

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041889.D
 Acq On : 14 Jan 2025 12:55
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

Quant Time: Jan 14 21:20:11 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 16:31:18 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	152325	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	449256	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	400269	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	313194	9.934	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	197959	9.541	ppbv	100
3) Chlorodifluoromethane	1.479	51	202651	9.323	ppbv	100
4) Chloromethane	1.538	50	74977	9.608	ppbv	100
5) Vinyl Chloride	1.583	62	71006	8.984	ppbv	100
6) Bromomethane	1.674	94	34817	9.243	ppbv	100
7) Chloroethane	1.709	64	29349	9.544	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	166754	9.196	ppbv	100
9) Propene	1.486	41	86544	9.665	ppbv	100
10) Heptane	5.001	43	233062	9.738	ppbv	100
11) Trichlorofluoromethane	1.884	101	203374	9.423	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.146	101	160993	9.517	ppbv	100
13) Ethanol	1.725	45	4155	6.335	ppbv	98
14) Bromoethene	1.787	108	56447	9.114	ppbv	100
15) Acetone	1.842	43	151022	8.255	ppbv	100
16) 1,3-Butadiene	1.612	39	75244	9.163	ppbv	100
17) tert-Butyl alcohol	2.046	59	213109	9.464	ppbv	100
18) 1,1-Dichloroethene	2.039	96	69825	9.158	ppbv	100
19) Isopropyl Alcohol	1.890	45	94532	8.714	ppbv	100
20) Methylene Chloride	2.068	84	59427	8.219	ppbv	100
21) Allyl Chloride	2.101	41	120681	9.526	ppbv	100
22) trans-1,2-Dichloroethene	2.347	96	82326	9.568	ppbv	100
23) Vinyl Acetate	2.470	43	81885	10.281	ppbv	100
24) 1,1-Dichloroethane	2.418	63	154838	9.303	ppbv	100
25) Ethyl Acetate	2.845	43	471257	9.552	ppbv	100
26) Hexane	2.835	57	192009	9.841	ppbv	100
27) Carbon Disulfide	2.156	76	191567	9.921	ppbv	99
28) Methyl tert-Butyl Ether	2.450	73	117898	7.905	ppbv	100
29) Chloroform	2.858	83	291118	9.438	ppbv	100
30) Cyclohexane	3.868	84	164788	9.737	ppbv	100
31) cis-1,2-Dichloroethene	2.729	61	193774	9.432	ppbv	100
32) 1,1,1-Trichloroethane	3.379	97	290126	9.830	ppbv	100
34) 2-Butanone	2.567	43	270263	9.459	ppbv	100
35) Carbon Tetrachloride	3.777	117	291448	10.309	ppbv	100
36) Benzene	3.671	78	396344	9.619	ppbv	100
37) 1,2-Dichloroethane	3.230	62	221352	9.565	ppbv	100
38) Trichloroethene	4.564	130	159253	9.736	ppbv	100
39) 1,2-Dichloropropane	4.331	63	137090	9.484	ppbv	100
40) 1,4-Dioxane	4.606	88	66200	9.075	ppbv #	94
41) Tetrahydrofuran	3.065	42	156141	10.023	ppbv	100
42) Bromodichloromethane	4.509	83	307176	9.900	ppbv	100
43) Methyl Methacrylate	4.897	69	152001	9.930	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	654395	9.819	ppbv	100
45) t-1,3-Dichloropropene	6.435	75	151920	10.603	ppbv	100

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Instrument :
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Manual Integrations
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 Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 14 21:20:11 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

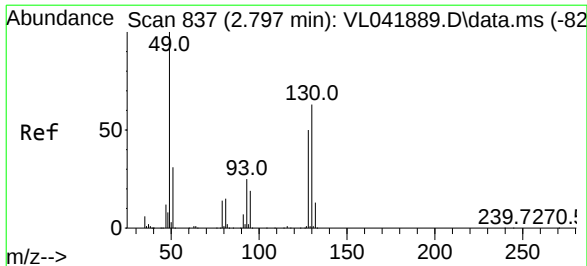
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 16:31:18 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	200330	10.649	ppbv	100
47) 1,1,2-Trichloroethane	6.600	97	149634	9.766	ppbv	100
48) Dibromochloromethane	7.402	129	245066	10.368	ppbv	100
49) Bromoform	9.496	173	206751	10.649	ppbv	100
50) 4-Methyl-2-Pentanone	5.778	43	374267	9.615	ppbv	100
51) 2-Hexanone	7.454	43	292941	9.775	ppbv #	100
52) Tetrachloroethene	8.241	164	131334	9.193	ppbv	100
53) Toluene	6.952	91	454085	10.116	ppbv	100
54) 1,2-Dibromoethane	7.668	107	203859	9.679	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	192449	9.637	ppbv	99
57) Chlorobenzene	8.937	112	339570	9.197	ppbv	100
58) Ethyl Benzene	9.367	91	620719	9.923	ppbv	100
59) m/p-Xylene	9.564	91	979297m	19.504	ppbv	
60) o-Xylene	9.979	91	490108	9.848	ppbv	100
61) Styrene	9.885	104	234901	10.522	ppbv	100
62) Isopropylbenzene	10.552	105	742261	9.638	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	300600	9.596	ppbv	100
64) n-propylbenzene	11.002	120	187706	9.646	ppbv	99
65) tert-Butylbenzene	11.542	119	670259	9.550	ppbv	100
66) Benzyl Chloride	11.626	91	46008	10.591	ppbv	100
67) sec-Butylbenzene	11.778	105	920046	9.521	ppbv	100
69) p-Isopropyltoluene	11.937	119	771465	9.694	ppbv	100
70) n-Butylbenzene	12.293	91	759785	9.627	ppbv	100
71) 2-Chlorotoluene	10.914	91	556170	9.763	ppbv	100
72) 4-Ethyltoluene	11.137	105	586667	9.855	ppbv	100
73) 1,3,5-Trimethylbenzene	11.215	105	505443	9.614	ppbv	100
74) 1,2,4-Trimethylbenzene	11.549	105	538665	9.461	ppbv	100
75) 1,3-Dichlorobenzene	11.620	146	310421	9.201	ppbv	100
76) 1,4-Dichlorobenzene	11.684	146	307758	9.324	ppbv	100
77) 1,2-Dichlorobenzene	11.960	146	303196	9.068	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	234457	8.543	ppbv	100
79) Naphthalene	13.526	128	502354	8.764	ppbv	100
80) Naphthalene,2-methyl-	14.471	142	185336	6.819	ppbv	100
81) 1,2,4-Trichlorobenzene	13.452	180	239317	8.553	ppbv	100

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



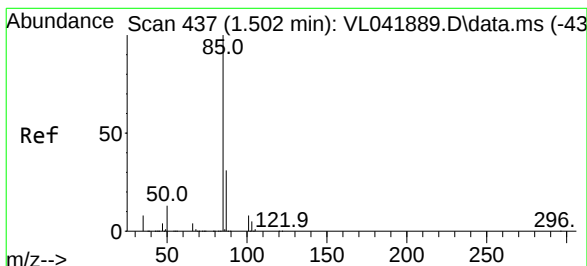
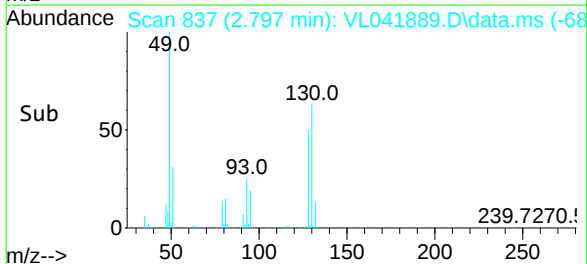
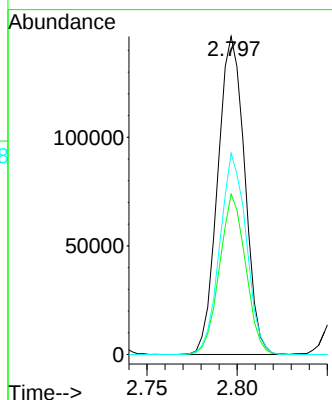
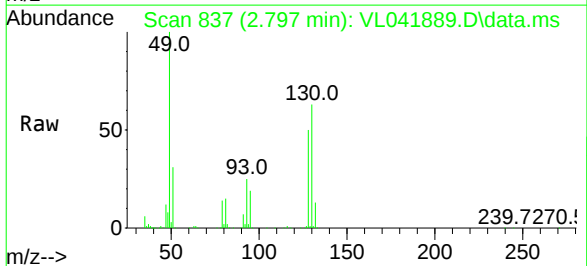
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 152325
Ion Ratio Lower Upper
49 100
128 48.7 24.3 73.0
130 62.1 31.1 93.2

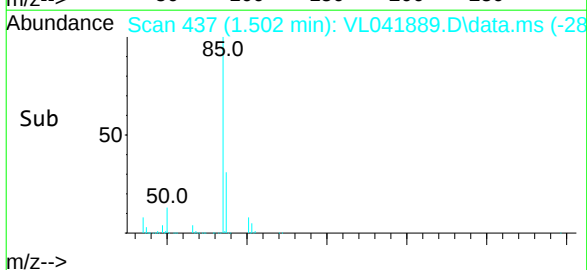
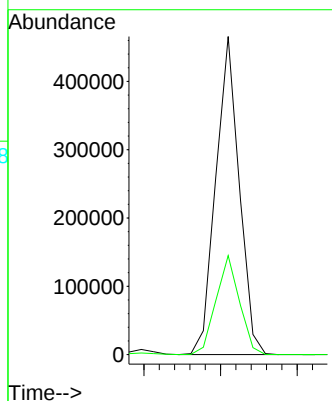
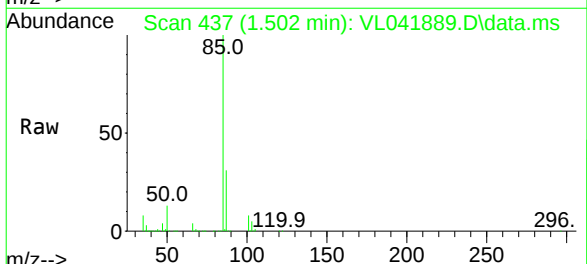
Manual Integrations
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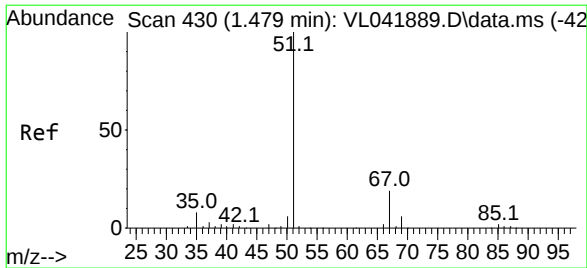
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#2
Dichlorodifluoromethane
Concen: 9.541 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 85 Resp: 197959
Ion Ratio Lower Upper
85 100
87 31.1 24.9 37.3





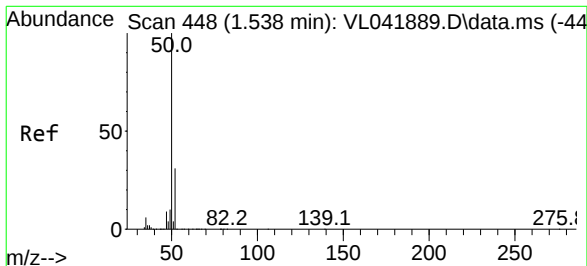
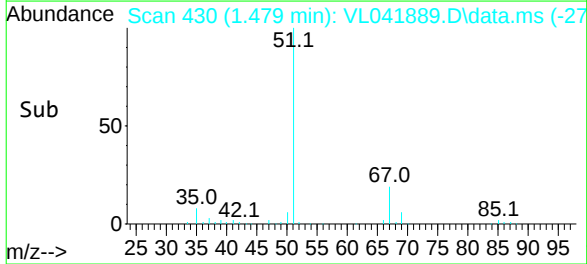
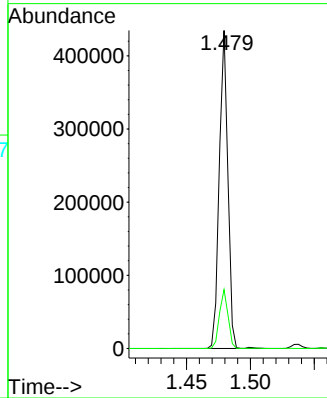
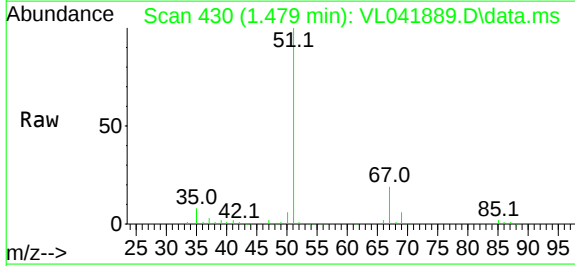
#3
Chlorodifluoromethane
Concen: 9.323 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 202651
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.4

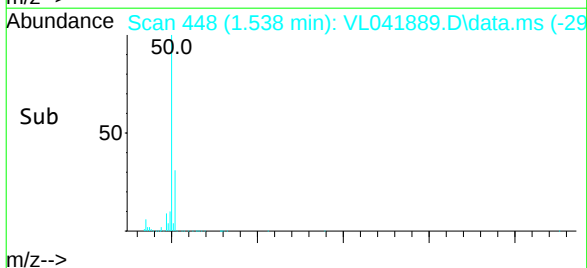
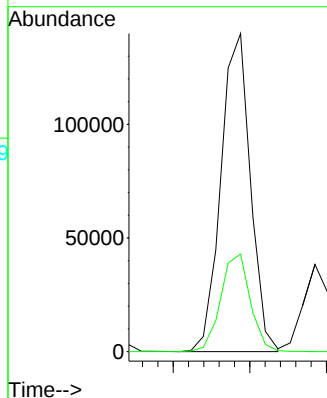
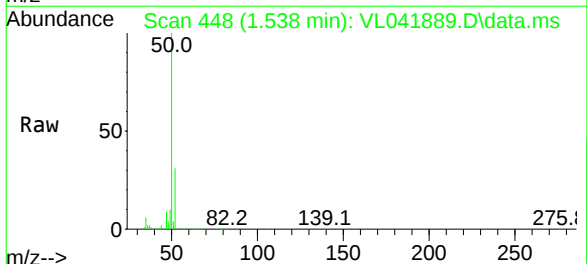
Manual Integrations
APPROVED

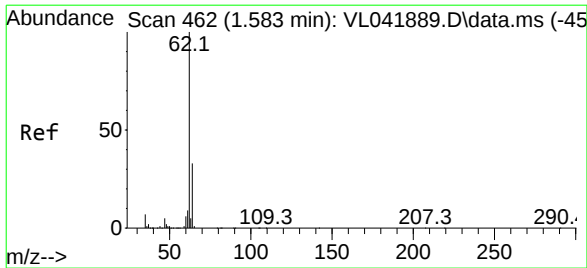
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#4
Chloromethane
Concen: 9.608 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

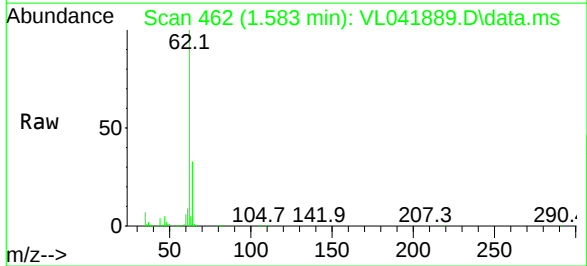
Tgt Ion: 50 Resp: 74977
Ion Ratio Lower Upper
50 100
52 30.7 24.6 36.8





#5
 Vinyl Chloride
 Concen: 8.984 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55

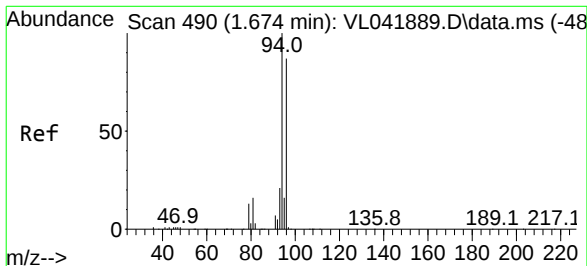
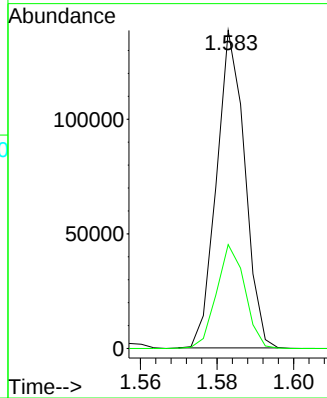
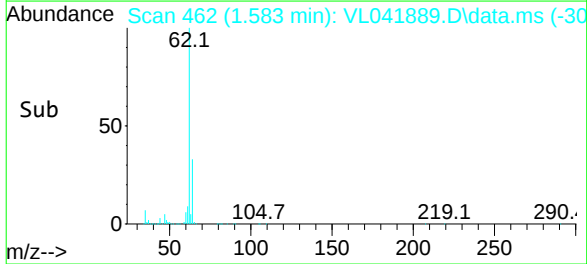
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010



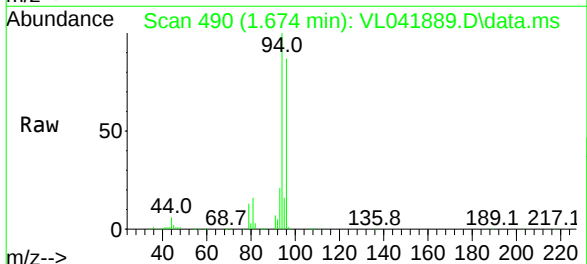
Tgt Ion: 62 Resp: 71006
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.1 39.1

Manual Integrations
 APPROVED

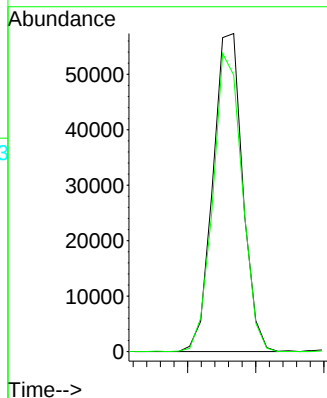
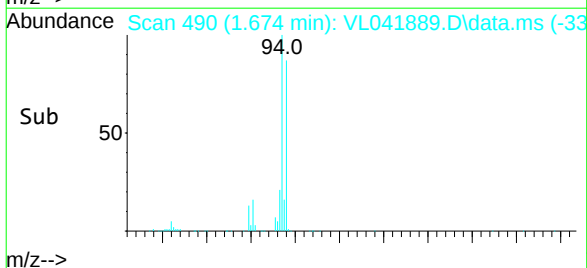
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

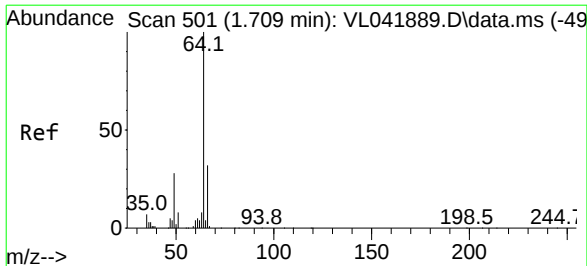


#6
 Bromomethane
 Concen: 9.243 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55



Tgt Ion: 94 Resp: 34817
 Ion Ratio Lower Upper
 94 100
 96 86.9 69.5 104.3





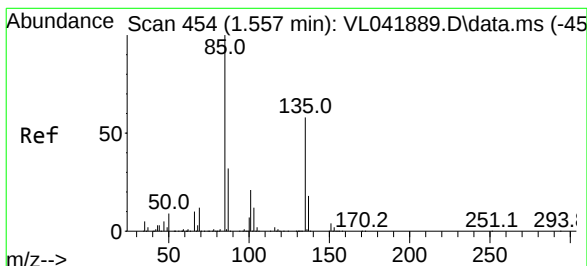
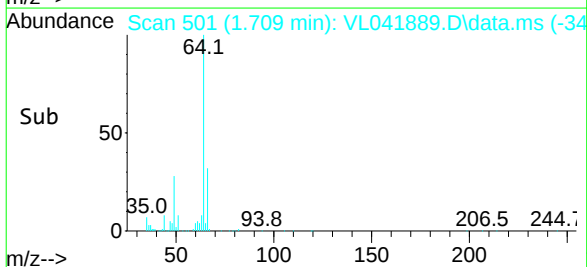
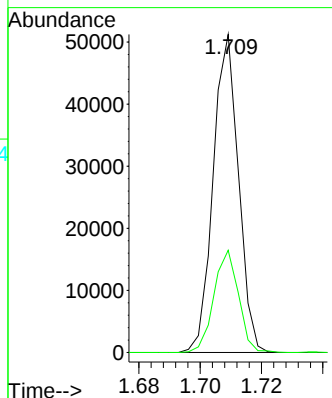
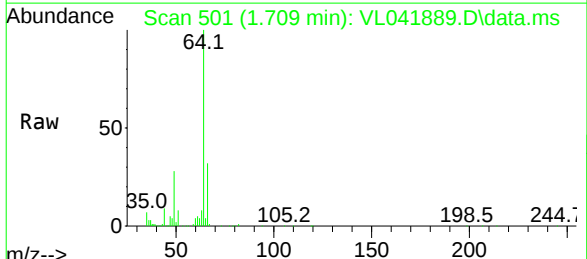
#7
Chloroethane
Concen: 9.544 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 29349
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

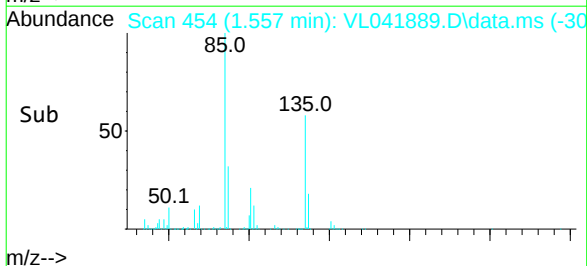
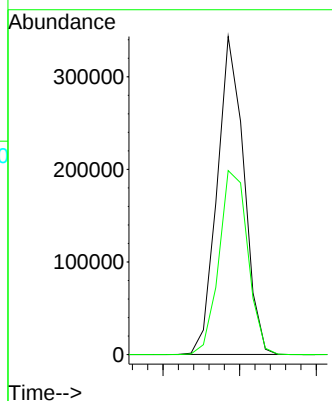
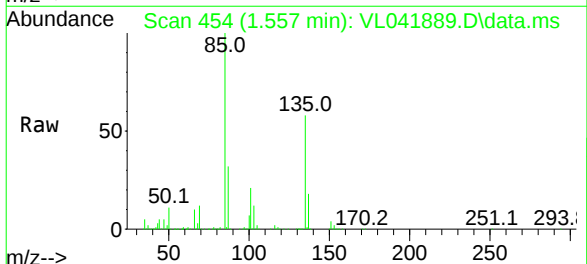
Manual Integrations
APPROVED

