

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042496.D
 Acq On : 06 May 2025 14:57
 Operator : SY/MD
 Sample : MDL2 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 07 01:40:48 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	66102	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	176315	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	147893	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 144260 10.521 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	6620	0.605	ppbv	98
3) Chlorodifluoromethane	1.476	51	6638	0.574	ppbv	97
4) Chloromethane	1.534	50	2845	0.622	ppbv #	86
5) Vinyl Chloride	1.583	62	2412	0.524	ppbv	90
6) Bromomethane	1.670	94	1356	0.623	ppbv	95
7) Chloroethane	1.706	64	1144	0.673	ppbv	91
8) Dichlorotetrafluoroethane	1.557	85	5795	0.643	ppbv	94
9) Propene	1.486	41	1646	0.435	ppbv	94
10) Heptane	4.985	43	3248m	0.331	ppbv	
11) Trichlorofluoromethane	1.881	101	7042	0.698	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	4738	0.588	ppbv	86
13) Ethanol	1.725	45	534m	0.696	ppbv	
14) Bromoethene	1.784	108	2090	0.702	ppbv #	85
15) Acetone	1.839	43	8903	0.738	ppbv	98
16) 1,3-Butadiene	1.612	39	3568	0.670	ppbv	84
17) tert-Butyl alcohol	2.043	59	6121	0.576	ppbv #	83
18) 1,1-Dichloroethene	2.030	96	2547m	0.677	ppbv	
19) Isopropyl Alcohol	1.890	45	3938	0.590	ppbv #	94
20) Methylene Chloride	2.062	84	3246	0.895	ppbv #	76
21) Allyl Chloride	2.098	41	4182	0.539	ppbv	86
22) trans-1,2-Dichloroethene	2.344	96	2503	0.569	ppbv #	75
23) Vinyl Acetate	2.463	43	5435	0.472	ppbv #	81
24) 1,1-Dichloroethane	2.412	63	5265	0.587	ppbv #	94
25) Ethyl Acetate	2.845	43	8708	0.451	ppbv #	96
26) Hexane	2.829	57	3125	0.371	ppbv #	77
27) Carbon Disulfide	2.153	76	5933	0.604	ppbv #	32
28) Methyl tert-Butyl Ether	2.444	73	2804	0.554	ppbv #	69
29) Chloroform	2.855	83	9549	0.605	ppbv #	82
30) Cyclohexane	3.868	84	2310m	0.328	ppbv	
31) cis-1,2-Dichloroethene	2.725	61	4733	0.482	ppbv	93
32) 1,1,1-Trichloroethane	3.370	97	8464m	0.495	ppbv	
34) 2-Butanone	2.570	43	5739	0.450	ppbv	96
35) Carbon Tetrachloride	3.774	117	7720	0.482	ppbv #	86
36) Benzene	3.664	78	6693	0.402	ppbv	95
37) 1,2-Dichloroethane	3.224	62	6738	0.525	ppbv	98
38) Trichloroethene	4.557	130	3123m	0.492	ppbv	
39) 1,2-Dichloropropane	4.318	63	3391m	0.544	ppbv	
40) 1,4-Dioxane	4.616	88	1118m	0.383	ppbv	
41) Tetrahydrofuran	3.072	42	2500m	0.412	ppbv	
42) Bromodichloromethane	4.499	83	8700	0.555	ppbv #	89
43) Methyl Methacrylate	4.894	69	2152m	0.347	ppbv	
44) 2,2,4-Trimethylpentane	4.654	57	10314m	0.382	ppbv	
45) t-1,3-Dichloropropene	6.428	75	2716m	0.333	ppbv	

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 MDL2 0.45

Quant Time: May 07 01:40:48 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

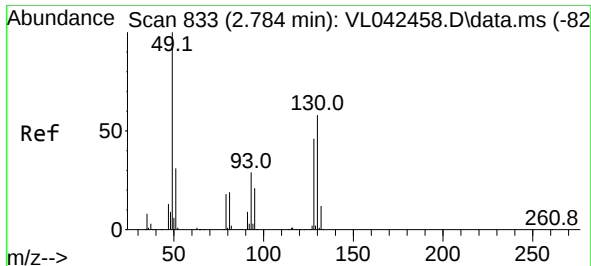
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

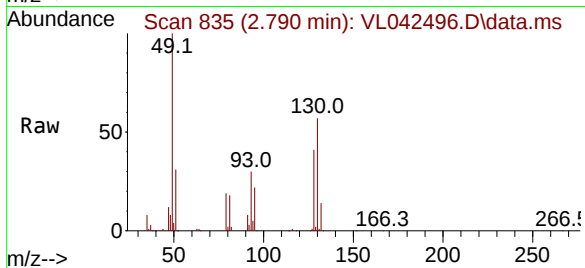
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	3798m	0.392	ppbv	
47) 1,1,2-Trichloroethane	6.600	97	3961m	0.580	ppbv	
48) Dibromochloromethane	7.399	129	6116m	0.530	ppbv	
49) Bromoform	9.487	173	4711m	0.487	ppbv	
50) 4-Methyl-2-Pentanone	5.797	43	6298m	0.390	ppbv	
51) 2-Hexanone	7.454	43	4647	0.360	ppbv #	96
52) Tetrachloroethene	8.237	164	2595m	0.410	ppbv	
53) Toluene	6.946	91	6594m	0.374	ppbv	
54) 1,2-Dibromoethane	7.668	107	4797	0.459	ppbv #	68
56) 1,1,1,2-Tetrachloroethane	8.933	131	5388	0.617	ppbv #	70
57) Chlorobenzene	8.927	112	7961	0.536	ppbv #	79
58) Ethyl Benzene	9.361	91	8636	0.349	ppbv	96
59) m/p-Xylene	9.558	91	13231m	0.639	ppbv	
60) o-Xylene	9.976	91	6798	0.328	ppbv	96
61) Styrene	9.882	104	2552m	0.330	ppbv	
62) Isopropylbenzene	10.548	105	11113	0.371	ppbv	94
63) 1,1,2,2-Tetrachloroethane	9.976	83	7773	0.543	ppbv	95
64) n-propylbenzene	10.995	120	2024	0.277	ppbv #	58
65) tert-Butylbenzene	11.536	119	8136	0.305	ppbv	91
66) Benzyl Chloride	11.620	91	1394	0.452	ppbv #	92
67) sec-Butylbenzene	11.772	105	12683	0.334	ppbv	96
69) p-Isopropyltoluene	11.930	119	10165	0.318	ppbv	97
70) n-Butylbenzene	12.290	91	10320	0.312	ppbv	94
71) 2-Chlorotoluene	10.904	91	8218	0.350	ppbv	90
72) 4-Ethyltoluene	11.131	105	8500	0.348	ppbv #	93
73) 1,3,5-Trimethylbenzene	11.205	105	7183	0.334	ppbv #	85
74) 1,2,4-Trimethylbenzene	11.542	105	8769	0.337	ppbv #	87
75) 1,3-Dichlorobenzene	11.613	146	7021	0.485	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	6291	0.459	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	7558	0.533	ppbv	96
78) Hexachloro-1,3-Butadiene	13.885	225	7741	0.547	ppbv	95
79) Naphthalene	13.516	128	5205	0.238	ppbv #	83
80) Naphthalene,2-methyl-	14.462	142	1562	0.096	ppbv #	78
81) 1,2,4-Trichlorobenzene	13.445	180	3278	0.281	ppbv	90

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

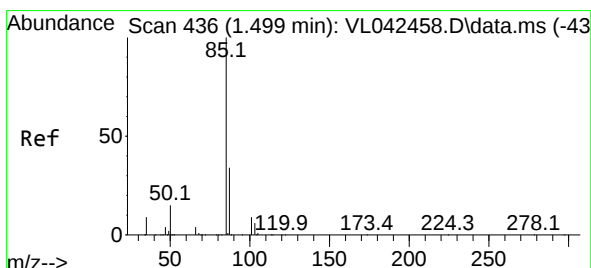
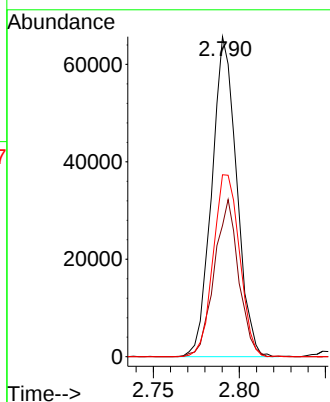
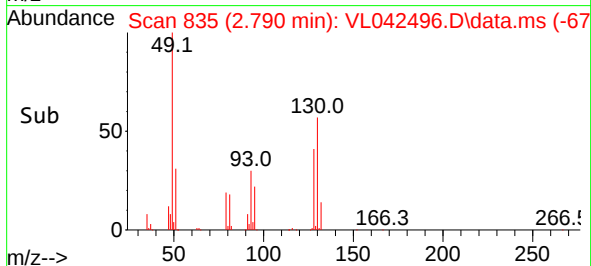
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



Tgt Ion: 49 Resp: 6610
Ion Ratio Lower Upper
49 100
128 48.1 23.3 69.9
130 60.1 29.5 88.6

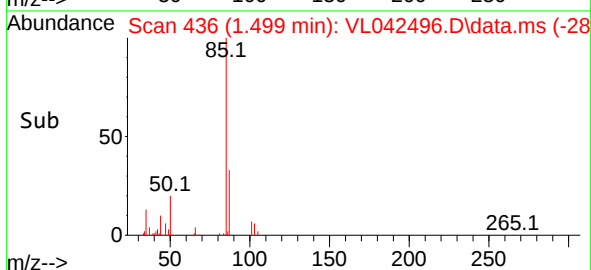
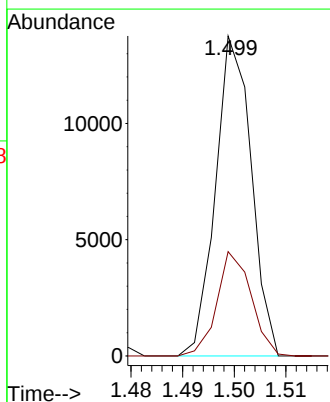
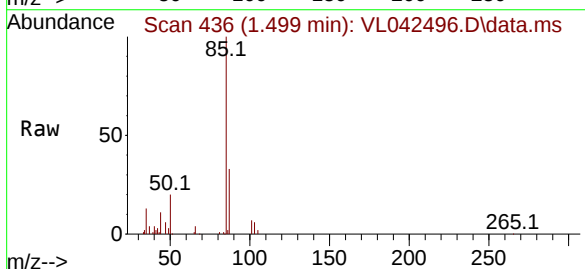
Manual Integrations
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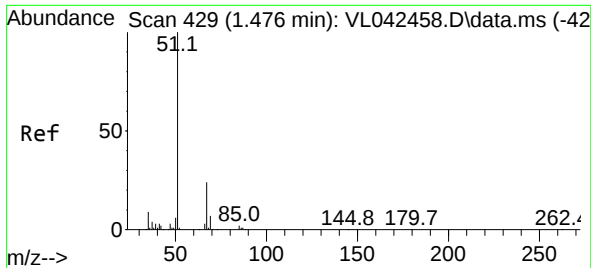
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.605 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 85 Resp: 6620
Ion Ratio Lower Upper
85 100
87 32.6 26.9 40.3





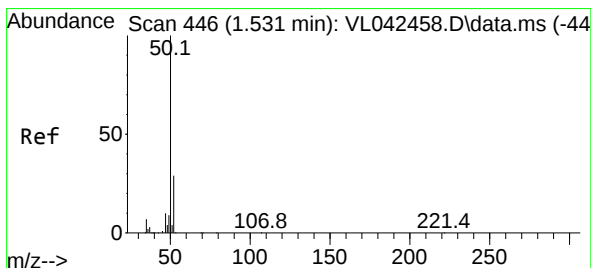
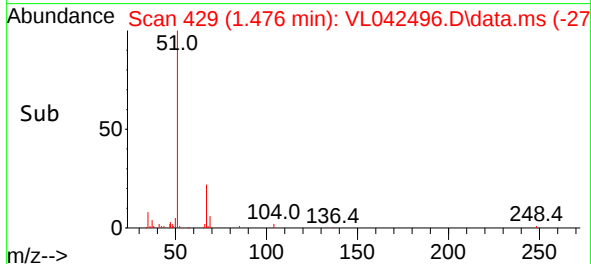
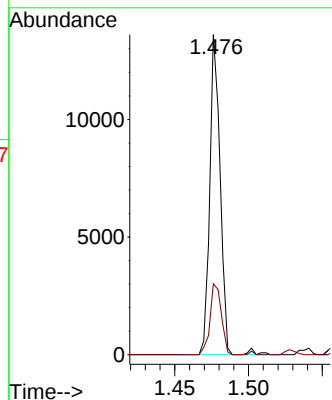
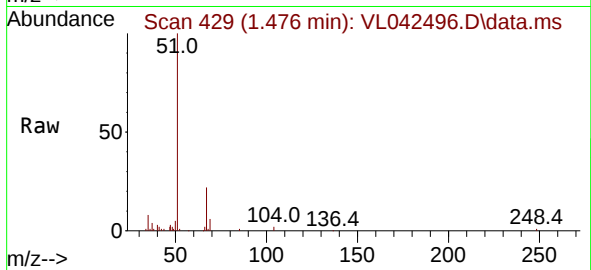
#3
Chlorodifluoromethane
Concen: 0.574 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion: 51 Resp: 6638
Ion Ratio Lower Upper
51 100
67 24.6 18.4 27.6

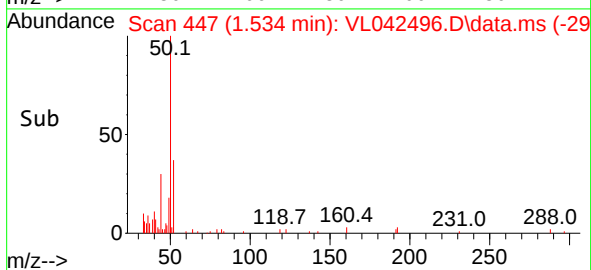
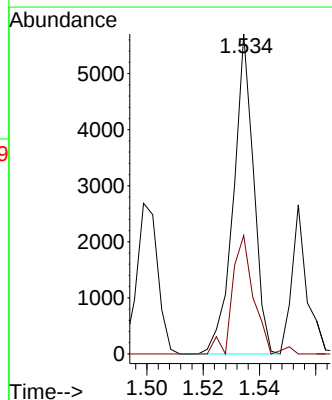
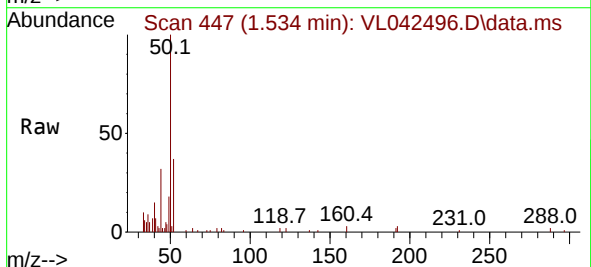
Manual Integrations
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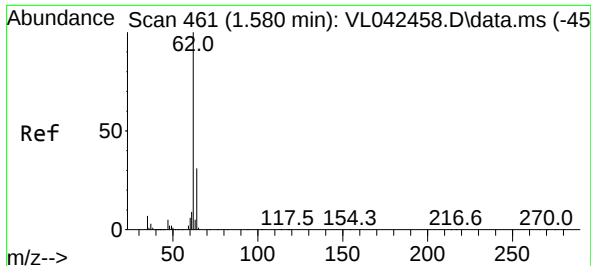
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.622 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

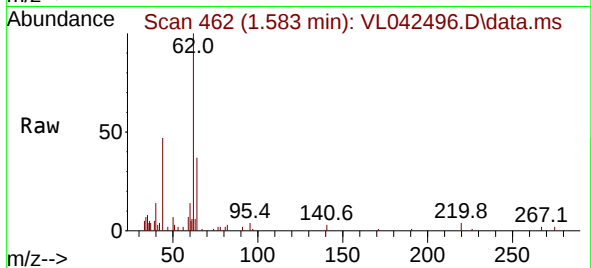
Tgt Ion: 50 Resp: 2845
Ion Ratio Lower Upper
50 100
52 37.0 23.5 35.3#





#5
 Vinyl Chloride
 Concen: 0.524 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

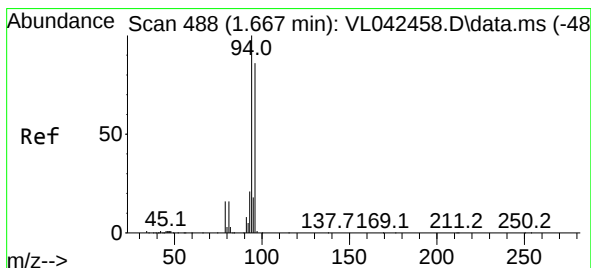
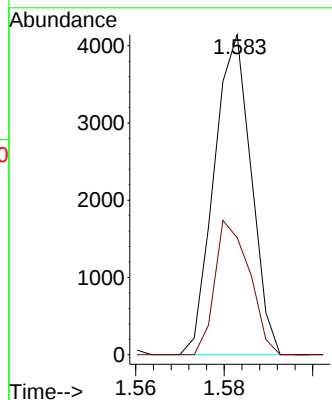
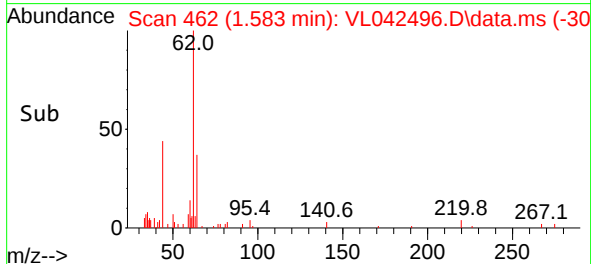
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45



Tgt Ion: 62 Resp: 241
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.9 37.3

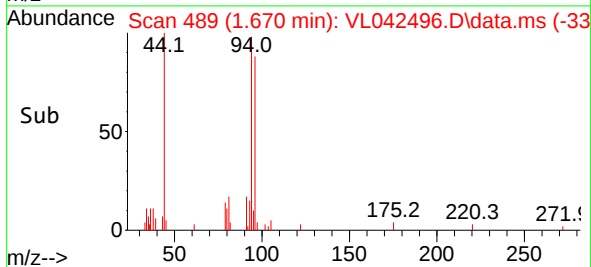
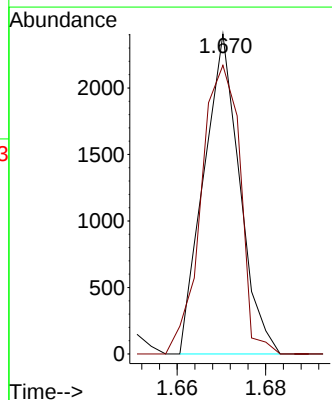
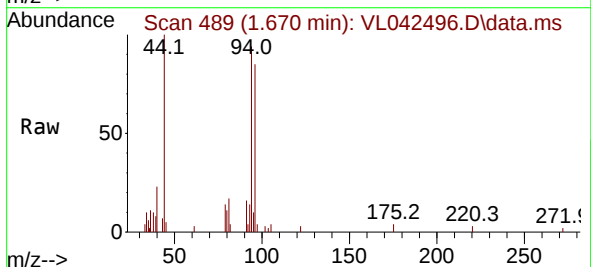
Manual Integrations
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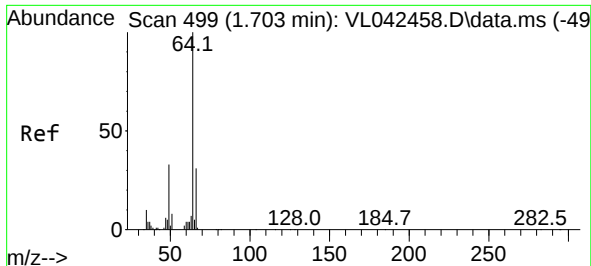
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.623 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

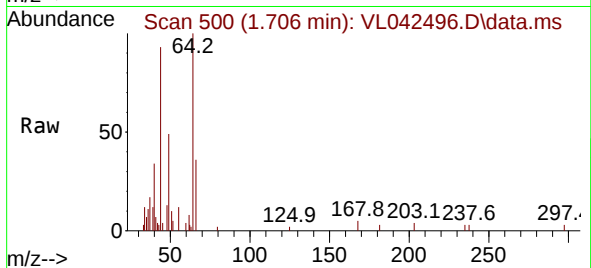
Tgt Ion: 94 Resp: 1356
 Ion Ratio Lower Upper
 94 100
 96 90.2 68.8 103.2





#7
Chloroethane
Concen: 0.673 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

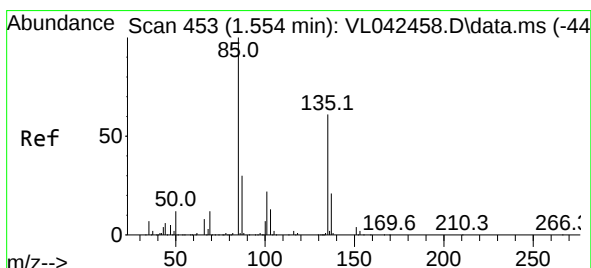
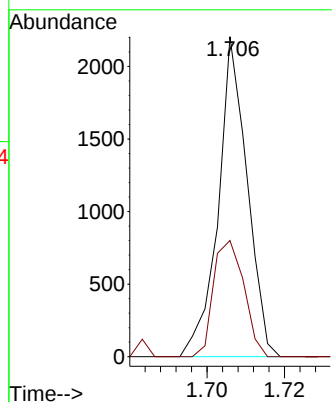
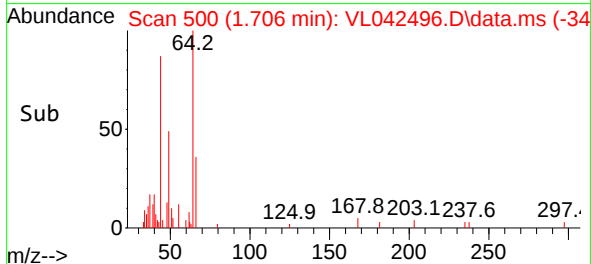
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



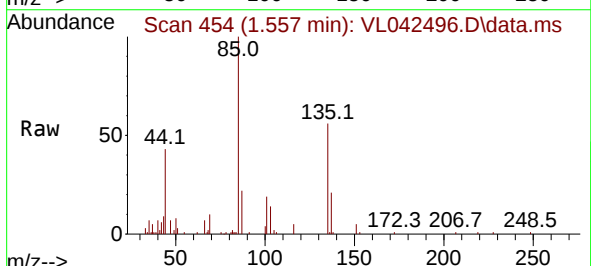
Tgt Ion: 64 Resp: 1144
Ion Ratio Lower Upper
64 100
66 36.3 25.0 37.4

Manual Integrations
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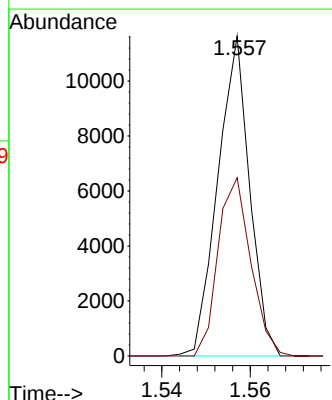
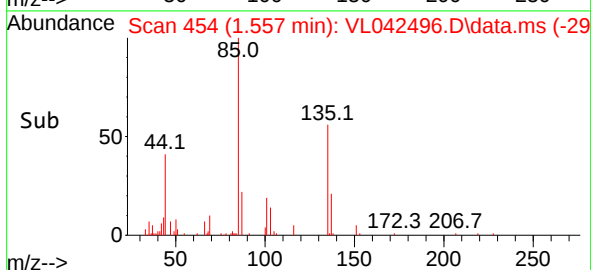
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

