

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042467.D
 Acq On : 01 May 2025 15:46
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL050125

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 03:48:56 2025

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	63539	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	183679	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	156982	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 150522 10.342 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	108782	10.346	ppbv	97
3) Chlorodifluoromethane	1.476	51	110290	9.921	ppbv	98
4) Chloromethane	1.534	50	43950	10.001	ppbv	96
5) Vinyl Chloride	1.580	62	41181	9.307	ppbv	99
6) Bromomethane	1.667	94	21021	10.055	ppbv	91
7) Chloroethane	1.706	64	16630	10.179	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	89345	10.307	ppbv	99
9) Propene	1.486	41	36920	10.153	ppbv	97
10) Heptane	4.985	43	94631	10.033	ppbv	95
11) Trichlorofluoromethane	1.878	101	100713	10.380	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	81143	10.474	ppbv	99
13) Ethanol	1.722	45	5736	7.773	ppbv	99
14) Bromoethene	1.780	108	30094	10.522	ppbv	97
15) Acetone	1.835	43	95460	8.230	ppbv	98
16) 1,3-Butadiene	1.609	39	49566	9.689	ppbv	100
17) tert-Butyl alcohol	2.043	59	102047	9.986	ppbv	100
18) 1,1-Dichloroethene	2.033	96	35784	9.892	ppbv	98
19) Isopropyl Alcohol	1.887	45	60977	9.499	ppbv	99
20) Methylene Chloride	2.062	84	31212	8.951	ppbv	94
21) Allyl Chloride	2.098	41	73365	9.835	ppbv	94
22) trans-1,2-Dichloroethene	2.340	96	42922	10.160	ppbv	96
23) Vinyl Acetate	2.463	43	113131	10.220	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	89117	10.340	ppbv	97
25) Ethyl Acetate	2.839	43	186185	10.025	ppbv	99
26) Hexane	2.826	57	83132	10.275	ppbv	96
27) Carbon Disulfide	2.149	76	100196	10.612	ppbv	96
28) Methyl tert-Butyl Ether	2.441	73	48326	9.942	ppbv	100
29) Chloroform	2.852	83	152381	10.050	ppbv	96
30) Cyclohexane	3.858	84	70581	10.434	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	95793	10.148	ppbv	96
32) 1,1,1-Trichloroethane	3.370	97	161465	9.816	ppbv	99
34) 2-Butanone	2.560	43	125883	9.475	ppbv	97
35) Carbon Tetrachloride	3.764	117	166814	9.998	ppbv	97
36) Benzene	3.658	78	171384	9.888	ppbv	98
37) 1,2-Dichloroethane	3.221	62	130063	9.736	ppbv	100
38) Trichloroethene	4.551	130	65940	9.976	ppbv	96
39) 1,2-Dichloropropane	4.315	63	60010	9.248	ppbv	95
40) 1,4-Dioxane	4.583	88	28306m	9.316	ppbv	
41) Tetrahydrofuran	3.059	42	59604	9.440	ppbv	98
42) Bromodichloromethane	4.489	83	163210	9.999	ppbv	95
43) Methyl Methacrylate	4.881	69	67516	10.438	ppbv	99
44) 2,2,4-Trimethylpentane	4.642	57	277217	9.867	ppbv	100
45) t-1,3-Dichloropropene	6.415	75	89638m	10.563	ppbv	

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/02/2025
 Supervised By : Mahesh Dadoda 05/05/2025

Quant Time: May 02 03:48:56 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

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

Response via : Initial Calibration

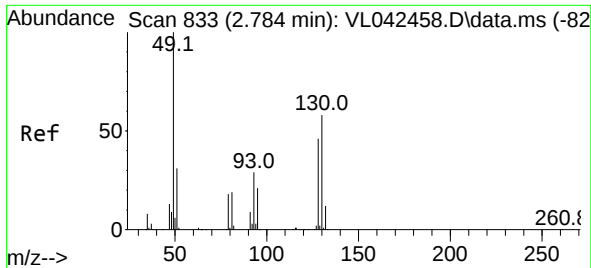
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	104665	10.378	ppbv	97
47) 1,1,2-Trichloroethane	6.584	97	67821	9.530	ppbv	95
48) Dibromochloromethane	7.393	129	121381	10.103	ppbv	97
49) Bromoform	9.487	173	102150	10.138	ppbv	100
50) 4-Methyl-2-Pentanone	5.752	43	159280	9.478	ppbv	99
51) 2-Hexanone	7.438	43	126396	9.407	ppbv #	98
52) Tetrachloroethene	8.228	164	58272	8.832	ppbv	96
53) Toluene	6.940	91	191922	10.461	ppbv	99
54) 1,2-Dibromoethane	7.658	107	105149	9.664	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.927	131	92337	9.959	ppbv	97
57) Chlorobenzene	8.927	112	148759	9.431	ppbv	92
58) Ethyl Benzene	9.357	91	280660	10.698	ppbv	99
59) m/p-Xylene	9.555	91	468984m	21.324	ppbv	
60) o-Xylene	9.966	91	238347	10.824	ppbv	97
61) Styrene	9.872	104	91128	11.090	ppbv	97
62) Isopropylbenzene	10.542	105	337992	10.641	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	140306	9.242	ppbv	100
64) n-propylbenzene	10.992	120	79983	10.303	ppbv	99
65) tert-Butylbenzene	11.536	119	302506	10.672	ppbv	99
66) Benzyl Chloride	11.617	91	34933	10.663	ppbv	97
67) sec-Butylbenzene	11.769	105	425444	10.562	ppbv	99
69) p-Isopropyltoluene	11.927	119	363563	10.712	ppbv	98
70) n-Butylbenzene	12.283	91	371369	10.585	ppbv	99
71) 2-Chlorotoluene	10.905	91	264063	10.599	ppbv	99
72) 4-Ethyltoluene	11.128	105	287375	11.069	ppbv	99
73) 1,3,5-Trimethylbenzene	11.206	105	247128	10.823	ppbv	93
74) 1,2,4-Trimethylbenzene	11.539	105	278306	10.074	ppbv	98
75) 1,3-Dichlorobenzene	11.610	146	150026	9.754	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	151740	10.425	ppbv	97
77) 1,2-Dichlorobenzene	11.950	146	146314	9.719	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	133688	8.893	ppbv	99
79) Naphthalene	13.516	128	251318	10.806	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	198604	11.489	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	129406	10.433	ppbv	98

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

Manual Integrations

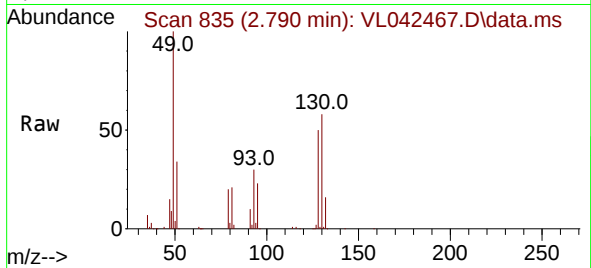
Quant Time: May 02 03:48:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

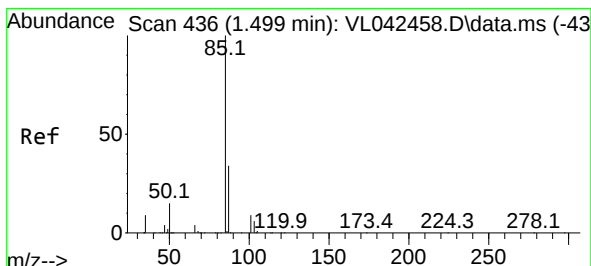
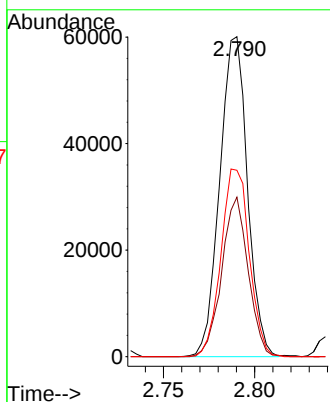
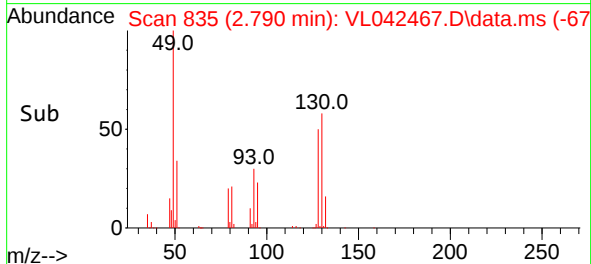
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



Tgt Ion: 49 Resp: 63539
Ion Ratio Lower Upper
49 100
128 47.6 23.3 69.9
130 60.0 29.5 88.6

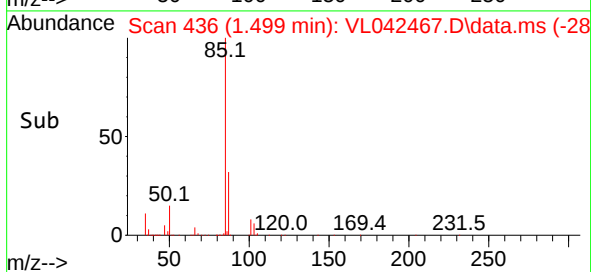
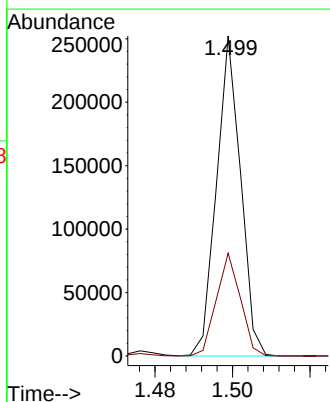
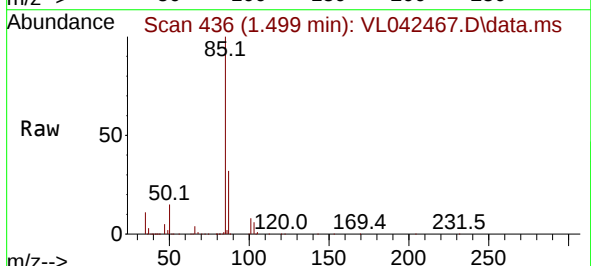
Manual Integrations
APPROVED

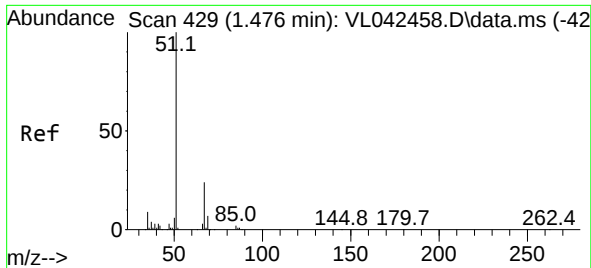
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#2
Dichlorodifluoromethane
Concen: 10.346 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

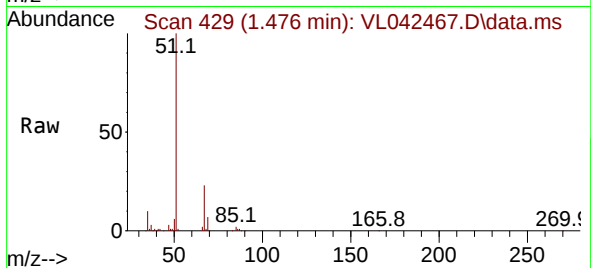
Tgt Ion: 85 Resp: 108782
Ion Ratio Lower Upper
85 100
87 32.1 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.921 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

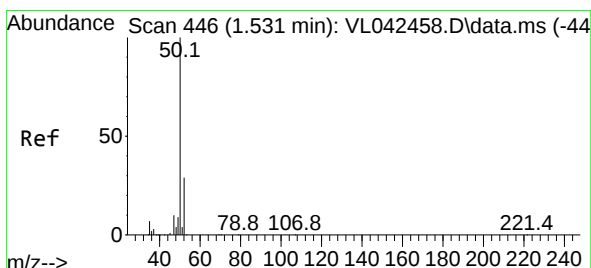
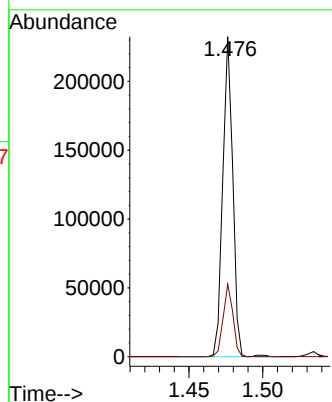
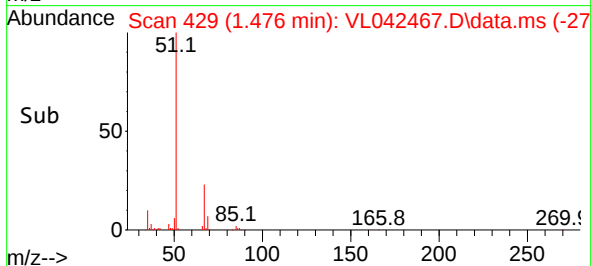
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



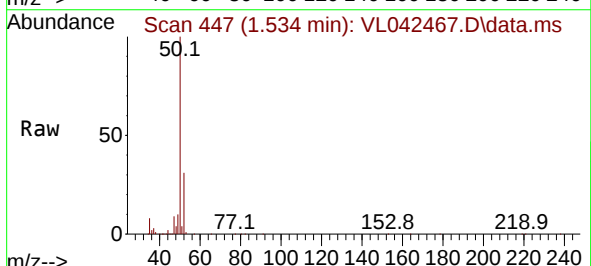
Tgt Ion: 51 Resp: 110290
Ion Ratio Lower Upper
51 100
67 22.1 18.4 27.6

Manual Integrations
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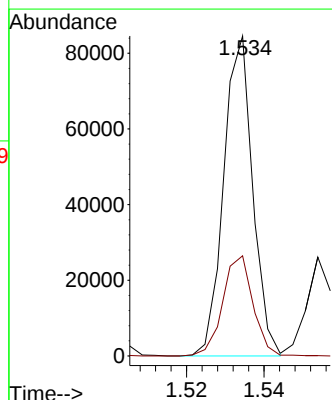
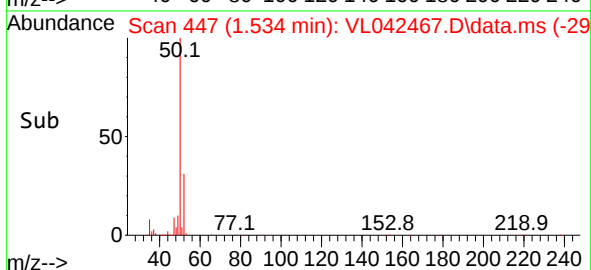
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

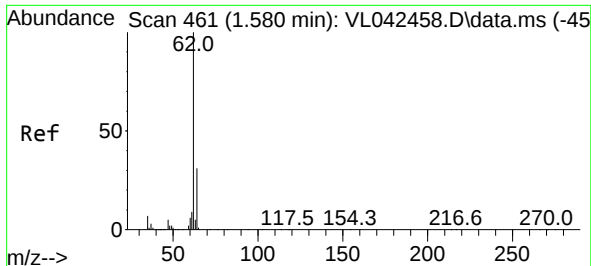


#4
Chloromethane
Concen: 10.001 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



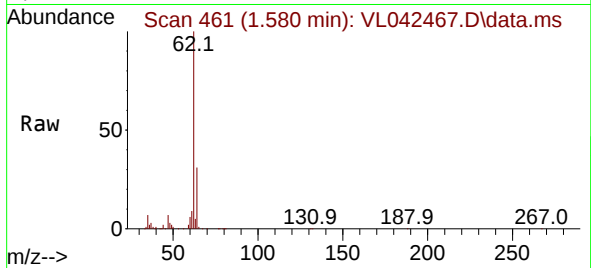
Tgt Ion: 50 Resp: 43950
Ion Ratio Lower Upper
50 100
52 31.3 23.5 35.3





#5
 Vinyl Chloride
 Concen: 9.307 ppbv
 RT: 1.580 min Scan# 4118
 Delta R.T. 0.000 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

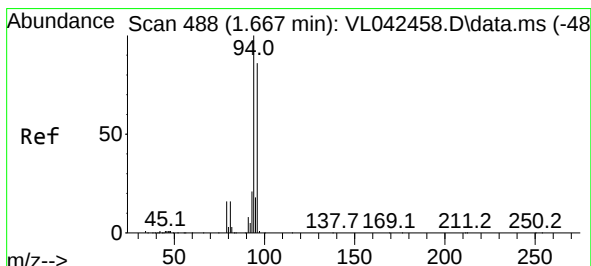
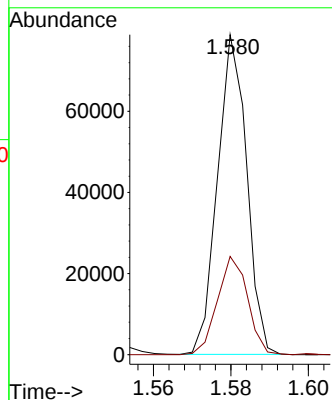
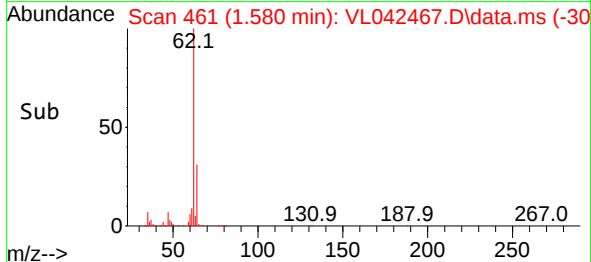
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL050125



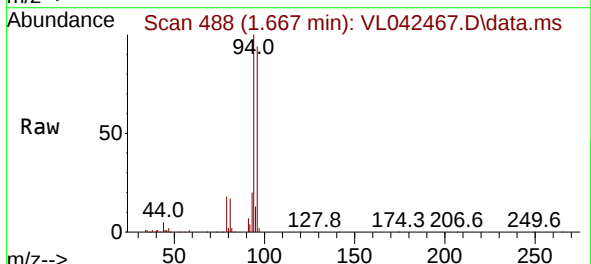
Tgt Ion: 62 Resp: 4118
 Ion Ratio Lower Upper
 62 100
 64 30.7 24.9 37.3

Manual Integrations
 APPROVED

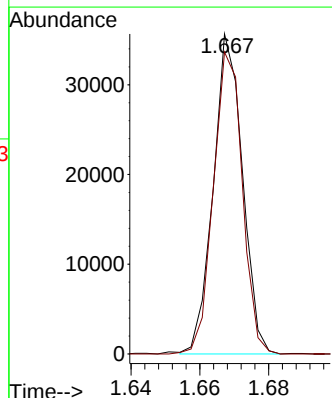
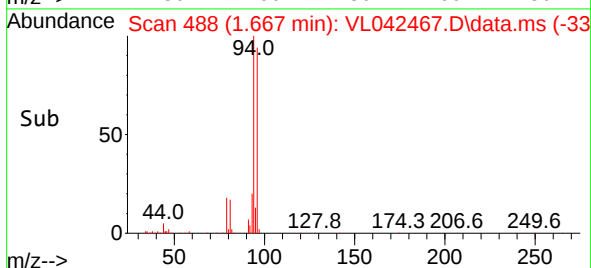
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#6
 Bromomethane
 Concen: 10.055 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46



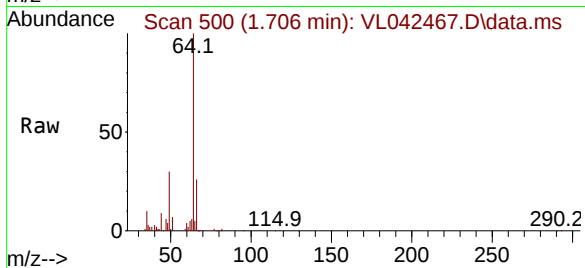
Tgt Ion: 94 Resp: 21021
 Ion Ratio Lower Upper
 94 100
 96 94.3 68.8 103.2





#7
Chloroethane
Concen: 10.179 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

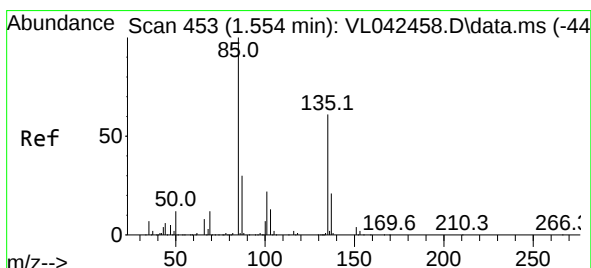
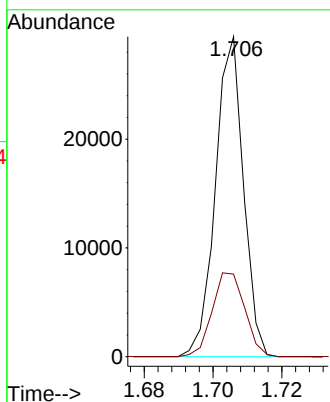
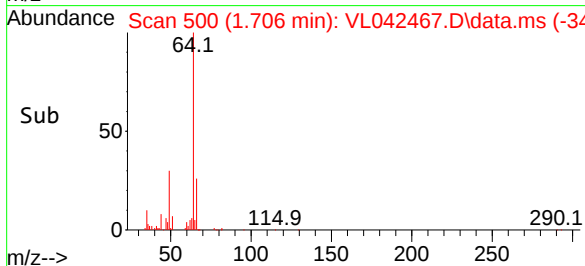
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



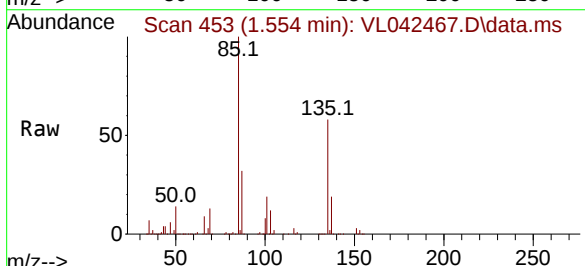
Tgt Ion: 64 Resp: 16630
Ion Ratio Lower Upper
64 100
66 25.8 25.0 37.4

Manual Integrations
APPROVED

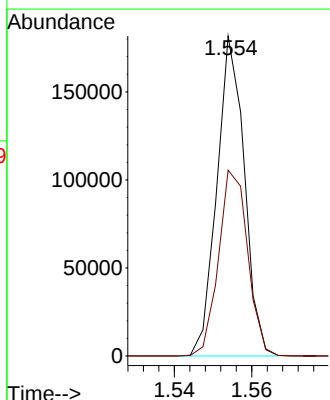
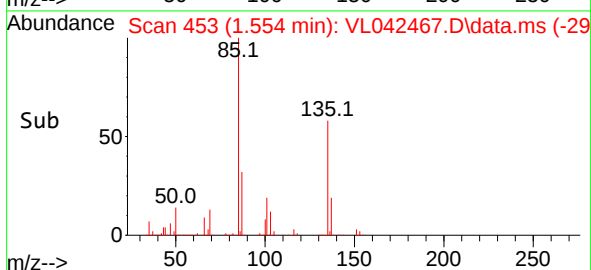
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