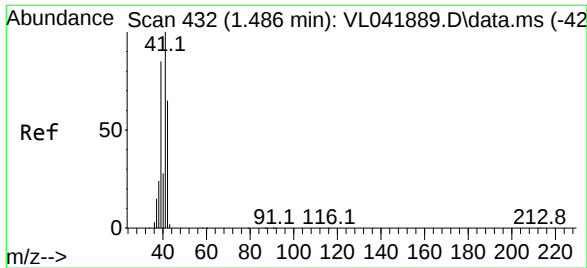
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#8
Dichlorotetrafluoroethane
Concen: 9.196 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

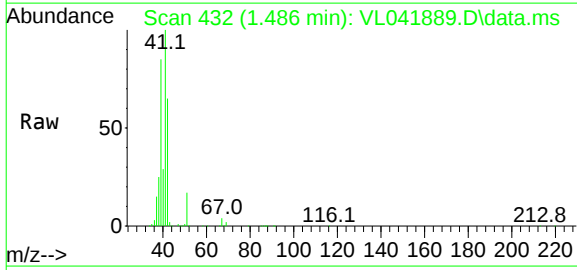
Tgt Ion: 85 Resp: 166754
Ion Ratio Lower Upper
85 100
135 62.4 50.0 75.0





#9
Propene
Concen: 9.665 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

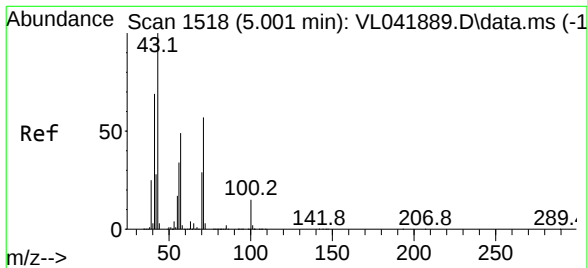
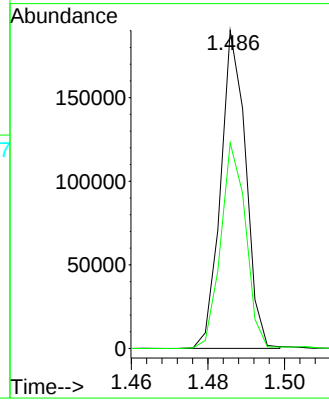
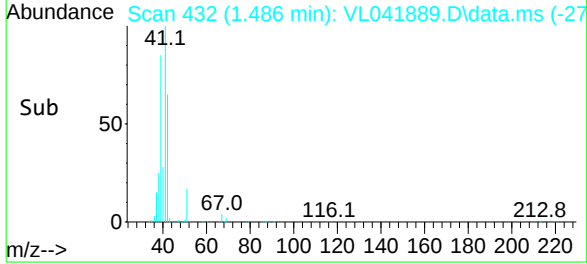
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 41 Resp: 86544
Ion Ratio Lower Upper
41 100
42 65.1 52.0 78.0

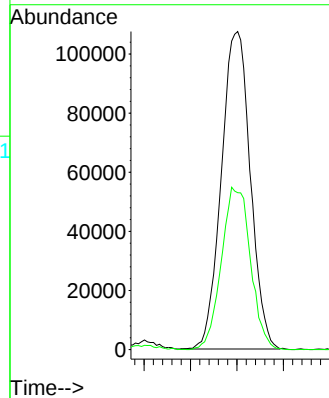
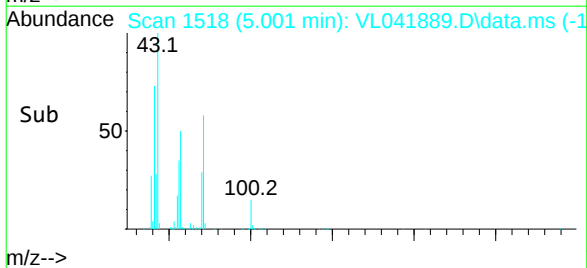
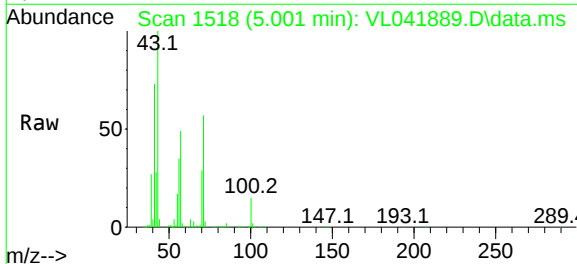
Manual Integrations
APPROVED

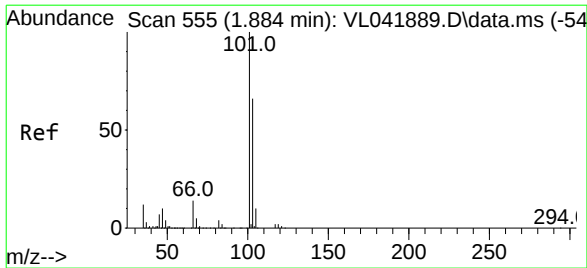
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#10
Heptane
Concen: 9.738 ppbv
RT: 5.001 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 43 Resp: 233062
Ion Ratio Lower Upper
43 100
57 51.2 41.0 61.4





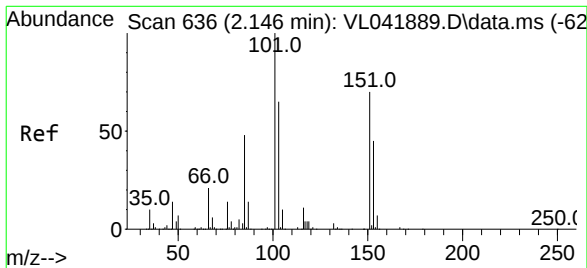
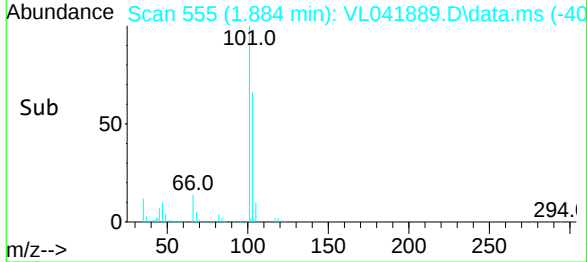
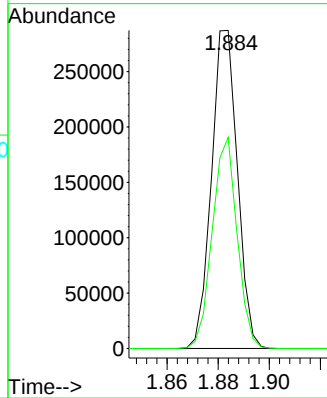
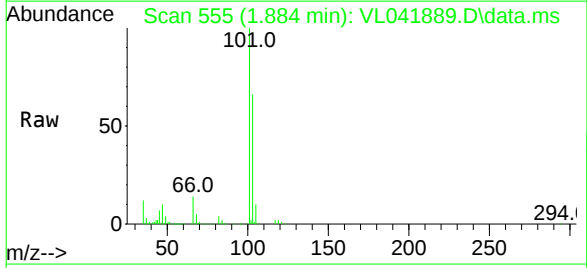
#11
Trichlorofluoromethane
Concen: 9.423 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 203374
Ion Ratio Lower Upper
101 100
103 66.4 53.1 79.7

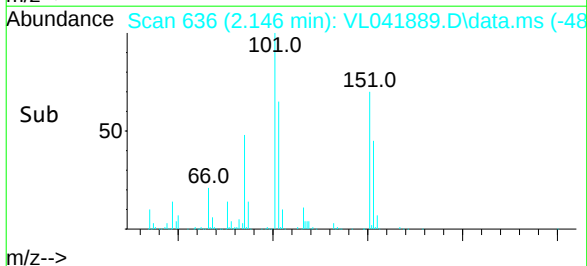
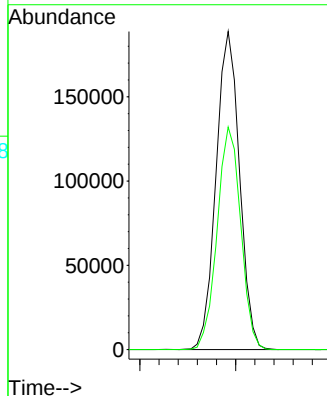
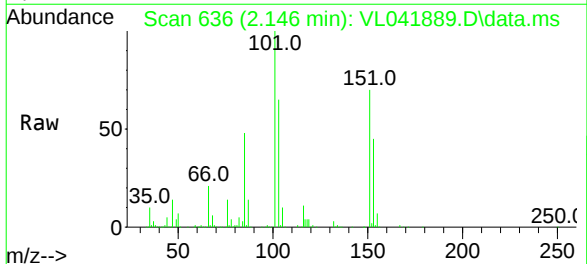
Manual Integrations
APPROVED

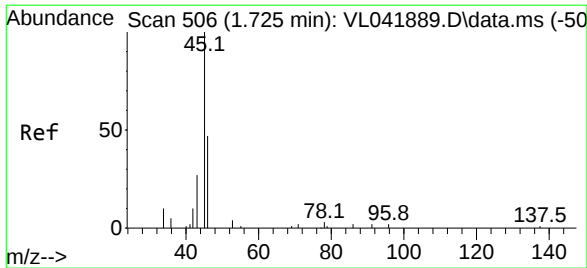
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.517 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion:101 Resp: 160993
Ion Ratio Lower Upper
101 100
151 70.2 56.1 84.1





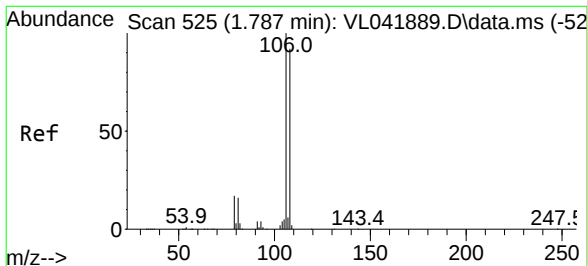
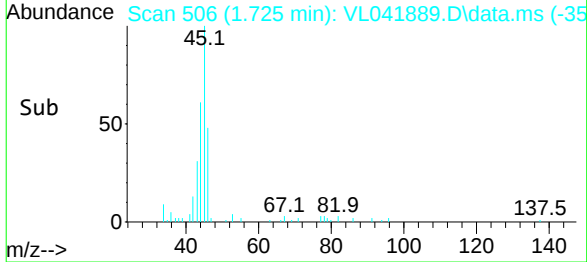
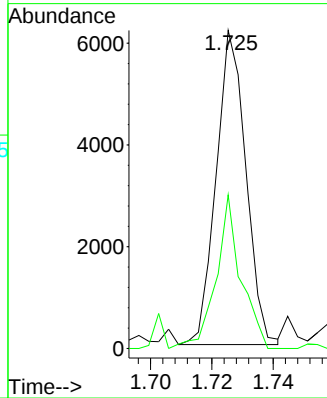
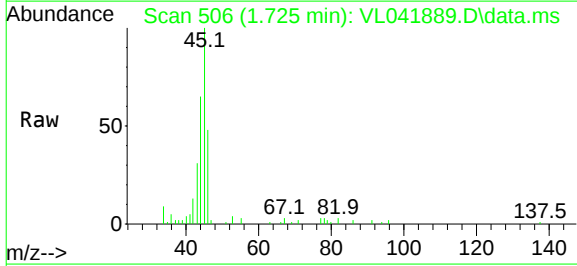
#13
Ethanol
Concen: 6.335 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 4155
Ion Ratio Lower Upper
45 100
46 43.9 18.1 72.5

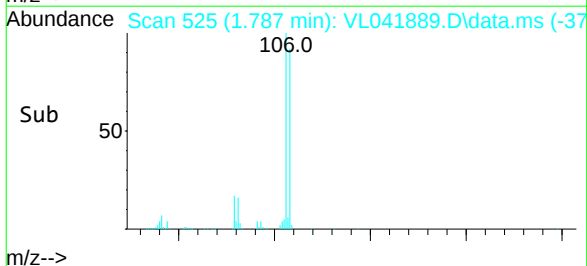
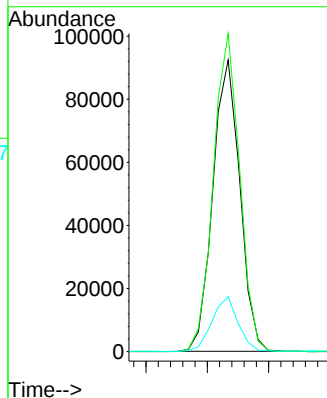
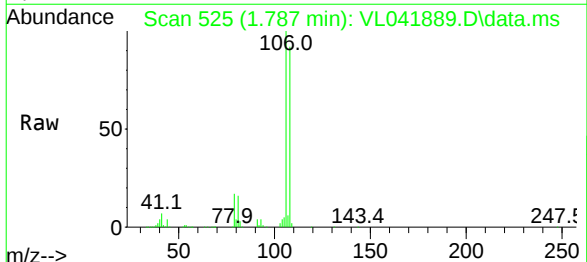
Manual Integrations
APPROVED

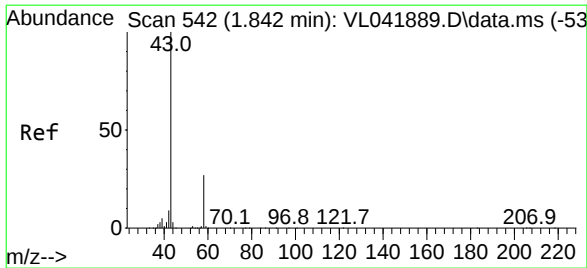
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#14
Bromoethene
Concen: 9.114 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

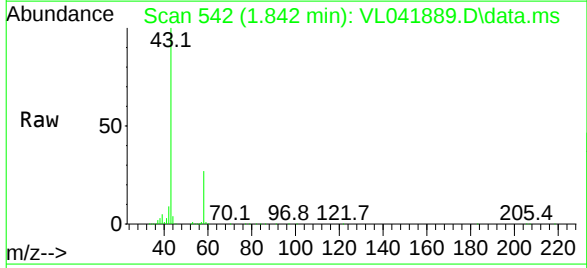
Tgt Ion:108 Resp: 56447
Ion Ratio Lower Upper
108 100
106 106.9 85.5 128.3
79 18.6 15.3 22.9





#15
Acetone
Concen: 8.255 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

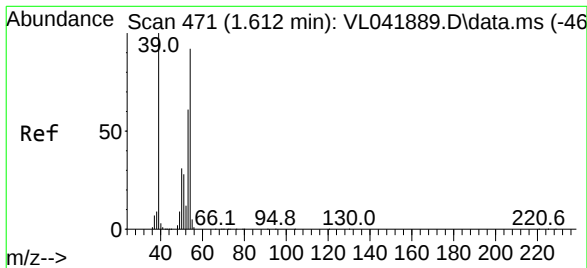
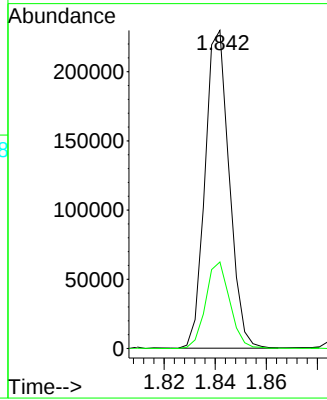
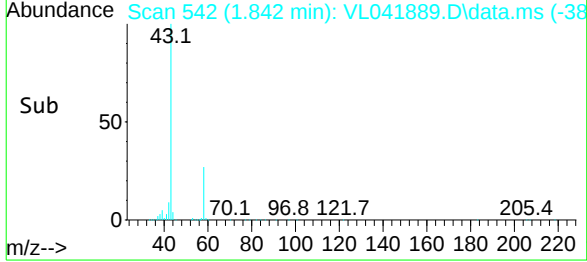
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



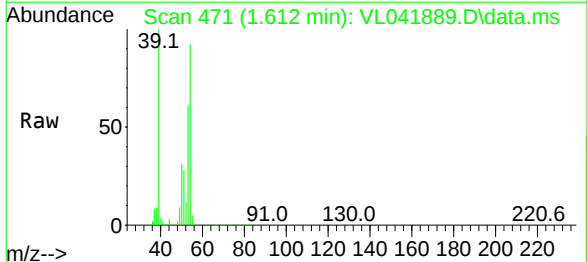
Tgt Ion: 43 Resp: 151022
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9

Manual Integrations
APPROVED

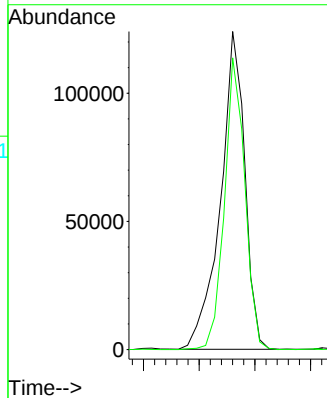
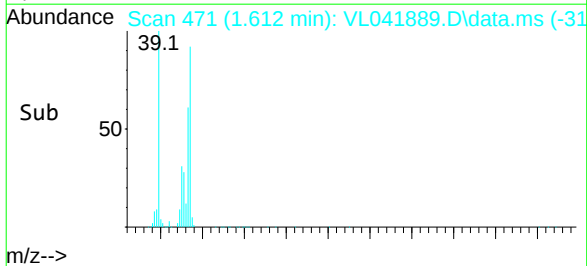
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

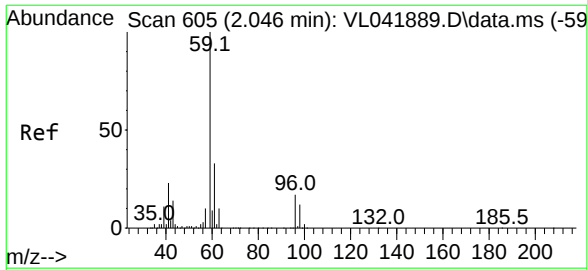


#16
1,3-Butadiene
Concen: 9.163 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55



Tgt Ion: 39 Resp: 75244
Ion Ratio Lower Upper
39 100
54 77.0 61.6 92.4





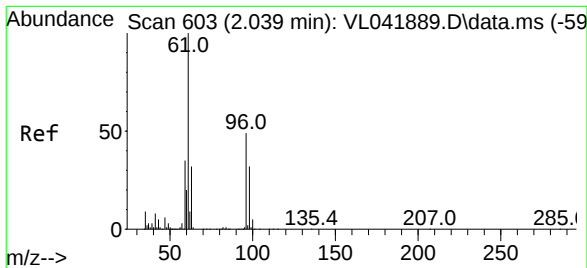
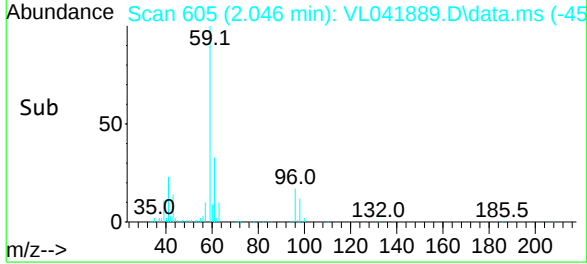
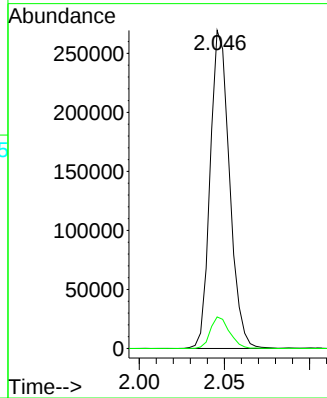
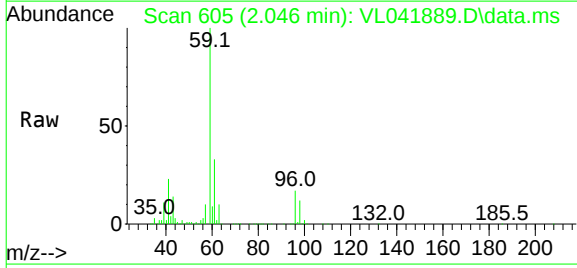
#17
tert-Butyl alcohol
Concen: 9.464 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 213109
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

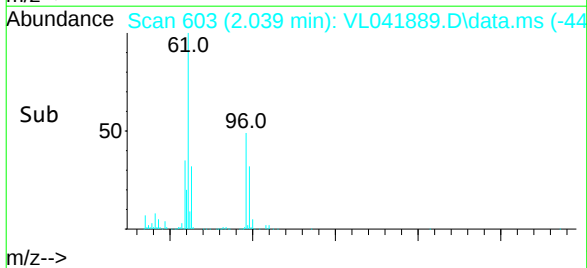
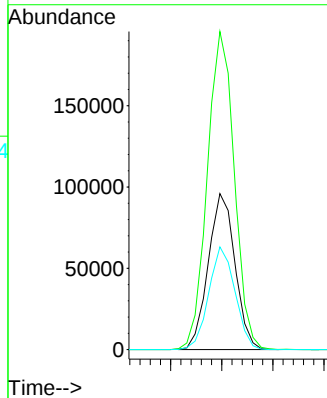
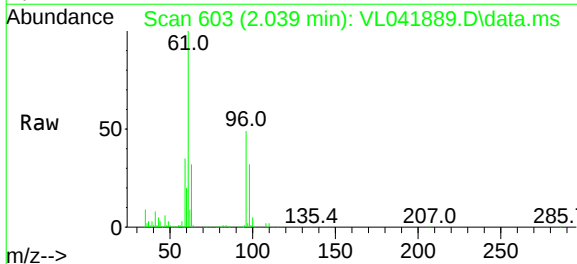
Manual Integrations
APPROVED

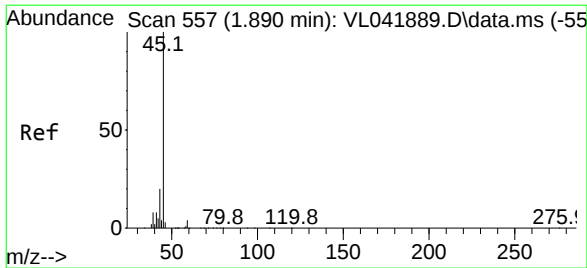
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#18
1,1-Dichloroethene
Concen: 9.158 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 96 Resp: 69825
Ion Ratio Lower Upper
96 100
61 203.9 163.1 244.7
98 65.9 52.7 79.1





