

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042228.D
 Acq On : 07 Apr 2025 09:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

Quant Time: Apr 08 01:50:24 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	190462	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.978	114	513778	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	464477	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 380328 9.971 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	273290	9.718	ppbv	100
3) Chlorodifluoromethane	1.479	51	273791	9.530	ppbv	97
4) Chloromethane	1.538	50	110890	9.649	ppbv	96
5) Vinyl Chloride	1.586	62	101851	8.363	ppbv	98
6) Bromomethane	1.674	94	47719	9.162	ppbv	99
7) Chloroethane	1.709	64	41389	8.972	ppbv	95
8) Dichlorotetrafluoroethane	1.560	85	230557	9.627	ppbv	94
9) Propene	1.489	41	103393	7.852	ppbv	99
10) Heptane	5.007	43	307160m	8.770	ppbv	
11) Trichlorofluoromethane	1.884	101	261667	9.563	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.149	101	209865	9.331	ppbv	98
13) Ethanol	1.729	45	6198	4.979	ppbv	84
14) Bromoethene	1.787	108	72937	8.465	ppbv	98
15) Acetone	1.842	43	229629	8.621	ppbv	94
16) 1,3-Butadiene	1.615	39	109521	8.419	ppbv	100
17) tert-Butyl alcohol	2.049	59	281754	8.492	ppbv	100
18) 1,1-Dichloroethene	2.043	96	94213	8.960	ppbv	97
19) Isopropyl Alcohol	1.894	45	132147	8.793	ppbv	98
20) Methylene Chloride	2.069	84	80384	8.103	ppbv	91
21) Allyl Chloride	2.104	41	167907	8.938	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	105790	8.705	ppbv	94
23) Vinyl Acetate	2.473	43	97959	8.497	ppbv	98
24) 1,1-Dichloroethane	2.418	63	210138	9.328	ppbv	98
25) Ethyl Acetate	2.849	43	632090	9.143	ppbv	100
26) Hexane	2.839	57	241568	9.046	ppbv	98
27) Carbon Disulfide	2.159	76	262150	9.155	ppbv	96
28) Methyl tert-Butyl Ether	2.450	73	145310	8.740	ppbv	94
29) Chloroform	2.862	83	397772	10.178	ppbv	98
30) Cyclohexane	3.875	84	204416	8.816	ppbv	96
31) cis-1,2-Dichloroethene	2.732	61	246306	9.085	ppbv	98
32) 1,1,1-Trichloroethane	3.383	97	409916	9.162	ppbv	99
34) 2-Butanone	2.570	43	358832	9.632	ppbv	99
35) Carbon Tetrachloride	3.781	117	425964	10.613	ppbv	99
36) Benzene	3.674	78	490813	9.636	ppbv	99
37) 1,2-Dichloroethane	3.234	62	314121	10.772	ppbv	98
38) Trichloroethene	4.574	130	202154	9.512	ppbv	97
39) 1,2-Dichloropropane	4.337	63	175704	9.472	ppbv	92
40) 1,4-Dioxane	4.606	88	86664	8.803	ppbv #	92
41) Tetrahydrofuran	3.069	42	199313	9.290	ppbv	98
42) Bromodichloromethane	4.512	83	430997	10.721	ppbv	99
43) Methyl Methacrylate	4.907	69	185545	8.605	ppbv	98
44) 2,2,4-Trimethylpentane	4.664	57	824962	9.584	ppbv	97
45) t-1,3-Dichloropropene	6.444	75	201676	8.718	ppbv	98

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Quant Time: Apr 08 01:50:24 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

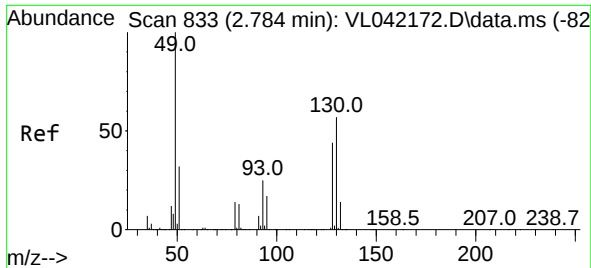
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	252032	8.888	ppbv	96
47) 1,1,2-Trichloroethane	6.610	97	200780	10.239	ppbv	95
48) Dibromochloromethane	7.412	129	346881	10.438	ppbv	100
49) Bromoform	9.500	173	296338	9.932	ppbv	100
50) 4-Methyl-2-Pentanone	5.781	43	511581	8.665	ppbv	96
51) 2-Hexanone	7.461	43	412183	8.501	ppbv #	94
52) Tetrachloroethene	8.244	164	168107	8.322	ppbv	96
53) Toluene	6.959	91	560665	9.286	ppbv	99
54) 1,2-Dibromoethane	7.678	107	277561	10.154	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.943	131	274135	10.722	ppbv	99
57) Chlorobenzene	8.940	112	456787	10.368	ppbv	97
58) Ethyl Benzene	9.374	91	815771	9.888	ppbv	99
59) m/p-Xylene	9.568	91	1363568m	20.698	ppbv	
60) o-Xylene	9.982	91	679193	10.284	ppbv	98
61) Styrene	9.888	104	314809	9.635	ppbv	100
62) Isopropylbenzene	10.555	105	1013803	10.265	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	427404	10.651	ppbv	100
64) n-propylbenzene	11.005	120	265137	10.429	ppbv	99
65) tert-Butylbenzene	11.545	119	928989	10.171	ppbv	99
66) Benzyl Chloride	11.630	91	72224	7.452	ppbv	99
67) sec-Butylbenzene	11.782	105	1298645	10.229	ppbv	100
69) p-Isopropyltoluene	11.940	119	1128593	10.324	ppbv	99
70) n-Butylbenzene	12.296	91	1165845	10.428	ppbv	100
71) 2-Chlorotoluene	10.918	91	787527	10.274	ppbv	100
72) 4-Ethyltoluene	11.141	105	857021	10.422	ppbv	99
73) 1,3,5-Trimethylbenzene	11.219	105	735306	10.239	ppbv	100
74) 1,2,4-Trimethylbenzene	11.552	105	821957	9.935	ppbv	93
75) 1,3-Dichlorobenzene	11.623	146	485669	10.703	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	488661	10.821	ppbv	98
77) 1,2-Dichlorobenzene	11.963	146	480373	10.873	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	388827	8.646	ppbv	100
79) Naphthalene	13.526	128	956597	10.570	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	462373	10.419	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	412677	9.886	ppbv	98

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



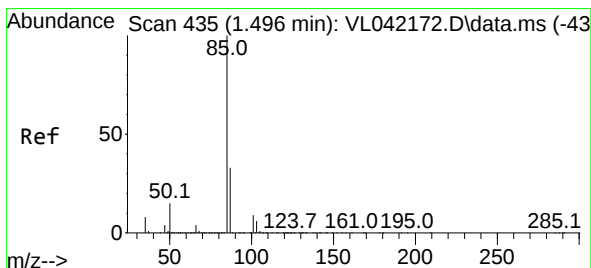
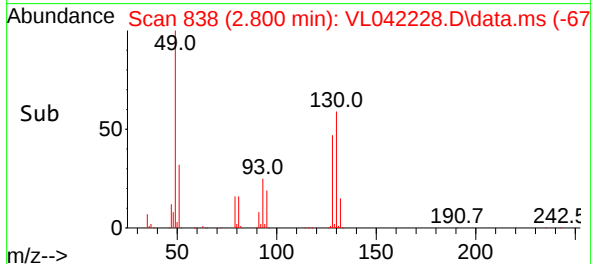
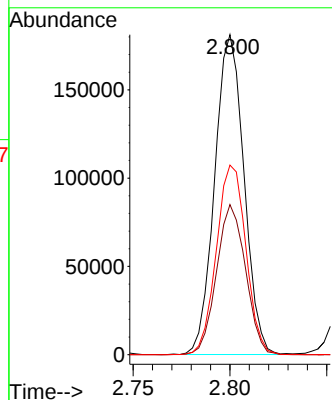
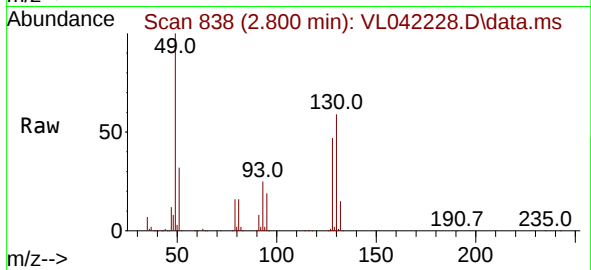
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 190462
Ion Ratio Lower Upper
49 100
128 46.4 22.9 68.5
130 59.8 28.8 86.4

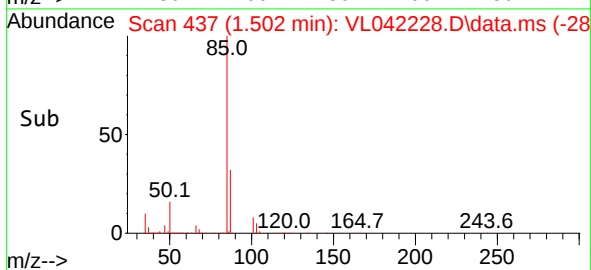
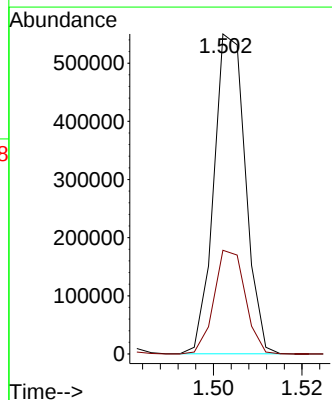
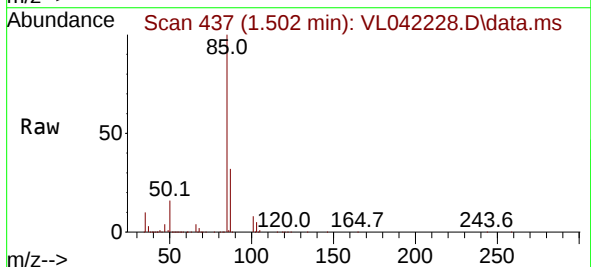
Manual Integrations
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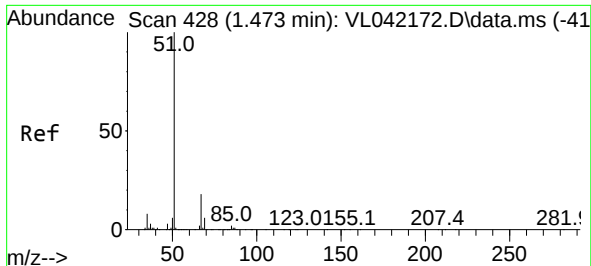
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#2
Dichlorodifluoromethane
Concen: 9.718 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

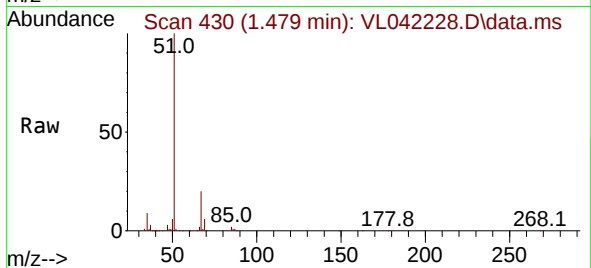
Tgt Ion: 85 Resp: 273290
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1





#3
Chlorodifluoromethane
Concen: 9.530 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

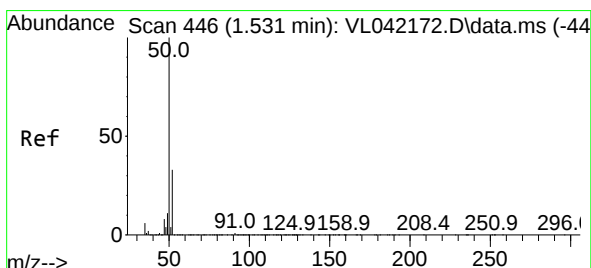
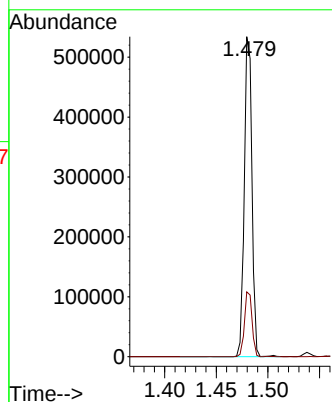
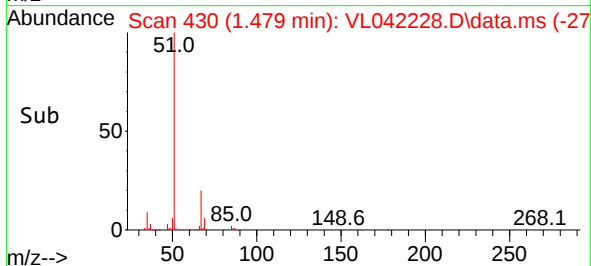
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



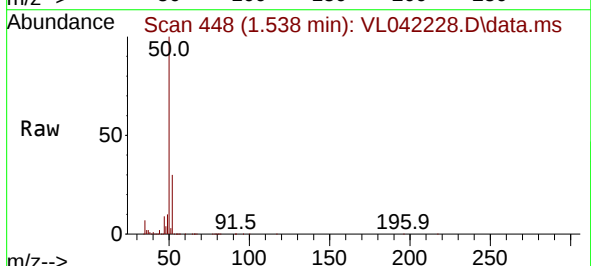
Tgt Ion: 51 Resp: 27379
Ion Ratio Lower Upper
51 100
67 20.2 15.0 22.6

Manual Integrations
APPROVED

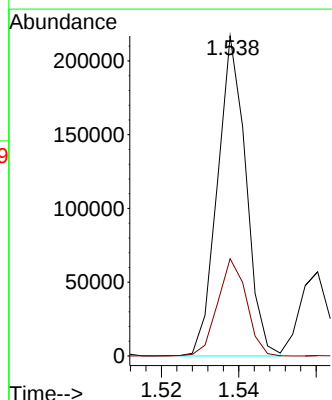
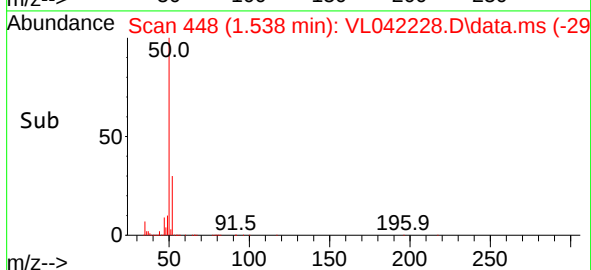
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

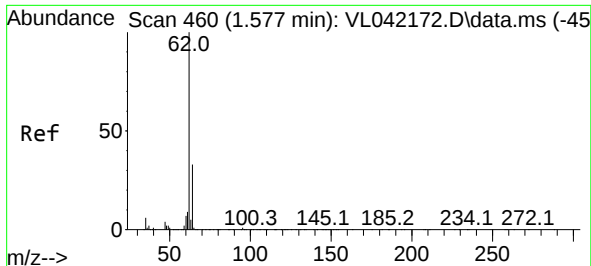


#4
Chloromethane
Concen: 9.649 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



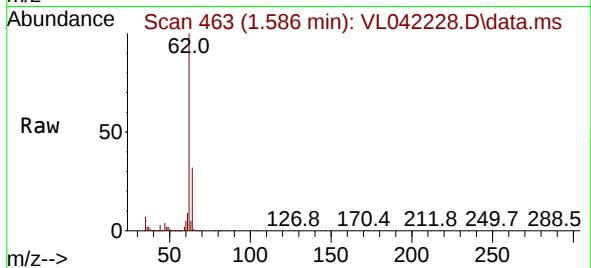
Tgt Ion: 50 Resp: 110890
Ion Ratio Lower Upper
50 100
52 30.4 26.1 39.1





#5
 Vinyl Chloride
 Concen: 8.363 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.010 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

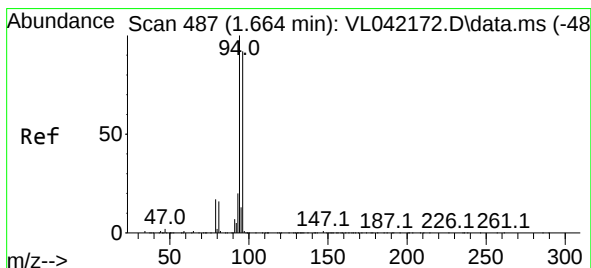
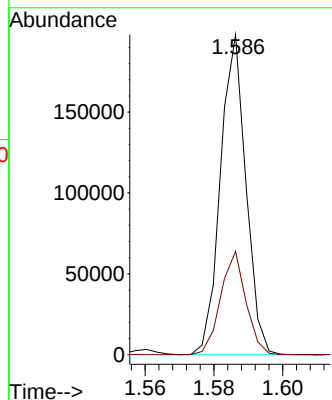
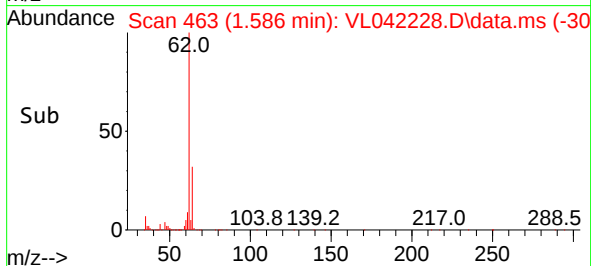
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



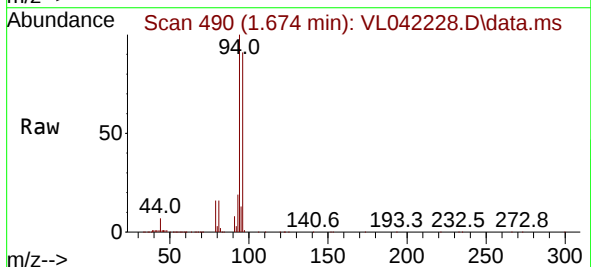
Tgt Ion: 62 Resp: 10185
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.6 40.0

Manual Integrations
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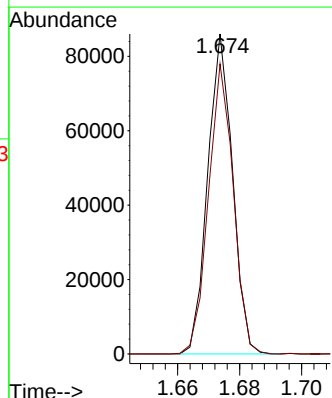
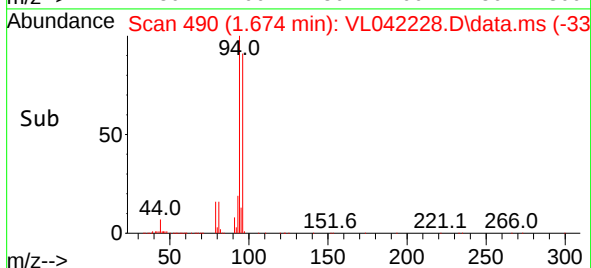
Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

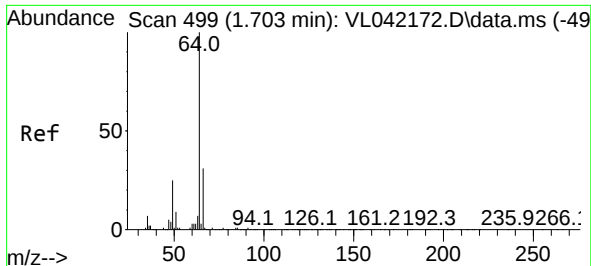


#6
 Bromomethane
 Concen: 9.162 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.010 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31



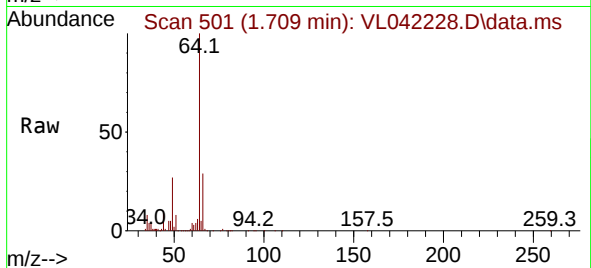
Tgt Ion: 94 Resp: 47719
 Ion Ratio Lower Upper
 94 100
 96 90.6 73.1 109.7





#7
Chloroethane
Concen: 8.972 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

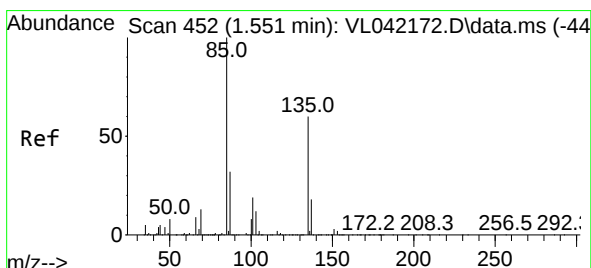
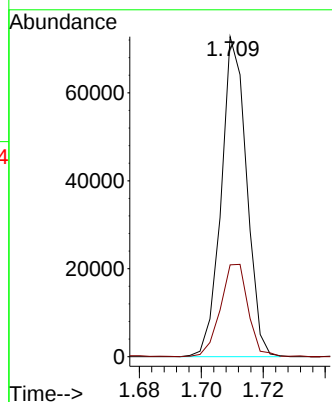
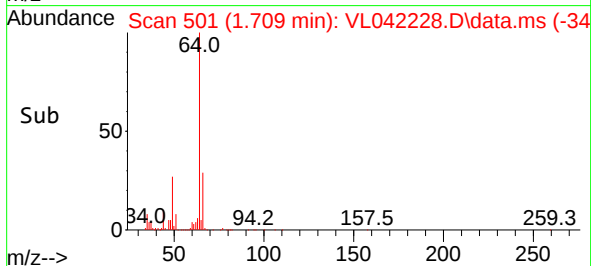
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



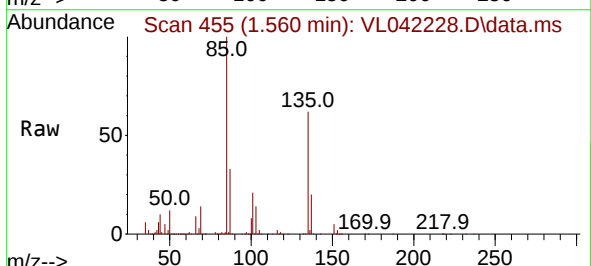
Tgt Ion: 64 Resp: 41389
Ion Ratio Lower Upper
64 100
66 28.7 25.2 37.8

Manual Integrations
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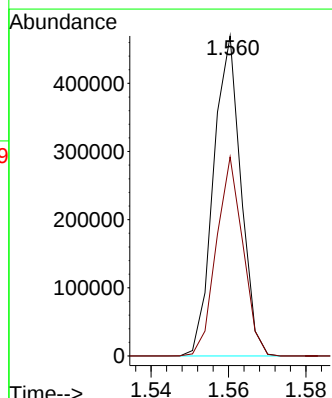
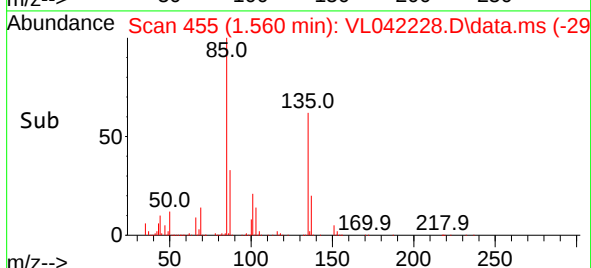
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

