

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042075.D
 Acq On : 03 Mar 2025 12:15
 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 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

Quant Time: Mar 04 00:16:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	173325	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.952	114	409365	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.875	117	350236	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 273654 10.156 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.495	85	176895	9.815	ppbv	98
3) Chlorodifluoromethane	1.473	51	229308	9.103	ppbv	100
4) Chloromethane	1.531	50	61184	9.180	ppbv	99
5) Vinyl Chloride	1.576	62	60317	9.567	ppbv	100
6) Bromomethane	1.664	94	30156	10.045	ppbv	92
7) Chloroethane	1.703	64	24074	9.398	ppbv	98
8) Dichlorotetrafluoroethane	1.550	85	144041	9.722	ppbv	99
9) Propene	1.482	41	95116	9.268	ppbv	99
10) Heptane	4.972	43	285343	8.930	ppbv	96
11) Trichlorofluoromethane	1.874	101	187492	10.382	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.136	101	142259	9.875	ppbv	98
13) Ethanol	1.719	45	3376	5.182	ppbv	95
14) Bromoethene	1.780	108	48570	9.548	ppbv	100
15) Acetone	1.832	43	133956	8.752	ppbv	99
16) 1,3-Butadiene	1.605	39	64990	9.124	ppbv	99
17) tert-Butyl alcohol	2.036	59	174843	9.130	ppbv	97
18) 1,1-Dichloroethene	2.029	96	62817	9.651	ppbv	98
19) Isopropyl Alcohol	1.884	45	79667	9.061	ppbv	100
20) Methylene Chloride	2.059	84	53086	9.169	ppbv	97
21) Allyl Chloride	2.091	41	107750	9.743	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	72547	9.561	ppbv	93
23) Vinyl Acetate	2.460	43	89888	8.352	ppbv	99
24) 1,1-Dichloroethane	2.405	63	136644	9.678	ppbv	99
25) Ethyl Acetate	2.832	43	563012	9.189	ppbv	99
26) Hexane	2.822	57	216702	8.749	ppbv	94
27) Carbon Disulfide	2.146	76	166324	9.906	ppbv	97
28) Methyl tert-Butyl Ether	2.437	73	102443	8.307	ppbv	99
29) Chloroform	2.845	83	294142	8.824	ppbv	100
30) Cyclohexane	3.852	84	170364	8.474	ppbv	91
31) cis-1,2-Dichloroethene	2.716	61	209328	8.928	ppbv	95
32) 1,1,1-Trichloroethane	3.363	97	275584	8.522	ppbv	94
34) 2-Butanone	2.554	43	324639	10.179	ppbv	96
35) Carbon Tetrachloride	3.755	117	281106	9.958	ppbv	93
36) Benzene	3.651	78	410714	9.584	ppbv	98
37) 1,2-Dichloroethane	3.214	62	235420	9.908	ppbv	98
38) Trichloroethene	4.541	130	154616	8.836	ppbv	99
39) 1,2-Dichloropropane	4.308	63	159010	9.776	ppbv	95
40) 1,4-Dioxane	4.577	88	69401	9.347	ppbv #	99
41) Tetrahydrofuran	3.052	42	189509	10.057	ppbv	97
42) Bromodichloromethane	4.483	83	315387	9.852	ppbv	97
43) Methyl Methacrylate	4.871	69	160485	9.589	ppbv	92
44) 2,2,4-Trimethylpentane	4.635	57	731737	9.675	ppbv	98
45) t-1,3-Dichloropropene	6.409	75	150198	9.033	ppbv	89

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Instrument :
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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

Quant Time: Mar 04 00:16:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	201389	9.360	ppbv	97
47) 1,1,2-Trichloroethane	6.574	97	155548	9.419	ppbv	94
48) Dibromochloromethane	7.380	129	244551	9.456	ppbv	99
49) Bromoform	9.477	173	215068	9.576	ppbv	99
50) 4-Methyl-2-Pentanone	5.742	43	451104	10.937	ppbv	97
51) 2-Hexanone	7.428	43	364047	12.824	ppbv #	98
52) Tetrachloroethene	8.218	164	135049	9.205	ppbv	96
53) Toluene	6.926	91	448652	9.368	ppbv	99
54) 1,2-Dibromoethane	7.645	107	207672	9.302	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.917	131	186364	9.414	ppbv	99
57) Chlorobenzene	8.917	112	344415	9.485	ppbv	99
58) Ethyl Benzene	9.351	91	617808	9.578	ppbv	99
59) m/p-Xylene	9.545	91	999203m	19.467	ppbv	
60) o-Xylene	9.959	91	499183	9.674	ppbv	99
61) Styrene	9.865	104	239891	9.888	ppbv	99
62) Isopropylbenzene	10.535	105	742029	9.602	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.956	83	327826	9.647	ppbv	99
64) n-propylbenzene	10.985	120	194972	9.618	ppbv	95
65) tert-Butylbenzene	11.529	119	655219	9.316	ppbv	98
66) Benzyl Chloride	11.613	91	44259	8.247	ppbv	99
67) sec-Butylbenzene	11.765	105	956463	9.509	ppbv	100
69) p-Isopropyltoluene	11.924	119	773774	9.669	ppbv	99
70) n-Butylbenzene	12.280	91	803607	9.837	ppbv	99
71) 2-Chlorotoluene	10.898	91	568423	9.541	ppbv	99
72) 4-Ethyltoluene	11.121	105	607815	9.647	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	516320	9.447	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	569704	9.257	ppbv #	91
75) 1,3-Dichlorobenzene	11.603	146	332997	9.402	ppbv	98
76) 1,4-Dichlorobenzene	11.668	146	334533	9.513	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	328836	9.567	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	235840	8.819	ppbv	98
79) Naphthalene	13.510	128	519908	12.321	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	193268	16.737	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	237980	10.120	ppbv	98

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

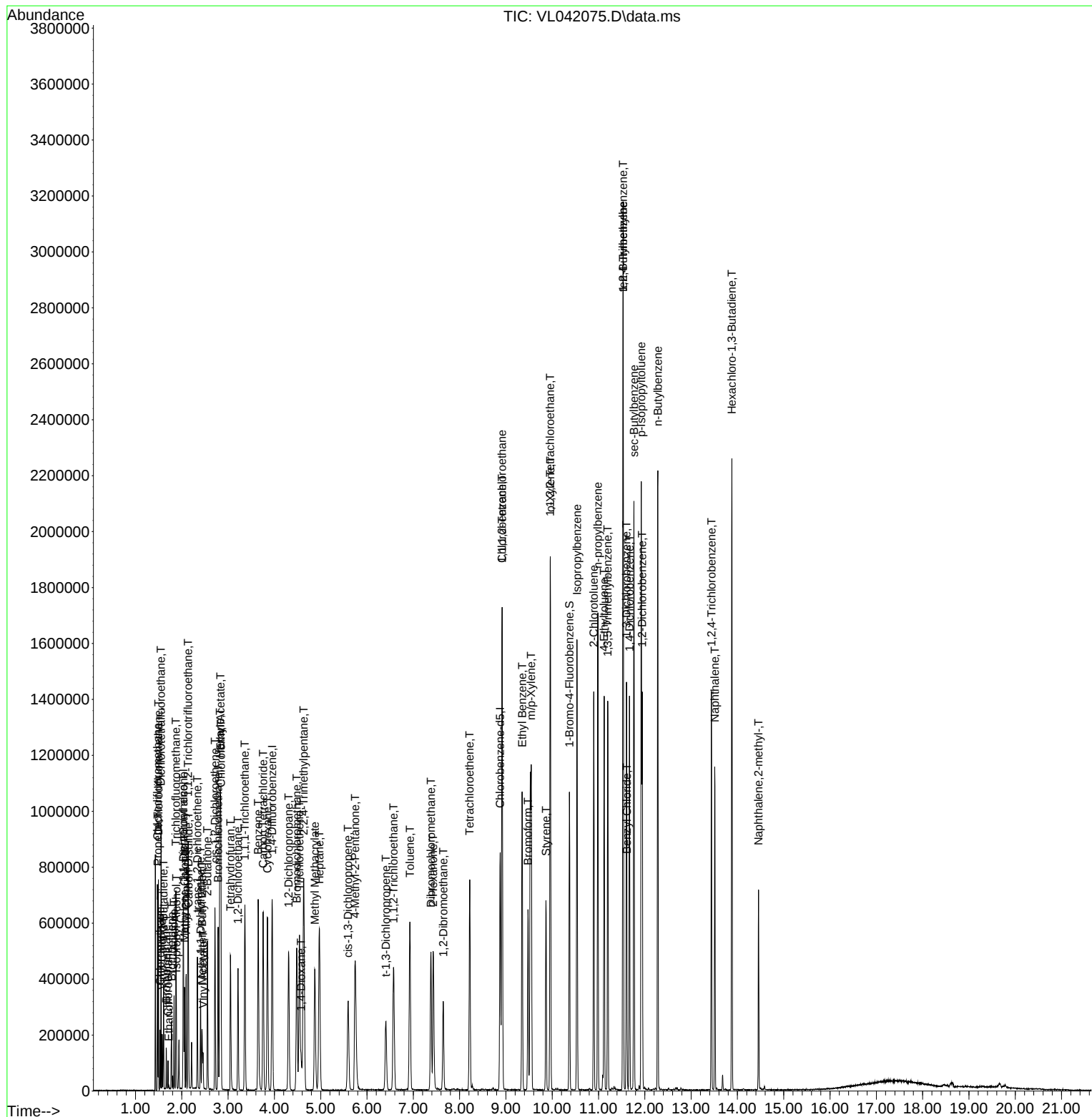
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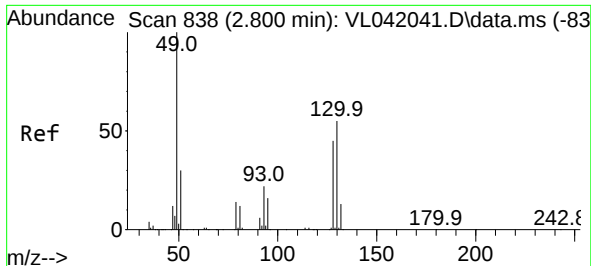
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 03/04/2025
Supervised By : Mahesh Dadoda 03/05/2025

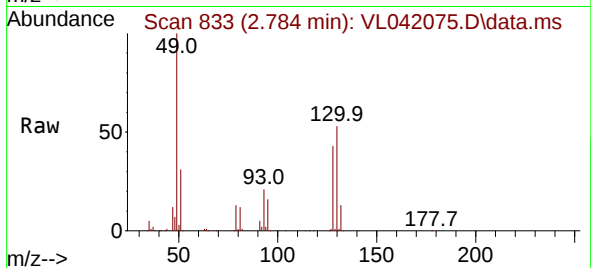
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.016 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

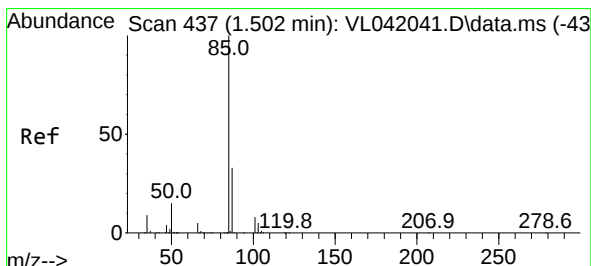
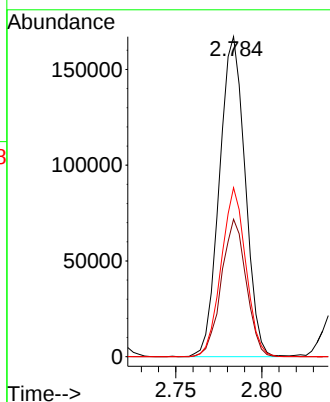
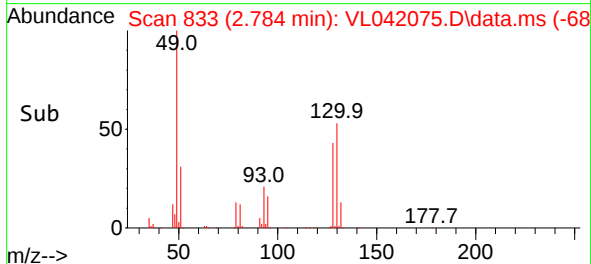
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 49 Resp: 173325
 Ion Ratio Lower Upper
 49 100
 128 41.5 21.6 64.8
 130 50.6 27.8 83.4

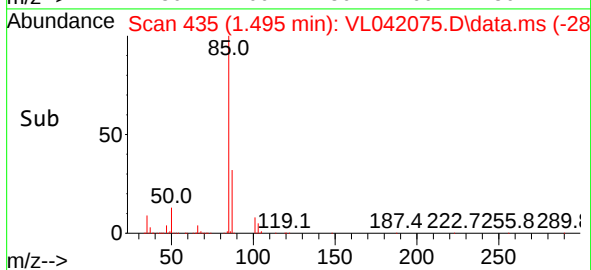
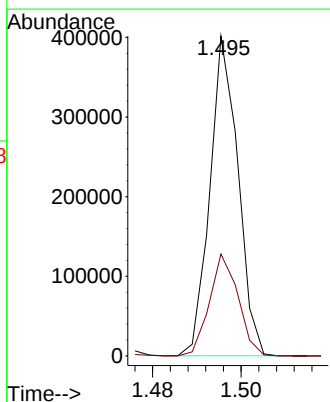
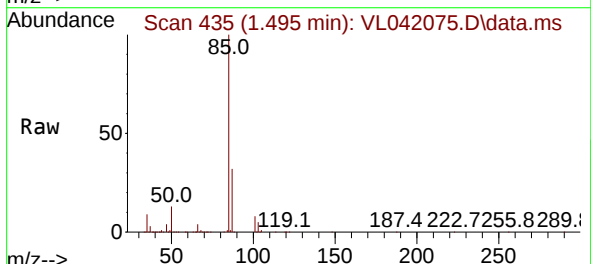
Manual Integrations
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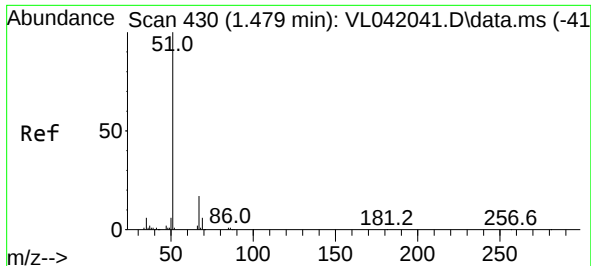
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#2
 Dichlorodifluoromethane
 Concen: 9.815 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.007 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

Tgt Ion: 85 Resp: 176895
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.4 39.6





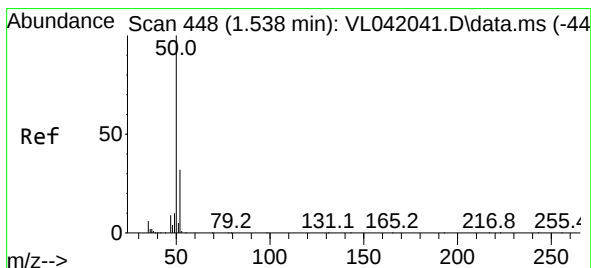
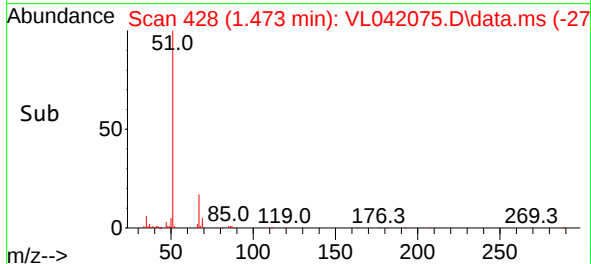
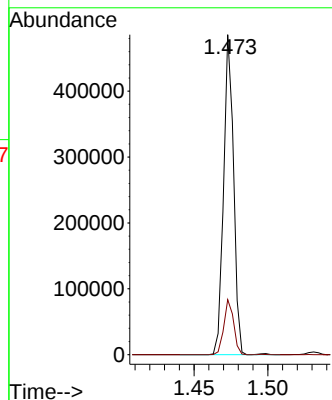
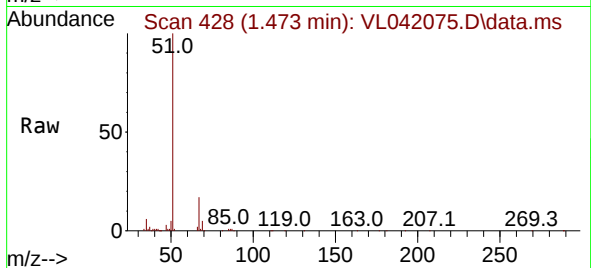
#3
Chlorodifluoromethane
Concen: 9.103 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 229308
Ion Ratio Lower Upper
51 100
67 16.9 13.7 20.5

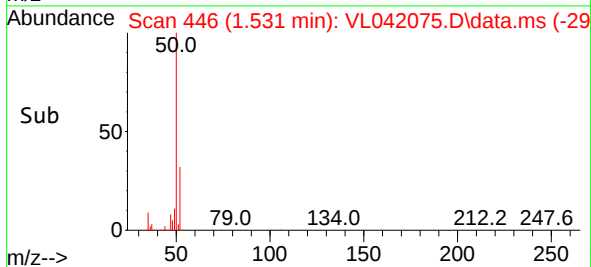
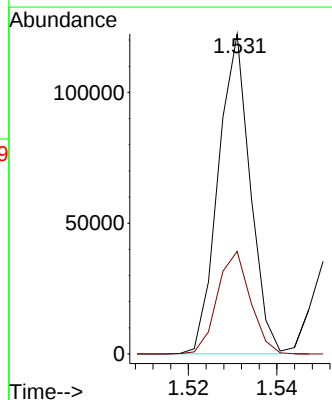
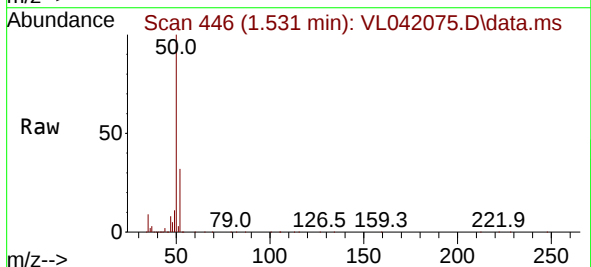
Manual Integrations
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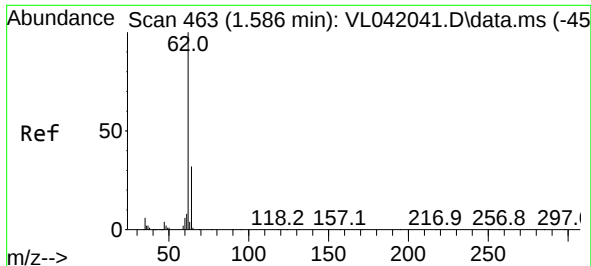
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#4
Chloromethane
Concen: 9.180 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.007 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 50 Resp: 61184
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0





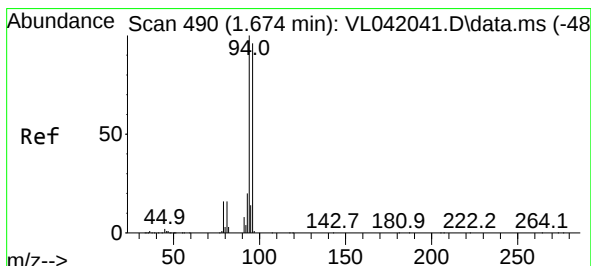
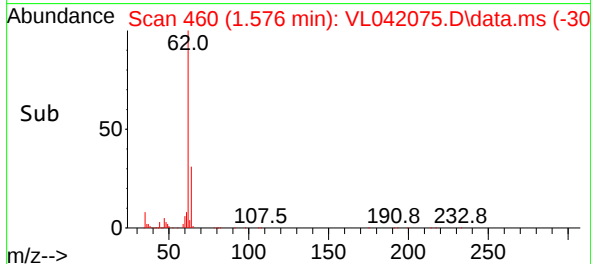
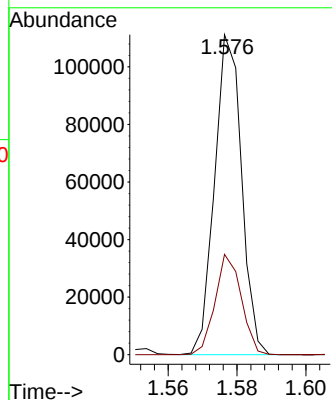
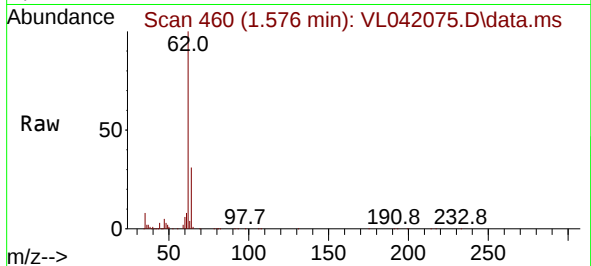
#5
 Vinyl Chloride
 Concen: 9.567 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.010 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 6031
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.3 37.9

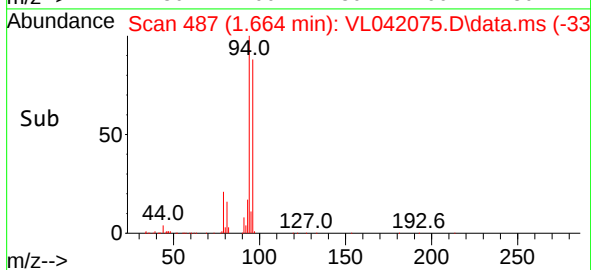
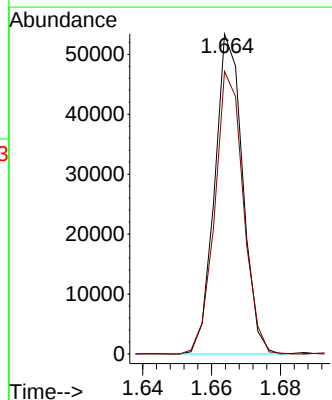
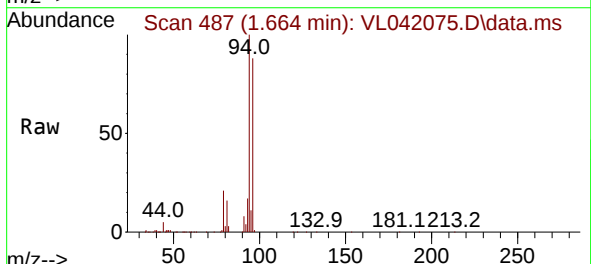
Manual Integrations
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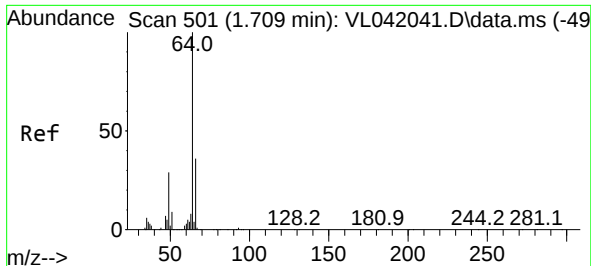
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#6
 Bromomethane
 Concen: 10.045 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.010 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