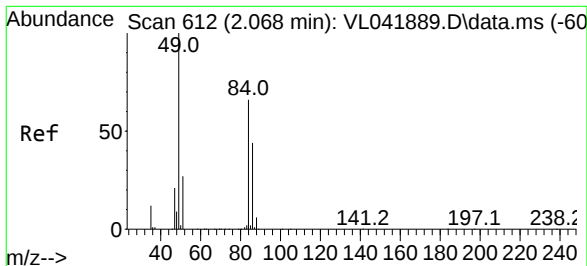
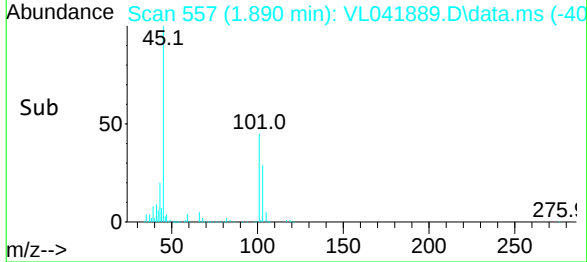
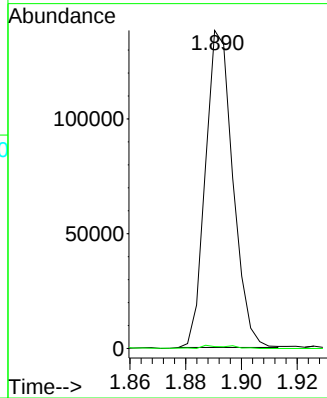
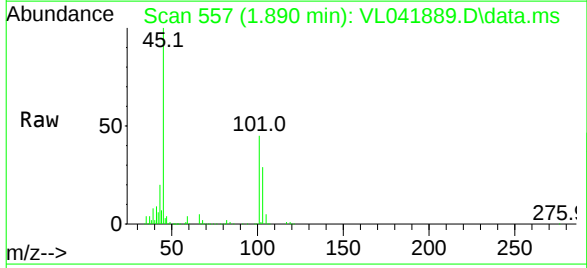
#19
Isopropyl Alcohol
Concen: 8.714 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 94532
Ion Ratio Lower Upper
45 100
58 43.8 35.0 52.6

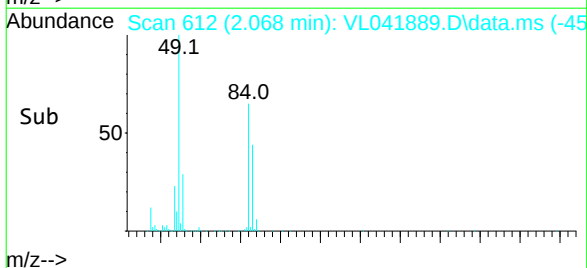
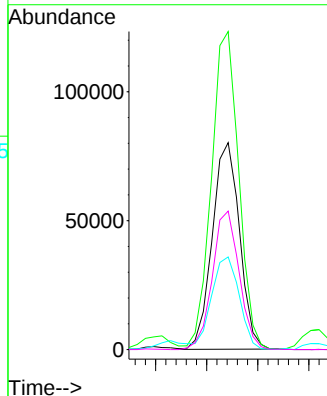
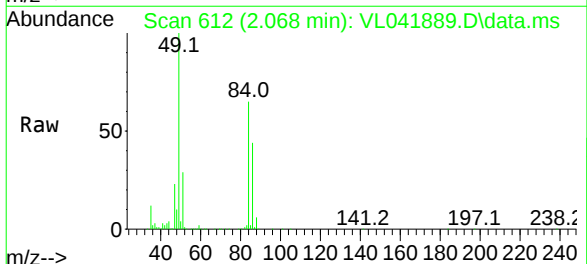
Manual Integrations
APPROVED

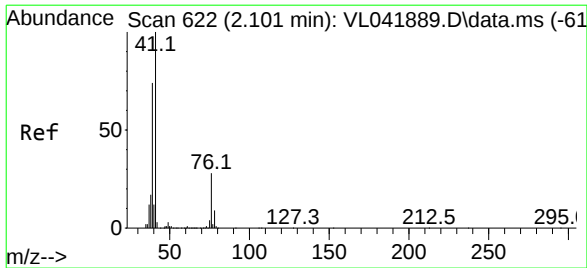
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#20
Methylene Chloride
Concen: 8.219 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 84 Resp: 59427
Ion Ratio Lower Upper
84 100
49 153.9 123.1 184.7
51 44.8 35.8 53.8
86 67.1 53.7 80.5





#21

Allyl Chloride

Concen: 9.526 ppbv

RT: 2.101 min Scan# 622

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Instrument :

MSVOA_L

ClientSampleId :

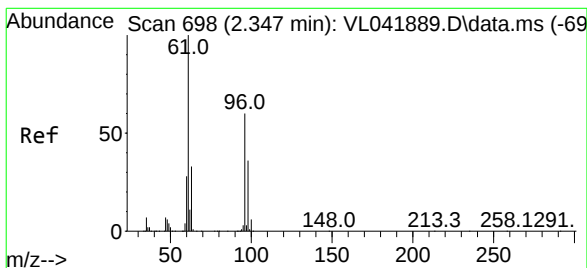
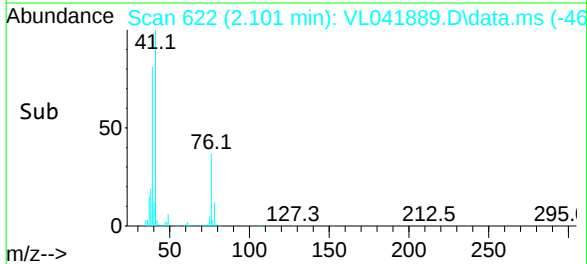
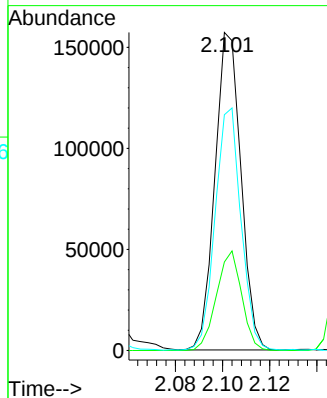
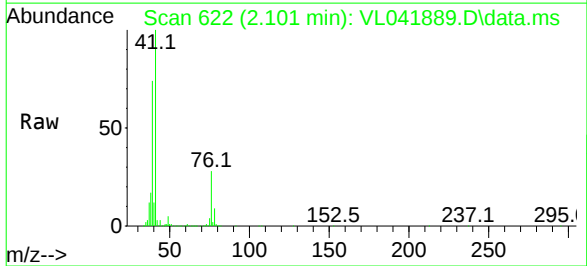
VSTDICCC010

Tgt Ion:	41	Resp:	120681
Ion	Ratio	Lower	Upper
41	100		
76	30.3	24.2	36.4
39	76.1	60.6	91.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#22

trans-1,2-Dichloroethene

Concen: 9.568 ppbv

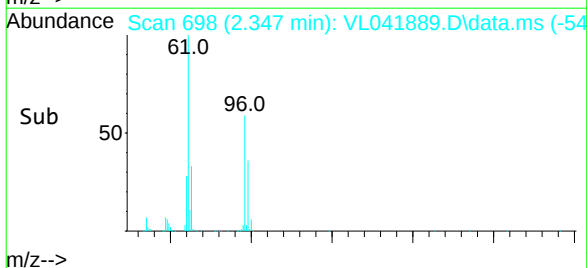
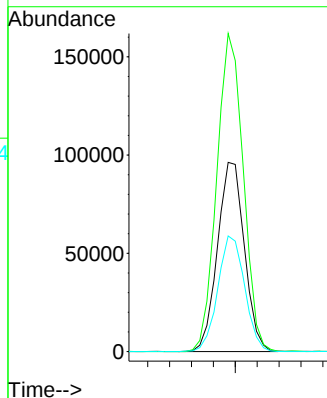
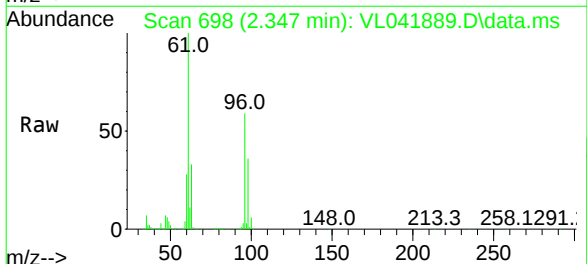
RT: 2.347 min Scan# 698

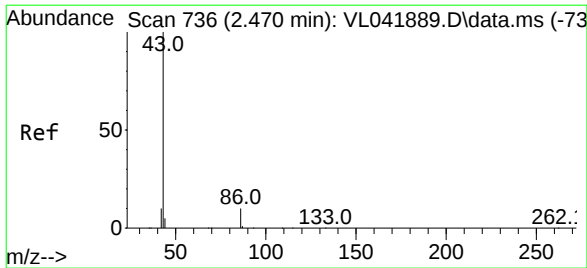
Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

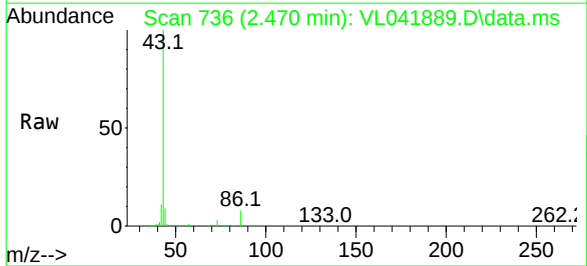
Tgt Ion:	96	Resp:	82326
Ion	Ratio	Lower	Upper
96	100		
61	168.1	134.5	201.7
98	61.1	48.9	73.3





#23
 Vinyl Acetate
 Concen: 10.281 ppbv
 RT: 2.470 min Scan# 736
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55

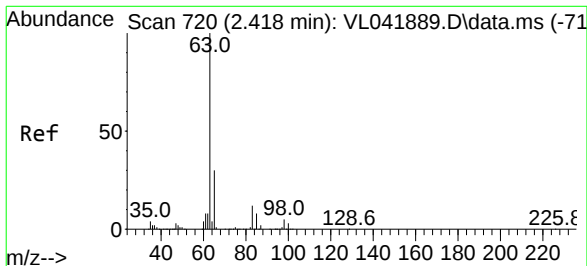
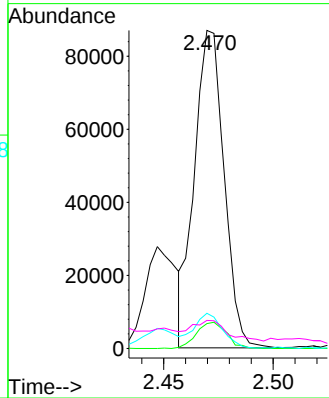
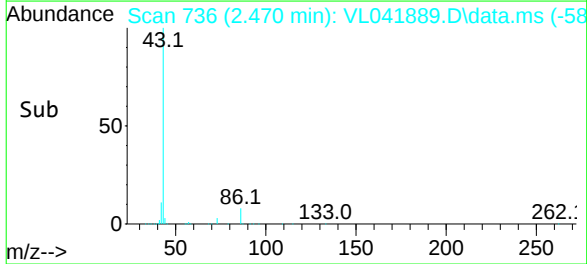
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



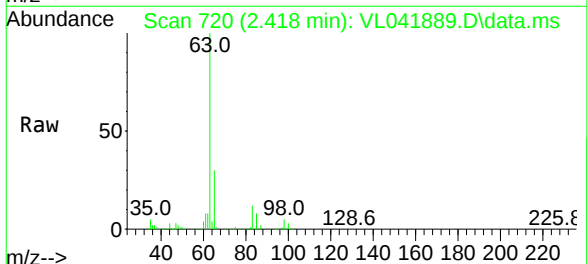
Tgt Ion:	43	Resp:	81885
Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.2	9.4
42	10.6	8.5	12.7
44	6.0	4.8	7.2

Manual Integrations
 APPROVED

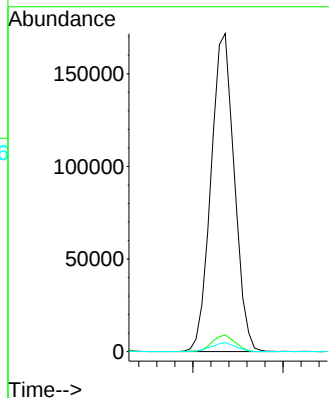
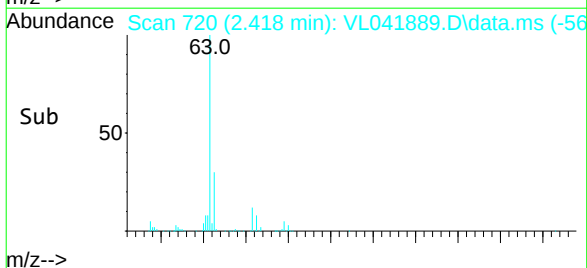
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

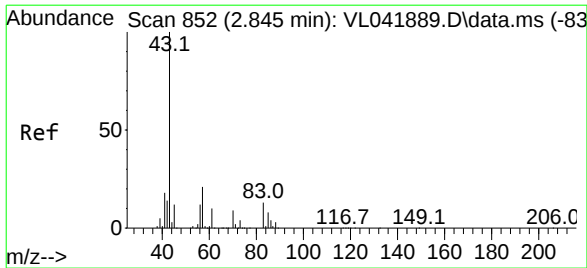


#24
 1,1-Dichloroethane
 Concen: 9.303 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55



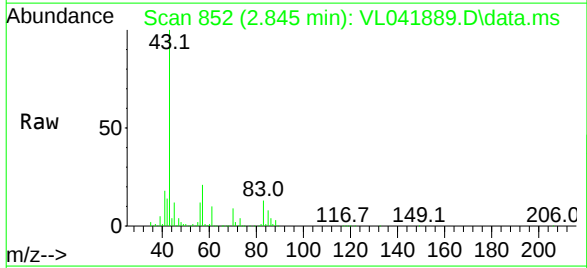
Tgt Ion:	63	Resp:	154838
Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.6	7.8
100	2.8	1.4	4.2





#25
Ethyl Acetate
Concen: 9.552 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

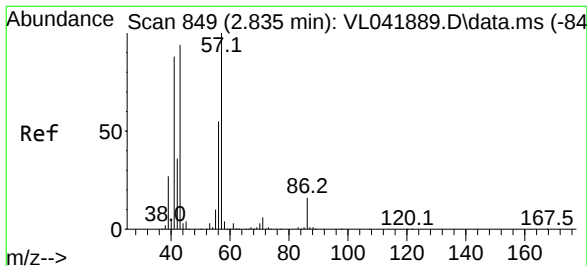
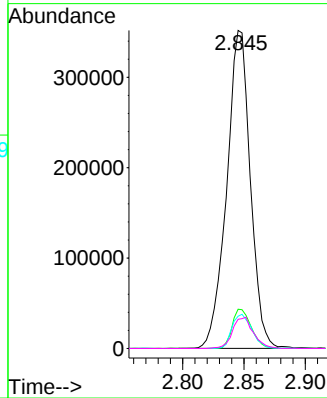
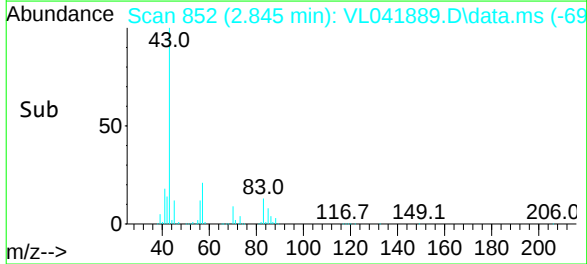
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



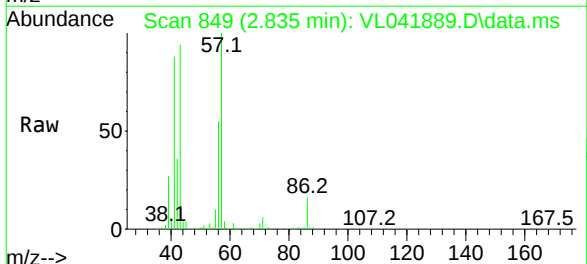
Tgt Ion:	43	Resp:	471257
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.2	7.4	11.0
70	8.7	7.0	10.4

Manual Integrations
APPROVED

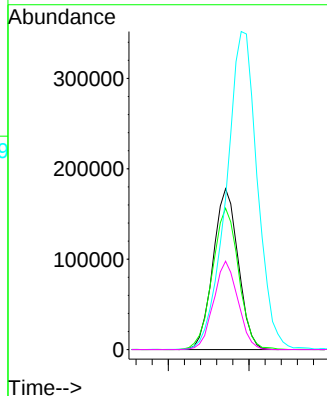
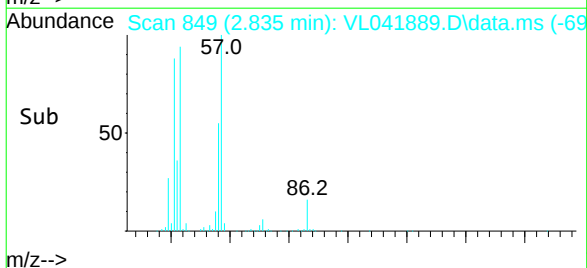
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

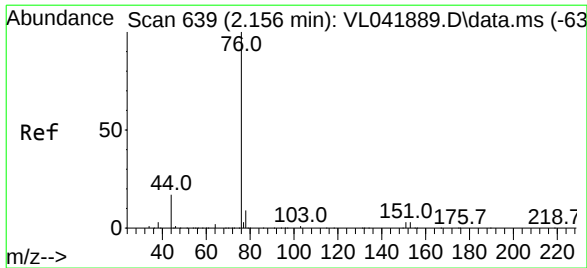


#26
Hexane
Concen: 9.841 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55



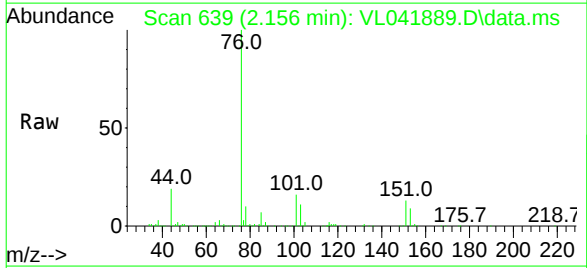
Tgt Ion:	57	Resp:	192009
Ion	Ratio	Lower	Upper
57	100		
41	92.2	73.8	110.8
43	246.8	197.3	295.9
56	53.4	42.7	64.1





#27
Carbon Disulfide
Concen: 9.921 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

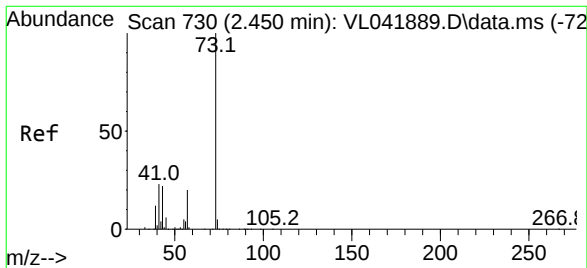
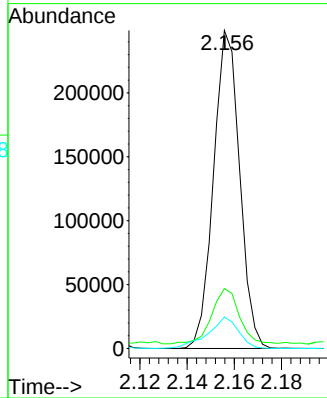
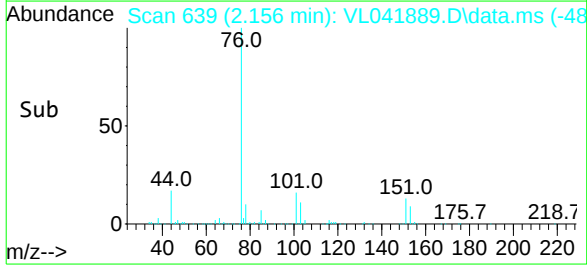
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 191567
Ion Ratio Lower Upper
76 100
44 18.5 15.4 23.0
78 11.6 9.3 13.9

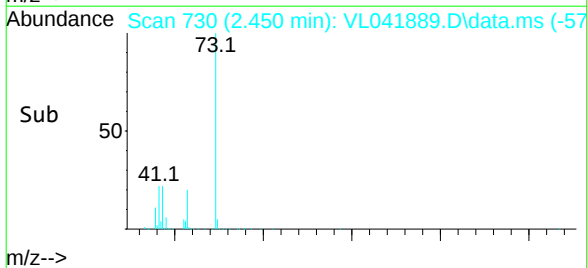
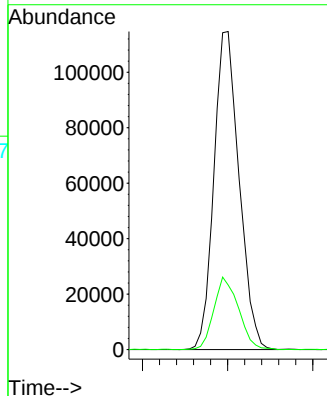
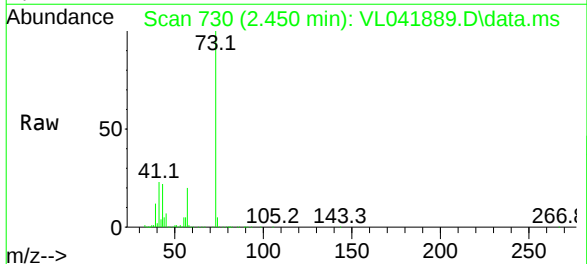
Manual Integrations
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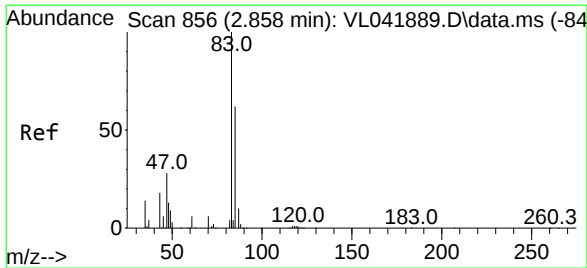
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#28
Methyl tert-Butyl Ether
Concen: 7.905 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 73 Resp: 117898
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1