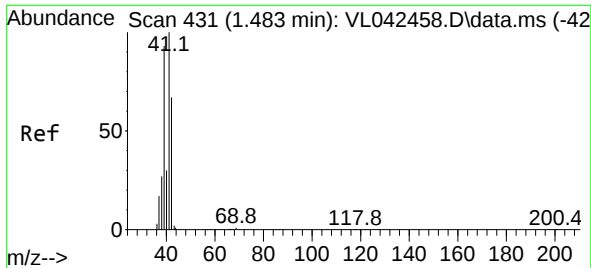


#8
Dichlorotetrafluoroethane
Concen: 10.307 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion: 85 Resp: 89345
Ion Ratio Lower Upper
85 100
135 61.7 49.8 74.8





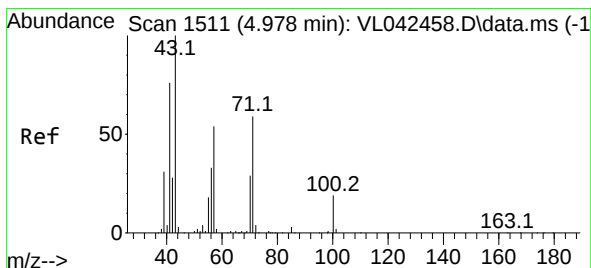
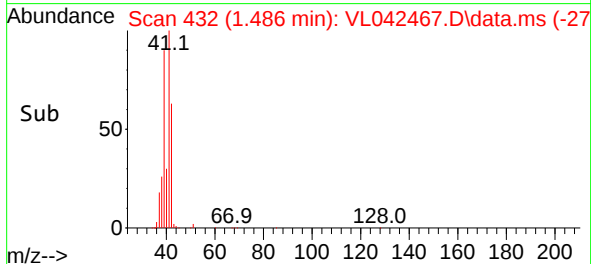
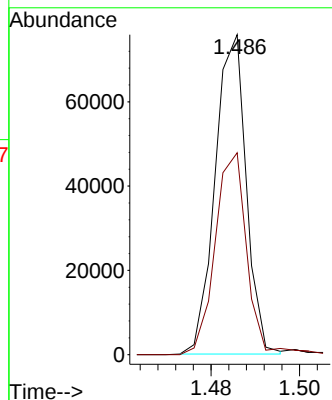
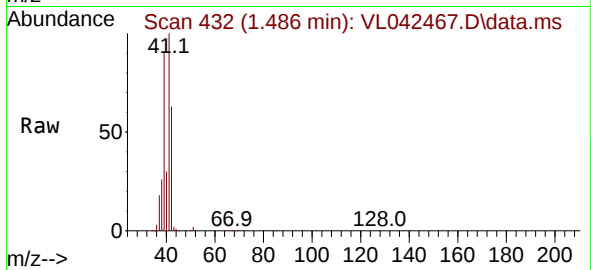
#9
 Propene
 Concen: 10.153 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL050125

Tgt Ion: 41 Resp: 36920
 Ion Ratio Lower Upper
 41 100
 42 65.1 54.3 81.5

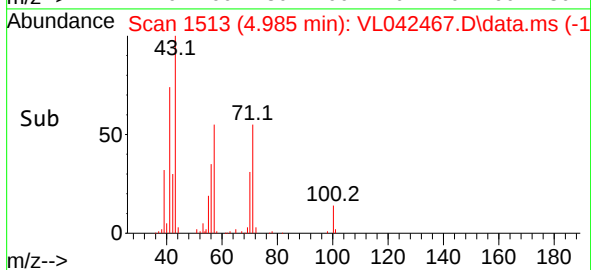
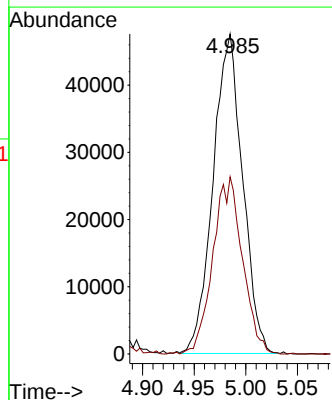
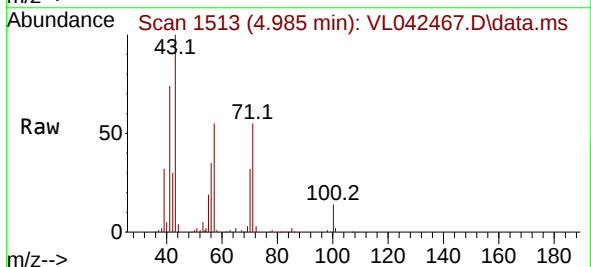
Manual Integrations
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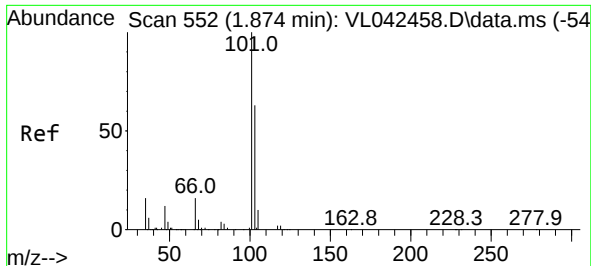
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#10
 Heptane
 Concen: 10.033 ppbv
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.007 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

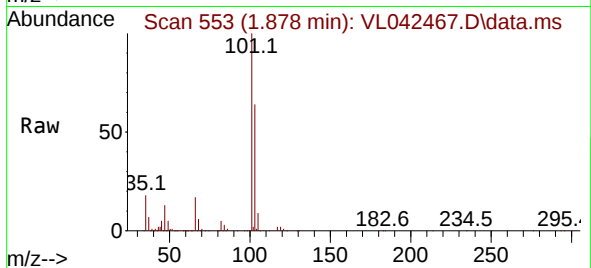
Tgt Ion: 43 Resp: 94631
 Ion Ratio Lower Upper
 43 100
 57 55.7 41.8 62.8





#11
 Trichlorofluoromethane
 Concen: 10.380 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

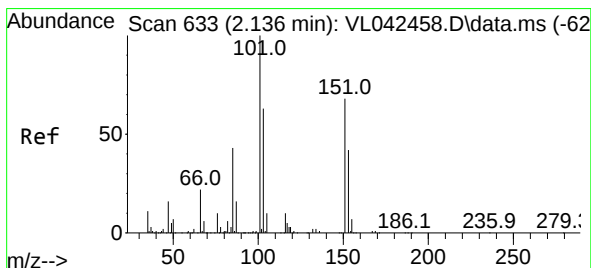
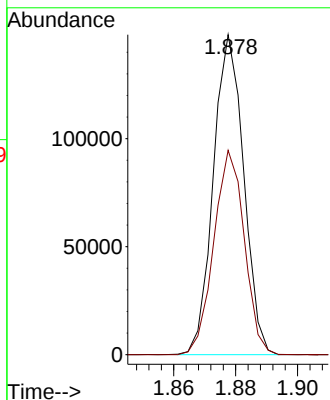
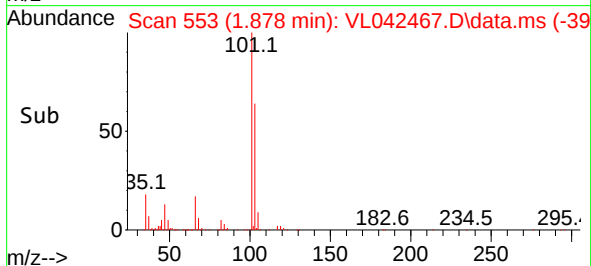
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL050125



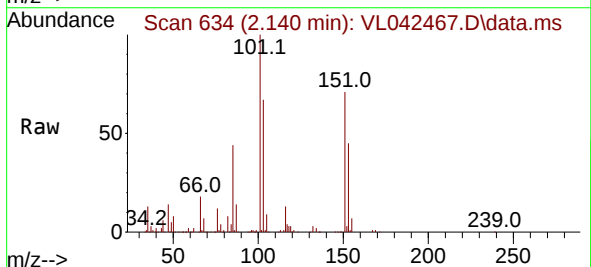
Tgt Ion:101 Resp: 100711
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.6 76.0

Manual Integrations
 APPROVED

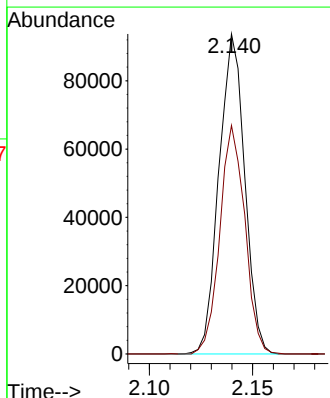
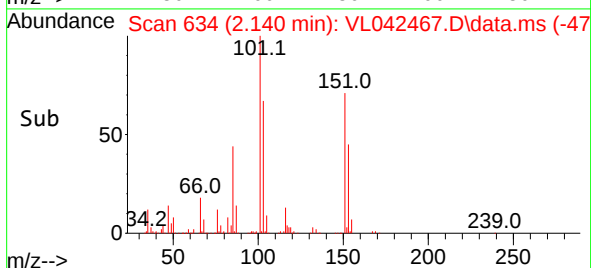
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

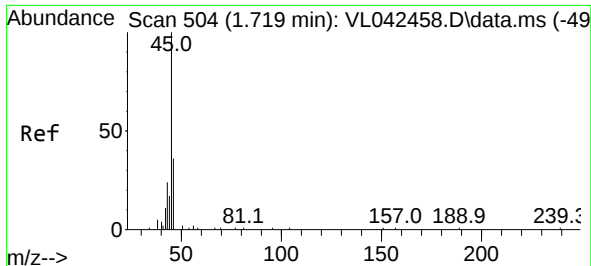


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.474 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46



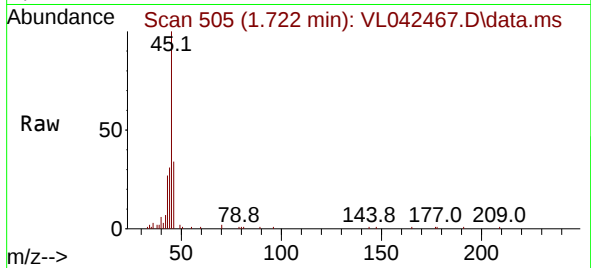
Tgt Ion:101 Resp: 81143
 Ion Ratio Lower Upper
 101 100
 151 69.5 54.6 82.0





#13
Ethanol
Concen: 7.773 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

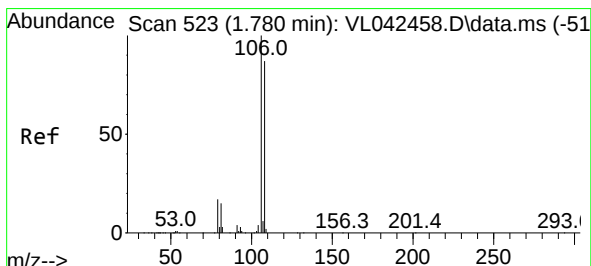
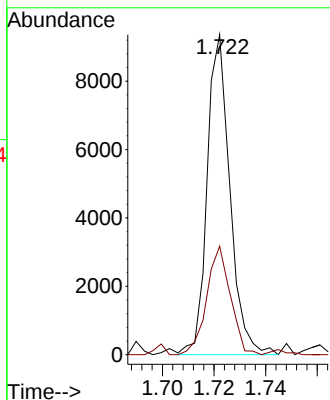
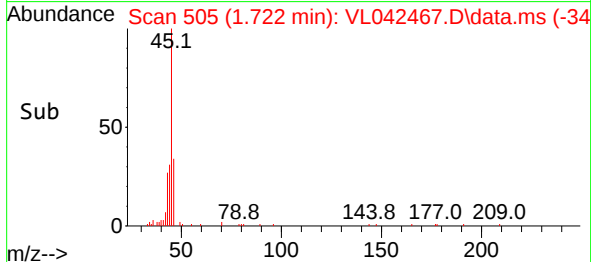
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



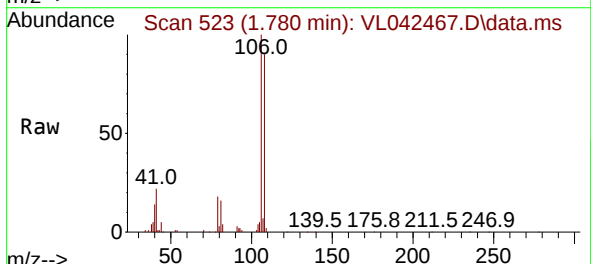
Tgt Ion: 45 Resp: 5730
Ion Ratio Lower Upper
45 100
46 37.8 15.3 61.1

Manual Integrations
APPROVED

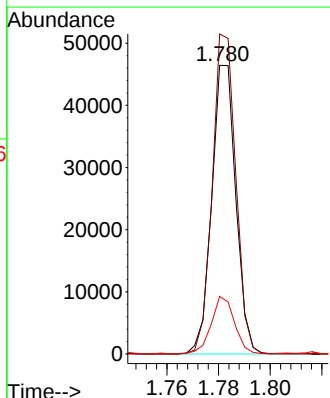
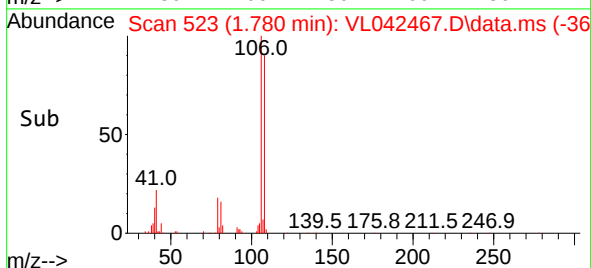
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

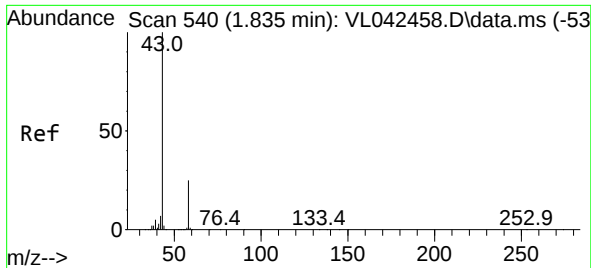


#14
Bromoethene
Concen: 10.522 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



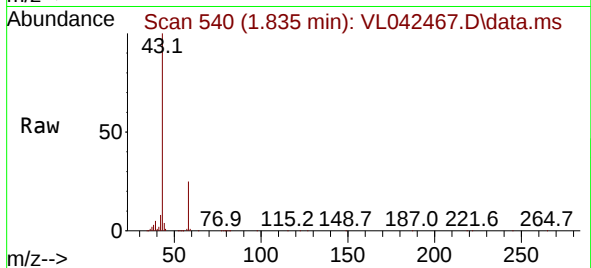
Tgt Ion:108 Resp: 30094
Ion Ratio Lower Upper
108 100
106 108.0 88.8 133.2
79 19.8 17.1 25.7





#15
Acetone
Concen: 8.230 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

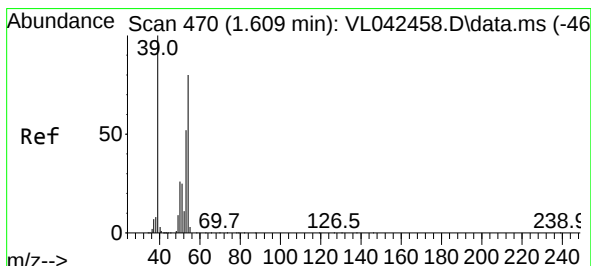
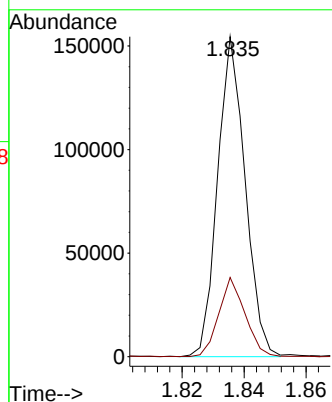
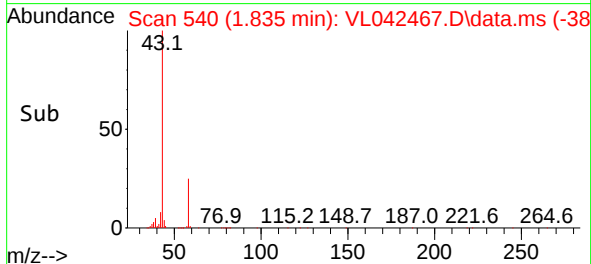
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



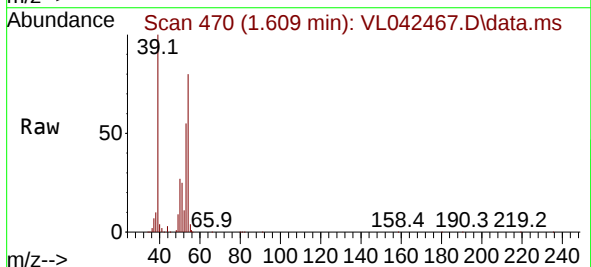
Tgt Ion: 43 Resp: 95460
Ion Ratio Lower Upper
43 100
58 23.9 19.8 29.8

Manual Integrations
APPROVED

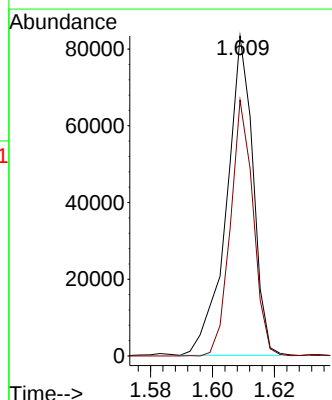
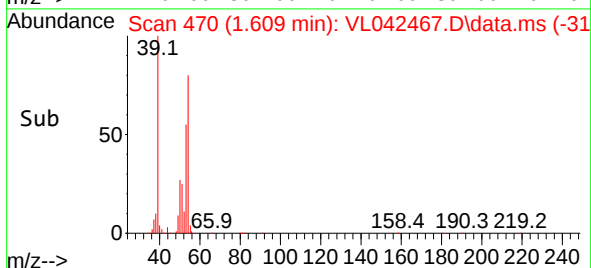
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

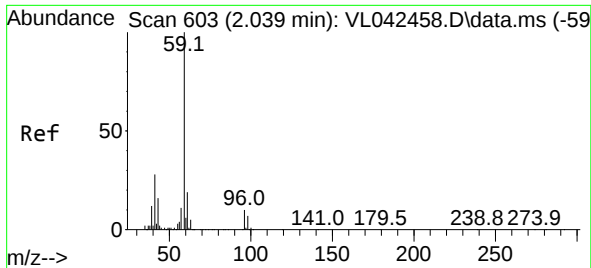


#16
1,3-Butadiene
Concen: 9.689 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion: 39 Resp: 49566
Ion Ratio Lower Upper
39 100
54 68.7 55.2 82.8





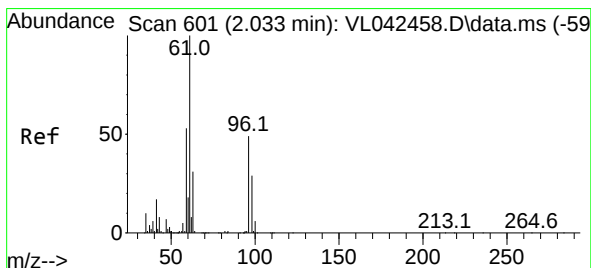
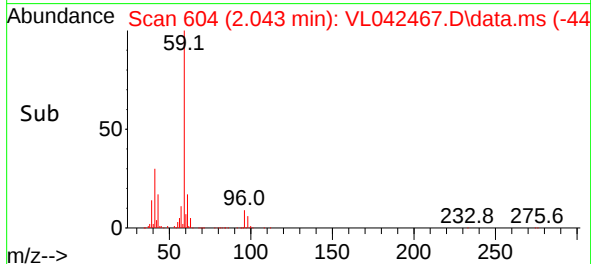
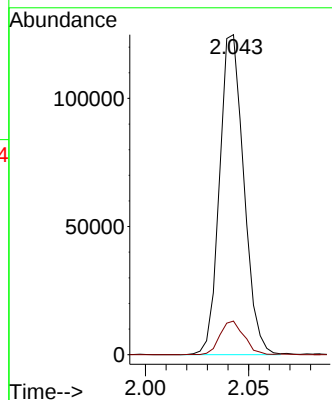
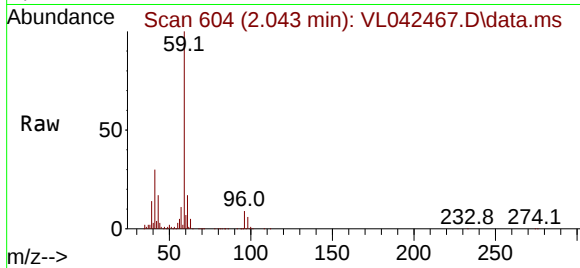
#17
tert-Butyl alcohol
Concen: 9.986 ppbv
RT: 2.043 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125

Tgt Ion: 59 Resp: 10204
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

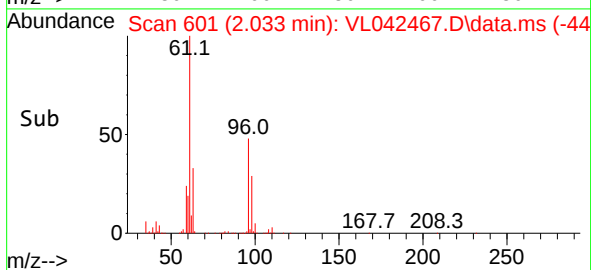
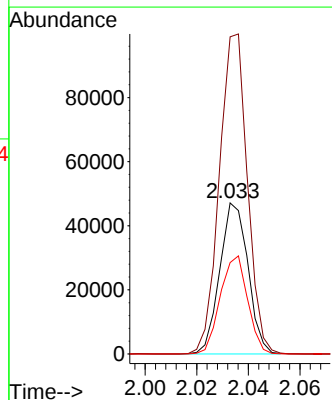
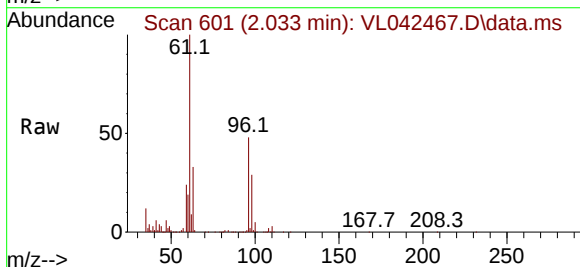
Manual Integrations
APPROVED

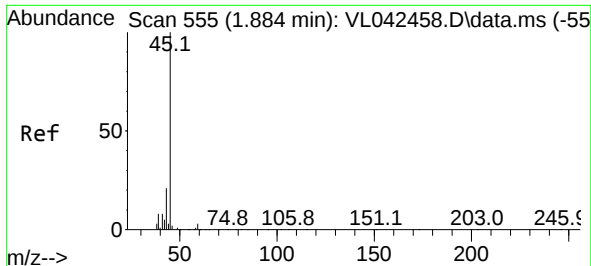
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#18
1,1-Dichloroethene
Concen: 9.892 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion: 96 Resp: 35784
Ion Ratio Lower Upper
96 100
61 209.9 164.9 247.3
98 60.4 48.2 72.2