Tgt Ion: 94 Resp: 30156
 Ion Ratio Lower Upper
 94 100
 96 88.3 76.5 114.7





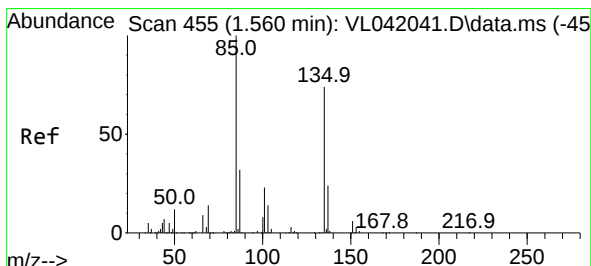
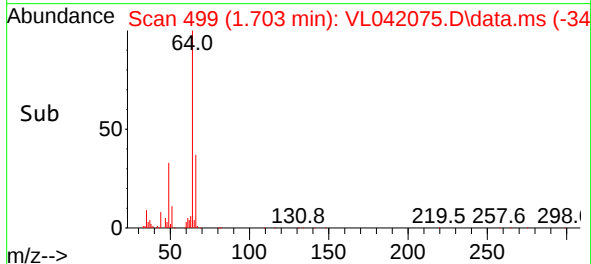
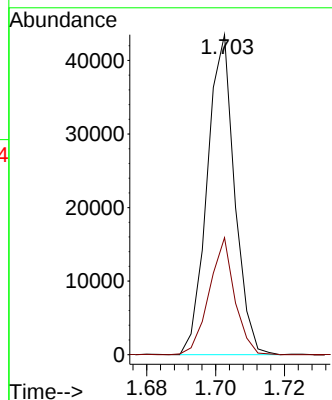
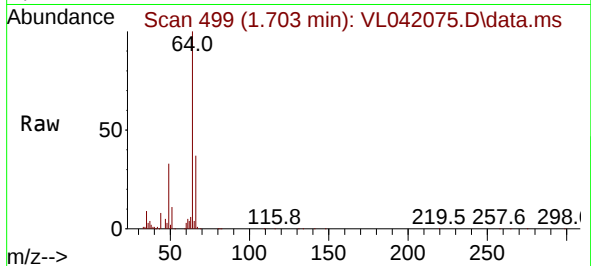
#7
Chloroethane
Concen: 9.398 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.007 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 24074
Ion Ratio Lower Upper
64 100
66 36.5 28.4 42.6

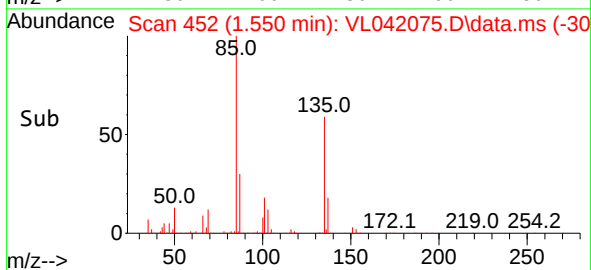
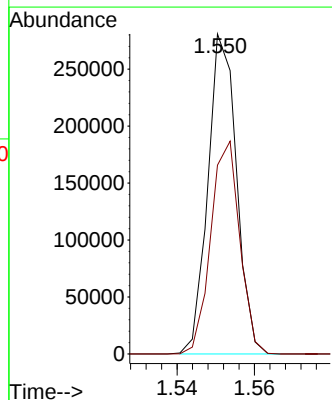
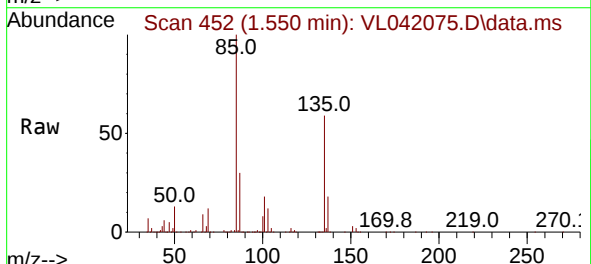
Manual Integrations
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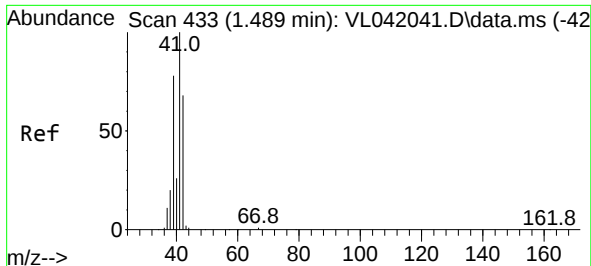
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#8
Dichlorotetrafluoroethane
Concen: 9.722 ppbv
RT: 1.550 min Scan# 452
Delta R.T. -0.010 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 85 Resp: 144041
Ion Ratio Lower Upper
85 100
135 67.5 54.6 81.8





#9

Propene

Concen: 9.268 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 95110

Ion Ratio Lower Upper

41 100

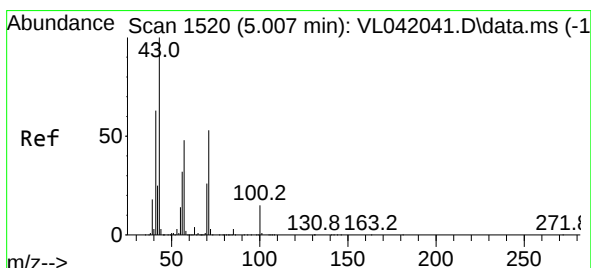
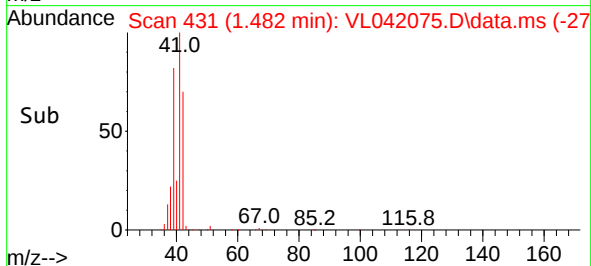
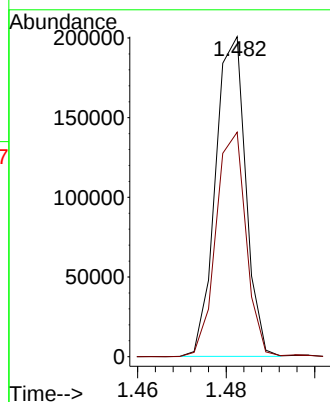
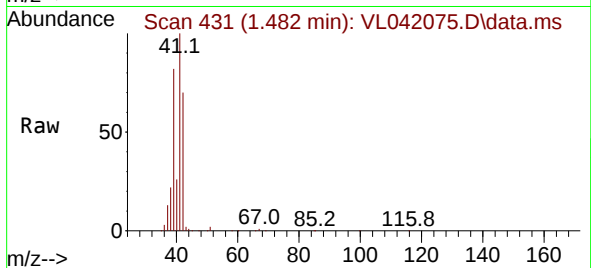
42 70.5 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#10

Heptane

Concen: 8.930 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.036 min

Lab File: VL042075.D

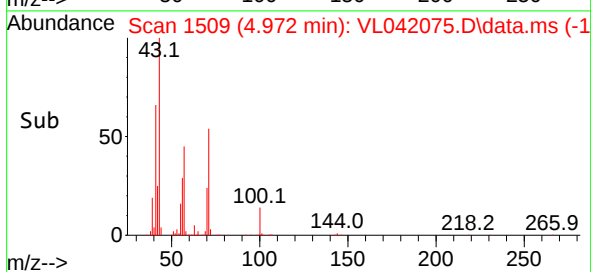
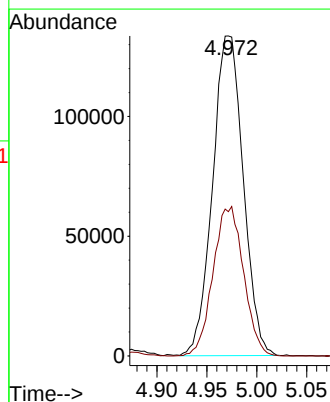
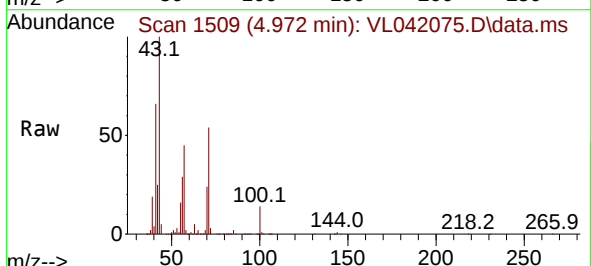
Acq: 03 Mar 2025 12:15

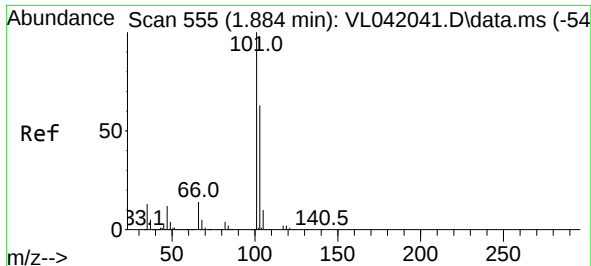
Tgt Ion: 43 Resp: 285343

Ion Ratio Lower Upper

43 100

57 46.5 39.4 59.0





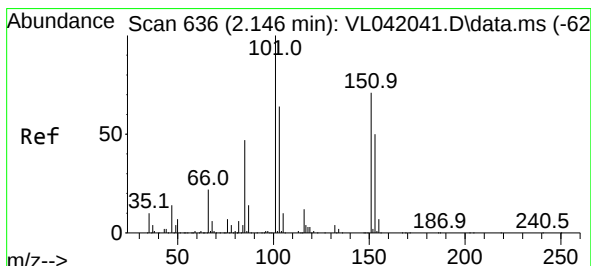
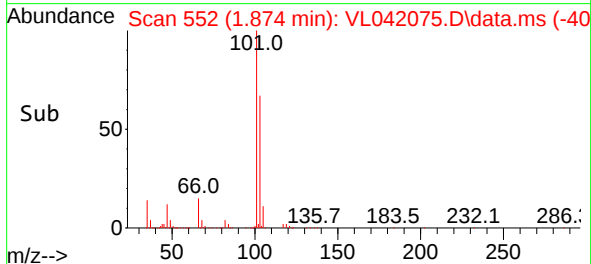
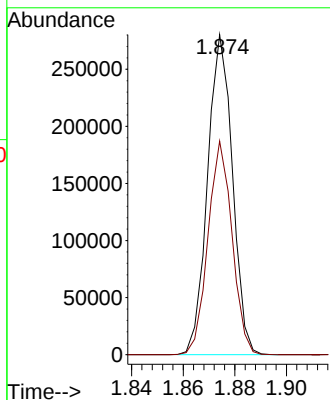
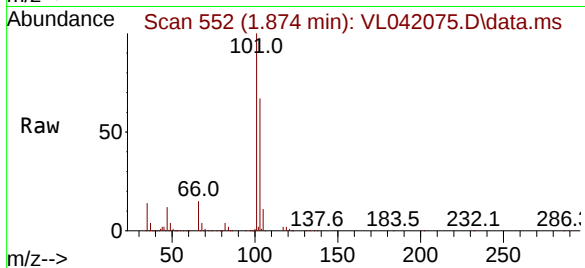
#11
 Trichlorofluoromethane
 Concen: 10.382 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.010 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 187492
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.6 75.8

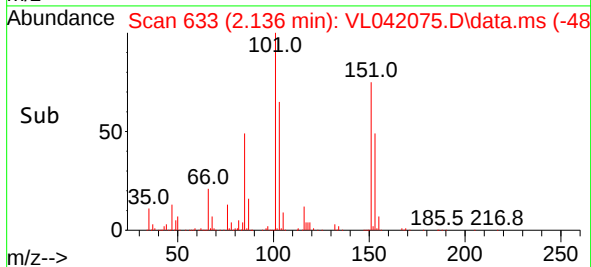
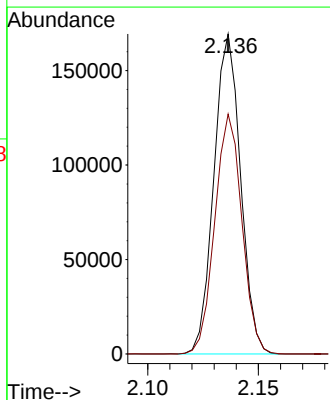
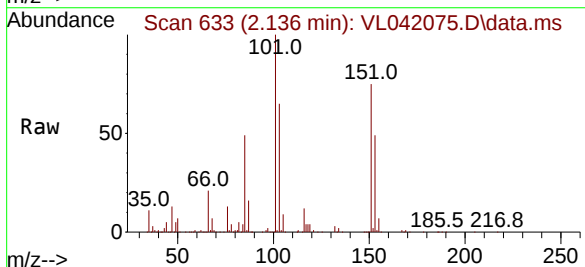
Manual Integrations
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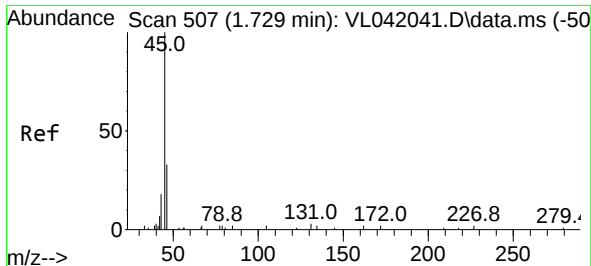
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.875 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.010 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

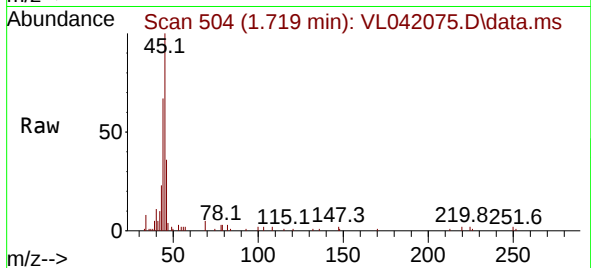
Tgt Ion:101 Resp: 142259
 Ion Ratio Lower Upper
 101 100
 151 76.2 62.6 94.0





#13
Ethanol
Concen: 5.182 ppbv
RT: 1.719 min Scan# 507
Delta R.T. -0.010 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

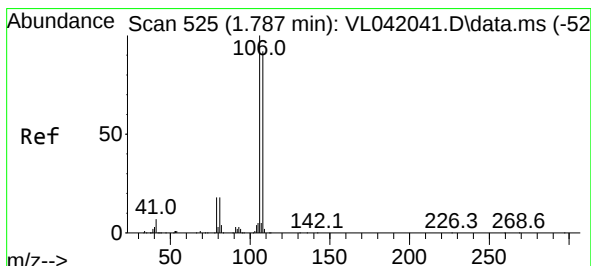
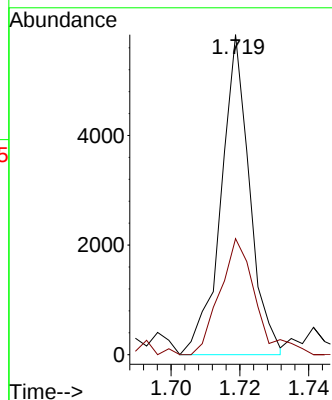
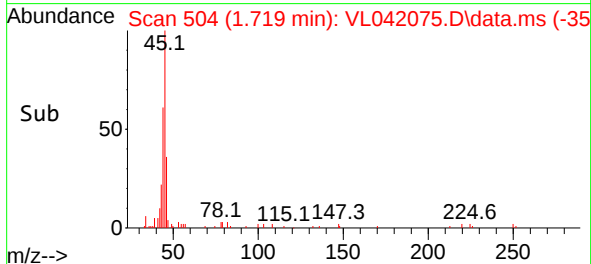
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



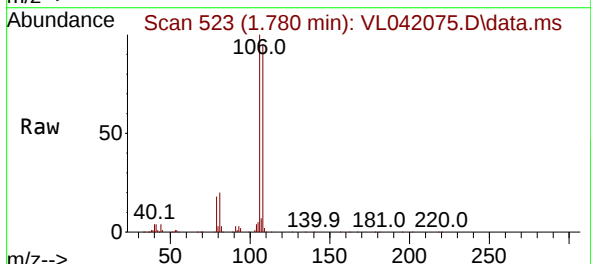
Tgt Ion: 45 Resp: 3370
Ion Ratio Lower Upper
45 100
46 46.1 17.1 68.3

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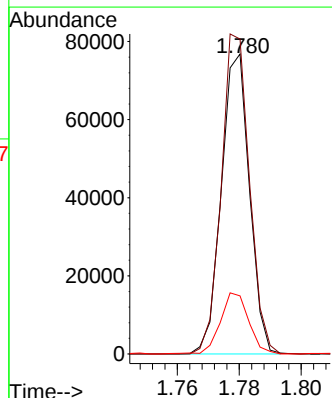
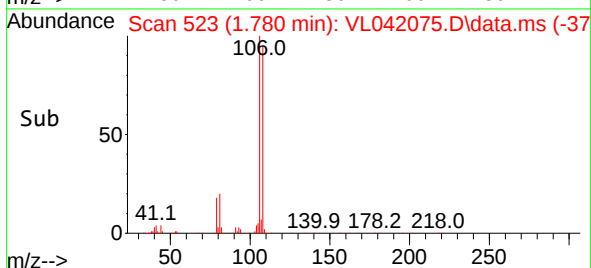
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

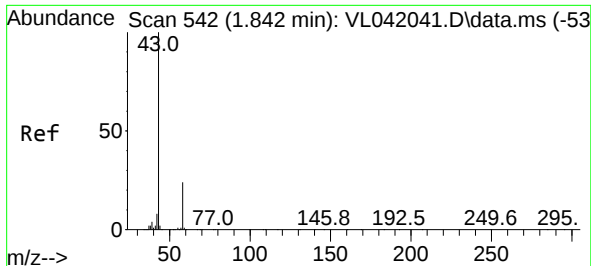


#14
Bromoethene
Concen: 9.548 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.007 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



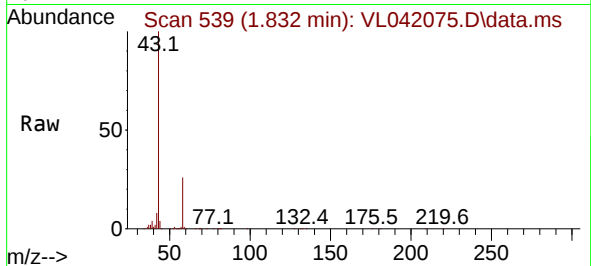
Tgt Ion:108 Resp: 48570
Ion Ratio Lower Upper
108 100
106 106.6 85.4 128.0
79 20.9 16.5 24.7





#15
Acetone
Concen: 8.752 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

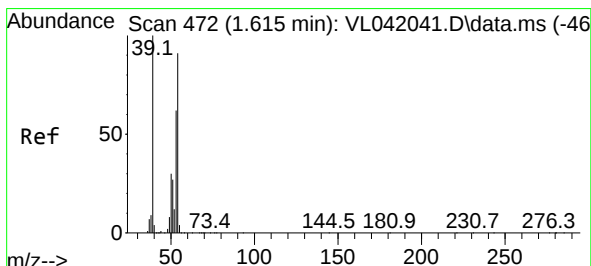
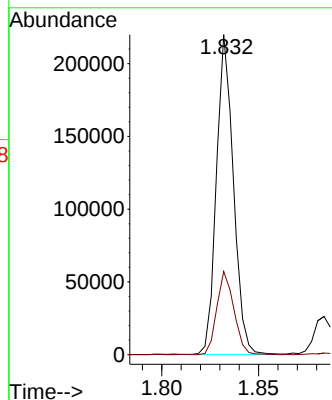
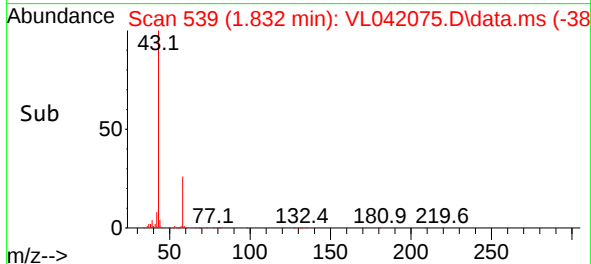
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 133950
Ion Ratio Lower Upper
43 100
58 26.2 20.7 31.1

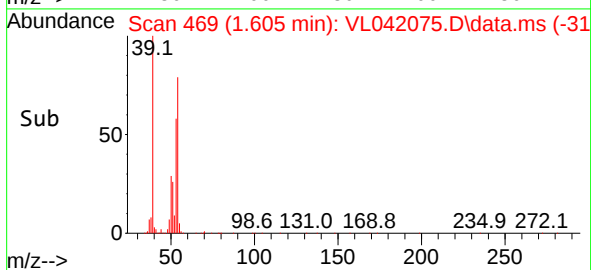
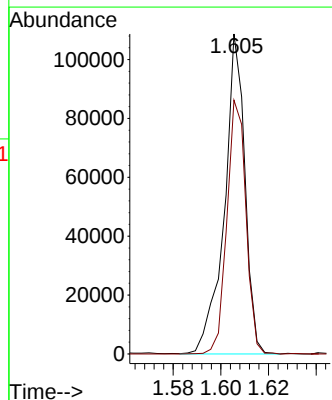
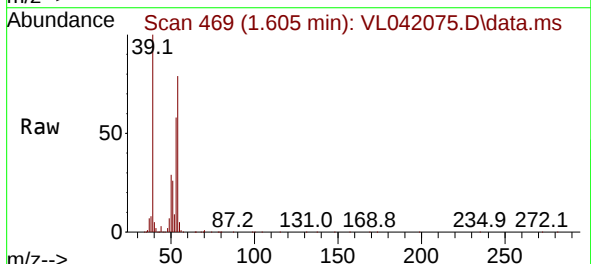
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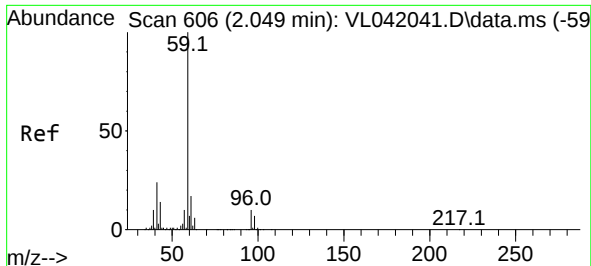
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#16
1,3-Butadiene
Concen: 9.124 ppbv
RT: 1.605 min Scan# 469
Delta R.T. -0.010 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 39 Resp: 64990
Ion Ratio Lower Upper
39 100
54 73.4 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.130 ppbv

RT: 2.036 min Scan# 606

Delta R.T. -0.013 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Tgt Ion: 59 Resp: 17484

Ion Ratio Lower Upper

59 100

57 10.5 9.3 13.9

Instrument :

MSVOA_L

ClientSampleId :

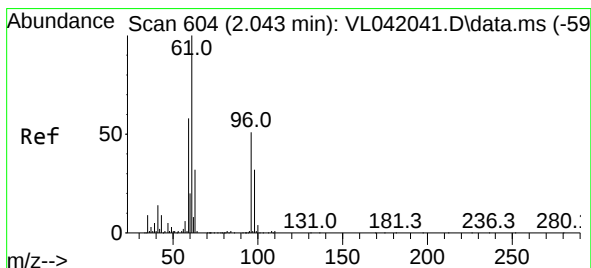
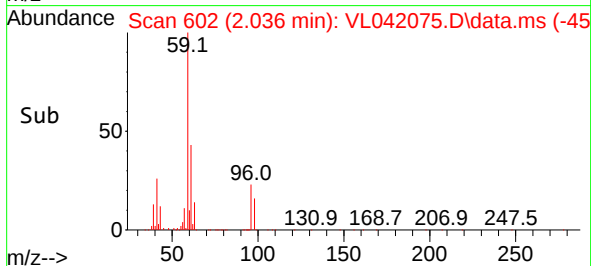
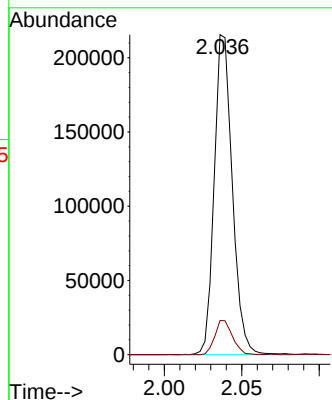
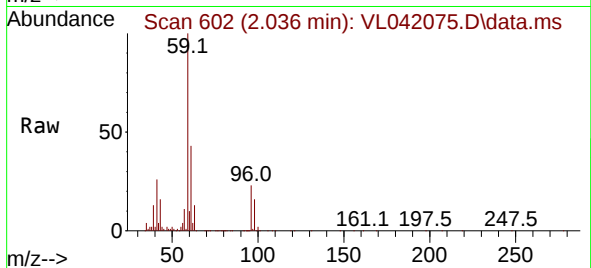
VSTDCCC010

