

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041877.D
 Acq On : 09 Jan 2025 21:16
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 01:49:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	127347	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	371788	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	336513	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.386 95 271852 10.075 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.502	85	9803m	0.469	ppbv	
3) Chlorodifluoromethane	1.479	51	10744	0.468	ppbv #	92
4) Chloromethane	1.534	50	4409	0.543	ppbv	98
5) Vinyl Chloride	1.583	62	4405	0.510	ppbv	97
6) Bromomethane	1.670	94	1998	0.491	ppbv	84
7) Chloroethane	1.709	64	1911	0.570	ppbv	95
8) Dichlorotetrafluoroethane	1.557	85	9574	0.527	ppbv	89
9) Propene	1.486	41	5690	0.531	ppbv	94
10) Heptane	5.004	43	12010m	0.425	ppbv	
11) Trichlorofluoromethane	1.884	101	11291	0.525	ppbv	88
12) 1,1,2-Trichlorotrifluo...	2.149	101	9194	0.529	ppbv	91
13) Ethanol	1.725	45	627m	0.921	ppbv	
14) Bromoethene	1.787	108	3067	0.493	ppbv #	87
15) Acetone	1.842	43	12885	0.600	ppbv	97
16) 1,3-Butadiene	1.612	39	4758	0.516	ppbv	93
17) tert-Butyl alcohol	2.049	59	12089	0.496	ppbv #	89
18) 1,1-Dichloroethene	2.039	96	3921m	0.498	ppbv	
19) Isopropyl Alcohol	1.894	45	6668	0.591	ppbv #	36
20) Methylene Chloride	2.068	84	4975	0.679	ppbv	90
21) Allyl Chloride	2.104	41	6358	0.463	ppbv #	84
22) trans-1,2-Dichloroethene	2.350	96	4078m	0.448	ppbv	
23) Vinyl Acetate	2.470	43	4689m	0.431	ppbv	
24) 1,1-Dichloroethane	2.418	63	9175	0.532	ppbv	100
25) Ethyl Acetate	2.848	43	24334	0.456	ppbv	97
26) Hexane	2.835	57	10167	0.463	ppbv	95
27) Carbon Disulfide	2.156	76	8696	0.414	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	6776	0.404	ppbv #	83
29) Chloroform	2.858	83	15631	0.509	ppbv #	82
30) Cyclohexane	3.871	84	8647	0.459	ppbv	94
31) cis-1,2-Dichloroethene	2.732	61	10336	0.482	ppbv	93
32) 1,1,1-Trichloroethane	3.382	97	13358	0.438	ppbv	96
34) 2-Butanone	2.570	43	14574	0.472	ppbv	96
35) Carbon Tetrachloride	3.777	117	12744	0.441	ppbv #	95
36) Benzene	3.670	78	20257	0.470	ppbv #	83
37) 1,2-Dichloroethane	3.227	62	11849	0.524	ppbv	98
38) Trichloroethene	4.564	130	8209m	0.482	ppbv	
39) 1,2-Dichloropropane	4.337	63	8060m	0.525	ppbv	
40) 1,4-Dioxane	4.635	88	3776m	0.489	ppbv	
41) Tetrahydrofuran	3.078	42	8466	0.466	ppbv	99
42) Bromodichloromethane	4.502	83	14016m	0.451	ppbv	
43) Methyl Methacrylate	4.904	69	7747m	0.439	ppbv	
44) 2,2,4-Trimethylpentane	4.658	57	34042	0.467	ppbv	97
45) t-1,3-Dichloropropene	6.438	75	7466m	0.413	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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Instrument :
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 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 01:49:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

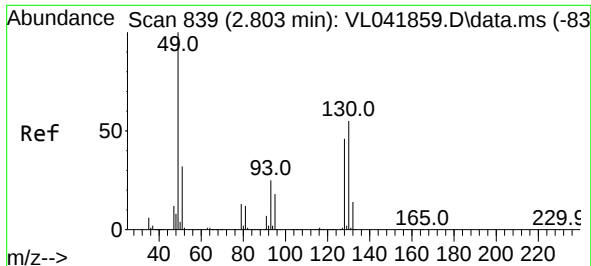
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

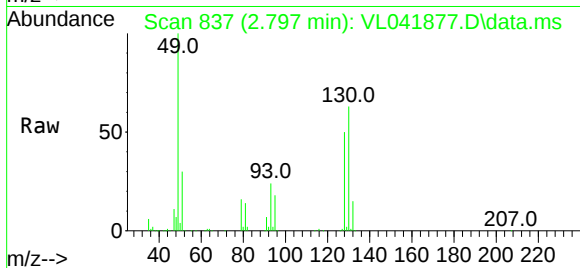
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	9399m	0.405	ppbv	
47) 1,1,2-Trichloroethane	6.609	97	7359m	0.456	ppbv	
48) Dibromochloromethane	7.402	129	9624	0.393	ppbv	96
49) Bromoform	9.493	173	7655	0.358	ppbv	99
50) 4-Methyl-2-Pentanone	5.800	43	19594m	0.444	ppbv	
51) 2-Hexanone	7.461	43	14919m	0.411	ppbv	
52) Tetrachloroethene	8.234	164	7504m	0.454	ppbv	
53) Toluene	6.952	91	23105m	0.450	ppbv	
54) 1,2-Dibromoethane	7.664	107	10438	0.475	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.936	131	9676	0.482	ppbv #	1
57) Chlorobenzene	8.933	112	18725	0.499	ppbv	88
58) Ethyl Benzene	9.364	91	29925	0.433	ppbv	99
59) m/p-Xylene	9.545	91	49892m	0.912	ppbv	
60) o-Xylene	9.972	91	24391	0.447	ppbv	98
61) Styrene	9.882	104	11338	0.416	ppbv	96
62) Isopropylbenzene	10.552	105	37184	0.453	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.975	83	15075	0.460	ppbv	90
64) n-propylbenzene	10.998	120	9322	0.436	ppbv	96
65) tert-Butylbenzene	11.542	119	34265	0.461	ppbv	96
66) Benzyl Chloride	11.623	91	2375	0.309	ppbv	98
67) sec-Butylbenzene	11.778	105	48652	0.475	ppbv	98
69) p-Isopropyltoluene	11.937	119	39326	0.450	ppbv	99
70) n-Butylbenzene	12.293	91	38289	0.437	ppbv	100
71) 2-Chlorotoluene	10.911	91	27864	0.438	ppbv	98
72) 4-Ethyltoluene	11.134	105	29242	0.437	ppbv	98
73) 1,3,5-Trimethylbenzene	11.215	105	24983	0.440	ppbv	92
74) 1,2,4-Trimethylbenzene	11.548	105	28377	0.460	ppbv #	89
75) 1,3-Dichlorobenzene	11.616	146	18072	0.489	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	17706	0.484	ppbv	98
77) 1,2-Dichlorobenzene	11.956	146	18212	0.521	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	14604	0.486	ppbv	97
79) Naphthalene	13.523	128	27332	0.411	ppbv #	94
80) Naphthalene,2-methyl-	14.471	142	12032	0.336	ppbv	100
81) 1,2,4-Trichlorobenzene	13.448	180	14159	0.448	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

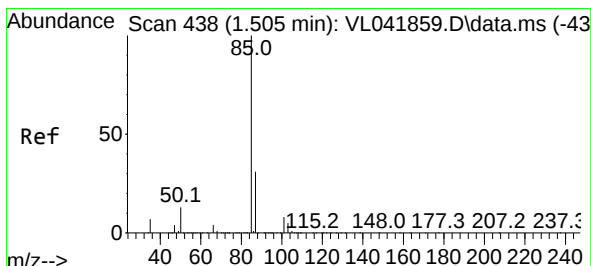
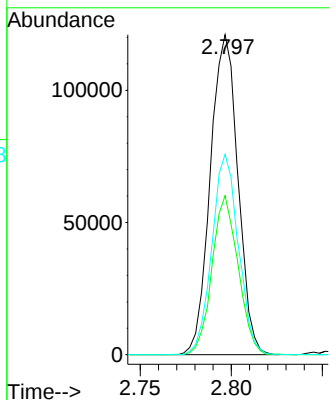
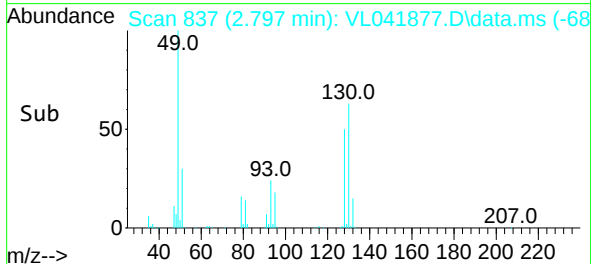
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 49 Resp: 12734
Ion Ratio Lower Upper
49 100
128 46.9 23.2 69.5
130 60.2 29.9 89.8

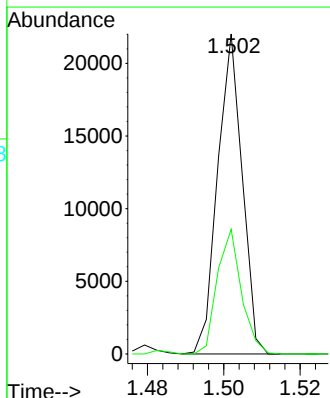
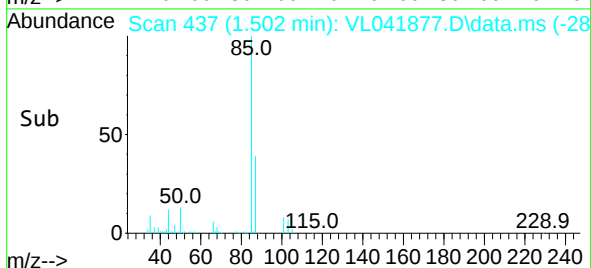
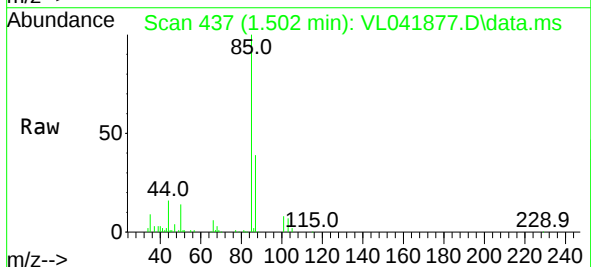
Manual Integrations
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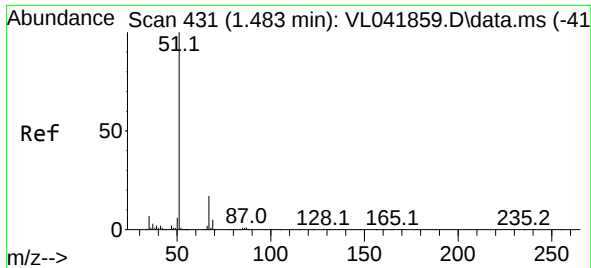
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#2
Dichlorodifluoromethane
Concen: 0.469 ppbv m
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

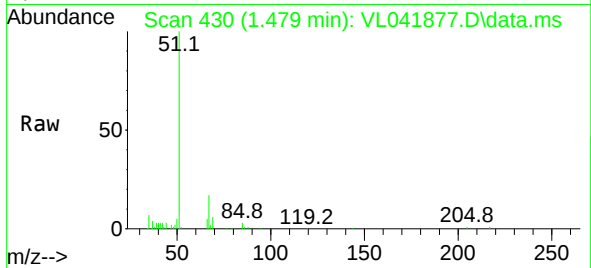
Tgt Ion: 85 Resp: 9803
Ion Ratio Lower Upper
85 100
87 38.9 25.2 37.8#





#3
Chlorodifluoromethane
Concen: 0.468 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

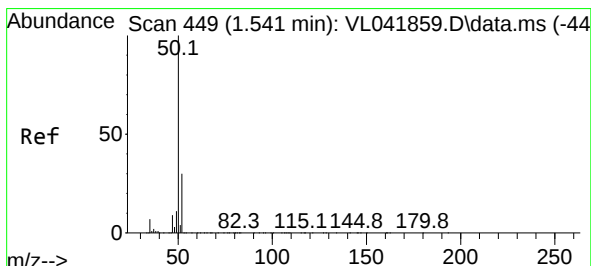
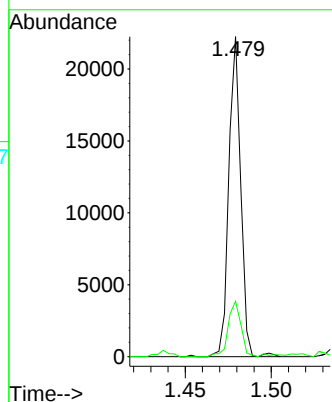
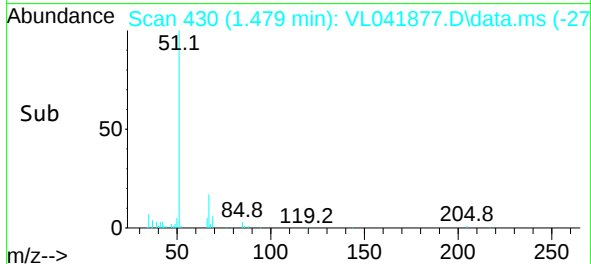
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



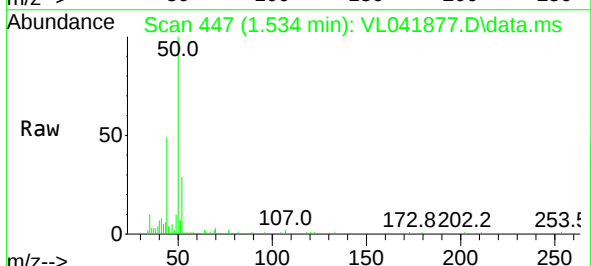
Tgt Ion: 51 Resp: 10744
Ion Ratio Lower Upper
51 100
67 21.0 13.8 20.8

Manual Integrations
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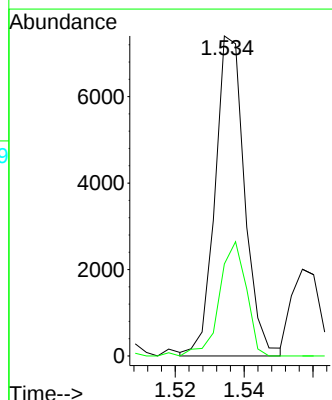
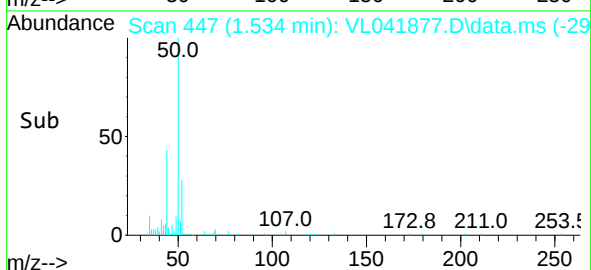
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

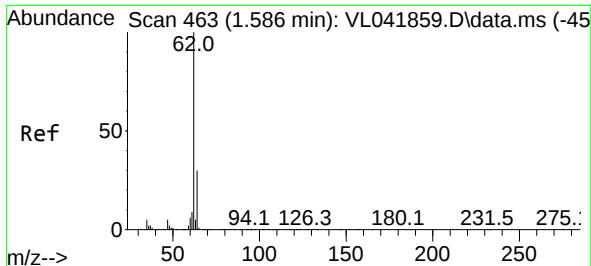


#4
Chloromethane
Concen: 0.543 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



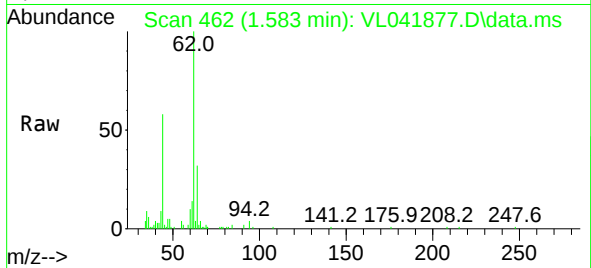
Tgt Ion: 50 Resp: 4409
Ion Ratio Lower Upper
50 100
52 29.0 23.9 35.9





#5
 Vinyl Chloride
 Concen: 0.510 ppbv
 RT: 1.583 min Scan# 409
 Delta R.T. -0.003 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16

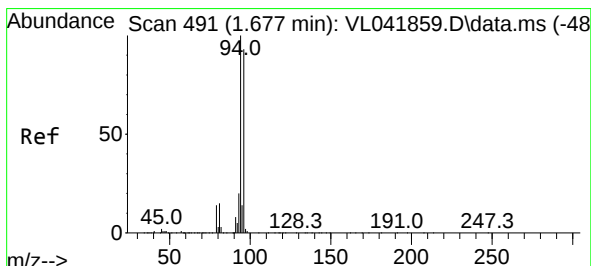
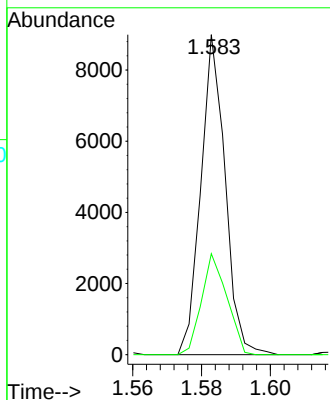
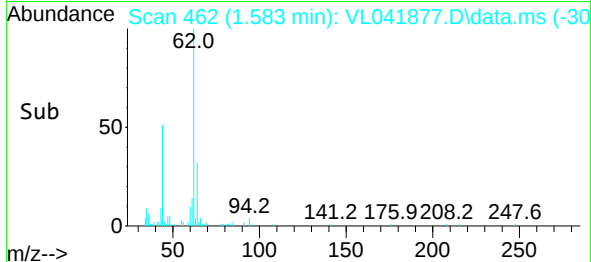
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



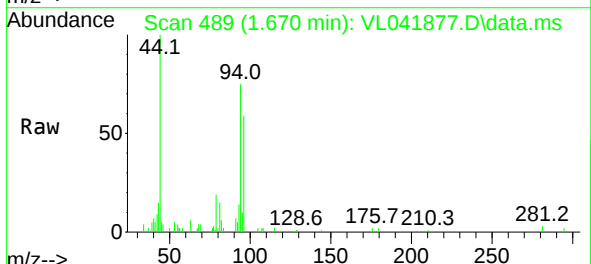
Tgt Ion: 62 Resp: 4409
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.1 36.1

Manual Integrations
 APPROVED

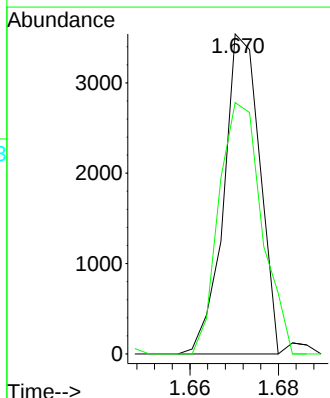
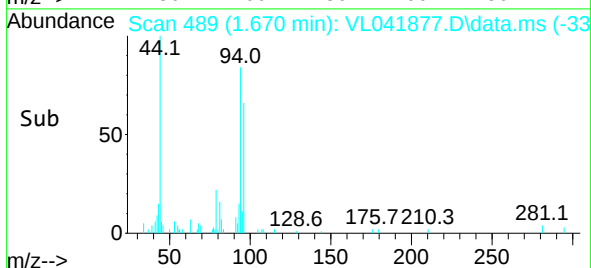
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

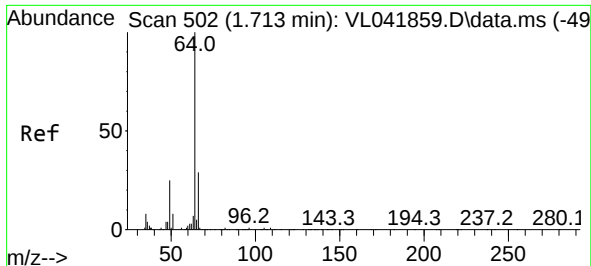


#6
 Bromomethane
 Concen: 0.491 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.007 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16



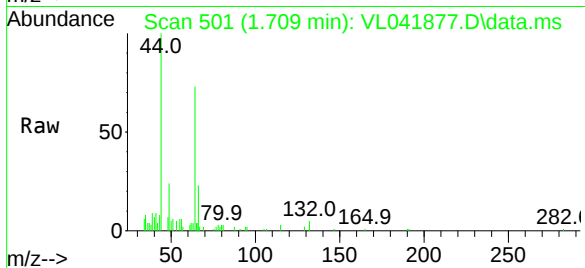
Tgt Ion: 94 Resp: 1998
 Ion Ratio Lower Upper
 94 100
 96 78.5 74.8 112.2





#7
Chloroethane
Concen: 0.570 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

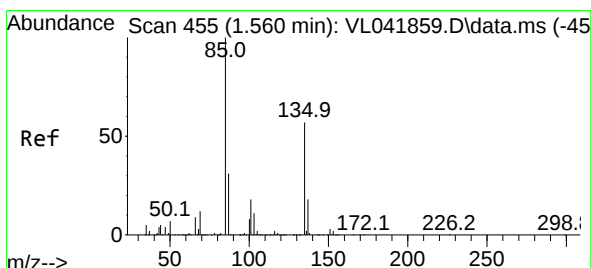
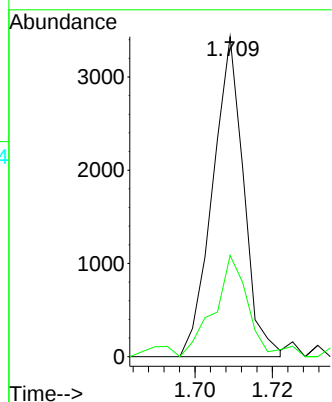
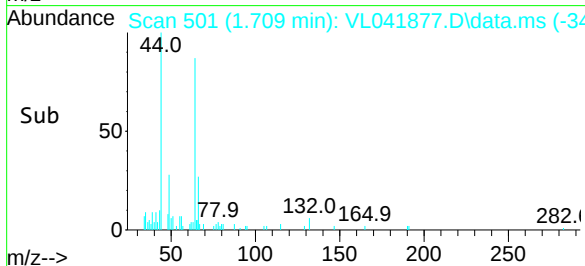
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 31.6 23.0 34.6

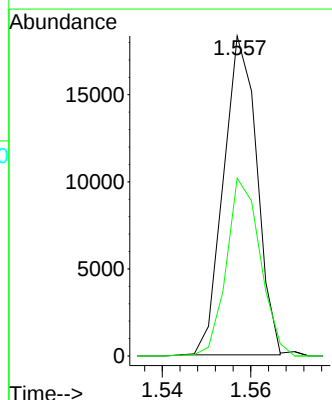
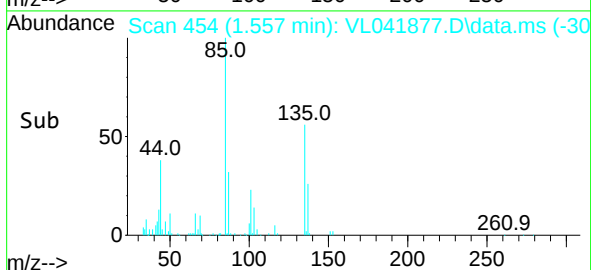
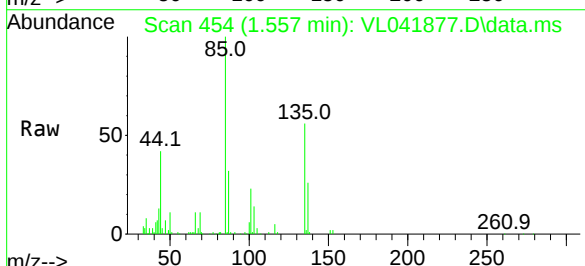
Manual Integrations
APPROVED