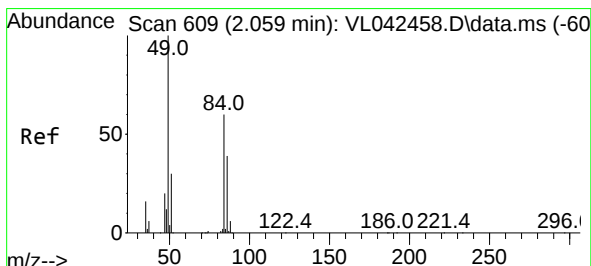
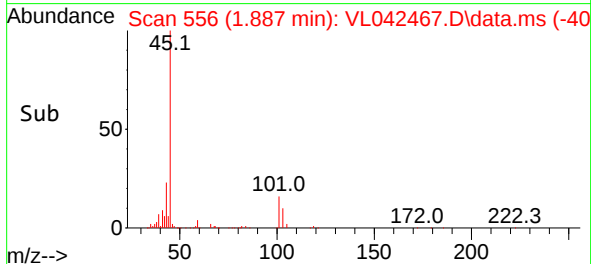
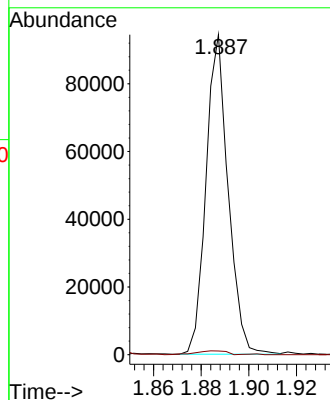
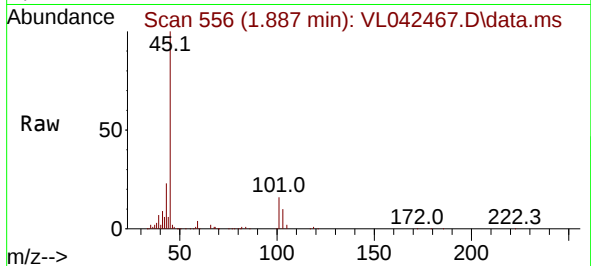
#19
Isopropyl Alcohol
Concen: 9.499 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125

Tgt Ion: 45 Resp: 6097
Ion Ratio Lower Upper
45 100
58 1.8 1.6 2.4

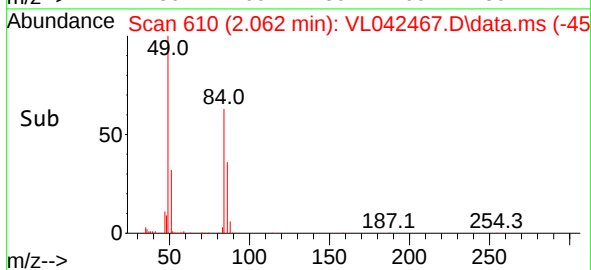
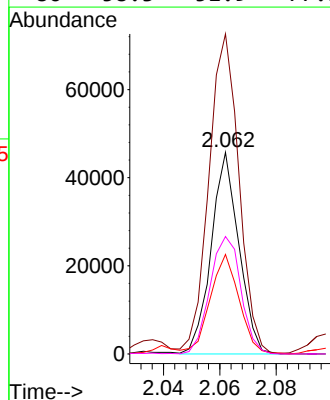
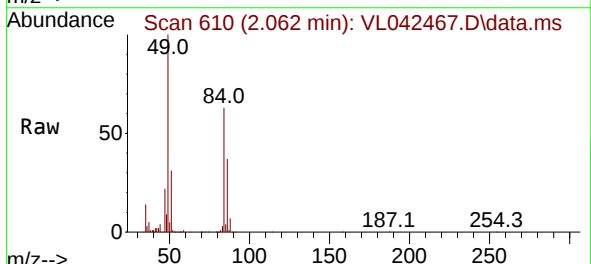
Manual Integrations
APPROVED

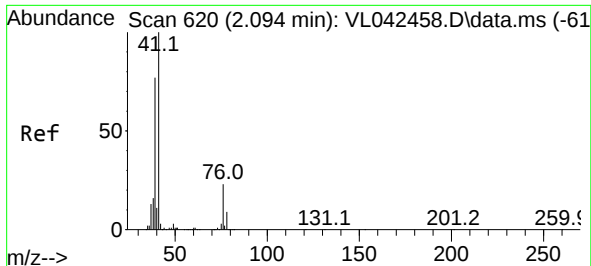
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#20
Methylene Chloride
Concen: 8.951 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion: 84 Resp: 31212
Ion Ratio Lower Upper
84 100
49 158.4 133.9 200.9
51 48.9 41.0 61.6
86 58.3 51.9 77.9





#21

Allyl Chloride

Concen: 9.835 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

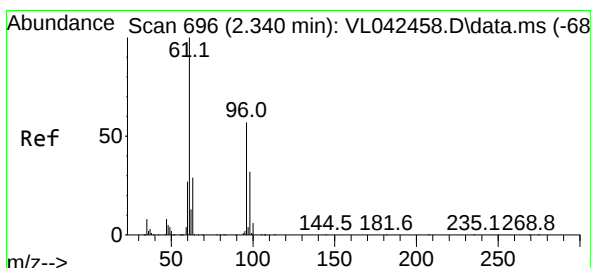
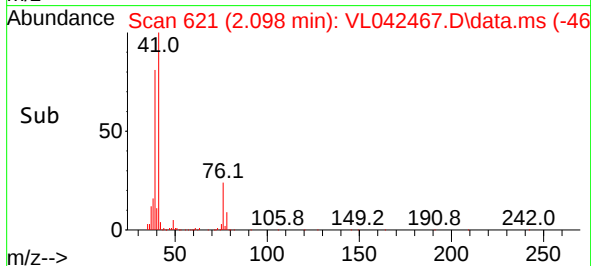
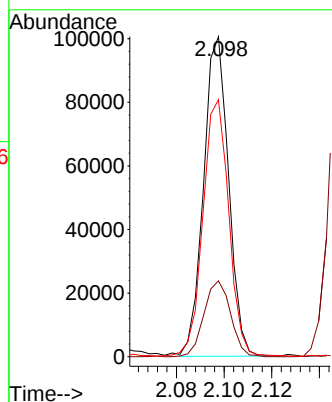
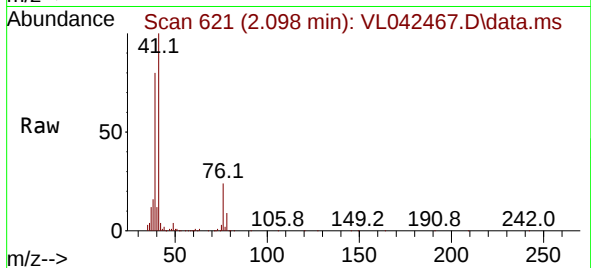
ICVVL050125

Tgt Ion: 41	Resp: 7336
Ion Ratio	Lower Upper
41	100
76	25.2 19.6 29.4
39	82.8 61.0 91.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#22

trans-1,2-Dichloroethene

Concen: 10.160 ppbv

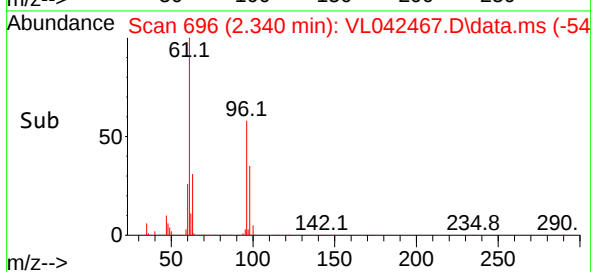
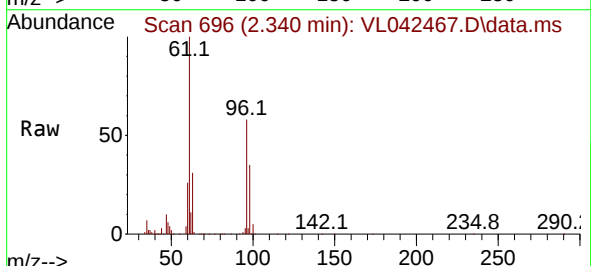
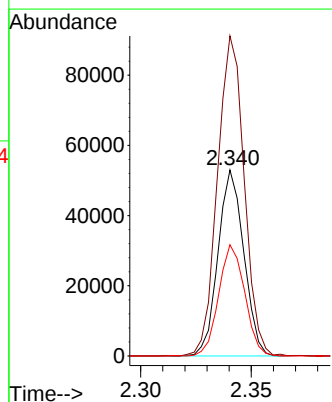
RT: 2.340 min Scan# 696

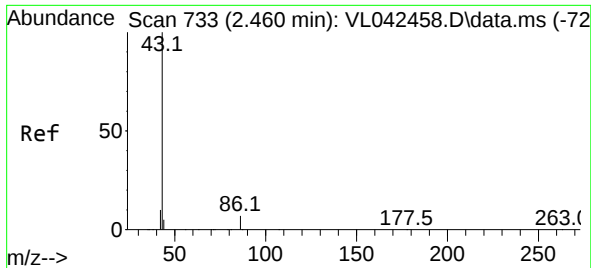
Delta R.T. 0.000 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Tgt Ion: 96	Resp: 42922
Ion Ratio	Lower Upper
96	100
61	172.0 141.8 212.6
98	59.7 45.0 67.6





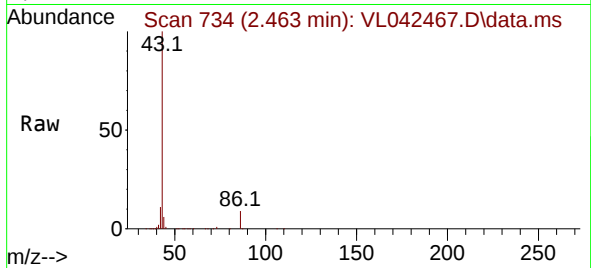
#23
 Vinyl Acetate
 Concen: 10.220 ppbv
 RT: 2.463 min Scan# 713
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL050125

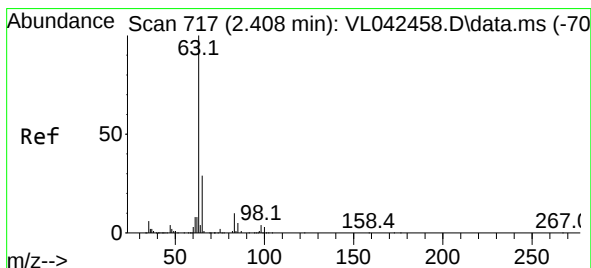
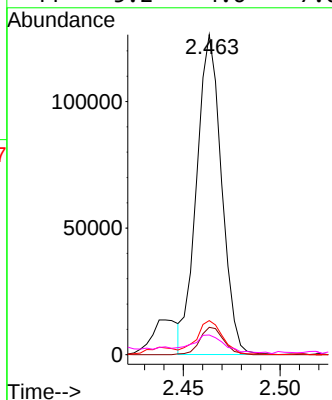
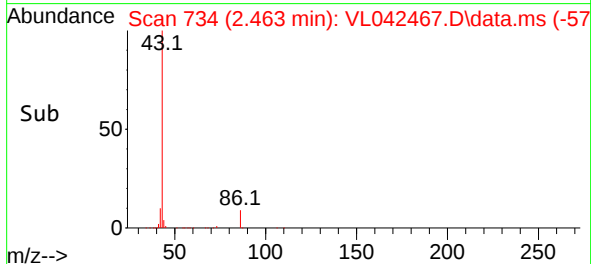


Tgt Ion: 43 Resp: 11313
 Ion Ratio Lower Upper
 43 100
 86 8.6 5.5 8.3
 42 10.5 8.3 12.5
 44 5.2 4.6 7.0

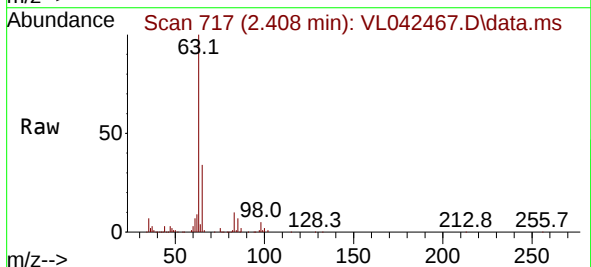
Manual Integrations

APPROVED

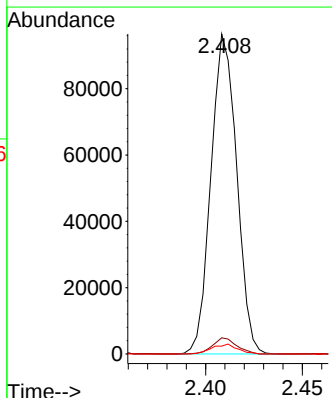
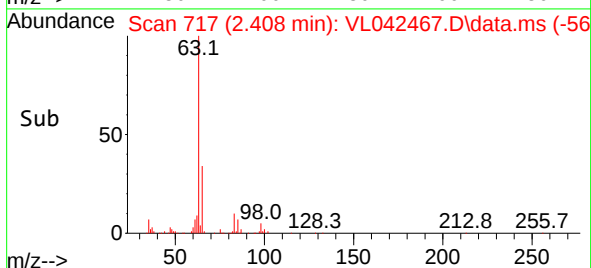
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

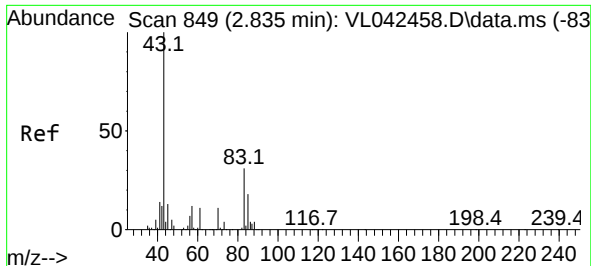


#24
 1,1-Dichloroethane
 Concen: 10.340 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46



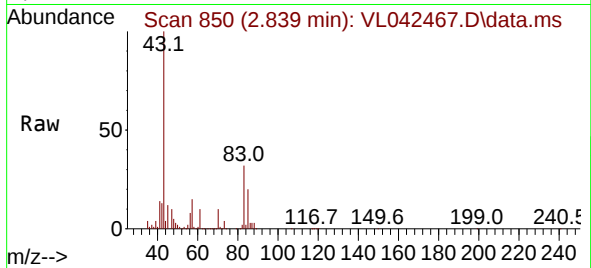
Tgt Ion: 63 Resp: 89117
 Ion Ratio Lower Upper
 63 100
 98 5.1 1.8 5.5
 100 2.5 1.4 4.2





#25
Ethyl Acetate
Concen: 10.025 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

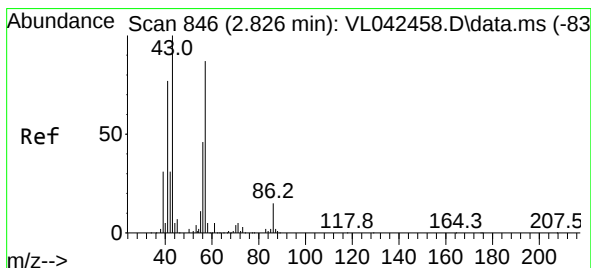
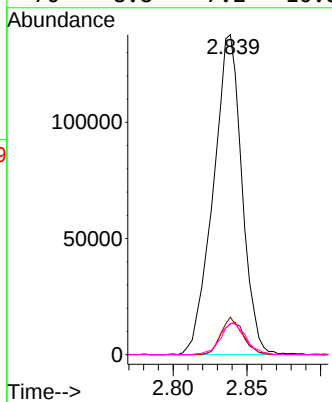
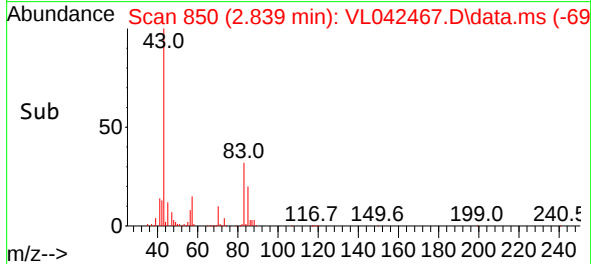
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



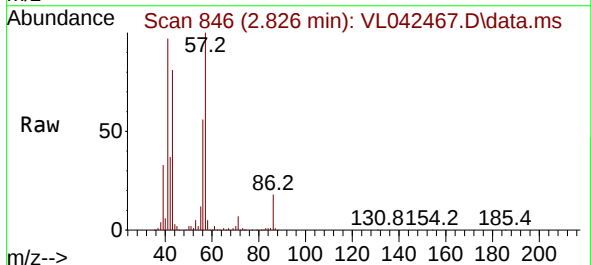
Tgt Ion: 43 Resp: 18618
Ion Ratio Lower Upper
43 100
45 9.1 7.8 11.6
61 8.5 7.2 10.8
70 8.8 7.2 10.8

Manual Integrations
APPROVED

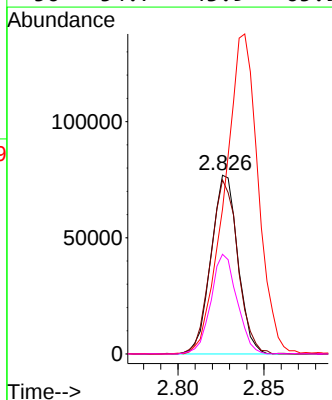
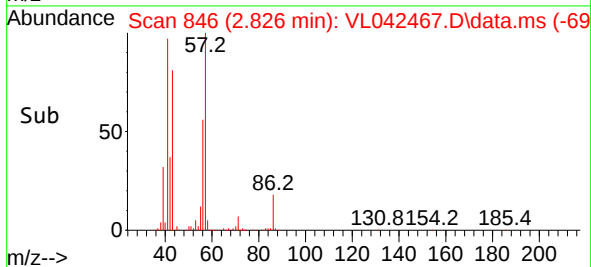
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

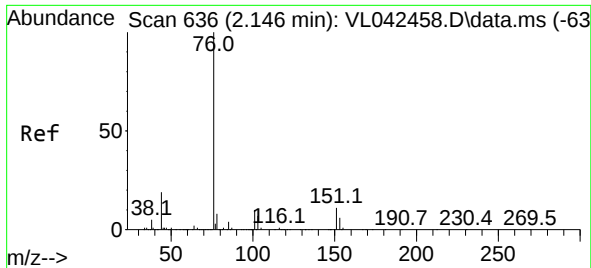


#26
Hexane
Concen: 10.275 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



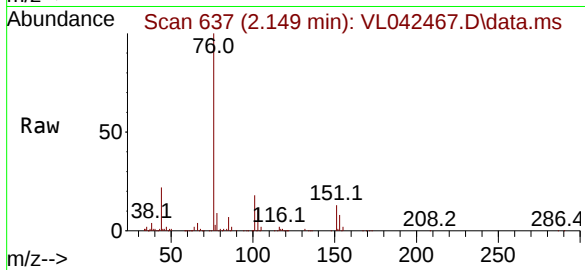
Tgt Ion: 57 Resp: 83132
Ion Ratio Lower Upper
57 100
41 99.4 77.8 116.8
43 225.3 187.0 280.6
56 54.7 43.9 65.9





#27
Carbon Disulfide
Concen: 10.612 ppbv
RT: 2.149 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

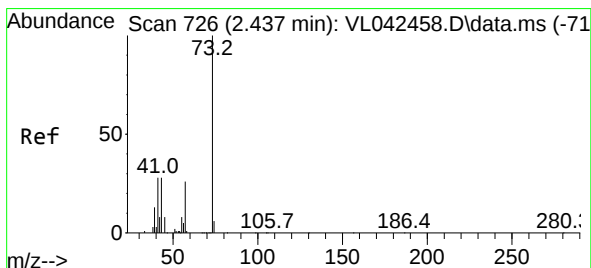
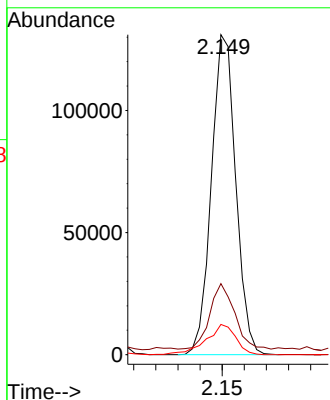
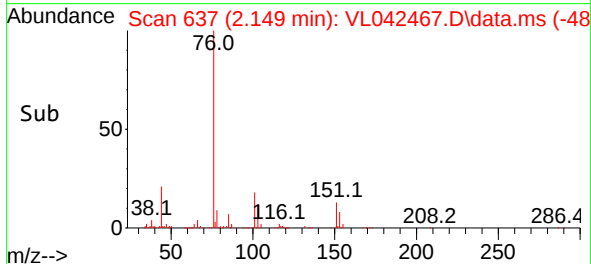
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



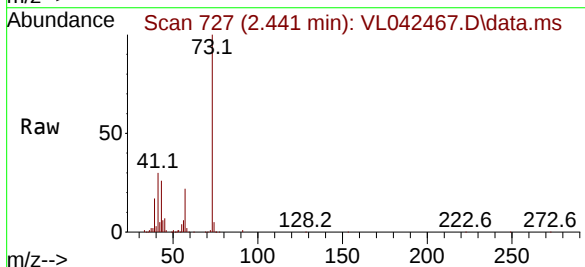
Tgt Ion: 76 Resp: 100190
Ion Ratio Lower Upper
76 100
44 23.7 21.0 31.6
78 11.5 8.6 13.0

Manual Integrations
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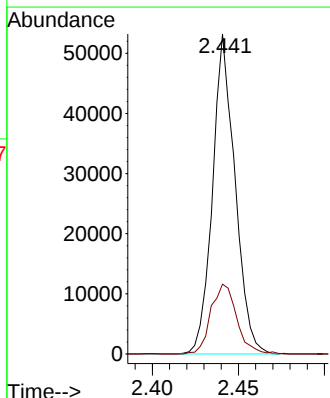
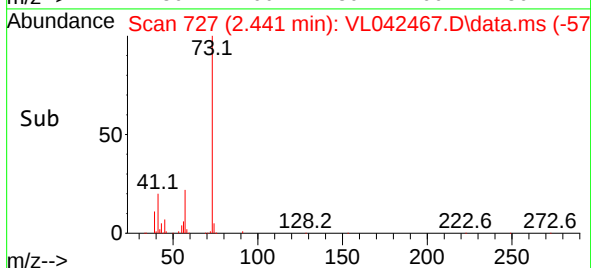
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

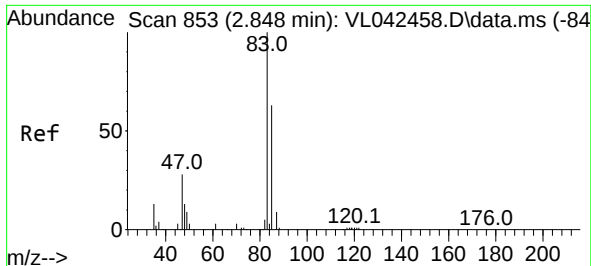


#28
Methyl tert-Butyl Ether
Concen: 9.942 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion: 73 Resp: 48326
Ion Ratio Lower Upper
73 100
57 25.1 19.9 29.9