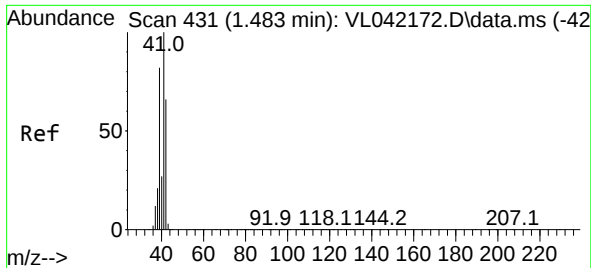


#8
Dichlorotetrafluoroethane
Concen: 9.627 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



Tgt Ion: 85 Resp: 230557
Ion Ratio Lower Upper
85 100
135 60.4 52.4 78.6





#9

Propene

Concen: 7.852 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 10339

Ion Ratio Lower Upper

41 100

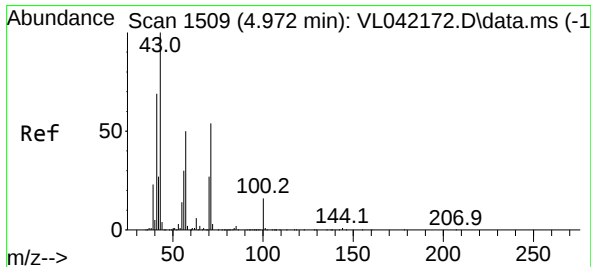
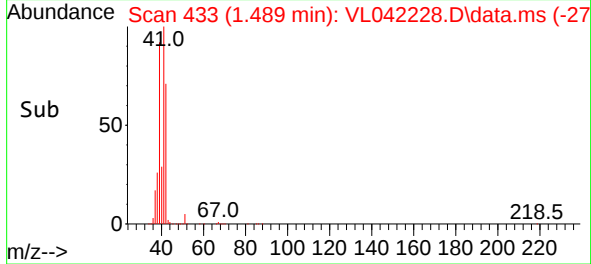
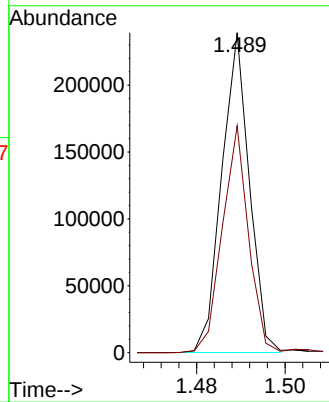
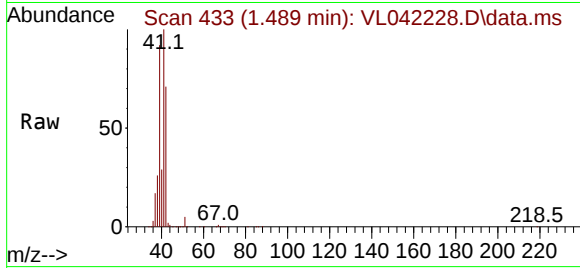
42 68.7 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#10

Heptane

Concen: 8.770 ppbv m

RT: 5.007 min Scan# 1520

Delta R.T. 0.035 min

Lab File: VL042228.D

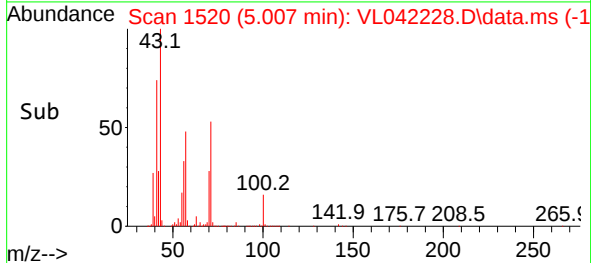
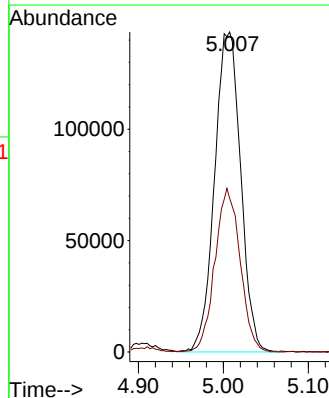
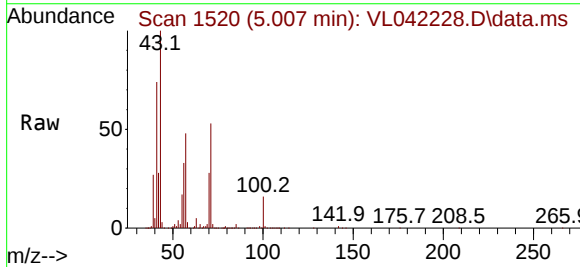
Acq: 07 Apr 2025 09:31

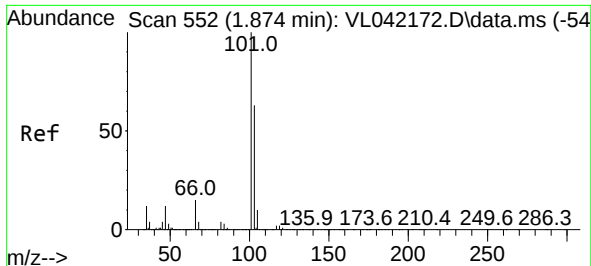
Tgt Ion: 43 Resp: 307160

Ion Ratio Lower Upper

43 100

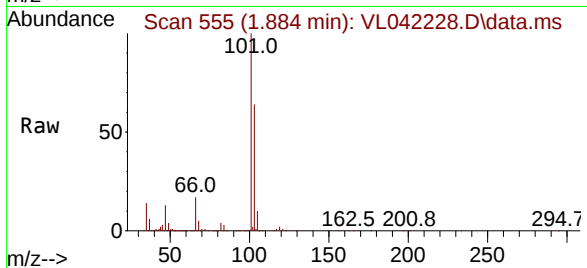
57 0.0 39.4 59.2#





#11
Trichlorofluoromethane
Concen: 9.563 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

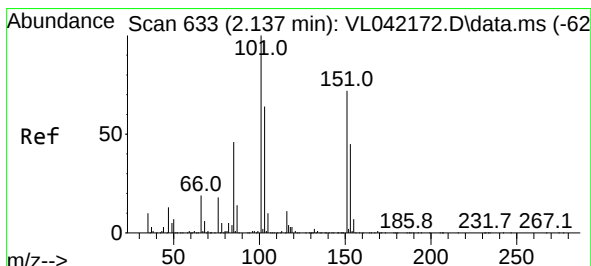
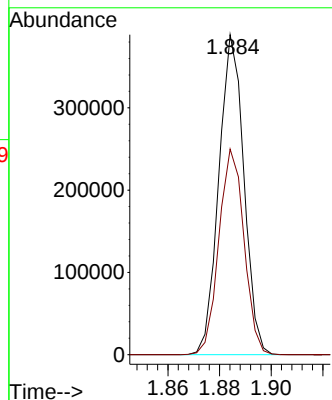
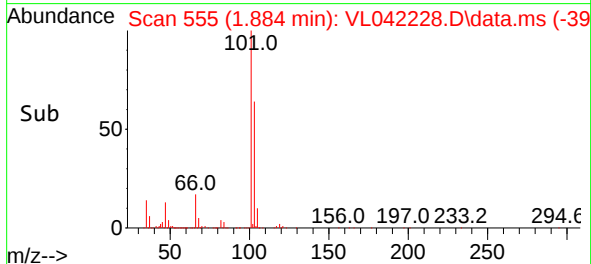
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



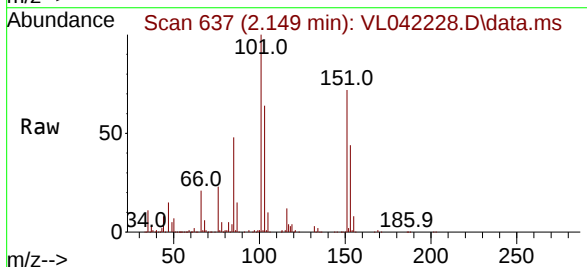
Tgt Ion:101 Resp: 26166
Ion Ratio Lower Upper
101 100
103 64.2 50.2 75.2

Manual Integrations
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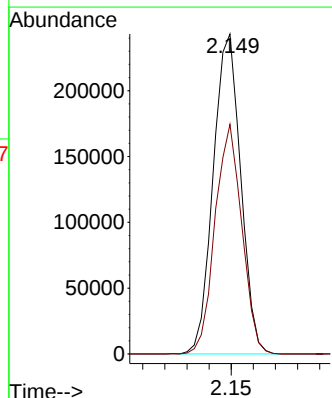
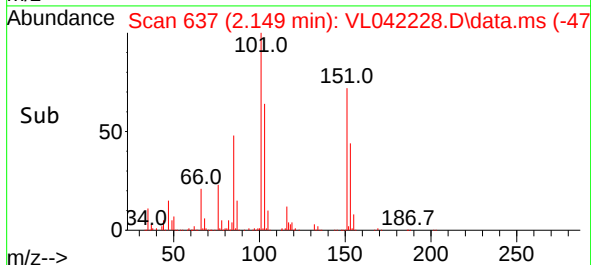
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

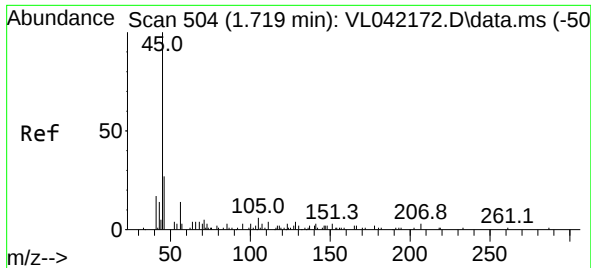


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.331 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.013 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



Tgt Ion:101 Resp: 209865
Ion Ratio Lower Upper
101 100
151 69.9 57.1 85.7





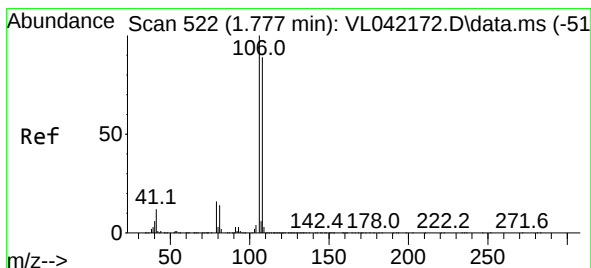
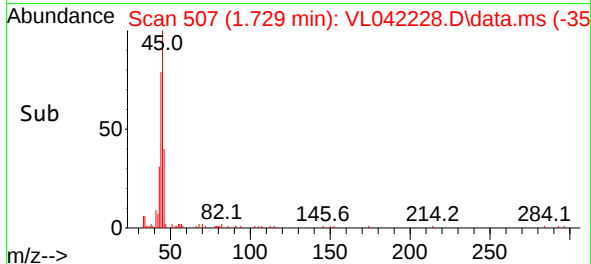
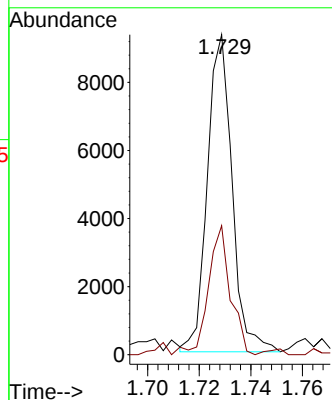
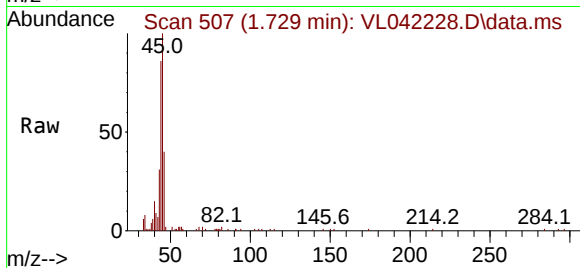
#13
Ethanol
Concen: 4.979 ppbv
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 6198
Ion Ratio Lower Upper
45 100
46 39.4 20.2 80.8

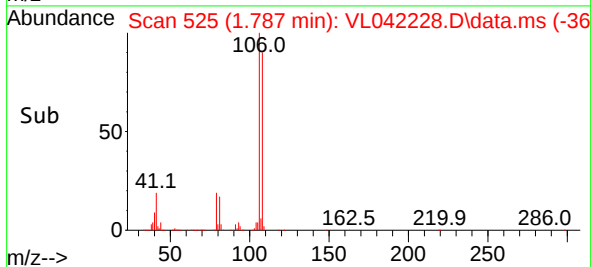
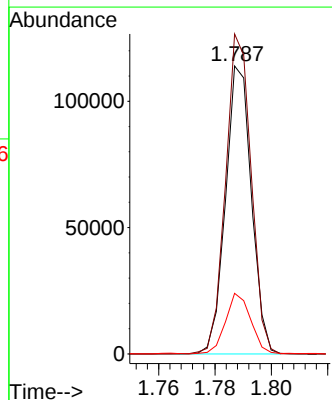
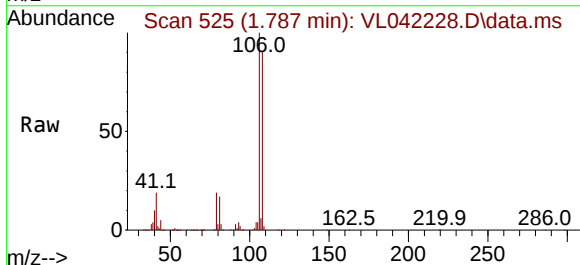
Manual Integrations
APPROVED

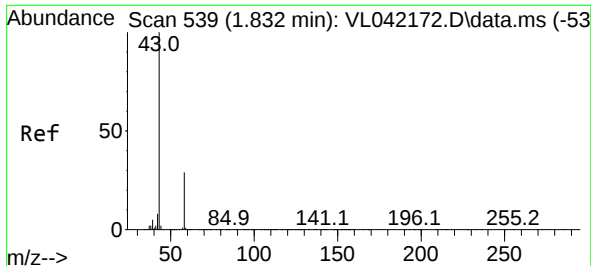
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#14
Bromoethene
Concen: 8.465 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:108 Resp: 72937
Ion Ratio Lower Upper
108 100
106 109.6 86.8 130.2
79 20.9 15.0 22.6





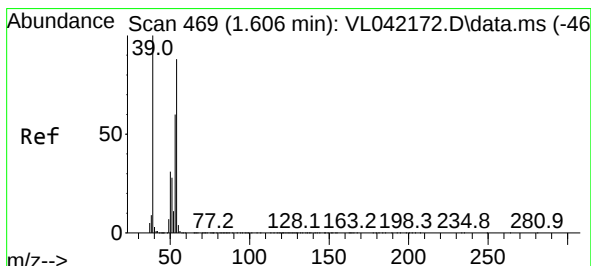
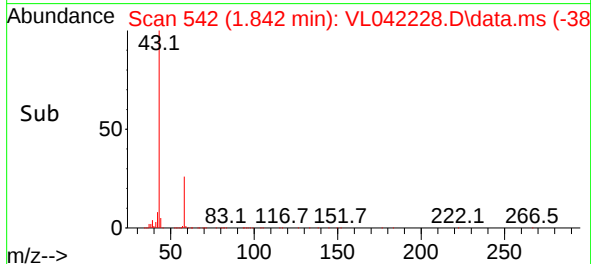
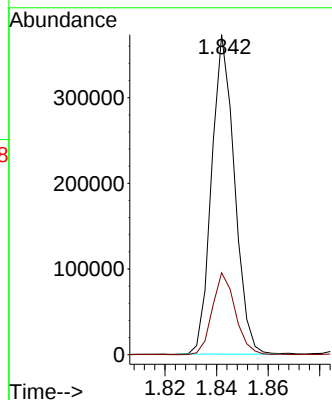
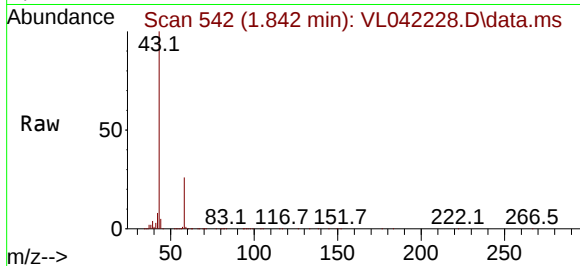
#15
Acetone
Concen: 8.621 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 229629
Ion Ratio Lower Upper
43 100
58 25.9 23.2 34.8

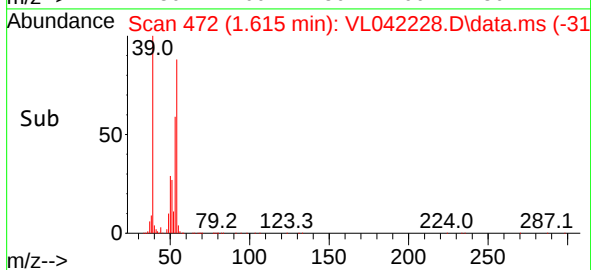
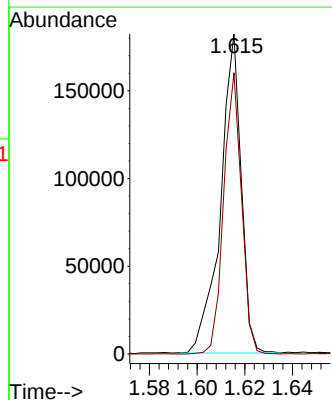
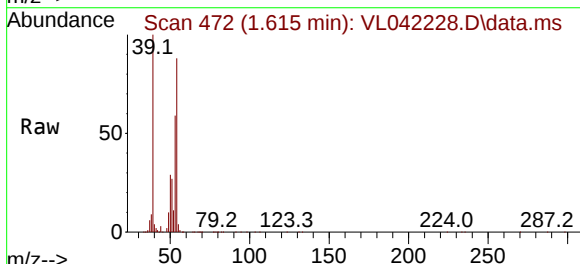
Manual Integrations
APPROVED

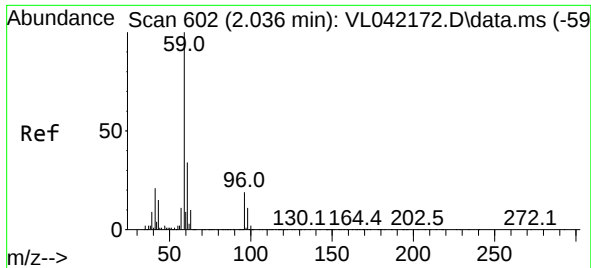
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#16
1,3-Butadiene
Concen: 8.419 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 39 Resp: 109521
Ion Ratio Lower Upper
39 100
54 75.8 60.7 91.1





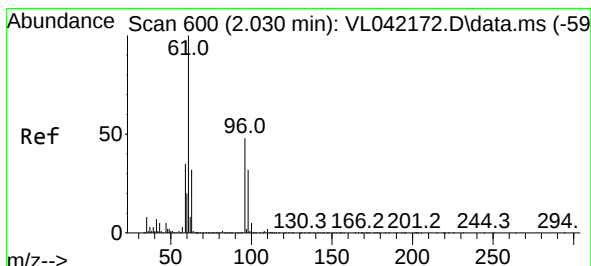
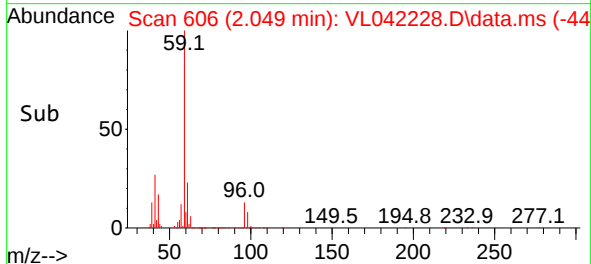
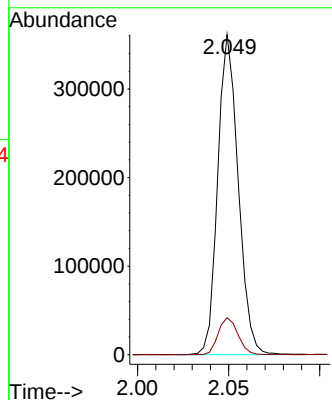
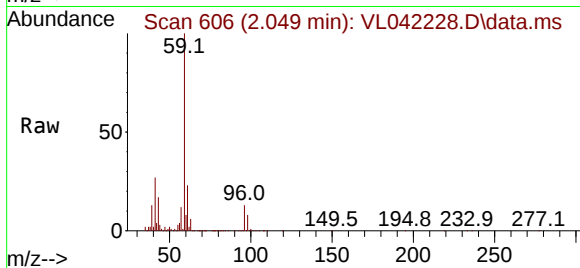
#17
tert-Butyl alcohol
Concen: 8.492 ppbv
RT: 2.049 min Scan# 60
Delta R.T. 0.013 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 281754
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3

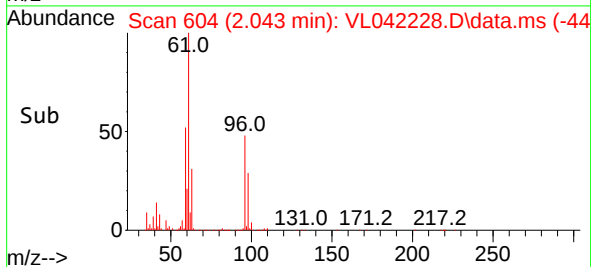
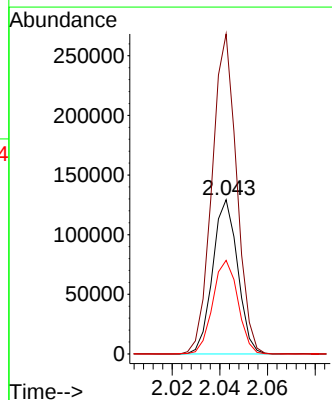
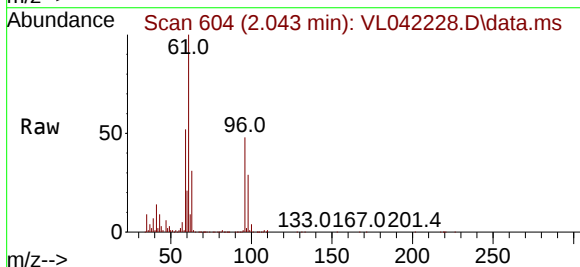
Manual Integrations
APPROVED

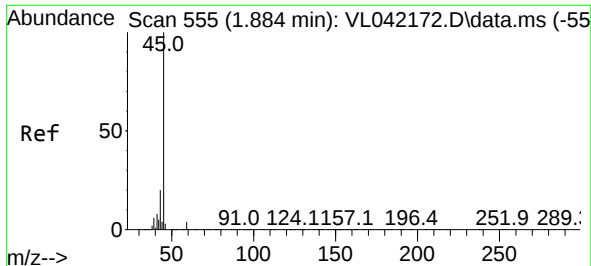
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#18
1,1-Dichloroethene
Concen: 8.960 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.013 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 96 Resp: 94213
Ion Ratio Lower Upper
96 100
61 207.3 167.6 251.4
98 60.7 53.5 80.3





