

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042497.D
 Acq On : 06 May 2025 15:29
 Operator : SY/MD
 Sample : MDL3 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

Quant Time: May 07 01:41:37 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)

Internal Standards						
1) Bromochloromethane	2.797	49	67149	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	175094	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	146510	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	143269	10.547	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	6699	0.603	ppbv	96
3) Chlorodifluoromethane	1.479	51	6487	0.552	ppbv	93
4) Chloromethane	1.534	50	2936	0.632	ppbv #	74
5) Vinyl Chloride	1.583	62	2599	0.556	ppbv	97
6) Bromomethane	1.670	94	1459	0.660	ppbv #	61
7) Chloroethane	1.709	64	966	0.559	ppbv #	84
8) Dichlorotetrafluoroethane	1.557	85	5750	0.628	ppbv	94
9) Propene	1.486	41	1592	0.414	ppbv #	82
10) Heptane	4.994	43	4043m	0.406	ppbv	
11) Trichlorofluoromethane	1.884	101	6089	0.594	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.146	101	5312	0.649	ppbv	98
13) Ethanol	1.729	45	788m	1.010	ppbv	
14) Bromoethene	1.784	108	1924	0.637	ppbv #	89
15) Acetone	1.842	43	7859	0.641	ppbv #	89
16) 1,3-Butadiene	1.615	39	3011	0.557	ppbv	99
17) tert-Butyl alcohol	2.049	59	5716	0.529	ppbv #	85
18) 1,1-Dichloroethene	2.043	96	2227	0.583	ppbv #	87
19) Isopropyl Alcohol	1.894	45	3463	0.510	ppbv #	93
20) Methylene Chloride	2.065	84	2653	0.720	ppbv	98
21) Allyl Chloride	2.104	41	4390	0.557	ppbv	89
22) trans-1,2-Dichloroethene	2.350	96	2484	0.556	ppbv #	80
23) Vinyl Acetate	2.470	43	5617	0.480	ppbv #	93
24) 1,1-Dichloroethane	2.415	63	5025	0.552	ppbv #	85
25) Ethyl Acetate	2.849	43	8587m	0.438	ppbv	
26) Hexane	2.829	57	3384	0.396	ppbv #	84
27) Carbon Disulfide	2.159	76	5150	0.516	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	3132	0.610	ppbv	94
29) Chloroform	2.858	83	8527	0.532	ppbv	99
30) Cyclohexane	3.862	84	2628m	0.368	ppbv	
31) cis-1,2-Dichloroethene	2.732	61	4407m	0.442	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	8445	0.486	ppbv	99
34) 2-Butanone	2.567	43	6548	0.517	ppbv	100
35) Carbon Tetrachloride	3.774	117	9078	0.571	ppbv	92
36) Benzene	3.667	78	7205	0.436	ppbv #	83
37) 1,2-Dichloroethane	3.227	62	7357m	0.578	ppbv	
38) Trichloroethene	4.561	130	3598m	0.571	ppbv	
39) 1,2-Dichloropropane	4.337	63	3266m	0.528	ppbv	
40) 1,4-Dioxane	4.616	88	1384m	0.478	ppbv	
41) Tetrahydrofuran	3.078	42	2128m	0.354	ppbv	
42) Bromodichloromethane	4.512	83	8270	0.531	ppbv #	86
43) Methyl Methacrylate	4.901	69	2388m	0.387	ppbv	
44) 2,2,4-Trimethylpentane	4.651	57	10990m	0.410	ppbv	
45) t-1,3-Dichloropropene	6.444	75	3118m	0.385	ppbv	

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Instrument :
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 ClientSampleId :
 MDL3 0.45

Manual Integrations
 APPROVED

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

Quant Time: May 07 01:41:37 2025

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

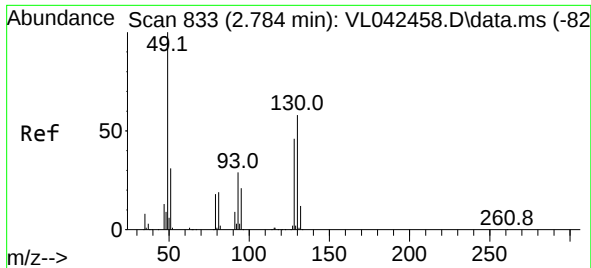
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	5.629	75	3780m	0.393	ppbv	
47) 1,1,2-Trichloroethane	6.600	97	3646m	0.537	ppbv	
48) Dibromochloromethane	7.402	129	5551m	0.485	ppbv	
49) Bromoform	9.497	173	4788m	0.498	ppbv	
50) 4-Methyl-2-Pentanone	5.784	43	6563m	0.410	ppbv	
51) 2-Hexanone	7.464	43	4509m	0.352	ppbv	
52) Tetrachloroethene	8.238	164	2881	0.458	ppbv #	84
53) Toluene	6.959	91	5756m	0.329	ppbv	
54) 1,2-Dibromoethane	7.678	107	4908m	0.473	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.937	131	5420m	0.626	ppbv	
57) Chlorobenzene	8.937	112	8109	0.551	ppbv #	80
58) Ethyl Benzene	9.364	91	7966m	0.325	ppbv	
59) m/p-Xylene	9.548	91	14019m	0.683	ppbv	
60) o-Xylene	9.972	91	6747	0.328	ppbv	98
61) Styrene	9.882	104	2197m	0.286	ppbv	
62) Isopropylbenzene	10.549	105	10778	0.364	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.976	83	7418m	0.524	ppbv	
64) n-propylbenzene	11.002	120	2689	0.371	ppbv	87
65) tert-Butylbenzene	11.539	119	8871	0.335	ppbv	99
67) sec-Butylbenzene	11.778	105	13100	0.348	ppbv	97
69) p-Isopropyltoluene	11.937	119	9527	0.301	ppbv #	89
70) n-Butylbenzene	12.290	91	9888	0.302	ppbv	90
71) 2-Chlorotoluene	10.914	91	7782	0.335	ppbv	96
72) 4-Ethyltoluene	11.138	105	7467	0.308	ppbv #	84
73) 1,3,5-Trimethylbenzene	11.212	105	7226	0.339	ppbv #	85
74) 1,2,4-Trimethylbenzene	11.545	105	9418	0.365	ppbv	90
75) 1,3-Dichlorobenzene	11.617	146	6836	0.476	ppbv	93
76) 1,4-Dichlorobenzene	11.678	146	6114	0.450	ppbv	96
77) 1,2-Dichlorobenzene	11.956	146	7457	0.531	ppbv	95
78) Hexachloro-1,3-Butadiene	13.892	225	7573	0.540	ppbv	97
80) Naphthalene,2-methyl-	14.471	142	1745	0.108	ppbv #	86
81) 1,2,4-Trichlorobenzene	13.449	180	3803	0.329	ppbv	97

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



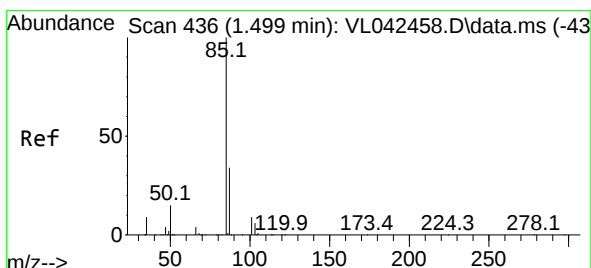
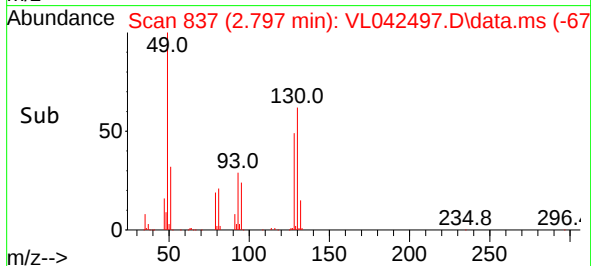
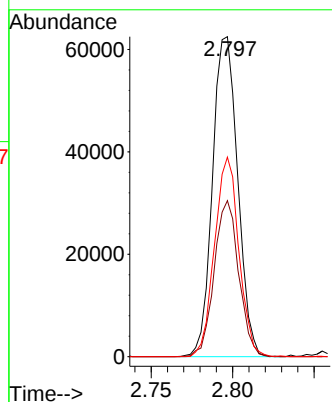
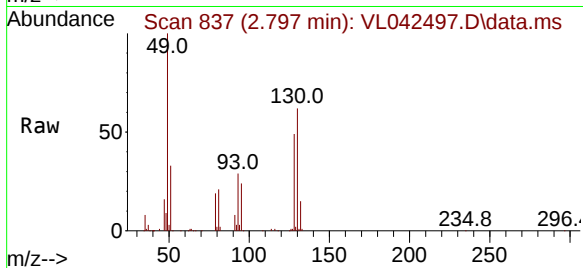
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 49 Resp: 67149
Ion Ratio Lower Upper
49 100
128 47.5 23.3 69.9
130 60.2 29.5 88.6

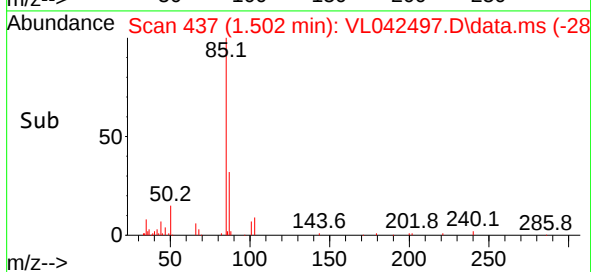
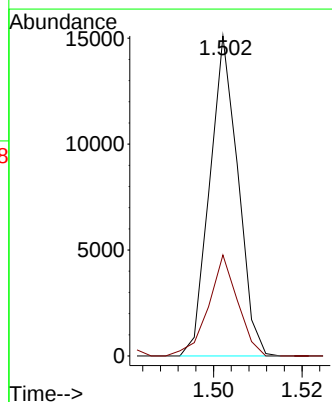
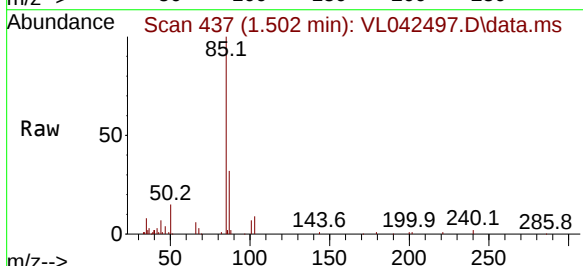
Manual Integrations
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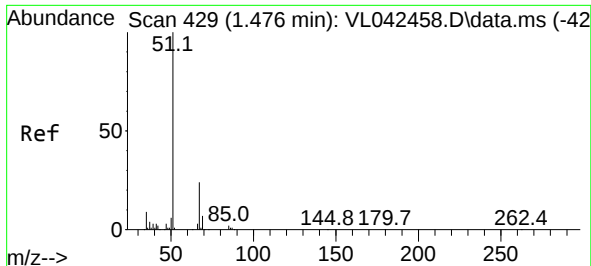
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.603 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 85 Resp: 6699
Ion Ratio Lower Upper
85 100
87 31.6 26.9 40.3





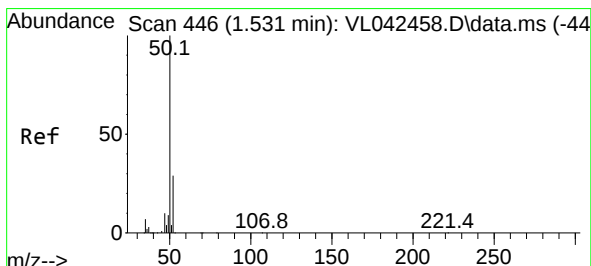
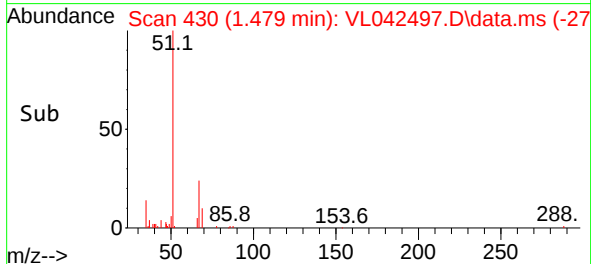
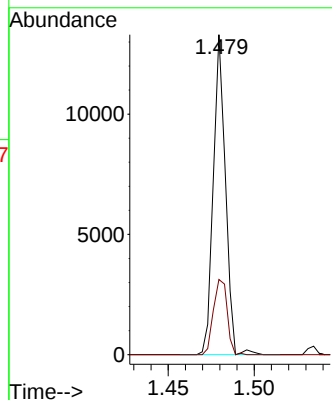
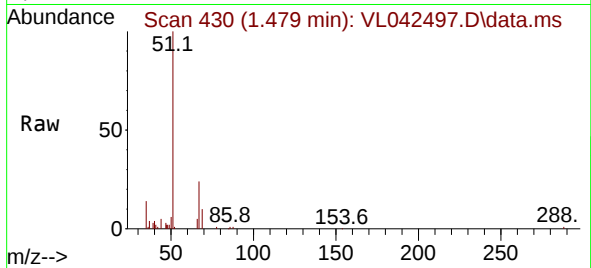
#3
Chlorodifluoromethane
Concen: 0.552 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 51 Resp: 648
Ion Ratio Lower Upper
51 100
67 26.6 18.4 27.6

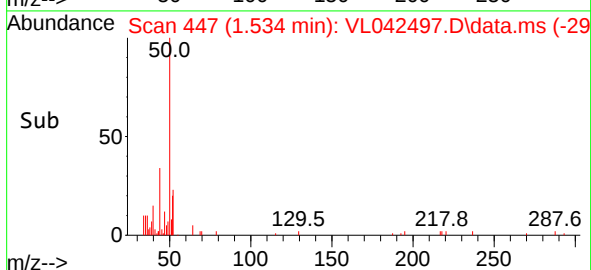
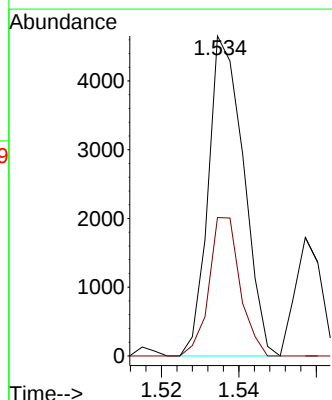
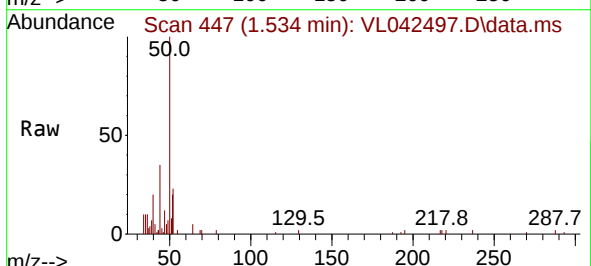
Manual Integrations
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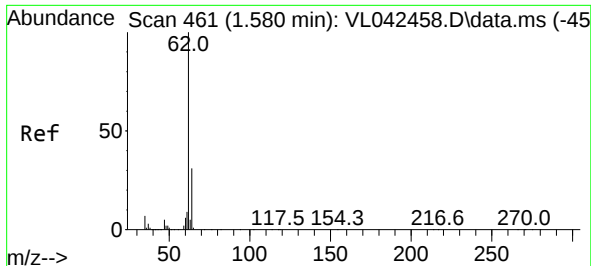
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.632 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

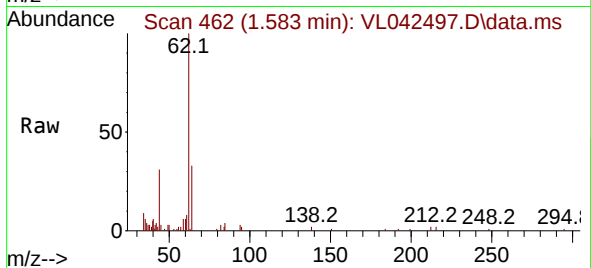
Tgt Ion: 50 Resp: 2936
Ion Ratio Lower Upper
50 100
52 43.3 23.5 35.3#





#5
 Vinyl Chloride
 Concen: 0.556 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

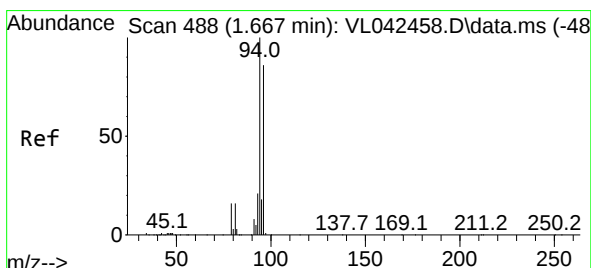
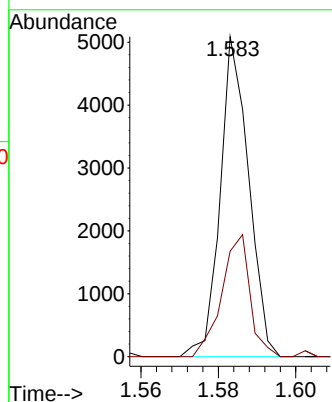
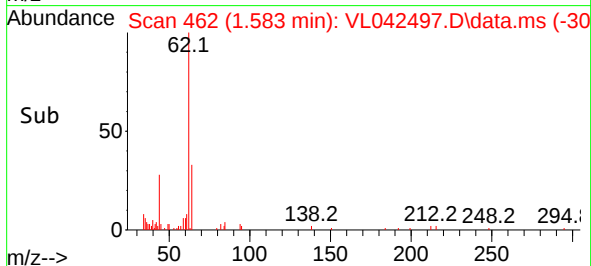
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



Tgt Ion: 62 Resp: 2599
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.9 37.3

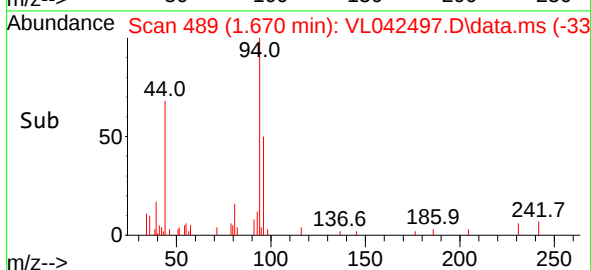
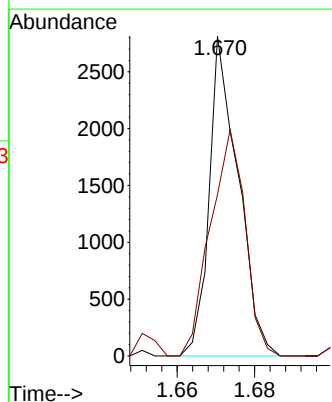
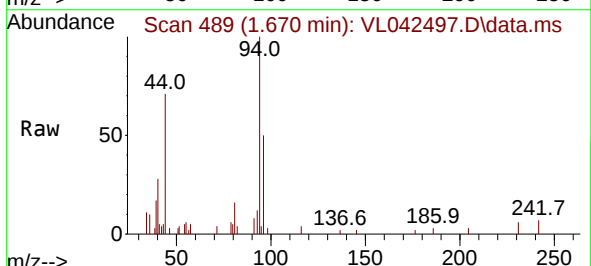
Manual Integrations
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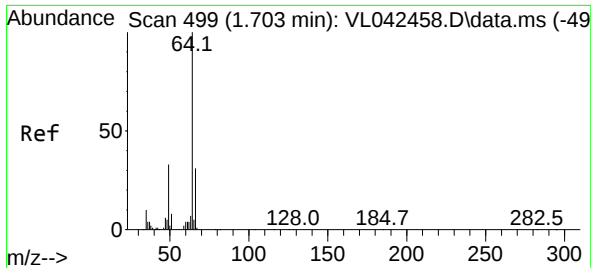
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.660 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

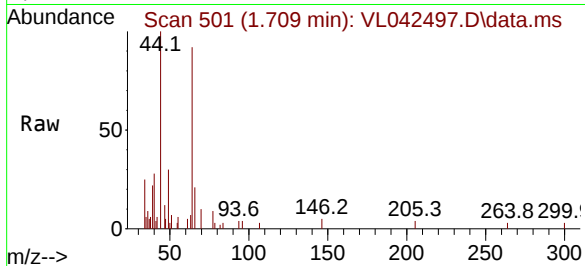
Tgt Ion: 94 Resp: 1459
 Ion Ratio Lower Upper
 94 100
 96 50.4 68.8 103.2#





#7
Chloroethane
Concen: 0.559 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

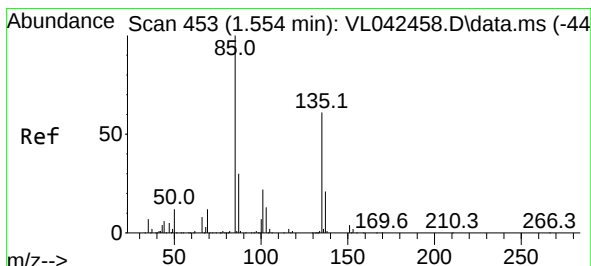
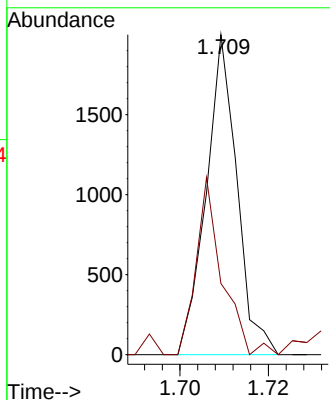
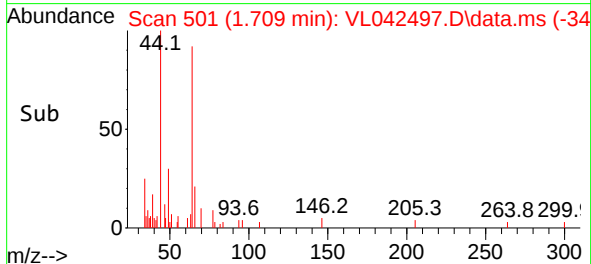
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 64 Resp: 960
Ion Ratio Lower Upper
64 100
66 22.3 25.0 37.4