#29

Chloroform

Concen: 10.050 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL050125

Tgt Ion: 83 Resp: 15238

Ion Ratio Lower Upper

83 100

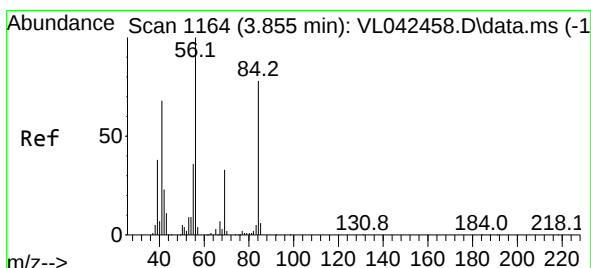
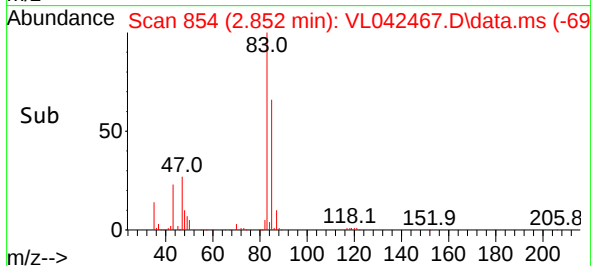
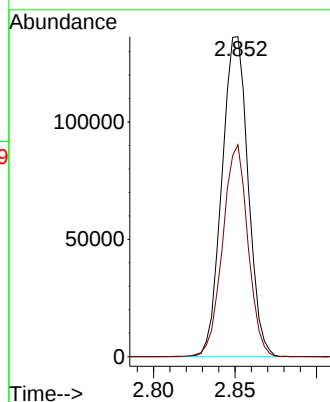
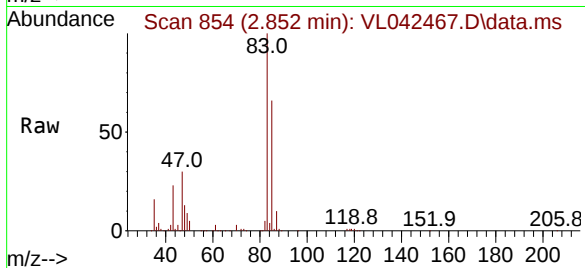
85 66.2 50.4 75.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#30

Cyclohexane

Concen: 10.434 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

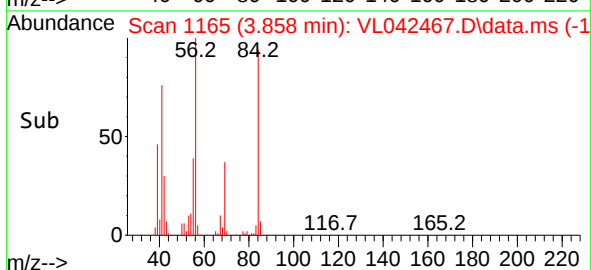
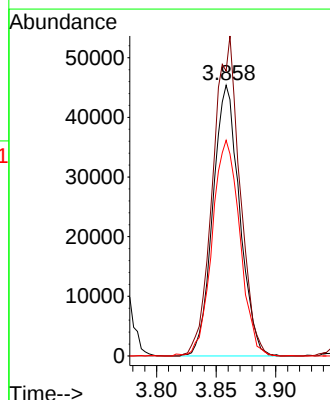
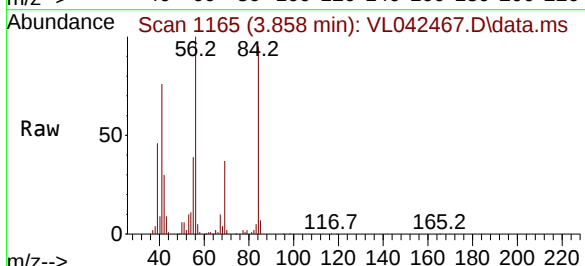
Tgt Ion: 84 Resp: 70581

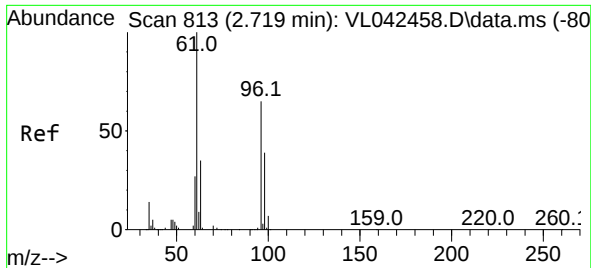
Ion Ratio Lower Upper

84 100

56 119.2 98.1 147.1

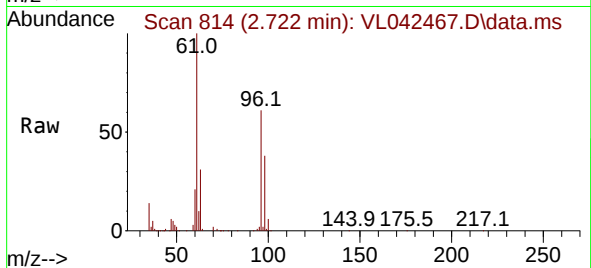
41 82.7 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 10.148 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

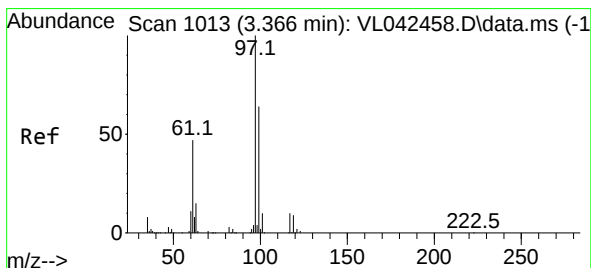
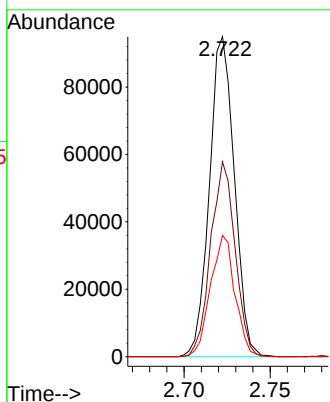
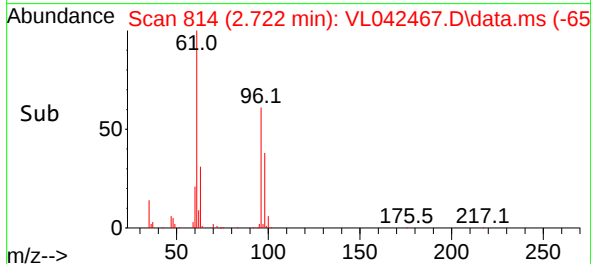
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL050125



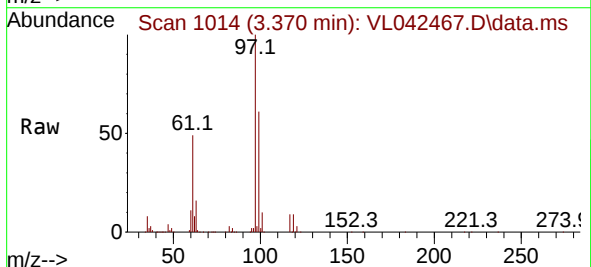
Tgt Ion: 61 Resp: 95793
 Ion Ratio Lower Upper
 61 100
 96 60.9 52.0 78.0
 98 37.9 31.0 46.6

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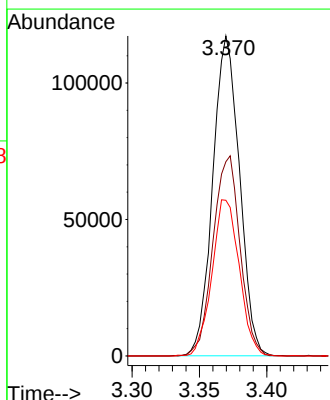
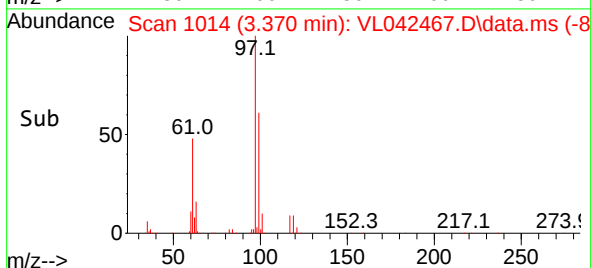
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

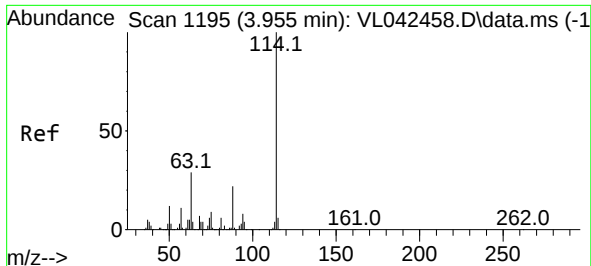


#32
 1,1,1-Trichloroethane
 Concen: 9.816 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46



Tgt Ion: 97 Resp: 161465
 Ion Ratio Lower Upper
 97 100
 99 63.6 50.7 76.1
 61 50.0 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

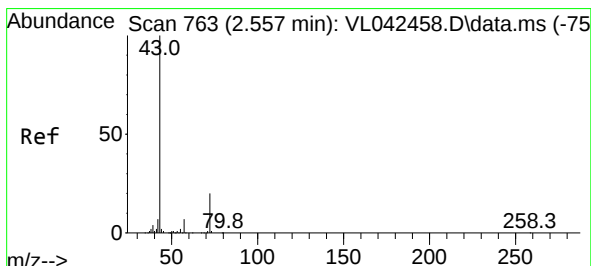
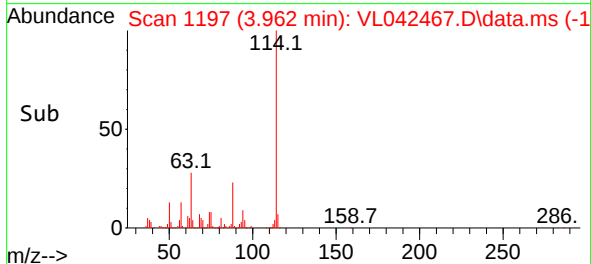
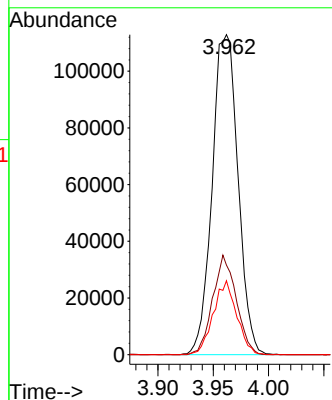
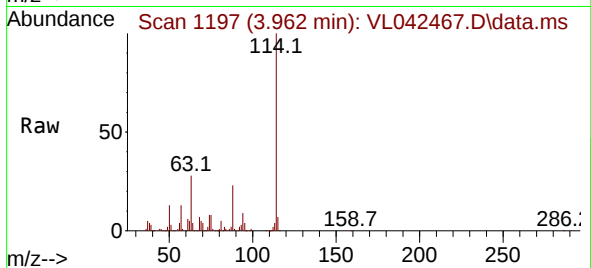
ICVVL050125

Tgt Ion:	114	Resp:	183679
Ion Ratio	Lower	Upper	
114	100		
63	28.4	23.1	34.7
88	20.9	16.1	24.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#34

2-Butanone

Concen: 9.475 ppbv

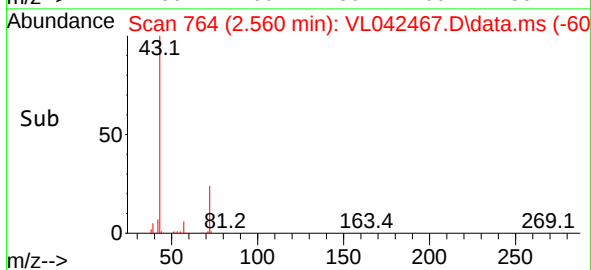
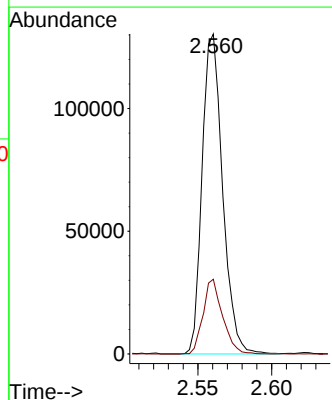
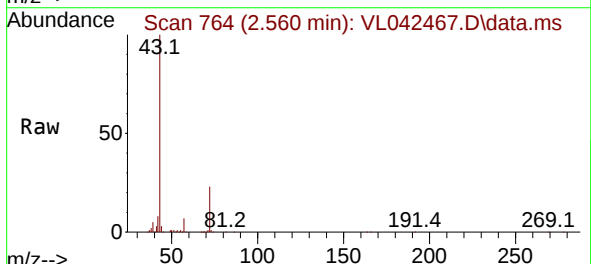
RT: 2.560 min Scan# 764

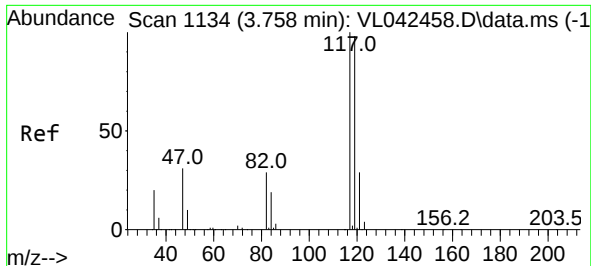
Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

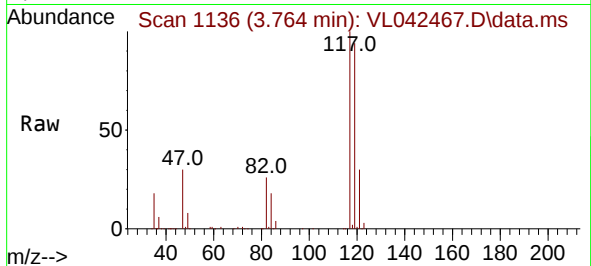
Tgt Ion:	43	Resp:	125883
Ion Ratio	Lower	Upper	
43	100		
72	22.2	16.7	25.1





#35
Carbon Tetrachloride
Concen: 9.998 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

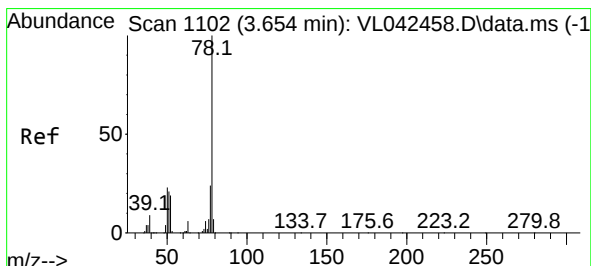
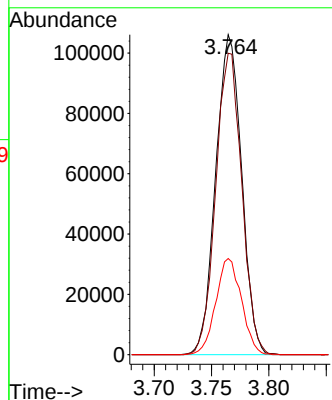
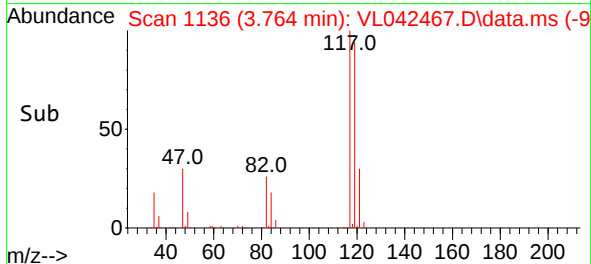
Instrument : MSVOA_L
ClientSampleId : ICVVL050125



Tgt Ion: 117 Resp: 166814
Ion Ratio Lower Upper
117 100
119 94.2 78.1 117.1
121 30.1 23.0 34.6

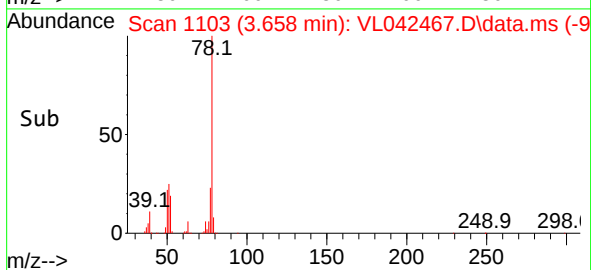
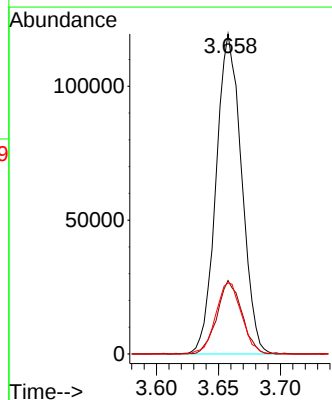
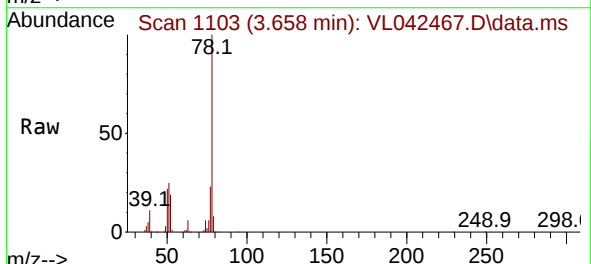
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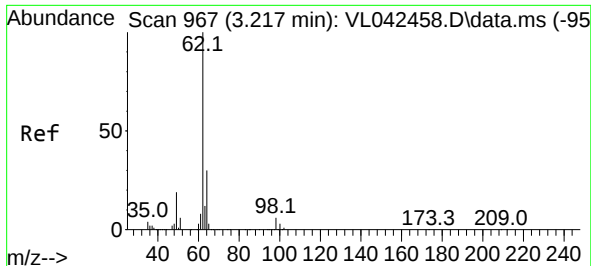
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#36
Benzene
Concen: 9.888 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

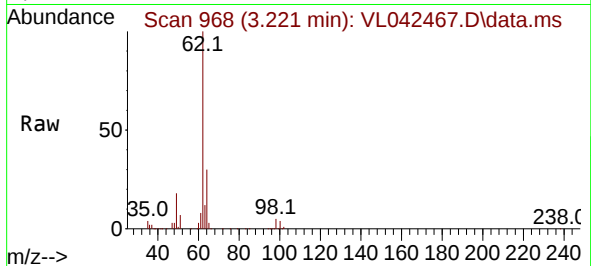
Tgt Ion: 78 Resp: 171384
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3
50 22.2 18.4 27.6





#37
1,2-Dichloroethane
Concen: 9.736 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

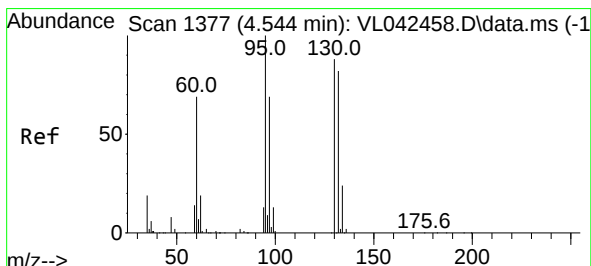
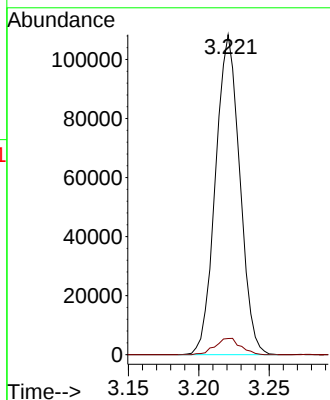
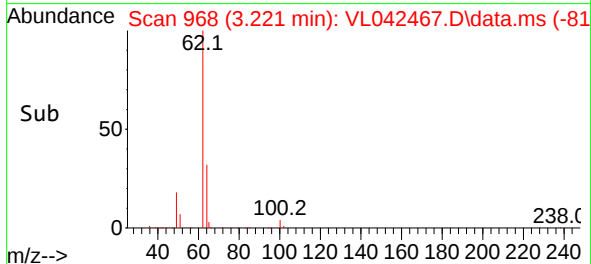
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



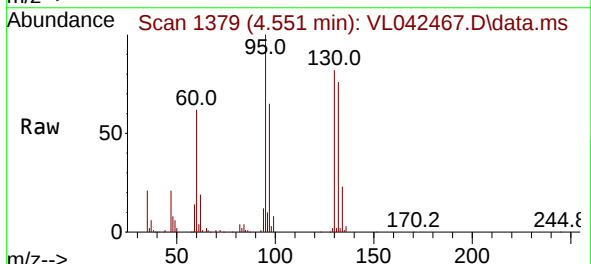
Tgt Ion: 62 Resp: 13006
Ion Ratio Lower Upper
62 100
98 5.3 4.3 6.5

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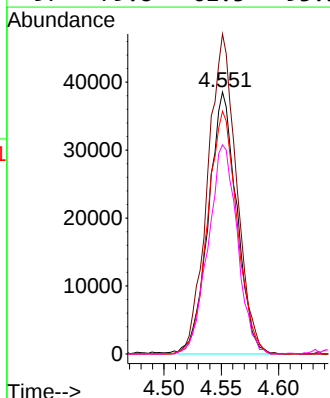
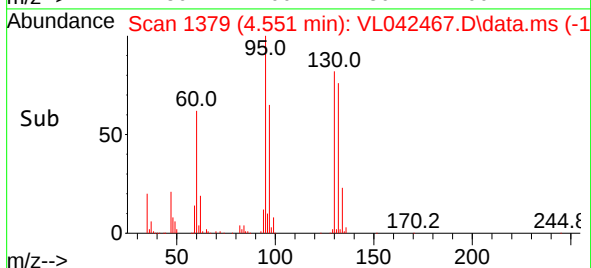
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

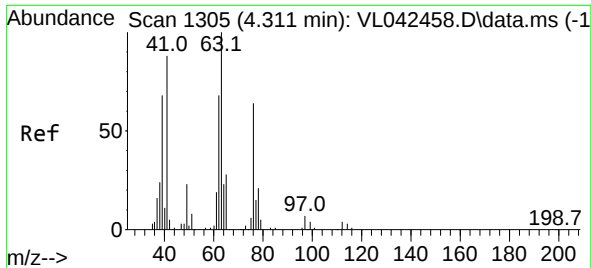


#38
Trichloroethene
Concen: 9.976 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion:130 Resp: 65940
Ion Ratio Lower Upper
130 100
95 122.0 91.0 136.4
132 92.7 74.2 111.4
97 79.8 62.3 93.5





#39

1,2-Dichloropropane

Concen: 9.248 ppbv

RT: 4.315 min Scan# 1305

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL050125

Tgt Ion: 63 Resp: 60010

Ion Ratio Lower Upper

63 100

41 94.2 69.8 104.6

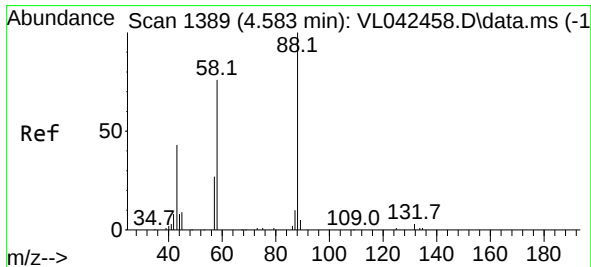
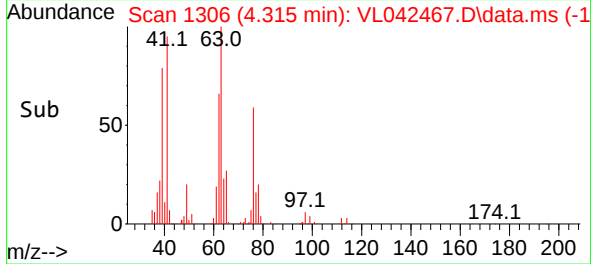
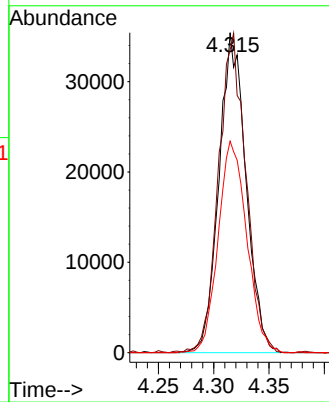
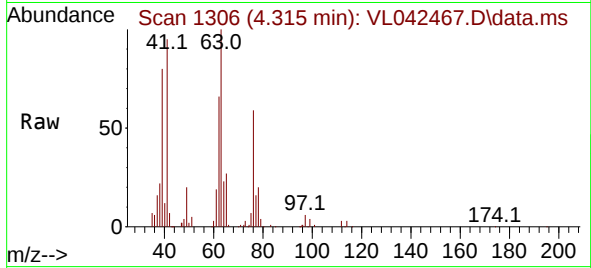
62 65.9 54.3 81.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#40