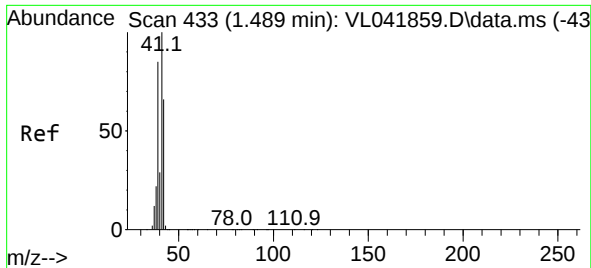
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#8
Dichlorotetrafluoroethane
Concen: 0.527 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

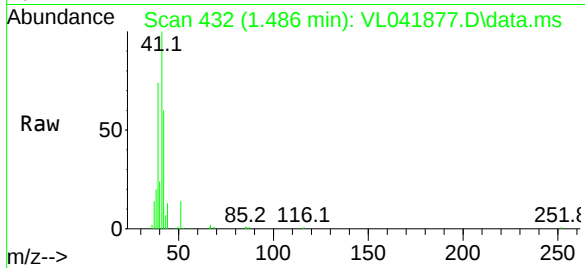
Tgt Ion: 85 Resp: 9574
Ion Ratio Lower Upper
85 100
135 56.5 52.2 78.4





#9
 Propene
 Concen: 0.531 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16

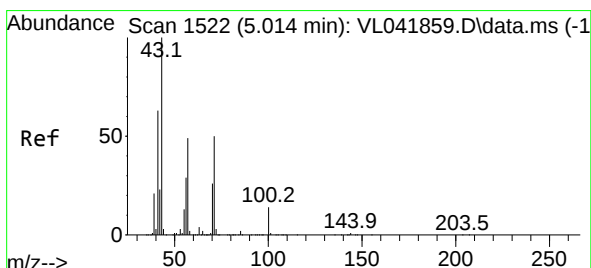
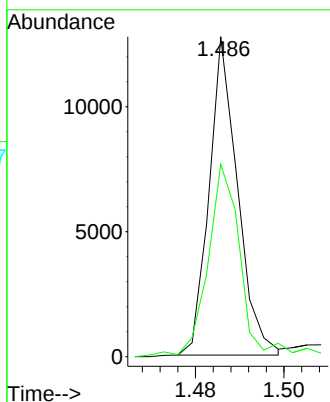
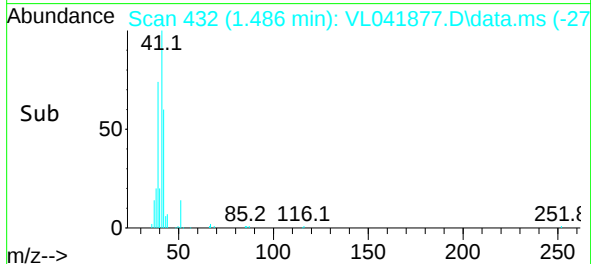
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



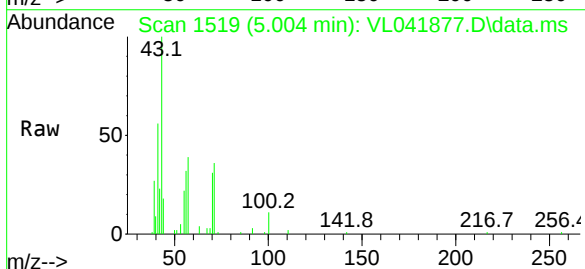
Tgt Ion: 41 Resp: 5690
 Ion Ratio Lower Upper
 41 100
 42 71.5 53.0 79.6

Manual Integrations
 APPROVED

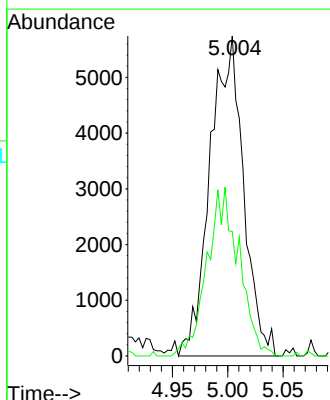
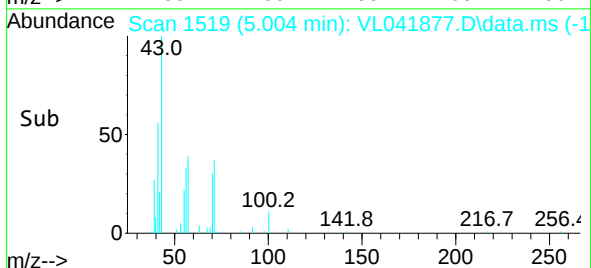
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

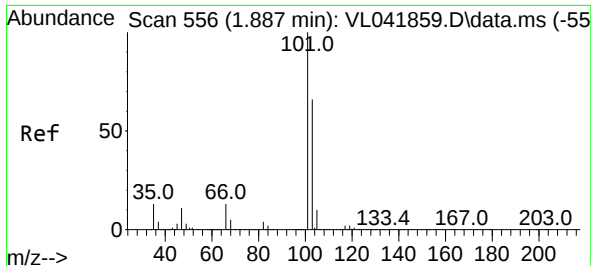


#10
 Heptane
 Concen: 0.425 ppbv m
 RT: 5.004 min Scan# 1519
 Delta R.T. -0.010 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16



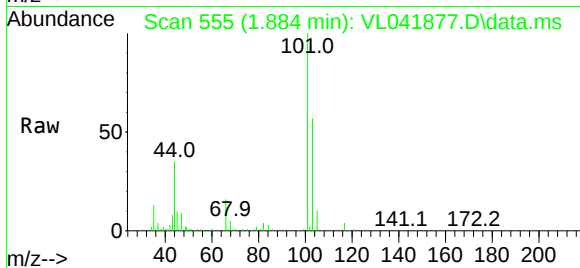
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 Ion Ratio Lower Upper
 43 100
 57 50.5 40.2 60.2





#11
Trichlorofluoromethane
Concen: 0.525 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

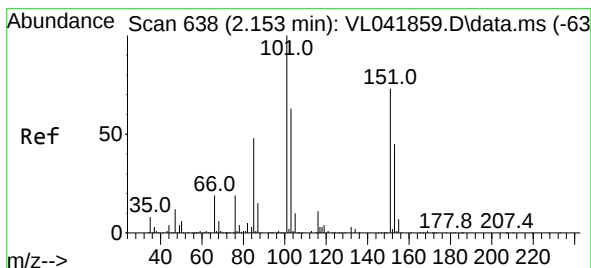
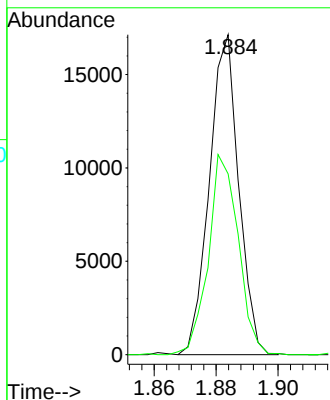
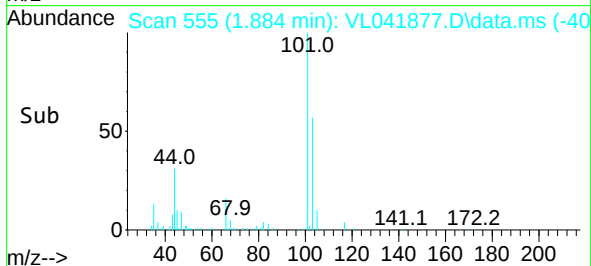
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



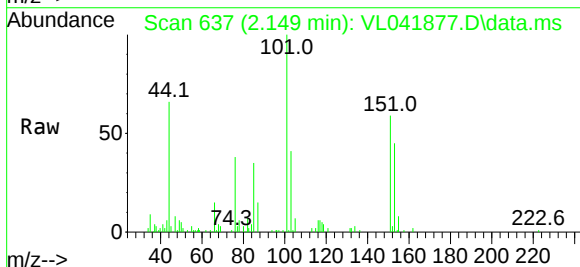
Tgt Ion:101 Resp: 1129
Ion Ratio Lower Upper
101 100
103 56.2 52.6 78.8

Manual Integrations
APPROVED

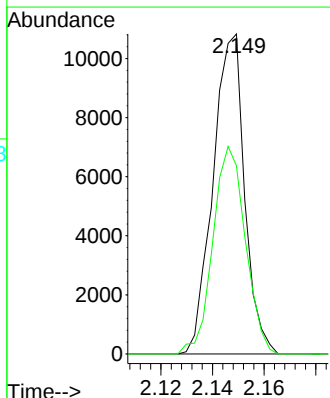
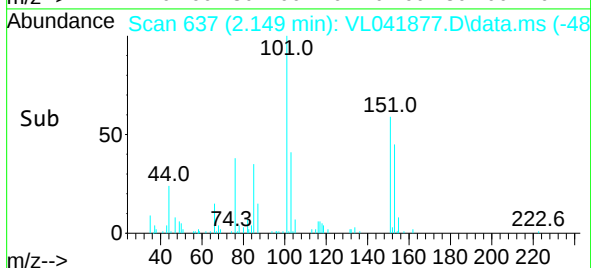
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.529 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



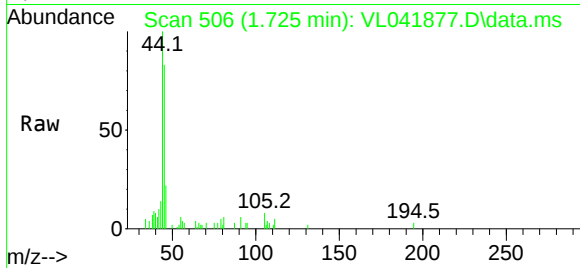
Tgt Ion:101 Resp: 9194
Ion Ratio Lower Upper
101 100
151 66.7 59.4 89.0





#13
Ethanol
Concen: 0.921 ppbv m
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

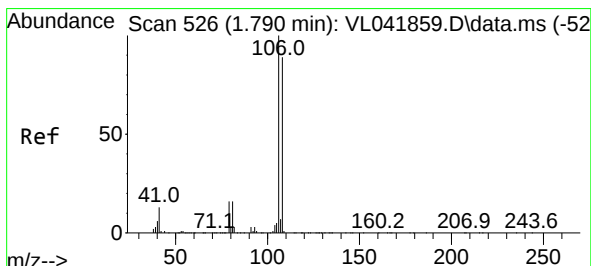
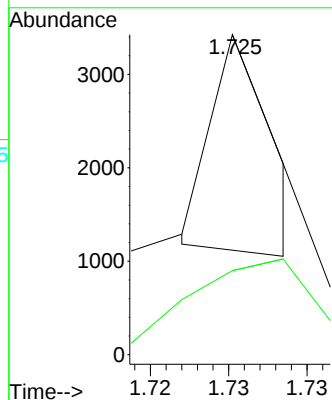
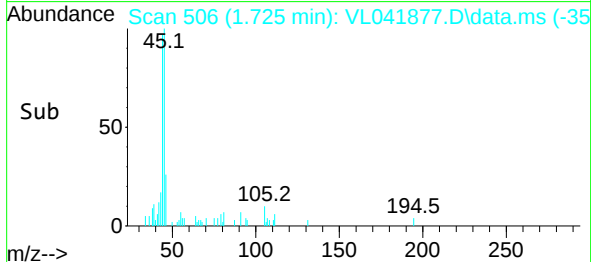
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



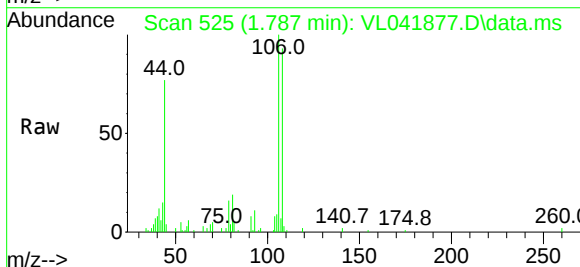
Tgt Ion: 45 Resp: 62
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0

Manual Integrations
APPROVED

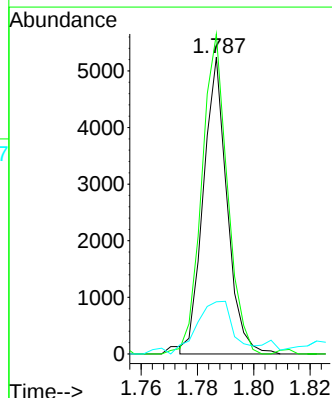
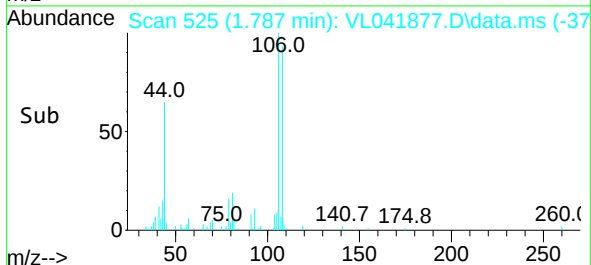
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

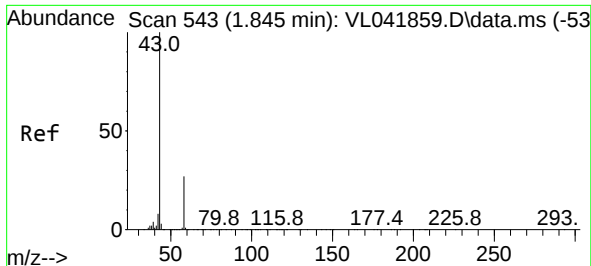


#14
Bromoethene
Concen: 0.493 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



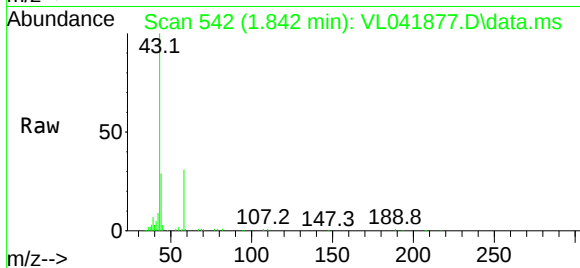
Tgt Ion:108 Resp: 3067
Ion Ratio Lower Upper
108 100
106 119.5 86.9 130.3
79 31.8 15.6 23.4





#15
Acetone
Concen: 0.600 ppbv
RT: 1.842 min Scan# 543
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

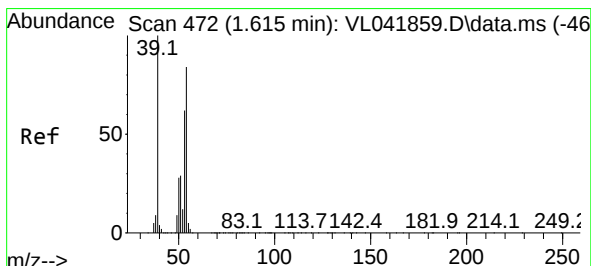
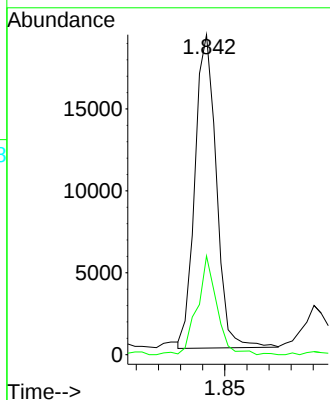
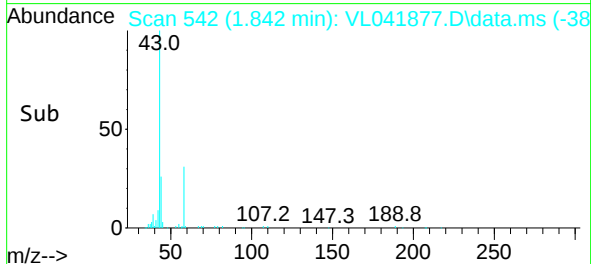
Instrument : MSVOA_L
ClientSampleId :
MDL 0.4



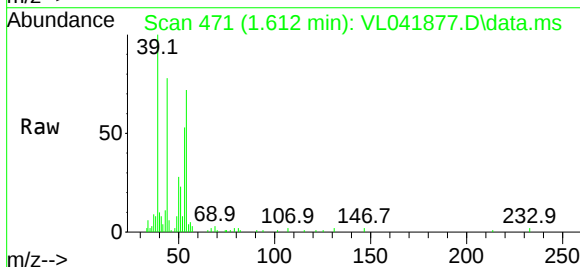
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1

Manual Integrations
APPROVED

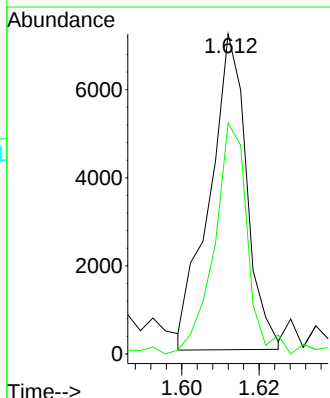
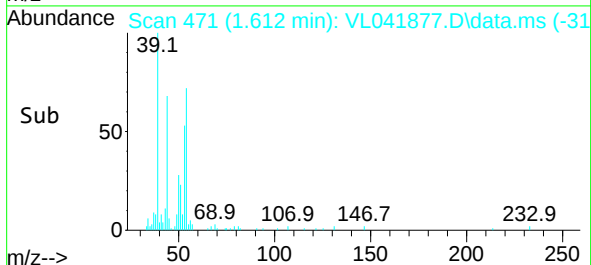
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

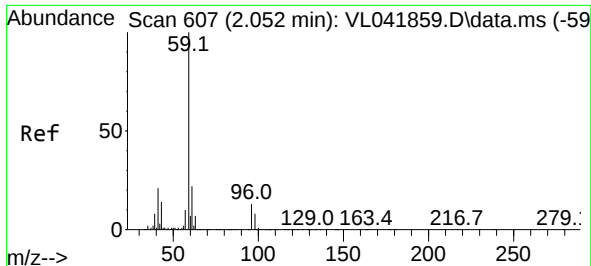


#16
1,3-Butadiene
Concen: 0.516 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



Tgt Ion: 39 Resp: 4758
Ion Ratio Lower Upper
39 100
54 69.3 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.496 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 59 Resp: 12089

Ion Ratio Lower Upper

59 100

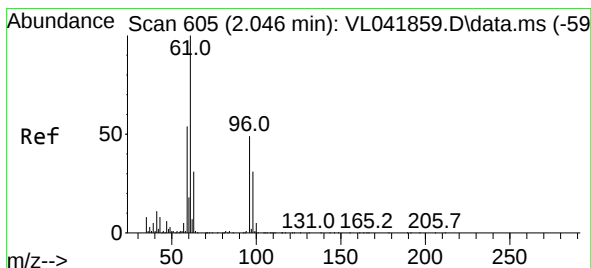
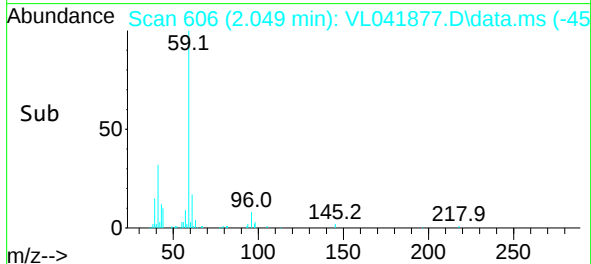
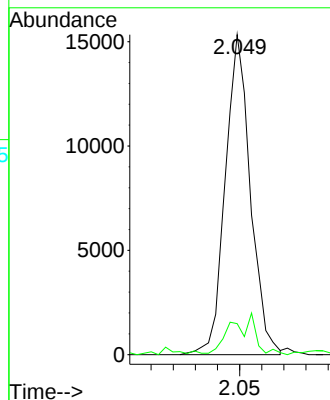
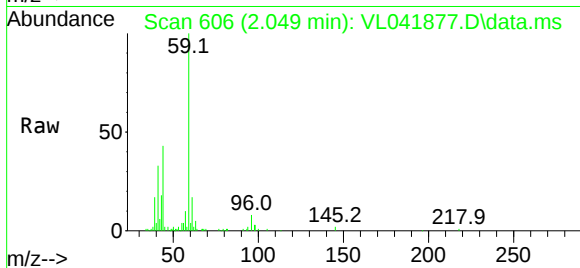
57 14.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#18

1,1-Dichloroethene

Concen: 0.498 ppbv m

RT: 2.039 min Scan# 603

Delta R.T. -0.007 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

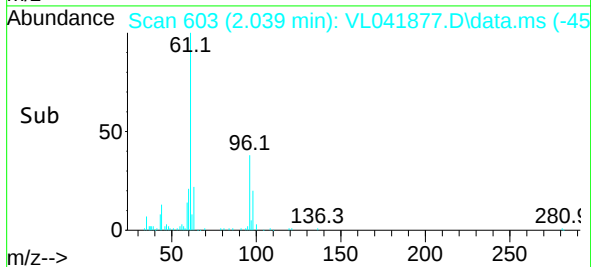
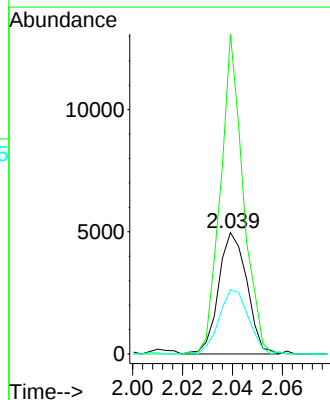
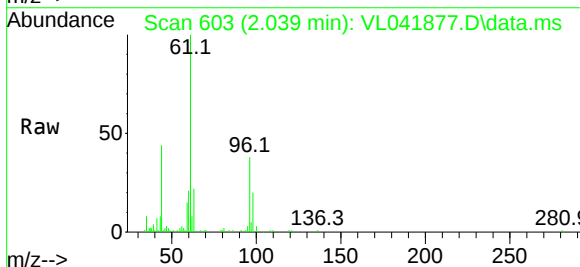
Tgt Ion: 96 Resp: 3921

Ion Ratio Lower Upper

96 100

61 263.5 161.7 242.5

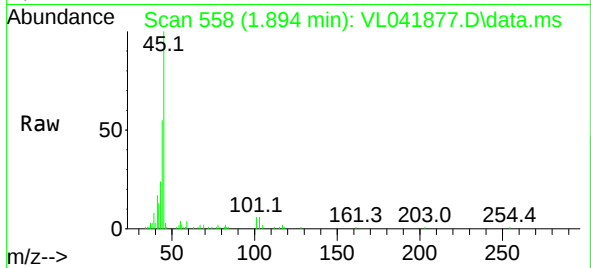
98 52.9 51.0 76.4





#19
Isopropyl Alcohol
Concen: 0.591 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

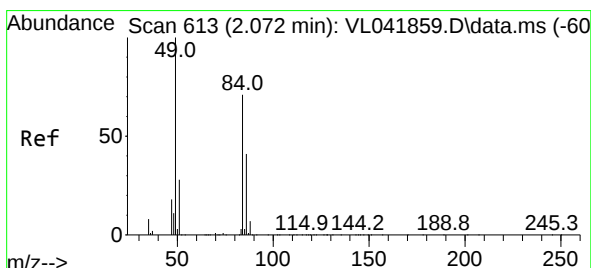
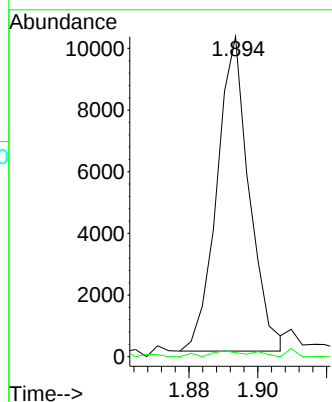
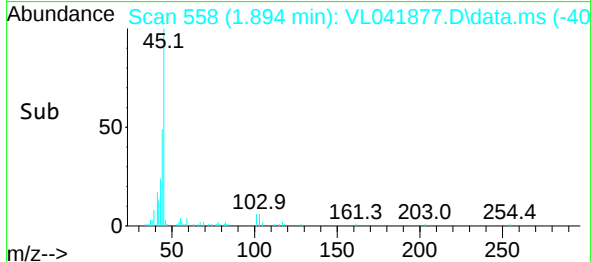
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



