

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042519.D
 Acq On : 07 May 2025 15:37
 Operator : SY/MD
 Sample : MDL2 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40

Manual Integrations
 APPROVED

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

Quant Time: May 08 01:38:31 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	73774	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	187670	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	161181	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 144968 9.701 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	5585	0.457	ppbv	92
3) Chlorodifluoromethane	1.476	51	6338	0.491	ppbv	99
4) Chloromethane	1.534	50	2612	0.512	ppbv	95
5) Vinyl Chloride	1.580	62	2017	0.393	ppbv #	82
6) Bromomethane	1.667	94	1226	0.505	ppbv #	47
7) Chloroethane	1.703	64	822	0.433	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	4695	0.466	ppbv	95
9) Propene	1.486	41	1805	0.428	ppbv	100
10) Heptane	4.985	43	2805m	0.256	ppbv	
11) Trichlorofluoromethane	1.881	101	5563	0.494	ppbv	87
12) 1,1,2-Trichlorotrifluo...	2.143	101	4327	0.481	ppbv	97
13) Ethanol	1.722	45	721	0.842	ppbv	73
14) Bromoethene	1.784	108	1689	0.509	ppbv #	87
15) Acetone	1.839	43	8205	0.609	ppbv #	87
16) 1,3-Butadiene	1.609	39	3215	0.541	ppbv	98
17) tert-Butyl alcohol	2.046	59	5219	0.440	ppbv #	86
18) 1,1-Dichloroethene	2.039	96	1978m	0.471	ppbv	
19) Isopropyl Alcohol	1.890	45	3267	0.438	ppbv #	94
20) Methylene Chloride	2.062	84	2592	0.640	ppbv #	84
21) Allyl Chloride	2.101	41	3923	0.453	ppbv #	75
22) trans-1,2-Dichloroethene	2.343	96	2126	0.433	ppbv	97
23) Vinyl Acetate	2.470	43	5520	0.429	ppbv #	76
24) 1,1-Dichloroethane	2.411	63	4741	0.474	ppbv	98
25) Ethyl Acetate	2.845	43	4908	0.228	ppbv #	77
26) Hexane	2.826	57	2775m	0.295	ppbv	
27) Carbon Disulfide	2.152	76	4689	0.428	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2085	0.369	ppbv #	66
29) Chloroform	2.855	83	8773	0.498	ppbv	91
30) Cyclohexane	3.868	84	2173m	0.277	ppbv	
31) cis-1,2-Dichloroethene	2.725	61	3497	0.319	ppbv #	74
32) 1,1,1-Trichloroethane	3.373	97	7886	0.413	ppbv	97
34) 2-Butanone	2.567	43	6121	0.451	ppbv	99
35) Carbon Tetrachloride	3.771	117	8199	0.481	ppbv #	82
36) Benzene	3.667	78	6600m	0.373	ppbv	
37) 1,2-Dichloroethane	3.224	62	5858	0.429	ppbv #	96
38) Trichloroethene	4.554	130	2996m	0.444	ppbv	
39) 1,2-Dichloropropane	4.324	63	3249m	0.490	ppbv	
40) 1,4-Dioxane	4.612	88	1091m	0.351	ppbv	
41) Tetrahydrofuran	3.072	42	1896	0.294	ppbv #	91
42) Bromodichloromethane	4.496	83	7915m	0.475	ppbv	
43) Methyl Methacrylate	4.897	69	1964m	0.297	ppbv	
44) 2,2,4-Trimethylpentane	4.651	57	9077m	0.316	ppbv	
45) t-1,3-Dichloropropene	6.425	75	2626m	0.303	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042519.D
 Acq On : 07 May 2025 15:37
 Operator : SY/MD
 Sample : MDL2 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40

Manual Integrations
 APPROVED

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

Quant Time: May 08 01:38:31 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)
46) cis-1,3-Dichloropropene	5.609	75	3142m	0.305	ppbv	
47) 1,1,2-Trichloroethane	6.596	97	3704m	0.509	ppbv	
48) Dibromochloromethane	7.396	129	5552m	0.452	ppbv	
49) Bromoform	9.487	173	4124m	0.401	ppbv	
50) 4-Methyl-2-Pentanone	5.787	43	4823m	0.281	ppbv	
51) 2-Hexanone	7.457	43	4075m	0.297	ppbv	
52) Tetrachloroethene	8.237	164	2238m	0.332	ppbv	
53) Toluene	6.939	91	5149m	0.275	ppbv	
54) 1,2-Dibromoethane	7.664	107	4219m	0.380	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.933	131	5109	0.537	ppbv	88
57) Chlorobenzene	8.930	112	7679	0.474	ppbv #	85
58) Ethyl Benzene	9.364	91	6676m	0.248	ppbv	
59) m/p-Xylene	9.564	91	11326m	0.502	ppbv	
60) o-Xylene	9.975	91	5583	0.247	ppbv	95
61) Styrene	9.875	104	1876	0.222	ppbv #	85
62) Isopropylbenzene	10.545	105	9659	0.296	ppbv	95
63) 1,1,2,2-Tetrachloroethane	9.972	83	7570	0.486	ppbv	93
64) n-propylbenzene	11.001	120	1695m	0.213	ppbv	
65) tert-Butylbenzene	11.536	119	7472	0.257	ppbv	96
66) Benzyl Chloride	11.629	91	1447m	0.430	ppbv	
67) sec-Butylbenzene	11.772	105	11135	0.269	ppbv	100
69) p-Isopropyltoluene	11.934	119	7813	0.224	ppbv	91
70) n-Butylbenzene	12.290	91	8399	0.233	ppbv	96
71) 2-Chlorotoluene	10.911	91	6717	0.263	ppbv	100
72) 4-Ethyltoluene	11.134	105	6202	0.233	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.212	105	5445	0.232	ppbv #	78
74) 1,2,4-Trimethylbenzene	11.542	105	7142	0.252	ppbv #	90
75) 1,3-Dichlorobenzene	11.613	146	6216	0.394	ppbv	96
76) 1,4-Dichlorobenzene	11.678	146	5235	0.350	ppbv	97
77) 1,2-Dichlorobenzene	11.950	146	6050	0.391	ppbv	95
78) Hexachloro-1,3-Butadiene	13.885	225	7614	0.493	ppbv	92
79) Naphthalene	13.523	128	4420	0.185	ppbv	97
80) Naphthalene,2-methyl-	14.474	142	588	0.033	ppbv #	69
81) 1,2,4-Trichlorobenzene	13.452	180	2335	0.183	ppbv #	78

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

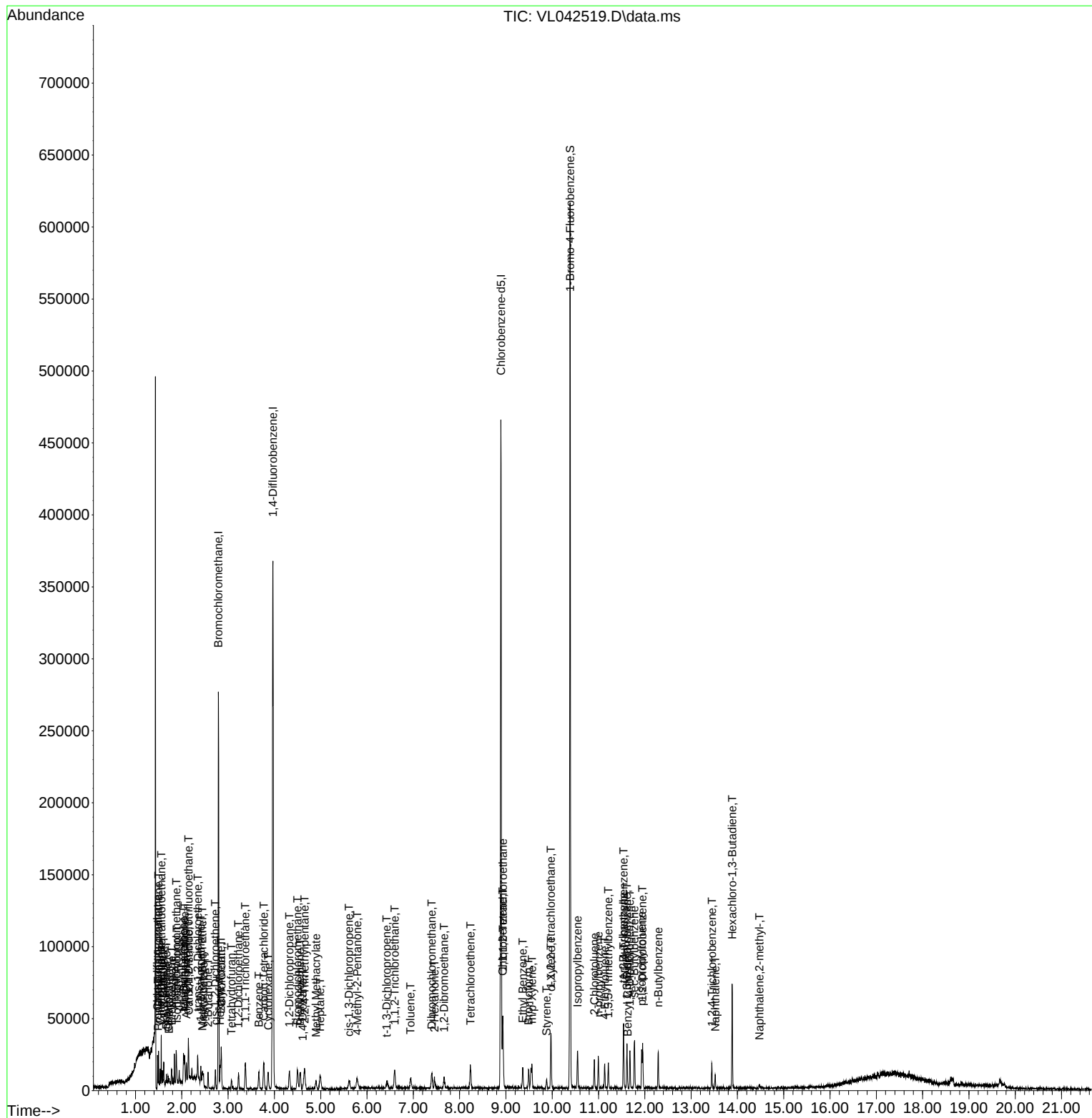
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
Data File : VL042519.D
Acq On : 07 May 2025 15:37
Operator : SY/MD
Sample : MDL2 0.40
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

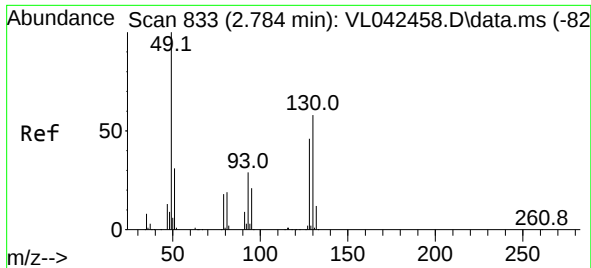
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40

Manual Integrations
APPROVED

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

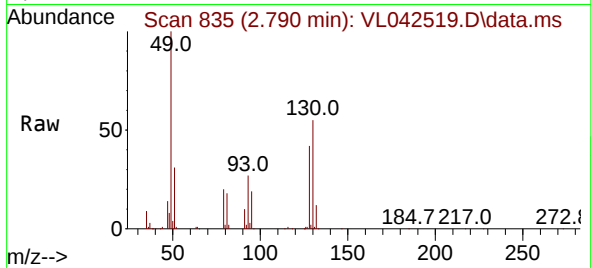
Quant Time: May 08 01:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

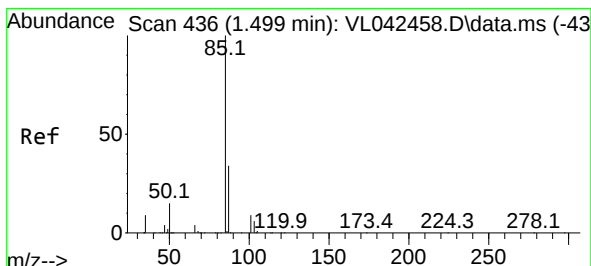
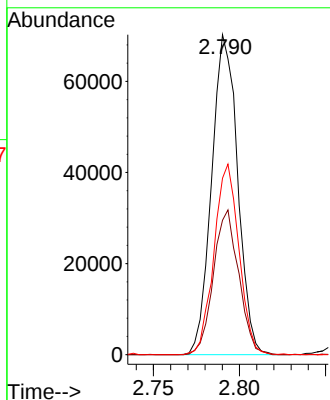
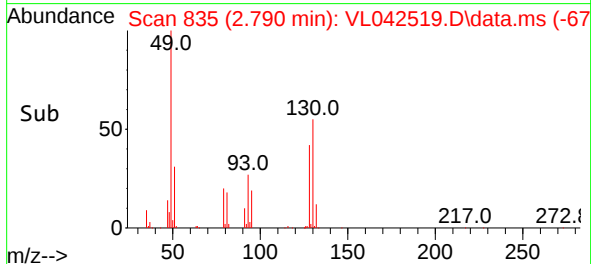
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



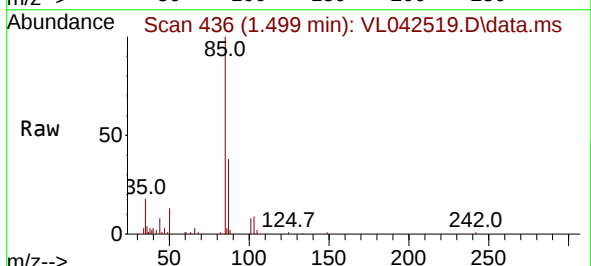
Tgt Ion: 49 Resp: 73774
Ion Ratio Lower Upper
49 100
128 44.1 23.3 69.9
130 57.4 29.5 88.6

Manual Integrations
APPROVED

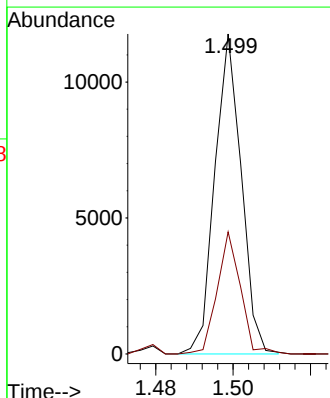
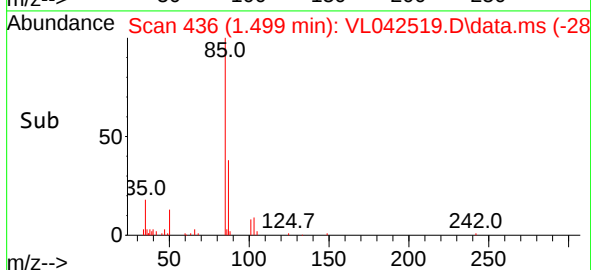
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

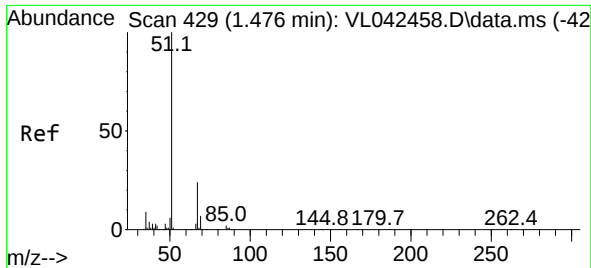


#2
Dichlorodifluoromethane
Concen: 0.457 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



Tgt Ion: 85 Resp: 5585
Ion Ratio Lower Upper
85 100
87 38.2 26.9 40.3





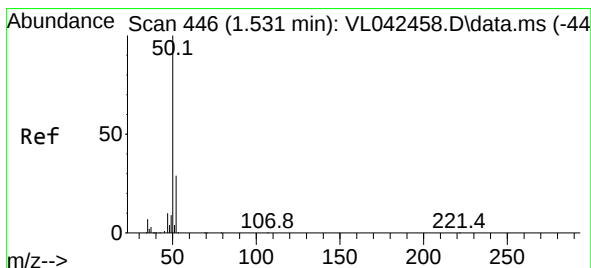
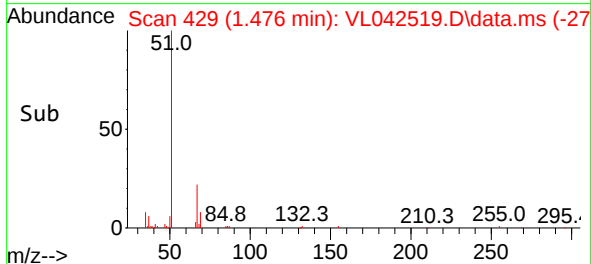
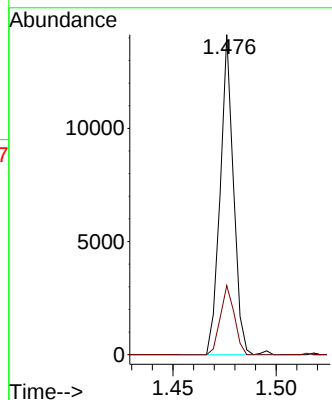
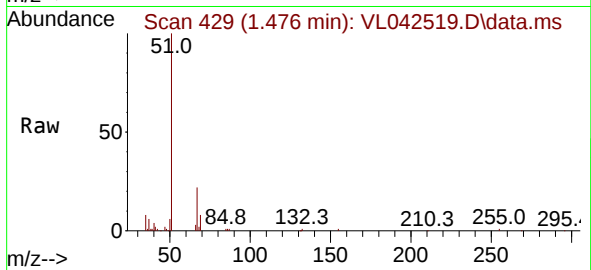
#3
Chlorodifluoromethane
Concen: 0.491 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40

Tgt Ion: 51 Resp: 6338
Ion Ratio Lower Upper
51 100
67 22.6 18.4 27.6

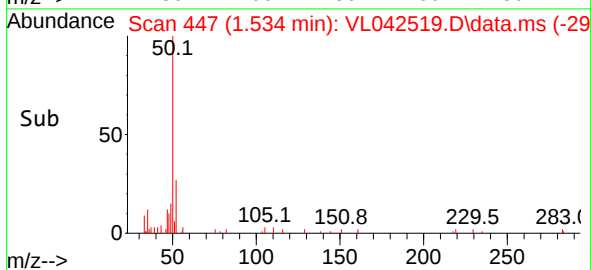
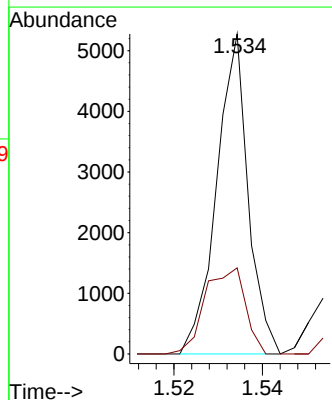
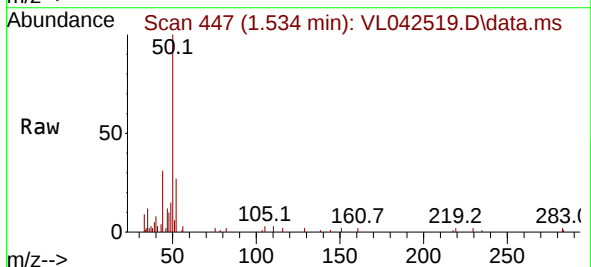
Manual Integrations
APPROVED

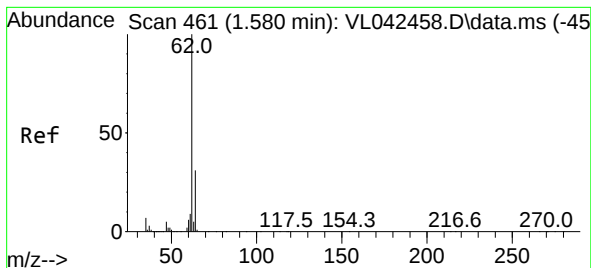
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.512 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

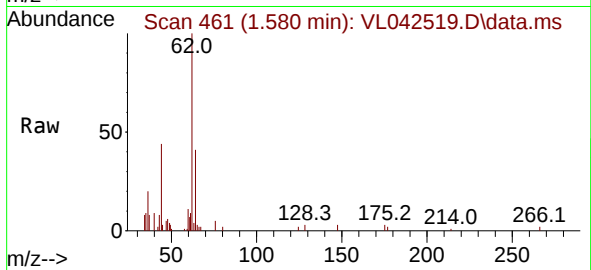
Tgt Ion: 50 Resp: 2612
Ion Ratio Lower Upper
50 100
52 26.9 23.5 35.3





#5
 Vinyl Chloride
 Concen: 0.393 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

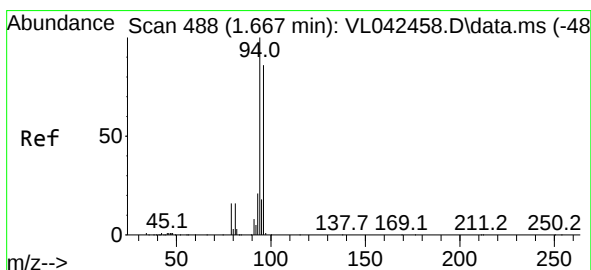
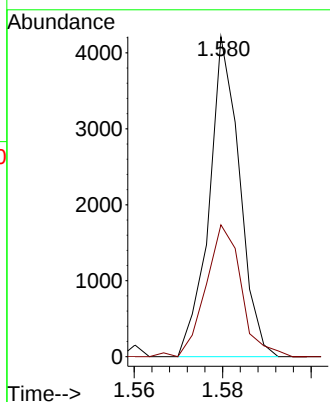
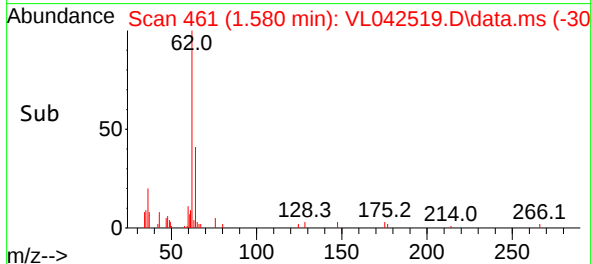
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40



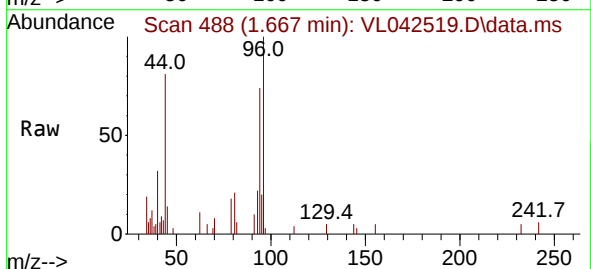
Tgt Ion: 62 Resp: 201
 Ion Ratio Lower Upper
 62 100
 64 41.2 24.9 37.3

Manual Integrations
 APPROVED

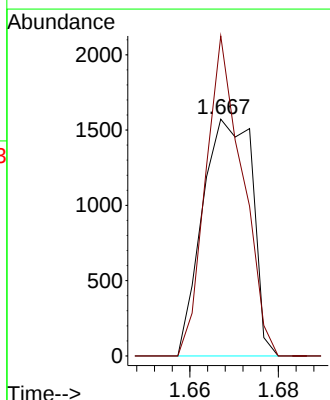
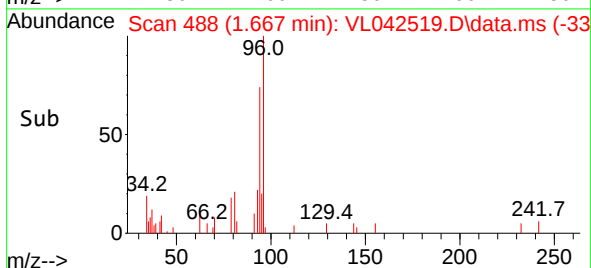
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.505 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37



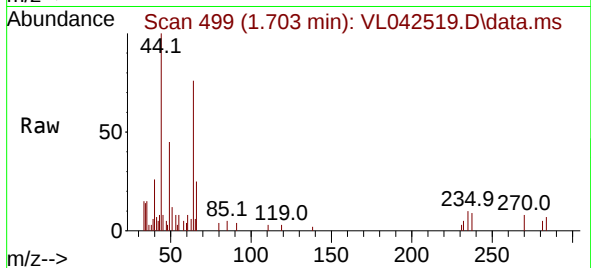
Tgt Ion: 94 Resp: 1226
 Ion Ratio Lower Upper
 94 100
 96 135.1 68.8 103.2