#19

Isopropyl Alcohol

Concen: 8.793 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 13214

Ion Ratio Lower Upper

45 100

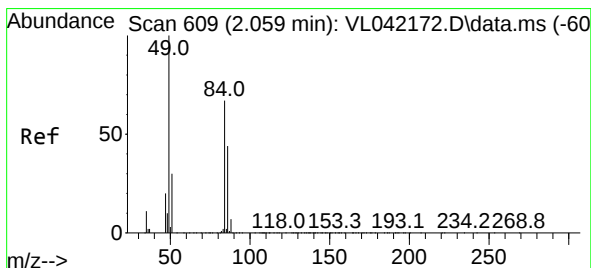
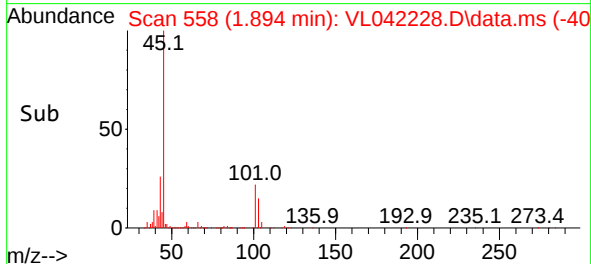
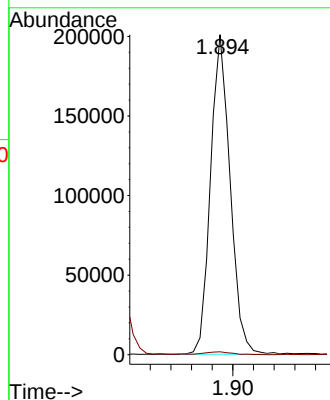
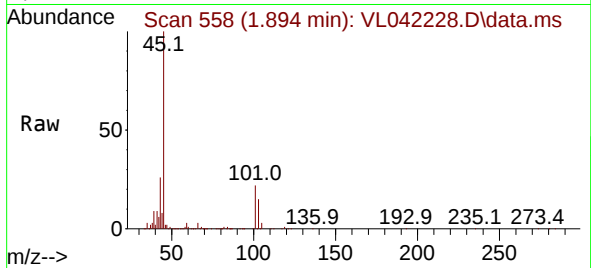
58 45.1 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#20

Methylene Chloride

Concen: 8.103 ppbv

RT: 2.069 min Scan# 612

Delta R.T. 0.010 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Tgt Ion: 84 Resp: 80384

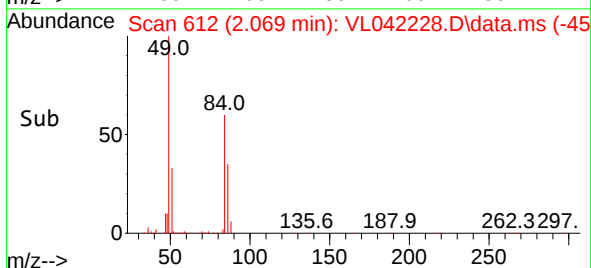
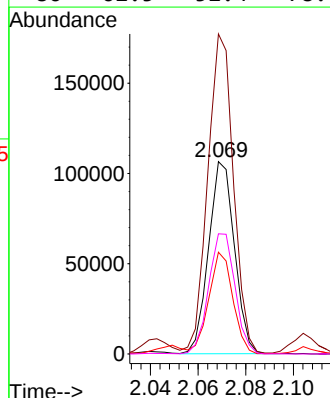
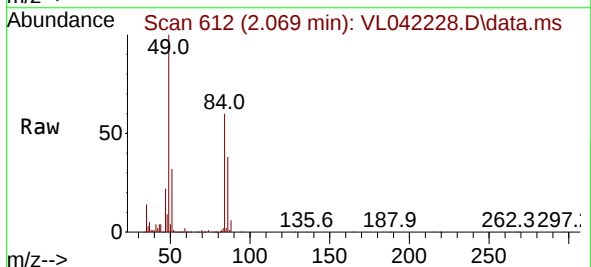
Ion Ratio Lower Upper

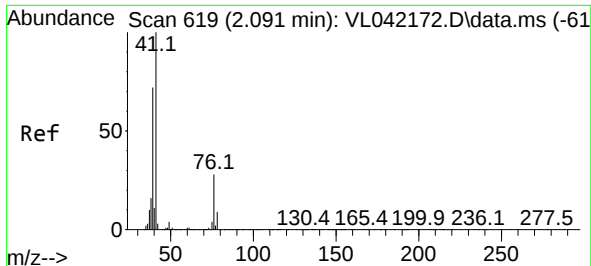
84 100

49 165.1 120.2 180.4

51 52.7 37.4 56.0

86 62.5 52.4 78.6





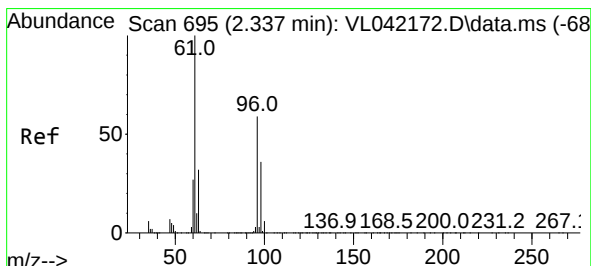
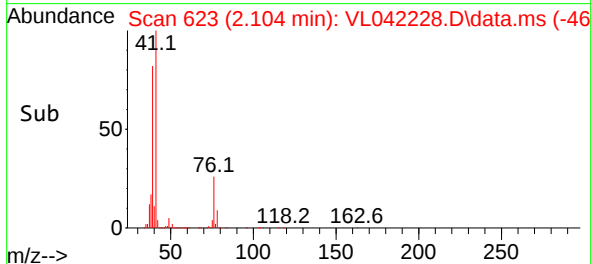
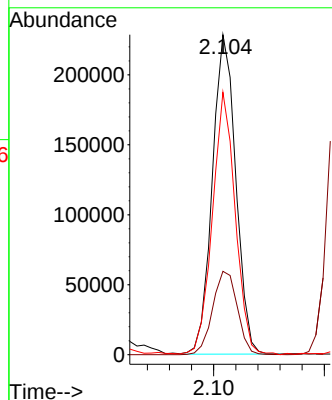
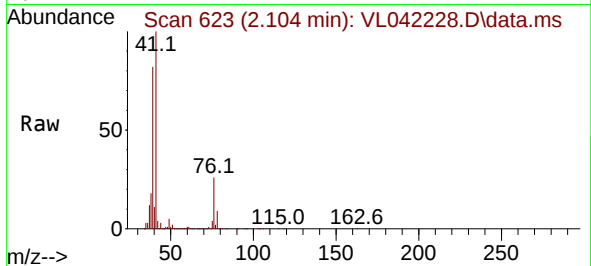
#21
 Allyl Chloride
 Concen: 8.938 ppbv
 RT: 2.104 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 16790
 Ion Ratio Lower Upper
 41 100
 76 27.5 24.1 36.1
 39 79.2 61.1 91.7

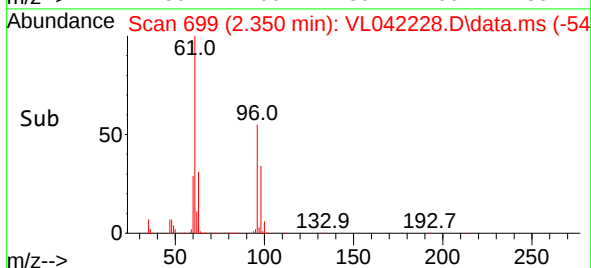
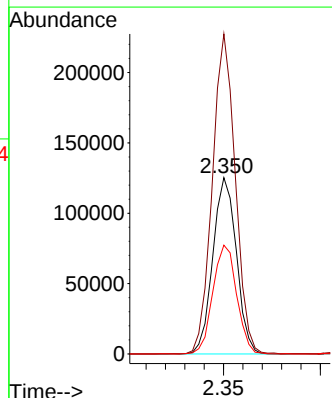
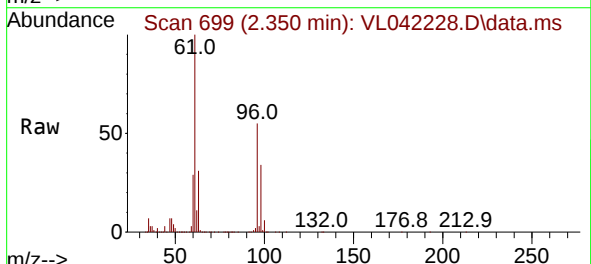
Manual Integrations
 APPROVED

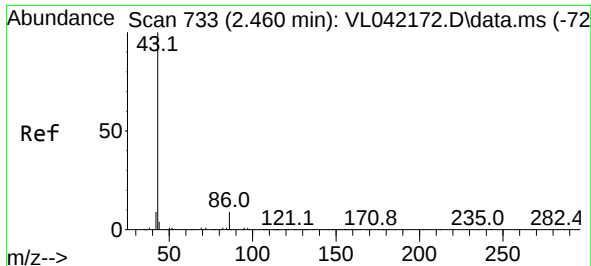
Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.705 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion: 96 Resp: 105790
 Ion Ratio Lower Upper
 96 100
 61 181.4 136.6 204.8
 98 61.7 49.4 74.2





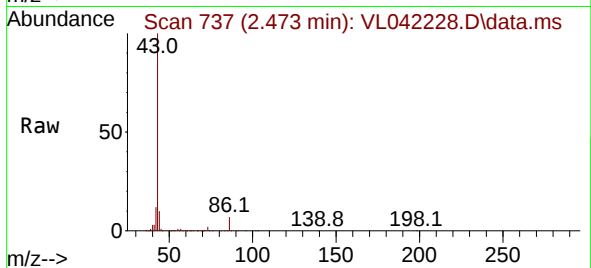
#23
 Vinyl Acetate
 Concen: 8.497 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

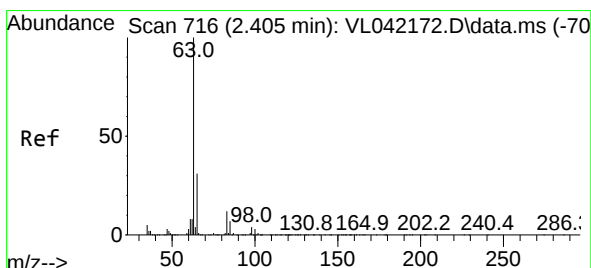
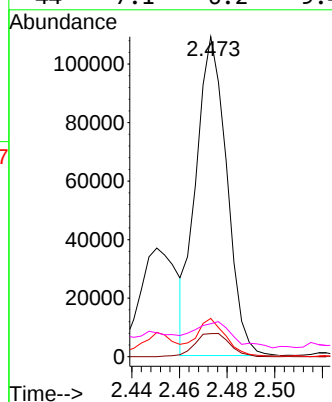
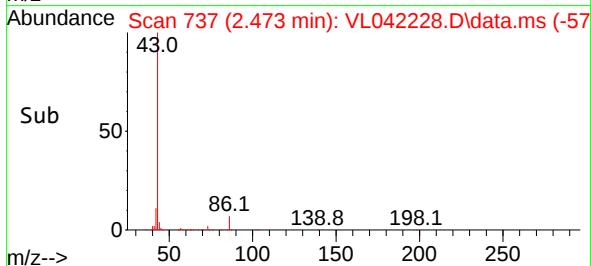


Tgt Ion: 43 Resp: 97959
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.5 8.3
 42 11.7 8.6 13.0
 44 7.1 6.2 9.4

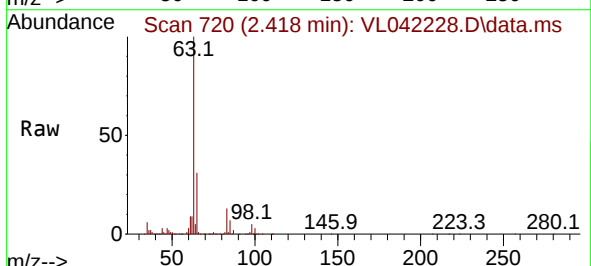
Manual Integrations

APPROVED

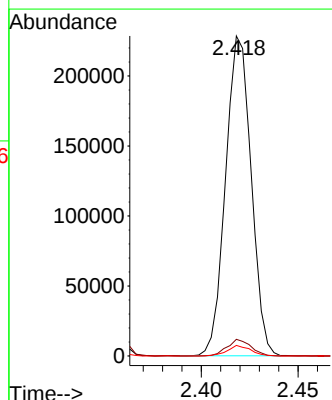
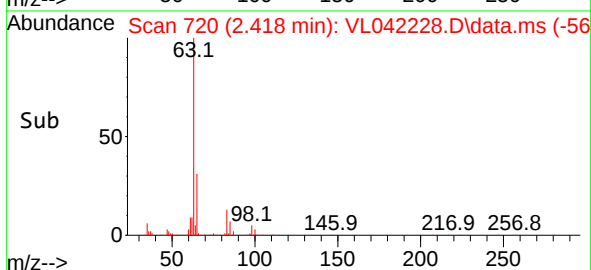
Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

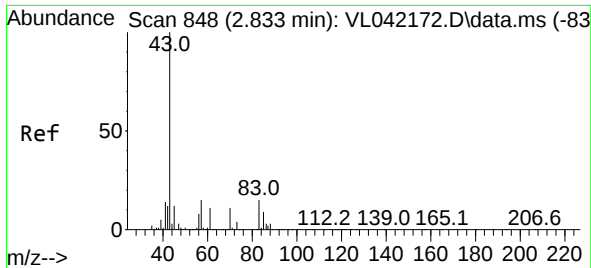


#24
 1,1-Dichloroethane
 Concen: 9.328 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31



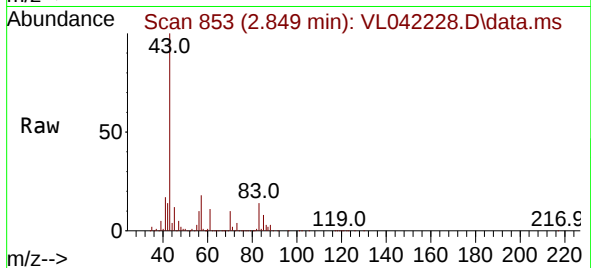
Tgt Ion: 63 Resp: 210138
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.3 6.8
 100 3.3 1.6 4.7





#25
Ethyl Acetate
Concen: 9.143 ppbv
RT: 2.849 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

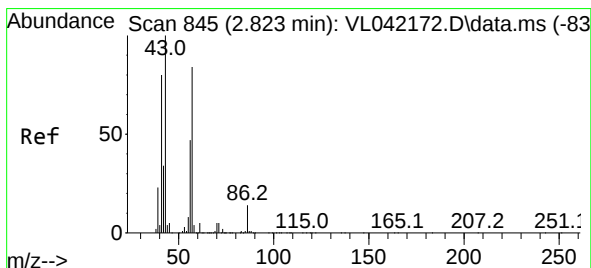
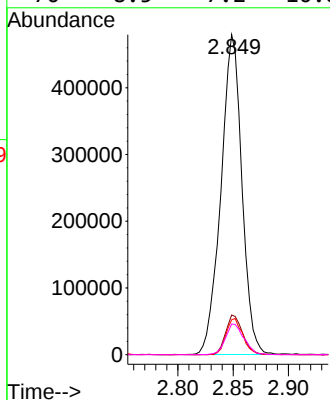
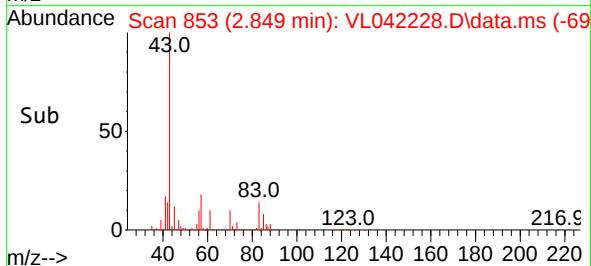
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 632090
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 9.1 7.3 10.9
70 8.5 7.2 10.8

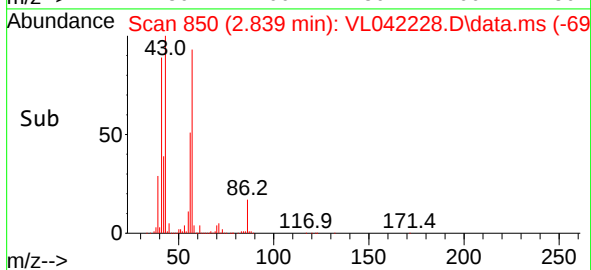
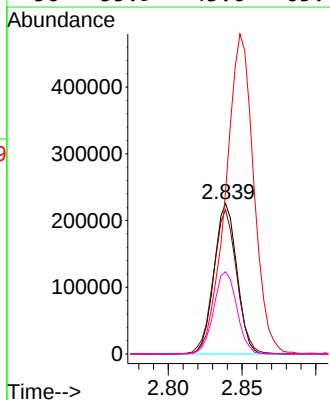
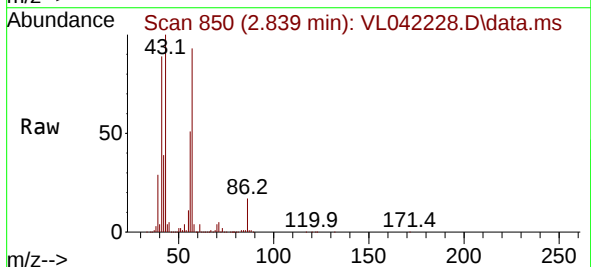
Manual Integrations
APPROVED

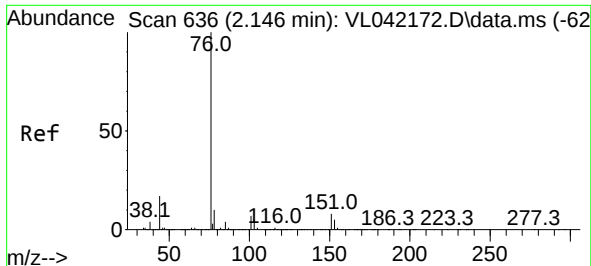
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#26
Hexane
Concen: 9.046 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

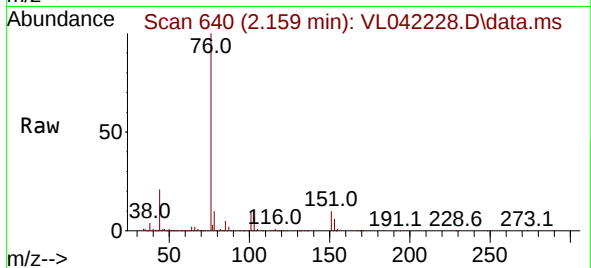
Tgt Ion: 57 Resp: 241568
Ion Ratio Lower Upper
57 100
41 98.7 76.6 114.8
43 263.3 207.8 311.8
56 55.9 43.6 65.4





#27
Carbon Disulfide
Concen: 9.155 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.013 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

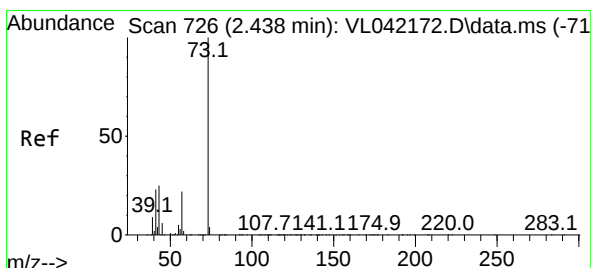
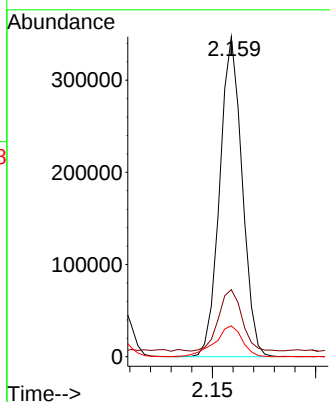
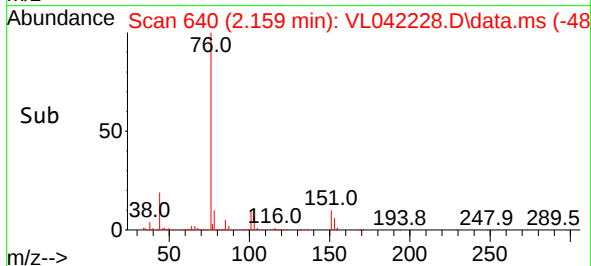
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



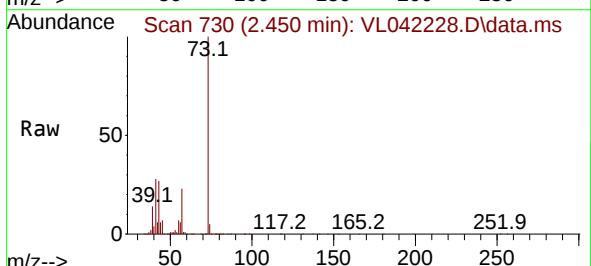
Tgt Ion: 76 Resp: 262150
Ion Ratio Lower Upper
76 100
44 21.2 14.7 22.1
78 11.8 9.3 13.9

Manual Integrations
APPROVED

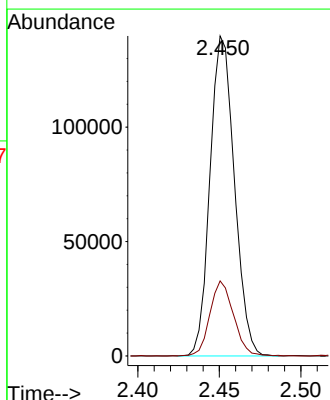
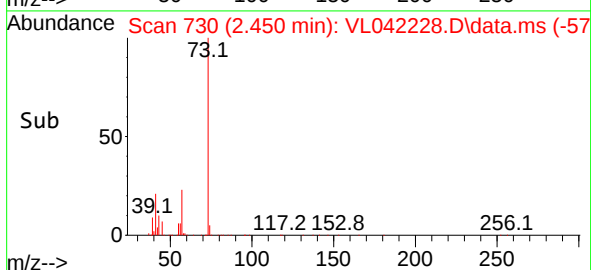
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

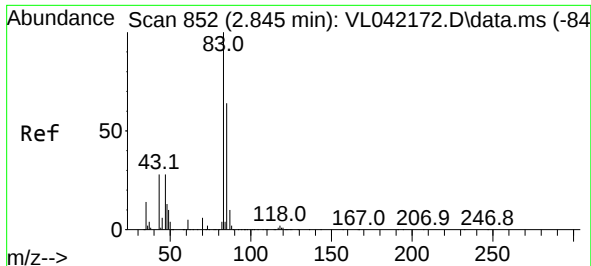


#28
Methyl tert-Butyl Ether
Concen: 8.740 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.013 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



Tgt Ion: 73 Resp: 145310
Ion Ratio Lower Upper
73 100
57 22.7 20.5 30.7





#29

Chloroform

Concen: 10.178 ppbv

RT: 2.862 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 397772

Ion Ratio Lower Upper

83 100

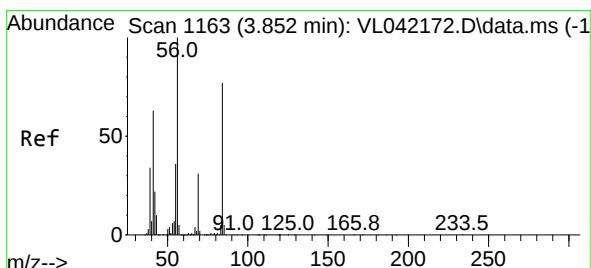
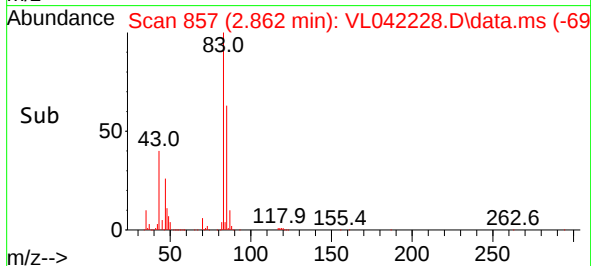
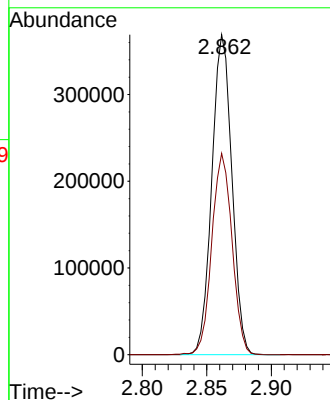
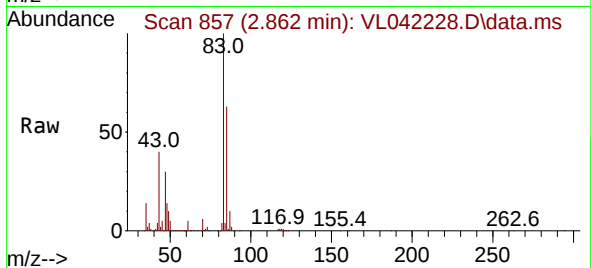
85 62.9 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#30

