

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041896.D
 Acq On : 14 Jan 2025 17:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL011425

Manual Integrations
 APPROVED

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

Quant Time: Jan 15 03:23:15 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 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	141664	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	417936	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	373391	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 298000 10.133 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	190925	9.894	ppbv	97
3) Chlorodifluoromethane	1.479	51	200455	9.916	ppbv	100
4) Chloromethane	1.534	50	71767	9.889	ppbv	95
5) Vinyl Chloride	1.583	62	71974	9.791	ppbv	94
6) Bromomethane	1.670	94	33594	9.589	ppbv	96
7) Chloroethane	1.706	64	29553	10.333	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	163783	9.712	ppbv	99
9) Propene	1.486	41	82320	9.886	ppbv	99
10) Heptane	4.998	43	225230	10.119	ppbv	99
11) Trichlorofluoromethane	1.881	101	198523	9.890	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.143	101	159862	10.162	ppbv	100
13) Ethanol	1.725	45	3780	6.197	ppbv	97
14) Bromoethene	1.784	108	57260	9.941	ppbv	98
15) Acetone	1.839	43	150112	8.822	ppbv	98
16) 1,3-Butadiene	1.612	39	73640	9.643	ppbv	100
17) tert-Butyl alcohol	2.046	59	204358	9.758	ppbv	98
18) 1,1-Dichloroethene	2.039	96	71011	10.015	ppbv	96
19) Isopropyl Alcohol	1.890	45	93592	9.277	ppbv	97
20) Methylene Chloride	2.065	84	60115	8.940	ppbv	97
21) Allyl Chloride	2.101	41	118907	10.092	ppbv	97
22) trans-1,2-Dichloroethene	2.347	96	77379	9.669	ppbv	96
23) Vinyl Acetate	2.470	43	80428	9.536	ppbv #	95
24) 1,1-Dichloroethane	2.415	63	155440	10.042	ppbv	98
25) Ethyl Acetate	2.842	43	458484	9.993	ppbv	100
26) Hexane	2.832	57	184436	10.164	ppbv	99
27) Carbon Disulfide	2.156	76	186668	10.395	ppbv	98
28) Methyl tert-Butyl Ether	2.447	73	112489	8.110	ppbv	99
29) Chloroform	2.855	83	282467	9.847	ppbv	99
30) Cyclohexane	3.865	84	159296	10.120	ppbv	99
31) cis-1,2-Dichloroethene	2.729	61	187012	9.787	ppbv	97
32) 1,1,1-Trichloroethane	3.376	97	284661	10.371	ppbv	99
34) 2-Butanone	2.564	43	261536	9.840	ppbv	99
35) Carbon Tetrachloride	3.771	117	285391	10.871	ppbv	96
36) Benzene	3.667	78	374271	9.764	ppbv	99
37) 1,2-Dichloroethane	3.227	62	214545	9.966	ppbv	100
38) Trichloroethene	4.564	130	153255	10.075	ppbv	95
39) 1,2-Dichloropropane	4.324	63	130483	9.704	ppbv	97
40) 1,4-Dioxane	4.599	88	63736	9.386	ppbv #	99
41) Tetrahydrofuran	3.062	42	148132	10.255	ppbv	98
42) Bromodichloromethane	4.506	83	299656	10.381	ppbv	96
43) Methyl Methacrylate	4.894	69	145663	10.229	ppbv	100
44) 2,2,4-Trimethylpentane	4.654	57	619804	9.997	ppbv	100
45) t-1,3-Dichloropropene	6.428	75	145145	10.889	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041896.D
 Acq On : 14 Jan 2025 17:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL011425

Manual Integrations
 APPROVED

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

Quant Time: Jan 15 03:23:15 2025

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

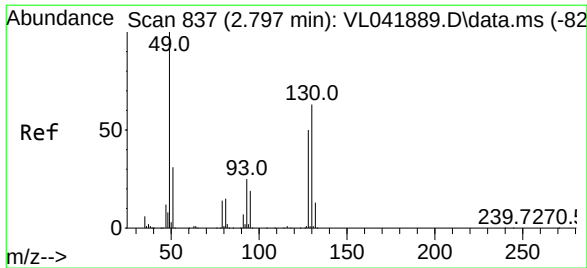
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	186898	10.680	ppbv	98
47) 1,1,2-Trichloroethane	6.596	97	140891	9.886	ppbv	97
48) Dibromochloromethane	7.399	129	238244	10.835	ppbv	100
49) Bromoform	9.493	173	201141	11.136	ppbv	99
50) 4-Methyl-2-Pentanone	5.771	43	363675	10.023	ppbv	99
51) 2-Hexanone	7.451	43	284058	10.189	ppbv #	99
52) Tetrachloroethene	8.237	164	127806	9.616	ppbv	98
53) Toluene	6.949	91	427033	10.227	ppbv	99
54) 1,2-Dibromoethane	7.665	107	199339	10.175	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.937	131	188209	10.103	ppbv	99
57) Chlorobenzene	8.933	112	329025	9.553	ppbv	99
58) Ethyl Benzene	9.364	91	601857	10.314	ppbv	99
59) m/p-Xylene	9.561	91	964838m	20.628	ppbv	
60) o-Xylene	9.972	91	480442	10.348	ppbv	100
61) Styrene	9.878	104	229797	11.034	ppbv	99
62) Isopropylbenzene	10.548	105	728189	10.136	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	290998	9.809	ppbv	100
64) n-propylbenzene	10.998	120	182397	10.048	ppbv	98
65) tert-Butylbenzene	11.539	119	657521	10.043	ppbv	100
66) Benzyl Chloride	11.623	91	42509	10.490	ppbv #	97
67) sec-Butylbenzene	11.778	105	901260	9.997	ppbv	98
69) p-Isopropyltoluene	11.934	119	745566	10.043	ppbv	99
70) n-Butylbenzene	12.290	91	733637	9.965	ppbv	99
71) 2-Chlorotoluene	10.911	91	543858	10.234	ppbv	100
72) 4-Ethyltoluene	11.134	105	568921	10.245	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	493388	10.061	ppbv	99
74) 1,2,4-Trimethylbenzene	11.545	105	528225	9.946	ppbv	98
75) 1,3-Dichlorobenzene	11.617	146	304133	9.664	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	297765	9.670	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	298039	9.555	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	228592	8.929	ppbv	99
79) Naphthalene	13.523	128	497063	9.295	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	187571	7.398	ppbv	98
81) 1,2,4-Trichlorobenzene	13.448	180	236181	9.049	ppbv	99

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



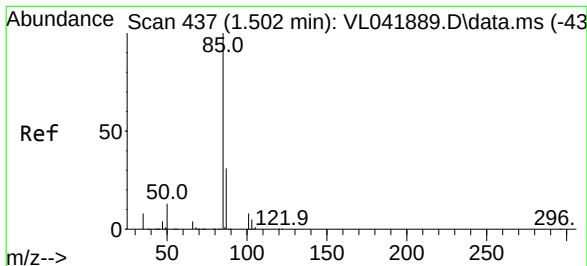
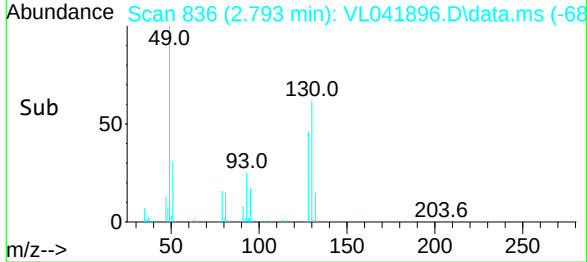
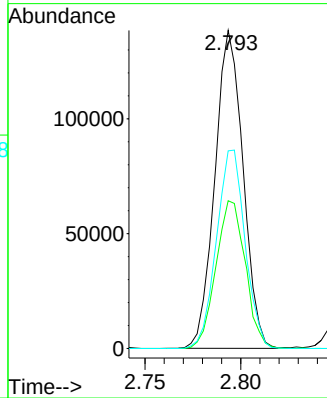
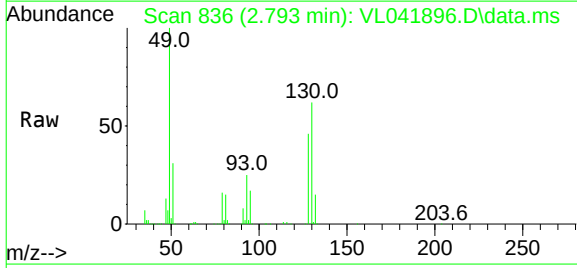
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 837
Delta R.T. -0.004 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425

Tgt Ion: 49 Resp: 141664
Ion Ratio Lower Upper
49 100
128 48.4 24.3 73.0
130 63.4 31.1 93.2

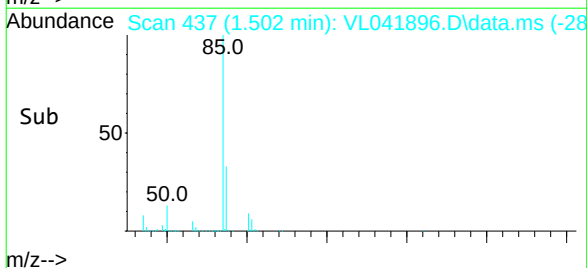
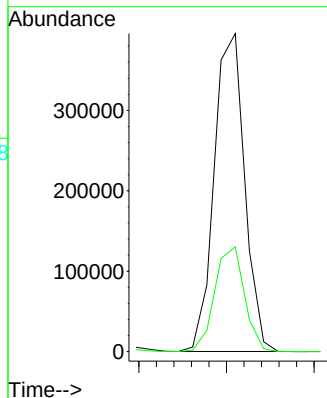
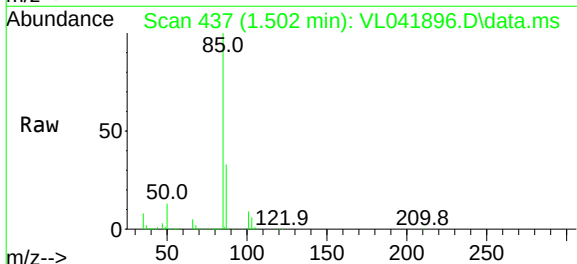
Manual Integrations
APPROVED

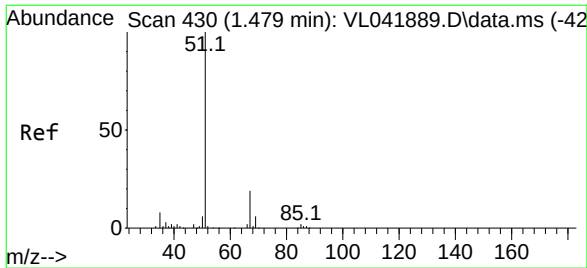
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#2
Dichlorodifluoromethane
Concen: 9.894 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 85 Resp: 190925
Ion Ratio Lower Upper
85 100
87 32.9 24.9 37.3





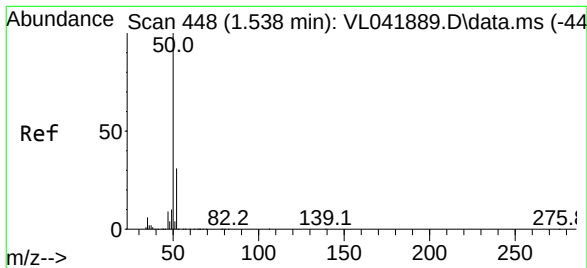
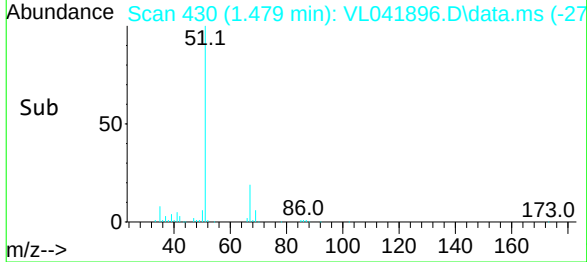
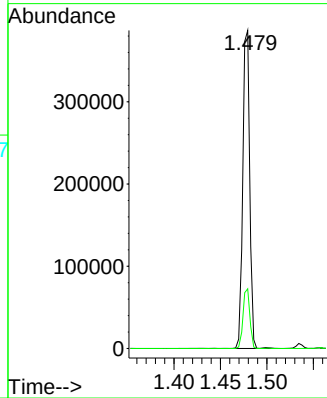
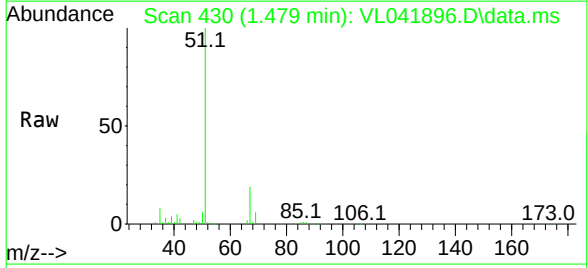
#3
Chlorodifluoromethane
Concen: 9.916 ppbv
RT: 1.479 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425

Tgt Ion: 51 Resp: 200455
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.4

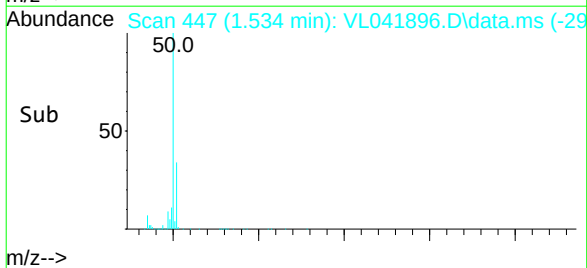
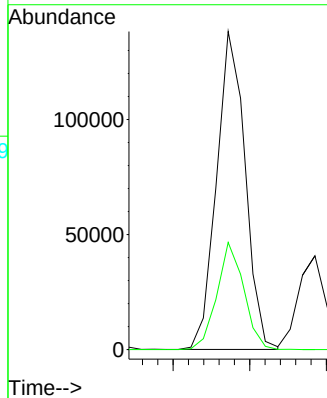
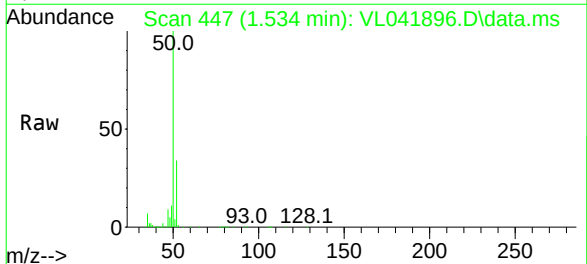
Manual Integrations
APPROVED

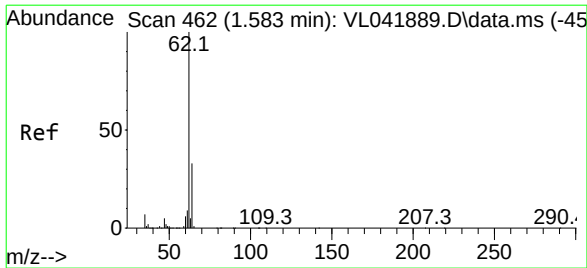
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#4
Chloromethane
Concen: 9.889 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

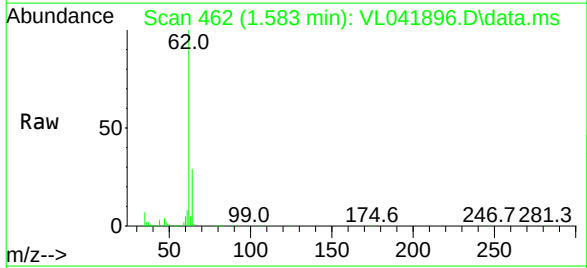
Tgt Ion: 50 Resp: 71767
Ion Ratio Lower Upper
50 100
52 33.7 24.6 36.8





#5
 Vinyl Chloride
 Concen: 9.791 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041896.D
 Acq: 14 Jan 2025 17:33

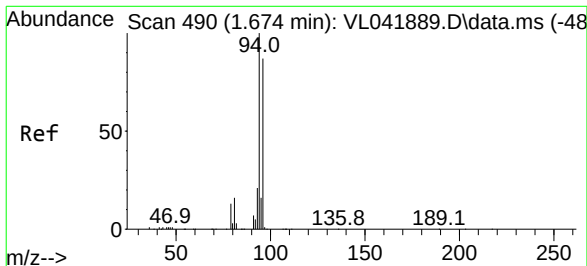
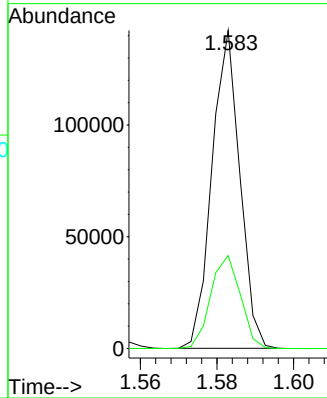
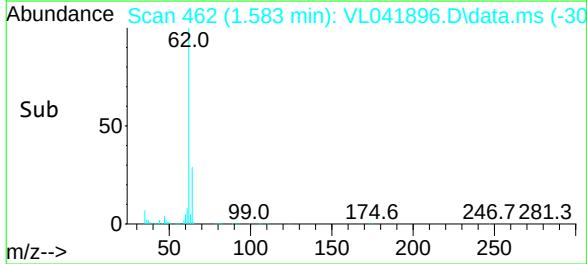
Instrument : MSVOA_1
 ClientSampleId : ICVVL011425



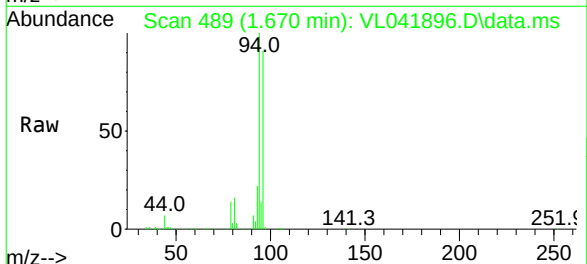
Tgt Ion: 62 Resp: 71974
 Ion Ratio Lower Upper
 62 100
 64 29.2 26.1 39.1

Manual Integrations
 APPROVED

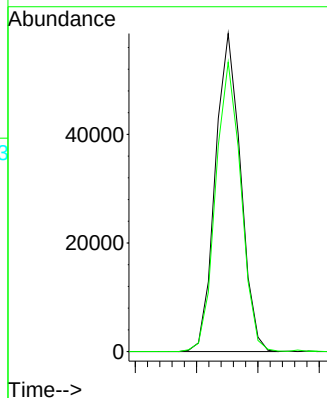
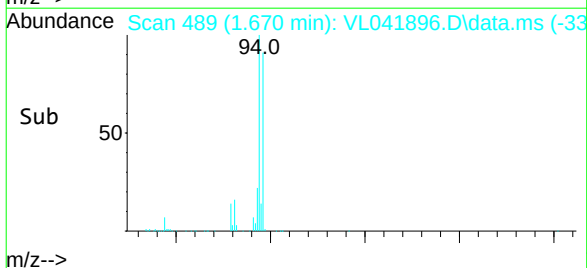
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

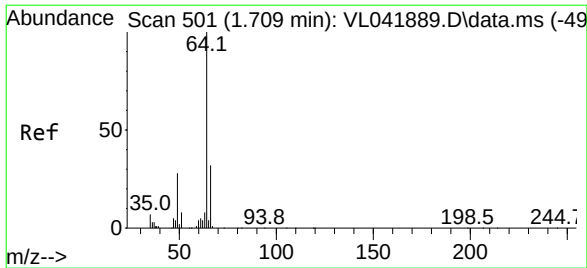


#6
 Bromomethane
 Concen: 9.589 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041896.D
 Acq: 14 Jan 2025 17:33



Tgt Ion: 94 Resp: 33594
 Ion Ratio Lower Upper
 94 100
 96 91.0 69.5 104.3





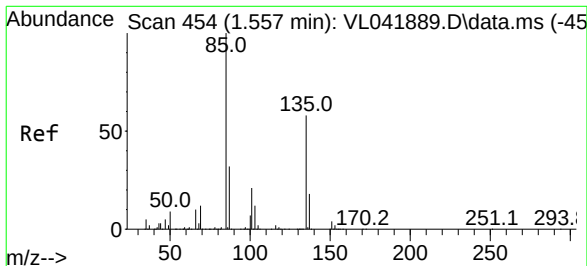
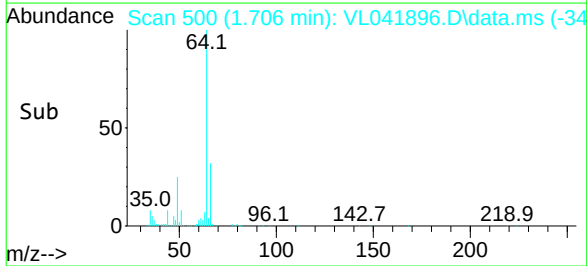
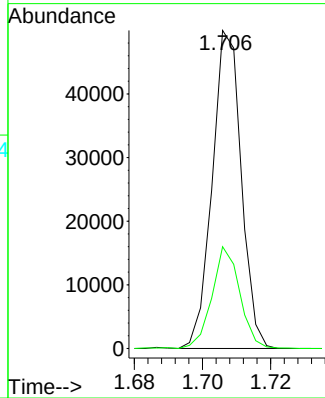
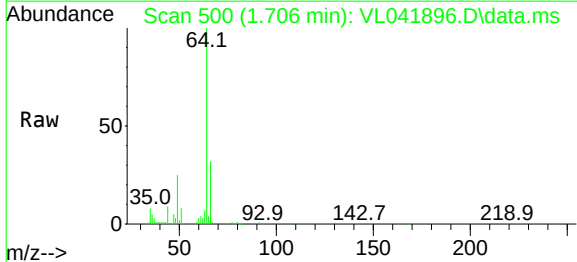
#7
Chloroethane
Concen: 10.333 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument : MSVOA_L
ClientSampleId : ICVVL011425

Tgt Ion: 64 Resp: 29553
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5

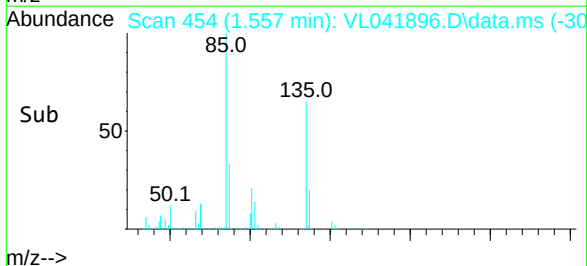
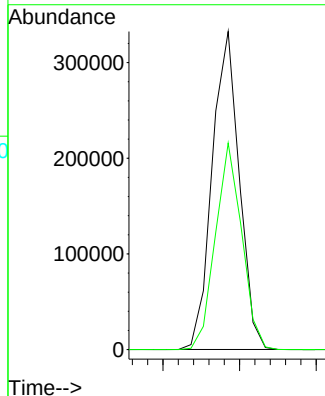
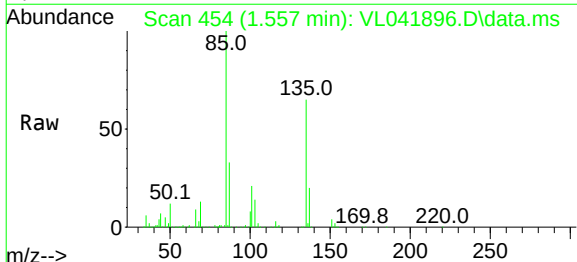
Manual Integrations
APPROVED