#7
Chloroethane
Concen: 0.433 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

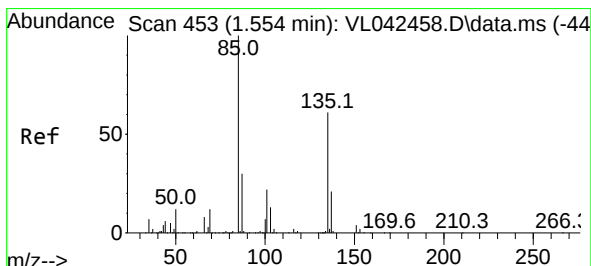
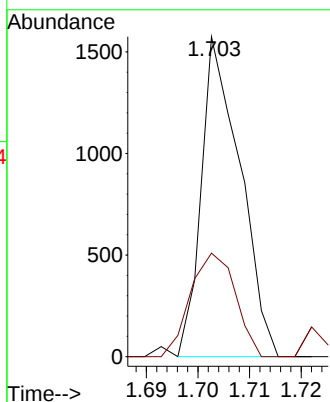
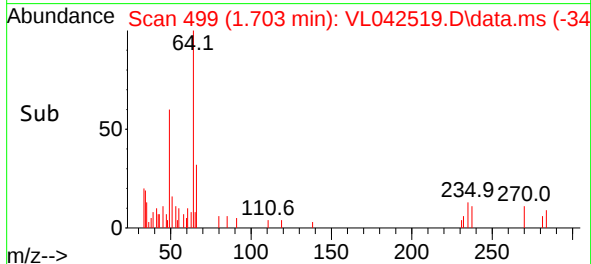
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



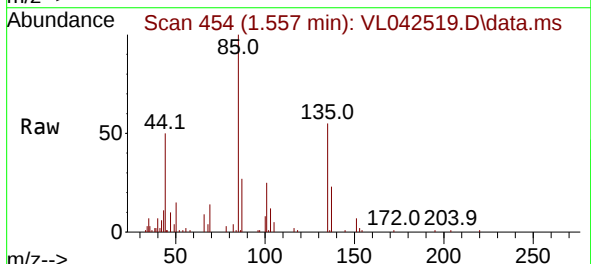
Tgt Ion: 64 Resp: 822
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4

Manual Integrations
APPROVED

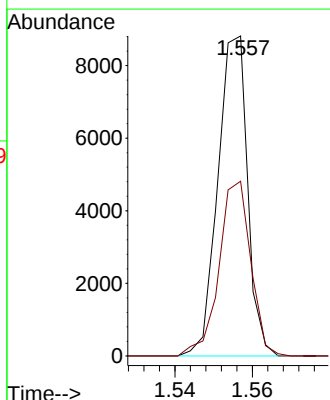
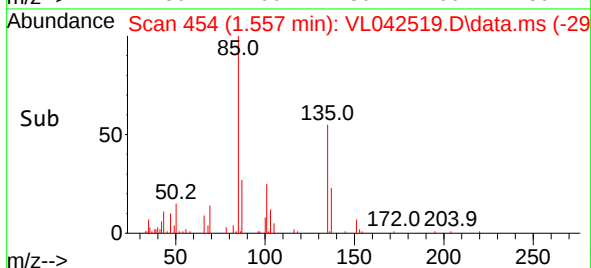
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

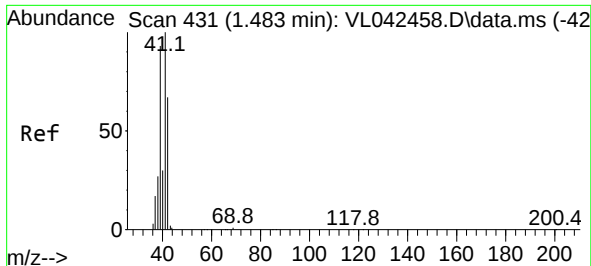


#8
Dichlorotetrafluoroethane
Concen: 0.466 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



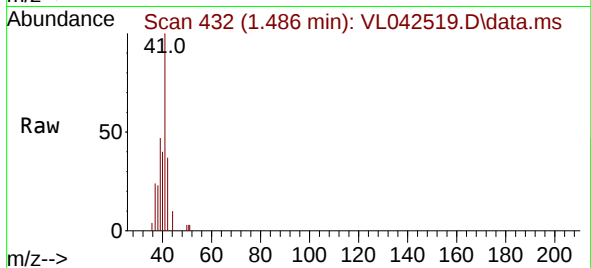
Tgt Ion: 85 Resp: 4695
Ion Ratio Lower Upper
85 100
135 58.6 49.8 74.8





#9
 Propene
 Concen: 0.428 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

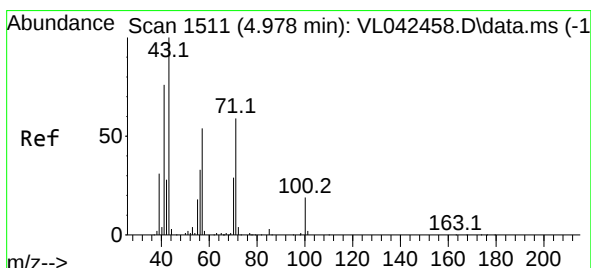
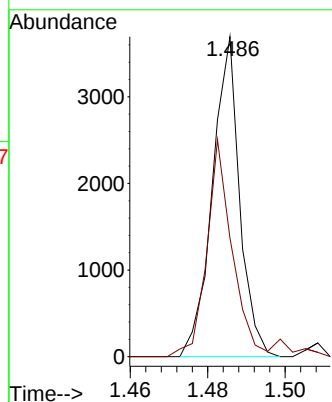
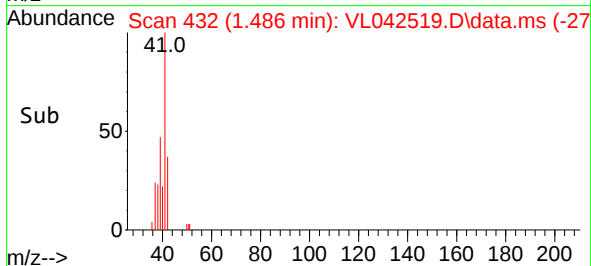
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40



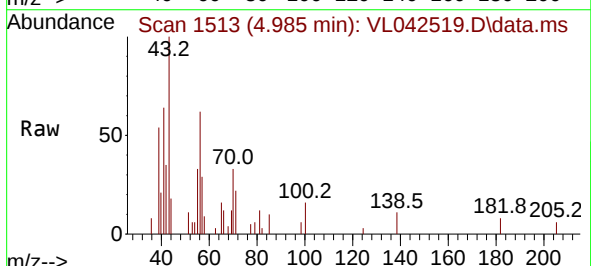
Tgt Ion: 41 Resp: 180
 Ion Ratio Lower Upper
 41 100
 42 68.0 54.3 81.5

Manual Integrations
 APPROVED

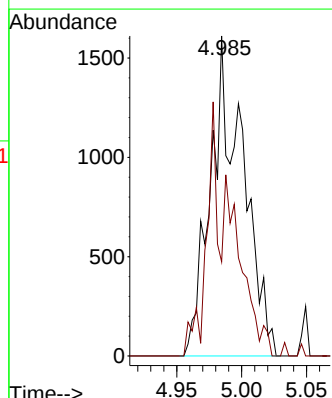
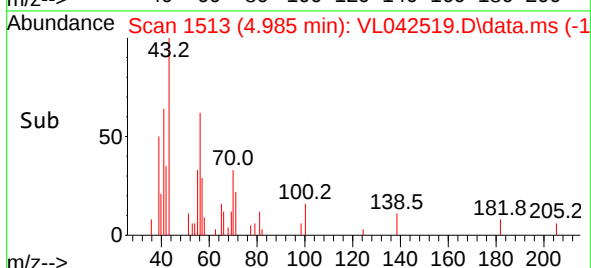
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

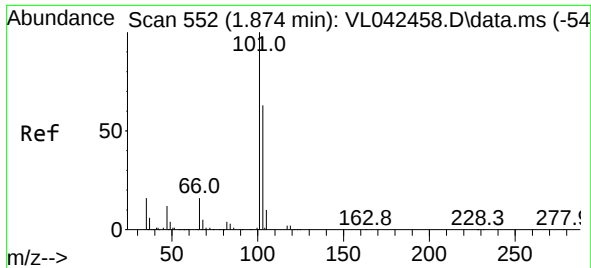


#10
 Heptane
 Concen: 0.256 ppbv m
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.006 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37



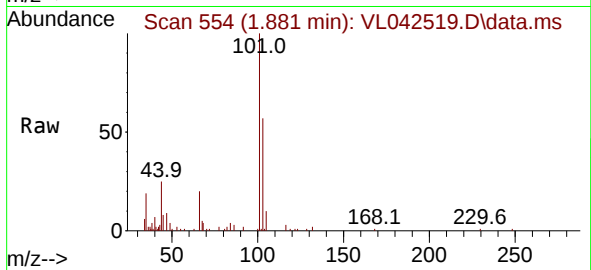
Tgt Ion: 43 Resp: 2805
 Ion Ratio Lower Upper
 43 100
 57 60.6 41.8 62.8





#11
Trichlorofluoromethane
Concen: 0.494 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

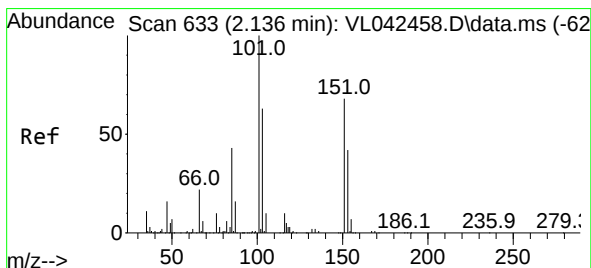
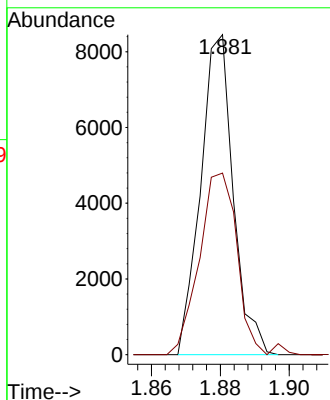
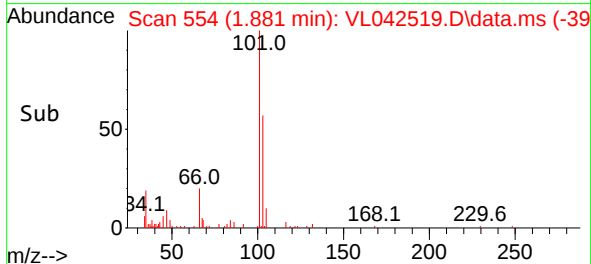
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



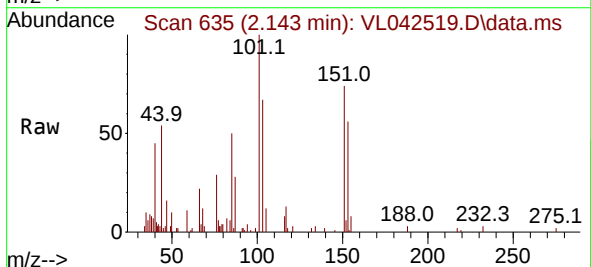
Tgt Ion:101 Resp: 556
Ion Ratio Lower Upper
101 100
103 53.5 50.6 76.0

Manual Integrations
APPROVED

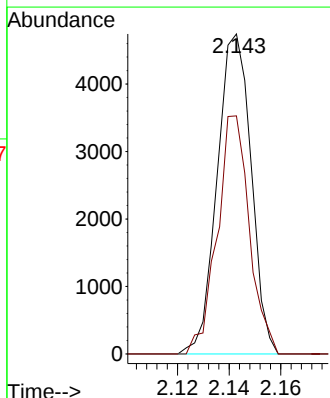
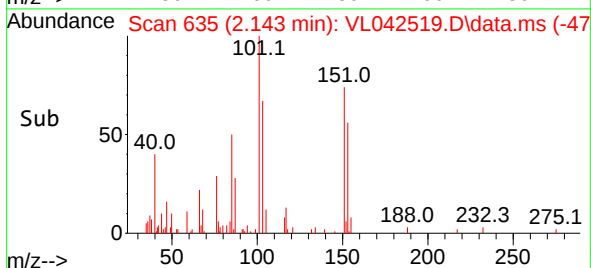
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

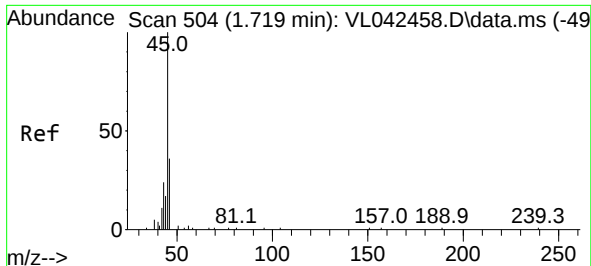


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.481 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



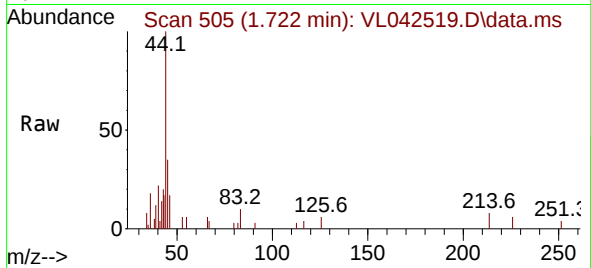
Tgt Ion:101 Resp: 4327
Ion Ratio Lower Upper
101 100
151 70.7 54.6 82.0





#13
Ethanol
Concen: 0.842 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

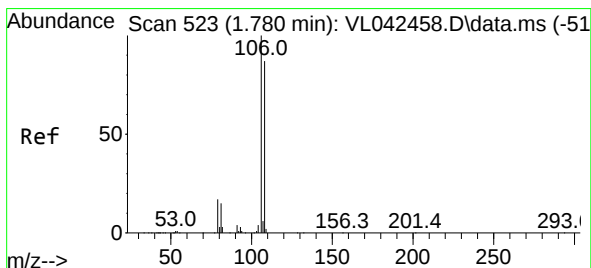
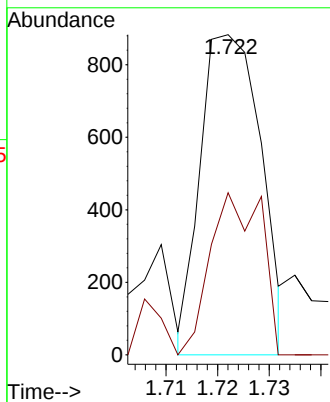
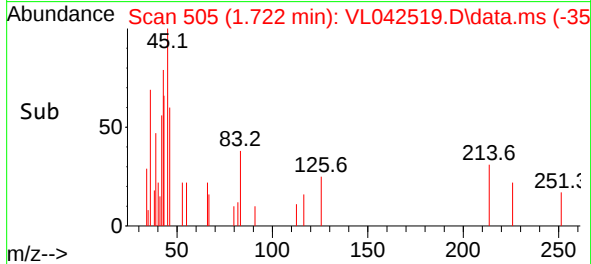
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



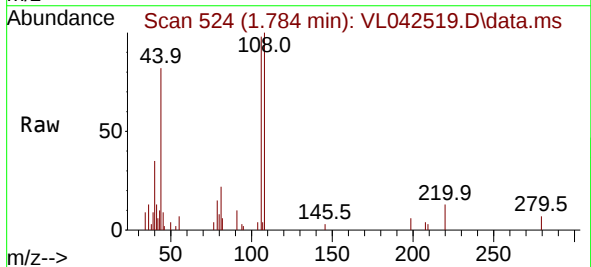
Tgt Ion: 45 Resp: 72
Ion Ratio Lower Upper
45 100
46 54.2 15.3 61.1

Manual Integrations
APPROVED

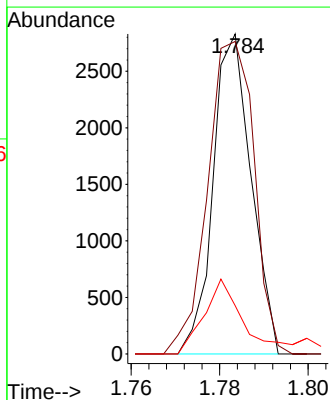
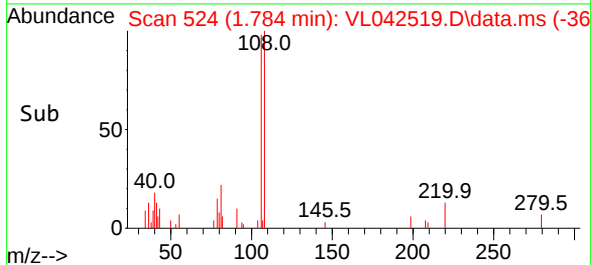
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

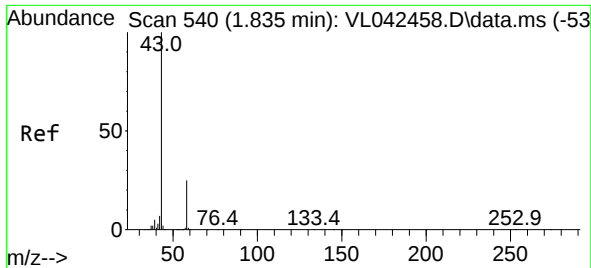


#14
Bromoethene
Concen: 0.509 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



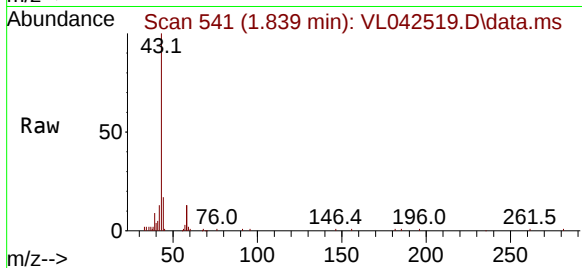
Tgt Ion:108 Resp: 1689
Ion Ratio Lower Upper
108 100
106 121.3 88.8 133.2
79 36.2 17.1 25.7#





#15
Acetone
Concen: 0.609 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

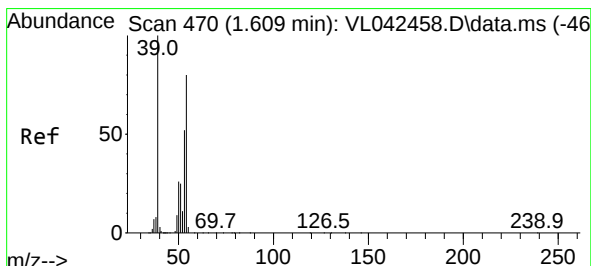
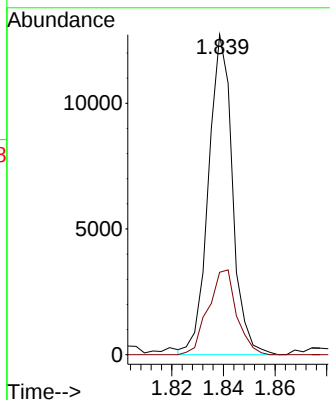
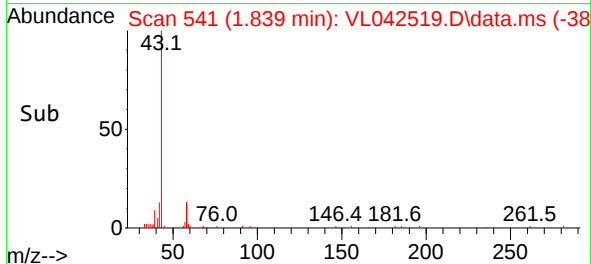
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 31.3 19.8 29.8

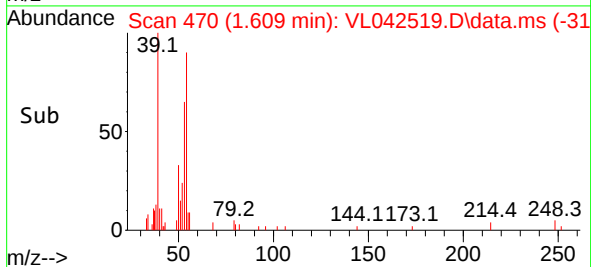
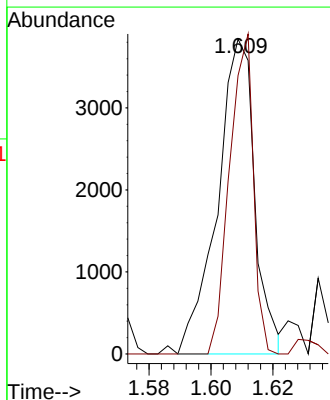
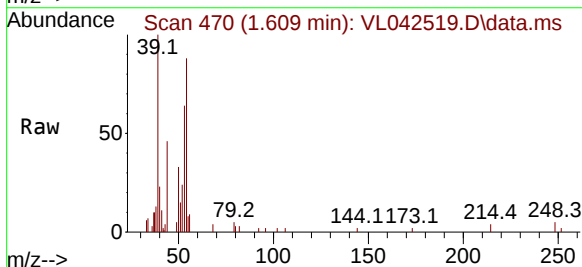
Manual Integrations
APPROVED

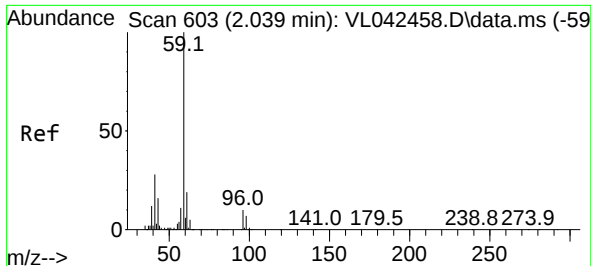
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
1,3-Butadiene
Concen: 0.541 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

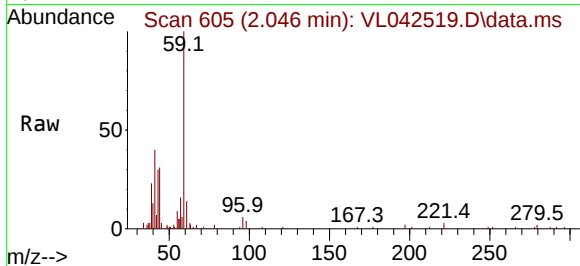
Tgt Ion: 39 Resp: 3215
Ion Ratio Lower Upper
39 100
54 67.7 55.2 82.8





#17
tert-Butyl alcohol
Concen: 0.440 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

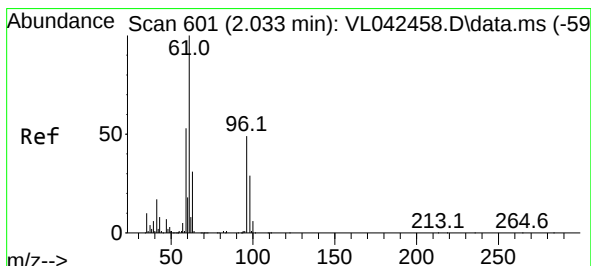
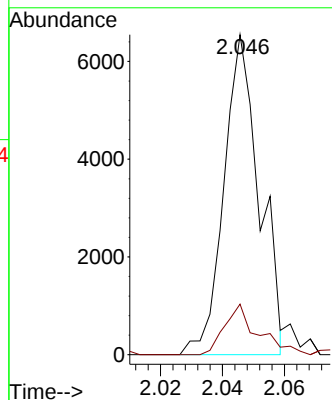
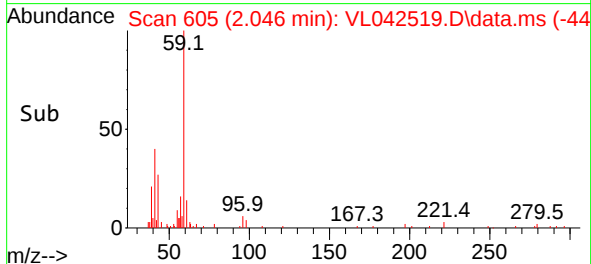
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