#29

Chloroform

Concen: 9.438 ppbv

RT: 2.858 min Scan# 85

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 291118

Ion Ratio Lower Upper

83 100

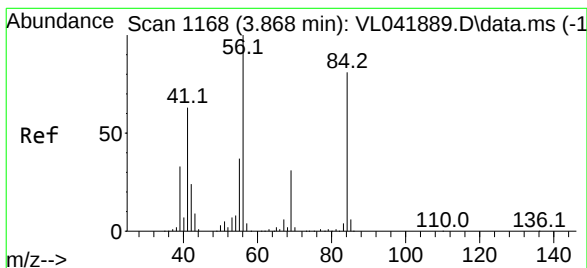
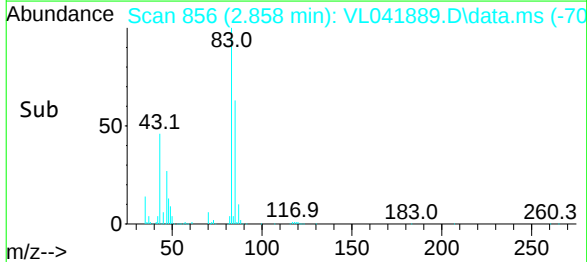
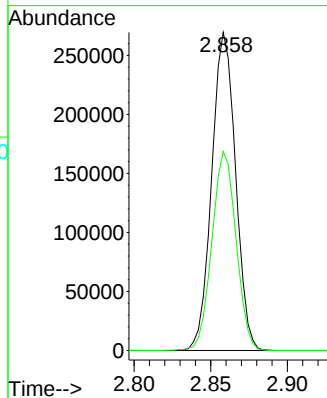
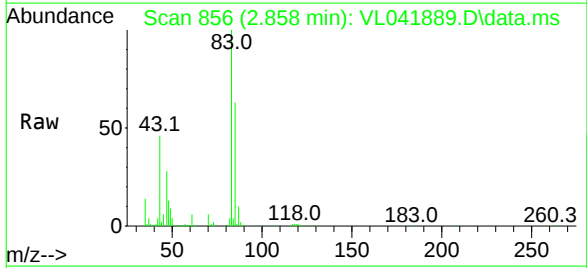
85 62.6 50.1 75.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#30

Cyclohexane

Concen: 9.737 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

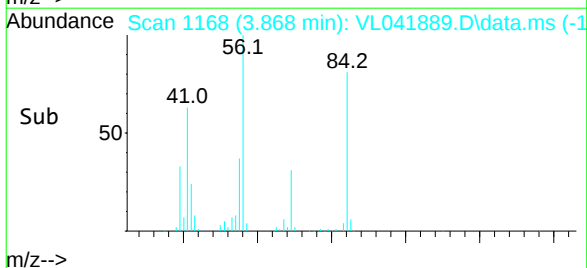
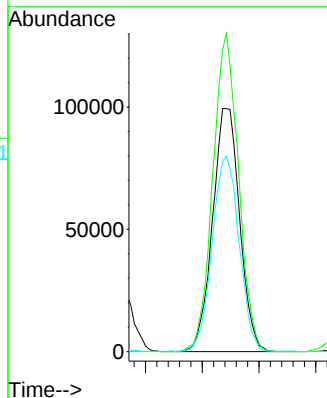
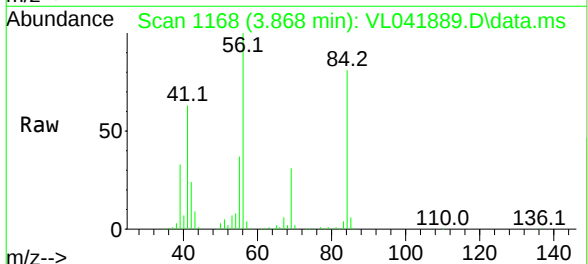
Tgt Ion: 84 Resp: 164788

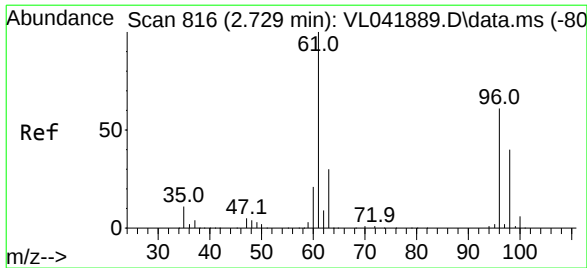
Ion Ratio Lower Upper

84 100

56 124.1 99.3 148.9

41 80.4 64.3 96.5





#31

cis-1,2-Dichloroethene

Concen: 9.432 ppbv

RT: 2.729 min Scan# 816

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Instrument :

MSVOA_L

ClientSampleId :

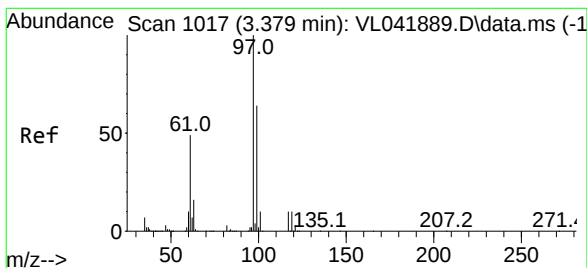
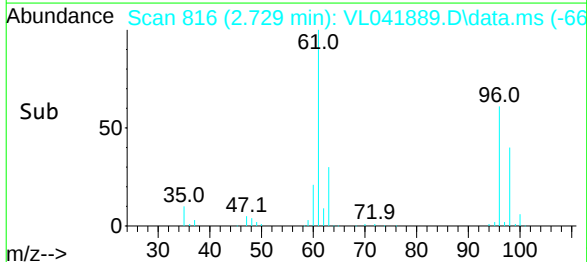
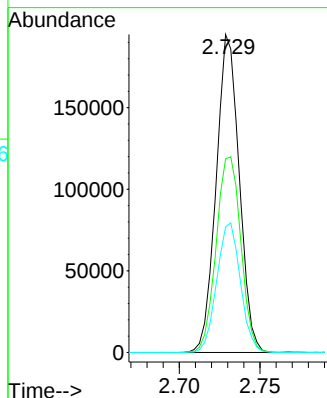
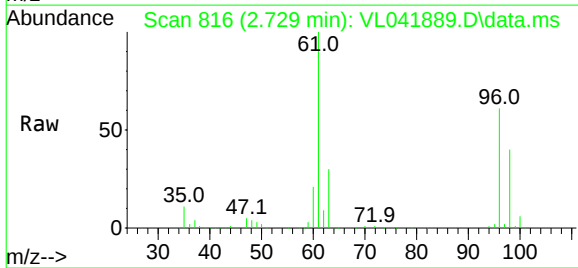
VSTDICCC010

Tgt Ion:	61	Resp:	193774
Ion	Ratio	Lower	Upper
61	100		
96	60.9	48.7	73.1
98	39.5	31.6	47.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#32

1,1,1-Trichloroethane

Concen: 9.830 ppbv

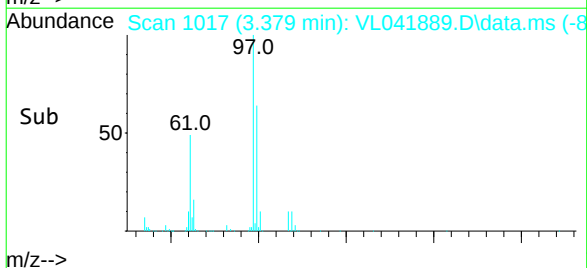
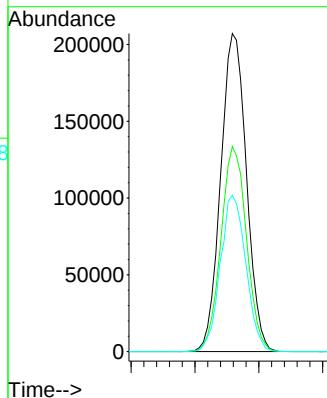
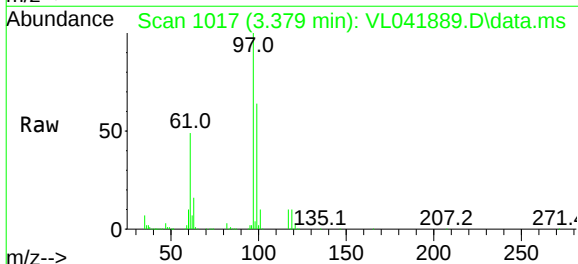
RT: 3.379 min Scan# 1017

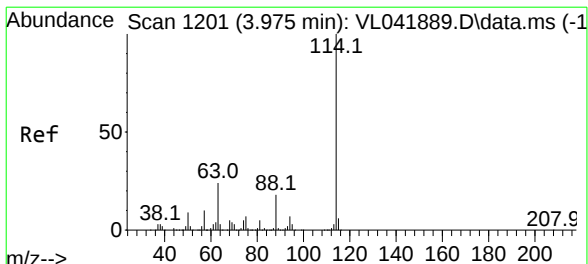
Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

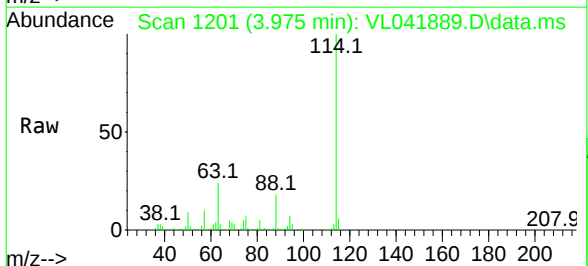
Tgt Ion:	97	Resp:	290126
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	48.8	39.0	58.6





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.975 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55

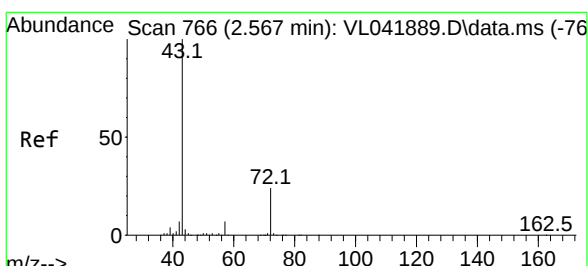
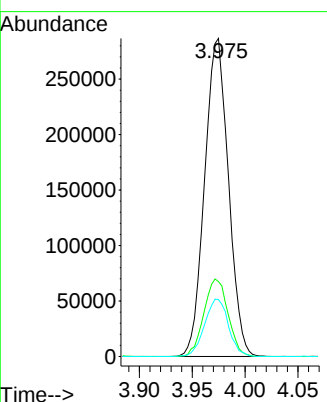
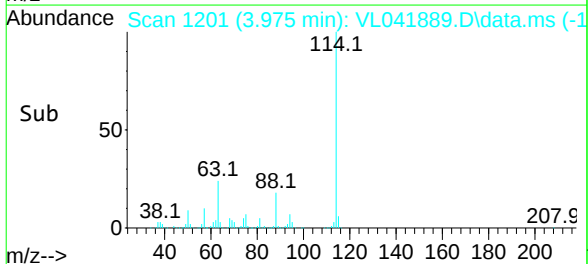
Instrument : MSVOA_L
 ClientSampleId : VSTDICCC010



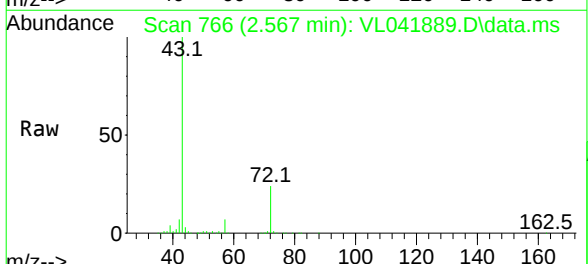
Tgt Ion: 114 Resp: 449256

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.8	29.6
88	18.1	14.4	21.6

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 Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

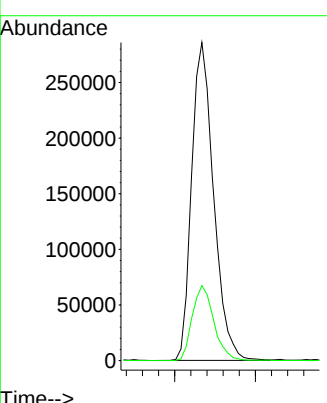
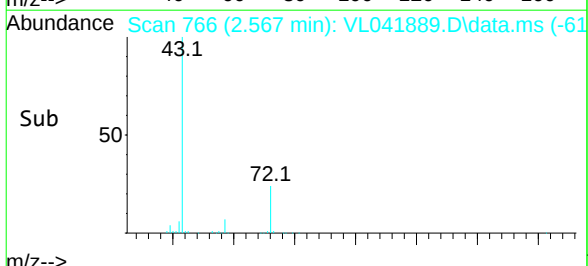


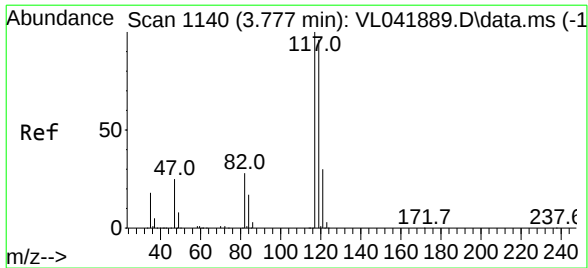
#34
 2-Butanone
 Concen: 9.459 ppbv
 RT: 2.567 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55



Tgt Ion: 43 Resp: 270263

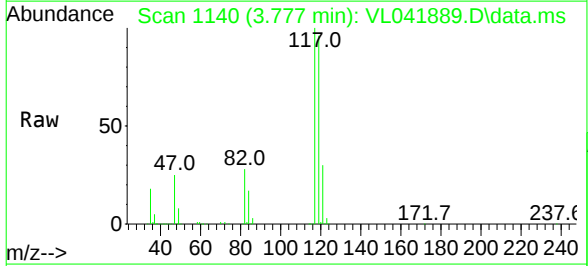
Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.6	28.0





#35
Carbon Tetrachloride
Concen: 10.309 ppbv
RT: 3.777 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

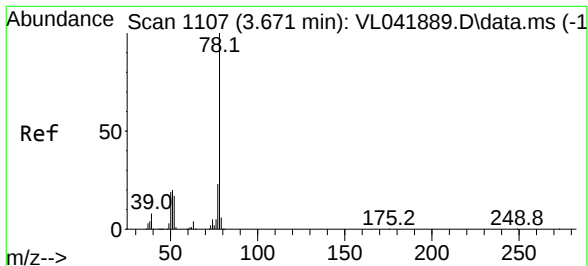
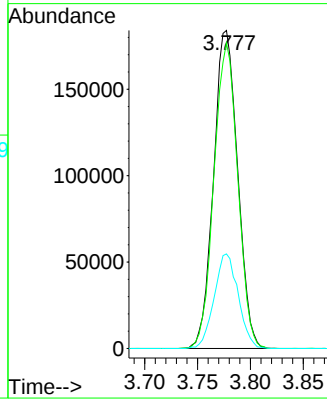
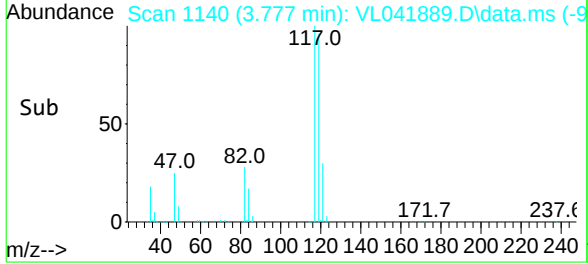
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



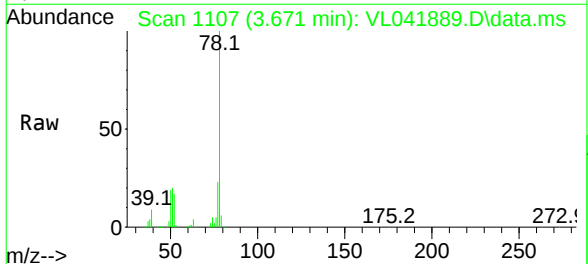
Tgt Ion: 117 Resp: 291448
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 29.7 23.8 35.6

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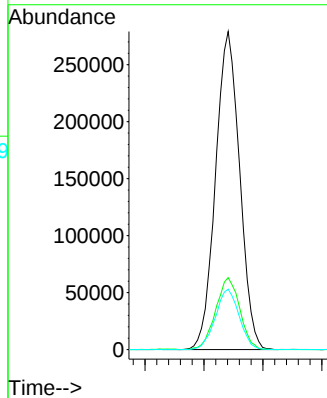
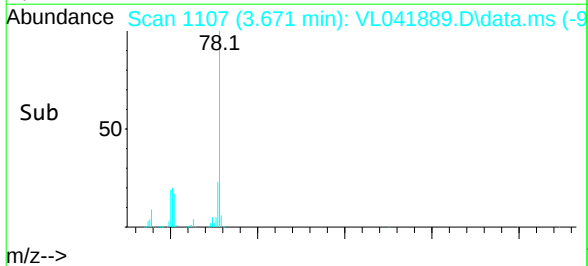
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

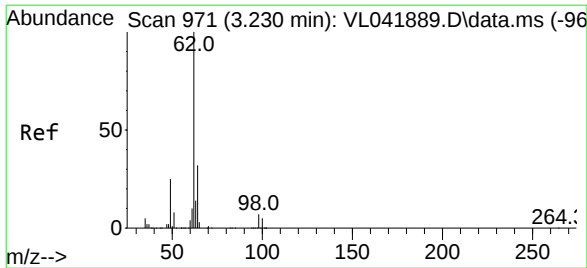


#36
Benzene
Concen: 9.619 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55



Tgt Ion: 78 Resp: 396344
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1
50 19.0 15.2 22.8





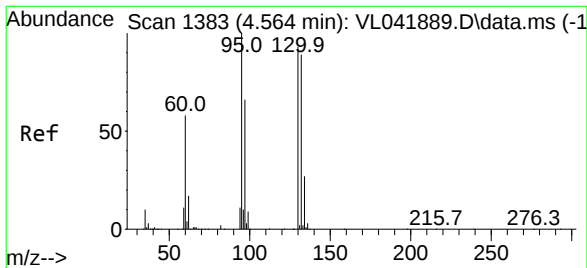
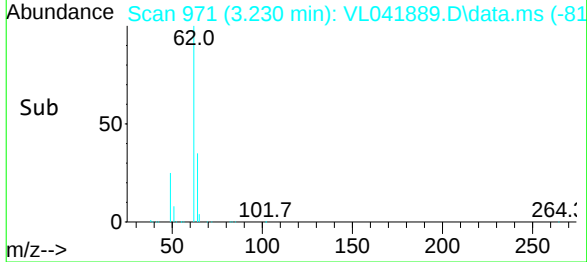
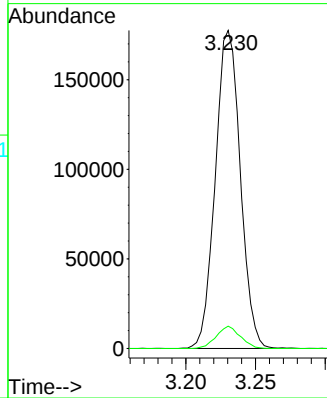
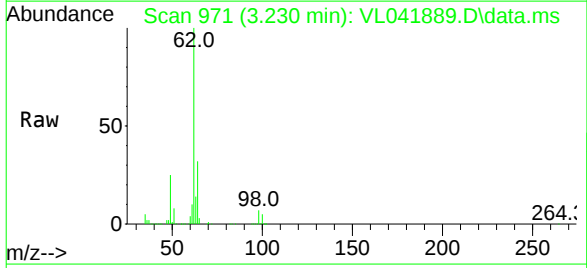
#37
1,2-Dichloroethane
Concen: 9.565 ppbv
RT: 3.230 min Scan# 971
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 221352
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.0

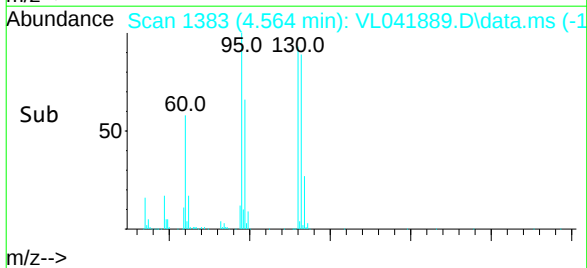
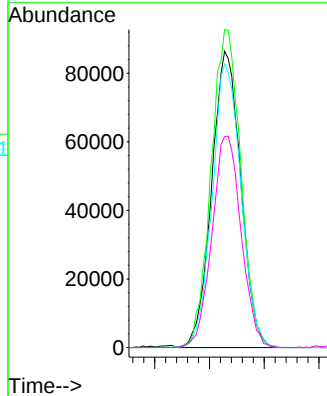
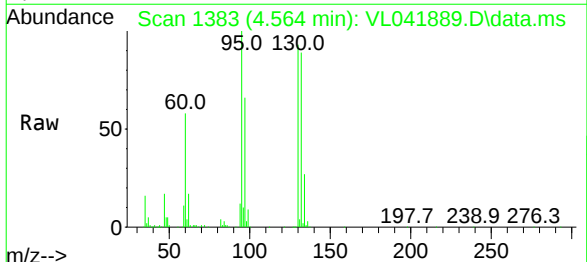
Manual Integrations
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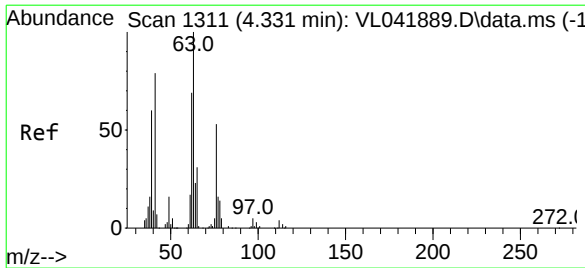
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Trichloroethene
Concen: 9.736 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

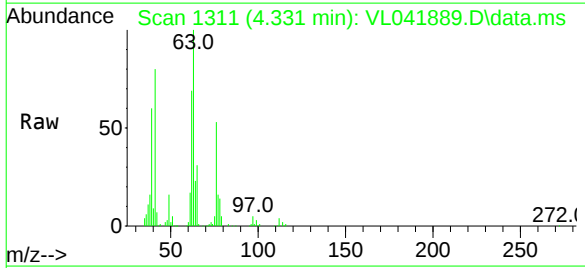
Tgt Ion:130 Resp: 159253
Ion Ratio Lower Upper
130 100
95 107.3 85.8 128.8
132 95.6 76.5 114.7
97 71.0 56.8 85.2





#39
1,2-Dichloropropane
Concen: 9.484 ppbv
RT: 4.331 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

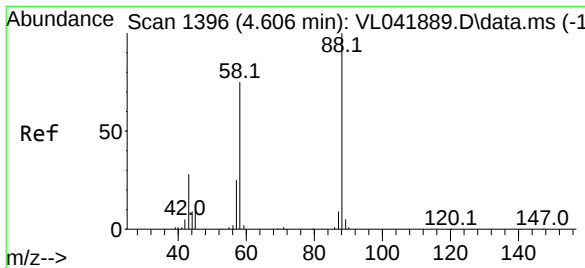
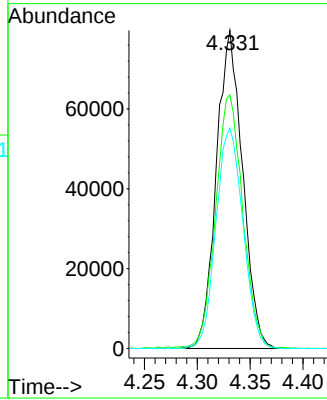
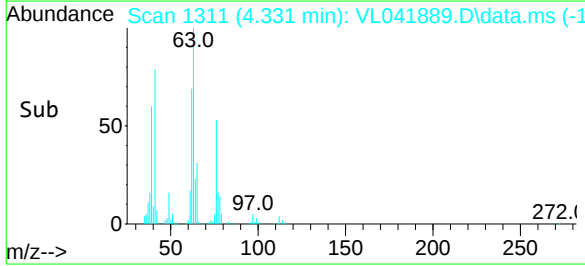
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