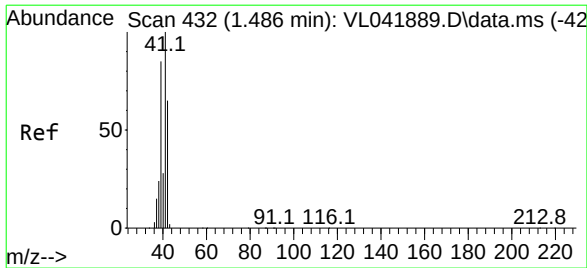
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#8
Dichlorotetrafluoroethane
Concen: 9.712 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

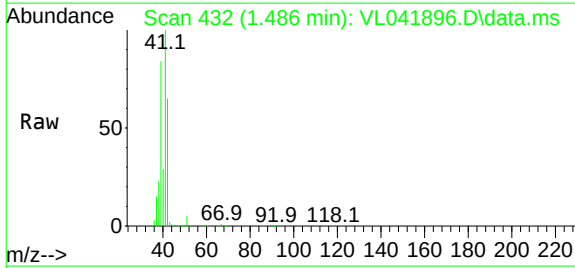
Tgt Ion: 85 Resp: 163783
Ion Ratio Lower Upper
85 100
135 63.0 50.0 75.0





#9
Propene
Concen: 9.886 ppbv
RT: 1.486 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

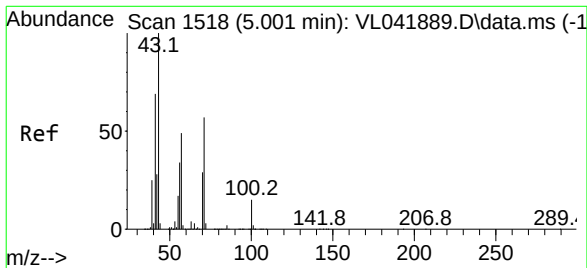
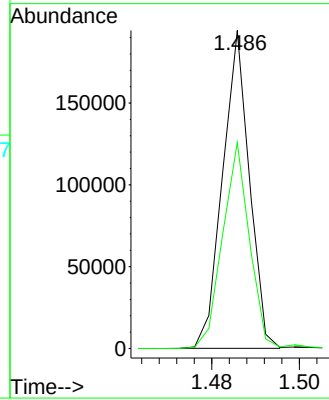
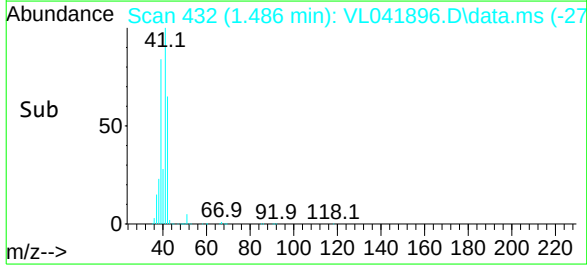
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425



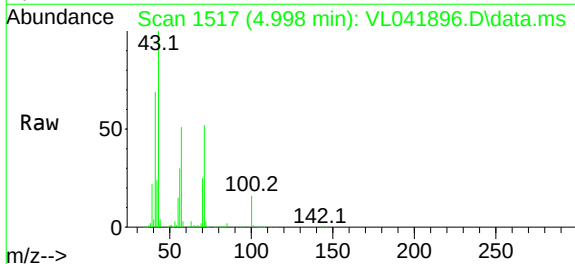
Tgt Ion: 41 Resp: 82320
Ion Ratio Lower Upper
41 100
42 65.9 52.0 78.0

Manual Integrations
APPROVED

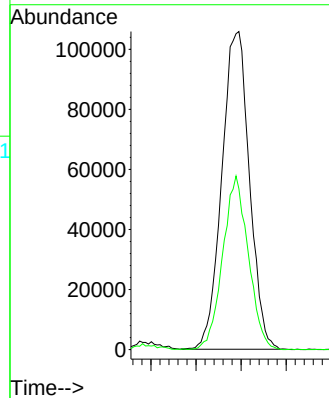
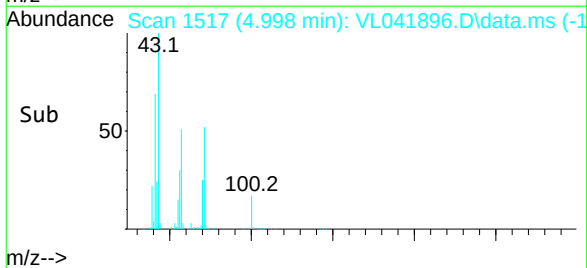
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

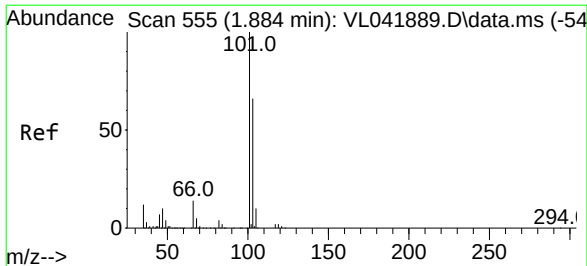


#10
Heptane
Concen: 10.119 ppbv
RT: 4.998 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33



Tgt Ion: 43 Resp: 225230
Ion Ratio Lower Upper
43 100
57 50.6 41.0 61.4





#11
Trichlorofluoromethane
Concen: 9.890 ppbv
RT: 1.881 min Scan# 555
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

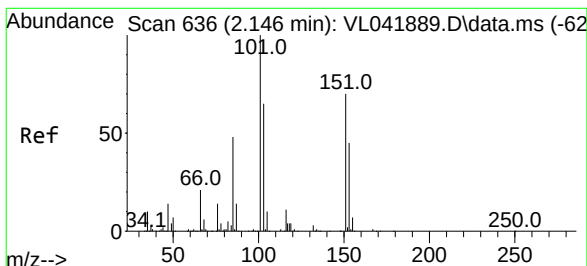
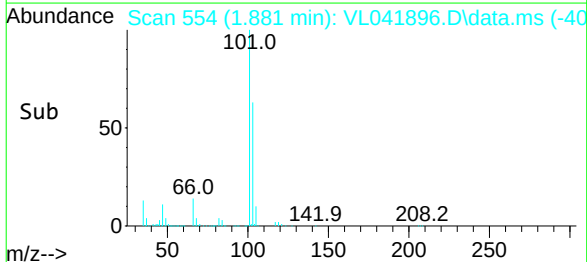
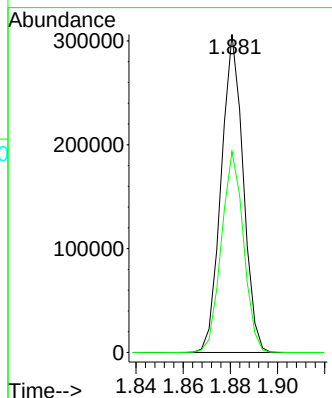
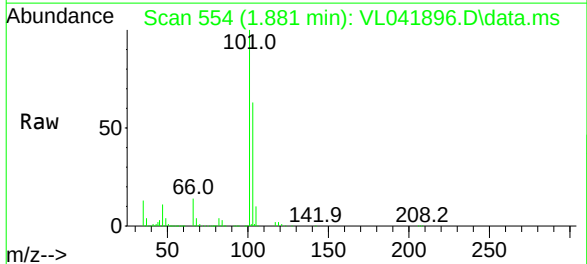
ClientSampleId :

ICVVL011425

Tgt Ion:101 Resp: 198523
Ion Ratio Lower Upper
101 100
103 63.2 53.1 79.7

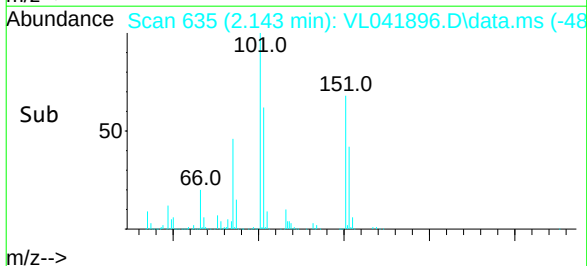
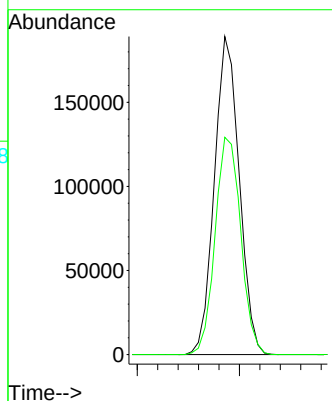
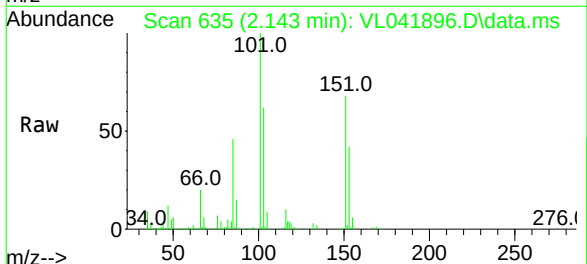
Manual Integrations
APPROVED

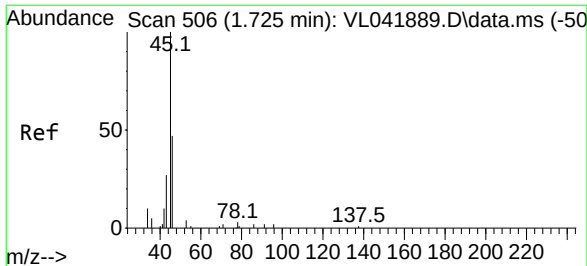
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.162 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

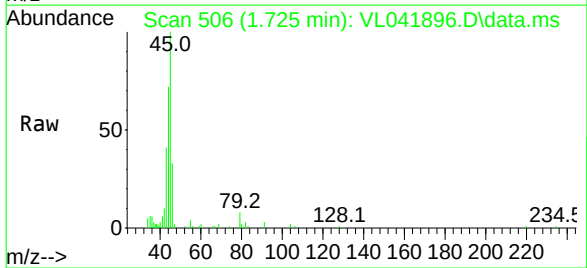
Tgt Ion:101 Resp: 159862
Ion Ratio Lower Upper
101 100
151 70.5 56.1 84.1





#13
Ethanol
Concen: 6.197 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

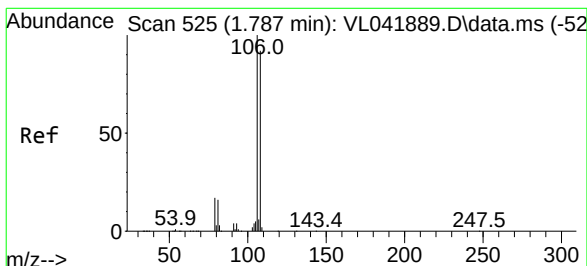
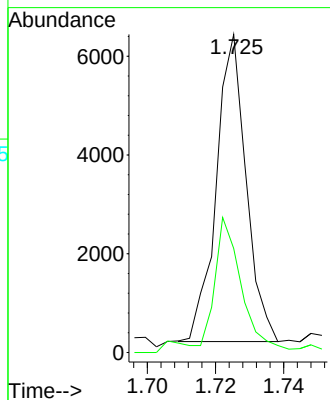
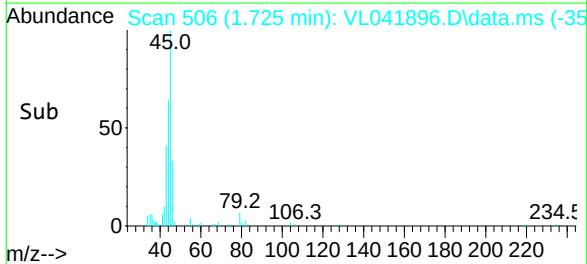
Instrument : MSVOA_L
ClientSampleId : ICVVL011425



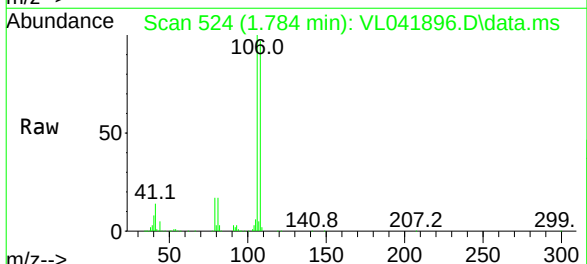
Tgt Ion: 45 Resp: 3780
Ion Ratio Lower Upper
45 100
46 47.3 18.1 72.5

Manual Integrations
APPROVED

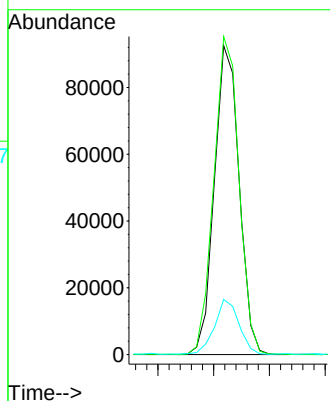
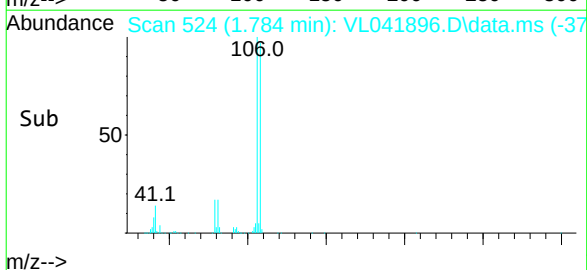
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

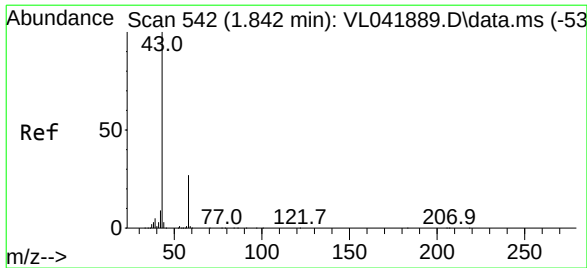


#14
Bromoethene
Concen: 9.941 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33



Tgt Ion:108 Resp: 57260
Ion Ratio Lower Upper
108 100
106 104.5 85.5 128.3
79 17.8 15.3 22.9





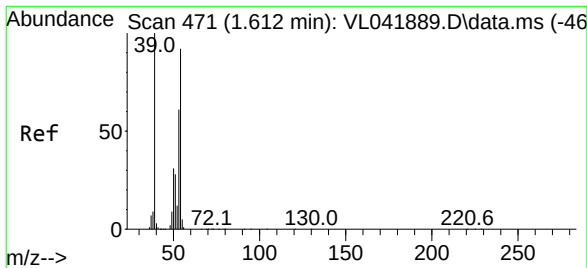
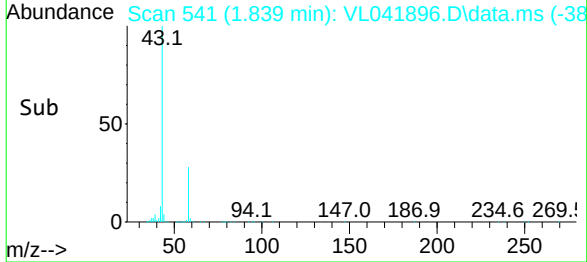
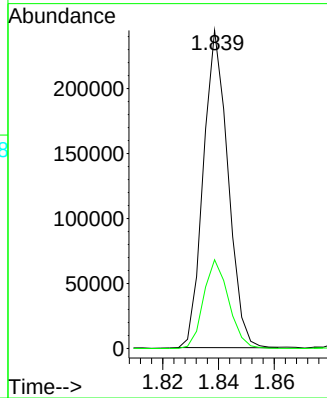
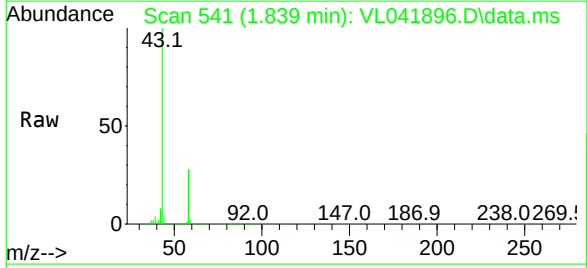
#15
Acetone
Concen: 8.822 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425

Tgt Ion: 43 Resp: 150112
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9

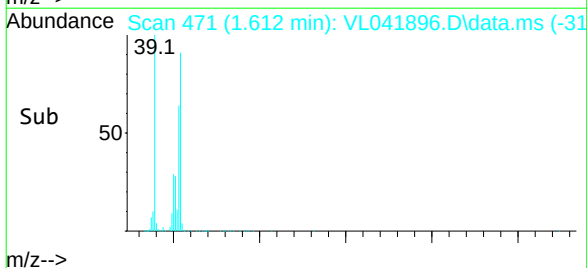
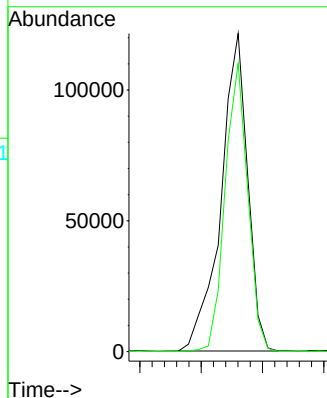
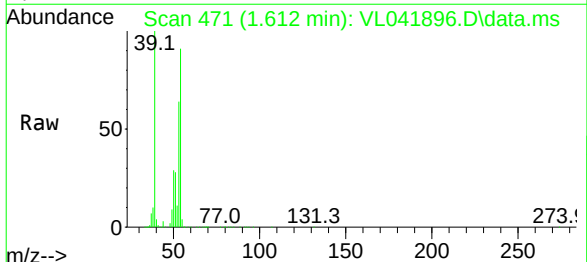
Manual Integrations
APPROVED

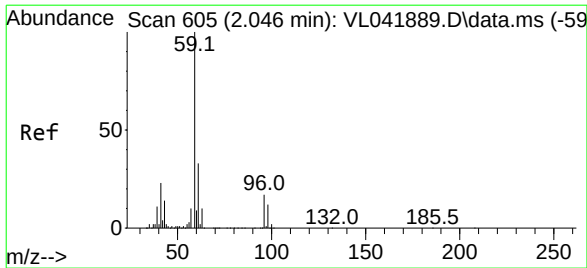
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#16
1,3-Butadiene
Concen: 9.643 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 39 Resp: 73640
Ion Ratio Lower Upper
39 100
54 77.0 61.6 92.4





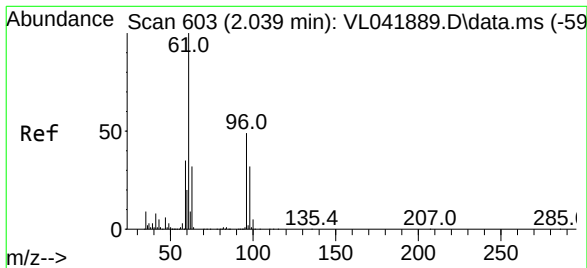
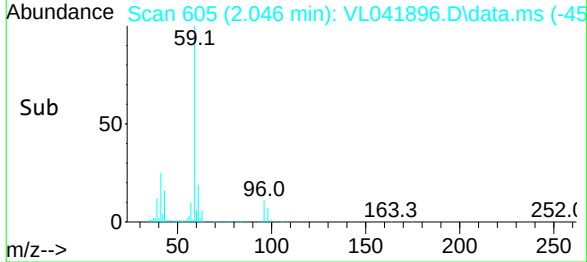
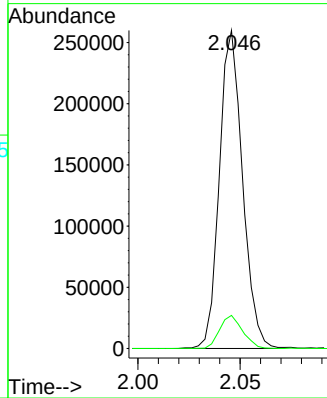
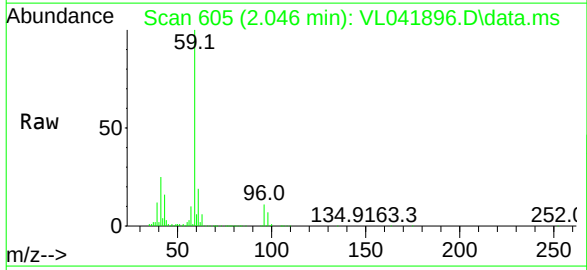
#17
tert-Butyl alcohol
Concen: 9.758 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425

Tgt Ion: 59 Resp: 204358
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

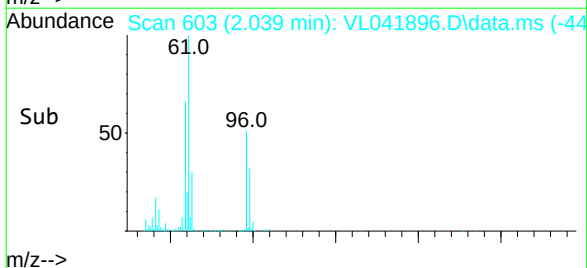
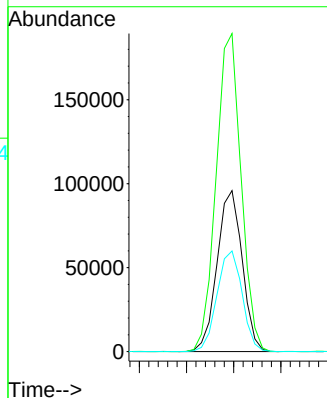
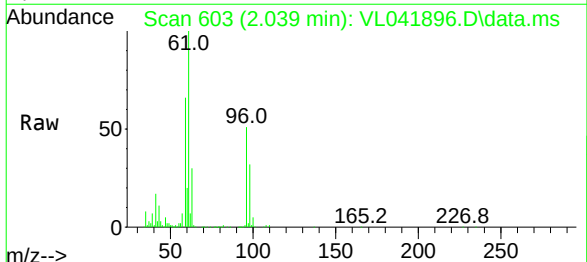
Manual Integrations
APPROVED

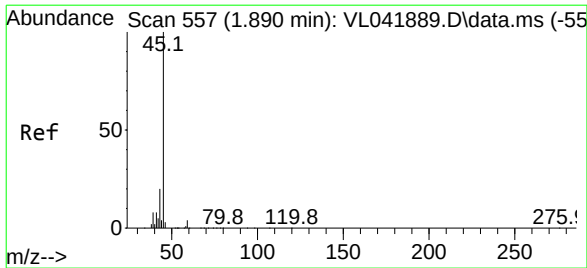
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#18
1,1-Dichloroethene
Concen: 10.015 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 96 Resp: 71011
Ion Ratio Lower Upper
96 100
61 197.6 163.1 244.7
98 62.5 52.7 79.1