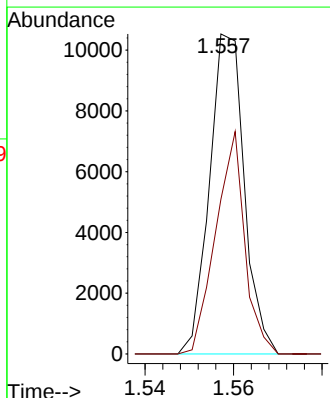
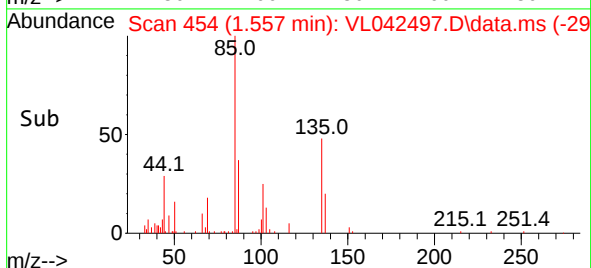
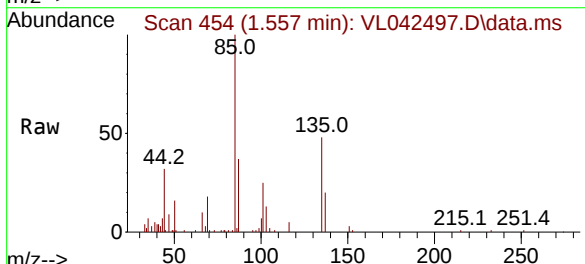
Manual Integrations
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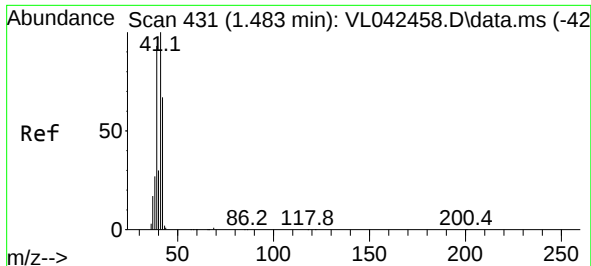
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#8
Dichlorotetrafluoroethane
Concen: 0.628 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

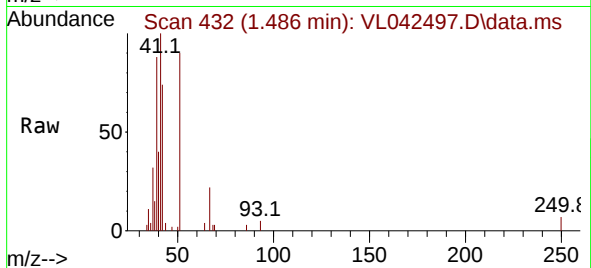
Tgt Ion: 85 Resp: 5750
Ion Ratio Lower Upper
85 100
135 58.0 49.8 74.8





#9
Propene
Concen: 0.414 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

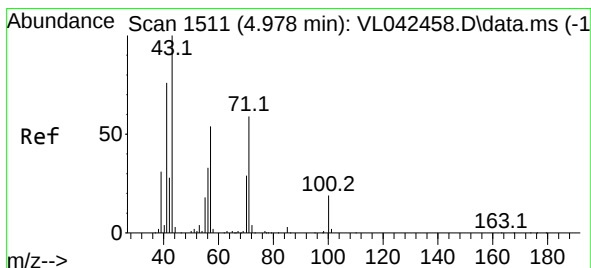
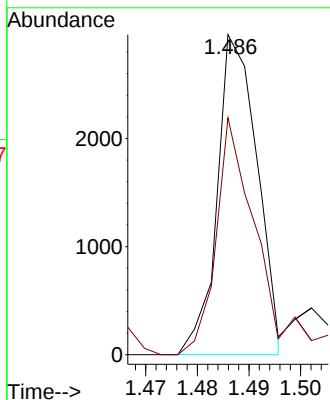
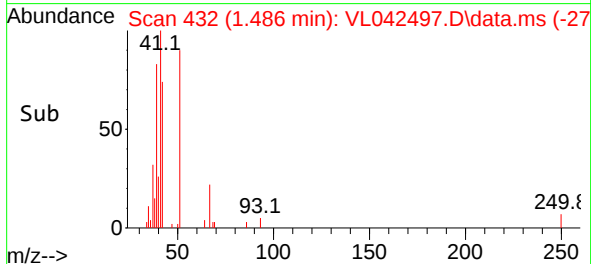
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



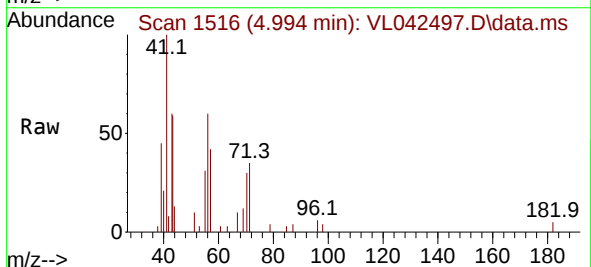
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Ion Ratio Lower Upper
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42 82.3 54.3 81.5

Manual Integrations
APPROVED

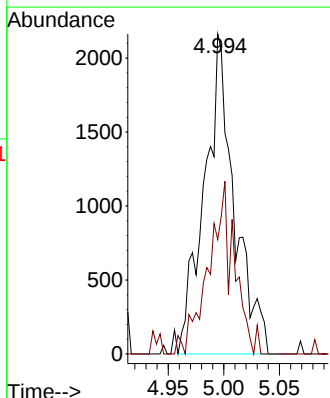
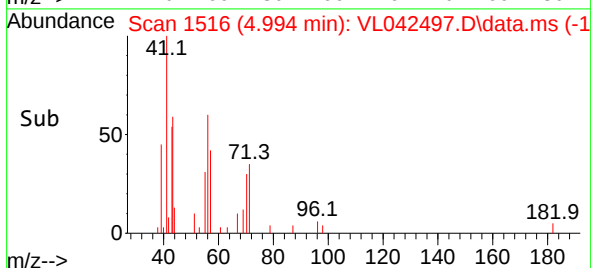
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

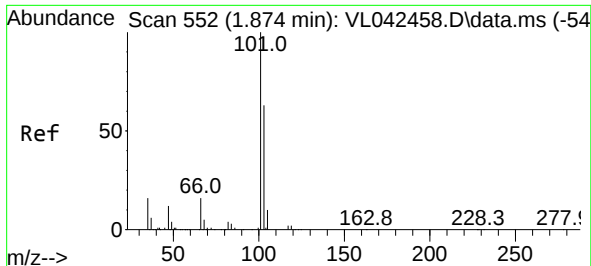


#10
Heptane
Concen: 0.406 ppbv m
RT: 4.994 min Scan# 1516
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



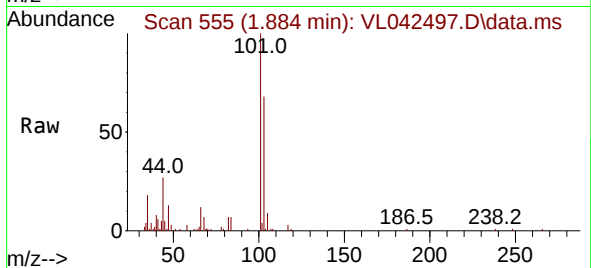
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Ion Ratio Lower Upper
43 100
57 45.7 41.8 62.8





#11
Trichlorofluoromethane
Concen: 0.594 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

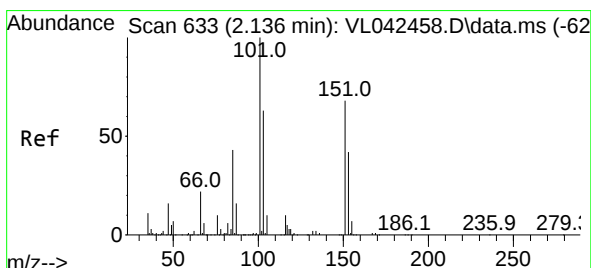
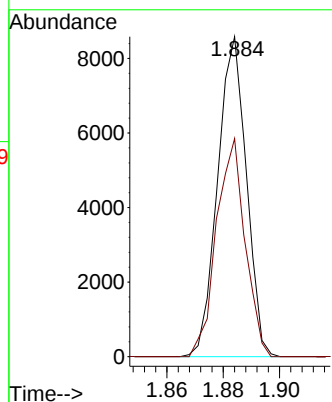
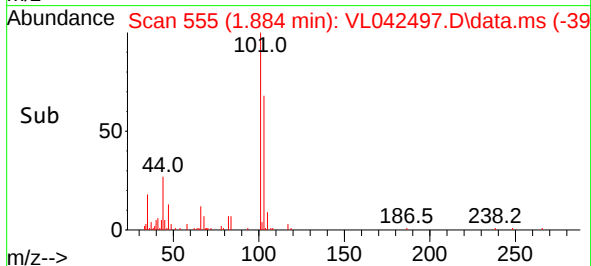
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



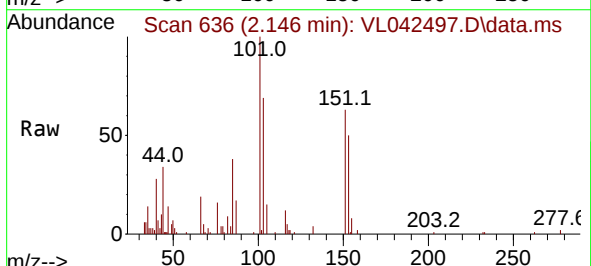
Tgt Ion:101 Resp: 6089
Ion Ratio Lower Upper
101 100
103 68.2 50.6 76.0

Manual Integrations
APPROVED

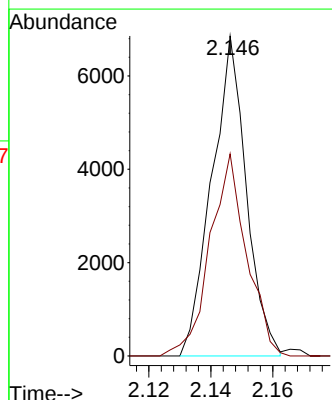
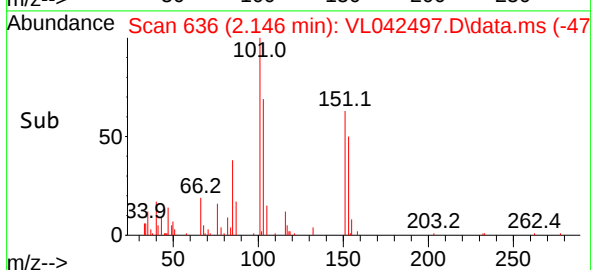
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

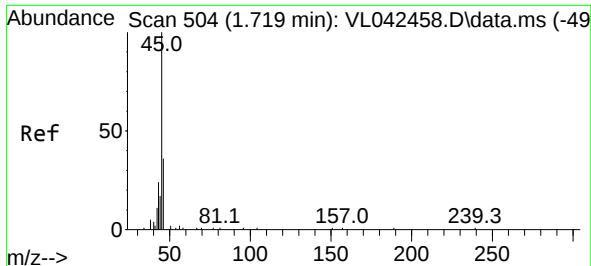


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.649 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



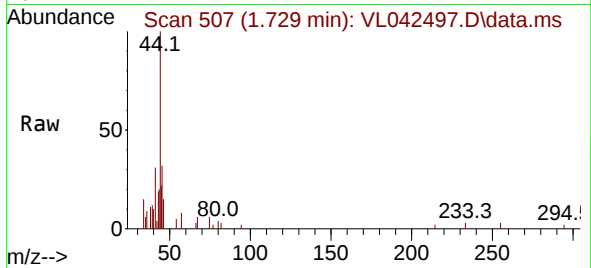
Tgt Ion:101 Resp: 5312
Ion Ratio Lower Upper
101 100
151 66.9 54.6 82.0





#13
Ethanol
Concen: 1.010 ppbv m
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

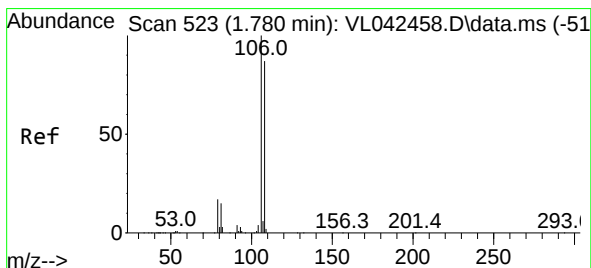
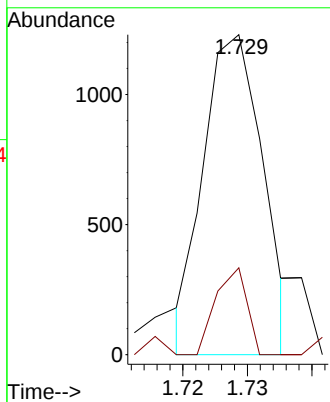
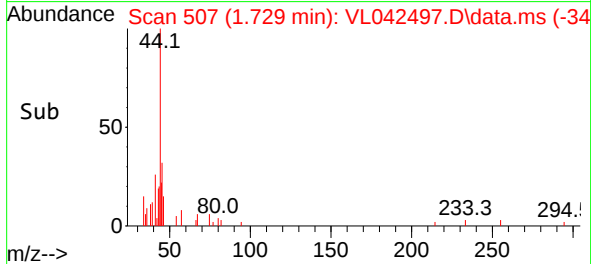
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



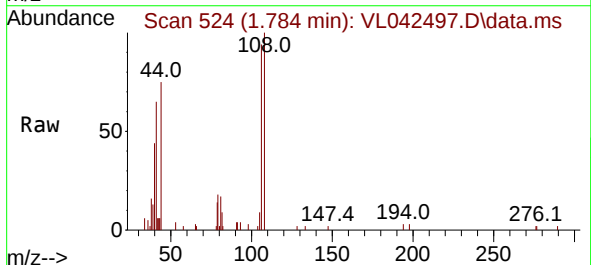
Tgt Ion: 45 Resp: 788
Ion Ratio Lower Upper
45 100
46 29.4 15.3 61.1

Manual Integrations
APPROVED

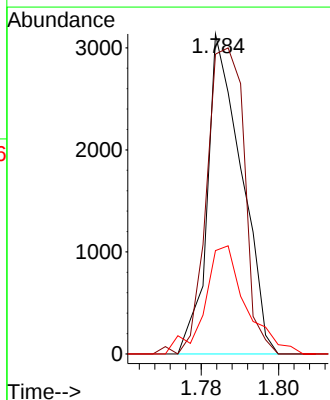
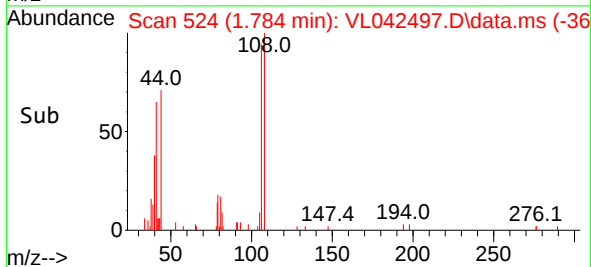
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

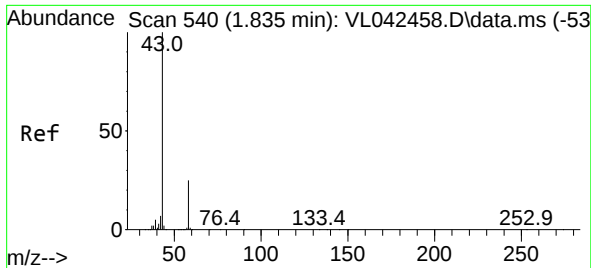


#14
Bromoethene
Concen: 0.637 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



Tgt Ion:108 Resp: 1924
Ion Ratio Lower Upper
108 100
106 105.1 88.8 133.2
79 40.9 17.1 25.7#





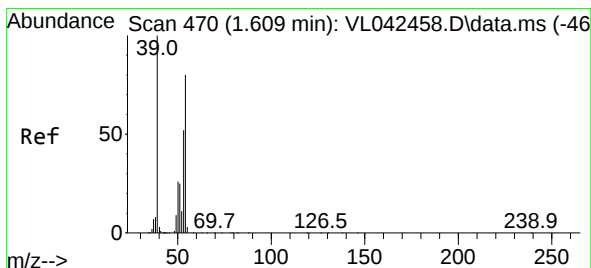
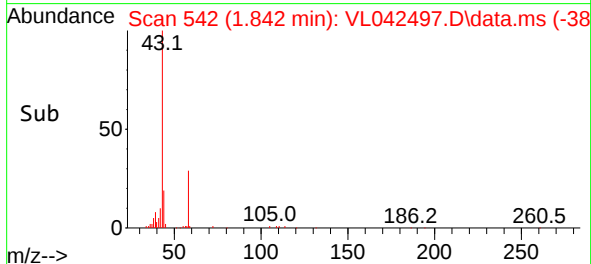
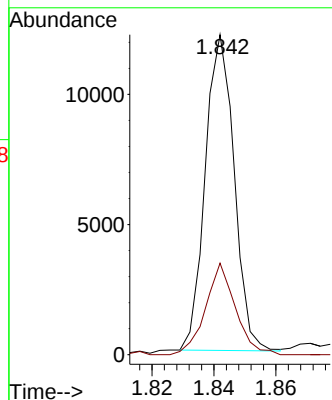
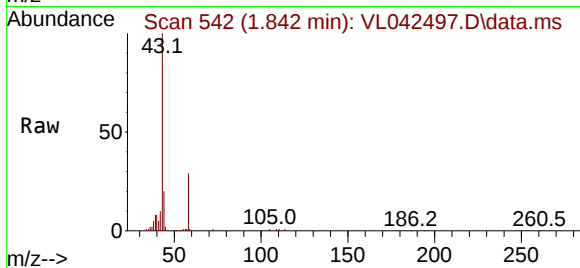
#15
Acetone
Concen: 0.641 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 43 Resp: 7859
Ion Ratio Lower Upper
43 100
58 30.4 19.8 29.8

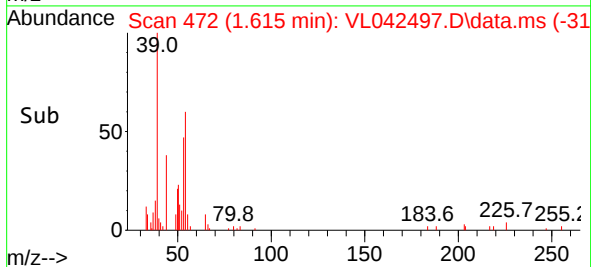
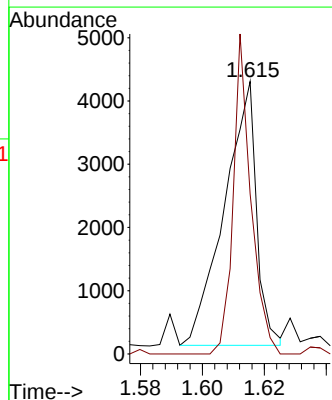
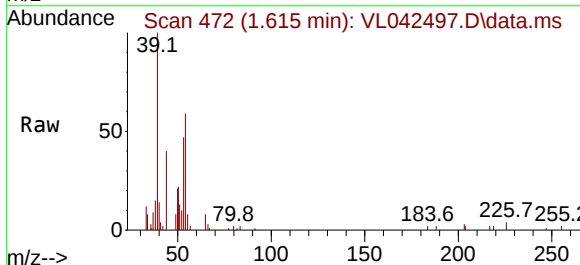
Manual Integrations
APPROVED

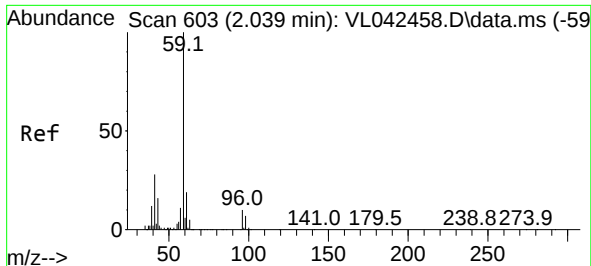
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
1,3-Butadiene
Concen: 0.557 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 39 Resp: 3011
Ion Ratio Lower Upper
39 100
54 68.5 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.529 ppbv

RT: 2.049 min Scan# 603

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

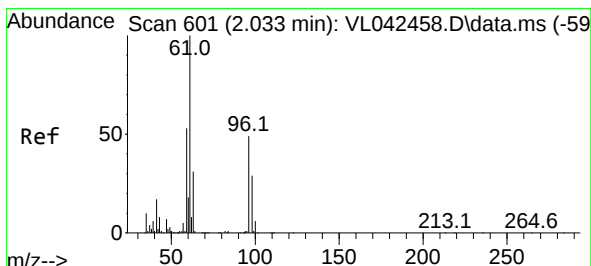
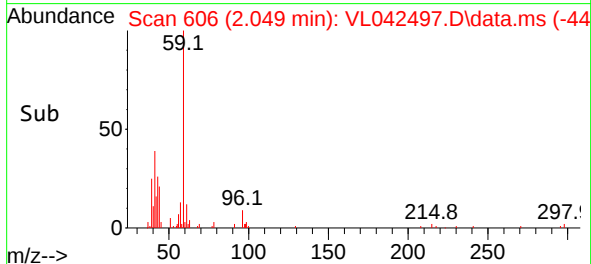
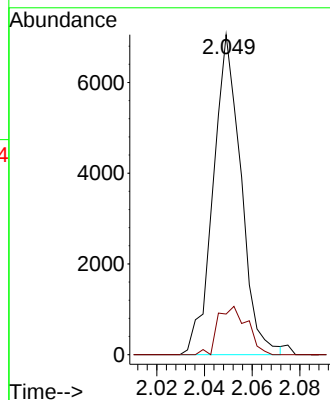
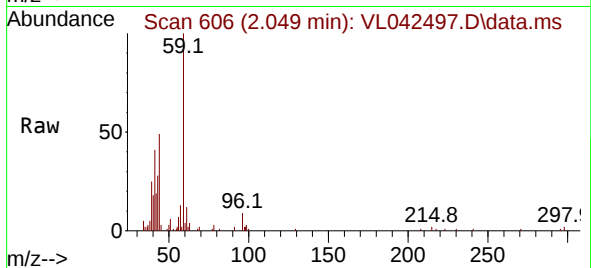
MDL3 0.45

Tgt Ion: 59 Resp: 5710
 Ion Ratio Lower Upper
 59 100
 57 15.9 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: 0.583 ppbv

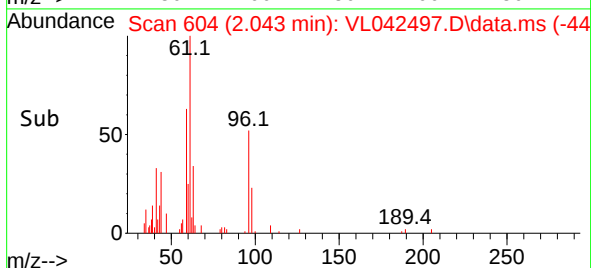
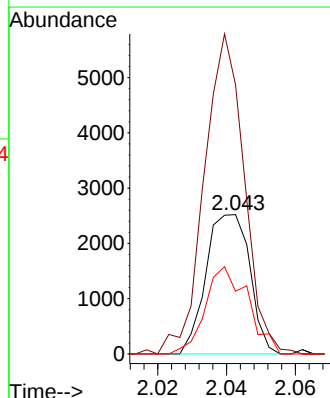
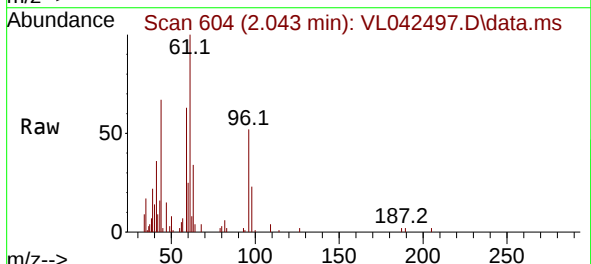
RT: 2.043 min Scan# 604