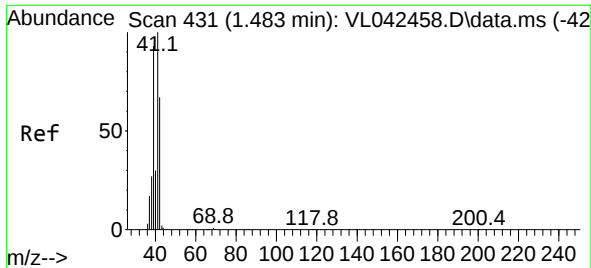


#8
Dichlorotetrafluoroethane
Concen: 0.643 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



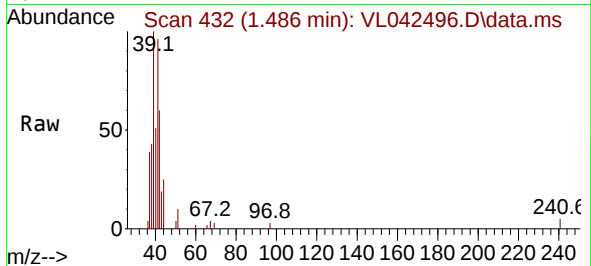
Tgt Ion: 85 Resp: 5795
Ion Ratio Lower Upper
85 100
135 57.6 49.8 74.8





#9
 Propene
 Concen: 0.435 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

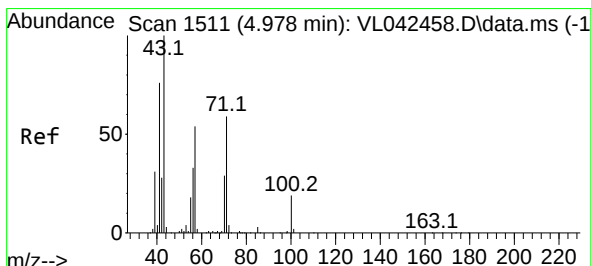
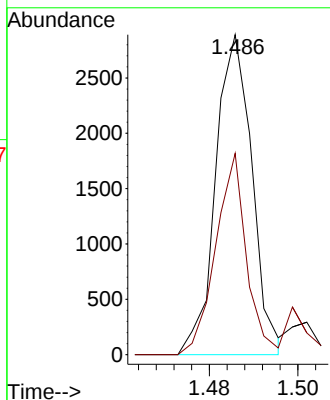
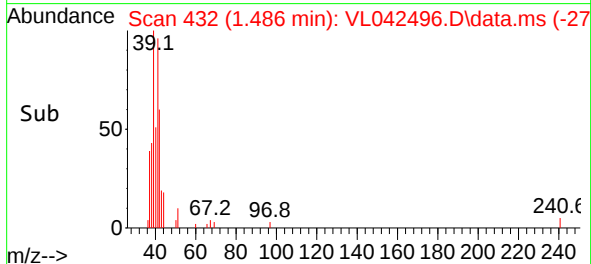
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45



Tgt Ion: 41 Resp: 1640
 Ion Ratio Lower Upper
 41 100
 42 62.8 54.3 81.5

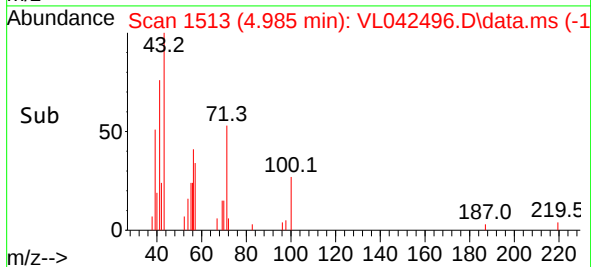
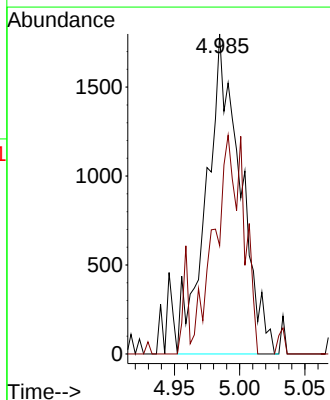
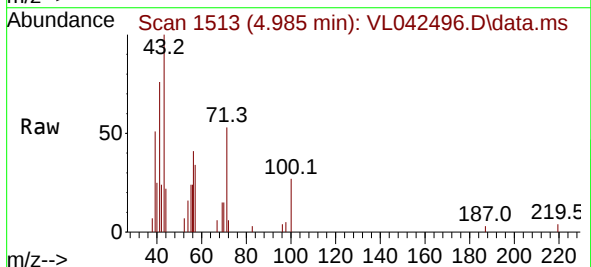
Manual Integrations
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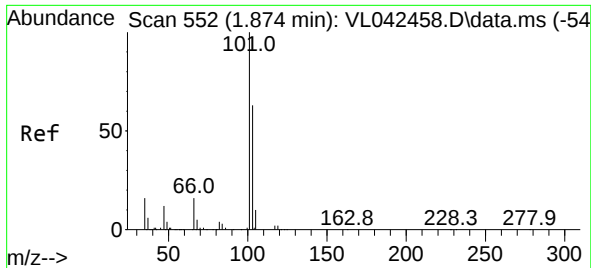
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#10
 Heptane
 Concen: 0.331 ppbv m
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

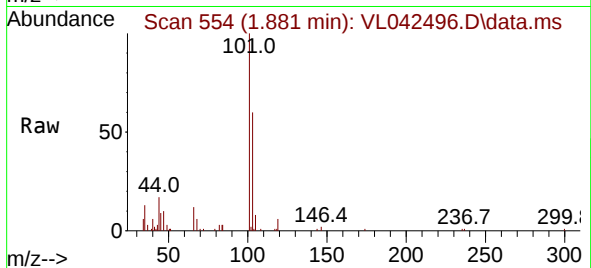
Tgt Ion: 43 Resp: 3248
 Ion Ratio Lower Upper
 43 100
 57 64.8 41.8 62.8#





#11
 Trichlorofluoromethane
 Concen: 0.698 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

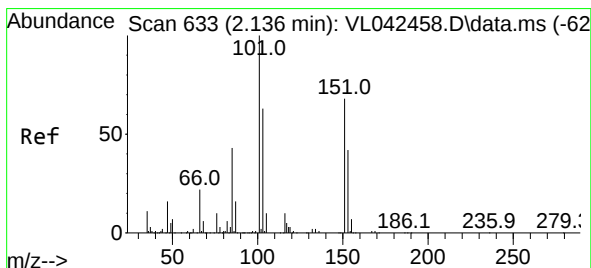
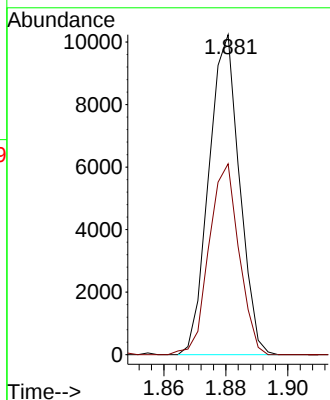
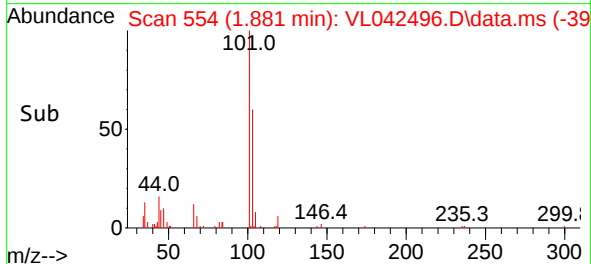
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45



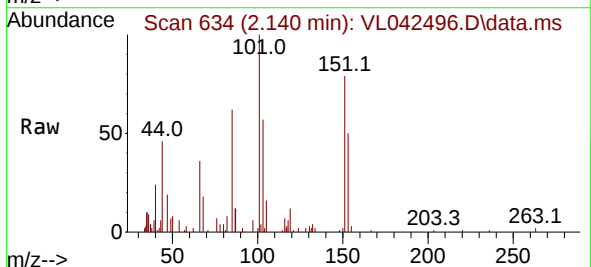
Tgt Ion:101 Resp: 7042
 Ion Ratio Lower Upper
 101 100
 103 59.7 50.6 76.0

Manual Integrations
 APPROVED

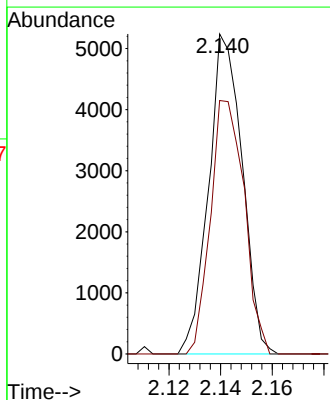
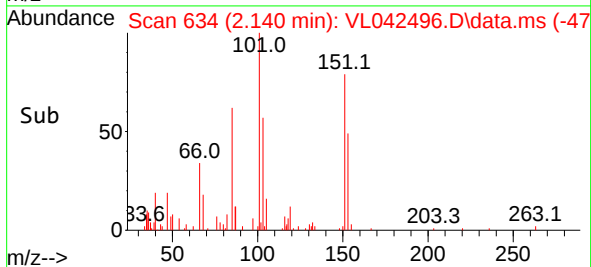
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

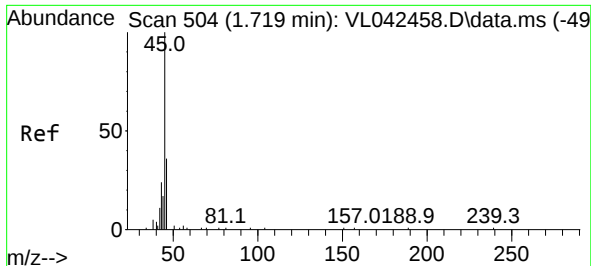


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.588 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57



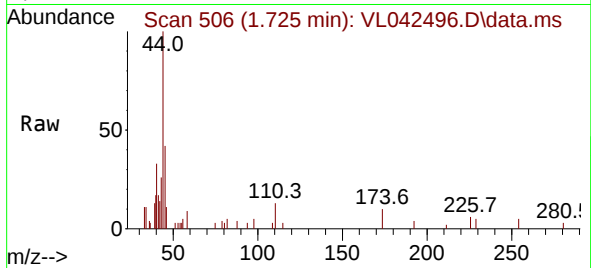
Tgt Ion:101 Resp: 4738
 Ion Ratio Lower Upper
 101 100
 151 79.4 54.6 82.0





#13
Ethanol
Concen: 0.696 ppbv m
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

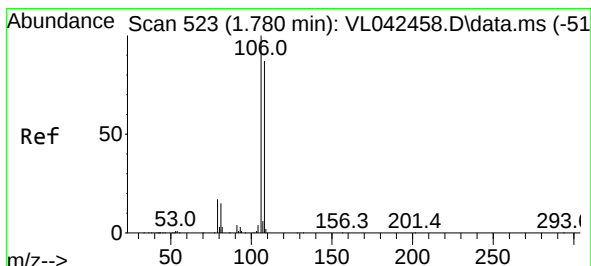
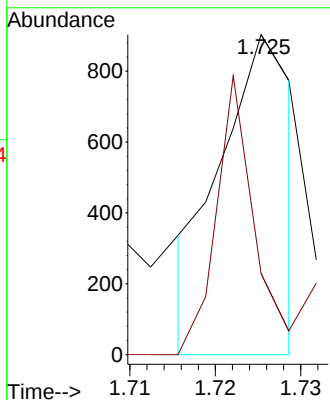
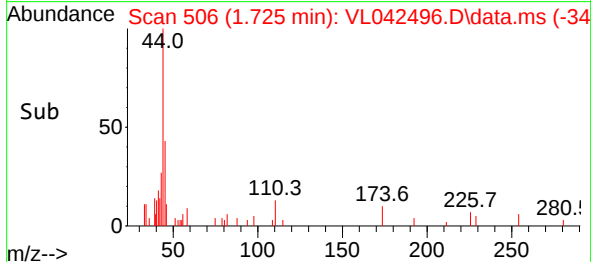
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



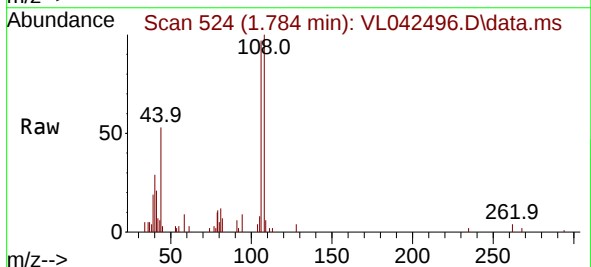
Tgt Ion: 45 Resp: 534
Ion Ratio Lower Upper
45 100
46 57.3 15.3 61.1

Manual Integrations
APPROVED

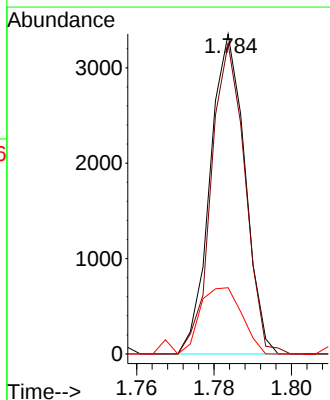
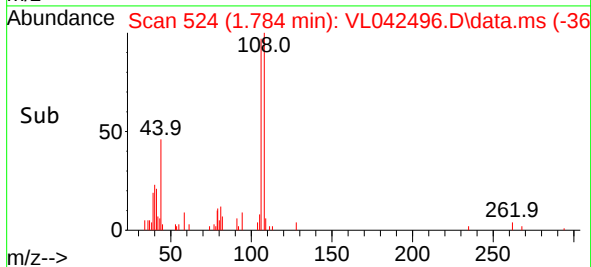
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

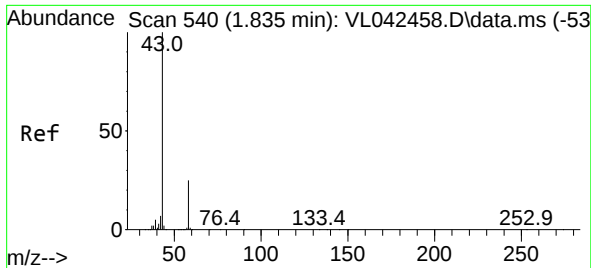


#14
Bromoethene
Concen: 0.702 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



Tgt Ion:108 Resp: 2090
Ion Ratio Lower Upper
108 100
106 93.6 88.8 133.2
79 26.2 17.1 25.7#





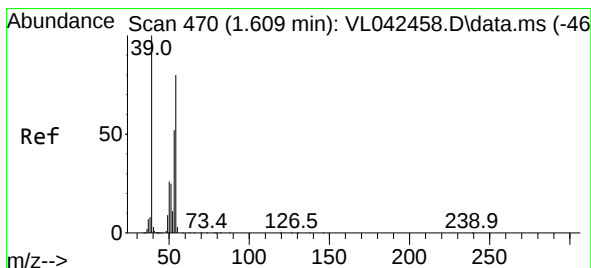
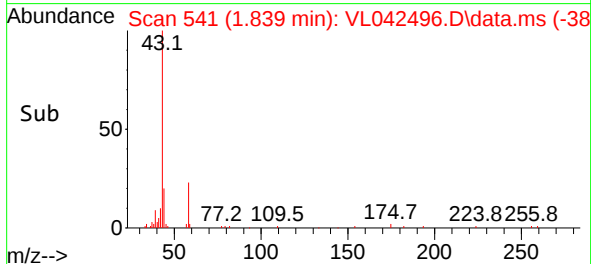
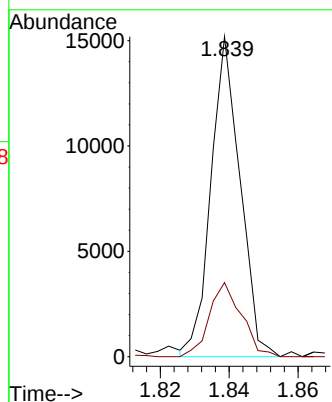
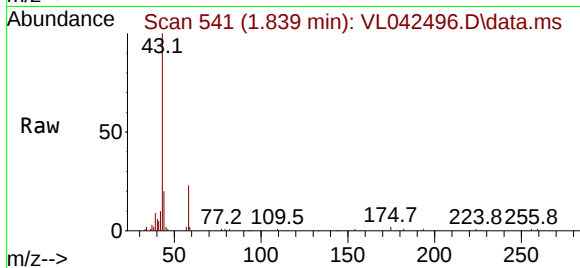
#15
Acetone
Concen: 0.738 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 25.9 19.8 29.8

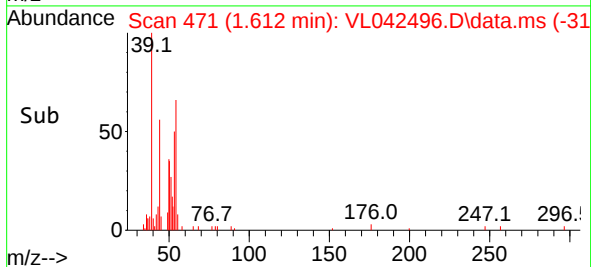
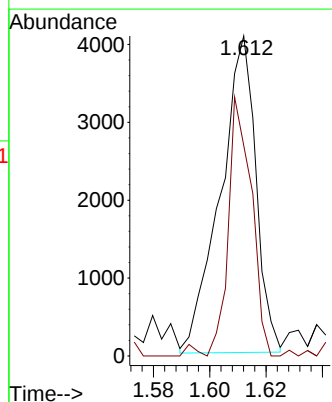
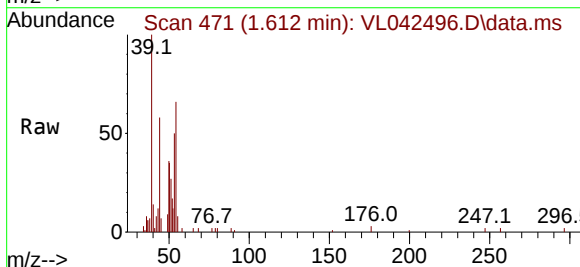
Manual Integrations
APPROVED

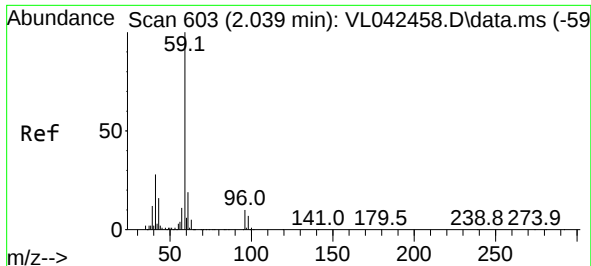
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
1,3-Butadiene
Concen: 0.670 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 39 Resp: 3568
Ion Ratio Lower Upper
39 100
54 56.3 55.2 82.8





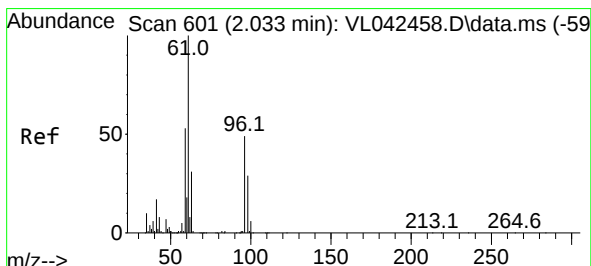
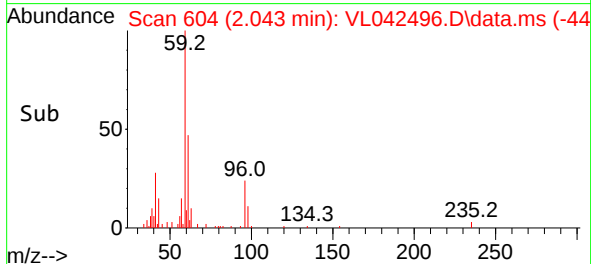
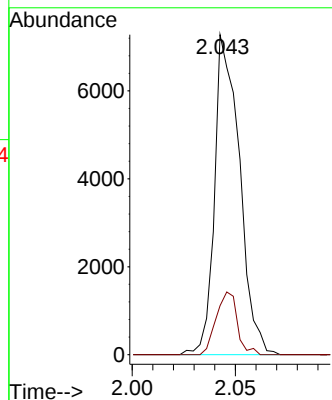
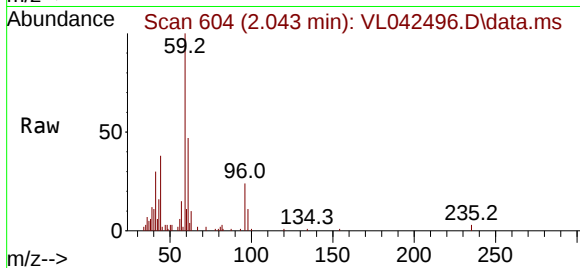
#17
tert-Butyl alcohol
Concen: 0.576 ppbv
RT: 2.043 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 16.6 8.3 12.5

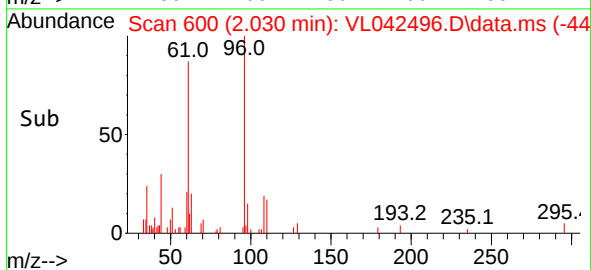
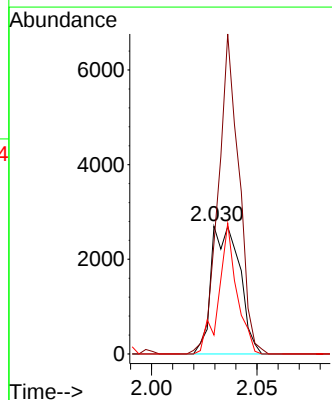
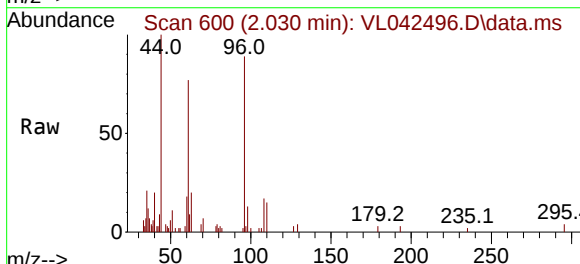
Manual Integrations
APPROVED

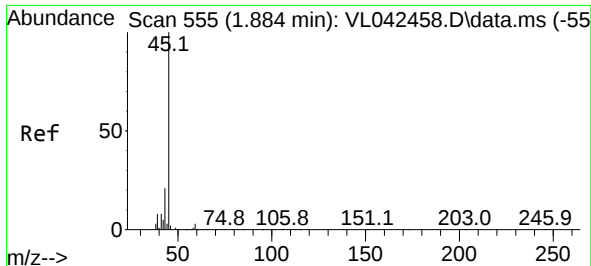
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#18
1,1-Dichloroethene
Concen: 0.677 ppbv m
RT: 2.030 min Scan# 600
Delta R.T. -0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

