

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041915.D
 Acq On : 15 Jan 2025 08:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 15 09:07:38 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	2.787	49	133682	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	381046	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.882	117	340533	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 269067 10.032 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	190883	10.483	ppbv	100
3) Chlorodifluoromethane	1.476	51	191030	10.014	ppbv	98
4) Chloromethane	1.531	50	70529	10.299	ppbv	100
5) Vinyl Chloride	1.580	62	69817	10.065	ppbv	98
6) Bromomethane	1.667	94	33785	10.220	ppbv	94
7) Chloroethane	1.703	64	28932	10.720	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	158159	9.939	ppbv	99
9) Propene	1.483	41	78676	10.012	ppbv	97
10) Heptane	4.978	43	219182	10.435	ppbv	100
11) Trichlorofluoromethane	1.877	101	188824	9.969	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	152608	10.280	ppbv	98
13) Ethanol	1.722	45	3770	6.550	ppbv	97
14) Bromoethene	1.780	108	53044	9.759	ppbv	100
15) Acetone	1.835	43	145440	9.058	ppbv	99
16) 1,3-Butadiene	1.609	39	72808	10.103	ppbv	97
17) tert-Butyl alcohol	2.042	59	192032	9.717	ppbv	98
18) 1,1-Dichloroethene	2.033	96	67994	10.162	ppbv	96
19) Isopropyl Alcohol	1.887	45	87066	9.145	ppbv	99
20) Methylene Chloride	2.062	84	56906	8.968	ppbv	97
21) Allyl Chloride	2.098	41	115171	10.359	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	75854	10.045	ppbv	97
23) Vinyl Acetate	2.463	43	69930	10.004	ppbv	99
24) 1,1-Dichloroethane	2.408	63	148619	10.175	ppbv	99
25) Ethyl Acetate	2.839	43	447057	10.325	ppbv	100
26) Hexane	2.826	57	179182	10.464	ppbv	98
27) Carbon Disulfide	2.149	76	177726	10.488	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	111344	8.507	ppbv	100
29) Chloroform	2.848	83	283771	10.483	ppbv	98
30) Cyclohexane	3.858	84	152094	10.240	ppbv	99
31) cis-1,2-Dichloroethene	2.722	61	182222	10.106	ppbv	98
32) 1,1,1-Trichloroethane	3.366	97	276080	10.659	ppbv	100
34) 2-Butanone	2.557	43	256230	10.574	ppbv	100
35) Carbon Tetrachloride	3.764	117	277215	11.560	ppbv	99
36) Benzene	3.658	78	367339	10.511	ppbv	99
37) 1,2-Dichloroethane	3.221	62	210552	10.727	ppbv	99
38) Trichloroethene	4.551	130	145917	10.517	ppbv	95
39) 1,2-Dichloropropane	4.315	63	126885	10.350	ppbv	98
40) 1,4-Dioxane	4.583	88	62719	10.137	ppbv #	89
41) Tetrahydrofuran	3.056	42	142078	10.753	ppbv	99
42) Bromodichloromethane	4.489	83	290849	11.052	ppbv	96
43) Methyl Methacrylate	4.884	69	142726	10.993	ppbv	99
44) 2,2,4-Trimethylpentane	4.641	57	600177	10.617	ppbv	99
45) t-1,3-Dichloropropene	6.418	75	137142	11.285	ppbv	100

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Manual Integrations
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Quant Time: Jan 15 09:07:38 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

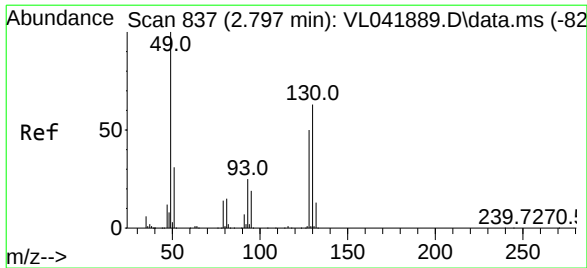
QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	178837	11.208	ppbv	97
47) 1,1,2-Trichloroethane	6.583	97	139382	10.726	ppbv	98
48) Dibromochloromethane	7.389	129	229205	11.433	ppbv	98
49) Bromoform	9.484	173	186276	11.311	ppbv	99
50) 4-Methyl-2-Pentanone	5.758	43	359777	10.897	ppbv	99
51) 2-Hexanone	7.441	43	287760	11.321	ppbv #	98
52) Tetrachloroethene	8.224	164	122829	10.136	ppbv	97
53) Toluene	6.936	91	413947	10.873	ppbv	99
54) 1,2-Dibromoethane	7.652	107	194641	10.896	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.927	131	186173	10.958	ppbv	98
57) Chlorobenzene	8.924	112	325559	10.364	ppbv	99
58) Ethyl Benzene	9.357	91	594748	11.176	ppbv	98
59) m/p-Xylene	9.532	91	964154m	22.570	ppbv	
60) o-Xylene	9.966	91	480219	11.342	ppbv	100
61) Styrene	9.872	104	222529	11.716	ppbv	99
62) Isopropylbenzene	10.542	105	714600	10.907	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	284076	10.659	ppbv	99
64) n-propylbenzene	10.992	120	185193	11.186	ppbv	99
65) tert-Butylbenzene	11.532	119	643420	10.776	ppbv	99
66) Benzyl Chloride	11.616	91	36853	9.972	ppbv	98
67) sec-Butylbenzene	11.769	105	885752	10.774	ppbv	99
69) p-Isopropyltoluene	11.927	119	738290	10.905	ppbv	100
70) n-Butylbenzene	12.283	91	714292	10.638	ppbv	99
71) 2-Chlorotoluene	10.904	91	533935	11.017	ppbv	100
72) 4-Ethyltoluene	11.128	105	575036	11.354	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	491905	10.998	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	535878	11.063	ppbv	94
75) 1,3-Dichlorobenzene	11.610	146	305274	10.636	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	304097	10.829	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	288196	10.131	ppbv	97
78) Hexachloro-1,3-Butadiene	13.885	225	197004	8.438	ppbv	100
79) Naphthalene	13.516	128	443650	9.097	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	188081	8.134	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	205739	8.643	ppbv	96

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



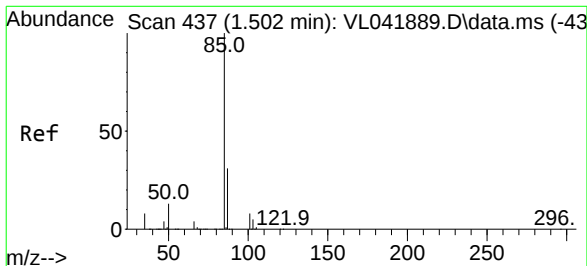
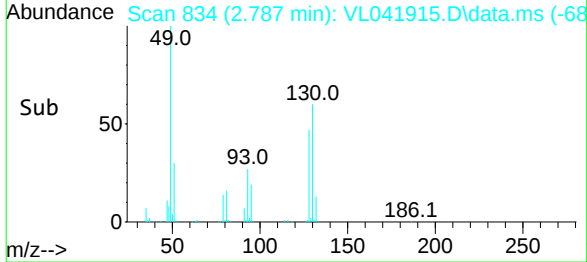
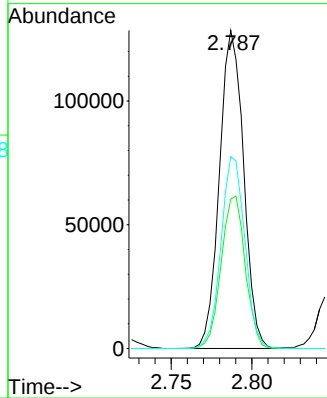
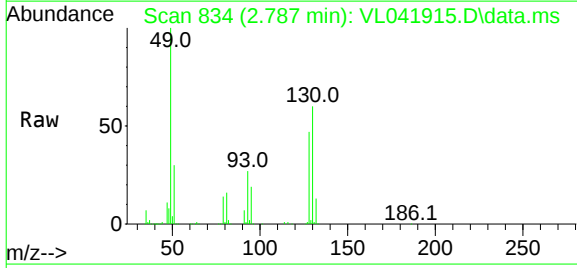
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 837
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 133682
Ion Ratio Lower Upper
49 100
128 47.8 24.3 73.0
130 59.7 31.1 93.2

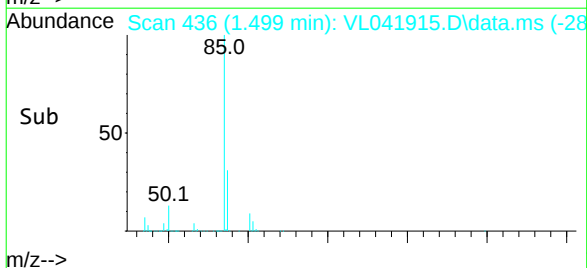
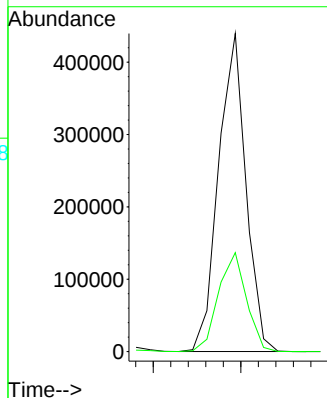
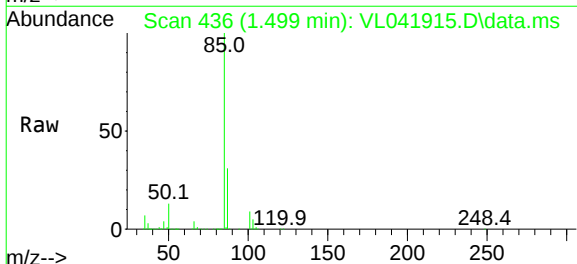
Manual Integrations
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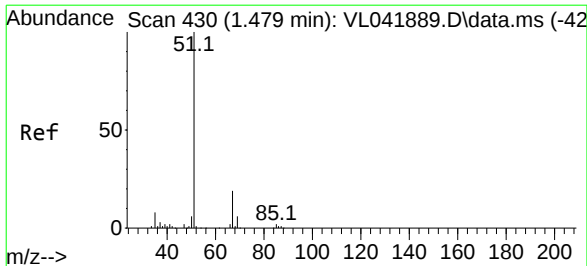
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#2
Dichlorodifluoromethane
Concen: 10.483 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