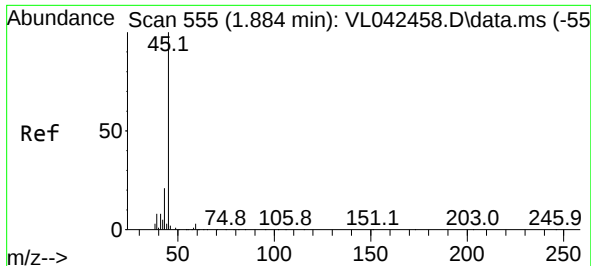
Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

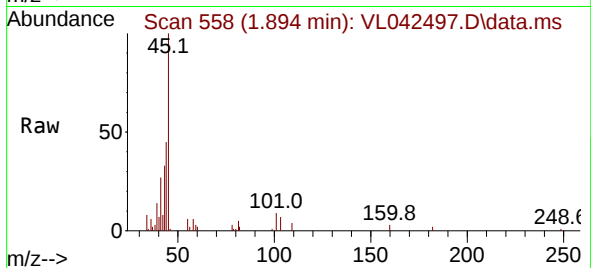
Tgt Ion: 96 Resp: 2227
 Ion Ratio Lower Upper
 96 100
 61 189.6 164.9 247.3
 98 45.0 48.2 72.2





#19
Isopropyl Alcohol
Concen: 0.510 ppbv
RT: 1.894 min Scan# 510
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

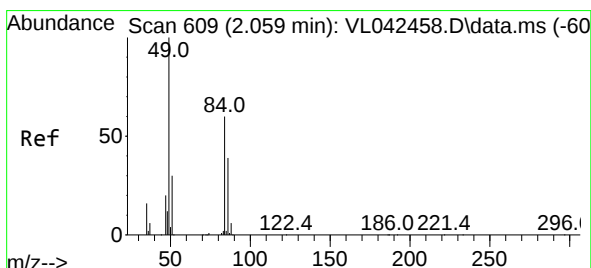
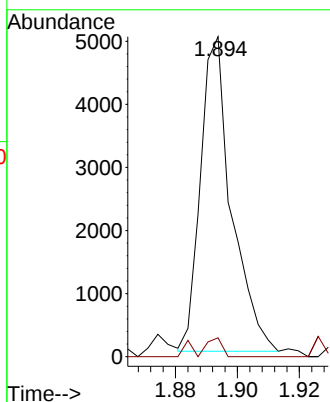
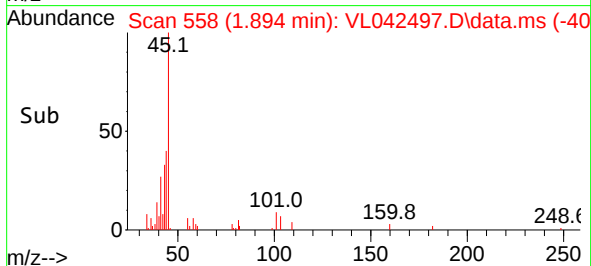
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



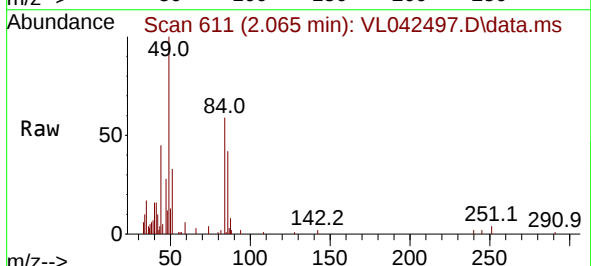
Tgt Ion: 45 Resp: 346
Ion Ratio Lower Upper
45 100
58 4.4 1.6 2.4

Manual Integrations
APPROVED

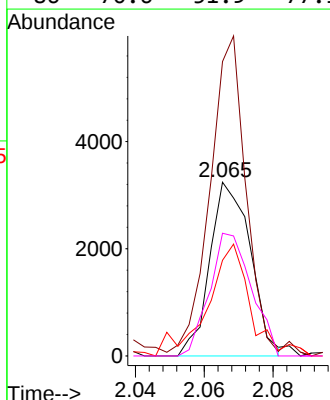
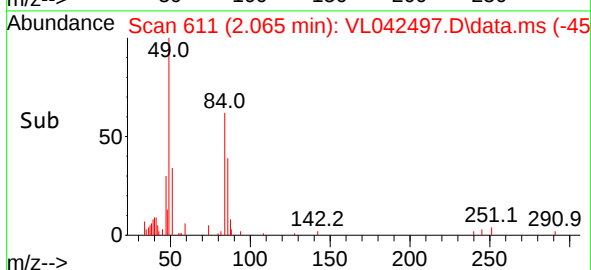
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

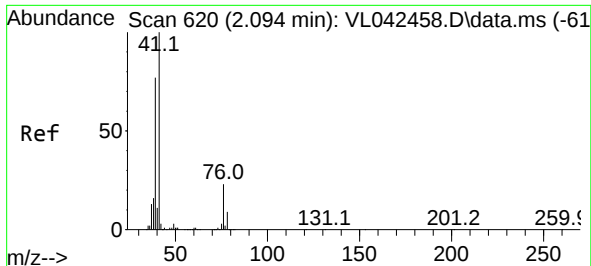


#20
Methylene Chloride
Concen: 0.720 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



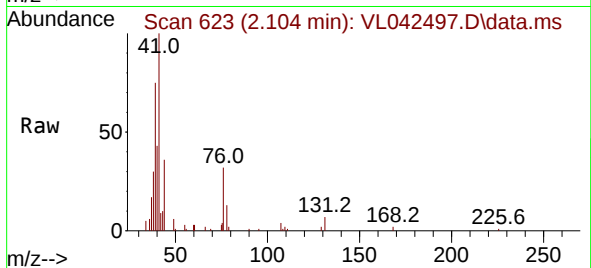
Tgt Ion: 84 Resp: 2653
Ion Ratio Lower Upper
84 100
49 166.8 133.9 200.9
51 51.9 41.0 61.6
86 70.6 51.9 77.9





#21
Allyl Chloride
Concen: 0.557 ppbv
RT: 2.104 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

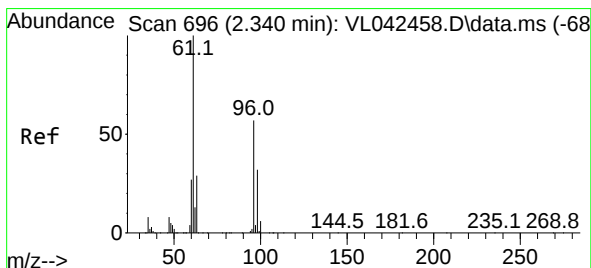
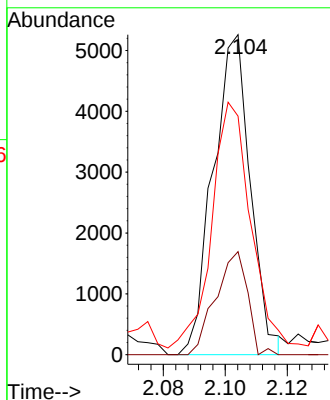
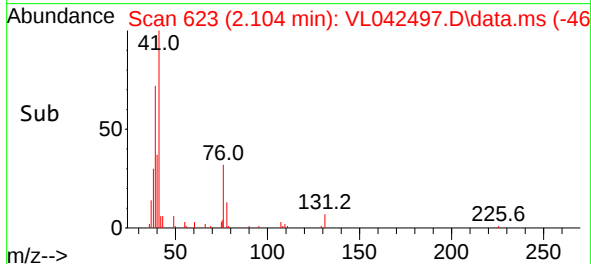
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 41 Resp: 4390
Ion Ratio Lower Upper
41 100
76 27.4 19.6 29.4
39 87.1 61.0 91.4

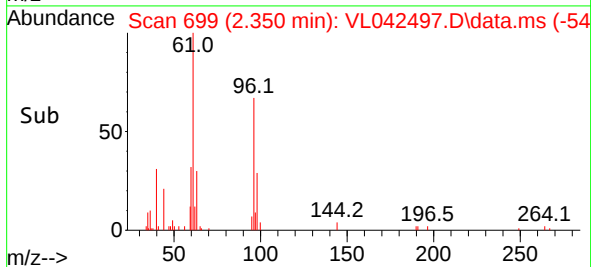
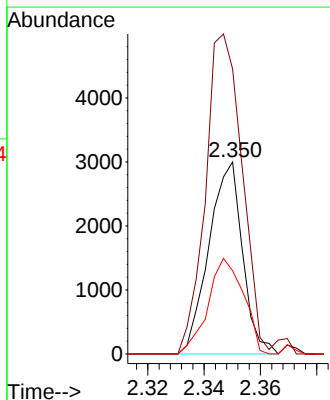
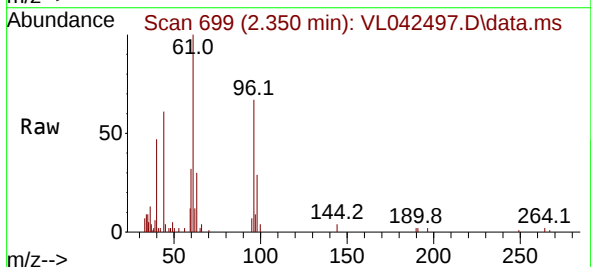
Manual Integrations
APPROVED

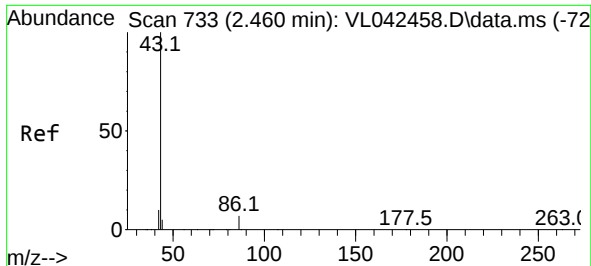
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#22
trans-1,2-Dichloroethene
Concen: 0.556 ppbv
RT: 2.350 min Scan# 699
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

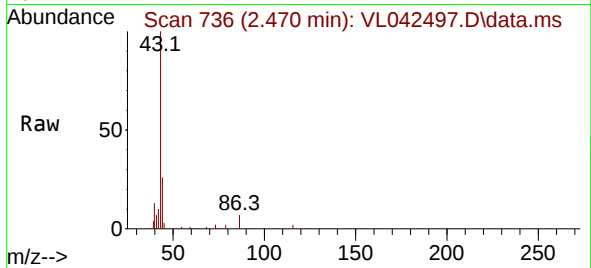
Tgt Ion: 96 Resp: 2484
Ion Ratio Lower Upper
96 100
61 148.4 141.8 212.6
98 43.4 45.0 67.6#





#23
 Vinyl Acetate
 Concen: 0.480 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

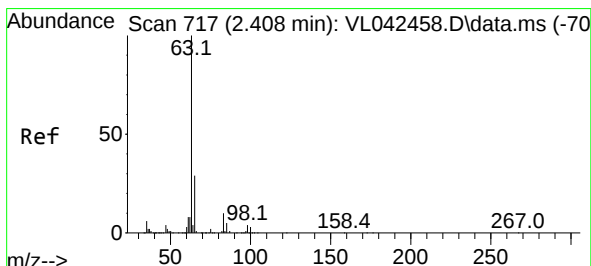
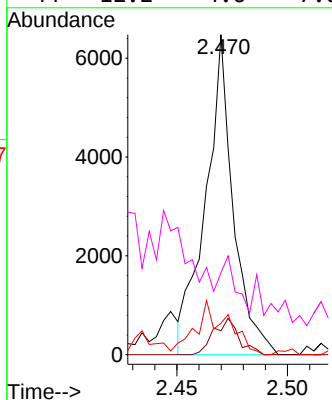
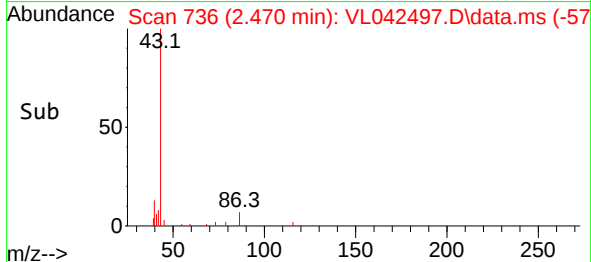
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



Tgt Ion: 43 Resp: 561
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.5 8.3
 42 8.6 8.3 12.5
 44 12.2 4.6 7.0#

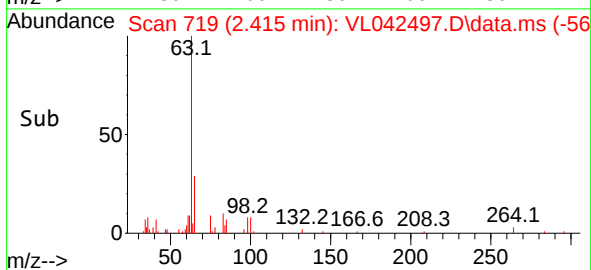
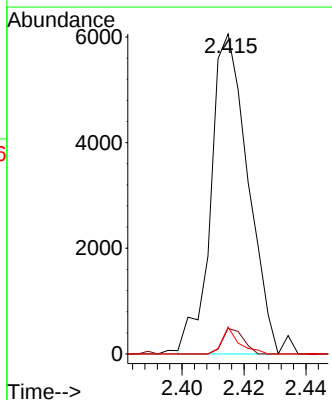
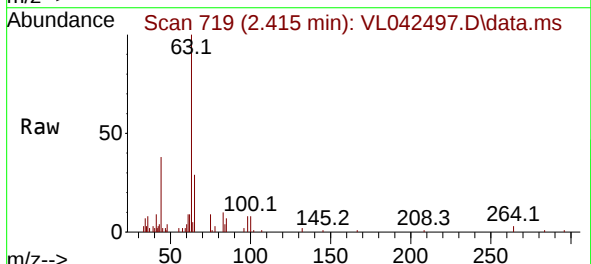
Manual Integrations
 APPROVED

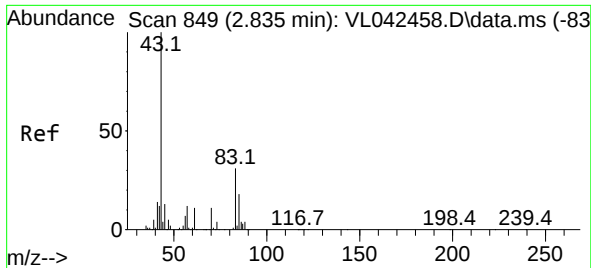
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#24
 1,1-Dichloroethane
 Concen: 0.552 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion: 63 Resp: 5025
 Ion Ratio Lower Upper
 63 100
 98 8.0 1.8 5.5#
 100 8.4 1.4 4.2#





#25
Ethyl Acetate
Concen: 0.438 ppbv m
RT: 2.849 min Scan# 849
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

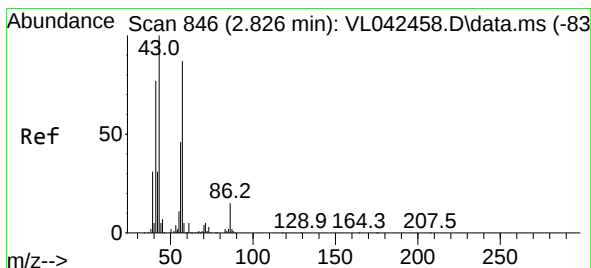
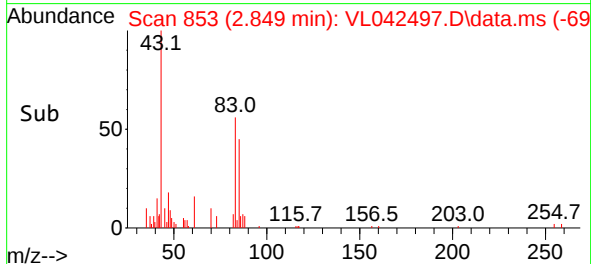
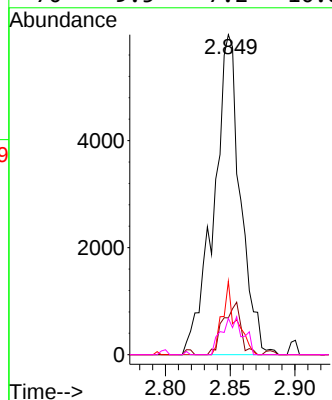
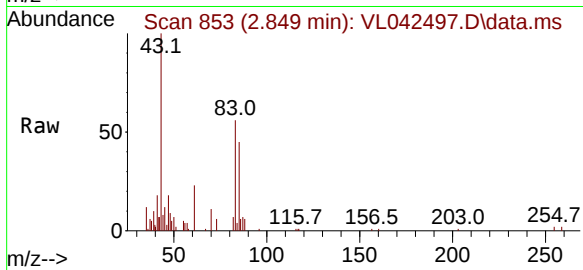
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 43 Resp: 858

Ion	Ratio	Lower	Upper
43	100		
45	11.3	7.8	11.6
61	11.9	7.2	10.8
70	9.5	7.2	10.8

Manual Integrations
APPROVED

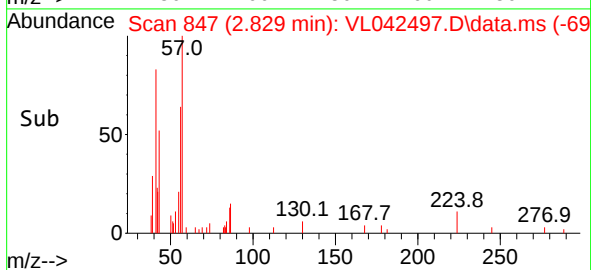
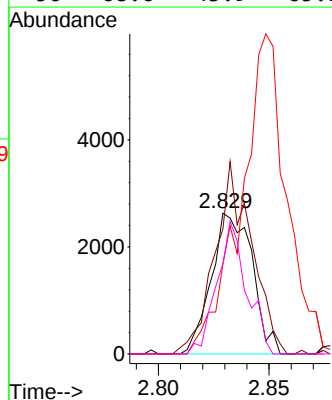
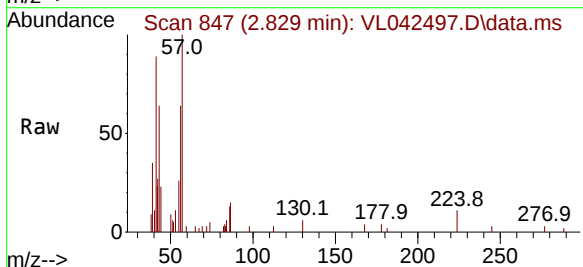
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

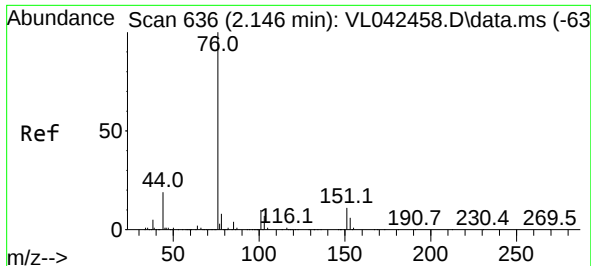


#26
Hexane
Concen: 0.396 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 57 Resp: 3384

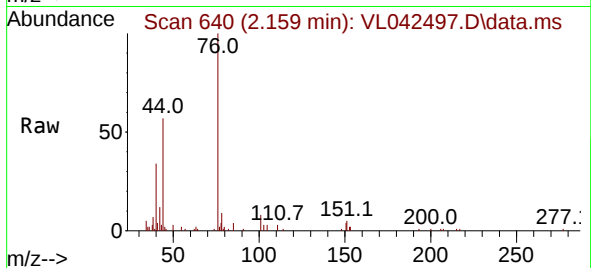
Ion	Ratio	Lower	Upper
57	100		
41	122.0	77.8	116.8#
43	253.7	187.0	280.6
56	68.6	43.9	65.9#





#27
Carbon Disulfide
Concen: 0.516 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

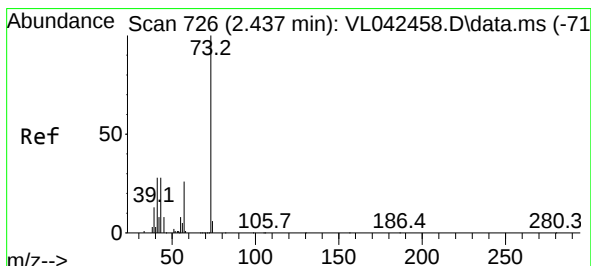
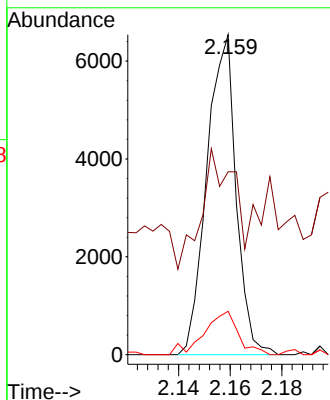
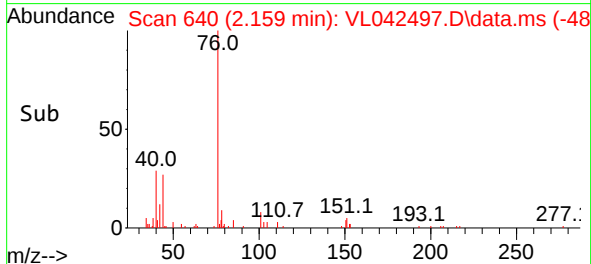
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 76 Resp: 5150
Ion Ratio Lower Upper
76 100
44 108.8 21.0 31.6
78 16.4 8.6 13.0

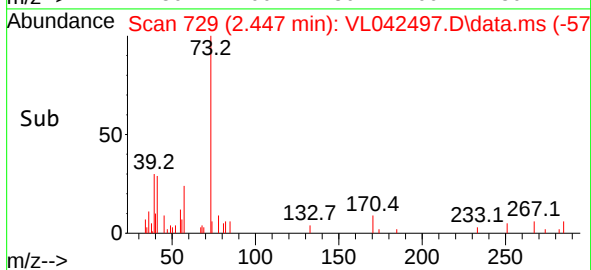
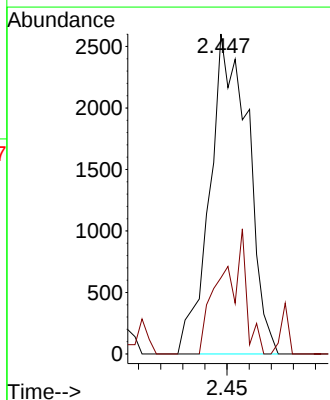
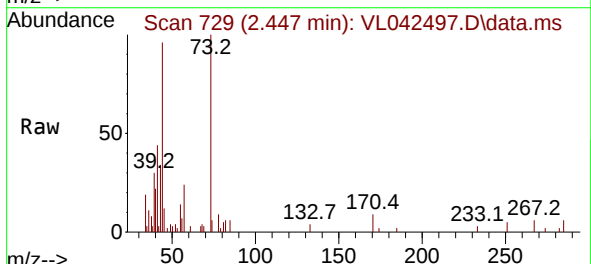
Manual Integrations
APPROVED

