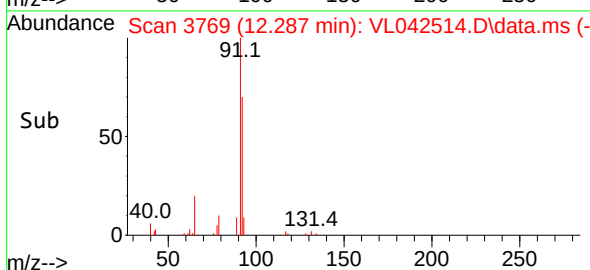
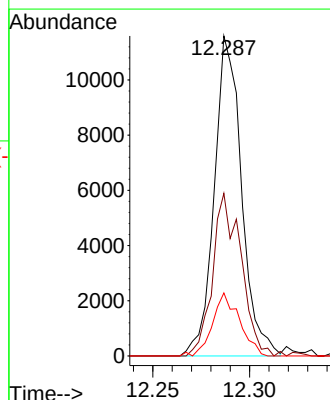
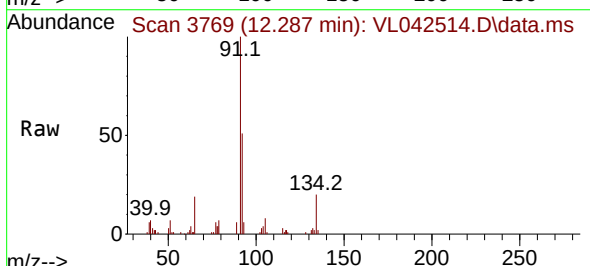
RT: 12.287 min Scan# 3769

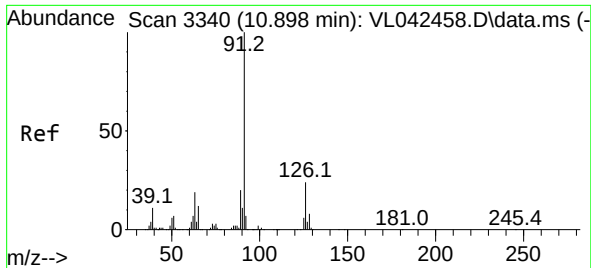
Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion:	91	Resp:	11365
Ion Ratio	Lower	Upper	
91	100		
92	53.4	44.0	66.0
134	19.5	16.8	25.2





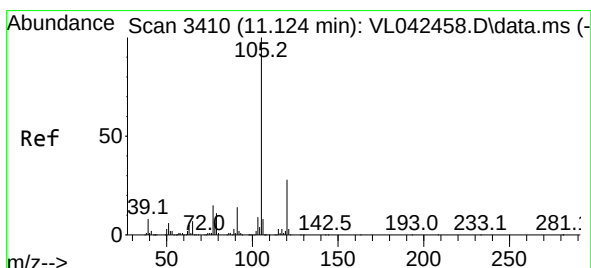
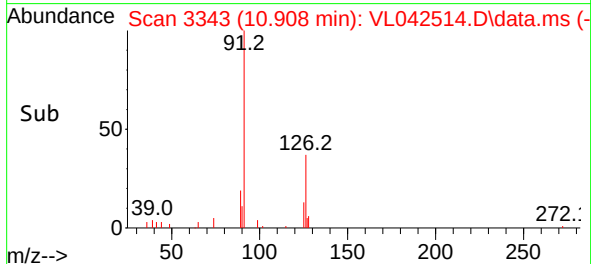
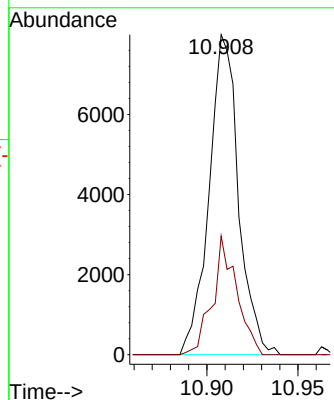
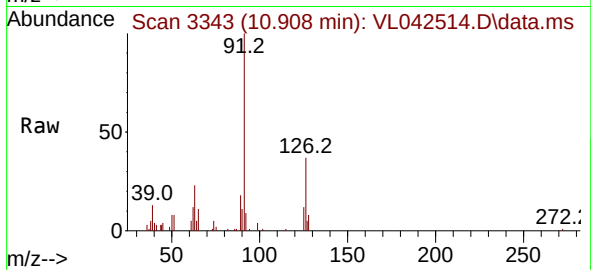
#71
2-Chlorotoluene
Concen: 0.351 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 91 Resp: 8970
Ion Ratio Lower Upper
91 100
126 30.5 10.6 42.2