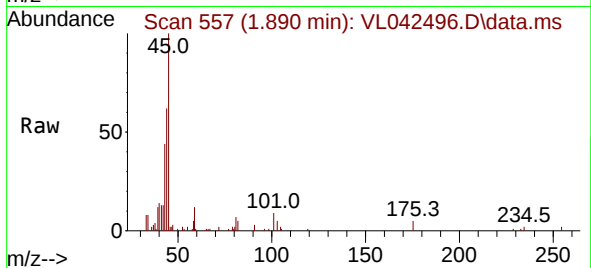
Tgt Ion: 96 Resp: 2547
Ion Ratio Lower Upper
96 100
61 86.7 164.9 247.3#
98 14.8 48.2 72.2#





#19
Isopropyl Alcohol
Concen: 0.590 ppbv
RT: 1.890 min Scan# 510
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

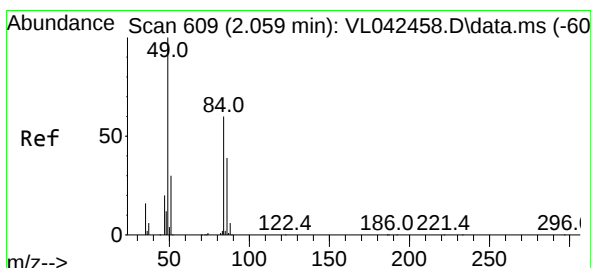
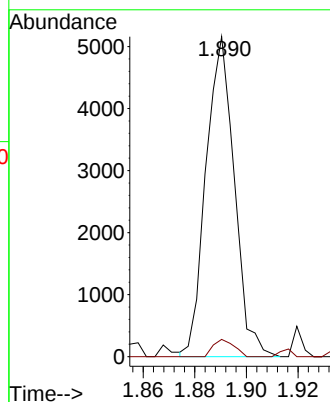
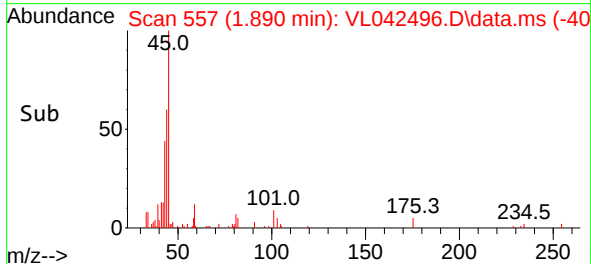
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



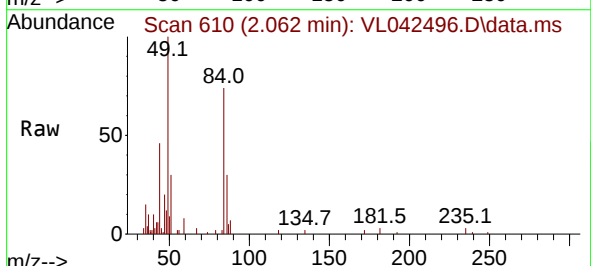
Tgt Ion: 45 Resp: 3938
Ion Ratio Lower Upper
45 100
58 4.0 1.6 2.4

Manual Integrations
APPROVED

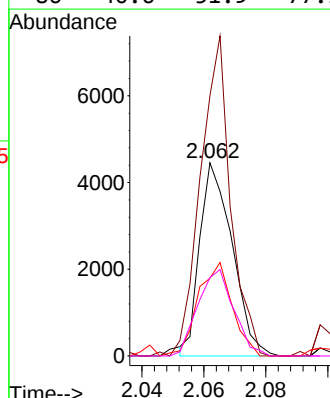
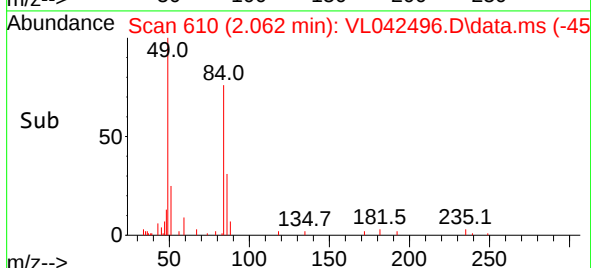
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

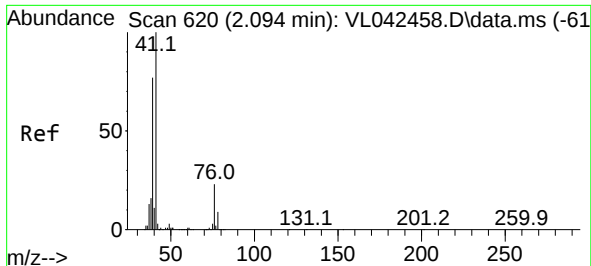


#20
Methylene Chloride
Concen: 0.895 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



Tgt Ion: 84 Resp: 3246
Ion Ratio Lower Upper
84 100
49 134.7 133.9 200.9
51 40.2 41.0 61.6#
86 40.6 51.9 77.9#





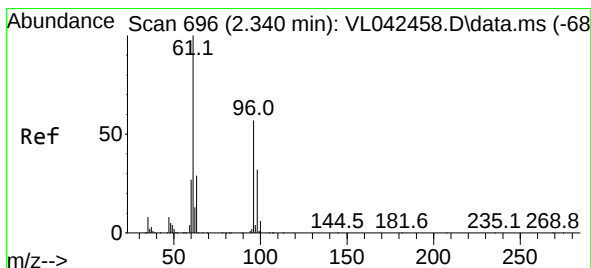
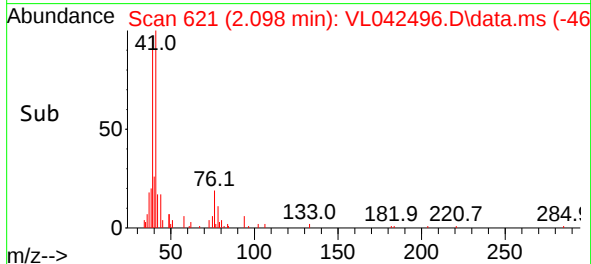
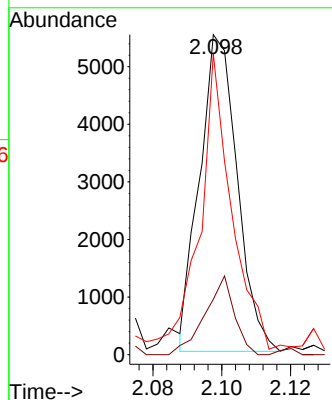
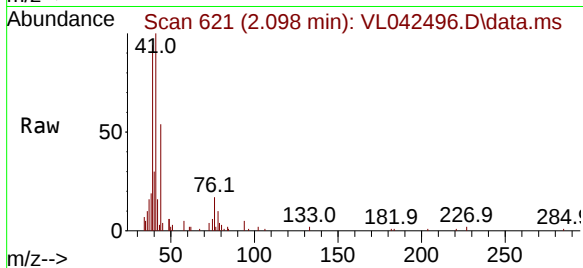
#21
 Allyl Chloride
 Concen: 0.539 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

Tgt Ion	Ratio	Lower	Upper
41	100		
76	22.4	19.6	29.4
39	91.3	61.0	91.4

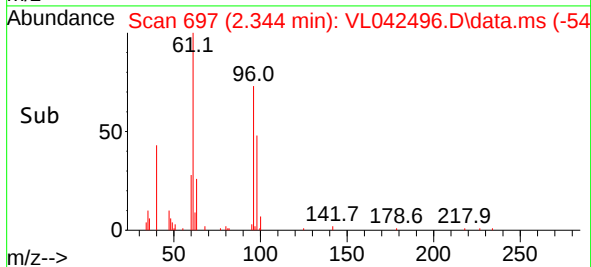
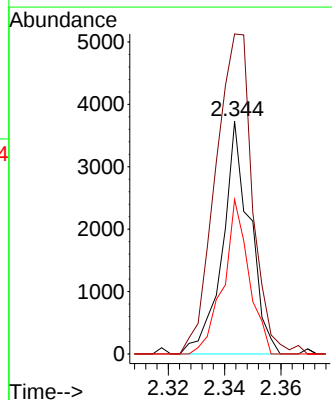
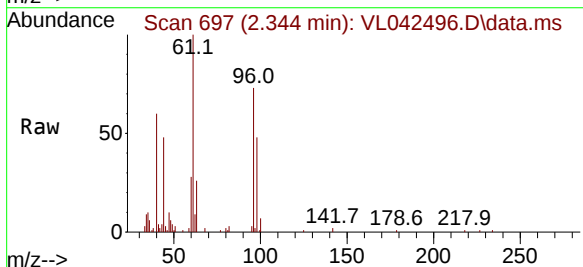
Manual Integrations
 APPROVED

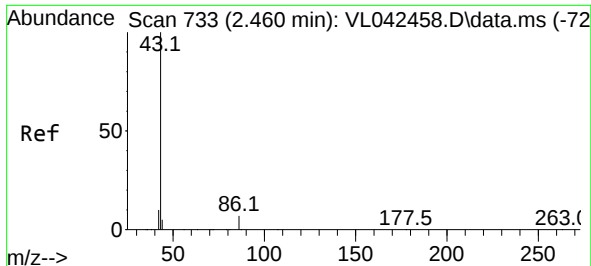
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.569 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

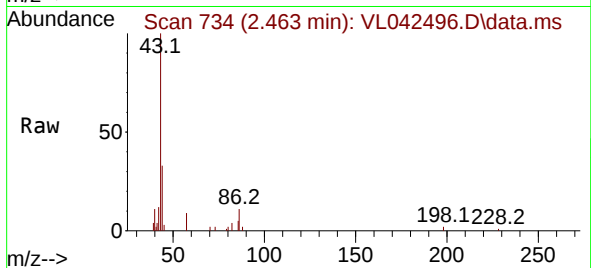
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.5	141.8	212.6#
98	66.4	45.0	67.6





#23
 Vinyl Acetate
 Concen: 0.472 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

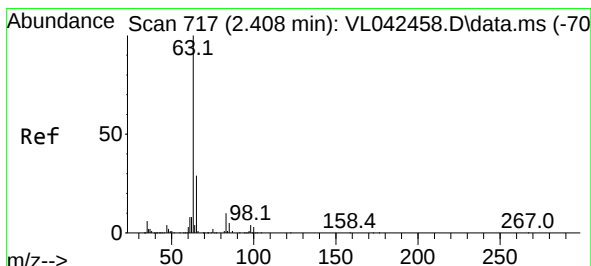
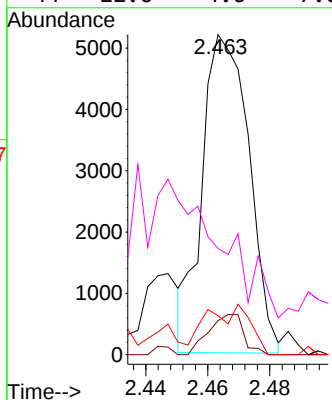
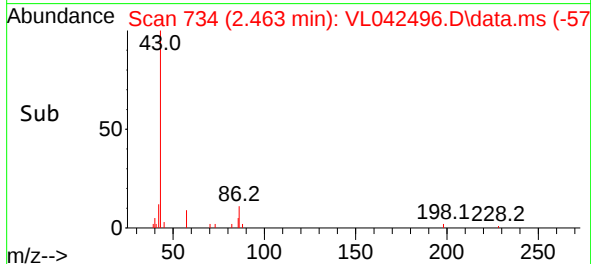
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45



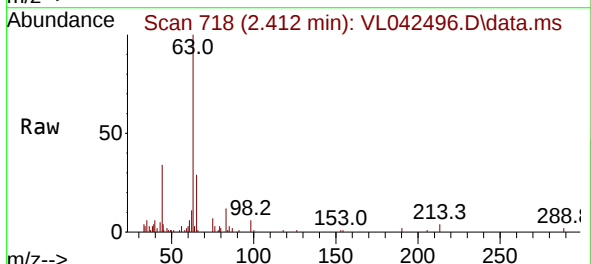
Tgt Ion: 43 Resp: 5438
 Ion Ratio Lower Upper
 43 100
 86 11.0 5.5 8.3#
 42 12.7 8.3 12.5#
 44 22.6 4.6 7.0#

Manual Integrations
 APPROVED

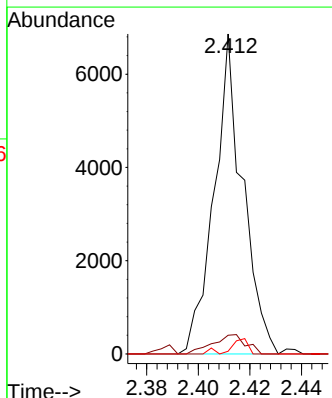
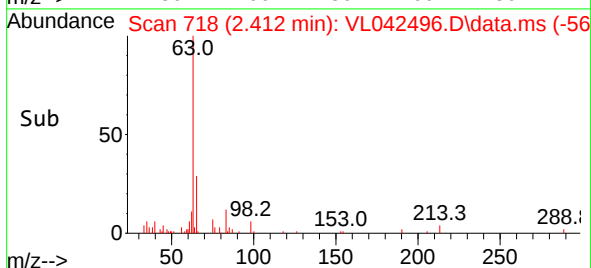
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

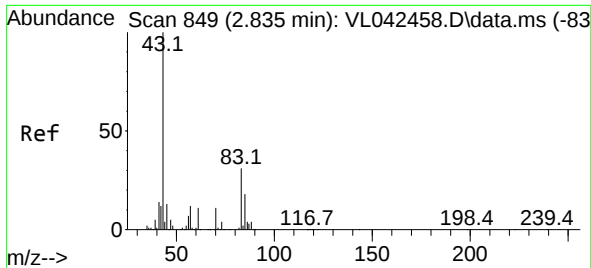


#24
 1,1-Dichloroethane
 Concen: 0.587 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57



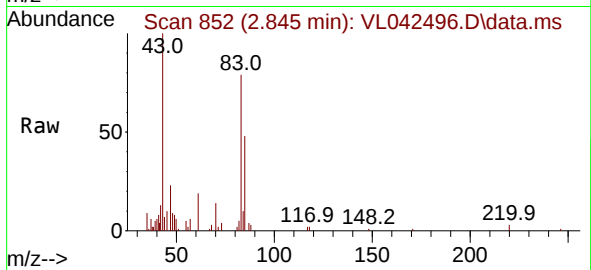
Tgt Ion: 63 Resp: 5265
 Ion Ratio Lower Upper
 63 100
 98 5.9 1.8 5.5#
 100 0.8 1.4 4.2#





#25
Ethyl Acetate
Concen: 0.451 ppbv
RT: 2.845 min Scan# 849
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

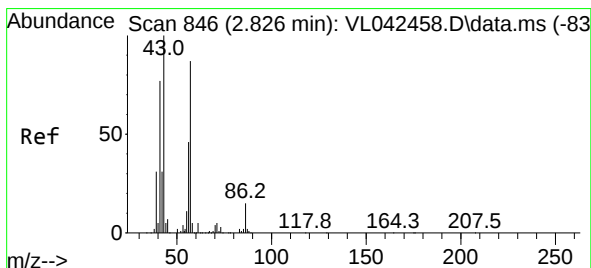
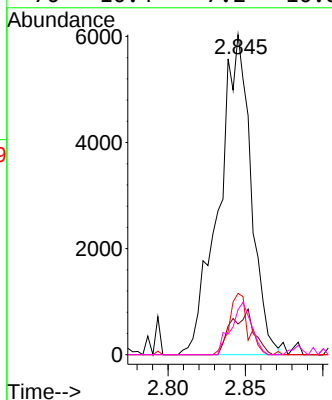
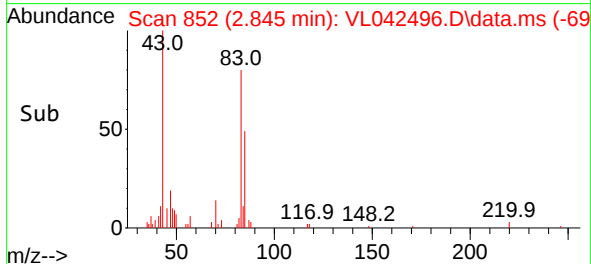
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



Tgt Ion: 43 Resp: 8708
Ion Ratio Lower Upper
43 100
45 10.0 7.8 11.6
61 11.2 7.2 10.8
70 10.4 7.2 10.8

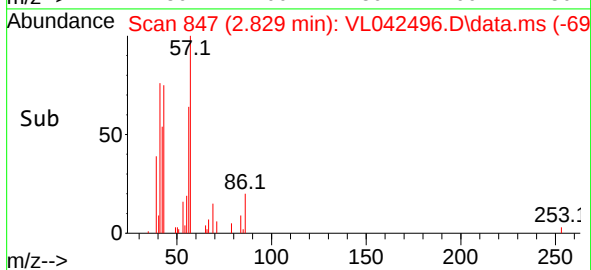
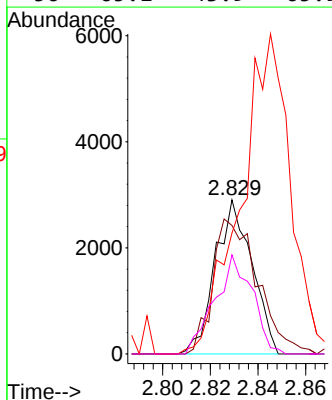
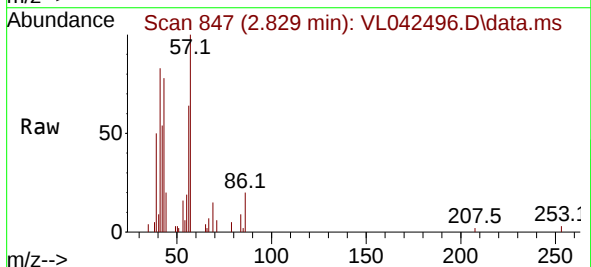
Manual Integrations
APPROVED

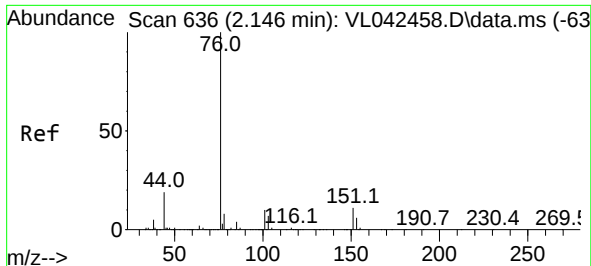
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#26
Hexane
Concen: 0.371 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 57 Resp: 3125
Ion Ratio Lower Upper
57 100
41 107.6 77.8 116.8
43 284.5 187.0 280.6#
56 65.1 43.9 65.9





#27

Carbon Disulfide

Concen: 0.604 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL042496.D

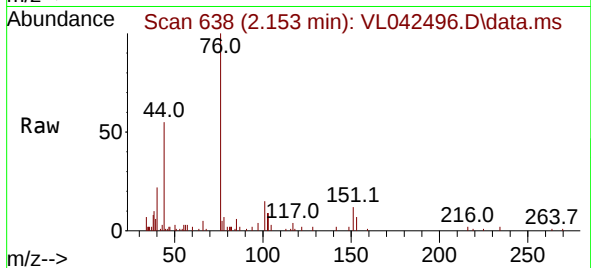
Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45



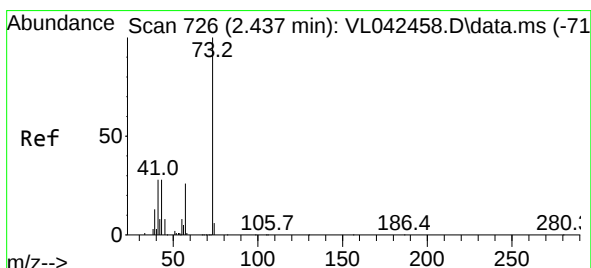
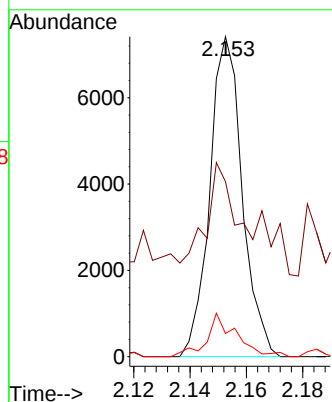
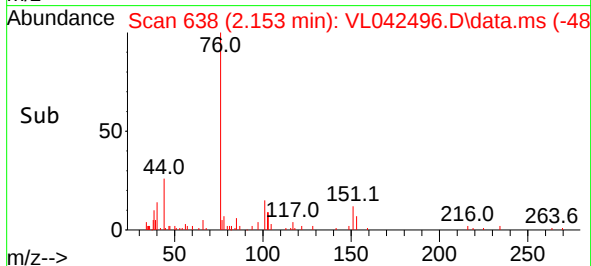
Tgt Ion:	76	Resp:	593
Ion Ratio	100	Lower	Upper
76	100		
44	74.4	21.0	31.6
78	12.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#28

Methyl tert-Butyl Ether

Concen: 0.554 ppbv

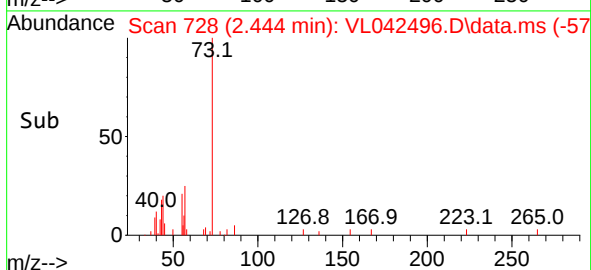
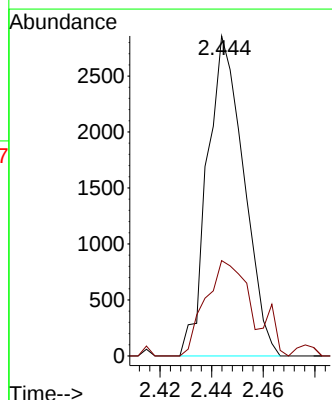
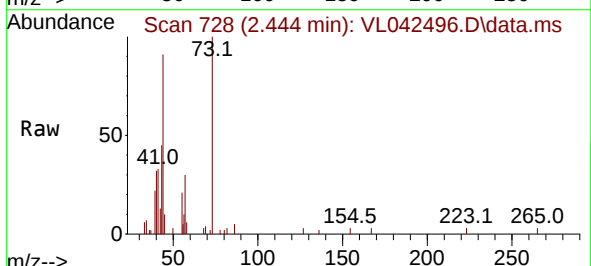
RT: 2.444 min Scan# 728

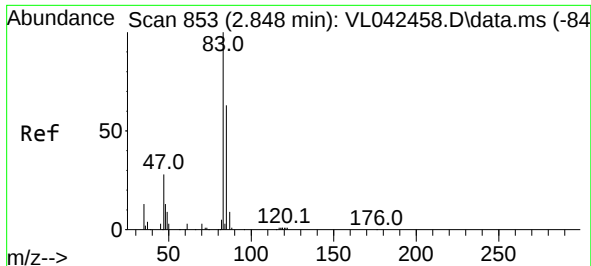
Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion:	73	Resp:	2804
Ion Ratio	100	Lower	Upper
73	100		
57	40.2	19.9	29.9