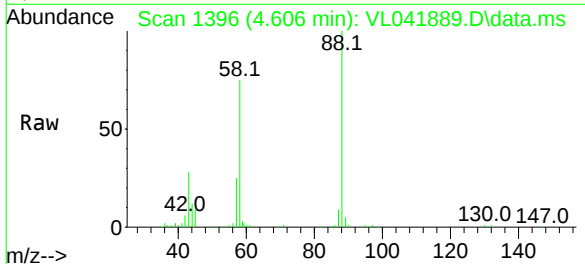
Tgt Ion: 63 Resp: 137096
Ion Ratio Lower Upper
63 100
41 79.6 63.7 95.5
62 69.3 55.4 83.2

Manual Integrations
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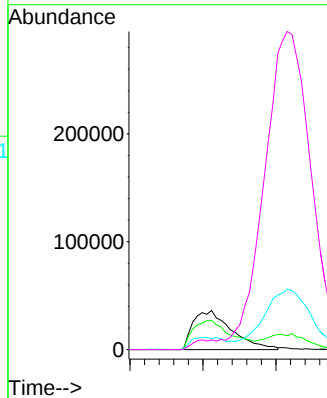
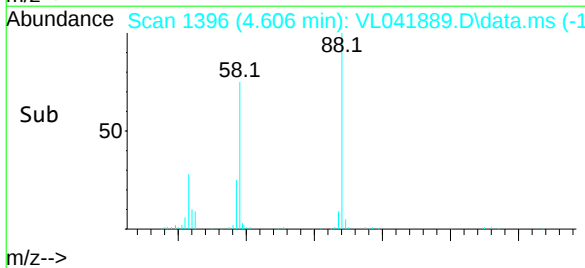
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

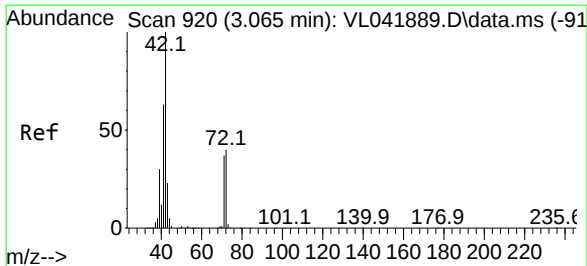


#40
1,4-Dioxane
Concen: 9.075 ppbv
RT: 4.606 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55



Tgt Ion: 88 Resp: 66200
Ion Ratio Lower Upper
88 100
58 72.8 62.1 93.1
43 30.3 0.0 0.0#
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.023 ppbv

RT: 3.065 min Scan# 920

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Instrument :

MSVOA_L

ClientSampleId :

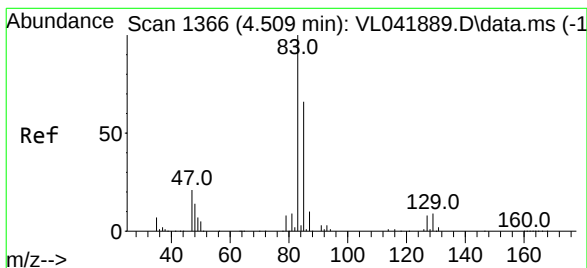
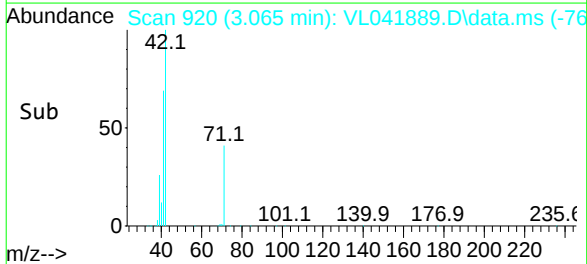
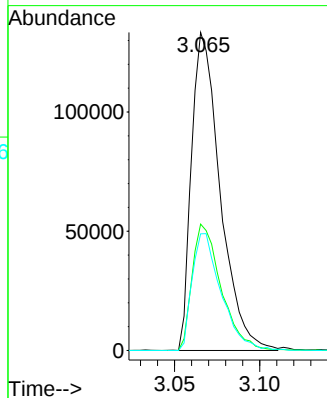
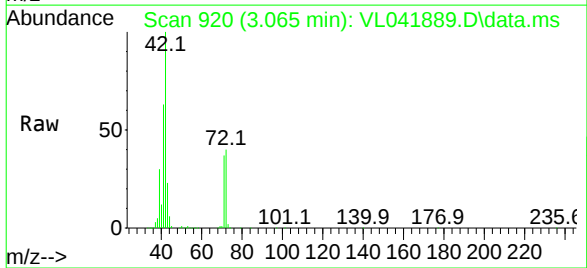
VSTDICCC010

Tgt Ion:	42	Resp:	156141
Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.3	48.5
71	37.5	29.9	44.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#42

Bromodichloromethane

Concen: 9.900 ppbv

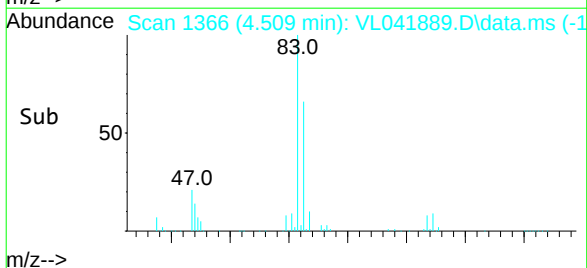
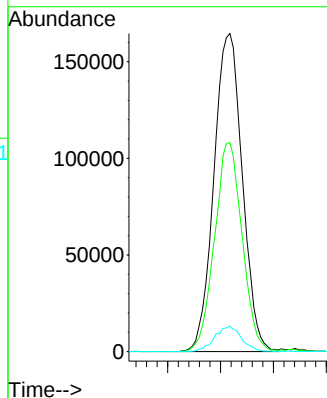
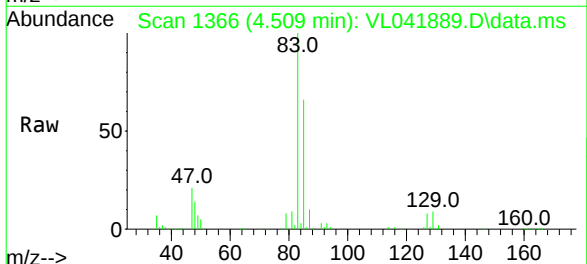
RT: 4.509 min Scan# 1366

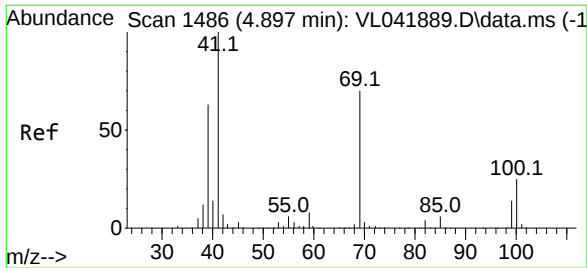
Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Tgt Ion:	83	Resp:	307176
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8
127	8.0	6.4	9.6





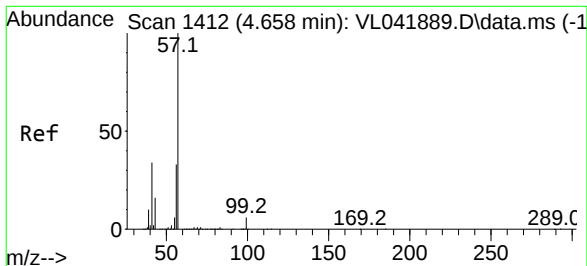
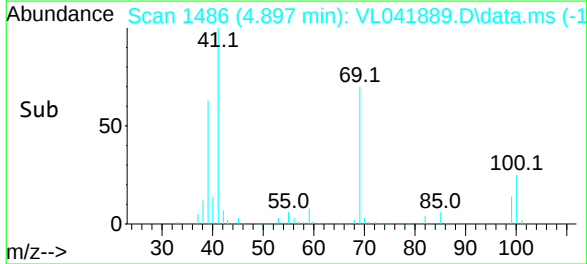
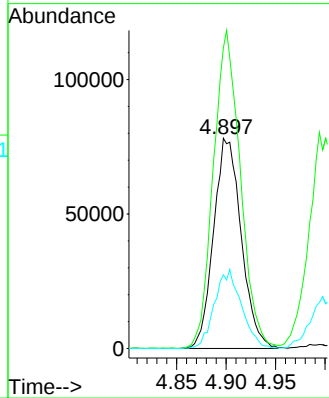
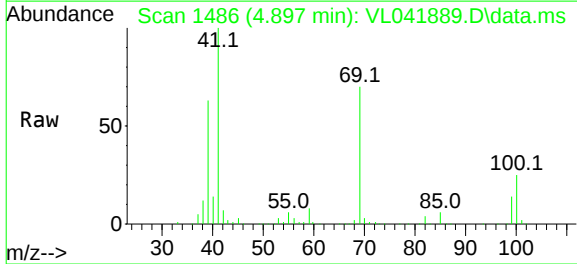
#43
Methyl Methacrylate
Concen: 9.930 ppbv
RT: 4.897 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 152001
Ion Ratio Lower Upper
69 100
41 148.4 118.6 177.8
100 36.6 29.3 43.9

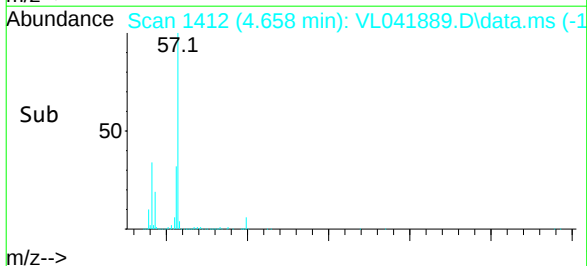
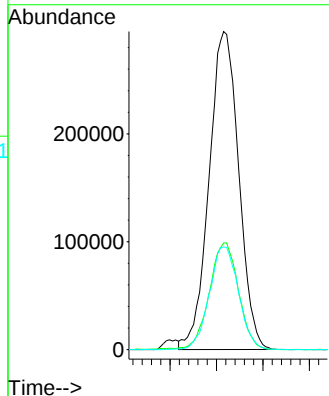
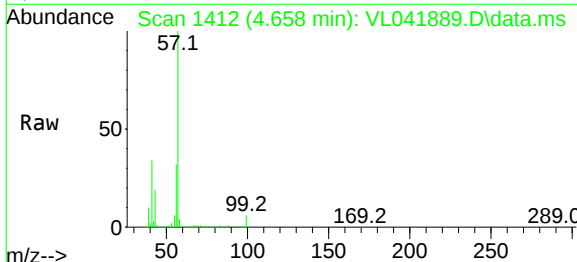
Manual Integrations
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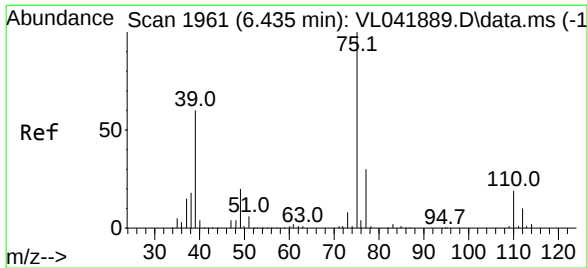
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#44
2,2,4-Trimethylpentane
Concen: 9.819 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 57 Resp: 654395
Ion Ratio Lower Upper
57 100
41 33.3 26.6 40.0
56 31.8 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 10.603 ppbv

RT: 6.435 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 151920

Ion Ratio Lower Upper

75 100

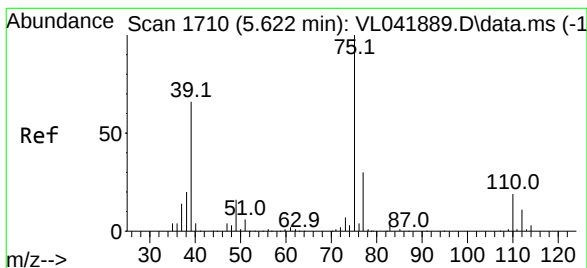
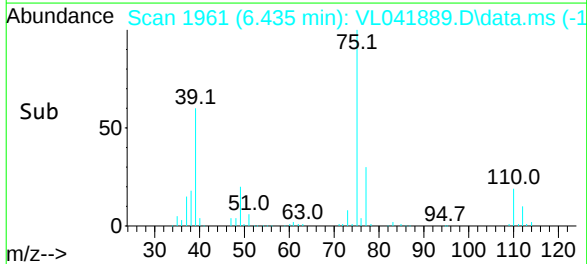
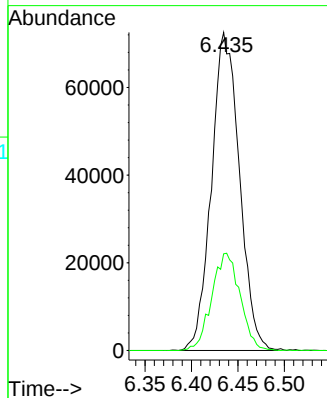
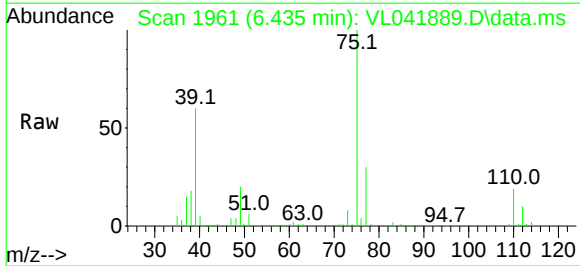
77 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#46

cis-1,3-Dichloropropene

Concen: 10.649 ppbv

RT: 5.622 min Scan# 1710

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

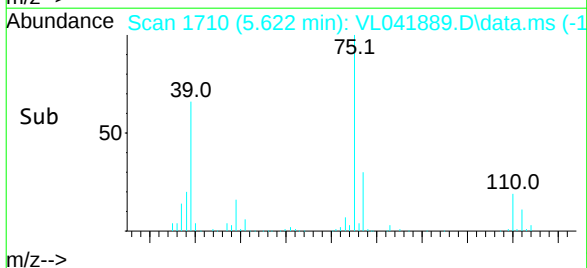
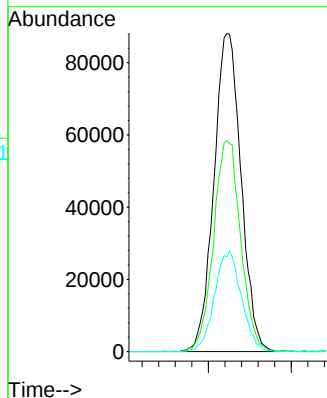
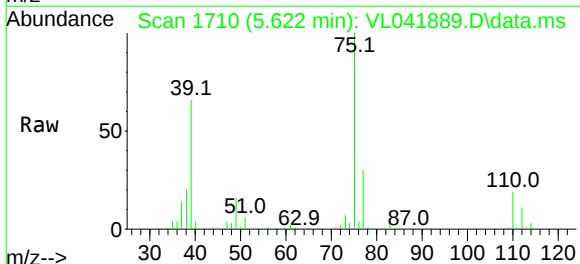
Tgt Ion: 75 Resp: 200330

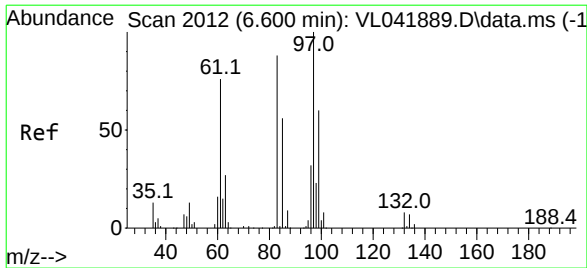
Ion Ratio Lower Upper

75 100

39 66.4 53.1 79.7

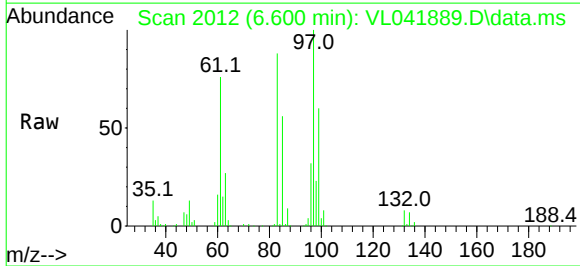
77 29.8 23.8 35.8





#47
1,1,2-Trichloroethane
Concen: 9.766 ppbv
RT: 6.600 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

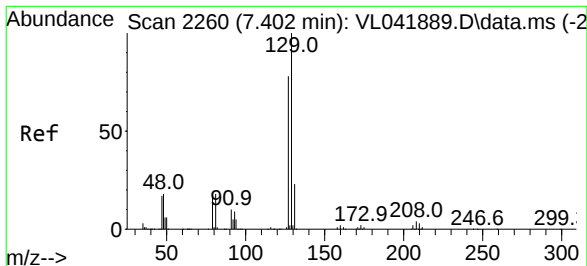
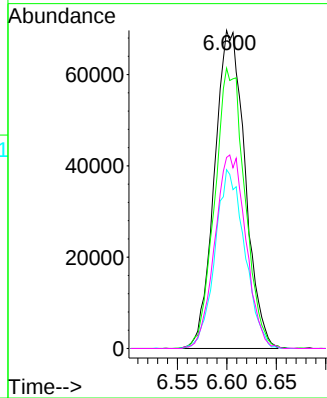
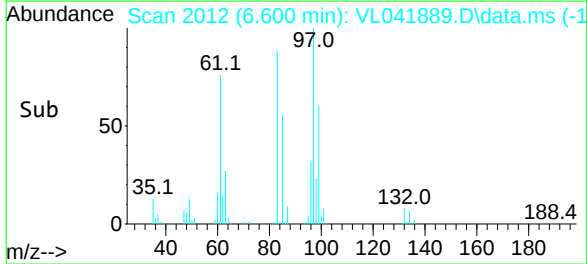
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 149634
Ion Ratio Lower Upper
97 100
83 88.0 70.4 105.6
85 56.2 45.0 67.4
99 60.1 48.1 72.1

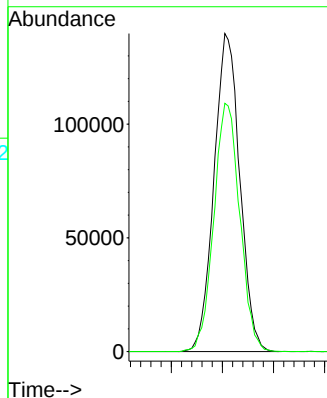
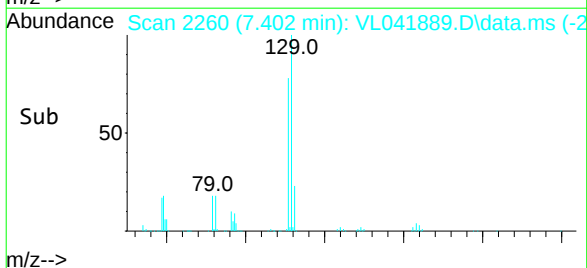
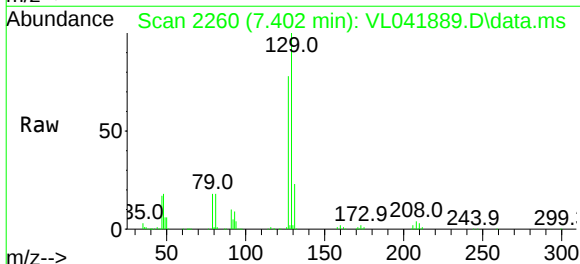
Manual Integrations
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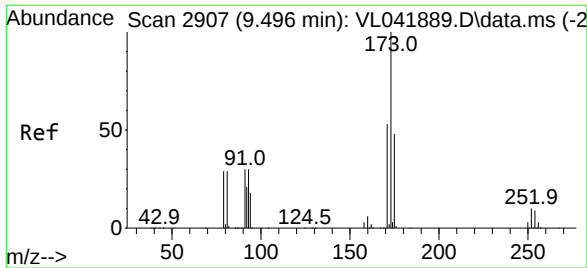
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#48
Dibromochloromethane
Concen: 10.368 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion:129 Resp: 245066
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8





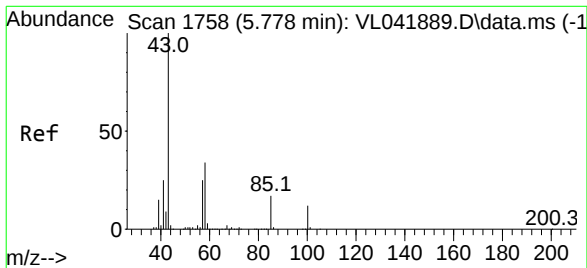
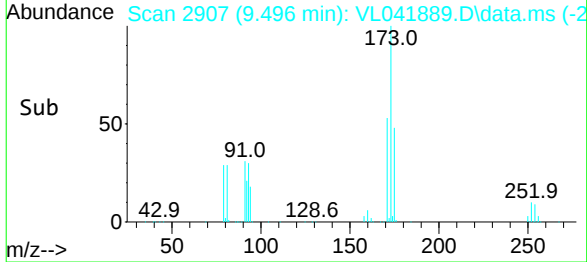
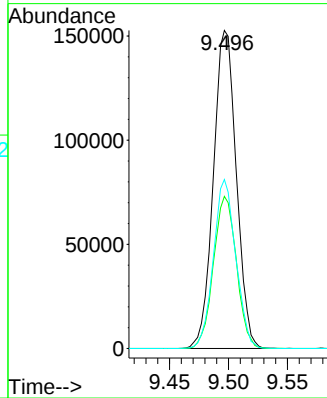
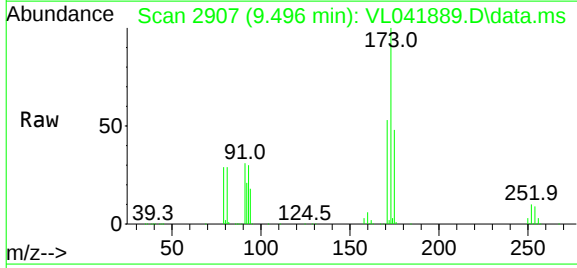
#49
Bromoform
Concen: 10.649 ppbv
RT: 9.496 min Scan# 2907
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 173 Resp: 206751
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
171 51.8 41.4 62.2