Cyclohexane

Concen: 8.816 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.023 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

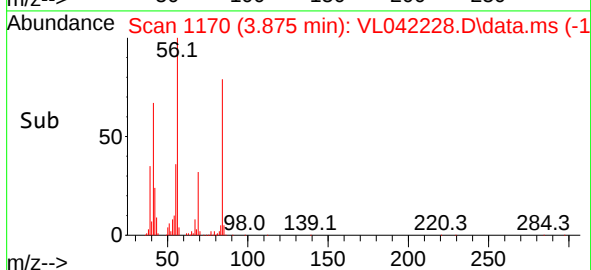
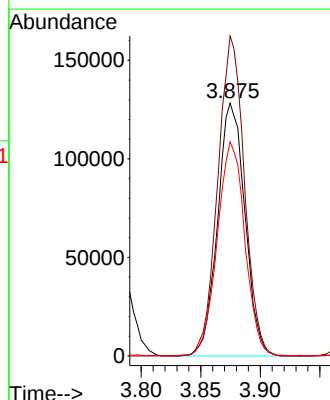
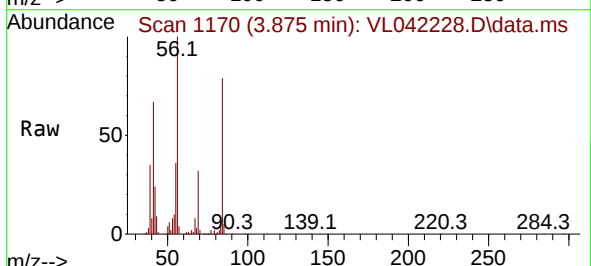
Tgt Ion: 84 Resp: 204416

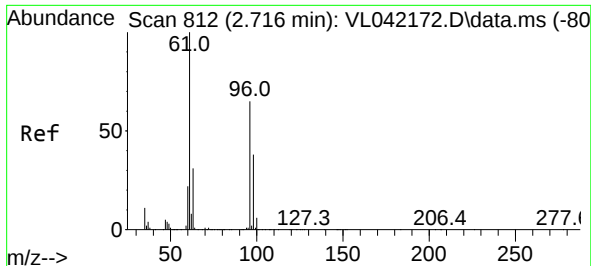
Ion Ratio Lower Upper

84 100

56 123.0 102.8 154.2

41 85.6 66.5 99.7





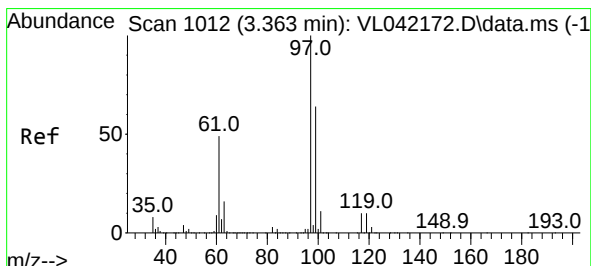
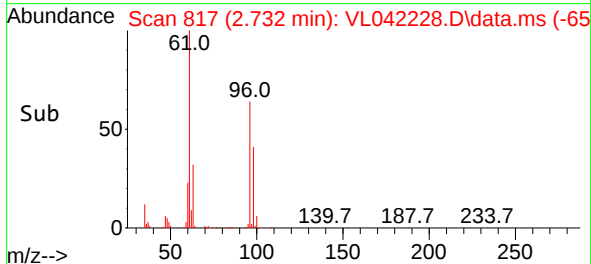
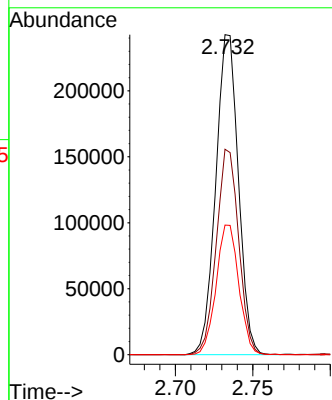
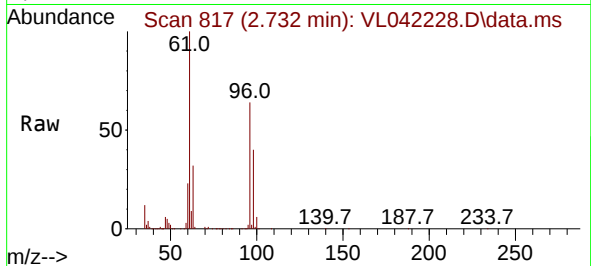
#31
 cis-1,2-Dichloroethene
 Concen: 9.085 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 246300
 Ion Ratio Lower Upper
 61 100
 96 64.2 51.8 77.8
 98 40.5 30.6 46.0

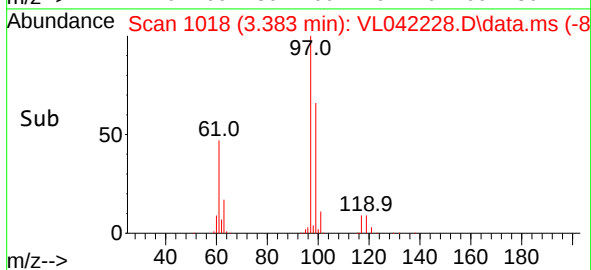
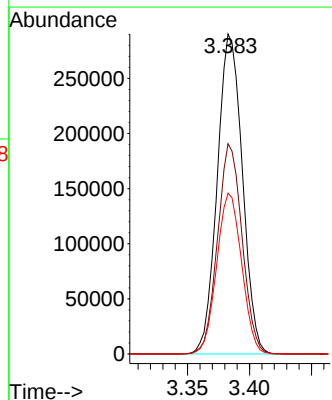
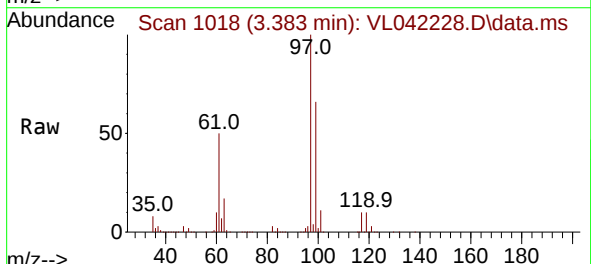
Manual Integrations
 APPROVED

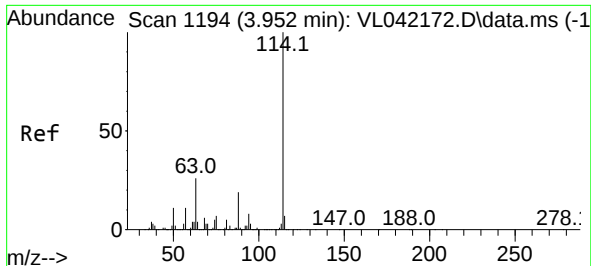
Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 9.162 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.019 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion: 97 Resp: 409916
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.5 77.3
 61 50.0 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 1194

Delta R.T. 0.026 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 513778

Ion Ratio Lower Upper

114 100

63 25.9 20.7 31.1

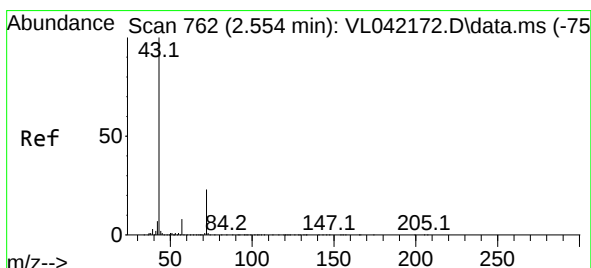
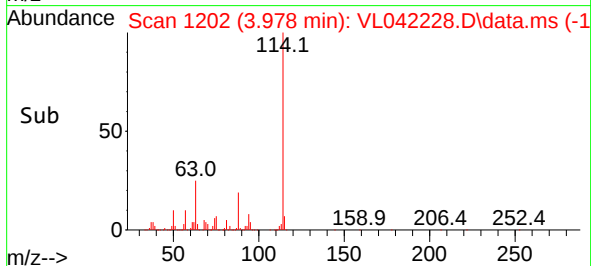
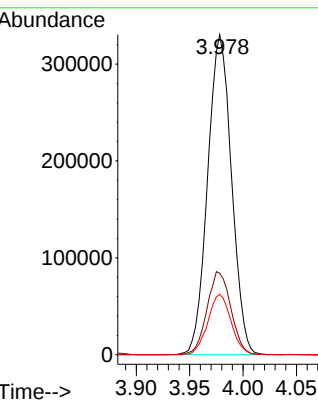
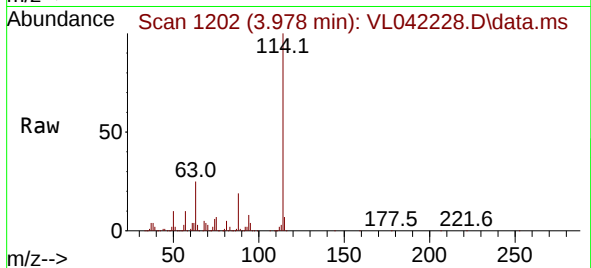
88 18.4 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#34

2-Butanone

Concen: 9.632 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.016 min

Lab File: VL042228.D

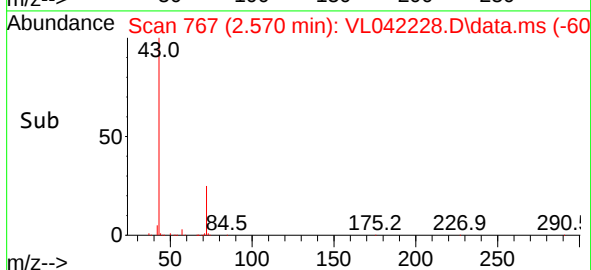
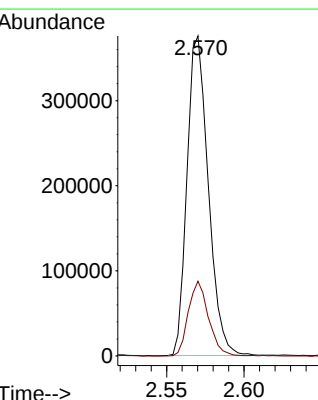
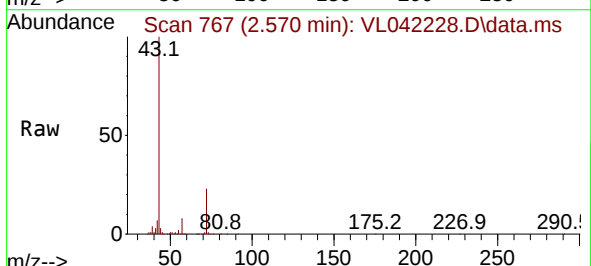
Acq: 07 Apr 2025 09:31

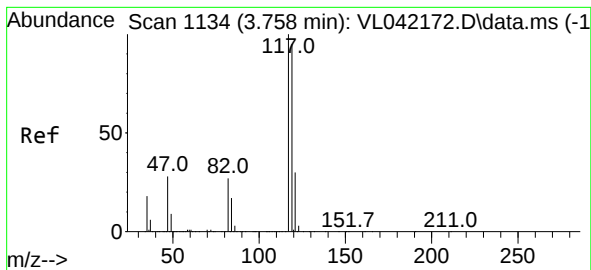
Tgt Ion: 43 Resp: 358832

Ion Ratio Lower Upper

43 100

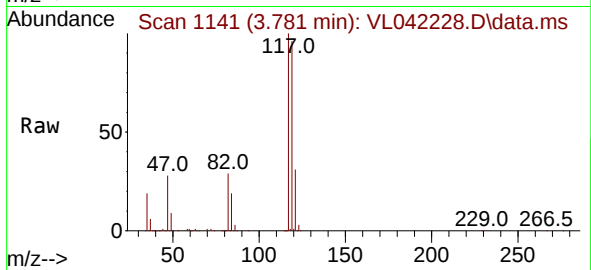
72 22.3 18.2 27.2





#35
Carbon Tetrachloride
Concen: 10.613 ppbv
RT: 3.781 min Scan# 111
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

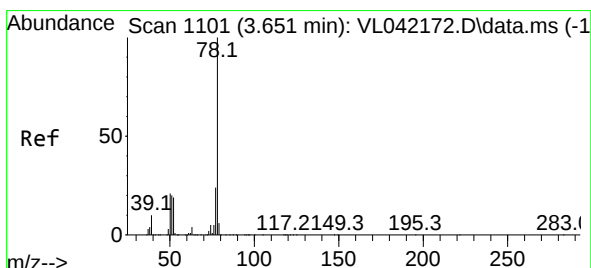
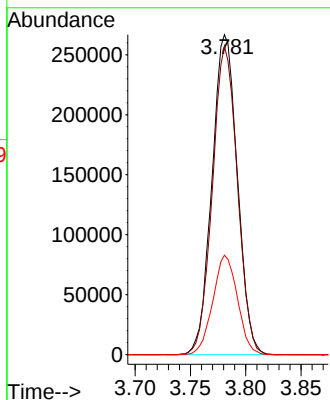
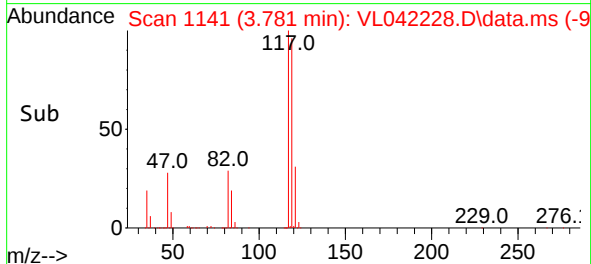
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



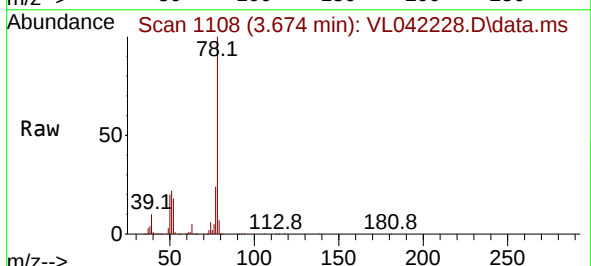
Tgt Ion:117 Resp: 425964
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2
121 31.1 24.2 36.4

Manual Integrations
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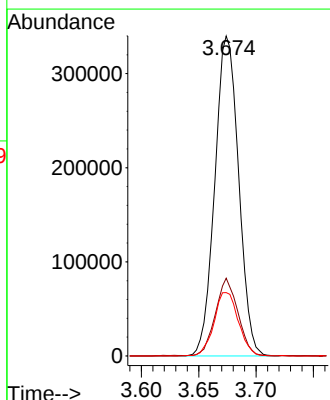
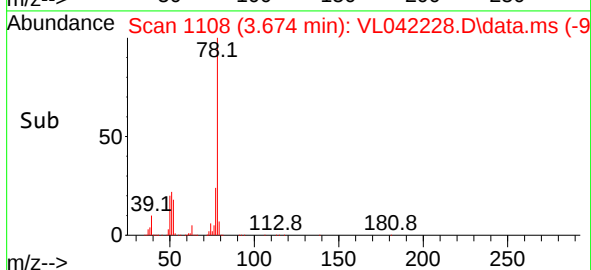
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

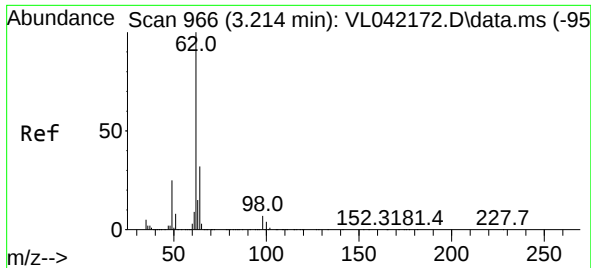


#36
Benzene
Concen: 9.636 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



Tgt Ion: 78 Resp: 490813
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
50 19.8 16.6 24.8





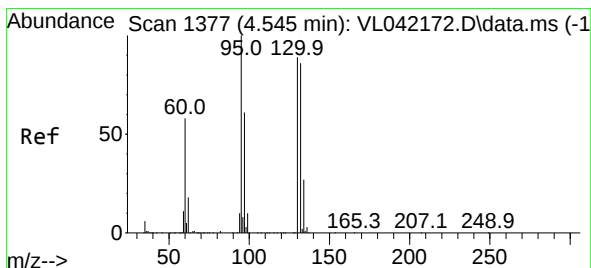
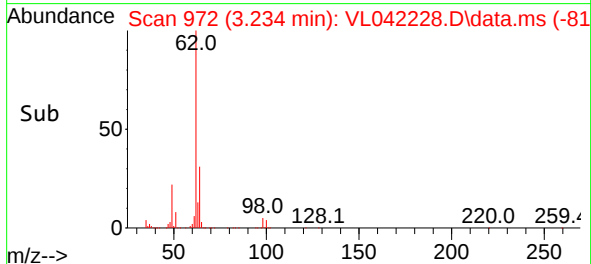
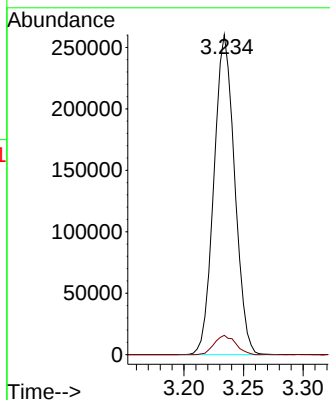
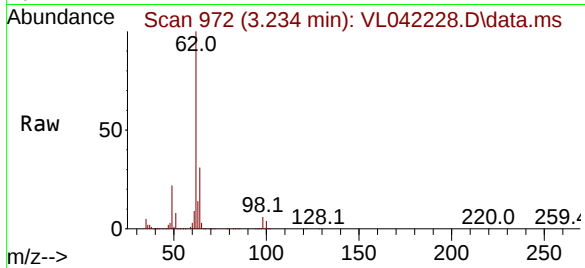
#37
1,2-Dichloroethane
Concen: 10.772 ppbv
RT: 3.234 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 31412
Ion Ratio Lower Upper
62 100
98 6.2 5.4 8.2

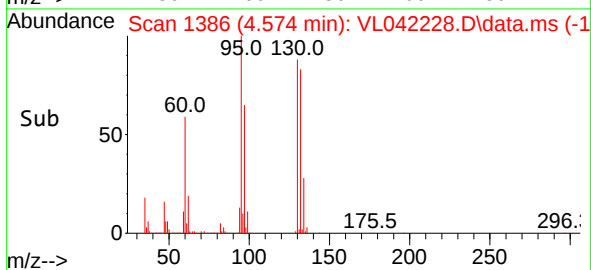
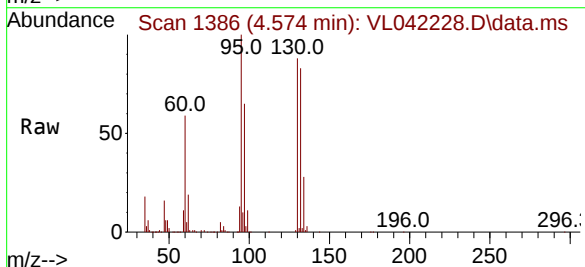
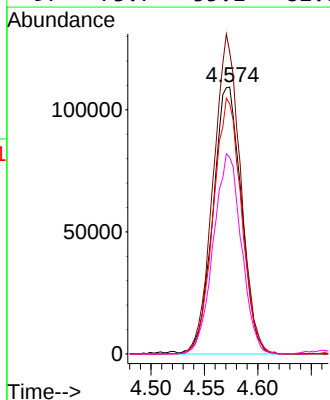
Manual Integrations
APPROVED

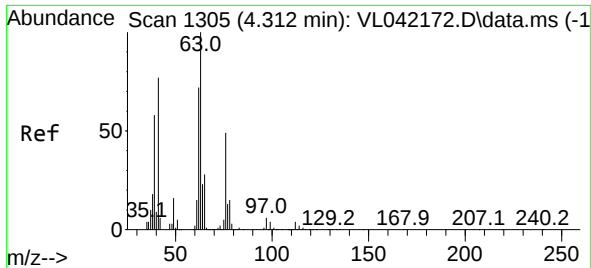
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#38
Trichloroethene
Concen: 9.512 ppbv
RT: 4.574 min Scan# 1386
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

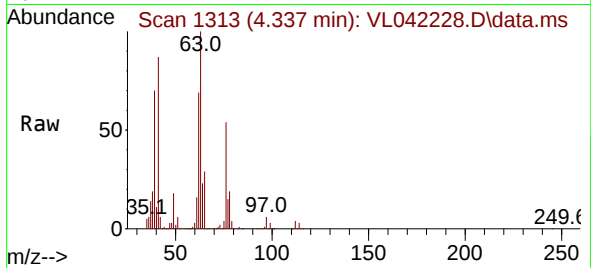
Tgt Ion:130 Resp: 202154
Ion Ratio Lower Upper
130 100
95 113.0 89.8 134.8
132 93.7 77.4 116.2
97 73.7 55.1 82.7





#39
 1,2-Dichloropropane
 Concen: 9.472 ppbv
 RT: 4.337 min Scan# 11
 Delta R.T. 0.026 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

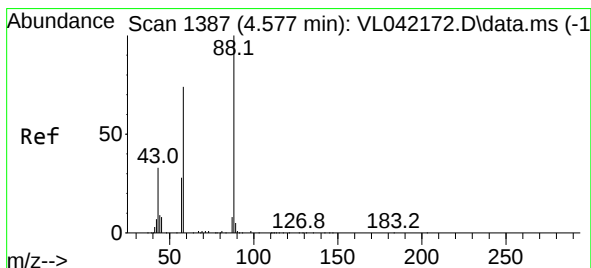
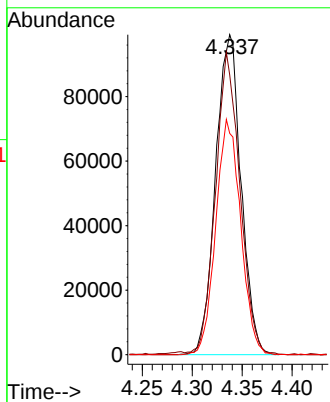
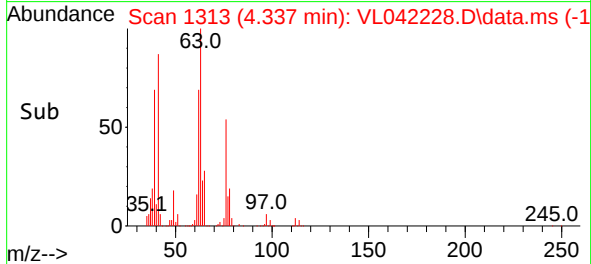
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 63 Resp: 175704
 Ion Ratio Lower Upper
 63 100
 41 87.2 61.7 92.5
 62 69.1 57.6 86.4