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#18

1,1-Dichloroethene

Concen: 9.651 ppbv

RT: 2.029 min Scan# 600

Delta R.T. -0.013 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

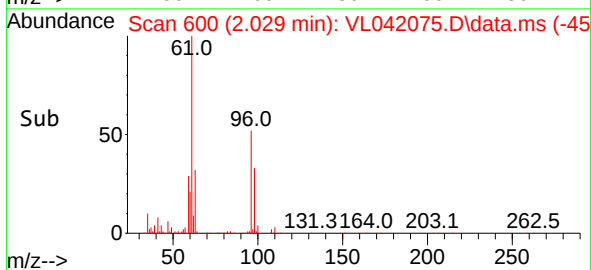
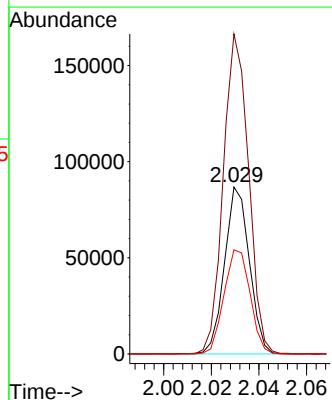
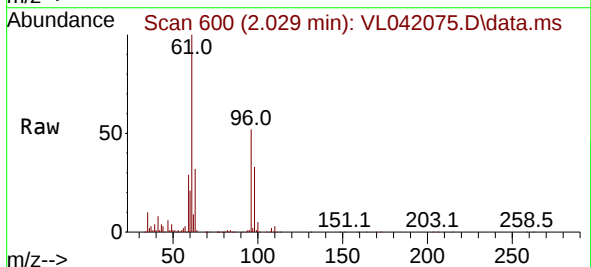
Tgt Ion: 96 Resp: 62817

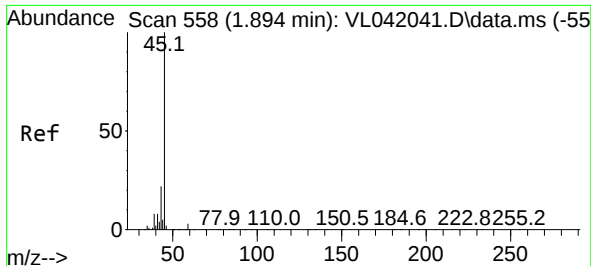
Ion Ratio Lower Upper

96 100

61 191.4 156.0 234.0

98 62.4 49.4 74.2





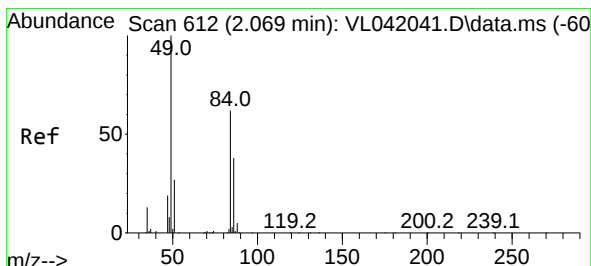
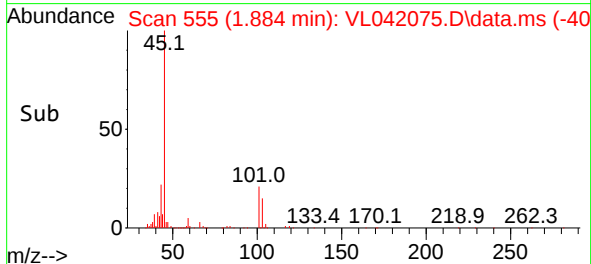
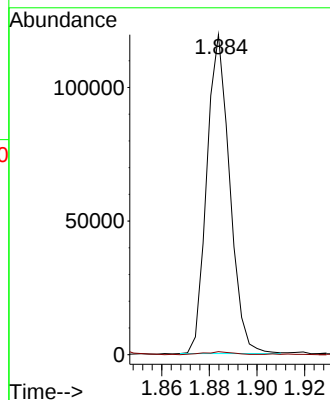
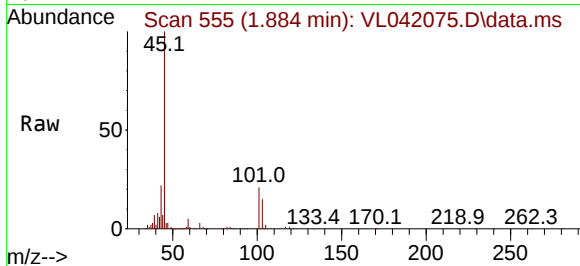
#19
Isopropyl Alcohol
Concen: 9.061 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 7966
Ion Ratio Lower Upper
45 100
58 44.1 35.3 52.9

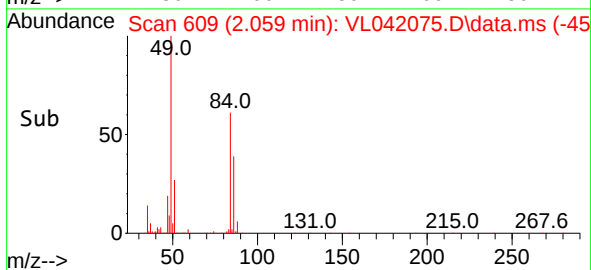
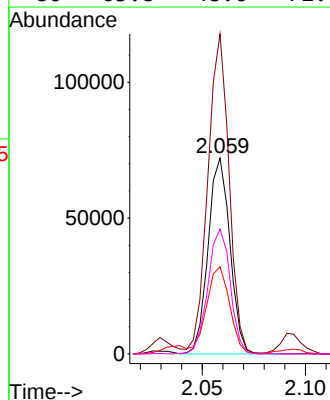
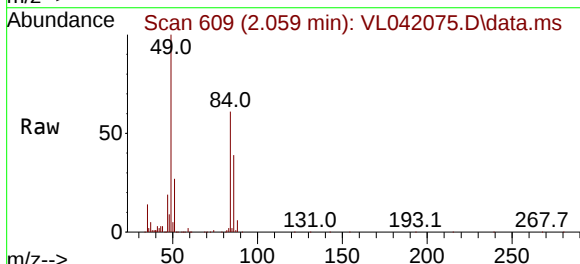
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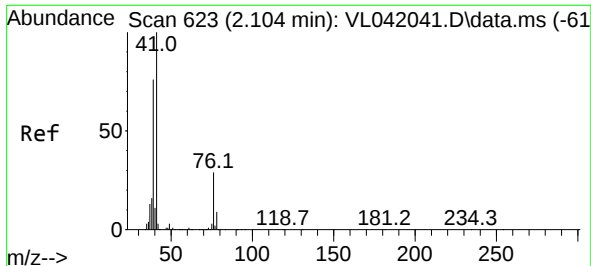
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#20
Methylene Chloride
Concen: 9.169 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.010 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 84 Resp: 53086
Ion Ratio Lower Upper
84 100
49 160.9 130.0 195.0
51 43.1 37.4 56.0
86 63.8 48.6 72.8





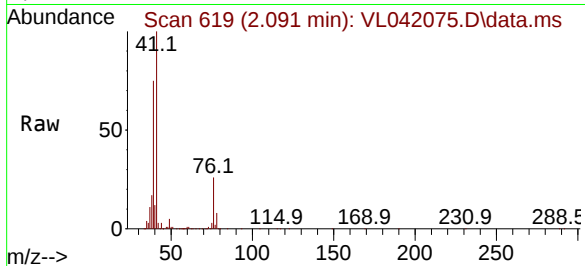
#21
 Allyl Chloride
 Concen: 9.743 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.013 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

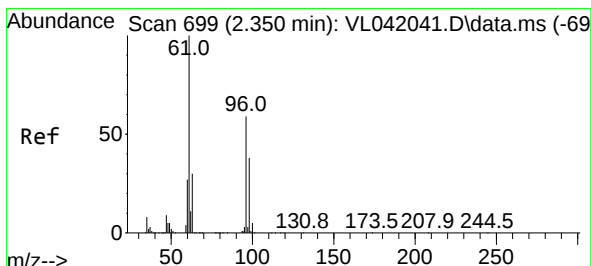
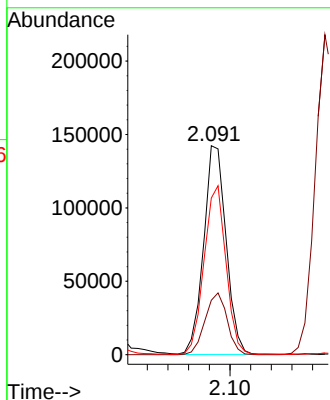
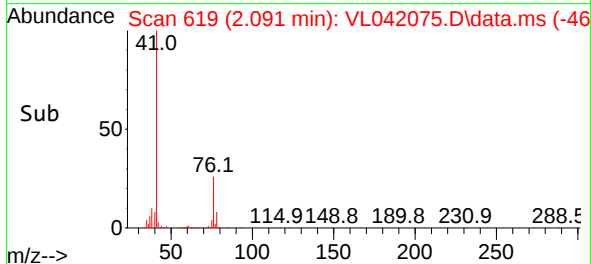
VSTDCCC010



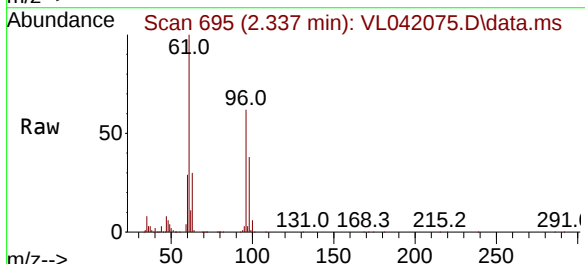
Tgt Ion: 41 Resp: 107750
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.8 35.6
 39 78.8 63.8 95.6

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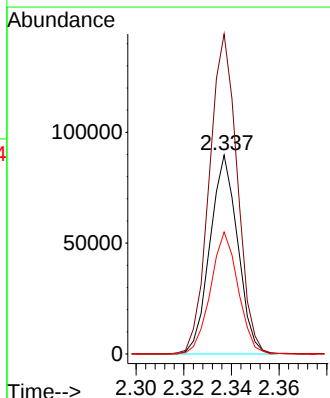
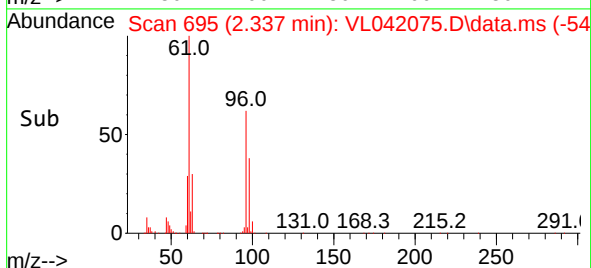
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

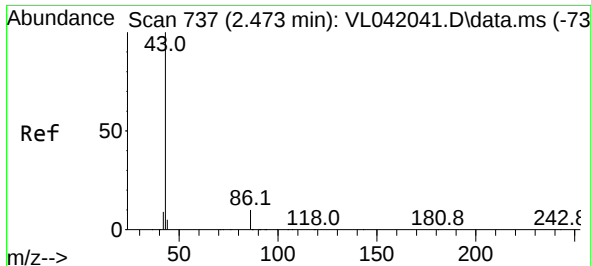


#22
 trans-1,2-Dichloroethene
 Concen: 9.561 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.013 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15



Tgt Ion: 96 Resp: 72547
 Ion Ratio Lower Upper
 96 100
 61 160.6 136.6 205.0
 98 61.0 51.8 77.6





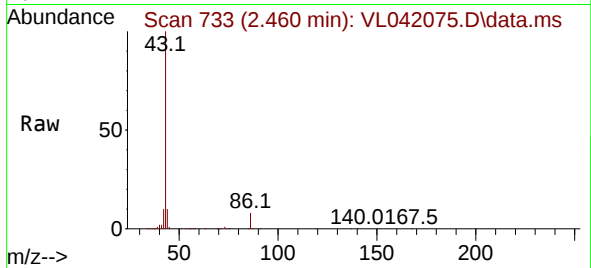
#23
 Vinyl Acetate
 Concen: 8.352 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.013 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDECC010

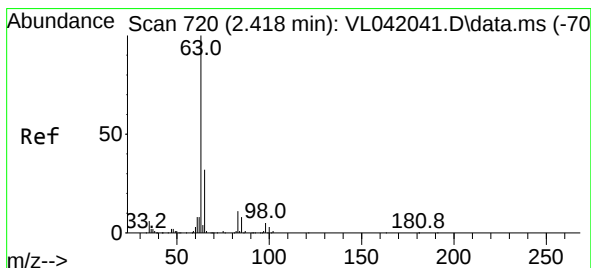
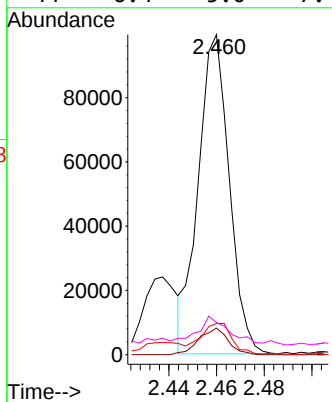
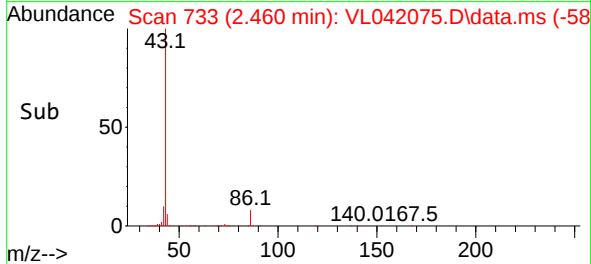


Tgt Ion: 43 Resp: 89888
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.0 10.4
 42 9.5 7.6 11.4
 44 6.4 5.0 7.4

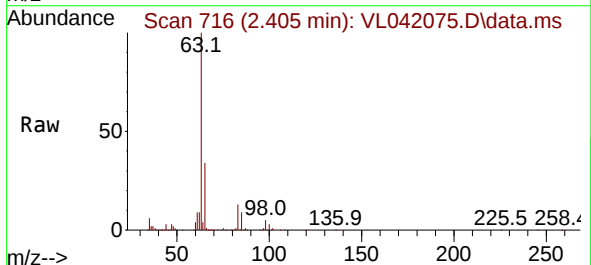
Manual Integrations

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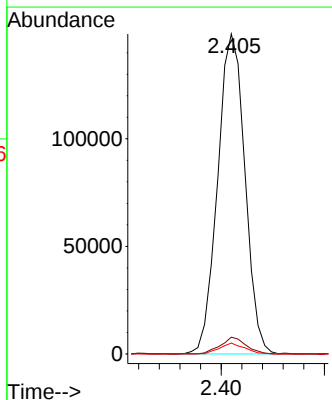
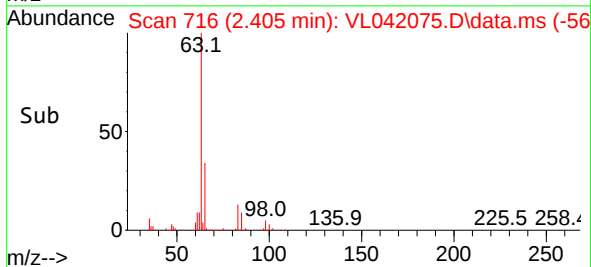
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

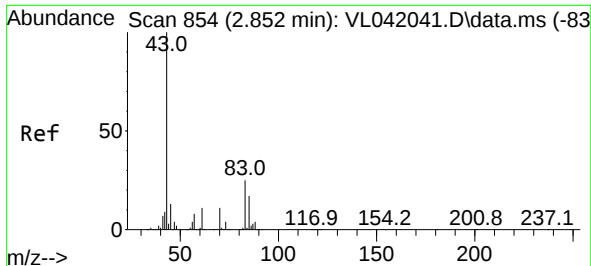


#24
 1,1-Dichloroethane
 Concen: 9.678 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.013 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15



Tgt Ion: 63 Resp: 136644
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.4 7.2
 100 3.4 1.7 5.0





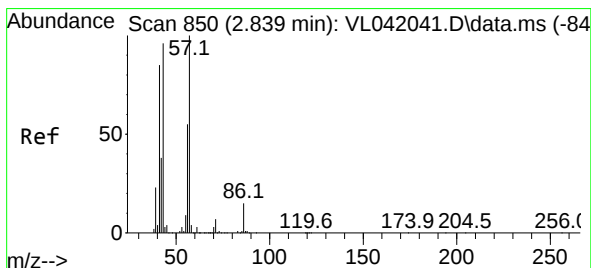
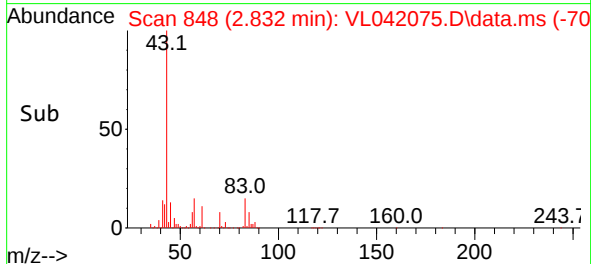
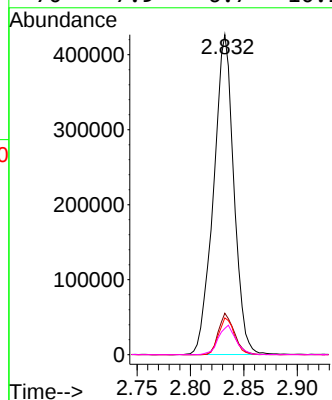
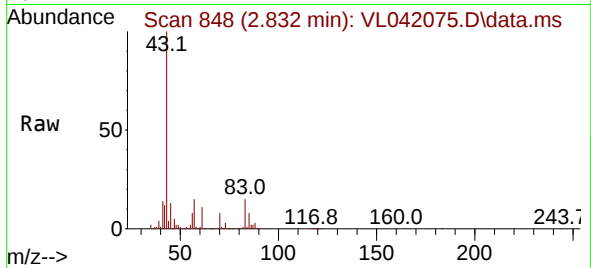
#25
Ethyl Acetate
Concen: 9.189 ppbv
RT: 2.832 min Scan# 845
Delta R.T. -0.020 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 563012
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 9.1 7.2 10.8
70 7.9 6.7 10.1

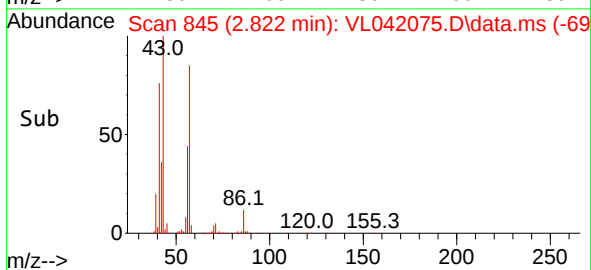
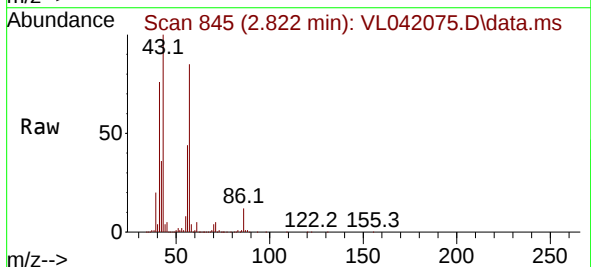
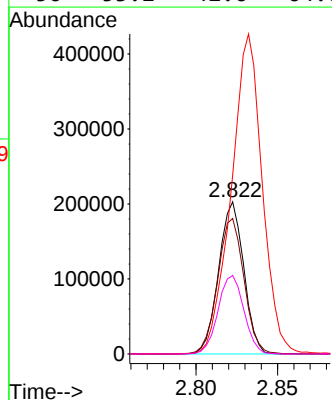
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#26
Hexane
Concen: 8.749 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.016 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

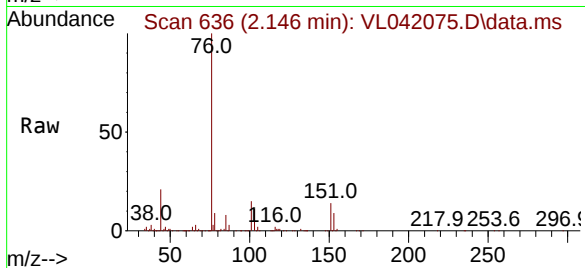
Tgt Ion: 57 Resp: 216702
Ion Ratio Lower Upper
57 100
41 93.8 70.6 106.0
43 260.6 199.4 299.0
56 53.2 42.6 64.0





#27
Carbon Disulfide
Concen: 9.906 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

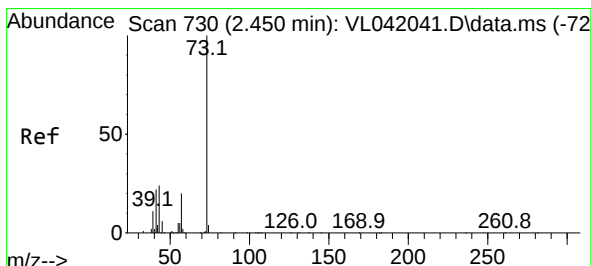
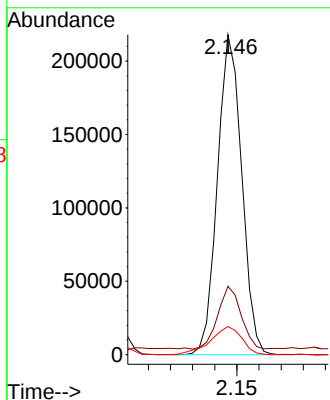
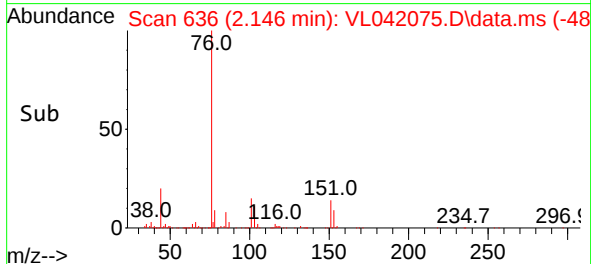
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



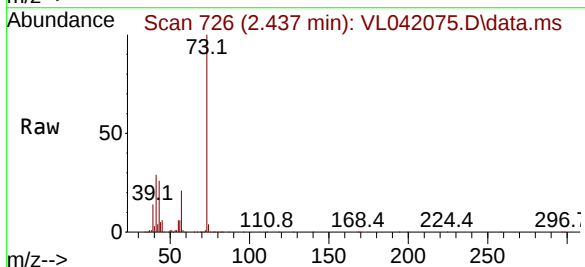
Tgt Ion: 76 Resp: 166324
Ion Ratio Lower Upper
76 100
44 18.3 16.2 24.2
78 11.3 9.4 14.0

Manual Integrations
APPROVED

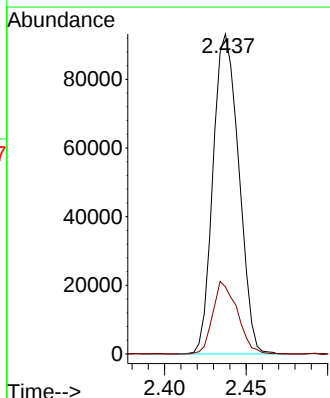
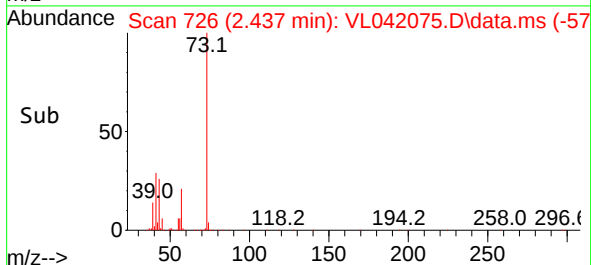
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