#29

Chloroform

Concen: 0.605 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

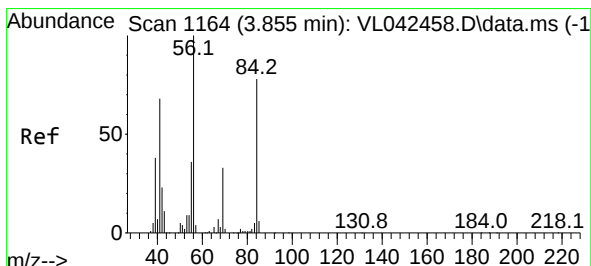
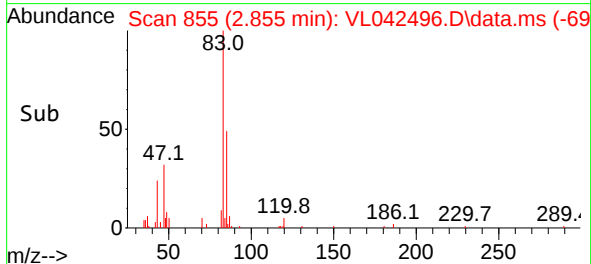
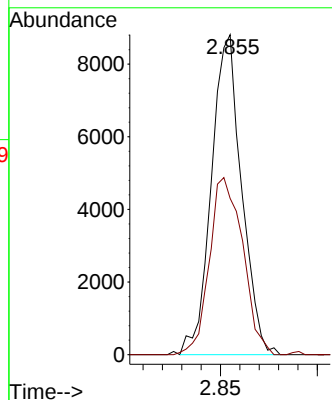
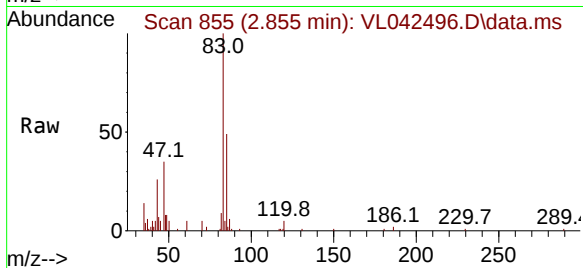
MDL2 0.45

Tgt Ion: 83 Resp: 9549
 Ion Ratio Lower Upper
 83 100
 85 48.8 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 0.328 ppbv m

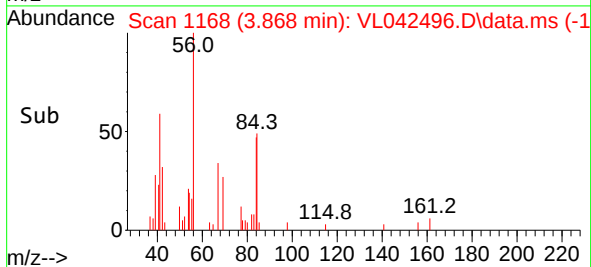
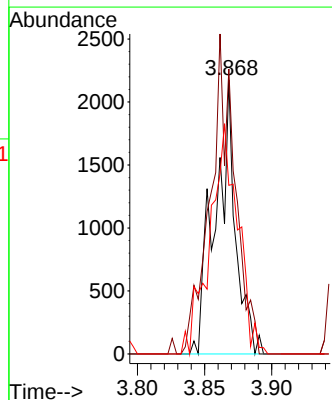
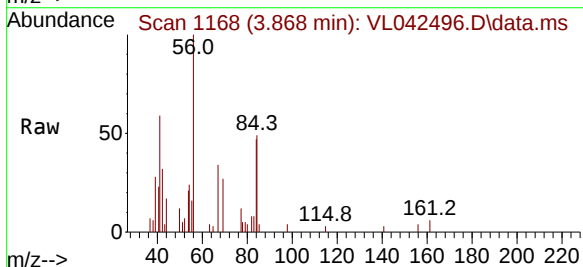
RT: 3.868 min Scan# 1168

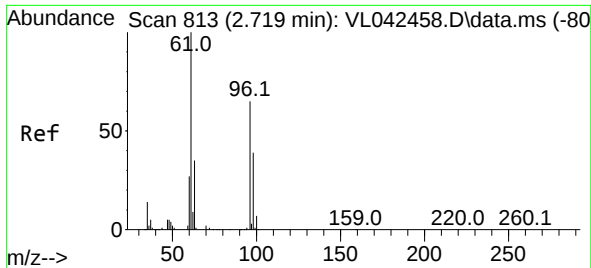
Delta R.T. 0.013 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion: 84 Resp: 2310
 Ion Ratio Lower Upper
 84 100
 56 141.6 98.1 147.1
 41 0.0 65.8 98.8





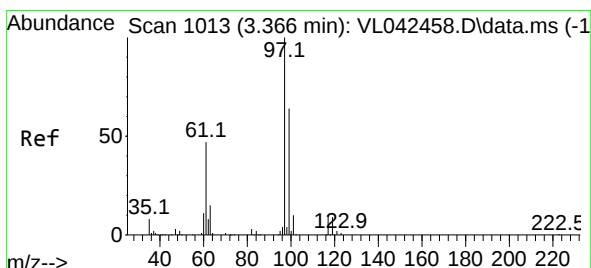
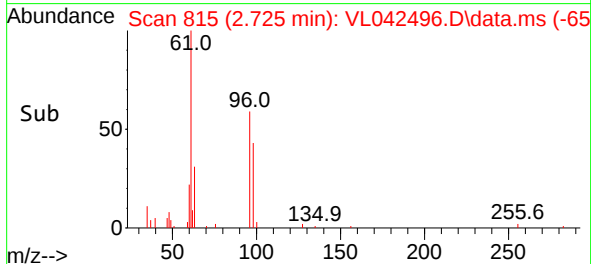
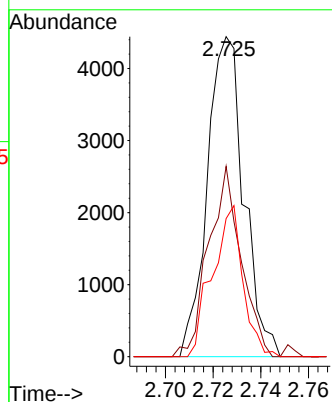
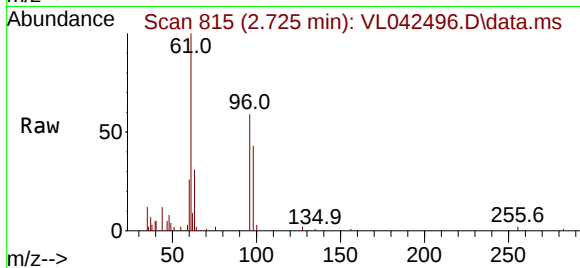
#31
 cis-1,2-Dichloroethene
 Concen: 0.482 ppbv
 RT: 2.725 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

Tgt Ion: 61 Resp: 473
 Ion Ratio Lower Upper
 61 100
 96 59.5 52.0 78.0
 98 43.2 31.0 46.6

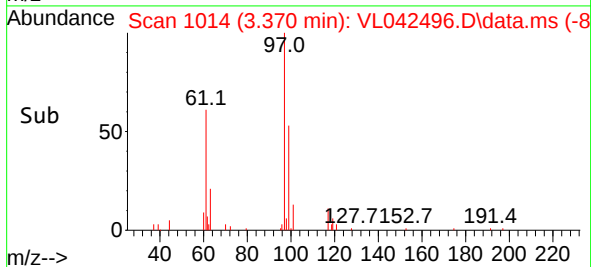
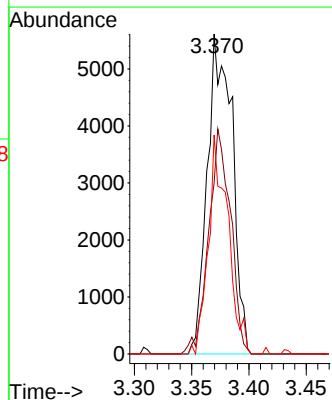
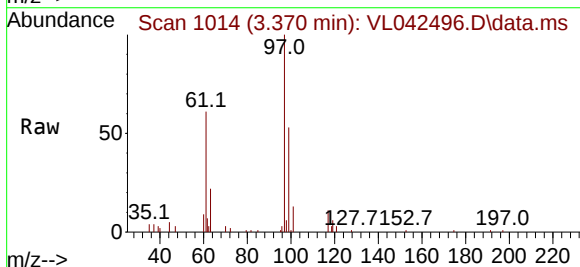
Manual Integrations
 APPROVED

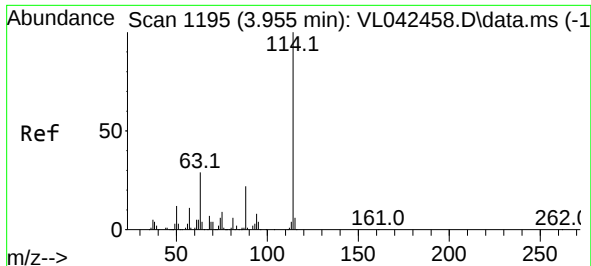
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.495 ppbv m
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion: 97 Resp: 8464
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.7 76.1#
 61 0.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

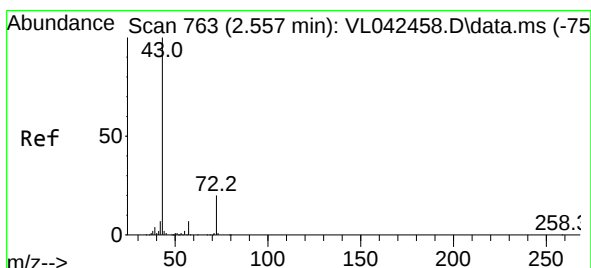
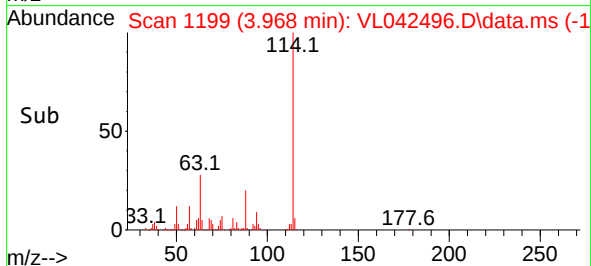
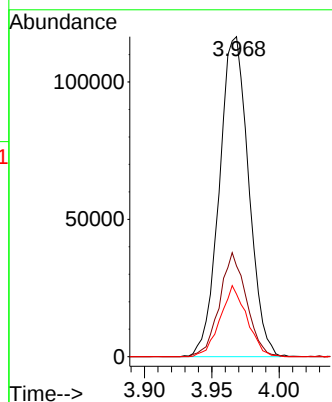
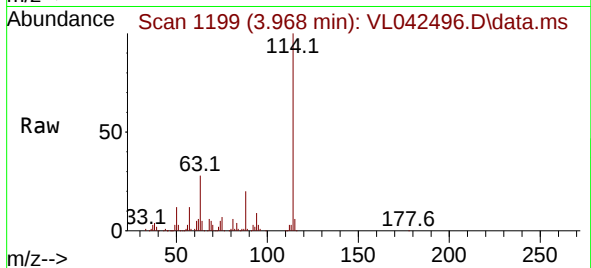
MDL2 0.45

Tgt Ion: 114	Resp: 17631
Ion Ratio	Lower Upper
114 100	
63 29.9	23.1 34.7
88 20.3	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.450 ppbv

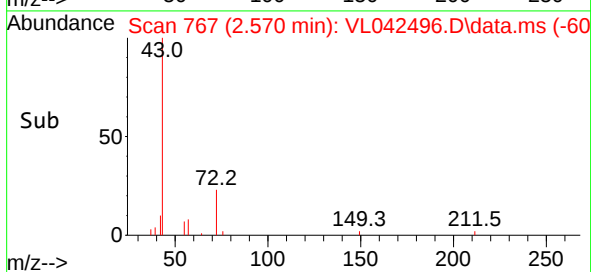
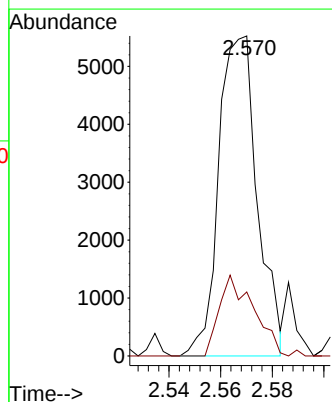
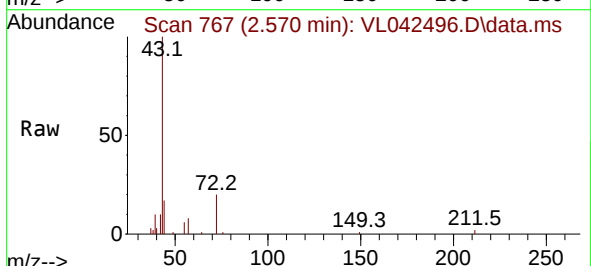
RT: 2.570 min Scan# 767

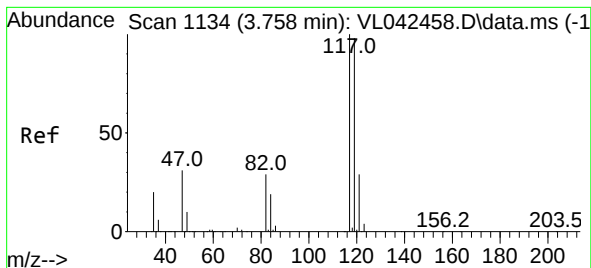
Delta R.T. 0.013 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion: 43	Resp: 5739
Ion Ratio	Lower Upper
43 100	
72 22.9	16.7 25.1





#35

Carbon Tetrachloride

Concen: 0.482 ppbv

RT: 3.774 min Scan# 1134

Delta R.T. 0.016 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

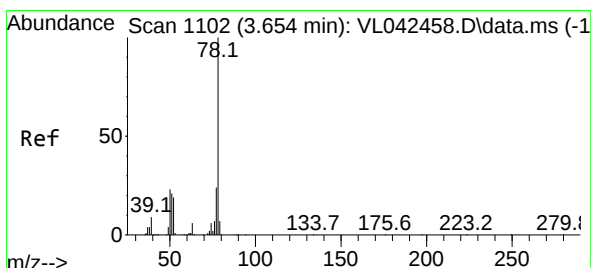
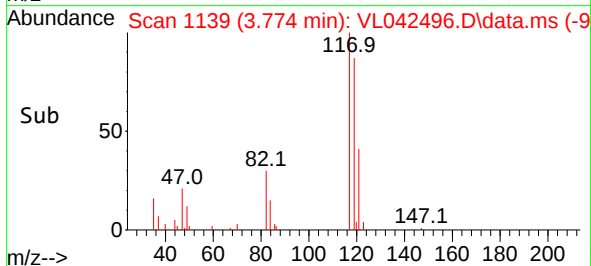
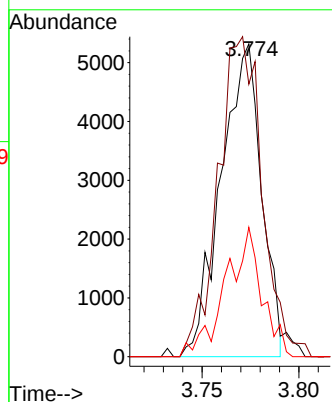
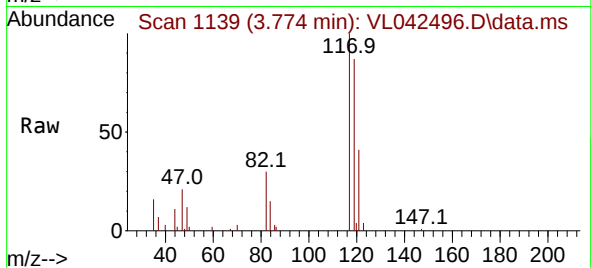
Tgt Ion:	117	Resp:	7720
Ion	Ratio	Lower	Upper
117	100		
119	87.1	78.1	117.1
121	41.3	23.0	34.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#36

Benzene

Concen: 0.402 ppbv

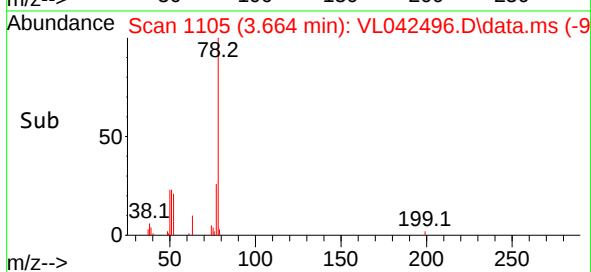
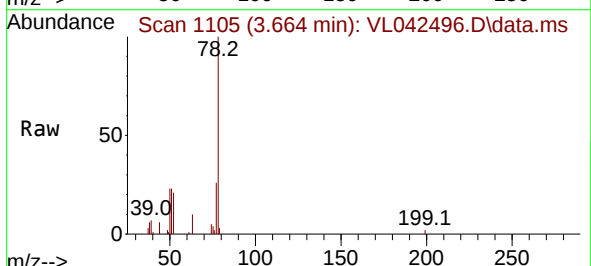
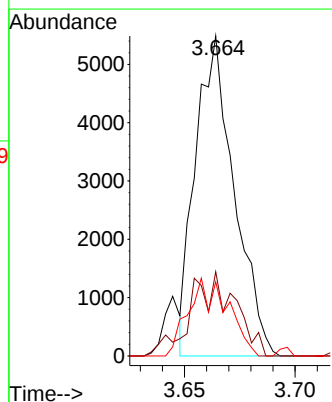
RT: 3.664 min Scan# 1105

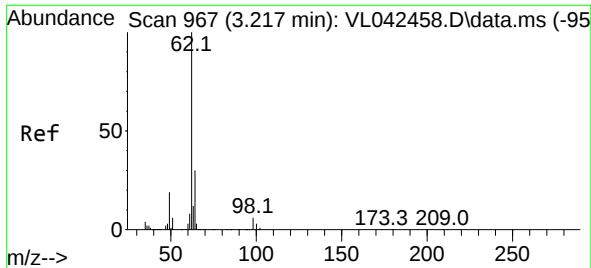
Delta R.T. 0.010 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion:	78	Resp:	6693
Ion	Ratio	Lower	Upper
78	100		
77	26.3	18.9	28.3
50	21.0	18.4	27.6





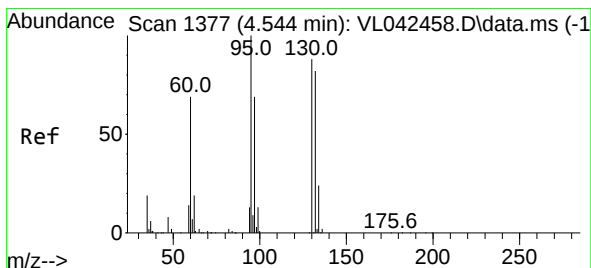
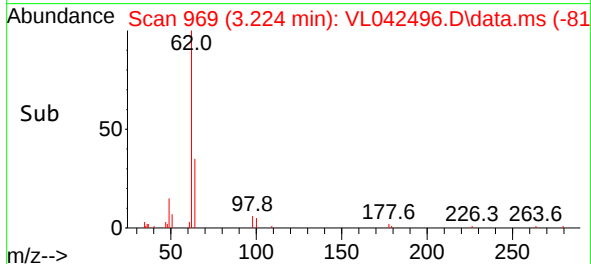
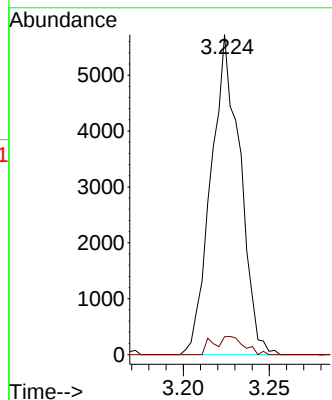
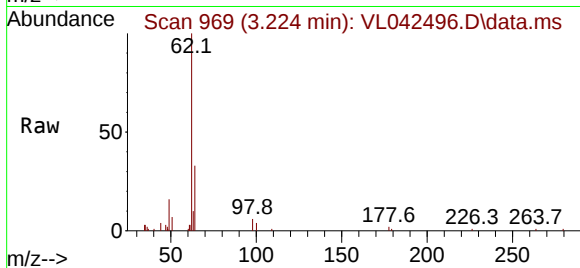
#37
1,2-Dichloroethane
Concen: 0.525 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion: 62 Resp: 6738
Ion Ratio Lower Upper
62 100
98 6.0 4.3 6.5

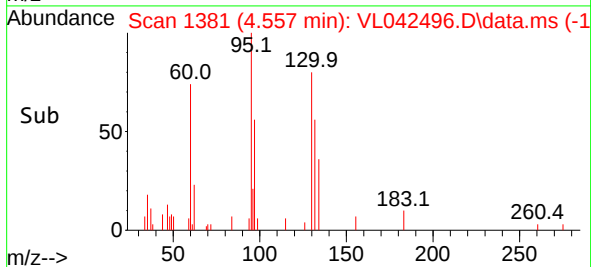
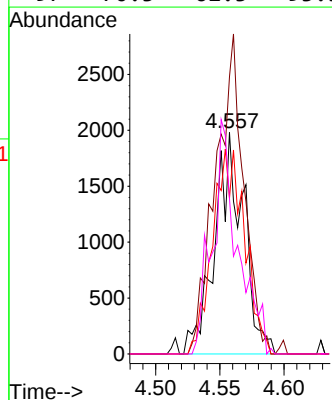
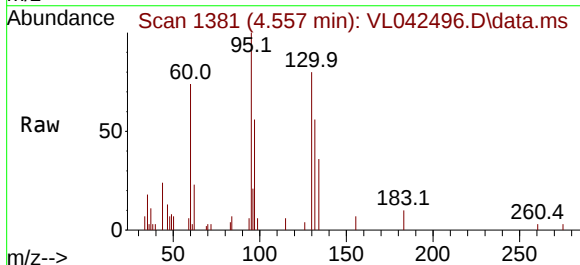
Manual Integrations
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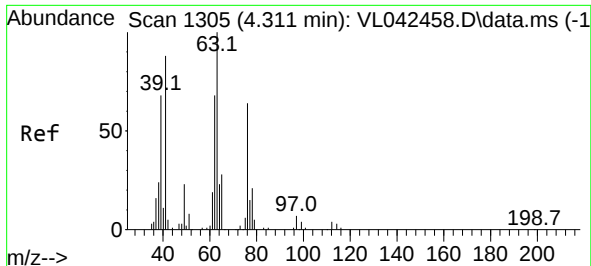
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.492 ppbv m
RT: 4.557 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:130 Resp: 3123
Ion Ratio Lower Upper
130 100
95 125.1 91.0 136.4
132 70.2 74.2 111.4#
97 70.3 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.544 ppbv m

RT: 4.318 min Scan# 1305

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

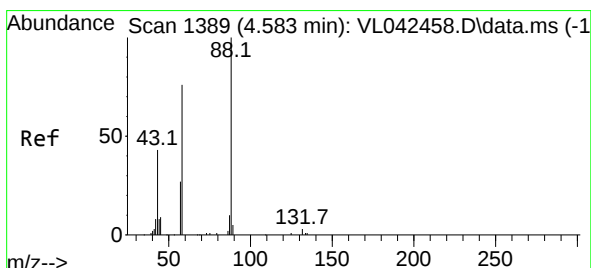
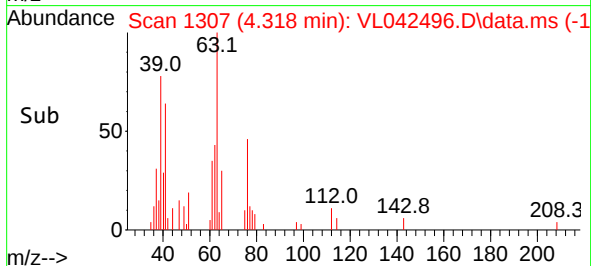
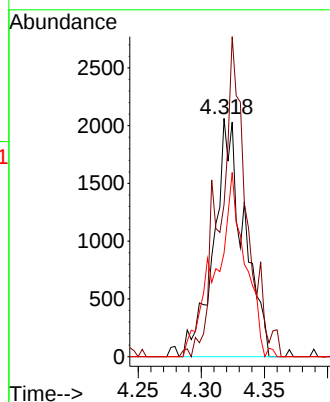
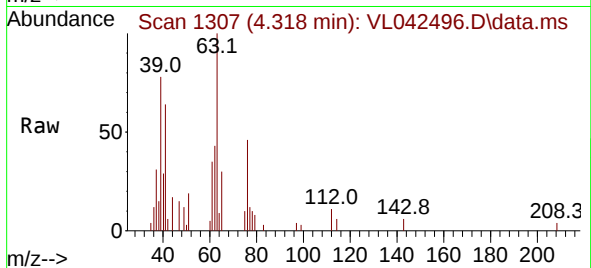
MDL2 0.45