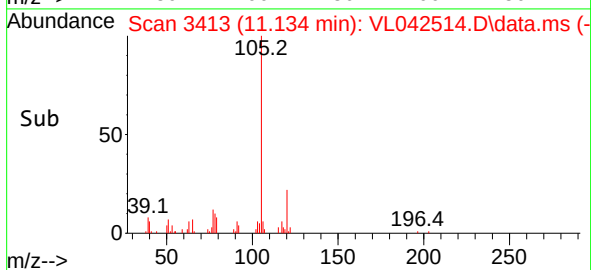
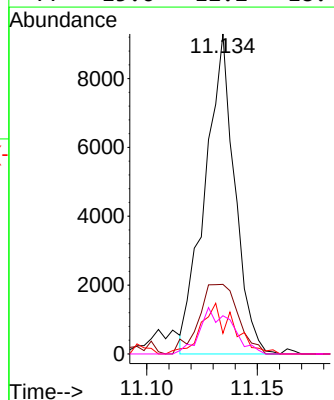
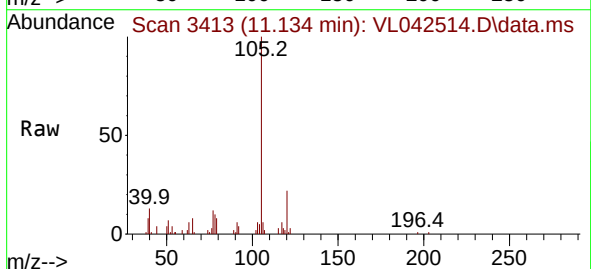
Manual Integrations
APPROVED

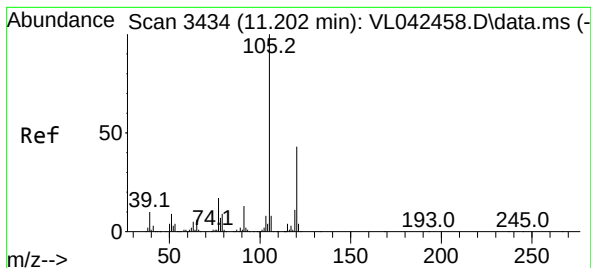
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.326 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:105 Resp: 8691
Ion Ratio Lower Upper
105 100
120 31.0 22.0 33.0
91 18.6 11.2 16.8#
77 15.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.332 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

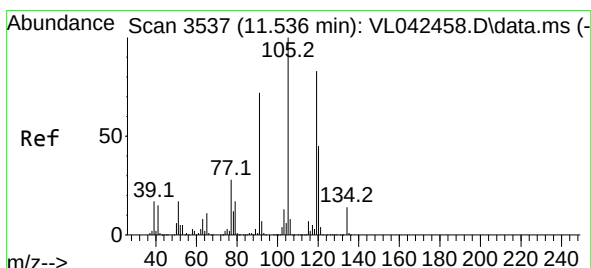
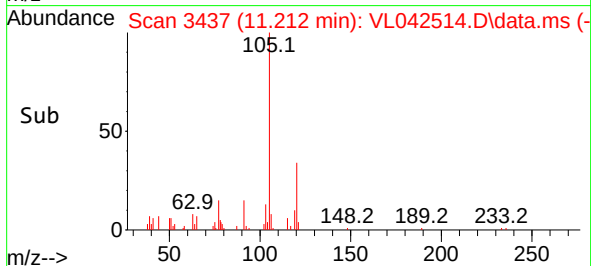
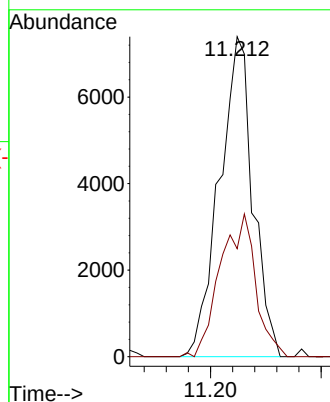
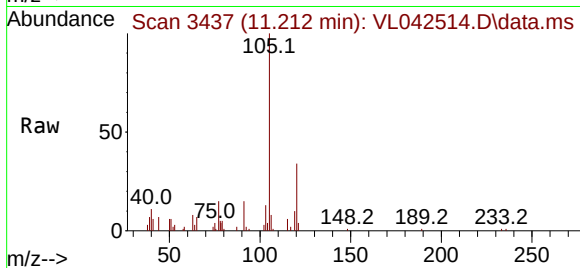
MDL3 0.45