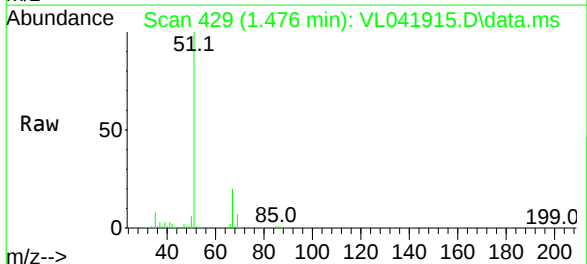
Tgt Ion: 85 Resp: 190883
Ion Ratio Lower Upper
85 100
87 31.1 24.9 37.3





#3
Chlorodifluoromethane
Concen: 10.014 ppbv
RT: 1.476 min Scan# 42
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

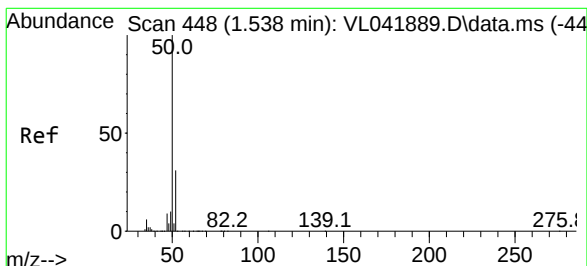
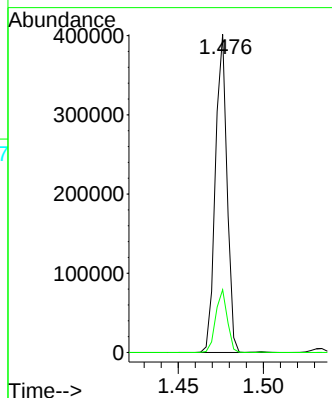
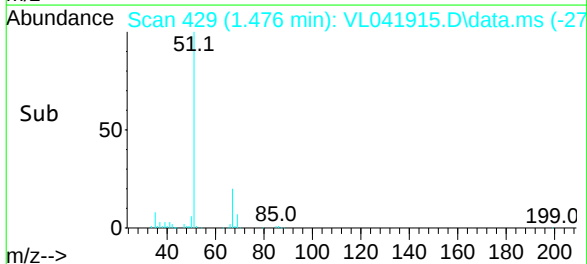
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 191036
Ion Ratio Lower Upper
51 100
67 19.7 15.0 22.4

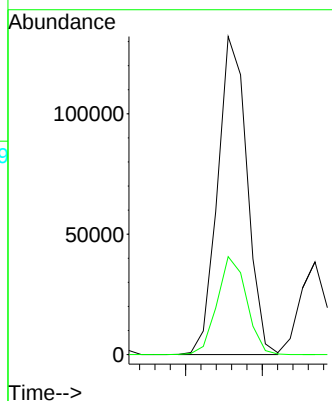
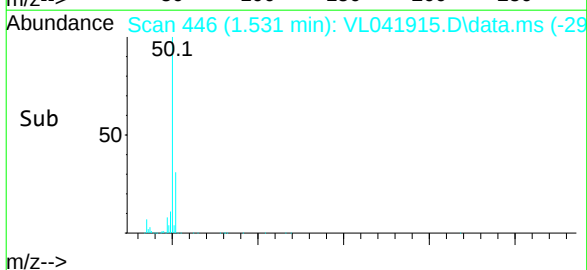
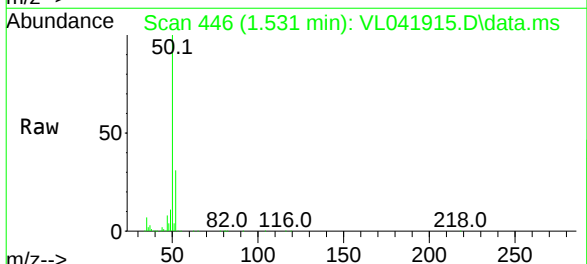
Manual Integrations
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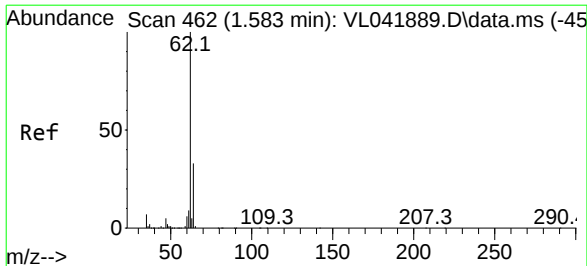
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#4
Chloromethane
Concen: 10.299 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

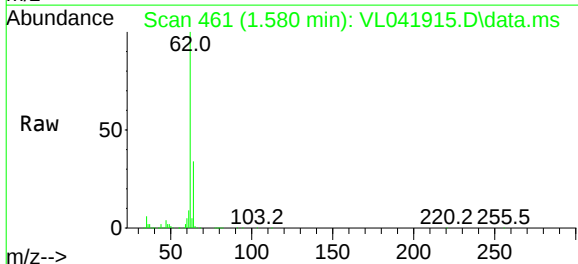
Tgt Ion: 50 Resp: 70529
Ion Ratio Lower Upper
50 100
52 30.8 24.6 36.8





#5
 Vinyl Chloride
 Concen: 10.065 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

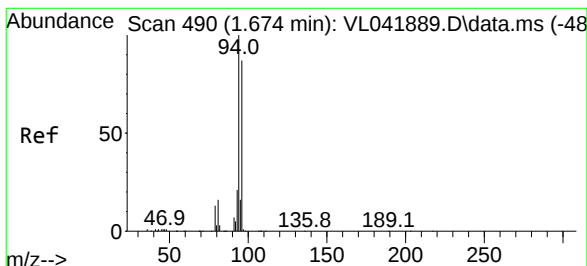
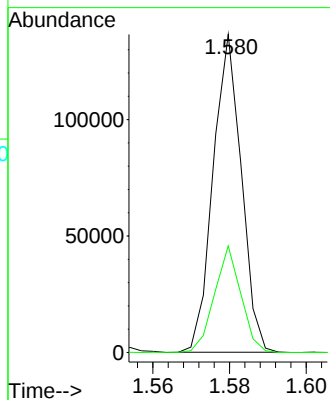
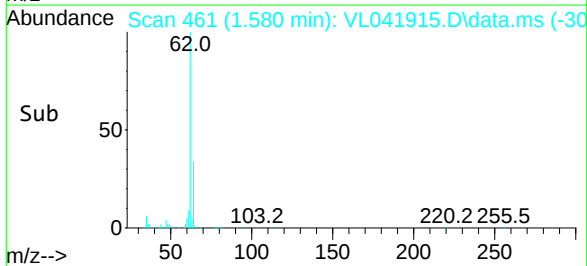
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 69817
 Ion Ratio Lower Upper
 62 100
 64 33.5 26.1 39.1

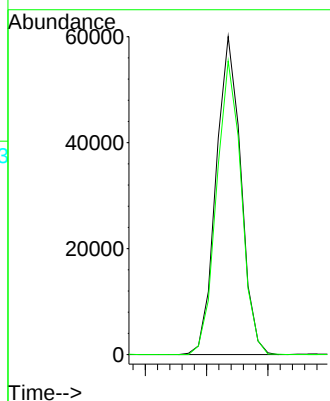
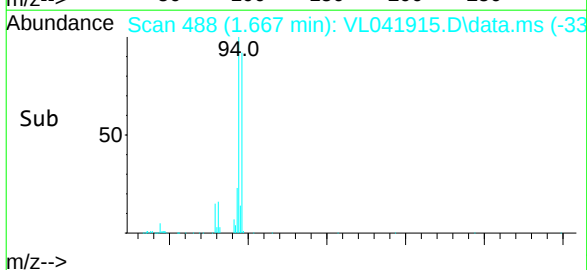
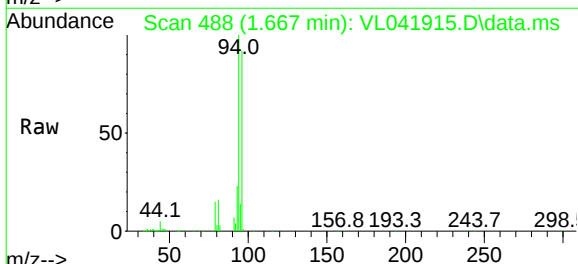
Manual Integrations
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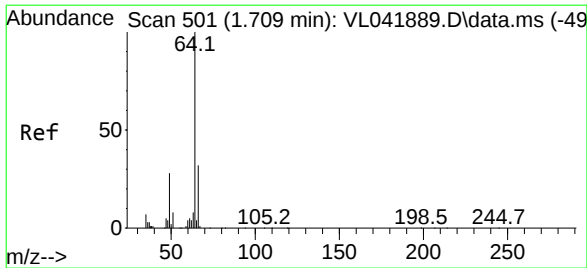
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#6
 Bromomethane
 Concen: 10.220 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