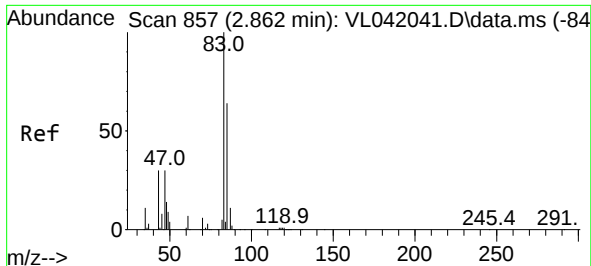


#28
Methyl tert-Butyl Ether
Concen: 8.307 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



Tgt Ion: 73 Resp: 102443
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5





#29

Chloroform

Concen: 8.824 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 29414

Ion Ratio Lower Upper

83 100

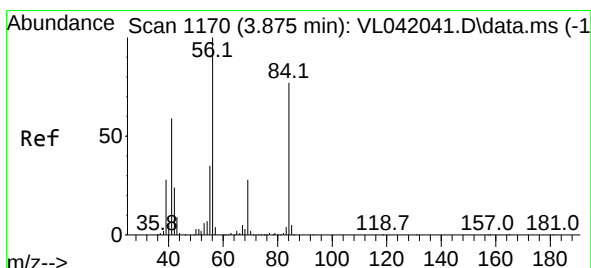
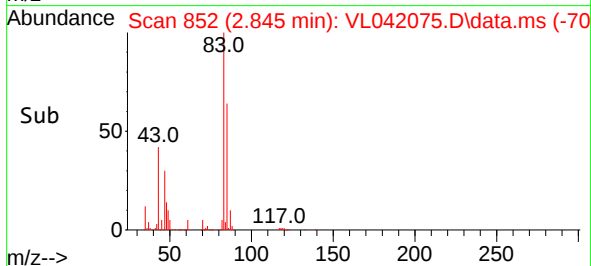
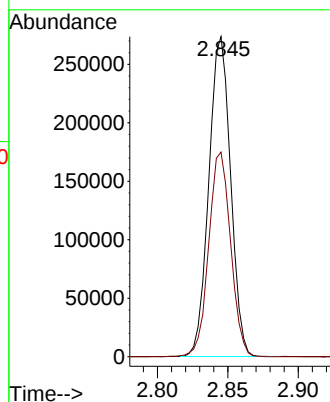
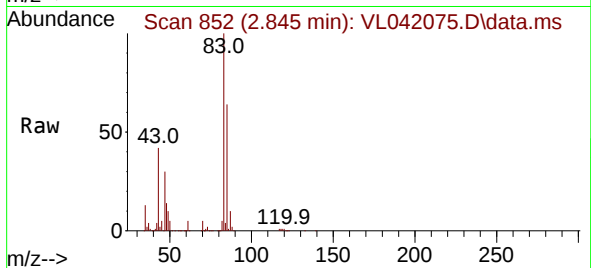
85 64.0 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#30

Cyclohexane

Concen: 8.474 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.023 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

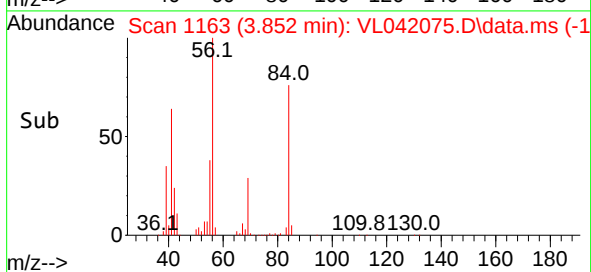
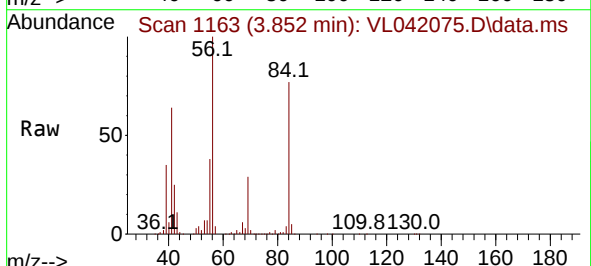
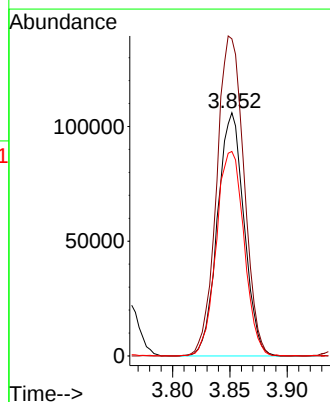
Tgt Ion: 84 Resp: 170364

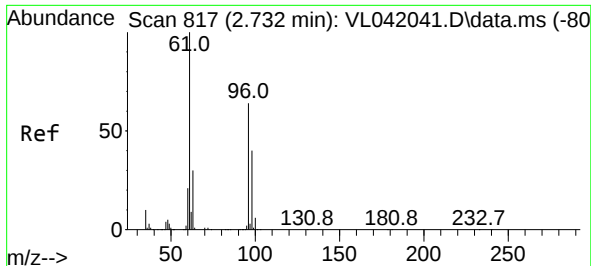
Ion Ratio Lower Upper

84 100

56 135.4 101.5 152.3

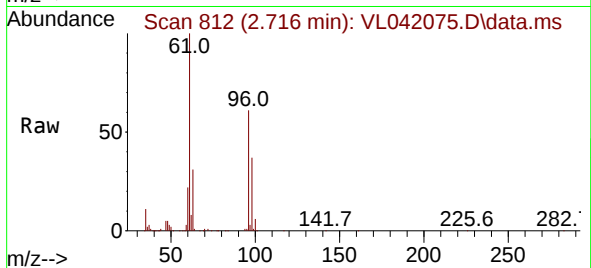
41 88.2 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 8.928 ppbv
 RT: 2.716 min Scan# 817
 Delta R.T. -0.016 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

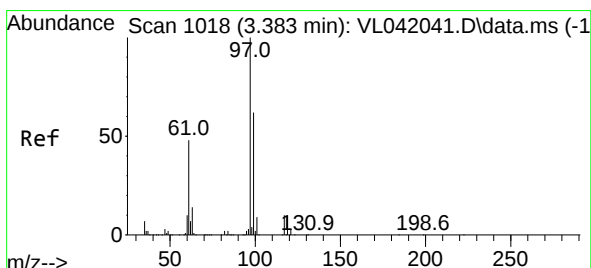
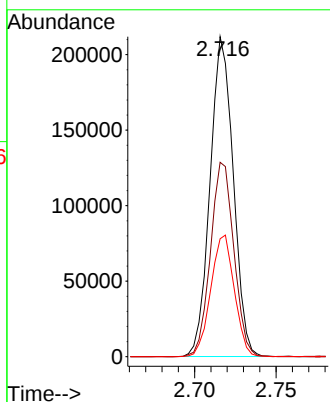
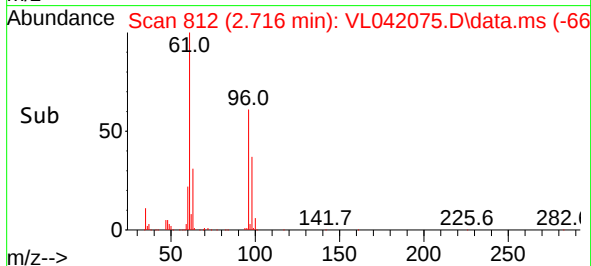
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



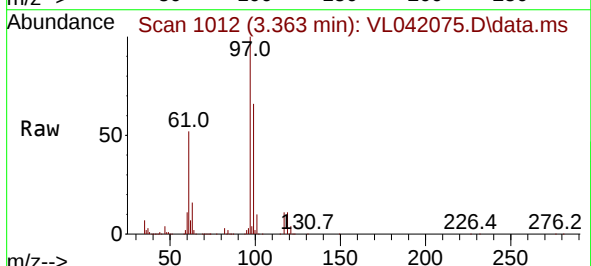
Tgt Ion: 61 Resp: 209328
 Ion Ratio Lower Upper
 61 100
 96 60.8 51.5 77.3
 98 36.9 32.0 48.0

Manual Integrations
 APPROVED

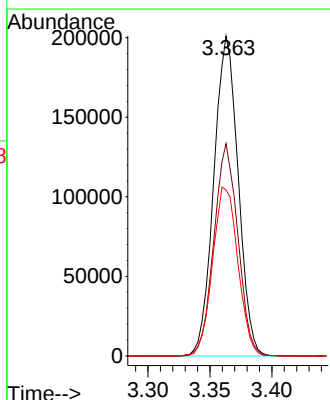
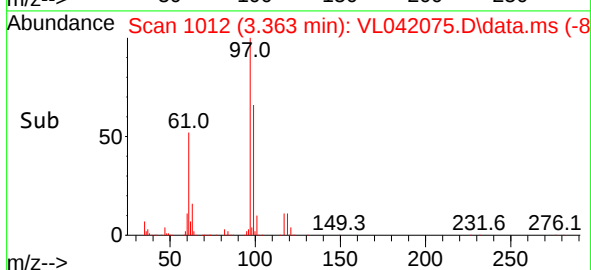
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

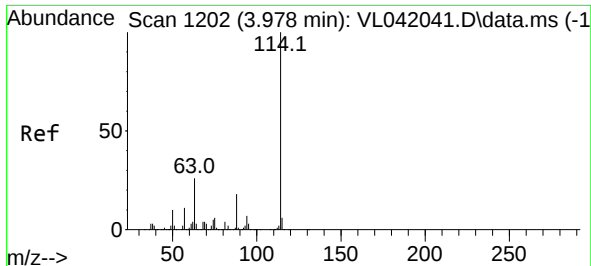


#32
 1,1,1-Trichloroethane
 Concen: 8.522 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.020 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15



Tgt Ion: 97 Resp: 275584
 Ion Ratio Lower Upper
 97 100
 99 65.2 49.8 74.6
 61 55.1 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.026 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 40936

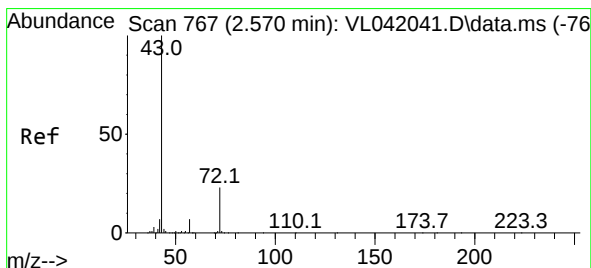
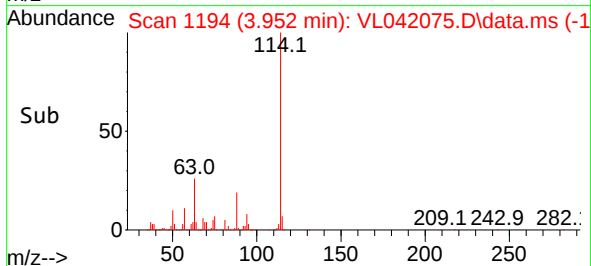
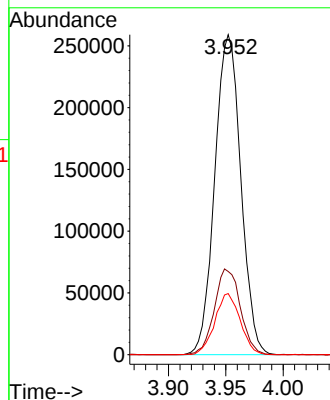
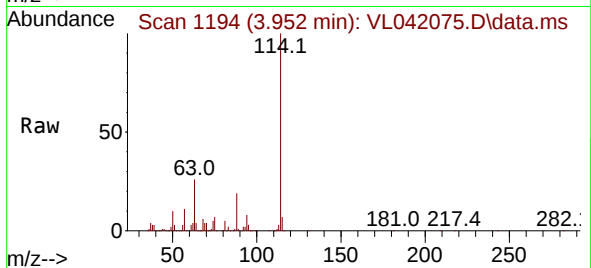
Ion	Ratio	Lower	Upper
114	100		
63	26.7	20.1	30.1
88	18.6	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#34

2-Butanone

Concen: 10.179 ppbv

RT: 2.554 min Scan# 762

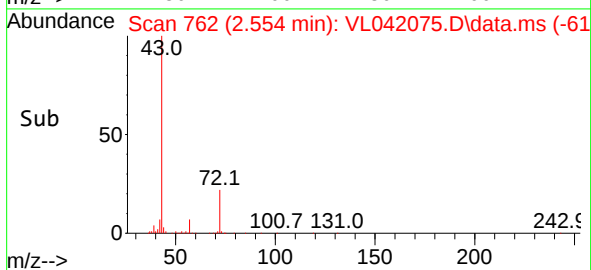
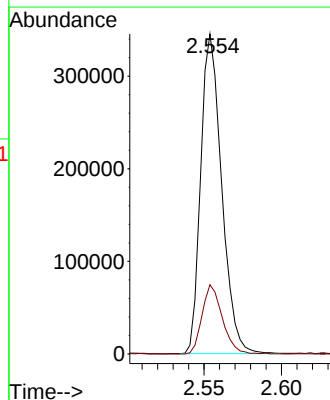
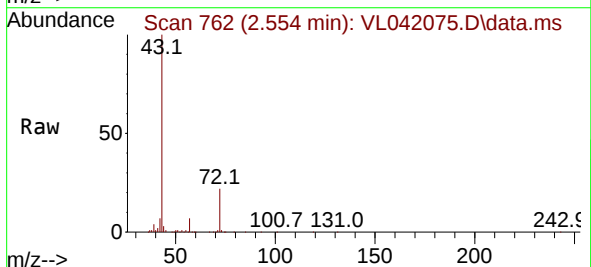
Delta R.T. -0.016 min

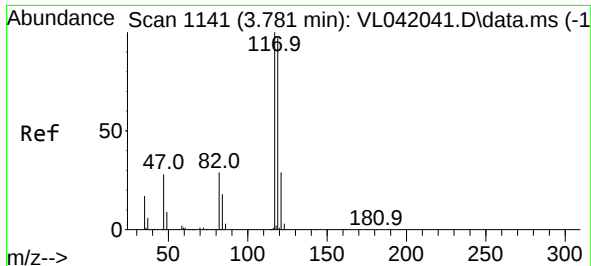
Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Tgt Ion: 43 Resp: 324639

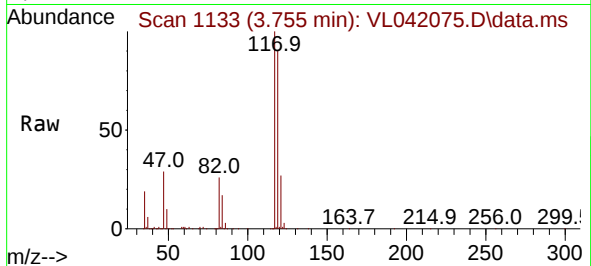
Ion	Ratio	Lower	Upper
43	100		
72	21.0	18.5	27.7





#35
Carbon Tetrachloride
Concen: 9.958 ppbv
RT: 3.755 min Scan# 1110
Delta R.T. -0.026 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

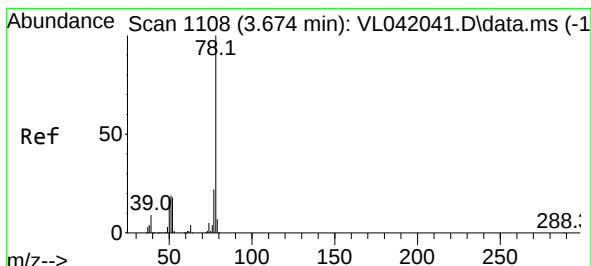
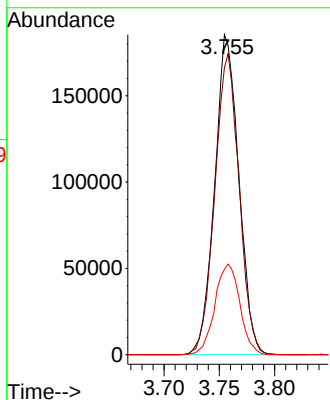
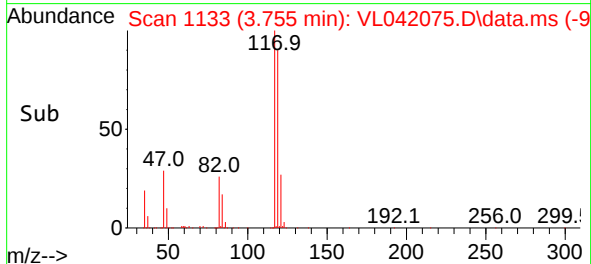
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



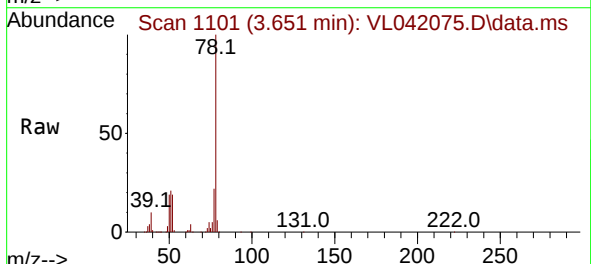
Tgt Ion: 117 Resp: 281100
Ion Ratio Lower Upper
117 100
119 89.7 77.8 116.8
121 26.7 23.4 35.0

Manual Integrations
APPROVED

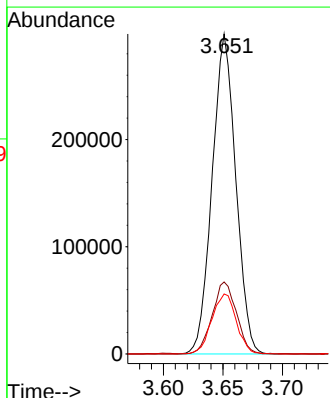
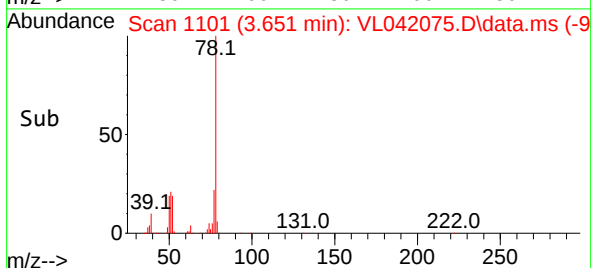
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

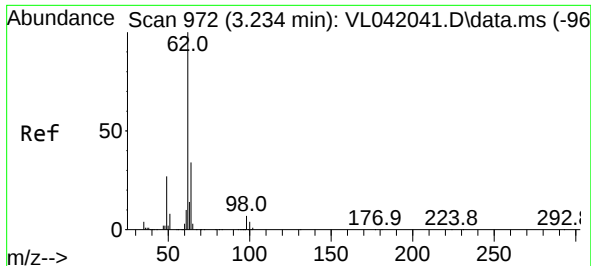


#36
Benzene
Concen: 9.584 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.023 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



Tgt Ion: 78 Resp: 410714
Ion Ratio Lower Upper
78 100
77 22.4 17.7 26.5
50 18.7 13.9 20.9





#37

1,2-Dichloroethane

Concen: 9.908 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.020 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 235420

Ion Ratio Lower Upper

62 100

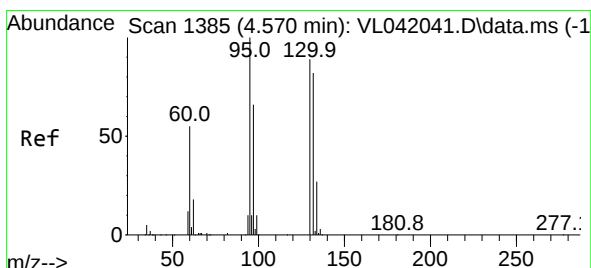
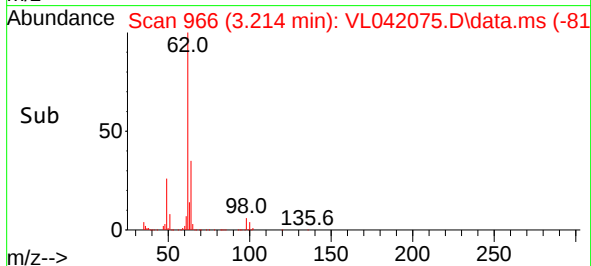
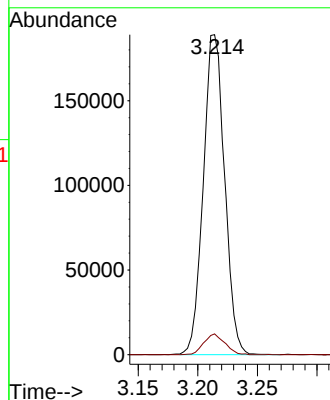
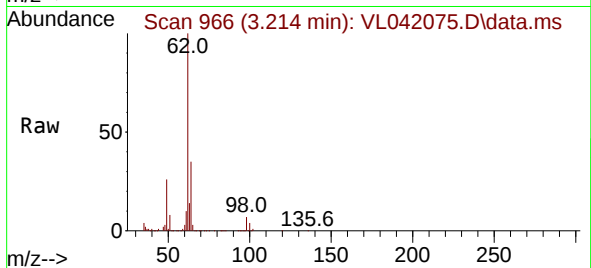
98 6.4 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#38

Trichloroethene

Concen: 8.836 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.029 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Tgt Ion:130 Resp: 154616

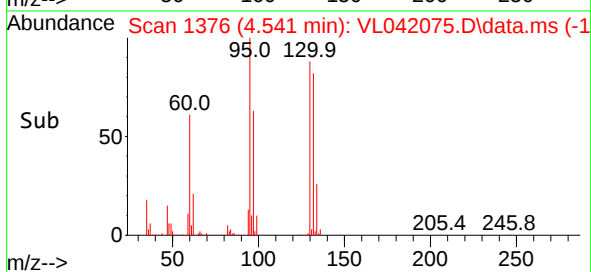
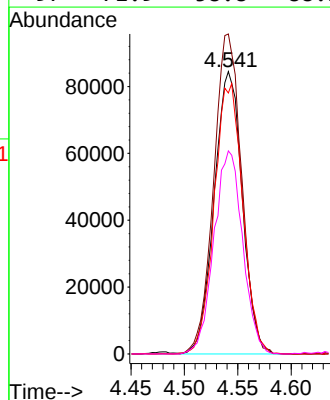
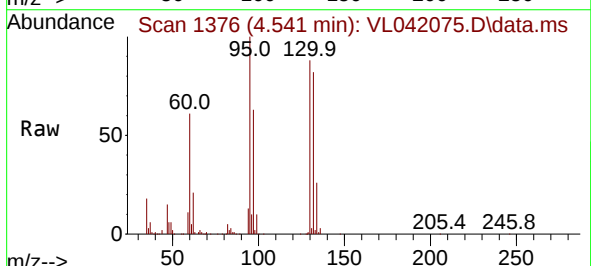
Ion Ratio Lower Upper