1,4-Dioxane

Concen: 9.316 ppbv m

RT: 4.583 min Scan# 1389

Delta R.T. 0.000 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Tgt Ion: 88 Resp: 28306

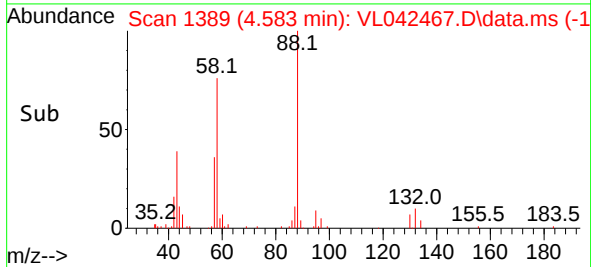
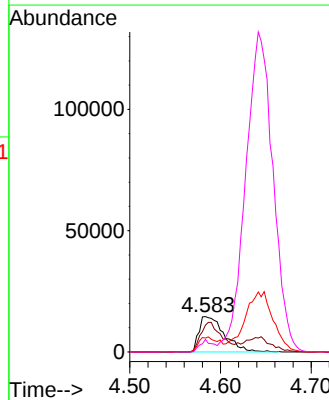
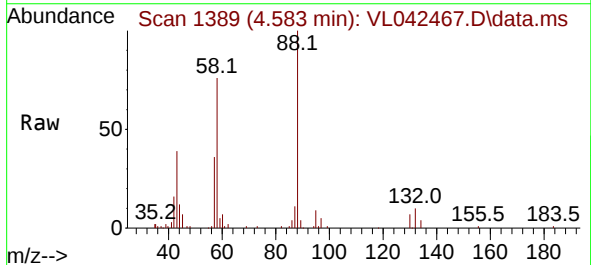
Ion Ratio Lower Upper

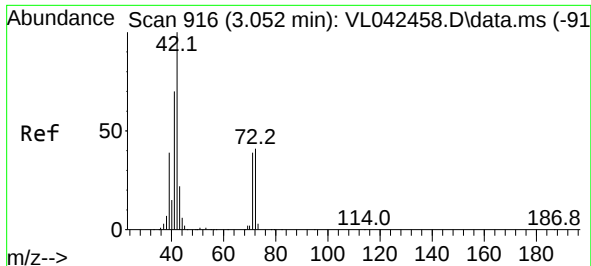
88 100

58 69.6 0.0 0.0#

43 35.6 0.0 0.0#

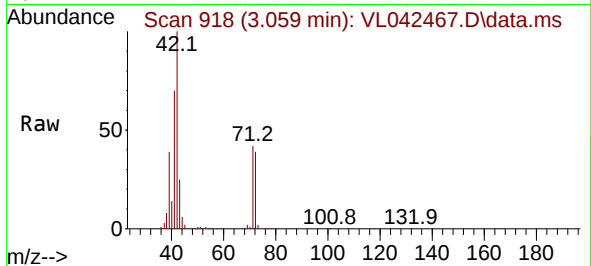
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.440 ppbv
RT: 3.059 min Scan# 916
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

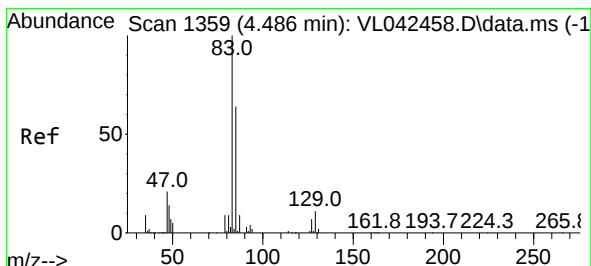
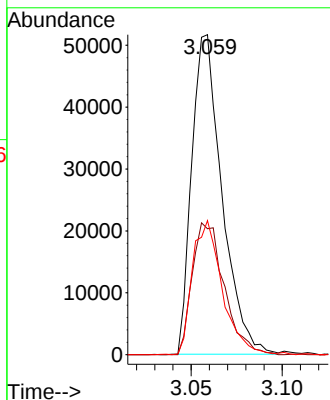
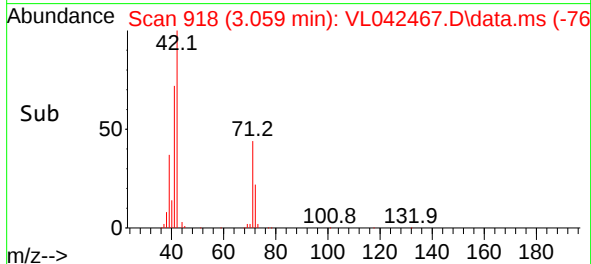
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



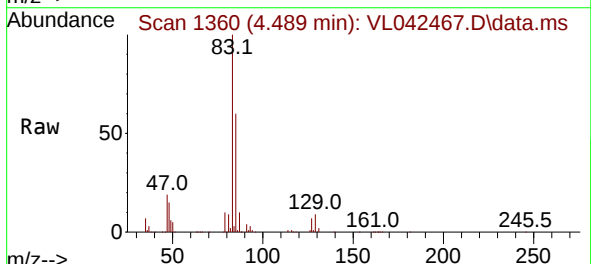
Tgt Ion: 42 Resp: 59604
Ion Ratio Lower Upper
42 100
72 43.7 33.5 50.3
71 41.7 32.6 49.0

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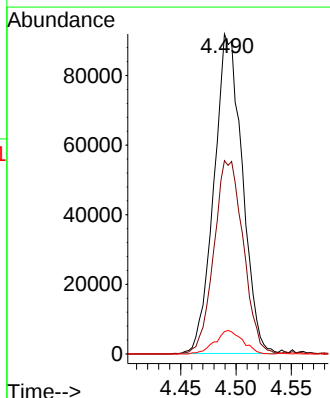
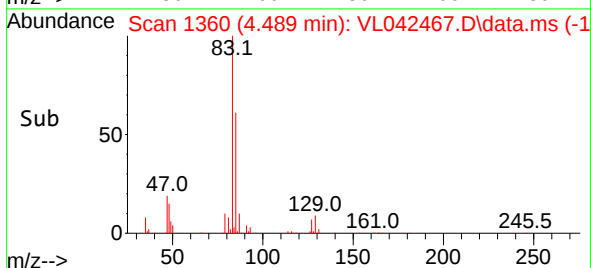
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

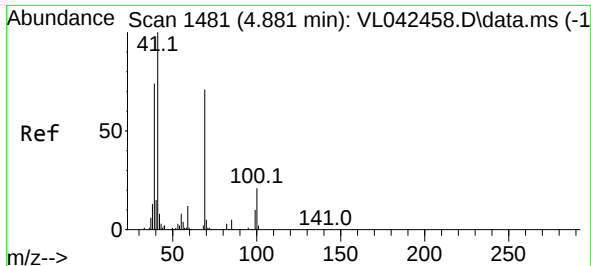


#42
Bromodichloromethane
Concen: 9.999 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion: 83 Resp: 163210
Ion Ratio Lower Upper
83 100
85 60.5 51.5 77.3
127 7.0 5.4 8.2





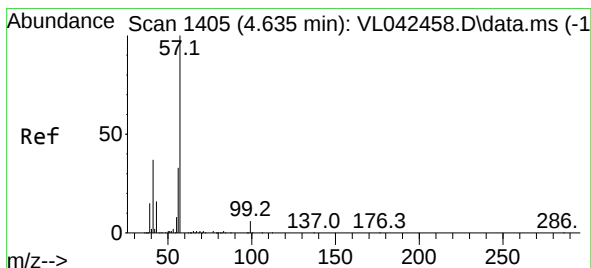
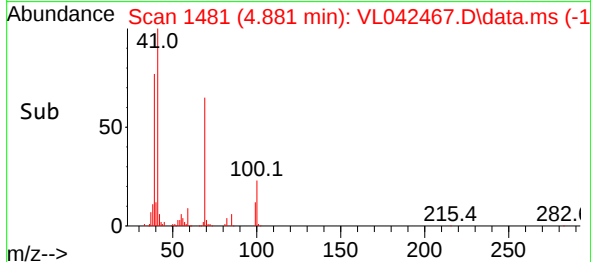
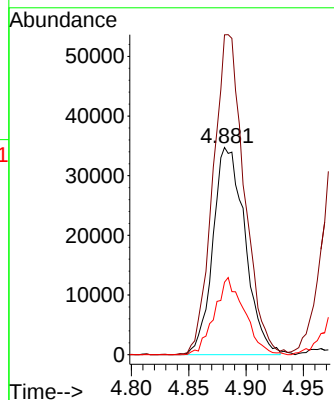
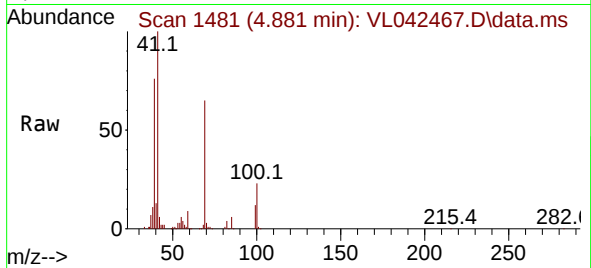
#43
Methyl Methacrylate
Concen: 10.438 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125

Tgt Ion: 69 Resp: 67510
Ion Ratio Lower Upper
69 100
41 151.2 120.8 181.2
100 35.0 26.7 40.1

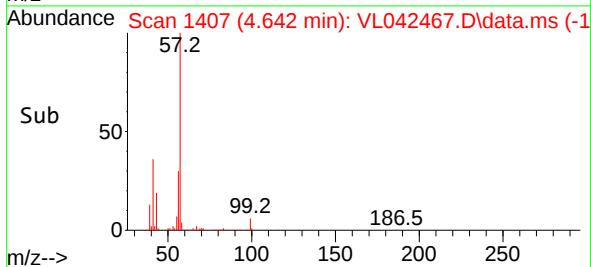
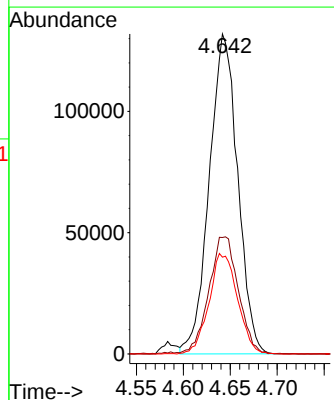
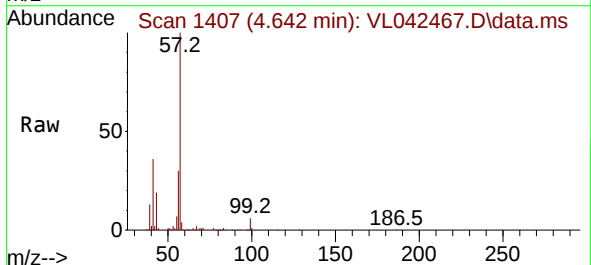
Manual Integrations
APPROVED

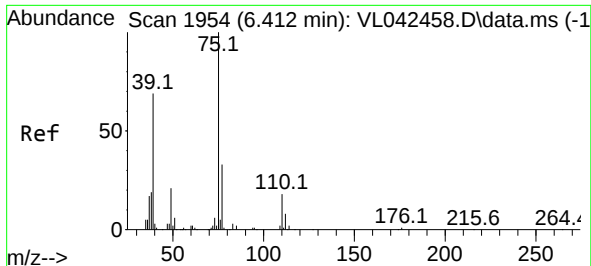
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#44
2,2,4-Trimethylpentane
Concen: 9.867 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion: 57 Resp: 277217
Ion Ratio Lower Upper
57 100
41 38.4 30.6 45.8
56 31.5 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.563 ppbv m

RT: 6.415 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL050125

Tgt Ion: 75 Resp: 89638

Ion Ratio Lower Upper

75 100

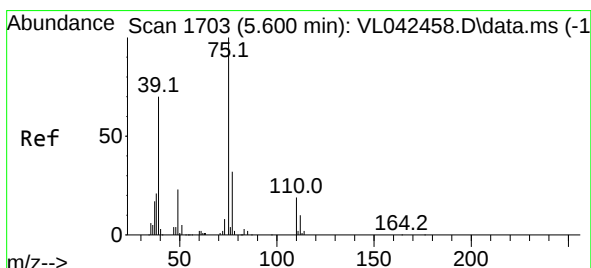
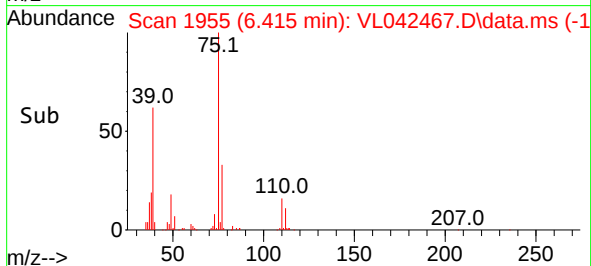
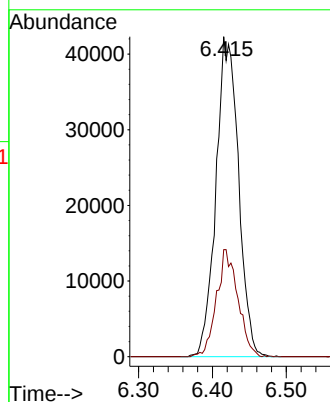
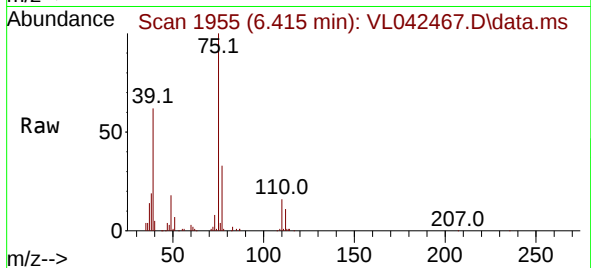
77 33.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#46

cis-1,3-Dichloropropene

Concen: 10.378 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.010 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

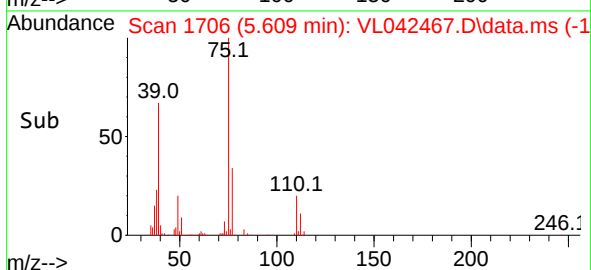
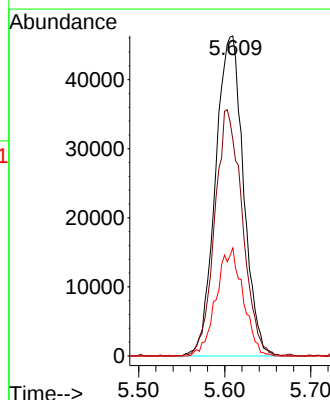
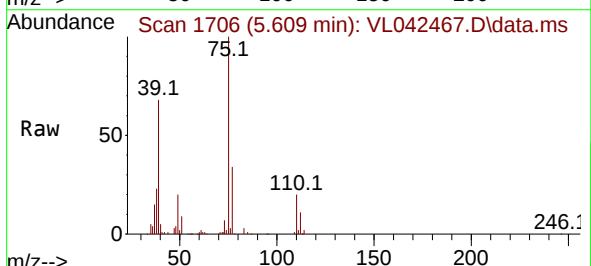
Tgt Ion: 75 Resp: 104665

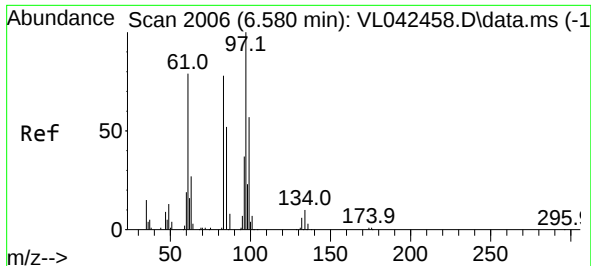
Ion Ratio Lower Upper

75 100

39 67.5 55.7 83.5

77 33.8 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 9.530 ppbv
RT: 6.584 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

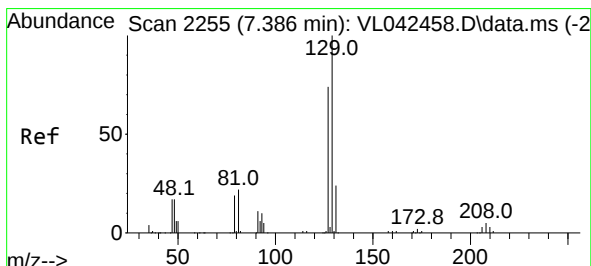
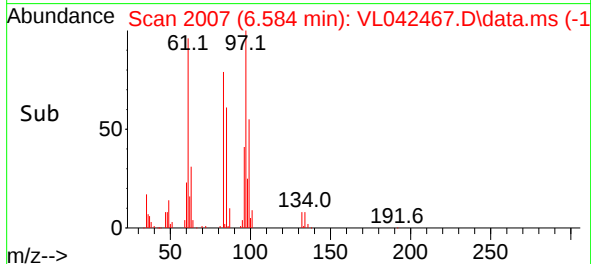
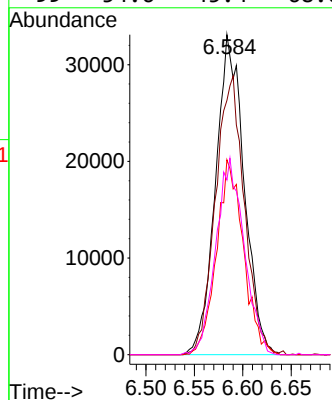
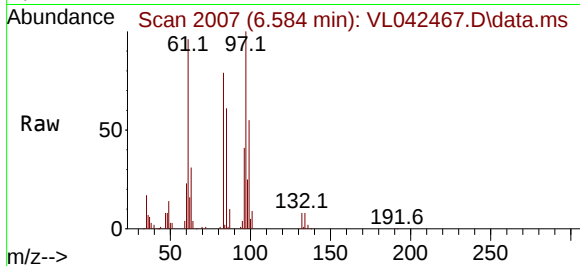
ICVVL050125

Tgt Ion: 97 Resp: 6782
Ion Ratio Lower Upper
97 100
83 79.5 62.2 93.2
85 60.9 41.5 62.3
99 54.6 45.4 68.0

Manual Integrations

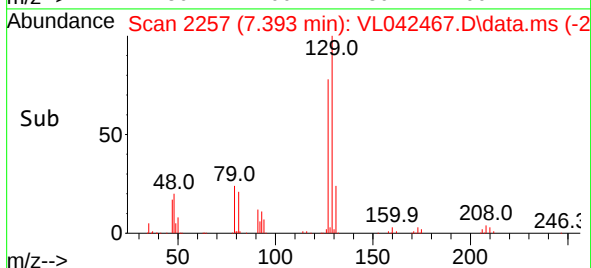
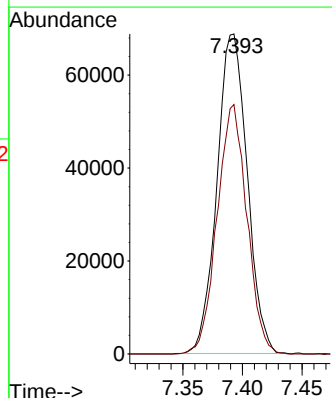
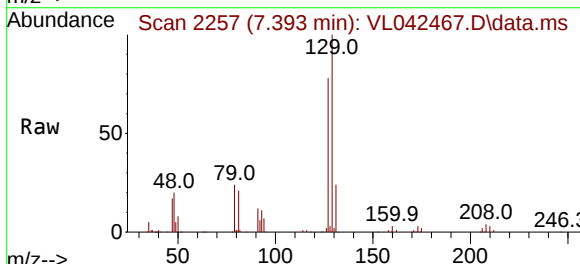
APPROVED

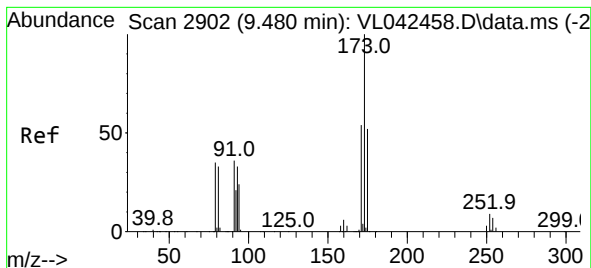
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#48
Dibromochloromethane
Concen: 10.103 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion:129 Resp: 121381
Ion Ratio Lower Upper
129 100
127 76.8 39.5 118.5





#49

Bromoform

Concen: 10.138 ppbv

RT: 9.487 min Scan# 2902

Delta R.T. 0.007 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

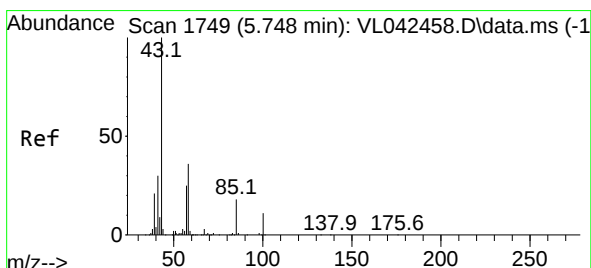
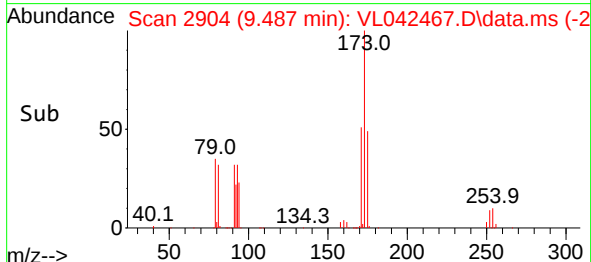
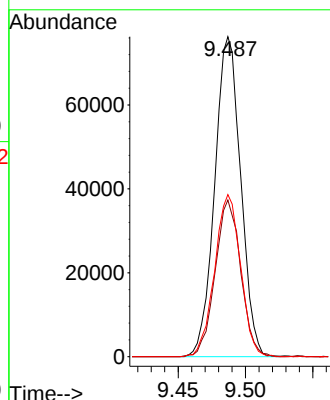
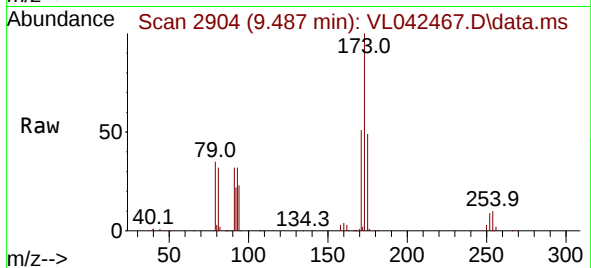
ICVVL050125