Tgt Ion: 63	Resp: 339
Ion Ratio	Lower Upper
63 100	
41 63.9	69.8 104.6
62 43.5	54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.383 ppbv m

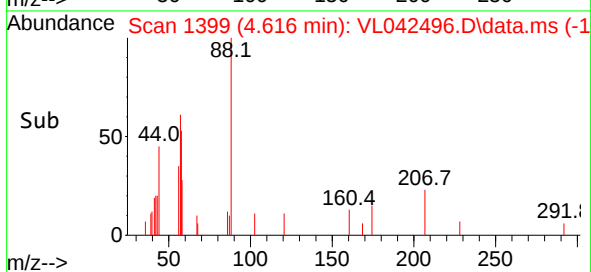
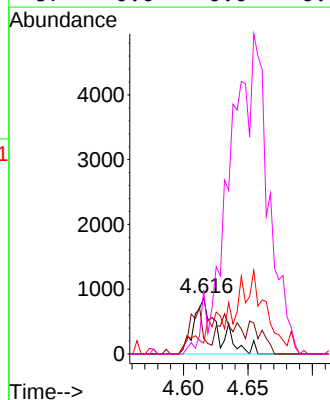
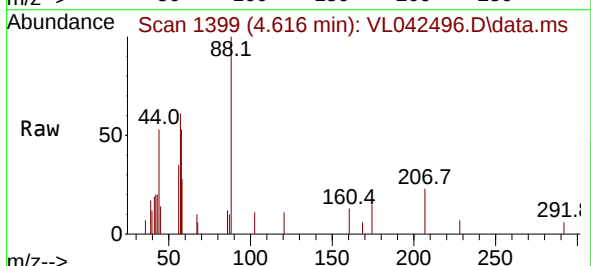
RT: 4.616 min Scan# 1399

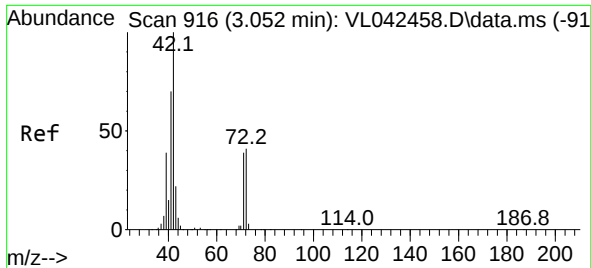
Delta R.T. 0.032 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

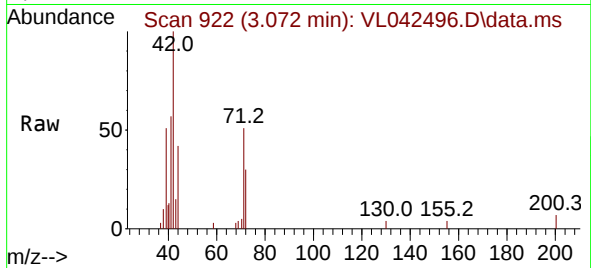
Tgt Ion: 88	Resp: 1118
Ion Ratio	Lower Upper
88 100	
58 48.9	0.0 0.0
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.412 ppbv m
RT: 3.072 min Scan# 916
Delta R.T. 0.019 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

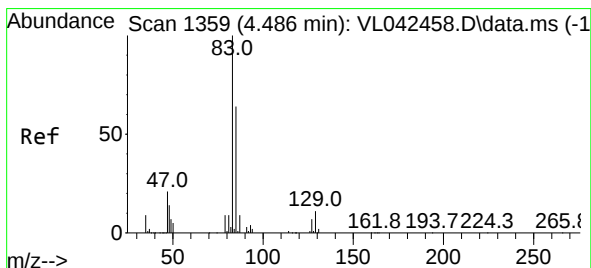
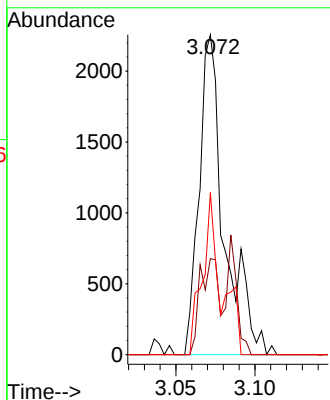
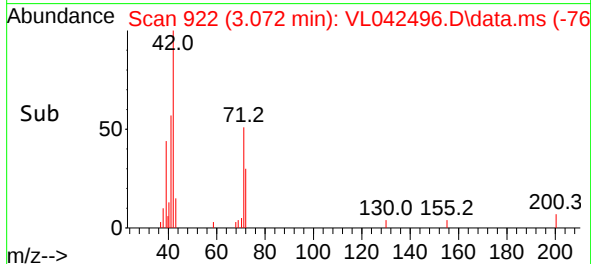
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



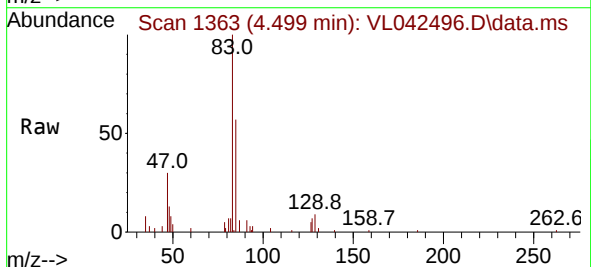
Tgt Ion: 42 Resp: 2500
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3
71 38.0 32.6 49.0

Manual Integrations
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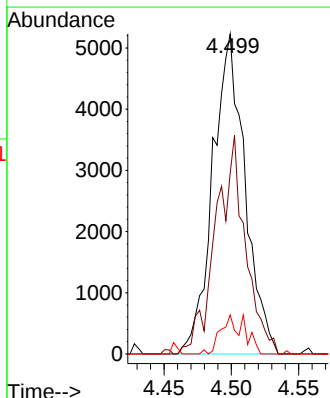
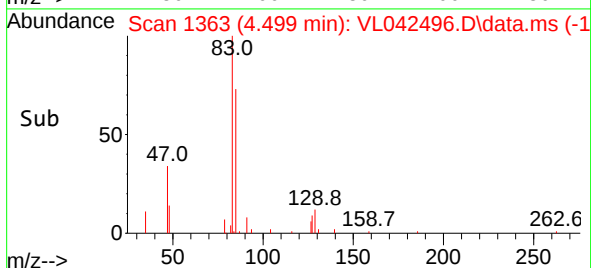
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

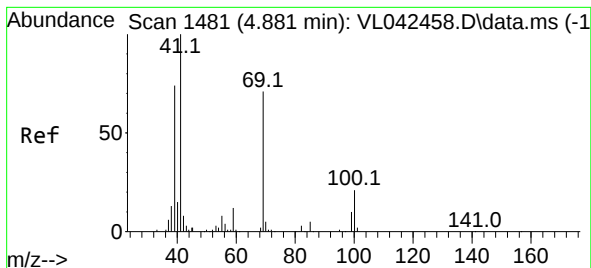


#42
Bromodichloromethane
Concen: 0.555 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



Tgt Ion: 83 Resp: 8700
Ion Ratio Lower Upper
83 100
85 56.5 51.5 77.3
127 12.2 5.4 8.2





#43

Methyl Methacrylate

Concen: 0.347 ppbv m

RT: 4.894 min Scan# 1485

Delta R.T. 0.013 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

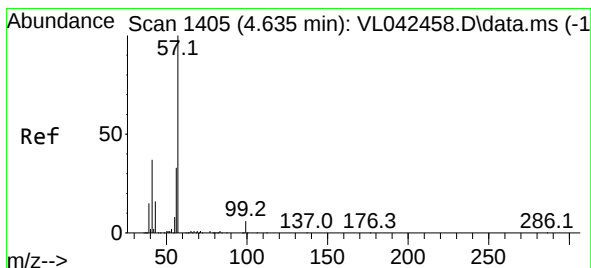
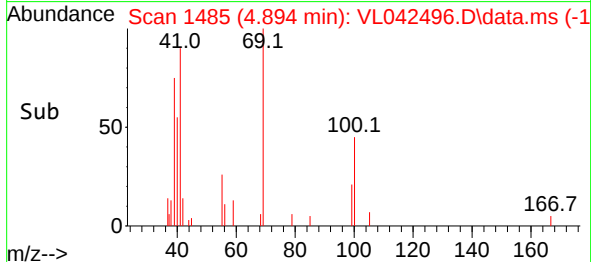
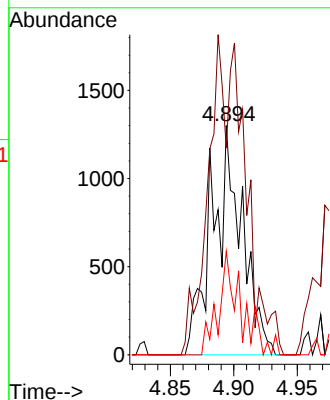
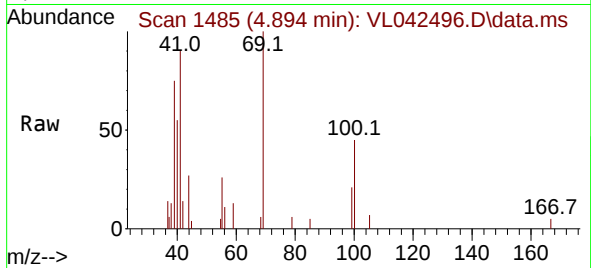
Tgt Ion:	69	Resp:	215
Ion Ratio	Lower	Upper	
69	100		
41	0.0	120.8	181.2
100	33.9	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#44

2,2,4-Trimethylpentane

Concen: 0.382 ppbv m

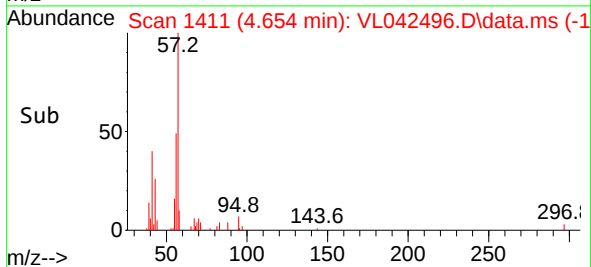
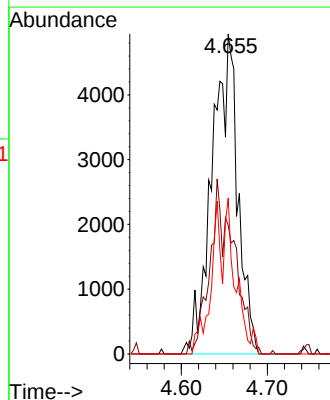
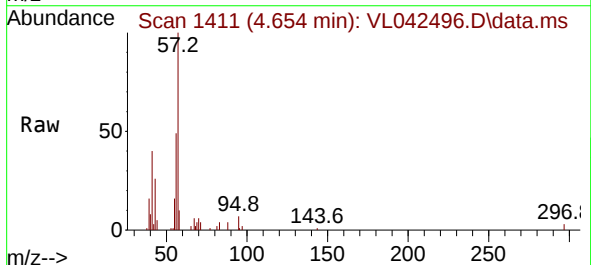
RT: 4.654 min Scan# 1411

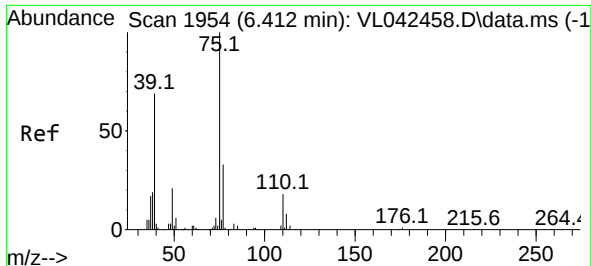
Delta R.T. 0.019 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

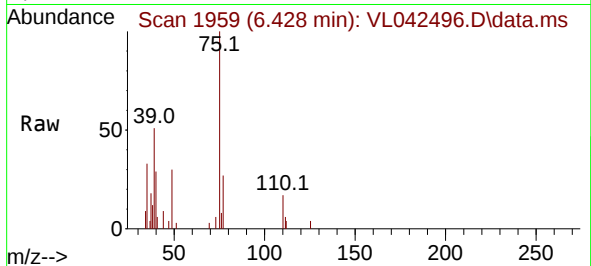
Tgt Ion:	57	Resp:	10314
Ion Ratio	Lower	Upper	
57	100		
41	0.0	30.6	45.8#
56	41.1	25.0	37.6#





#45
 t-1,3-Dichloropropene
 Concen: 0.333 ppbv m
 RT: 6.428 min Scan# 1954
 Delta R.T. 0.016 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

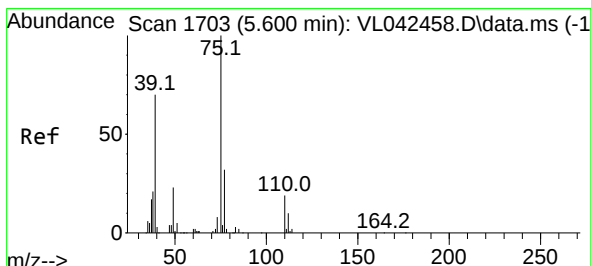
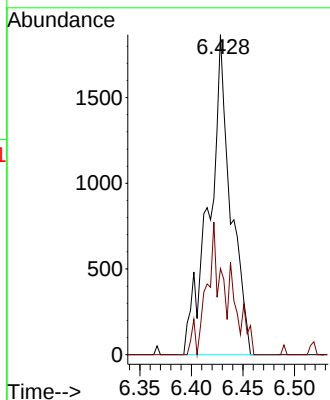
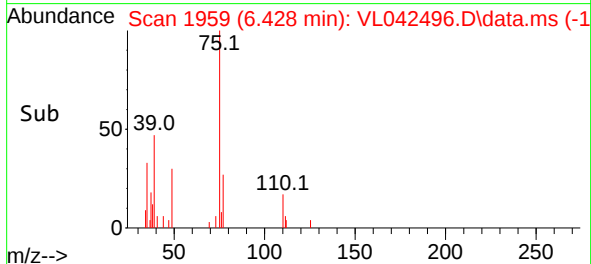
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45



Tgt Ion: 75 Resp: 2710
 Ion Ratio Lower Upper
 75 100
 77 26.9 26.3 39.5

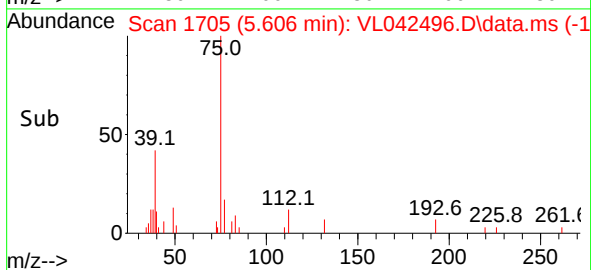
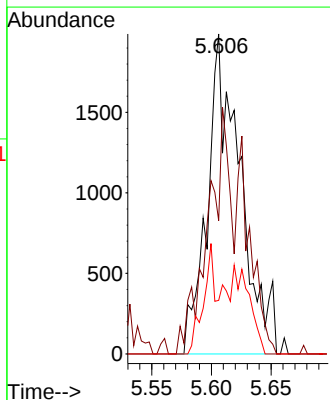
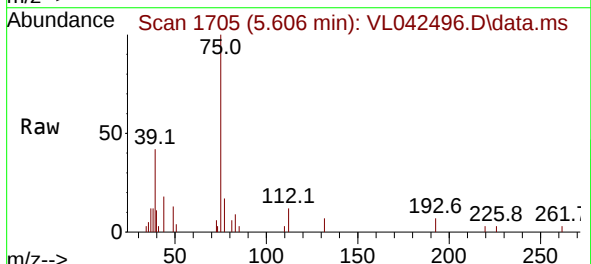
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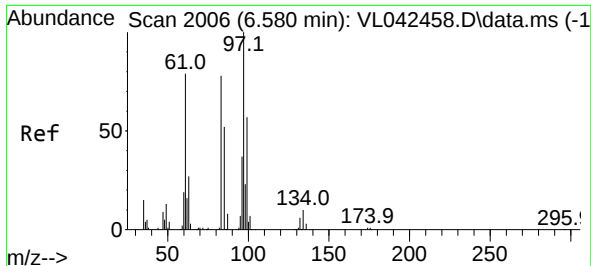
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.392 ppbv m
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion: 75 Resp: 3798
 Ion Ratio Lower Upper
 75 100
 39 41.6 55.7 83.5#
 77 16.8 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.580 ppbv m

RT: 6.600 min Scan# 2006

Delta R.T. 0.019 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

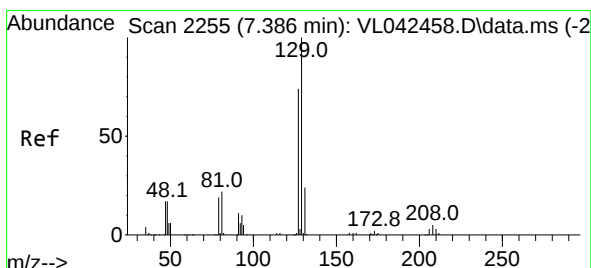
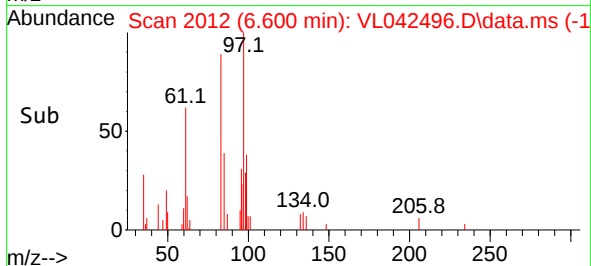
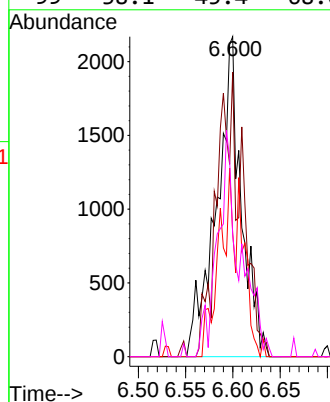
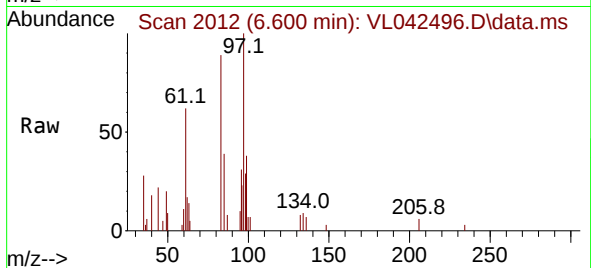
MDL2 0.45

Tgt Ion: 97	Resp: 396
Ion Ratio	Lower Upper
97 100	
83 88.9	62.2 93.2
85 38.7	41.5 62.3
99 38.1	45.4 68.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48

Dibromochloromethane

Concen: 0.530 ppbv m

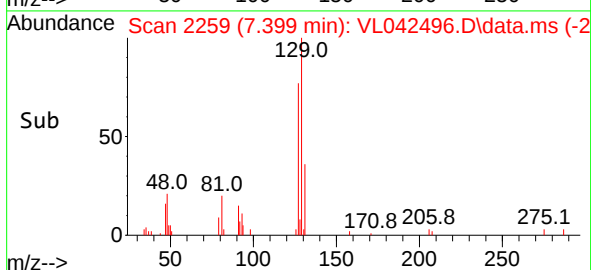
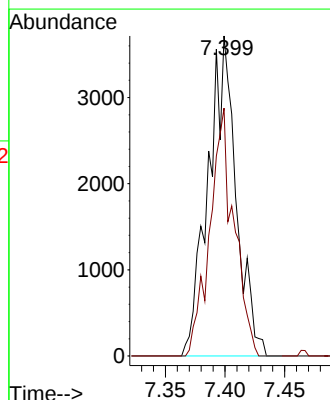
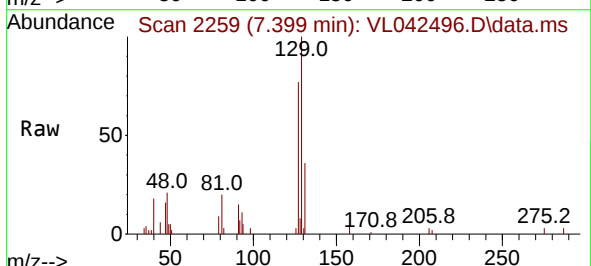
RT: 7.399 min Scan# 2259

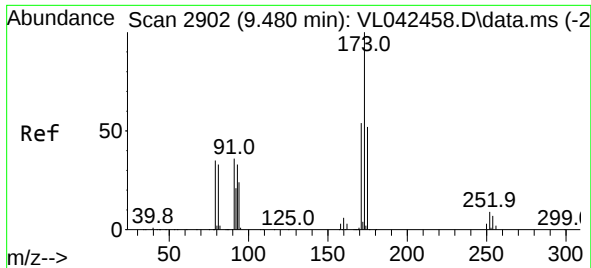
Delta R.T. 0.013 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

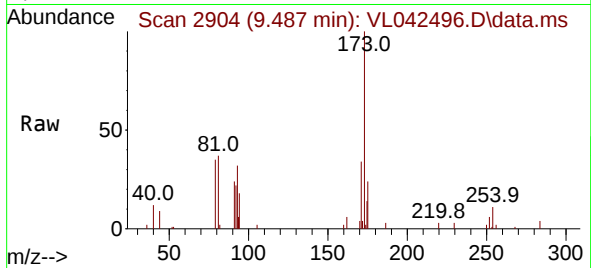
Tgt Ion:129	Resp: 6116
Ion Ratio	Lower Upper
129 100	
127 66.6	39.5 118.5





#49
Bromoform
Concen: 0.487 ppbv m
RT: 9.487 min Scan# 2902
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

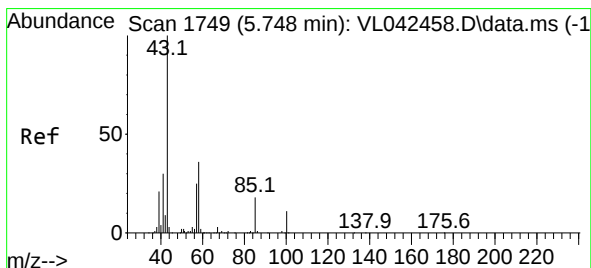
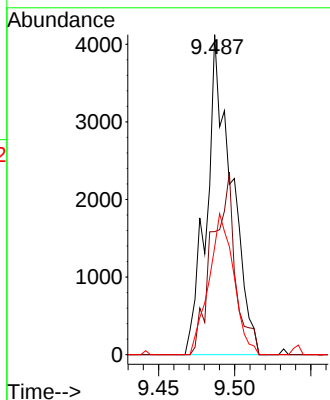
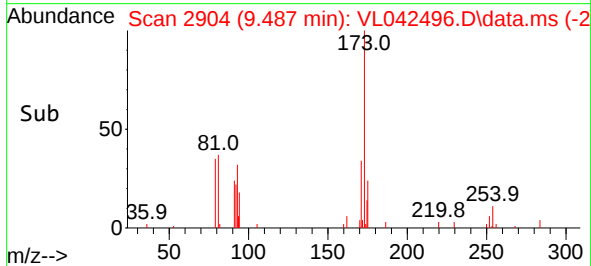
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