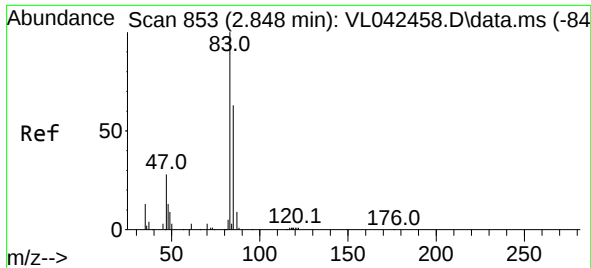
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#28
Methyl tert-Butyl Ether
Concen: 0.610 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 73 Resp: 3132
Ion Ratio Lower Upper
73 100
57 28.0 19.9 29.9





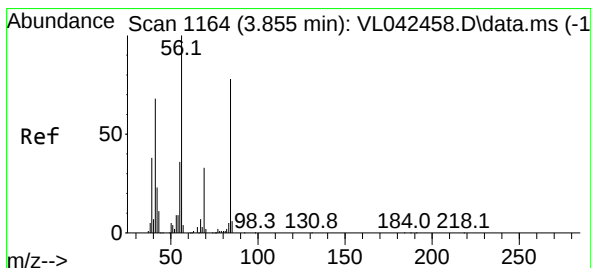
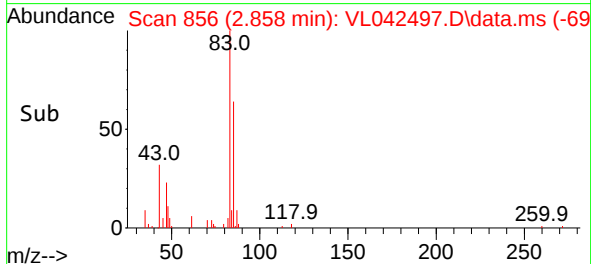
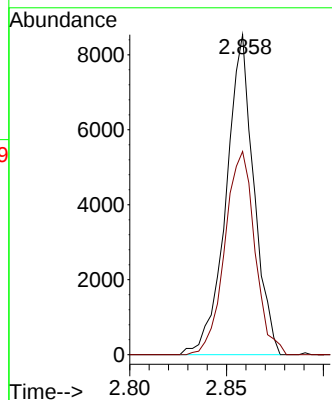
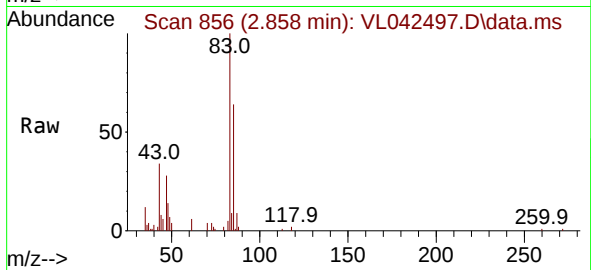
#29
Chloroform
Concen: 0.532 ppbv
RT: 2.858 min Scan# 852
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 83 Resp: 852
Ion Ratio Lower Upper
83 100
85 63.5 50.4 75.6

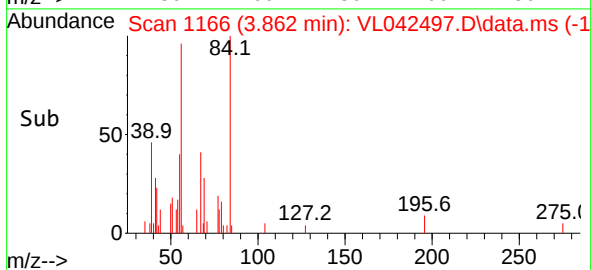
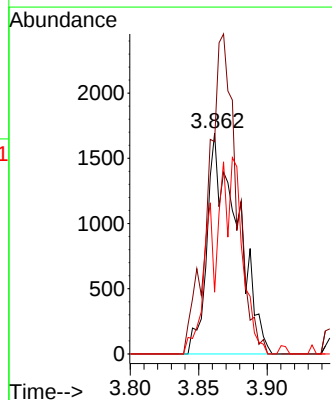
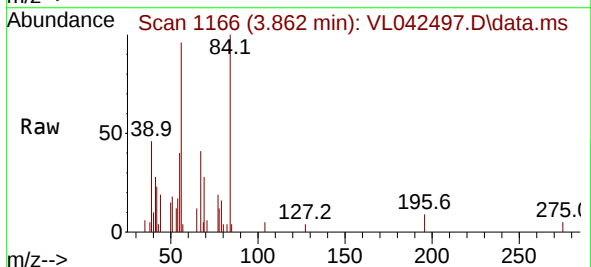
Manual Integrations
APPROVED

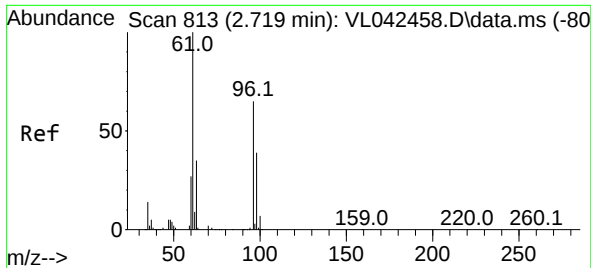
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#30
Cyclohexane
Concen: 0.368 ppbv m
RT: 3.862 min Scan# 1166
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 84 Resp: 2628
Ion Ratio Lower Upper
84 100
56 133.6 98.1 147.1
41 0.0 65.8 98.8#





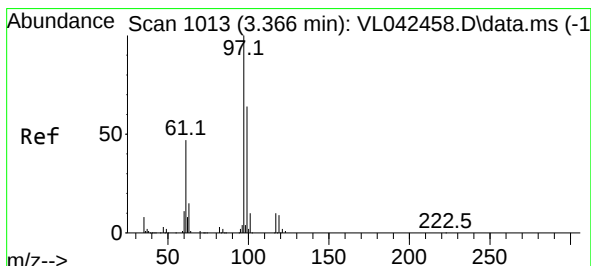
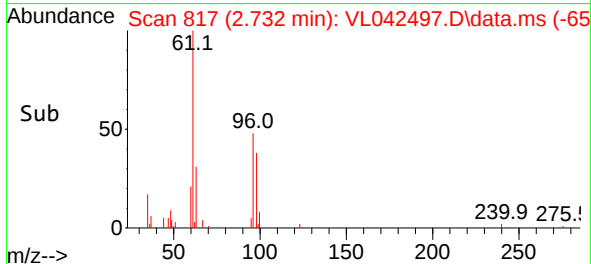
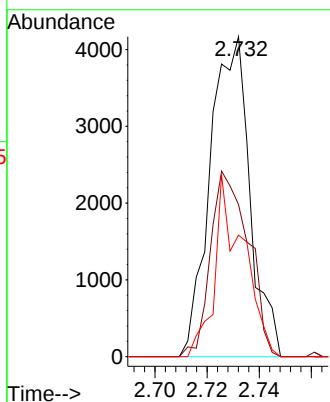
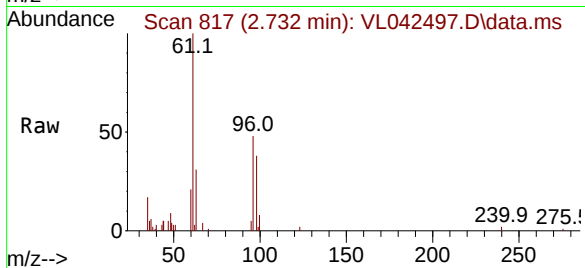
#31
cis-1,2-Dichloroethene
Concen: 0.442 ppbv m
RT: 2.732 min Scan# 813
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 61 Resp: 440
Ion Ratio Lower Upper
61 100
96 47.5 52.0 78.0
98 38.0 31.0 46.6

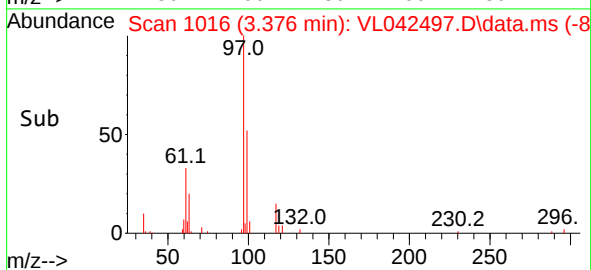
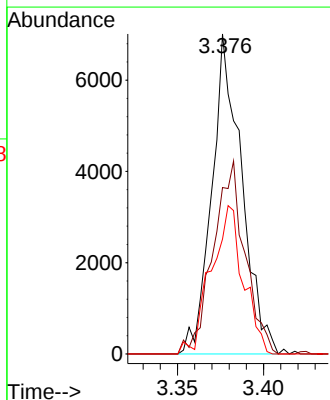
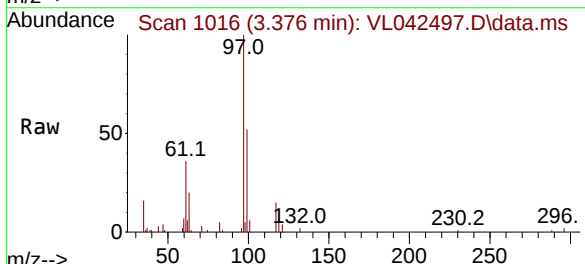
Manual Integrations
APPROVED

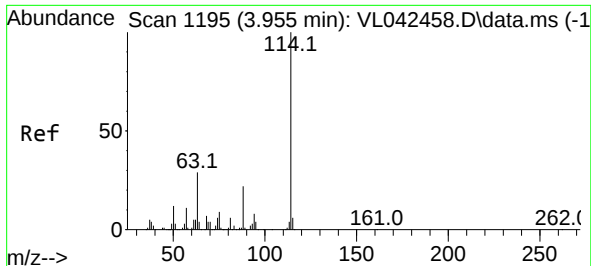
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#32
1,1,1-Trichloroethane
Concen: 0.486 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 97 Resp: 8445
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 50.3 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1195

Delta R.T. 0.016 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

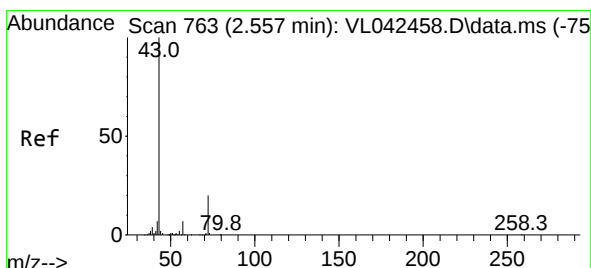
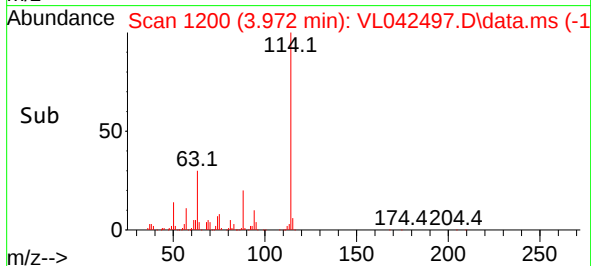
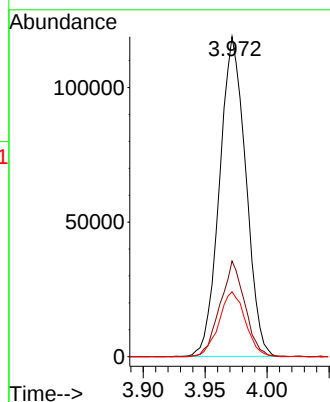
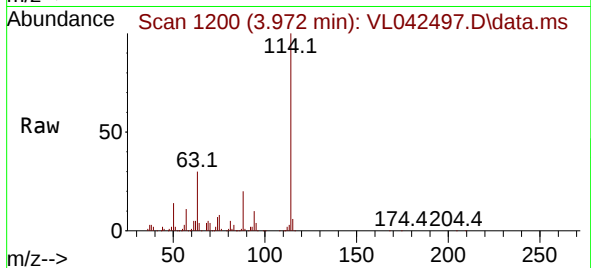
Tgt Ion:114	Resp: 175094
Ion Ratio	Lower Upper
114 100	
63 28.3	23.1 34.7
88 20.6	16.1 24.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.517 ppbv

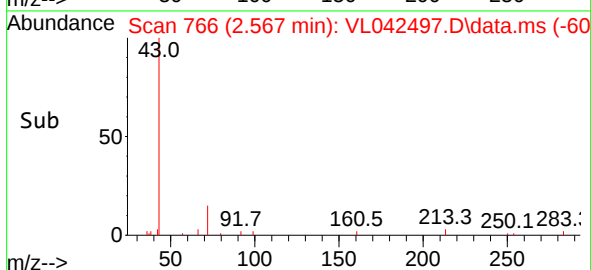
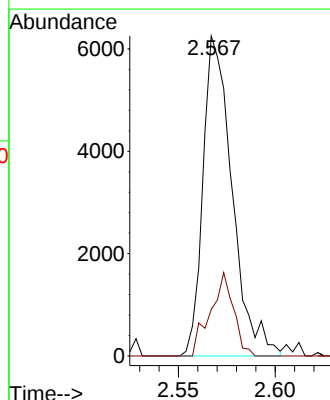
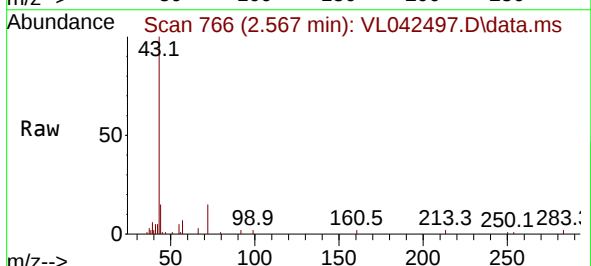
RT: 2.567 min Scan# 766

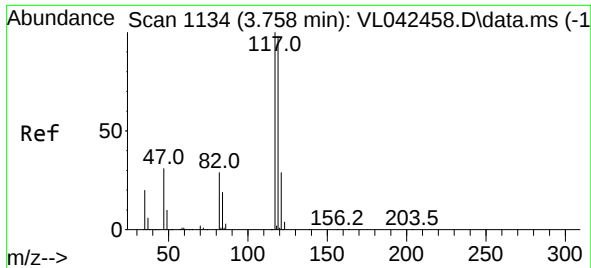
Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

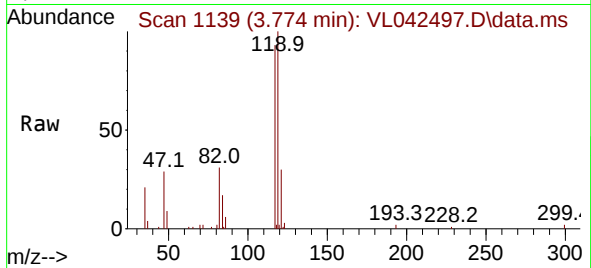
Tgt Ion: 43	Resp: 6548
Ion Ratio	Lower Upper
43 100	
72 20.8	16.7 25.1





#35
Carbon Tetrachloride
Concen: 0.571 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

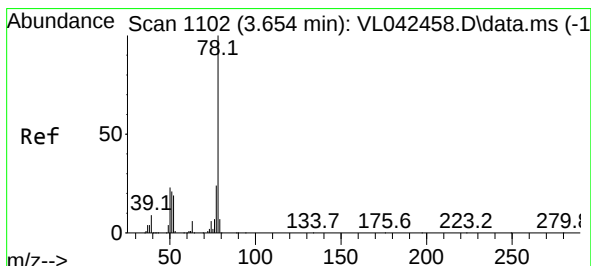
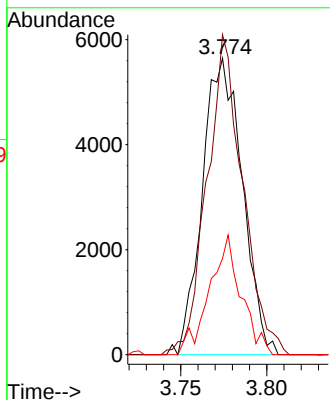
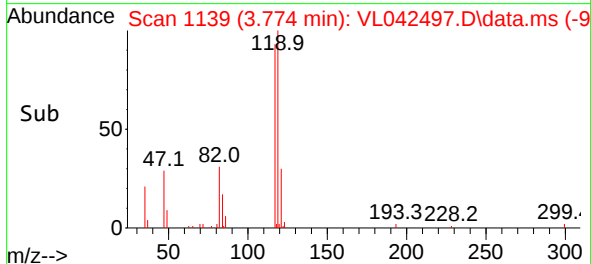
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



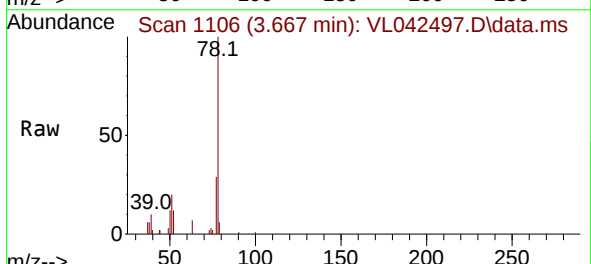
Tgt Ion: 117 Resp: 9078
Ion Ratio Lower Upper
117 100
119 105.6 78.1 117.1
121 32.4 23.0 34.6

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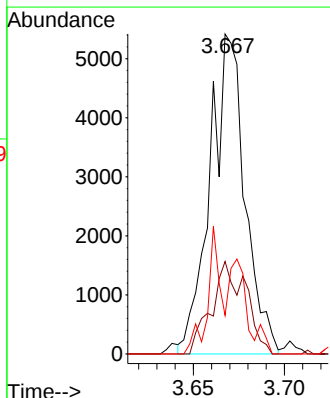
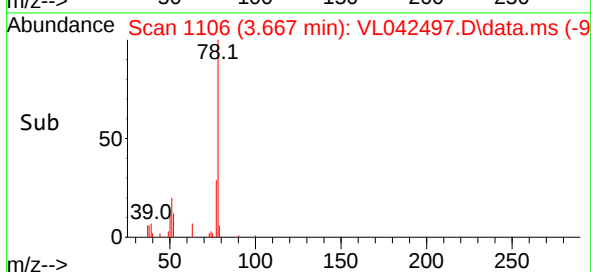
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

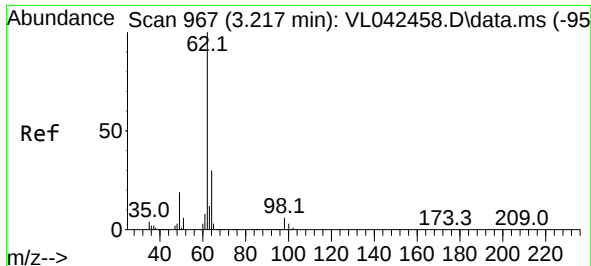


#36
Benzene
Concen: 0.436 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



Tgt Ion: 78 Resp: 7205
Ion Ratio Lower Upper
78 100
77 29.3 18.9 28.3#
50 12.2 18.4 27.6#





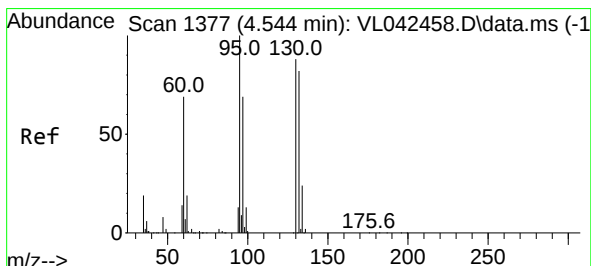
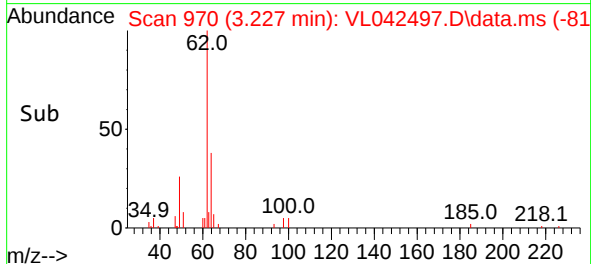
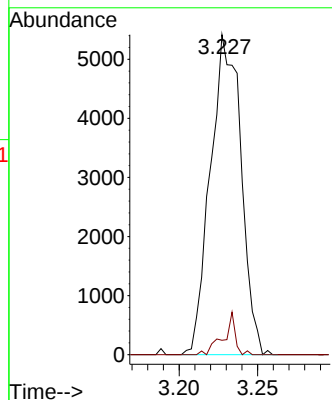
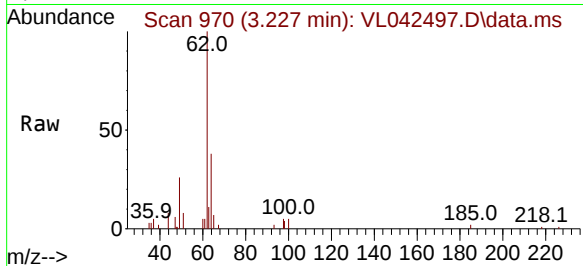
#37
1,2-Dichloroethane
Concen: 0.578 ppbv m
RT: 3.227 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 62 Resp: 735
Ion Ratio Lower Upper
62 100
98 5.1 4.3 6.5

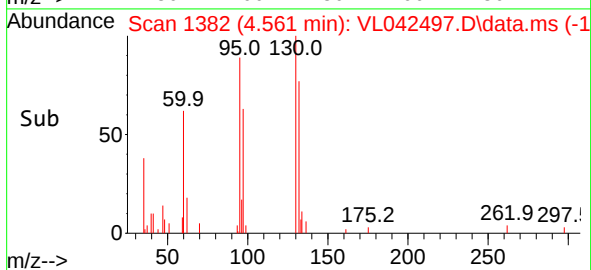
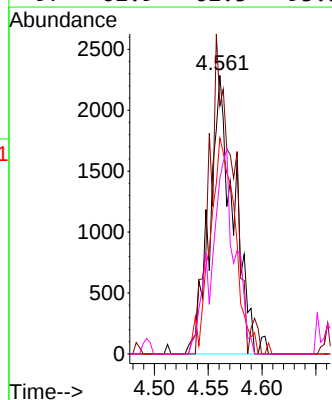
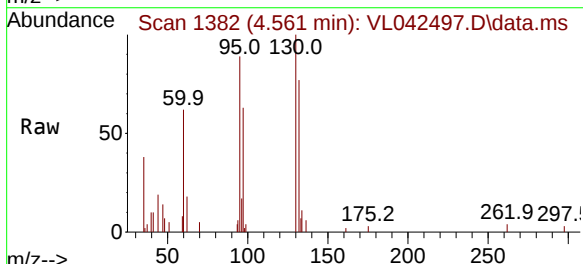
Manual Integrations
APPROVED

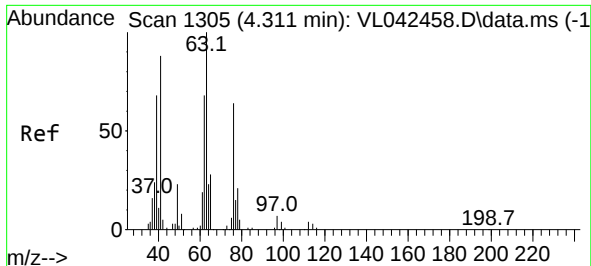
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.571 ppbv m
RT: 4.561 min Scan# 1382
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:130 Resp: 3598
Ion Ratio Lower Upper
130 100
95 89.1 91.0 136.4#
132 77.5 74.2 111.4
97 62.9 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.528 ppbv m