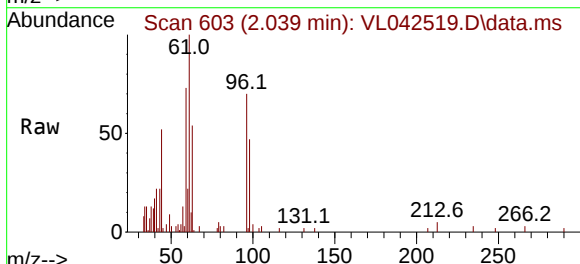
Tgt Ion: 59 Resp: 5219
Ion Ratio Lower Upper
59 100
57 15.6 8.3 12.5

Manual Integrations
APPROVED

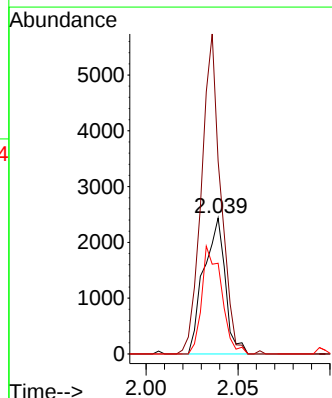
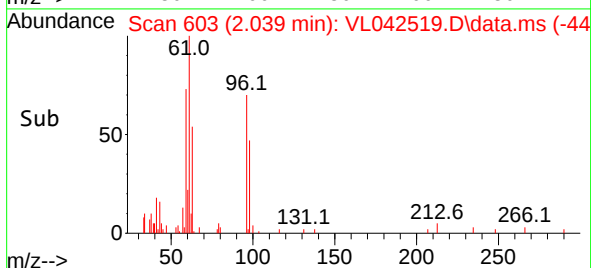
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

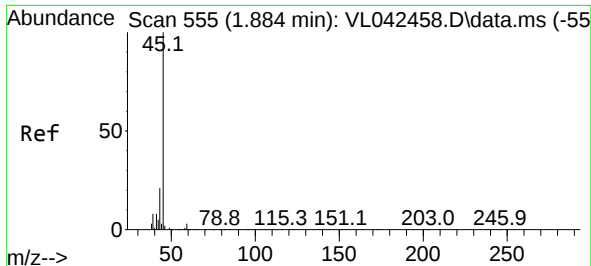


#18
1,1-Dichloroethene
Concen: 0.471 ppbv m
RT: 2.039 min Scan# 603
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



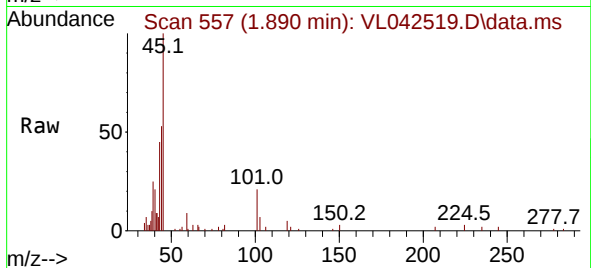
Tgt Ion: 96 Resp: 1978
Ion Ratio Lower Upper
96 100
61 141.9 164.9 247.3#
98 66.7 48.2 72.2





#19
Isopropyl Alcohol
Concen: 0.438 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

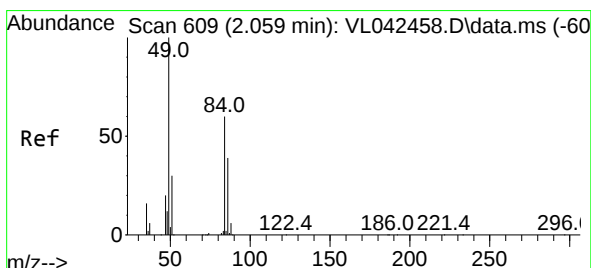
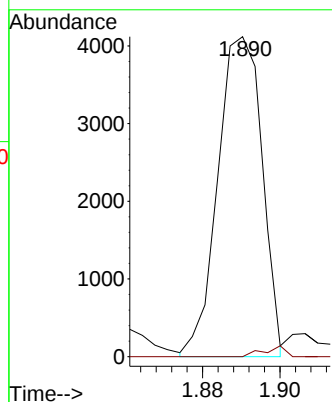
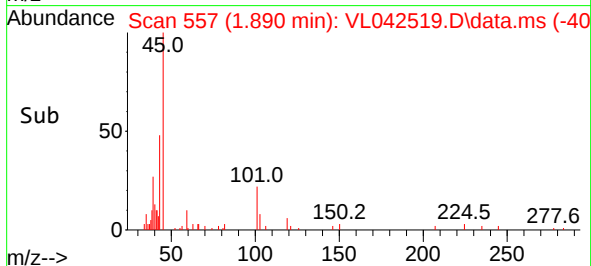
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



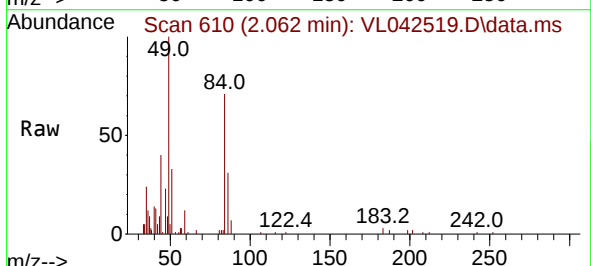
Tgt Ion: 45 Resp: 326
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4

Manual Integrations
APPROVED

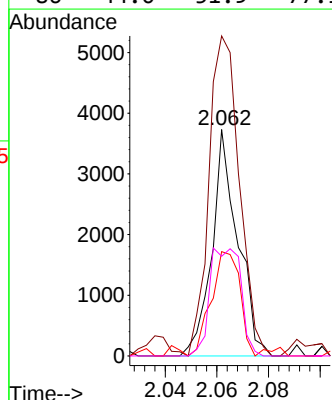
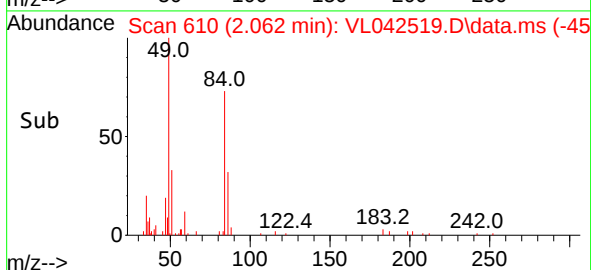
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

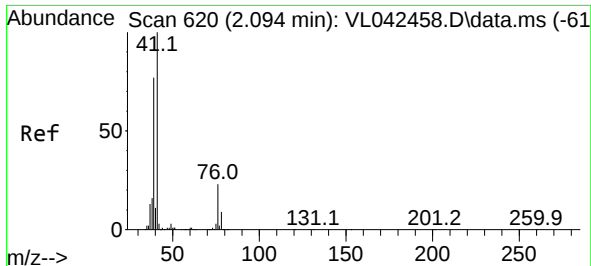


#20
Methylene Chloride
Concen: 0.640 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



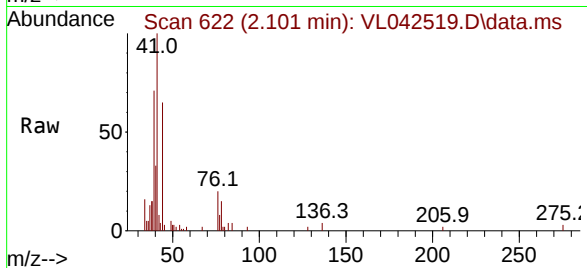
Tgt Ion: 84 Resp: 2592
Ion Ratio Lower Upper
84 100
49 148.3 133.9 200.9
51 43.5 41.0 61.6
86 44.0 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.453 ppbv
 RT: 2.101 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

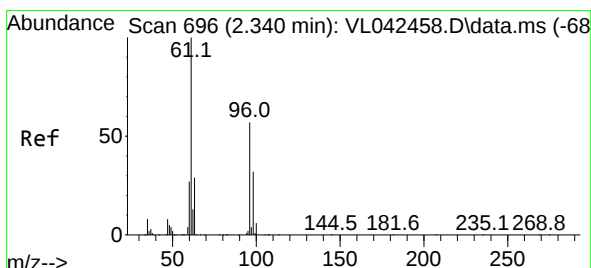
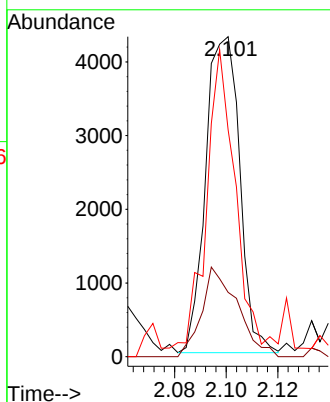
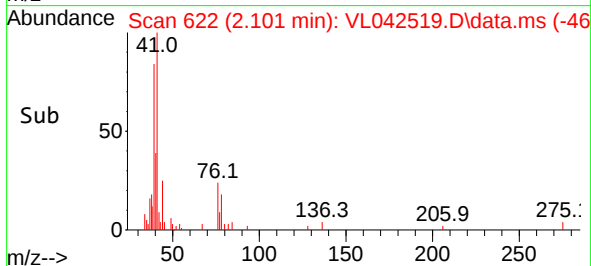
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40



Tgt Ion: 41 Resp: 392
 Ion Ratio Lower Upper
 41 100
 76 29.8 19.6 29.4
 39 101.3 61.0 91.4

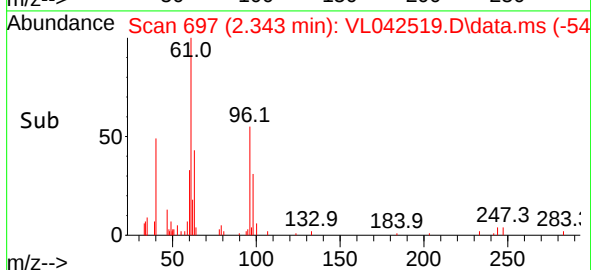
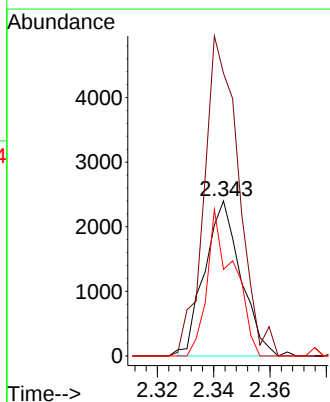
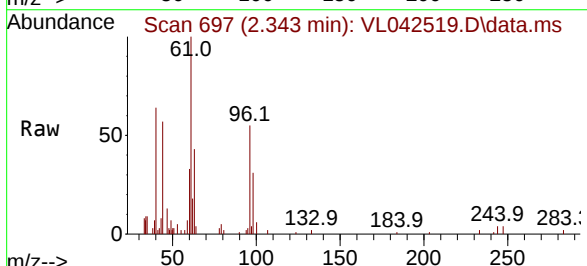
Manual Integrations
 APPROVED

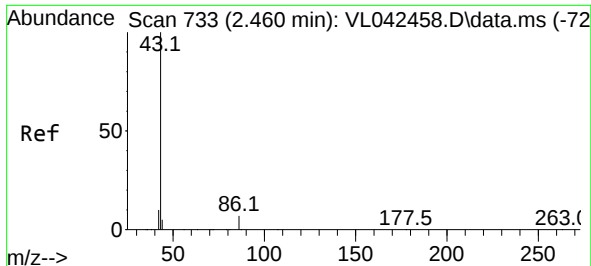
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.433 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

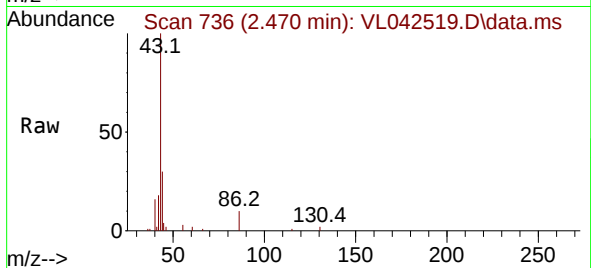
Tgt Ion: 96 Resp: 2126
 Ion Ratio Lower Upper
 96 100
 61 182.4 141.8 212.6
 98 55.8 45.0 67.6





#23
 Vinyl Acetate
 Concen: 0.429 ppbv
 RT: 2.470 min Scan# 718
 Delta R.T. 0.010 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

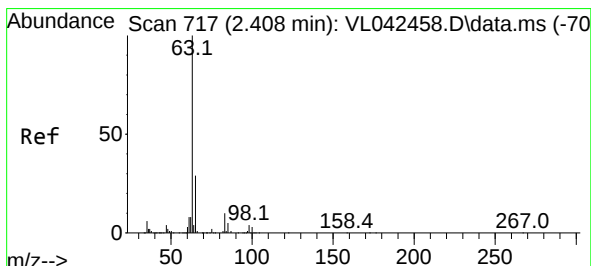
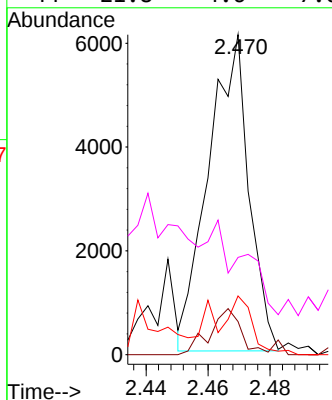
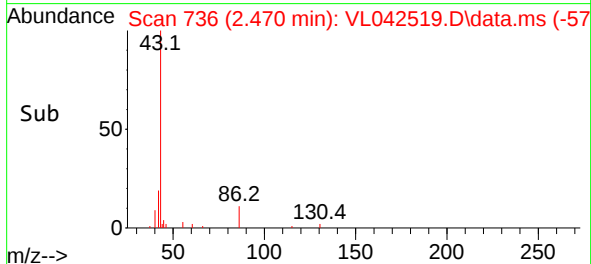
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40



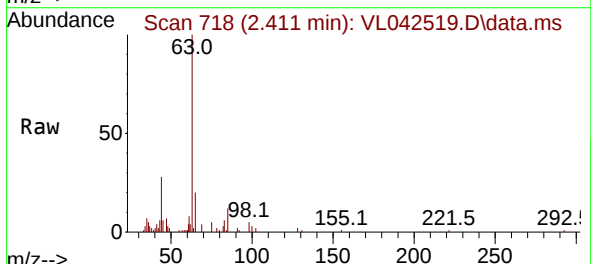
Tgt Ion: 43 Resp: 5520
 Ion Ratio Lower Upper
 43 100
 86 10.5 5.5 8.3
 42 17.6 8.3 12.5
 44 21.8 4.6 7.0

Manual Integrations
 APPROVED

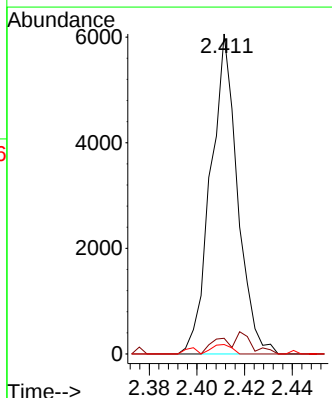
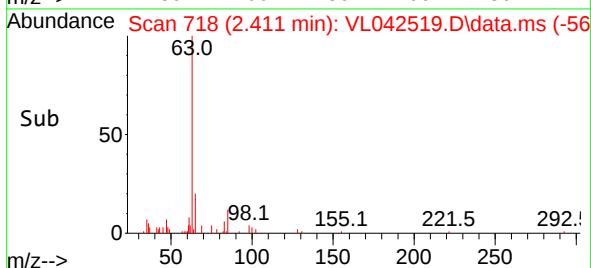
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

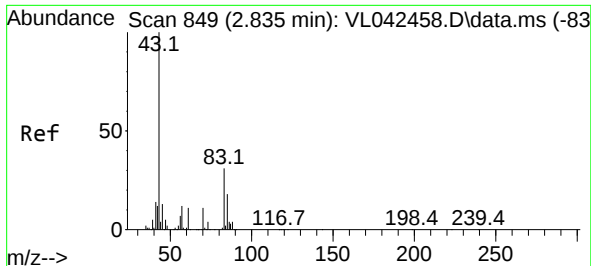


#24
 1,1-Dichloroethane
 Concen: 0.474 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37



Tgt Ion: 63 Resp: 4741
 Ion Ratio Lower Upper
 63 100
 98 4.9 1.8 5.5
 100 3.0 1.4 4.2





#25

Ethyl Acetate

Concen: 0.228 ppbv

RT: 2.845 min Scan# 849

Delta R.T. 0.010 min

Lab File: VL042519.D

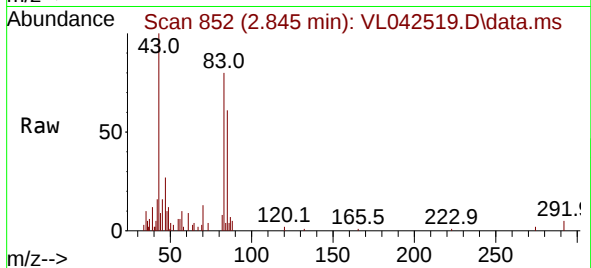
Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

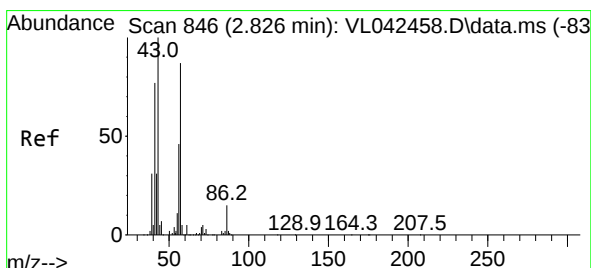
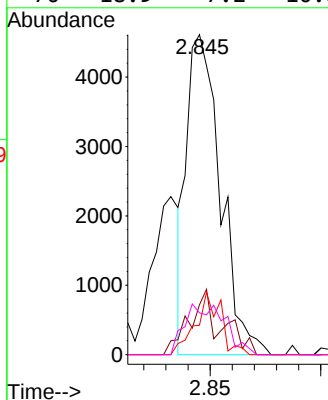
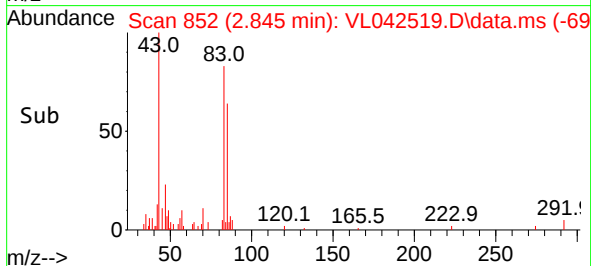


Tgt Ion:	43	Resp:	4908
Ion Ratio	100	Lower	Upper
43	100		
45	19.3	7.8	11.6
61	14.7	7.2	10.8
70	18.9	7.2	10.8

Manual Integrations

APPROVED

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



#26

Hexane

Concen: 0.295 ppbv m

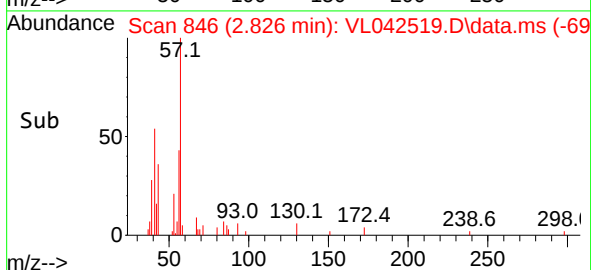
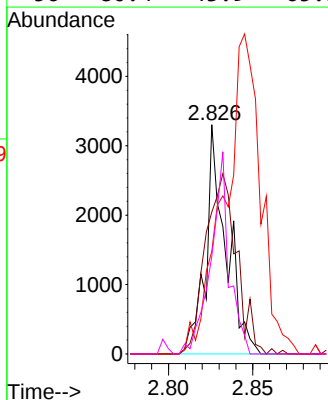
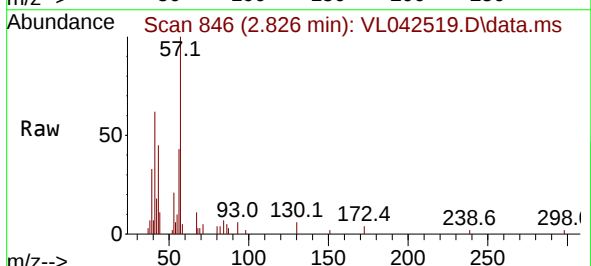
RT: 2.826 min Scan# 846

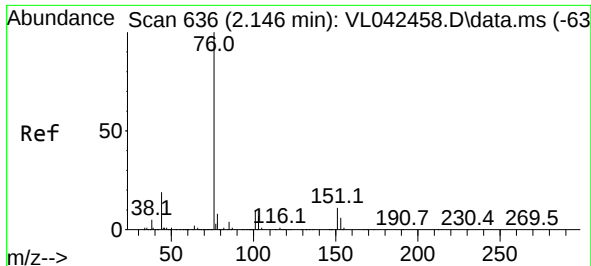
Delta R.T. -0.000 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Tgt Ion:	57	Resp:	2775
Ion Ratio	100	Lower	Upper
57	100		
41	119.7	77.8	116.8
43	0.0	187.0	280.6
56	80.4	43.9	65.9





#27

Carbon Disulfide

Concen: 0.428 ppbv

RT: 2.152 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

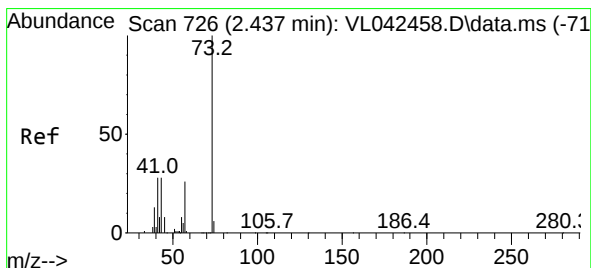
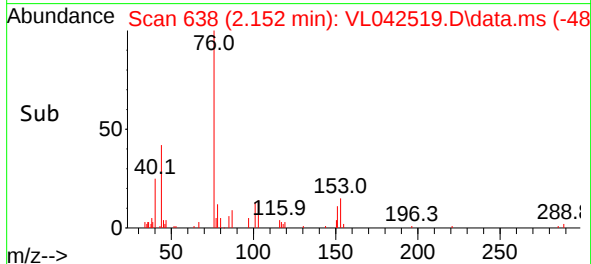
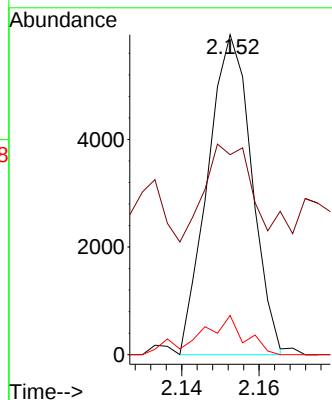
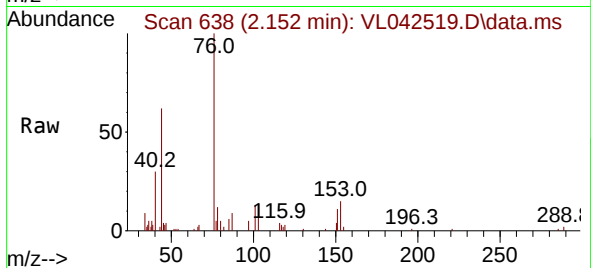
Tgt Ion: 76	Resp: 4689
Ion Ratio	Lower Upper
76 100	
44 153.8	21.0 31.6
78 12.7	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#28

Methyl tert-Butyl Ether

Concen: 0.369 ppbv

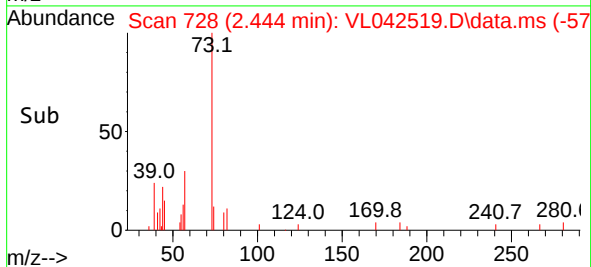
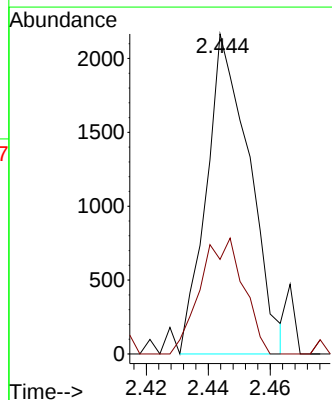
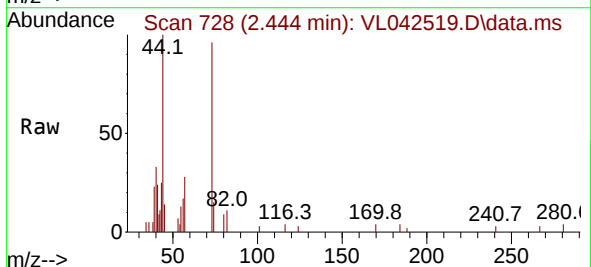
RT: 2.444 min Scan# 728