Tgt Ion:173 Resp: 471
Ion Ratio Lower Upper
173 100
175 52.6 38.9 58.3
171 43.8 40.6 60.8

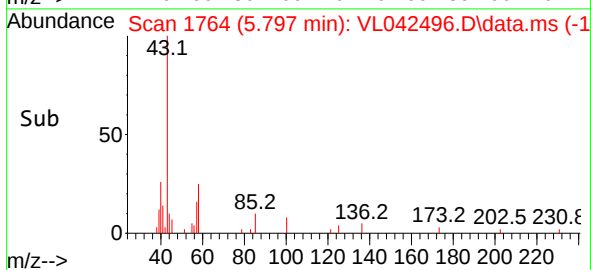
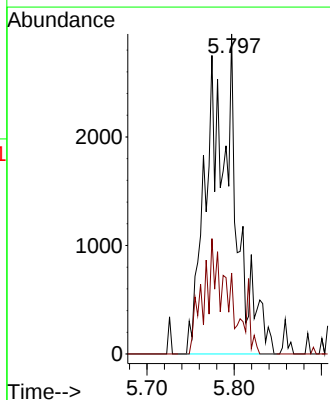
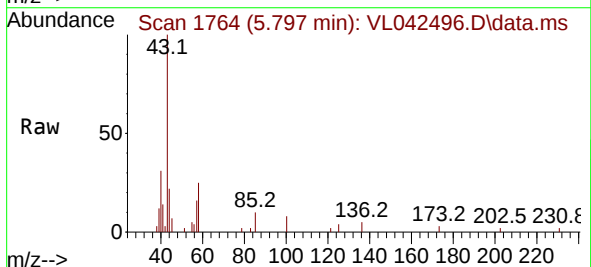
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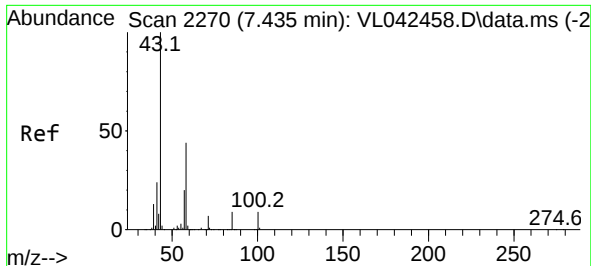
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.390 ppbv m
RT: 5.797 min Scan# 1764
Delta R.T. 0.049 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

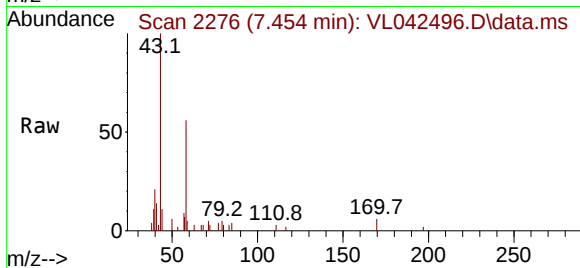
Tgt Ion: 43 Resp: 6298
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#51
2-Hexanone
Concen: 0.360 ppbv
RT: 7.454 min Scan# 2118
Delta R.T. 0.019 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

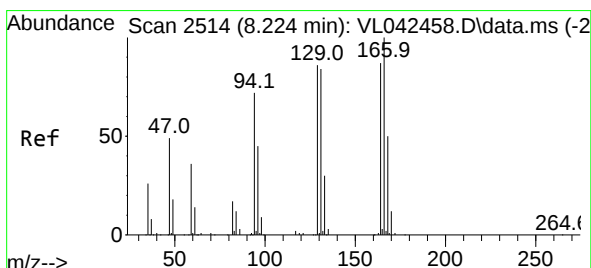
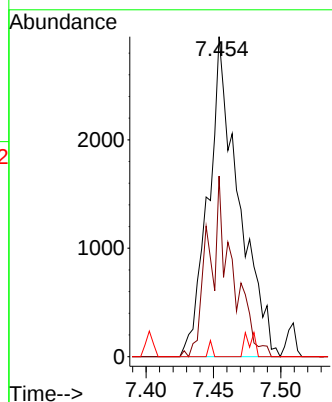
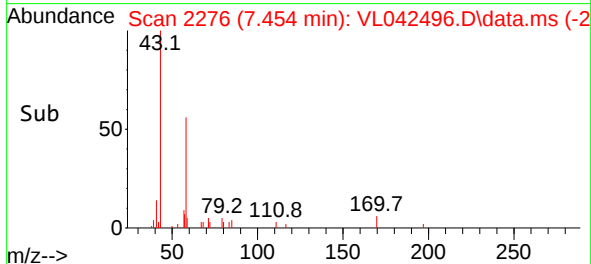
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



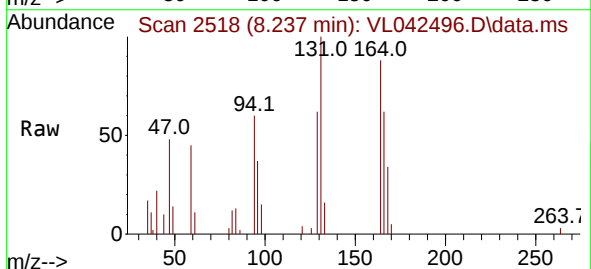
Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 44.0 37.2 55.8
98 2.2 0.4 0.6

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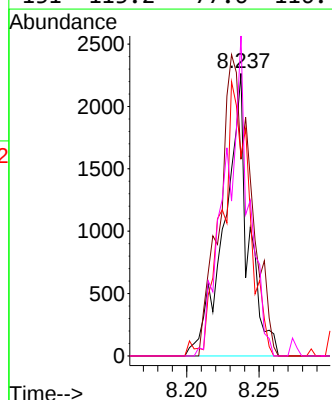
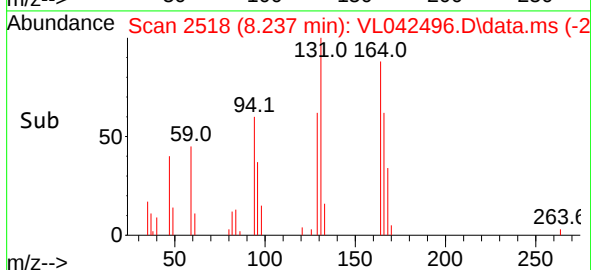
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

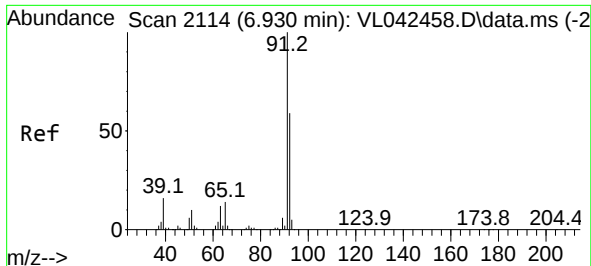


#52
Tetrachloroethene
Concen: 0.410 ppbv m
RT: 8.237 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



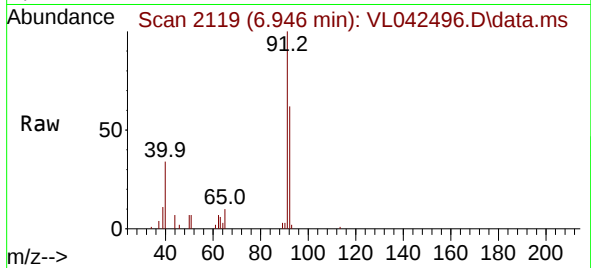
Tgt Ion:164 Resp: 2595
Ion Ratio Lower Upper
164 100
166 69.7 91.6 137.4#
129 70.6 79.0 118.4#
131 113.2 77.6 116.4





#53
Toluene
Concen: 0.374 ppbv m
RT: 6.946 min Scan# 2114
Delta R.T. 0.016 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

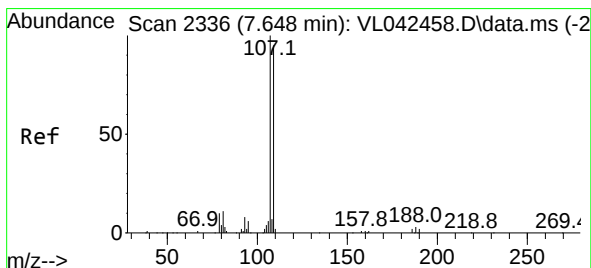
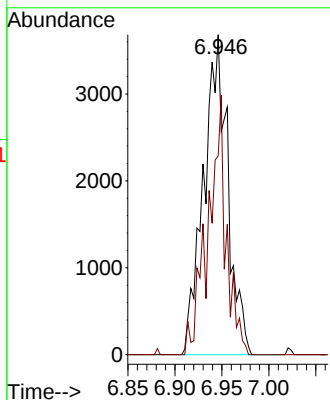
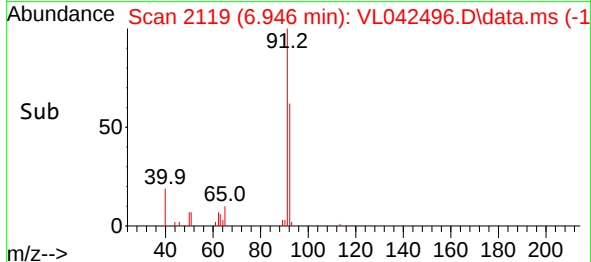
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



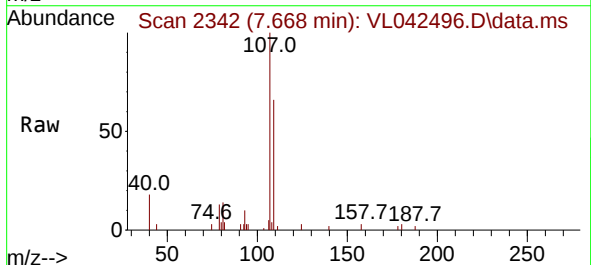
Tgt Ion: 91 Resp: 6594
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

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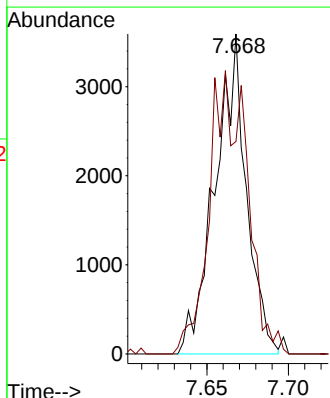
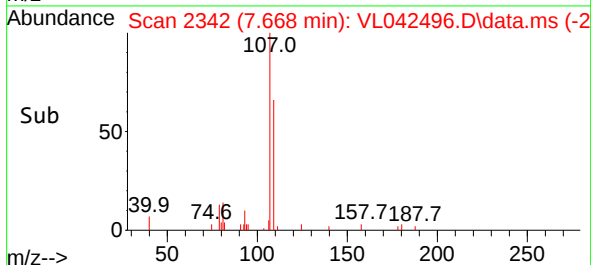
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

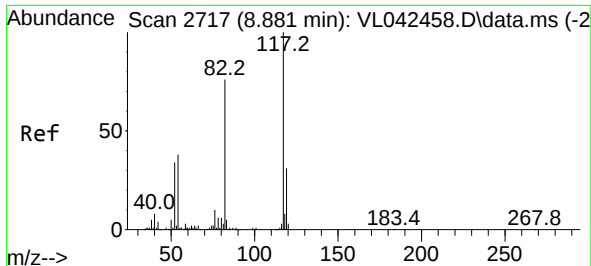


#54
1,2-Dibromoethane
Concen: 0.459 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. 0.019 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



Tgt Ion:107 Resp: 4797
Ion Ratio Lower Upper
107 100
109 64.3 76.0 114.0





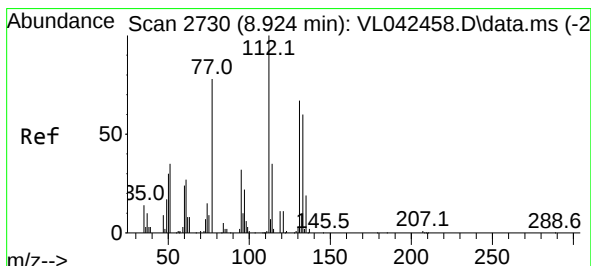
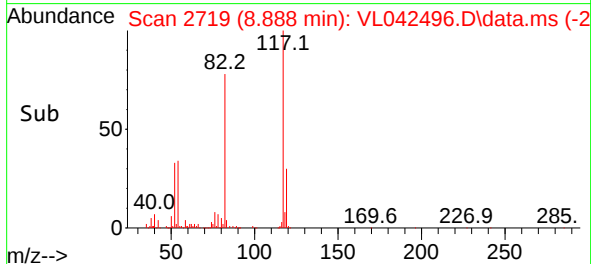
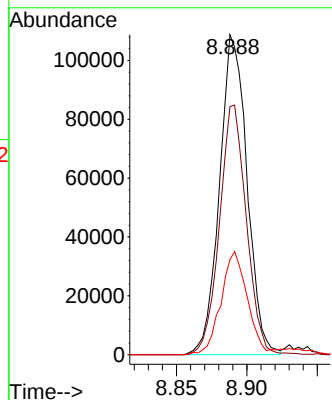
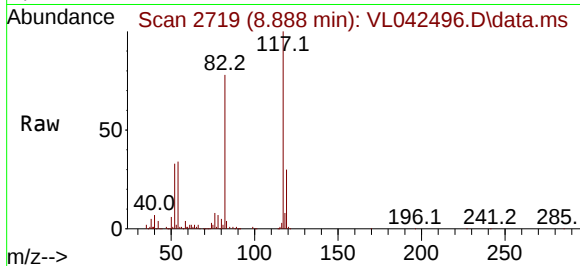
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2717
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion:117 Resp: 14789
Ion Ratio Lower Upper
117 100
82 76.4 63.5 95.3
119 33.2 25.8 38.8

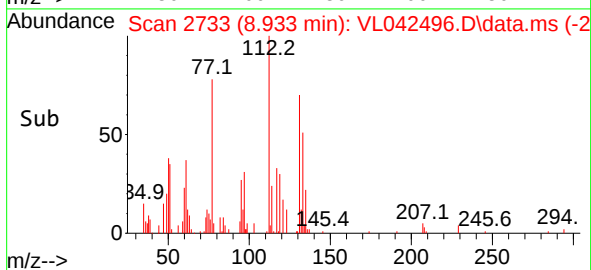
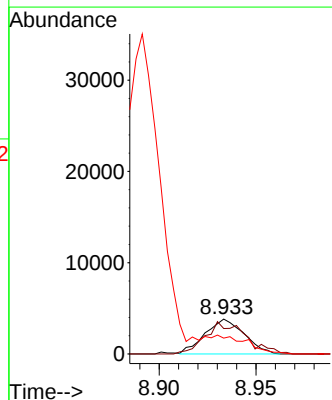
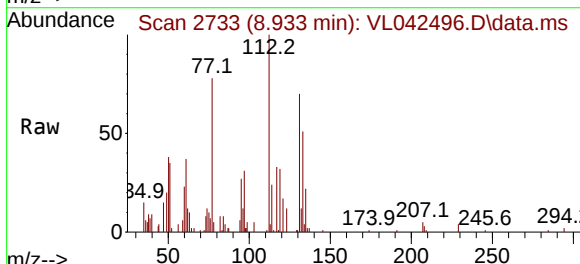
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Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.617 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:131 Resp: 5388
Ion Ratio Lower Upper
131 100
133 94.5 76.0 114.0
119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.536 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL042496.D

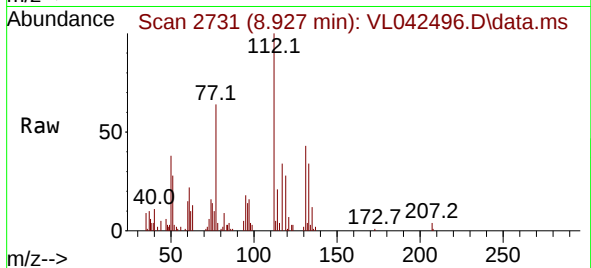
Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

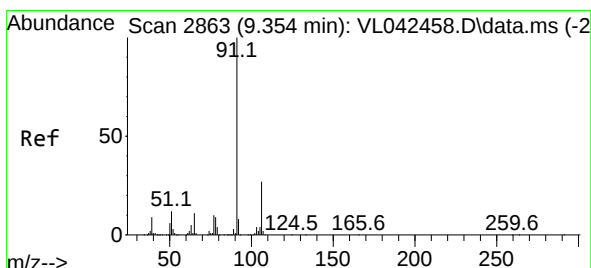
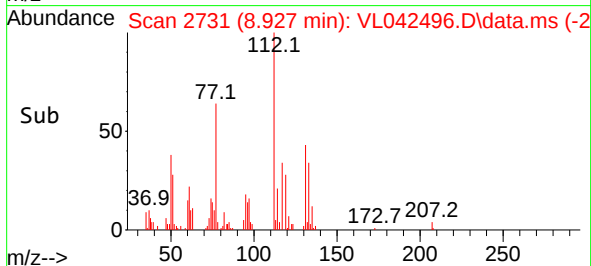
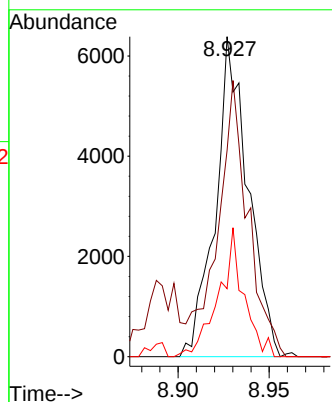


Tgt Ion:	112	Resp:	796
Ion Ratio	Lower	Upper	
112	100		
77	61.7	65.0	97.4
114	21.3	27.5	33.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58

Ethyl Benzene

Concen: 0.349 ppbv

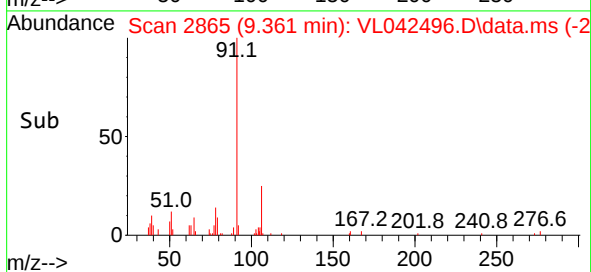
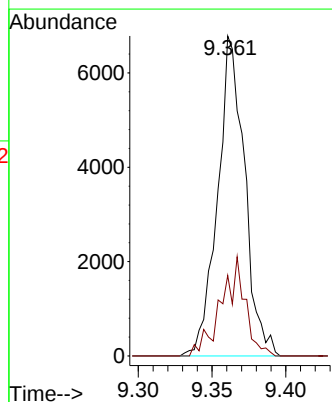
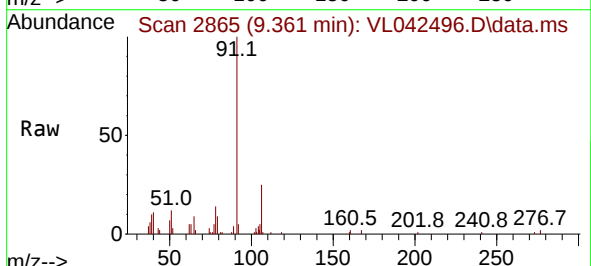
RT: 9.361 min Scan# 2865

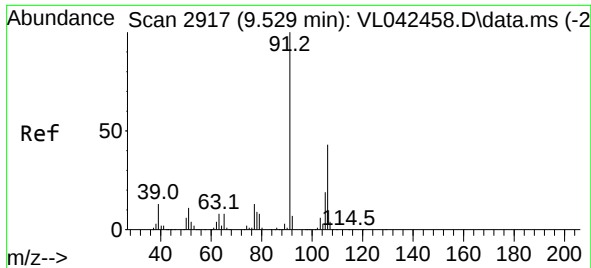
Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion:	91	Resp:	8636
Ion Ratio	Lower	Upper	
91	100		
106	25.2	21.9	32.9





#59

m/p-Xylene

Concen: 0.639 ppbv m

RT: 9.558 min Scan# 2917

Delta R.T. 0.029 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

Tgt Ion: 91 Resp: 1323

Ion Ratio Lower Upper

91 100

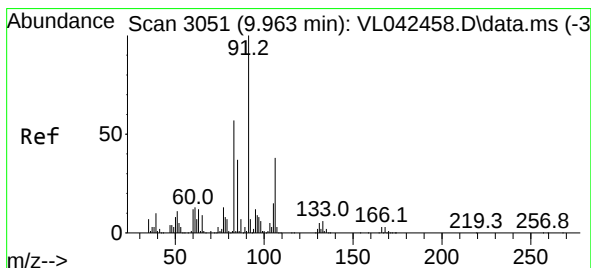
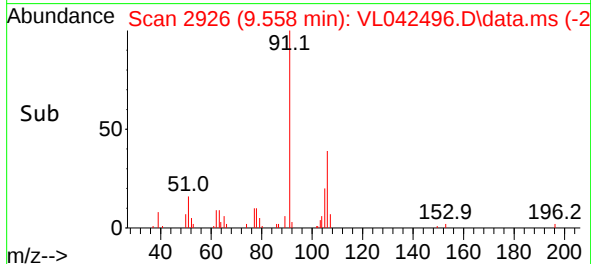
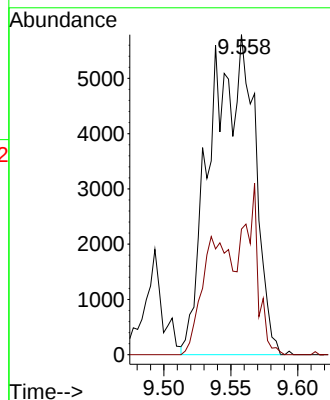
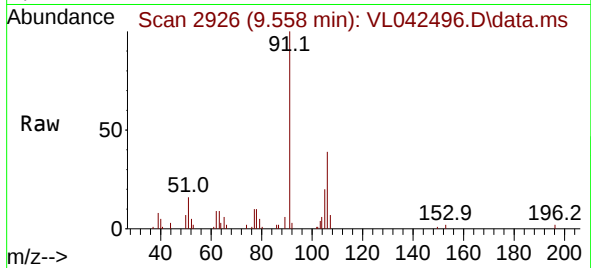
106 0.0 34.2 51.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#60

o-Xylene

Concen: 0.328 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042496.D

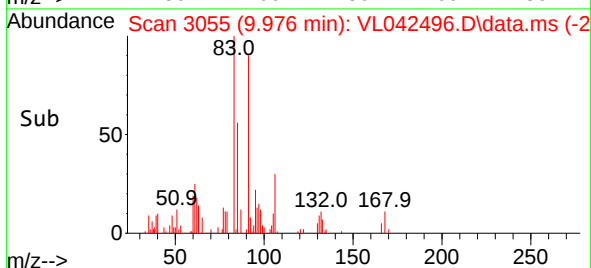
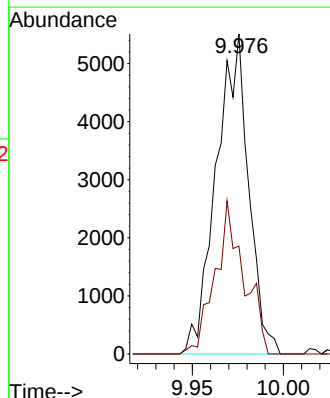
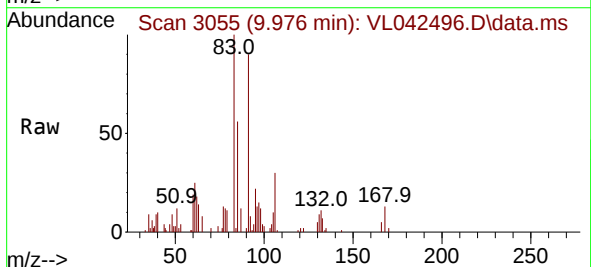
Acq: 06 May 2025 14:57