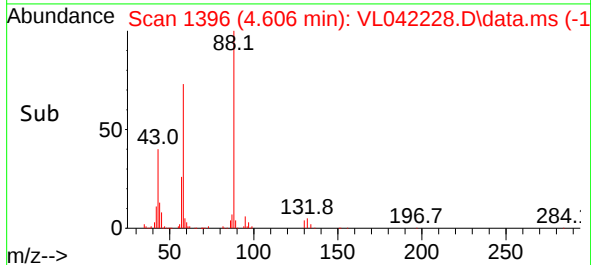
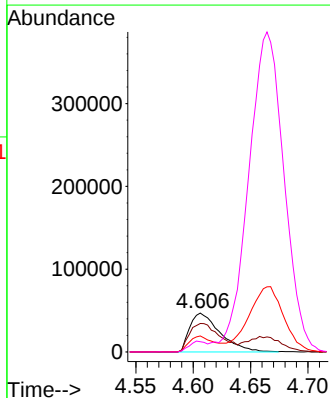
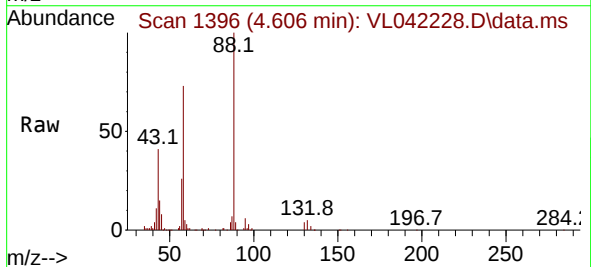
Manual Integrations
 APPROVED

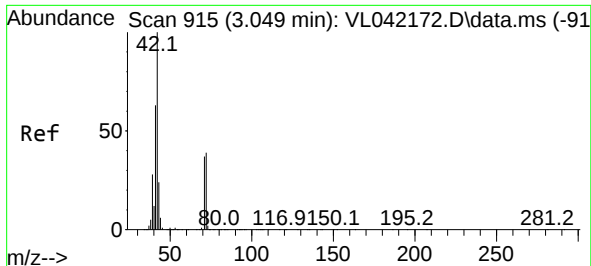
Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025



#40
 1,4-Dioxane
 Concen: 8.803 ppbv
 RT: 4.606 min Scan# 1396
 Delta R.T. 0.029 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

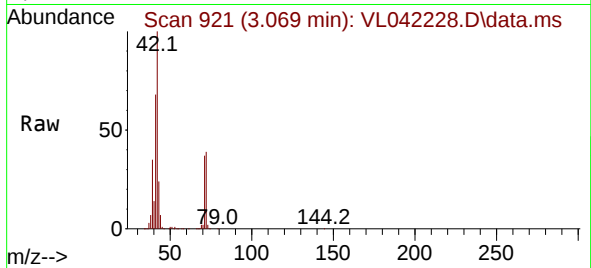
Tgt Ion: 88 Resp: 86664
 Ion Ratio Lower Upper
 88 100
 58 74.4 62.7 94.1
 43 37.1 23.0 34.4#
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.290 ppbv
RT: 3.069 min Scan# 915
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

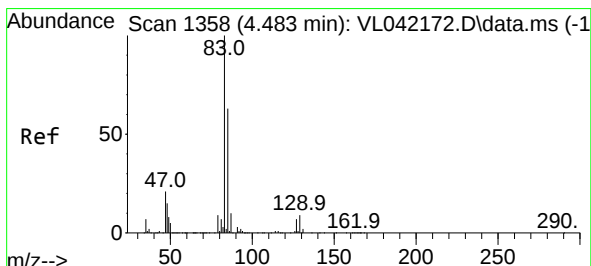
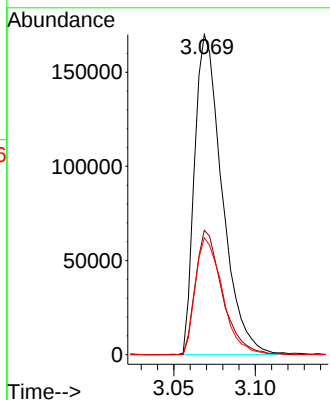
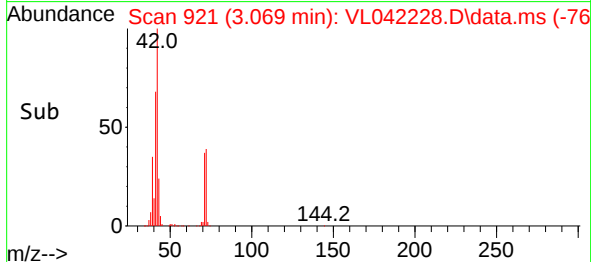
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



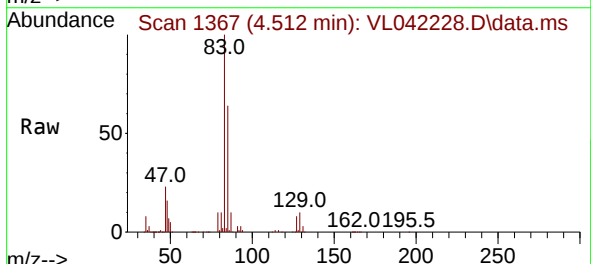
Tgt Ion: 42 Resp: 199311
Ion Ratio Lower Upper
42 100
72 38.0 31.4 47.0
71 36.1 30.2 45.4

Manual Integrations
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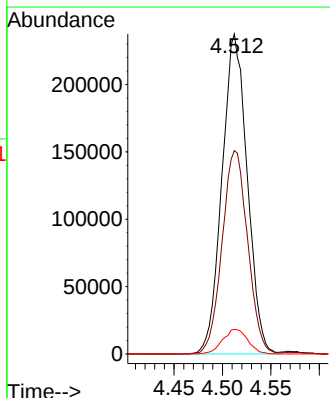
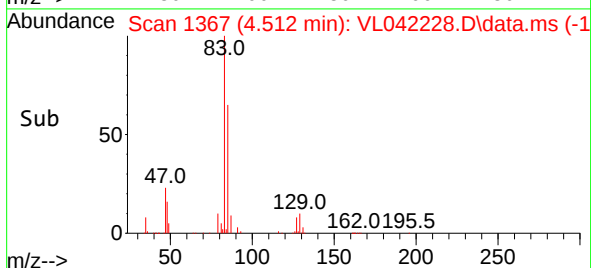
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

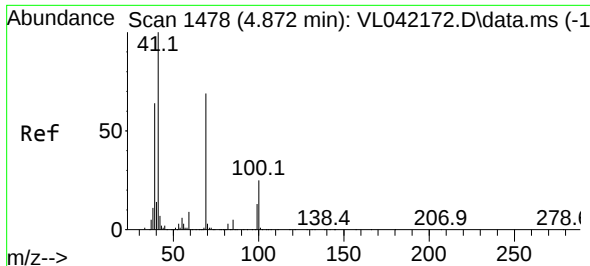


#42
Bromodichloromethane
Concen: 10.721 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



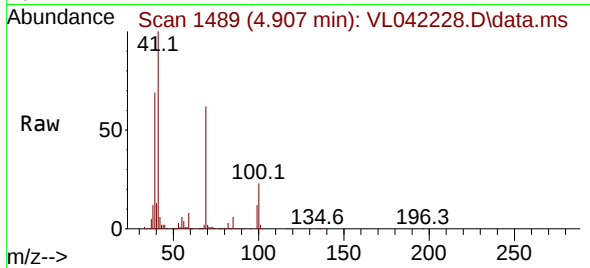
Tgt Ion: 83 Resp: 430997
Ion Ratio Lower Upper
83 100
85 63.6 50.5 75.7
127 7.7 5.9 8.9





#43
Methyl Methacrylate
Concen: 8.605 ppbv
RT: 4.907 min Scan# 1414
Delta R.T. 0.035 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

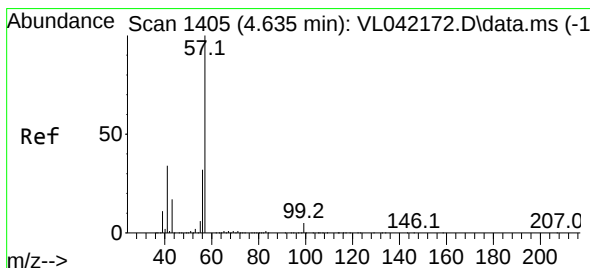
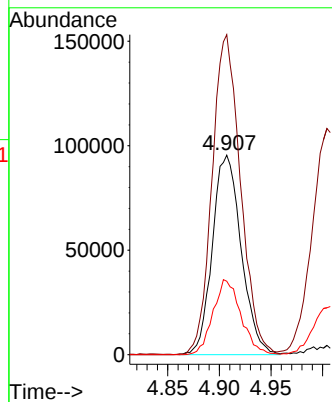
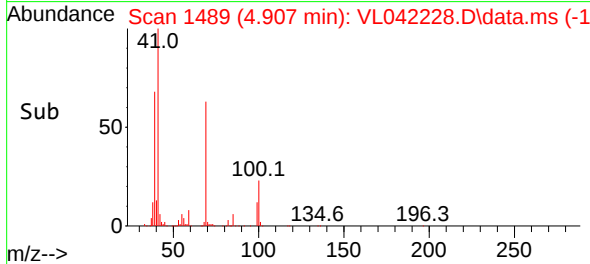
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



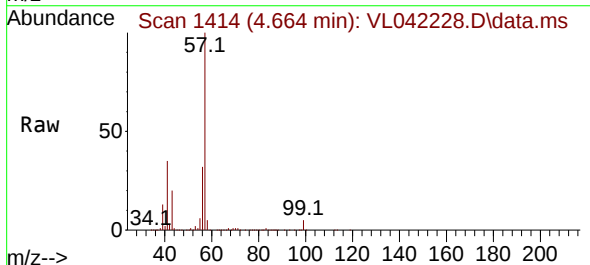
Tgt Ion: 69 Resp: 185549
Ion Ratio Lower Upper
69 100
41 157.6 123.8 185.6
100 36.4 28.4 42.6

Manual Integrations
APPROVED

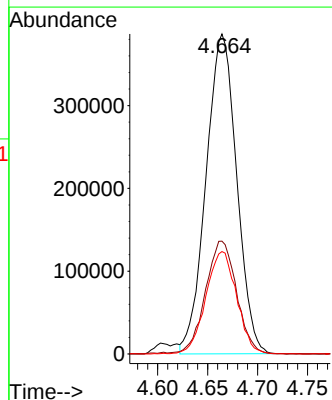
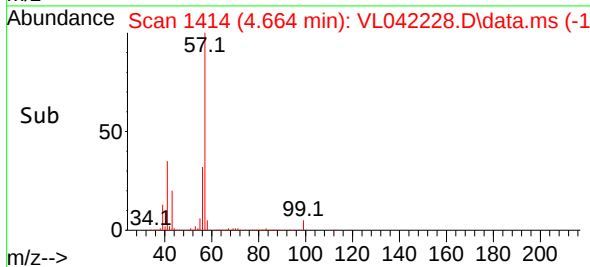
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

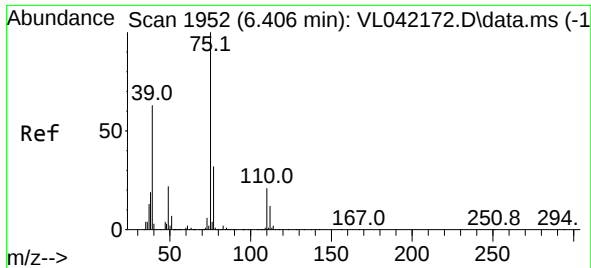


#44
2,2,4-Trimethylpentane
Concen: 9.584 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



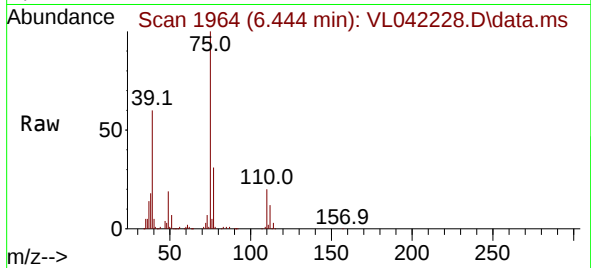
Tgt Ion: 57 Resp: 824962
Ion Ratio Lower Upper
57 100
41 36.1 26.8 40.2
56 32.3 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 8.718 ppbv
RT: 6.444 min Scan# 1952
Delta R.T. 0.039 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

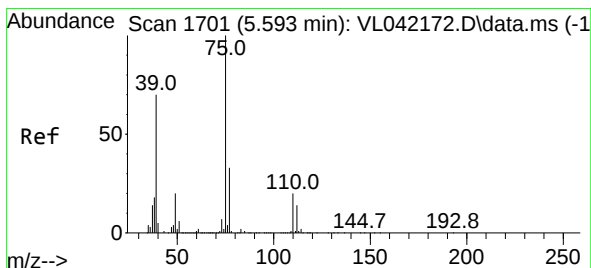
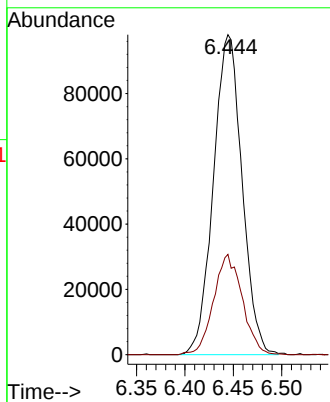
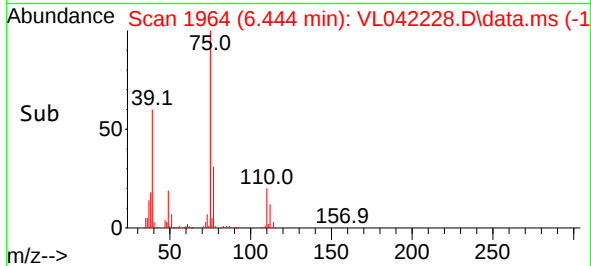
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 201670
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0

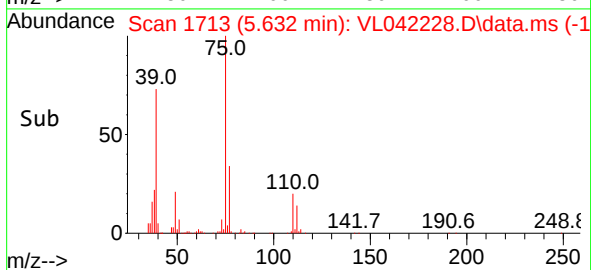
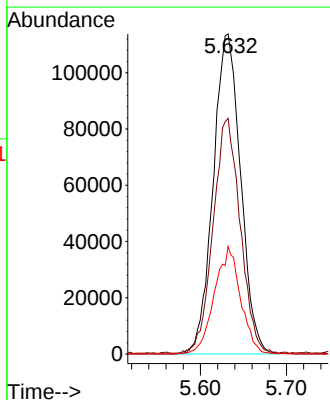
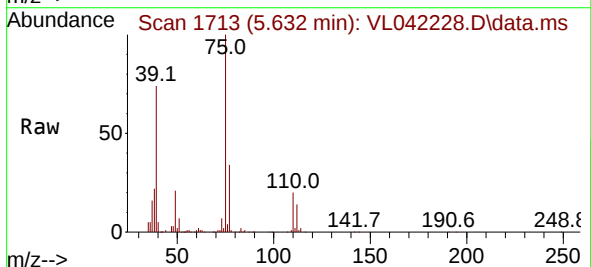
Manual Integrations
APPROVED

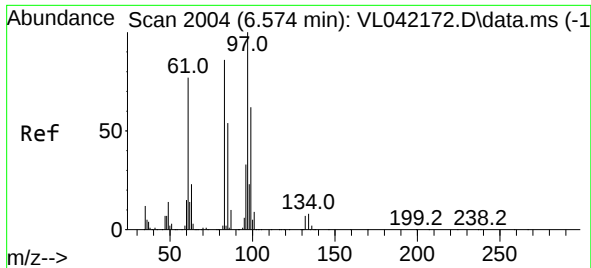
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#46
cis-1,3-Dichloropropene
Concen: 8.888 ppbv
RT: 5.632 min Scan# 1713
Delta R.T. 0.039 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

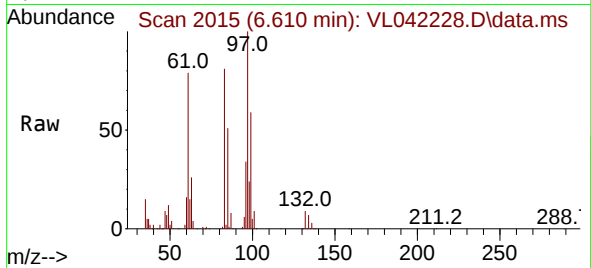
Tgt Ion: 75 Resp: 252032
Ion Ratio Lower Upper
75 100
39 73.3 55.8 83.6
77 33.4 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 10.239 ppbv
RT: 6.610 min Scan# 2004
Delta R.T. 0.035 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

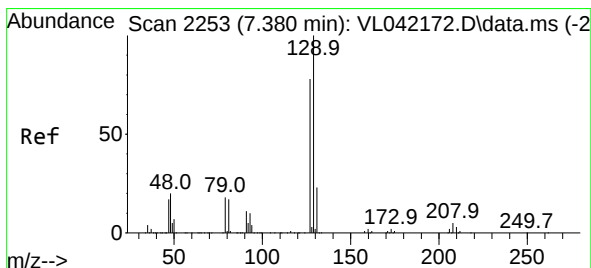
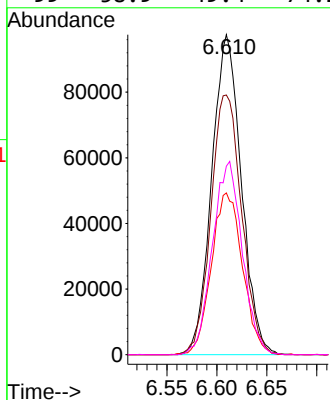
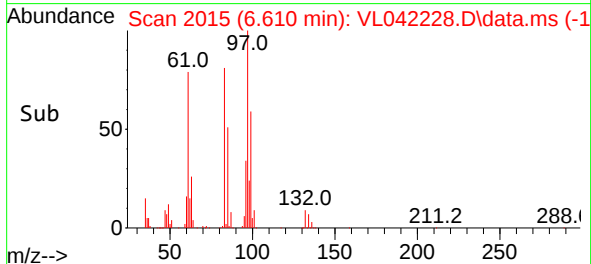
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 200780
Ion Ratio Lower Upper
97 100
83 81.0 69.2 103.8
85 50.4 43.1 64.7
99 58.9 49.4 74.2

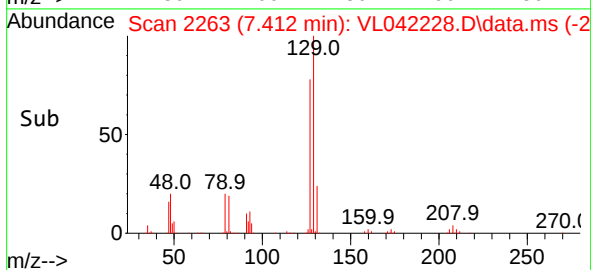
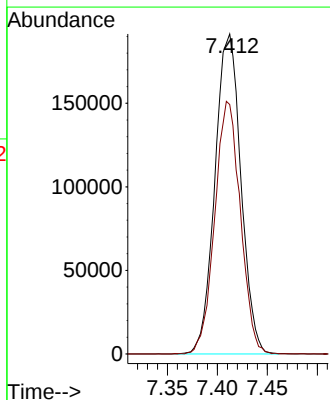
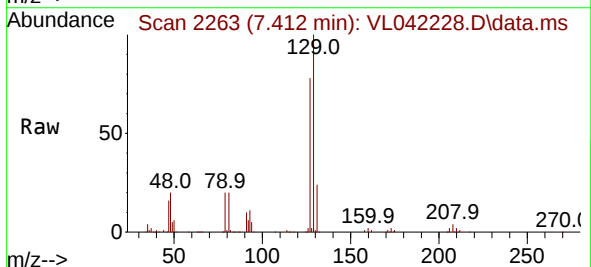
Manual Integrations
APPROVED

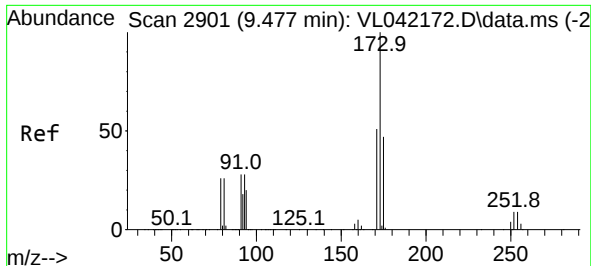
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#48
Dibromochloromethane
Concen: 10.438 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.032 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

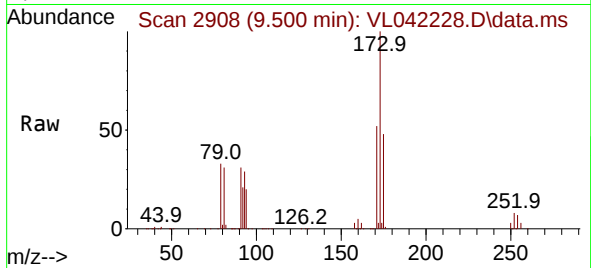
Tgt Ion:129 Resp: 346881
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#49
Bromoform
Concen: 9.932 ppbv
RT: 9.500 min Scan# 2901
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

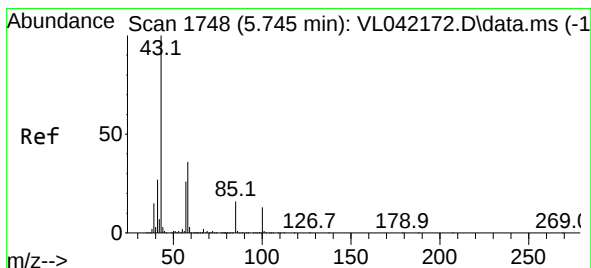
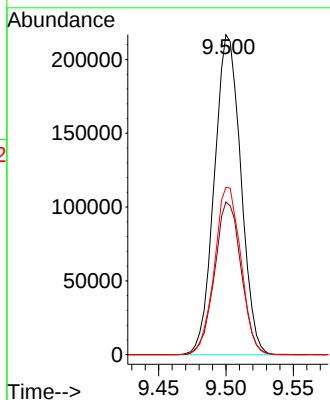
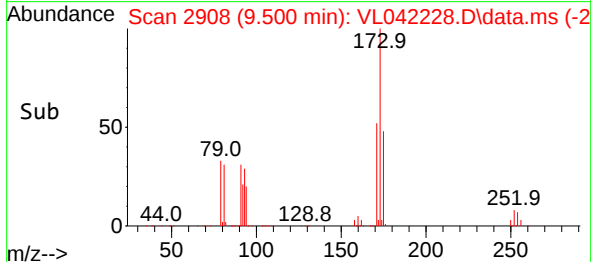
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



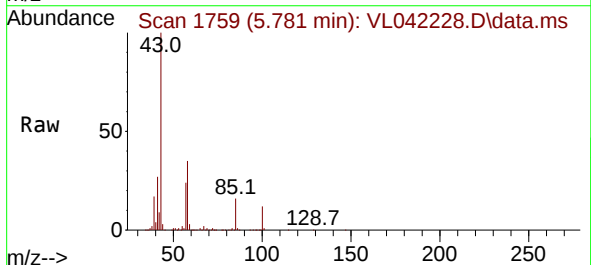
Tgt Ion: 173 Resp: 296338
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
171 52.2 41.8 62.6