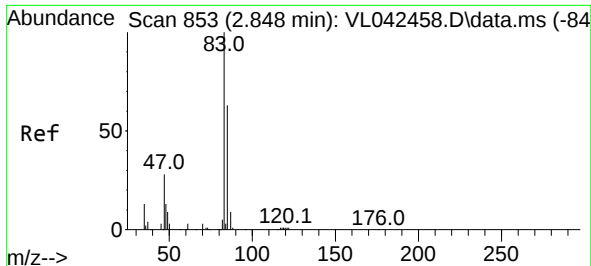
Delta R.T. 0.006 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Tgt Ion: 73	Resp: 2085
Ion Ratio	Lower Upper
73 100	
57 41.7	19.9 29.9





#29

Chloroform

Concen: 0.498 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

Tgt Ion: 83 Resp: 877

Ion Ratio Lower Upper

83 100

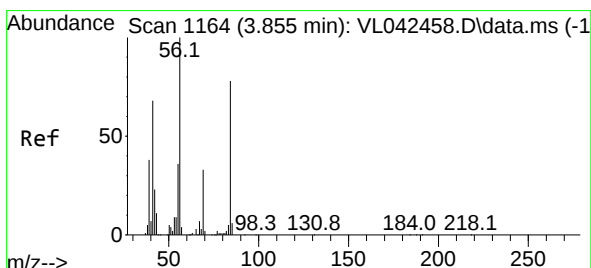
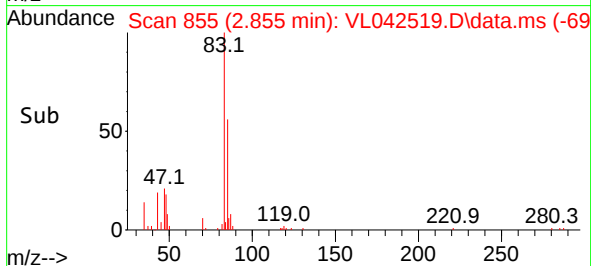
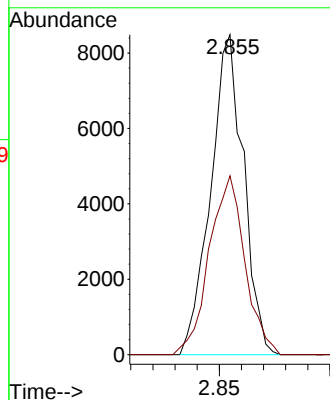
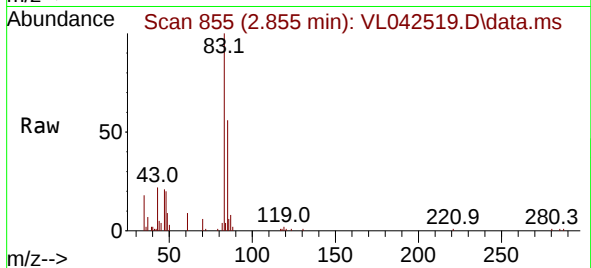
85 55.9 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 0.277 ppbv m

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

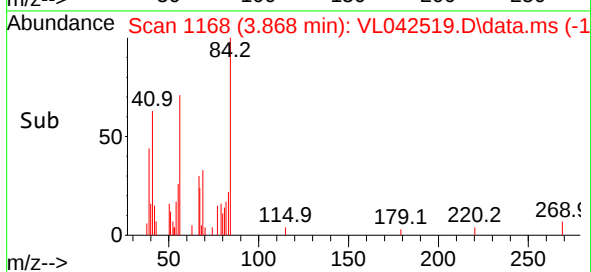
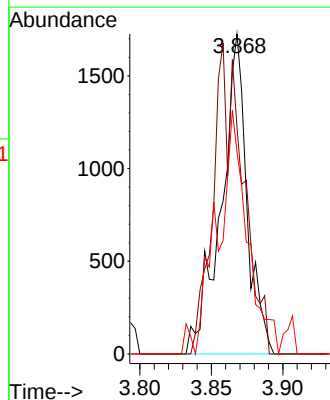
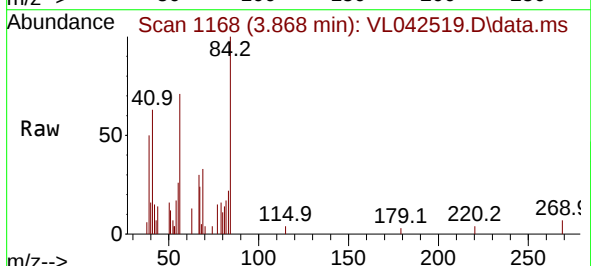
Tgt Ion: 84 Resp: 2173

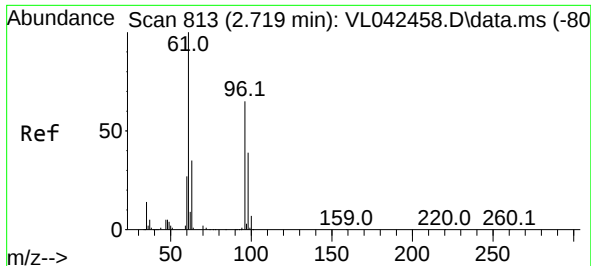
Ion Ratio Lower Upper

84 100

56 111.9 98.1 147.1

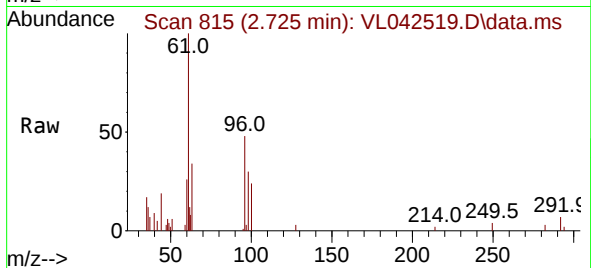
41 92.7 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 0.319 ppbv
 RT: 2.725 min Scan# 813
 Delta R.T. 0.006 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

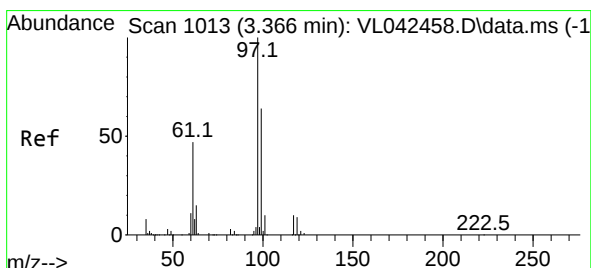
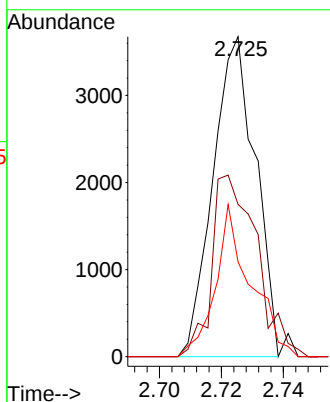
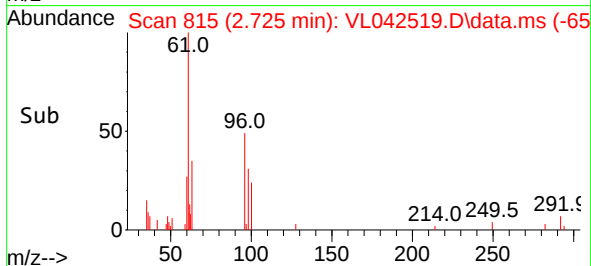
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40



Tgt Ion: 61 Resp: 3497
 Ion Ratio Lower Upper
 61 100
 96 42.3 52.0 78.0
 98 26.4 31.0 46.6

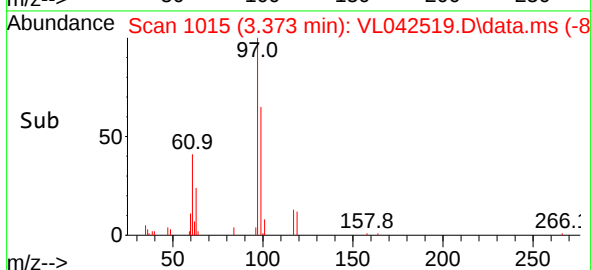
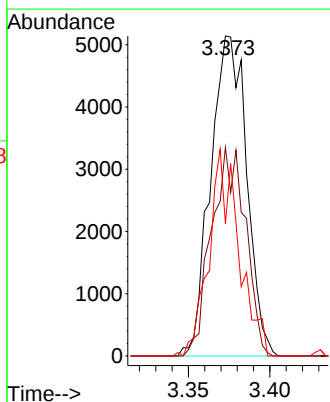
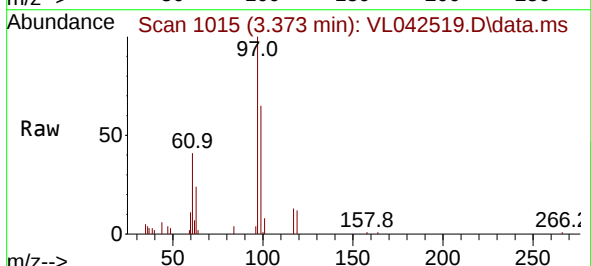
Manual Integrations
 APPROVED

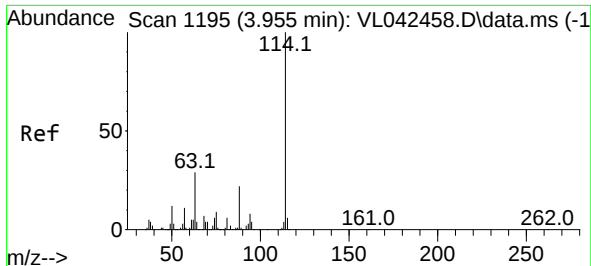
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.413 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

Tgt Ion: 97 Resp: 7886
 Ion Ratio Lower Upper
 97 100
 99 61.4 50.7 76.1
 61 53.5 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: VL042519.D

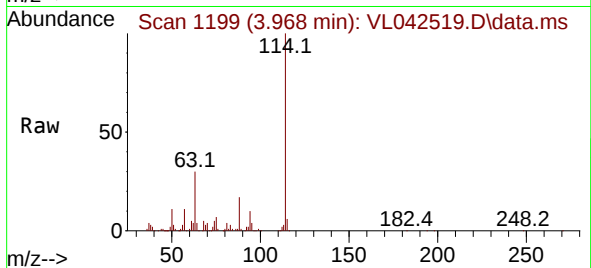
Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40



Tgt Ion: 114 Resp: 187670

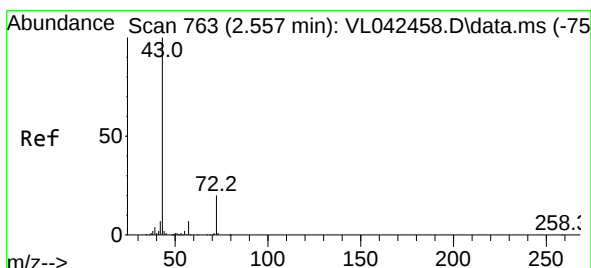
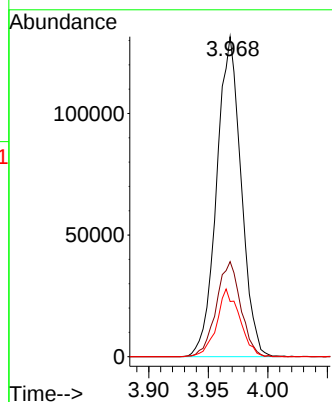
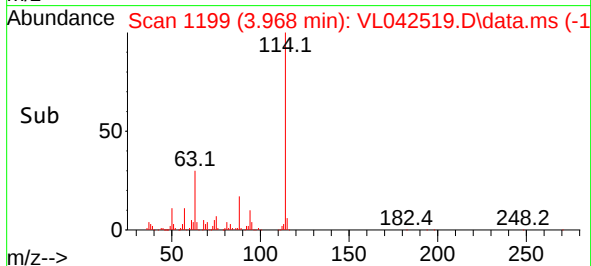
Ion	Ratio	Lower	Upper
114	100		
63	29.8	23.1	34.7
88	20.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.451 ppbv

RT: 2.567 min Scan# 766

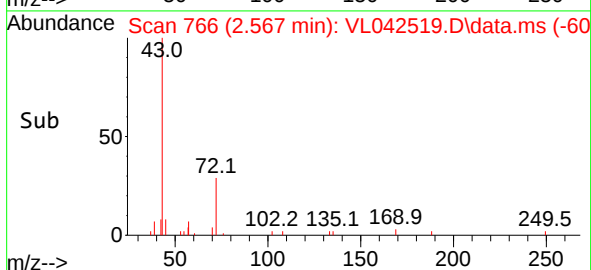
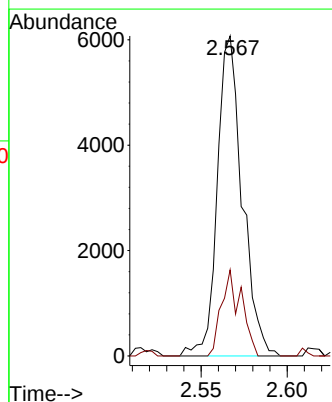
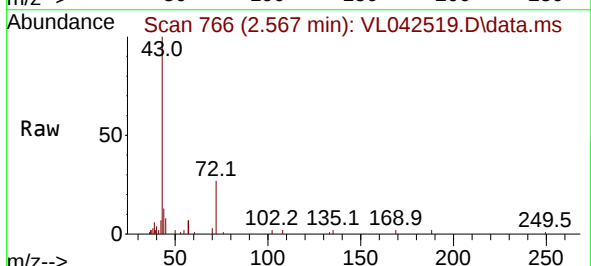
Delta R.T. 0.010 min

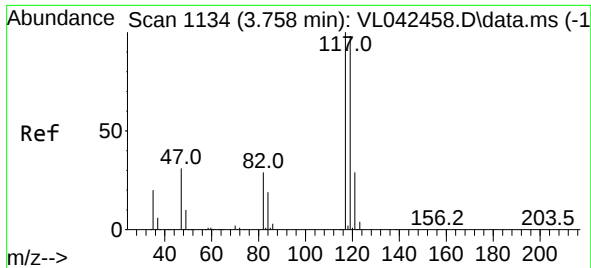
Lab File: VL042519.D

Acq: 07 May 2025 15:37

Tgt Ion: 43 Resp: 6121

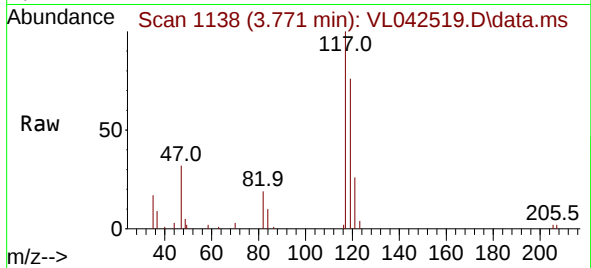
Ion	Ratio	Lower	Upper
43	100		
72	21.5	16.7	25.1





#35
Carbon Tetrachloride
Concen: 0.481 ppbv
RT: 3.771 min Scan# 1134
Delta R.T. 0.013 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

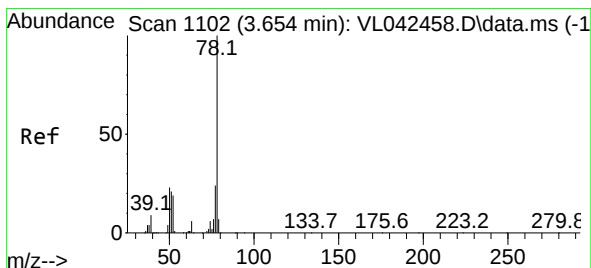
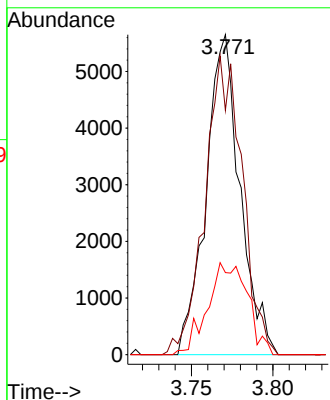
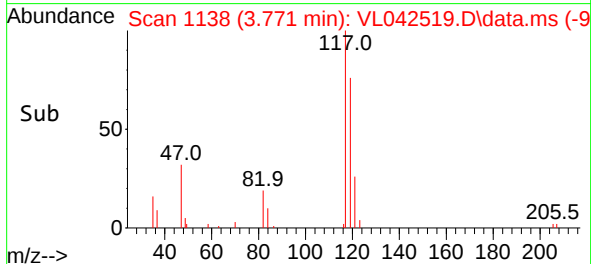
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



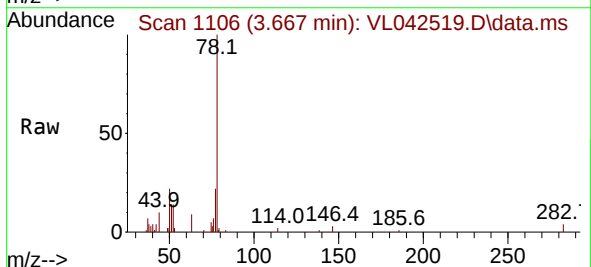
Tgt Ion: 117 Resp: 8199
Ion Ratio Lower Upper
117 100
119 76.3 78.1 117.1
121 25.7 23.0 34.6

Manual Integrations
APPROVED

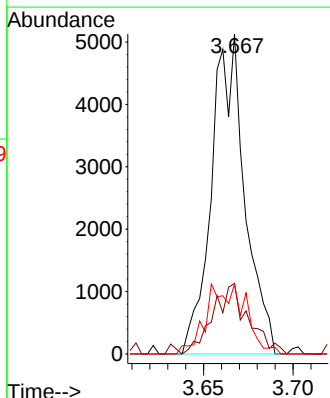
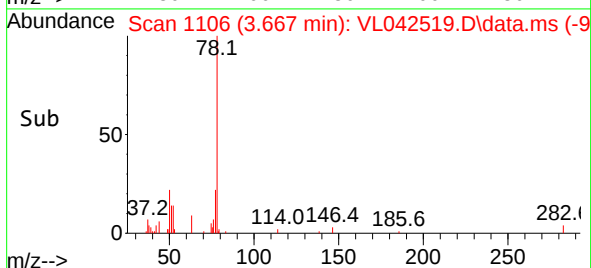
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

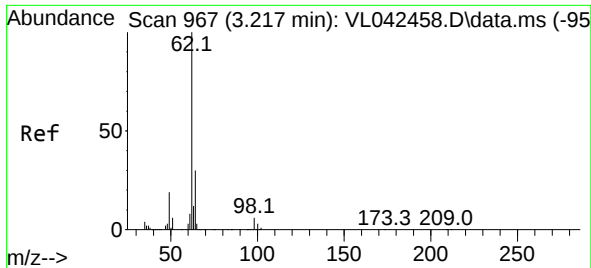


#36
Benzene
Concen: 0.373 ppbv m
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



Tgt Ion: 78 Resp: 6600
Ion Ratio Lower Upper
78 100
77 22.0 18.9 28.3
50 21.8 18.4 27.6





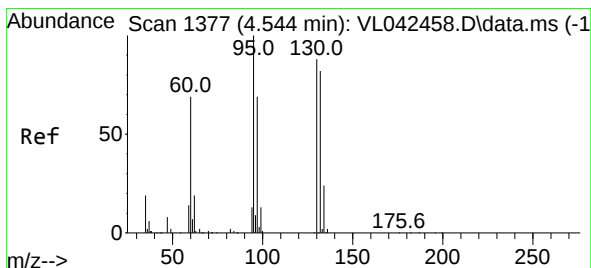
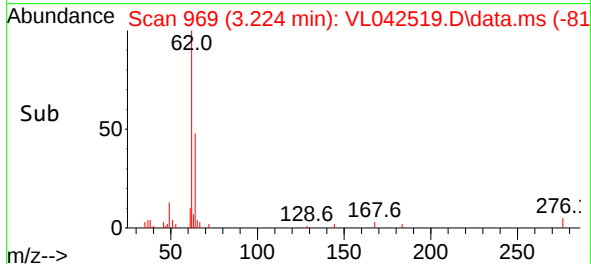
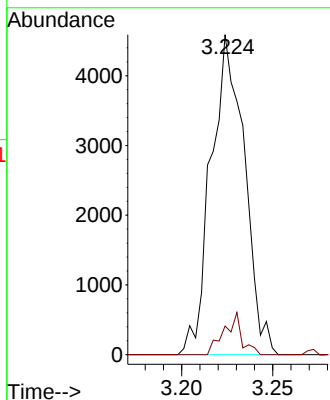
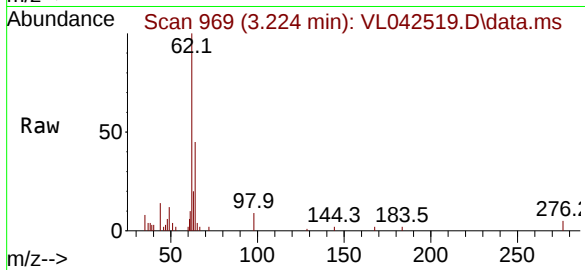
#37
1,2-Dichloroethane
Concen: 0.429 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40

Tgt Ion: 62 Resp: 585
Ion Ratio Lower Upper
62 100
98 6.9 4.3 6.5

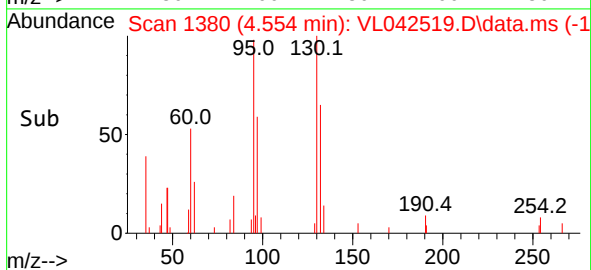
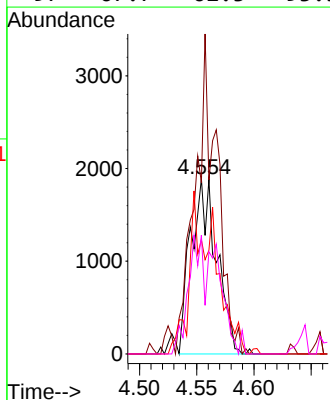
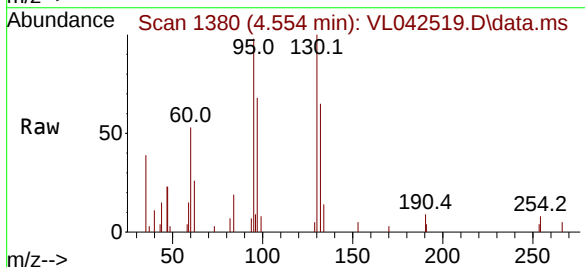
Manual Integrations
APPROVED

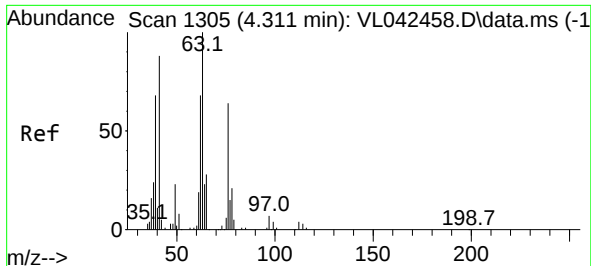
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.444 ppbv m
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Tgt Ion:130 Resp: 2996
Ion Ratio Lower Upper
130 100
95 97.7 91.0 136.4
132 65.2 74.2 111.4#
97 67.7 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.490 ppbv m