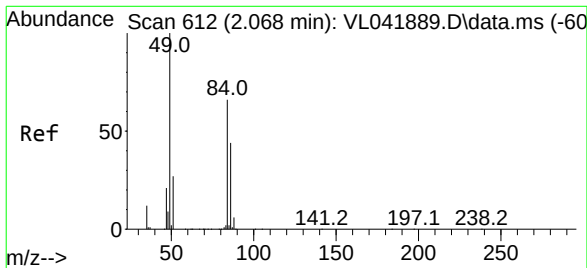
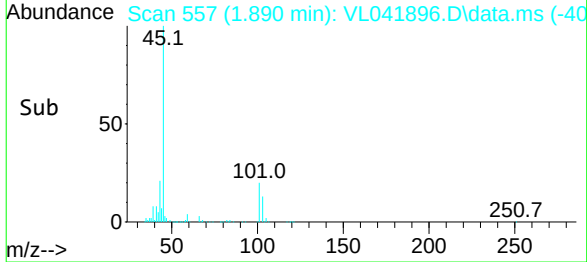
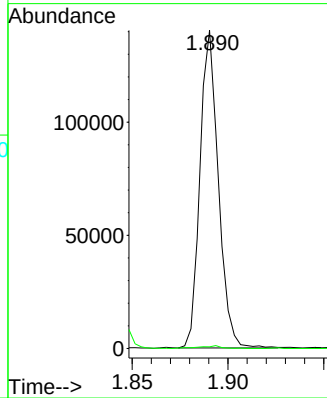
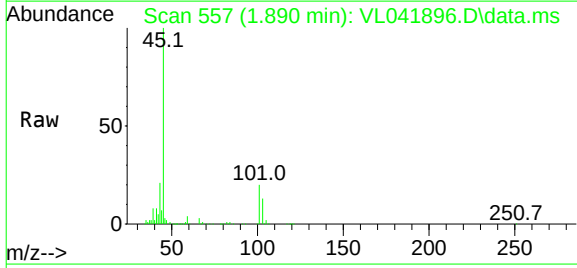
#19
Isopropyl Alcohol
Concen: 9.277 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument : MSVOA_L
ClientSampleId : ICVVL011425

Tgt Ion: 45 Resp: 93592
Ion Ratio Lower Upper
45 100
58 45.7 35.0 52.6

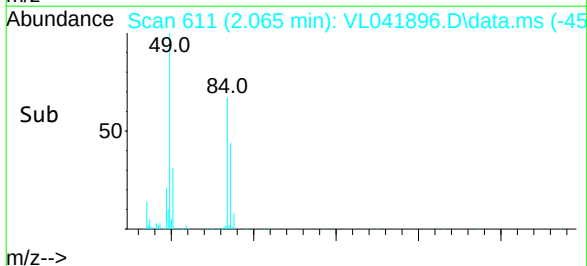
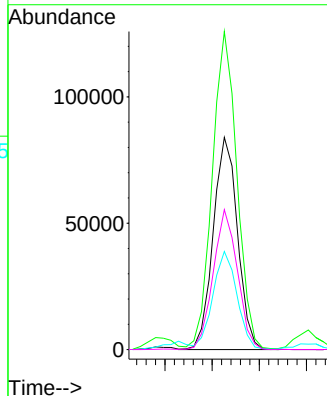
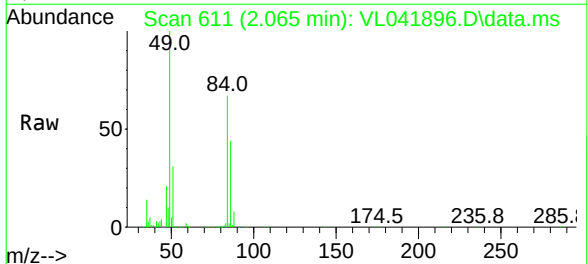
Manual Integrations
APPROVED

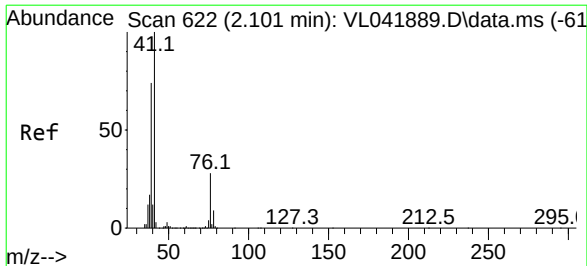
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#20
Methylene Chloride
Concen: 8.940 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 84 Resp: 60115
Ion Ratio Lower Upper
84 100
49 149.4 123.1 184.7
51 45.9 35.8 53.8
86 65.8 53.7 80.5





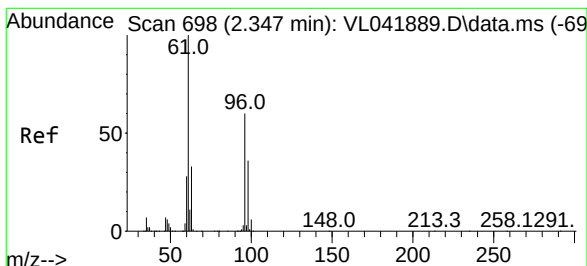
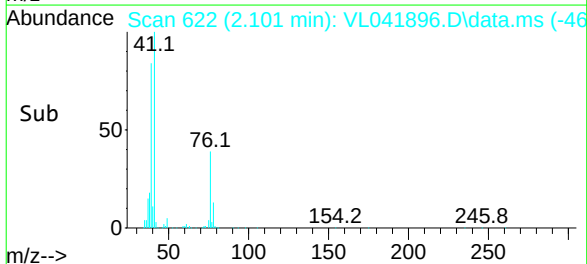
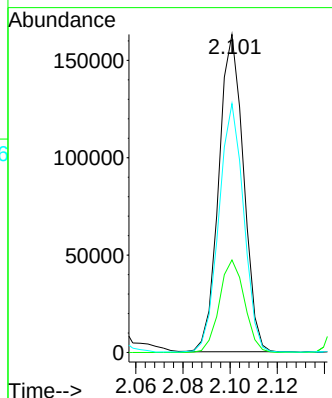
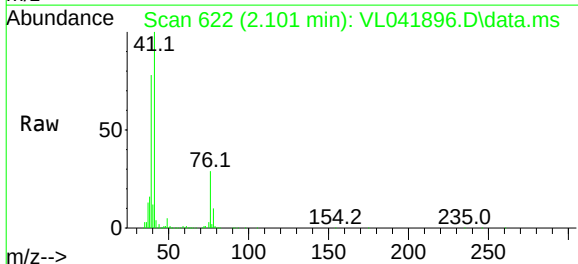
#21
Allyl Chloride
Concen: 10.092 ppbv
RT: 2.101 min Scan# 621
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425

Tgt Ion: 41 Resp: 118907
Ion Ratio Lower Upper
41 100
76 29.5 24.2 36.4
39 78.5 60.6 91.0

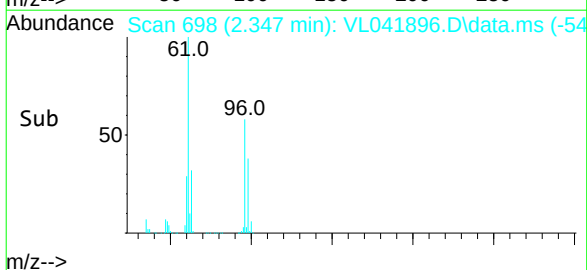
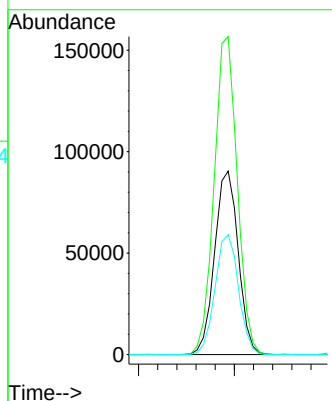
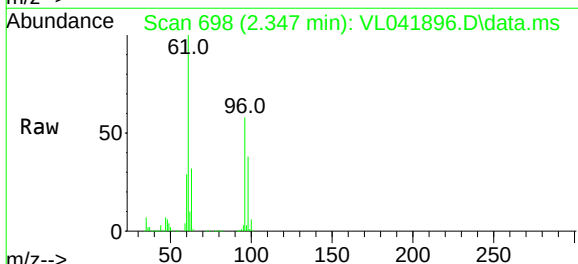
Manual Integrations
APPROVED

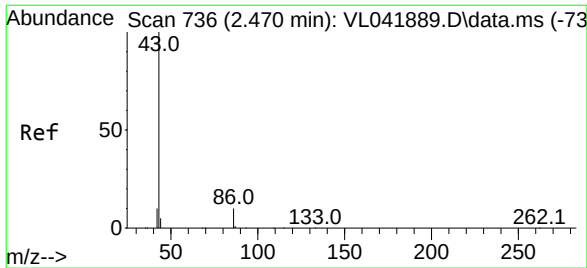
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#22
trans-1,2-Dichloroethene
Concen: 9.669 ppbv
RT: 2.347 min Scan# 698
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 96 Resp: 77379
Ion Ratio Lower Upper
96 100
61 173.3 134.5 201.7
98 65.4 48.9 73.3





#23
 Vinyl Acetate
 Concen: 9.536 ppbv
 RT: 2.470 min Scan# 736
 Delta R.T. 0.000 min
 Lab File: VL041896.D
 Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

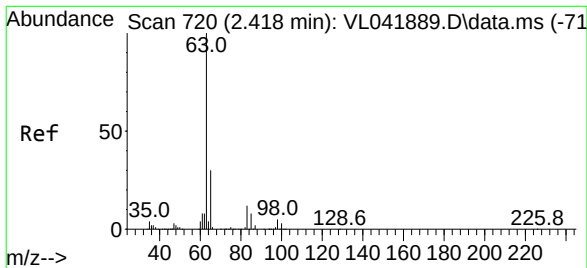
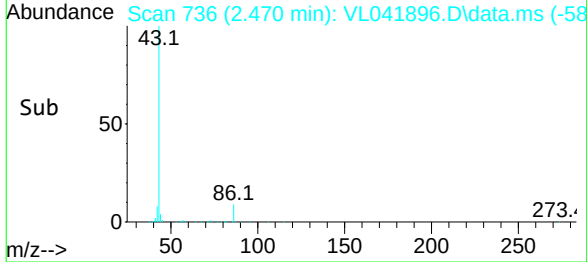
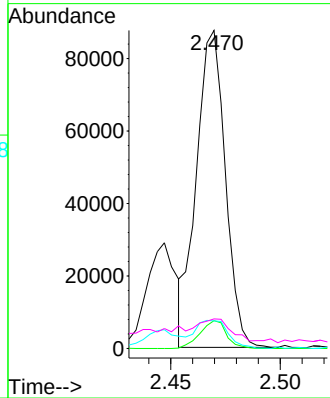
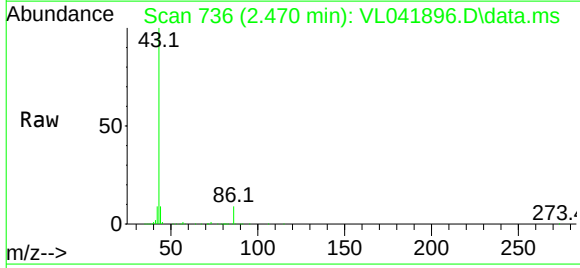
ICVVL011425

Tgt Ion:	43	Resp:	80428
Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.2	9.4
42	7.9	8.5	12.7#
44	7.5	4.8	7.2#

Manual Integrations

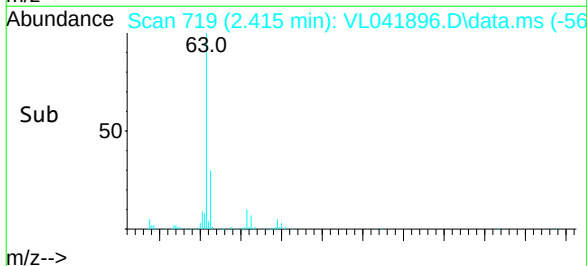
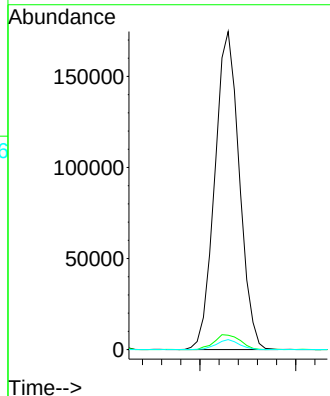
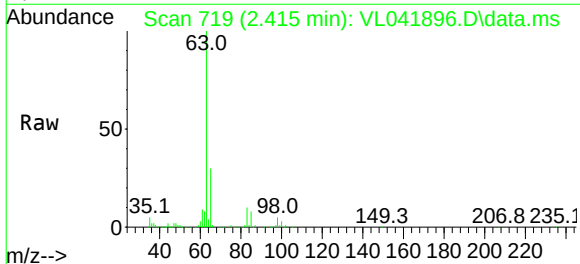
APPROVED

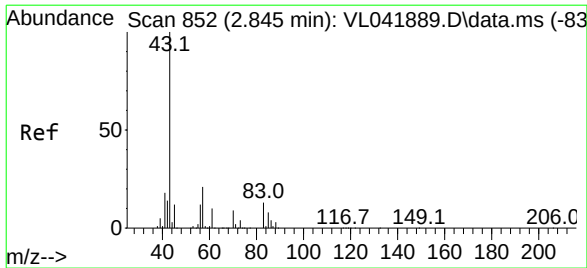
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#24
 1,1-Dichloroethane
 Concen: 10.042 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041896.D
 Acq: 14 Jan 2025 17:33

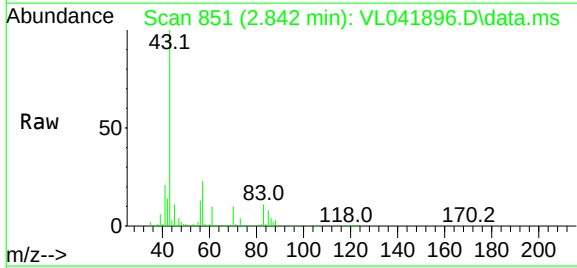
Tgt Ion:	63	Resp:	155440
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.6	7.8
100	3.1	1.4	4.2





#25
Ethyl Acetate
Concen: 9.993 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

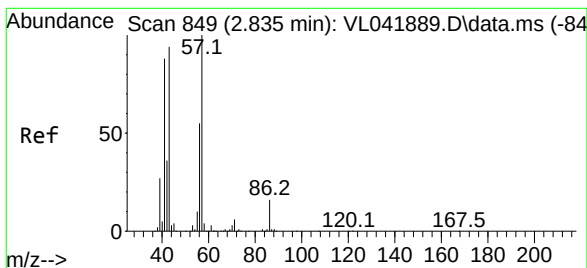
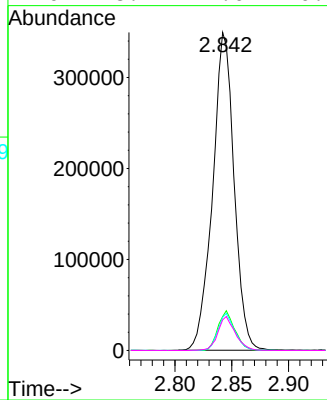
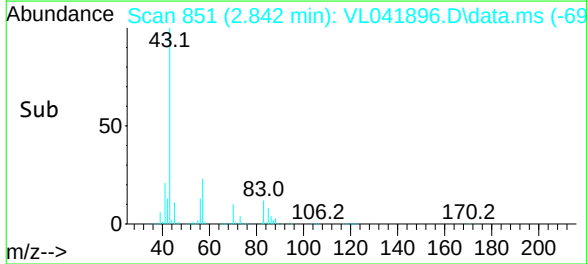
Instrument : MSVOA_L
ClientSampleId : ICVVL011425



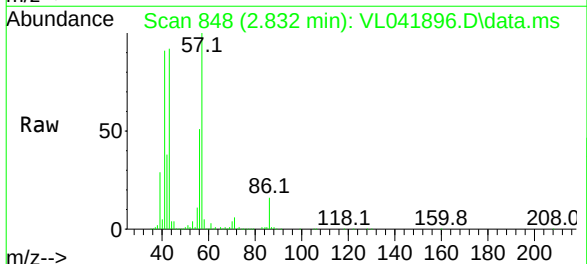
Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.2	12.2
61	9.3	7.4	11.0
70	8.7	7.0	10.4

Manual Integrations
APPROVED

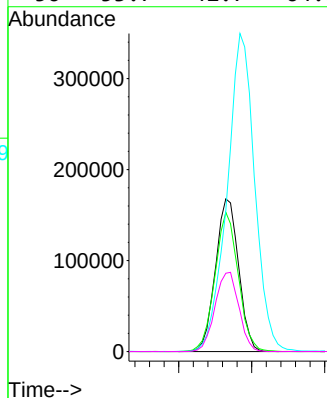
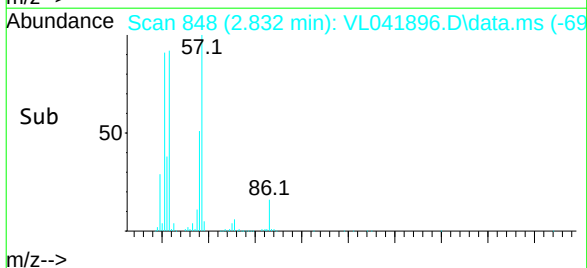
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

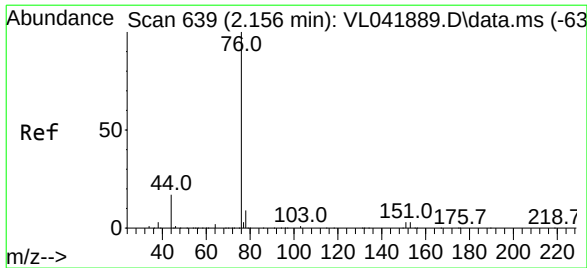


#26
Hexane
Concen: 10.164 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33



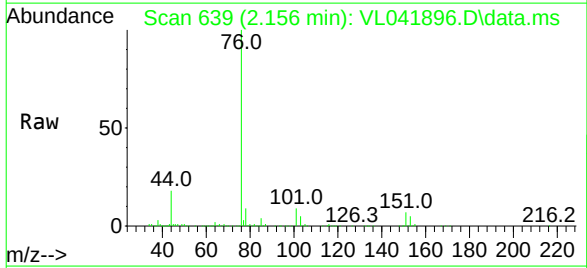
Tgt Ion	Ratio	Lower	Upper
57	100		
41	92.4	73.8	110.8
43	249.6	197.3	295.9
56	53.7	42.7	64.1





#27
Carbon Disulfide
Concen: 10.395 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

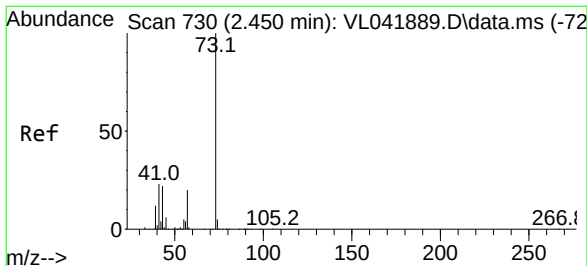
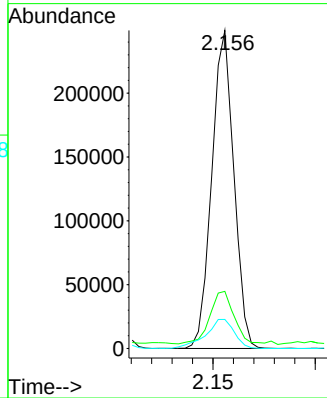
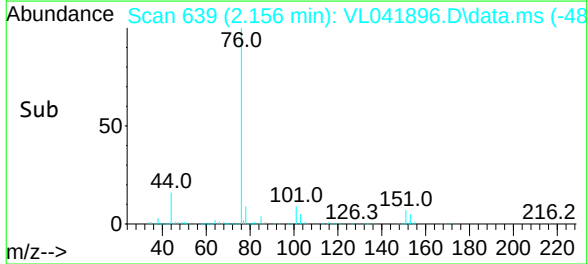
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425



Tgt Ion: 76 Resp: 186668
Ion Ratio Lower Upper
76 100
44 18.0 15.4 23.0
78 11.9 9.3 13.9

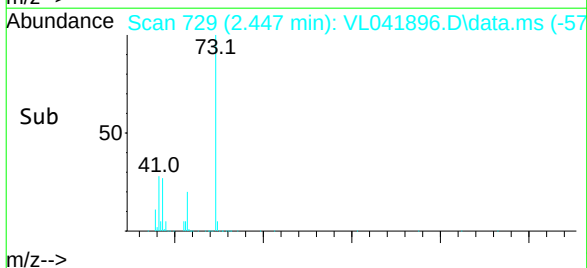
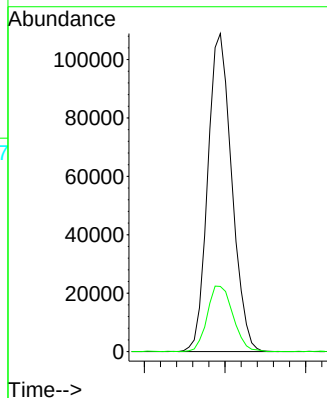
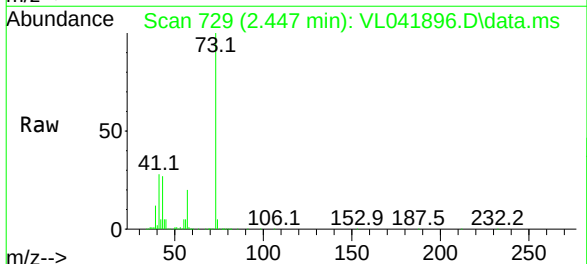
Manual Integrations
APPROVED

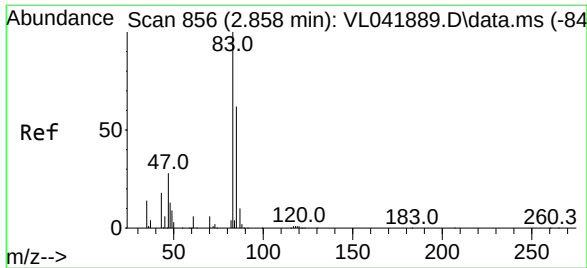
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#28
Methyl tert-Butyl Ether
Concen: 8.110 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 73 Resp: 112489
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1





#29

Chloroform

Concen: 9.847 ppbv

RT: 2.855 min Scan# 85

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011425

Tgt Ion: 83 Resp: 282467

Ion Ratio Lower Upper

83 100

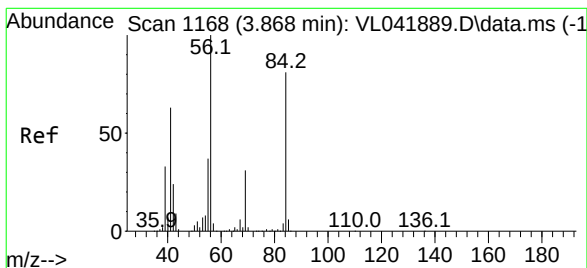
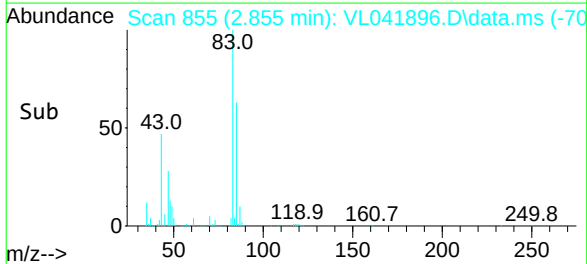
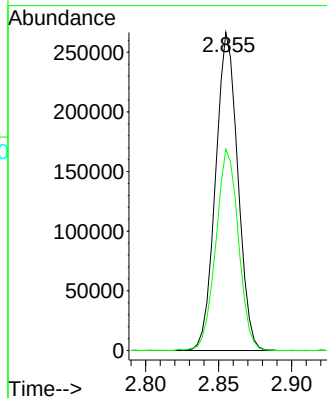
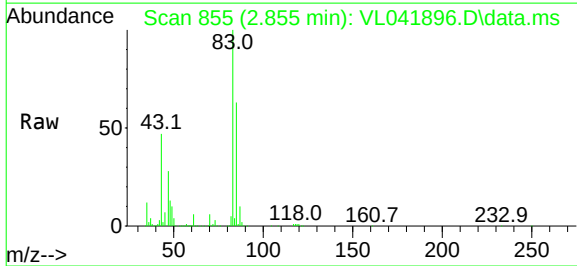
85 63.3 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#30