Tgt Ion:173 Resp: 102150
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.9 58.3
 171 50.6 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#50

4-Methyl-2-Pentanone

Concen: 9.478 ppbv

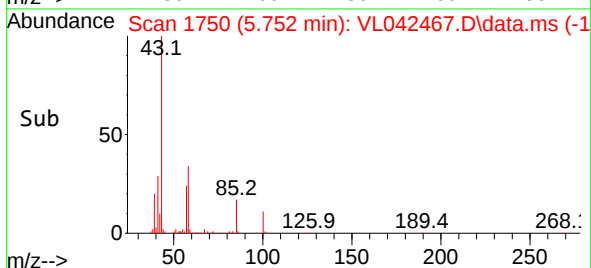
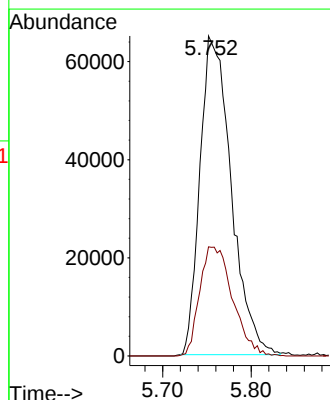
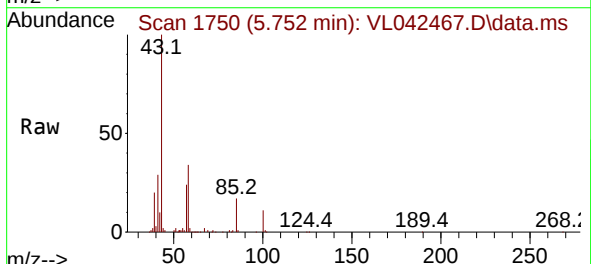
RT: 5.752 min Scan# 1750

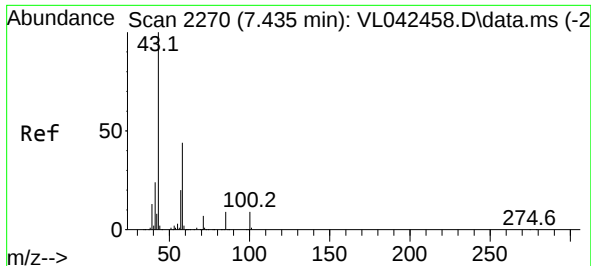
Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

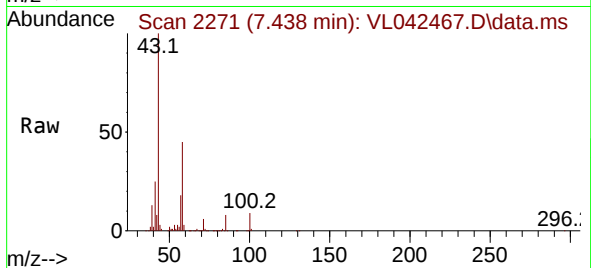
Tgt Ion: 43 Resp: 159280
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.5 44.3





#51
2-Hexanone
Concen: 9.407 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

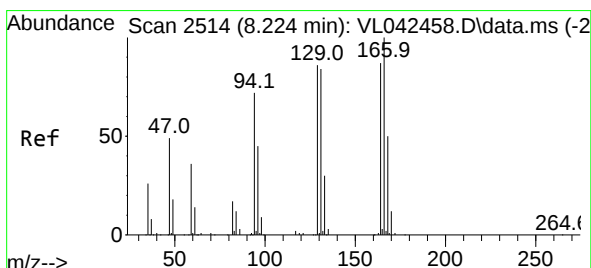
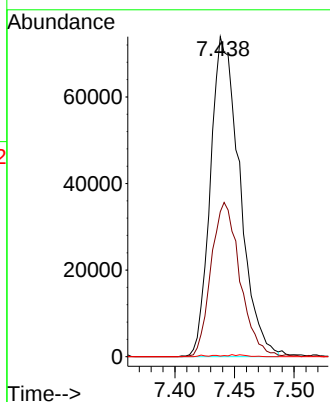
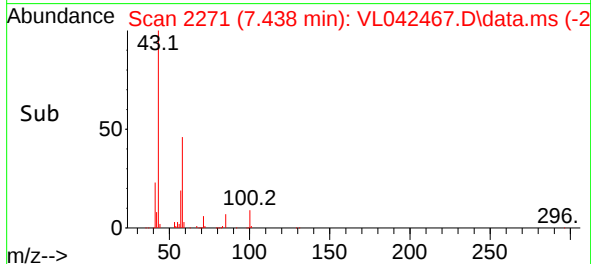
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



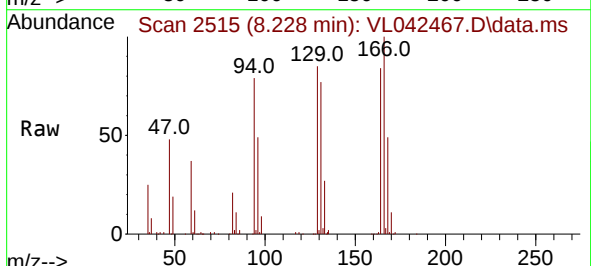
Tgt Ion: 43 Resp: 126390
Ion Ratio Lower Upper
43 100
58 47.8 37.2 55.8
98 0.6 0.4 0.6

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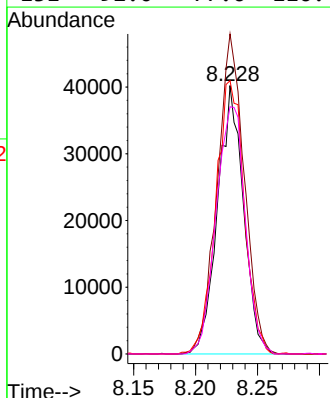
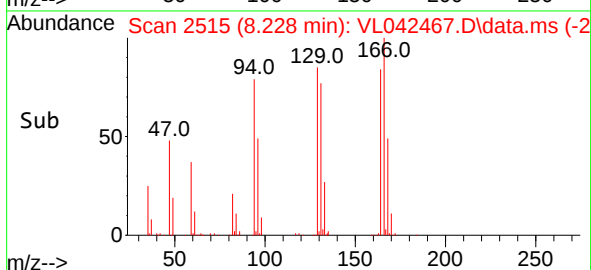
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

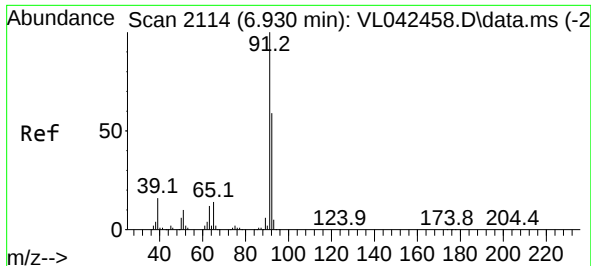


#52
Tetrachloroethene
Concen: 8.832 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion:164 Resp: 58272
Ion Ratio Lower Upper
164 100
166 119.2 91.6 137.4
129 101.8 79.0 118.4
131 92.0 77.6 116.4





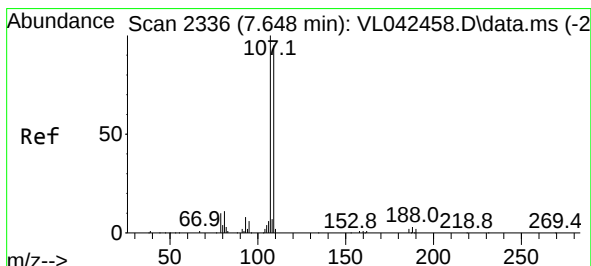
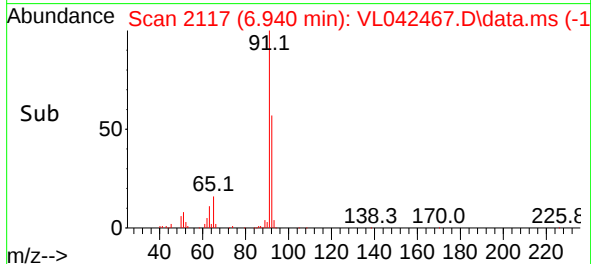
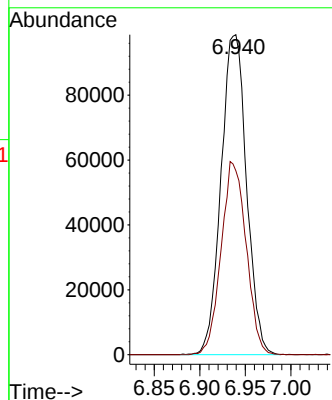
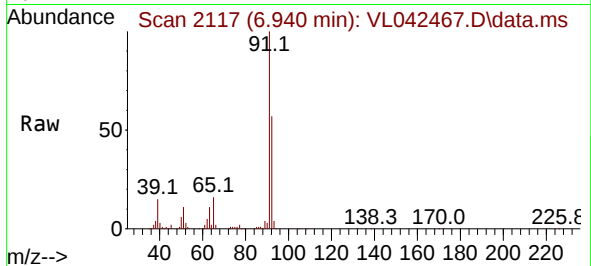
#53
Toluene
Concen: 10.461 ppbv
RT: 6.940 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125

Tgt Ion: 91 Resp: 19192
Ion Ratio Lower Upper
91 100
92 59.2 47.9 71.9

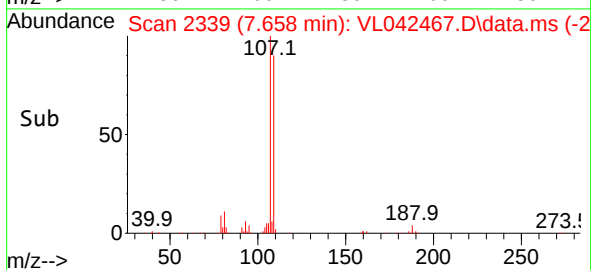
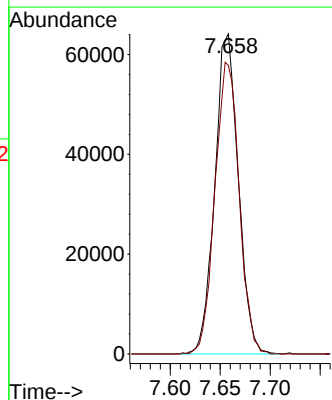
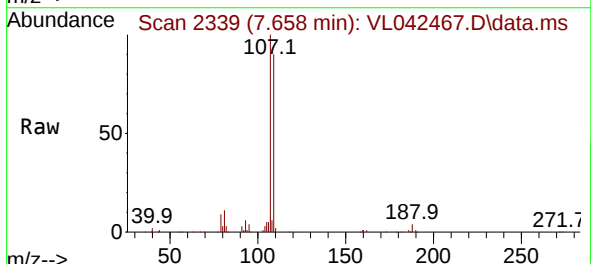
Manual Integrations
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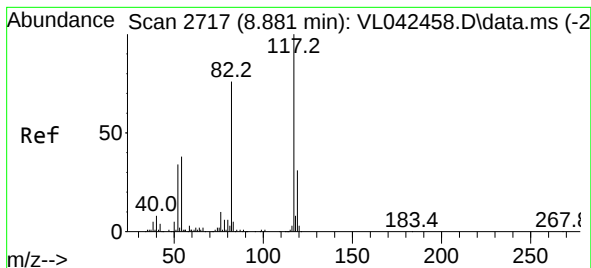
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#54
1,2-Dibromoethane
Concen: 9.664 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion:107 Resp: 105149
Ion Ratio Lower Upper
107 100
109 90.2 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2717

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

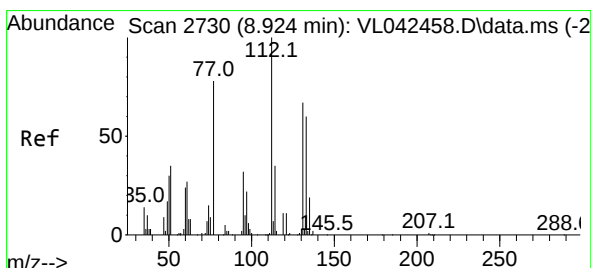
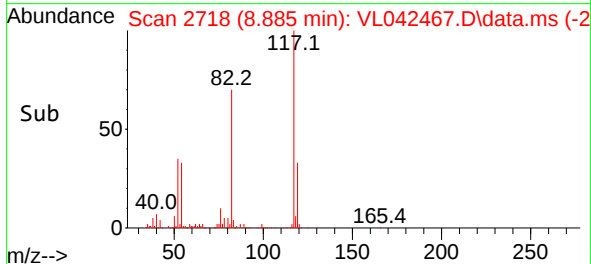
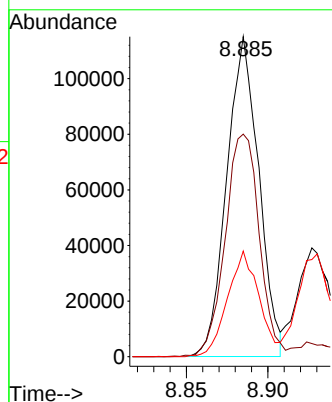
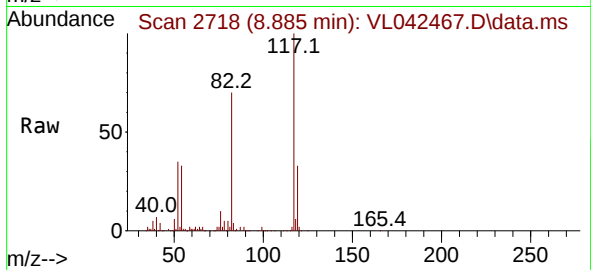
ICVVL050125

Tgt Ion:	117	Resp:	15698
Ion Ratio	Lower	Upper	
117	100		
82	75.3	63.5	95.3
119	33.8	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 9.959 ppbv

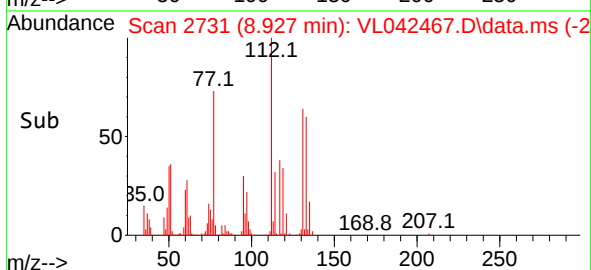
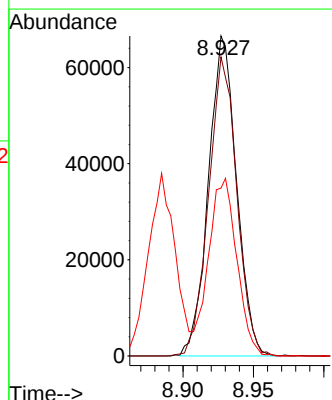
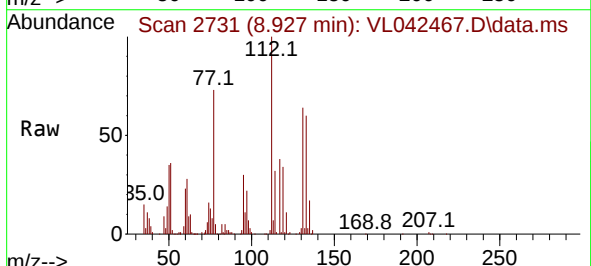
RT: 8.927 min Scan# 2731

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

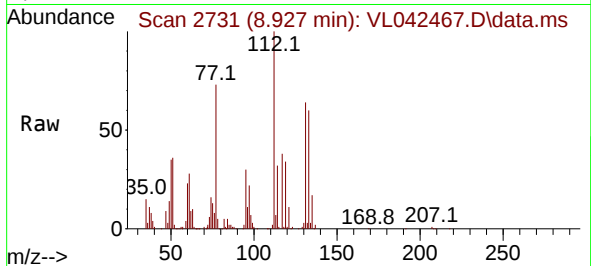
Tgt Ion:	131	Resp:	92337
Ion Ratio	Lower	Upper	
131	100		
133	93.8	76.0	114.0
119	53.8	46.1	69.1





#57
Chlorobenzene
Concen: 9.431 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

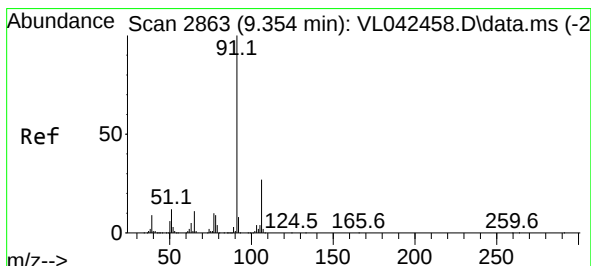
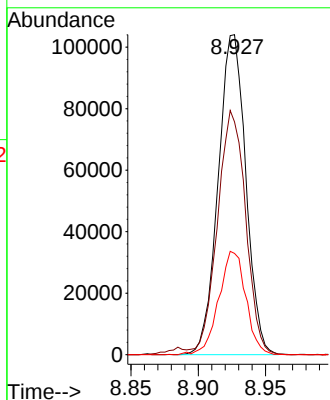
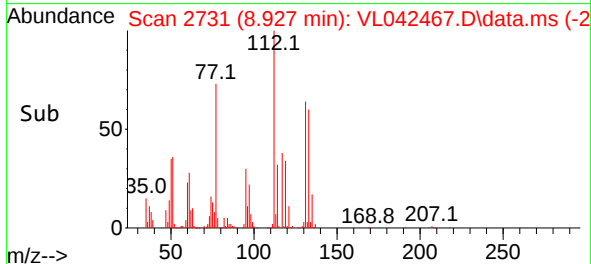
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



Tgt Ion:112 Resp: 14875
Ion Ratio Lower Upper
112 100
77 72.5 65.0 97.4
114 31.7 27.5 33.7

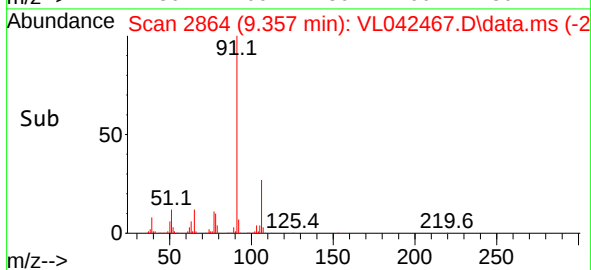
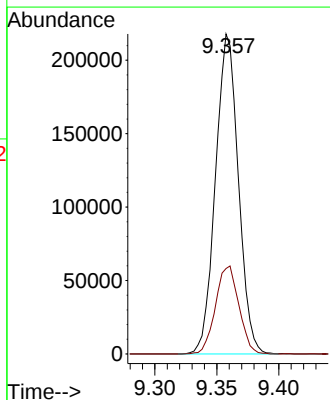
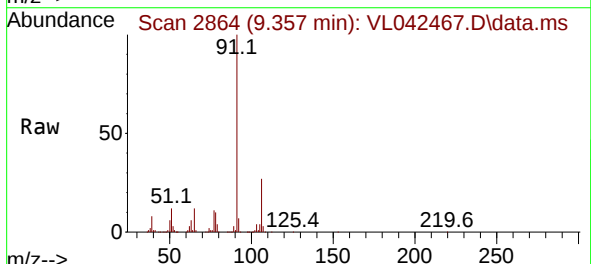
Manual Integrations
APPROVED

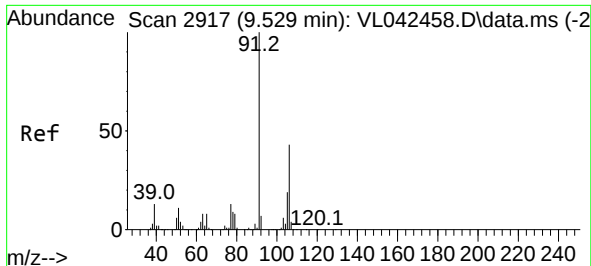
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#58
Ethyl Benzene
Concen: 10.698 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

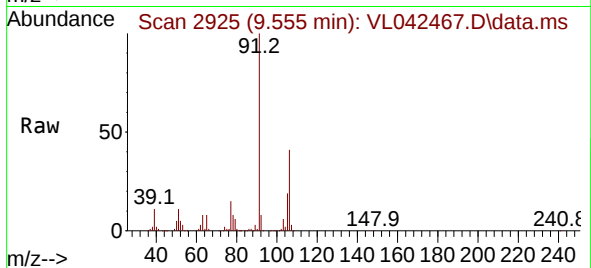
Tgt Ion: 91 Resp: 280660
Ion Ratio Lower Upper
91 100
106 26.7 21.9 32.9





#59
m/p-Xylene
Concen: 21.324 ppbv m
RT: 9.555 min Scan# 2917
Delta R.T. 0.026 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

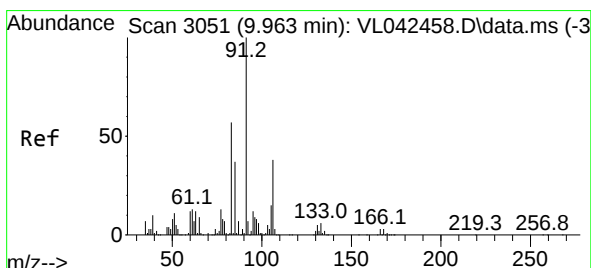
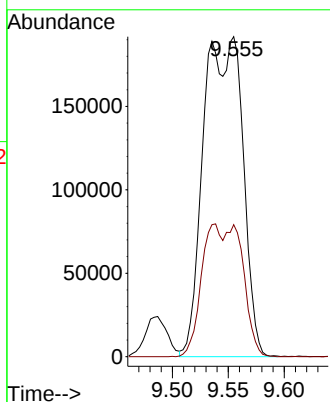
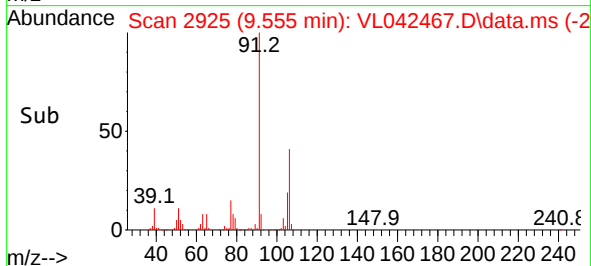
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



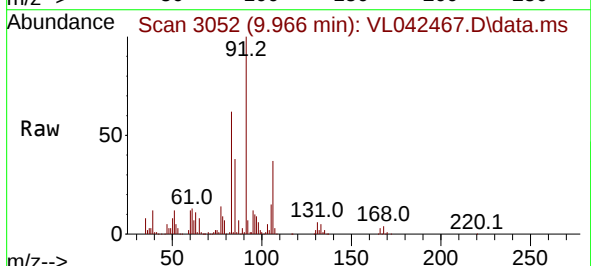
Tgt Ion: 91 Resp: 468984
Ion Ratio Lower Upper
91 100
106 42.4 34.2 51.2

Manual Integrations
APPROVED

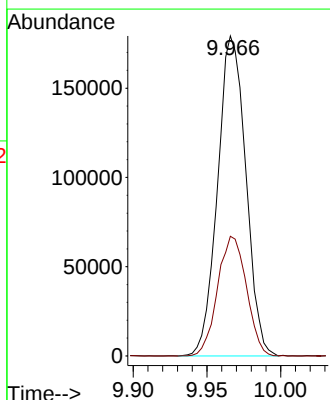
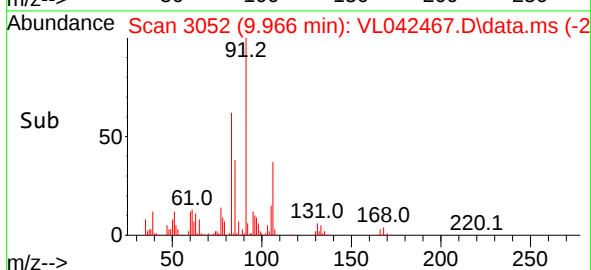
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