RT: 4.324 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

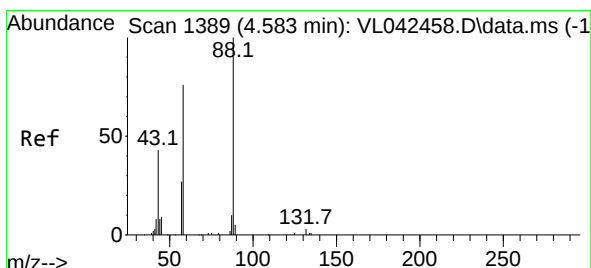
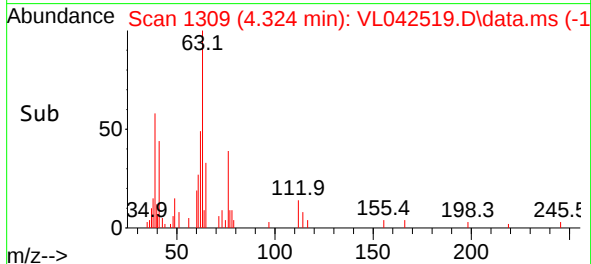
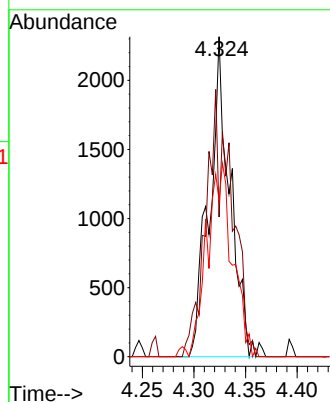
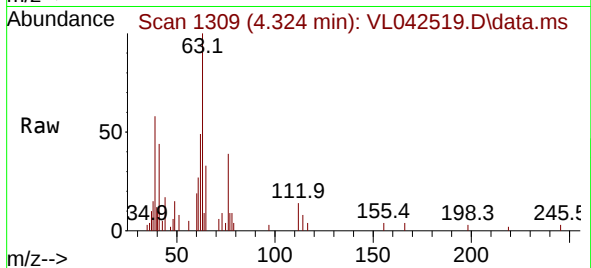
MDL2 0.40

Tgt Ion: 63	Resp: 324
Ion Ratio	Lower Upper
63 100	
41 43.7	69.8 104.6
62 48.7	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: 0.351 ppbv m

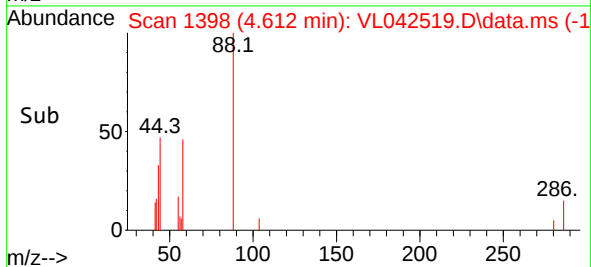
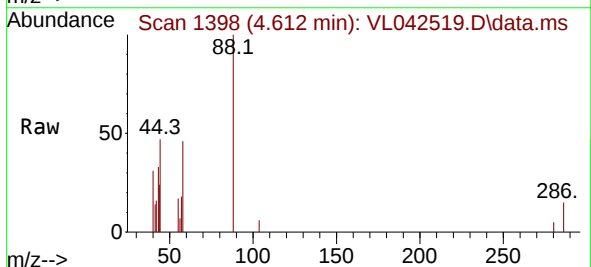
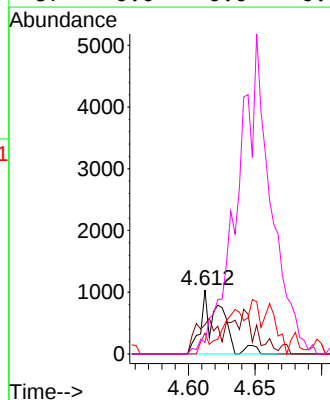
RT: 4.612 min Scan# 1398

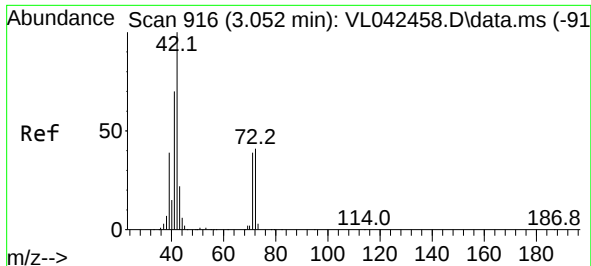
Delta R.T. 0.029 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Tgt Ion: 88	Resp: 1091
Ion Ratio	Lower Upper
88 100	
58 0.0	0.0 0.0
43 12.9	0.0 0.0#
57 0.0	0.0 0.0





#41

Tetrahydrofuran

Concen: 0.294 ppbv

RT: 3.072 min Scan# 916

Delta R.T. 0.019 min

Lab File: VL042519.D

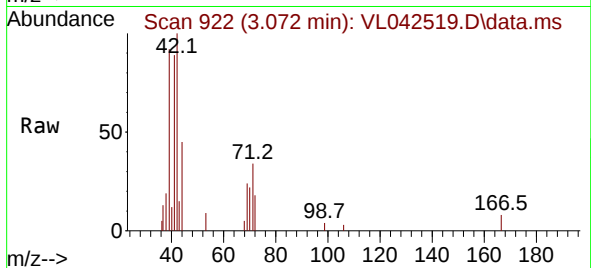
Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

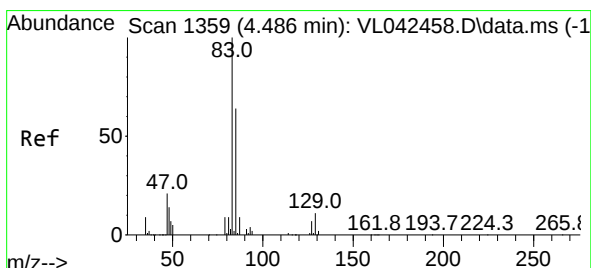
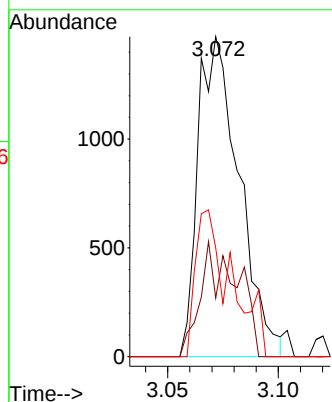
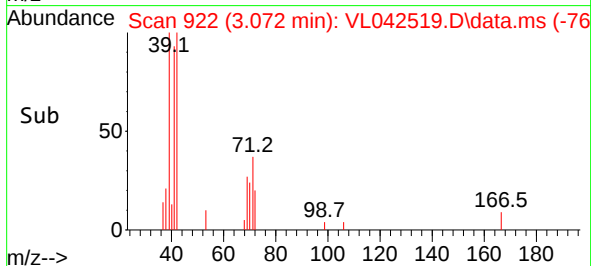


Tgt Ion:	42	Resp:	1890
Ion Ratio	100	Lower	Upper
42	100		
72	31.9	33.5	50.3
71	40.1	32.6	49.0

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 0.475 ppbv m

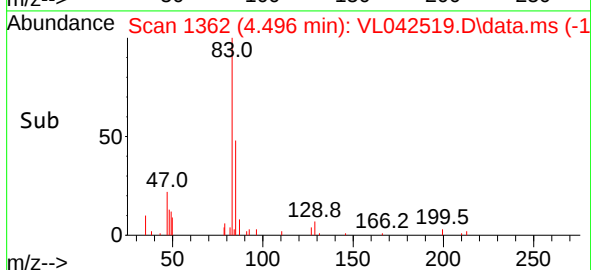
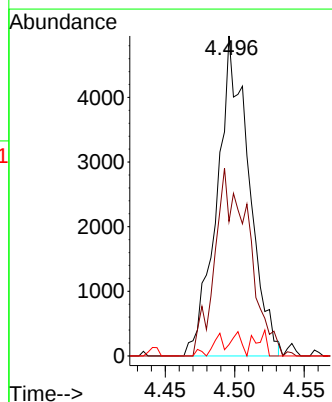
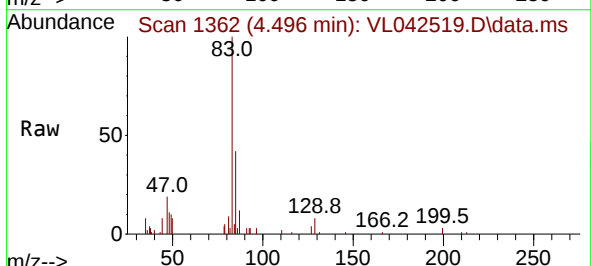
RT: 4.496 min Scan# 1362

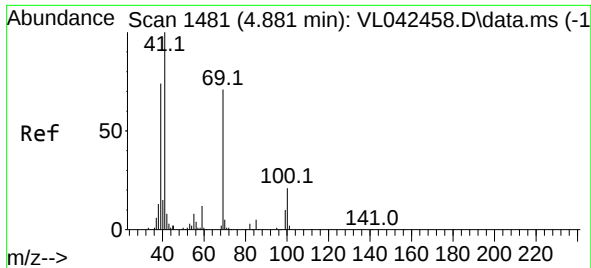
Delta R.T. 0.010 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

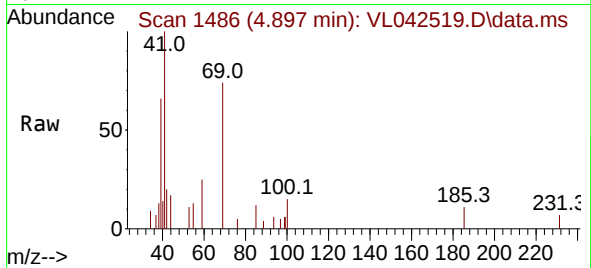
Tgt Ion:	83	Resp:	7915
Ion Ratio	100	Lower	Upper
83	100		
85	42.0	51.5	77.3
127	3.6	5.4	8.2





#43
Methyl Methacrylate
Concen: 0.297 ppbv m
RT: 4.897 min Scan# 1486
Delta R.T. 0.016 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

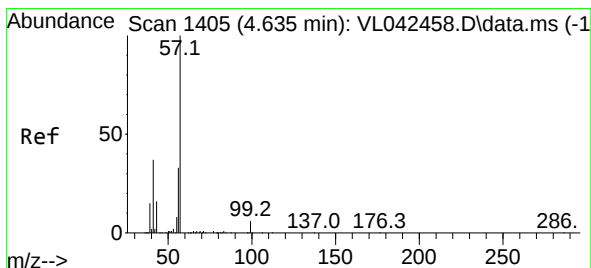
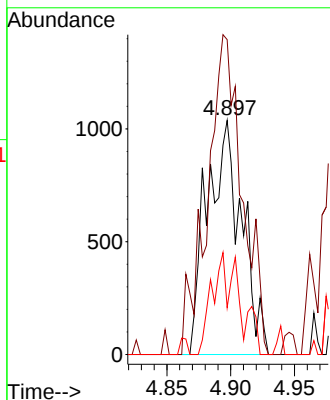
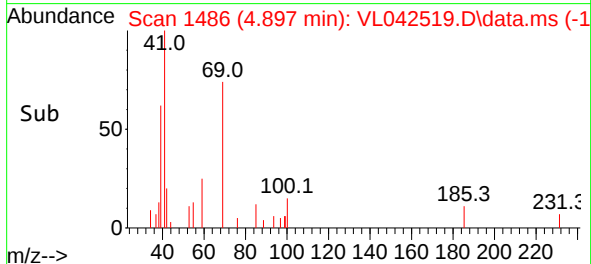
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



Tgt Ion: 69 Resp: 1964
Ion Ratio Lower Upper
69 100
41 136.9 120.8 181.2
100 37.6 26.7 40.1

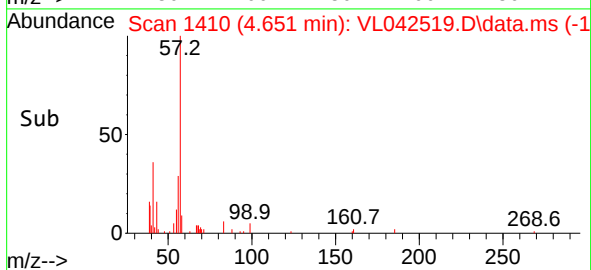
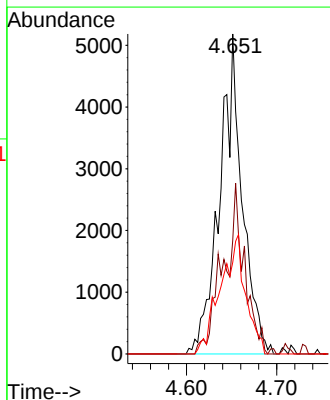
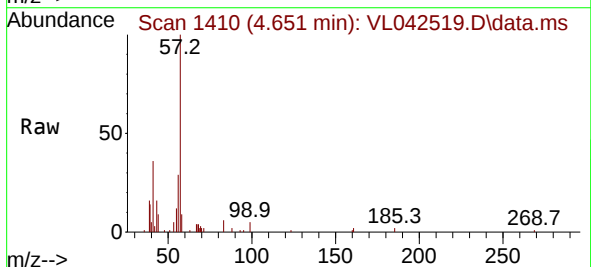
Manual Integrations
APPROVED

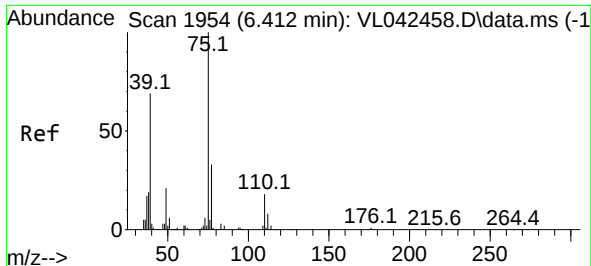
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 0.316 ppbv m
RT: 4.651 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Tgt Ion: 57 Resp: 9077
Ion Ratio Lower Upper
57 100
41 49.8 30.6 45.8#
56 41.4 25.0 37.6#





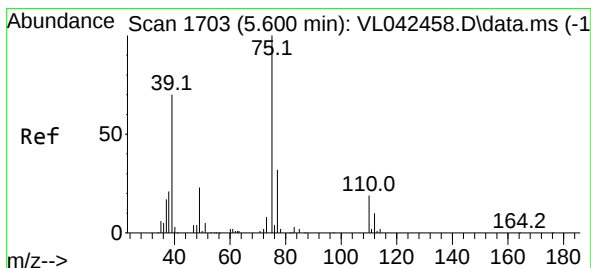
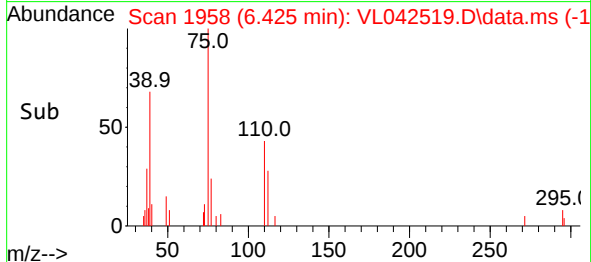
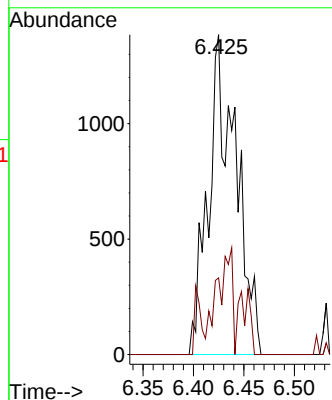
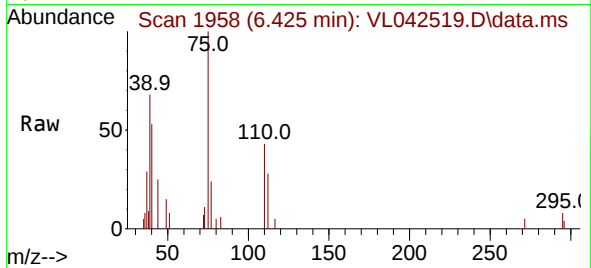
#45
t-1,3-Dichloropropene
Concen: 0.303 ppbv m
RT: 6.425 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40

Tgt Ion: 75 Resp: 2620
Ion Ratio Lower Upper
75 100
77 24.0 26.3 39.5

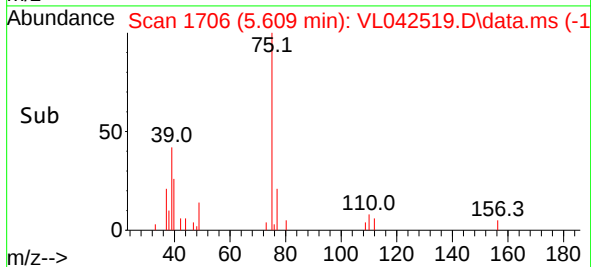
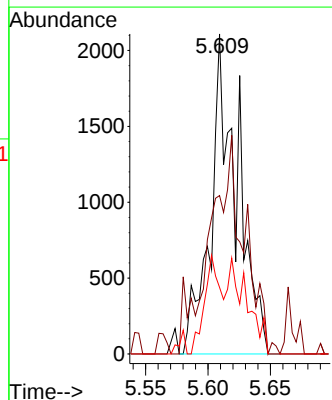
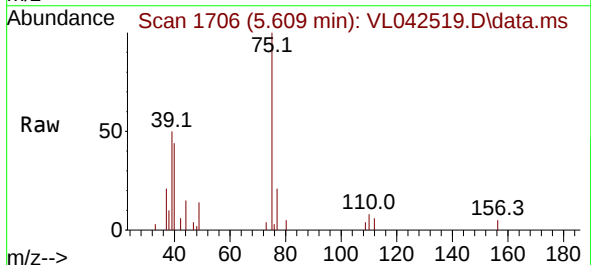
Manual Integrations
APPROVED

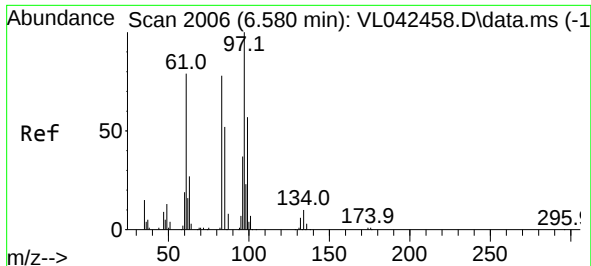
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#46
cis-1,3-Dichloropropene
Concen: 0.305 ppbv m
RT: 5.609 min Scan# 1706
Delta R.T. 0.010 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Tgt Ion: 75 Resp: 3142
Ion Ratio Lower Upper
75 100
39 49.5 55.7 83.5#
77 20.8 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.509 ppbv m

RT: 6.596 min Scan# 2006

Delta R.T. 0.016 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

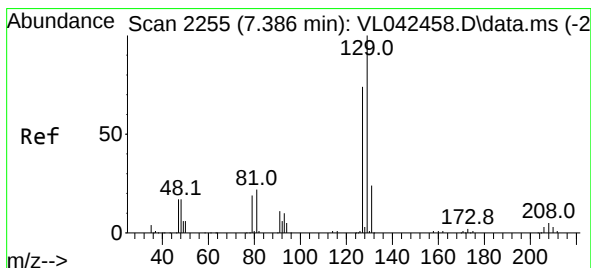
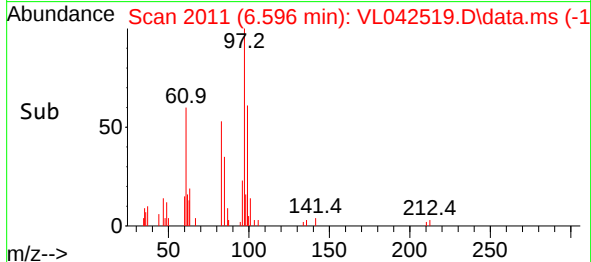
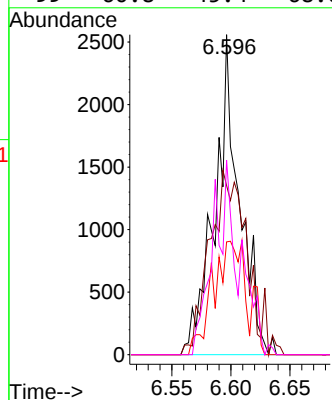
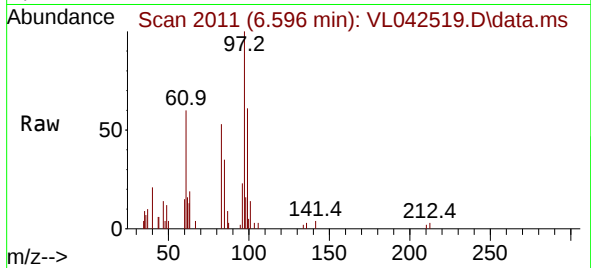
Tgt Ion: 97	Resp: 3704
Ion Ratio	Lower Upper
97 100	
83 52.9	62.2 93.2
85 35.2	41.5 62.3
99 60.8	45.4 68.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#48

Dibromochloromethane

Concen: 0.452 ppbv m

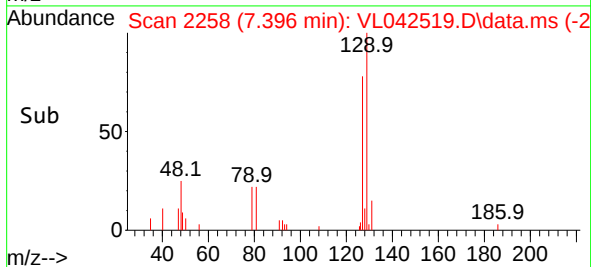
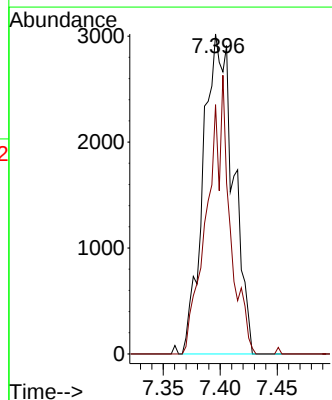
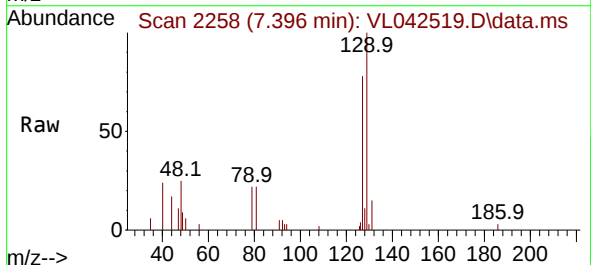
RT: 7.396 min Scan# 2258

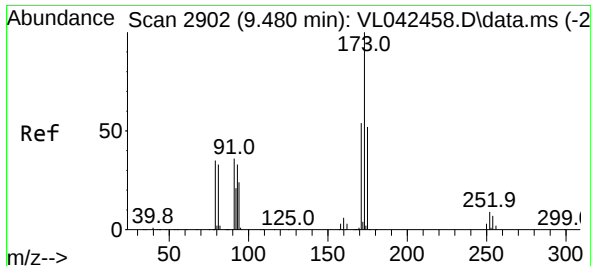
Delta R.T. 0.010 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

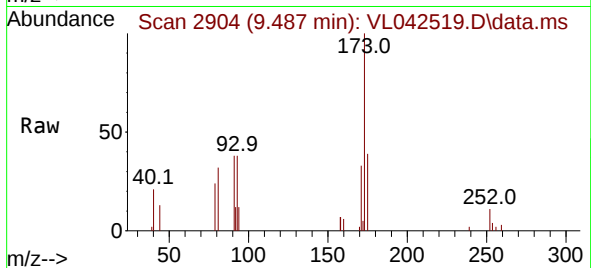
Tgt Ion:129	Resp: 5552
Ion Ratio	Lower Upper
129 100	
127 0.0	39.5 118.5#





#49
Bromoform
Concen: 0.401 ppbv m
RT: 9.487 min Scan# 2902
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