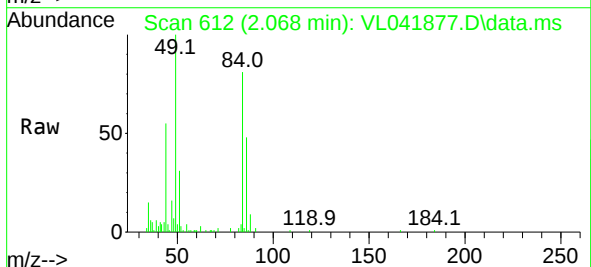
Tgt Ion: 45 Resp: 666
Ion Ratio Lower Upper
45 100
58 3.6 37.0 55.6

Manual Integrations
APPROVED

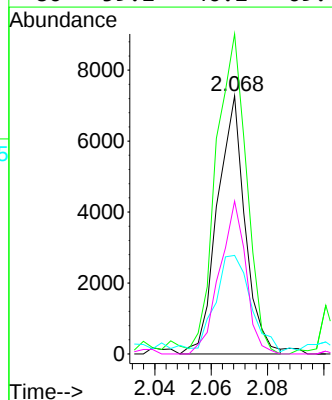
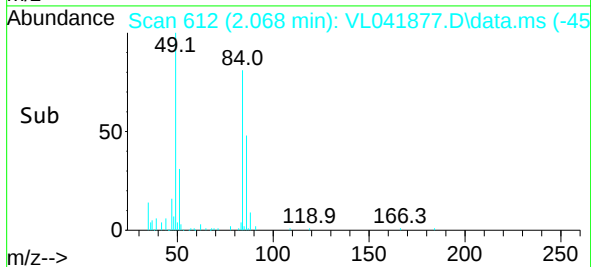
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

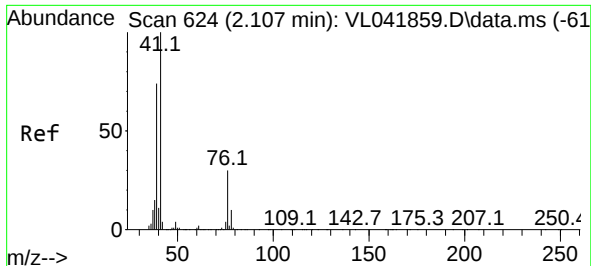


#20
Methylene Chloride
Concen: 0.679 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



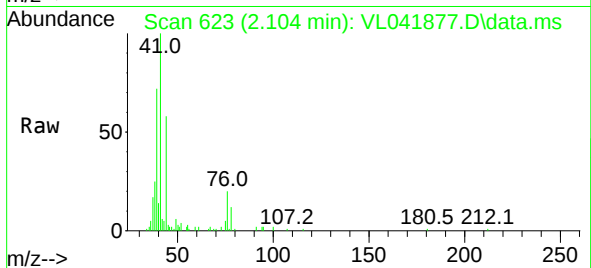
Tgt Ion: 84 Resp: 4975
Ion Ratio Lower Upper
84 100
49 124.0 113.8 170.8
51 37.4 33.5 50.3
86 59.2 46.2 69.4





#21
Allyl Chloride
Concen: 0.463 ppbv
RT: 2.104 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

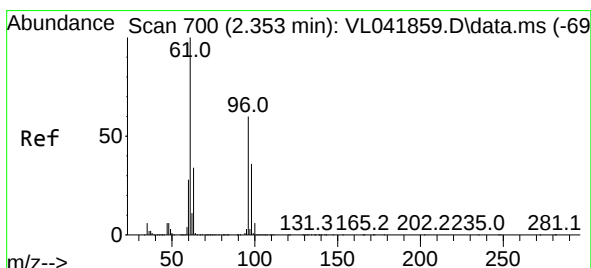
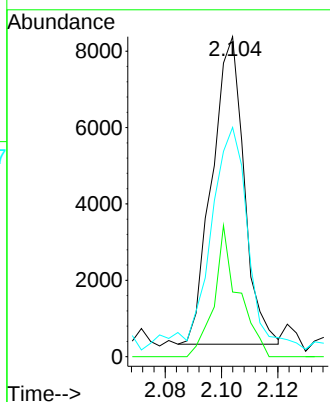
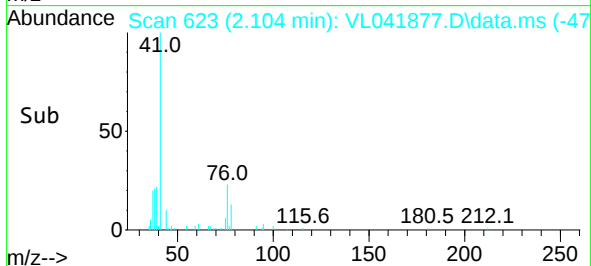
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 41 Resp: 635
Ion Ratio Lower Upper
41 100
76 32.2 24.6 36.8
39 93.8 60.1 90.1

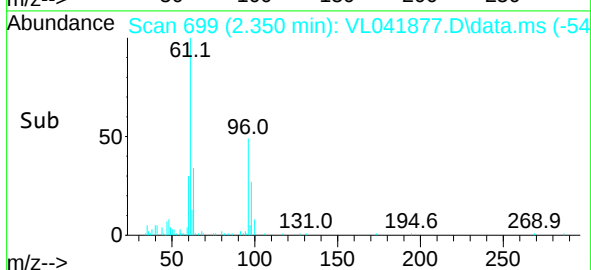
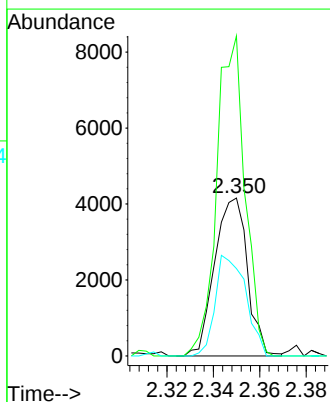
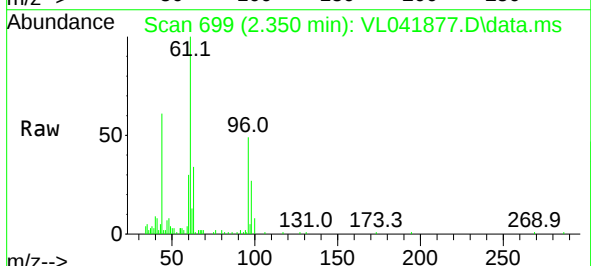
Manual Integrations
APPROVED

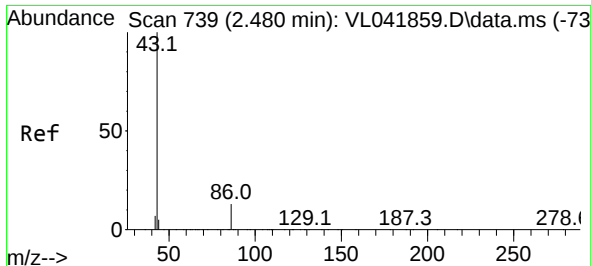
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#22
trans-1,2-Dichloroethene
Concen: 0.448 ppbv m
RT: 2.350 min Scan# 699
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

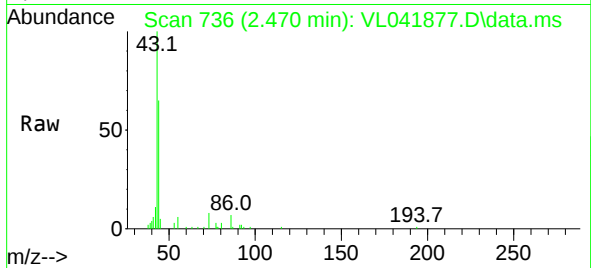
Tgt Ion: 96 Resp: 4078
Ion Ratio Lower Upper
96 100
61 202.6 134.2 201.4#
98 55.3 49.0 73.4





#23
 Vinyl Acetate
 Concen: 0.431 ppbv m
 RT: 2.470 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16

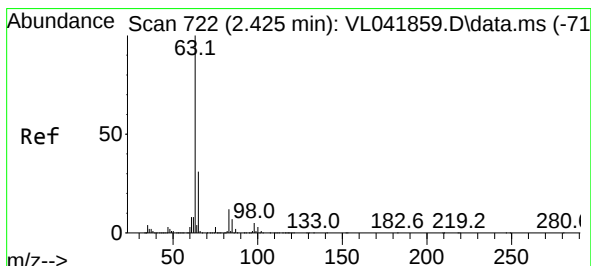
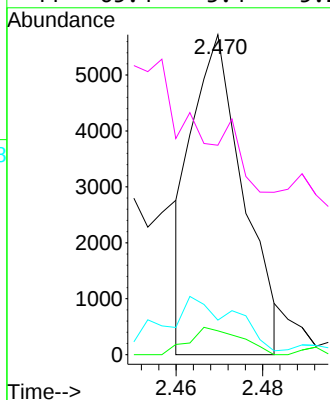
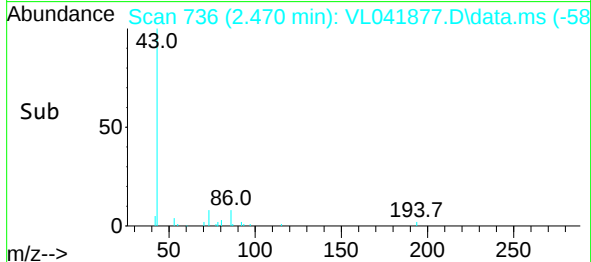
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



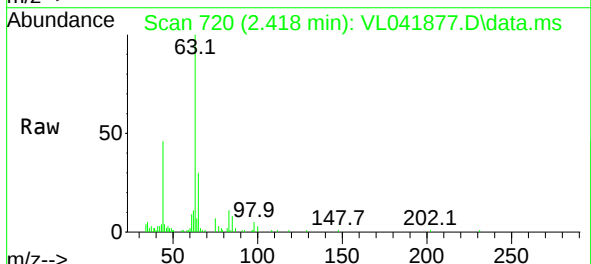
Tgt Ion: 43 Resp: 4689
 Ion Ratio Lower Upper
 43 100
 86 7.4 7.8 11.6
 42 10.8 7.0 10.4
 44 65.4 3.4 5.2

Manual Integrations
 APPROVED

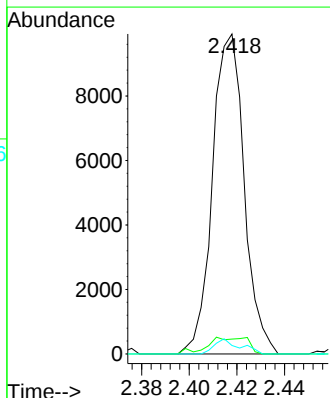
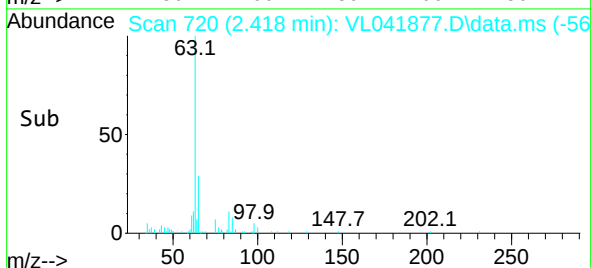
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

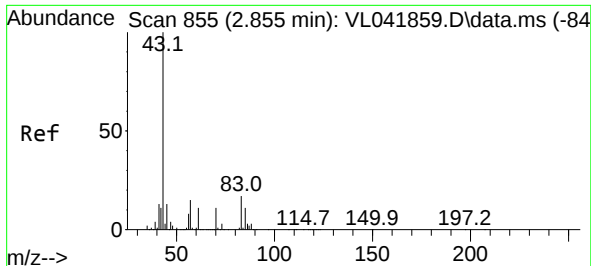


#24
 1,1-Dichloroethane
 Concen: 0.532 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.007 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16



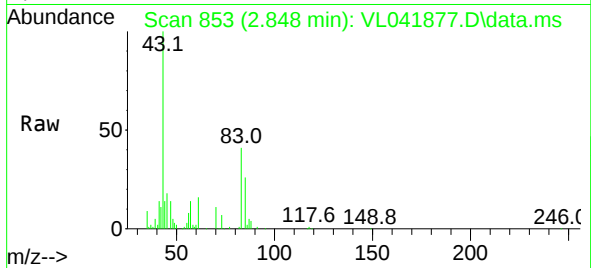
Tgt Ion: 63 Resp: 9175
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.3 6.9
 100 2.7 1.3 3.8





#25
Ethyl Acetate
Concen: 0.456 ppbv
RT: 2.848 min Scan# 848
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

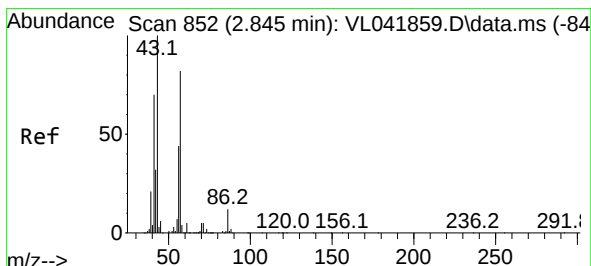
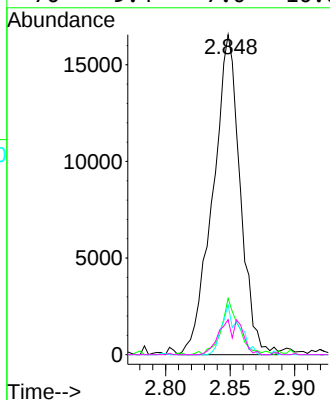
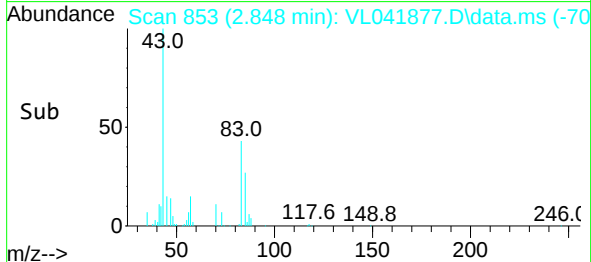
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



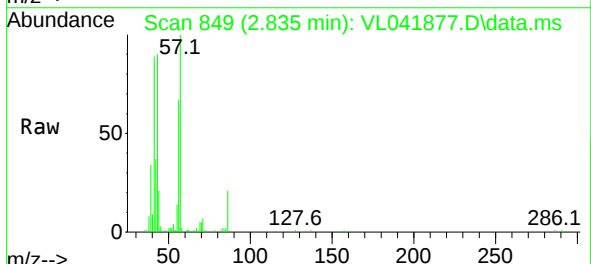
Tgt Ion: 43 Resp: 24334
Ion Ratio Lower Upper
43 100
45 12.1 8.4 12.6
61 10.0 7.3 10.9
70 9.4 7.0 10.6

Manual Integrations
APPROVED

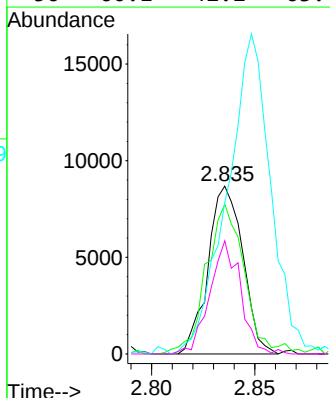
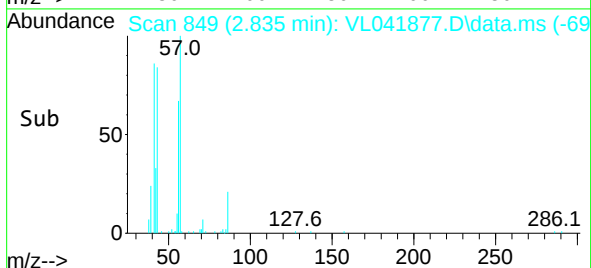
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

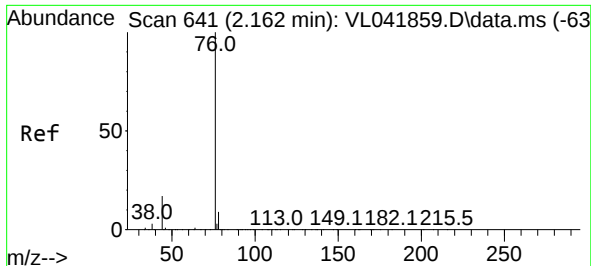


#26
Hexane
Concen: 0.463 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



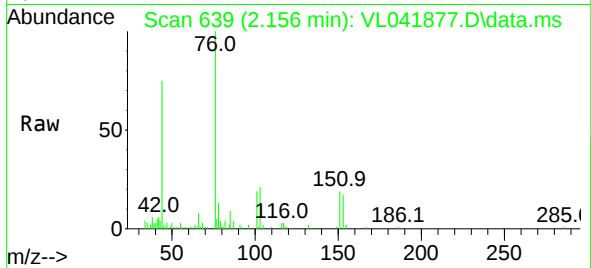
Tgt Ion: 57 Resp: 10167
Ion Ratio Lower Upper
57 100
41 98.6 71.5 107.3
43 246.1 200.2 300.4
56 60.1 42.2 63.4





#27
Carbon Disulfide
Concen: 0.414 ppbv
RT: 2.156 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

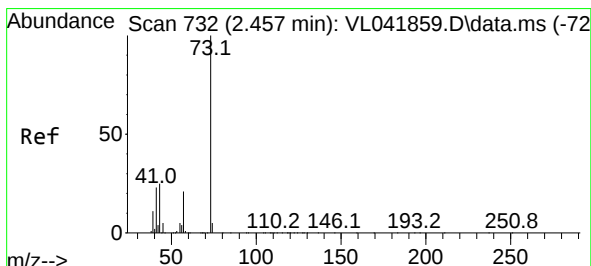
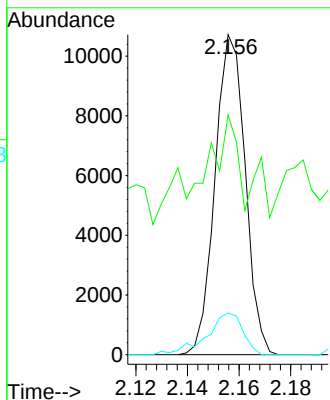
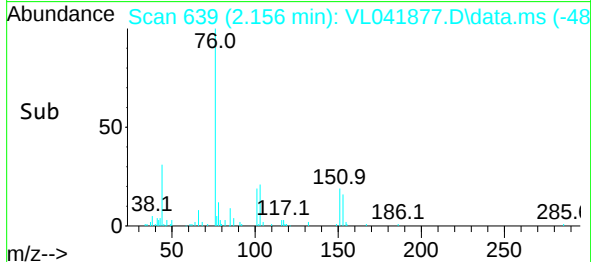
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 76 Resp: 8690
Ion Ratio Lower Upper
76 100
44 114.8 13.1 19.7
78 15.6 9.5 14.3

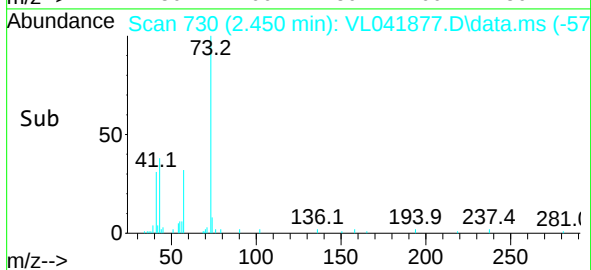
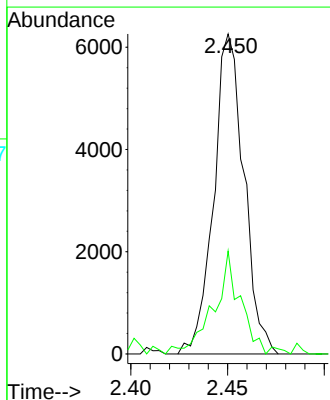
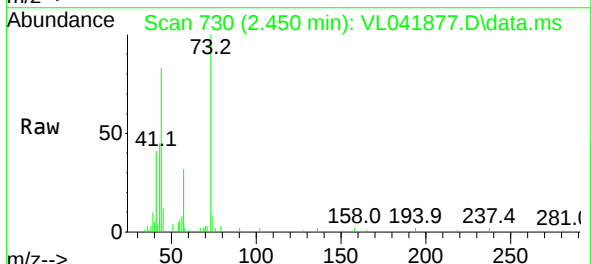
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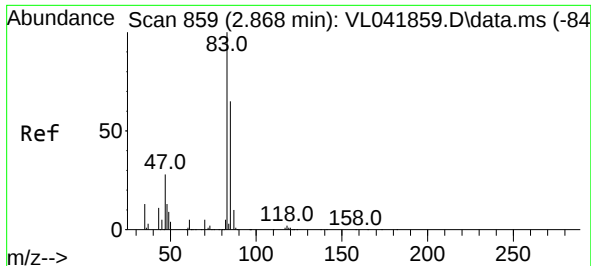
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#28
Methyl tert-Butyl Ether
Concen: 0.404 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Tgt Ion: 73 Resp: 6776
Ion Ratio Lower Upper
73 100
57 30.0 17.5 26.3





#29

Chloroform

Concen: 0.509 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 83 Resp: 1563

Ion Ratio Lower Upper

83 100

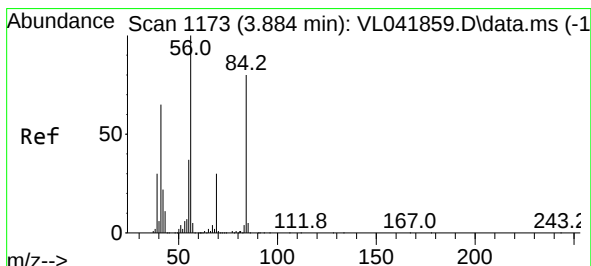
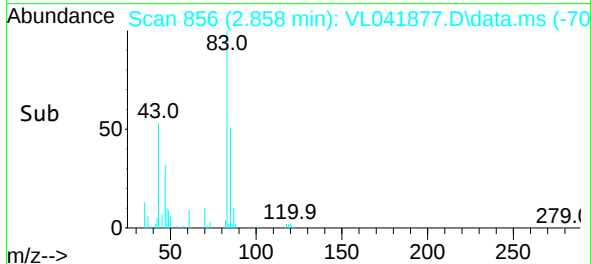
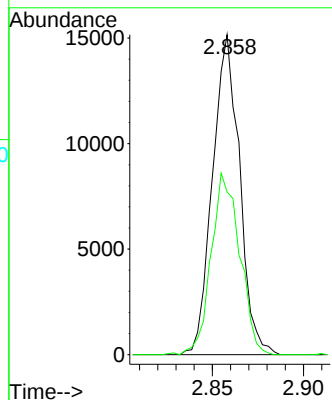
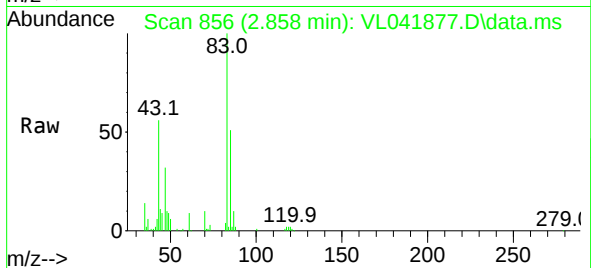
85 50.8 51.7 77.5