Tgt Ion:105 Resp: 7772
 Ion Ratio Lower Upper
 105 100
 120 33.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.329 ppbv m

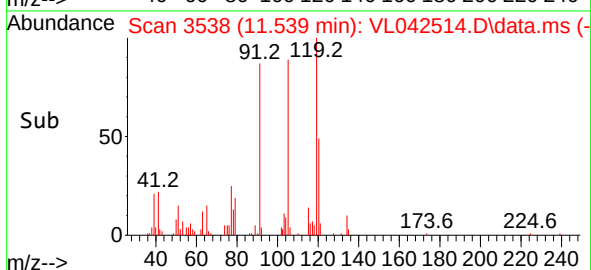
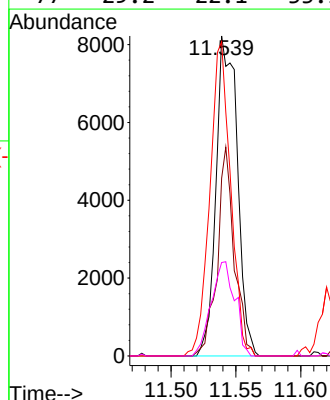
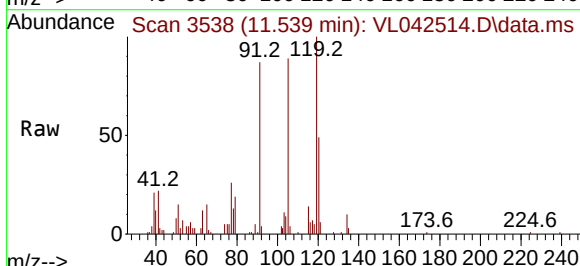
RT: 11.539 min Scan# 3538

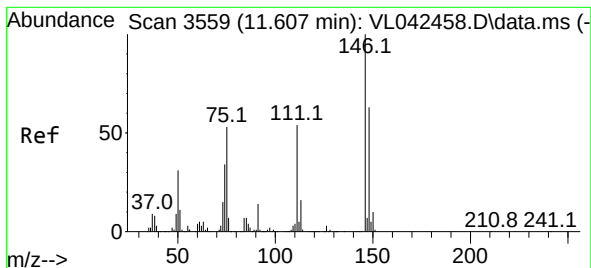
Delta R.T. 0.003 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion:105 Resp: 9331
 Ion Ratio Lower Upper
 105 100
 120 55.5 36.1 54.1#
 91 98.2 57.6 86.4#
 77 29.2 22.1 33.1





#75

1,3-Dichlorobenzene

Concen: 0.454 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

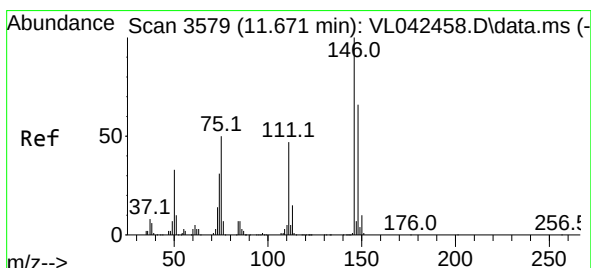
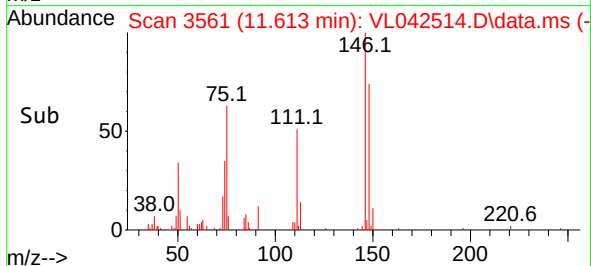
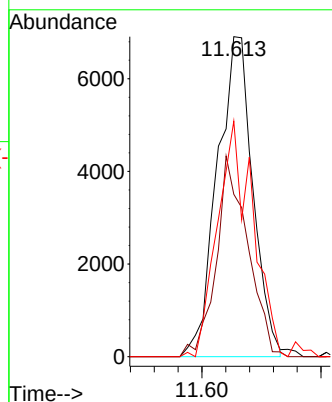
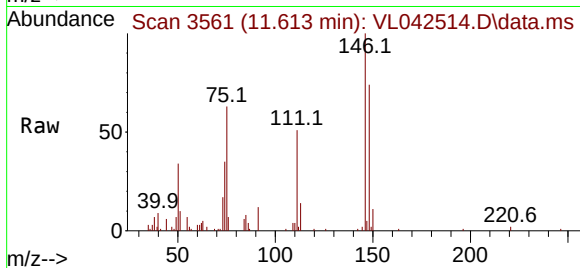
Tgt Ion:	146	Resp:	7162
Ion Ratio	Lower	Upper	
146	100		
111	55.6	26.1	78.3
148	74.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#76