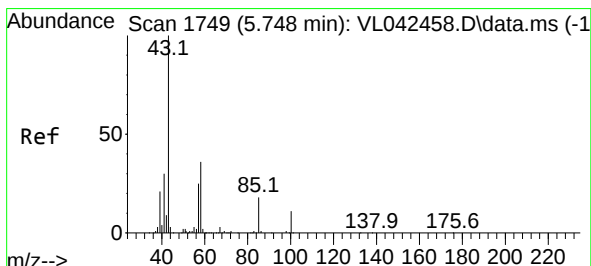
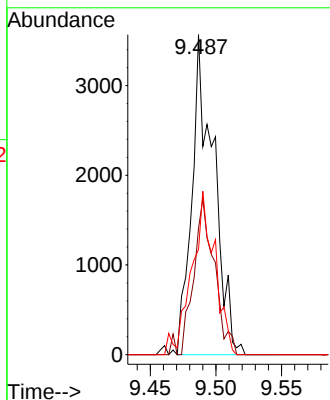
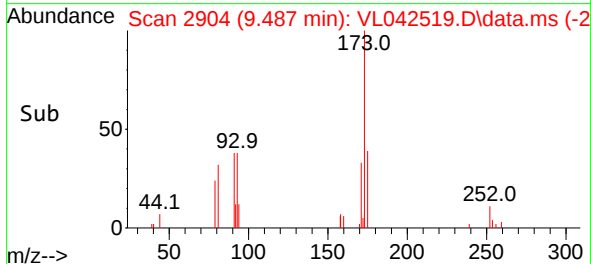
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



Tgt Ion:173 Resp: 4124
Ion Ratio Lower Upper
173 100
175 46.9 38.9 58.3
171 54.1 40.6 60.8

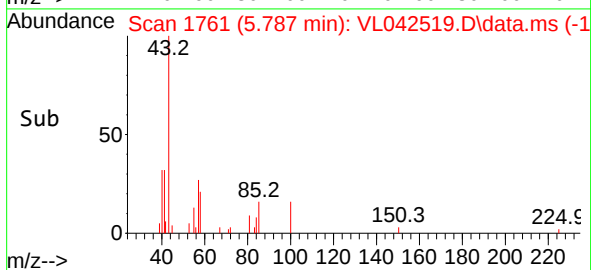
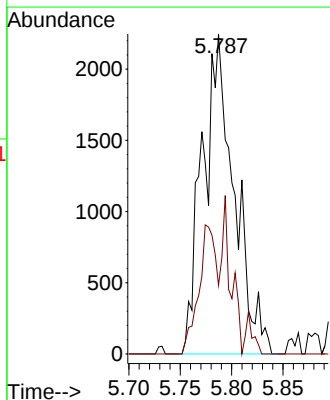
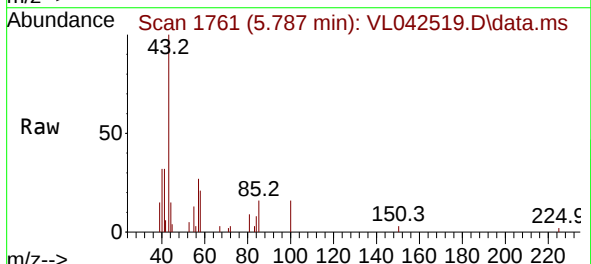
Manual Integrations
APPROVED

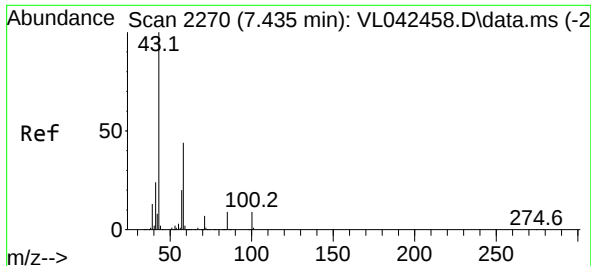
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.281 ppbv m
RT: 5.787 min Scan# 1761
Delta R.T. 0.039 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

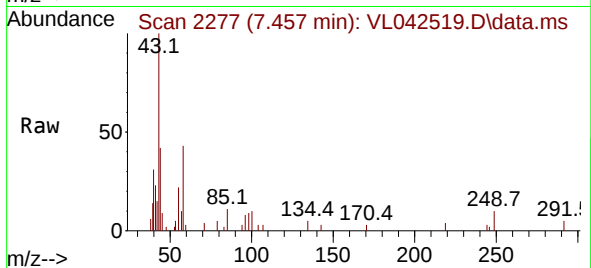
Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#51
2-Hexanone
Concen: 0.297 ppbv m
RT: 7.457 min Scan# 2118
Delta R.T. 0.023 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

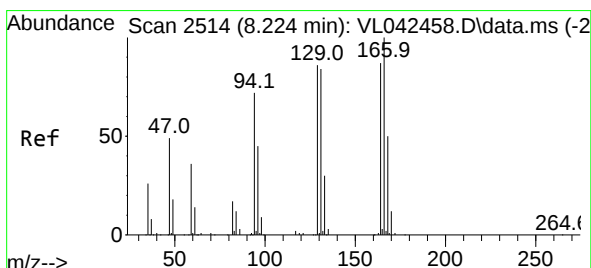
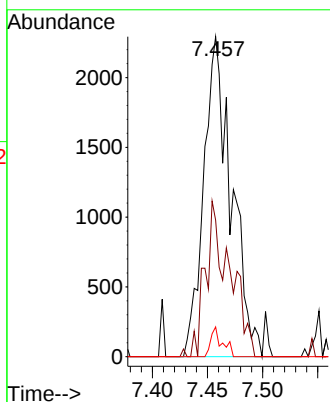
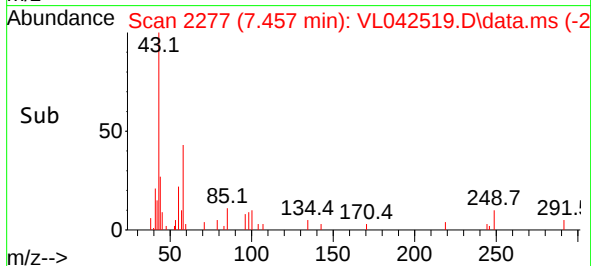
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



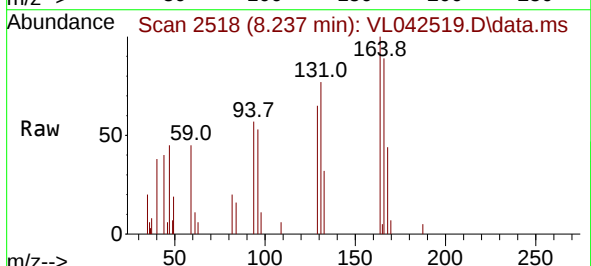
Tgt Ion: 43 Resp: 4075
Ion Ratio Lower Upper
43 100
58 42.3 37.2 55.8
98 3.7 0.4 0.6

Manual Integrations
APPROVED

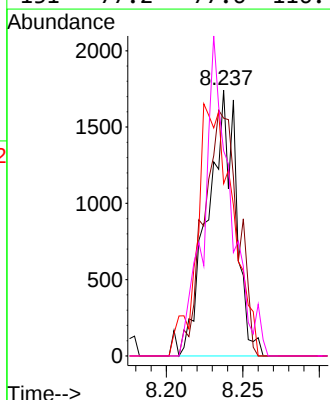
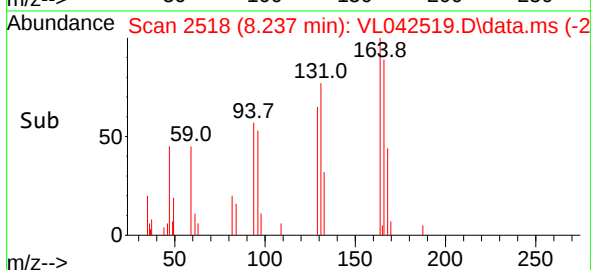
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

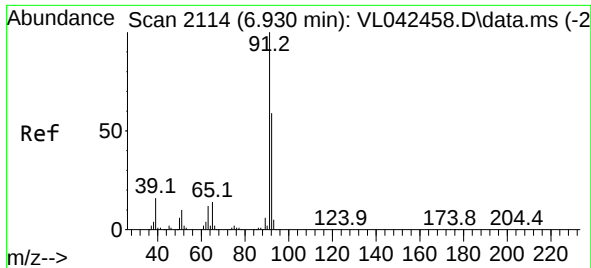


#52
Tetrachloroethene
Concen: 0.332 ppbv m
RT: 8.237 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



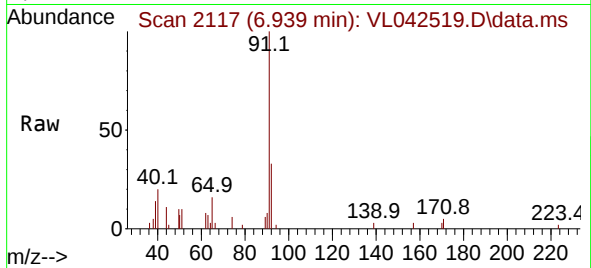
Tgt Ion:164 Resp: 2238
Ion Ratio Lower Upper
164 100
166 89.4 91.6 137.4#
129 64.8 79.0 118.4#
131 77.2 77.6 116.4#





#53
Toluene
Concen: 0.275 ppbv m
RT: 6.939 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

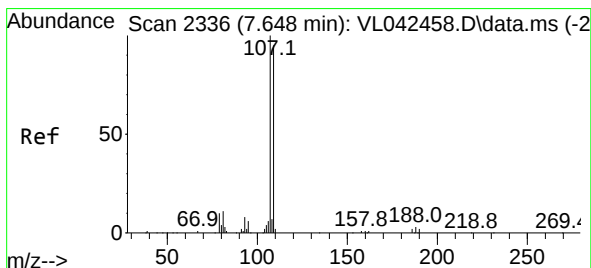
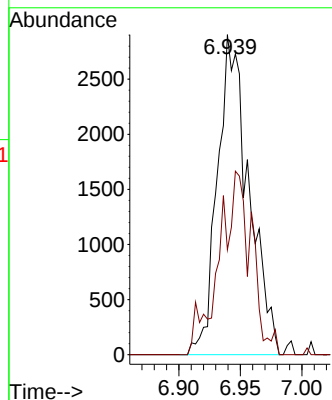
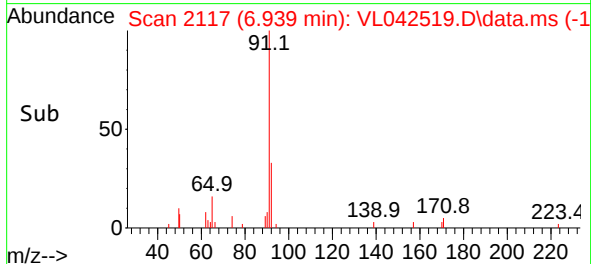
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



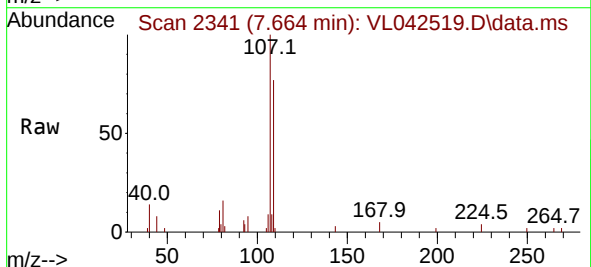
Tgt Ion: 91 Resp: 5149
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

Manual Integrations
APPROVED

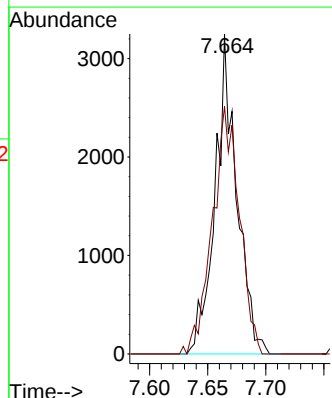
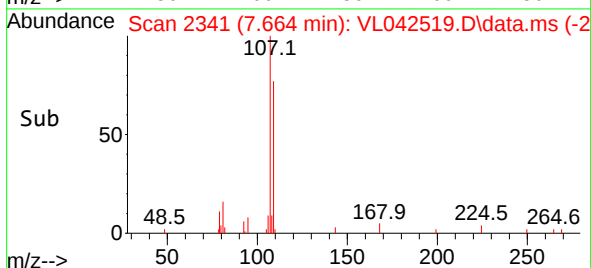
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

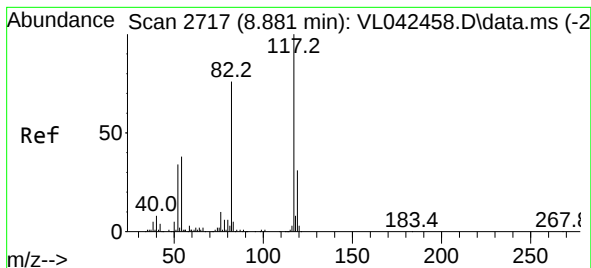


#54
1,2-Dibromoethane
Concen: 0.380 ppbv m
RT: 7.664 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



Tgt Ion:107 Resp: 4219
Ion Ratio Lower Upper
107 100
109 77.4 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: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

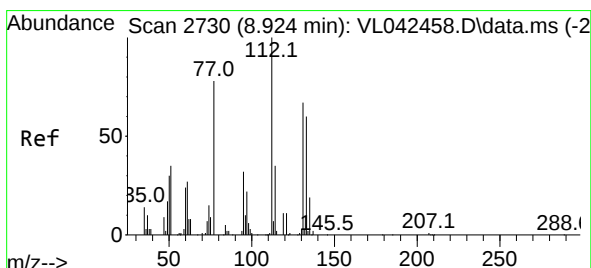
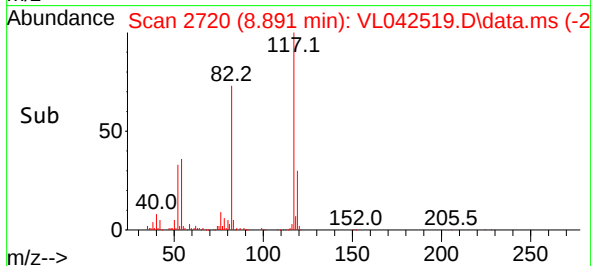
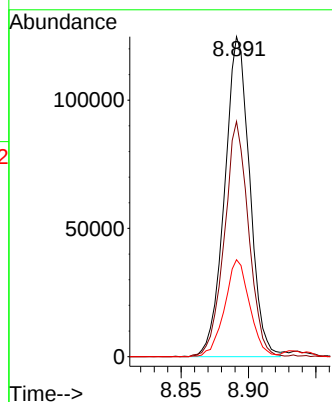
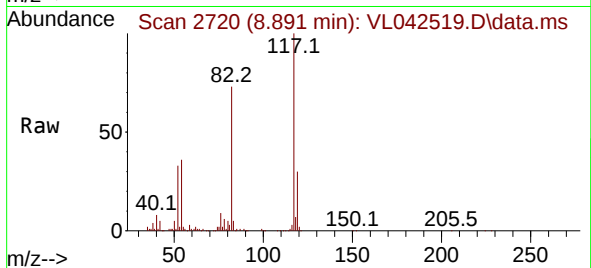
MDL2 0.40

Tgt Ion:	117	Resp:	16118
Ion Ratio	Lower	Upper	
117	100		
82	71.4	63.5	95.3
119	30.4	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: 0.537 ppbv

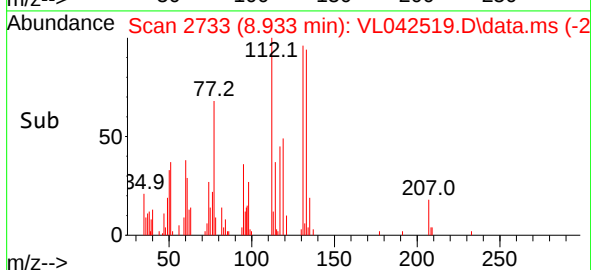
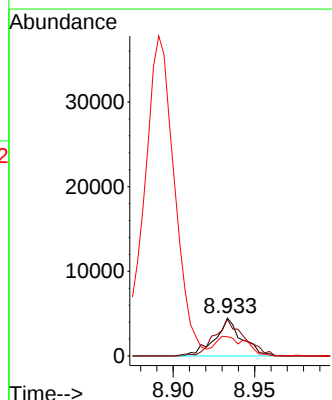
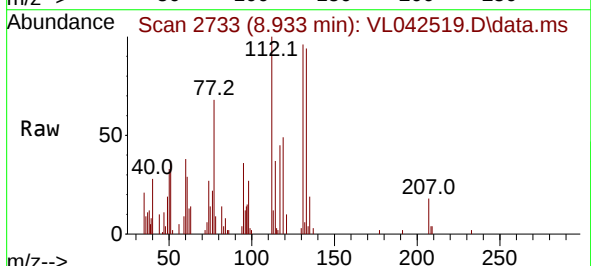
RT: 8.933 min Scan# 2733

Delta R.T. 0.010 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Tgt Ion:	131	Resp:	5109
Ion Ratio	Lower	Upper	
131	100		
133	107.2	76.0	114.0
119	49.8	46.1	69.1





#57

Chlorobenzene

Concen: 0.474 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042519.D

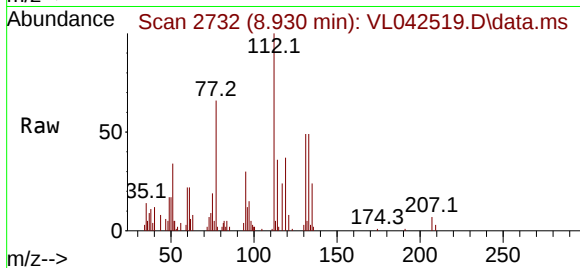
Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

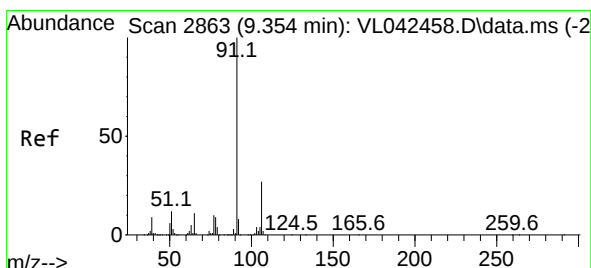
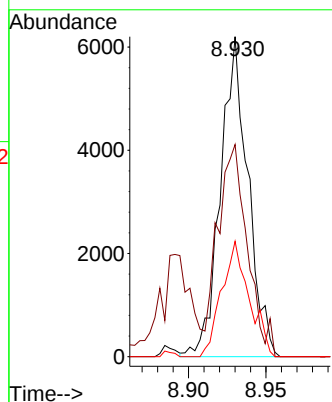
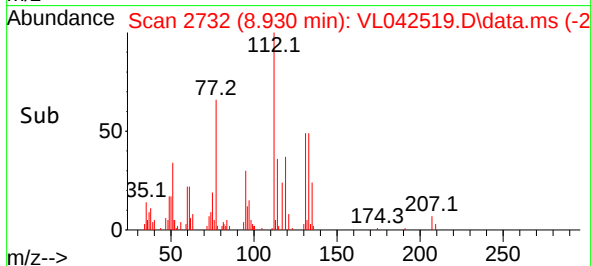


Tgt Ion	Ratio	Lower	Upper
112	100		
77	66.3	65.0	97.4
114	36.0	27.5	33.7

Manual Integrations

APPROVED

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



#58

Ethyl Benzene

Concen: 0.248 ppbv m

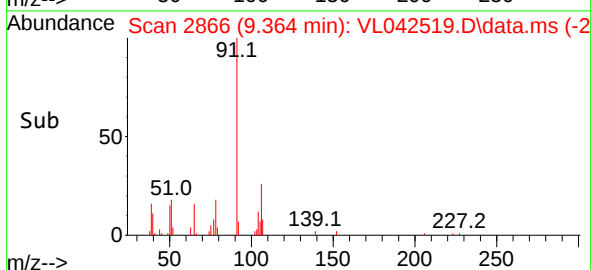
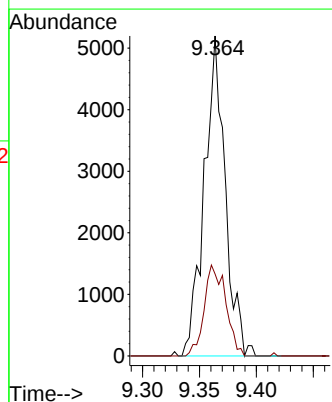
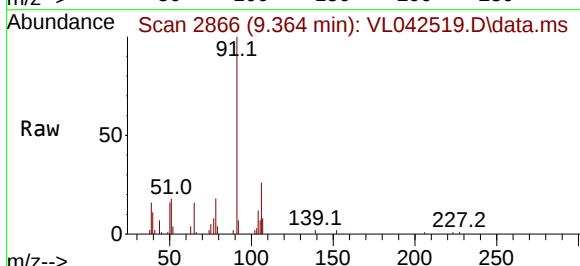
RT: 9.364 min Scan# 2866

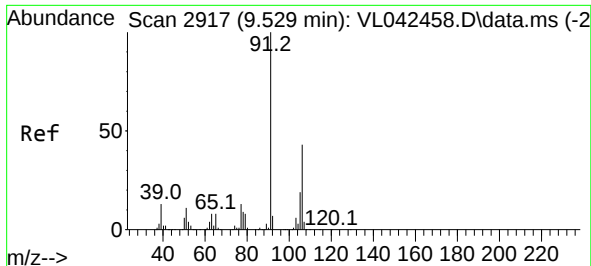
Delta R.T. 0.010 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	25.6	21.9	32.9





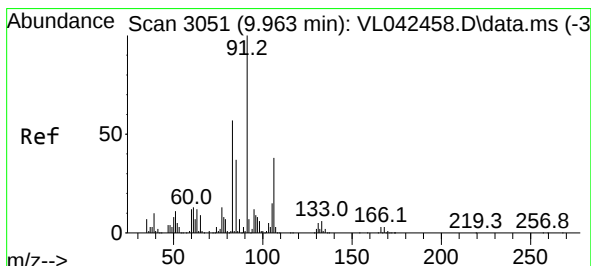
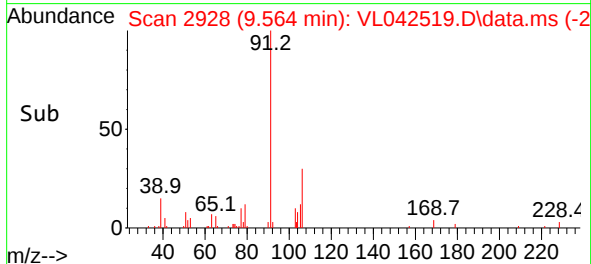
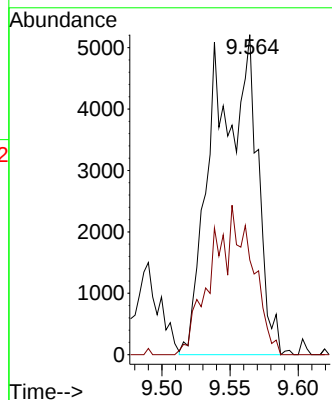
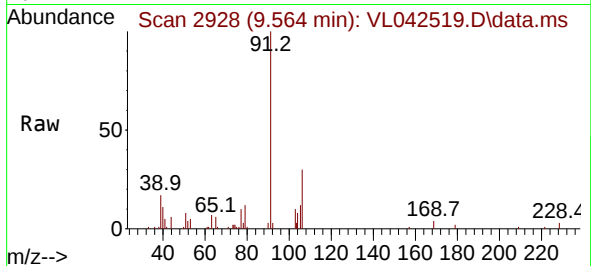
#59
m/p-Xylene
Concen: 0.502 ppbv m
RT: 9.564 min Scan# 2917
Delta R.T. 0.036 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40

Tgt Ion: 91 Resp: 11320
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2

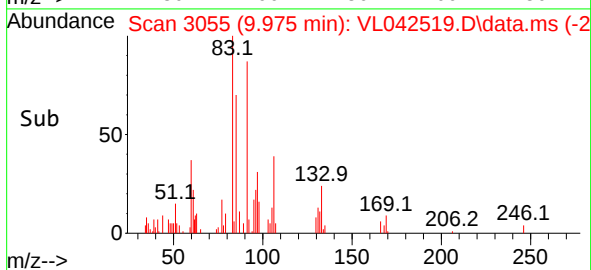
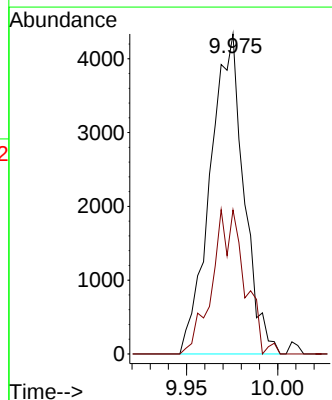
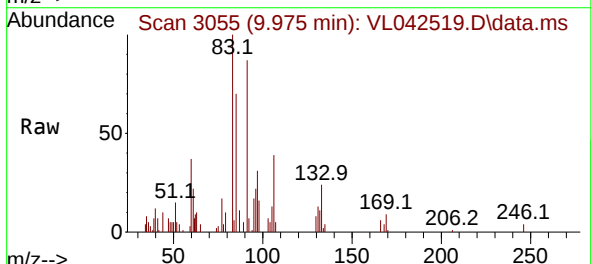
Manual Integrations
APPROVED