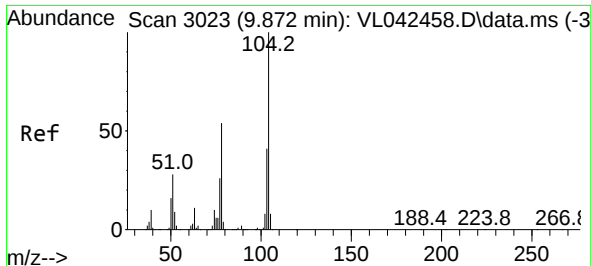


#60
o-Xylene
Concen: 10.824 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion: 91 Resp: 238347
Ion Ratio Lower Upper
91 100
106 38.2 20.1 60.2





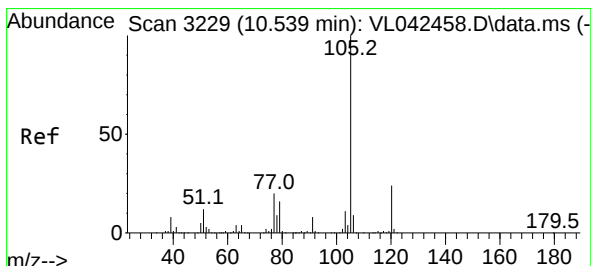
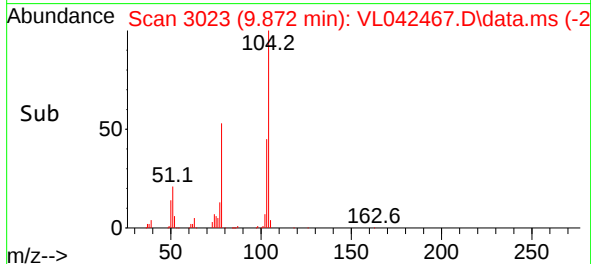
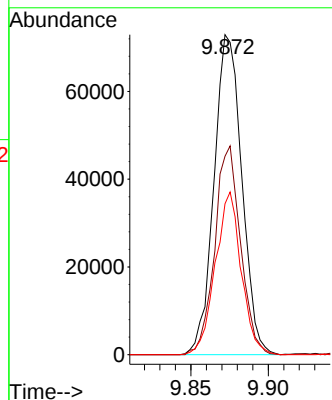
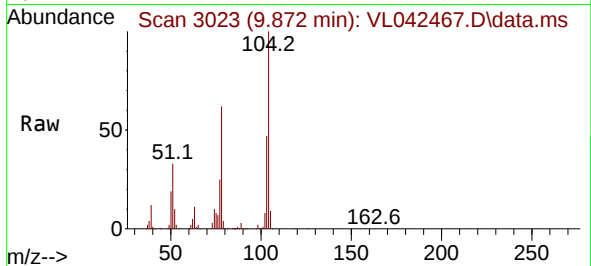
#61
Styrene
Concen: 11.090 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125

Tgt Ion:104 Resp: 91128
Ion Ratio Lower Upper
104 100
78 60.5 46.9 70.3
103 47.4 36.6 55.0

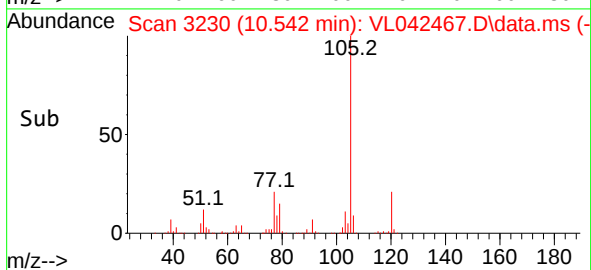
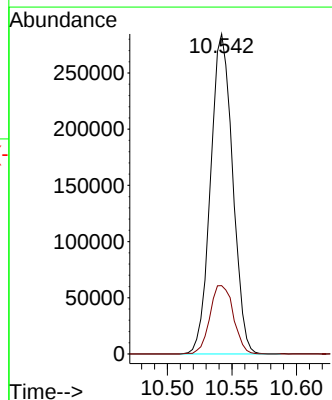
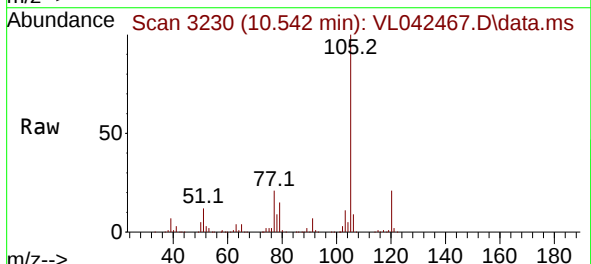
Manual Integrations
APPROVED

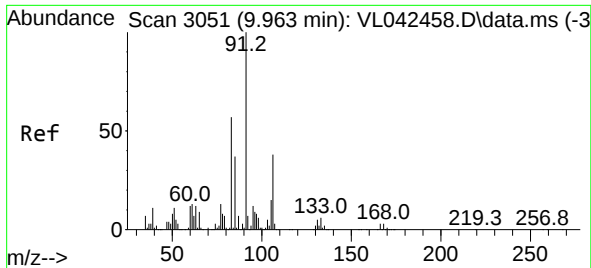
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#62
Isopropylbenzene
Concen: 10.641 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion:105 Resp: 337992
Ion Ratio Lower Upper
105 100
120 22.8 18.8 28.2





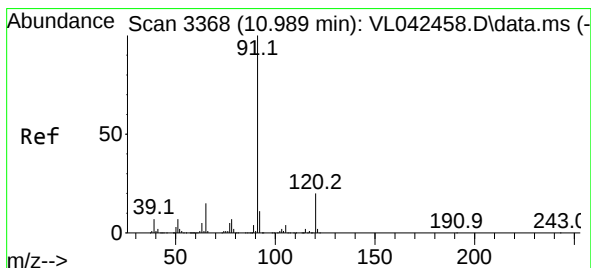
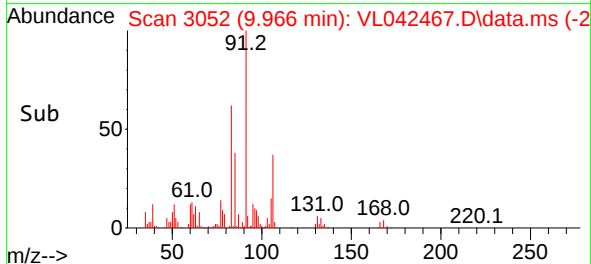
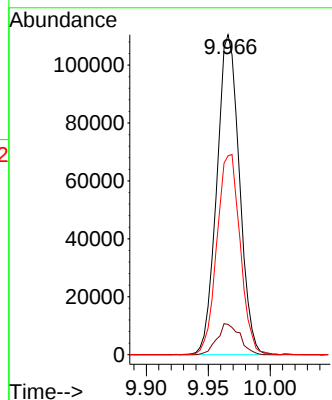
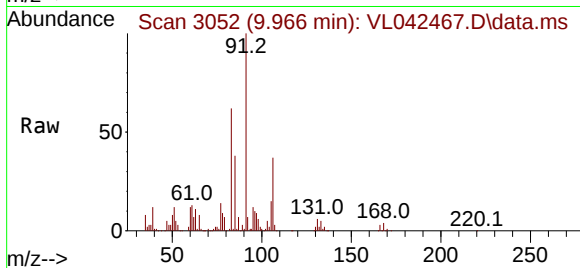
#63
1,1,2,2-Tetrachloroethane
Concen: 9.242 ppbv
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125

Tgt Ion: 83 Resp: 140300
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.6 32.5 97.4

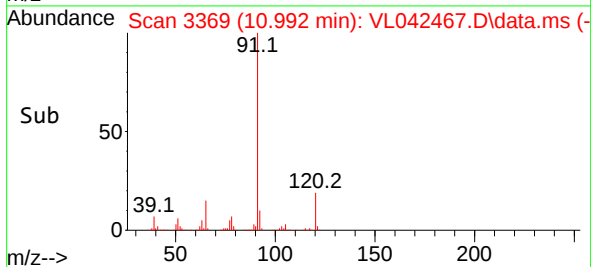
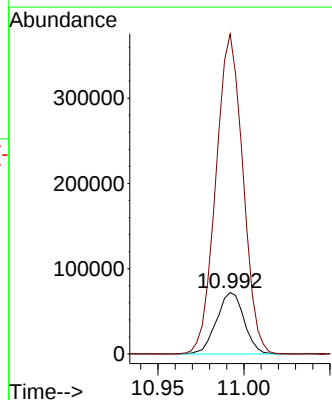
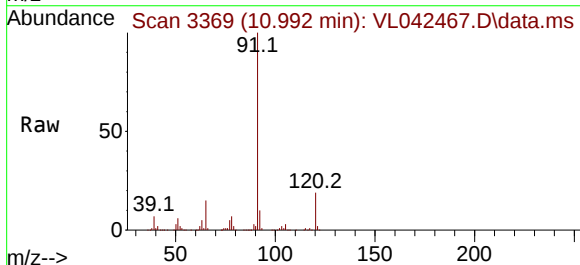
Manual Integrations
APPROVED

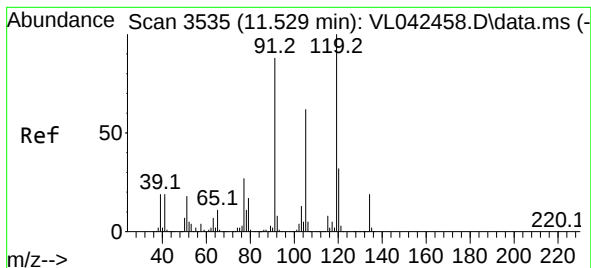
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#64
n-propylbenzene
Concen: 10.303 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

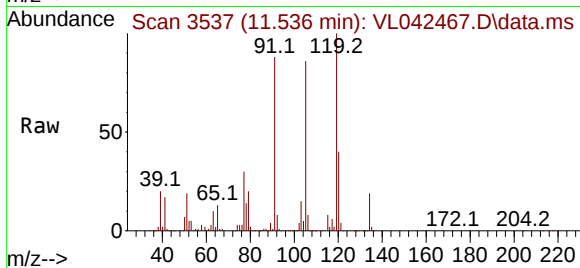
Tgt Ion:120 Resp: 79983
Ion Ratio Lower Upper
120 100
91 514.2 408.6 612.8





#65
tert-Butylbenzene
Concen: 10.672 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

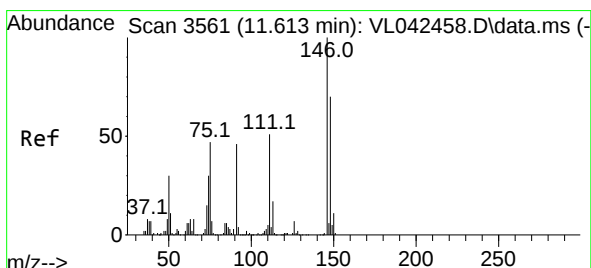
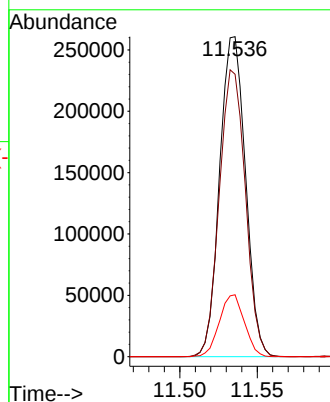
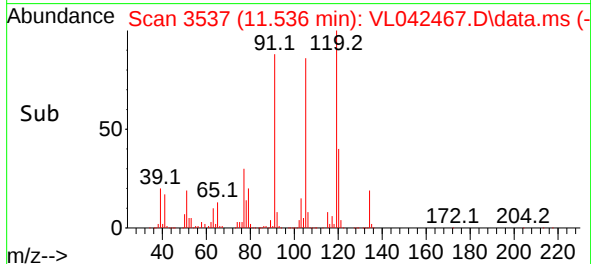
Instrument : MSVOA_L
ClientSampleId : ICVVL050125



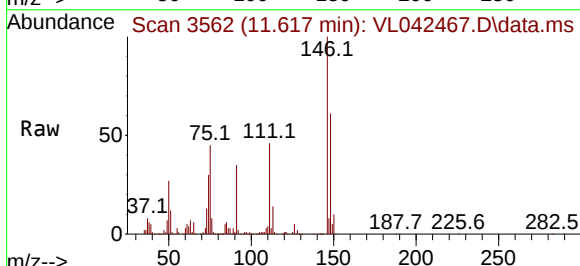
Tgt Ion: 119 Resp: 302500
Ion Ratio Lower Upper
119 100
91 90.4 71.6 107.4
134 18.7 15.0 22.4

Manual Integrations
APPROVED

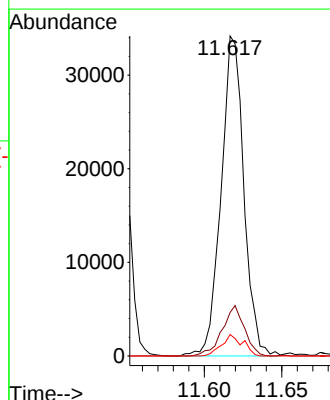
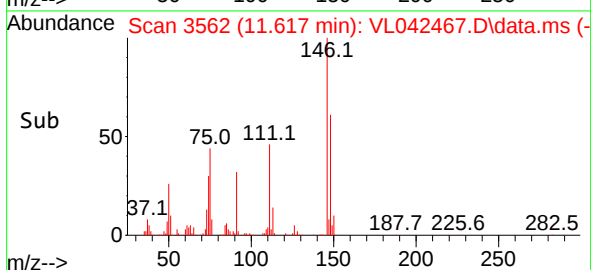
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

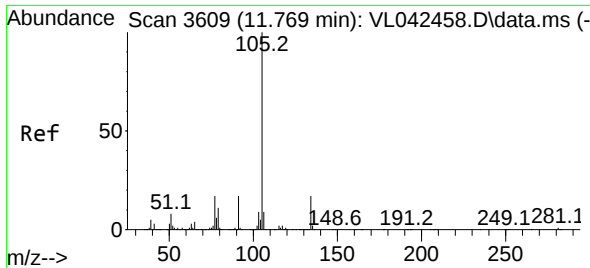


#66
Benzyl Chloride
Concen: 10.663 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



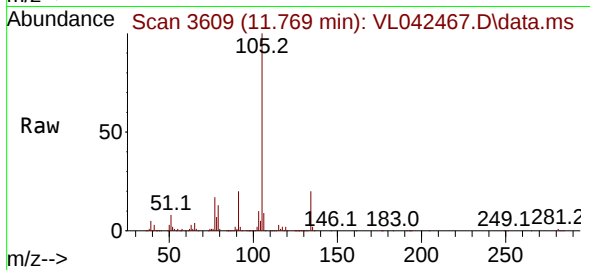
Tgt Ion: 91 Resp: 34933
Ion Ratio Lower Upper
91 100
126 15.5 13.3 19.9
128 6.2 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 10.562 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

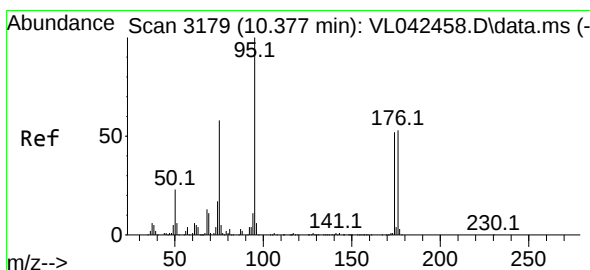
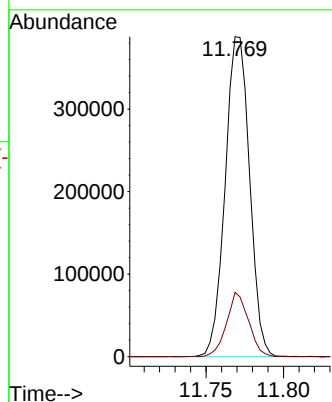
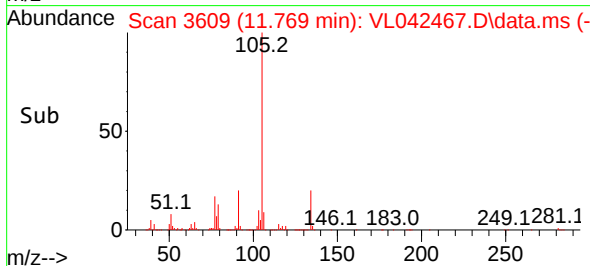
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL050125



Tgt Ion:105 Resp: 425444
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.1 21.1

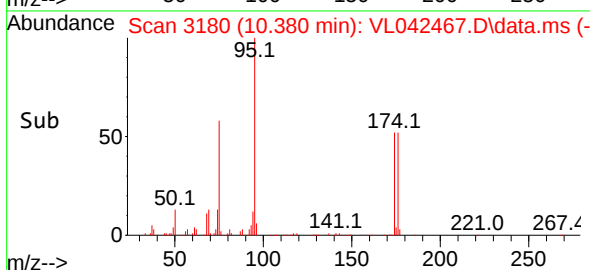
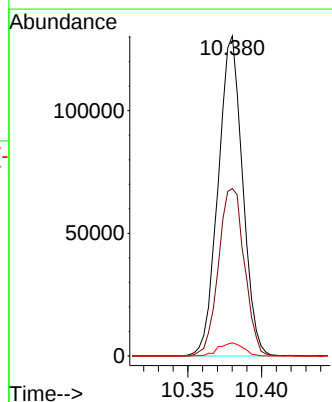
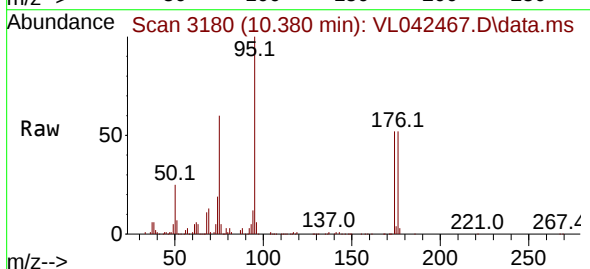
Manual Integrations
 APPROVED

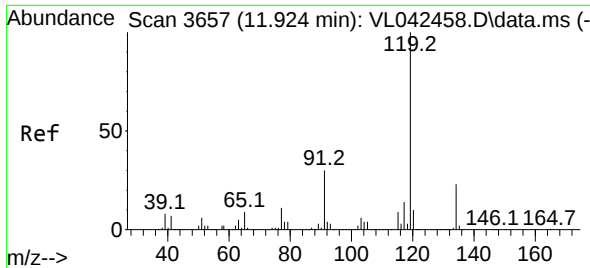
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.342 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

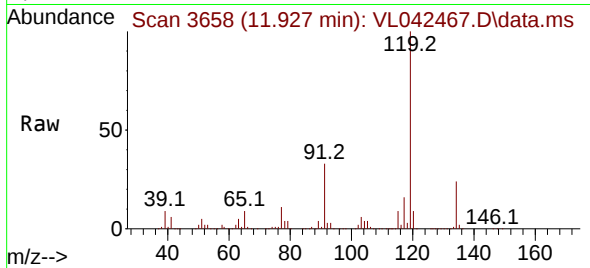
Tgt Ion: 95 Resp: 150522
 Ion Ratio Lower Upper
 95 100
 174 55.5 42.7 64.1
 175 4.2 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.712 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

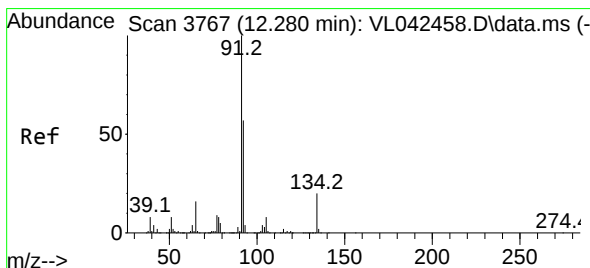
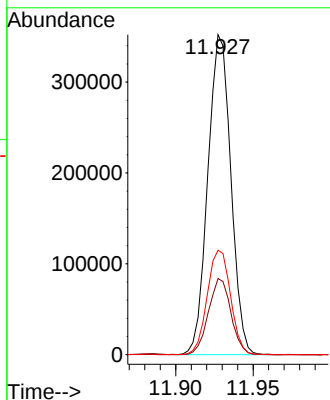
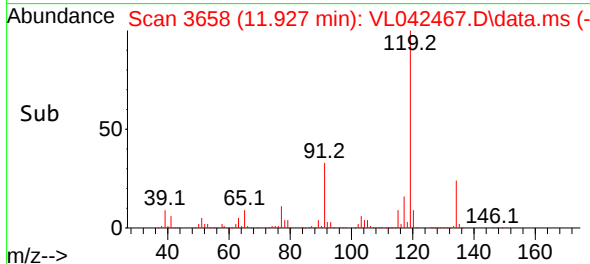
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



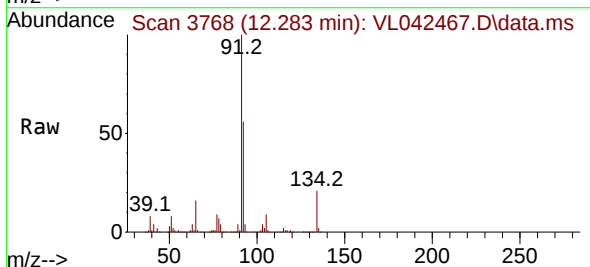
Tgt Ion:119 Resp: 36356
Ion Ratio Lower Upper
119 100
134 23.4 19.0 28.4
91 33.3 25.5 38.3

Manual Integrations
APPROVED

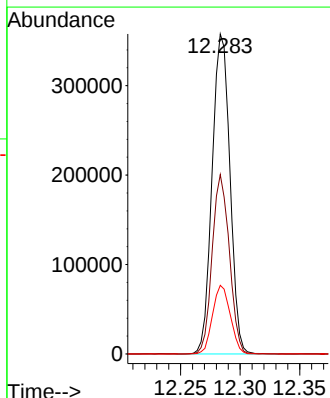
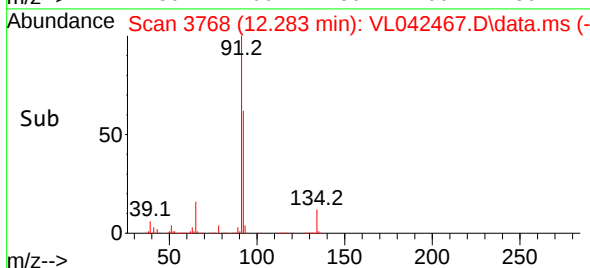
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

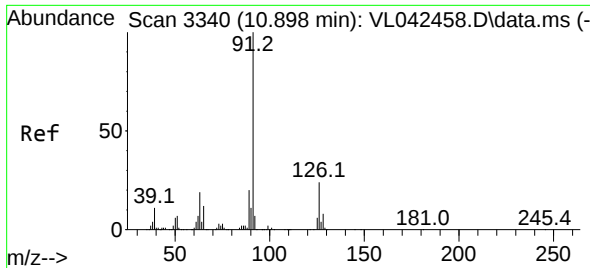


#70
n-Butylbenzene
Concen: 10.585 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