Manual Integrations
APPROVED

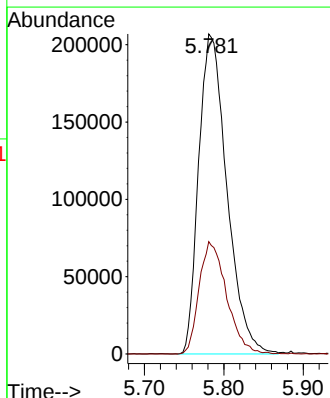
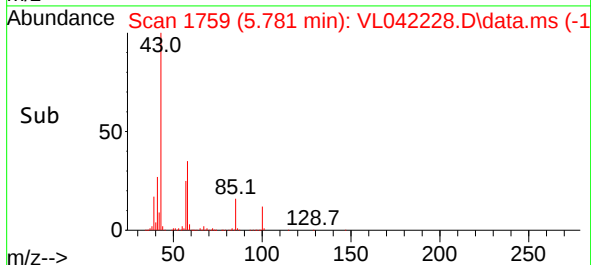
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

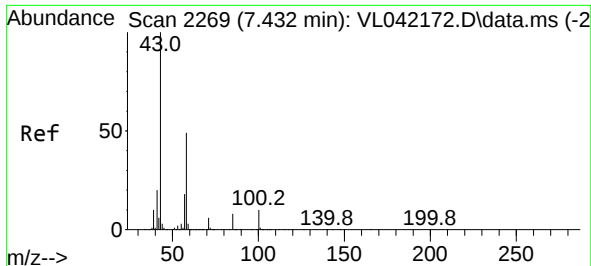


#50
4-Methyl-2-Pentanone
Concen: 8.665 ppbv
RT: 5.781 min Scan# 1759
Delta R.T. 0.036 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



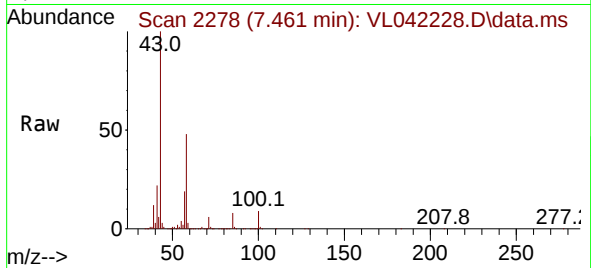
Tgt Ion: 43 Resp: 511581
Ion Ratio Lower Upper
43 100
58 34.2 29.0 43.6





#51
2-Hexanone
Concen: 8.501 ppbv
RT: 7.461 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

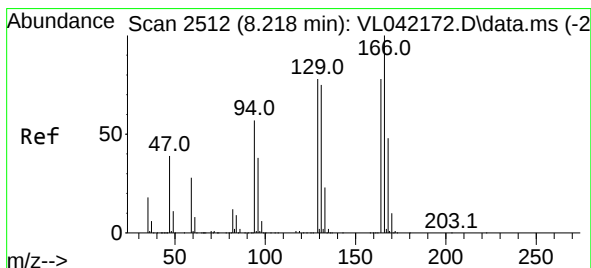
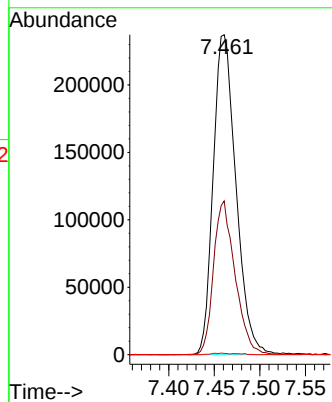
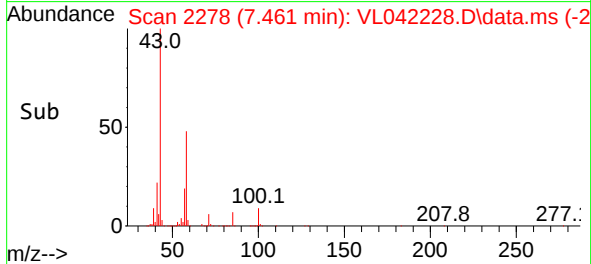
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 41218
Ion Ratio Lower Upper
43 100
58 45.4 39.7 59.5
98 0.5 0.1 0.1

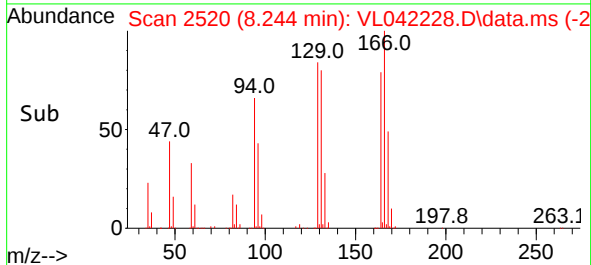
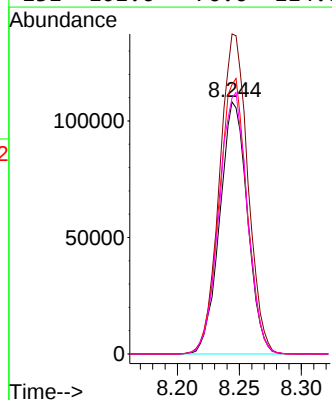
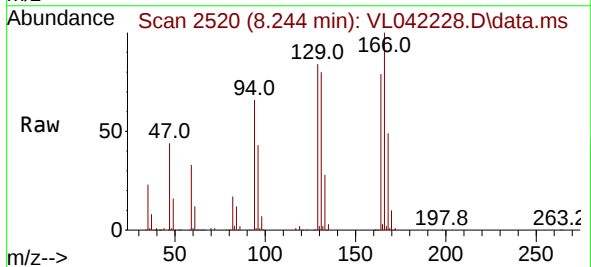
Manual Integrations
APPROVED

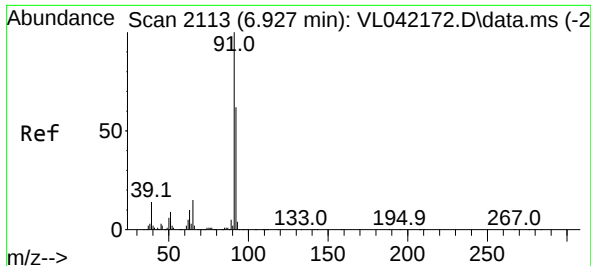
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#52
Tetrachloroethene
Concen: 8.322 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.026 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:164 Resp: 168107
Ion Ratio Lower Upper
164 100
166 127.0 102.5 153.7
129 106.9 79.8 119.8
131 101.6 76.6 114.8





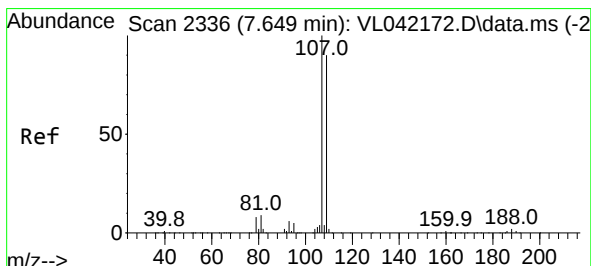
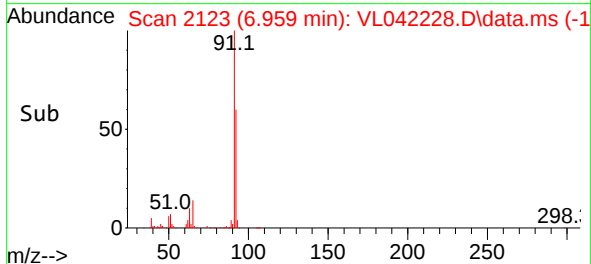
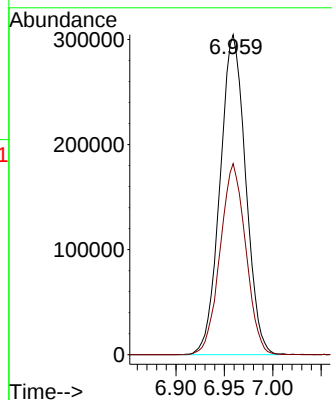
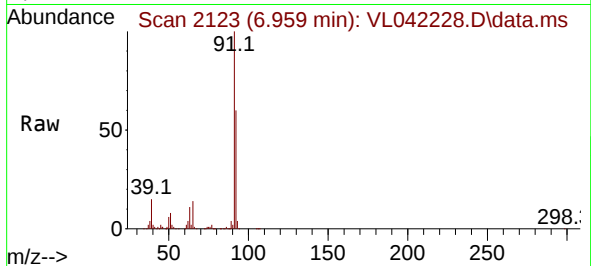
#53
Toluene
Concen: 9.286 ppbv
RT: 6.959 min Scan# 2113
Delta R.T. 0.032 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 56066
Ion Ratio Lower Upper
91 100
92 59.8 48.4 72.6

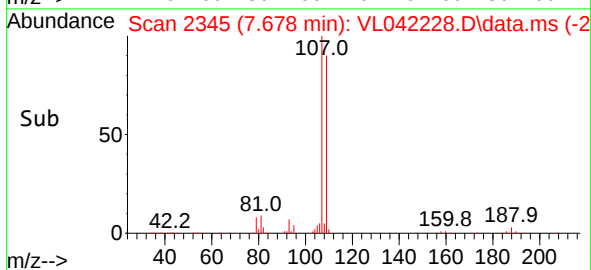
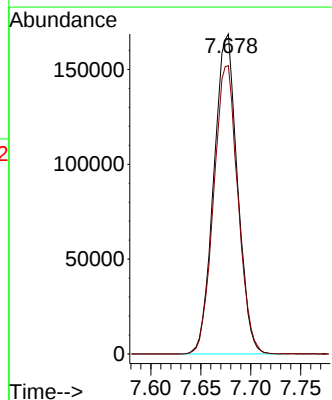
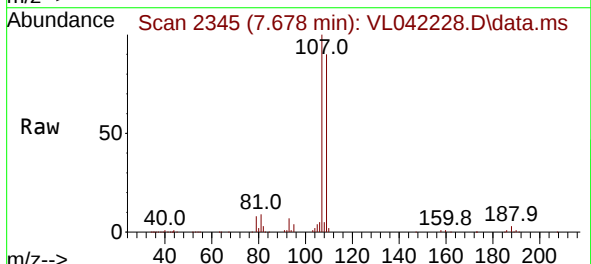
Manual Integrations
APPROVED

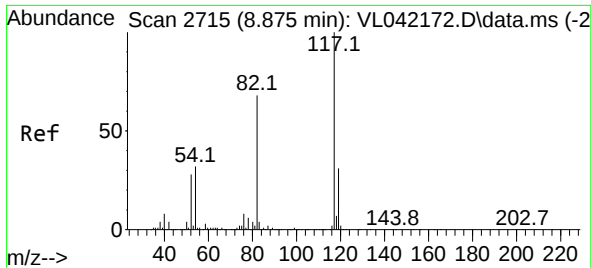
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#54
1,2-Dibromoethane
Concen: 10.154 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

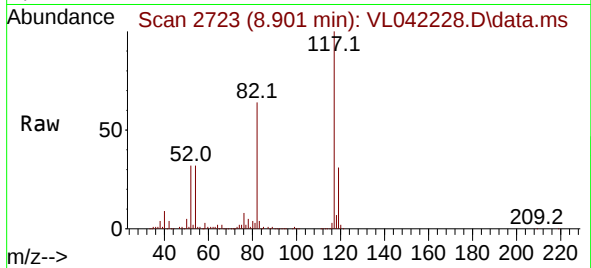
Tgt Ion:107 Resp: 277561
Ion Ratio Lower Upper
107 100
109 90.1 72.2 108.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2715
Delta R.T. 0.026 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

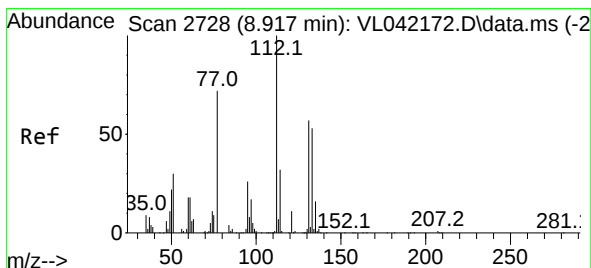
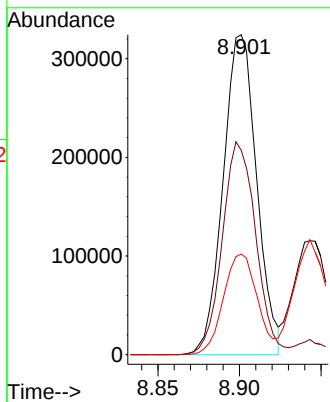
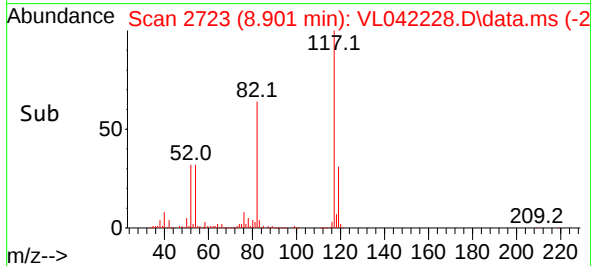
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



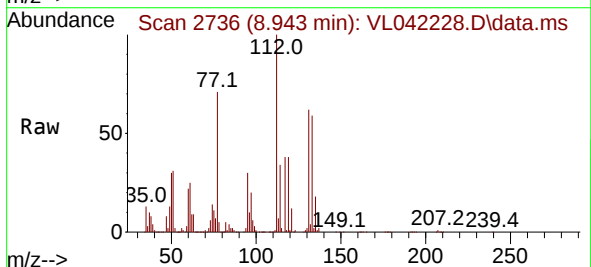
Tgt Ion:117 Resp: 46447
Ion Ratio Lower Upper
117 100
82 70.4 55.8 83.6
119 32.3 25.5 38.3

Manual Integrations
APPROVED

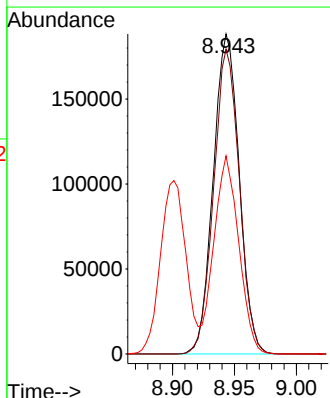
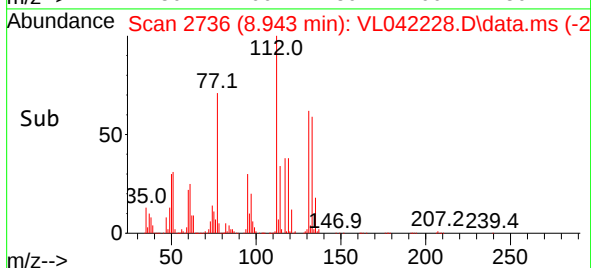
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

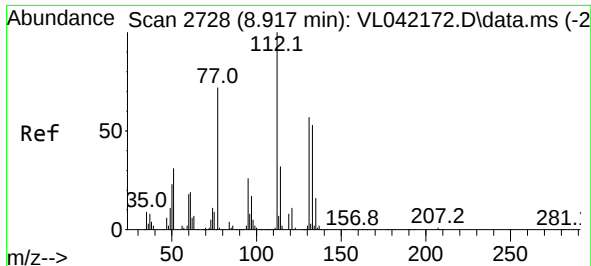


#56
1,1,1,2-Tetrachloroethane
Concen: 10.722 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.026 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



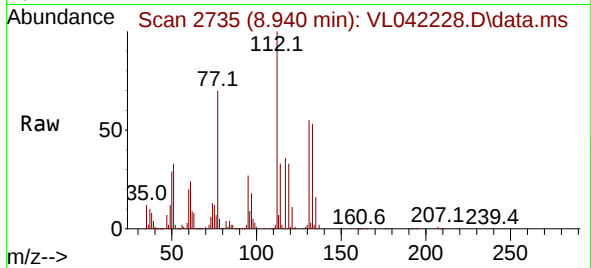
Tgt Ion:131 Resp: 274135
Ion Ratio Lower Upper
131 100
133 94.5 76.6 114.8
119 61.1 49.8 74.6





#57
Chlorobenzene
Concen: 10.368 ppbv
RT: 8.940 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

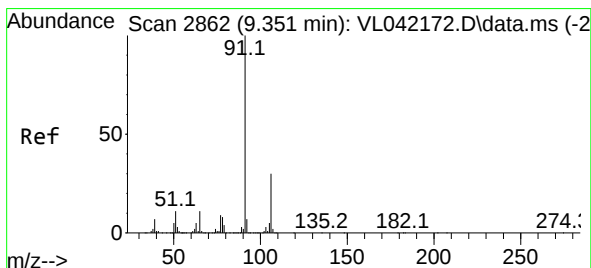
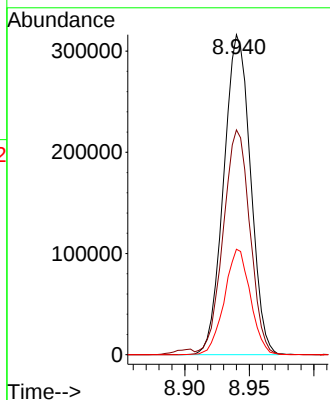
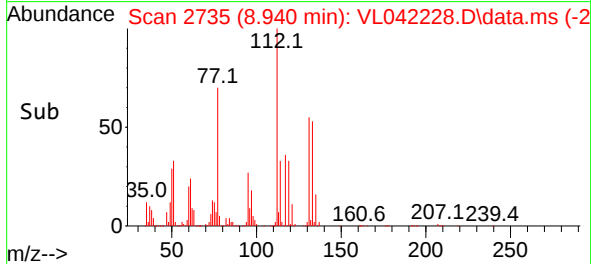
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



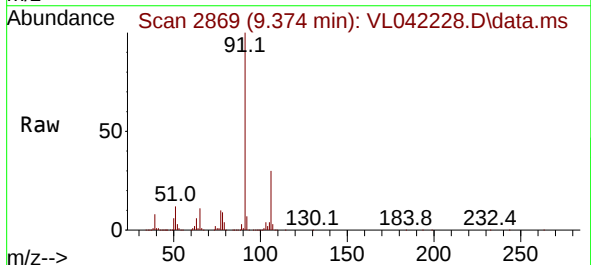
Tgt Ion:112 Resp: 45678
Ion Ratio Lower Upper
112 100
77 69.9 58.2 87.2
114 32.9 29.1 35.5

Manual Integrations
APPROVED

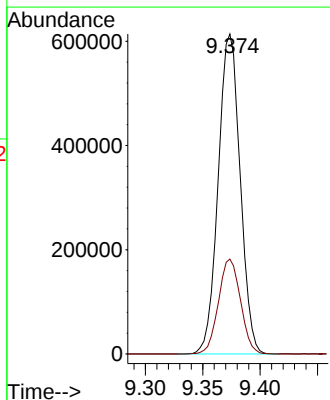
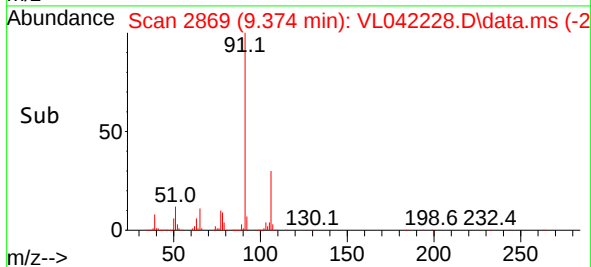
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

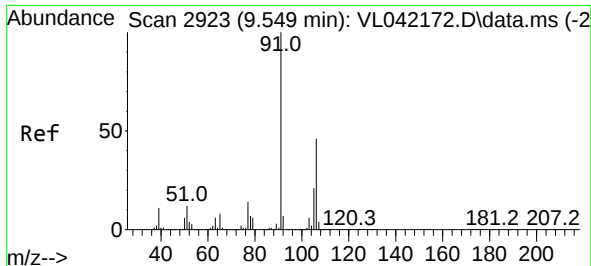


#58
Ethyl Benzene
Concen: 9.888 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



Tgt Ion: 91 Resp: 815771
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2





#59

m/p-Xylene

Concen: 20.698 ppbv m

RT: 9.568 min Scan# 2923

Delta R.T. 0.019 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 136356

Ion Ratio Lower Upper

91 100

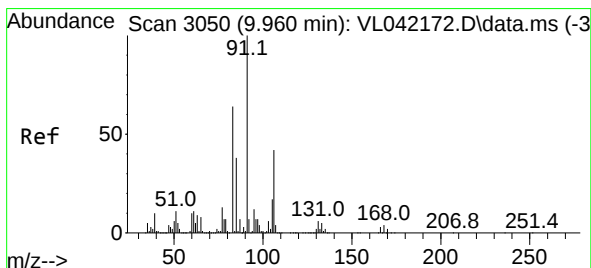
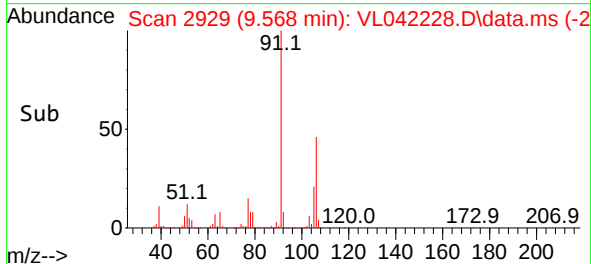
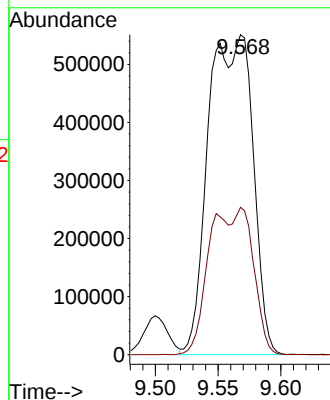
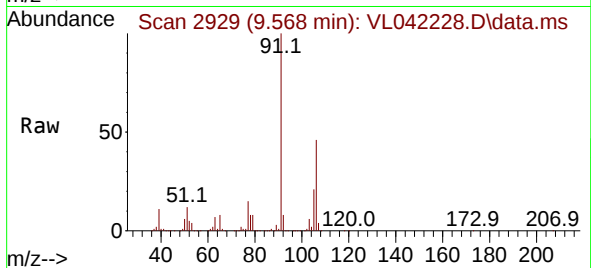
106 45.4 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#60

o-Xylene

Concen: 10.284 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. 0.023 min

Lab File: VL042228.D

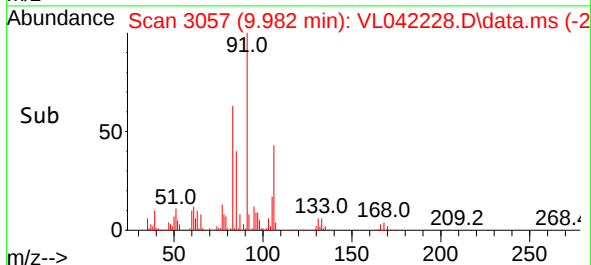
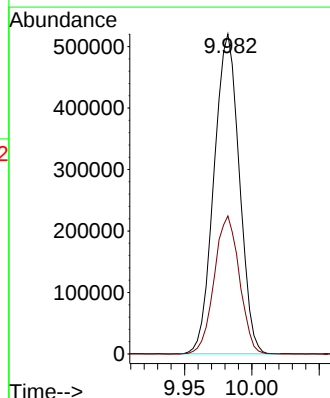
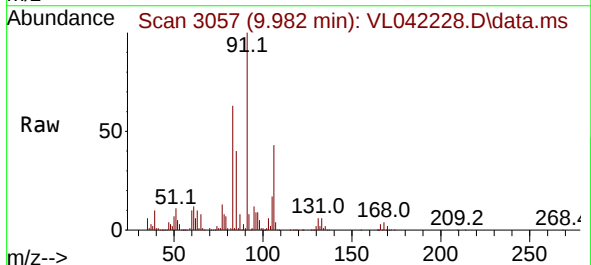
Acq: 07 Apr 2025 09:31