Tgt Ion: 94 Resp: 33785
 Ion Ratio Lower Upper
 94 100
 96 92.3 69.5 104.3





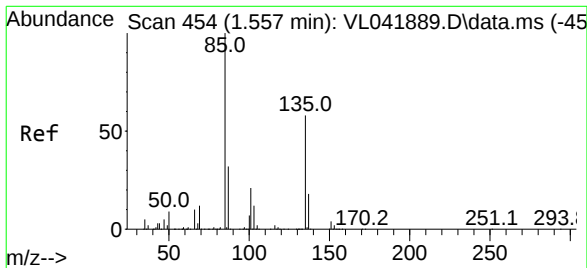
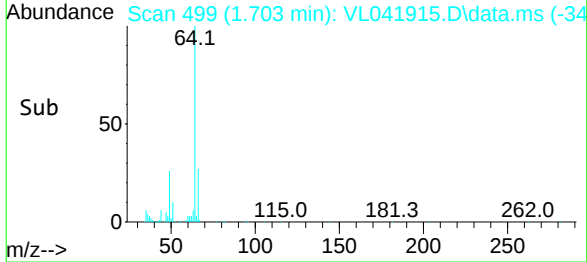
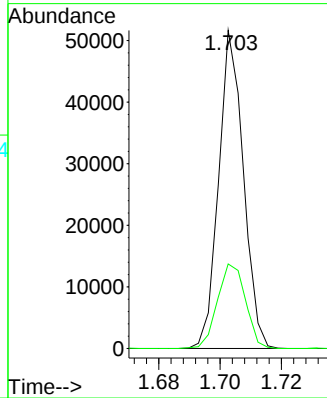
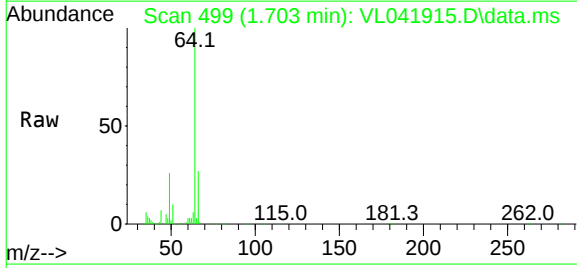
#7
Chloroethane
Concen: 10.720 ppbv
RT: 1.703 min Scan# 49
Delta R.T. -0.006 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 28932
Ion Ratio Lower Upper
64 100
66 26.6 25.7 38.5

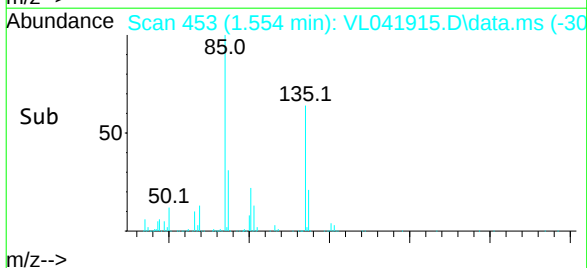
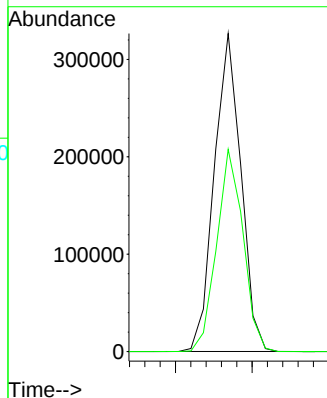
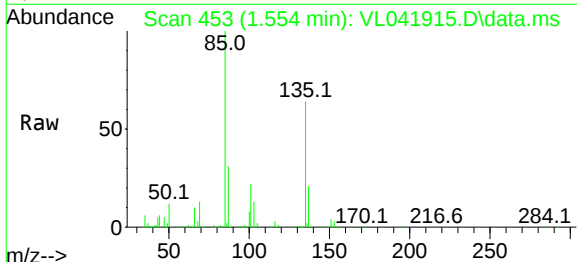
Manual Integrations
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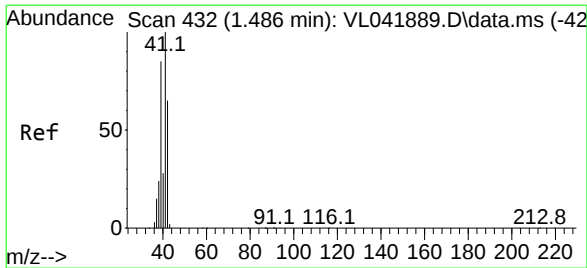
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#8
Dichlorotetrafluoroethane
Concen: 9.939 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

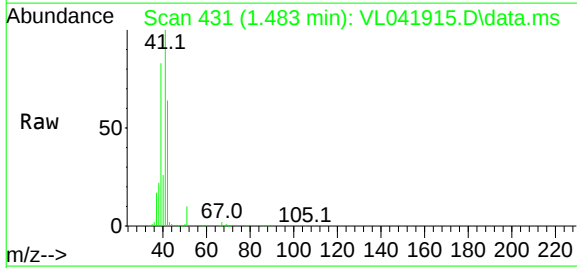
Tgt Ion: 85 Resp: 158159
Ion Ratio Lower Upper
85 100
135 63.0 50.0 75.0





#9
Propene
Concen: 10.012 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

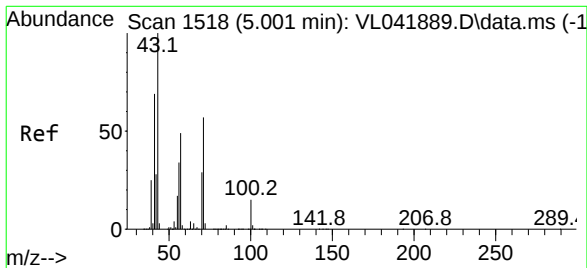
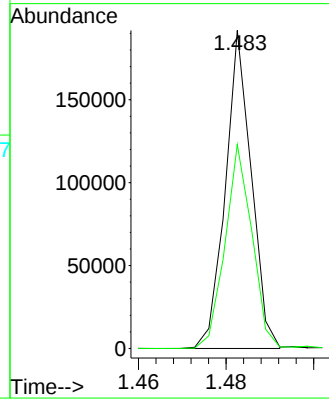
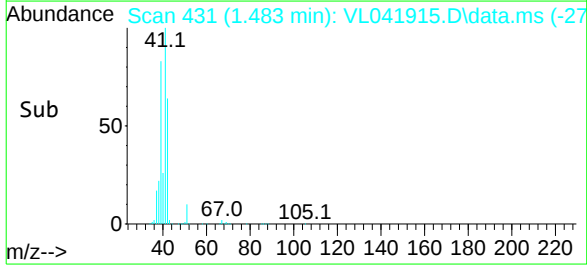
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



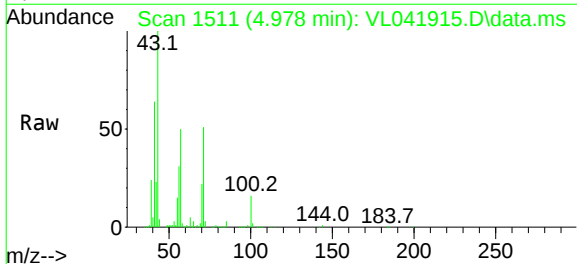
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Ion Ratio Lower Upper
41 100
42 67.6 52.0 78.0

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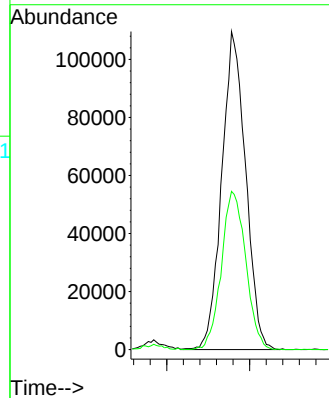
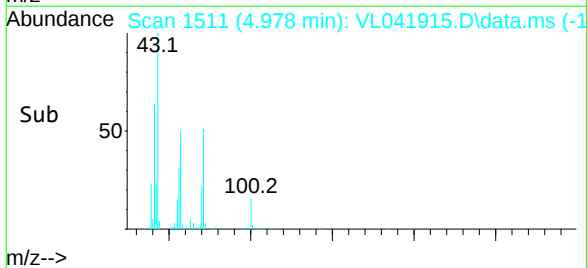
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

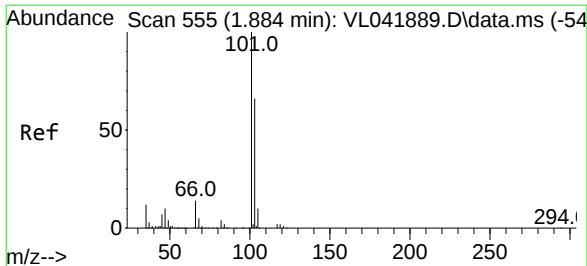


#10
Heptane
Concen: 10.435 ppbv
RT: 4.978 min Scan# 1511
Delta R.T. -0.023 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37



Tgt Ion: 43 Resp: 219182
Ion Ratio Lower Upper
43 100
57 50.9 41.0 61.4





#11

Trichlorofluoromethane

Concen: 9.969 ppbv

RT: 1.877 min Scan# 555

Delta R.T. -0.006 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:101 Resp: 188824