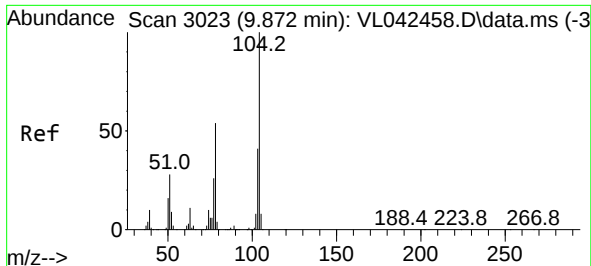
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#60
o-Xylene
Concen: 0.247 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

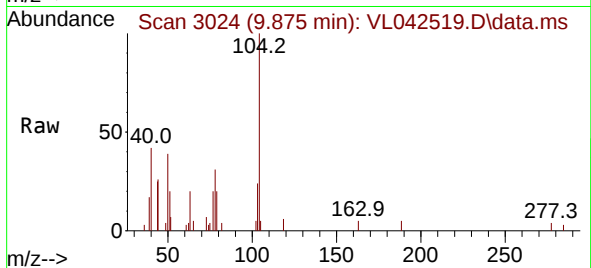
Tgt Ion: 91 Resp: 5583
Ion Ratio Lower Upper
91 100
106 43.3 20.1 60.2





#61
Styrene
Concen: 0.222 ppbv
RT: 9.875 min Scan# 3023
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

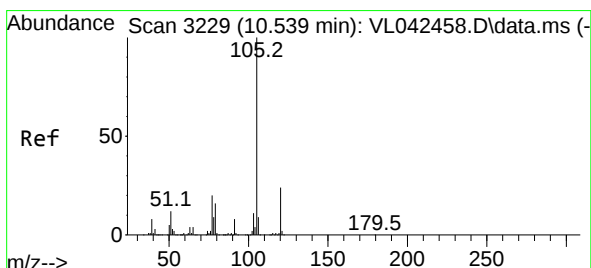
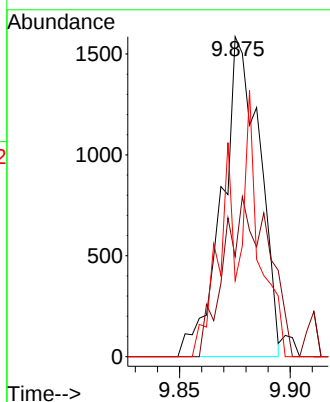
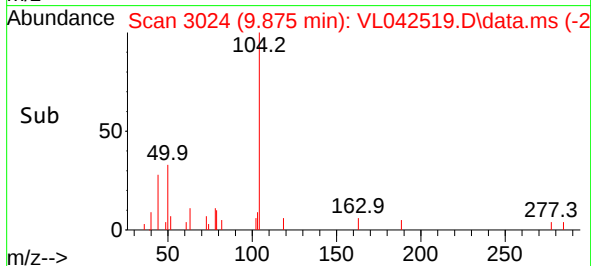
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



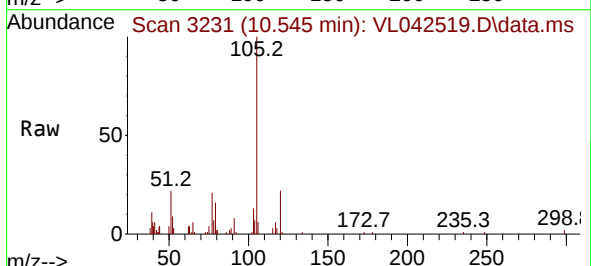
Tgt Ion:104 Resp: 1870
Ion Ratio Lower Upper
104 100
78 63.4 46.9 70.3
103 63.3 36.6 55.0

Manual Integrations
APPROVED

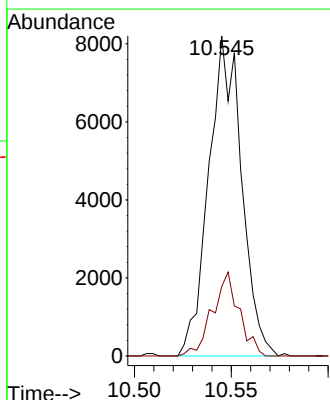
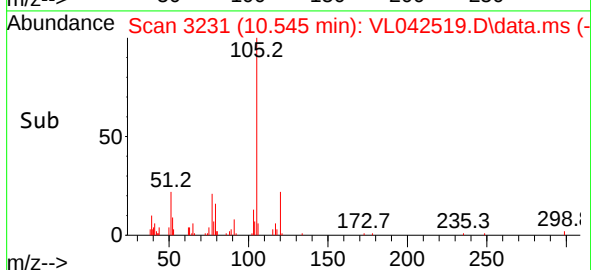
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

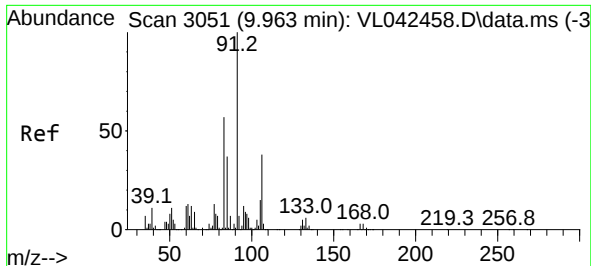


#62
Isopropylbenzene
Concen: 0.296 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



Tgt Ion:105 Resp: 9659
Ion Ratio Lower Upper
105 100
120 21.3 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 0.486 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

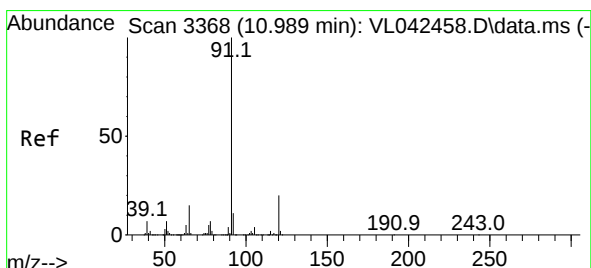
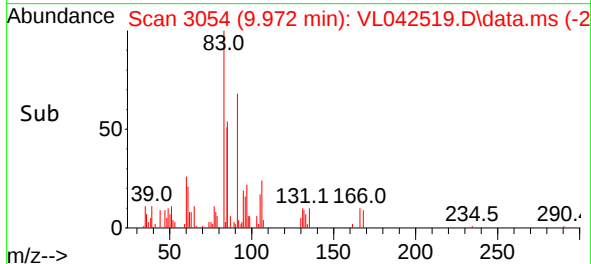
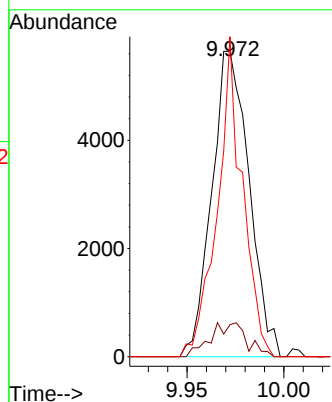
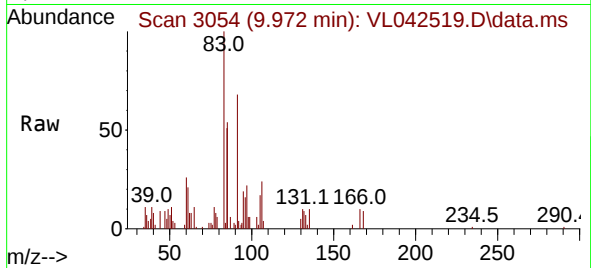
Tgt Ion: 83	Resp: 7570
Ion Ratio	Lower Upper
83 100	
131 10.8	4.7 14.1
85 70.7	32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#64

n-propylbenzene

Concen: 0.213 ppbv m

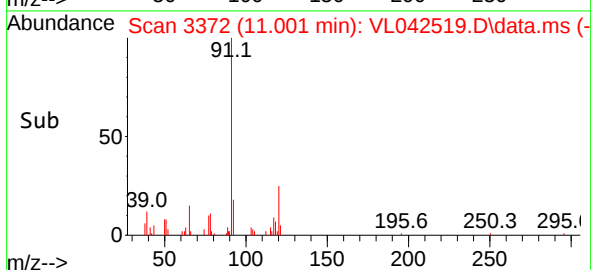
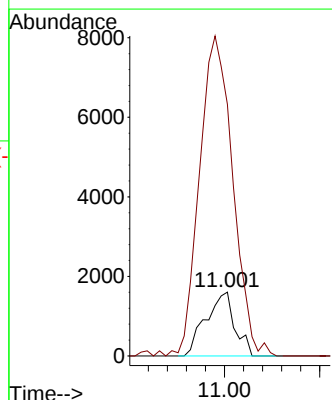
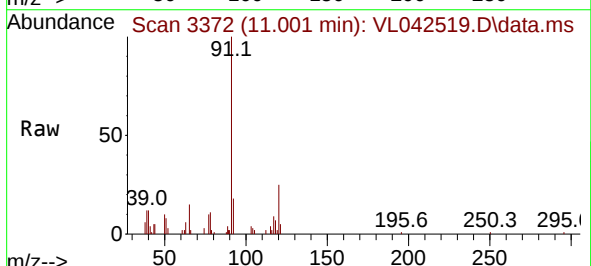
RT: 11.001 min Scan# 3372

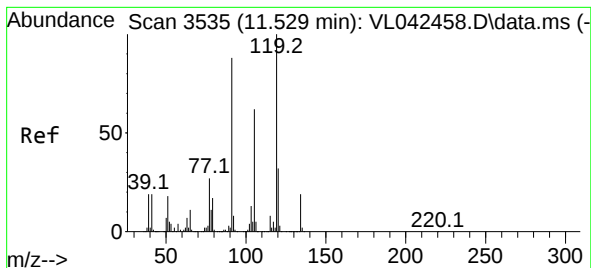
Delta R.T. 0.013 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Tgt Ion:120	Resp: 1695
Ion Ratio	Lower Upper
120 100	
91 580.2	408.6 612.8





#65

tert-Butylbenzene

Concen: 0.257 ppbv

RT: 11.536 min Scan# 3535

Delta R.T. 0.006 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

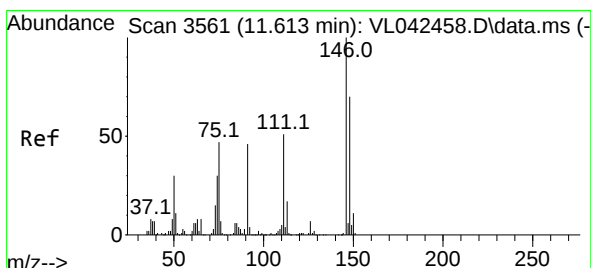
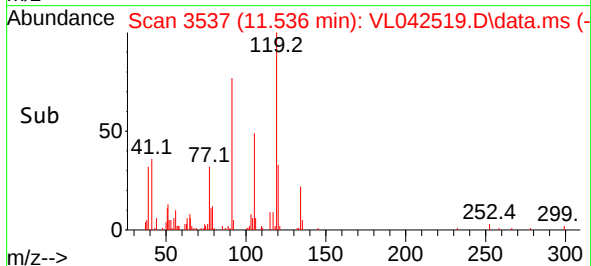
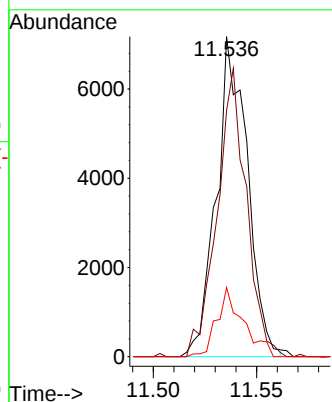
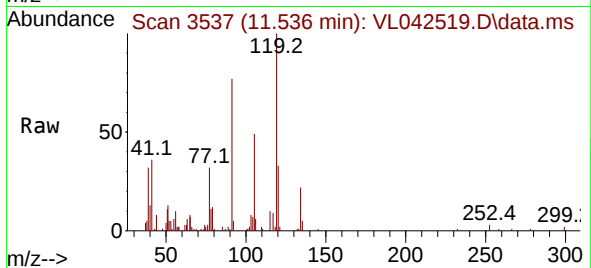
MDL2 0.40

Tgt Ion:	119	Resp:	747
Ion Ratio	Lower	Upper	
119	100		
91	84.9	71.6	107.4
134	18.3	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: 0.430 ppbv m

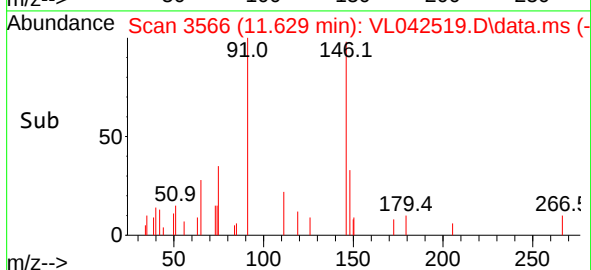
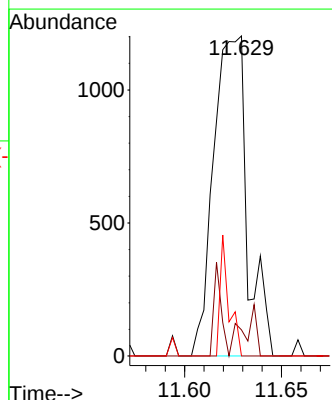
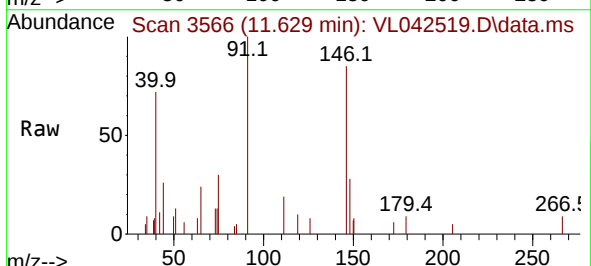
RT: 11.629 min Scan# 3566

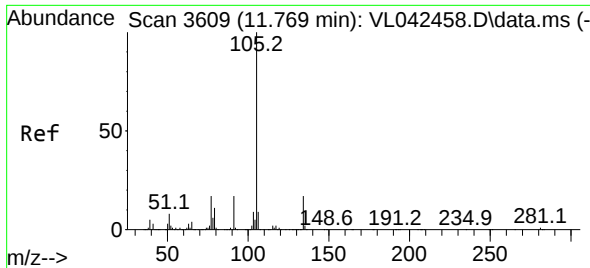
Delta R.T. 0.016 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

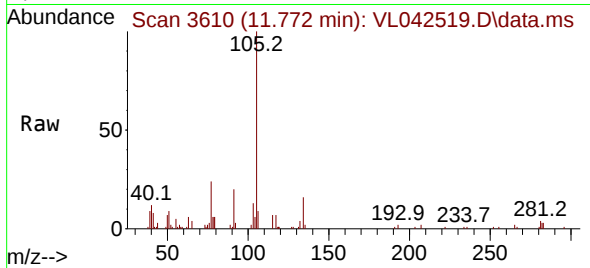
Tgt Ion:	91	Resp:	1447
Ion Ratio	Lower	Upper	
91	100		
126	0.0	13.3	19.9#
128	0.0	4.2	6.4#





#67
 sec-Butylbenzene
 Concen: 0.269 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

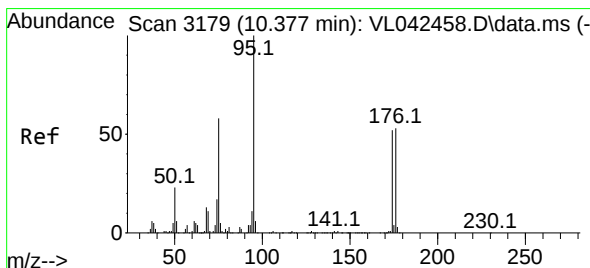
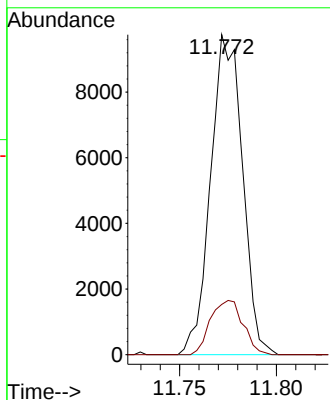
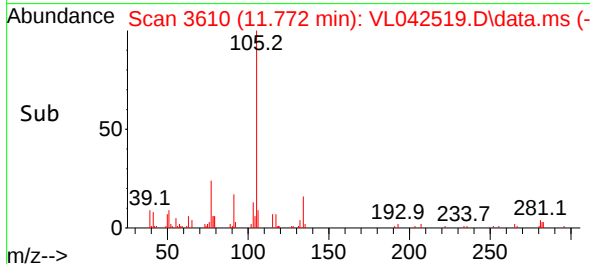
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40



Tgt Ion:105 Resp: 1113
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.1 21.1

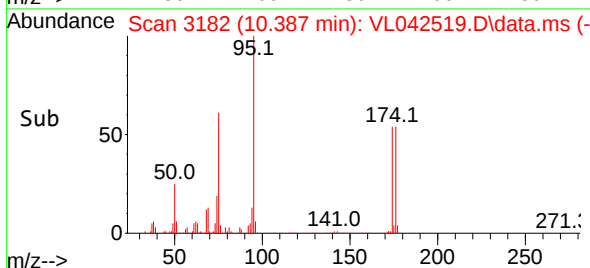
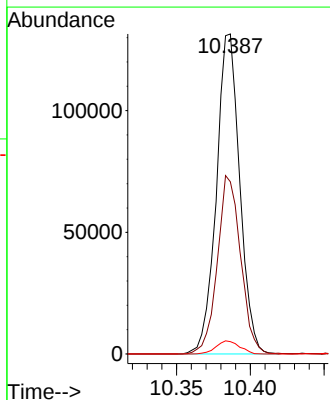
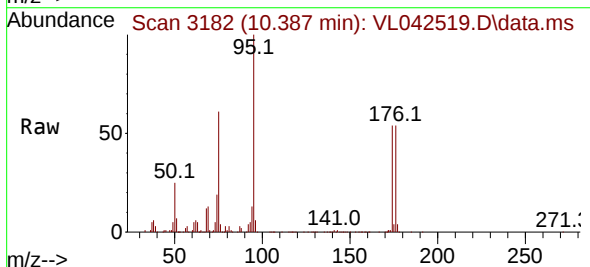
Manual Integrations
 APPROVED

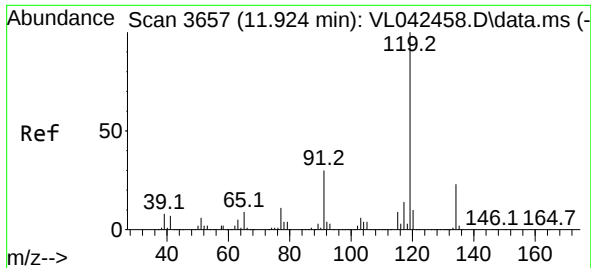
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.701 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.010 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

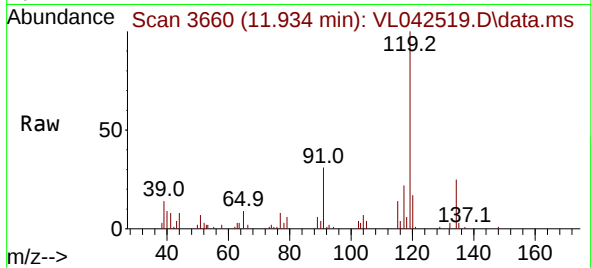
Tgt Ion: 95 Resp: 144968
 Ion Ratio Lower Upper
 95 100
 174 55.6 42.7 64.1
 175 4.1 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.224 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

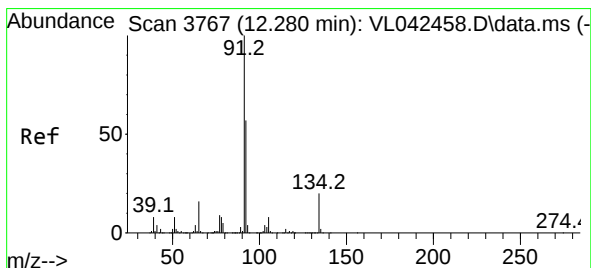
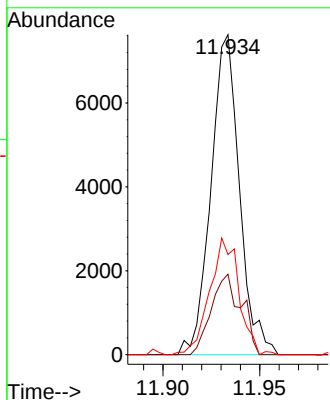
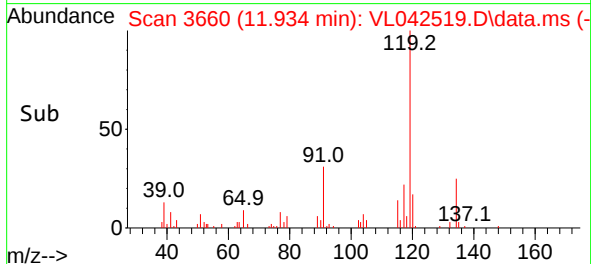
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



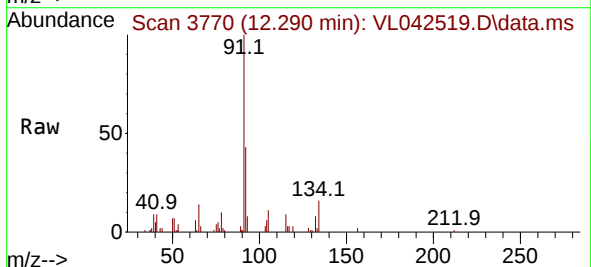
Tgt Ion: 119 Resp: 7811
Ion Ratio Lower Upper
119 100
134 26.4 19.0 28.4
91 37.9 25.5 38.3

Manual Integrations
APPROVED

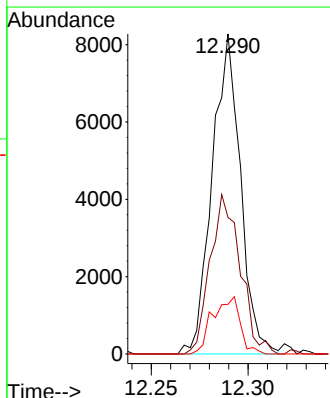
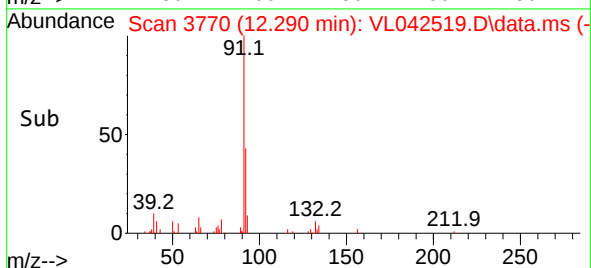
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

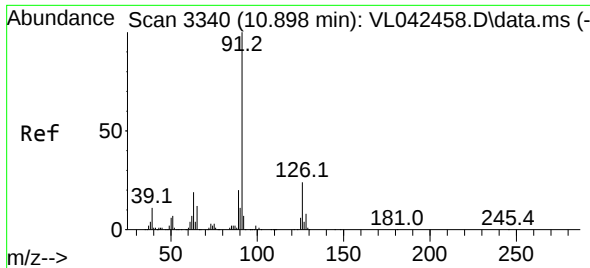


#70
n-Butylbenzene
Concen: 0.233 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.010 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



Tgt Ion: 91 Resp: 8399
Ion Ratio Lower Upper
91 100
92 53.6 44.0 66.0
134 17.4 16.8 25.2