RT: 4.337 min Scan# 1313

Delta R.T. 0.026 min

Lab File: VL042497.D

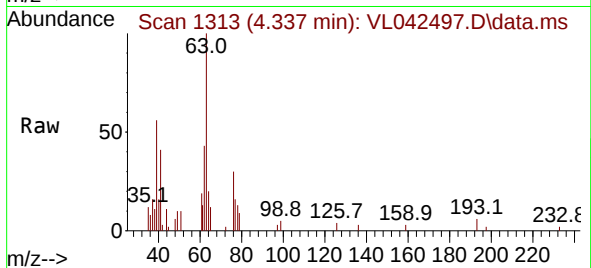
Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45



Tgt Ion: 63 Resp: 3260

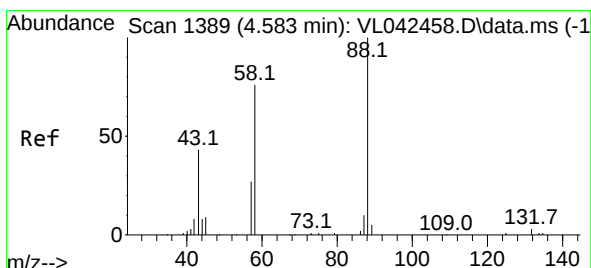
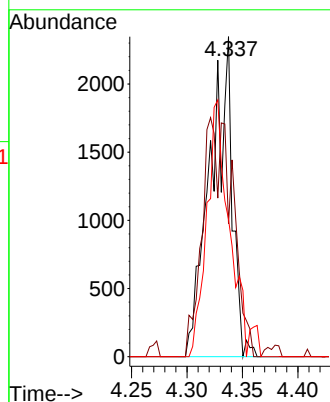
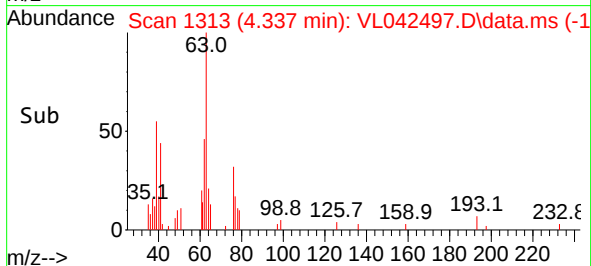
Ion	Ratio	Lower	Upper
63	100		
41	41.5	69.8	104.6
62	42.9	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.478 ppbv m

RT: 4.616 min Scan# 1399

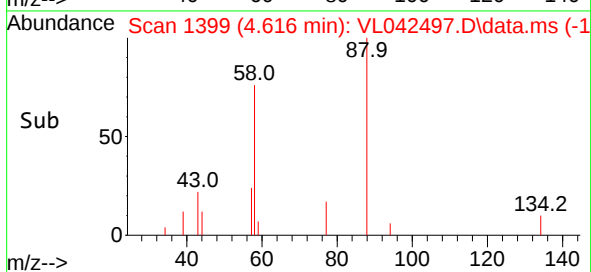
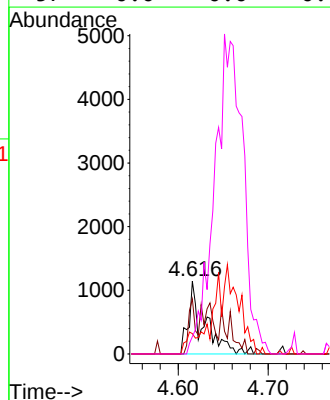
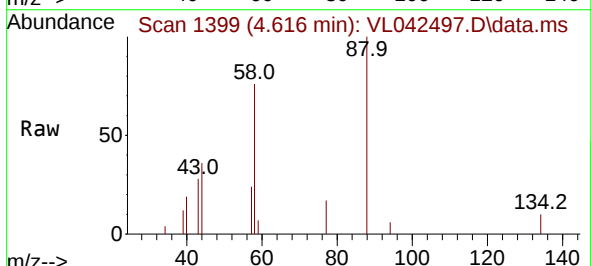
Delta R.T. 0.033 min

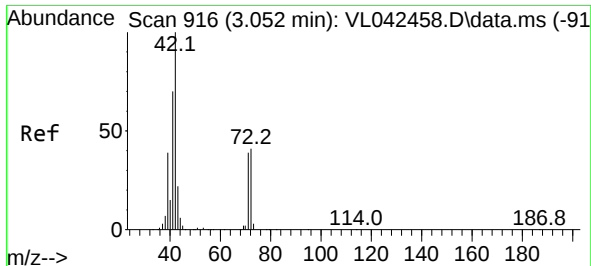
Lab File: VL042497.D

Acq: 06 May 2025 15:29

Tgt Ion: 88 Resp: 1384

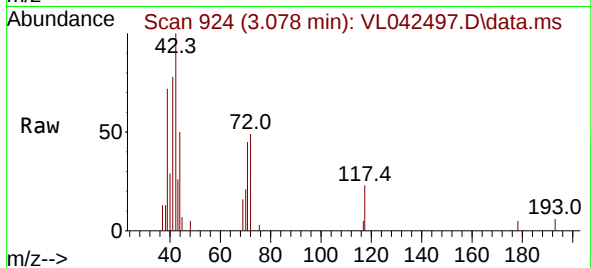
Ion	Ratio	Lower	Upper
88	100		
58	128.8	0.0	0.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.354 ppbv m
RT: 3.078 min Scan# 916
Delta R.T. 0.026 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

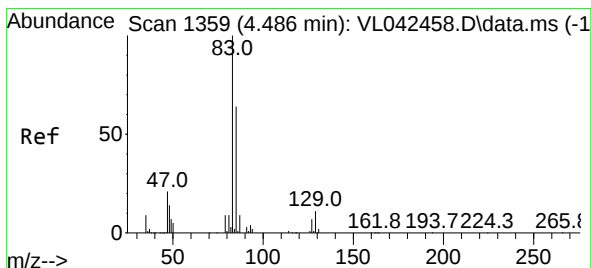
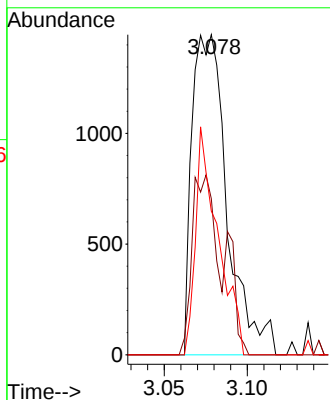
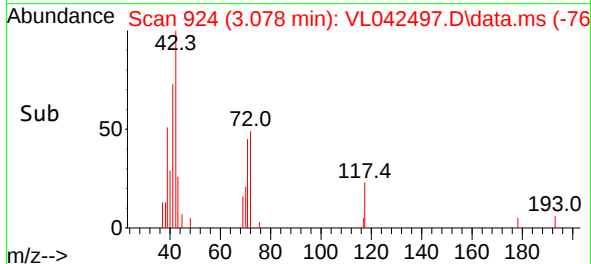
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



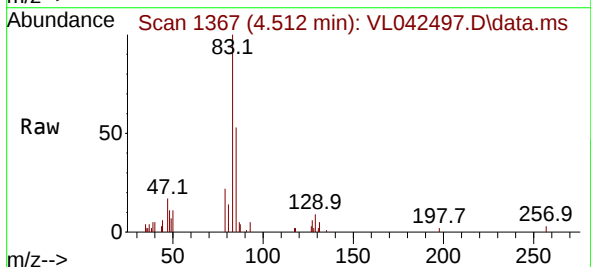
Tgt Ion: 42 Resp: 2128
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3
71 45.2 32.6 49.0

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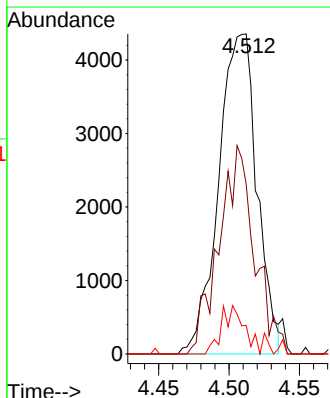
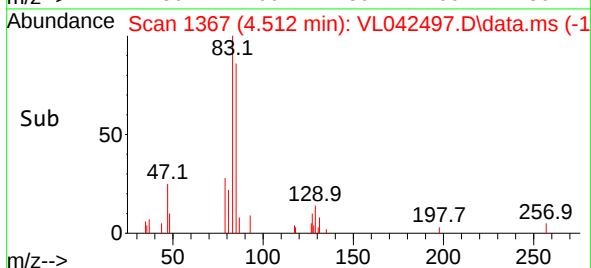
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

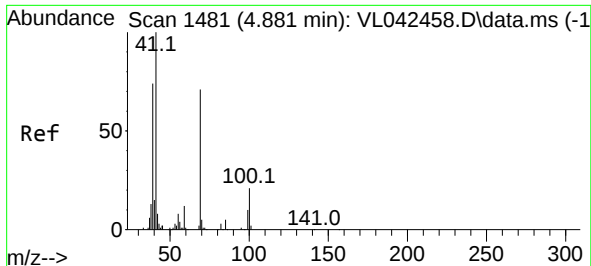


#42
Bromodichloromethane
Concen: 0.531 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.026 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



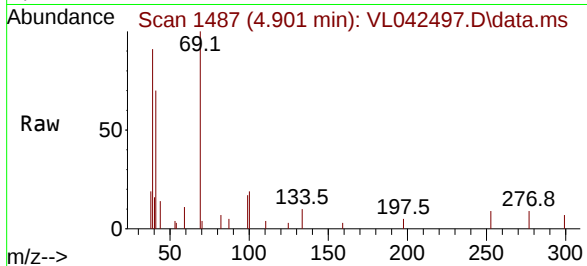
Tgt Ion: 83 Resp: 8270
Ion Ratio Lower Upper
83 100
85 53.1 51.5 77.3
127 8.9 5.4 8.2





#43
Methyl Methacrylate
Concen: 0.387 ppbv m
RT: 4.901 min Scan# 1481
Delta R.T. 0.020 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

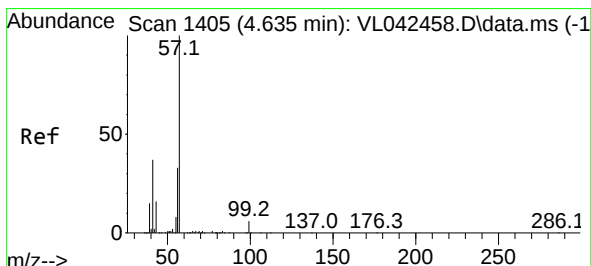
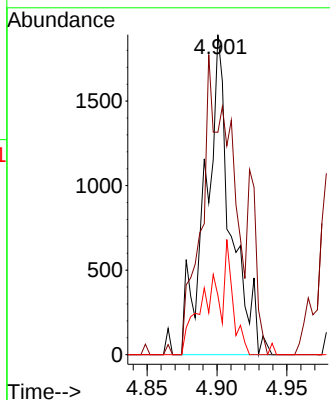
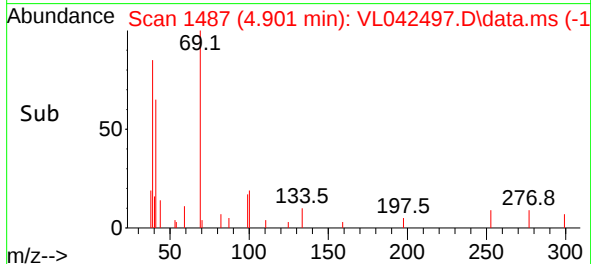
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



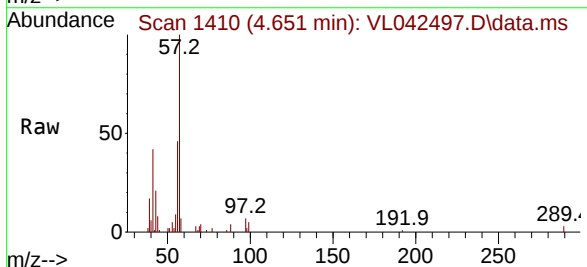
Tgt Ion: 69 Resp: 2388
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2
100 32.2 26.7 40.1

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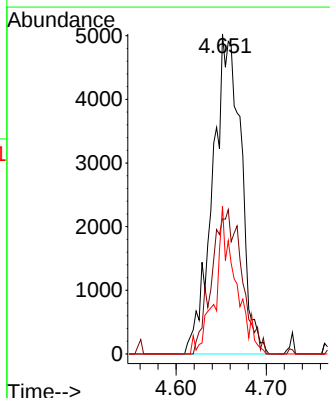
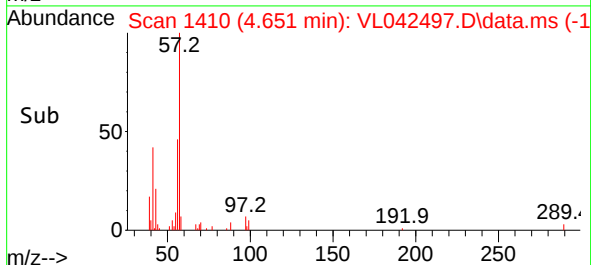
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

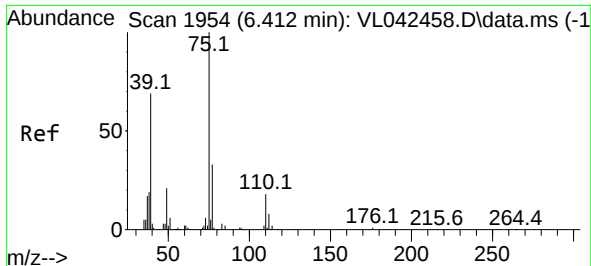


#44
2,2,4-Trimethylpentane
Concen: 0.410 ppbv m
RT: 4.651 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



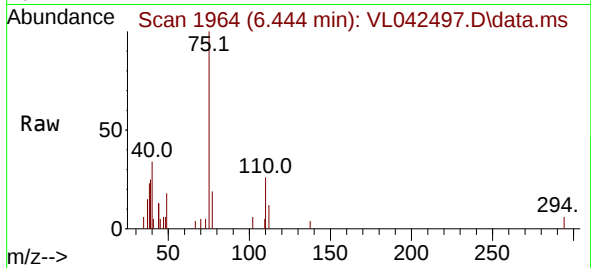
Tgt Ion: 57 Resp: 10990
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8
56 33.0 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 0.385 ppbv m
RT: 6.444 min Scan# 1954
Delta R.T. 0.033 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

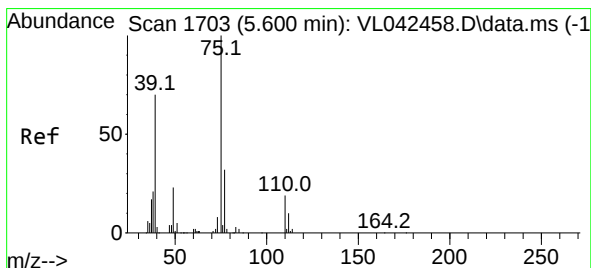
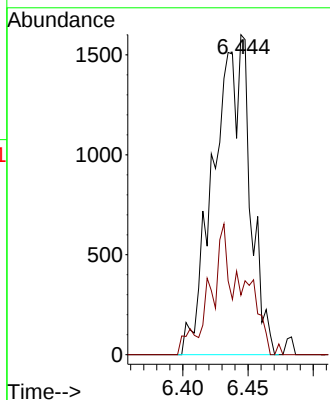
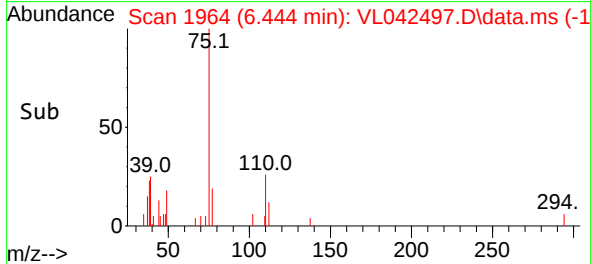
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 75 Resp: 3118
Ion Ratio Lower Upper
75 100
77 18.6 26.3 39.5

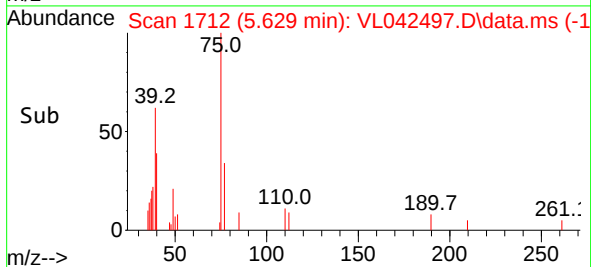
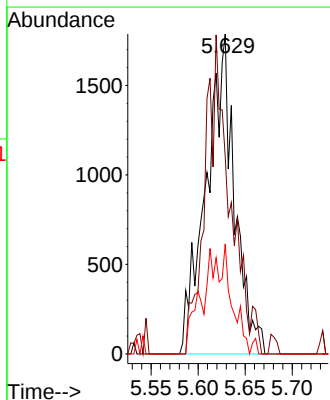
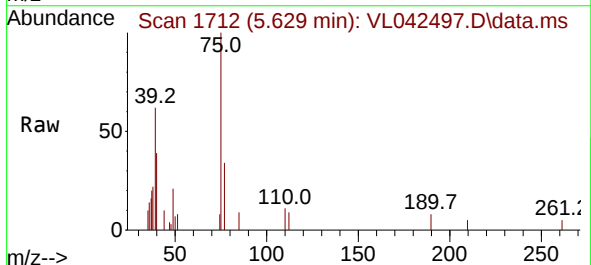
Manual Integrations
APPROVED

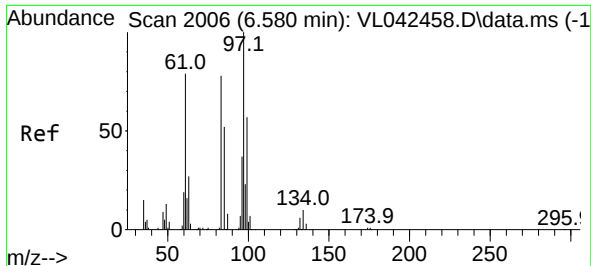
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#46
cis-1,3-Dichloropropene
Concen: 0.393 ppbv m
RT: 5.629 min Scan# 1712
Delta R.T. 0.029 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

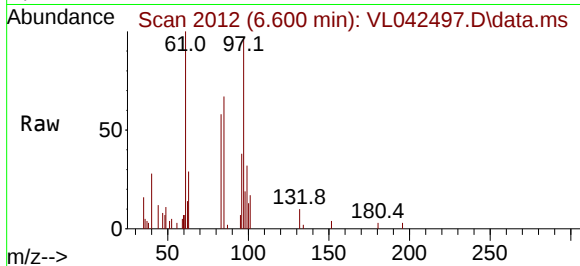
Tgt Ion: 75 Resp: 3780
Ion Ratio Lower Upper
75 100
39 61.5 55.7 83.5
77 34.4 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 0.537 ppbv m
RT: 6.600 min Scan# 2006
Delta R.T. 0.020 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

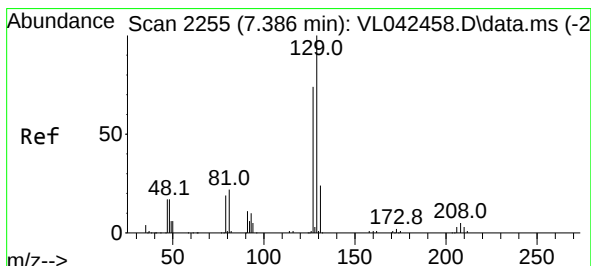
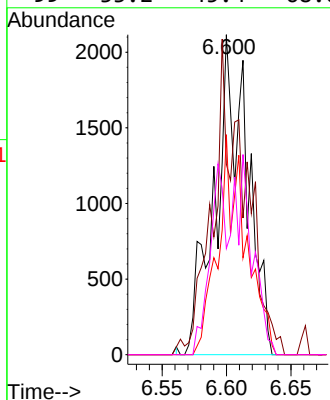
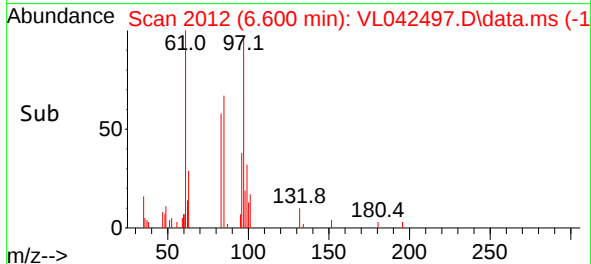
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 97 Resp: 3640
Ion Ratio Lower Upper
97 100
83 59.5 62.2 93.2
85 68.8 41.5 62.3
99 33.2 45.4 68.0

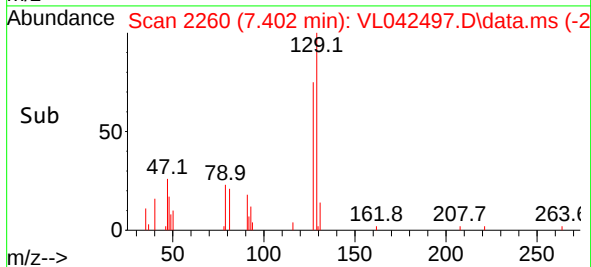
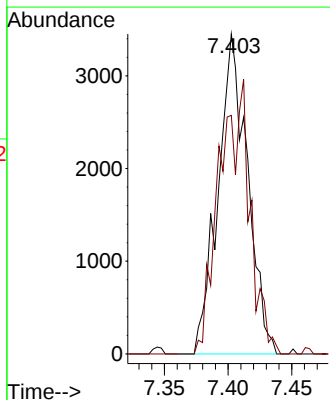
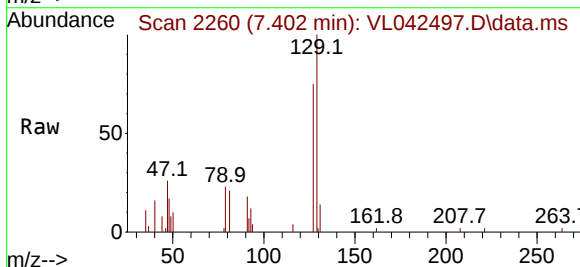
Manual Integrations
APPROVED

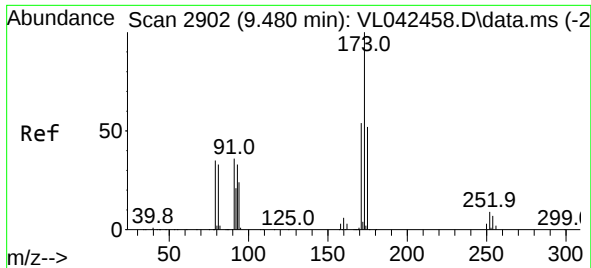
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 0.485 ppbv m
RT: 7.402 min Scan# 2260
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