1,4-Dichlorobenzene

Concen: 0.495 ppbv

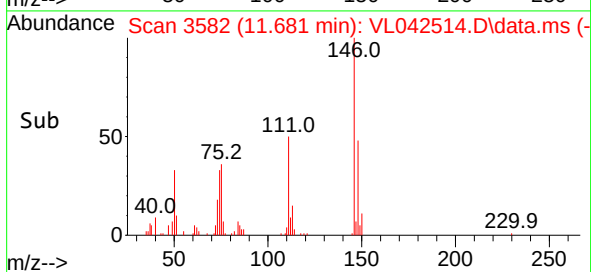
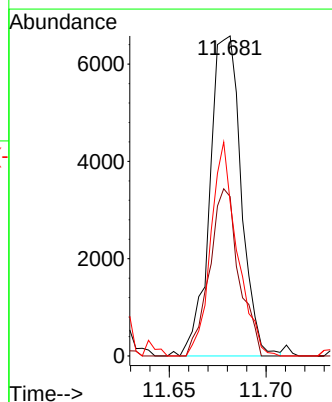
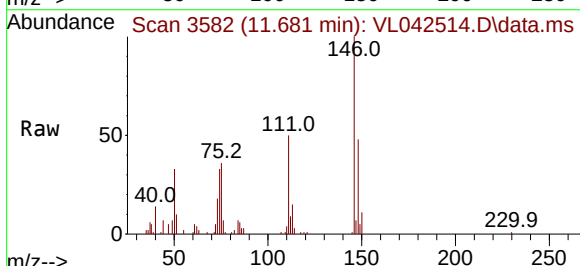
RT: 11.681 min Scan# 3582

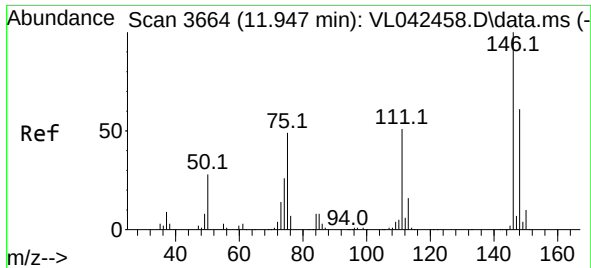
Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

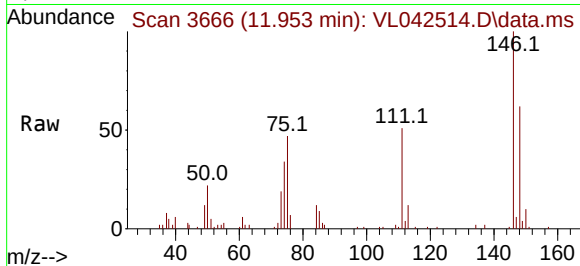
Tgt Ion:	146	Resp:	7390
Ion Ratio	Lower	Upper	
146	100		
111	49.1	24.4	73.2
148	56.2	32.0	96.2





#77
1,2-Dichlorobenzene
Concen: 0.497 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

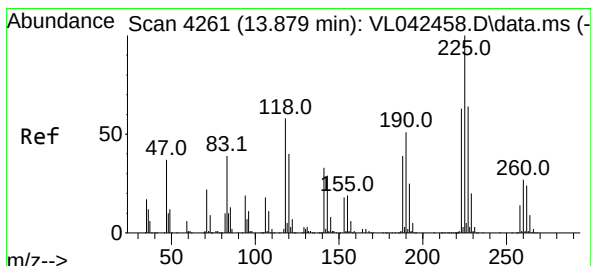
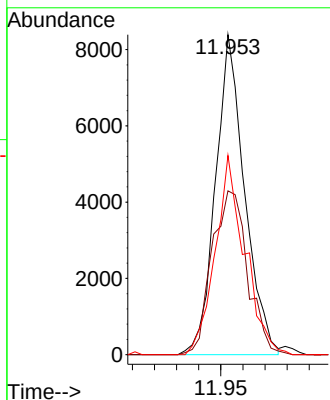
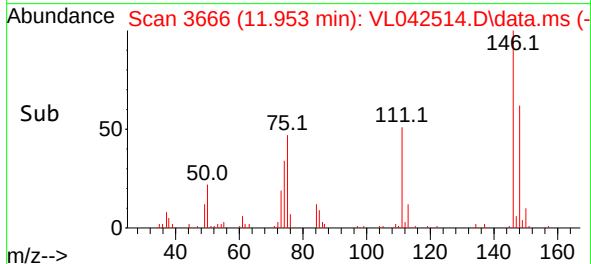
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