Cyclohexane

Concen: 10.120 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

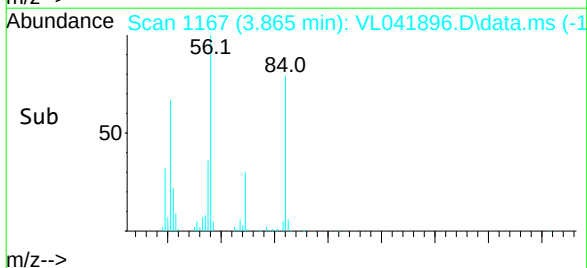
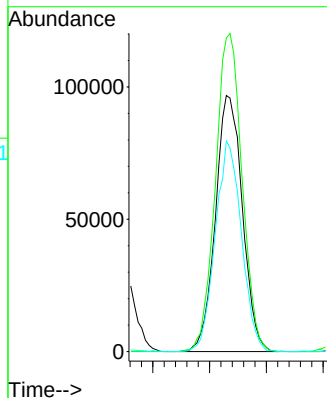
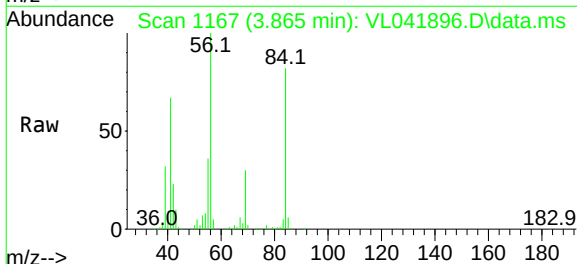
Tgt Ion: 84 Resp: 159296

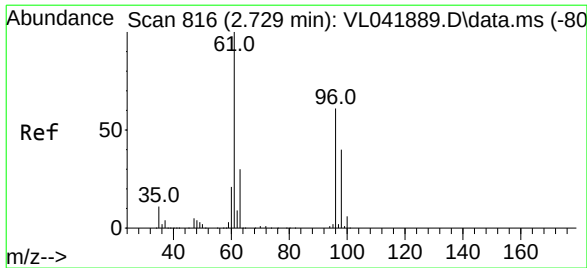
Ion Ratio Lower Upper

84 100

56 123.1 99.3 148.9

41 79.9 64.3 96.5





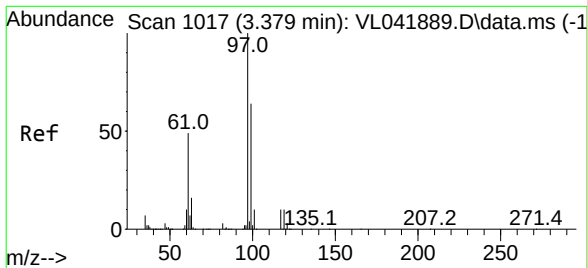
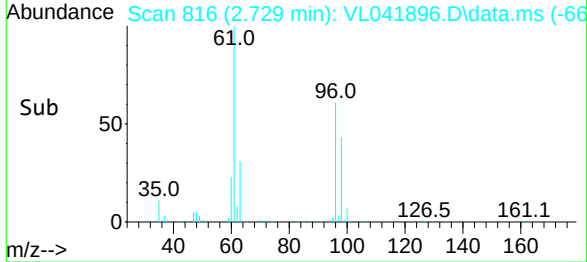
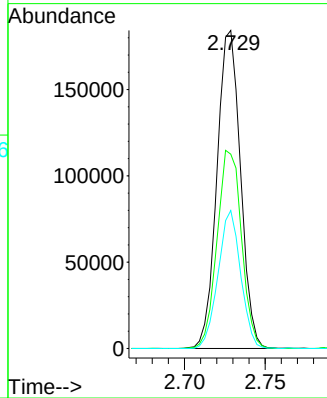
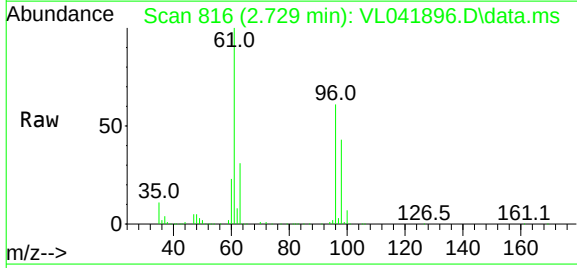
#31
cis-1,2-Dichloroethene
Concen: 9.787 ppbv
RT: 2.729 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425

Tgt Ion: 61 Resp: 187012
Ion Ratio Lower Upper
61 100
96 61.1 48.7 73.1
98 43.4 31.6 47.4

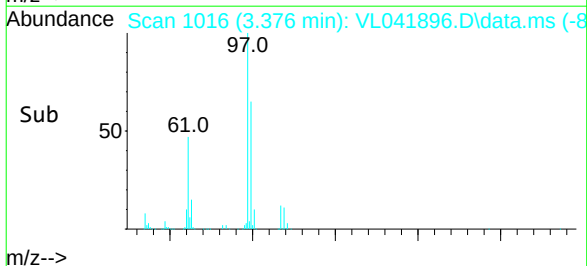
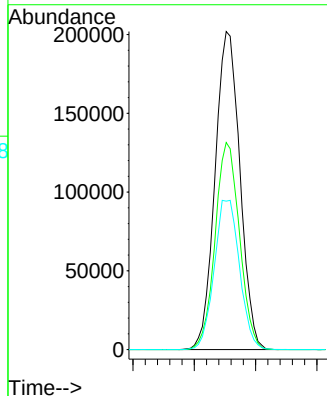
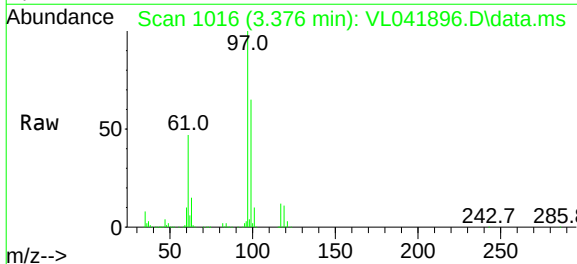
Manual Integrations
APPROVED

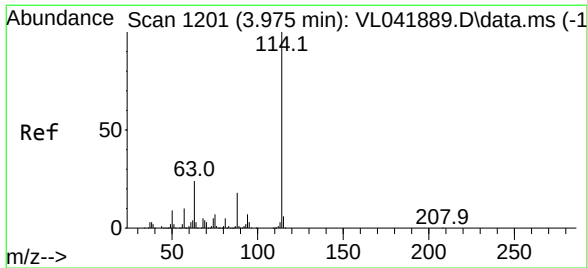
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#32
1,1,1-Trichloroethane
Concen: 10.371 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 97 Resp: 284661
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 48.0 39.0 58.6





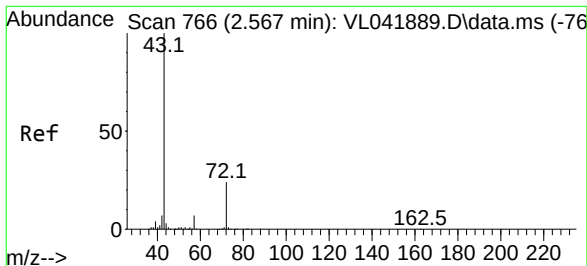
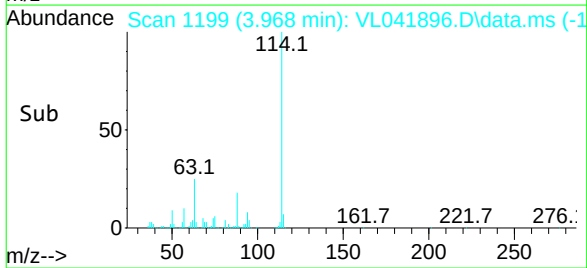
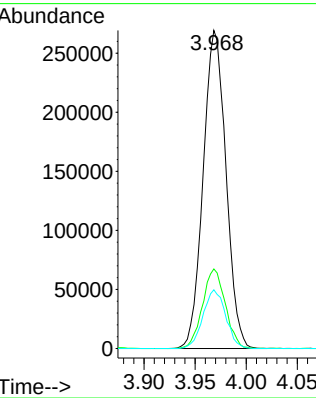
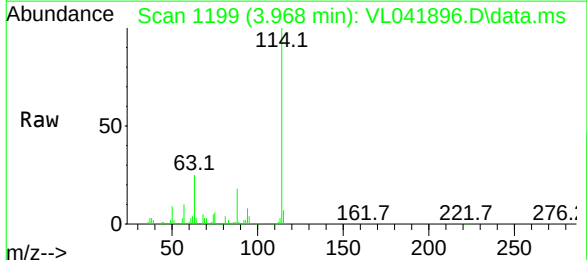
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument : MSVOA_L
ClientSampleId : ICVVL011425

Tgt Ion: 114 Resp: 417936
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 18.4 14.4 21.6

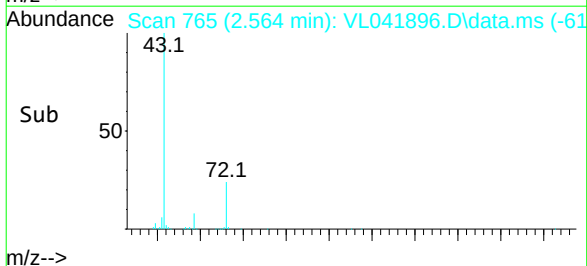
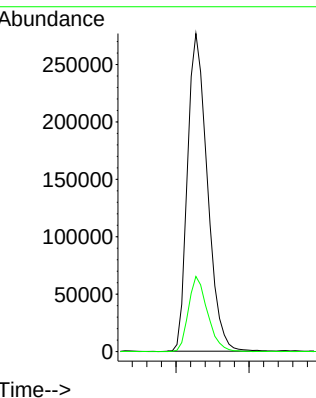
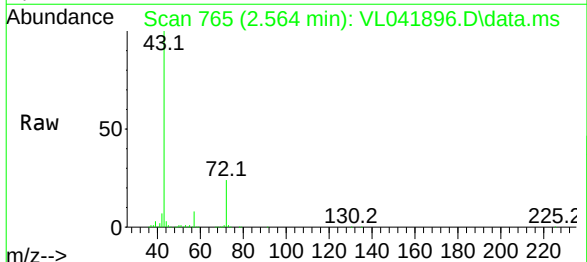
Manual Integrations
APPROVED

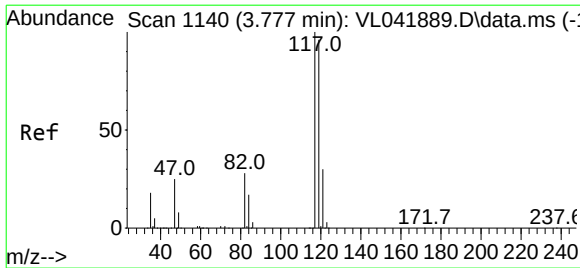
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#34
2-Butanone
Concen: 9.840 ppbv
RT: 2.564 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

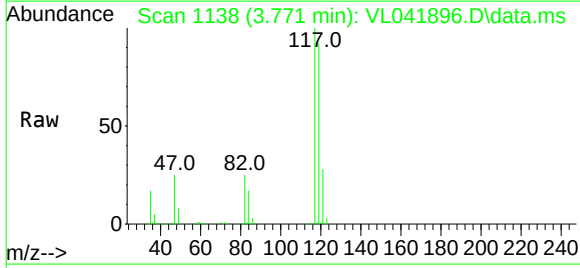
Tgt Ion: 43 Resp: 261536
Ion Ratio Lower Upper
43 100
72 22.8 18.6 28.0





#35
Carbon Tetrachloride
Concen: 10.871 ppbv
RT: 3.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

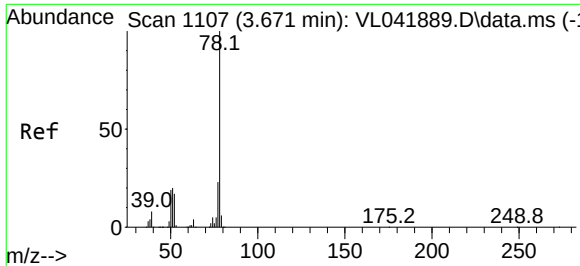
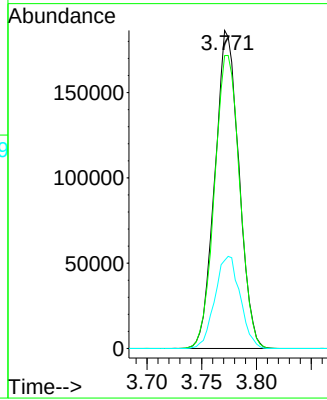
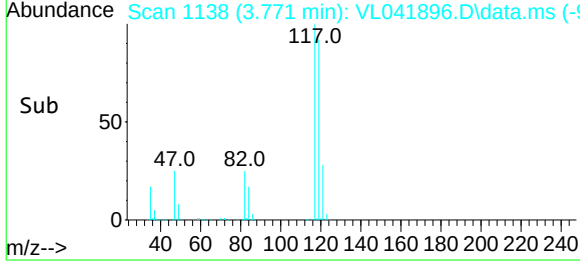
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425



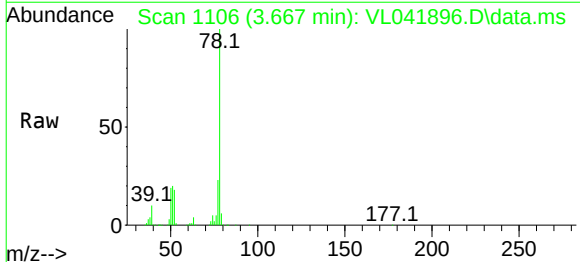
Tgt Ion: 117 Resp: 285391
Ion Ratio Lower Upper
117 100
119 92.1 76.9 115.3
121 27.7 23.8 35.6

Manual Integrations
APPROVED

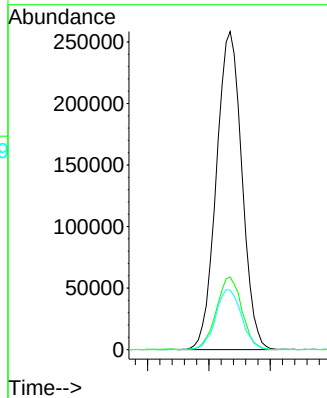
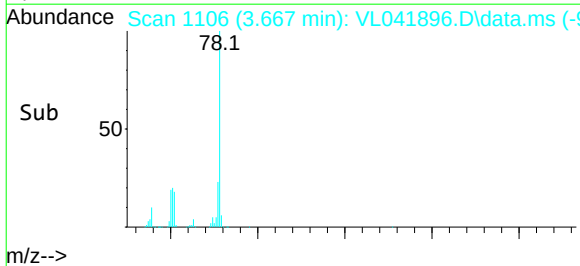
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

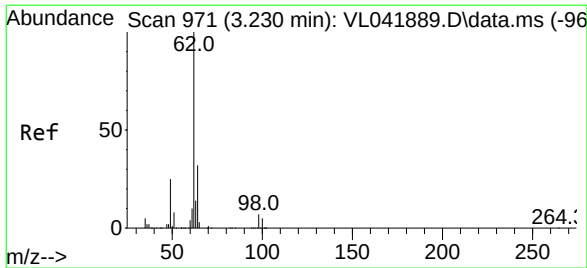


#36
Benzene
Concen: 9.764 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33



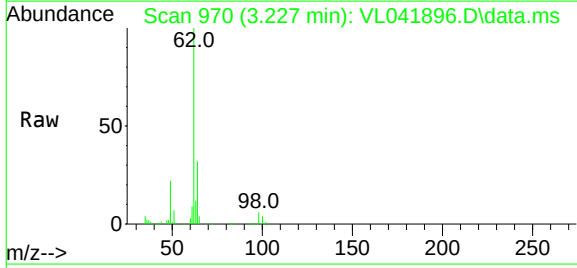
Tgt Ion: 78 Resp: 374271
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 18.7 15.2 22.8





#37
1,2-Dichloroethane
Concen: 9.966 ppbv
RT: 3.227 min Scan# 971
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

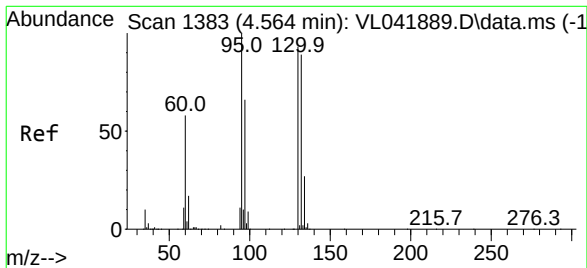
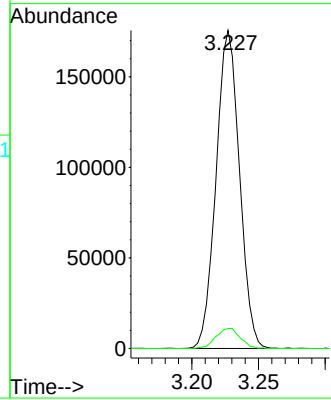
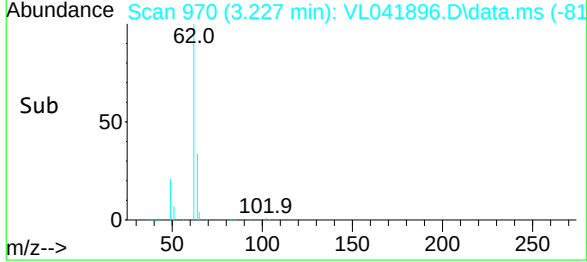
Instrument : MSVOA_L
ClientSampleId : ICVVL011425



Tgt Ion: 62 Resp: 214545
Ion Ratio Lower Upper
62 100
98 6.5 5.4 8.0

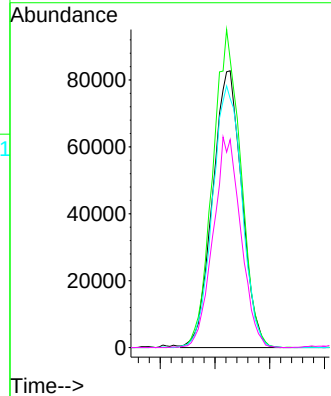
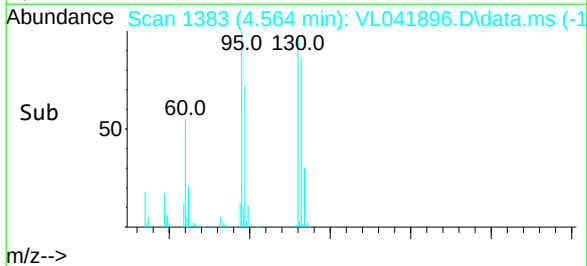
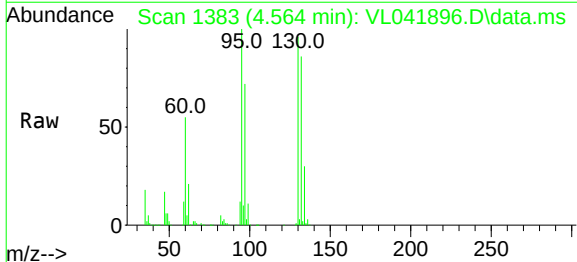
Manual Integrations
APPROVED

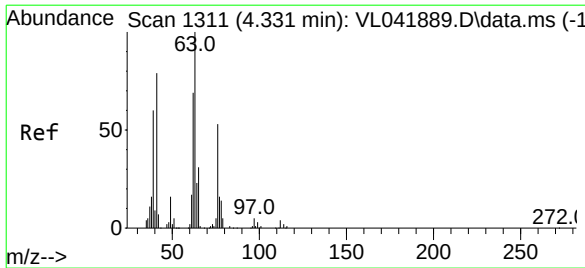
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Trichloroethene
Concen: 10.075 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion:130 Resp: 153255
Ion Ratio Lower Upper
130 100
95 103.9 85.8 128.8
132 89.8 76.5 114.7
97 75.0 56.8 85.2





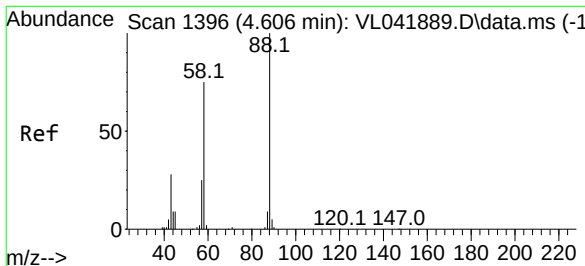
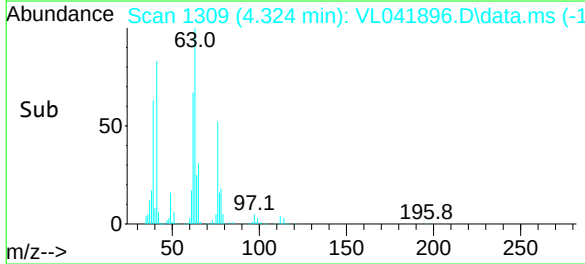
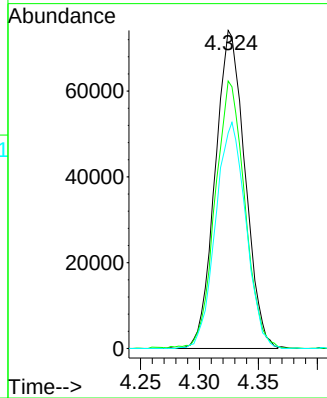
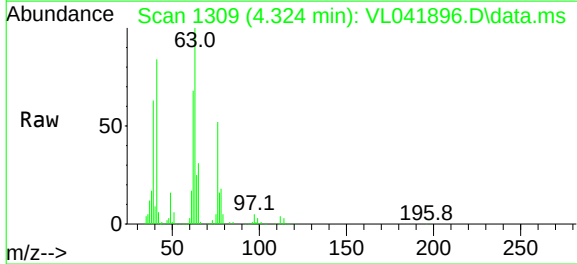
#39
1,2-Dichloropropane
Concen: 9.704 ppbv
RT: 4.324 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument : MSVOA_L
ClientSampleId : ICVVL011425

Tgt Ion: 63 Resp: 130483
Ion Ratio Lower Upper
63 100
41 83.4 63.7 95.5
62 67.5 55.4 83.2