Ion Ratio Lower Upper

101 100

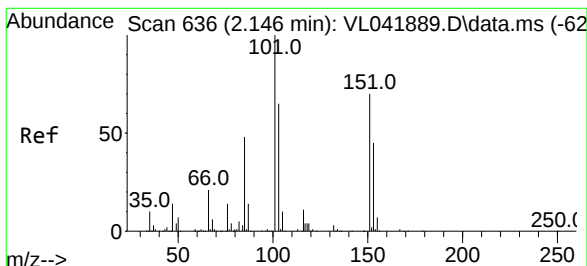
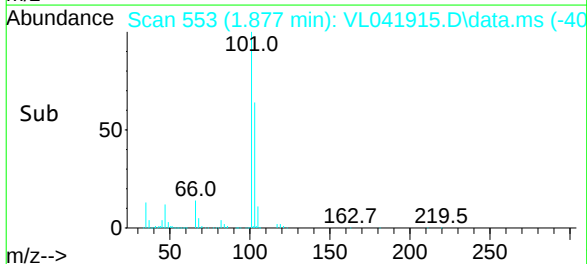
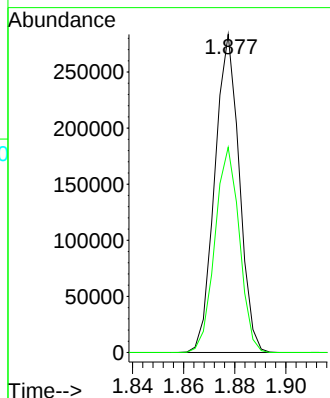
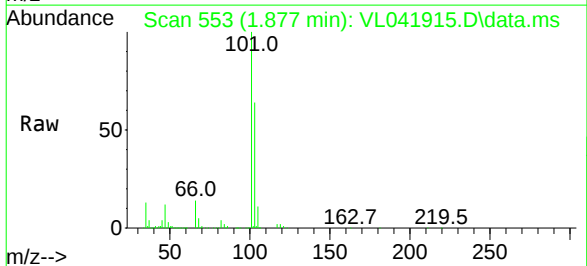
103 64.5 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.280 ppbv

RT: 2.140 min Scan# 634

Delta R.T. -0.006 min

Lab File: VL041915.D

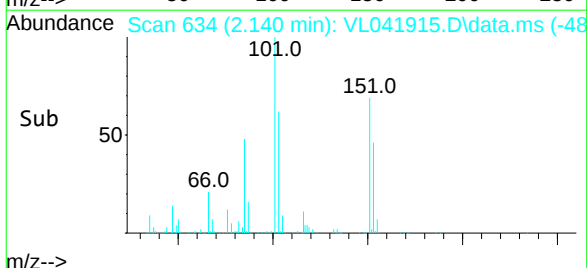
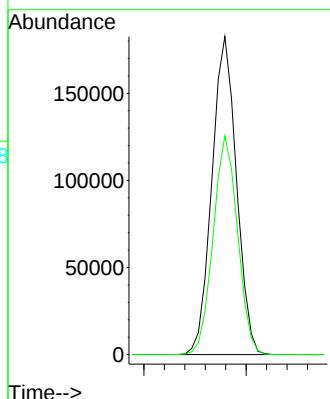
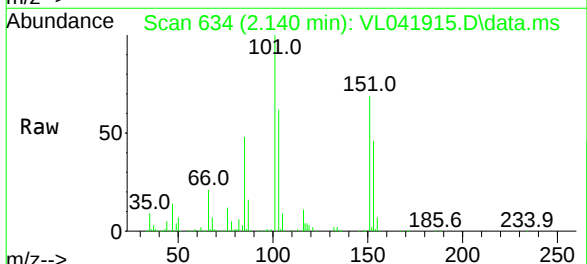
Acq: 15 Jan 2025 08:37

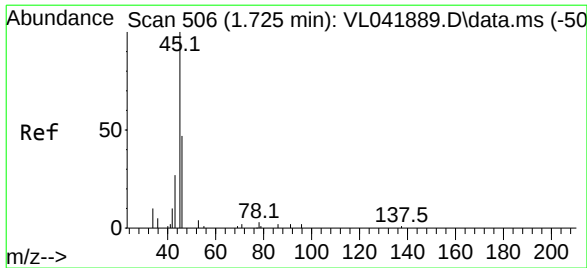
Tgt Ion:101 Resp: 152608

Ion Ratio Lower Upper

101 100

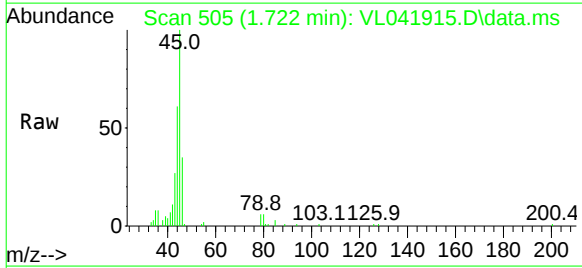
151 68.3 56.1 84.1





#13
Ethanol
Concen: 6.550 ppbv
RT: 1.722 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

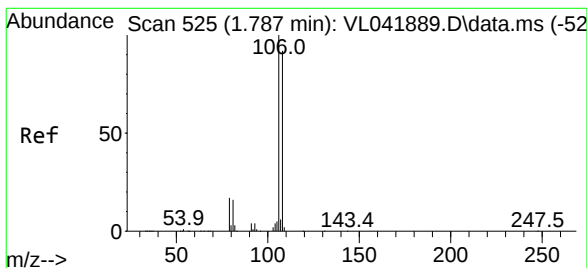
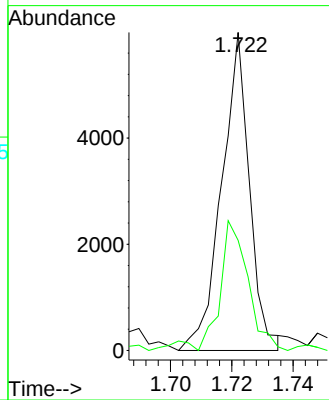
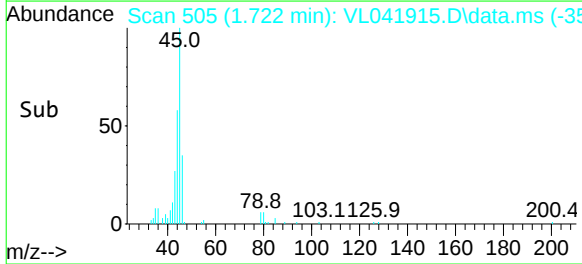
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 3770
Ion Ratio Lower Upper
45 100
46 43.4 18.1 72.5

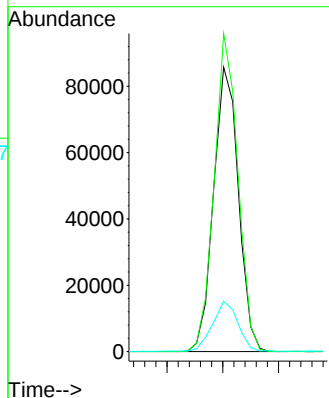
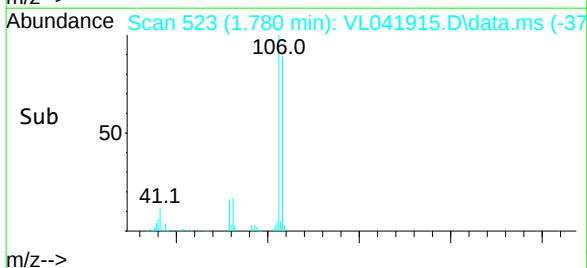
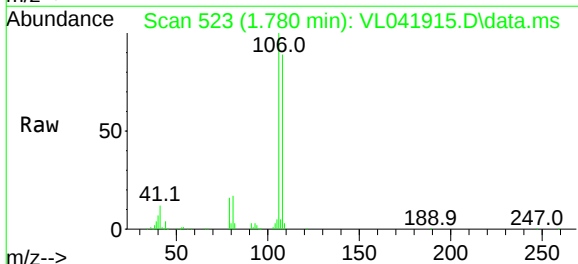
Manual Integrations
APPROVED

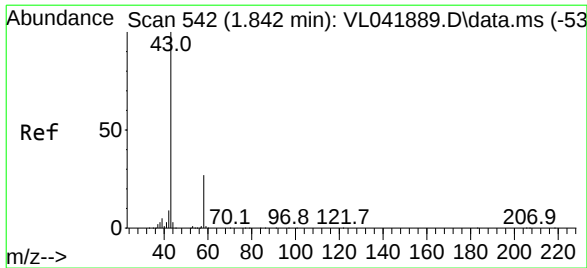
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#14
Bromoethene
Concen: 9.759 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.006 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

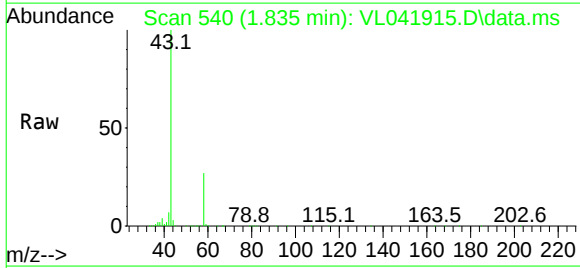
Tgt Ion:108 Resp: 53044
Ion Ratio Lower Upper
108 100
106 107.0 85.5 128.3
79 19.1 15.3 22.9





#15
Acetone
Concen: 9.058 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.007 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

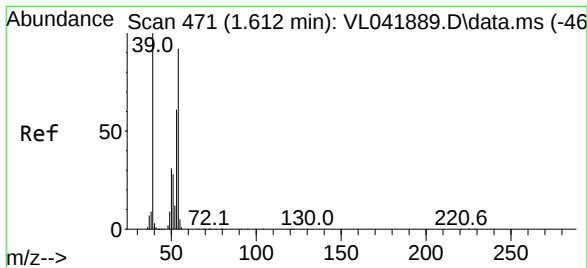
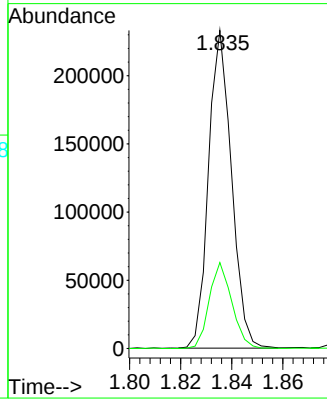
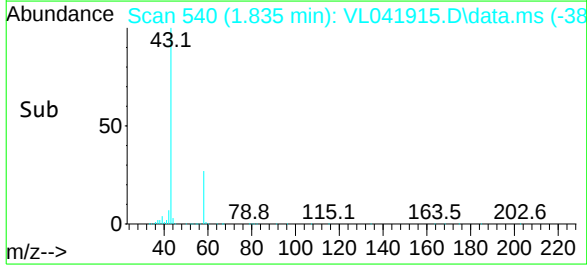
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 145440
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9