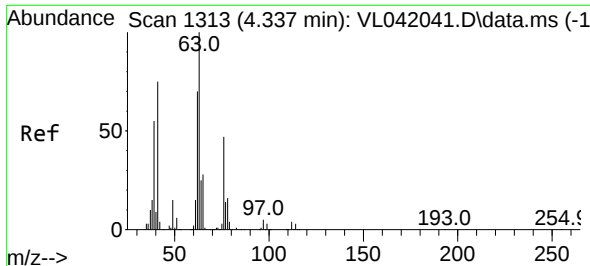
130 100

95 113.3 89.5 134.3

132 92.2 73.8 110.6

97 71.9 58.8 88.2





#39

1,2-Dichloropropane

Concen: 9.776 ppbv

RT: 4.308 min Scan# 1313

Delta R.T. -0.029 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

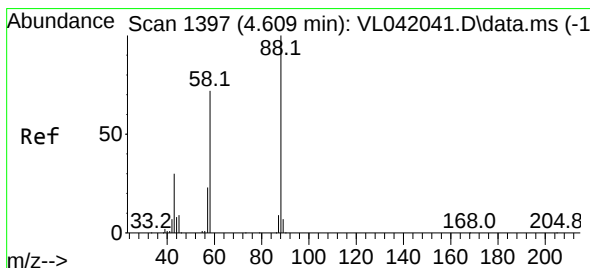
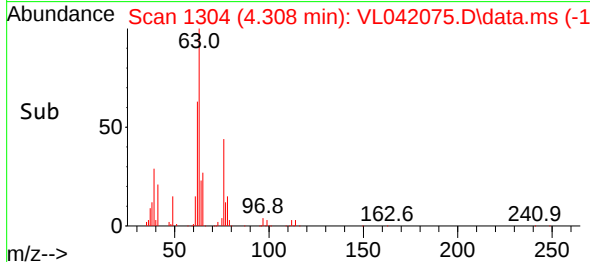
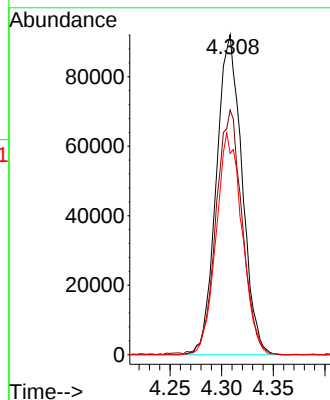
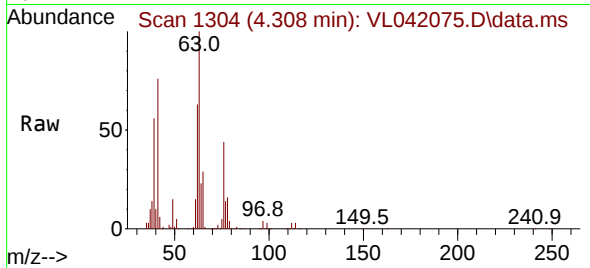
Tgt Ion: 63 Resp: 159010

Ion	Ratio	Lower	Upper
63	100		
41	76.4	60.1	90.1
62	62.9	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#40

1,4-Dioxane

Concen: 9.347 ppbv

RT: 4.577 min Scan# 1387

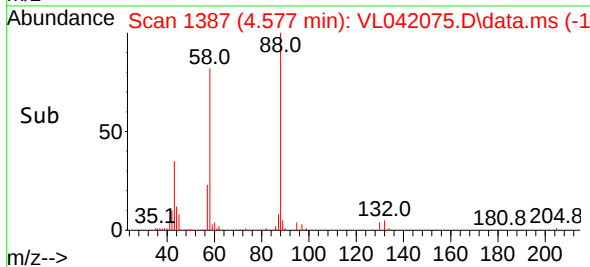
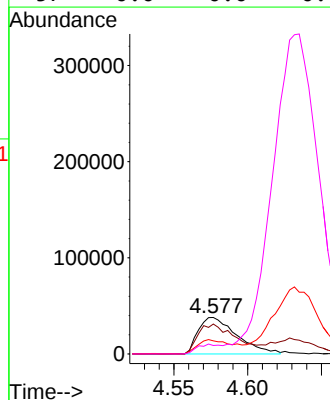
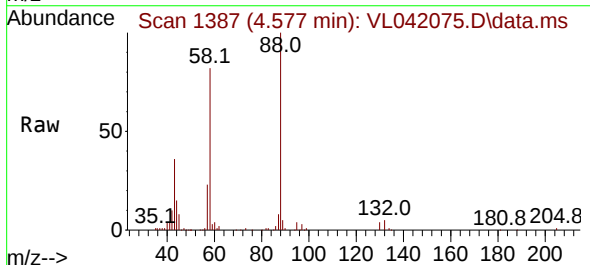
Delta R.T. -0.033 min

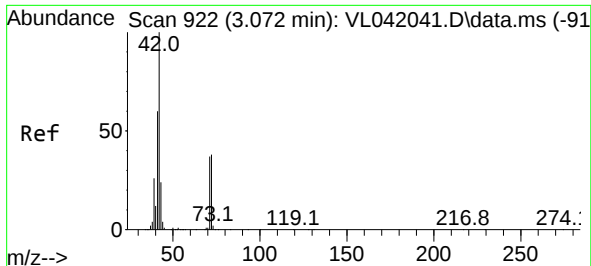
Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Tgt Ion: 88 Resp: 69401

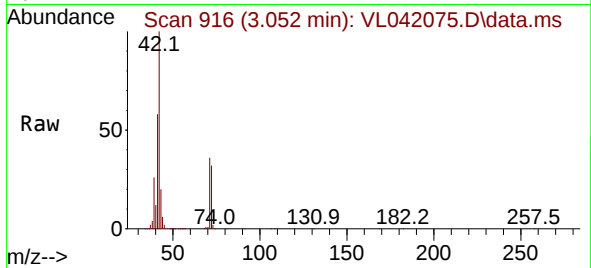
Ion	Ratio	Lower	Upper
88	100		
58	79.0	62.6	94.0
43	36.2	0.0	0.0#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.057 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.020 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

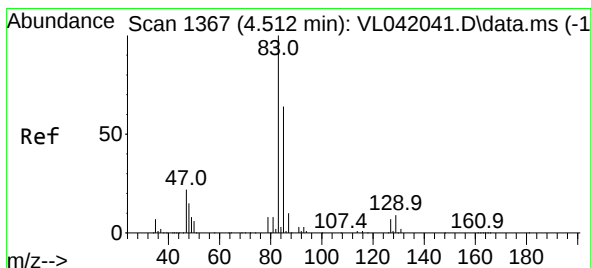
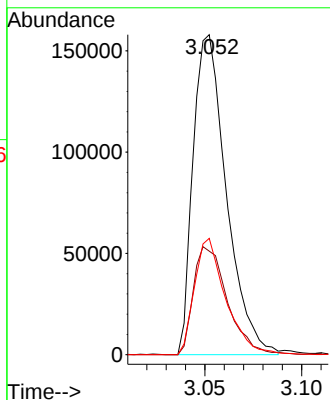
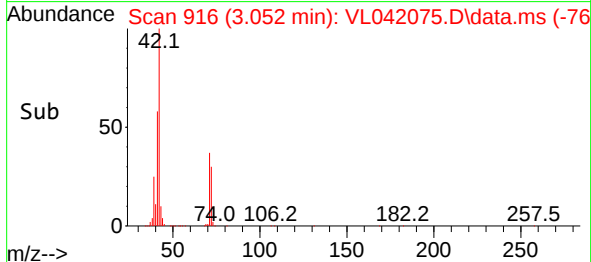
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



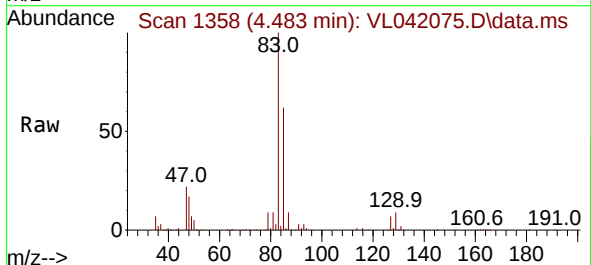
Tgt Ion: 42 Resp: 189509
Ion Ratio Lower Upper
42 100
72 34.6 30.2 45.2
71 34.3 28.2 42.4

Manual Integrations
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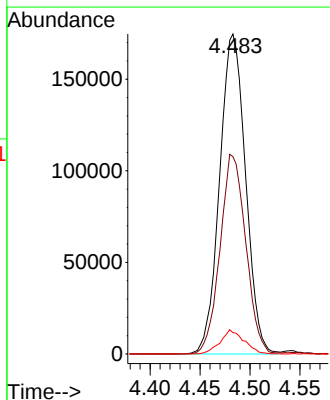
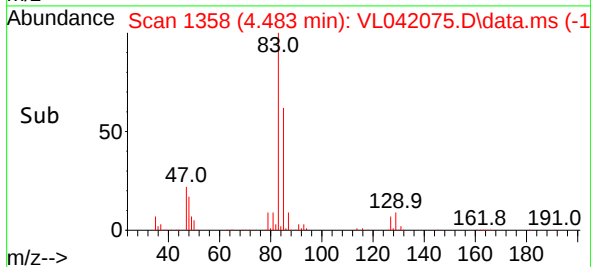
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

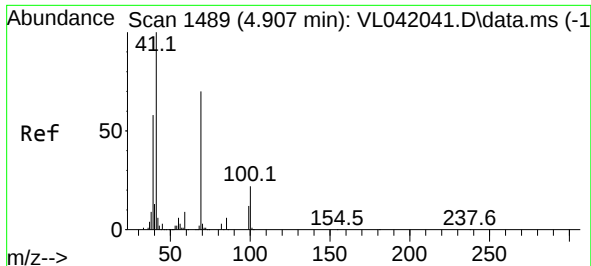


#42
Bromodichloromethane
Concen: 9.852 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.029 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



Tgt Ion: 83 Resp: 315387
Ion Ratio Lower Upper
83 100
85 61.7 51.4 77.2
127 6.6 5.8 8.6





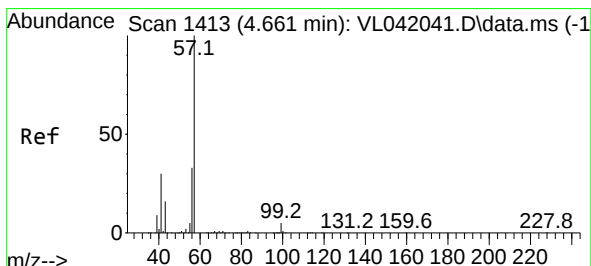
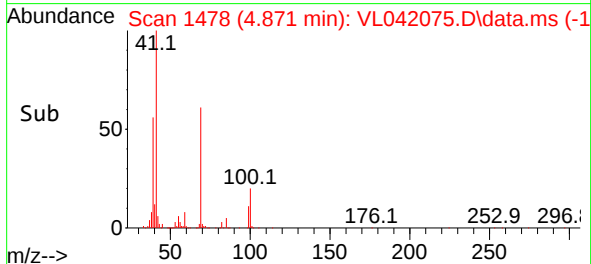
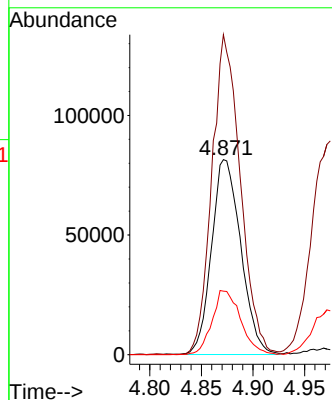
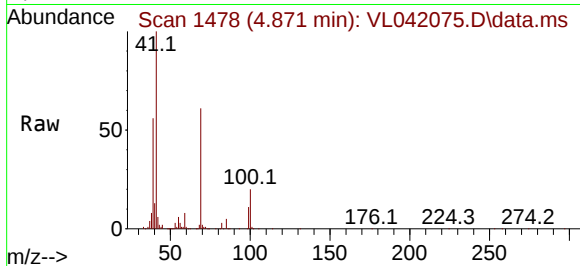
#43
Methyl Methacrylate
Concen: 9.589 ppbv
RT: 4.871 min Scan# 1405
Delta R.T. -0.036 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 160485
Ion Ratio Lower Upper
69 100
41 159.7 118.2 177.4
100 32.2 27.0 40.4

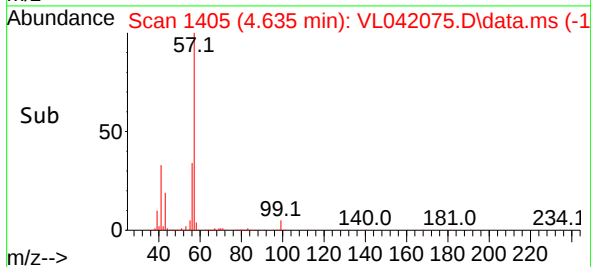
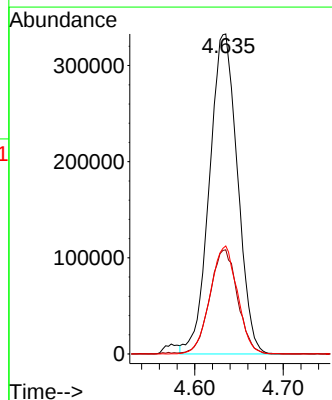
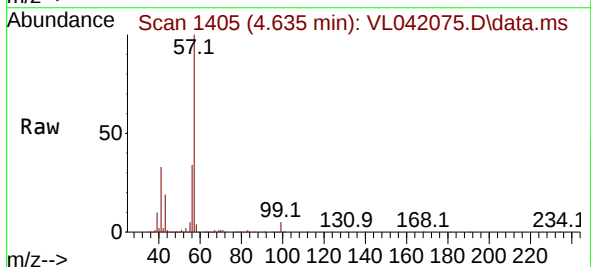
Manual Integrations
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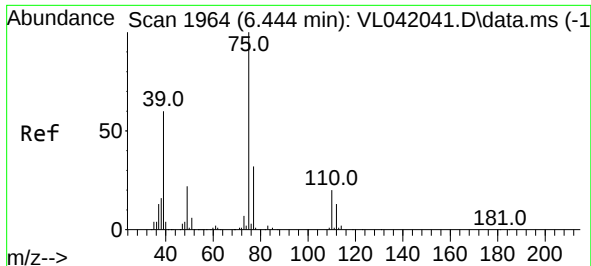
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#44
2,2,4-Trimethylpentane
Concen: 9.675 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.026 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 57 Resp: 731737
Ion Ratio Lower Upper
57 100
41 32.7 24.4 36.6
56 33.0 26.5 39.7





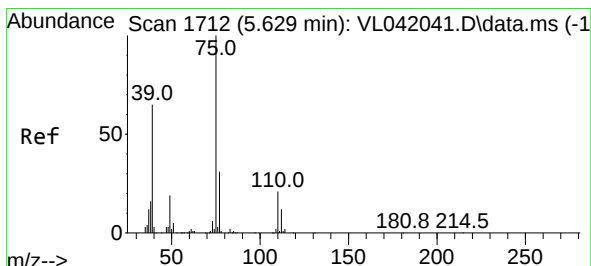
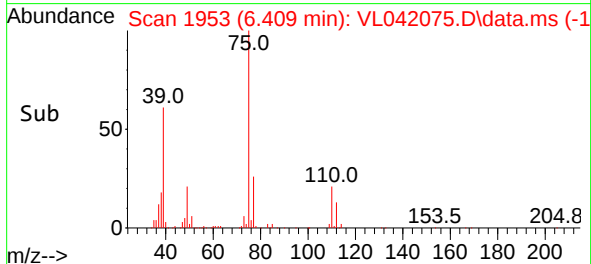
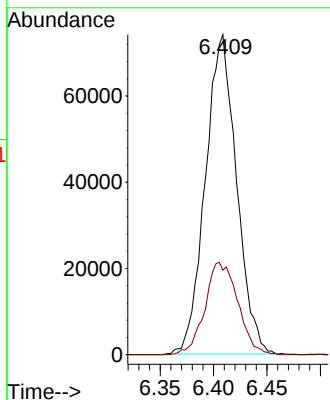
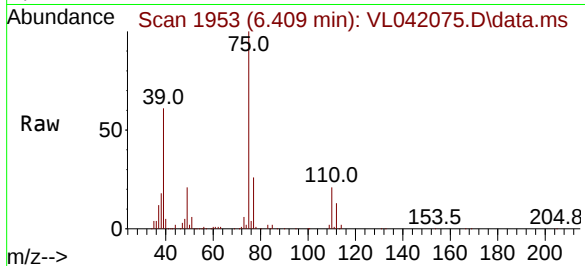
#45
t-1,3-Dichloropropene
Concen: 9.033 ppbv
RT: 6.409 min Scan# 1964
Delta R.T. -0.036 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 150198
Ion Ratio Lower Upper
75 100
77 26.4 25.9 38.9

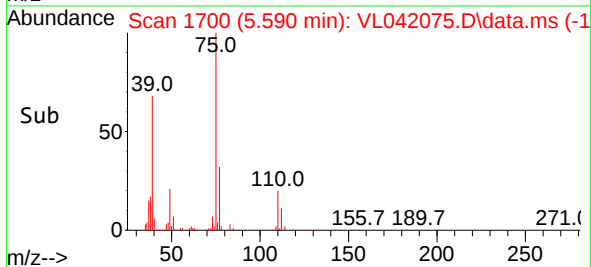
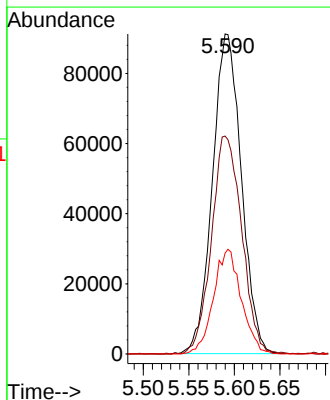
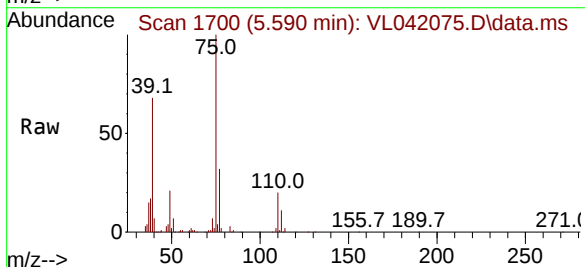
Manual Integrations
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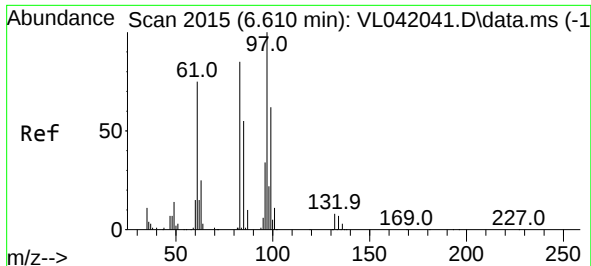
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#46
cis-1,3-Dichloropropene
Concen: 9.360 ppbv
RT: 5.590 min Scan# 1700
Delta R.T. -0.039 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 75 Resp: 201389
Ion Ratio Lower Upper
75 100
39 68.0 51.9 77.9
77 31.5 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.419 ppbv

RT: 6.574 min Scan# 2015

Delta R.T. -0.036 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 155548

Ion Ratio Lower Upper

97 100

83 93.2 68.1 102.1

85 56.8 44.0 66.0

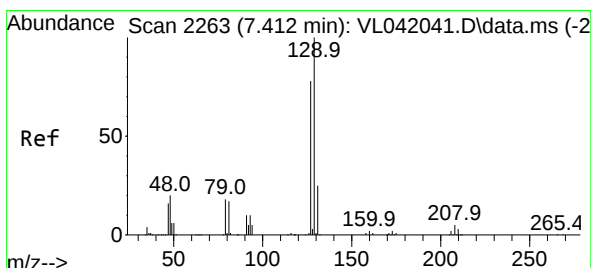
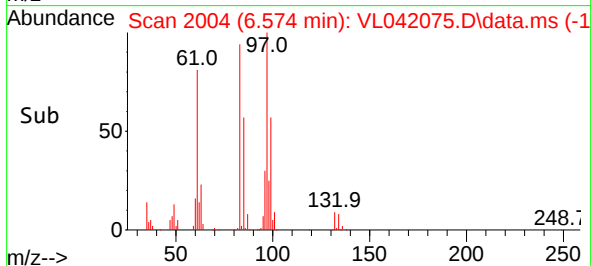
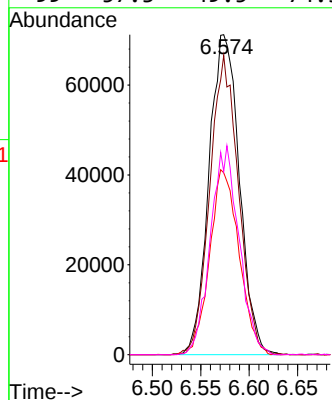
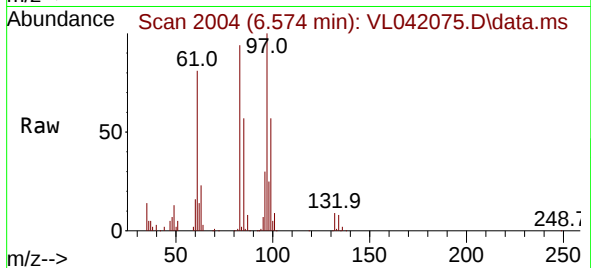
99 57.3 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#48

Dibromochloromethane

Concen: 9.456 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.033 min

Lab File: VL042075.D

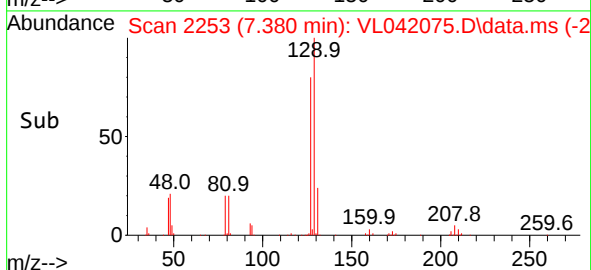
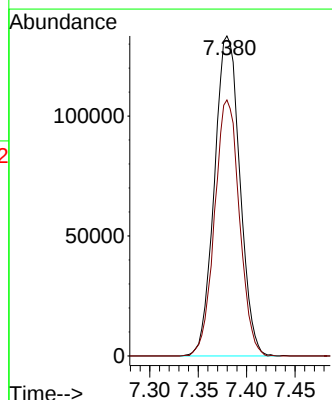
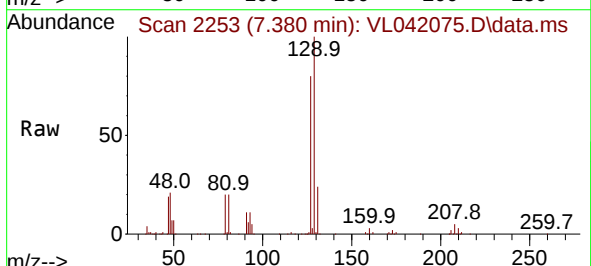
Acq: 03 Mar 2025 12:15

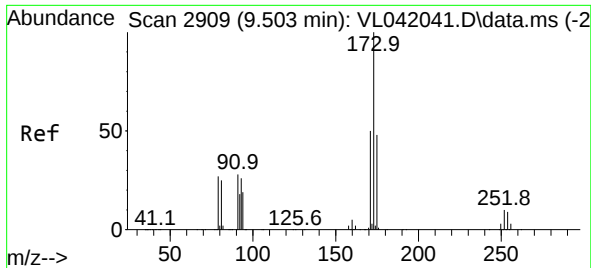
Tgt Ion:129 Resp: 244551

Ion Ratio Lower Upper

129 100

127 78.0 38.6 115.8





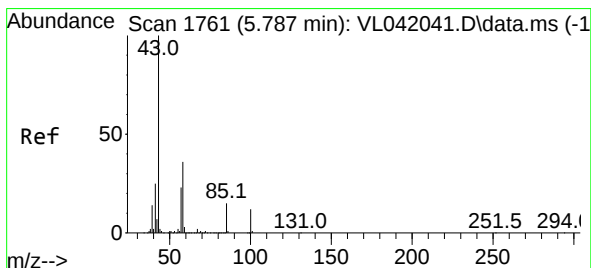
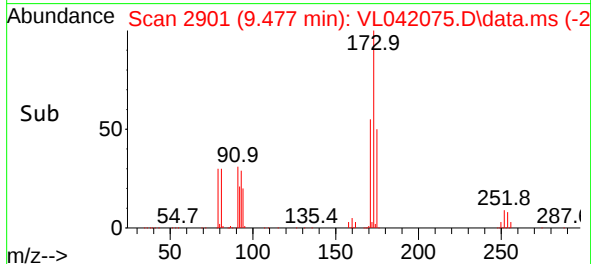
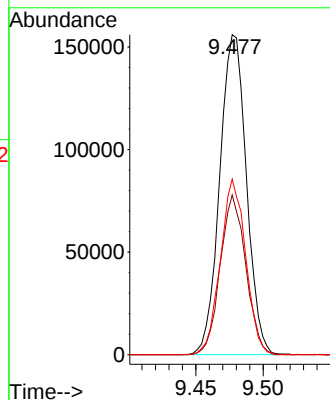
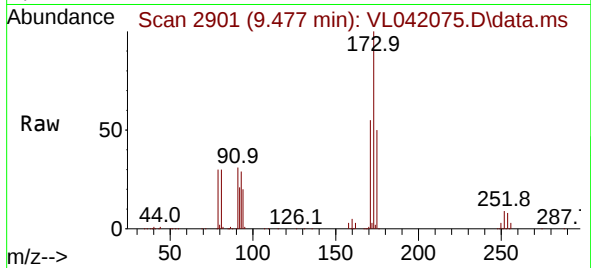
#49
Bromoform
Concen: 9.576 ppbv
RT: 9.477 min Scan# 2909
Delta R.T. -0.026 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 215068
Ion Ratio Lower Upper
173 100
175 47.7 38.3 57.5
171 51.9 40.2 60.2