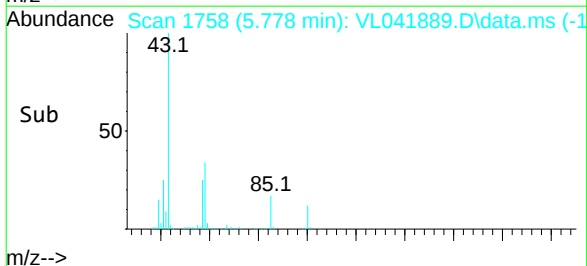
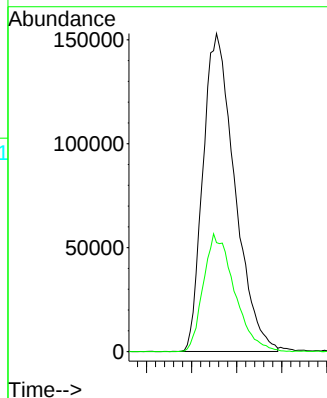
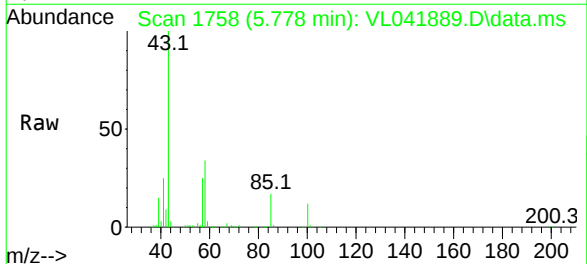
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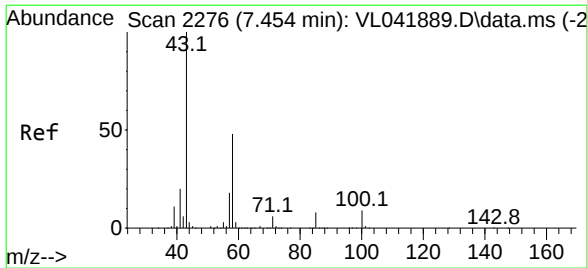
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#50
4-Methyl-2-Pentanone
Concen: 9.615 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 43 Resp: 374267
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6





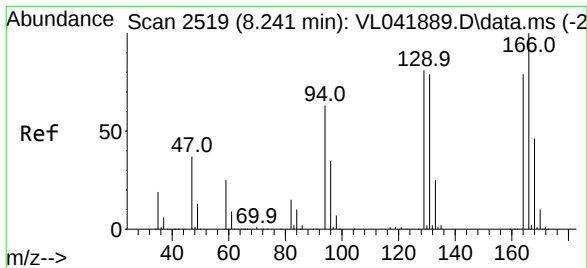
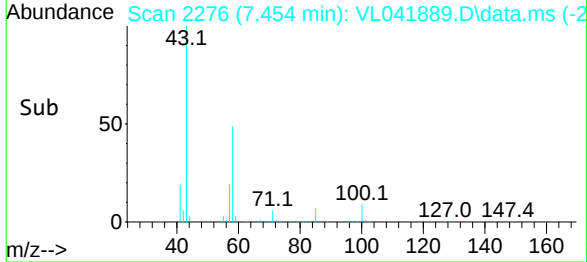
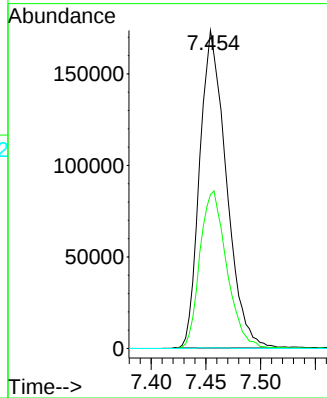
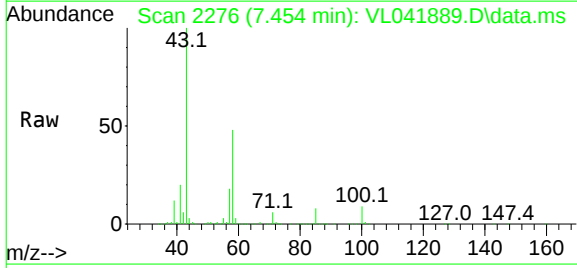
#51
2-Hexanone
Concen: 9.775 ppbv
RT: 7.454 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 292941
Ion Ratio Lower Upper
43 100
58 50.4 40.4 60.6
98 0.3 0.2 0.2

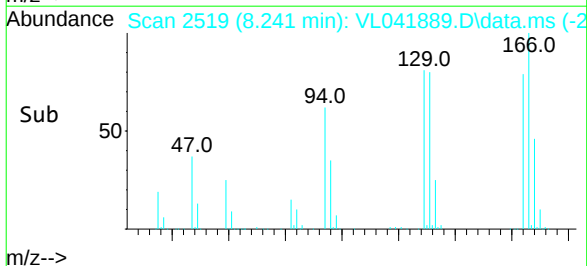
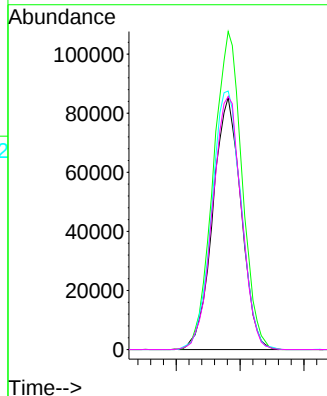
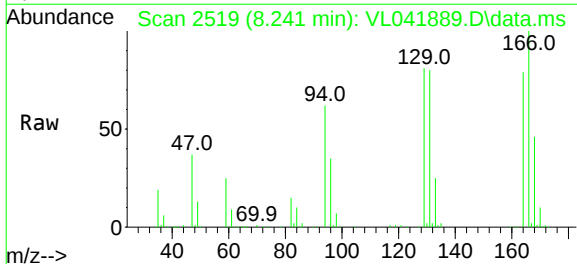
Manual Integrations
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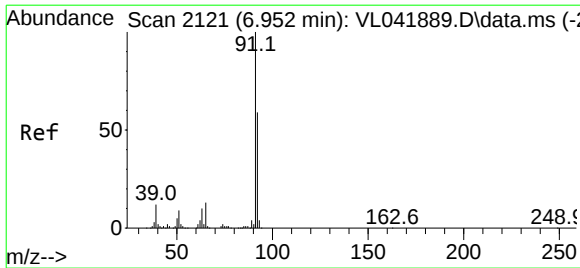
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#52
Tetrachloroethene
Concen: 9.193 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

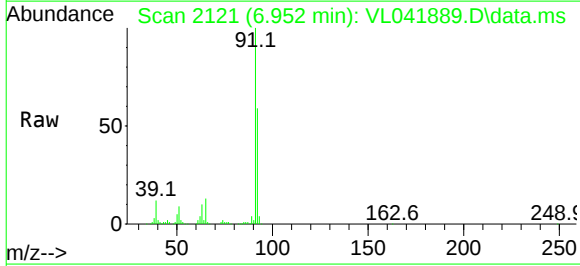
Tgt Ion:164 Resp: 131334
Ion Ratio Lower Upper
164 100
166 126.0 100.8 151.2
129 102.5 82.0 123.0
131 100.2 80.2 120.2





#53
Toluene
Concen: 10.116 ppbv
RT: 6.952 min Scan# 2121
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

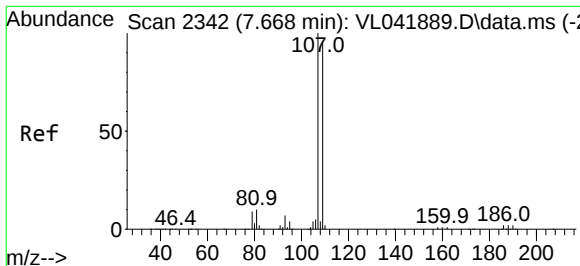
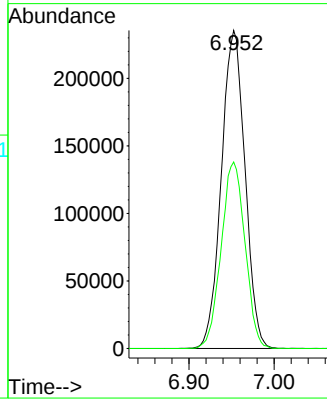
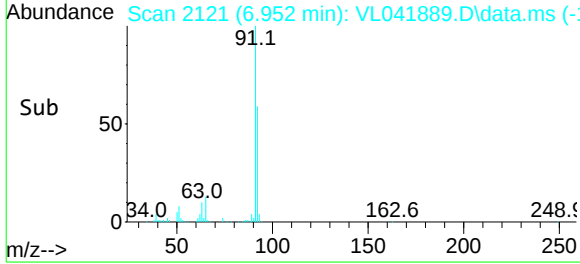
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



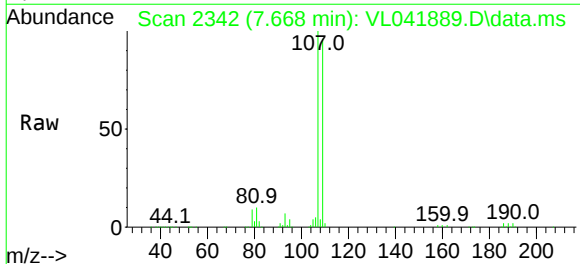
Tgt Ion: 91 Resp: 454085
Ion Ratio Lower Upper
91 100
92 59.2 47.4 71.0

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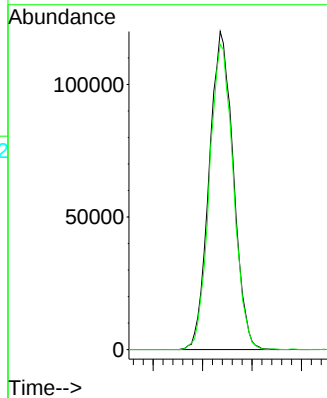
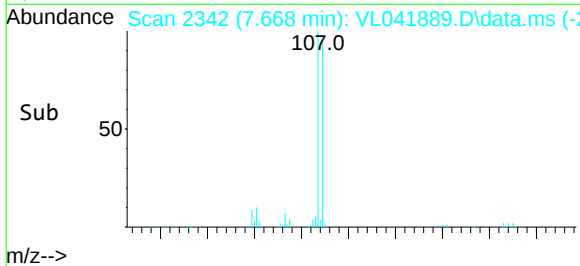
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

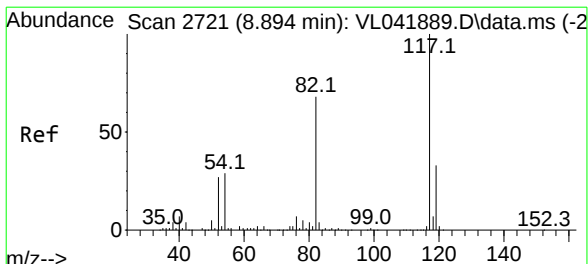


#54
1,2-Dibromoethane
Concen: 9.679 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55



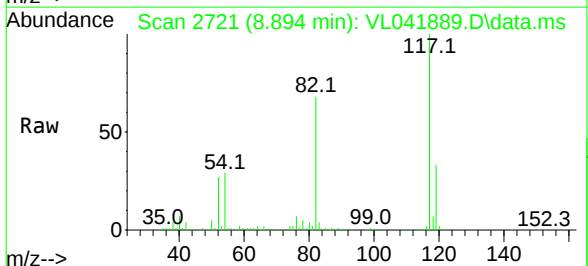
Tgt Ion:107 Resp: 203859
Ion Ratio Lower Upper
107 100
109 95.9 76.7 115.1





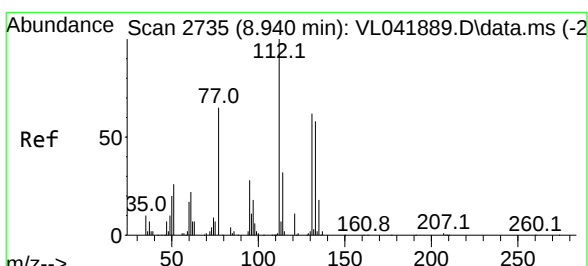
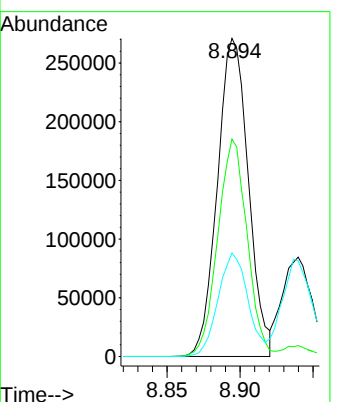
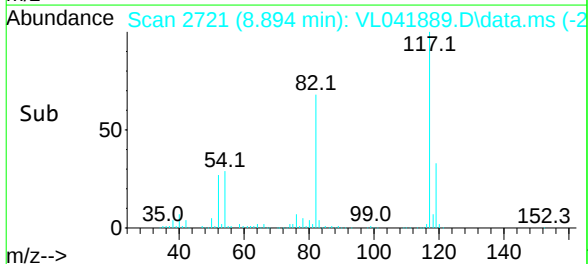
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.894 min Scan# 2721
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55

Instrument : MSVOA_L
 ClientSampleId : VSTDICCC010

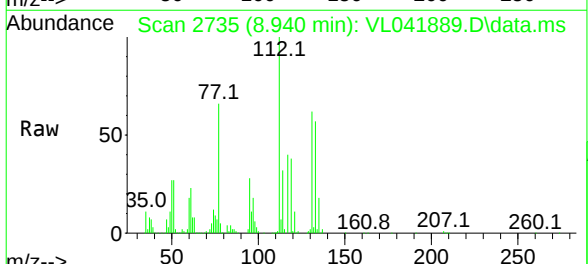


Tgt Ion:	117	Resp:	400269
Ion	Ratio	Lower	Upper
117	100		
82	67.8	54.2	81.4
119	32.1	25.0	37.6

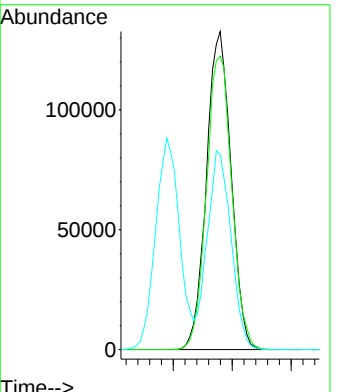
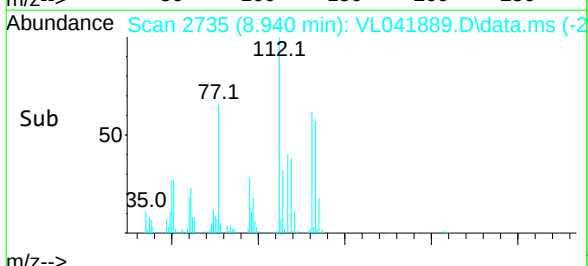
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

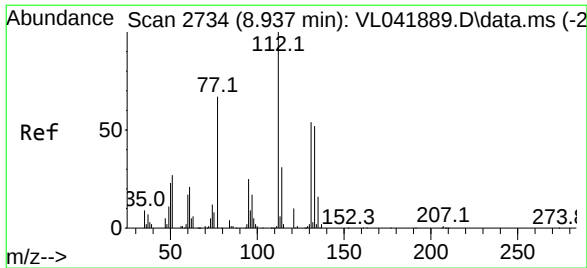


#56
 1,1,1,2-Tetrachloroethane
 Concen: 9.637 ppbv
 RT: 8.940 min Scan# 2735
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55



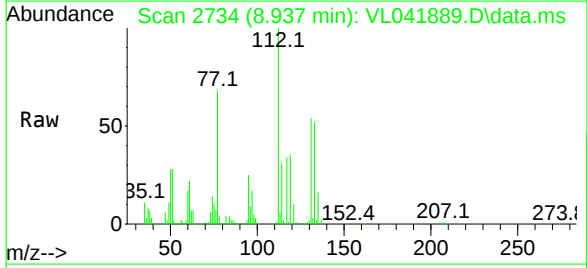
Tgt Ion:	131	Resp:	192449
Ion	Ratio	Lower	Upper
131	100		
133	95.0	76.0	114.0
119	60.8	49.7	74.5





#57
Chlorobenzene
Concen: 9.197 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

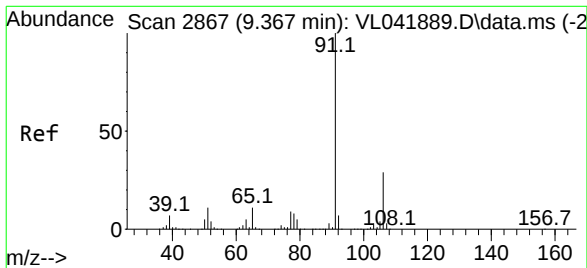
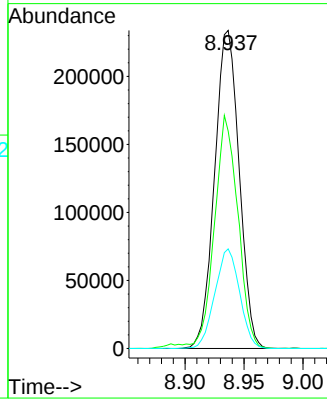
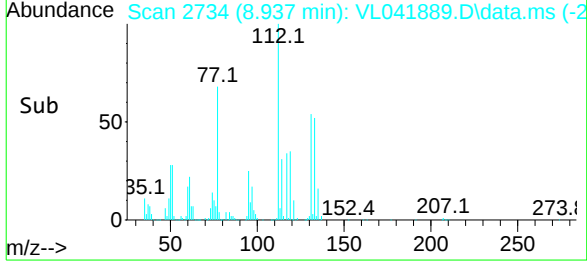
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 339570
Ion Ratio Lower Upper
112 100
77 68.3 54.6 82.0
114 31.3 28.2 34.4

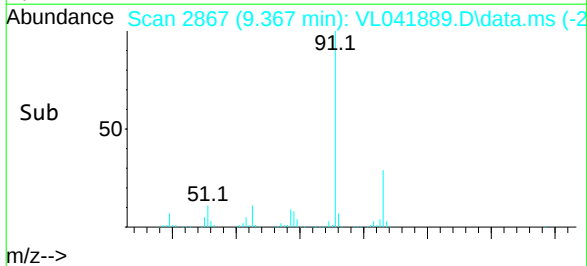
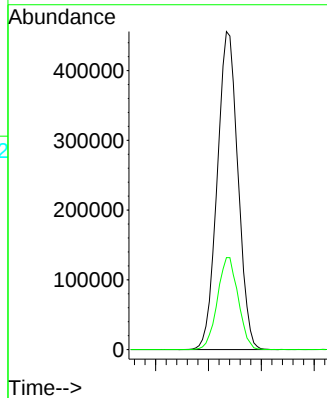
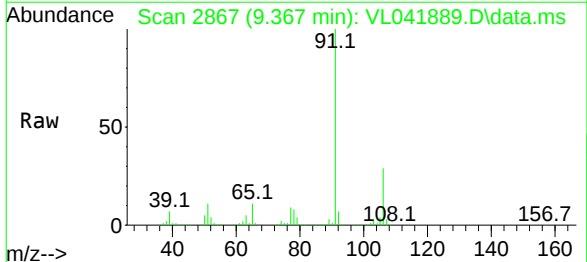
Manual Integrations
APPROVED

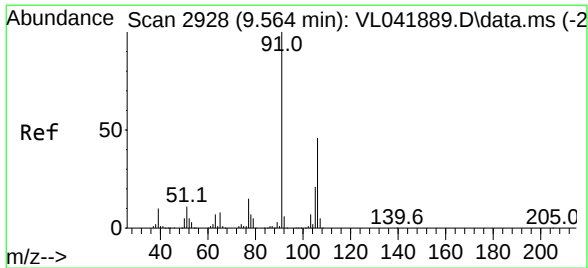
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#58
Ethyl Benzene
Concen: 9.923 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 91 Resp: 620719
Ion Ratio Lower Upper
91 100
106 28.9 23.1 34.7





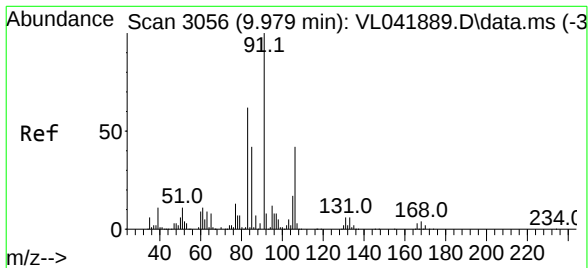
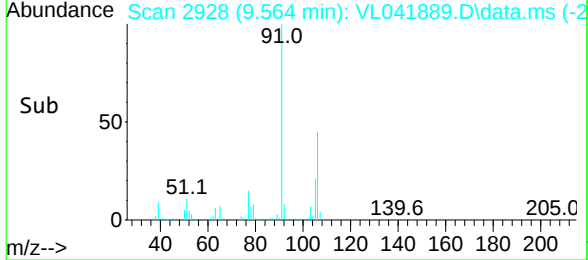
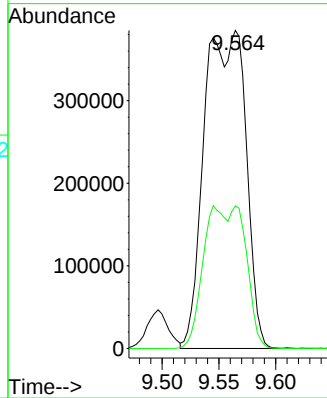
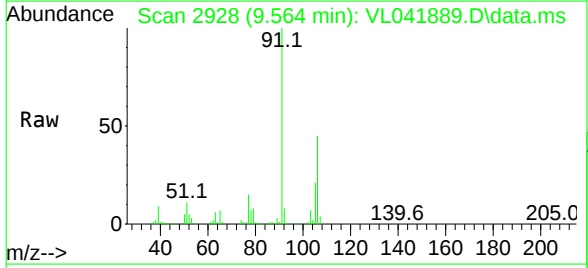
#59
m/p-Xylene
Concen: 19.504 ppbv m
RT: 9.564 min Scan# 2928
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 979297
Ion Ratio Lower Upper
91 100
106 0.0 36.0 54.0#