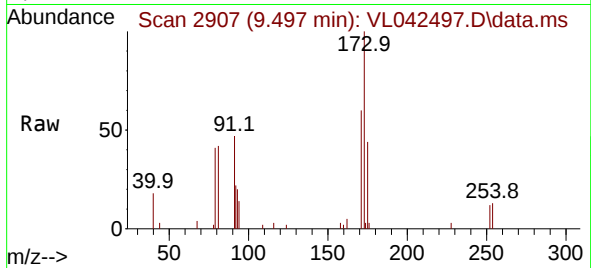
Tgt Ion:129 Resp: 5551
Ion Ratio Lower Upper
129 100
127 89.4 39.5 118.5





#49
Bromoform
Concen: 0.498 ppbv m
RT: 9.497 min Scan# 2902
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

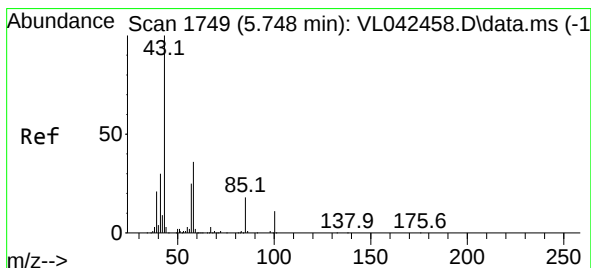
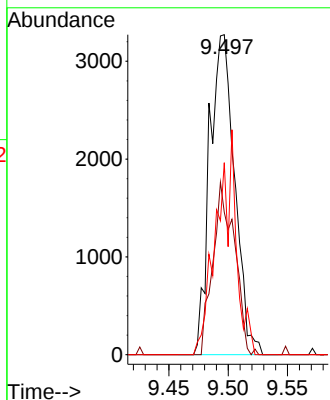
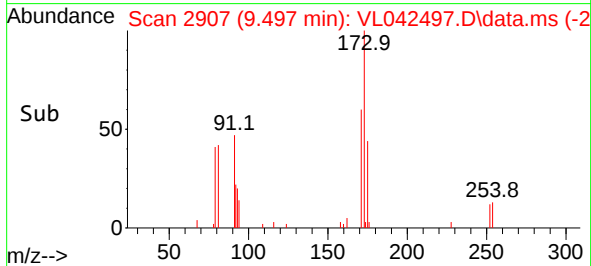
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion:173 Resp: 4788
Ion Ratio Lower Upper
173 100
175 0.0 38.9 58.3
171 0.0 40.6 60.8

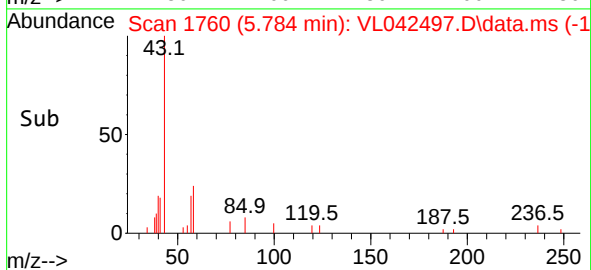
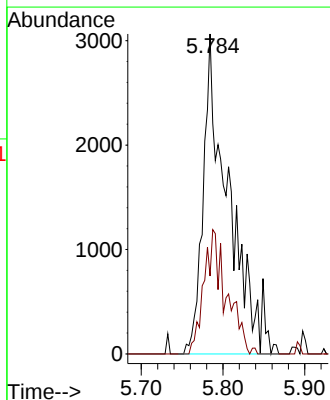
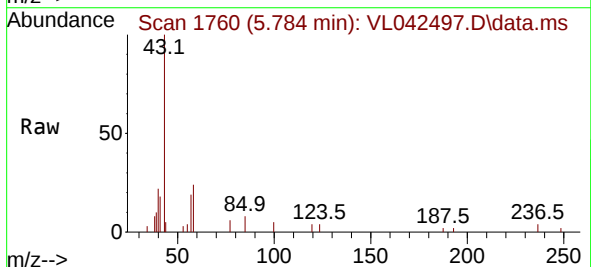
Manual Integrations
APPROVED

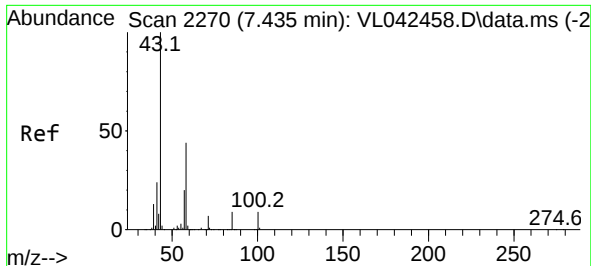
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.410 ppbv m
RT: 5.784 min Scan# 1760
Delta R.T. 0.036 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

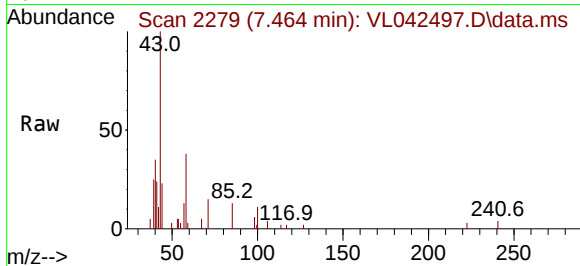
Tgt Ion: 43 Resp: 6563
Ion Ratio Lower Upper
43 100
58 34.6 29.5 44.3





#51
2-Hexanone
Concen: 0.352 ppbv m
RT: 7.464 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

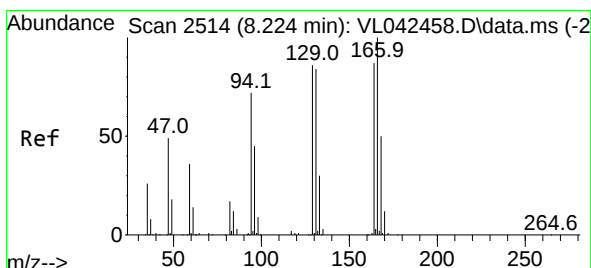
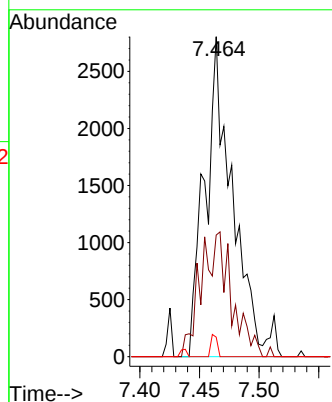
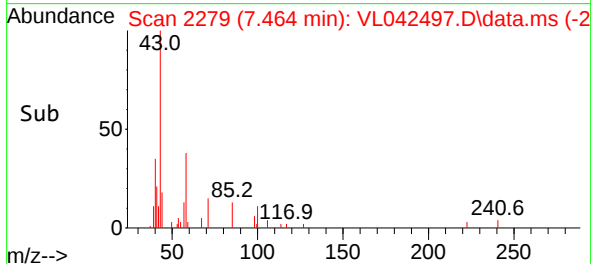
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion: 43 Resp: 4509
Ion Ratio Lower Upper
43 100
58 43.5 37.2 55.8
98 0.0 0.4 0.6

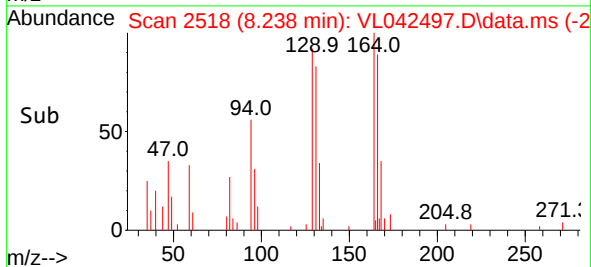
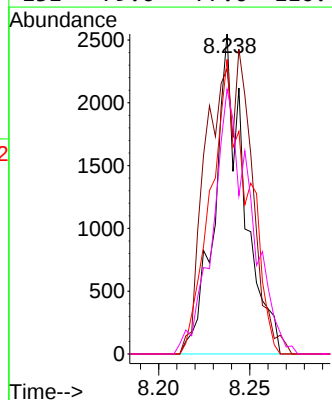
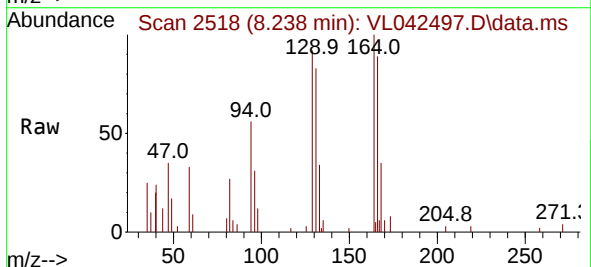
Manual Integrations
APPROVED

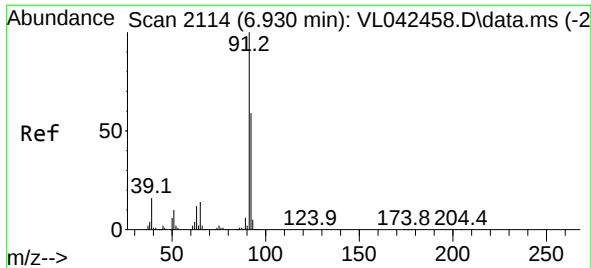
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#52
Tetrachloroethene
Concen: 0.458 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

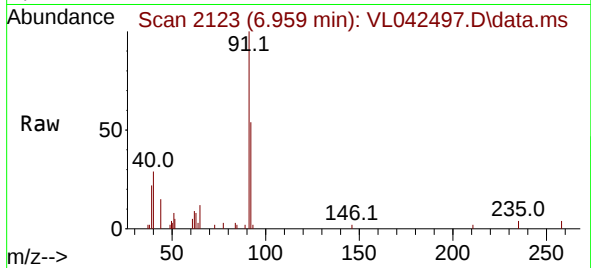
Tgt Ion:164 Resp: 2881
Ion Ratio Lower Upper
164 100
166 89.1 91.6 137.4#
129 92.0 79.0 118.4
131 79.6 77.6 116.4





#53
Toluene
Concen: 0.329 ppbv m
RT: 6.959 min Scan# 2114
Delta R.T. 0.029 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

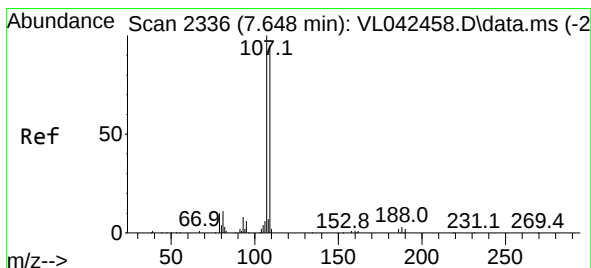
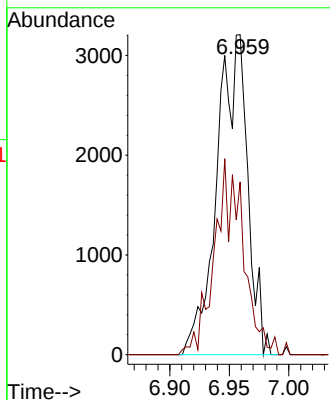
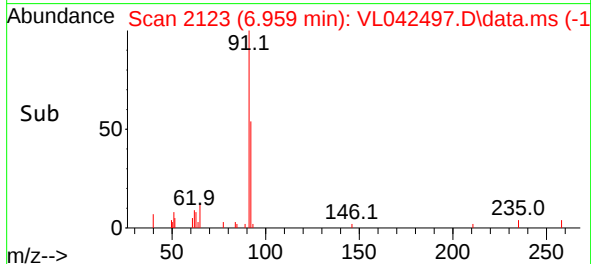
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



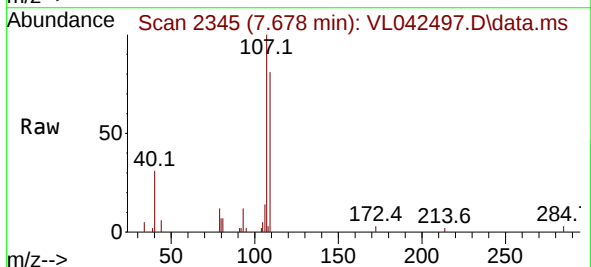
Tgt Ion: 91 Resp: 5750
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

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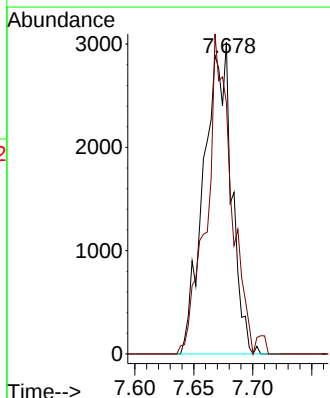
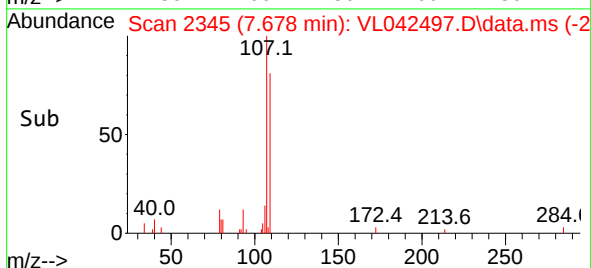
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

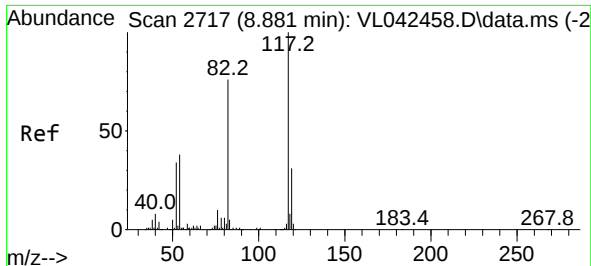


#54
1,2-Dibromoethane
Concen: 0.473 ppbv m
RT: 7.678 min Scan# 2345
Delta R.T. 0.029 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



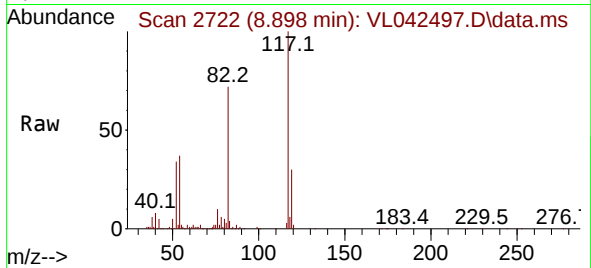
Tgt Ion:107 Resp: 4908
Ion Ratio Lower Upper
107 100
109 80.7 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2717
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

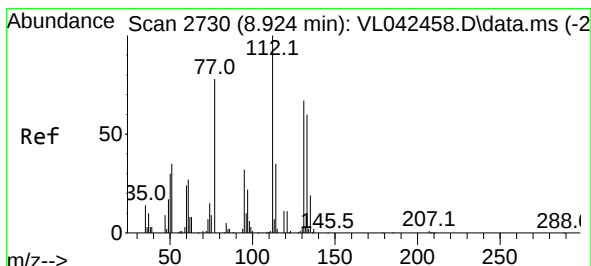
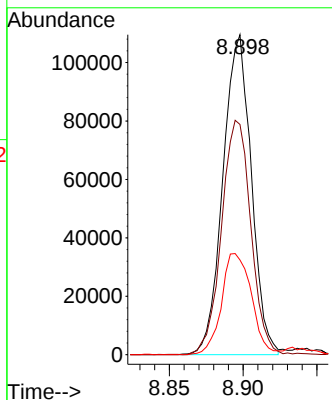
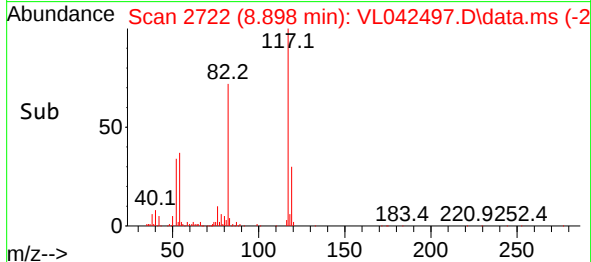
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



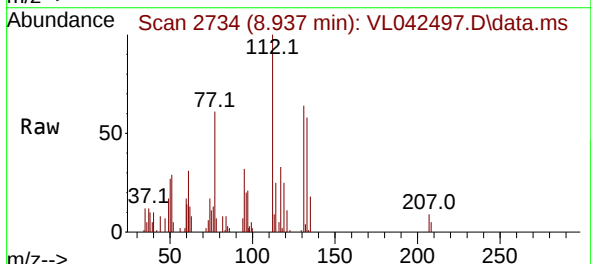
Tgt Ion:117 Resp: 146510
Ion Ratio Lower Upper
117 100
82 76.1 63.5 95.3
119 35.5 25.8 38.8

Manual Integrations
APPROVED

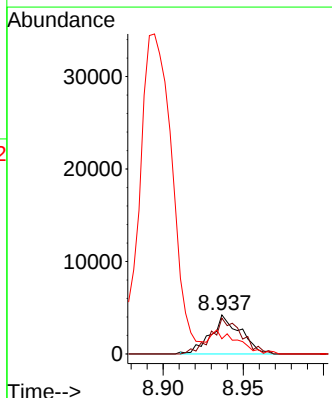
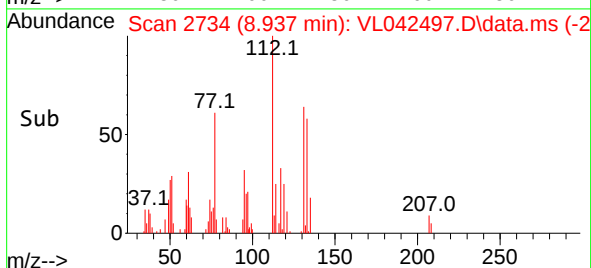
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.626 ppbv m
RT: 8.937 min Scan# 2734
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



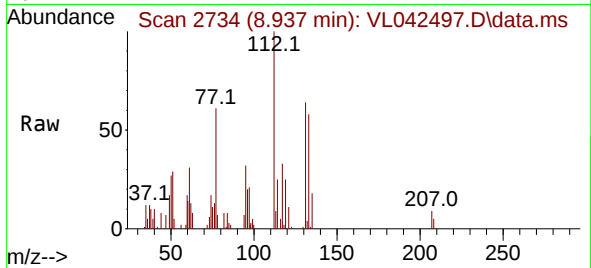
Tgt Ion:131 Resp: 5420
Ion Ratio Lower Upper
131 100
133 93.8 76.0 114.0
119 0.0 46.1 69.1#





#57
Chlorobenzene
Concen: 0.551 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

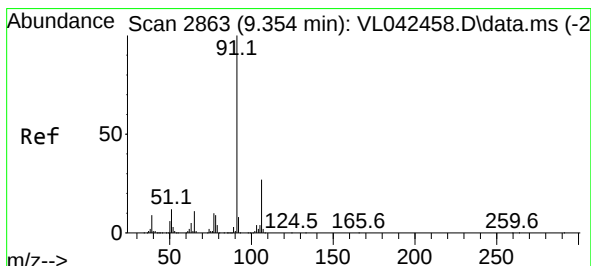
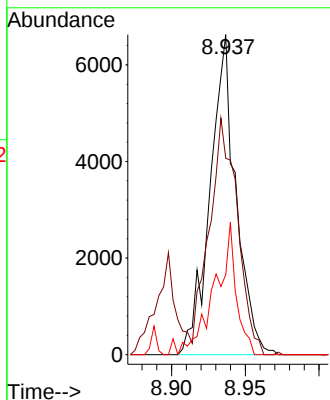
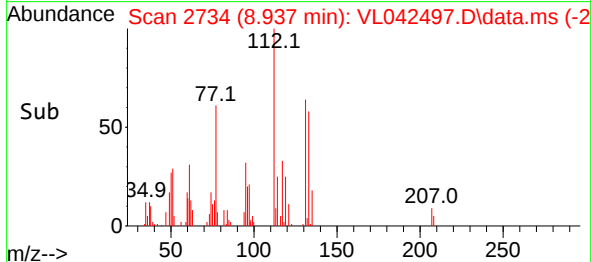
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion:112 Resp: 8109
Ion Ratio Lower Upper
112 100
77 60.6 65.0 97.4
114 25.0 27.5 33.7

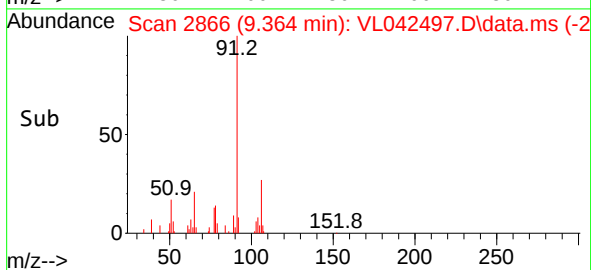
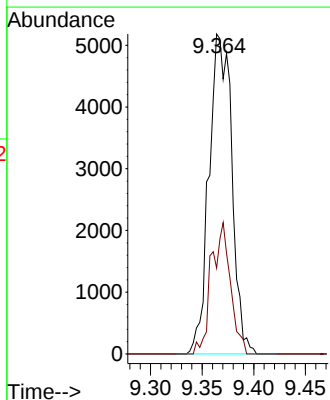
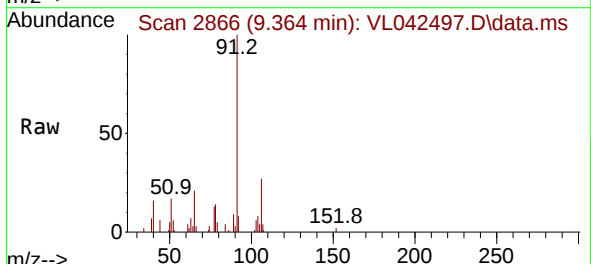
Manual Integrations
APPROVED

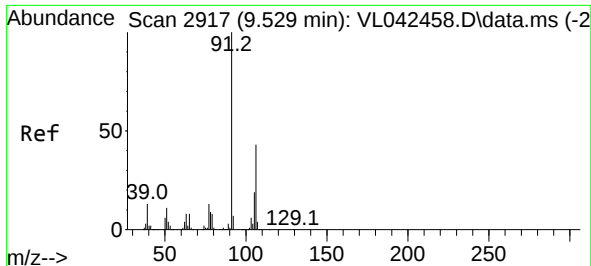
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58
Ethyl Benzene
Concen: 0.325 ppbv m
RT: 9.364 min Scan# 2866
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 91 Resp: 7966
Ion Ratio Lower Upper
91 100
106 26.8 21.9 32.9