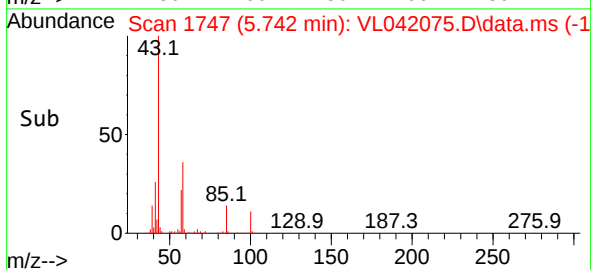
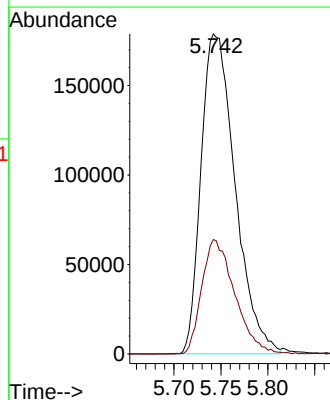
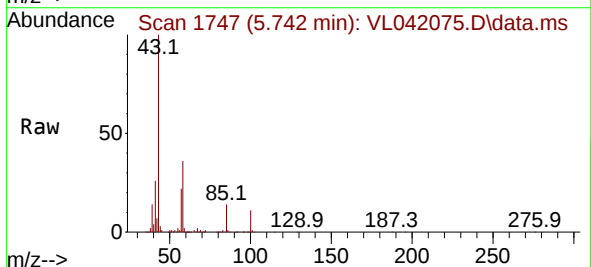
Manual Integrations
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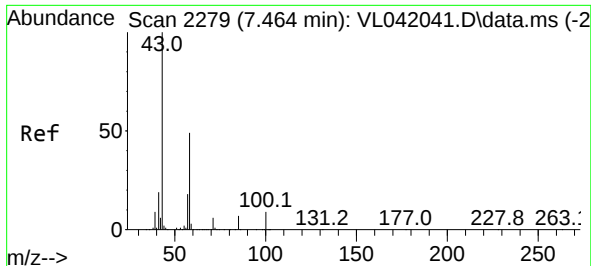
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#50
4-Methyl-2-Pentanone
Concen: 10.937 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. -0.046 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 43 Resp: 451104
Ion Ratio Lower Upper
43 100
58 34.8 29.3 43.9





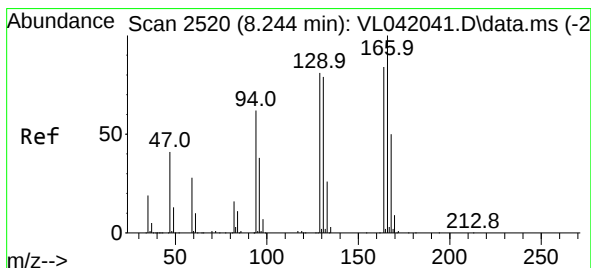
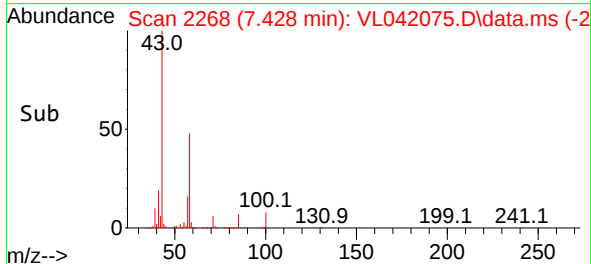
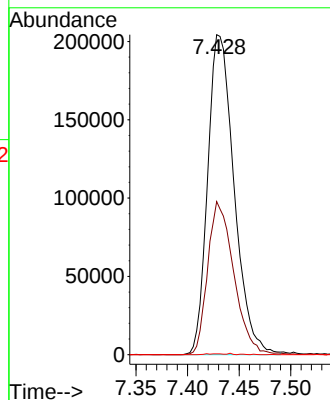
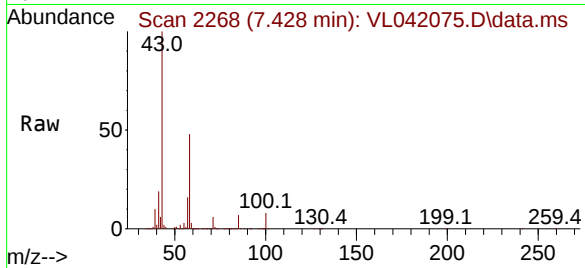
#51
2-Hexanone
Concen: 12.824 ppbv
RT: 7.428 min Scan# 2112
Delta R.T. -0.036 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 36404
Ion Ratio Lower Upper
43 100
58 47.3 39.0 58.6
98 0.3 0.1 0.1

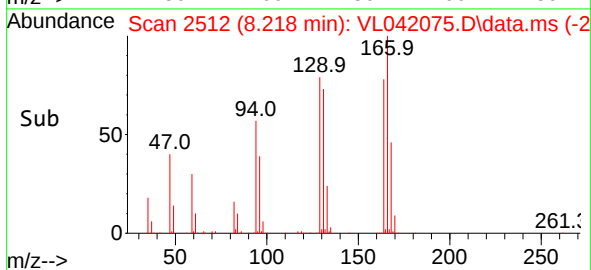
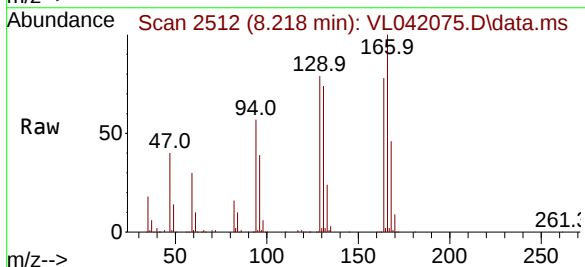
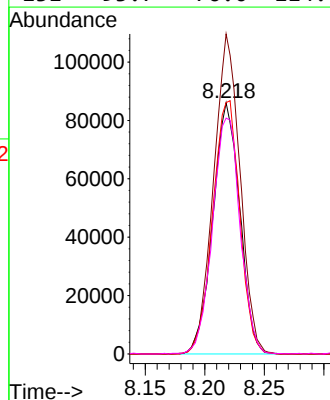
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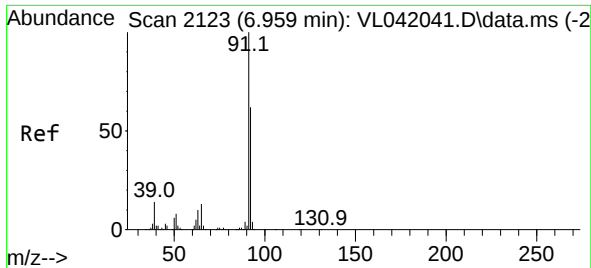
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#52
Tetrachloroethene
Concen: 9.205 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.026 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion:164 Resp: 135049
Ion Ratio Lower Upper
164 100
166 127.4 95.7 143.5
129 100.1 77.1 115.7
131 93.7 76.0 114.0





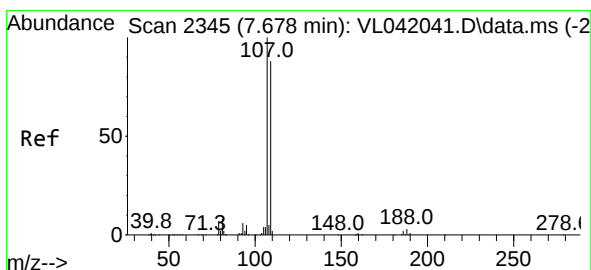
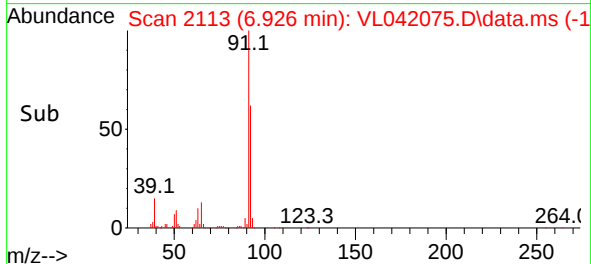
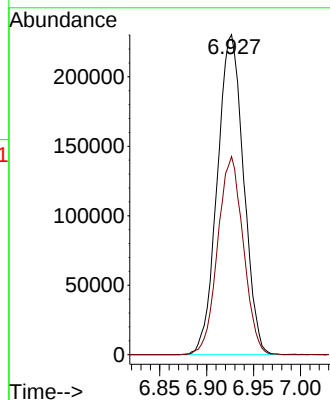
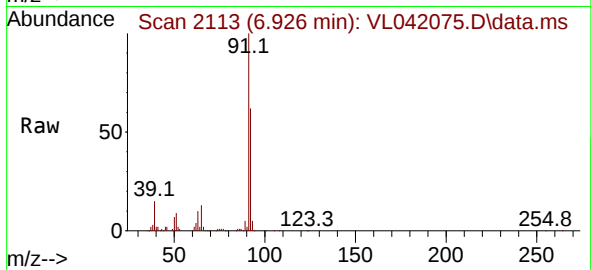
#53
Toluene
Concen: 9.368 ppbv
RT: 6.926 min Scan# 2113
Delta R.T. -0.033 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 448652
Ion Ratio Lower Upper
91 100
92 60.3 49.0 73.6

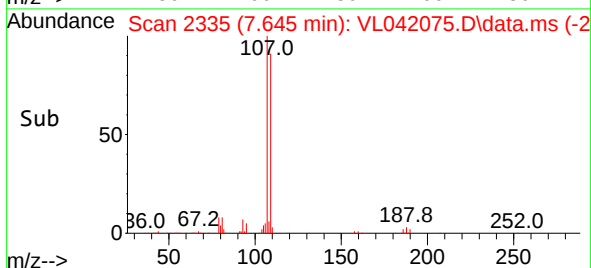
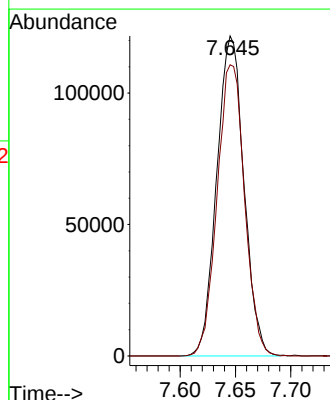
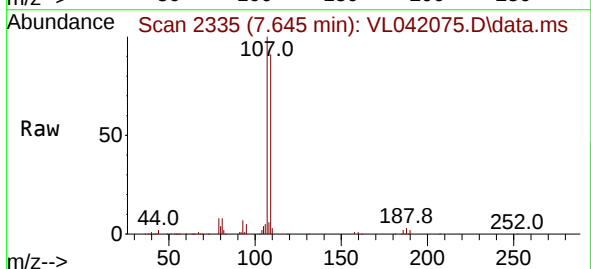
Manual Integrations
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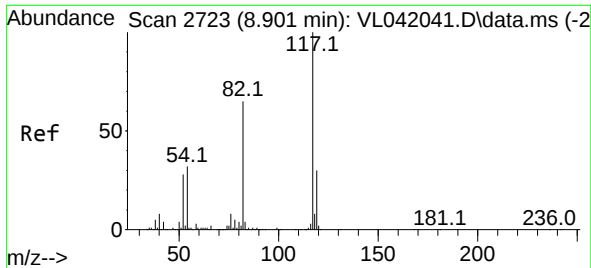
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#54
1,2-Dibromoethane
Concen: 9.302 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.033 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

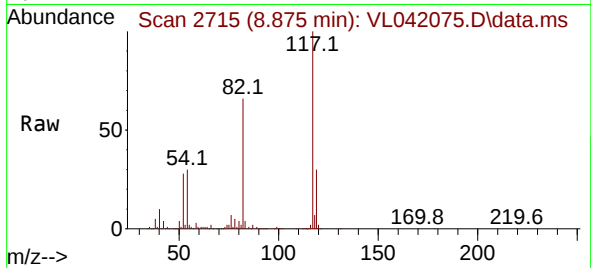
Tgt Ion:107 Resp: 207672
Ion Ratio Lower Upper
107 100
109 91.0 70.2 105.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

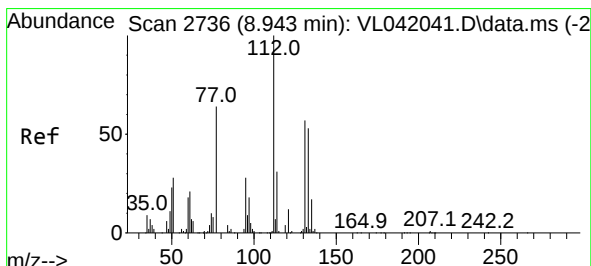
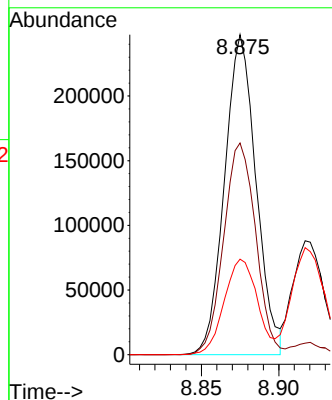
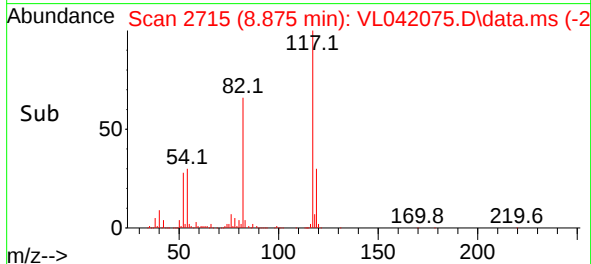
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 350230
Ion Ratio Lower Upper
117 100
82 71.0 55.0 82.6
119 32.6 25.9 38.9

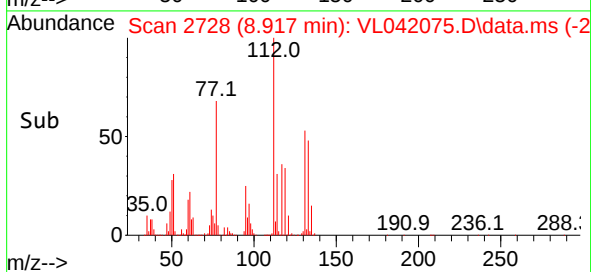
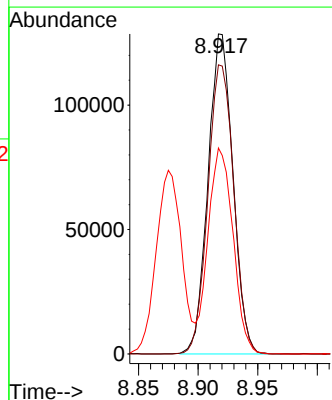
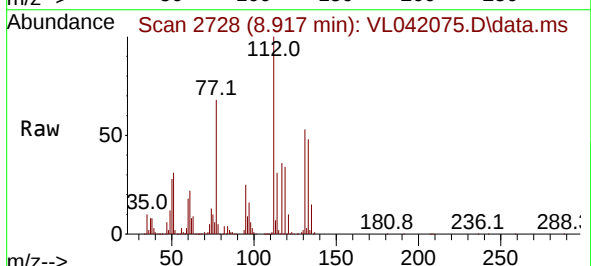
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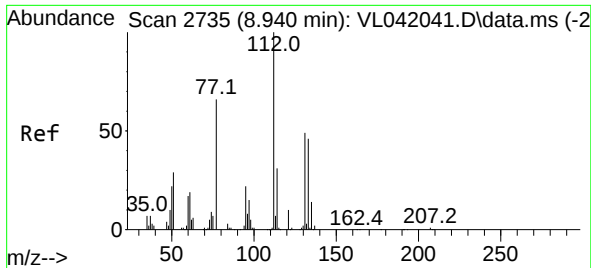
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.414 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. -0.026 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion:131 Resp: 186364
Ion Ratio Lower Upper
131 100
133 94.1 75.8 113.8
119 65.9 52.1 78.1





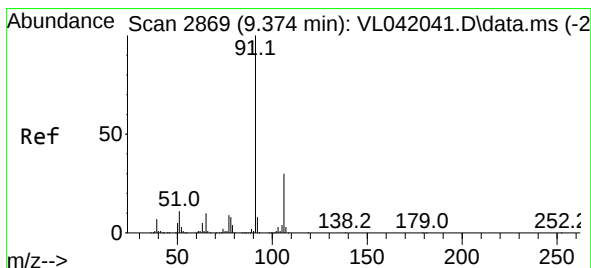
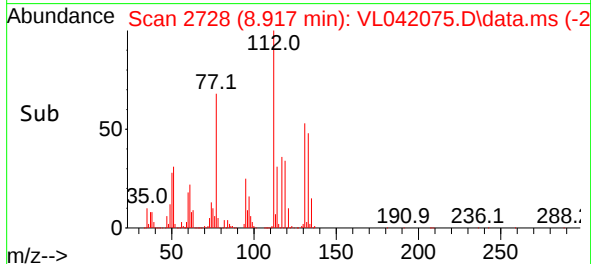
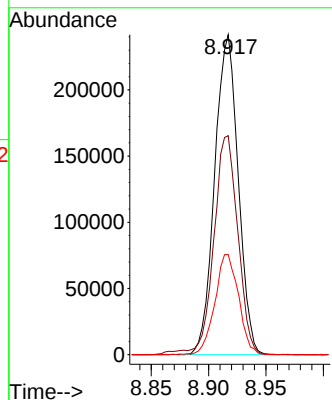
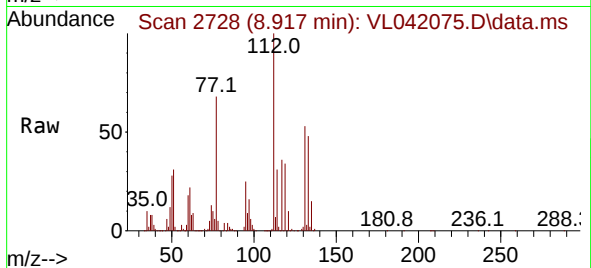
#57
Chlorobenzene
Concen: 9.485 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 344415
Ion Ratio Lower Upper
112 100
77 68.4 53.4 80.2
114 31.3 28.3 34.5

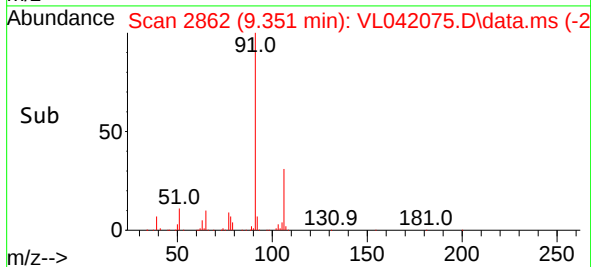
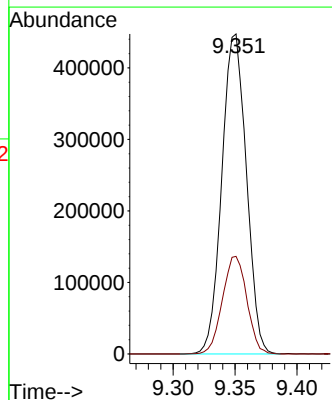
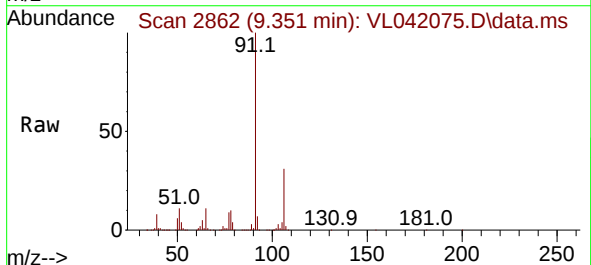
Manual Integrations
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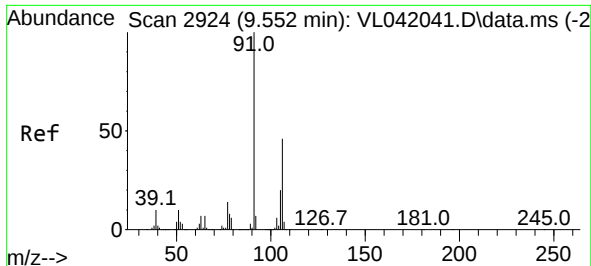
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#58
Ethyl Benzene
Concen: 9.578 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.023 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 91 Resp: 617808
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2





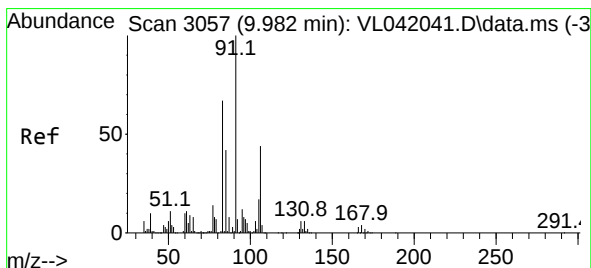
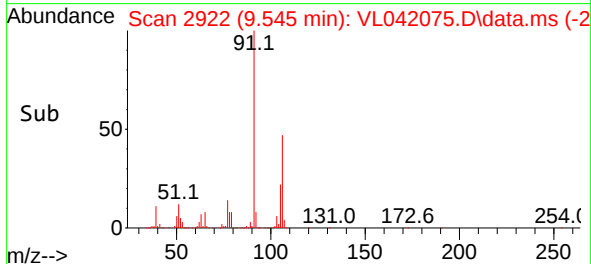
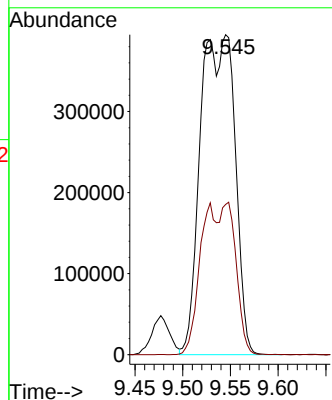
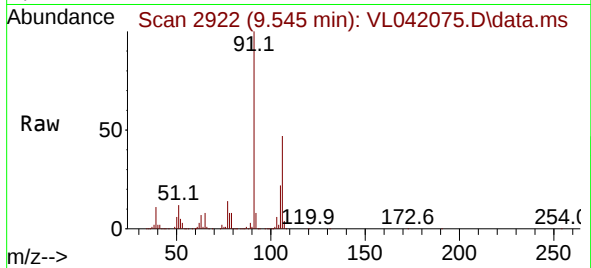
#59
m/p-Xylene
Concen: 19.467 ppbv m
RT: 9.545 min Scan# 2924
Delta R.T. -0.007 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 99920
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