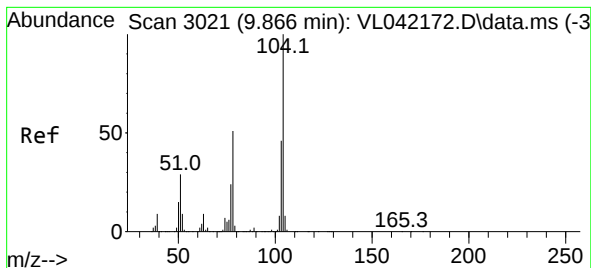
Tgt Ion: 91 Resp: 679193

Ion Ratio Lower Upper

91 100

106 42.9 20.8 62.5





#61

Styrene

Concen: 9.635 ppbv

RT: 9.888 min Scan# 3021

Delta R.T. 0.023 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 314809

Ion Ratio Lower Upper

104 100

78 52.1 41.8 62.6

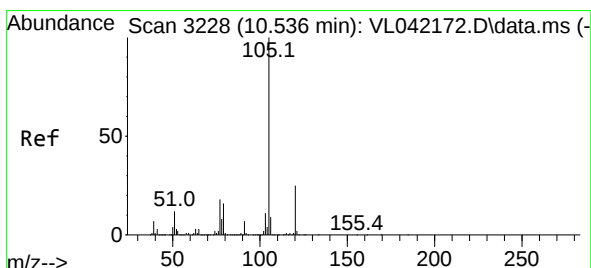
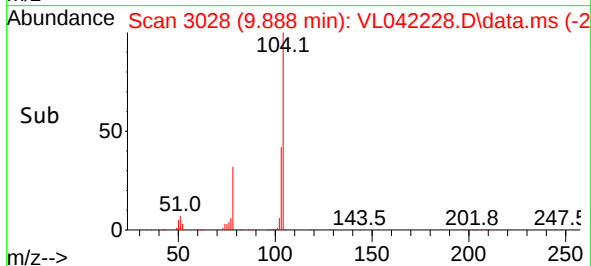
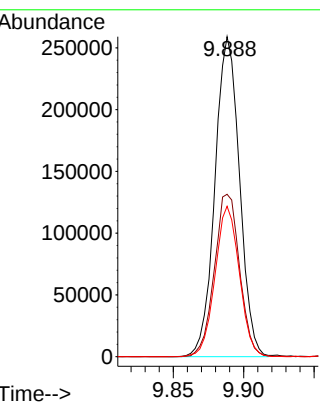
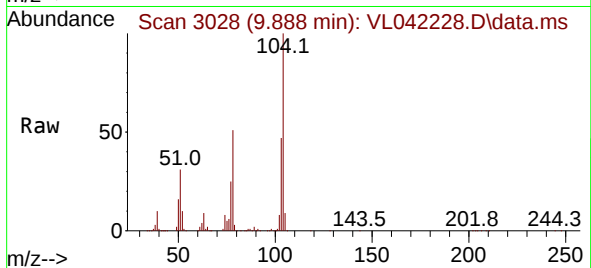
103 46.5 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#62

Isopropylbenzene

Concen: 10.265 ppbv

RT: 10.555 min Scan# 3234

Delta R.T. 0.019 min

Lab File: VL042228.D

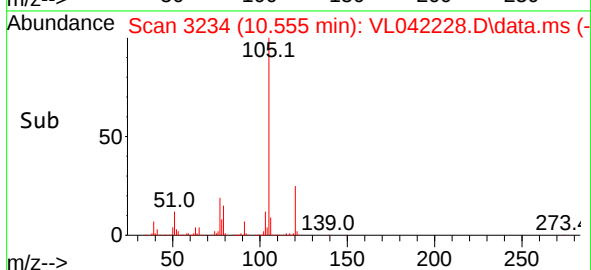
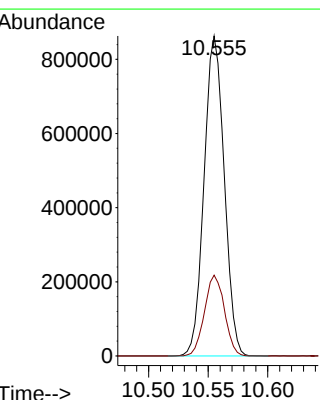
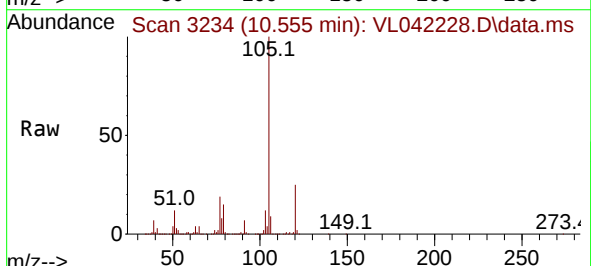
Acq: 07 Apr 2025 09:31

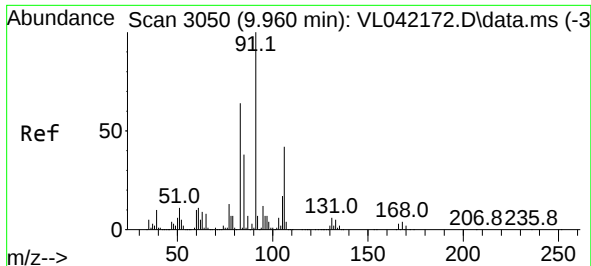
Tgt Ion:105 Resp: 1013803

Ion Ratio Lower Upper

105 100

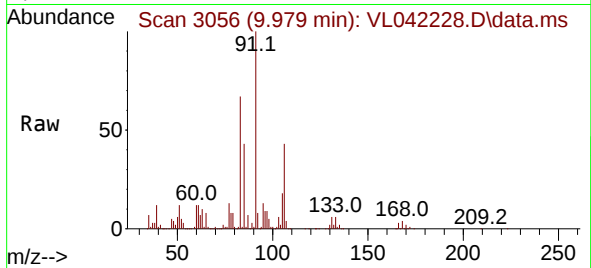
120 25.0 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 10.651 ppbv
RT: 9.979 min Scan# 3050
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

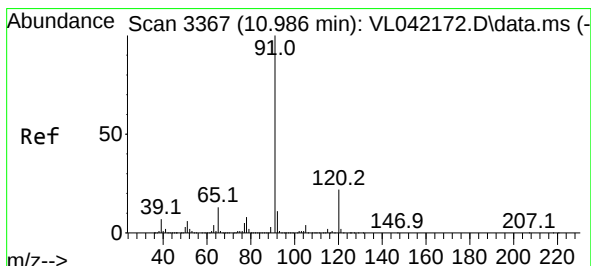
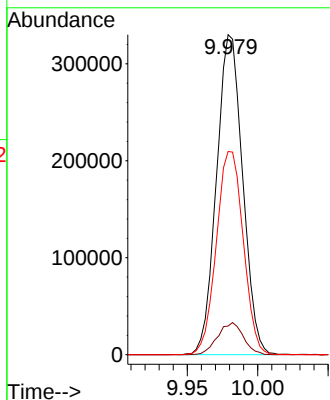
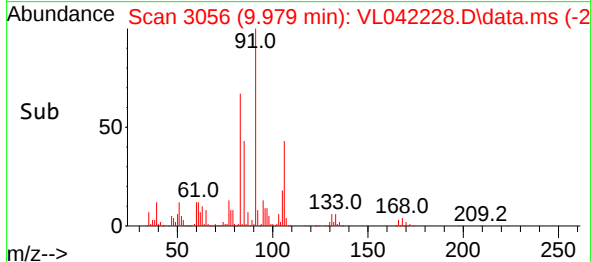
Instrument : MSVOA_1
ClientSampleId : VSTDCCC010



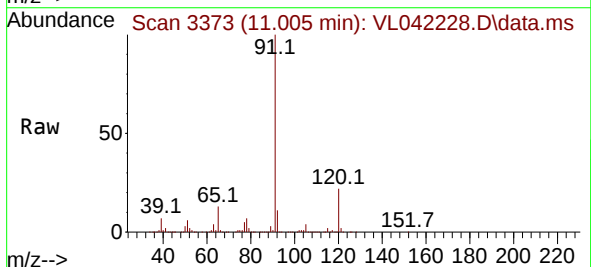
Tgt Ion: 83 Resp: 427404
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 65.3 32.5 97.5

Manual Integrations
APPROVED

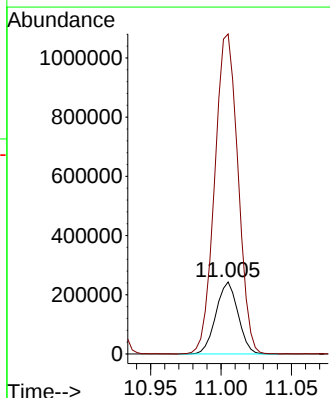
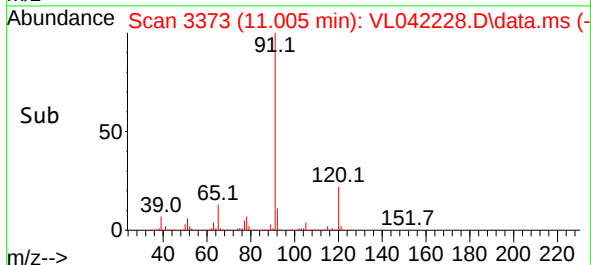
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

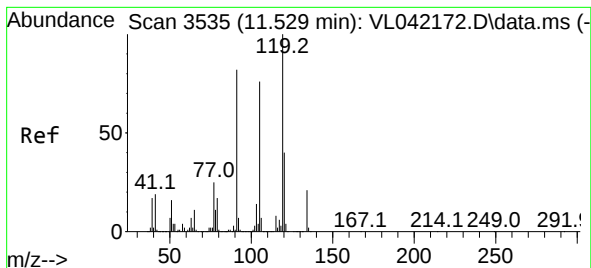


#64
n-propylbenzene
Concen: 10.429 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



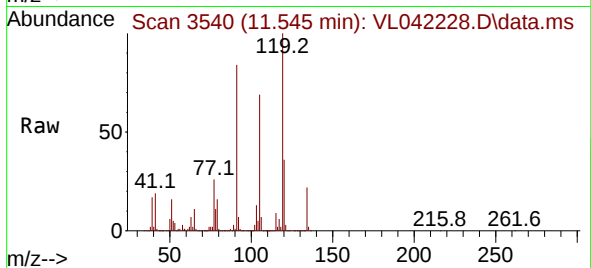
Tgt Ion:120 Resp: 265137
Ion Ratio Lower Upper
120 100
91 469.5 376.9 565.3





#65
tert-Butylbenzene
Concen: 10.171 ppbv
RT: 11.545 min Scan# 3535
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

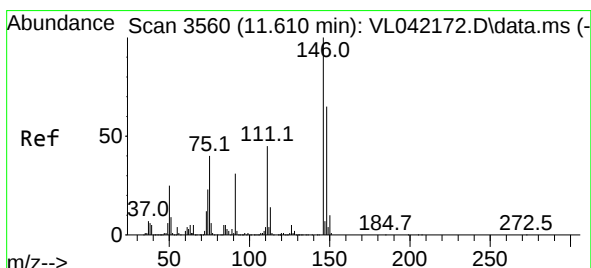
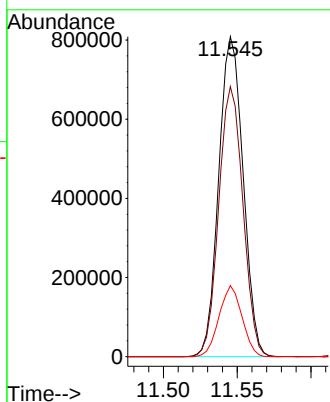
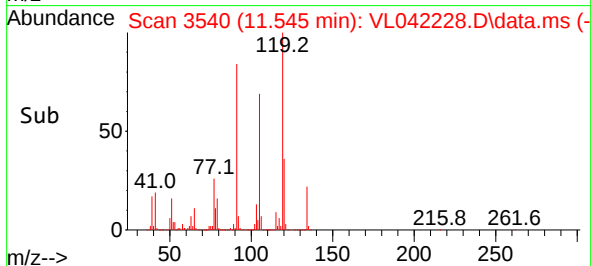
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



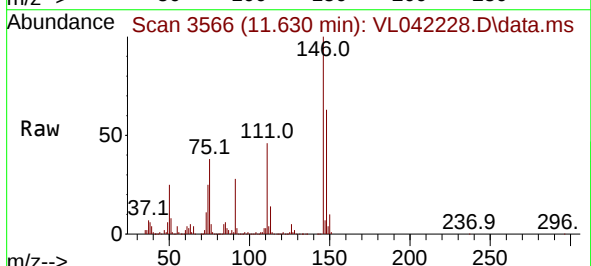
Tgt Ion: 119 Resp: 928989
Ion Ratio Lower Upper
119 100
91 83.8 66.0 99.0
134 20.9 16.7 25.1

Manual Integrations
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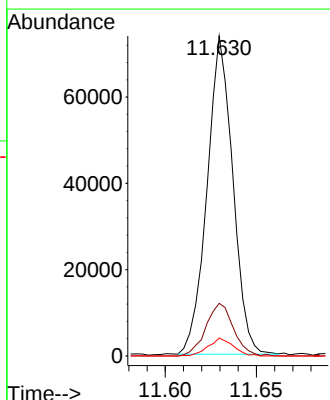
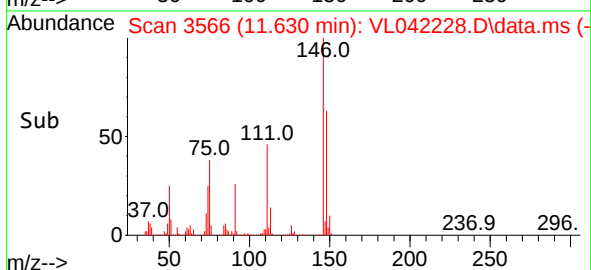
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

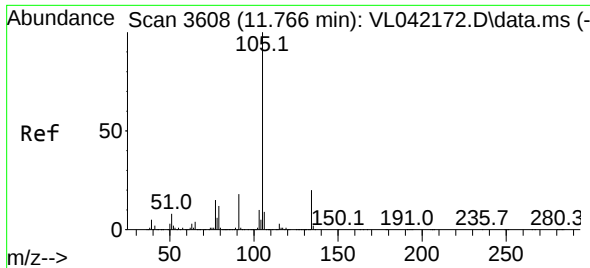


#66
Benzyl Chloride
Concen: 7.452 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



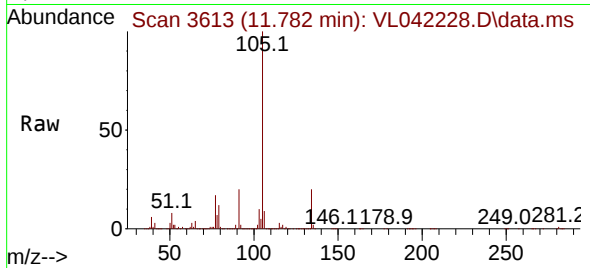
Tgt Ion: 91 Resp: 72224
Ion Ratio Lower Upper
91 100
126 17.8 13.8 20.6
128 5.5 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.229 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. 0.016 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

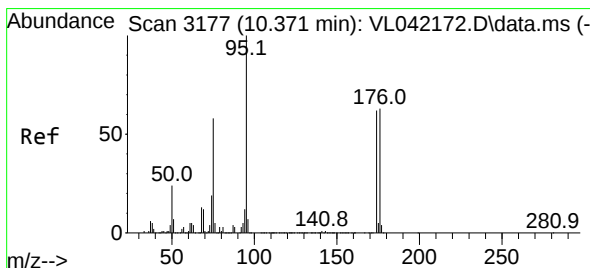
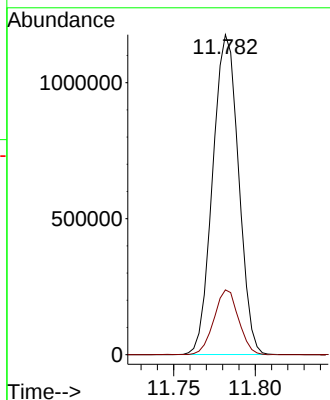
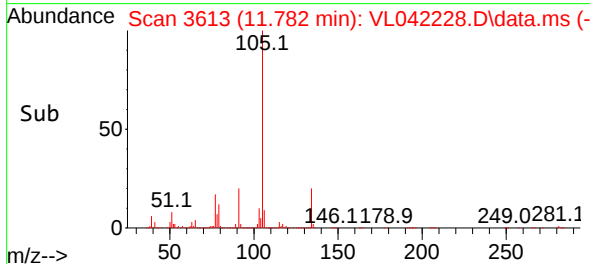
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 105 Resp: 129864
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3

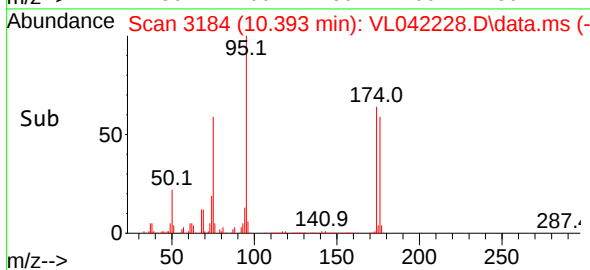
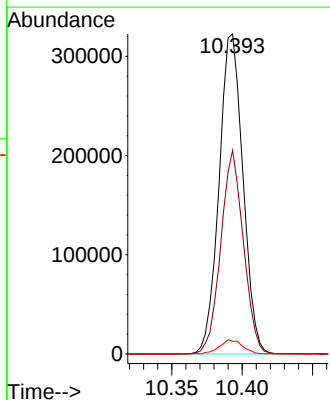
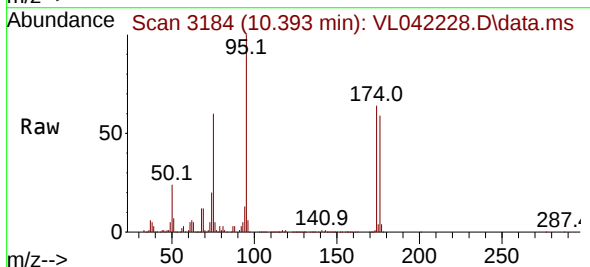
Manual Integrations
 APPROVED

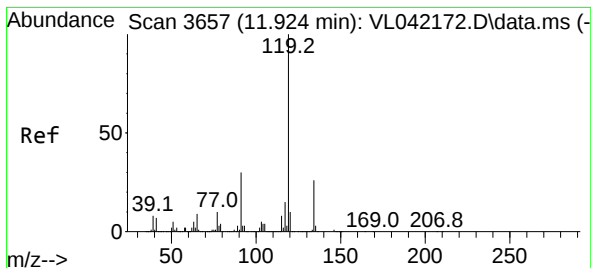
Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.971 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.023 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

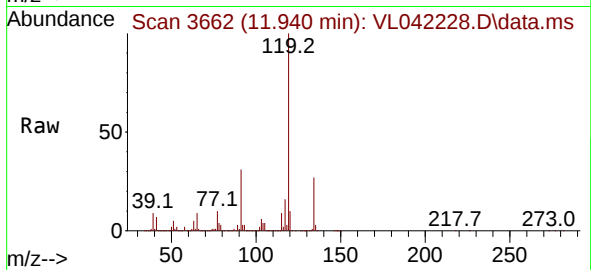
Tgt Ion: 95 Resp: 380328
 Ion Ratio Lower Upper
 95 100
 174 60.5 50.6 76.0
 175 4.3 3.8 5.6





#69
p-Isopropyltoluene
Concen: 10.324 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

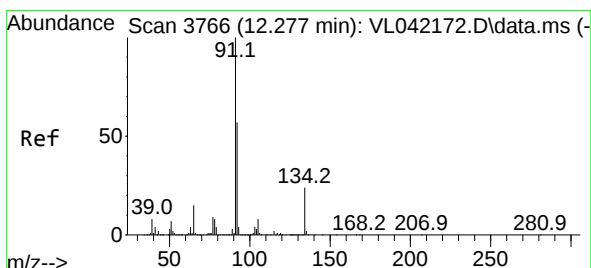
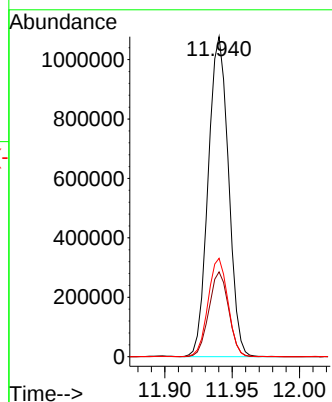
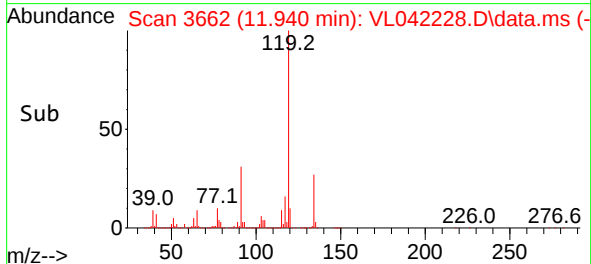
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



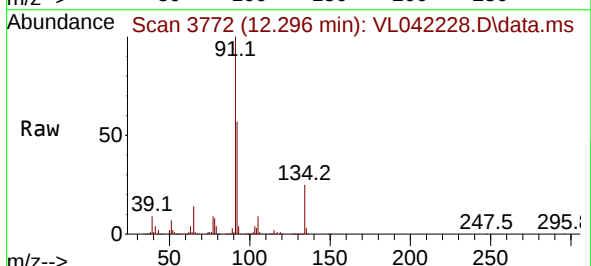
Tgt Ion: 119 Resp: 112859
Ion Ratio Lower Upper
119 100
134 25.8 20.4 30.6
91 30.1 23.7 35.5

Manual Integrations
APPROVED

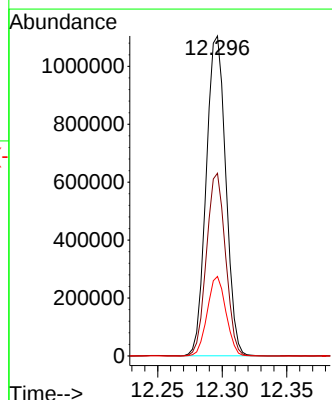
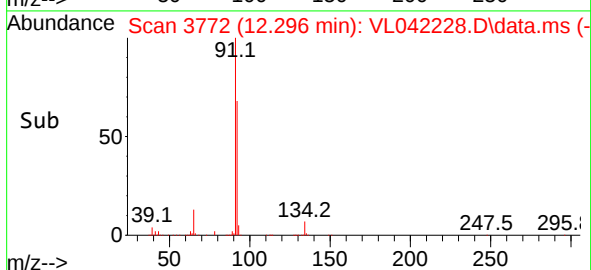
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

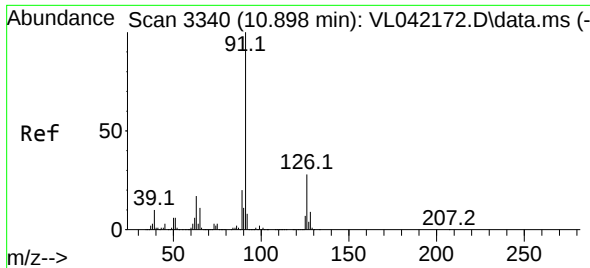


#70
n-Butylbenzene
Concen: 10.428 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