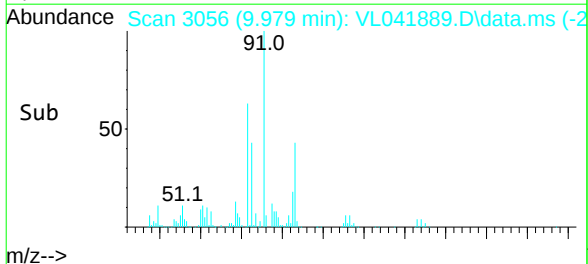
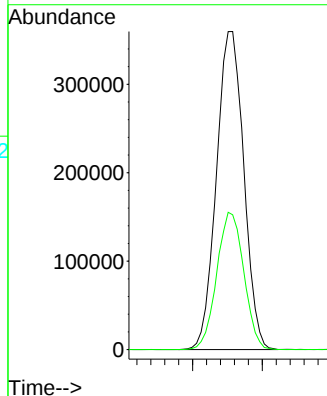
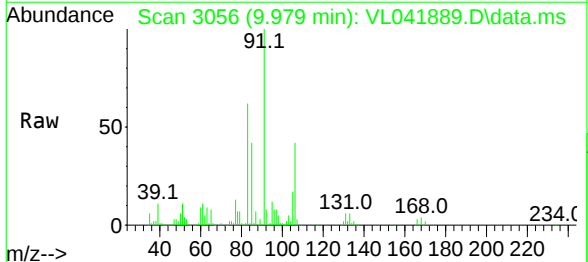
Manual Integrations
APPROVED

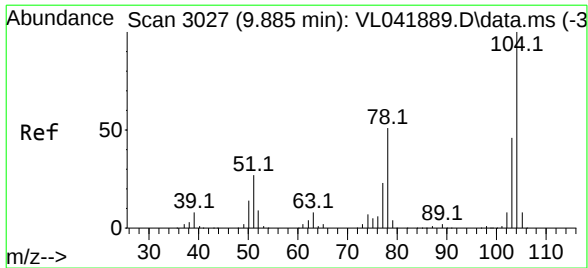
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#60
o-Xylene
Concen: 9.848 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion: 91 Resp: 490108
Ion Ratio Lower Upper
91 100
106 42.6 21.3 63.9





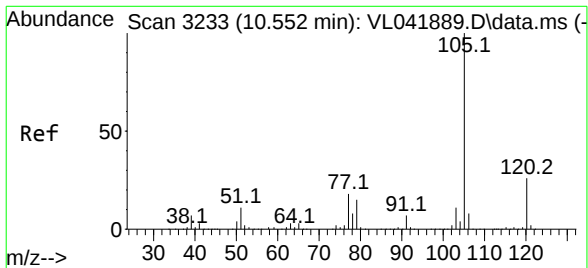
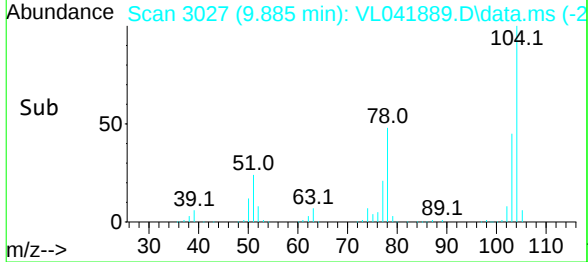
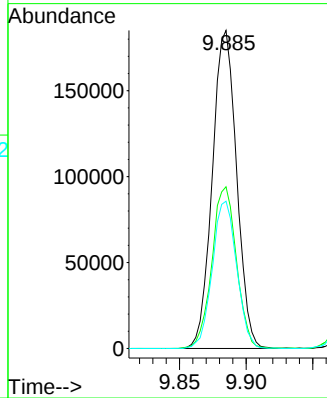
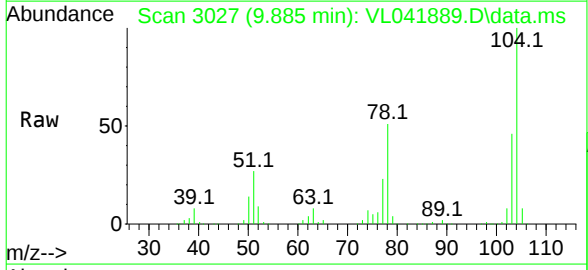
#61
Styrene
Concen: 10.522 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 234901
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 46.5 37.2 55.8

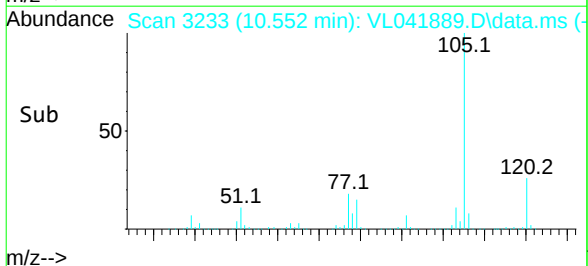
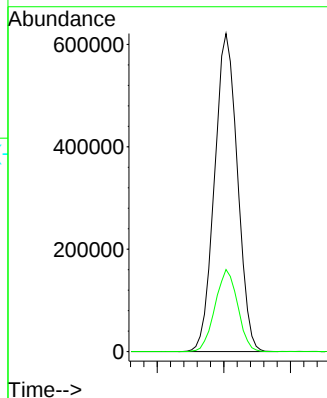
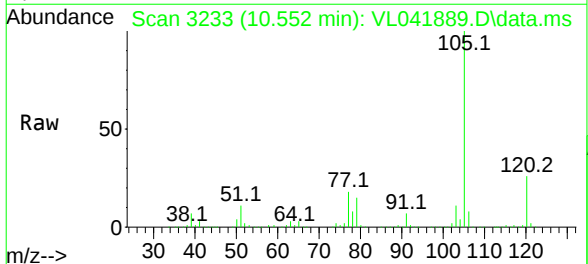
Manual Integrations
APPROVED

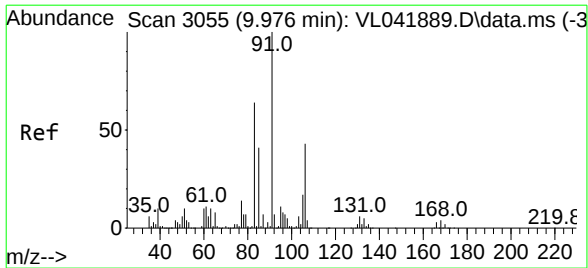
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#62
Isopropylbenzene
Concen: 9.638 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

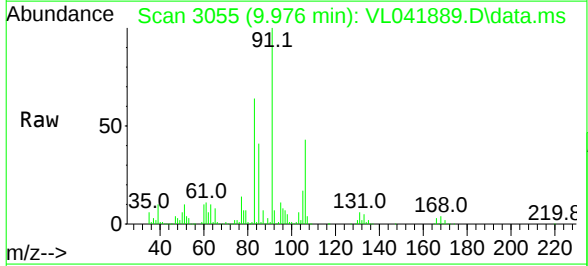
Tgt Ion:105 Resp: 742261
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.596 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

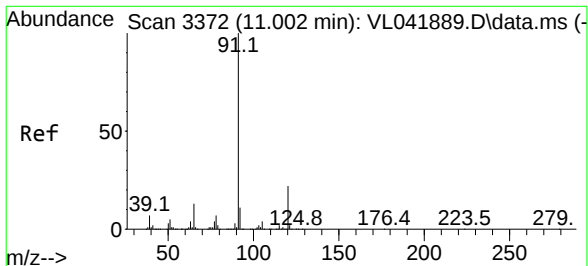
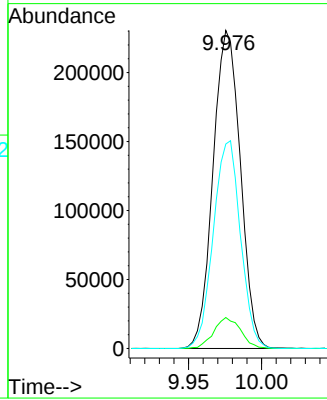
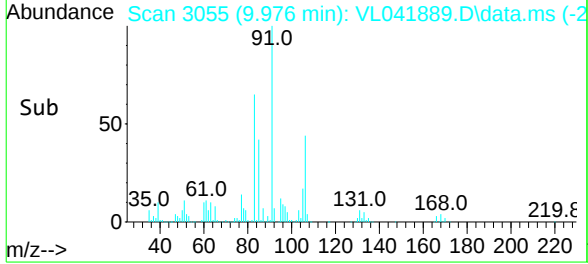
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 300600
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.9 32.4 97.2

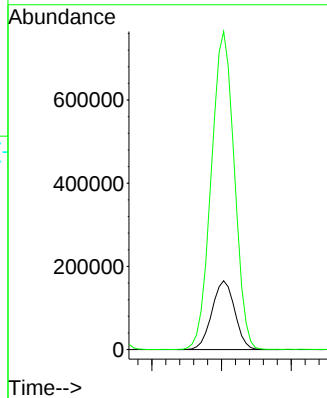
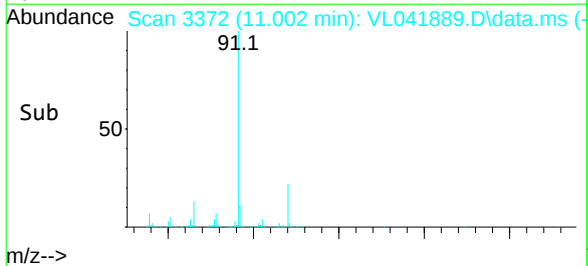
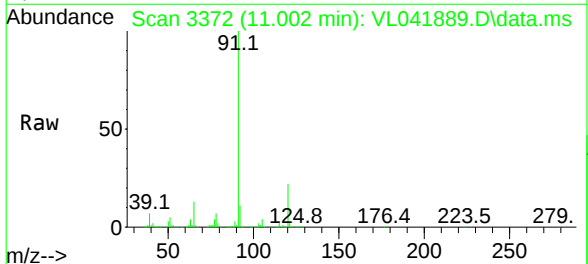
Manual Integrations
APPROVED

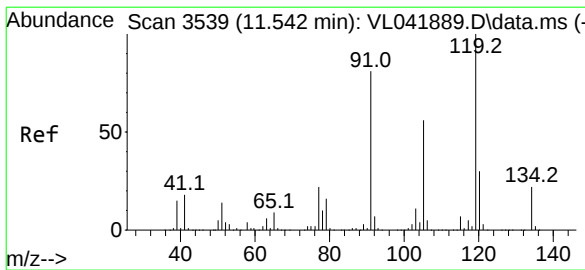
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#64
n-propylbenzene
Concen: 9.646 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion:120 Resp: 187706
Ion Ratio Lower Upper
120 100
91 468.9 374.1 561.1





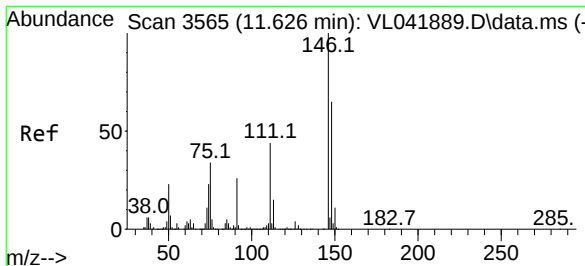
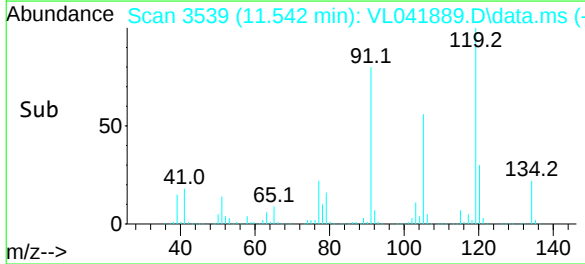
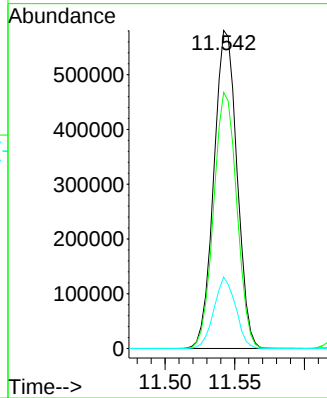
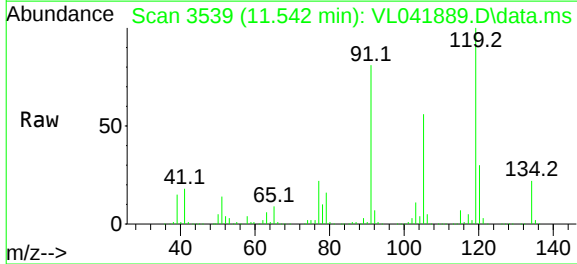
#65
tert-Butylbenzene
Concen: 9.550 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:	119	Resp:	670259
Ion Ratio	Lower	Upper	
119	100		
91	80.8	64.6	97.0
134	21.0	16.8	25.2

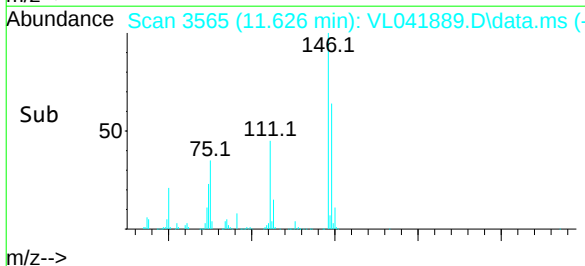
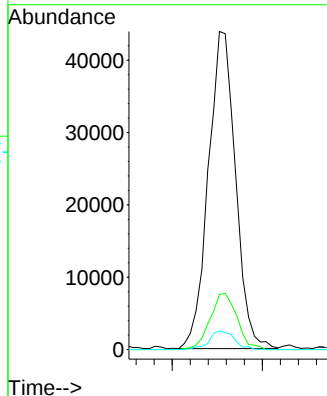
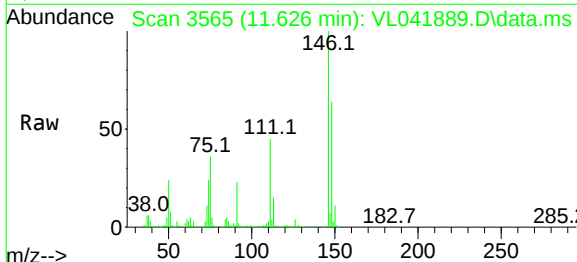
Manual Integrations
APPROVED

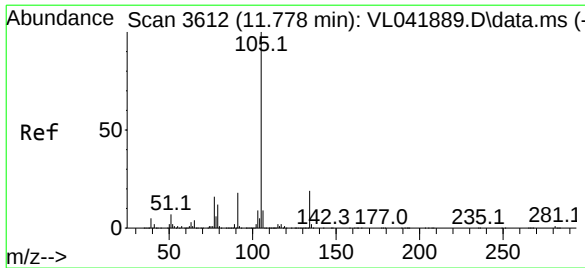
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#66
Benzyl Chloride
Concen: 10.591 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion:	91	Resp:	46008
Ion Ratio	Lower	Upper	
91	100		
126	17.6	14.1	21.1
128	5.4	4.3	6.5





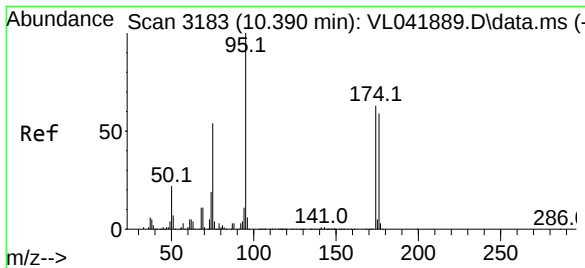
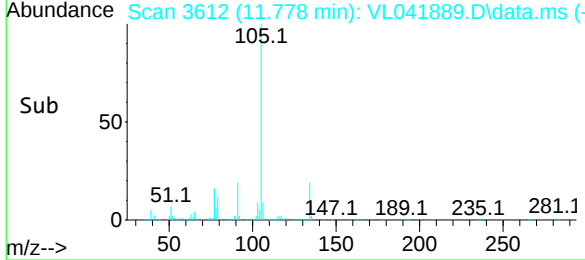
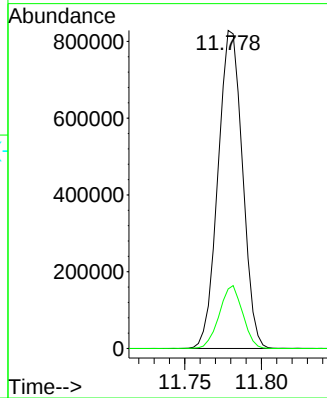
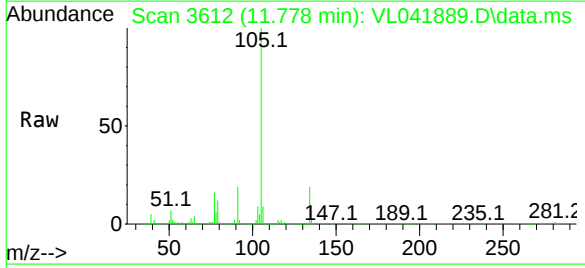
#67
 sec-Butylbenzene
 Concen: 9.521 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 105 Resp: 920046
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7

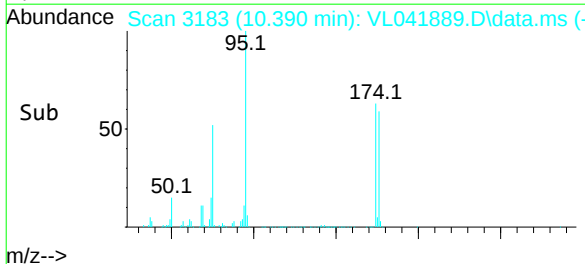
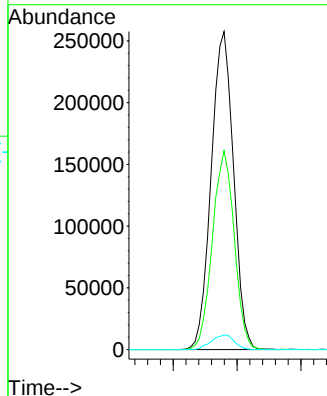
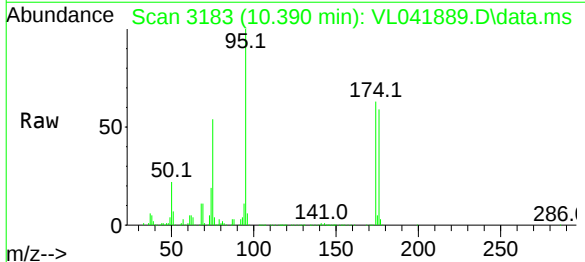
Manual Integrations
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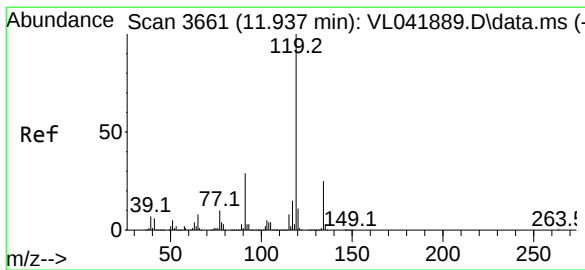
Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.934 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 12:55

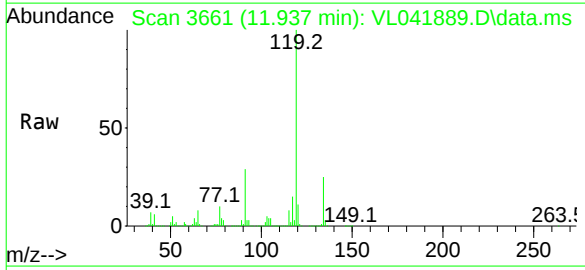
Tgt Ion: 95 Resp: 313194
 Ion Ratio Lower Upper
 95 100
 174 61.2 49.0 73.4
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 9.694 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

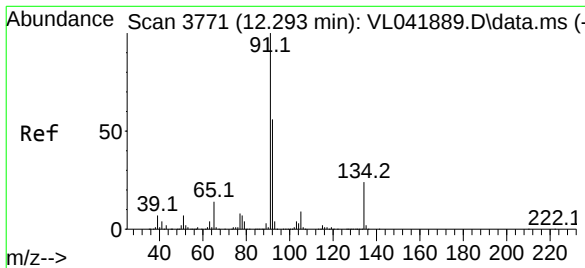
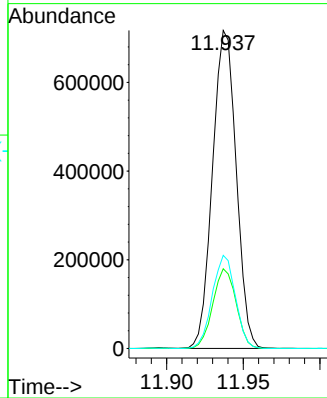
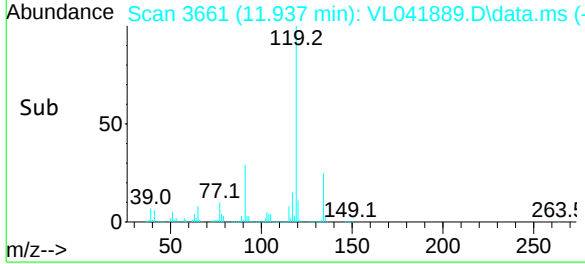
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:	119	Resp:	771465
Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.8	29.6
91	28.6	23.0	34.4

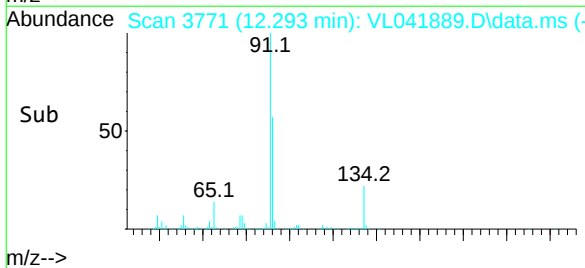
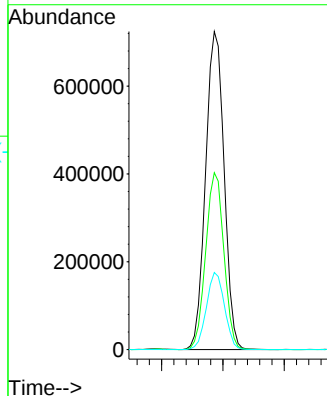
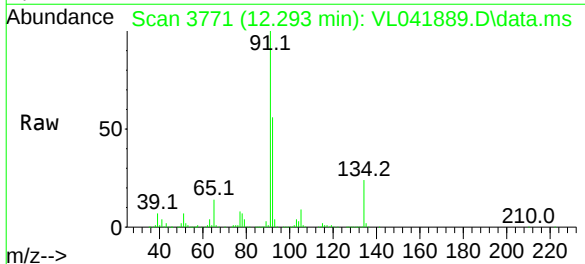
Manual Integrations
APPROVED

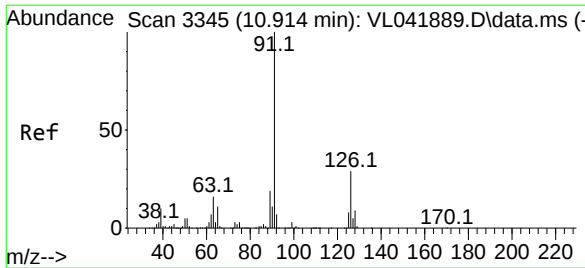
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#70
n-Butylbenzene
Concen: 9.627 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