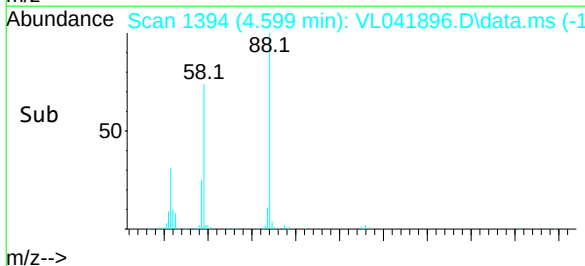
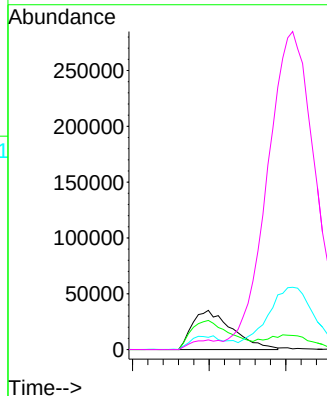
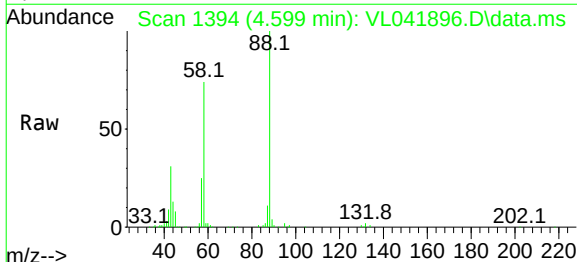
Manual Integrations
APPROVED

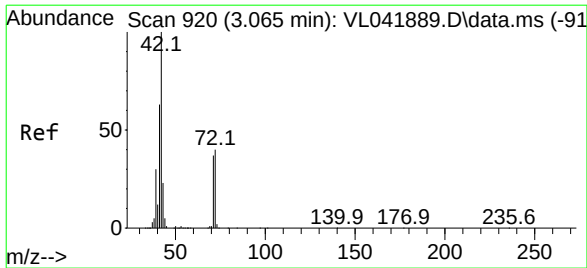
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#40
1,4-Dioxane
Concen: 9.386 ppbv
RT: 4.599 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 88 Resp: 63736
Ion Ratio Lower Upper
88 100
58 76.7 62.1 93.1
43 28.5 0.0 0.0#
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.255 ppbv

RT: 3.062 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011425

Tgt Ion: 42 Resp: 148132

Ion Ratio Lower Upper

42 100

72 39.5 32.3 48.5

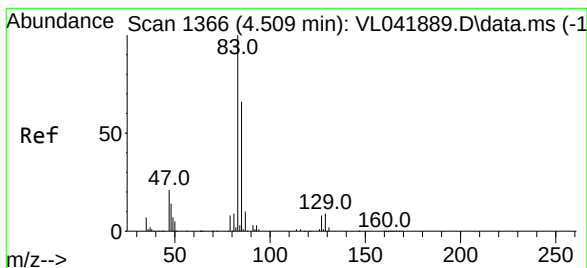
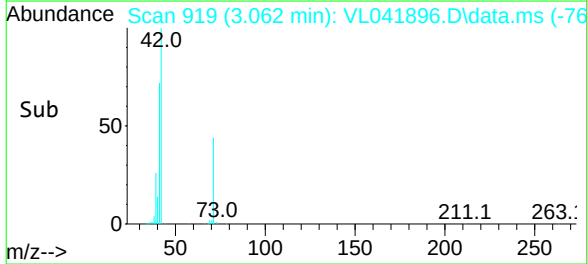
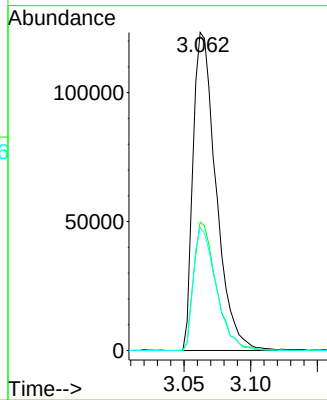
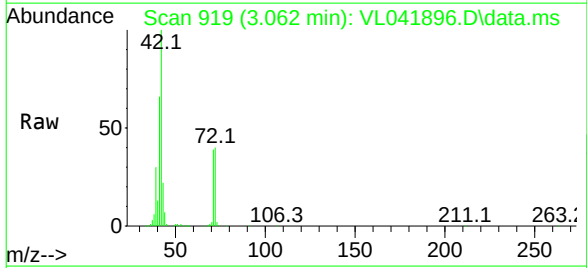
71 38.4 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#42

Bromodichloromethane

Concen: 10.381 ppbv

RT: 4.506 min Scan# 1365

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

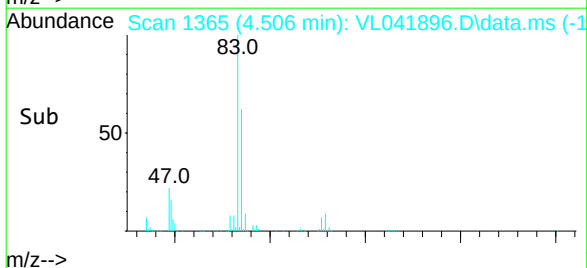
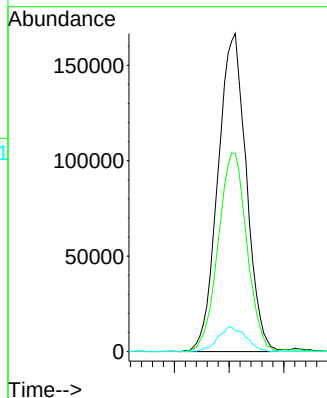
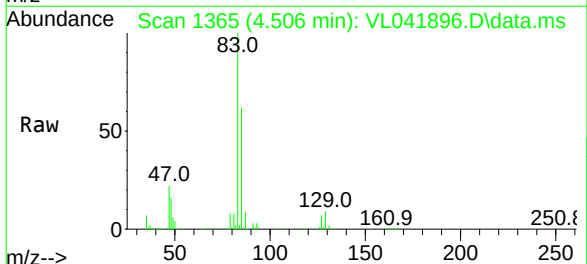
Tgt Ion: 83 Resp: 299656

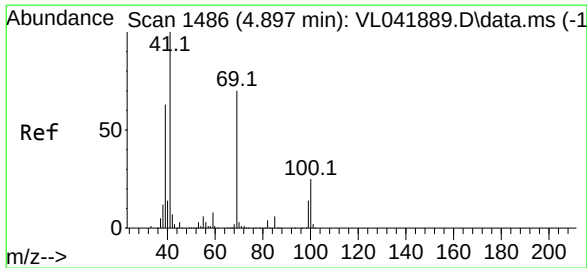
Ion Ratio Lower Upper

83 100

85 62.3 52.6 78.8

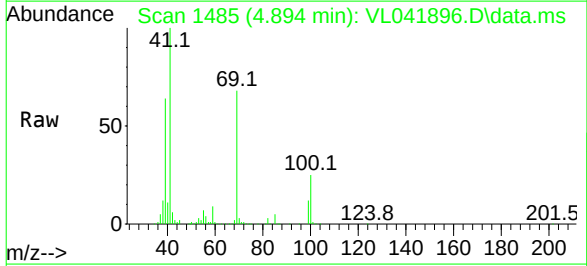
127 6.6 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.229 ppbv
RT: 4.894 min Scan# 1486
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

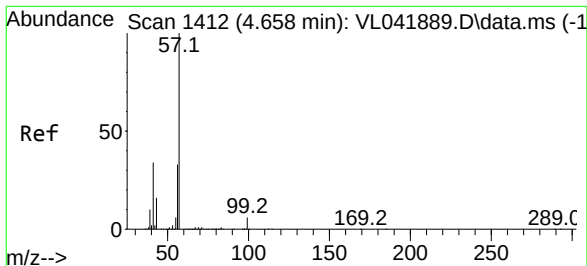
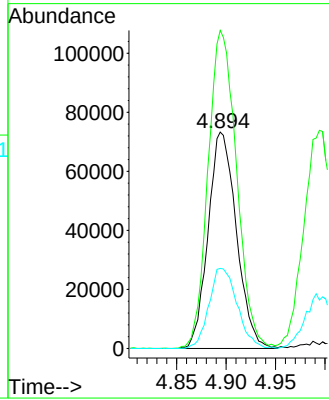
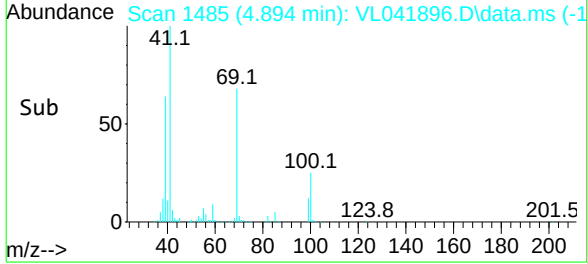
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425



Tgt Ion: 69 Resp: 145663
Ion Ratio Lower Upper
69 100
41 148.1 118.6 177.8
100 37.1 29.3 43.9

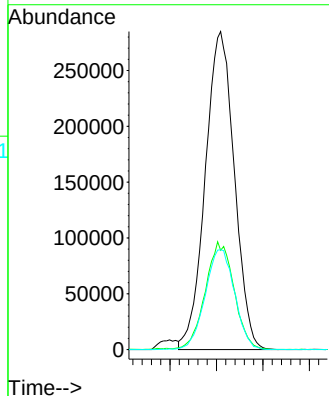
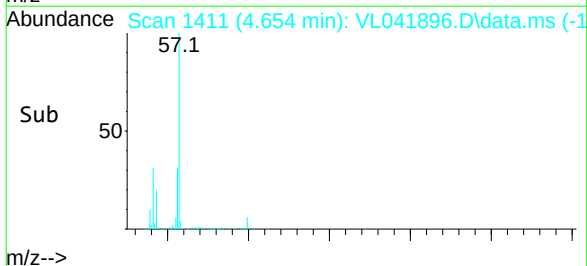
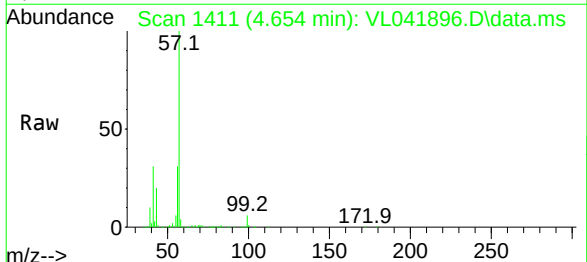
Manual Integrations
APPROVED

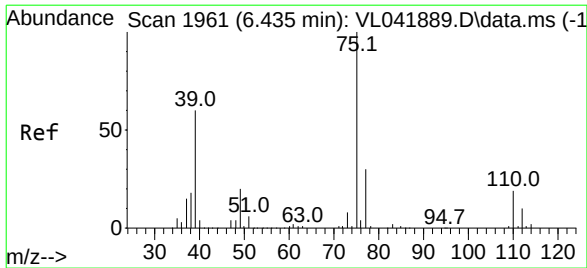
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#44
2,2,4-Trimethylpentane
Concen: 9.997 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 57 Resp: 619804
Ion Ratio Lower Upper
57 100
41 33.8 26.6 40.0
56 31.9 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 10.889 ppbv

RT: 6.428 min Scan# 19

Delta R.T. -0.006 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011425

Tgt Ion: 75 Resp: 145145

Ion Ratio Lower Upper

75 100

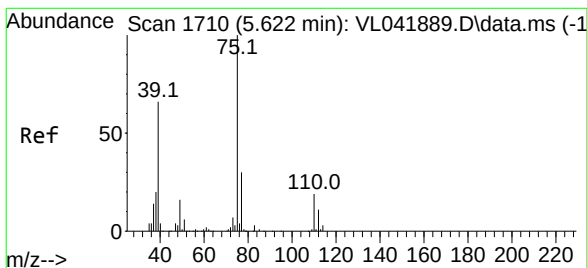
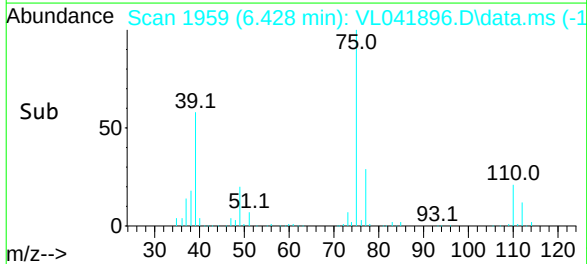
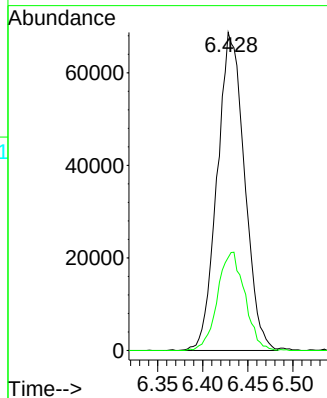
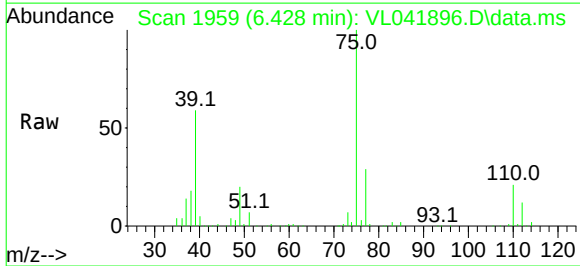
77 29.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#46

cis-1,3-Dichloropropene

Concen: 10.680 ppbv

RT: 5.616 min Scan# 1708

Delta R.T. -0.006 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

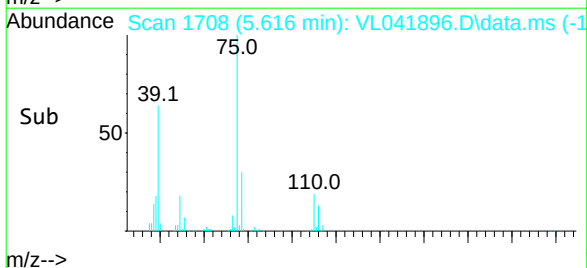
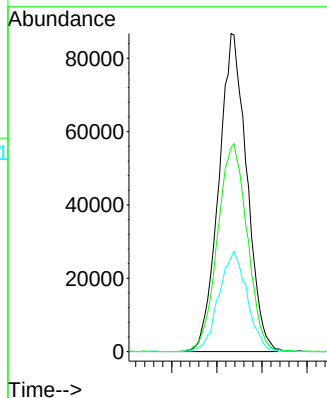
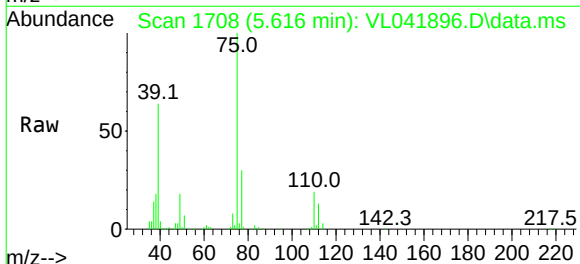
Tgt Ion: 75 Resp: 186898

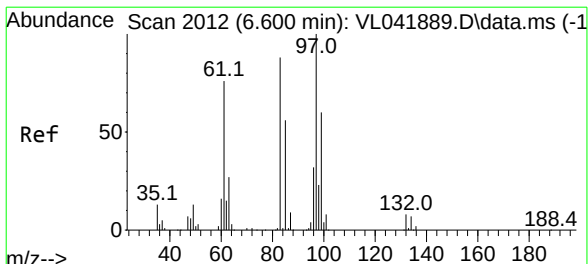
Ion Ratio Lower Upper

75 100

39 64.1 53.1 79.7

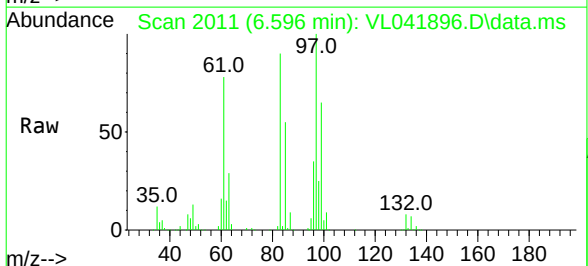
77 29.7 23.8 35.8





#47
 1,1,2-Trichloroethane
 Concen: 9.886 ppbv
 RT: 6.596 min Scan# 2012
 Delta R.T. -0.003 min
 Lab File: VL041896.D
 Acq: 14 Jan 2025 17:33

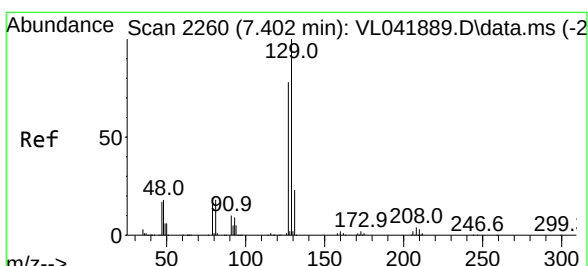
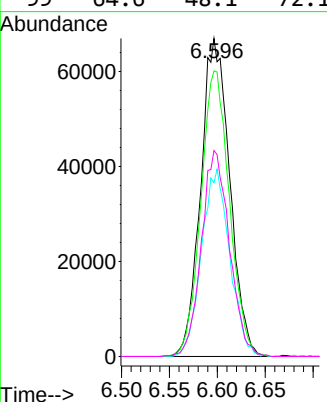
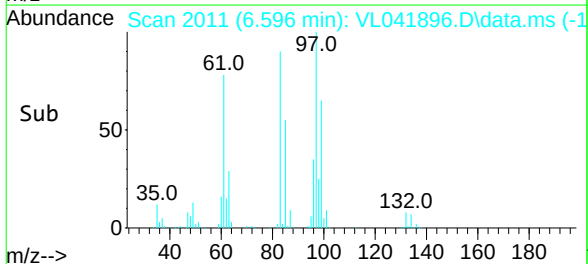
Instrument : MSVOA_L
 ClientSampleId : ICVVL011425



Tgt Ion:	97	Resp:	140891
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.4	105.6
85	54.6	45.0	67.4
99	64.6	48.1	72.1

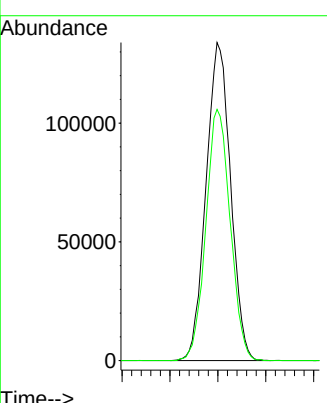
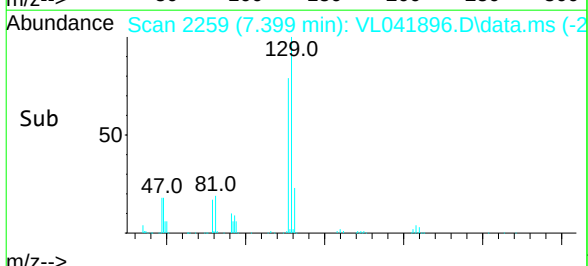
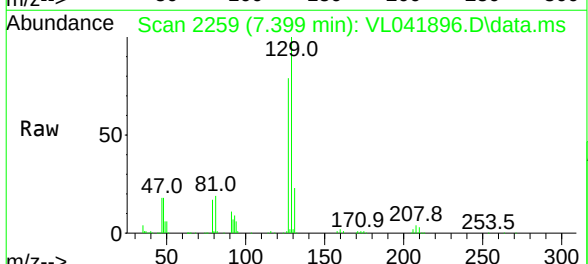
Manual Integrations
 APPROVED

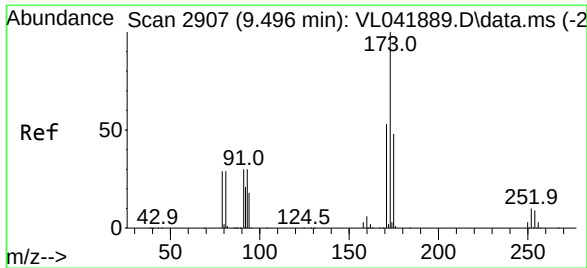
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#48
 Dibromochloromethane
 Concen: 10.835 ppbv
 RT: 7.399 min Scan# 2259
 Delta R.T. -0.003 min
 Lab File: VL041896.D
 Acq: 14 Jan 2025 17:33

Tgt Ion:	129	Resp:	238244
Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.3	117.8





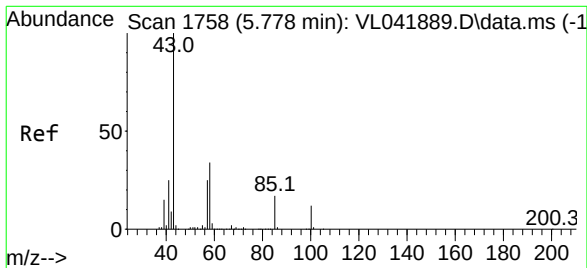
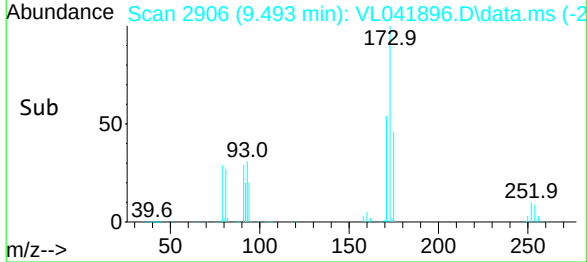
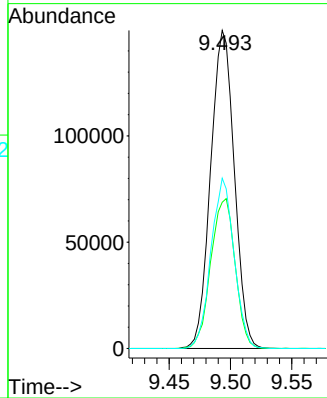
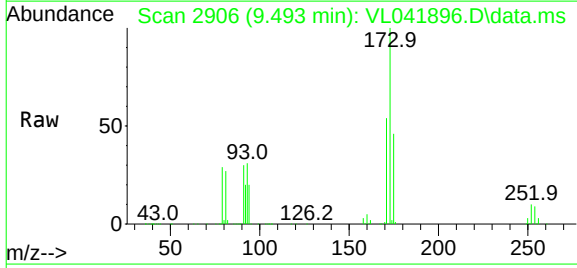
#49
Bromoform
Concen: 11.136 ppbv
RT: 9.493 min Scan# 2907
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument : MSVOA_L
ClientSampleId : ICVVL011425