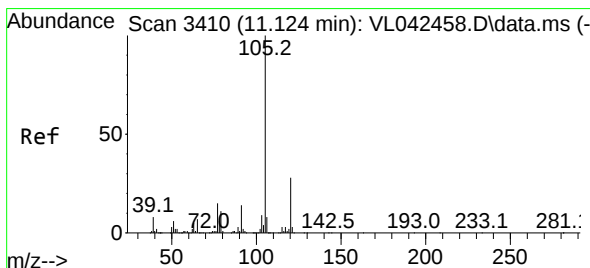
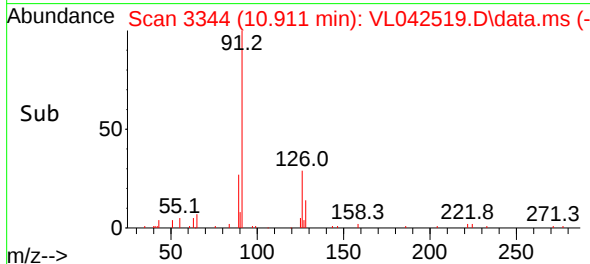
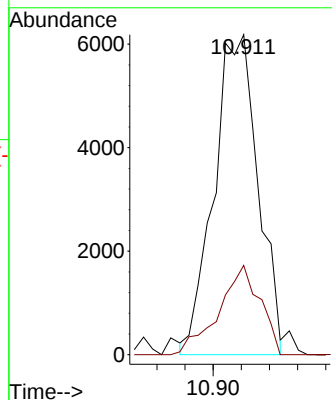
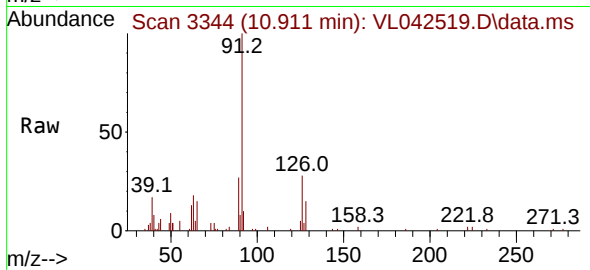
#71
2-Chlorotoluene
Concen: 0.263 ppbv
RT: 10.911 min Scan# 311
Delta R.T. 0.013 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40

Tgt Ion: 91 Resp: 671
Ion Ratio Lower Upper
91 100
126 26.2 10.6 42.2

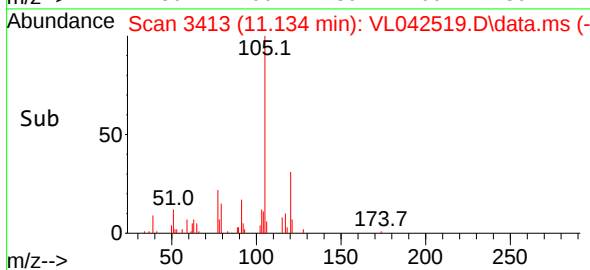
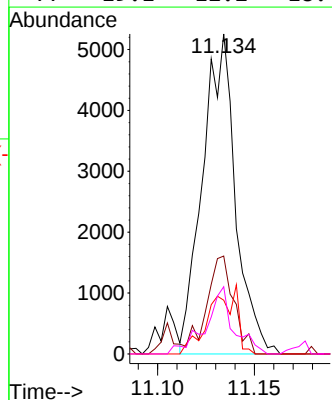
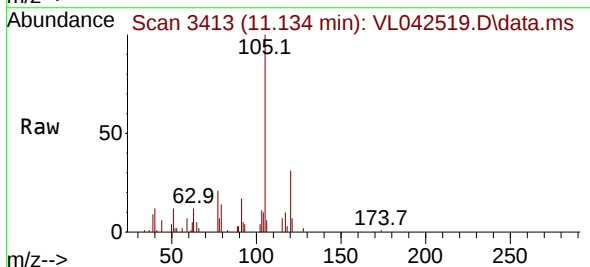
Manual Integrations
APPROVED

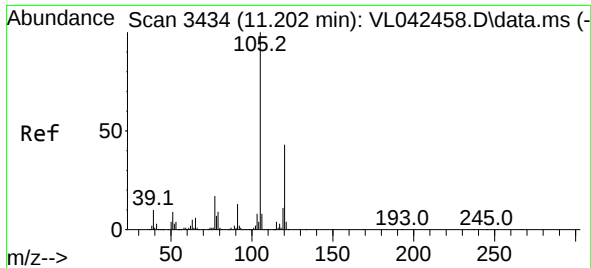
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.233 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.010 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

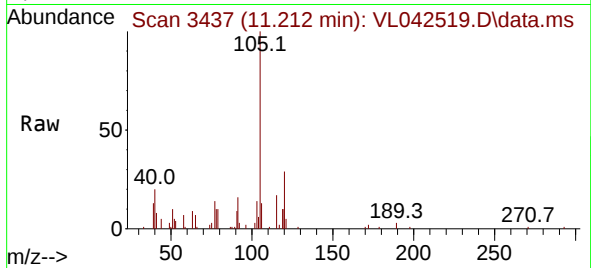
Tgt Ion:105 Resp: 6202
Ion Ratio Lower Upper
105 100
120 29.3 22.0 33.0
91 17.7 11.2 16.8#
77 19.1 12.2 18.4#





#73
1,3,5-Trimethylbenzene
Concen: 0.232 ppbv
RT: 11.212 min Scan# 3437
Delta R.T. 0.010 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

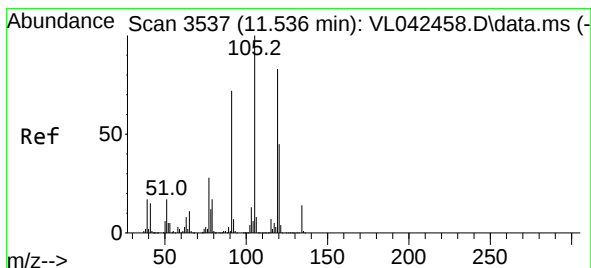
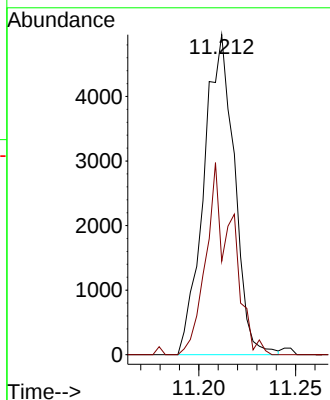
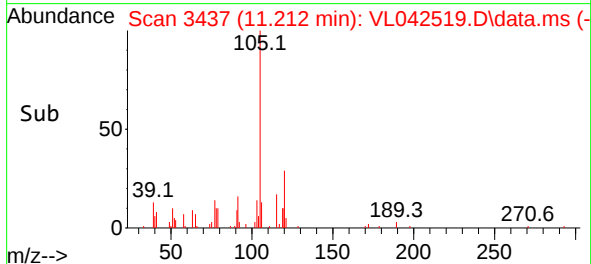
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



Tgt Ion:105 Resp: 544
Ion Ratio Lower Upper
105 100
120 29.2 34.4 51.6

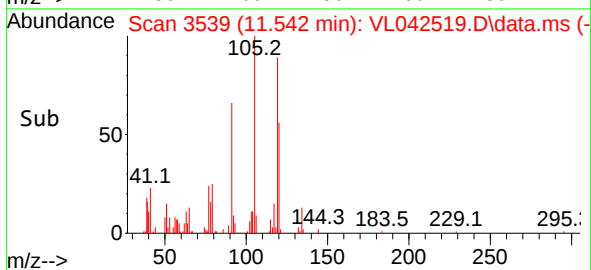
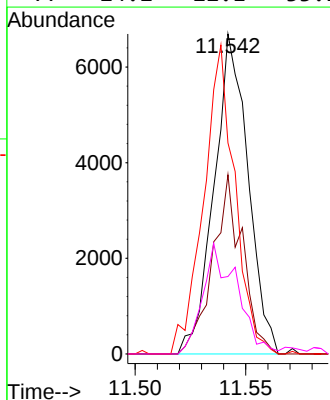
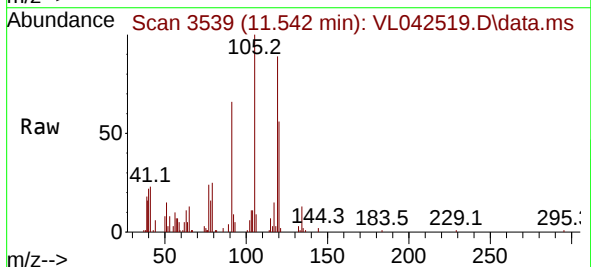
Manual Integrations
APPROVED

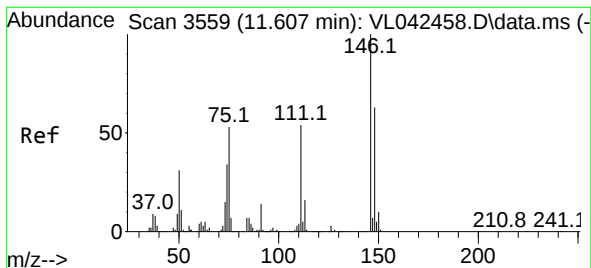
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.252 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

Tgt Ion:105 Resp: 7142
Ion Ratio Lower Upper
105 100
120 56.0 36.1 54.1#
91 66.0 57.6 86.4
77 24.2 22.1 33.1





#75

1,3-Dichlorobenzene

Concen: 0.394 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.006 min

Lab File: VL042519.D

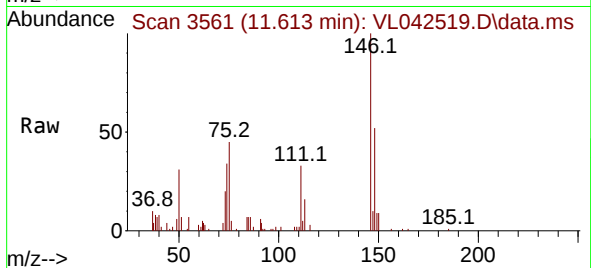
Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.40

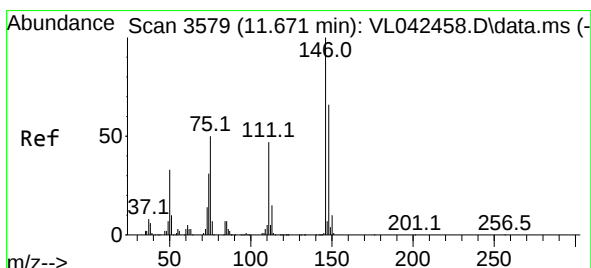
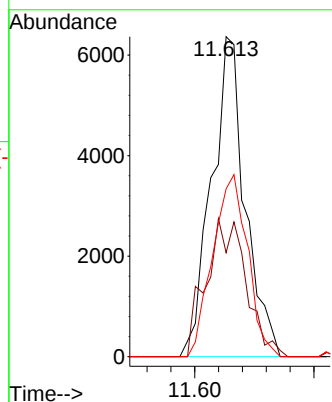
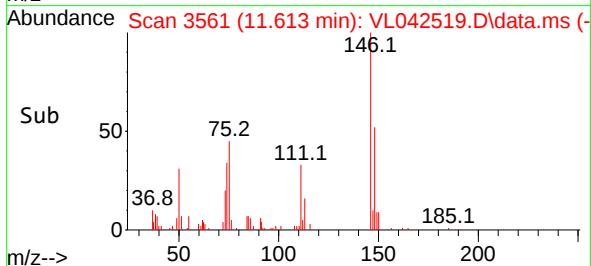


Tgt Ion:	146	Resp:	6210
Ion Ratio	Lower	Upper	
146	100		
111	51.2	26.1	78.3
148	59.1	32.0	96.0

Manual Integrations

APPROVED

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



#76

1,4-Dichlorobenzene

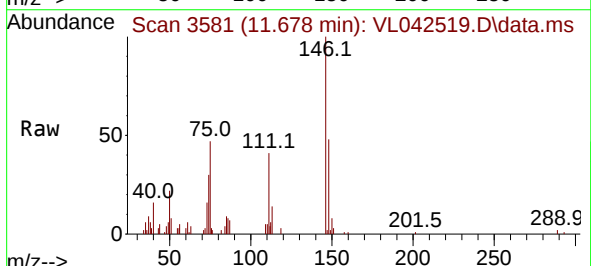
Concen: 0.350 ppbv

RT: 11.678 min Scan# 3581

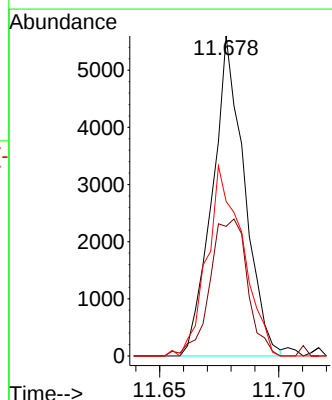
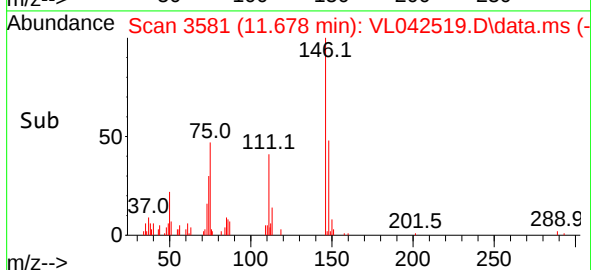
Delta R.T. 0.006 min

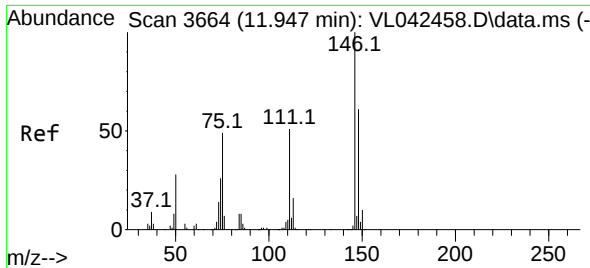
Lab File: VL042519.D

Acq: 07 May 2025 15:37



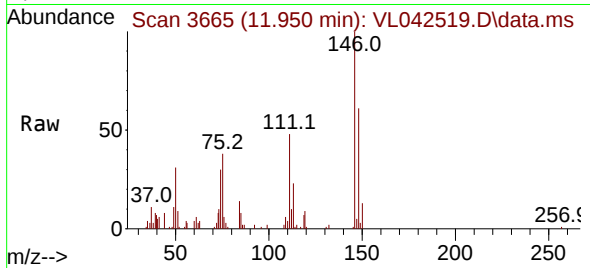
Tgt Ion:	146	Resp:	5235
Ion Ratio	Lower	Upper	
146	100		
111	50.8	24.4	73.2
148	65.9	32.0	96.2





#77
1,2-Dichlorobenzene
Concen: 0.391 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37

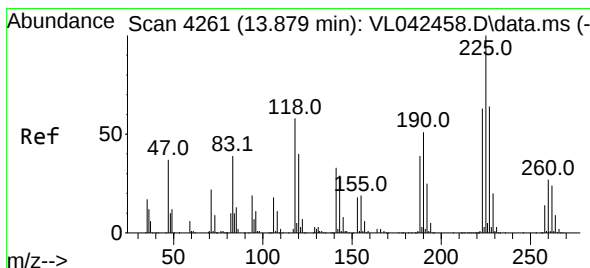
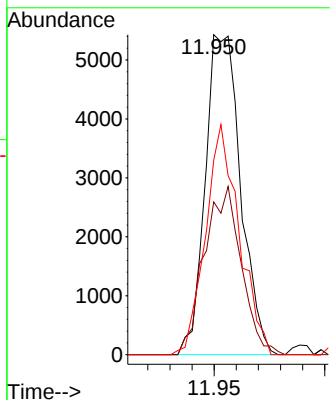
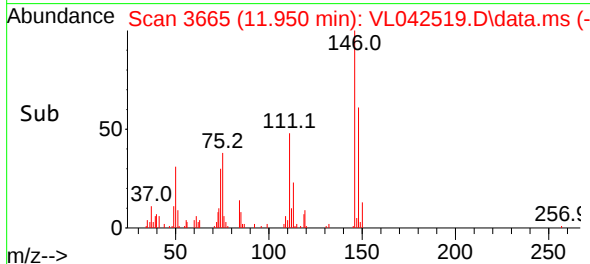
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.40



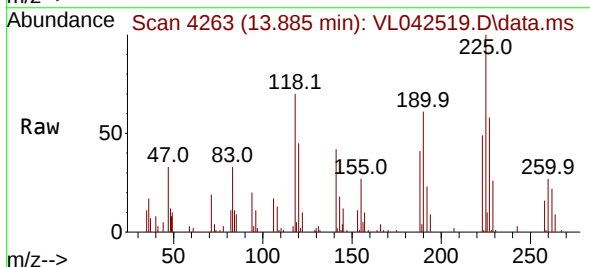
Tgt Ion:146 Resp: 6050
Ion Ratio Lower Upper
146 100
111 54.6 26.5 79.5
148 68.1 31.5 94.5

Manual Integrations
APPROVED

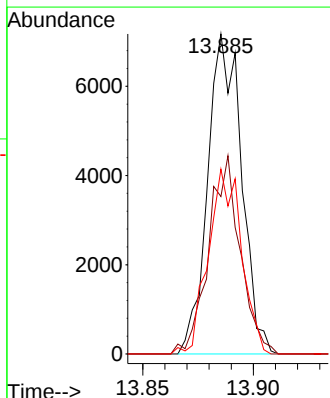
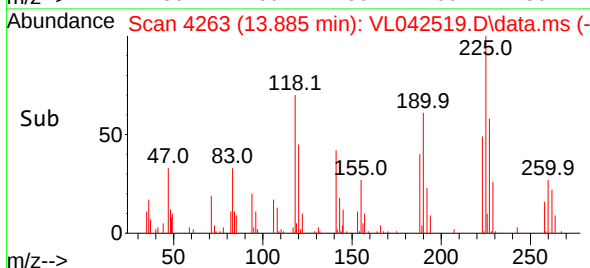
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

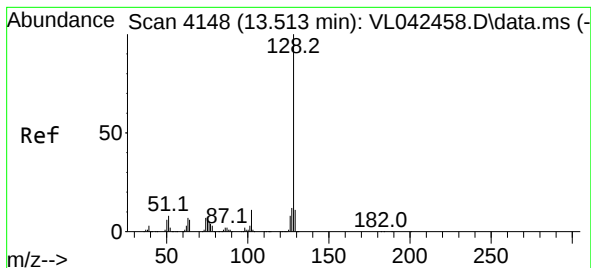


#78
Hexachloro-1,3-Butadiene
Concen: 0.493 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.006 min
Lab File: VL042519.D
Acq: 07 May 2025 15:37



Tgt Ion:225 Resp: 7614
Ion Ratio Lower Upper
225 100
223 57.6 50.2 75.4
227 56.7 51.2 76.8





#79

Naphthalene

Concen: 0.185 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. 0.010 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

Instrument :

MSVOA_L

ClientSampleId :

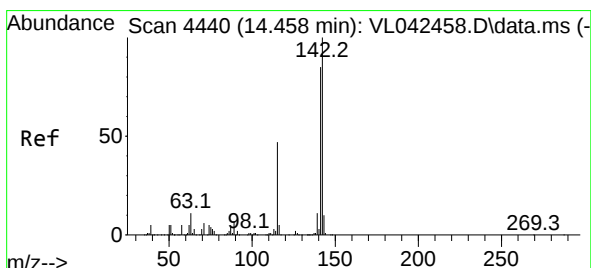
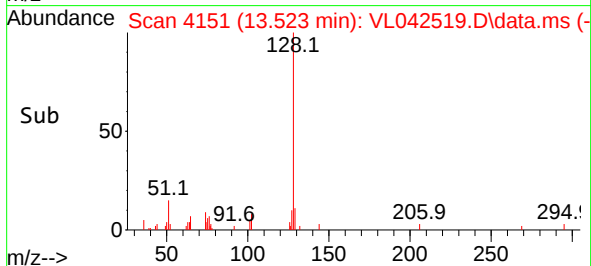
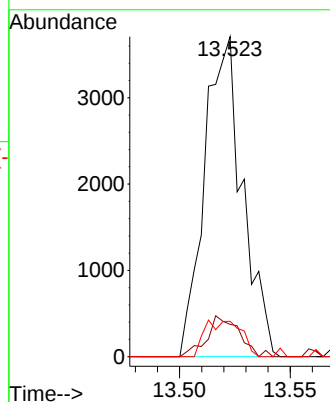
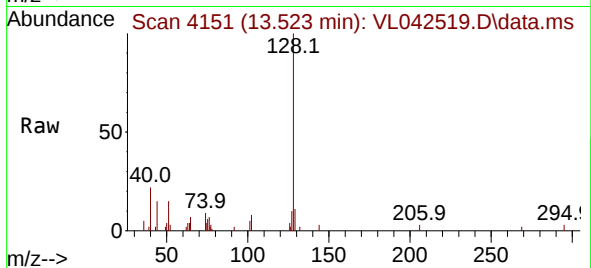
MDL2 0.40

Tgt Ion:128	Resp:	4420
Ion Ratio	Lower	Upper
128	100	
127	10.1	9.7 14.5
129	11.1	8.6 13.0

Manual Integrations

APPROVED

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



#80

Naphthalene,2-methyl-

Concen: 0.033 ppbv

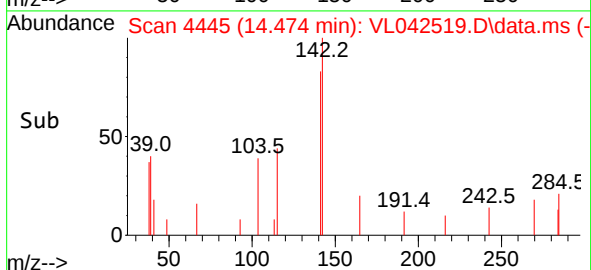
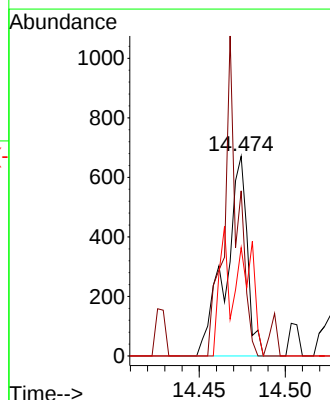
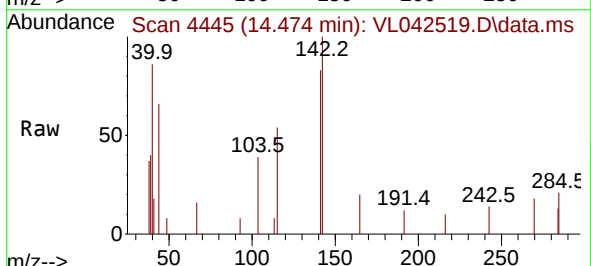
RT: 14.474 min Scan# 4445

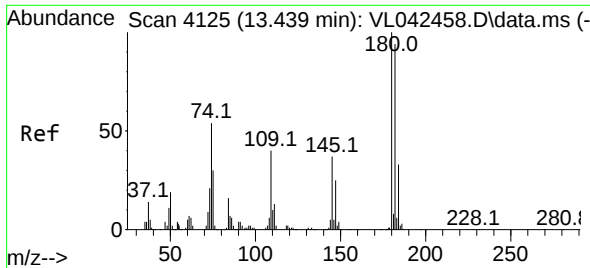
Delta R.T. 0.016 min

Lab File: VL042519.D

Acq: 07 May 2025 15:37

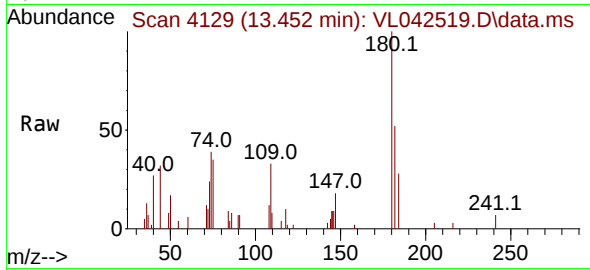
Tgt Ion:142	Resp:	588
Ion Ratio	Lower	Upper
142	100	
141	109.7	67.4 101.0#
115	70.2	36.9 55.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.183 ppbv
 RT: 13.452 min Scan# 4129
 Delta R.T. 0.013 min
 Lab File: VL042519.D
 Acq: 07 May 2025 15:37

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.40



Tgt Ion:	180	Resp:	233
Ion	Ratio	Lower	Upper
180	100		
182	117.2	74.6	111.8
184	37.7	24.9	37.3

Manual Integrations
 APPROVED

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