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#30

Cyclohexane

Concen: 0.459 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.013 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

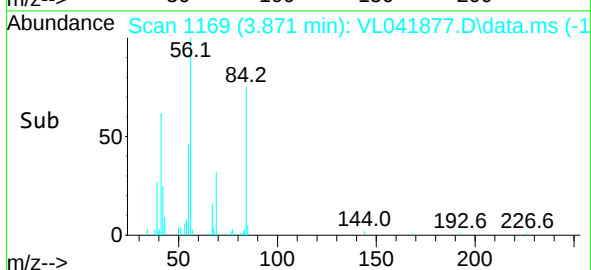
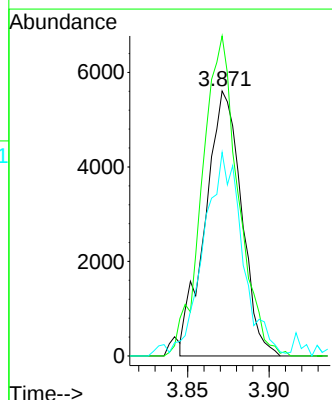
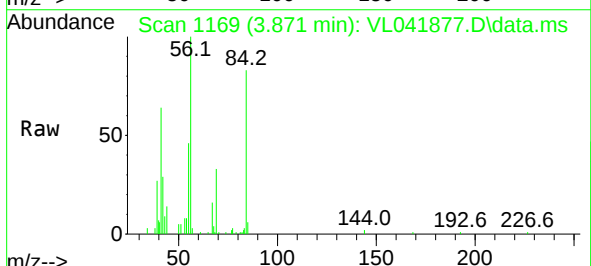
Tgt Ion: 84 Resp: 8647

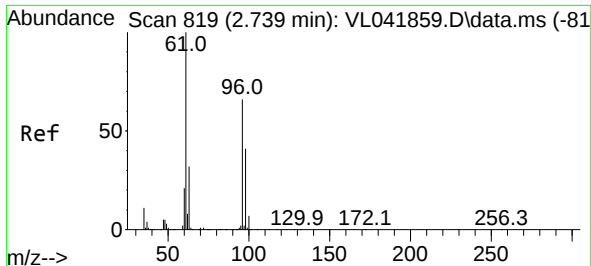
Ion Ratio Lower Upper

84 100

56 120.4 100.7 151.1

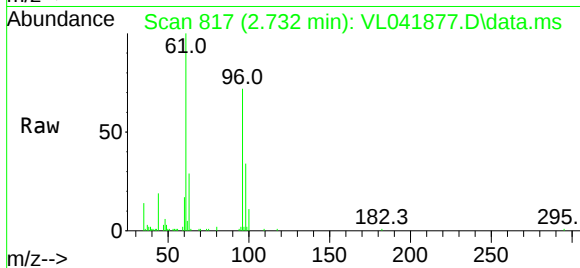
41 85.0 62.8 94.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.482 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16

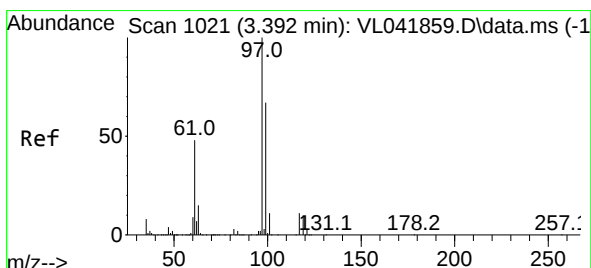
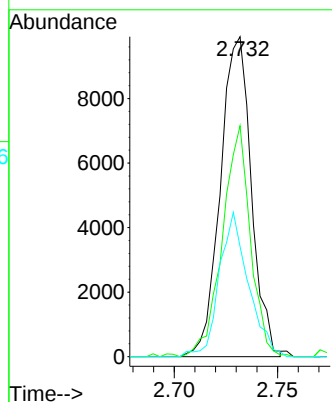
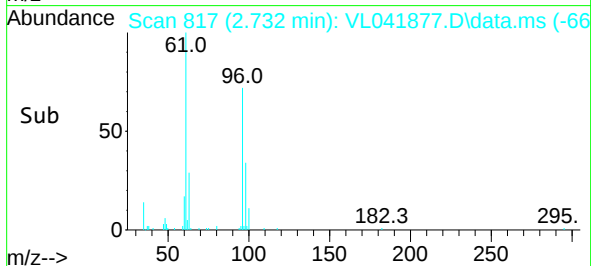
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



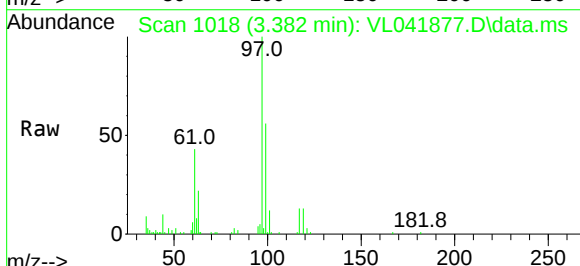
Tgt Ion: 61 Resp: 10330
 Ion Ratio Lower Upper
 61 100
 96 72.1 53.2 79.8
 98 36.5 32.5 48.7

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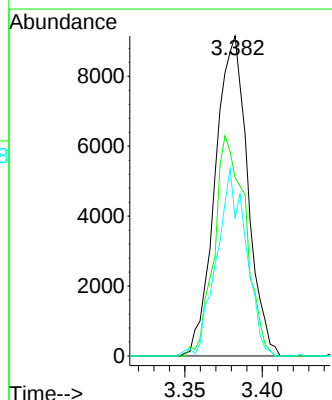
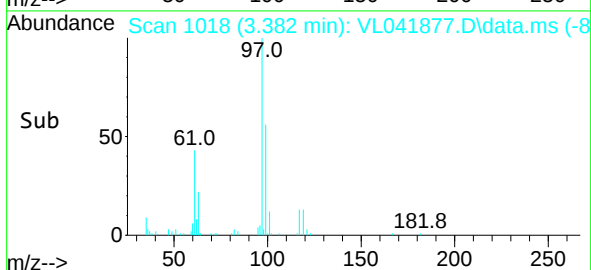
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

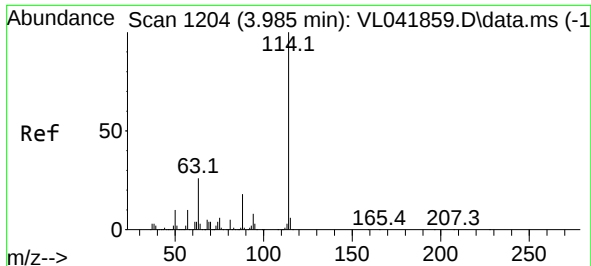


#32
 1,1,1-Trichloroethane
 Concen: 0.438 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16



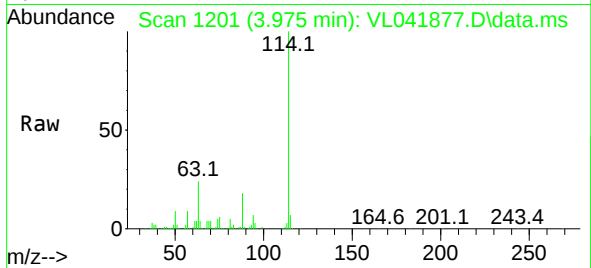
Tgt Ion: 97 Resp: 13358
 Ion Ratio Lower Upper
 97 100
 99 65.9 52.0 78.0
 61 53.1 38.8 58.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

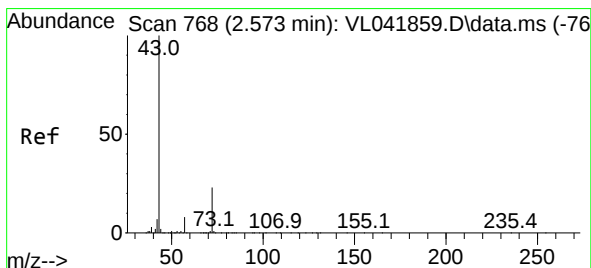
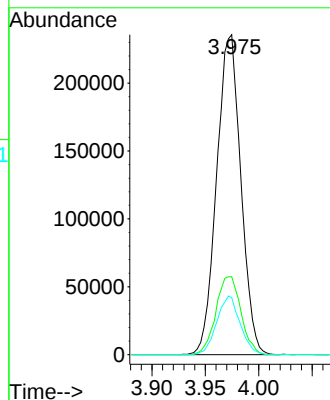
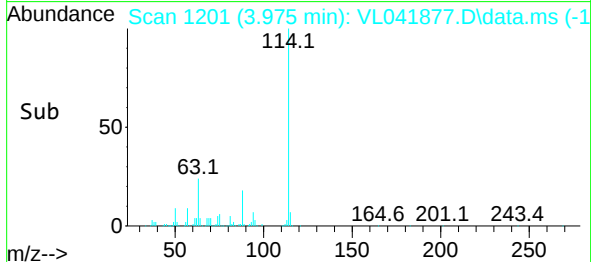
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:114 Resp: 371788
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 17.6 14.6 21.8

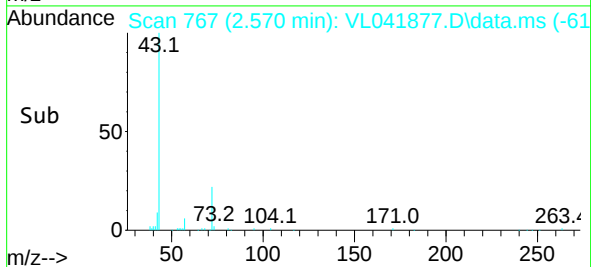
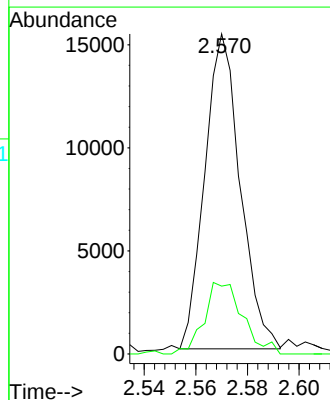
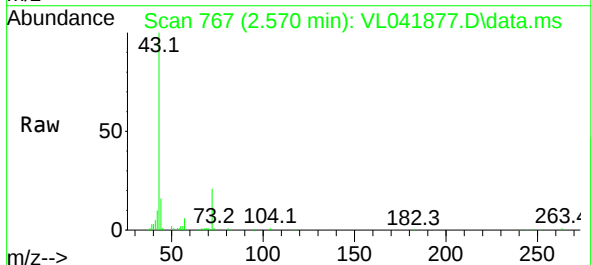
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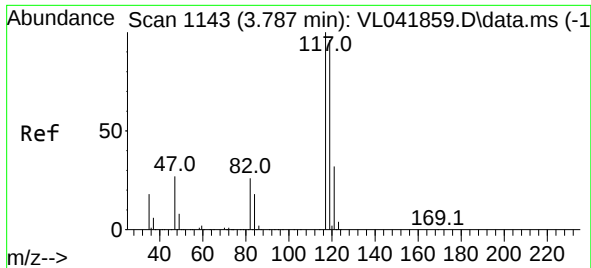
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#34
2-Butanone
Concen: 0.472 ppbv
RT: 2.570 min Scan# 767
Delta R.T. -0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

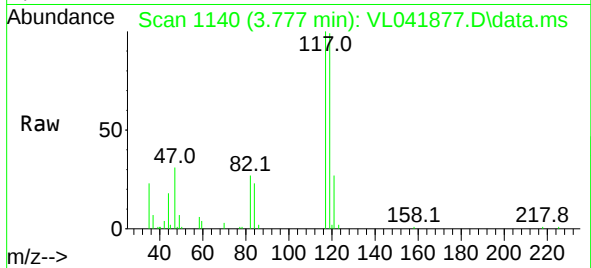
Tgt Ion: 43 Resp: 14574
Ion Ratio Lower Upper
43 100
72 25.0 18.5 27.7





#35
Carbon Tetrachloride
Concen: 0.441 ppbv
RT: 3.777 min Scan# 1143
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

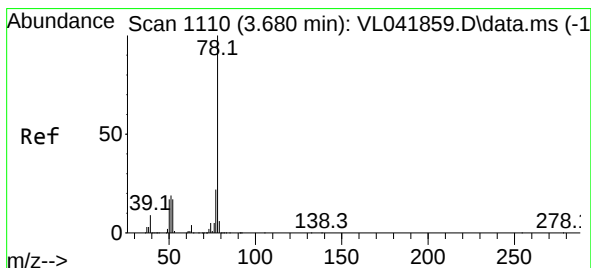
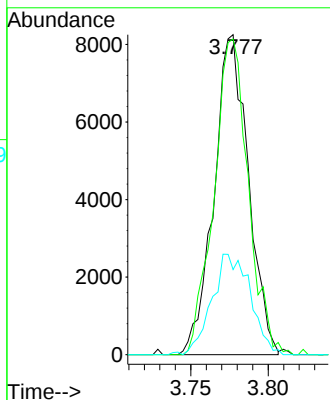
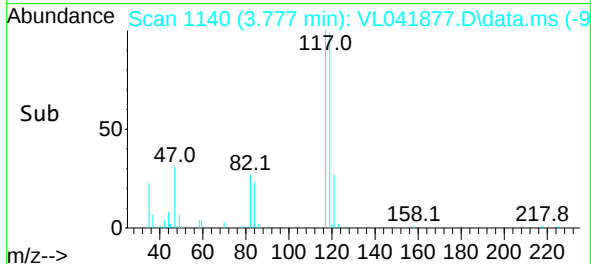
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



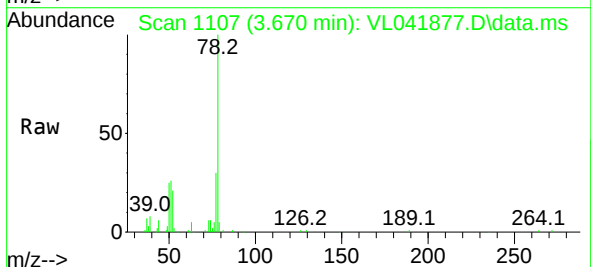
Tgt Ion: 117 Resp: 12744
Ion Ratio Lower Upper
117 100
119 98.6 76.9 115.3
121 25.8 25.9 38.9

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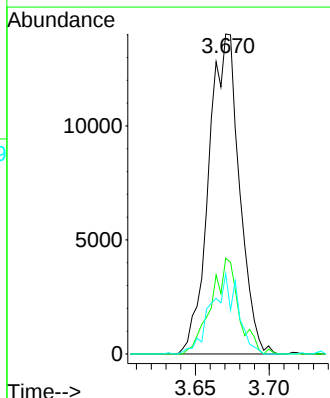
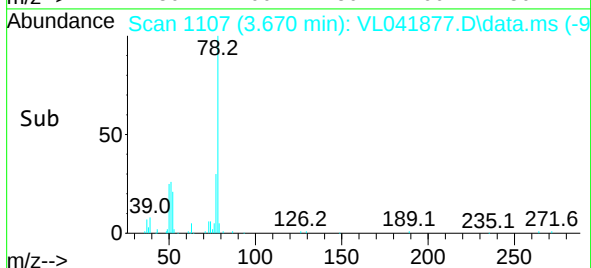
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

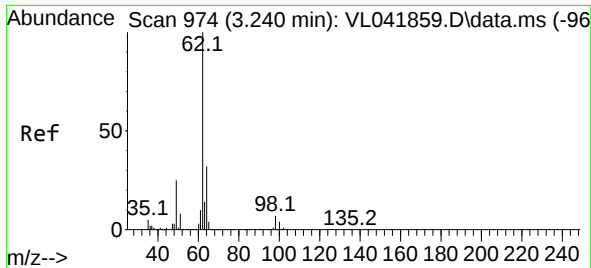


#36
Benzene
Concen: 0.470 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



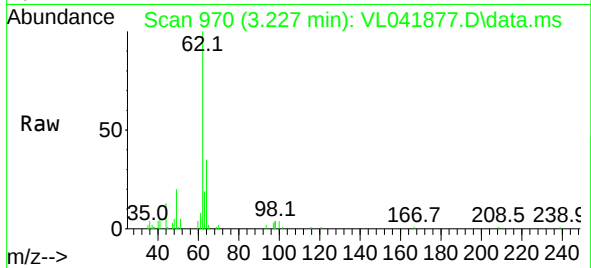
Tgt Ion: 78 Resp: 20257
Ion Ratio Lower Upper
78 100
77 29.9 17.9 26.9#
50 25.0 13.7 20.5#





#37
1,2-Dichloroethane
Concen: 0.524 ppbv
RT: 3.227 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

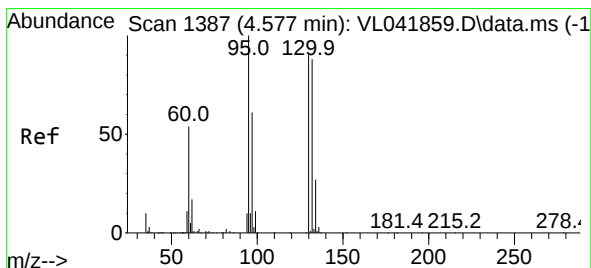
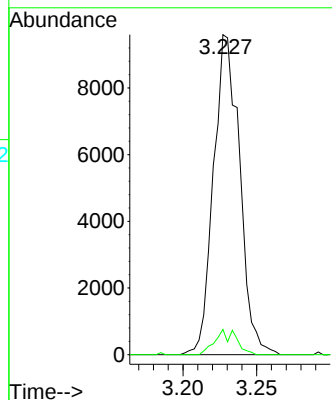
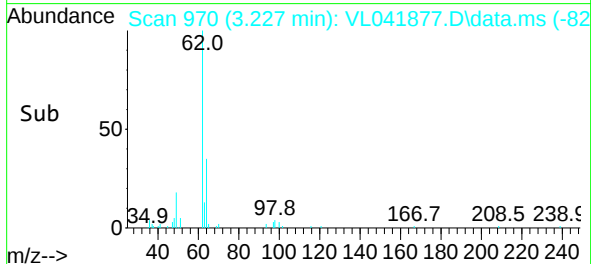
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



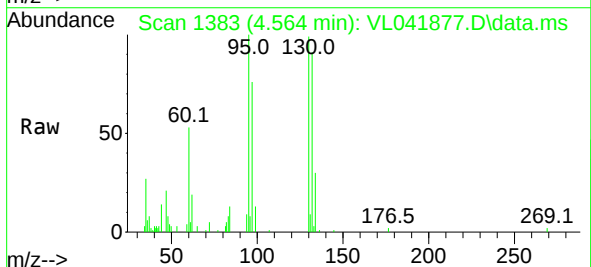
Tgt Ion: 62 Resp: 11849
Ion Ratio Lower Upper
62 100
98 6.4 5.6 8.4

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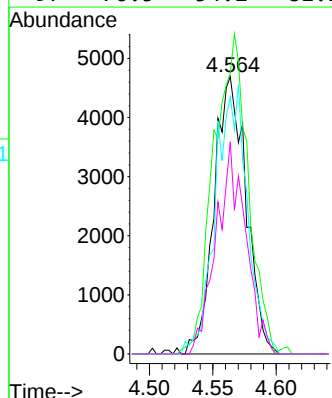
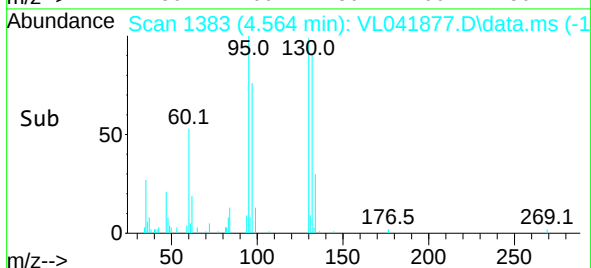
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

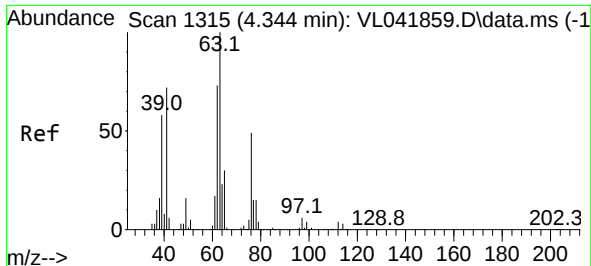


#38
Trichloroethene
Concen: 0.482 ppbv m
RT: 4.564 min Scan# 1383
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



Tgt Ion:130 Resp: 8209
Ion Ratio Lower Upper
130 100
95 101.3 88.5 132.7
132 92.7 78.2 117.2
97 76.5 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.525 ppbv m

RT: 4.337 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL041877.D

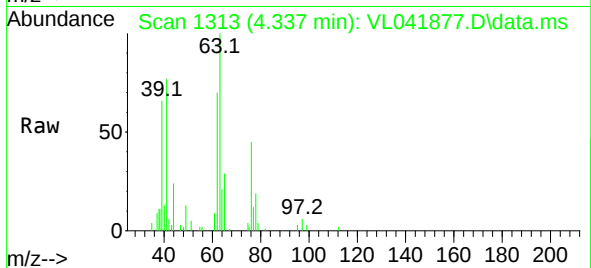
Acq: 09 Jan 2025 21:16

Instrument :

MSVOA_L

ClientSampleId :

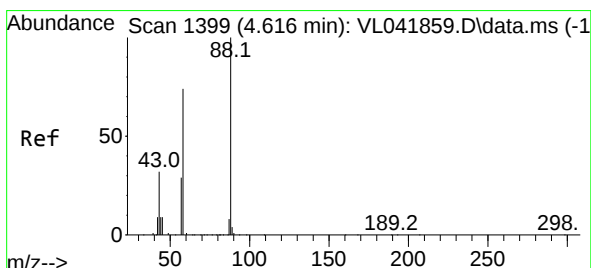
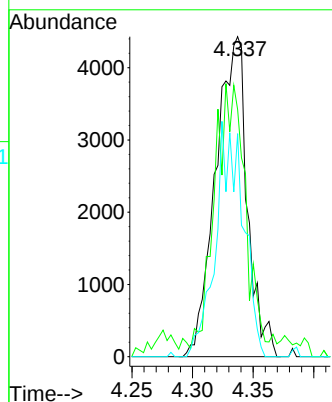
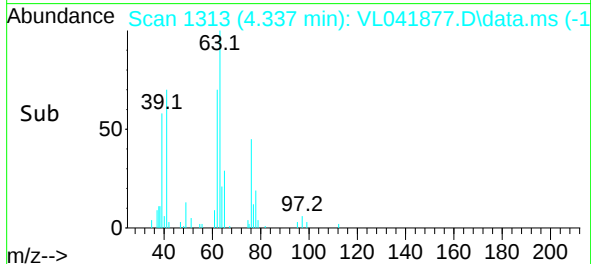
MDL 0.4



Tgt Ion:	63	Resp:	8060
Ion	Ratio	Lower	Upper
63	100		
41	77.2	58.0	87.0
62	69.7	58.6	87.8

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Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#40