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.4	57.6
171	52.2	41.4	62.2

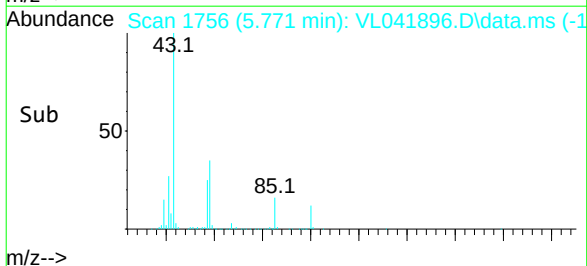
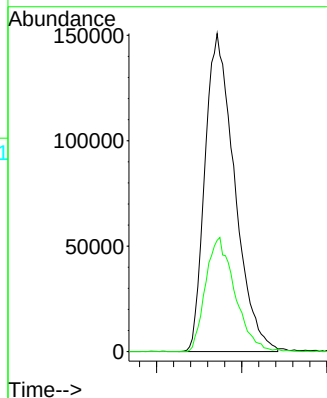
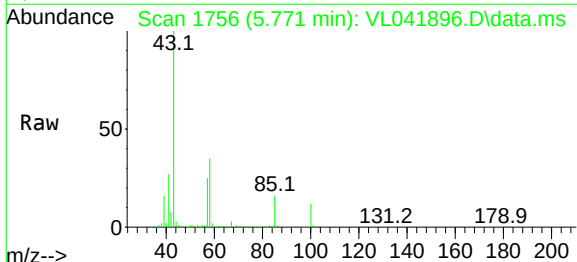
Manual Integrations
APPROVED

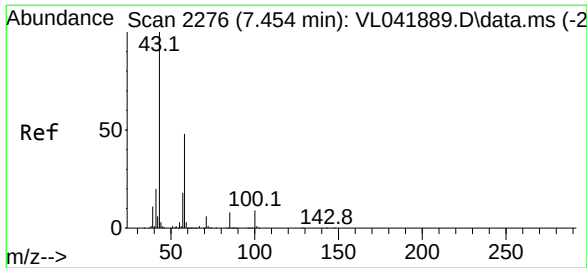
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#50
4-Methyl-2-Pentanone
Concen: 10.023 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.6	29.0	43.6





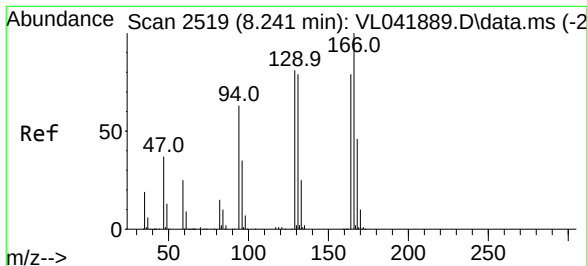
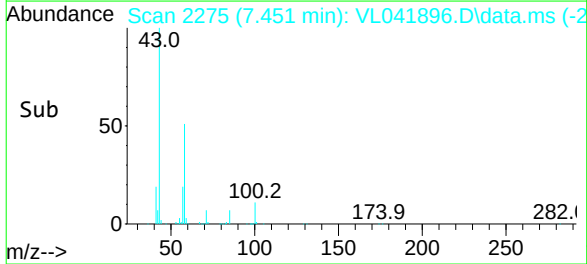
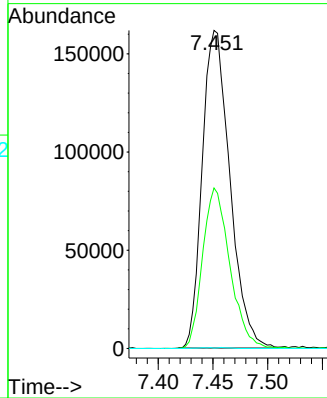
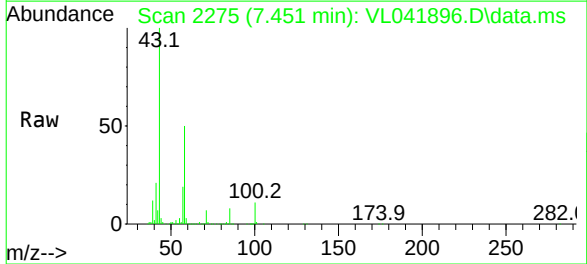
#51
2-Hexanone
Concen: 10.189 ppbv
RT: 7.451 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument : MSVOA_L
ClientSampleId : ICVVL011425

Tgt Ion: 43 Resp: 284058
Ion Ratio Lower Upper
43 100
58 50.0 40.4 60.6
98 0.3 0.2 0.2

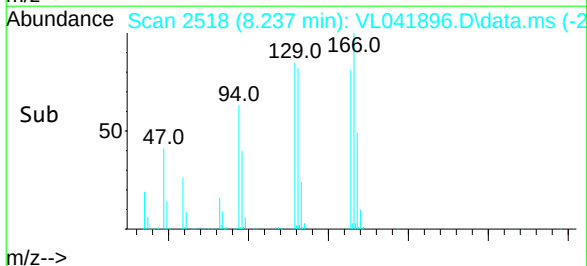
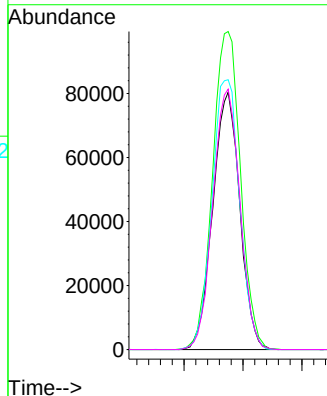
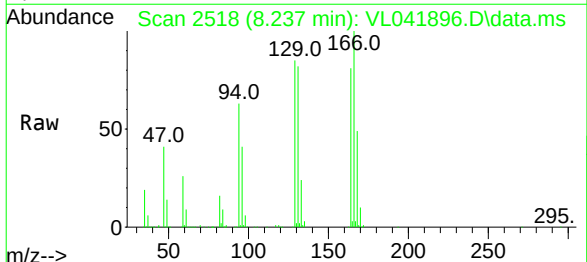
Manual Integrations
APPROVED

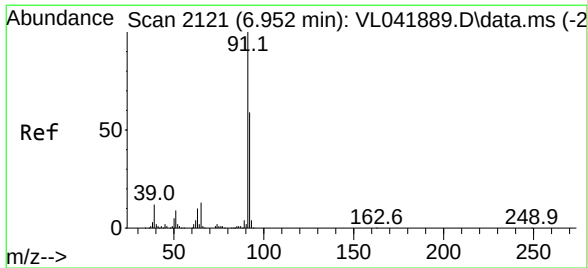
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#52
Tetrachloroethene
Concen: 9.616 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion:164 Resp: 127806
Ion Ratio Lower Upper
164 100
166 123.4 100.8 151.2
129 104.9 82.0 123.0
131 101.2 80.2 120.2





#53

Toluene

Concen: 10.227 ppbv

RT: 6.949 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011425

Tgt Ion: 91 Resp: 427033

Ion Ratio Lower Upper

91 100

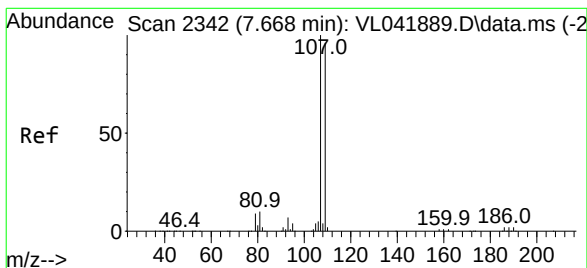
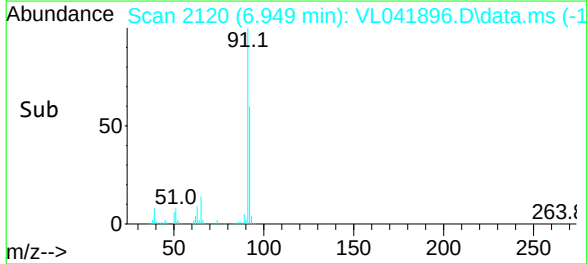
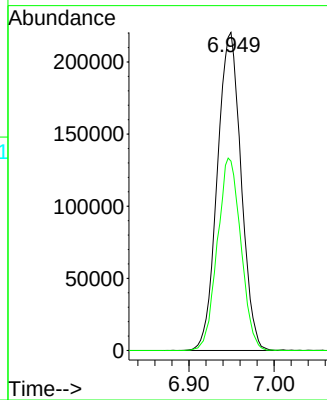
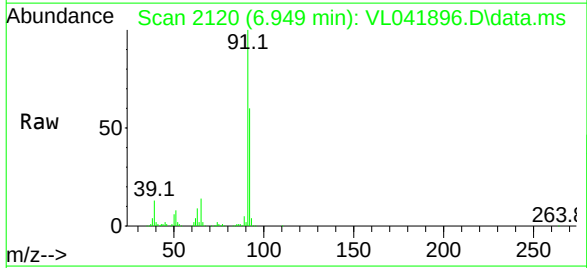
92 59.9 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#54

1,2-Dibromoethane

Concen: 10.175 ppbv

RT: 7.665 min Scan# 2341

Delta R.T. -0.003 min

Lab File: VL041896.D

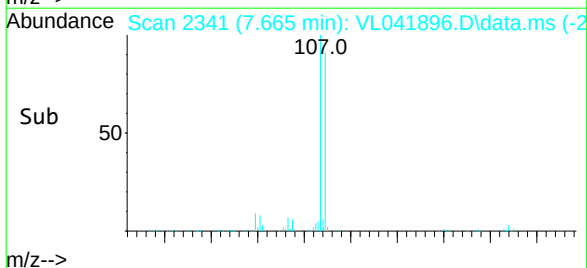
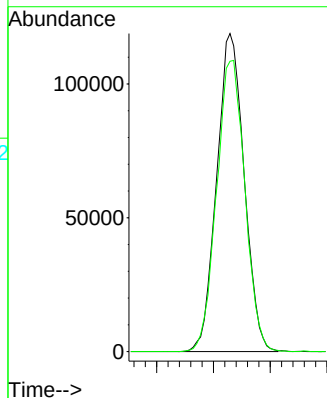
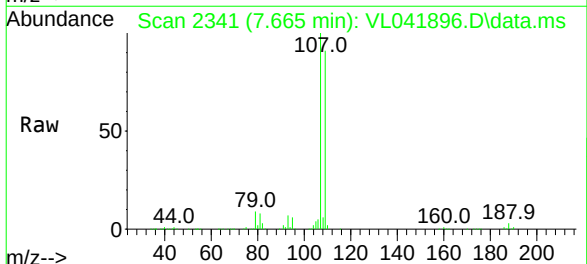
Acq: 14 Jan 2025 17:33

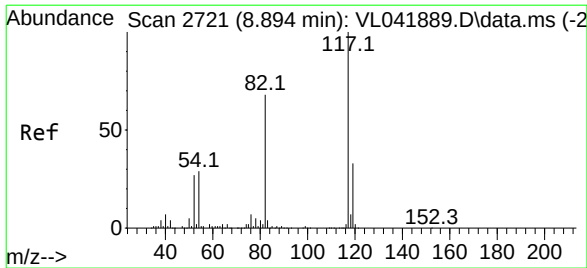
Tgt Ion:107 Resp: 199339

Ion Ratio Lower Upper

107 100

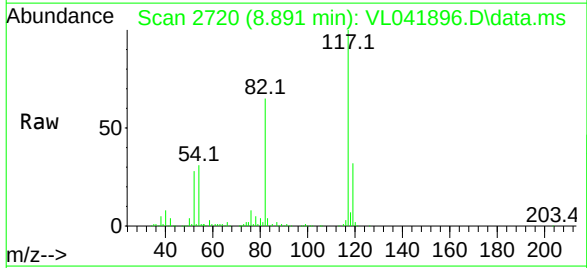
109 91.3 76.7 115.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2721
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

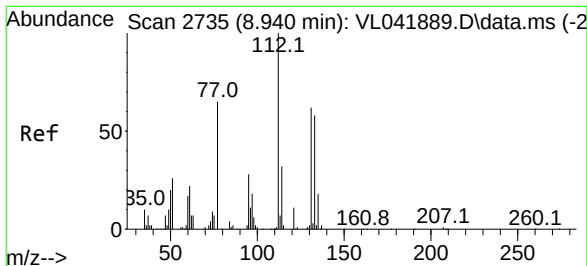
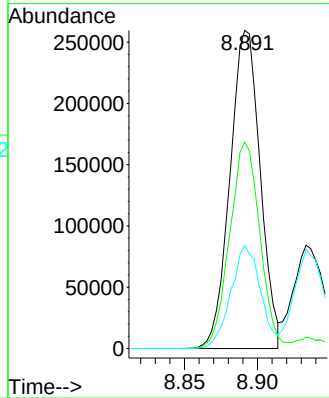
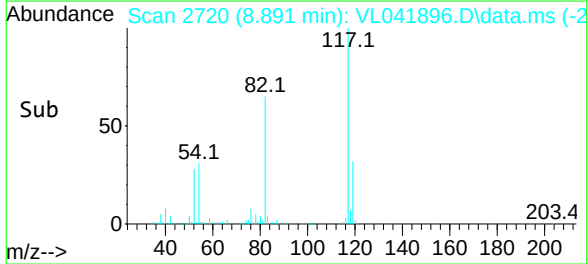
Instrument : MSVOA_L
ClientSampleId : ICVVL011425



Tgt Ion:117 Resp: 373391
Ion Ratio Lower Upper
117 100
82 68.1 54.2 81.4
119 32.0 25.0 37.6

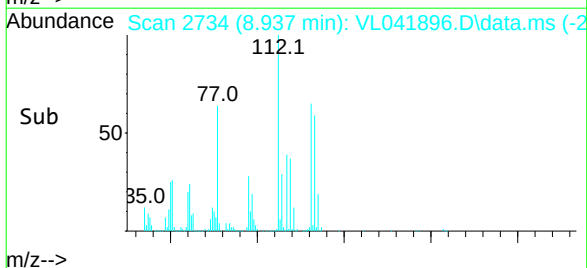
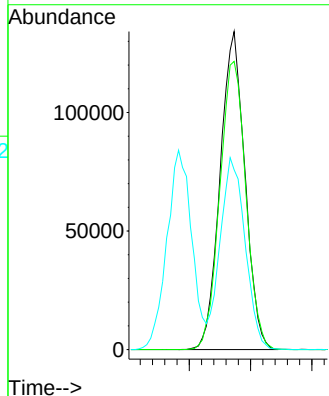
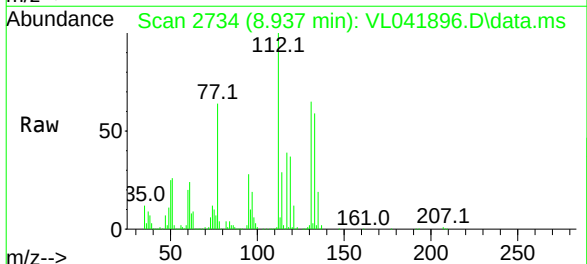
Manual Integrations
APPROVED

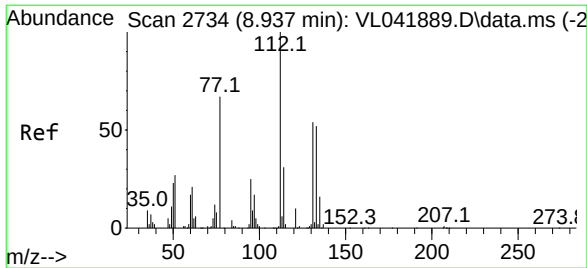
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 10.103 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

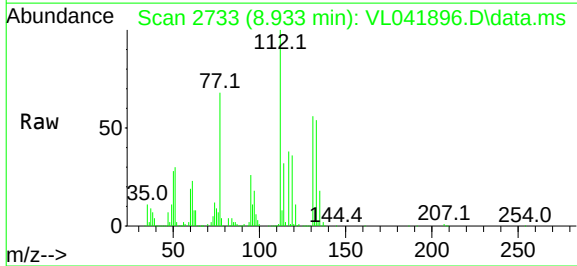
Tgt Ion:131 Resp: 188209
Ion Ratio Lower Upper
131 100
133 95.3 76.0 114.0
119 60.9 49.7 74.5





#57
Chlorobenzene
Concen: 9.553 ppbv
RT: 8.933 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

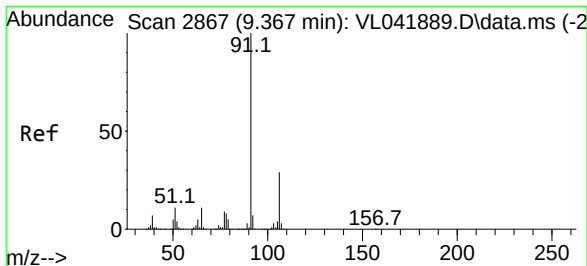
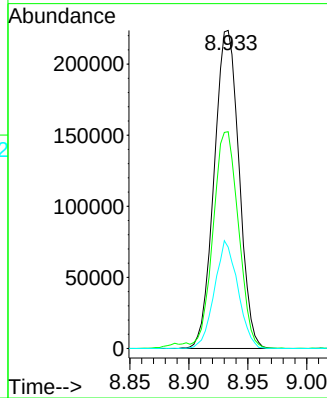
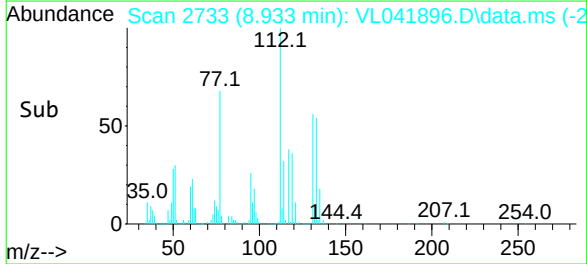
Instrument : MSVOA_L
ClientSampleId : ICVVL011425



Tgt Ion: 112 Resp: 329025
Ion Ratio Lower Upper
112 100
77 68.1 54.6 82.0
114 31.9 28.2 34.4

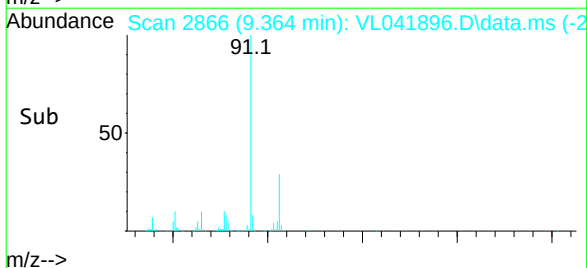
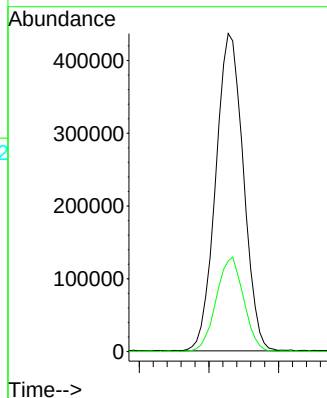
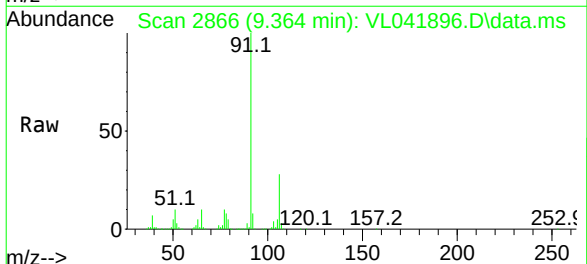
Manual Integrations
APPROVED

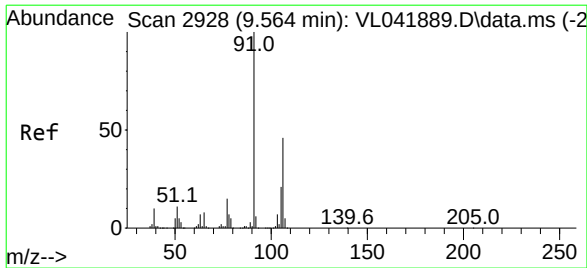
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#58
Ethyl Benzene
Concen: 10.314 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

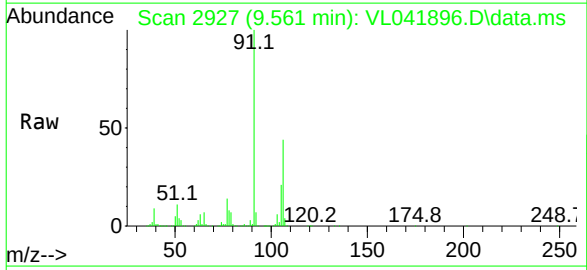
Tgt Ion: 91 Resp: 601857
Ion Ratio Lower Upper
91 100
106 28.5 23.1 34.7





#59
m/p-Xylene
Concen: 20.628 ppbv m
RT: 9.561 min Scan# 29
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

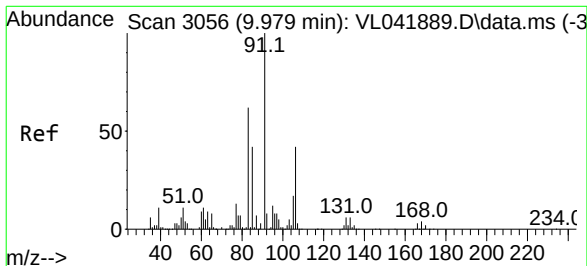
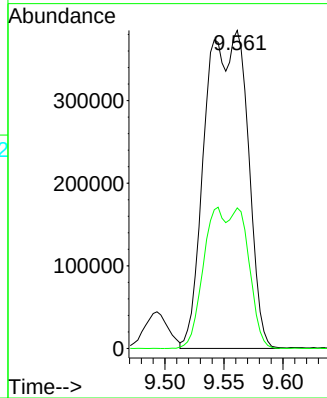
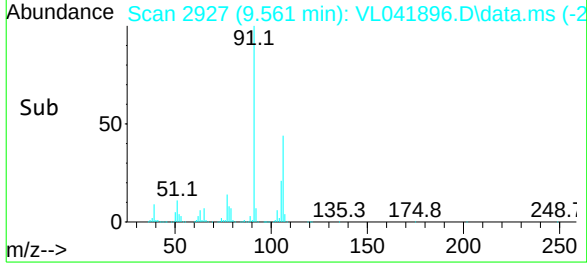
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425



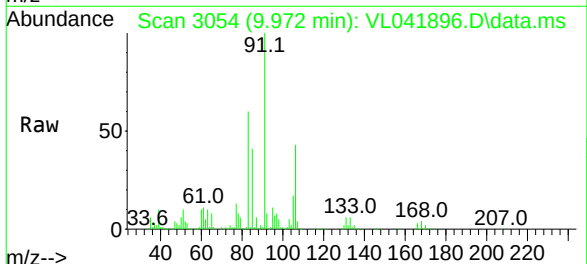
Tgt Ion: 91 Resp: 964838
Ion Ratio Lower Upper
91 100
106 0.0 36.0 54.0#

Manual Integrations
APPROVED

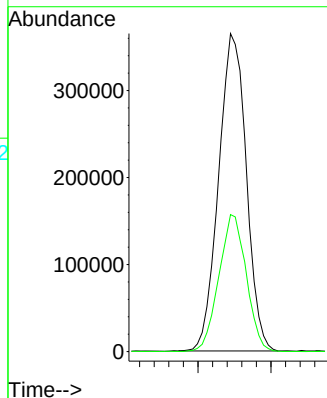
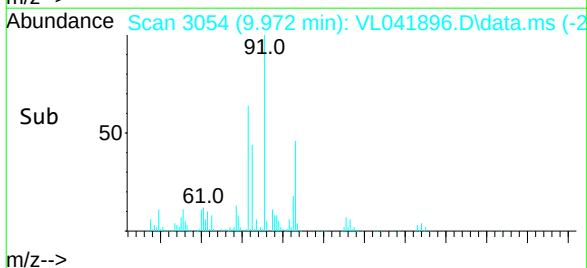
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