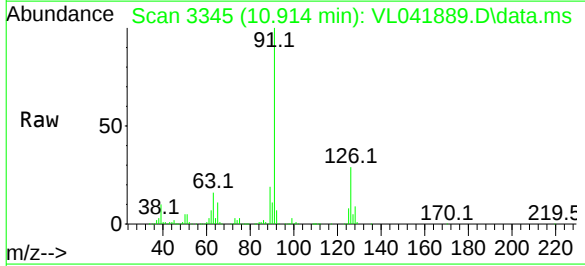
Tgt Ion:	91	Resp:	759785
Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	23.7	19.0	28.6





#71
2-Chlorotoluene
Concen: 9.763 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

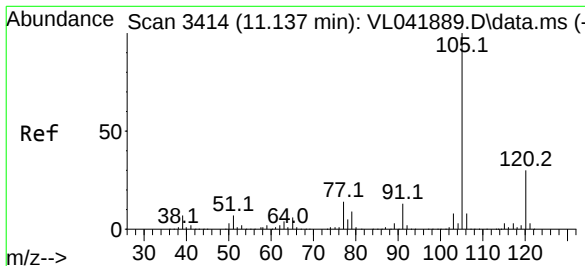
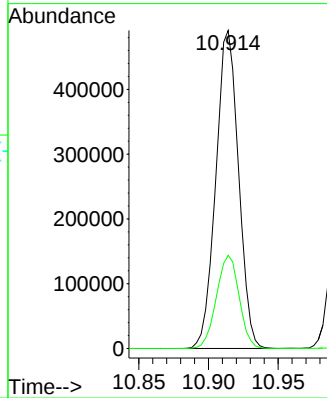
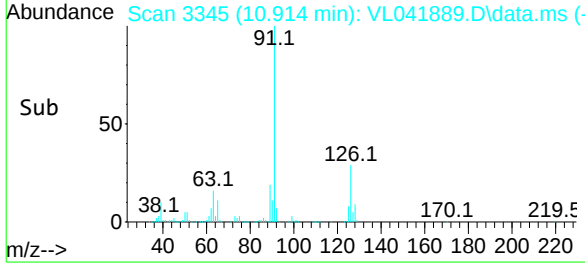
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



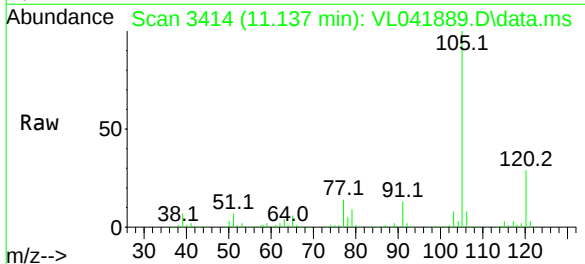
Tgt Ion: 91 Resp: 556176
Ion Ratio Lower Upper
91 100
126 29.2 11.7 46.7

Manual Integrations
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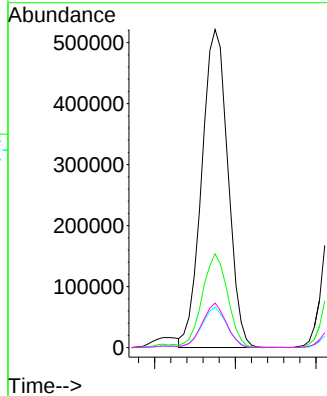
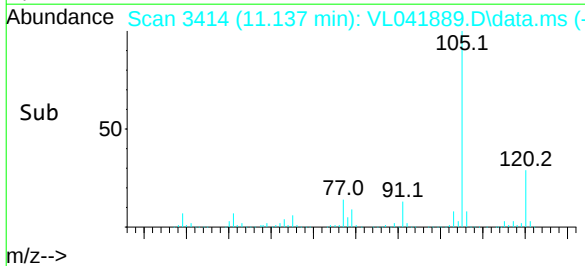
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

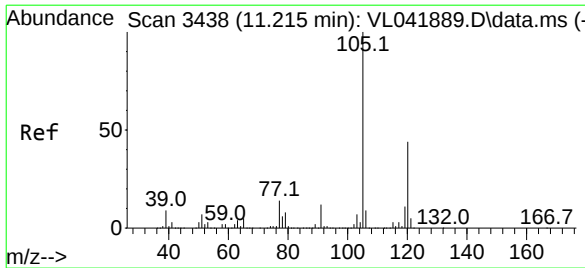


#72
4-Ethyltoluene
Concen: 9.855 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55



Tgt Ion:105 Resp: 586667
Ion Ratio Lower Upper
105 100
120 29.6 23.7 35.5
91 12.7 10.2 15.2
77 13.5 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 9.614 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 505443

Ion Ratio Lower Upper

105 100

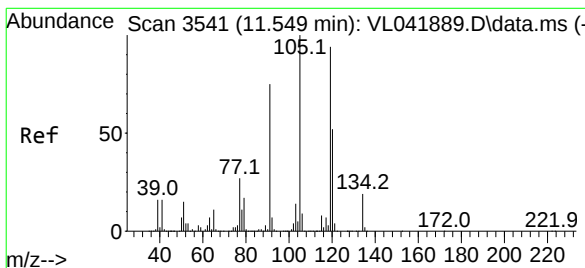
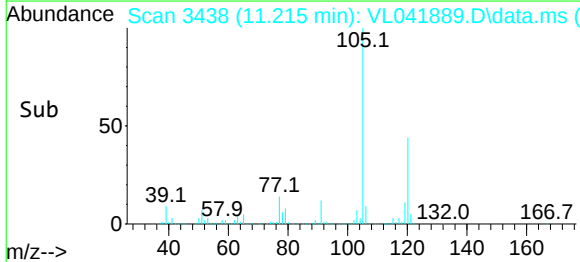
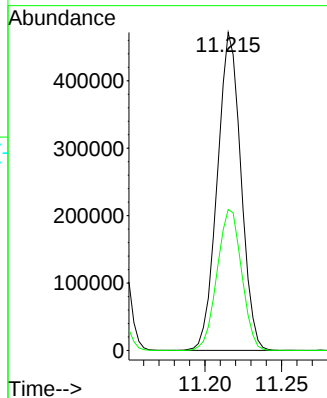
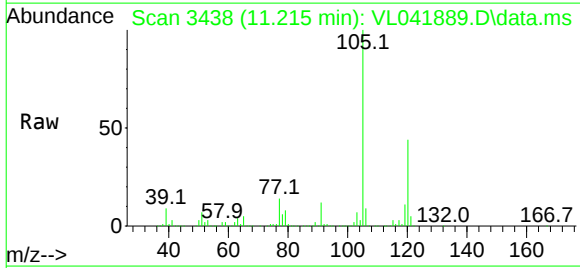
120 44.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.461 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Tgt Ion:105 Resp: 538665

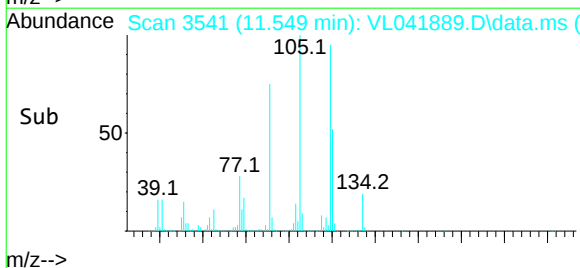
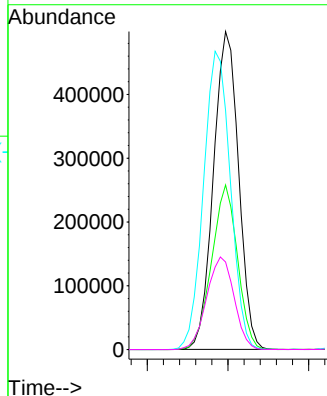
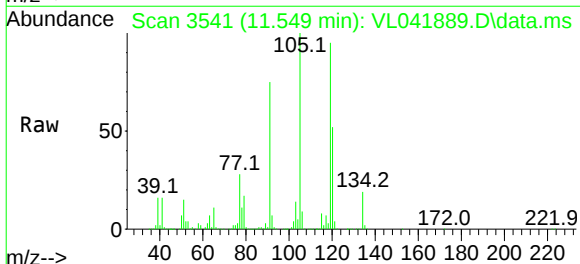
Ion Ratio Lower Upper

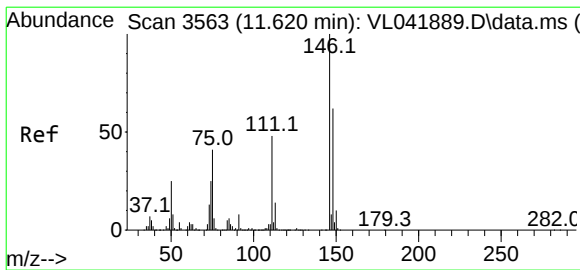
105 100

120 51.8 41.4 62.2

91 75.2 60.2 90.2

77 27.5 22.0 33.0





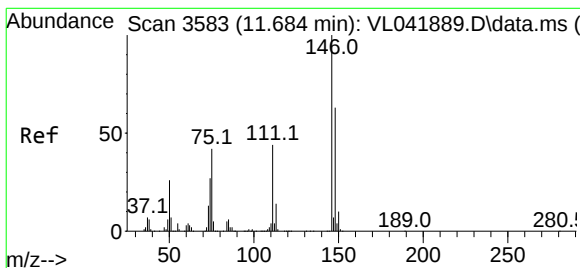
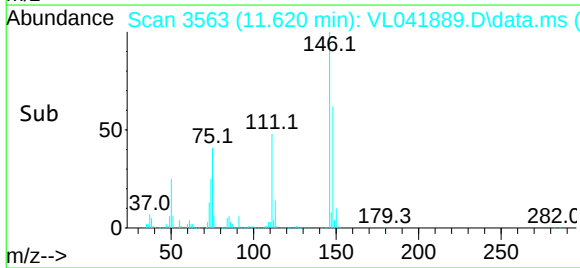
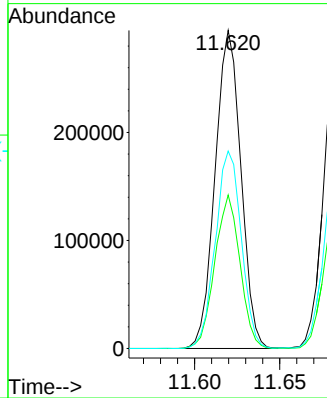
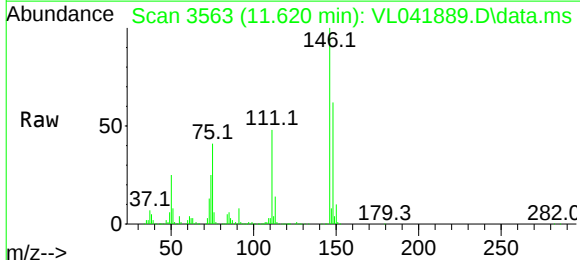
#75
1,3-Dichlorobenzene
Concen: 9.201 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 310421
Ion Ratio Lower Upper
146 100
111 47.3 23.6 70.8
148 62.6 31.4 94.0

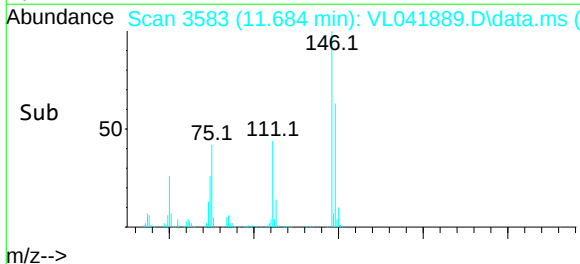
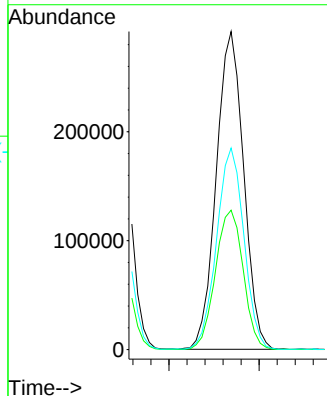
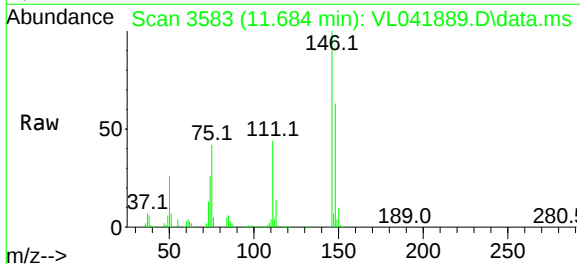
Manual Integrations
APPROVED

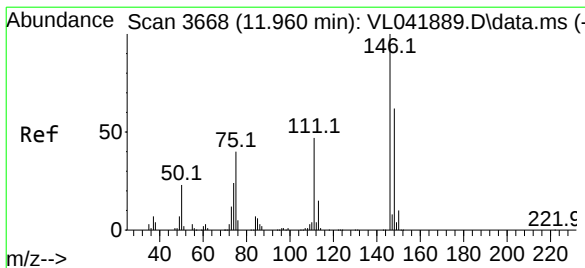
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#76
1,4-Dichlorobenzene
Concen: 9.324 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Tgt Ion:146 Resp: 307758
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 63.7 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 9.068 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Instrument :

MSVOA_L

ClientSampleId :

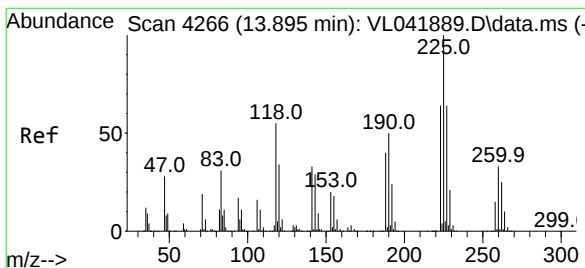
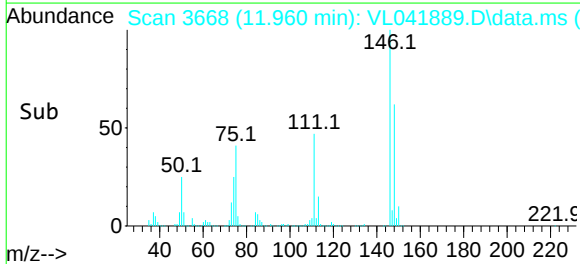
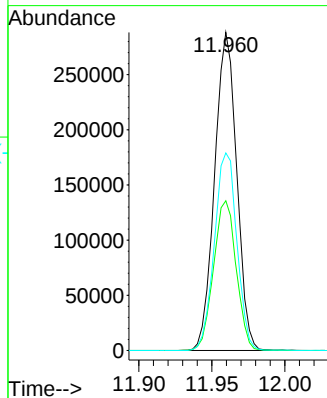
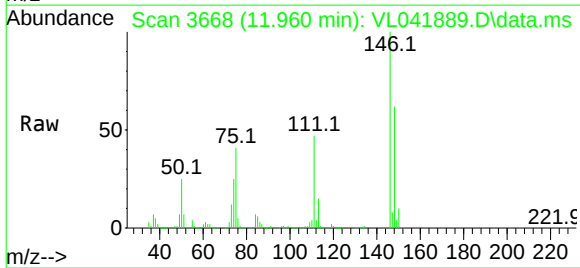
VSTDICCC010

Tgt Ion:	146	Resp:	303196
Ion Ratio	Lower	Upper	
146	100		
111	48.4	24.2	72.6
148	63.5	31.7	95.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.543 ppbv

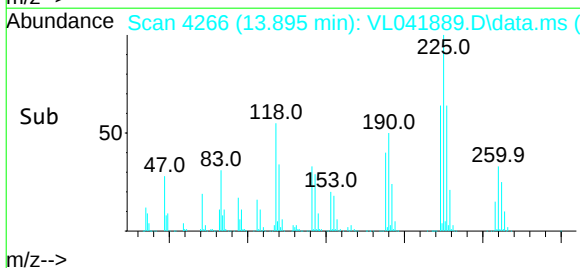
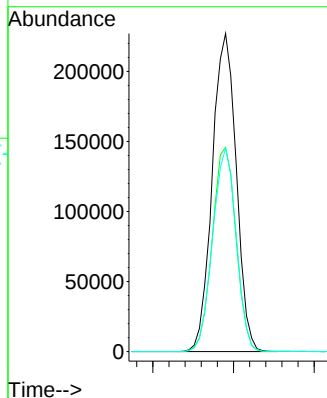
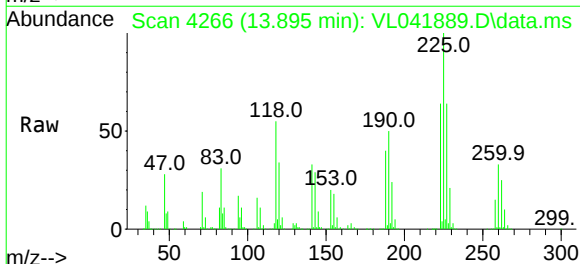
RT: 13.895 min Scan# 4266

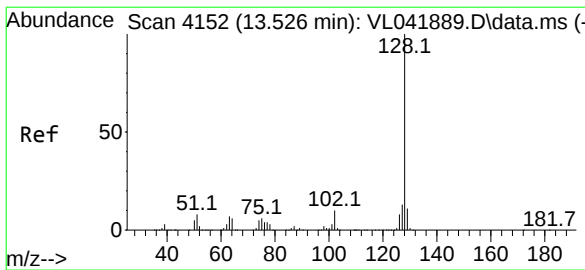
Delta R.T. 0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 12:55

Tgt Ion:	225	Resp:	234457
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.8	76.2
227	62.9	50.3	75.5





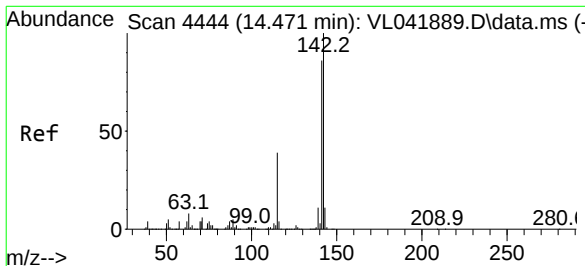
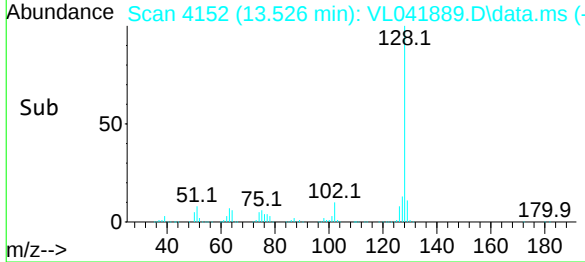
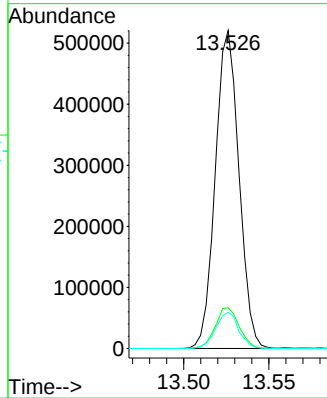
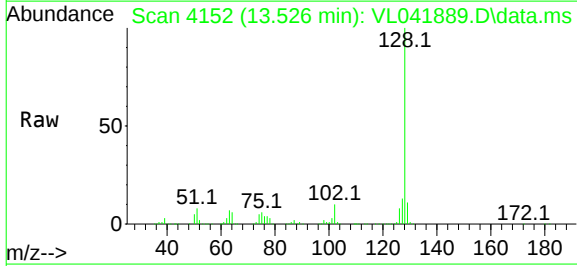
#79
Naphthalene
Concen: 8.764 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:	128	Resp:	502354
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.4	9.1	13.7

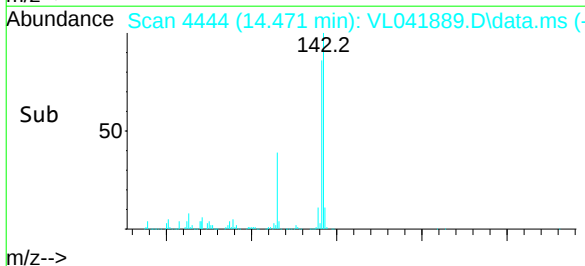
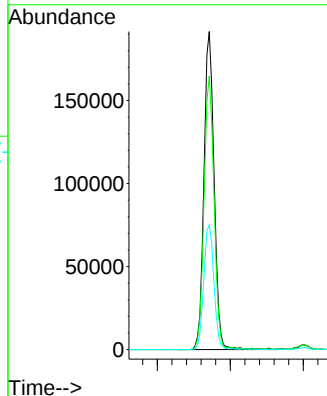
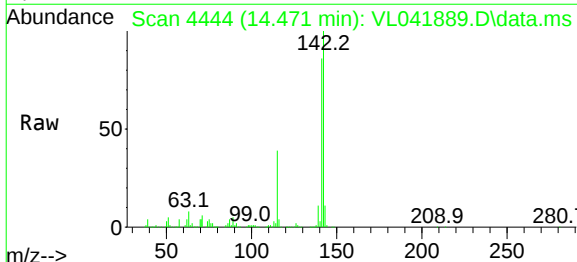
Manual Integrations
APPROVED

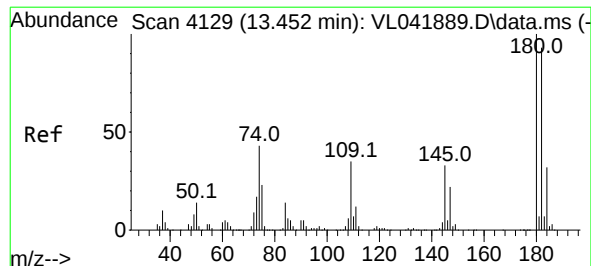
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#80
Naphthalene, 2-methyl-
Concen: 6.819 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

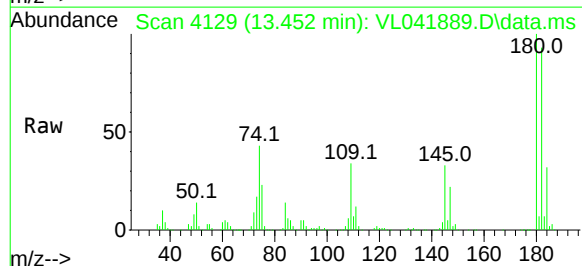
Tgt Ion:	142	Resp:	185336
Ion Ratio	Lower	Upper	
142	100		
141	85.1	68.1	102.1
115	39.6	31.7	47.5





#81
1,2,4-Trichlorobenzene
Concen: 8.553 ppbv
RT: 13.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041889.D
Acq: 14 Jan 2025 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 239317
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
184 31.1 24.9 37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