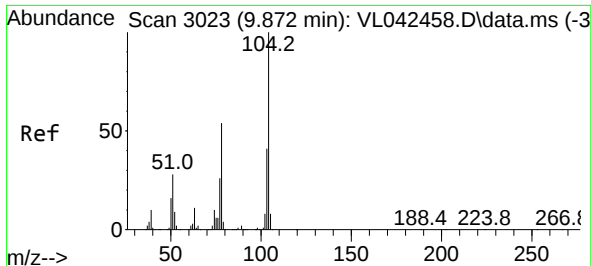
Tgt Ion: 91 Resp: 6798

Ion Ratio Lower Upper

91 100

106 42.7 20.1 60.2





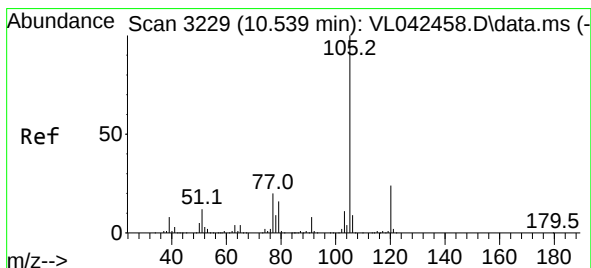
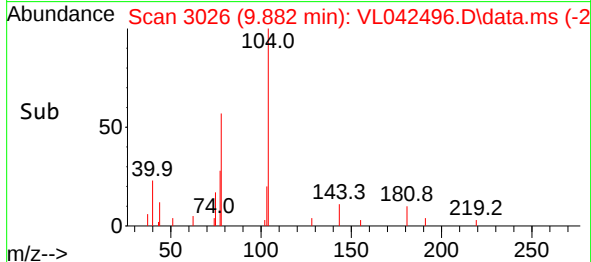
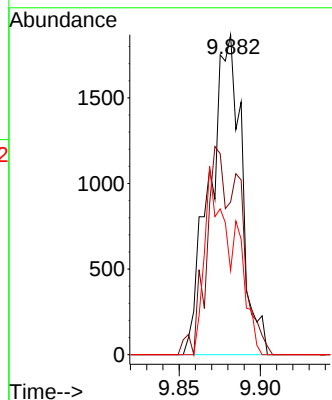
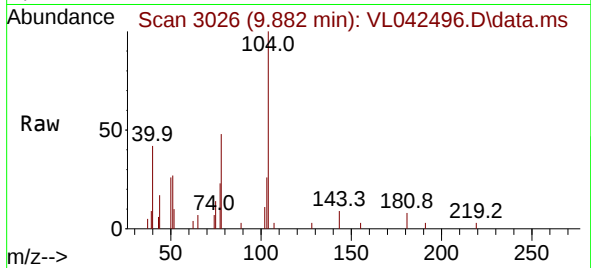
#61
Styrene
Concen: 0.330 ppbv m
RT: 9.882 min Scan# 3023
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion:104 Resp: 2552
Ion Ratio Lower Upper
104 100
78 0.0 46.9 70.3
103 0.0 36.6 55.0

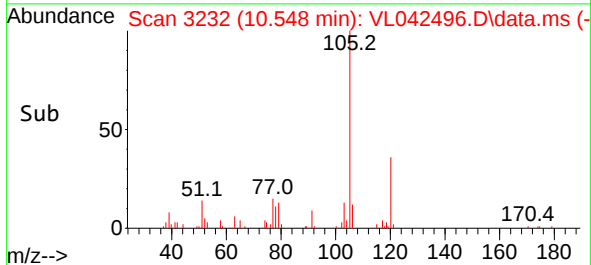
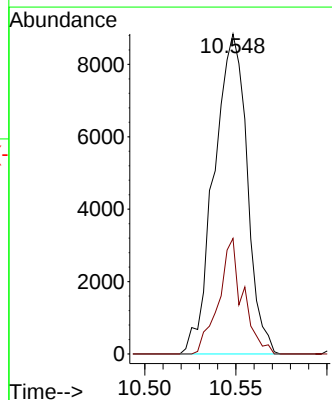
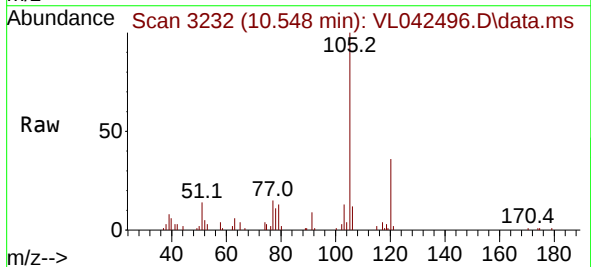
Manual Integrations
APPROVED

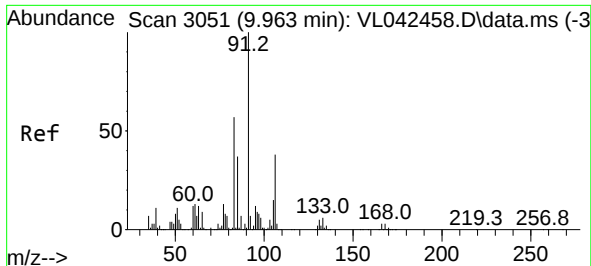
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
Isopropylbenzene
Concen: 0.371 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

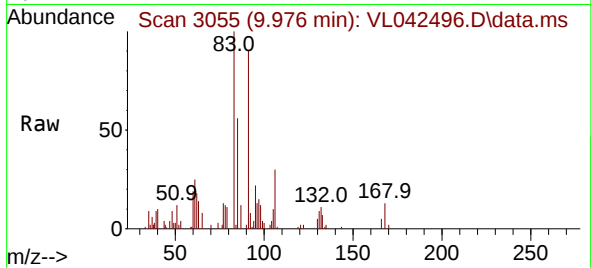
Tgt Ion:105 Resp: 11113
Ion Ratio Lower Upper
105 100
120 26.6 18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.543 ppbv
RT: 9.976 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

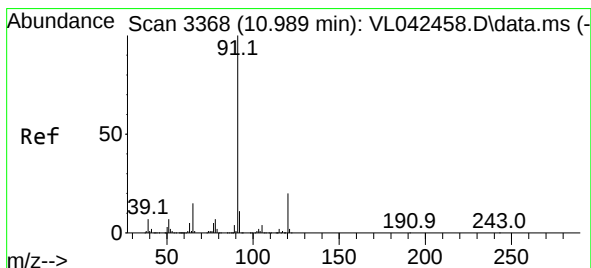
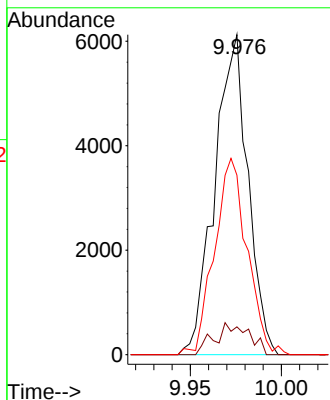
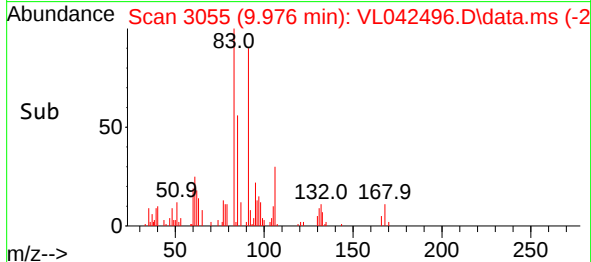
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



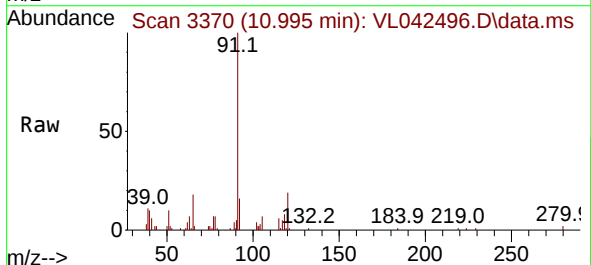
Tgt Ion: 83 Resp: 777
Ion Ratio Lower Upper
83 100
131 10.2 4.7 14.1
85 60.3 32.5 97.4

Manual Integrations
APPROVED

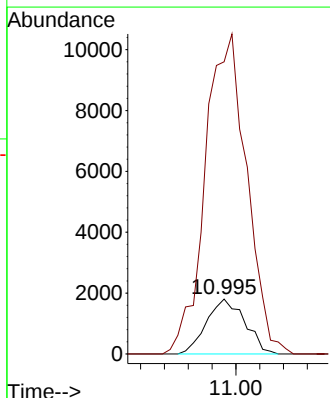
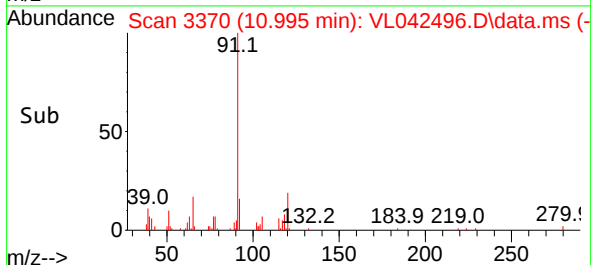
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

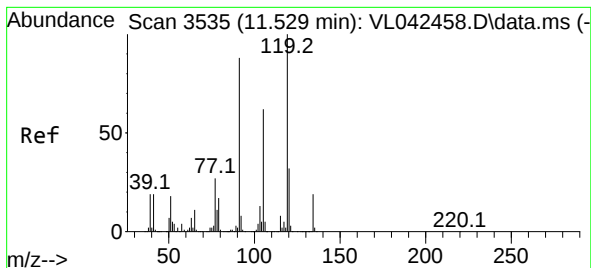


#64
n-propylbenzene
Concen: 0.277 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



Tgt Ion:120 Resp: 2024
Ion Ratio Lower Upper
120 100
91 629.4 408.6 612.8#





#65

tert-Butylbenzene

Concen: 0.305 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

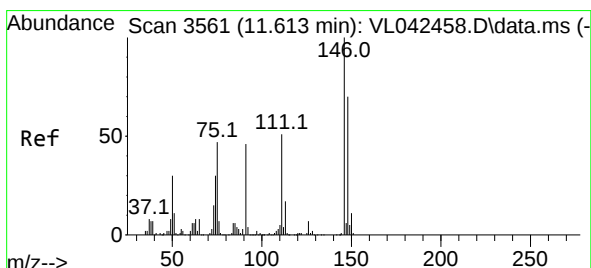
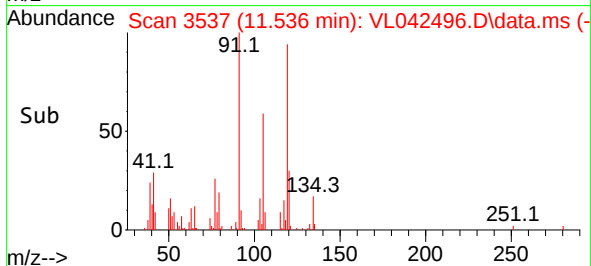
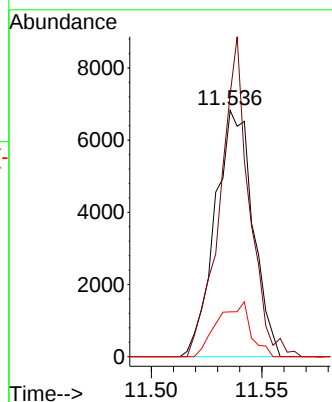
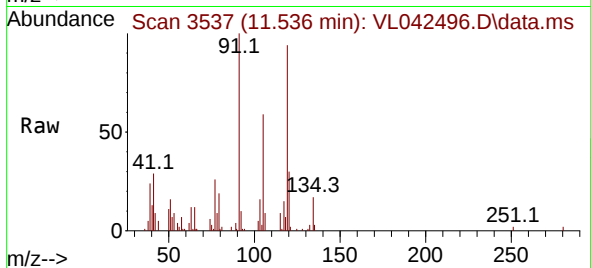
MDL2 0.45

Tgt Ion:	119	Resp:	813
Ion	Ratio	Lower	Upper
119	100		
91	99.9	71.6	107.4
134	19.3	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#66

Benzyl Chloride

Concen: 0.452 ppbv

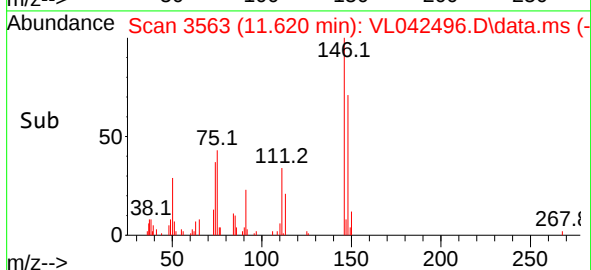
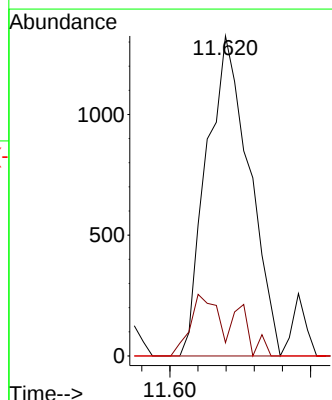
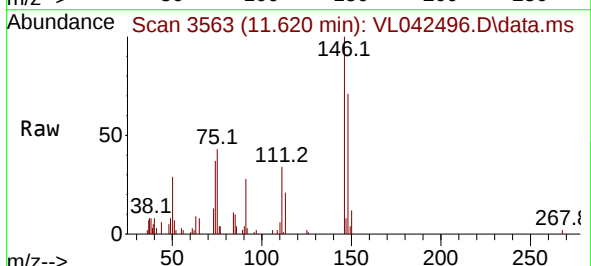
RT: 11.620 min Scan# 3563

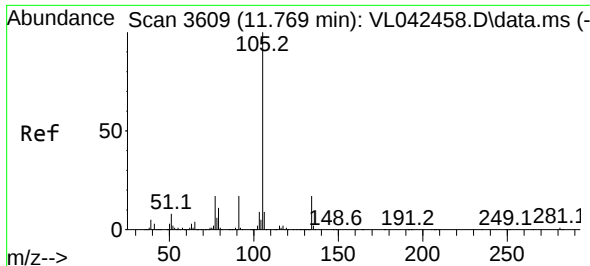
Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

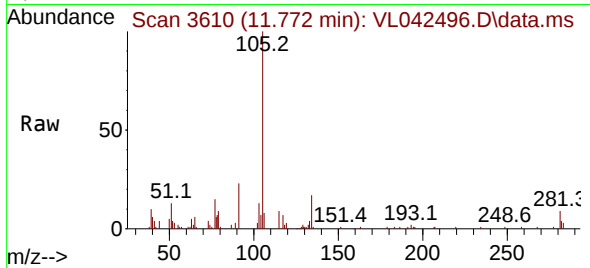
Tgt Ion:	91	Resp:	1394
Ion	Ratio	Lower	Upper
91	100		
126	19.2	13.3	19.9
128	0.0	4.2	6.4





#67
 sec-Butylbenzene
 Concen: 0.334 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

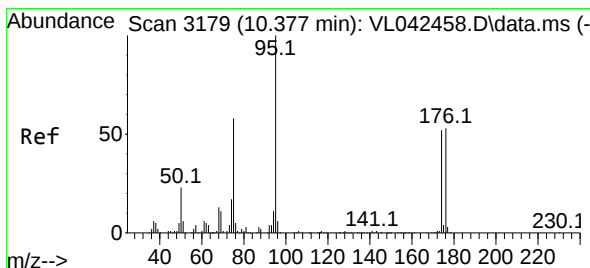
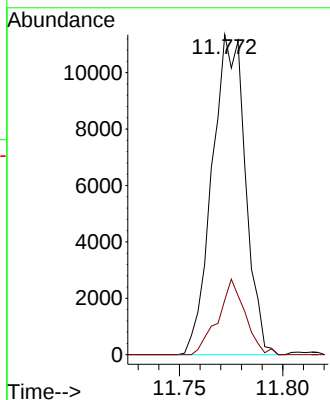
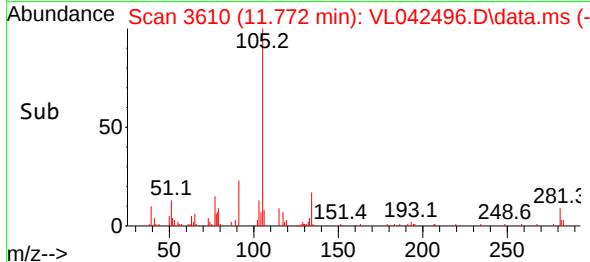
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45



Tgt Ion:105 Resp: 1268
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.1 21.1

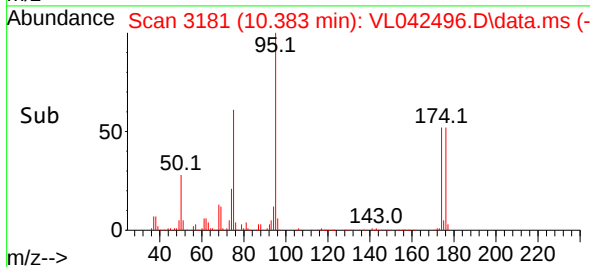
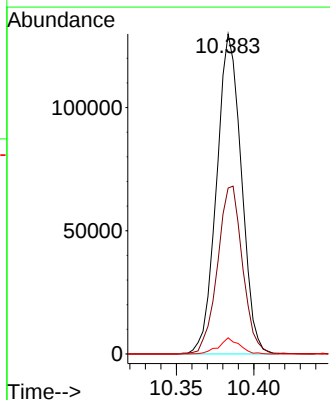
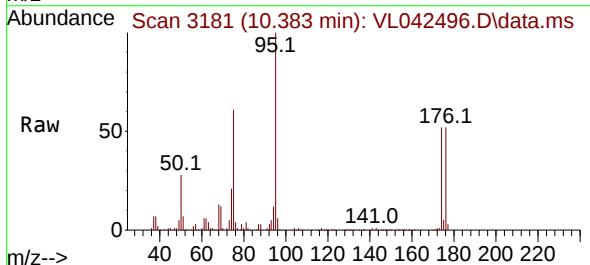
Manual Integrations
 APPROVED

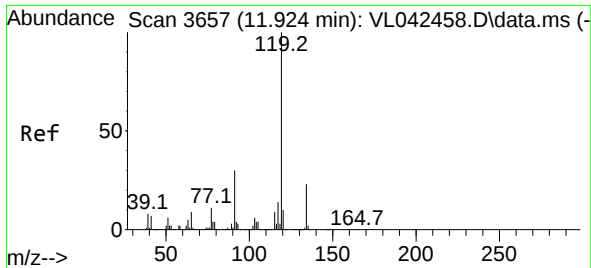
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.521 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

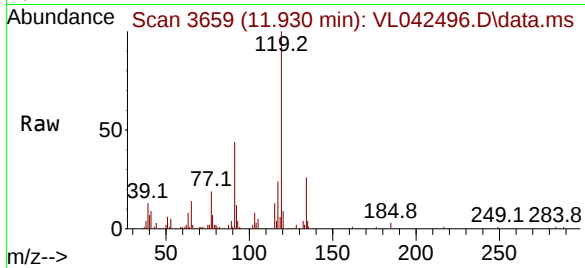
Tgt Ion: 95 Resp: 144260
 Ion Ratio Lower Upper
 95 100
 174 53.2 42.7 64.1
 175 4.2 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.318 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

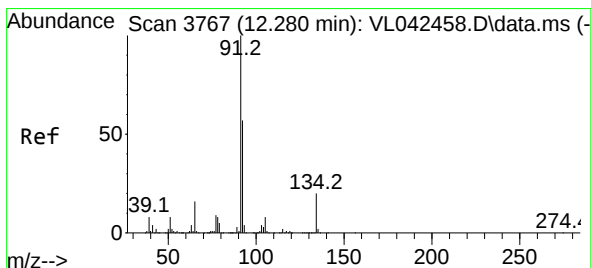
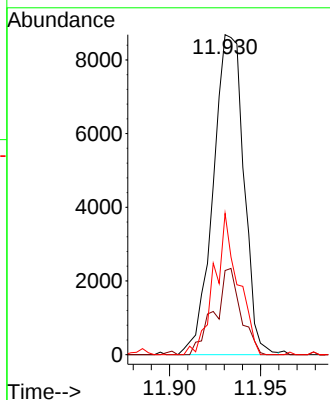
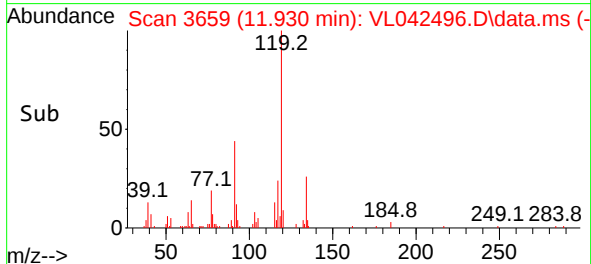
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



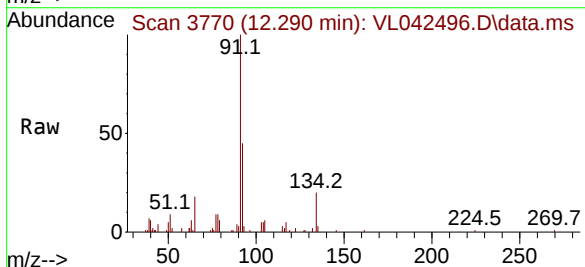
Tgt Ion: 119 Resp: 1016
Ion Ratio Lower Upper
119 100
134 23.5 19.0 28.4
91 34.5 25.5 38.3

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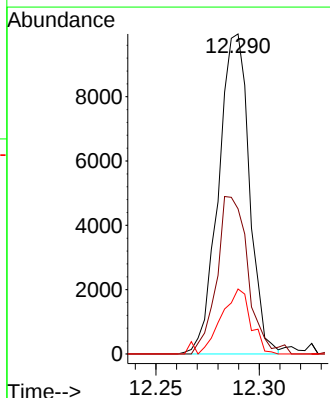
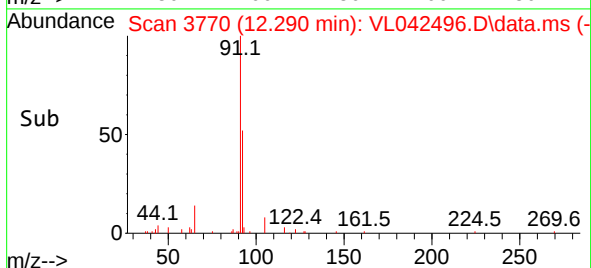
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

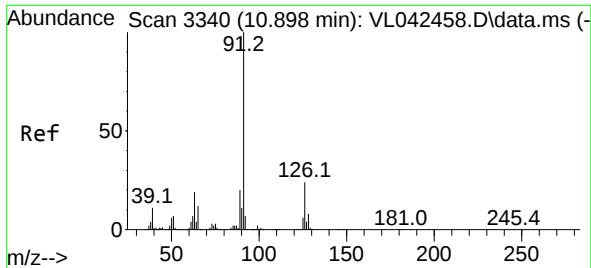


#70
n-Butylbenzene
Concen: 0.312 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



Tgt Ion: 91 Resp: 10320
Ion Ratio Lower Upper
91 100
92 50.0 44.0 66.0
134 19.9 16.8 25.2