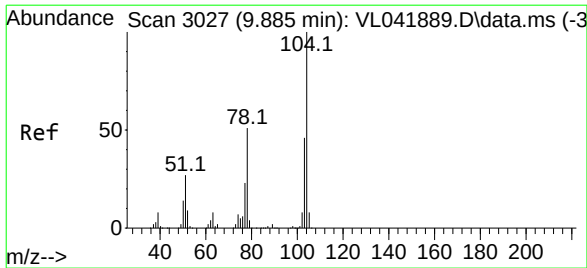


#60
o-Xylene
Concen: 10.348 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.006 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33



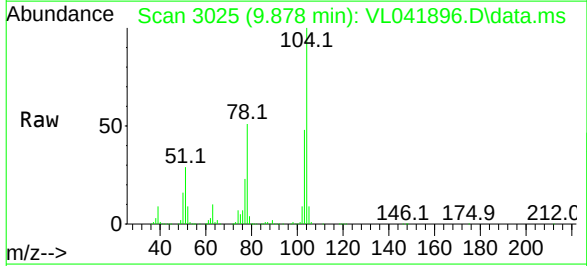
Tgt Ion: 91 Resp: 480442
Ion Ratio Lower Upper
91 100
106 42.8 21.3 63.9





#61
Styrene
Concen: 11.034 ppbv
RT: 9.878 min Scan# 3027
Delta R.T. -0.006 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

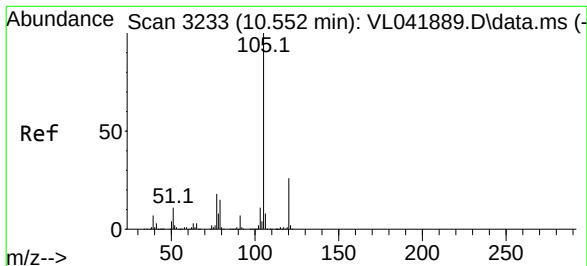
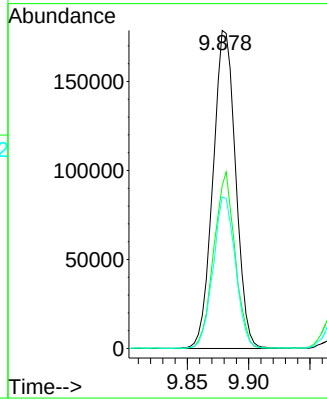
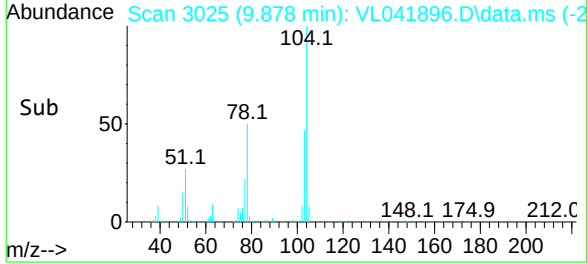
Instrument : MSVOA_1
ClientSampleId : ICVVL011425



Tgt Ion:104 Resp: 229797
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.6
103 46.8 37.2 55.8

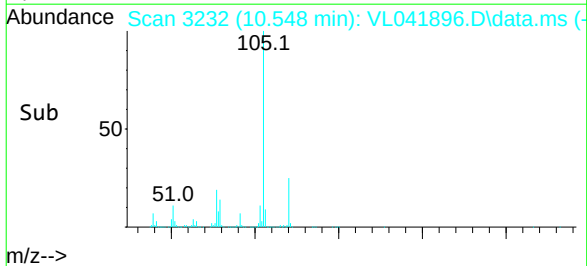
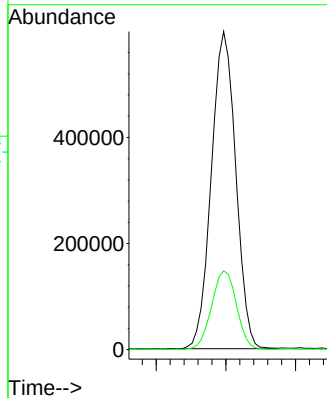
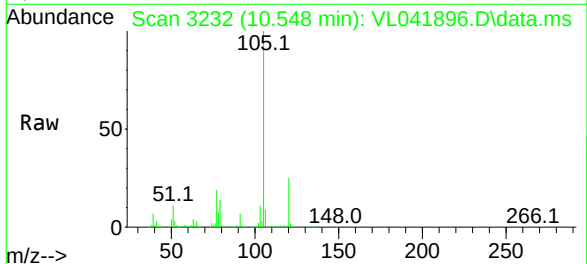
Manual Integrations
APPROVED

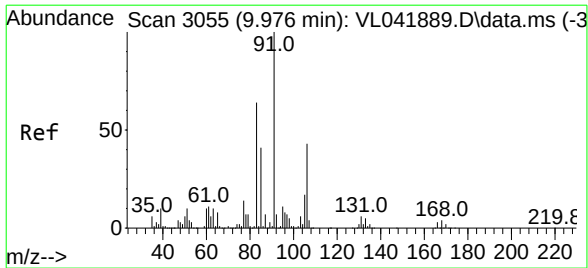
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#62
Isopropylbenzene
Concen: 10.136 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

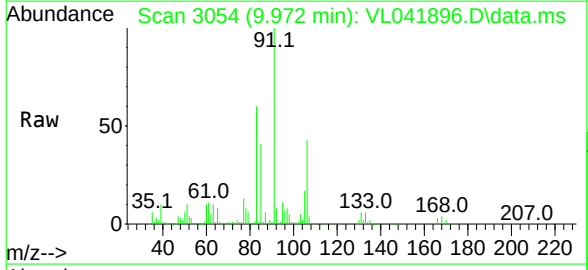
Tgt Ion:105 Resp: 728189
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.809 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

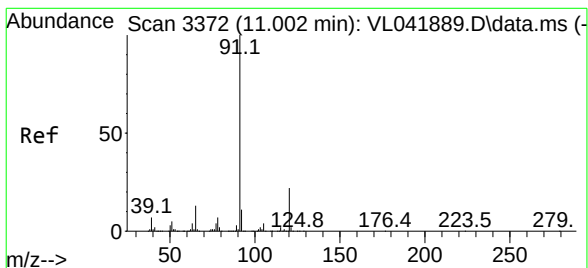
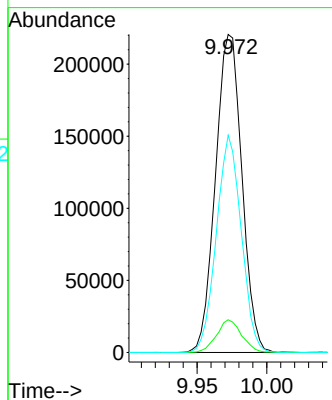
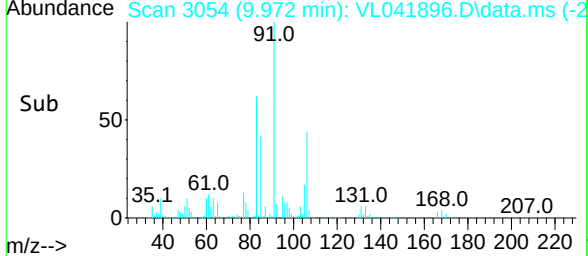
Instrument : MSVOA_L
ClientSampleId : ICVVL011425



Tgt Ion:	83	Resp:	290998
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	64.4	32.4	97.2

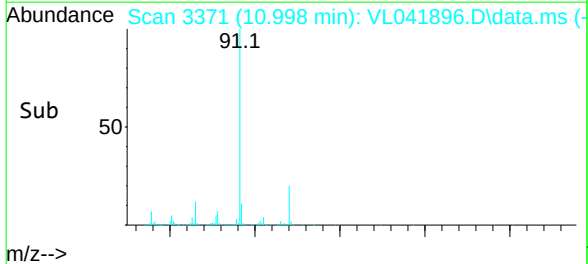
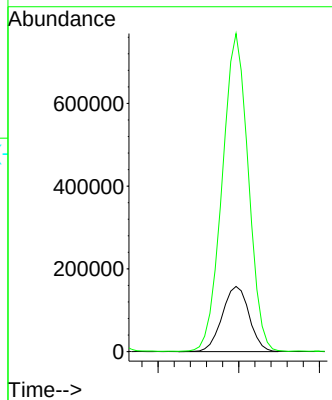
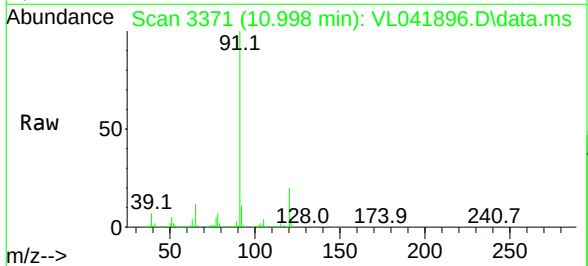
Manual Integrations
APPROVED

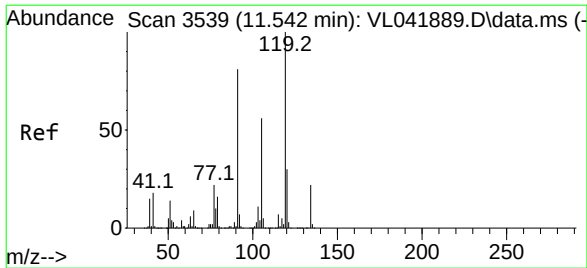
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#64
n-propylbenzene
Concen: 10.048 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion:	120	Resp:	182397
Ion	Ratio	Lower	Upper
120	100		
91	473.2	374.1	561.1





#65

tert-Butylbenzene

Concen: 10.043 ppbv

RT: 11.539 min Scan# 3539

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

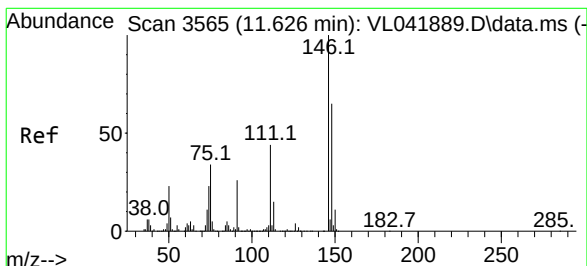
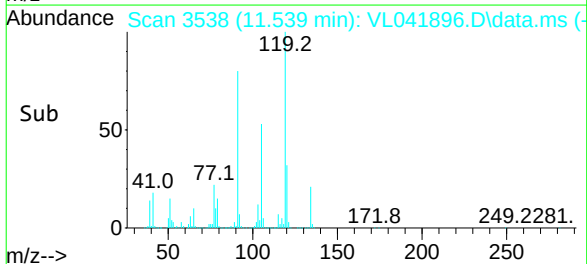
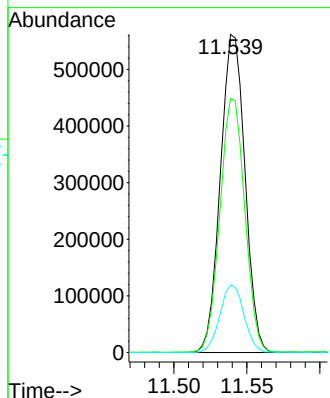
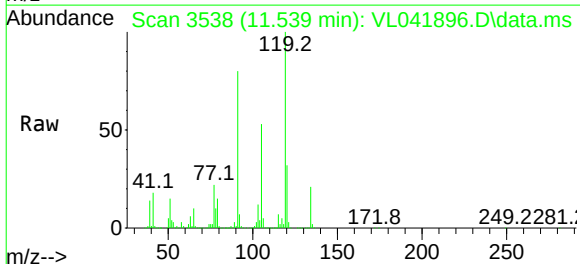
ICVVL011425

Tgt Ion:	119	Resp:	657521
Ion	Ratio	Lower	Upper
119	100		
91	80.9	64.6	97.0
134	20.9	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: 10.490 ppbv

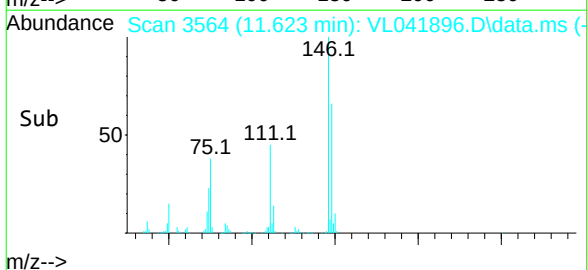
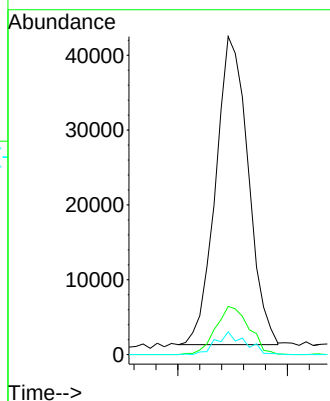
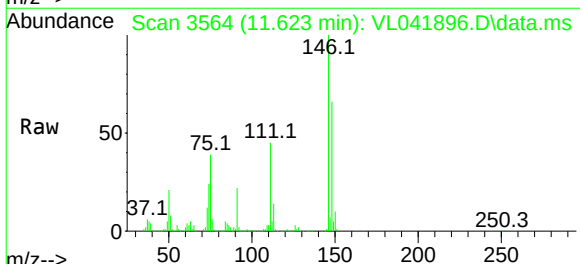
RT: 11.623 min Scan# 3564

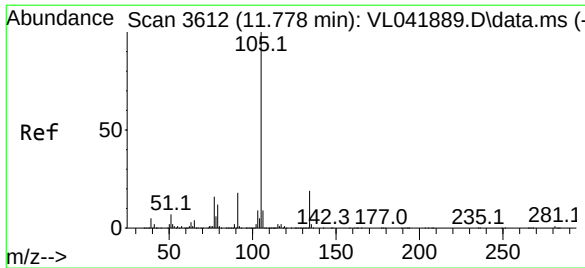
Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Tgt Ion:	91	Resp:	42509
Ion	Ratio	Lower	Upper
91	100		
126	16.2	14.1	21.1
128	6.6	4.3	6.5





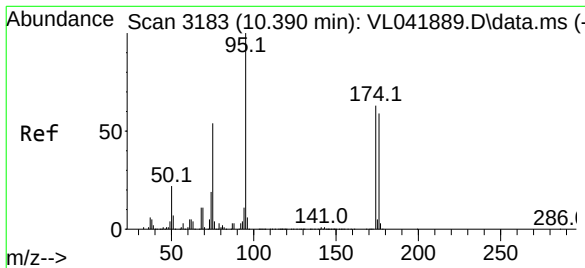
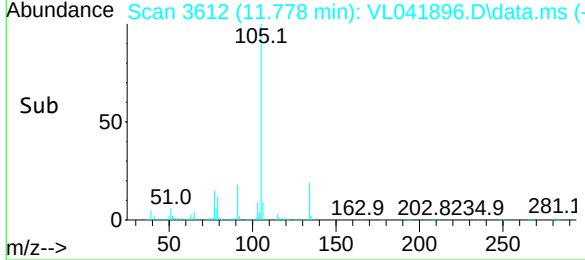
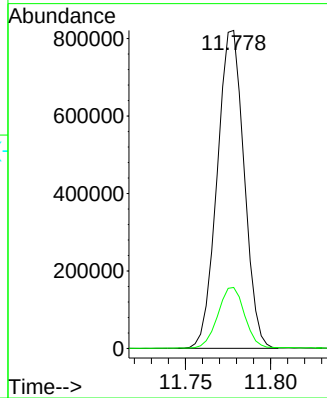
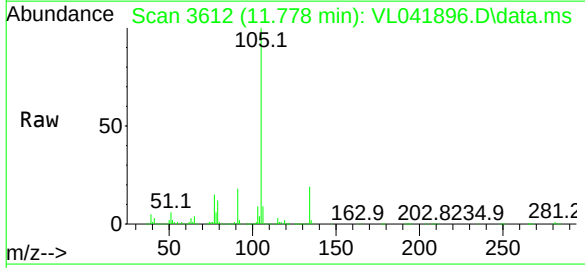
#67
sec-Butylbenzene
Concen: 9.997 ppbv
RT: 11.778 min Scan# 3612
Delta R.T. 0.000 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425

Tgt Ion: 105 Resp: 901260
Ion Ratio Lower Upper
105 100
134 19.8 15.1 22.7

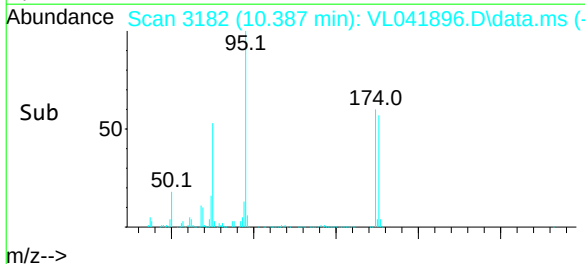
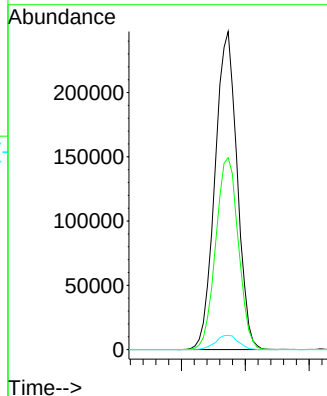
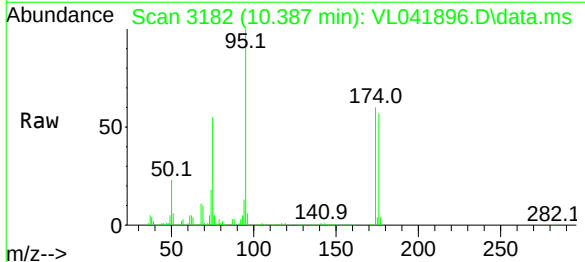
Manual Integrations
APPROVED

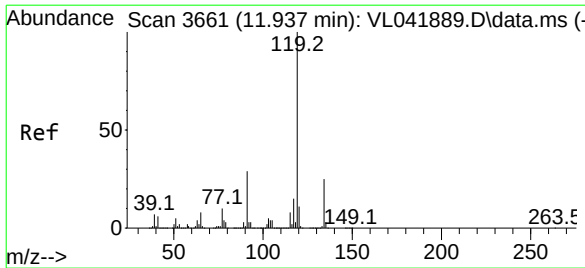
Reviewed By : Semsettin Yesilyurt 01/15/2025
Supervised By : Mahesh Dadoda 01/15/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.133 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion: 95 Resp: 298000
Ion Ratio Lower Upper
95 100
174 61.6 49.0 73.4
175 4.6 3.8 5.8





#69

p-Isopropyltoluene

Concen: 10.043 ppbv

RT: 11.934 min Scan# 3661

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

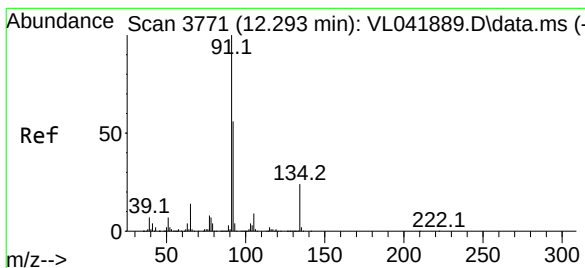
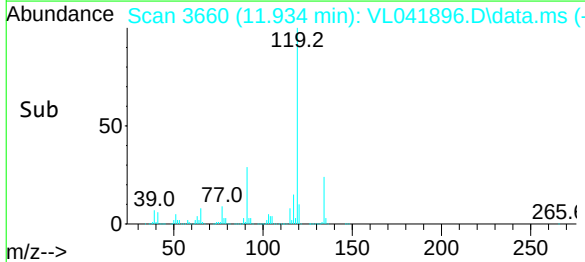
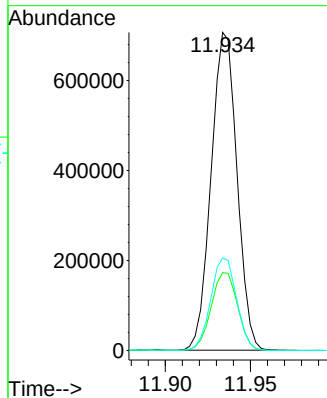
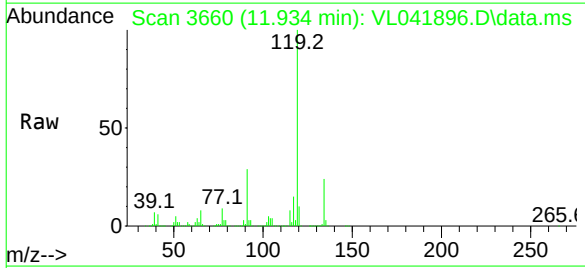
ICVVL011425

Tgt Ion:	119	Resp:	745566
Ion	Ratio	Lower	Upper
119	100		
134	25.2	19.8	29.6
91	29.3	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: 9.965 ppbv

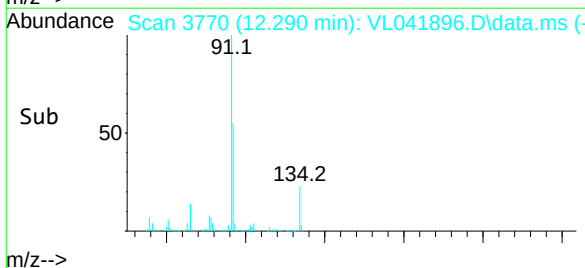
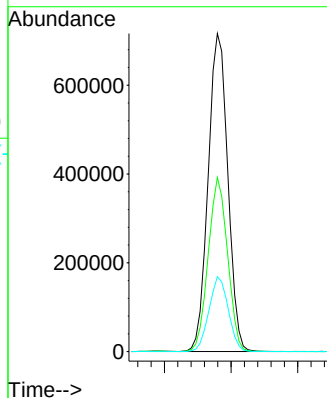
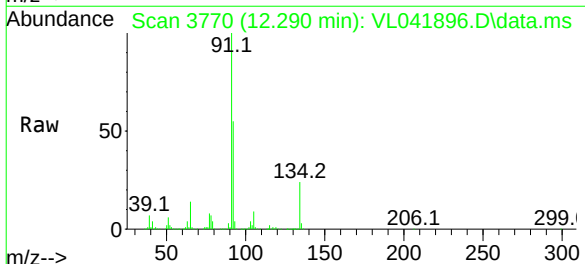
RT: 12.290 min Scan# 3770

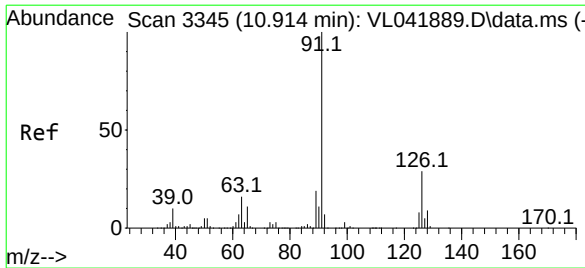
Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