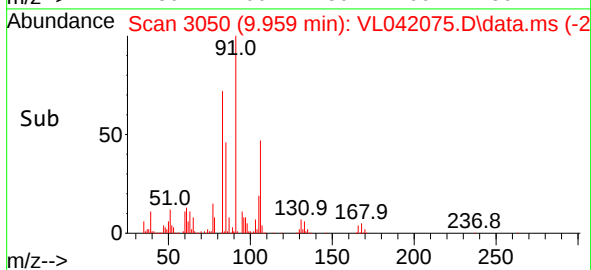
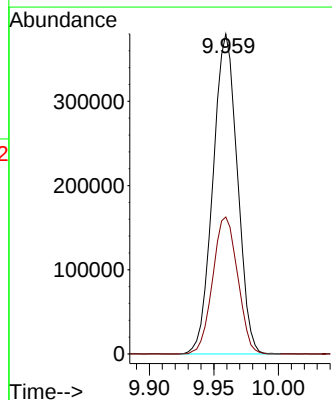
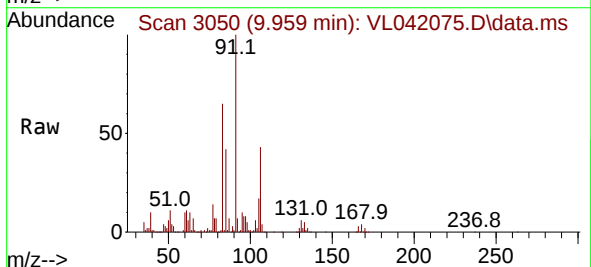
Manual Integrations
APPROVED

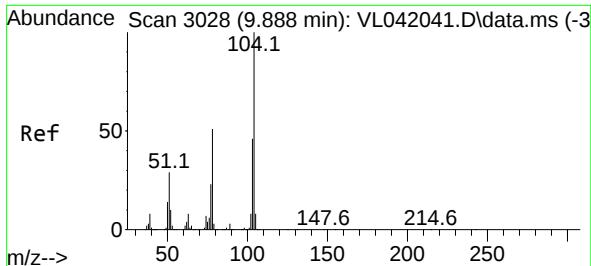
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#60
o-Xylene
Concen: 9.674 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.023 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion: 91 Resp: 499183
Ion Ratio Lower Upper
91 100
106 43.8 22.3 66.8





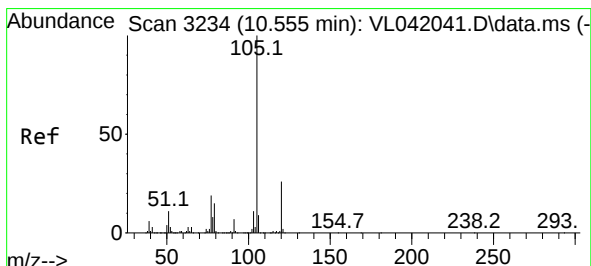
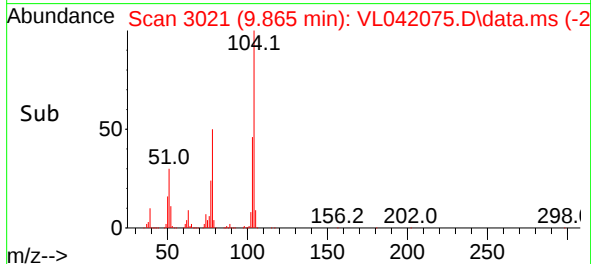
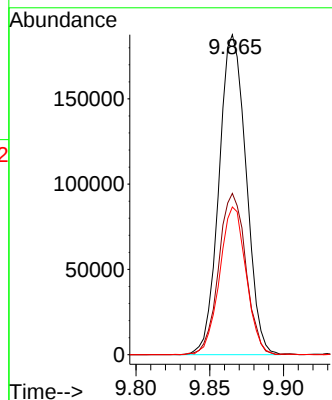
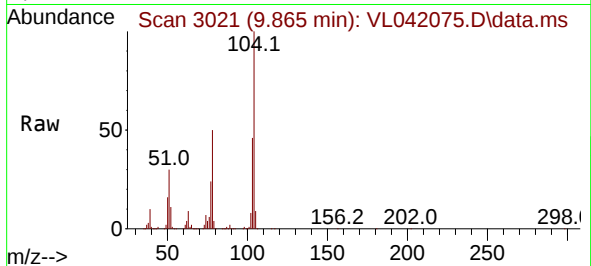
#61
Styrene
Concen: 9.888 ppbv
RT: 9.865 min Scan# 3028
Delta R.T. -0.023 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 23989
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.4
103 45.3 37.0 55.6

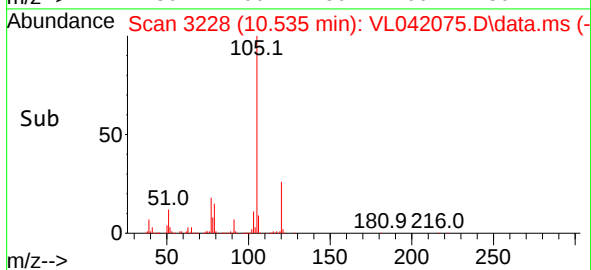
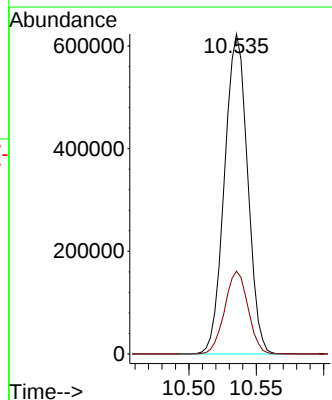
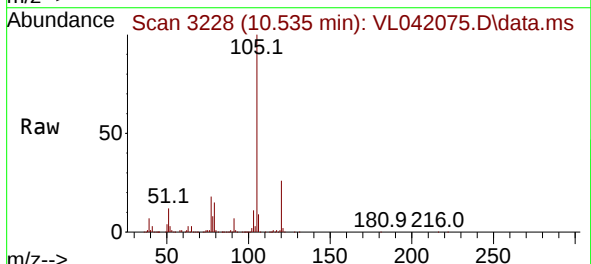
Manual Integrations
APPROVED

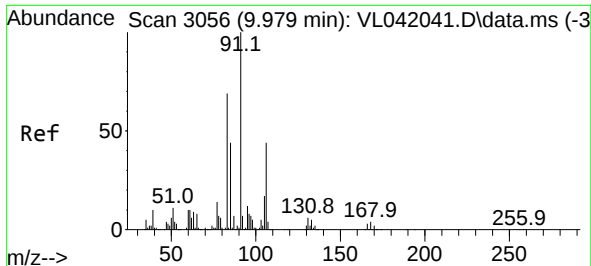
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#62
Isopropylbenzene
Concen: 9.602 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.020 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

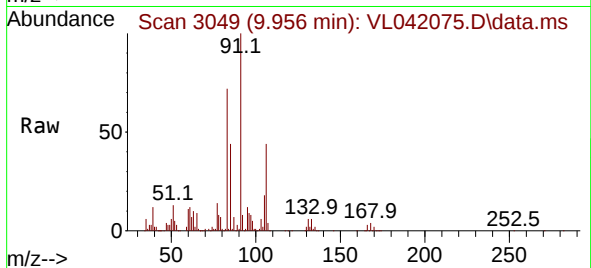
Tgt Ion:105 Resp: 742029
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.647 ppbv
RT: 9.956 min Scan# 3056
Delta R.T. -0.023 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

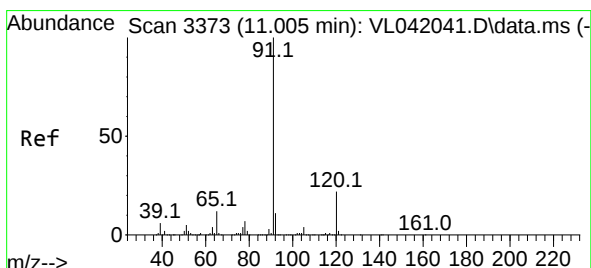
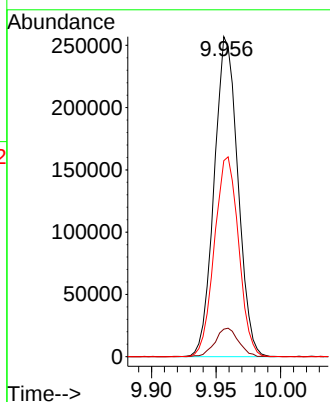
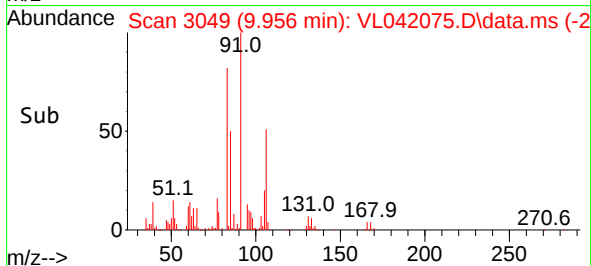
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



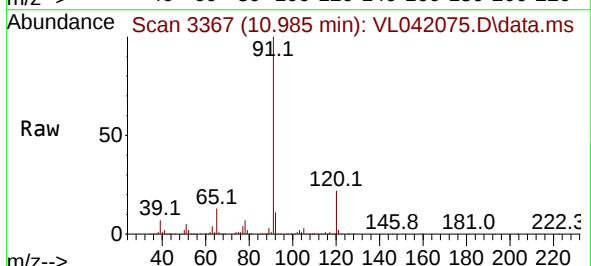
Tgt Ion: 83 Resp: 327820
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 63.7 32.1 96.3

Manual Integrations
APPROVED

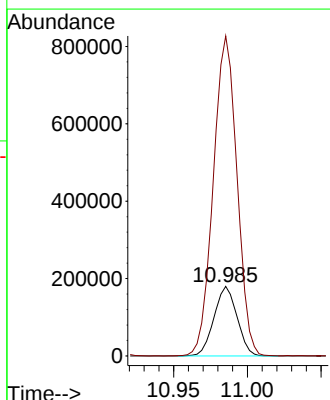
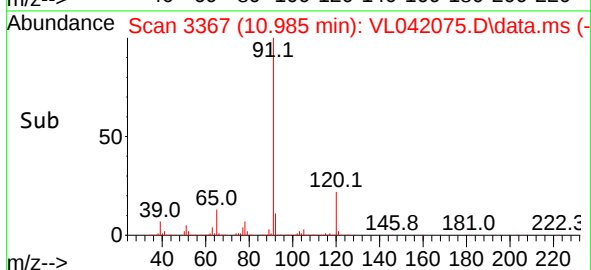
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

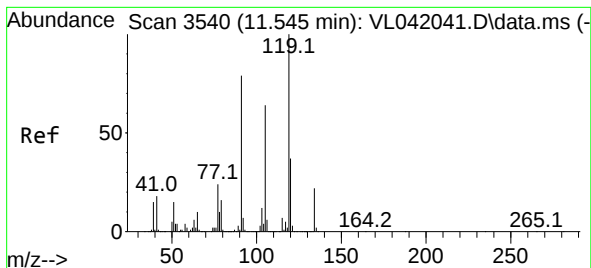


#64
n-propylbenzene
Concen: 9.618 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.020 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



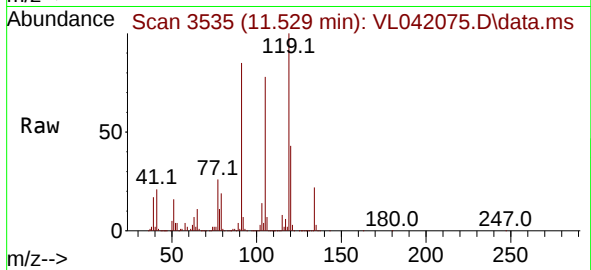
Tgt Ion:120 Resp: 194972
Ion Ratio Lower Upper
120 100
91 475.2 370.6 556.0





#65
tert-Butylbenzene
Concen: 9.316 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.016 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

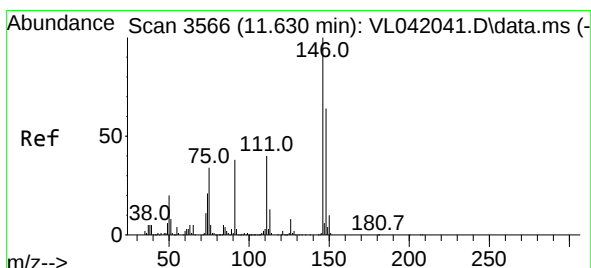
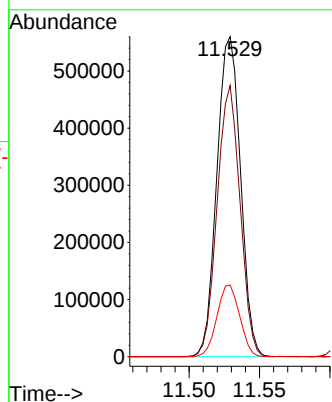
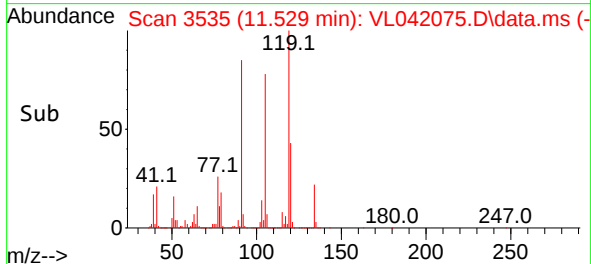
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



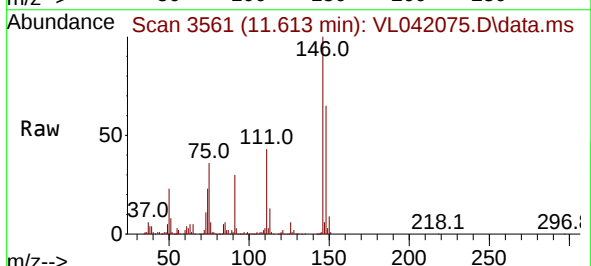
Tgt Ion: 119 Resp: 655219
Ion Ratio Lower Upper
119 100
91 82.2 64.2 96.2
134 21.5 17.4 26.2

Manual Integrations
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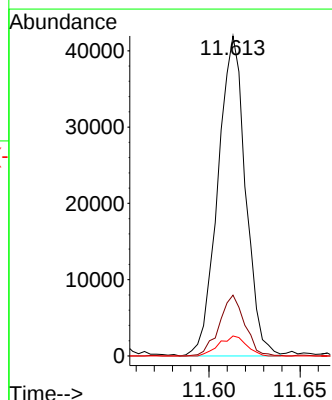
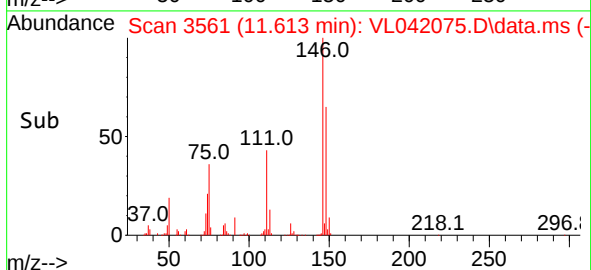
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

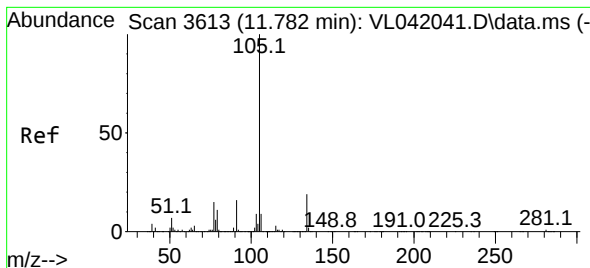


#66
Benzyl Chloride
Concen: 8.247 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.016 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



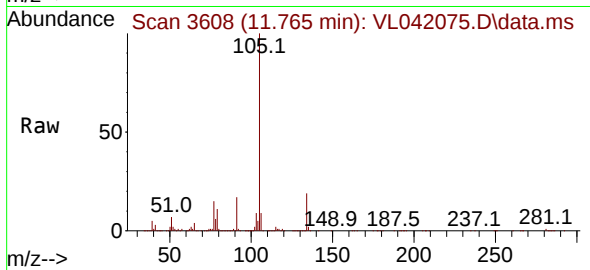
Tgt Ion: 91 Resp: 44259
Ion Ratio Lower Upper
91 100
126 17.6 14.5 21.7
128 6.2 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 9.509 ppbv
 RT: 11.765 min Scan# 3177
 Delta R.T. -0.016 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

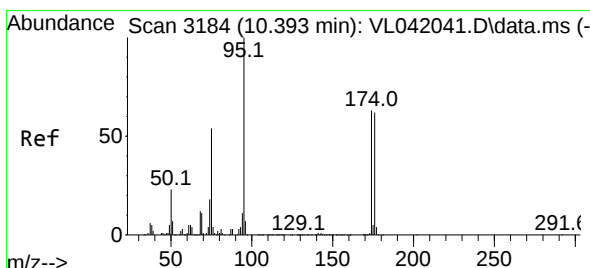
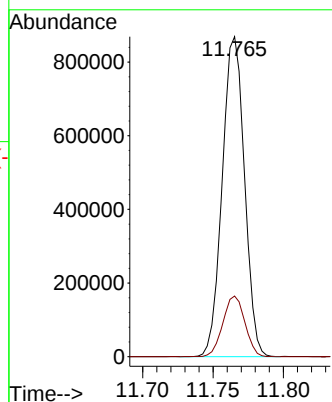
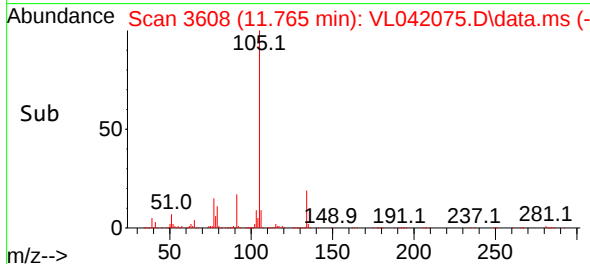
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



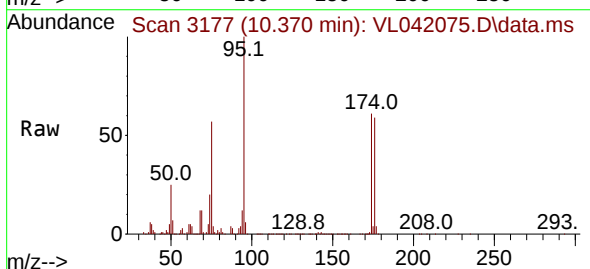
Tgt Ion: 105 Resp: 95646
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3

Manual Integrations
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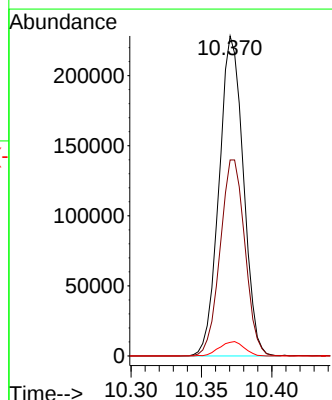
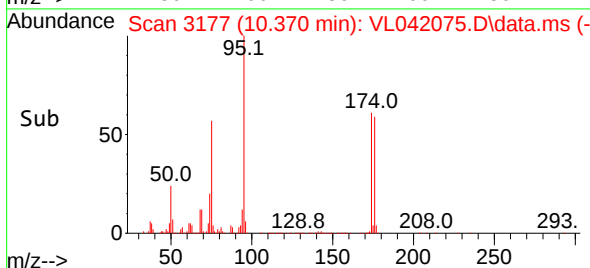
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

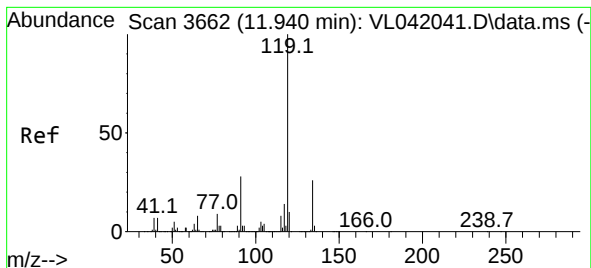


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.156 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.023 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15



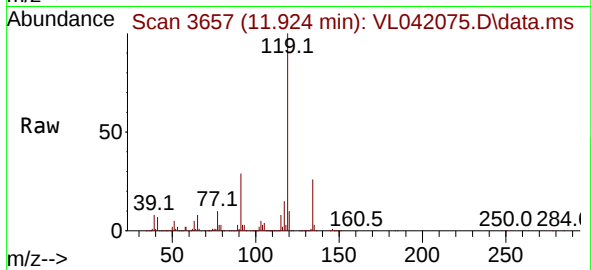
Tgt Ion: 95 Resp: 273654
 Ion Ratio Lower Upper
 95 100
 174 62.8 51.8 77.6
 175 4.6 3.9 5.9





#69
p-Isopropyltoluene
Concen: 9.669 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.016 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

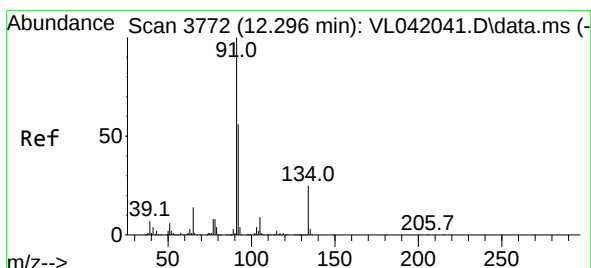
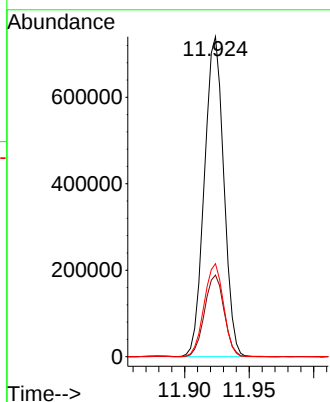
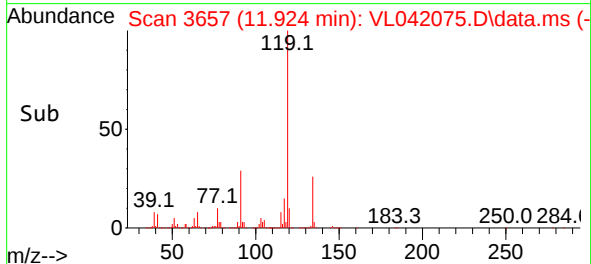
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



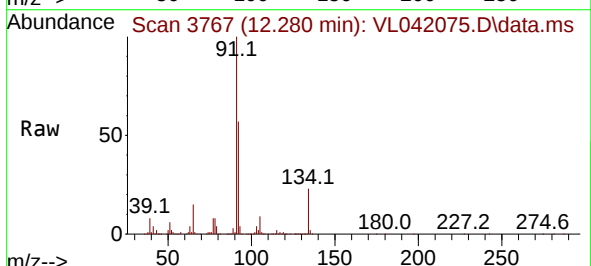
Tgt Ion: 119 Resp: 773774
Ion Ratio Lower Upper
119 100
134 25.8 20.9 31.3
91 29.3 23.1 34.7

Manual Integrations
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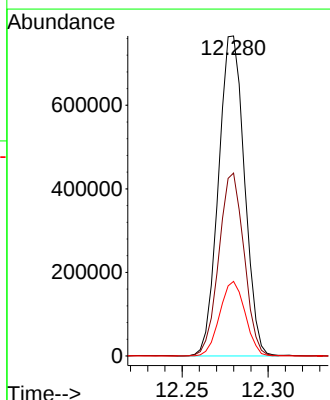
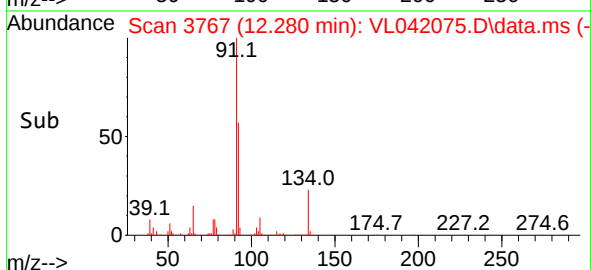
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

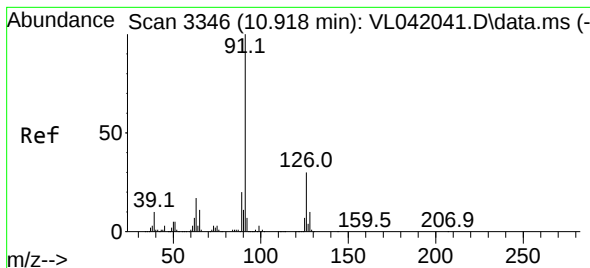


#70
n-Butylbenzene
Concen: 9.837 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.016 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