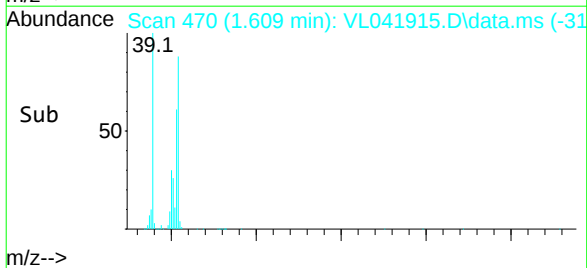
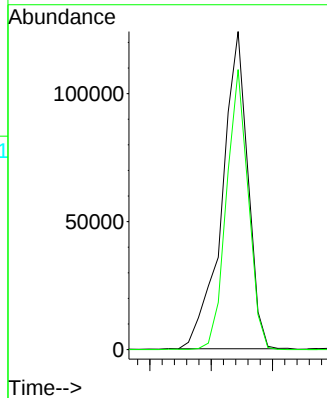
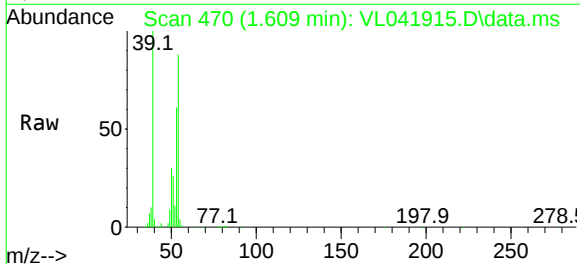
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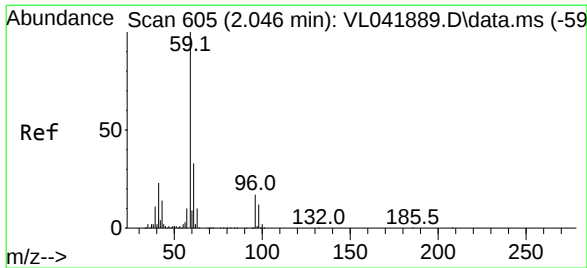
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#16
1,3-Butadiene
Concen: 10.103 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 39 Resp: 72808
Ion Ratio Lower Upper
39 100
54 74.1 61.6 92.4





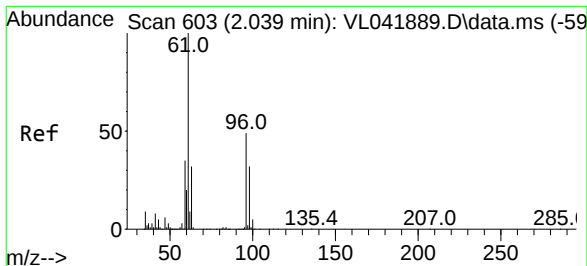
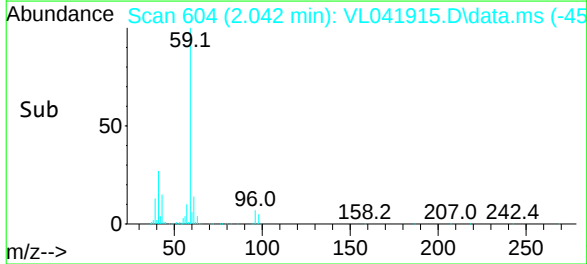
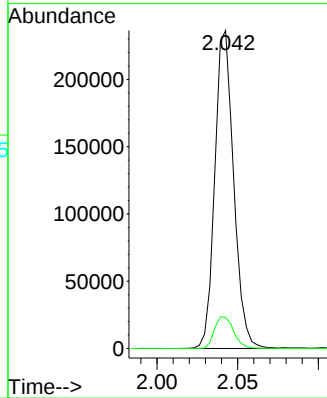
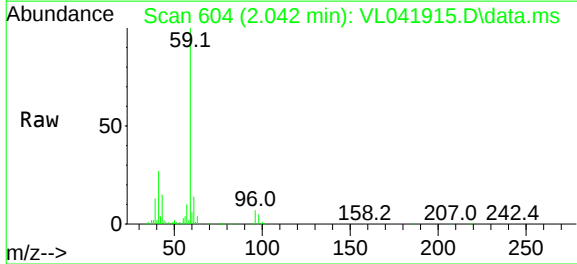
#17
tert-Butyl alcohol
Concen: 9.717 ppbv
RT: 2.042 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 192032
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

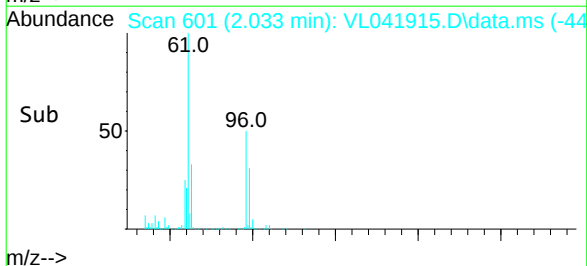
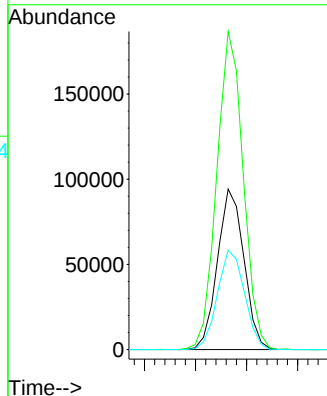
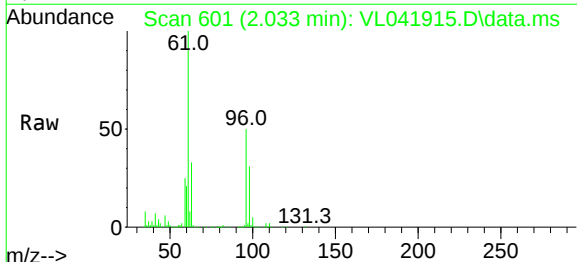
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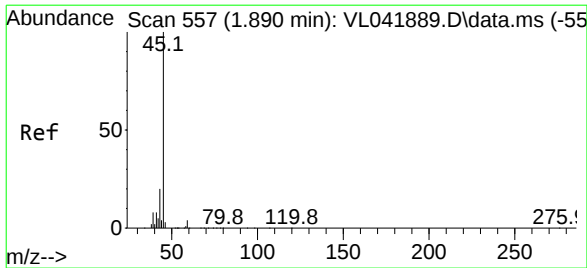
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#18
1,1-Dichloroethene
Concen: 10.162 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.006 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 96 Resp: 67994
Ion Ratio Lower Upper
96 100
61 198.0 163.1 244.7
98 61.9 52.7 79.1





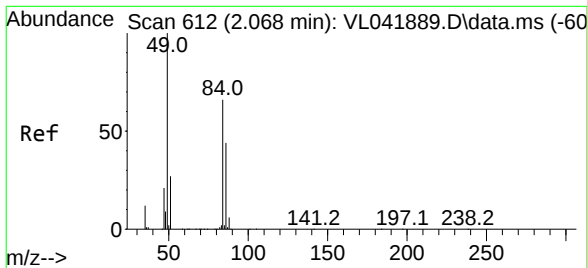
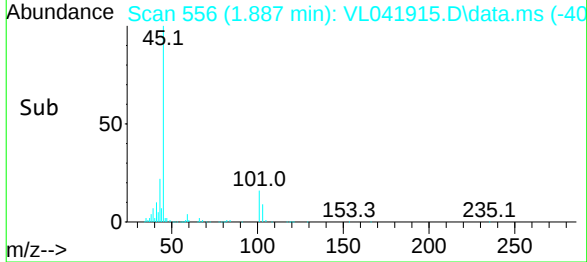
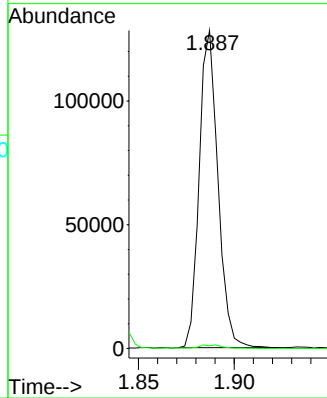
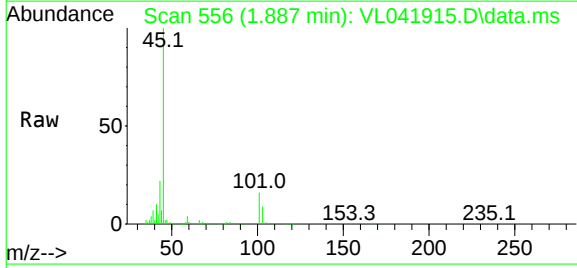
#19
Isopropyl Alcohol
Concen: 9.145 ppbv
RT: 1.887 min Scan# 557
Delta R.T. -0.003 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 87066
Ion Ratio Lower Upper
45 100
58 44.5 35.0 52.6