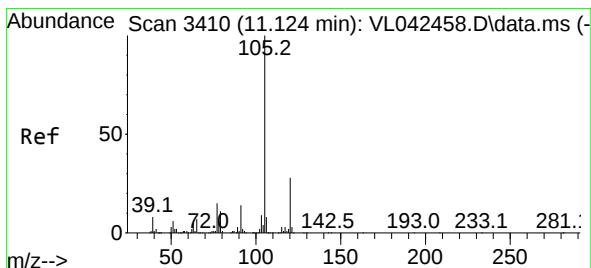
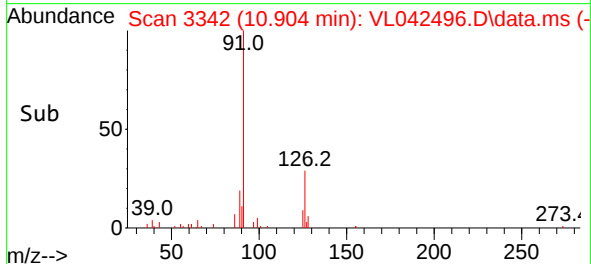
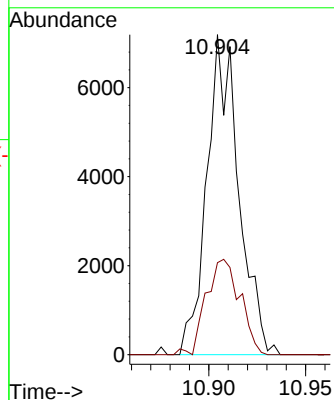
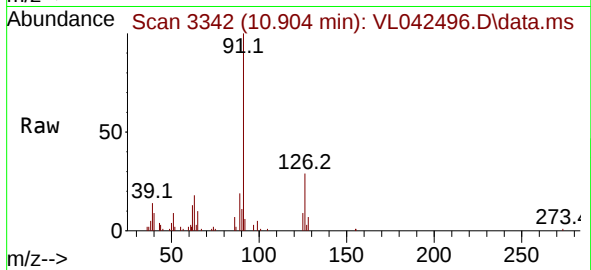
#71
2-Chlorotoluene
Concen: 0.350 ppbv
RT: 10.904 min Scan# 3342
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion: 91 Resp: 8218
Ion Ratio Lower Upper
91 100
126 31.8 10.6 42.2

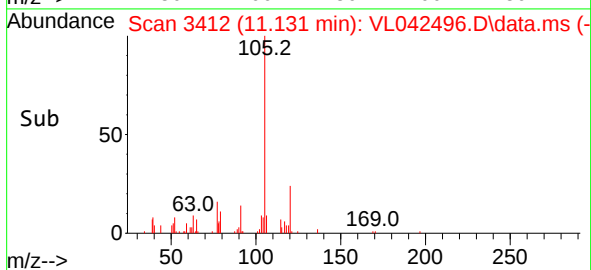
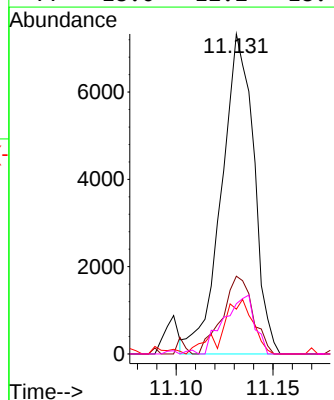
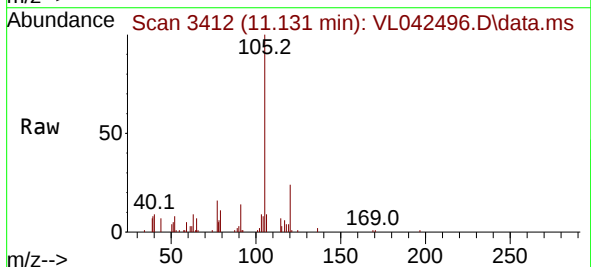
Manual Integrations
APPROVED

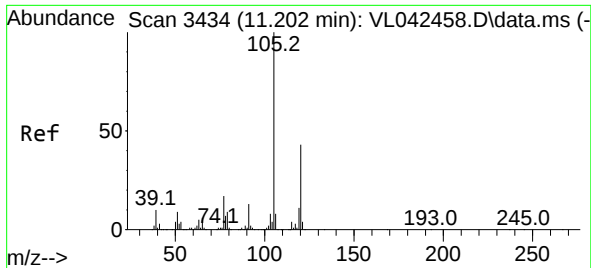
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.348 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:105 Resp: 8500
Ion Ratio Lower Upper
105 100
120 24.4 22.0 33.0
91 18.0 11.2 16.8#
77 18.0 12.2 18.4





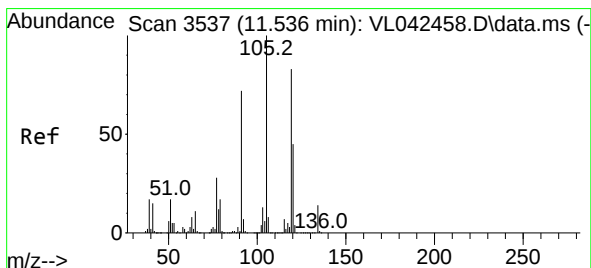
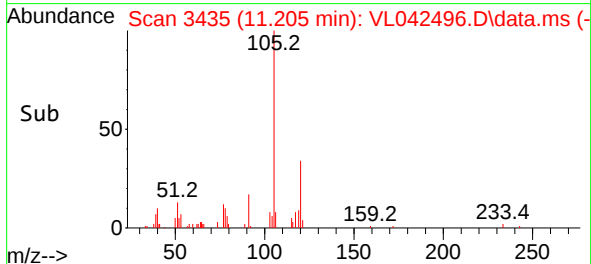
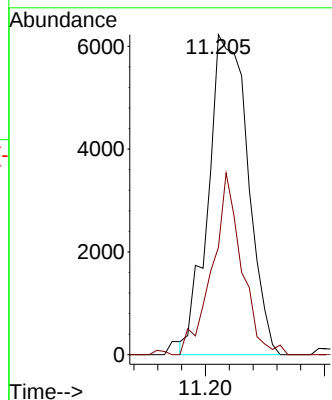
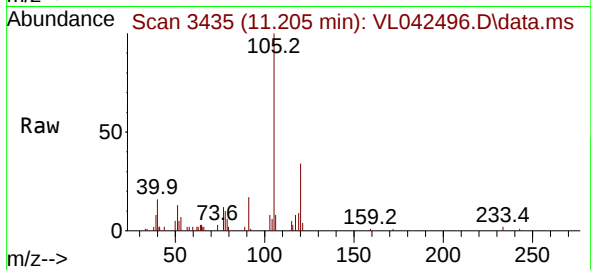
#73
1,3,5-Trimethylbenzene
Concen: 0.334 ppbv
RT: 11.205 min Scan# 3434
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion:105 Resp: 718
Ion Ratio Lower Upper
105 100
120 33.5 34.4 51.6

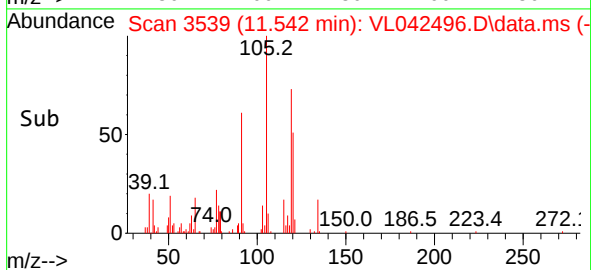
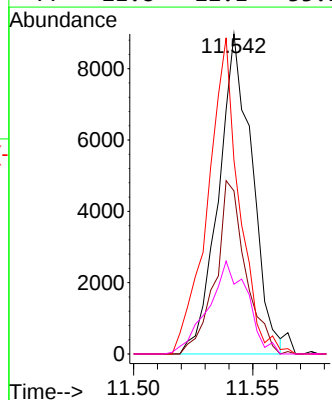
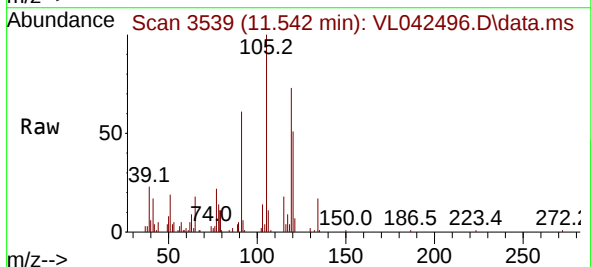
Manual Integrations
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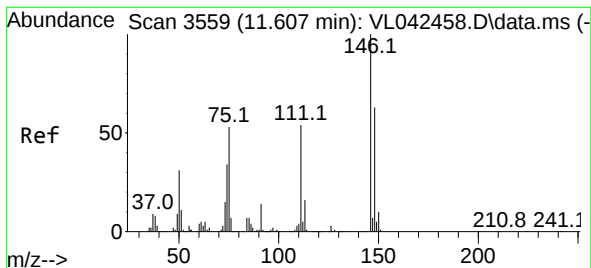
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.337 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:105 Resp: 8769
Ion Ratio Lower Upper
105 100
120 50.9 36.1 54.1
91 59.2 57.6 86.4
77 21.8 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.485 ppbv

RT: 11.613 min Scan# 3559

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

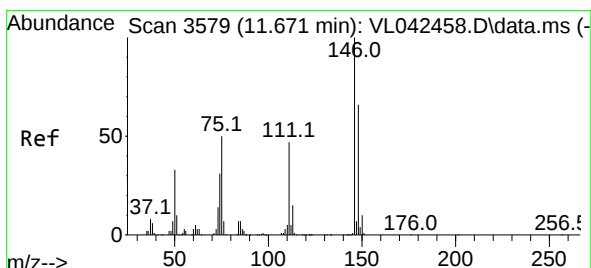
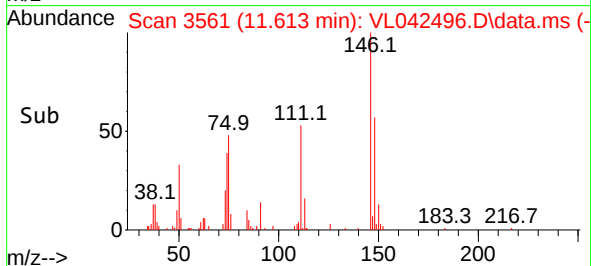
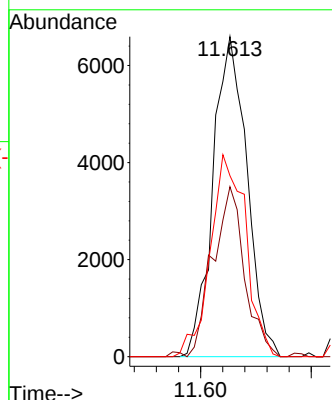
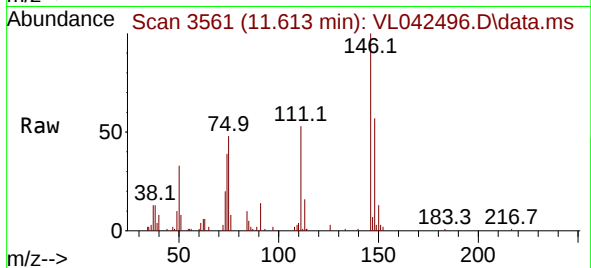
MDL2 0.45

Tgt Ion:146	Resp:	702
Ion Ratio	Lower	Upper
146	100	
111	50.6	26.1 78.3
148	65.6	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#76

1,4-Dichlorobenzene

Concen: 0.459 ppbv

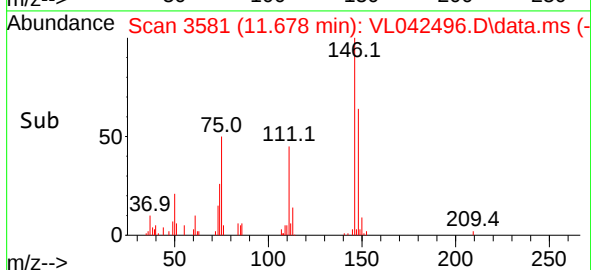
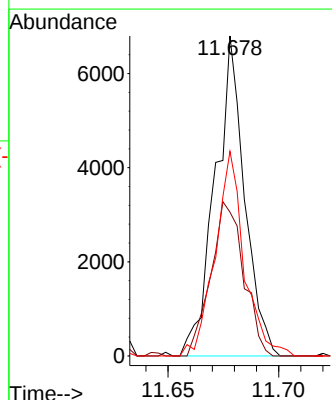
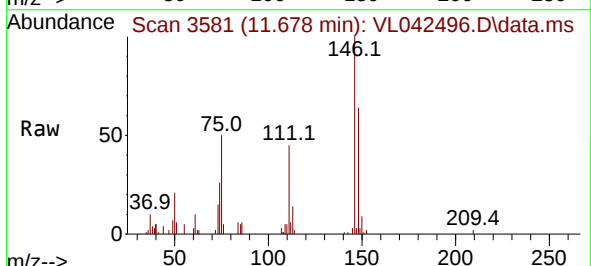
RT: 11.678 min Scan# 3581

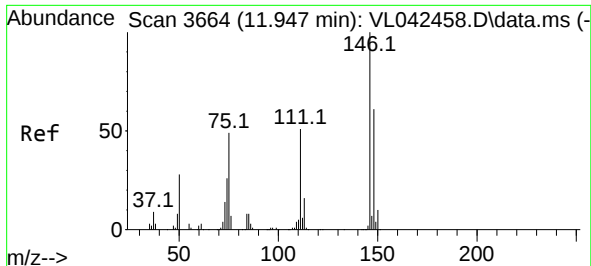
Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

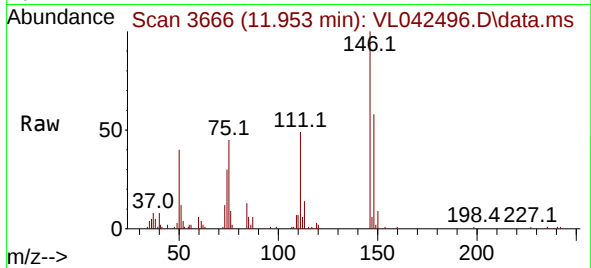
Tgt Ion:146	Resp:	6291
Ion Ratio	Lower	Upper
146	100	
111	53.9	24.4 73.2
148	63.2	32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 0.533 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

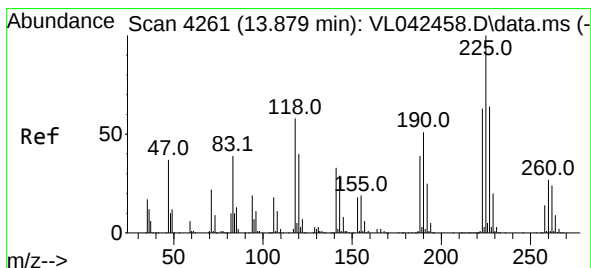
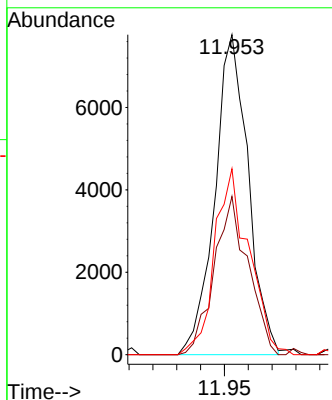
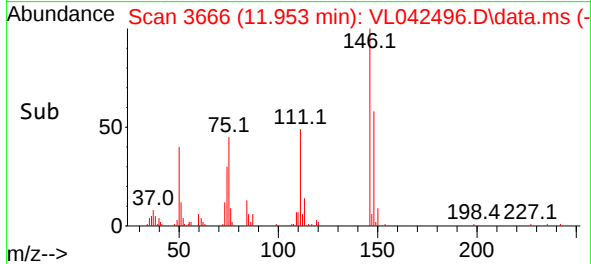
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



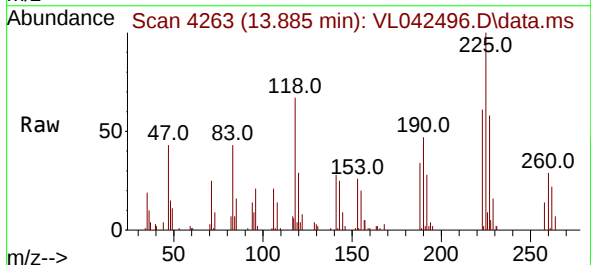
Tgt Ion:146 Resp: 7558
Ion Ratio Lower Upper
146 100
111 50.8 26.5 79.5
148 59.6 31.5 94.5

Manual Integrations
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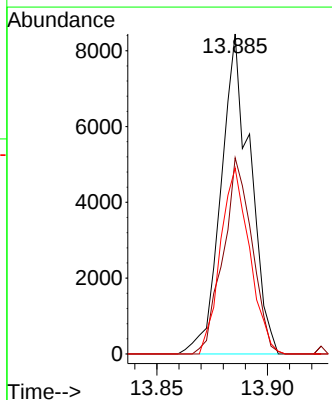
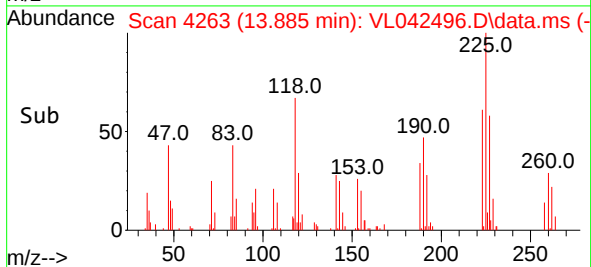
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

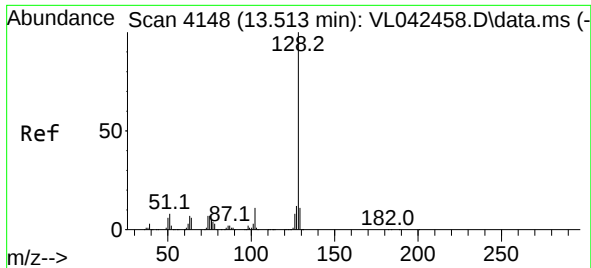


#78
Hexachloro-1,3-Butadiene
Concen: 0.547 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



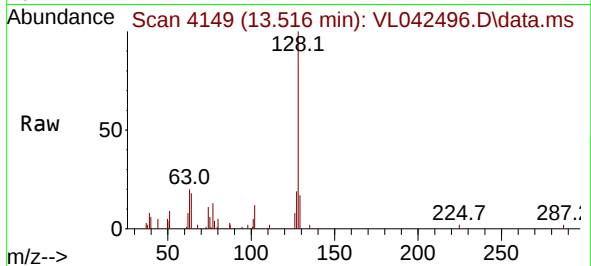
Tgt Ion:225 Resp: 7741
Ion Ratio Lower Upper
225 100
223 60.4 50.2 75.4
227 58.2 51.2 76.8





#79
Naphthalene
Concen: 0.238 ppbv
RT: 13.516 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

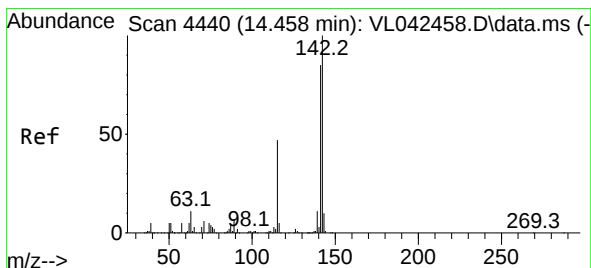
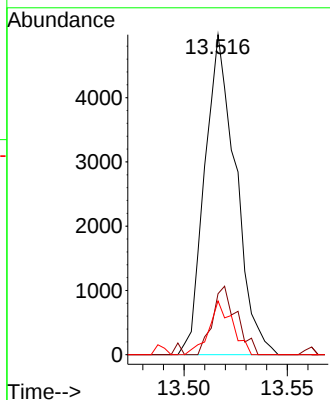
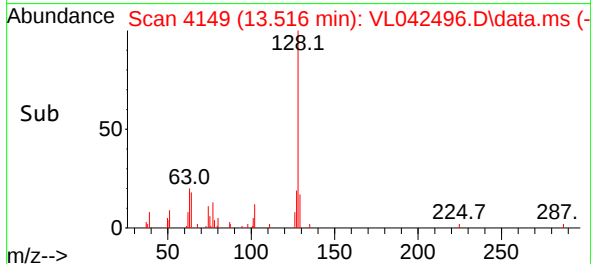
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



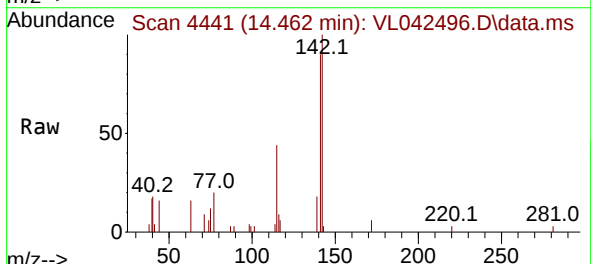
Tgt Ion:128 Resp: 5200
Ion Ratio Lower Upper
128 100
127 19.1 9.7 14.5
129 16.8 8.6 13.0

Manual Integrations
APPROVED

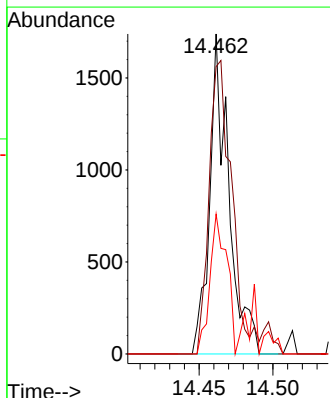
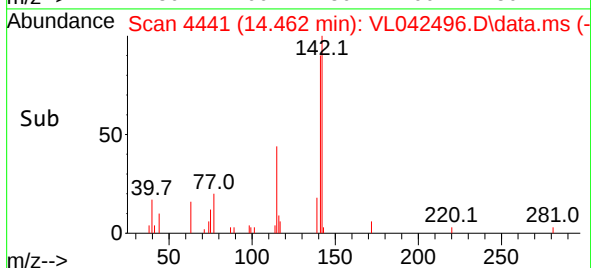
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

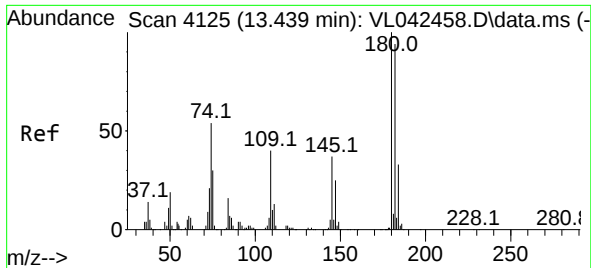


#80
Naphthalene,2-methyl-
Concen: 0.096 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57



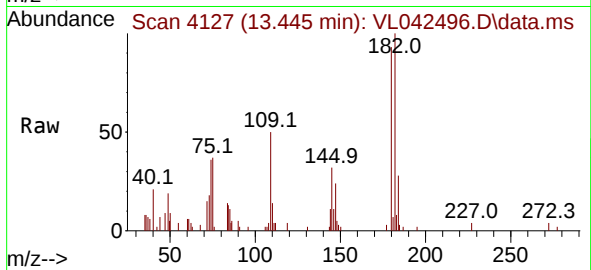
Tgt Ion:142 Resp: 1562
Ion Ratio Lower Upper
142 100
141 113.8 67.4 101.0#
115 44.0 36.9 55.3





#81
1,2,4-Trichlorobenzene
Concen: 0.281 ppbv
RT: 13.445 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45



Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.9	74.6	111.8
184	30.9	24.9	37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