1,4-Dioxane

Concen: 0.489 ppbv m

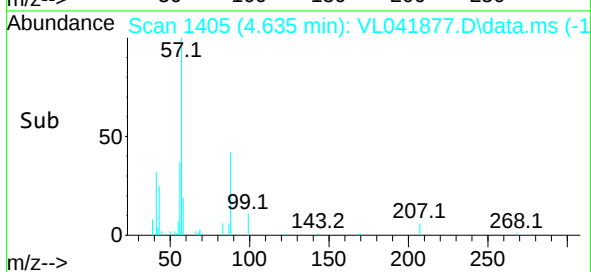
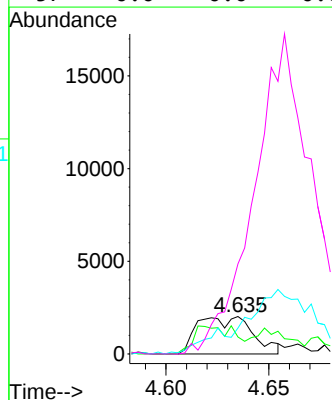
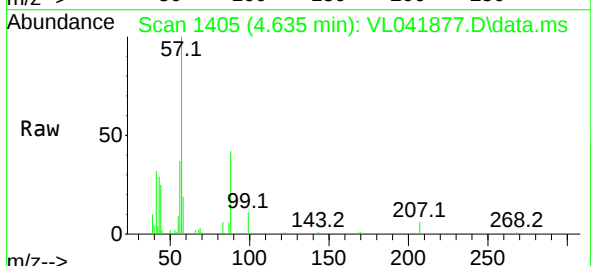
RT: 4.635 min Scan# 1405

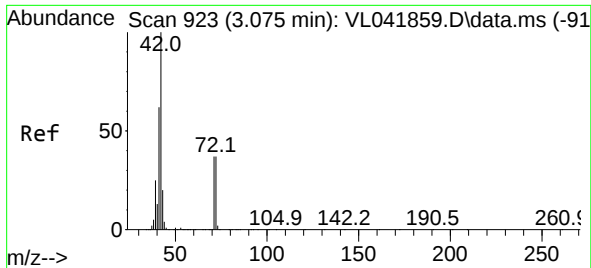
Delta R.T. 0.019 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

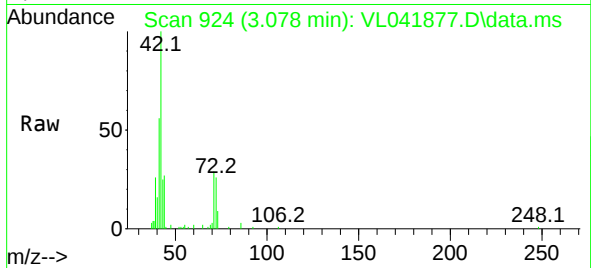
Tgt Ion:	88	Resp:	3776
Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.2	78.4
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.466 ppbv
RT: 3.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

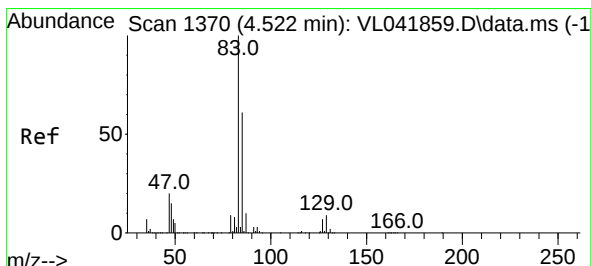
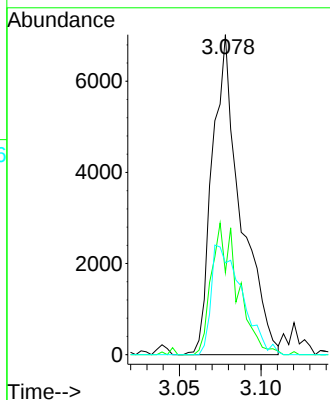
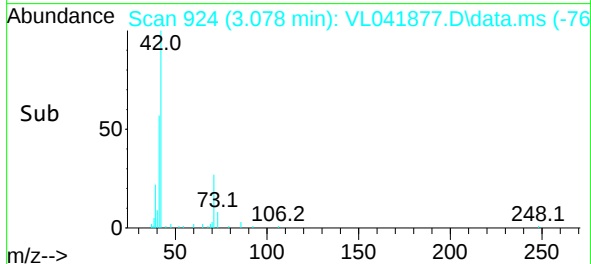
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 42 Resp: 846
Ion Ratio Lower Upper
42 100
72 39.1 30.8 46.2
71 36.9 30.1 45.1

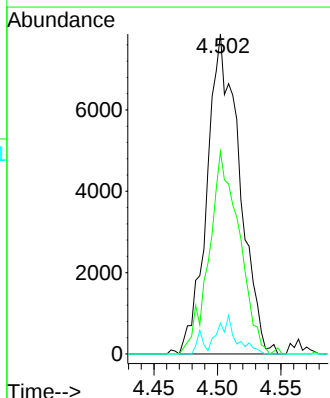
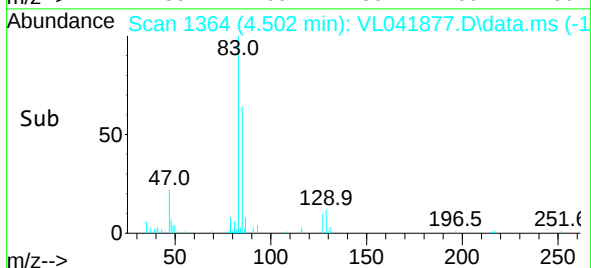
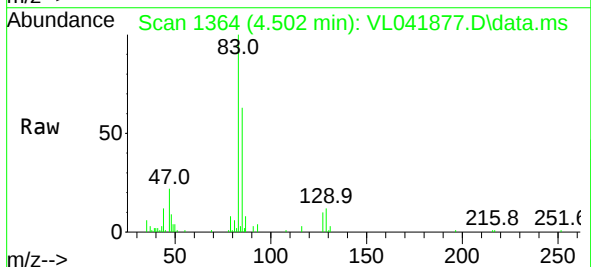
Manual Integrations
APPROVED

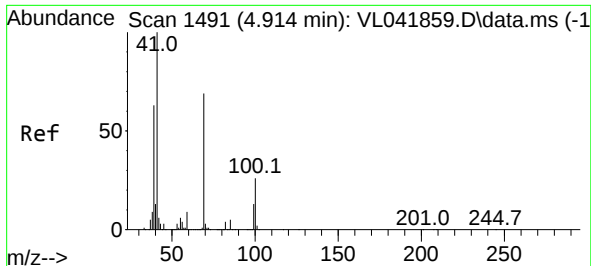
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#42
Bromodichloromethane
Concen: 0.451 ppbv m
RT: 4.502 min Scan# 1364
Delta R.T. -0.020 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Tgt Ion: 83 Resp: 14016
Ion Ratio Lower Upper
83 100
85 63.2 48.9 73.3
127 9.7 5.4 8.2#





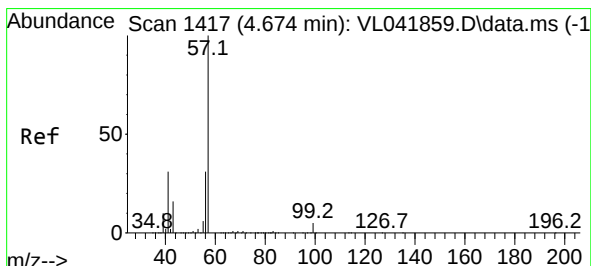
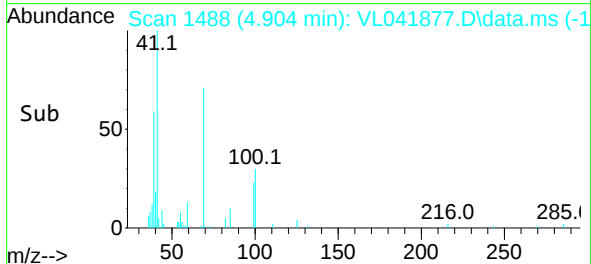
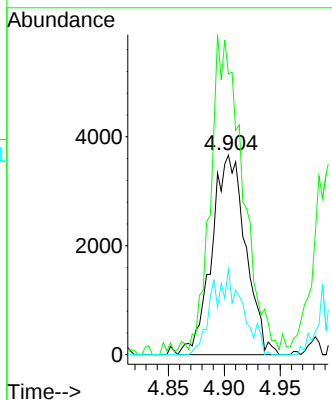
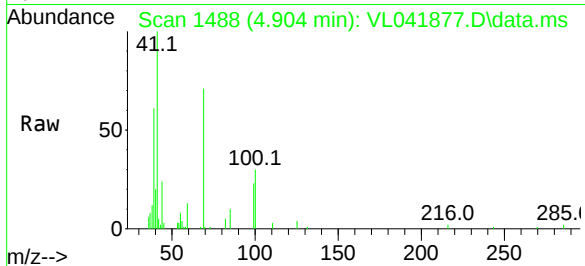
#43
Methyl Methacrylate
Concen: 0.439 ppbv
RT: 4.904 min Scan# 1491
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 69 Resp: 774
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4
100 37.8 29.8 44.8

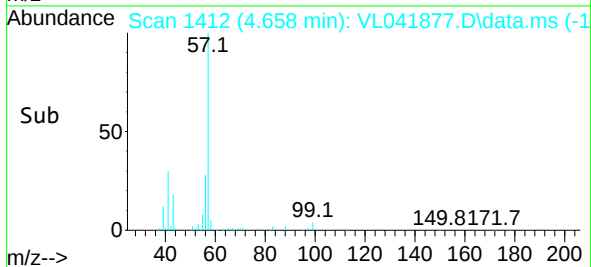
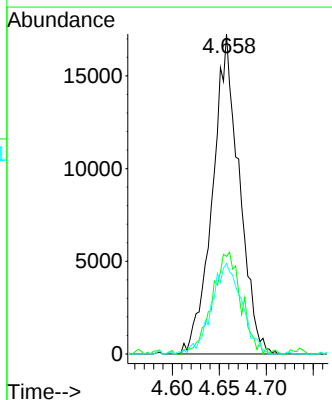
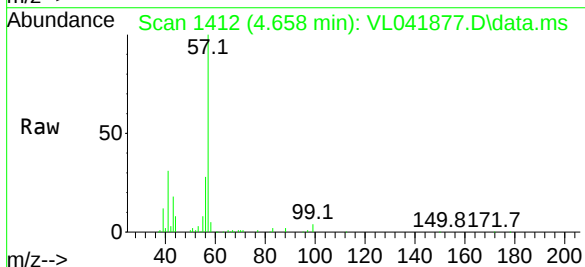
Manual Integrations
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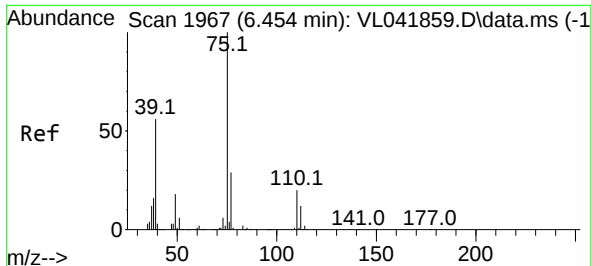
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 0.467 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.016 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Tgt Ion: 57 Resp: 34042
Ion Ratio Lower Upper
57 100
41 35.1 25.5 38.3
56 32.4 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 0.413 ppbv m

RT: 6.438 min Scan# 1967

Delta R.T. -0.016 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 75 Resp: 7460

Ion Ratio Lower Upper

75 100

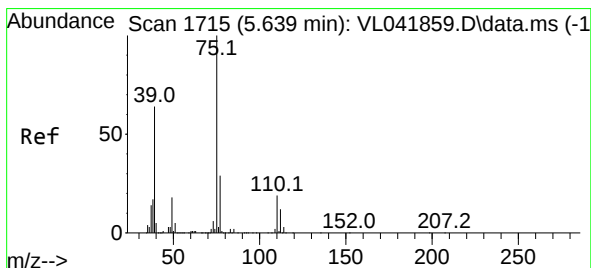
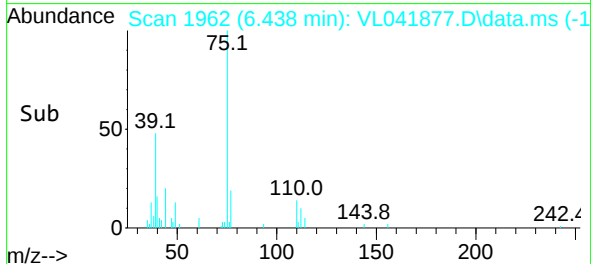
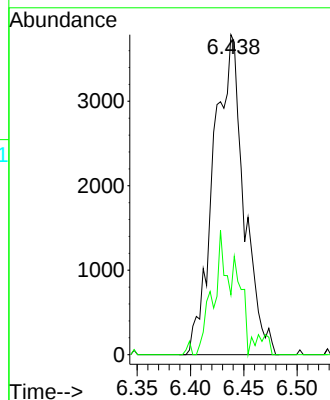
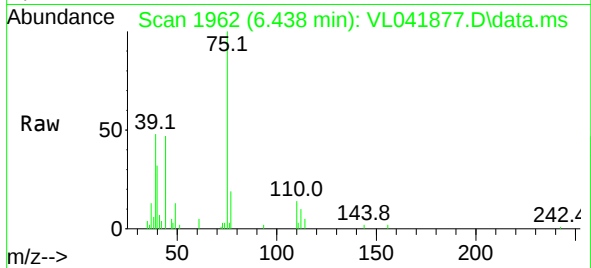
77 18.8 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#46

cis-1,3-Dichloropropene

Concen: 0.405 ppbv m

RT: 5.625 min Scan# 1711

Delta R.T. -0.013 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

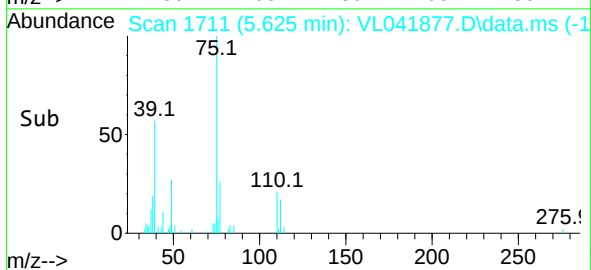
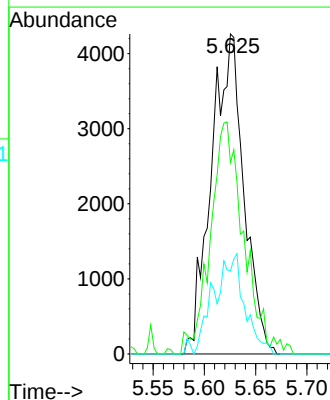
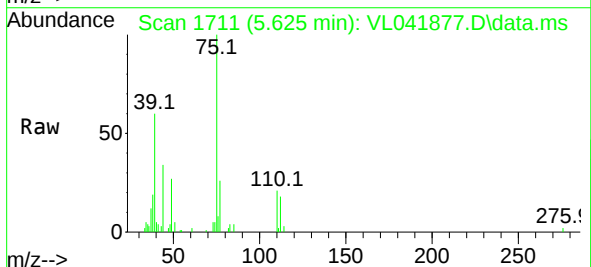
Tgt Ion: 75 Resp: 9399

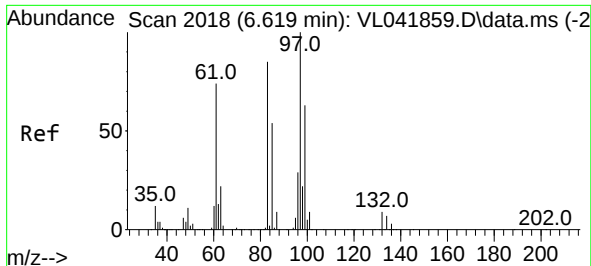
Ion Ratio Lower Upper

75 100

39 59.8 51.4 77.2

77 26.0 23.0 34.4





#47

1,1,2-Trichloroethane

Concen: 0.456 ppbv m

RT: 6.609 min Scan# 2018

Delta R.T. -0.010 min

Lab File: VL041877.D

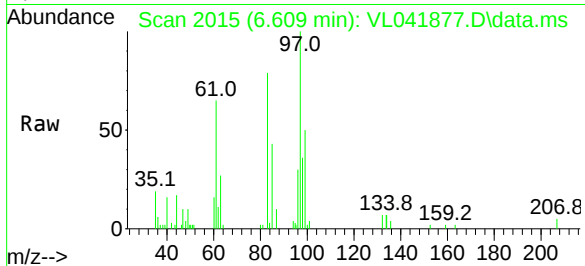
Acq: 09 Jan 2025 21:16

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion: 97 Resp: 735

Ion Ratio Lower Upper

97 100

83 79.1 68.1 102.1

85 42.6 43.4 65.2

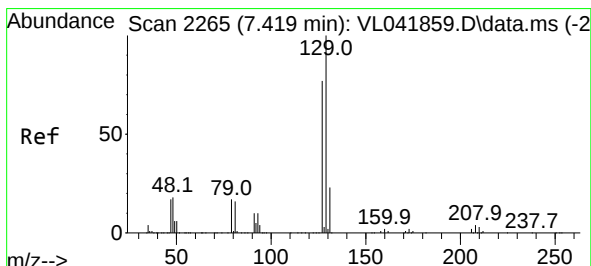
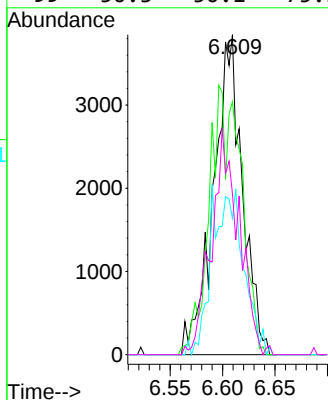
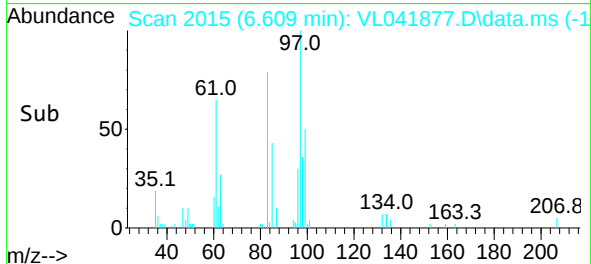
99 50.3 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#48

Dibromochloromethane

Concen: 0.393 ppbv

RT: 7.402 min Scan# 2260

Delta R.T. -0.016 min

Lab File: VL041877.D

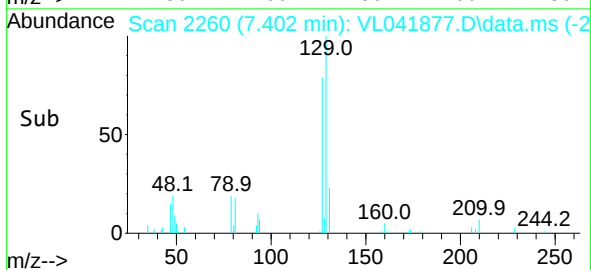
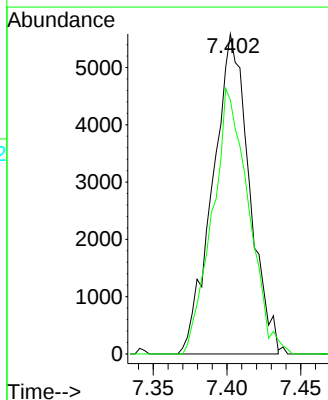
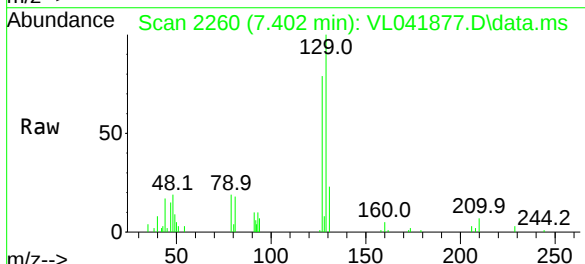
Acq: 09 Jan 2025 21:16

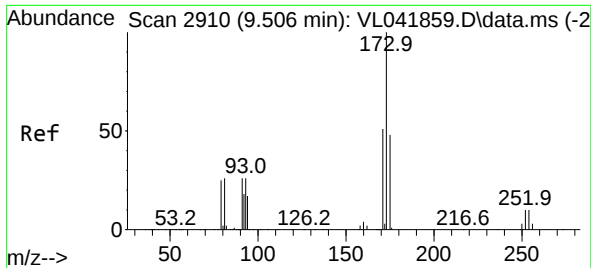
Tgt Ion:129 Resp: 9624

Ion Ratio Lower Upper

129 100

127 82.4 39.4 118.1





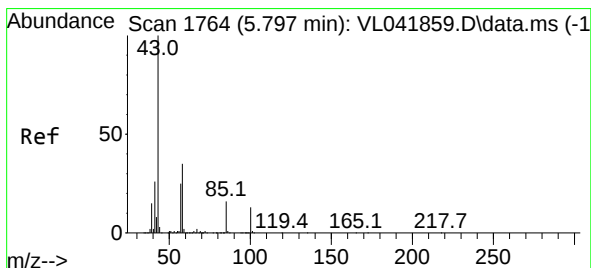
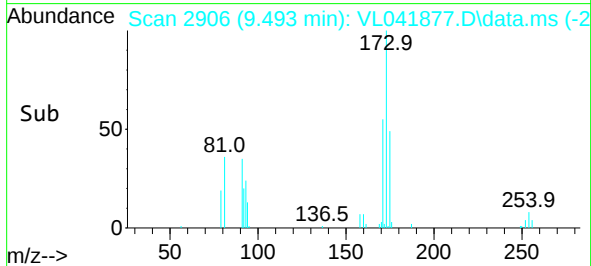
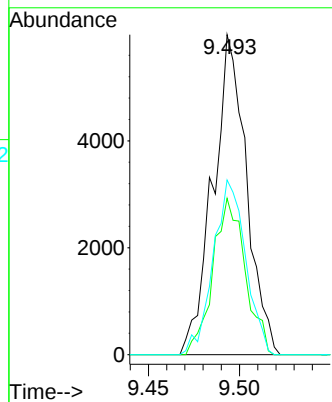
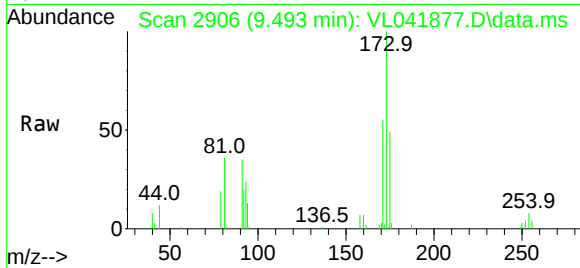
#49
Bromoform
Concen: 0.358 ppbv
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument : MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:173 Resp: 765
Ion Ratio Lower Upper
173 100
175 47.1 38.2 57.2
171 52.8 41.3 61.9