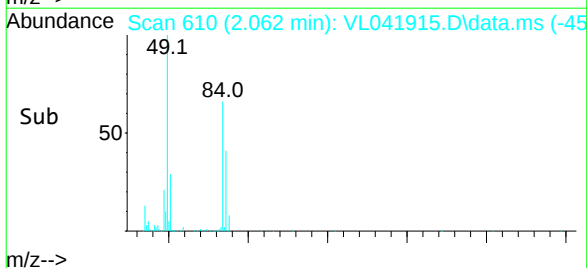
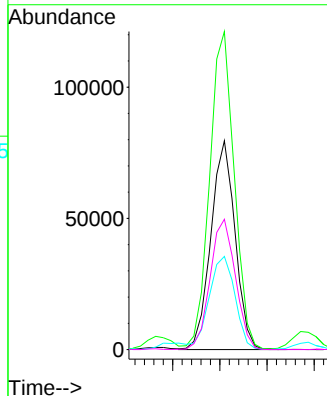
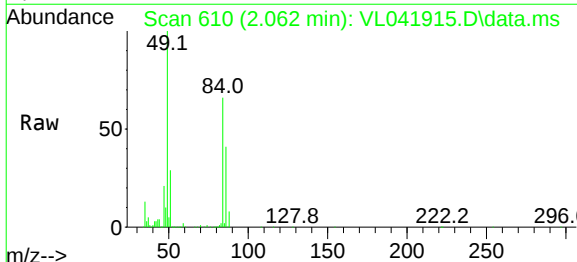
Manual Integrations
APPROVED

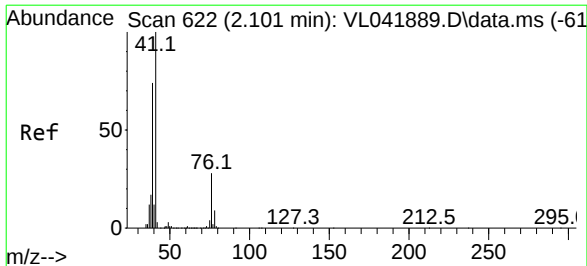
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#20
Methylene Chloride
Concen: 8.968 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.006 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 84 Resp: 56906
Ion Ratio Lower Upper
84 100
49 151.7 123.1 184.7
51 44.3 35.8 53.8
86 62.4 53.7 80.5





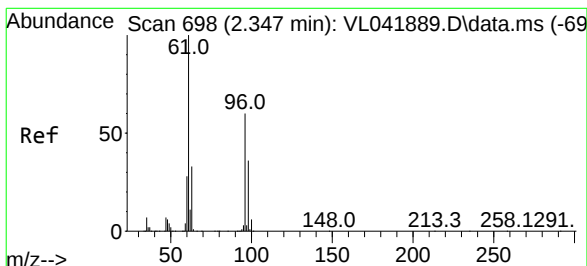
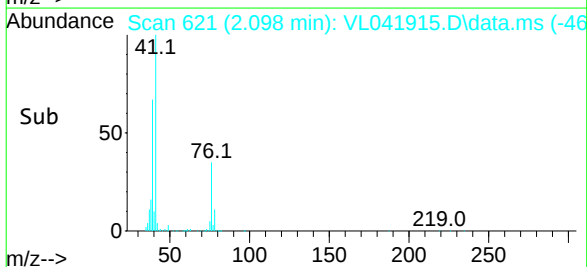
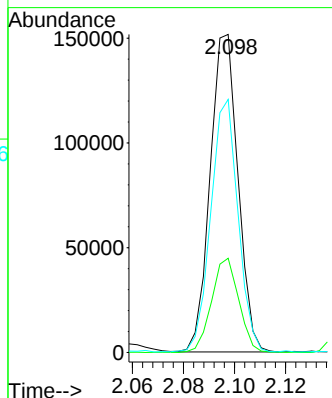
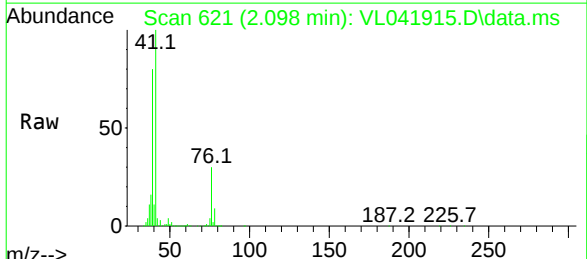
#21
 Allyl Chloride
 Concen: 10.359 ppbv
 RT: 2.098 min Scan# 621
 Delta R.T. -0.003 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 115171
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.2 36.4
 39 77.4 60.6 91.0

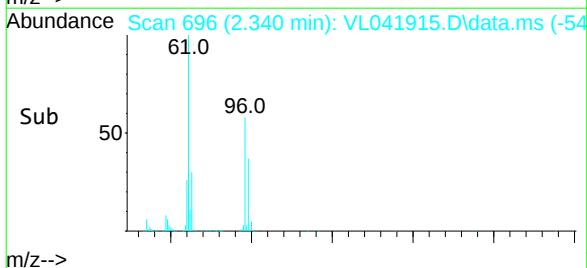
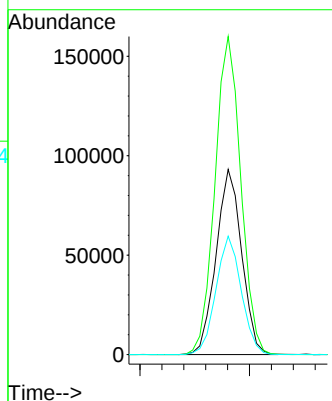
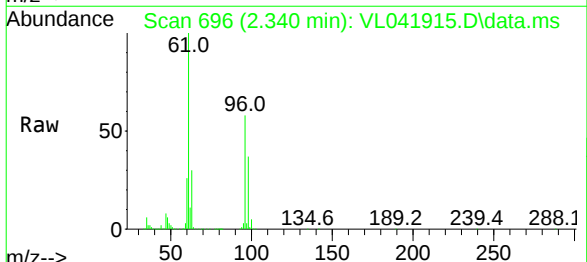
Manual Integrations
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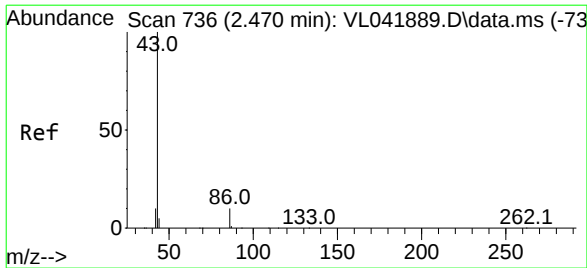
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.045 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

Tgt Ion: 96 Resp: 75854
 Ion Ratio Lower Upper
 96 100
 61 171.8 134.5 201.7
 98 64.0 48.9 73.3





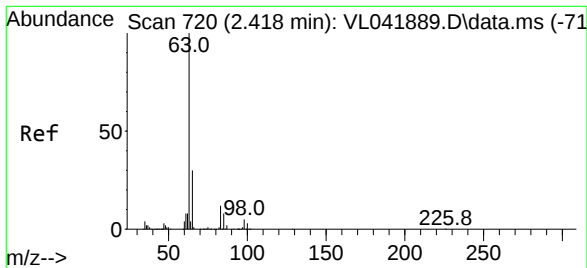
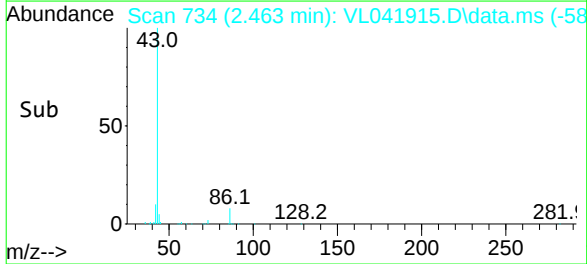
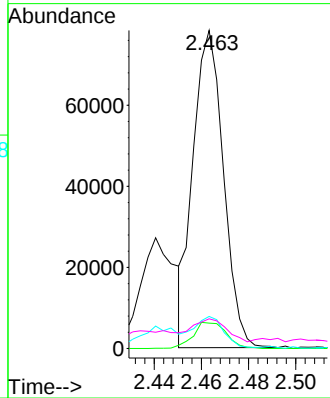
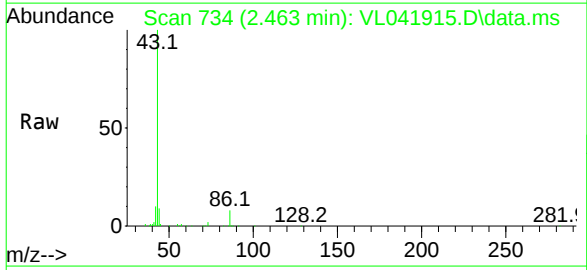
#23
 Vinyl Acetate
 Concen: 10.004 ppbv
 RT: 2.463 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:	43	Resp:	69936
Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.2	9.4
42	9.8	8.5	12.7
44	6.2	4.8	7.2

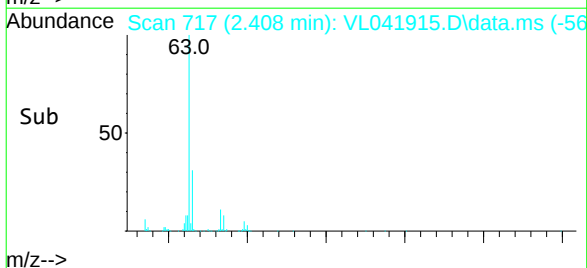
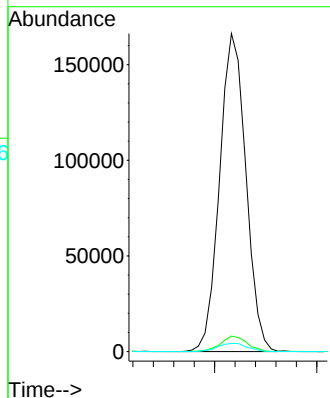
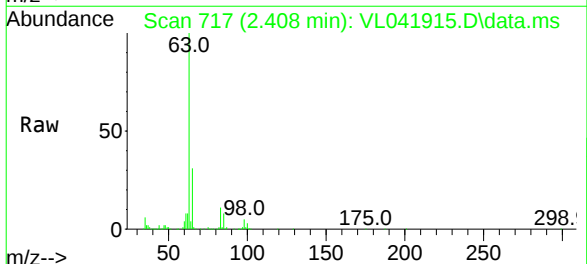
Manual Integrations
 APPROVED