Tgt Ion: 91 Resp: 1165845
Ion Ratio Lower Upper
91 100
92 55.8 44.9 67.3
134 23.7 19.2 28.8





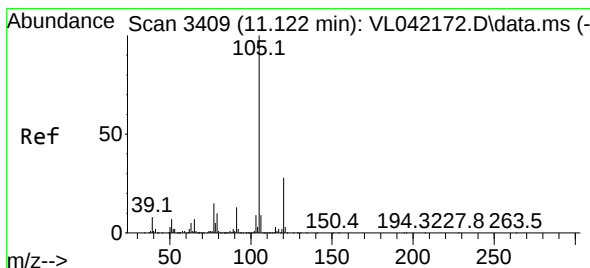
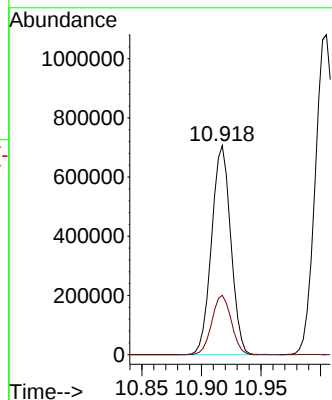
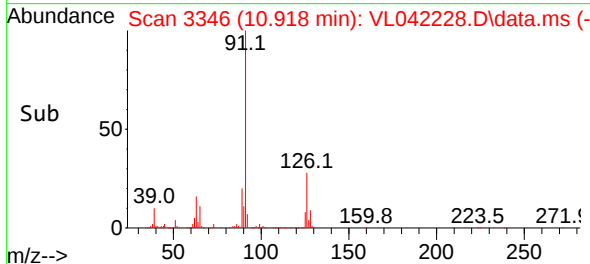
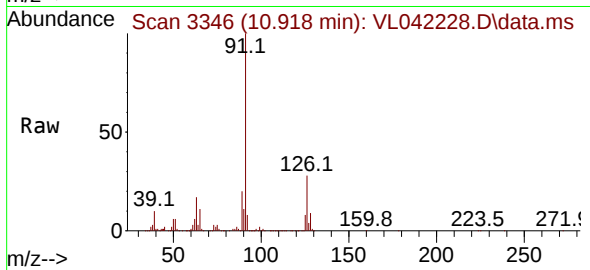
#71
2-Chlorotoluene
Concen: 10.274 ppbv
RT: 10.918 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 78752
Ion Ratio Lower Upper
91 100
126 28.9 11.6 46.4

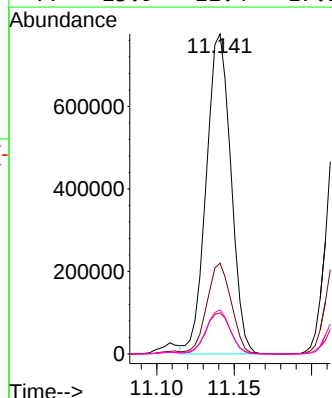
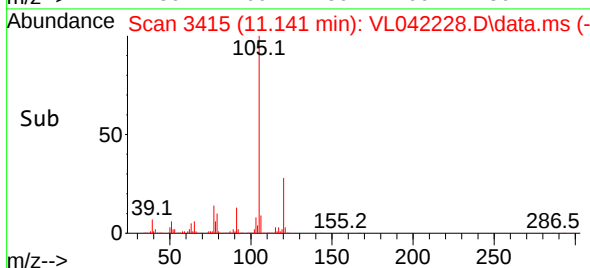
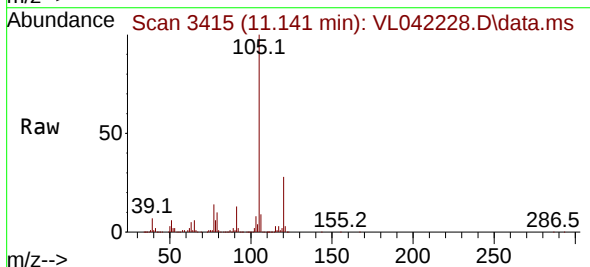
Manual Integrations
APPROVED

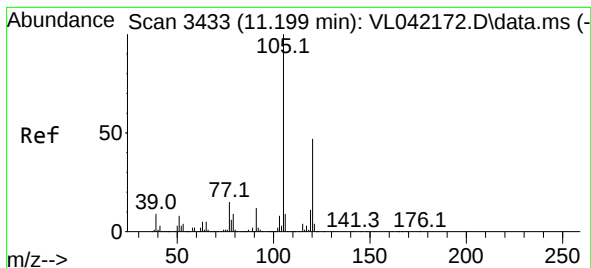
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#72
4-Ethyltoluene
Concen: 10.422 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:105 Resp: 857021
Ion Ratio Lower Upper
105 100
120 29.0 23.4 35.0
91 13.4 10.3 15.5
77 13.9 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.239 ppbv

RT: 11.219 min Scan# 3433

Delta R.T. 0.019 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 735300

Ion Ratio Lower Upper

105 100

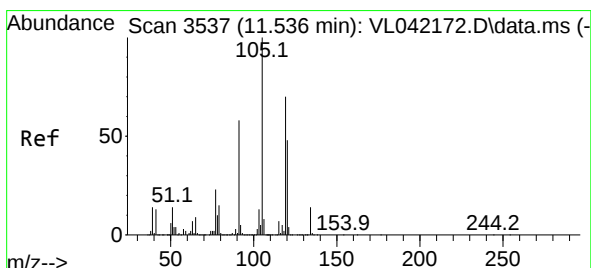
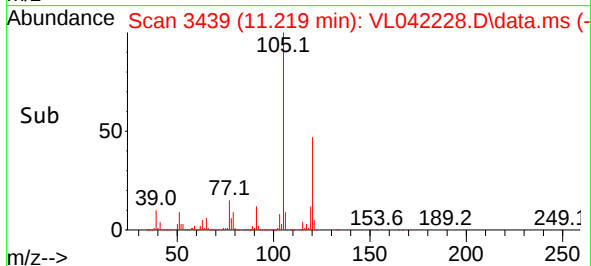
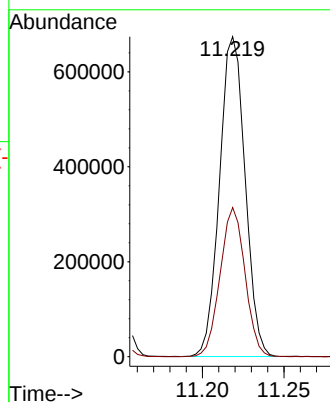
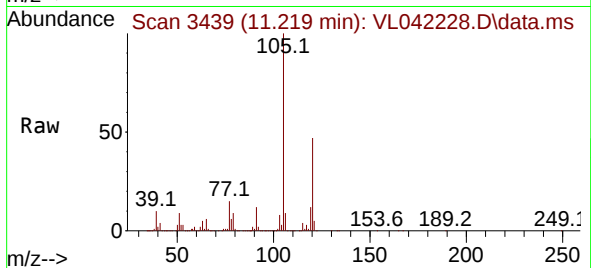
120 46.6 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.935 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.016 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Tgt Ion:105 Resp: 821957

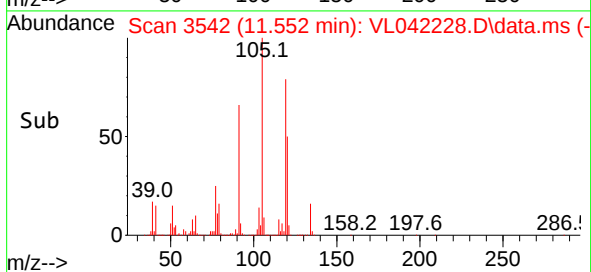
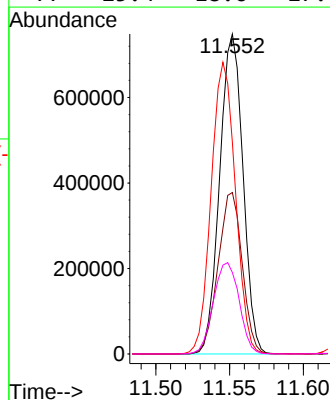
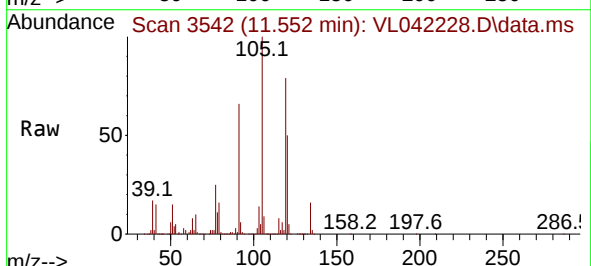
Ion Ratio Lower Upper

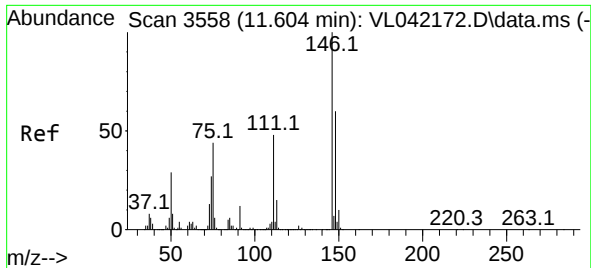
105 100

120 50.5 38.6 58.0

91 66.2 46.2 69.2

77 25.4 18.6 27.8





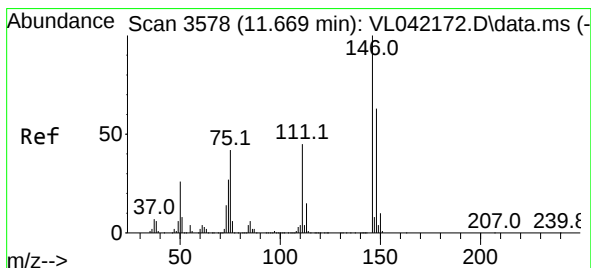
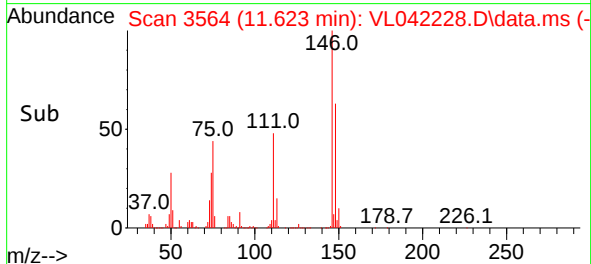
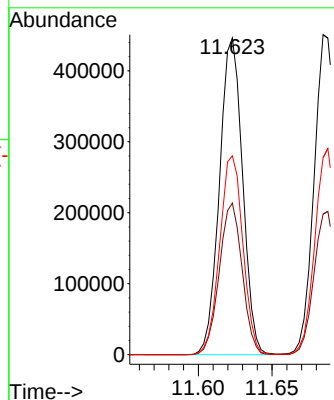
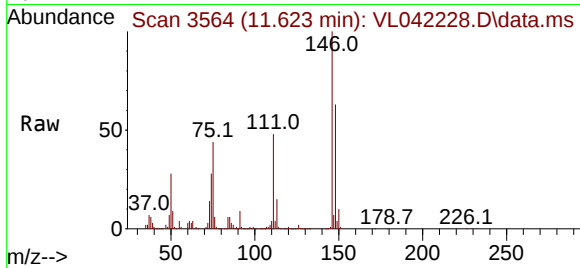
#75
1,3-Dichlorobenzene
Concen: 10.703 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 485669
Ion Ratio Lower Upper
146 100
111 47.5 23.8 71.2
148 63.1 31.9 95.9

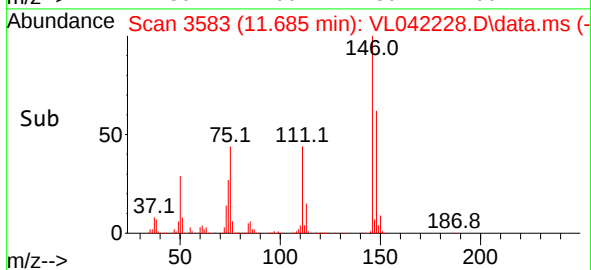
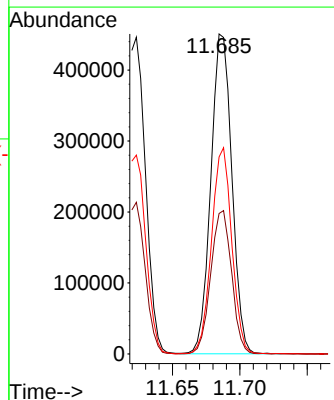
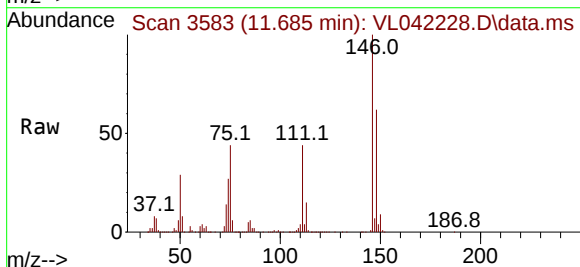
Manual Integrations
APPROVED

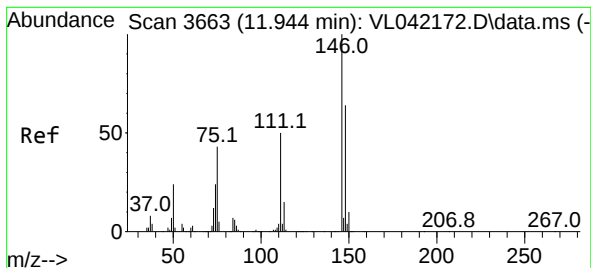
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#76
1,4-Dichlorobenzene
Concen: 10.821 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:146 Resp: 488661
Ion Ratio Lower Upper
146 100
111 44.6 23.0 69.0
148 62.4 31.9 95.7





#77

1,2-Dichlorobenzene

Concen: 10.873 ppbv

RT: 11.963 min Scan# 3669

Delta R.T. 0.019 min

Lab File: VL042228.D

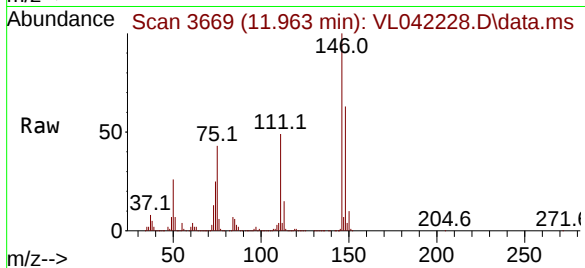
Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 48037

Ion Ratio Lower Upper

146 100

111 48.6 24.8 74.3

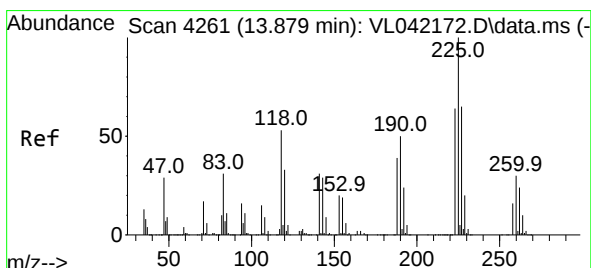
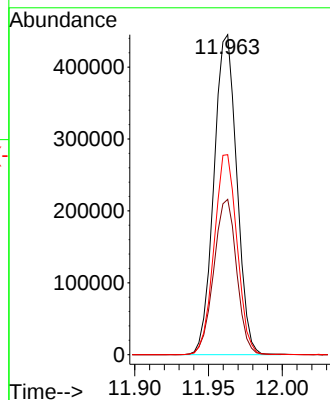
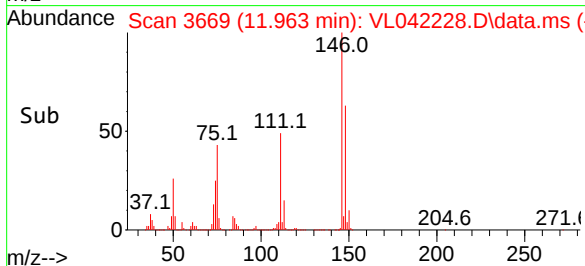
148 62.9 31.6 94.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.646 ppbv

RT: 13.895 min Scan# 4266

Delta R.T. 0.016 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

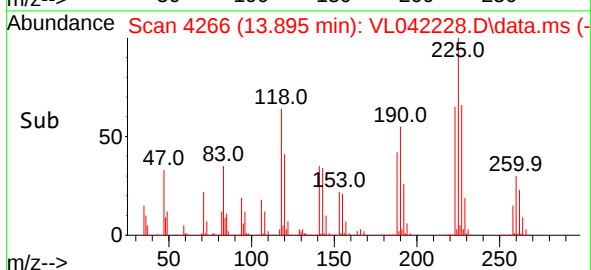
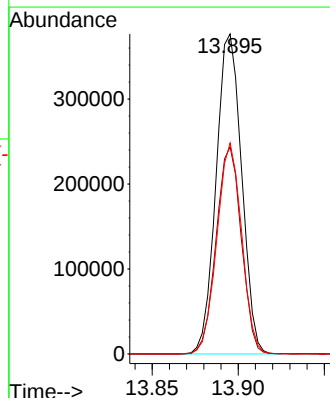
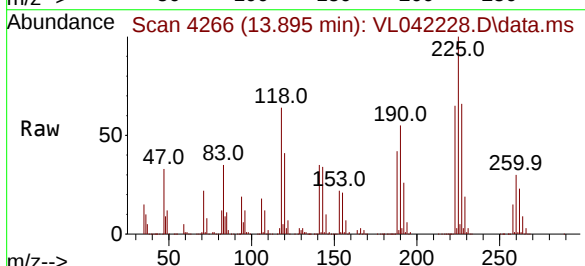
Tgt Ion:225 Resp: 388827

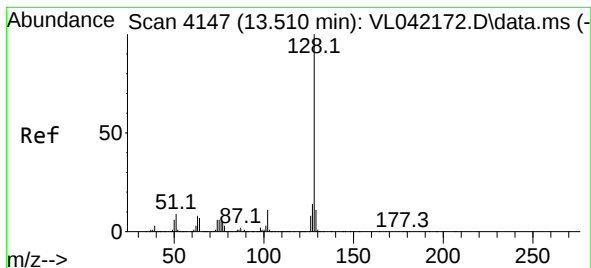
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

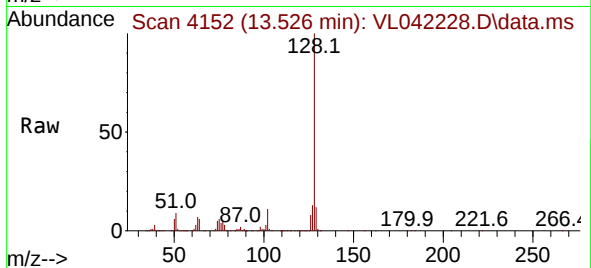
227 63.9 51.2 76.8





#79
Naphthalene
Concen: 10.570 ppbv
RT: 13.526 min Scan# 4147
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

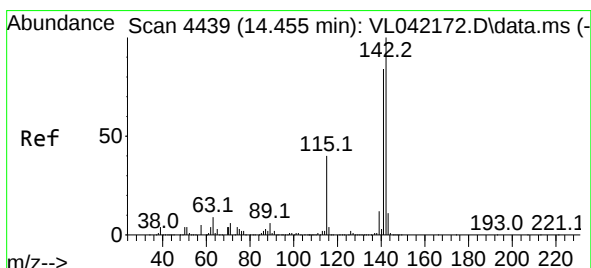
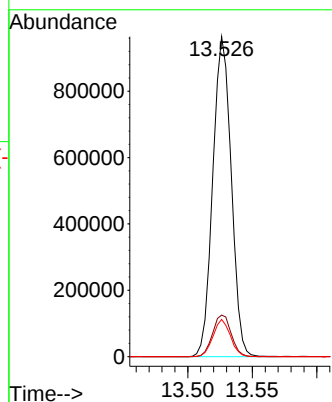
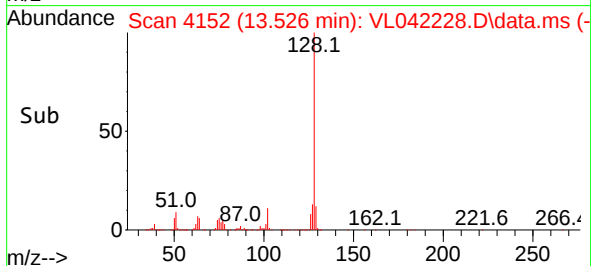
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



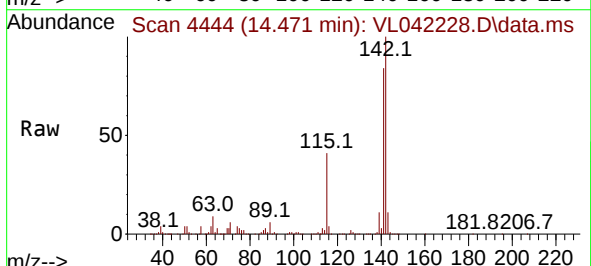
Tgt Ion:128 Resp: 956597
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.6 9.0 13.4

Manual Integrations
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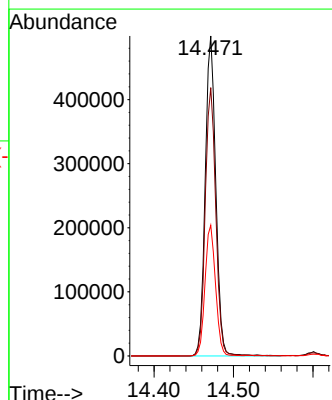
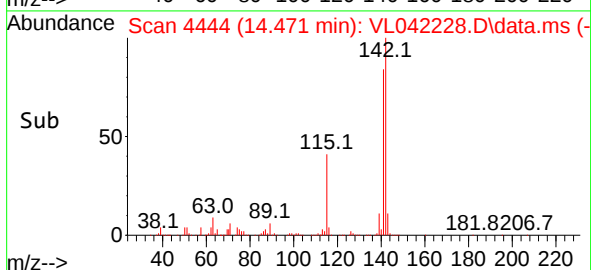
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

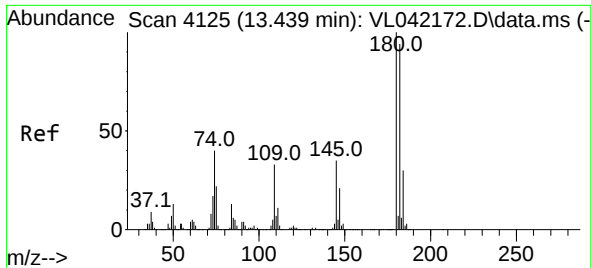


#80
Naphthalene,2-methyl-
Concen: 10.419 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31



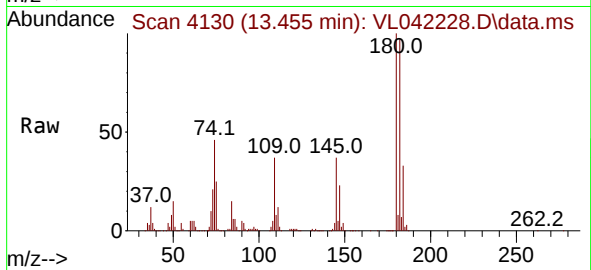
Tgt Ion:142 Resp: 462373
Ion Ratio Lower Upper
142 100
141 84.3 66.3 99.5
115 41.1 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.886 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 41267
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.1 112.7
 184 31.1 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