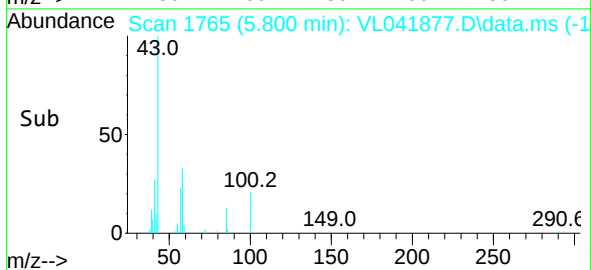
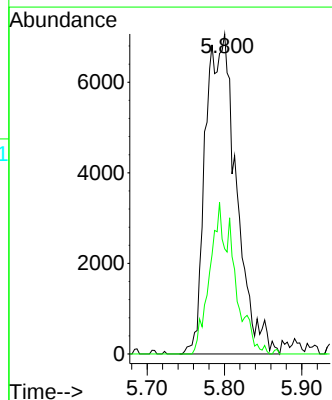
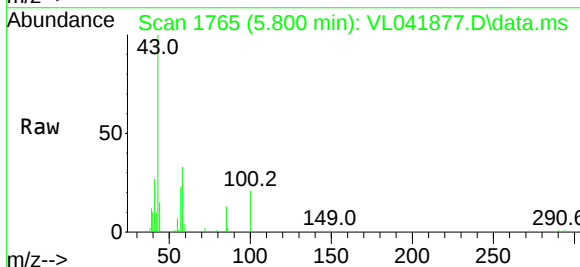
Manual Integrations
APPROVED

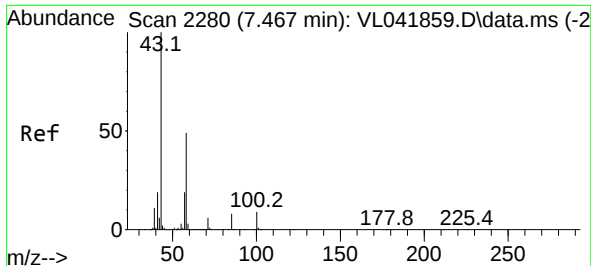
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#50
4-Methyl-2-Pentanone
Concen: 0.444 ppbv m
RT: 5.800 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

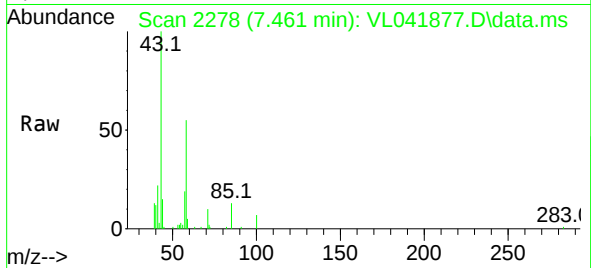
Tgt Ion: 43 Resp: 19594
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#





#51
2-Hexanone
Concen: 0.411 ppbv m
RT: 7.461 min Scan# 2191
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

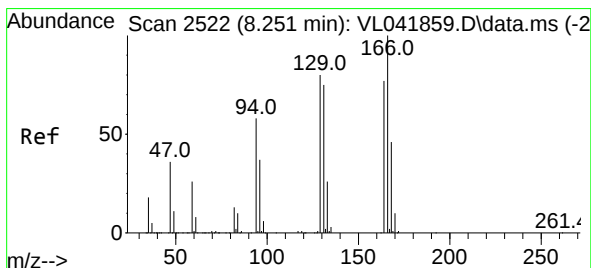
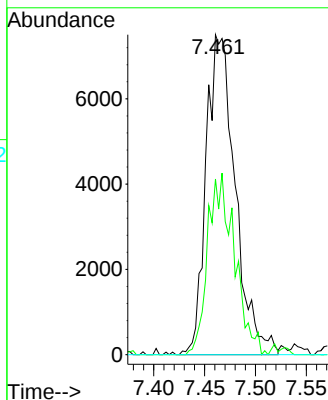
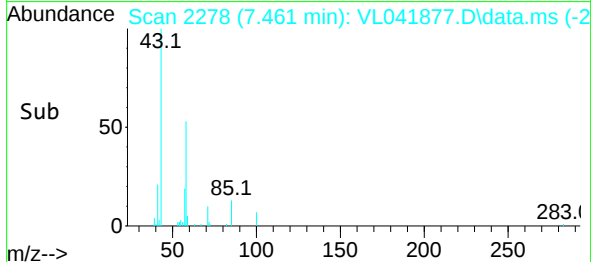
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



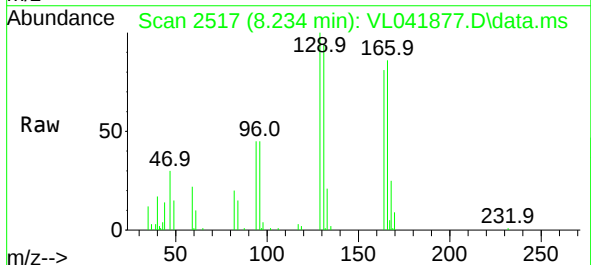
Tgt Ion: 43 Resp: 14919
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.0 0.1 0.1

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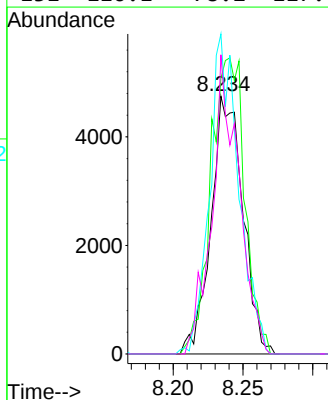
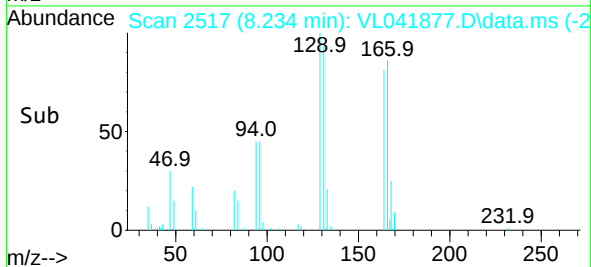
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

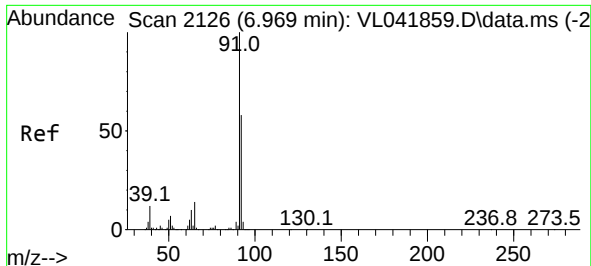


#52
Tetrachloroethene
Concen: 0.454 ppbv m
RT: 8.234 min Scan# 2517
Delta R.T. -0.016 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



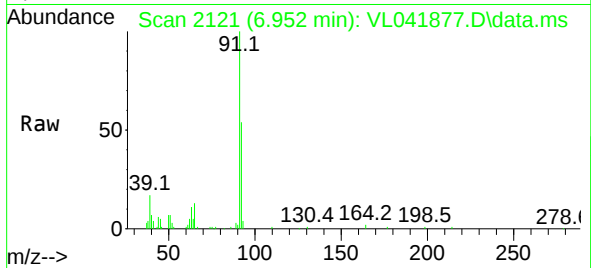
Tgt Ion:164 Resp: 7504
Ion Ratio Lower Upper
164 100
166 106.9 103.6 155.4
129 124.1 82.6 123.8#
131 116.1 78.2 117.4





#53
Toluene
Concen: 0.450 ppbv m
RT: 6.952 min Scan# 2121
Delta R.T. -0.016 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

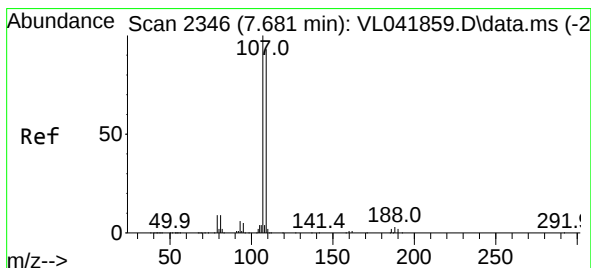
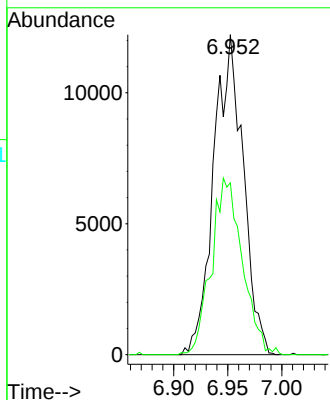
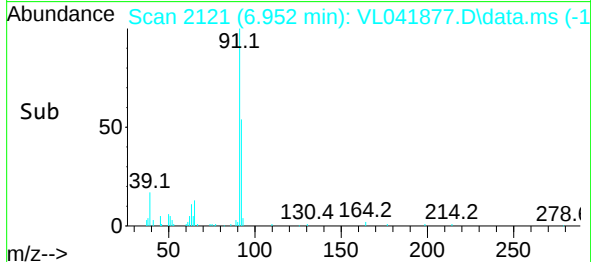
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



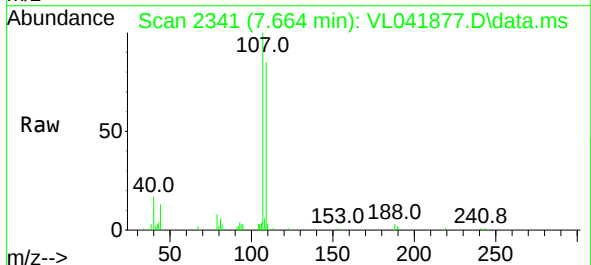
Tgt Ion: 91 Resp: 2310
Ion Ratio Lower Upper
91 100
92 0.0 47.2 70.8

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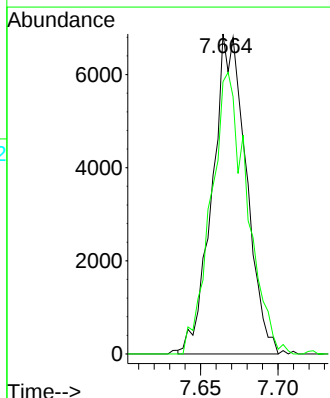
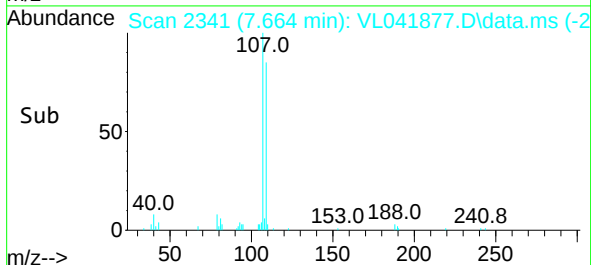
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

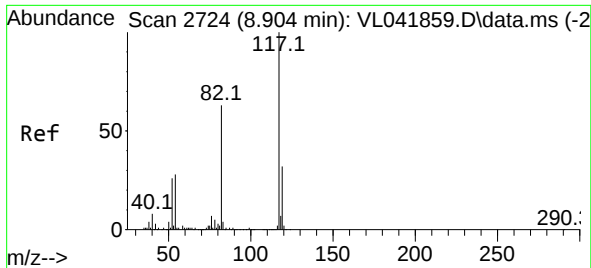


#54
1,2-Dibromoethane
Concen: 0.475 ppbv
RT: 7.664 min Scan# 2341
Delta R.T. -0.016 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



Tgt Ion:107 Resp: 10438
Ion Ratio Lower Upper
107 100
109 85.1 74.6 112.0





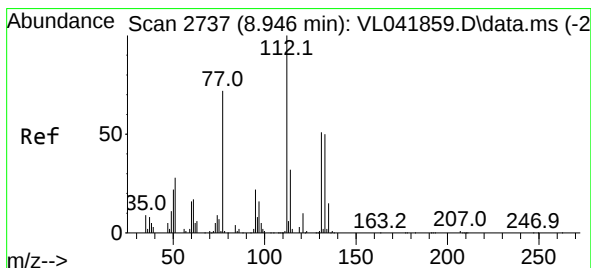
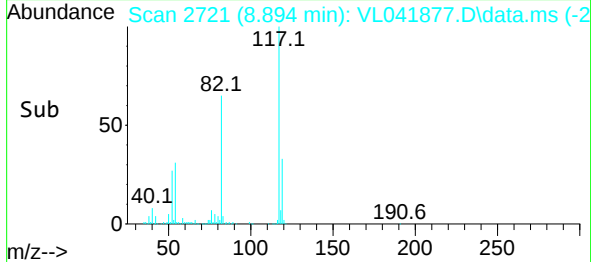
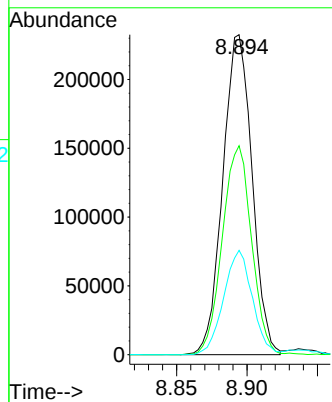
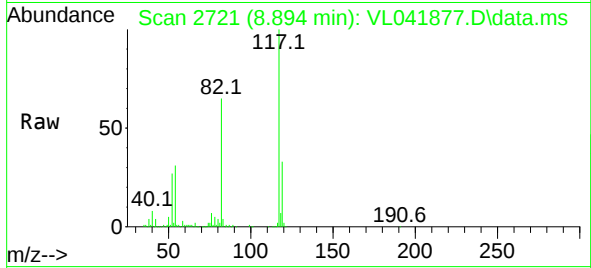
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:117 Resp: 33651
Ion Ratio Lower Upper
117 100
82 65.5 54.5 81.7
119 33.5 24.6 37.0

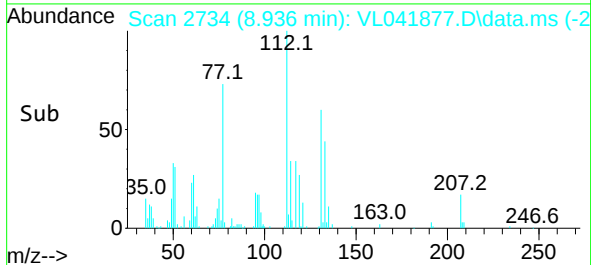
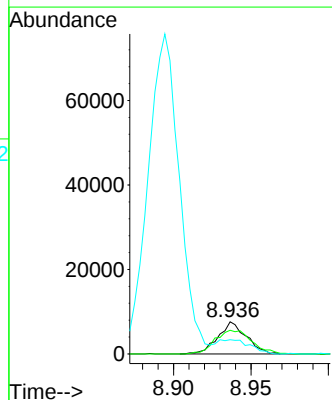
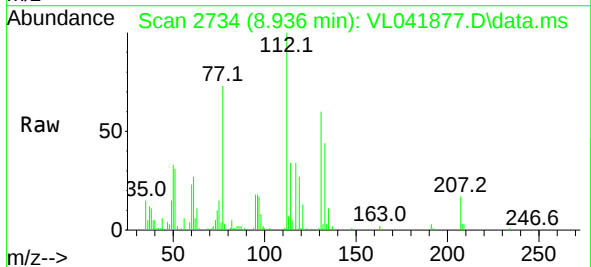
Manual Integrations
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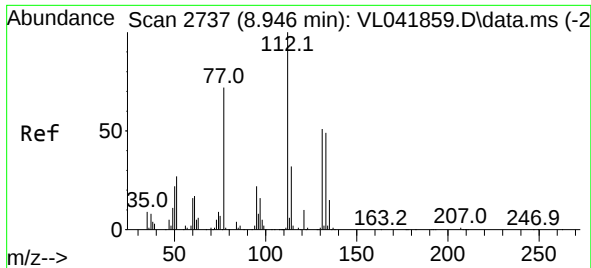
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.482 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Tgt Ion:131 Resp: 9676
Ion Ratio Lower Upper
131 100
133 95.4 77.4 116.2
119 1164.9 49.4 74.0#





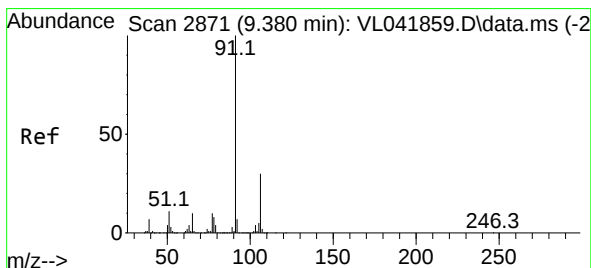
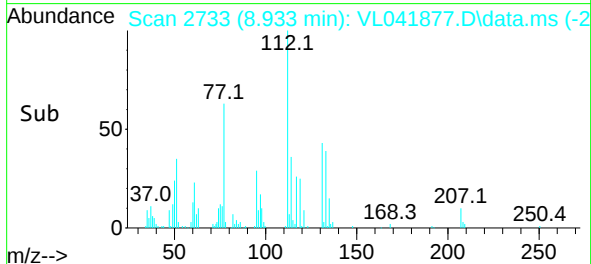
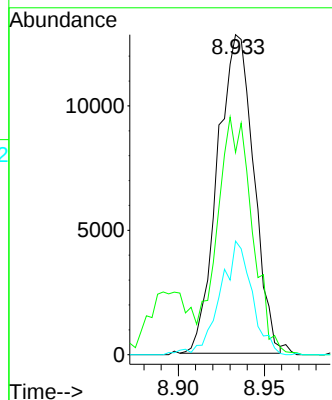
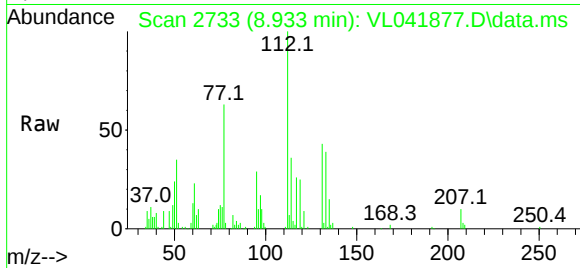
#57
Chlorobenzene
Concen: 0.499 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:112 Resp: 18725
Ion Ratio Lower Upper
112 100
77 61.1 58.3 87.5
114 35.2 28.9 35.3

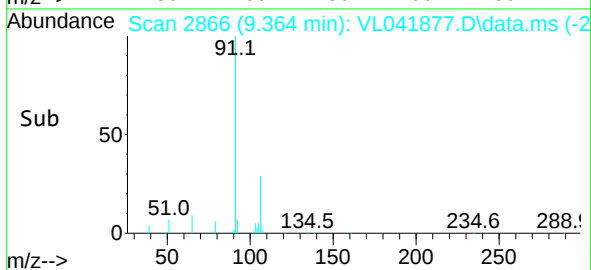
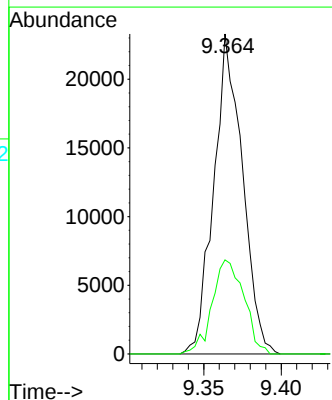
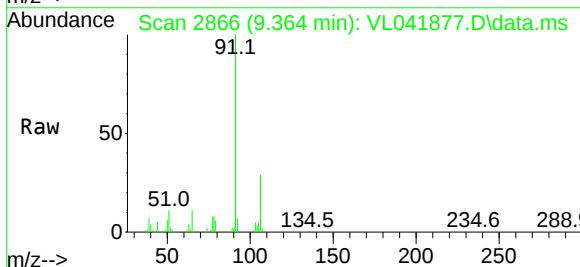
Manual Integrations
APPROVED

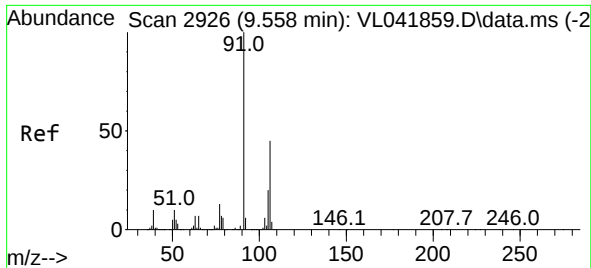
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58
Ethyl Benzene
Concen: 0.433 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.016 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Tgt Ion: 91 Resp: 29925
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.2





#59

m/p-Xylene

Concen: 0.912 ppbv m

RT: 9.545 min Scan# 2926

Delta R.T. -0.013 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

Instrument :

MSVOA_L

ClientSampleId :

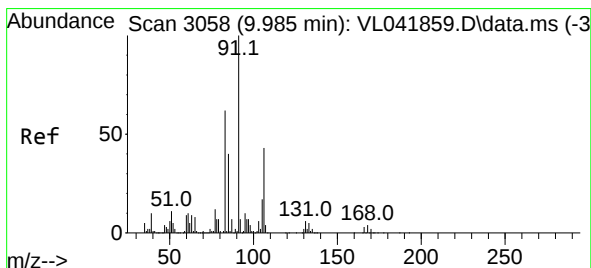
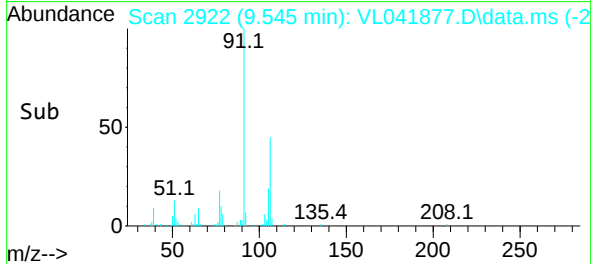
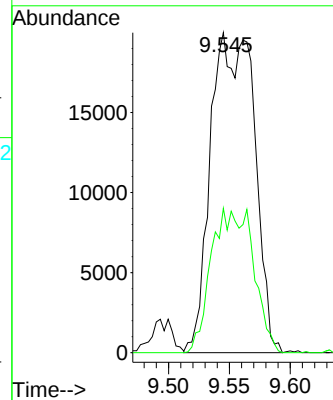
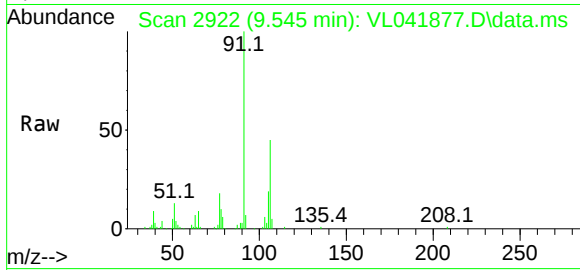
MDL 0.4

Tgt Ion: 91 Resp: 49892
 Ion Ratio Lower Upper
 91 100
 106 43.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#60

o-Xylene

Concen: 0.447 ppbv

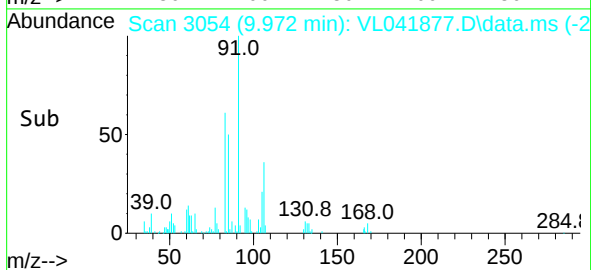
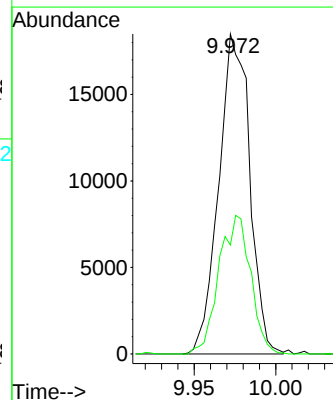
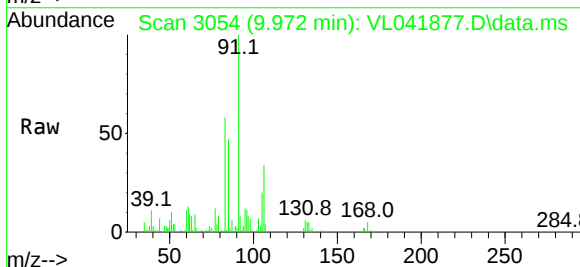
RT: 9.972 min Scan# 3054