Tgt Ion: 91 Resp: 371369
Ion Ratio Lower Upper
91 100
92 54.2 44.0 66.0
134 21.3 16.8 25.2





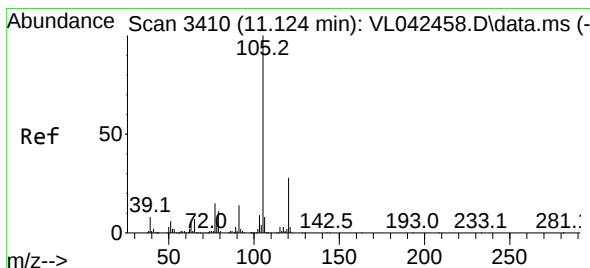
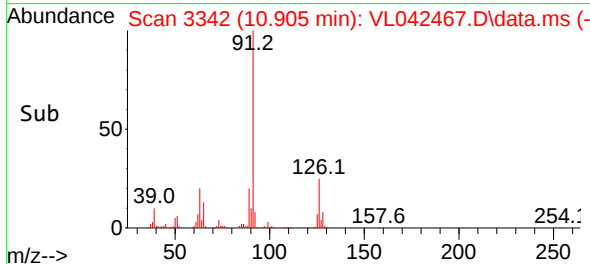
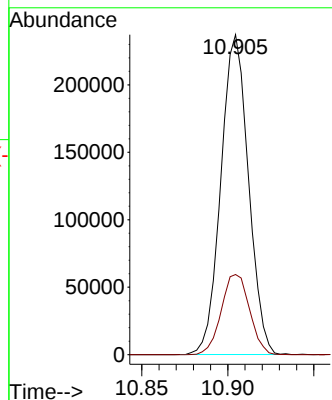
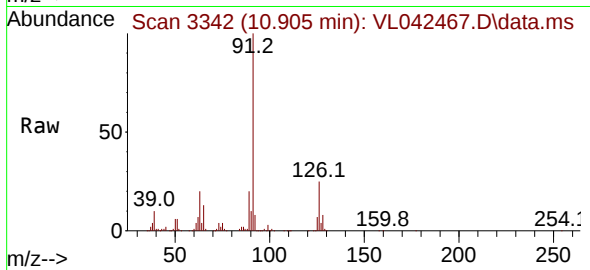
#71
2-Chlorotoluene
Concen: 10.599 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125

Tgt Ion: 91 Resp: 26406
Ion Ratio Lower Upper
91 100
126 25.7 10.6 42.2

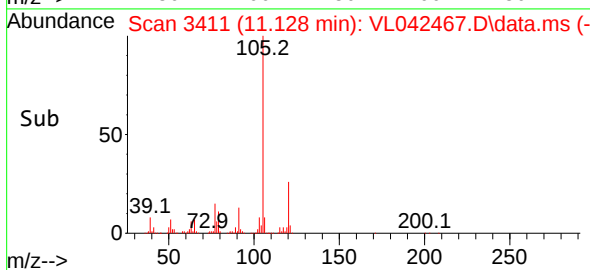
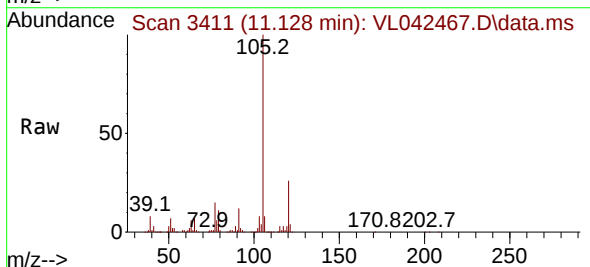
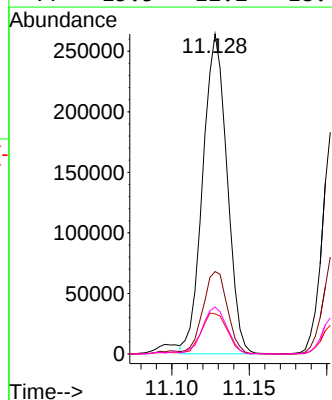
Manual Integrations
APPROVED

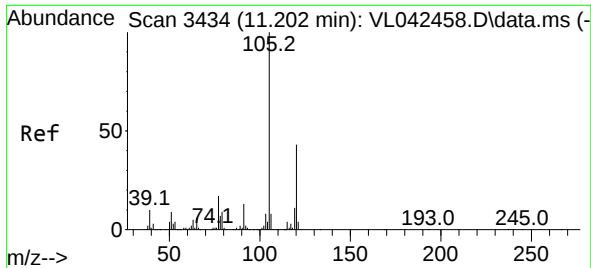
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#72
4-Ethyltoluene
Concen: 11.069 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

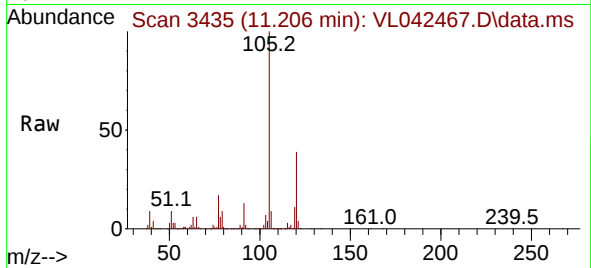
Tgt Ion:105 Resp: 287375
Ion Ratio Lower Upper
105 100
120 27.1 22.0 33.0
91 14.3 11.2 16.8
77 15.5 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.823 ppbv
RT: 11.206 min Scan# 3434
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

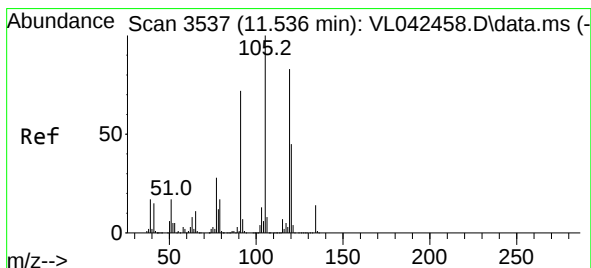
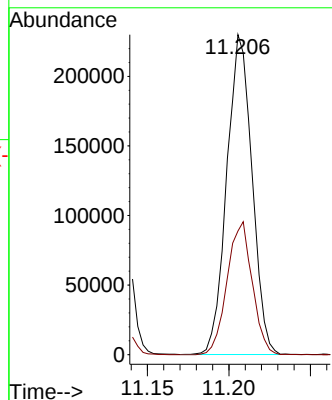
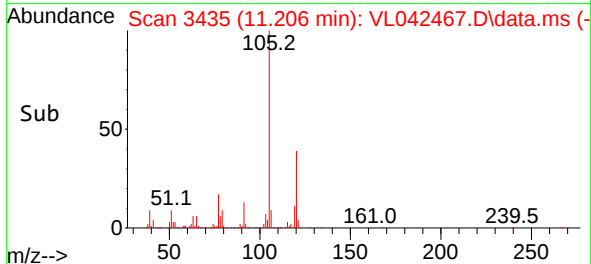
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



Tgt Ion:105 Resp: 247128
Ion Ratio Lower Upper
105 100
120 38.7 34.4 51.6

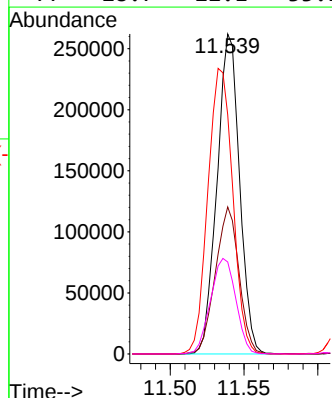
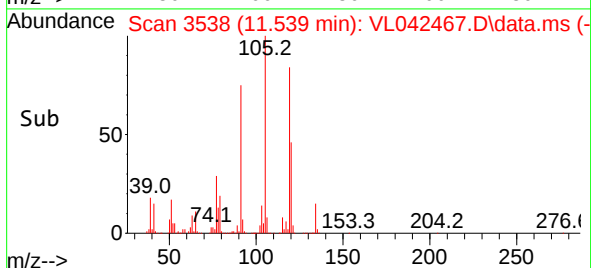
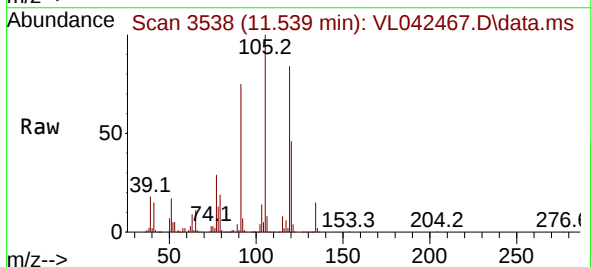
Manual Integrations
APPROVED

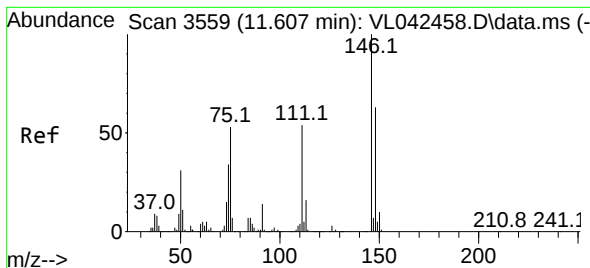
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#74
1,2,4-Trimethylbenzene
Concen: 10.074 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion:105 Resp: 278306
Ion Ratio Lower Upper
105 100
120 45.9 36.1 54.1
91 74.7 57.6 86.4
77 28.7 22.1 33.1





#75

1,3-Dichlorobenzene

Concen: 9.754 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL042467.D

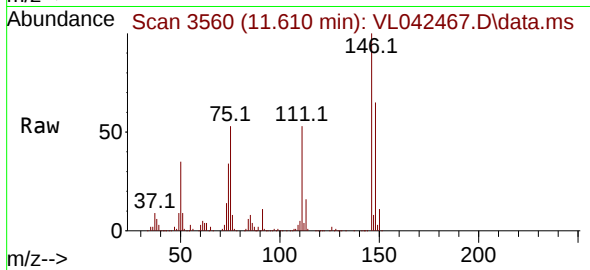
Acq: 01 May 2025 15:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL050125



Tgt Ion:146 Resp: 150020

Ion Ratio Lower Upper

146 100

111 51.1 26.1 78.3

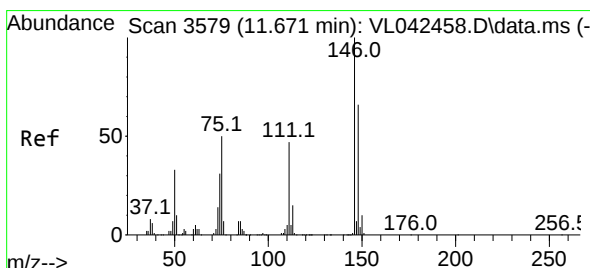
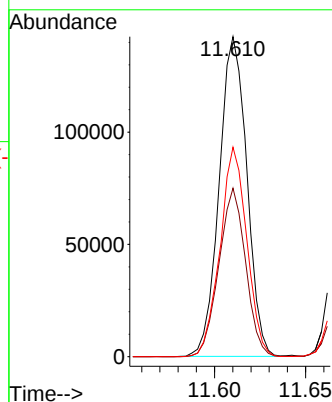
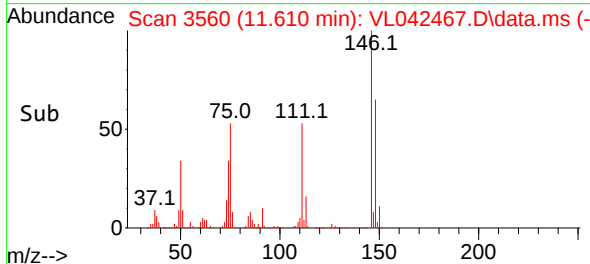
148 63.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#76

1,4-Dichlorobenzene

Concen: 10.425 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL042467.D

Acq: 01 May 2025 15:46

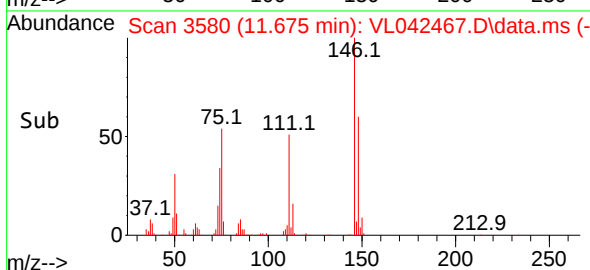
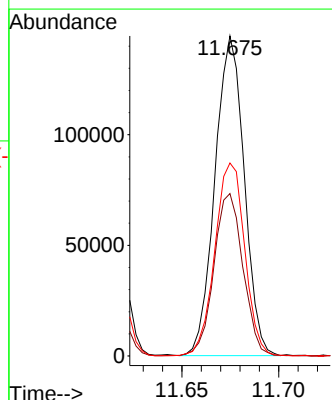
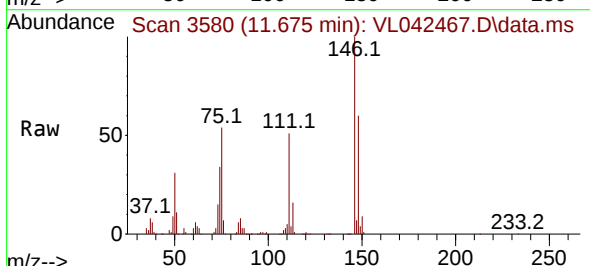
Tgt Ion:146 Resp: 151740

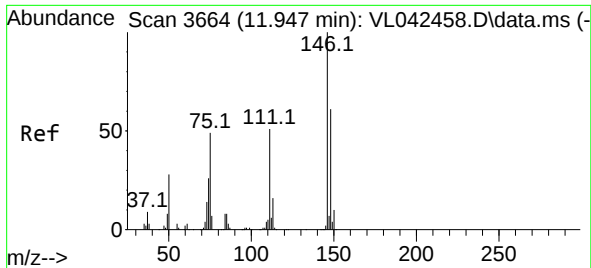
Ion Ratio Lower Upper

146 100

111 50.8 24.4 73.2

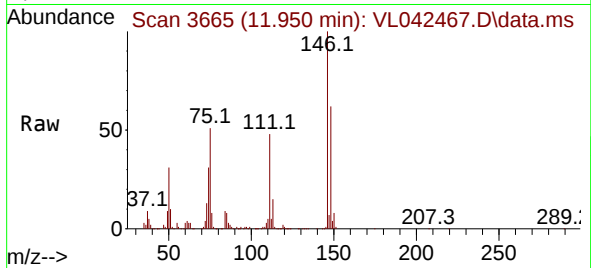
148 61.9 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 9.719 ppbv
RT: 11.950 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

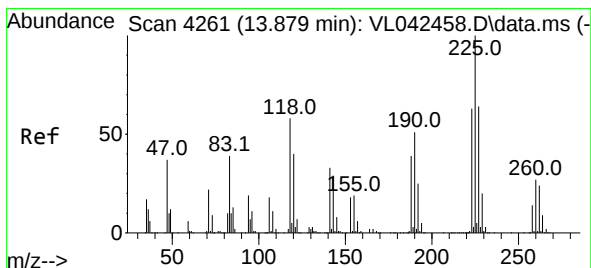
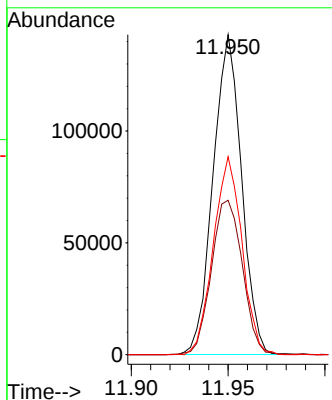
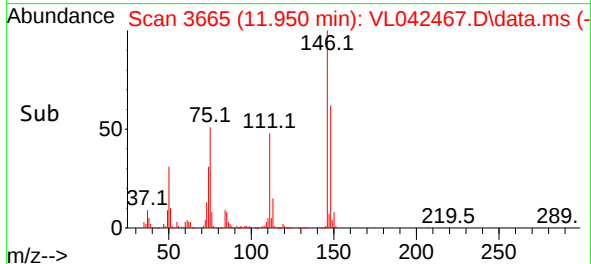
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



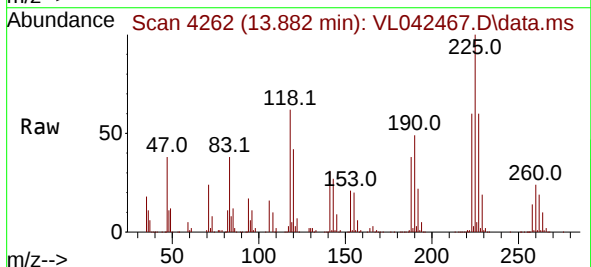
Tgt Ion:146 Resp: 146314
Ion Ratio Lower Upper
146 100
111 52.7 26.5 79.5
148 62.1 31.5 94.5

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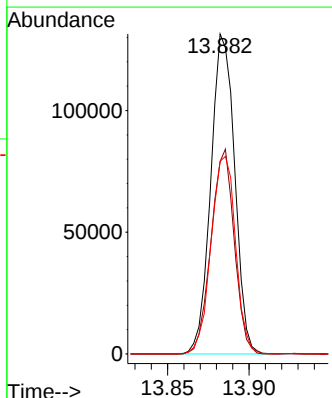
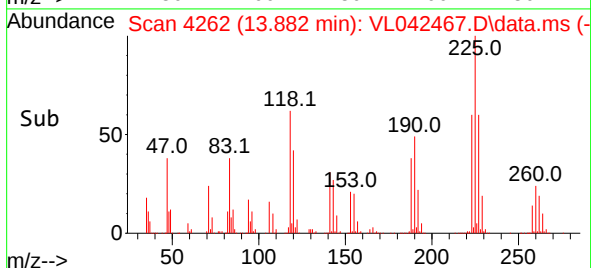
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

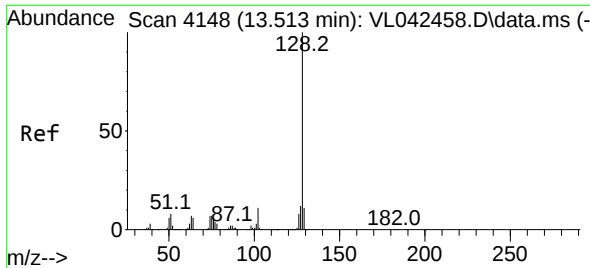


#78
Hexachloro-1,3-Butadiene
Concen: 8.893 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46



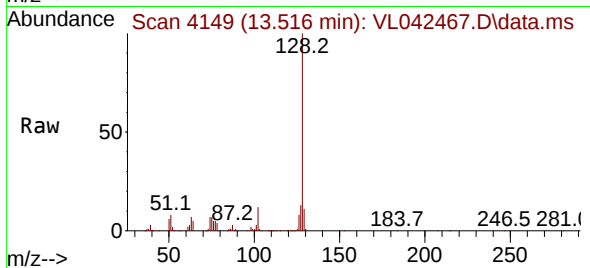
Tgt Ion:225 Resp: 133688
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 63.5 51.2 76.8





#79
Naphthalene
Concen: 10.806 ppbv
RT: 13.516 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

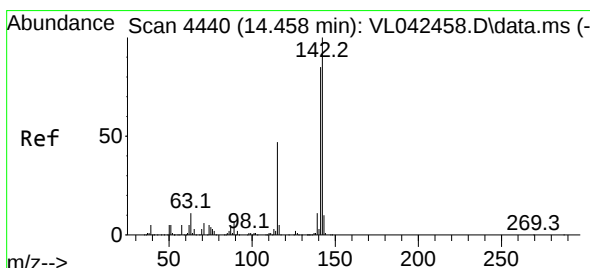
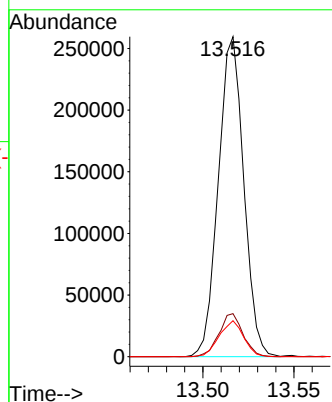
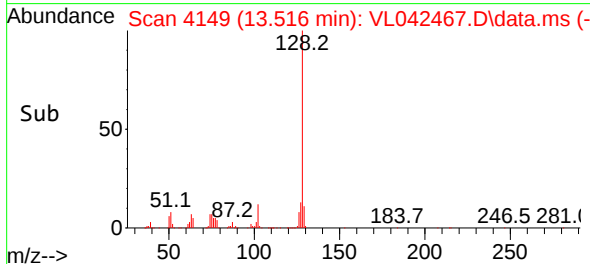
Instrument :
MSVOA_L
ClientSampleId :
ICVVL050125



Tgt Ion:128 Resp: 251318
Ion Ratio Lower Upper
128 100
127 13.5 9.7 14.5
129 11.2 8.6 13.0

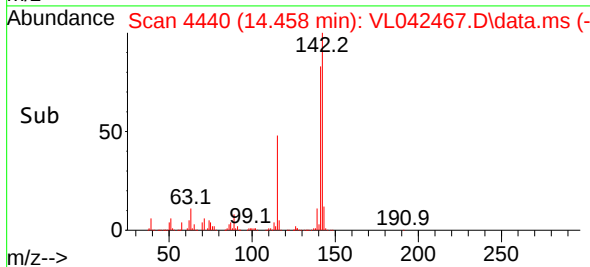
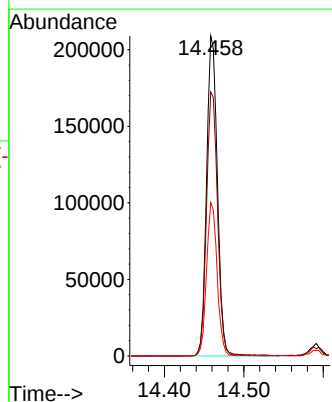
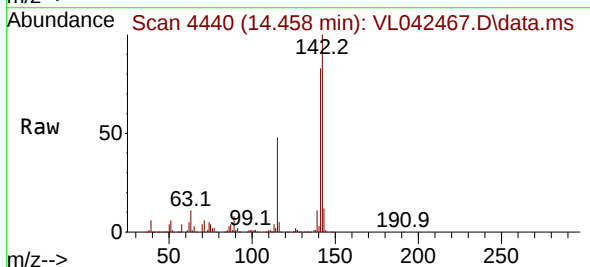
Manual Integrations
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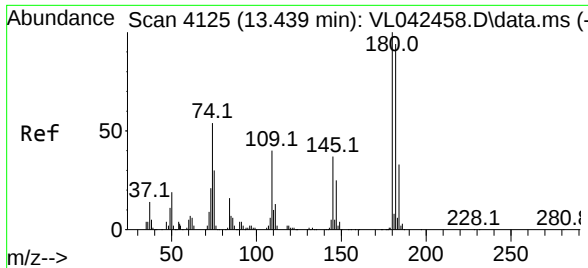
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#80
Naphthalene,2-methyl-
Concen: 11.489 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042467.D
Acq: 01 May 2025 15:46

Tgt Ion:142 Resp: 198604
Ion Ratio Lower Upper
142 100
141 84.4 67.4 101.0
115 47.4 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.433 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042467.D
 Acq: 01 May 2025 15:46

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL050125

Tgt Ion:180 Resp: 129400
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.6 111.8
 184 30.1 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