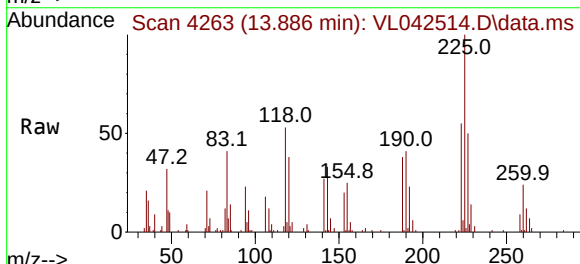
Tgt Ion:146 Resp: 7680
Ion Ratio Lower Upper
146 100
111 62.6 26.5 79.5
148 63.1 31.5 94.5

Manual Integrations
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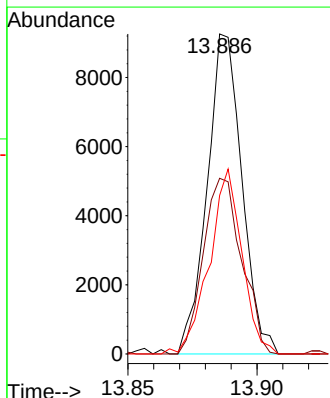
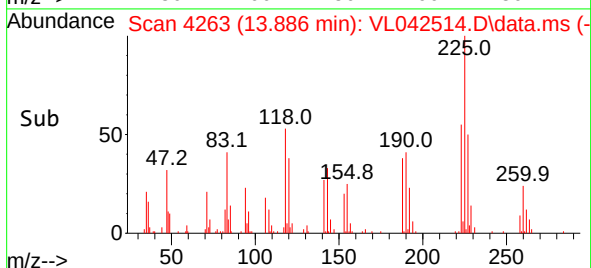
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

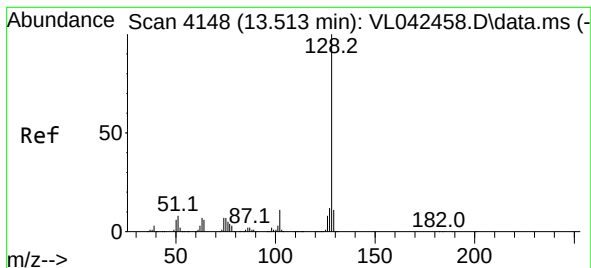


#78
Hexachloro-1,3-Butadiene
Concen: 0.562 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43



Tgt Ion:225 Resp: 8669
Ion Ratio Lower Upper
225 100
223 60.8 50.2 75.4
227 54.4 51.2 76.8





#79

Naphthalene

Concen: 0.258 ppbv

RT: 13.520 min Scan# 4148

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

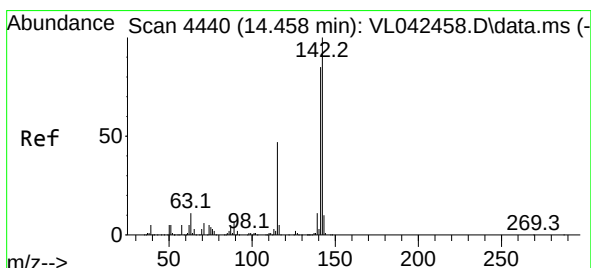
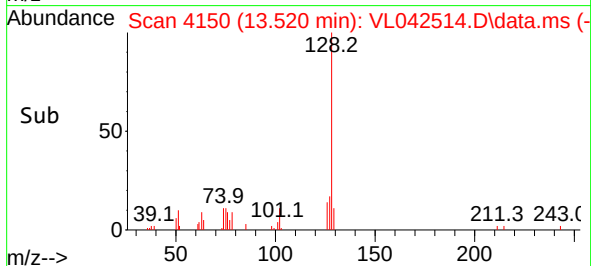
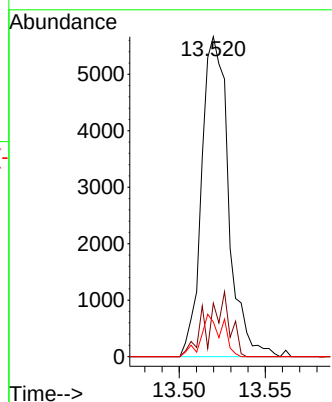
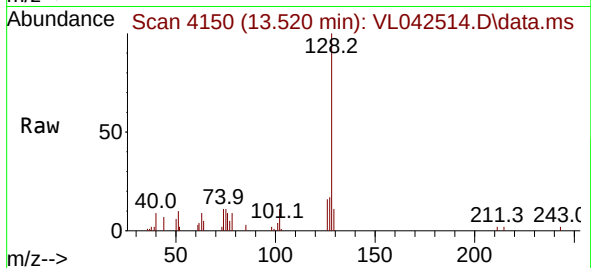
MDL3 0.45