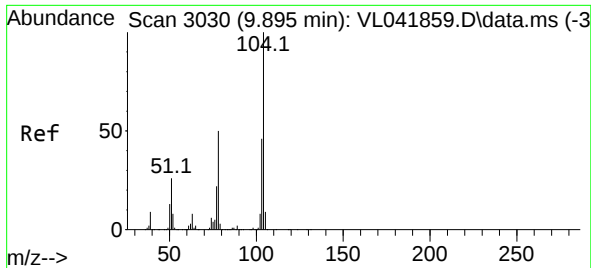
Delta R.T. -0.013 min

Lab File: VL041877.D

Acq: 09 Jan 2025 21:16

Tgt Ion: 91 Resp: 24391
 Ion Ratio Lower Upper
 91 100
 106 44.4 21.4 64.3





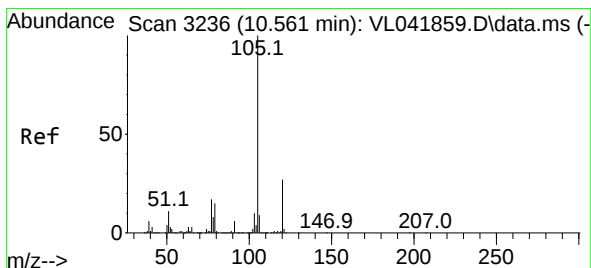
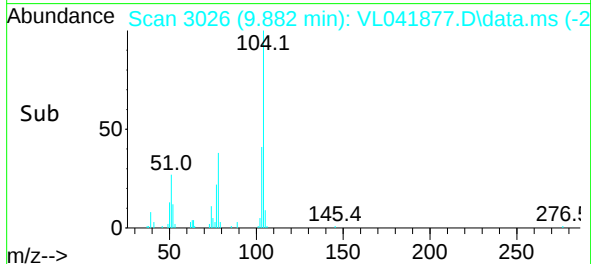
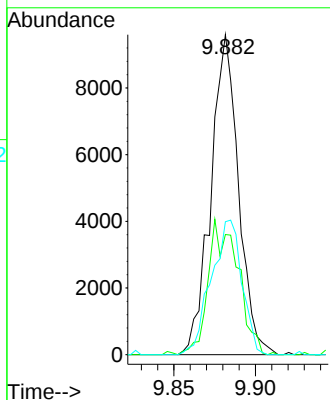
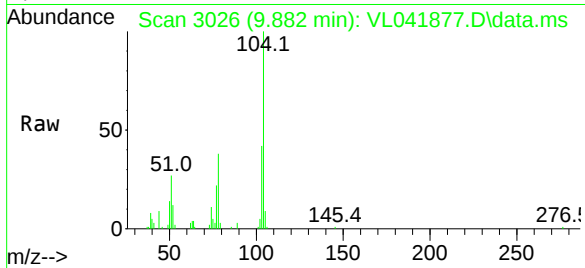
#61
Styrene
Concen: 0.416 ppbv
RT: 9.882 min Scan# 3030
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument : MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:104 Resp: 11338
Ion Ratio Lower Upper
104 100
78 45.8 40.7 61.1
103 46.6 37.0 55.6

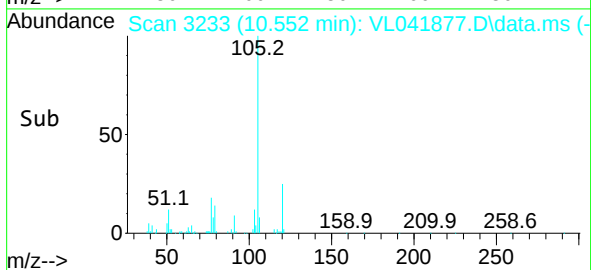
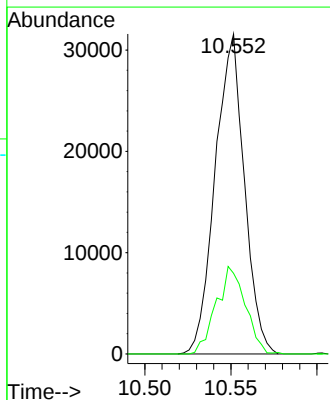
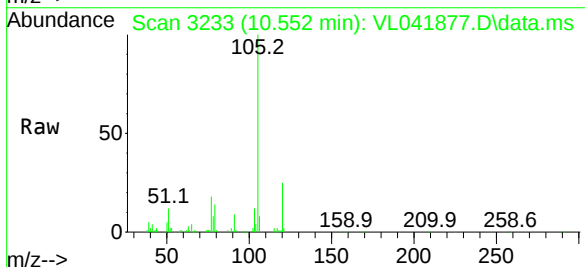
Manual Integrations
APPROVED

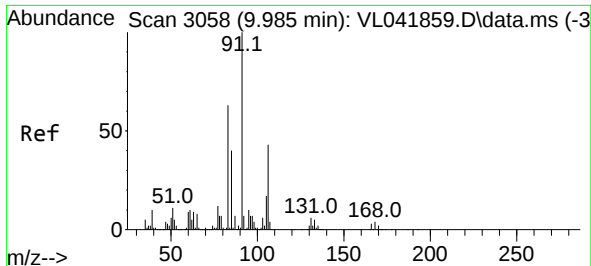
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#62
Isopropylbenzene
Concen: 0.453 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

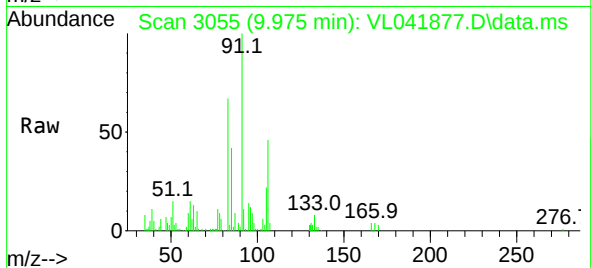
Tgt Ion:105 Resp: 37184
Ion Ratio Lower Upper
105 100
120 27.4 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.460 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

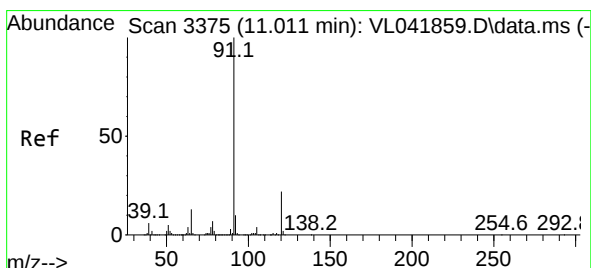
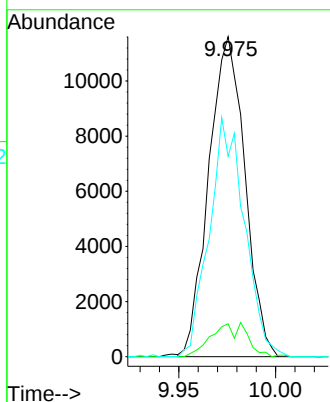
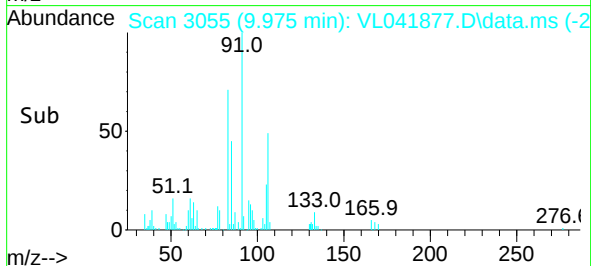
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



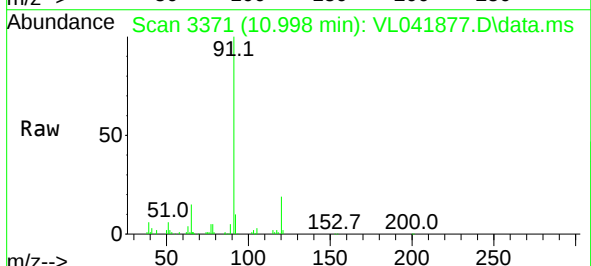
Tgt Ion: 83 Resp: 1507
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 72.9 32.1 96.3

Manual Integrations
APPROVED

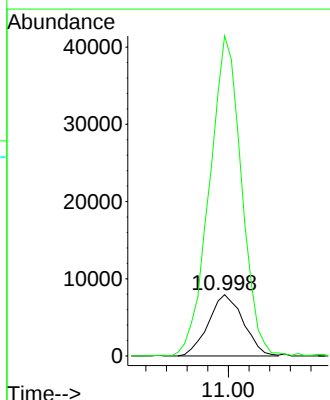
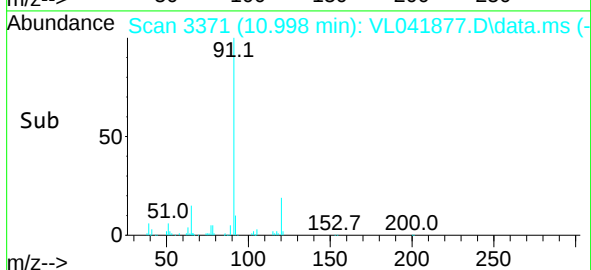
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

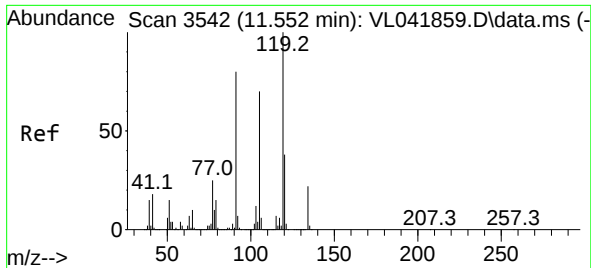


#64
n-propylbenzene
Concen: 0.436 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



Tgt Ion:120 Resp: 9322
Ion Ratio Lower Upper
120 100
91 481.9 376.9 565.3





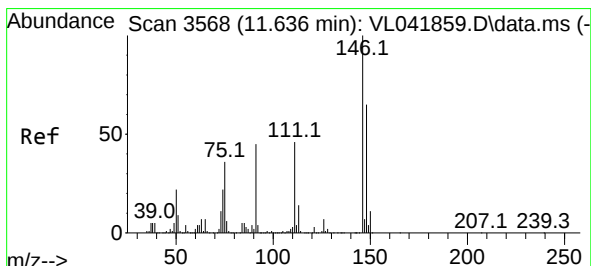
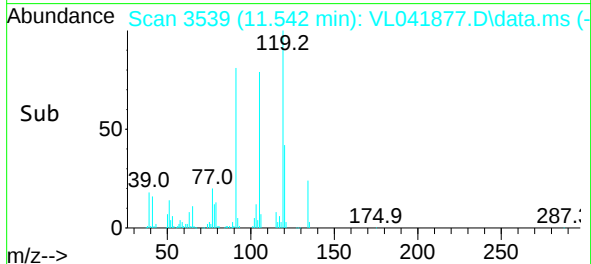
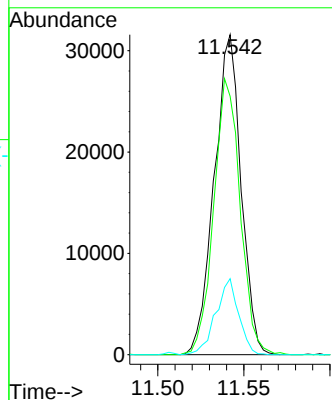
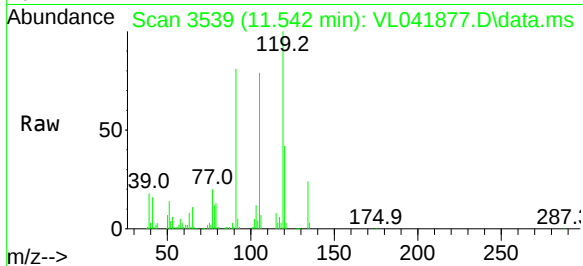
#65
tert-Butylbenzene
Concen: 0.461 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 119 Resp: 3426
Ion Ratio Lower Upper
119 100
91 85.0 64.6 97.0
134 20.5 16.9 25.3

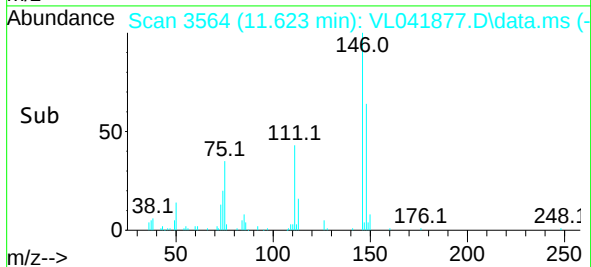
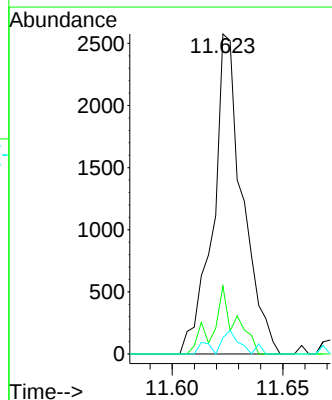
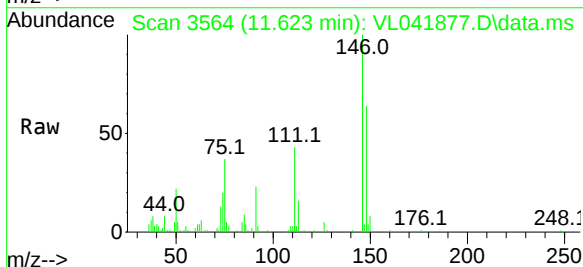
Manual Integrations
APPROVED

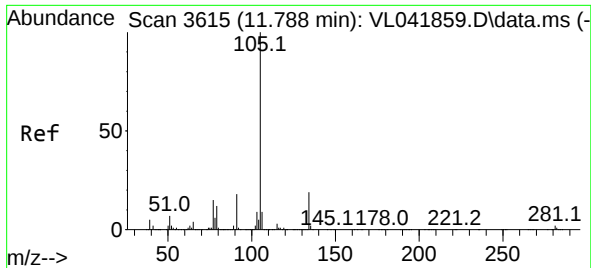
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 0.309 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

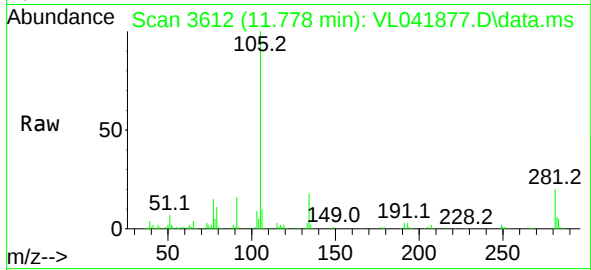
Tgt Ion: 91 Resp: 2375
Ion Ratio Lower Upper
91 100
126 16.3 13.9 20.9
128 6.1 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 0.475 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.010 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16

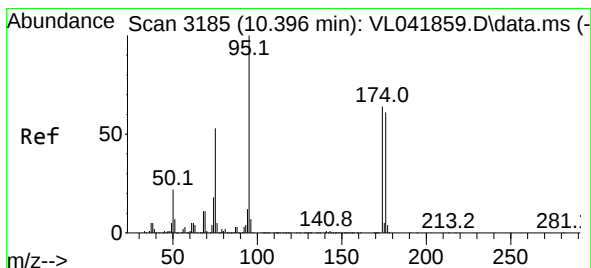
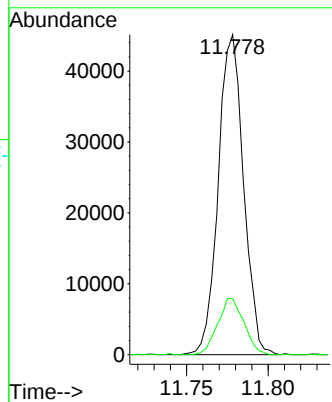
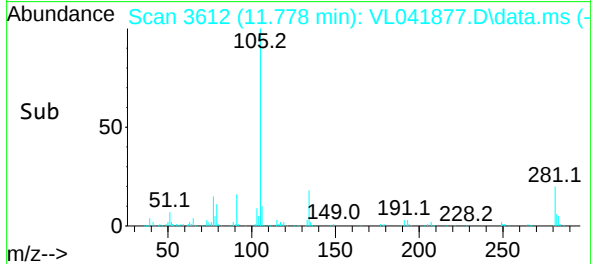
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



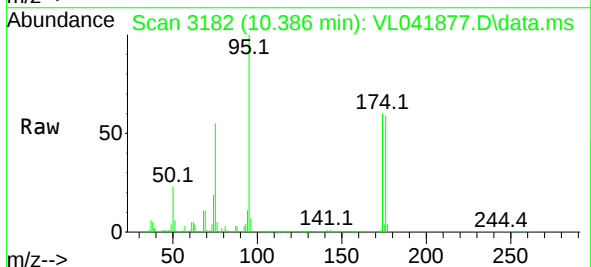
Tgt Ion: 105 Resp: 48652
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.4 23.2

Manual Integrations
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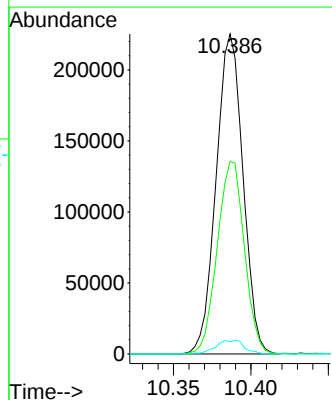
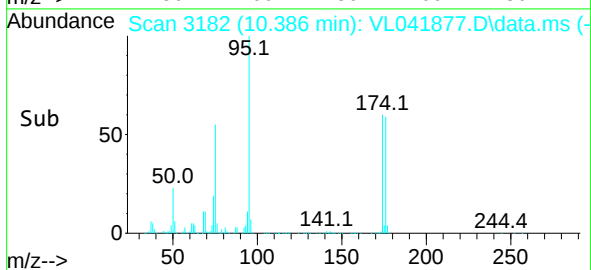
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

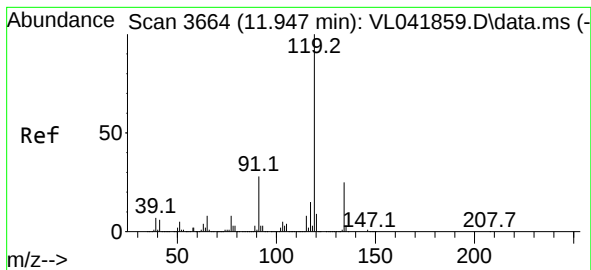


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.075 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. -0.010 min
 Lab File: VL041877.D
 Acq: 09 Jan 2025 21:16



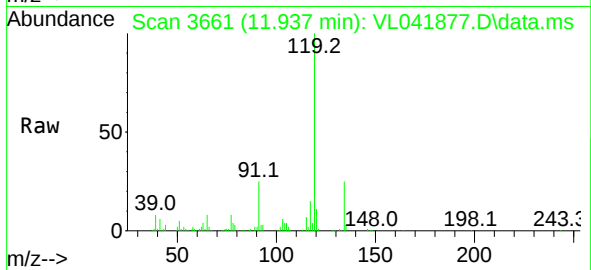
Tgt Ion: 95 Resp: 271852
 Ion Ratio Lower Upper
 95 100
 174 60.8 51.1 76.7
 175 4.5 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.450 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

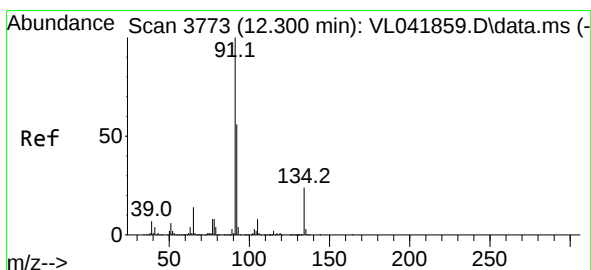
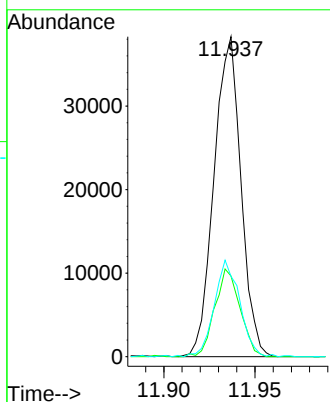
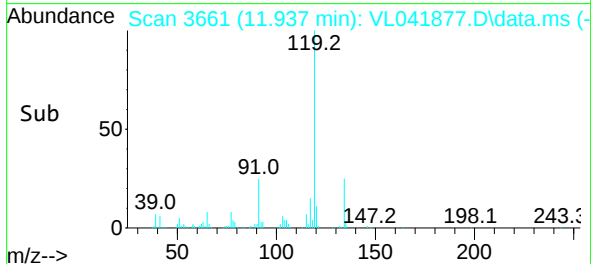
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



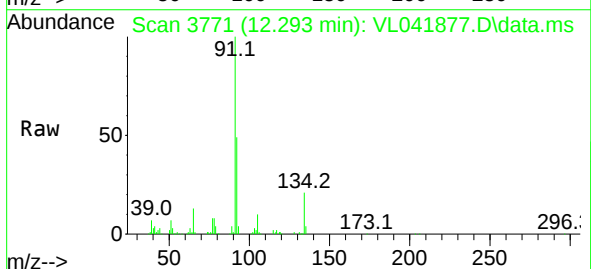
Tgt Ion:119 Resp: 39320
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 28.8 22.6 34.0

Manual Integrations
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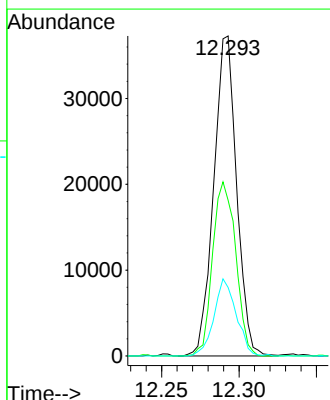
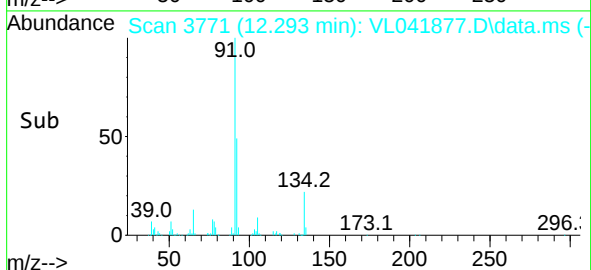
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

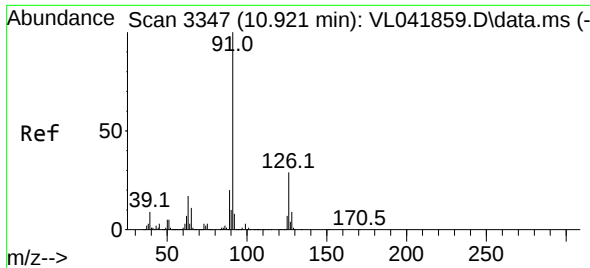


#70
n-Butylbenzene
Concen: 0.437 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



Tgt Ion: 91 Resp: 38289
Ion Ratio Lower Upper
91 100
92 54.9 43.8 65.8
134 23.5 19.3 28.9