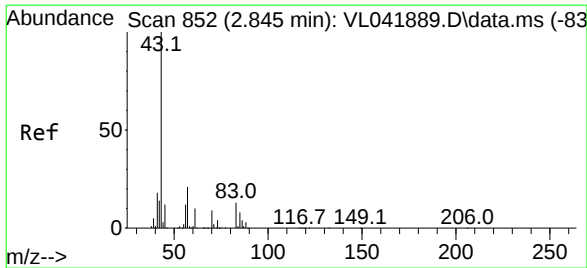
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#24
 1,1-Dichloroethane
 Concen: 10.175 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.010 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

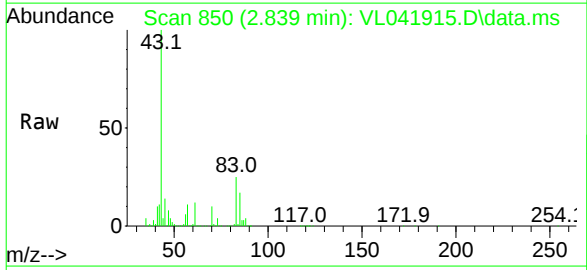
Tgt Ion:	63	Resp:	148619
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.6	7.8
100	2.7	1.4	4.2





#25
Ethyl Acetate
Concen: 10.325 ppbv
RT: 2.839 min Scan# 85
Delta R.T. -0.006 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

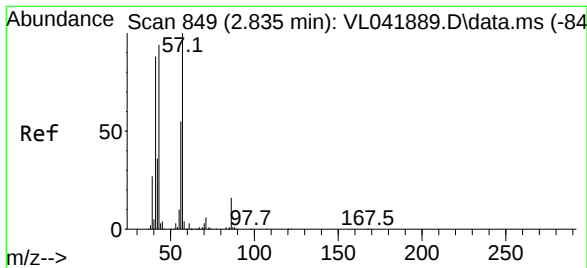
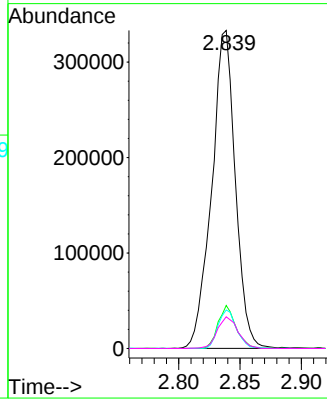
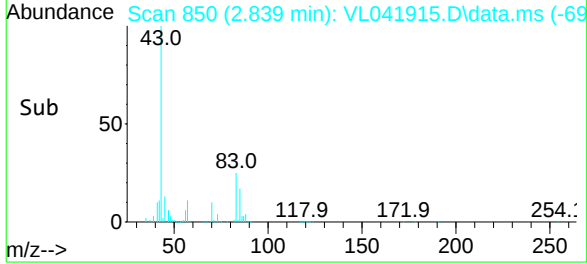
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



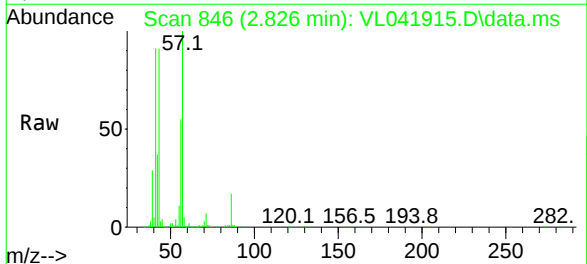
Tgt Ion:	43	Resp:	447057
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	9.5	7.4	11.0
70	8.7	7.0	10.4

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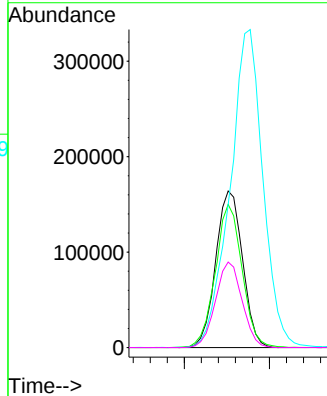
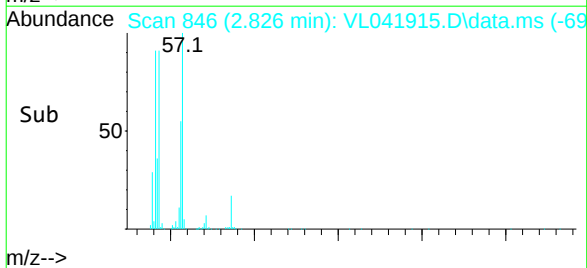
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

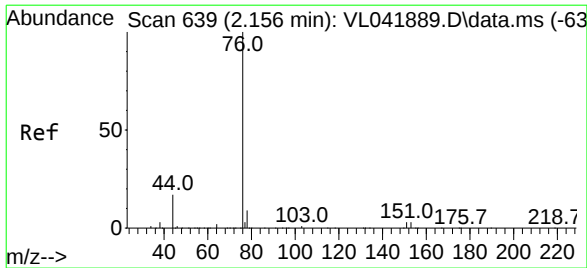


#26
Hexane
Concen: 10.464 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37



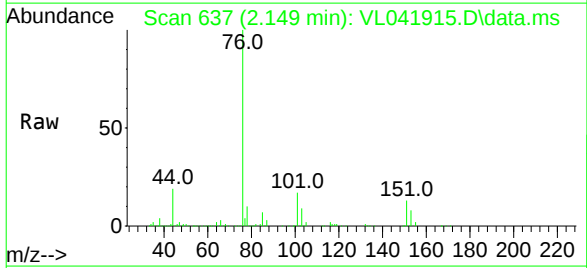
Tgt Ion:	57	Resp:	179182
Ion	Ratio	Lower	Upper
57	100		
41	91.7	73.8	110.8
43	250.8	197.3	295.9
56	54.2	42.7	64.1





#27
Carbon Disulfide
Concen: 10.488 ppbv
RT: 2.149 min Scan# 639
Delta R.T. -0.006 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

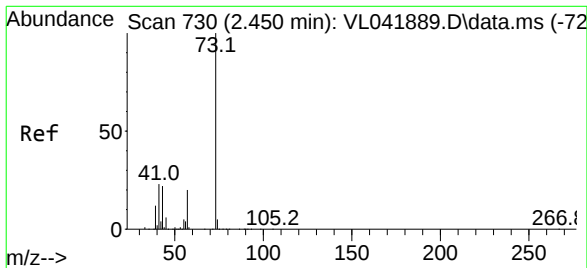
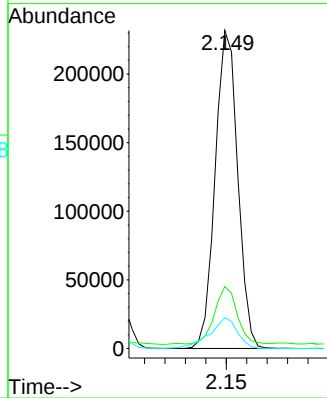
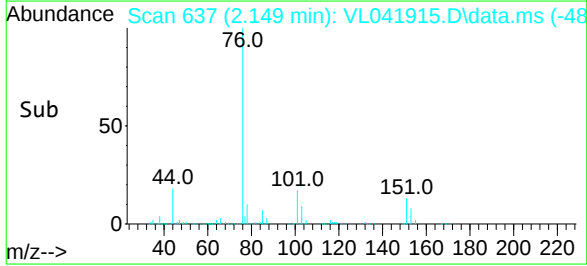
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 177726
Ion Ratio Lower Upper
76 100
44 18.7 15.4 23.0
78 11.8 9.3 13.9

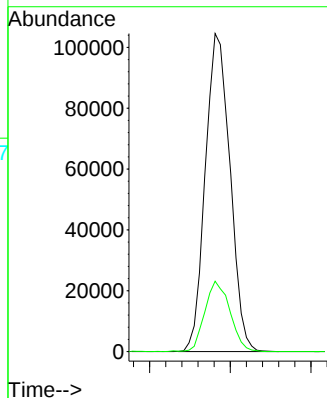
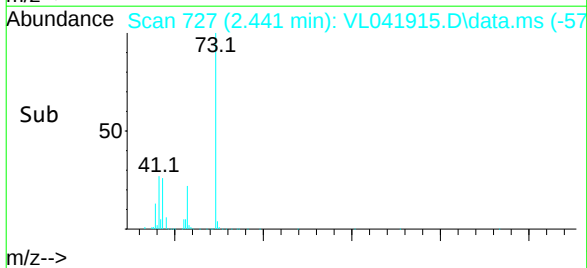
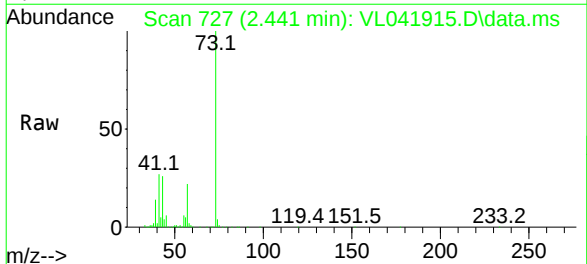
Manual Integrations
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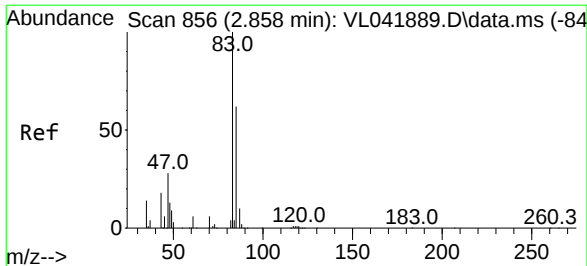
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#28
Methyl tert-Butyl Ether
Concen: 8.507 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 73 Resp: 111344
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1