Tgt Ion:	128	Resp:	616
Ion Ratio	Lower	Upper	
128	100		
127	16.7	9.7	14.5
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
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#80

Naphthalene,2-methyl-

Concen: 0.082 ppbv

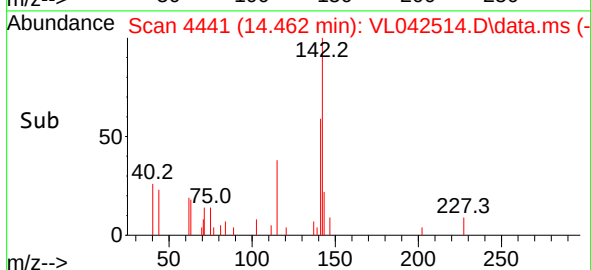
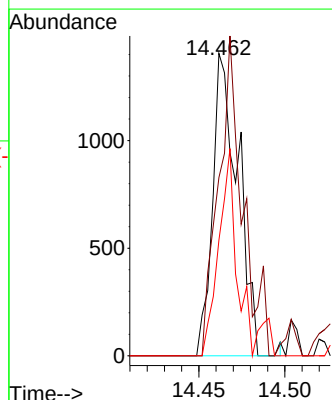
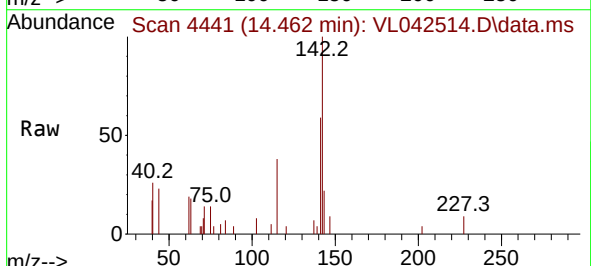
RT: 14.462 min Scan# 4441

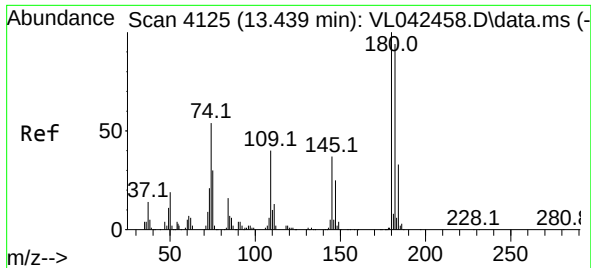
Delta R.T. 0.003 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

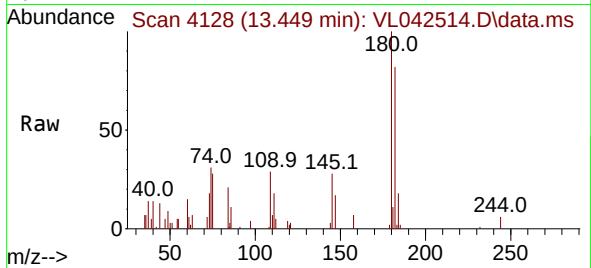
Tgt Ion:	142	Resp:	1455
Ion Ratio	Lower	Upper	
142	100		
141	105.2	67.4	101.0
115	53.5	36.9	55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.292 ppbv
 RT: 13.449 min Scan# 4125
 Delta R.T. 0.010 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



Tgt Ion:	180	Resp:	3714
Ion	Ratio	Lower	Upper
180	100		
182	106.9	74.6	111.8
184	28.5	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