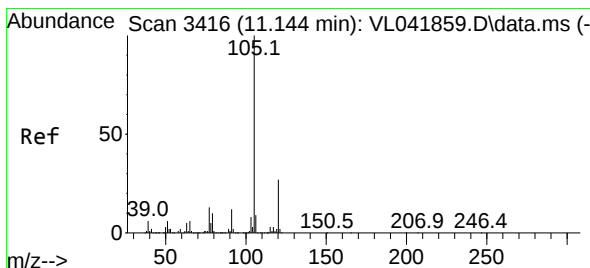
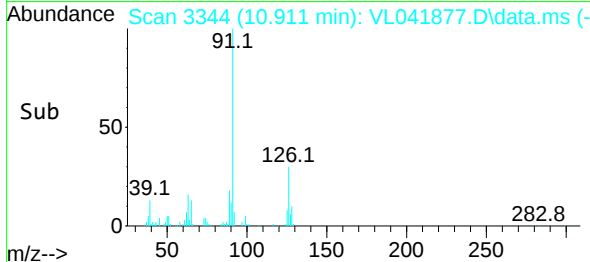
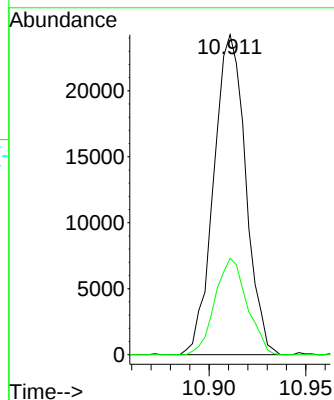
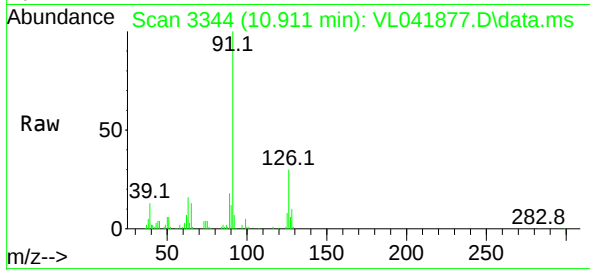
#71
2-Chlorotoluene
Concen: 0.438 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 91 Resp: 27864
Ion Ratio Lower Upper
91 100
126 30.1 11.6 46.6

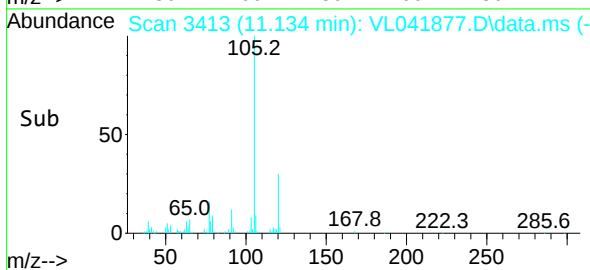
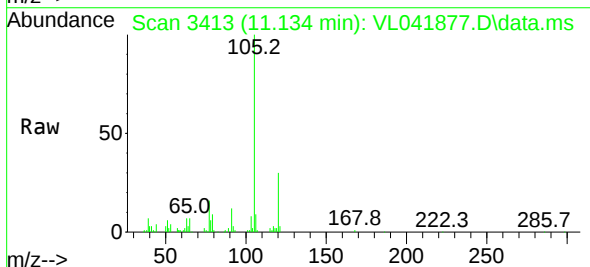
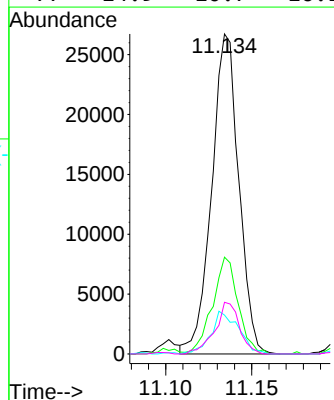
Manual Integrations
APPROVED

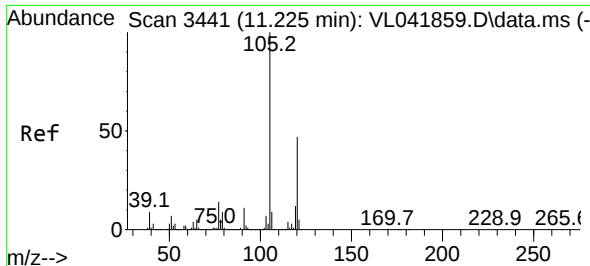
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#72
4-Ethyltoluene
Concen: 0.437 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

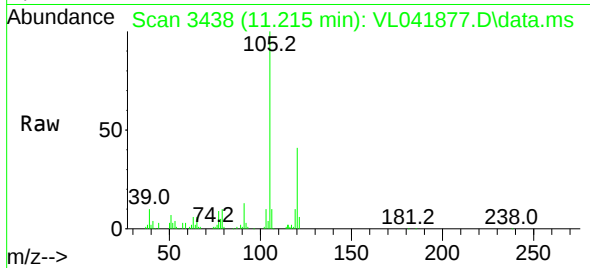
Tgt Ion:105 Resp: 29242
Ion Ratio Lower Upper
105 100
120 29.8 23.5 35.3
91 14.0 9.8 14.8
77 14.9 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.440 ppbv
RT: 11.215 min Scan# 3441
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

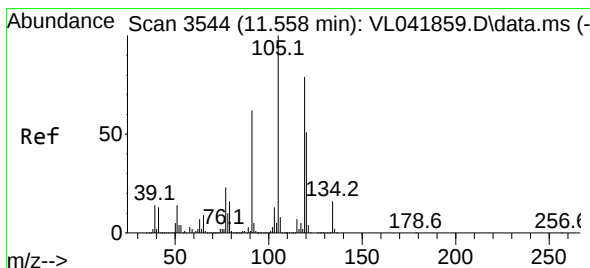
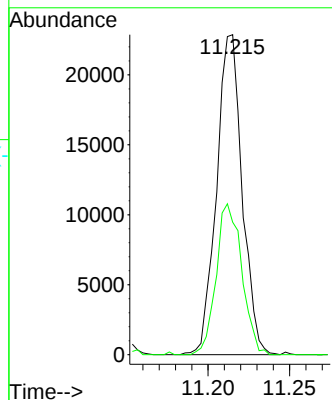
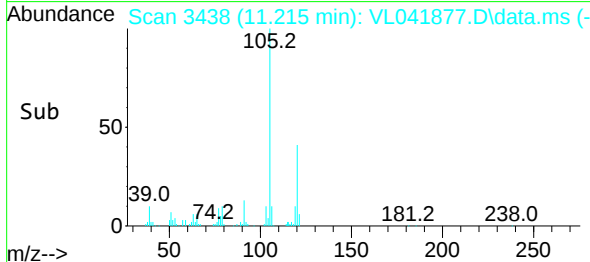
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



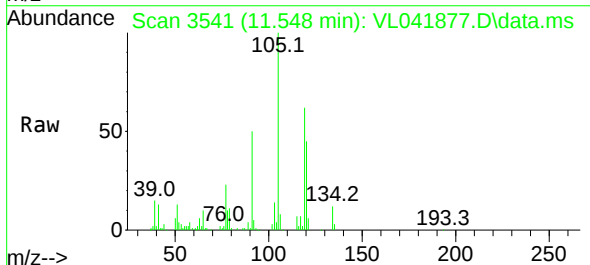
Tgt Ion:105 Resp: 2498
Ion Ratio Lower Upper
105 100
120 41.4 37.2 55.8

Manual Integrations
APPROVED

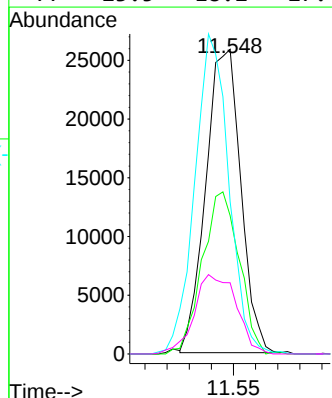
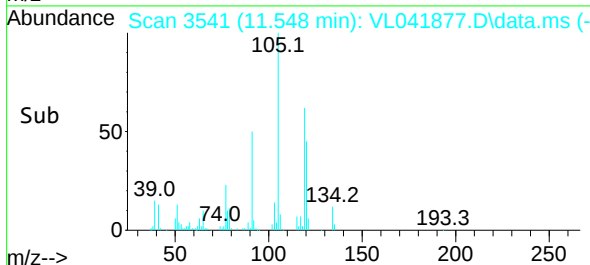
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

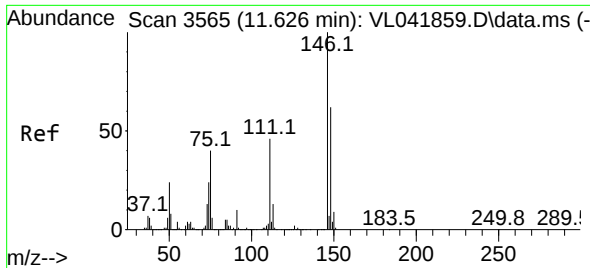


#74
1,2,4-Trimethylbenzene
Concen: 0.460 ppbv
RT: 11.548 min Scan# 3541
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



Tgt Ion:105 Resp: 28377
Ion Ratio Lower Upper
105 100
120 45.0 41.1 61.7
91 49.4 50.0 75.0#
77 23.5 18.2 27.4





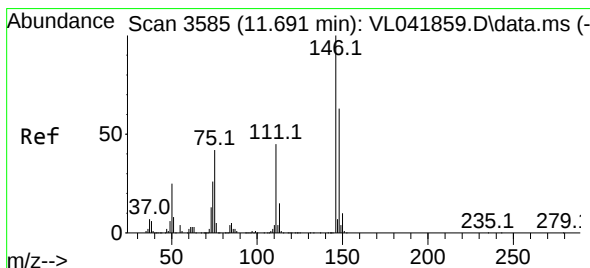
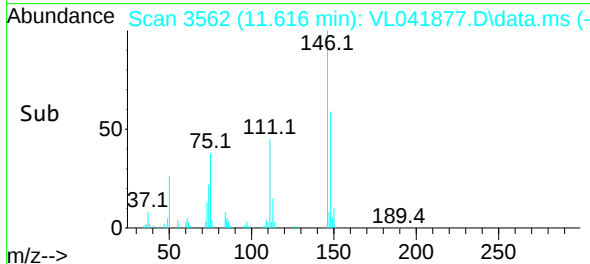
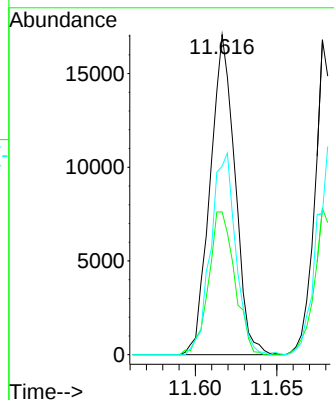
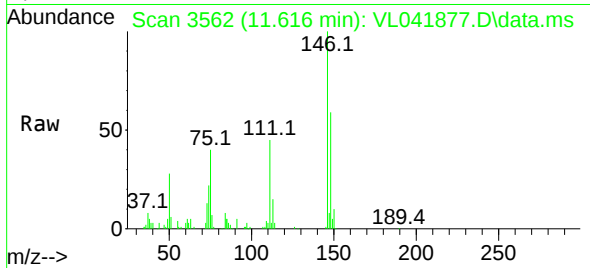
#75
1,3-Dichlorobenzene
Concen: 0.489 ppbv
RT: 11.616 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:146 Resp: 18072
Ion Ratio Lower Upper
146 100
111 46.8 23.2 69.5
148 63.6 31.6 94.7

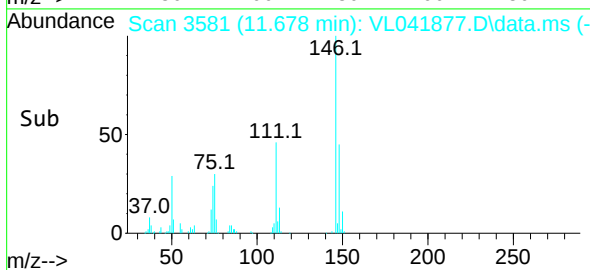
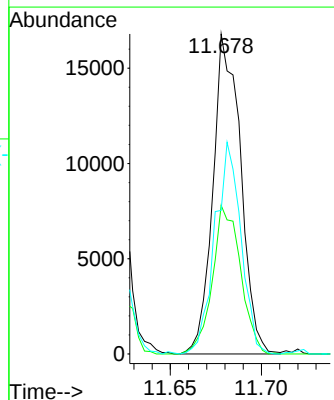
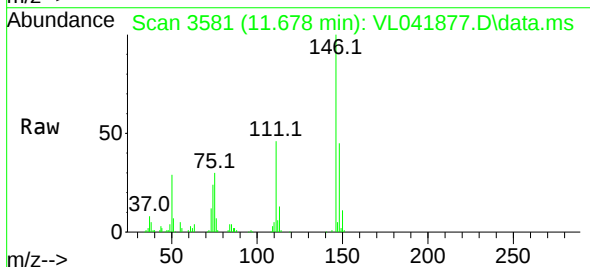
Manual Integrations
APPROVED

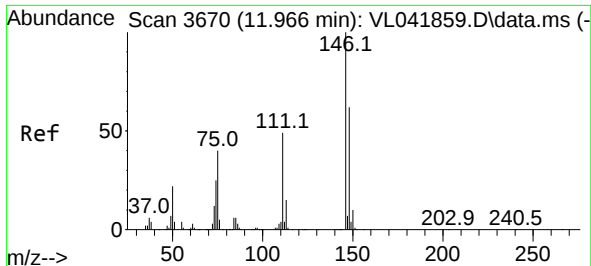
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#76
1,4-Dichlorobenzene
Concen: 0.484 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.013 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

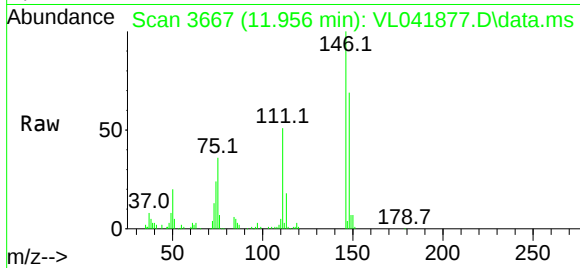
Tgt Ion:146 Resp: 17706
Ion Ratio Lower Upper
146 100
111 47.2 22.1 66.1
148 62.4 31.2 93.6





#77
1,2-Dichlorobenzene
Concen: 0.521 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

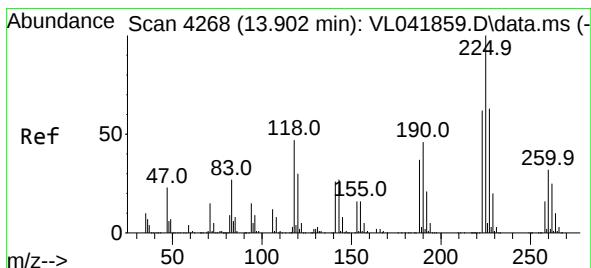
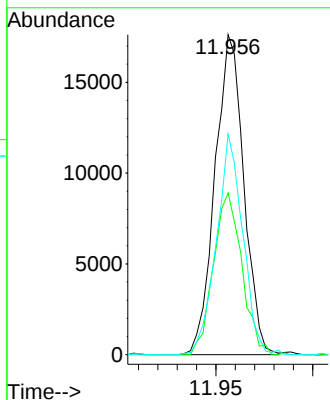
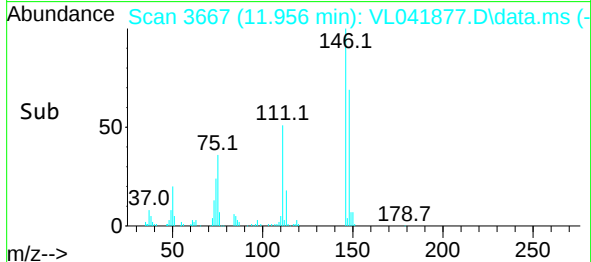
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



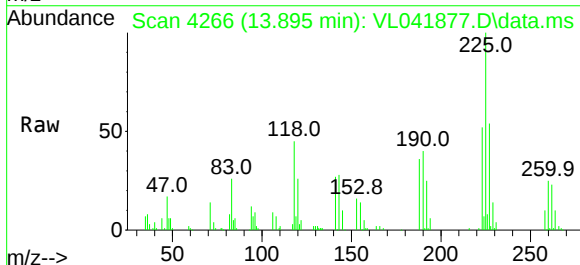
Tgt Ion:146 Resp: 1821
Ion Ratio Lower Upper
146 100
111 50.0 24.1 72.3
148 63.1 31.5 94.5

Manual Integrations
APPROVED

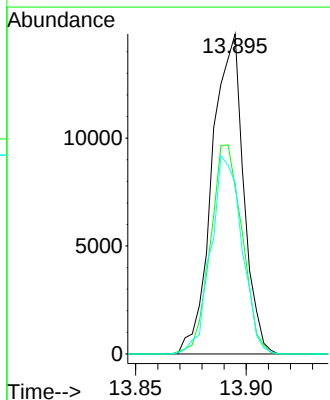
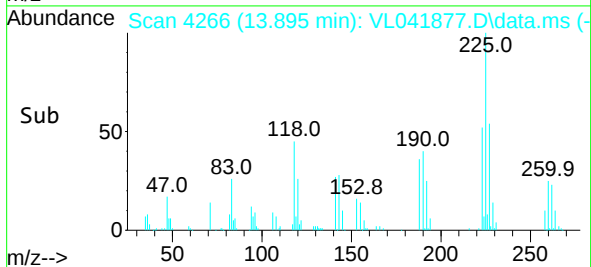
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

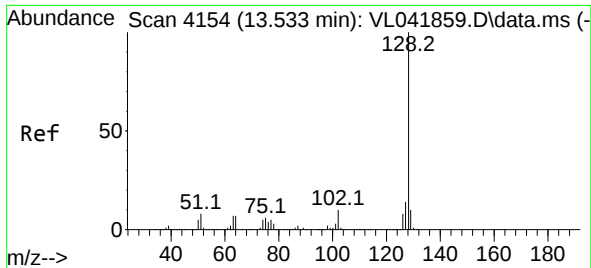


#78
Hexachloro-1,3-Butadiene
Concen: 0.486 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



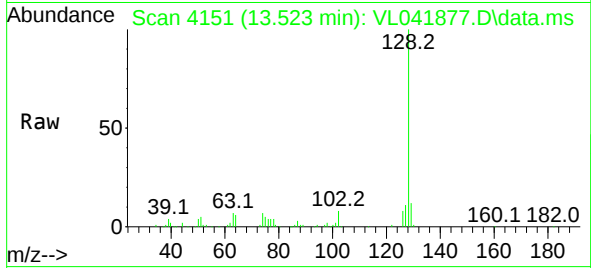
Tgt Ion:225 Resp: 14604
Ion Ratio Lower Upper
225 100
223 65.9 50.6 75.8
227 61.4 50.9 76.3





#79
Naphthalene
Concen: 0.411 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. -0.010 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16

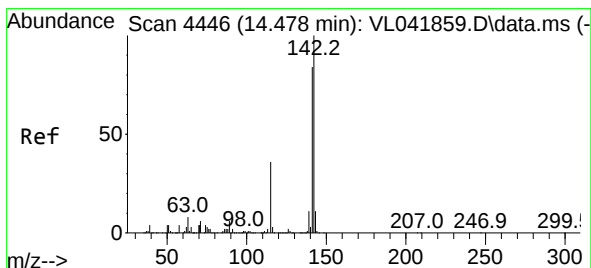
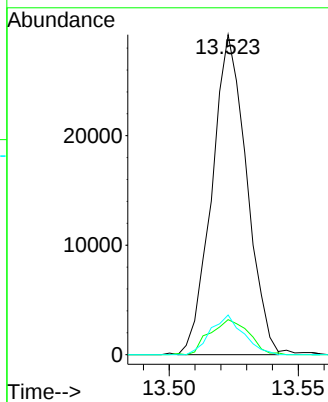
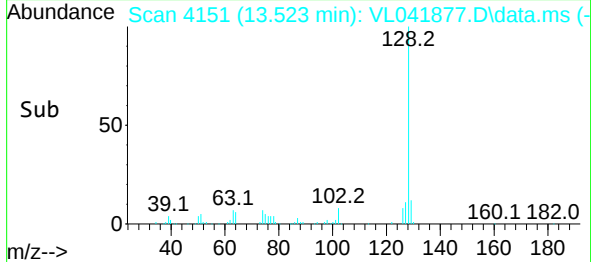
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



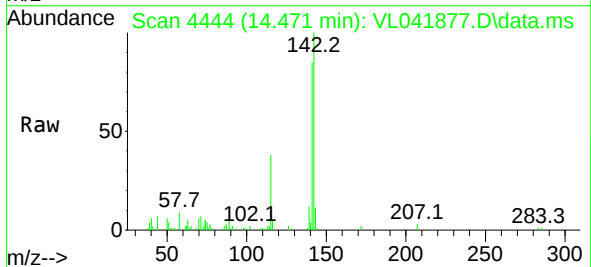
Tgt Ion:128 Resp: 2733
Ion Ratio Lower Upper
128 100
127 10.6 10.8 16.2
129 12.4 8.2 12.4

Manual Integrations
APPROVED

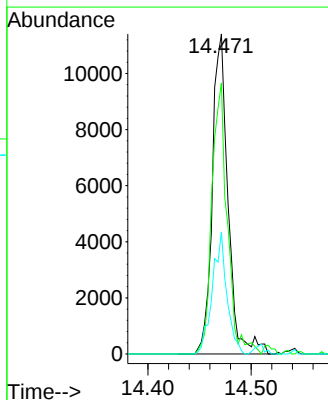
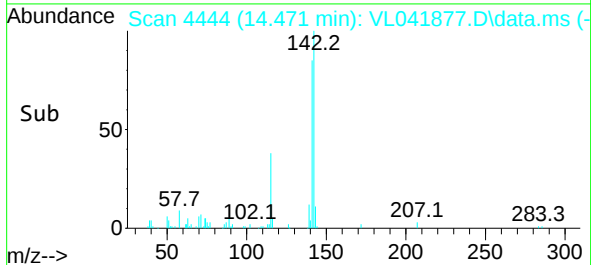
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

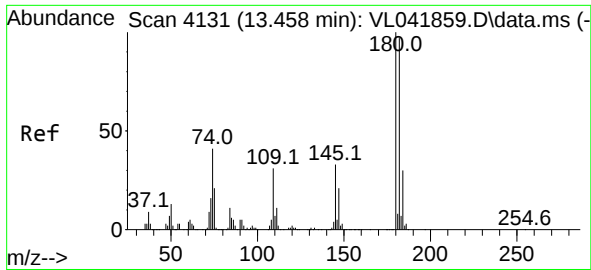


#80
Naphthalene,2-methyl-
Concen: 0.336 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.007 min
Lab File: VL041877.D
Acq: 09 Jan 2025 21:16



Tgt Ion:142 Resp: 12032
Ion Ratio Lower Upper
142 100
141 84.9 68.2 102.4
115 37.0 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 0.448 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041877.D

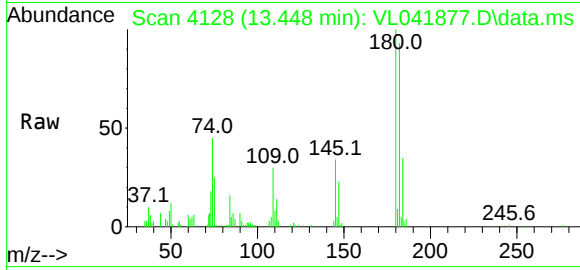
Acq: 09 Jan 2025 21:16

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion:180 Resp: 14159

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

184 35.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025