#59

m/p-Xylene

Concen: 0.683 ppbv m

RT: 9.548 min Scan# 2917

Delta R.T. 0.020 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

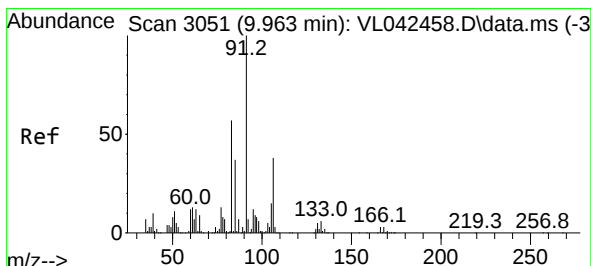
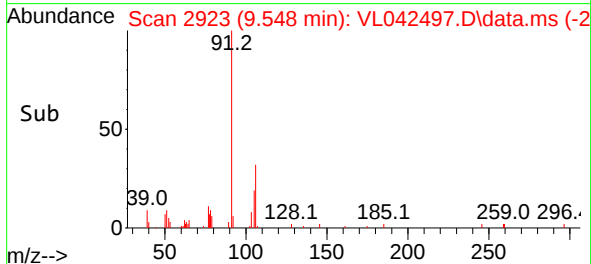
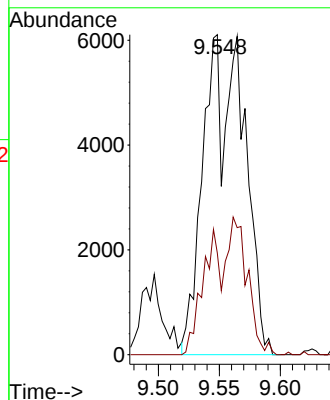
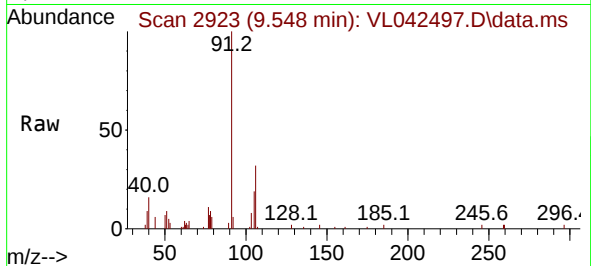
MDL3 0.45

Tgt Ion: 91 Resp: 14019
 Ion Ratio Lower Upper
 91 100
 106 0.0 34.2 51.2

Manual Integrations

APPROVED

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



#60

o-Xylene

Concen: 0.328 ppbv

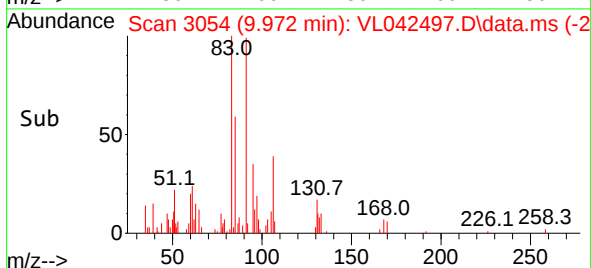
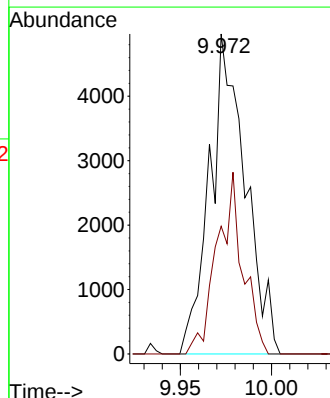
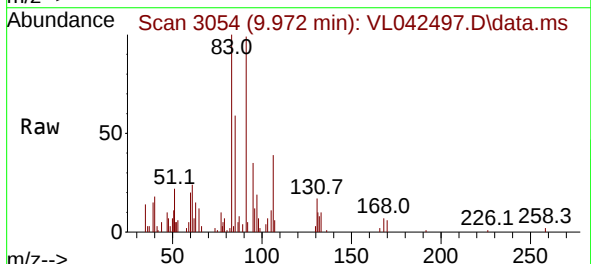
RT: 9.972 min Scan# 3054

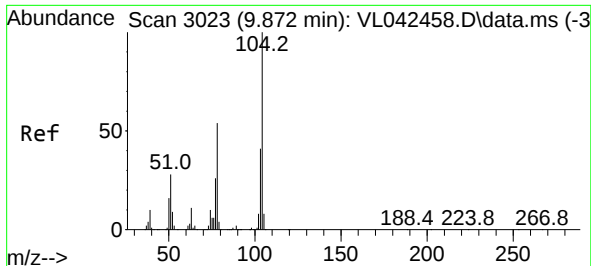
Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Tgt Ion: 91 Resp: 6747
 Ion Ratio Lower Upper
 91 100
 106 41.2 20.1 60.2





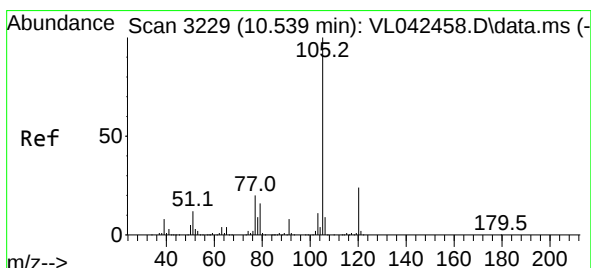
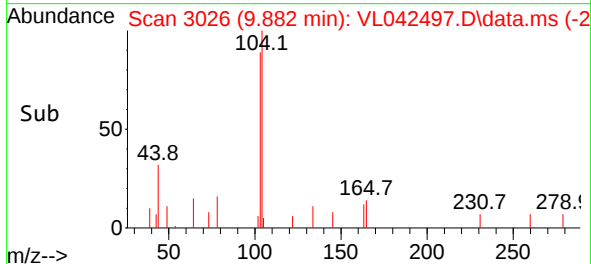
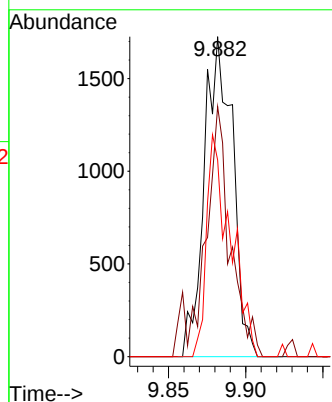
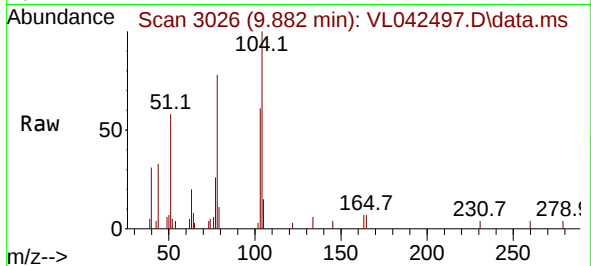
#61
Styrene
Concen: 0.286 ppbv m
RT: 9.882 min Scan# 3023
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion:104 Resp: 2197
Ion Ratio Lower Upper
104 100
78 0.0 46.9 70.3
103 0.0 36.6 55.0

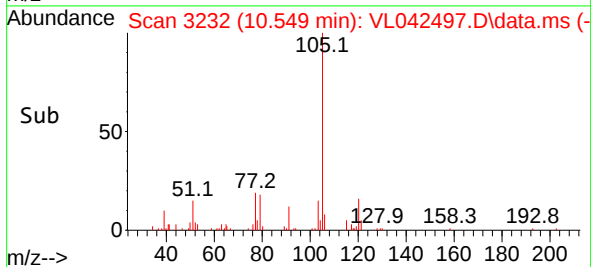
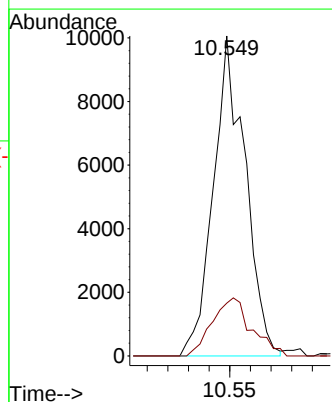
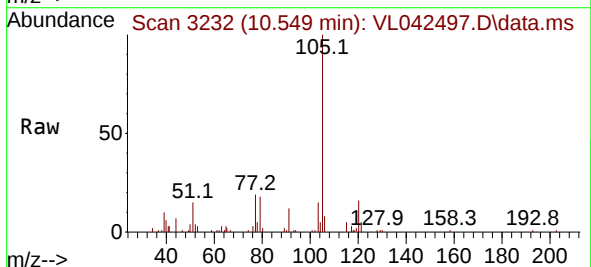
Manual Integrations
APPROVED

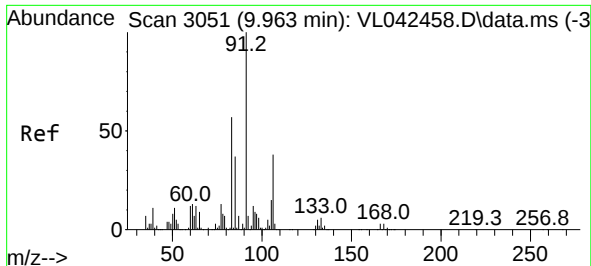
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
Isopropylbenzene
Concen: 0.364 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

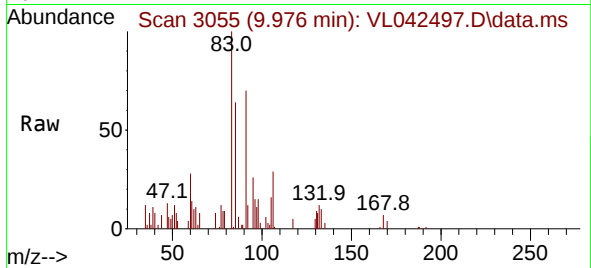
Tgt Ion:105 Resp: 10778
Ion Ratio Lower Upper
105 100
120 22.3 18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.524 ppbv m
RT: 9.976 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

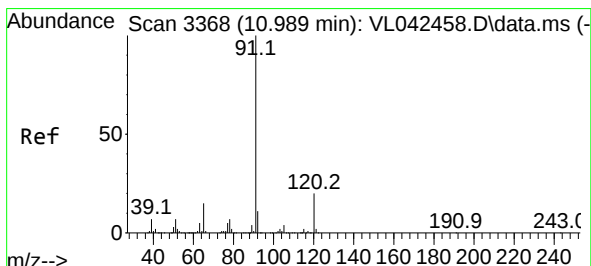
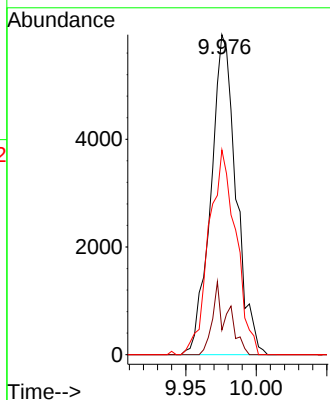
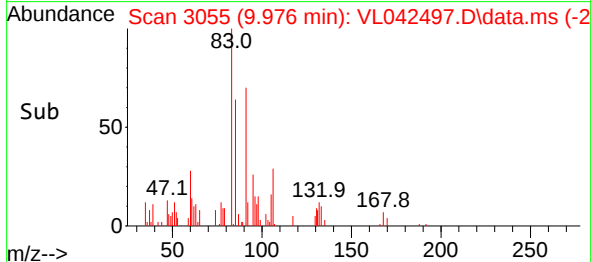
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



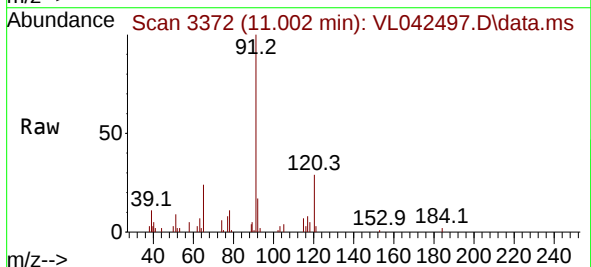
Tgt Ion: 83 Resp: 7418
Ion Ratio Lower Upper
83 100
131 13.9 4.7 14.1
85 68.5 32.5 97.4

Manual Integrations
APPROVED

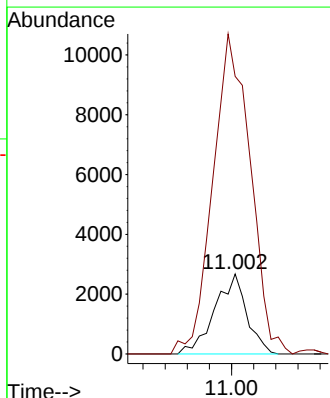
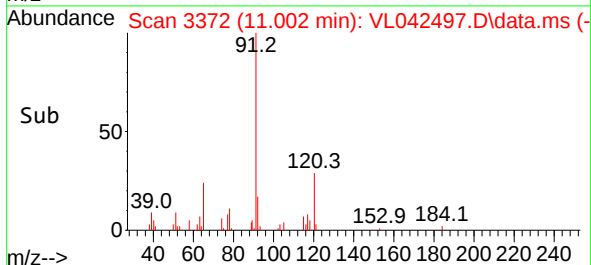
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

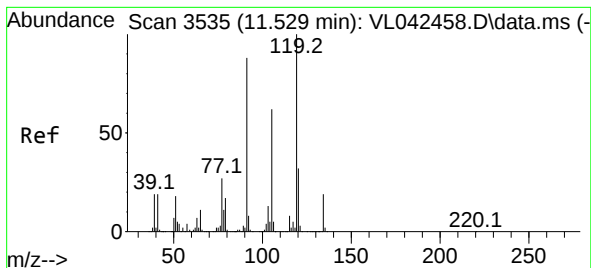


#64
n-propylbenzene
Concen: 0.371 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



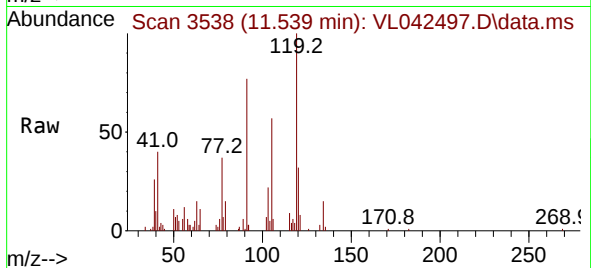
Tgt Ion:120 Resp: 2689
Ion Ratio Lower Upper
120 100
91 473.7 408.6 612.8





#65
tert-Butylbenzene
Concen: 0.335 ppbv
RT: 11.539 min Scan# 3535
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

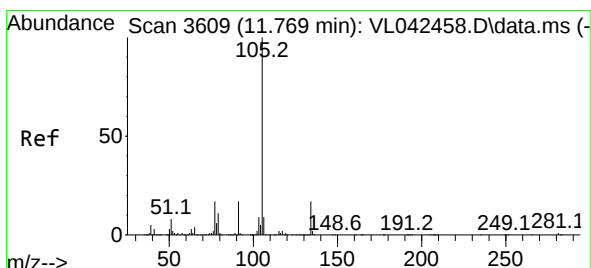
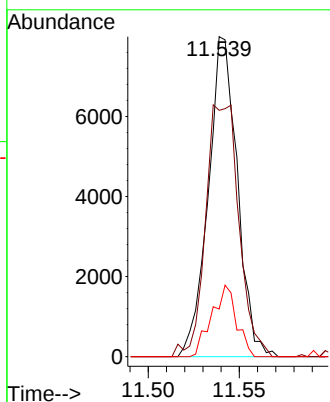
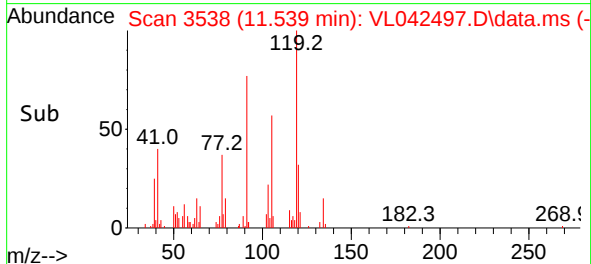
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



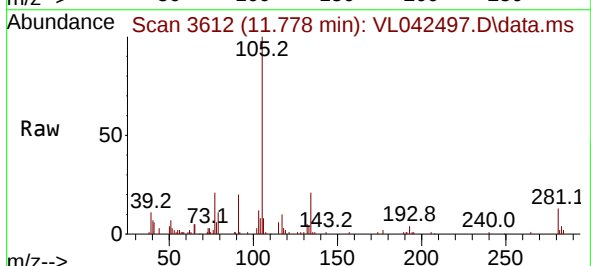
Tgt Ion:119 Resp: 887
Ion Ratio Lower Upper
119 100
91 90.1 71.6 107.4
134 19.0 15.0 22.4

Manual Integrations
APPROVED

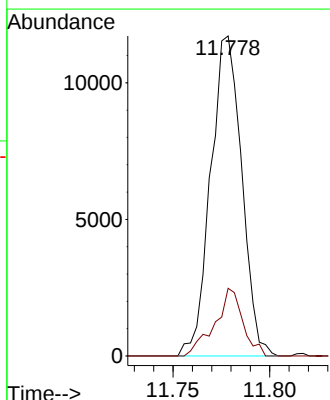
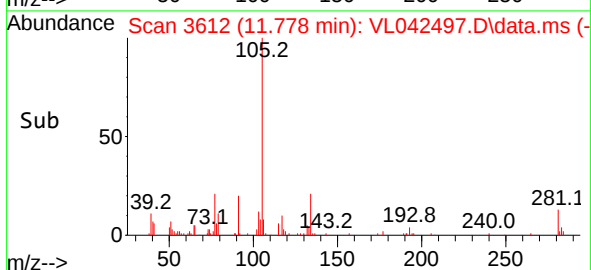
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

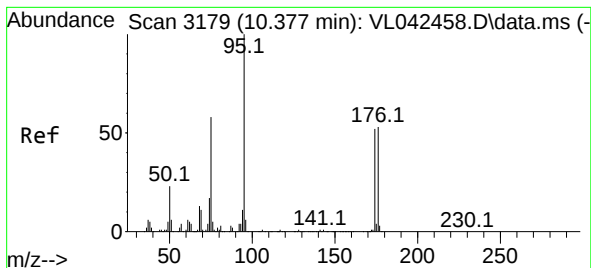


#67
sec-Butylbenzene
Concen: 0.348 ppbv
RT: 11.778 min Scan# 3612
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29



Tgt Ion:105 Resp: 13100
Ion Ratio Lower Upper
105 100
134 18.9 14.1 21.1





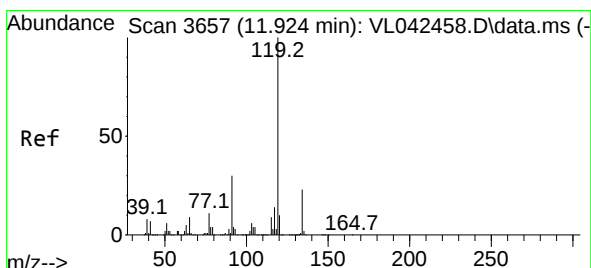
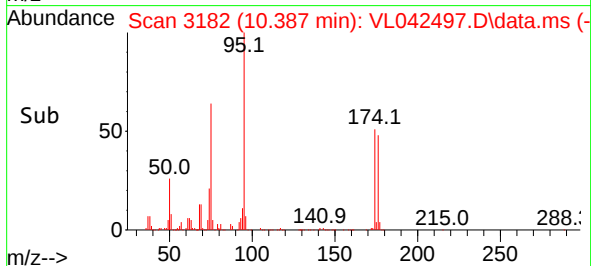
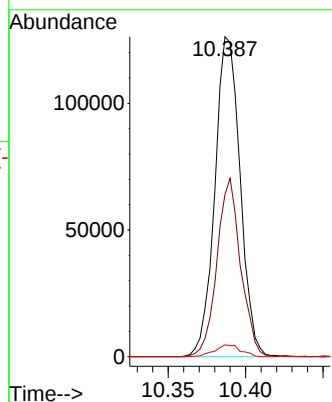
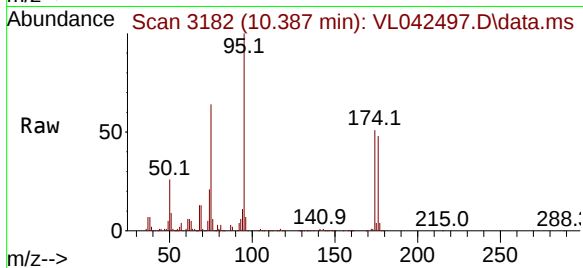
#68
1-Bromo-4-Fluorobenzene
Concen: 10.547 ppbv
RT: 10.387 min Scan# 3179
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 95 Resp: 143269
Ion Ratio Lower Upper
95 100
174 52.3 42.7 64.1
175 3.8 3.6 5.4

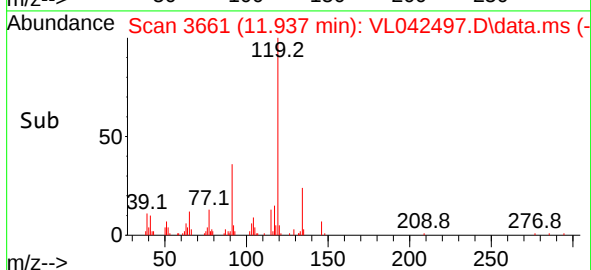
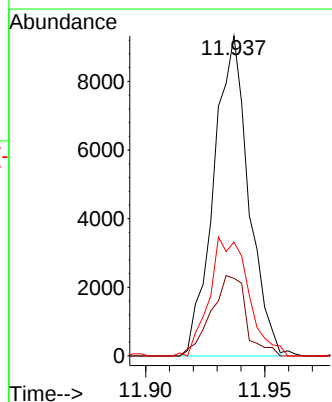
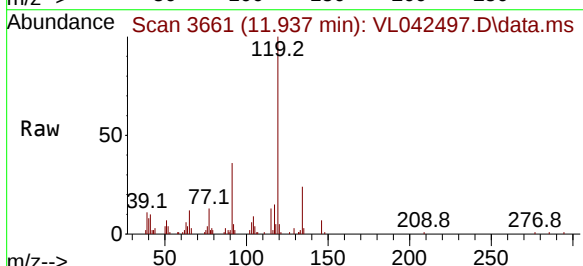
Manual Integrations
APPROVED

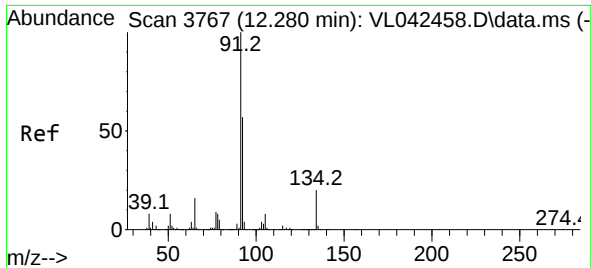
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#69
p-Isopropyltoluene
Concen: 0.301 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:119 Resp: 9527
Ion Ratio Lower Upper
119 100
134 25.0 19.0 28.4
91 41.0 25.5 38.3#