Tgt Ion: 91 Resp: 803607
Ion Ratio Lower Upper
91 100
92 55.7 44.7 67.1
134 22.8 18.9 28.3





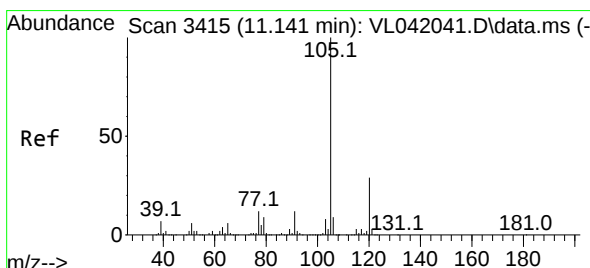
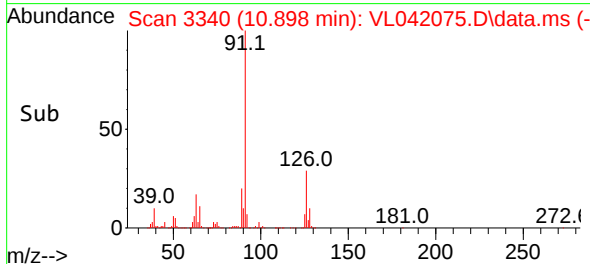
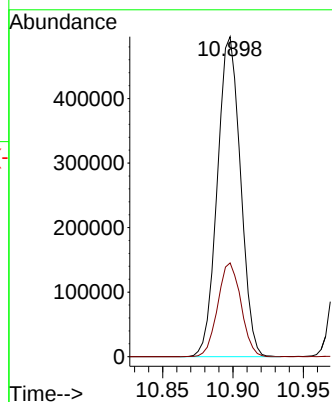
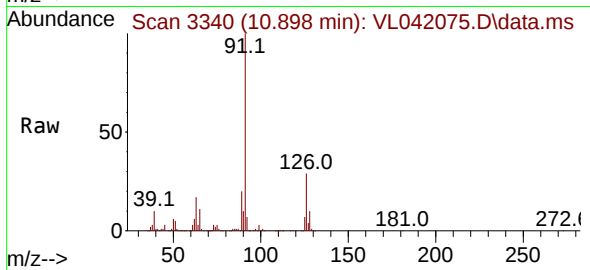
#71
2-Chlorotoluene
Concen: 9.541 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.020 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 56842
Ion Ratio Lower Upper
91 100
126 29.4 11.9 47.5

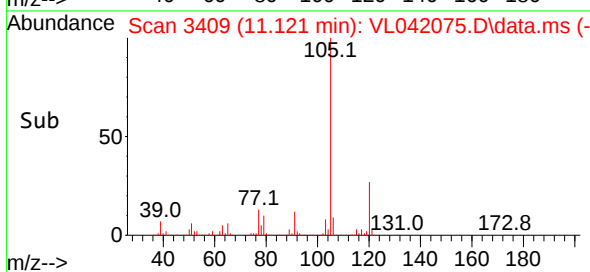
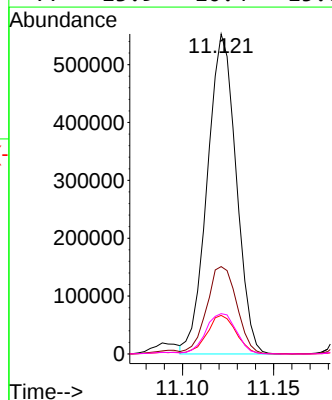
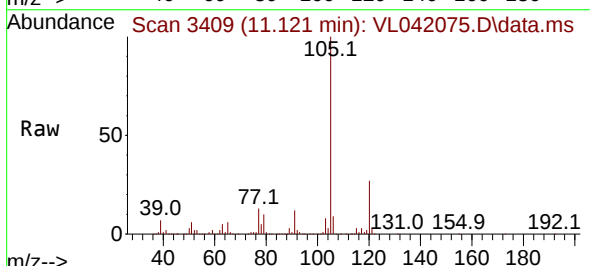
Manual Integrations
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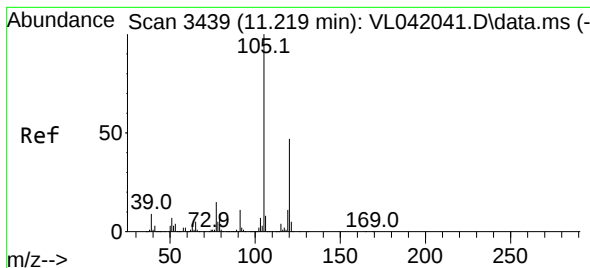
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#72
4-Ethyltoluene
Concen: 9.647 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.020 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

Tgt Ion:105 Resp: 607815
Ion Ratio Lower Upper
105 100
120 29.5 24.1 36.1
91 12.8 10.2 15.4
77 13.9 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 9.447 ppbv

RT: 11.199 min Scan# 3439

Delta R.T. -0.020 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 516320

Ion Ratio Lower Upper

105 100

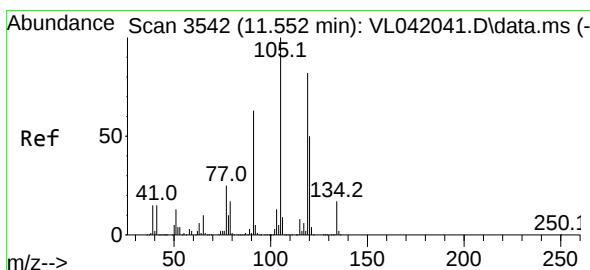
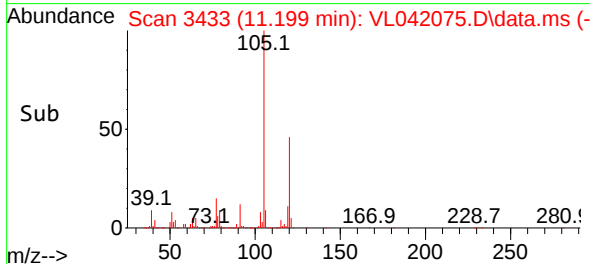
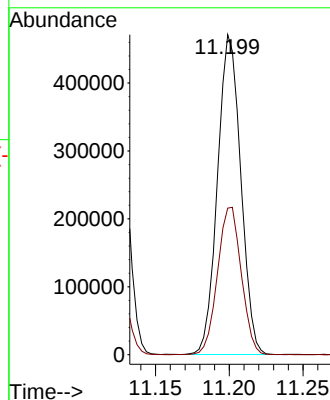
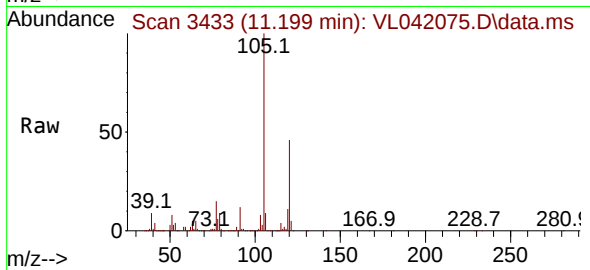
120 45.8 37.4 56.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.257 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.020 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Tgt Ion:105 Resp: 569704

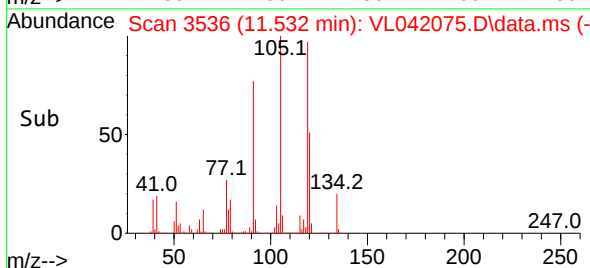
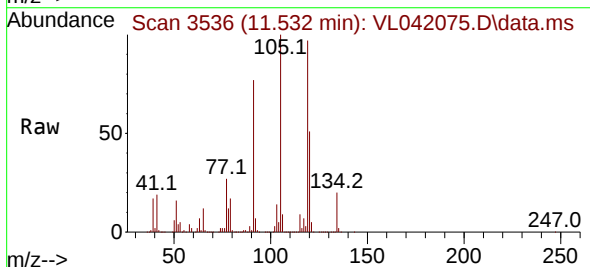
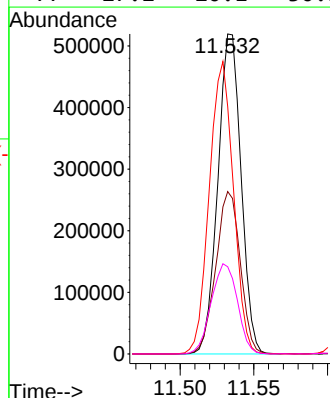
Ion Ratio Lower Upper

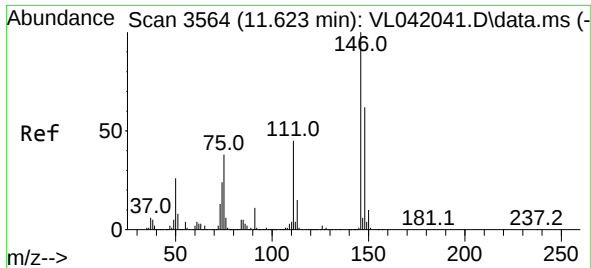
105 100

120 50.7 40.2 60.2

91 77.2 51.4 77.2#

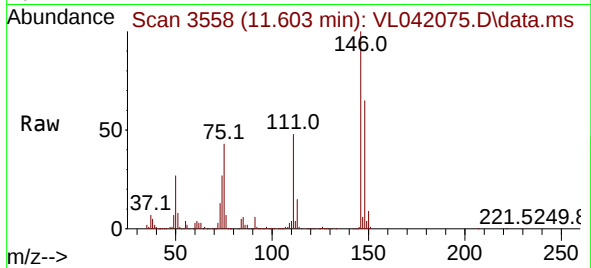
77 27.2 20.1 30.1





#75
1,3-Dichlorobenzene
Concen: 9.402 ppbv
RT: 11.603 min Scan# 3558
Delta R.T. -0.020 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15

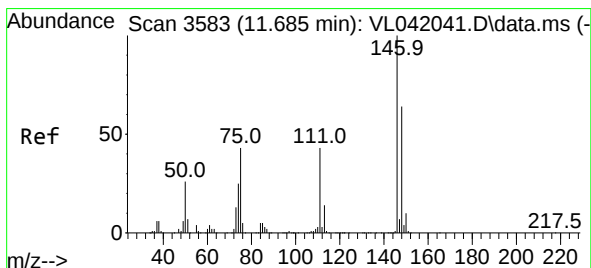
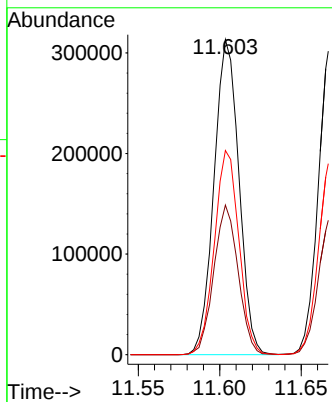
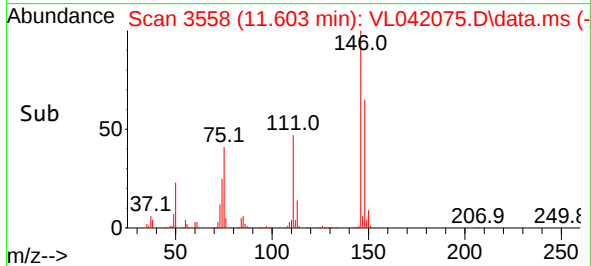
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



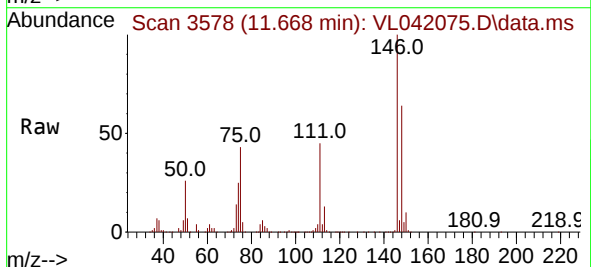
Tgt Ion:146 Resp: 332997
Ion Ratio Lower Upper
146 100
111 46.5 22.4 67.2
148 63.9 32.3 96.8

Manual Integrations
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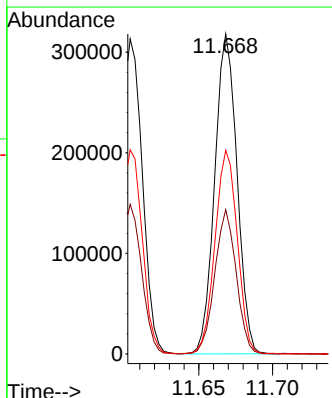
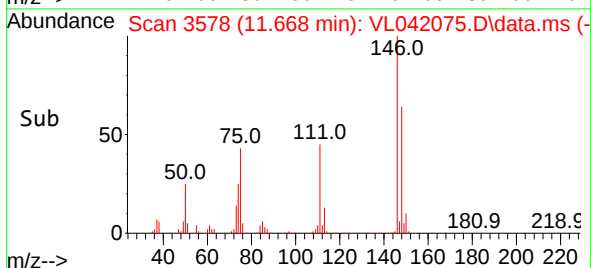
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

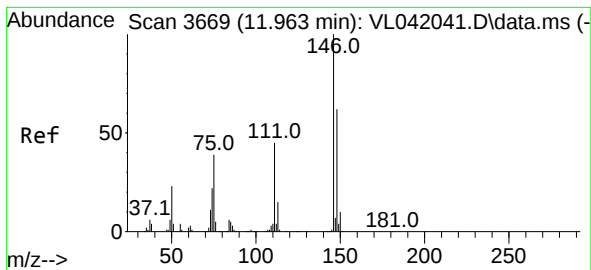


#76
1,4-Dichlorobenzene
Concen: 9.513 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.016 min
Lab File: VL042075.D
Acq: 03 Mar 2025 12:15



Tgt Ion:146 Resp: 334533
Ion Ratio Lower Upper
146 100
111 43.6 21.5 64.5
148 63.9 31.6 95.0





#77

1,2-Dichlorobenzene

Concen: 9.567 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. -0.020 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 328830

Ion Ratio Lower Upper

146 100

111 47.2 23.2 69.6

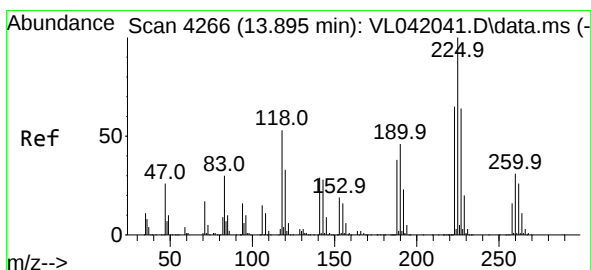
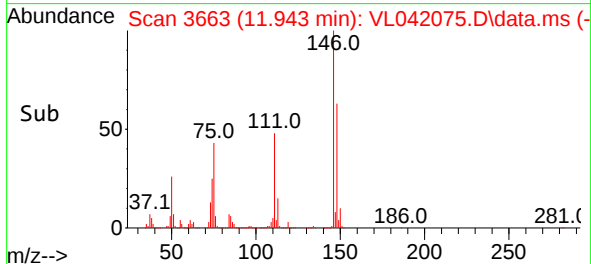
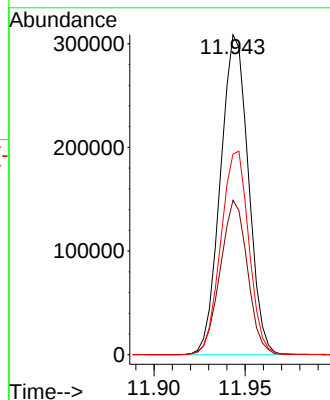
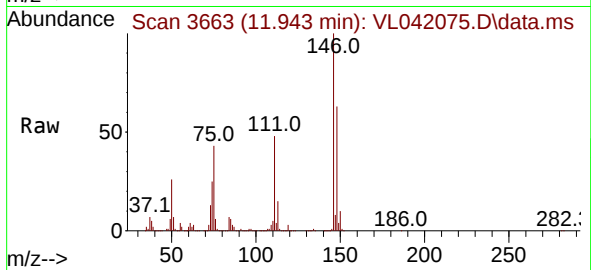
148 63.9 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.819 ppbv

RT: 13.879 min Scan# 4261

Delta R.T. -0.016 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

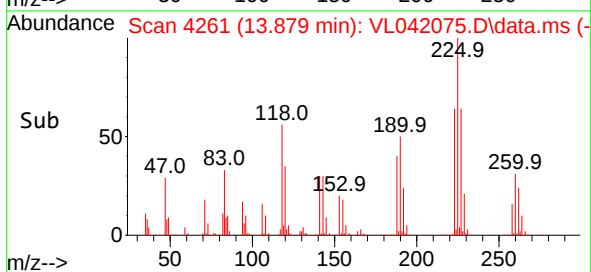
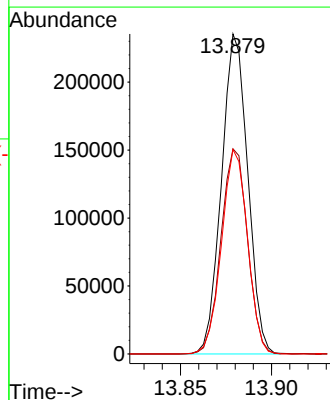
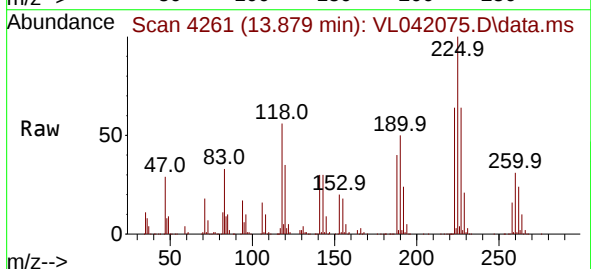
Tgt Ion:225 Resp: 235840

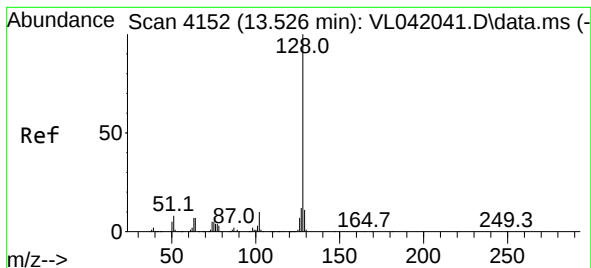
Ion Ratio Lower Upper

225 100

223 64.8 50.2 75.2

227 63.1 50.8 76.2





#79

Naphthalene

Concen: 12.321 ppbv

RT: 13.510 min Scan# 4152

Delta R.T. -0.016 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

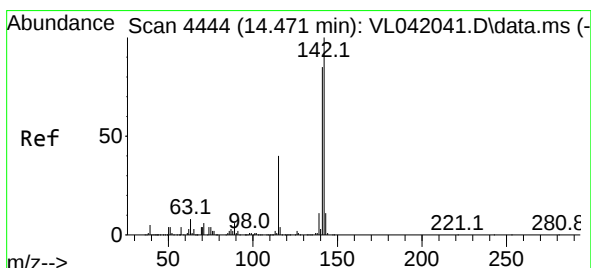
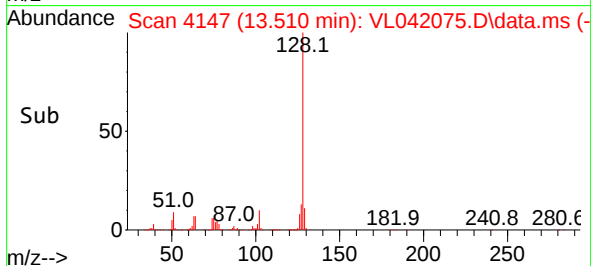
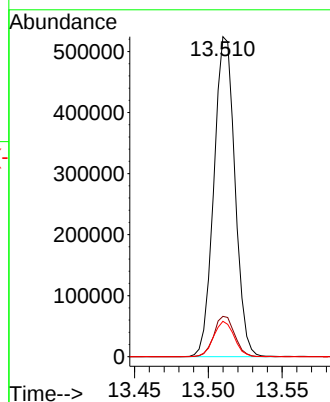
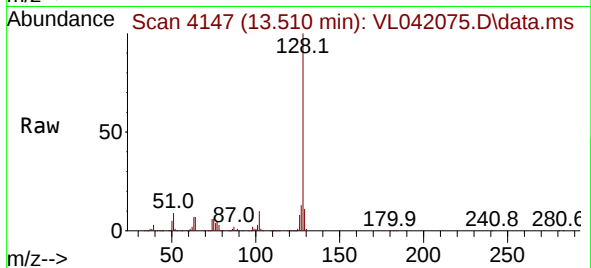
VSTDCCC010

Tgt Ion:	128	Resp:	519908
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.8	14.6
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#80

Naphthalene,2-methyl-

Concen: 16.737 ppbv

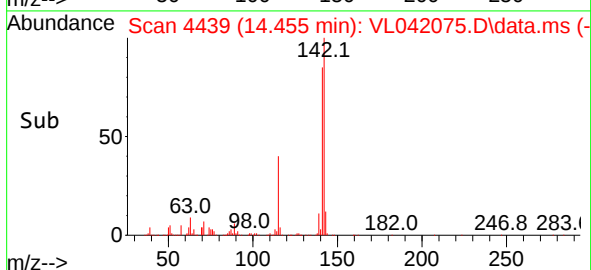
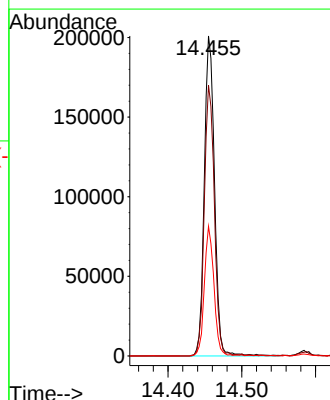
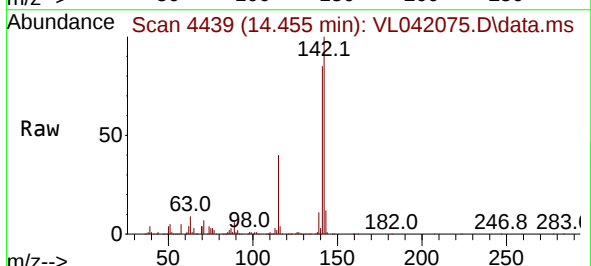
RT: 14.455 min Scan# 4439

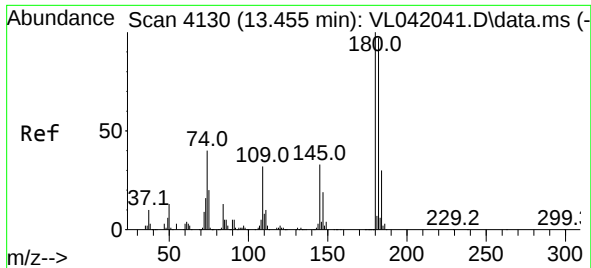
Delta R.T. -0.016 min

Lab File: VL042075.D

Acq: 03 Mar 2025 12:15

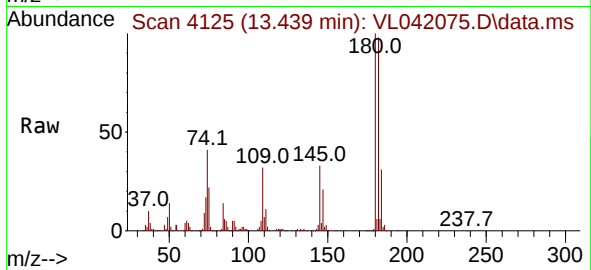
Tgt Ion:	142	Resp:	193268
Ion Ratio	Lower	Upper	
142	100		
141	83.9	65.8	98.6
115	38.6	29.5	44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.120 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL042075.D
 Acq: 03 Mar 2025 12:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 237980
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.1 112.7
 184 29.7 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