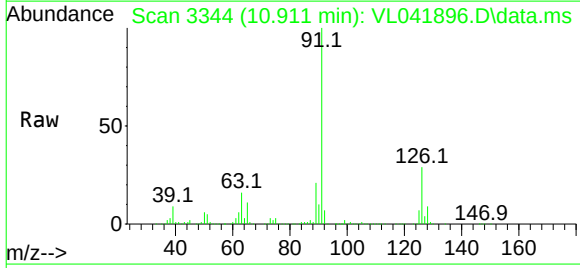
Tgt Ion:	91	Resp:	733637
Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.8	65.6
134	23.2	19.0	28.6





#71
2-Chlorotoluene
Concen: 10.234 ppbv
RT: 10.911 min Scan# 3345
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

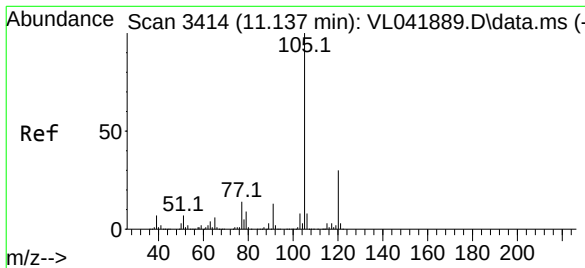
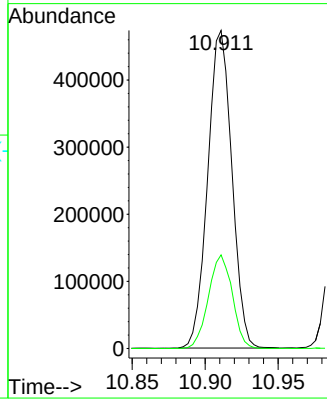
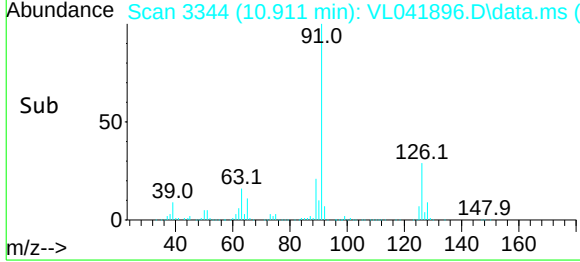
Instrument : MSVOA_L
ClientSampleId : ICVVL011425



Tgt Ion: 91 Resp: 543858
Ion Ratio Lower Upper
91 100
126 29.1 11.7 46.7

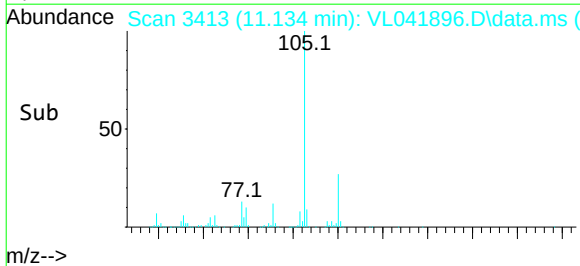
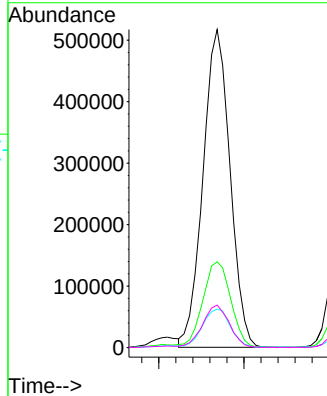
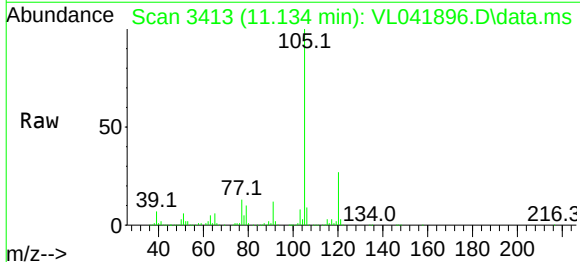
Manual Integrations
APPROVED

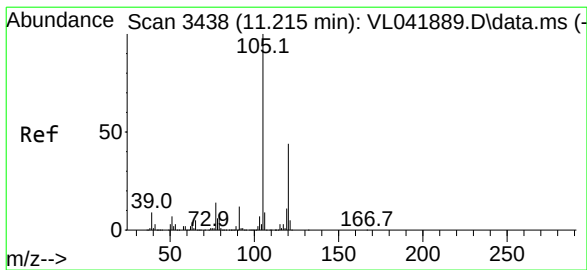
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#72
4-Ethyltoluene
Concen: 10.245 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Tgt Ion:105 Resp: 568921
Ion Ratio Lower Upper
105 100
120 28.9 23.7 35.5
91 12.9 10.2 15.2
77 13.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.061 ppbv

RT: 11.212 min Scan# 3438

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011425

Tgt Ion:105 Resp: 493388

Ion Ratio Lower Upper

105 100

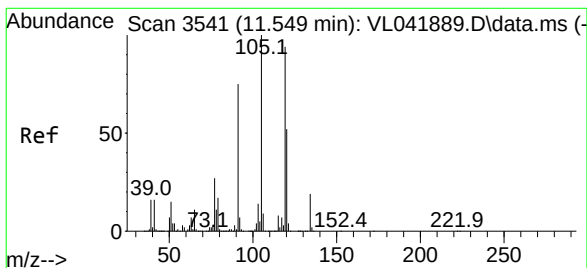
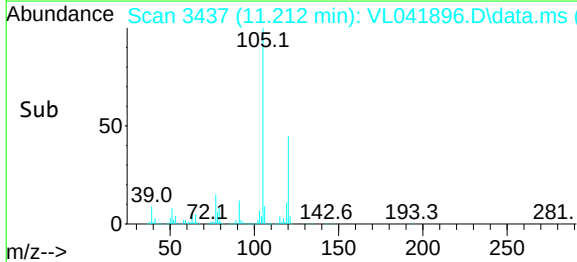
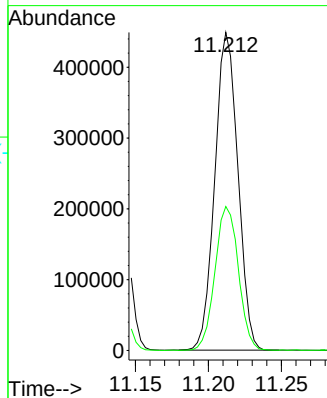
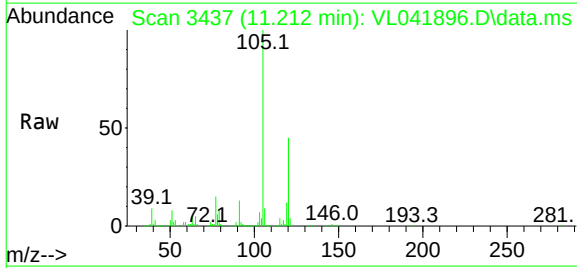
120 45.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.946 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Tgt Ion:105 Resp: 528225

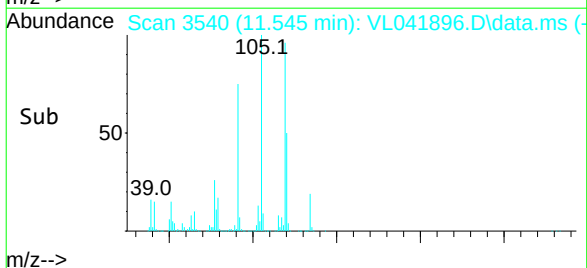
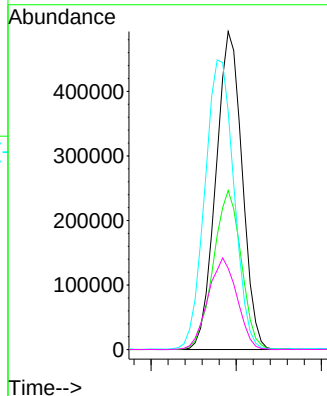
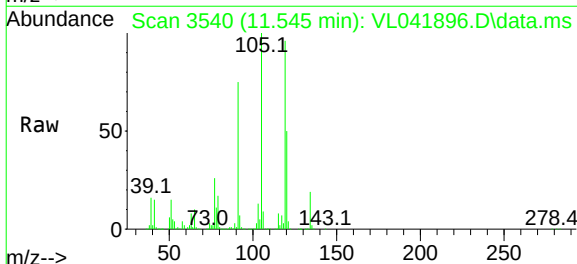
Ion Ratio Lower Upper

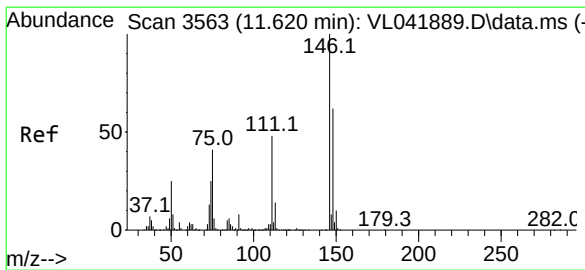
105 100

120 50.0 41.4 62.2

91 74.7 60.2 90.2

77 25.5 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 9.664 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

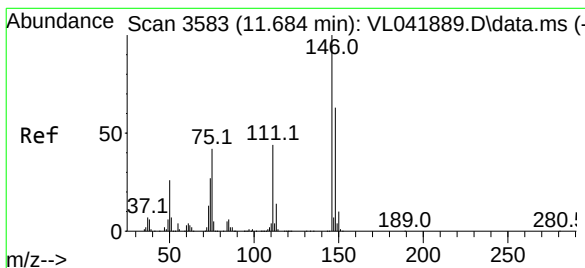
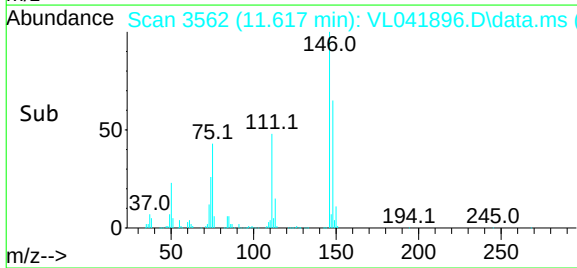
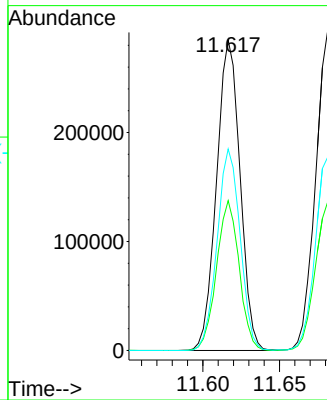
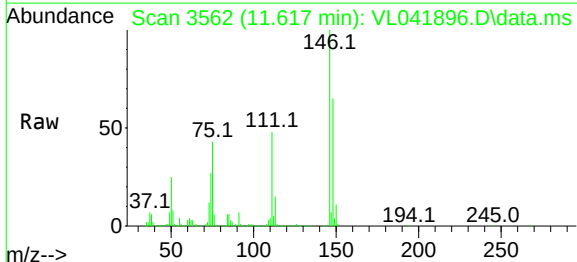
ICVVL011425

Tgt Ion:	146	Resp:	304133
Ion Ratio	Lower	Upper	
146	100		
111	46.5	23.6	70.8
148	63.7	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: 9.670 ppbv

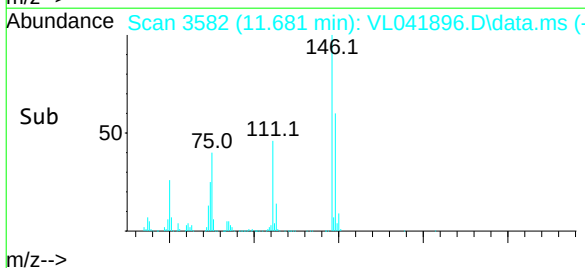
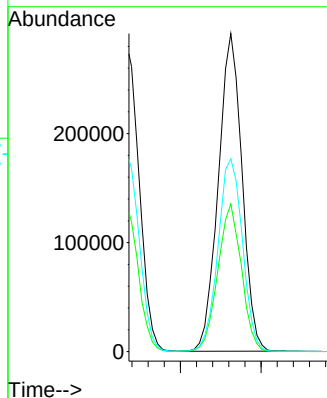
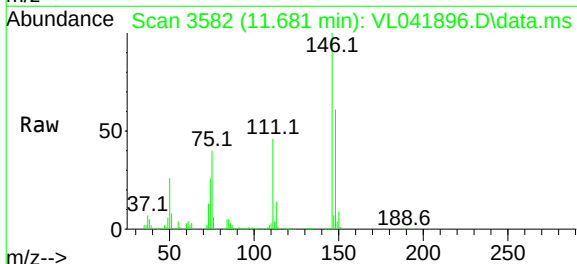
RT: 11.681 min Scan# 3582

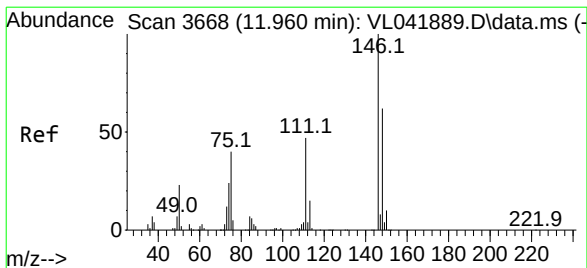
Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Tgt Ion:	146	Resp:	297765
Ion Ratio	Lower	Upper	
146	100		
111	46.3	22.4	67.0
148	63.1	31.9	95.5





#77

1,2-Dichlorobenzene

Concen: 9.555 ppbv

RT: 11.956 min Scan# 3668

Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

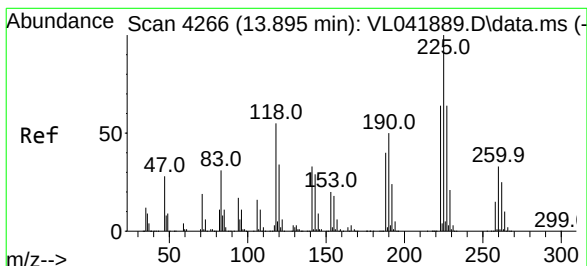
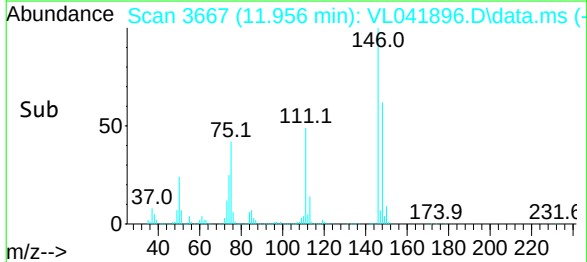
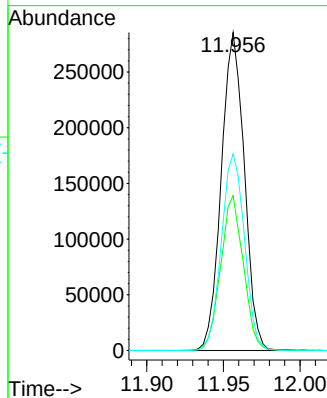
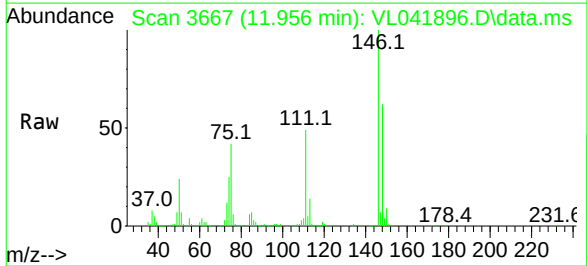
ICVVL011425

Tgt Ion:	146	Resp:	298039
Ion Ratio	Lower	Upper	
146	100		
111	48.1	24.2	72.6
148	62.2	31.7	95.1

Manual Integrations

APPROVED

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



#78

Hexachloro-1,3-Butadiene

Concen: 8.929 ppbv

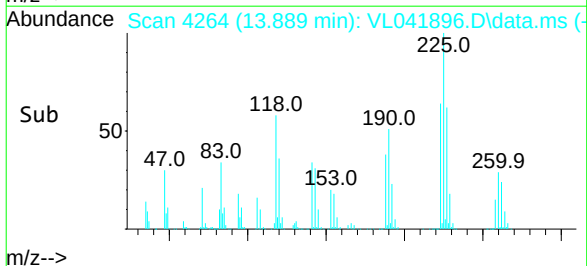
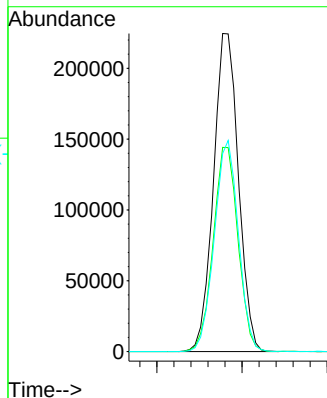
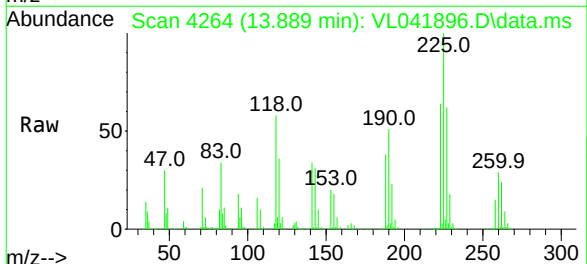
RT: 13.889 min Scan# 4264

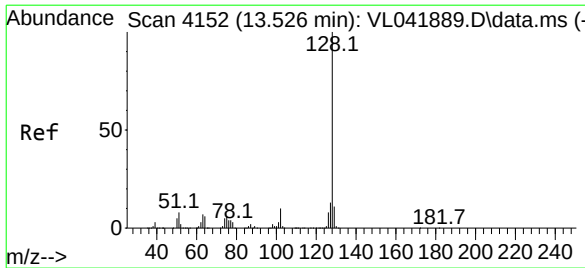
Delta R.T. -0.006 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

Tgt Ion:	225	Resp:	228592
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.8	76.2
227	64.0	50.3	75.5





#79

Naphthalene

Concen: 9.295 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. -0.003 min

Lab File: VL041896.D

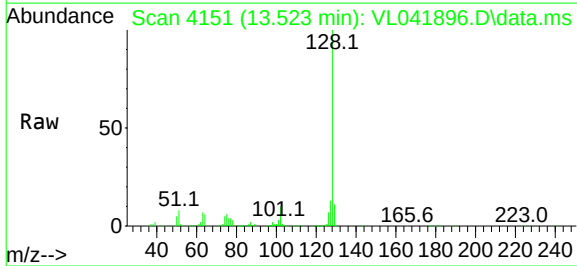
Acq: 14 Jan 2025 17:33

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011425

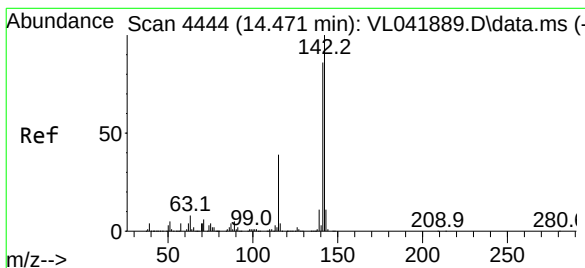
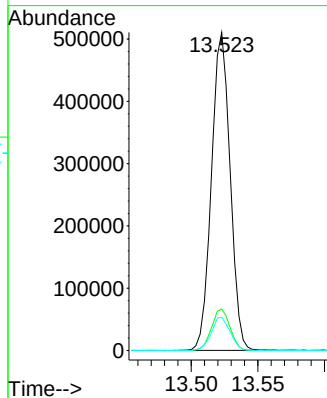
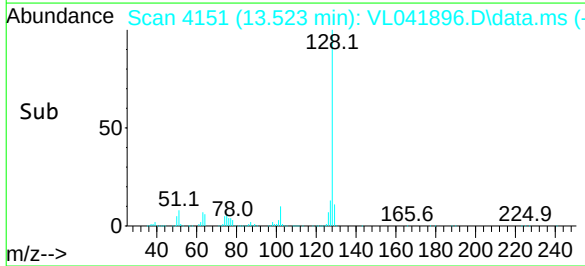


Tgt Ion:	128	Resp:	497063
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.5	9.1	13.7

Manual Integrations

APPROVED

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



#80

Naphthalene,2-methyl-

Concen: 7.398 ppbv

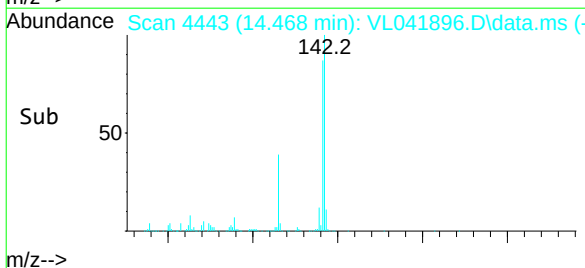
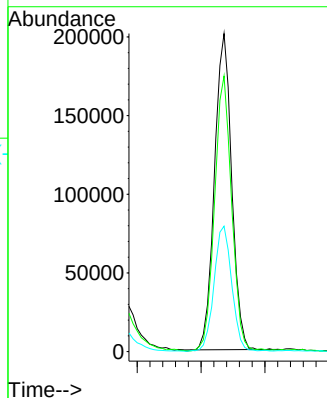
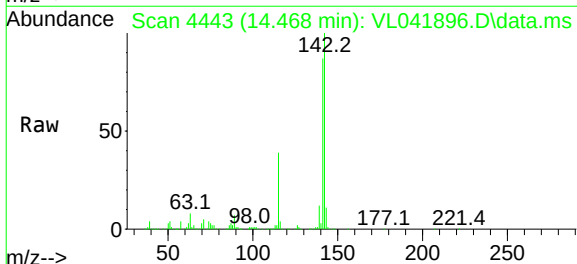
RT: 14.468 min Scan# 4443

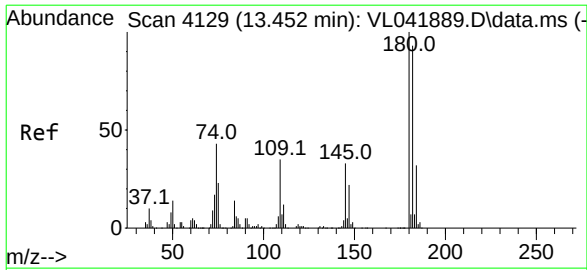
Delta R.T. -0.003 min

Lab File: VL041896.D

Acq: 14 Jan 2025 17:33

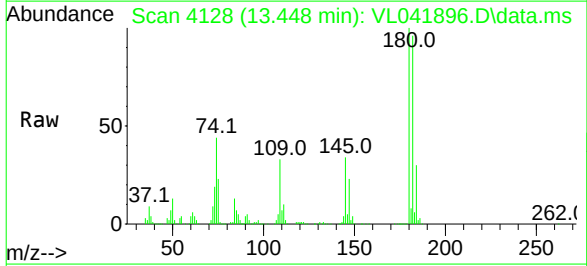
Tgt Ion:	142	Resp:	187571
Ion	Ratio	Lower	Upper
142	100		
141	85.9	68.1	102.1
115	41.6	31.7	47.5





#81
1,2,4-Trichlorobenzene
Concen: 9.049 ppbv
RT: 13.448 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041896.D
Acq: 14 Jan 2025 17:33

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011425



Tgt Ion:	180	Resp:	236181
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.0	115.6
184	29.8	24.9	37.3

Manual Integrations
APPROVED

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