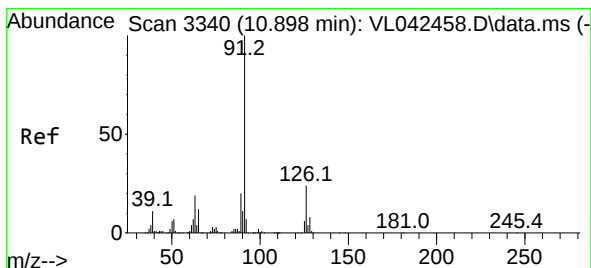
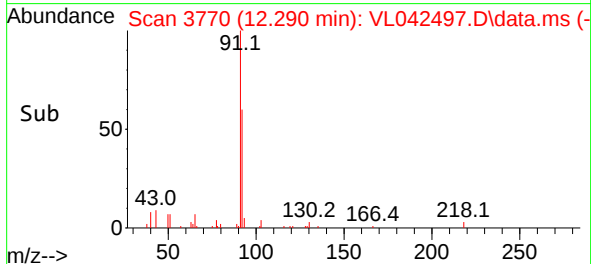
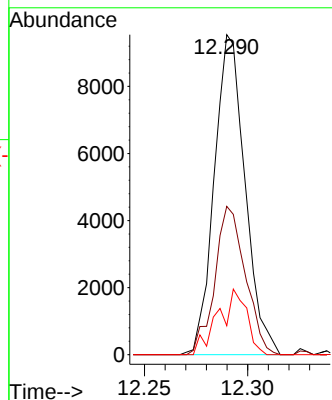
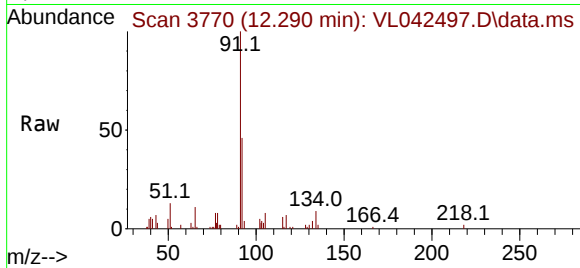
#70
n-Butylbenzene
Concen: 0.302 ppbv
RT: 12.290 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion: 91 Resp: 988
Ion Ratio Lower Upper
91 100
92 46.5 44.0 66.0
134 19.1 16.8 25.2

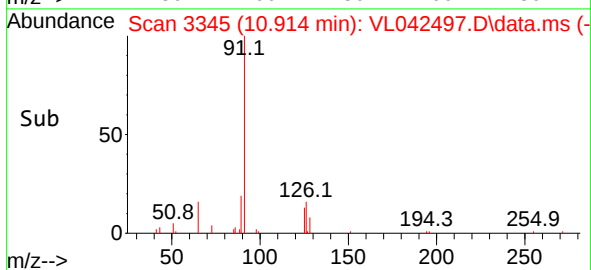
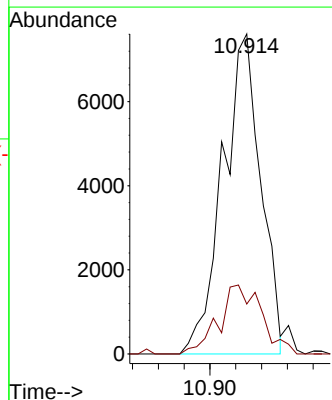
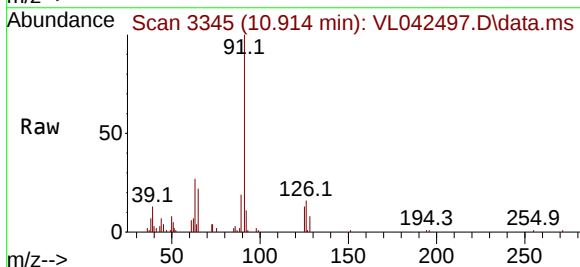
Manual Integrations
APPROVED

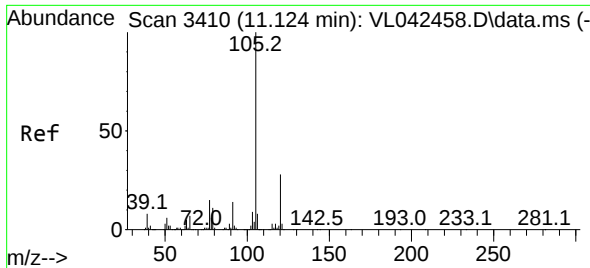
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#71
2-Chlorotoluene
Concen: 0.335 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

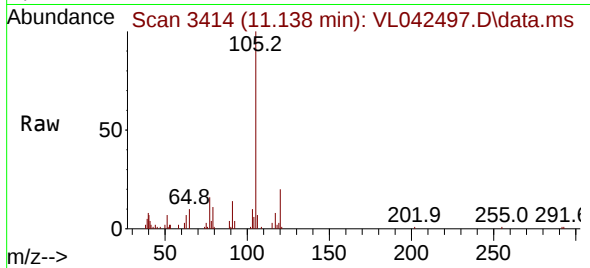
Tgt Ion: 91 Resp: 7782
Ion Ratio Lower Upper
91 100
126 24.4 10.6 42.2





#72
4-Ethyltoluene
Concen: 0.308 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

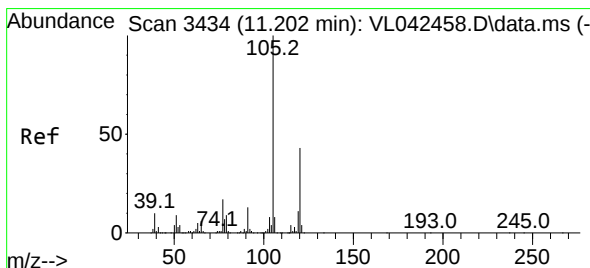
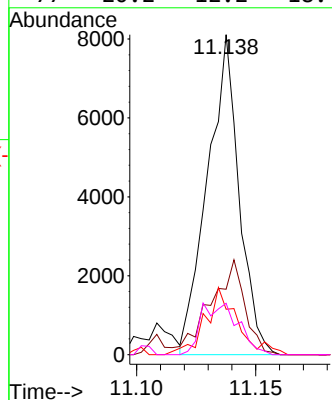
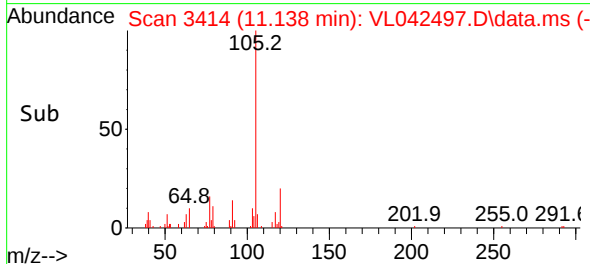
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45



Tgt Ion:105 Resp: 7461
Ion Ratio Lower Upper
105 100
120 35.6 22.0 33.0#
91 22.1 11.2 16.8#
77 20.2 12.2 18.4#

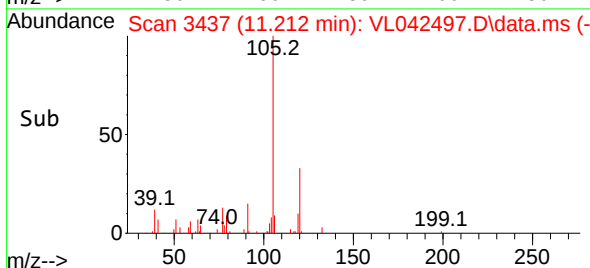
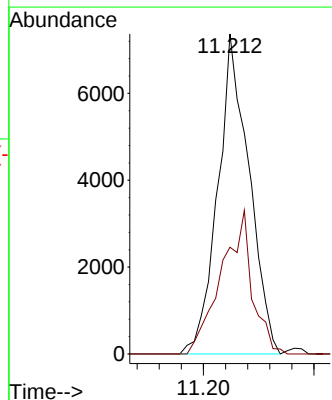
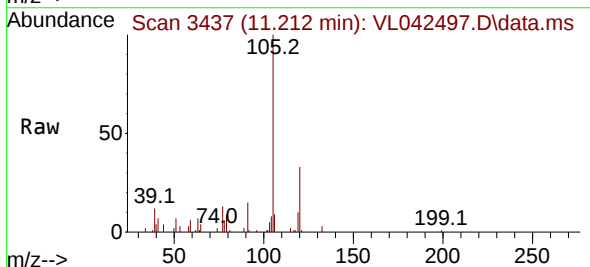
Manual Integrations
APPROVED

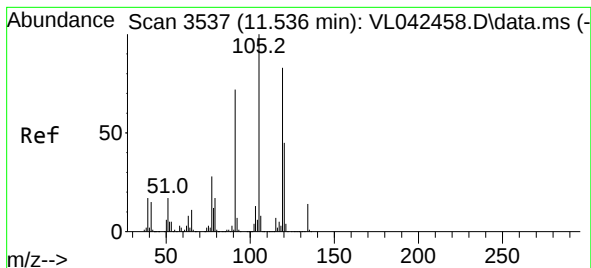
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#73
1,3,5-Trimethylbenzene
Concen: 0.339 ppbv
RT: 11.212 min Scan# 3437
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:105 Resp: 7226
Ion Ratio Lower Upper
105 100
120 33.4 34.4 51.6#





#74

1,2,4-Trimethylbenzene

Concen: 0.365 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

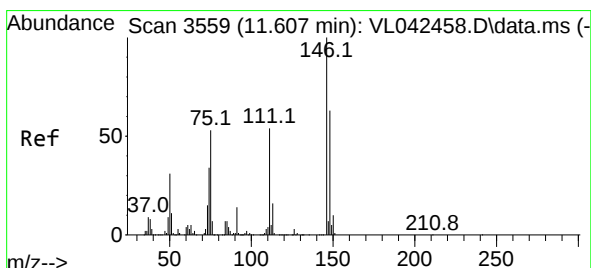
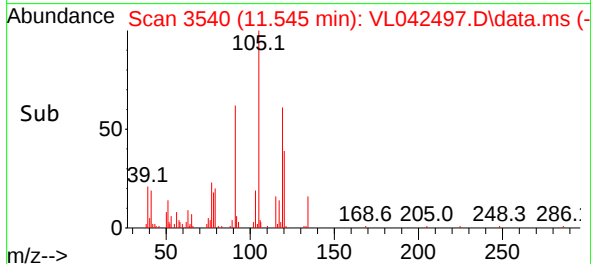
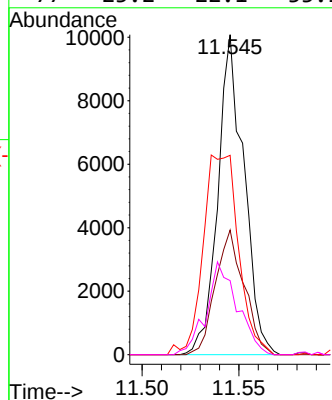
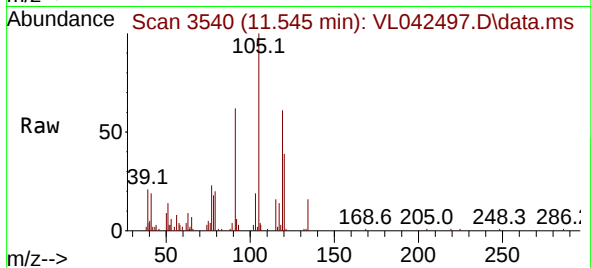
Tgt Ion:	105	Resp:	9418
Ion	Ratio	Lower	Upper
105	100		
120	39.0	36.1	54.1
91	62.3	57.6	86.4
77	23.2	22.1	33.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#75

1,3-Dichlorobenzene

Concen: 0.476 ppbv

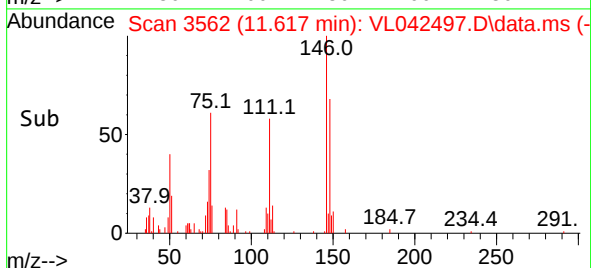
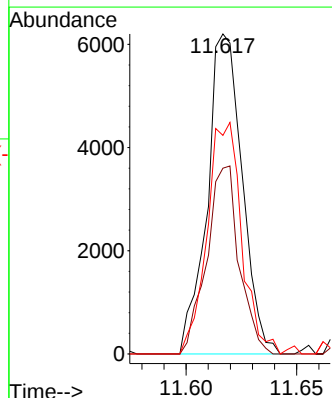
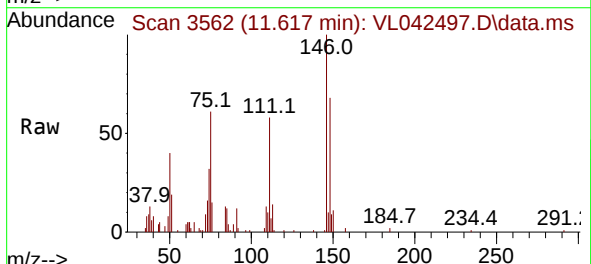
RT: 11.617 min Scan# 3562

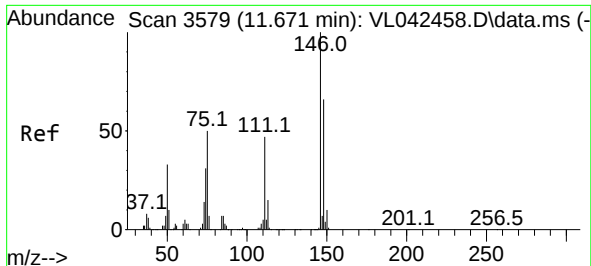
Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Tgt Ion:	146	Resp:	6836
Ion	Ratio	Lower	Upper
146	100		
111	54.6	26.1	78.3
148	71.4	32.0	96.0





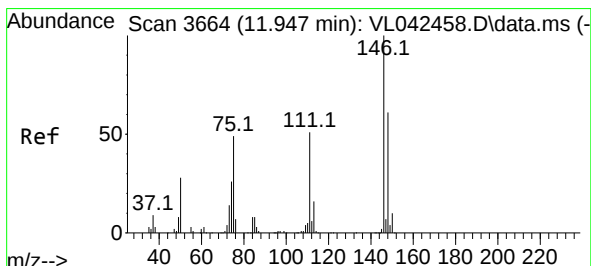
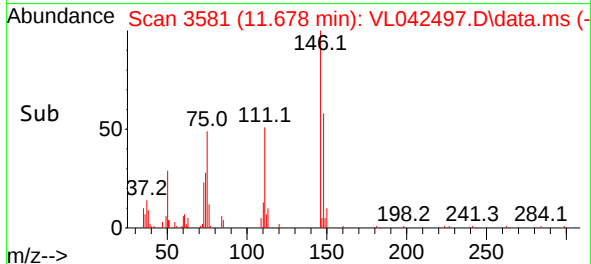
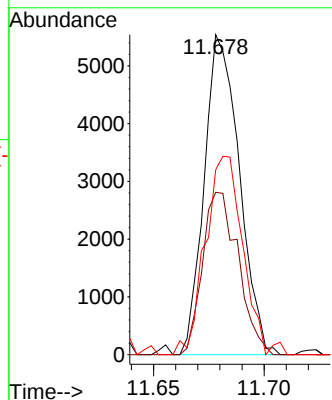
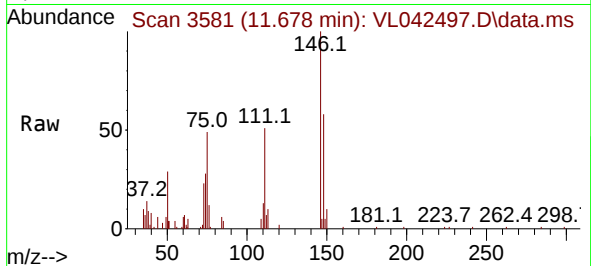
#76
1,4-Dichlorobenzene
Concen: 0.450 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion:146 Resp: 6114
Ion Ratio Lower Upper
146 100
111 51.7 24.4 73.2
148 66.5 32.0 96.2

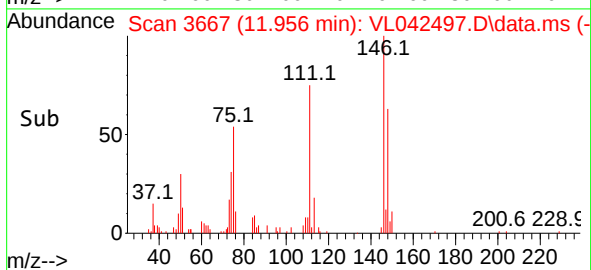
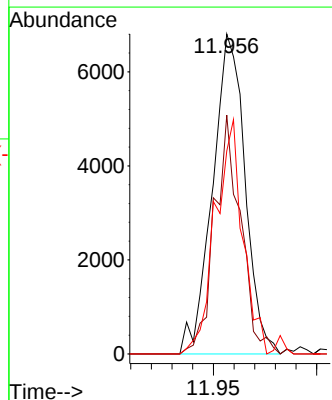
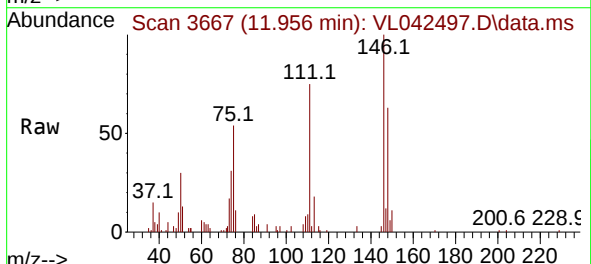
Manual Integrations
APPROVED

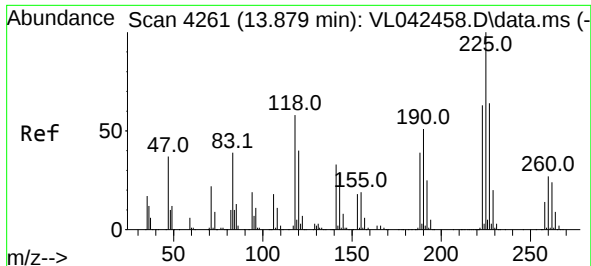
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#77
1,2-Dichlorobenzene
Concen: 0.531 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:146 Resp: 7457
Ion Ratio Lower Upper
146 100
111 60.4 26.5 79.5
148 63.6 31.5 94.5





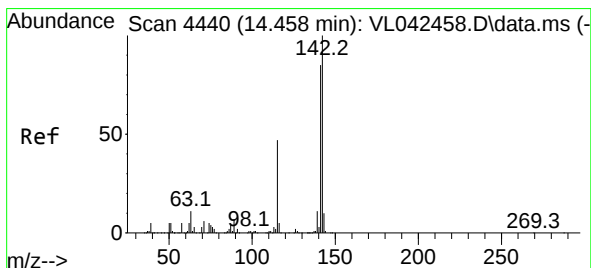
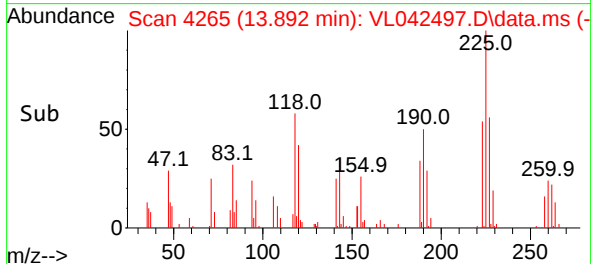
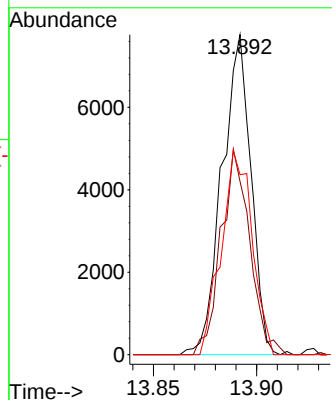
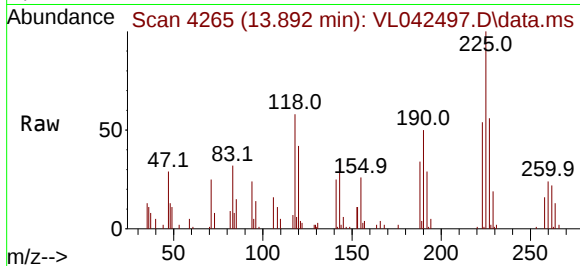
#78
Hexachloro-1,3-Butadiene
Concen: 0.540 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

Tgt Ion:225 Resp: 757
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.4
227 67.7 51.2 76.8

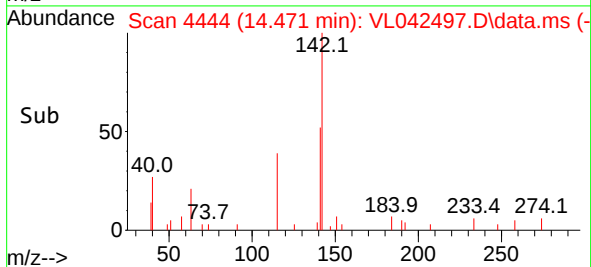
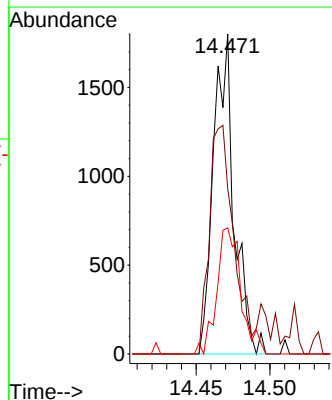
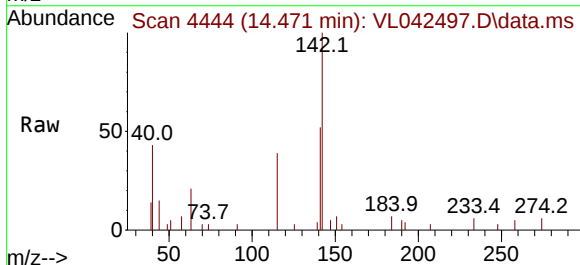
Manual Integrations
APPROVED

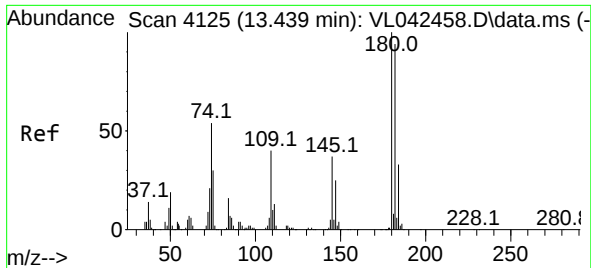
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#80
Naphthalene,2-methyl-
Concen: 0.108 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

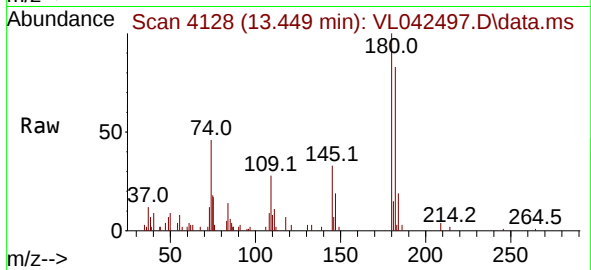
Tgt Ion:142 Resp: 1745
Ion Ratio Lower Upper
142 100
141 103.2 67.4 101.0#
115 46.1 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.329 ppbv
 RT: 13.449 min Scan# 4125
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	74.6	111.8
184	30.2	24.9	37.3

Manual Integrations
 APPROVED

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