#29

Chloroform

Concen: 10.483 ppbv

RT: 2.848 min Scan# 85

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 283771

Ion Ratio Lower Upper

83 100

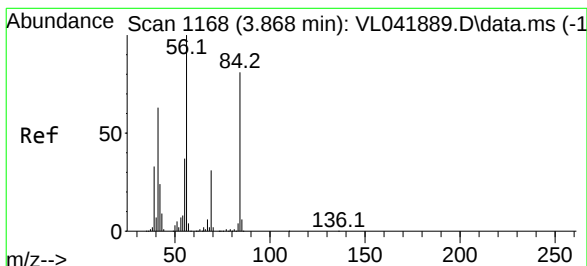
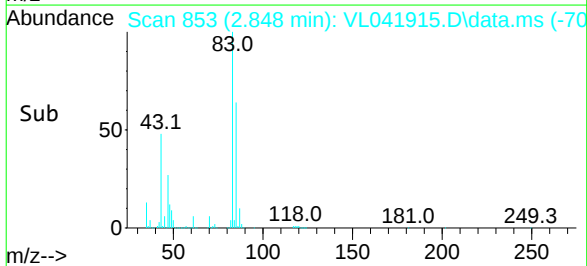
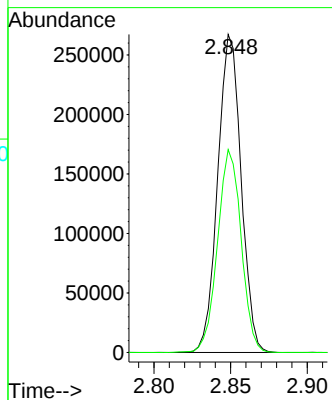
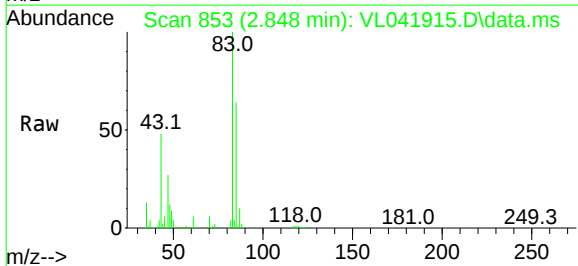
85 63.8 50.1 75.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#30

Cyclohexane

Concen: 10.240 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

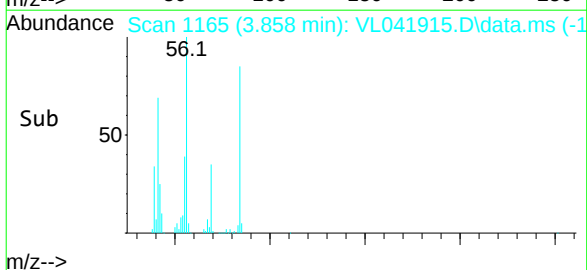
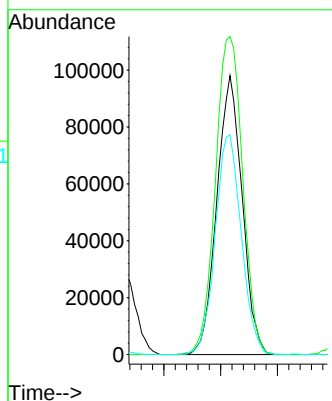
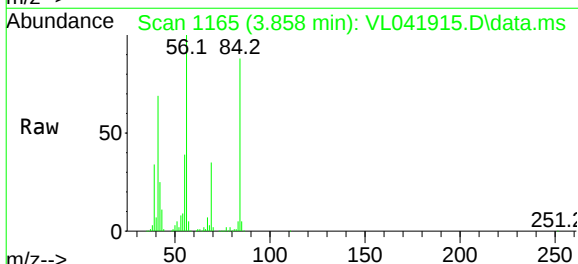
Tgt Ion: 84 Resp: 152094

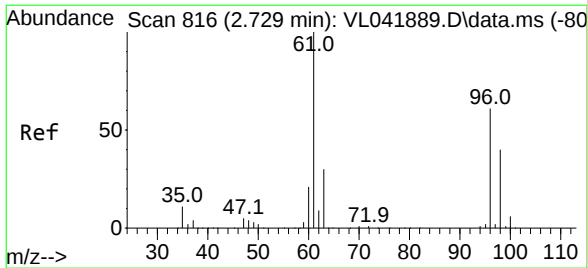
Ion Ratio Lower Upper

84 100

56 122.8 99.3 148.9

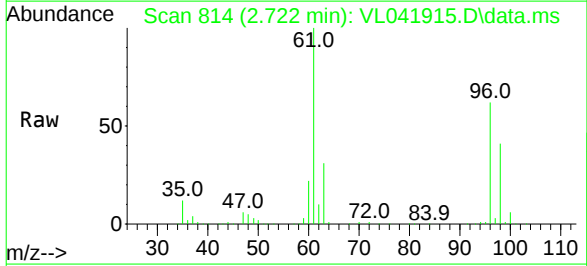
41 81.0 64.3 96.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.106 ppbv
 RT: 2.722 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

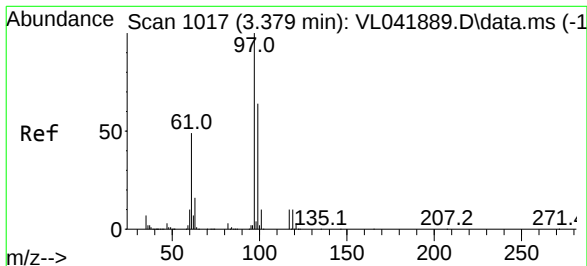
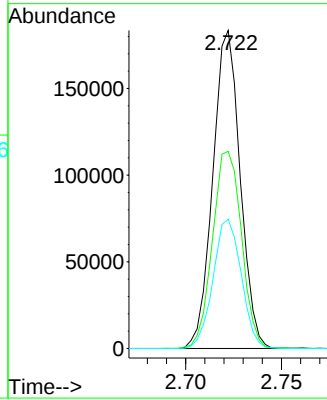
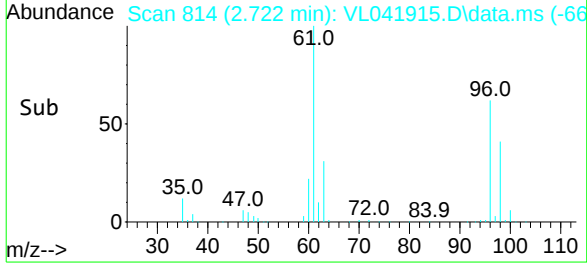
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



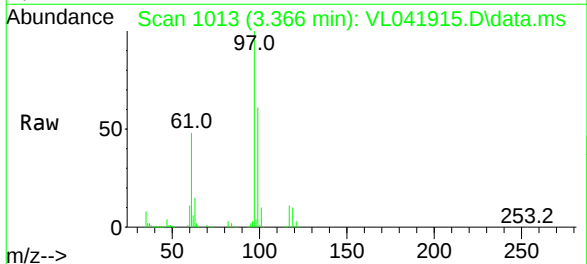
Tgt Ion: 61 Resp: 182222
 Ion Ratio Lower Upper
 61 100
 96 61.9 48.7 73.1
 98 40.6 31.6 47.4

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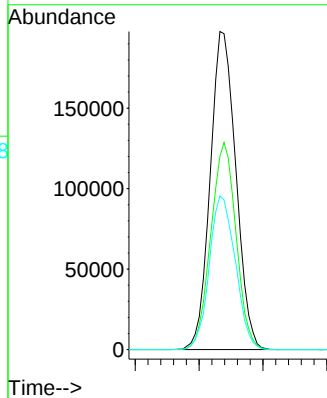
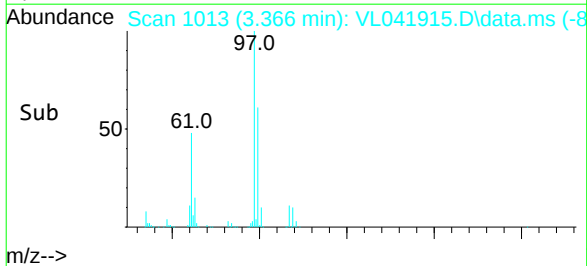
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

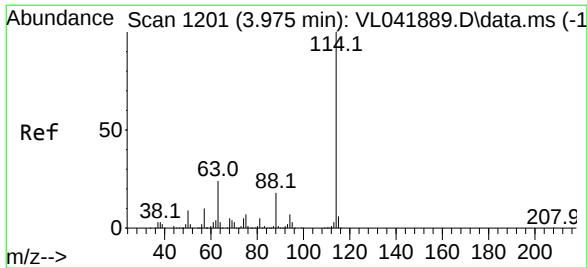


#32
 1,1,1-Trichloroethane
 Concen: 10.659 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.013 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37



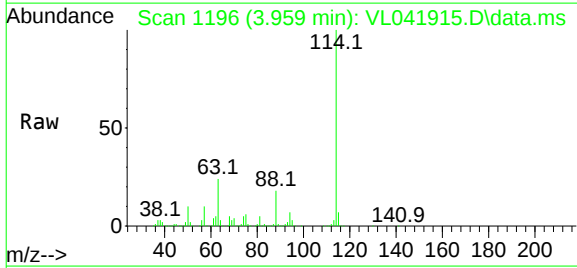
Tgt Ion: 97 Resp: 276080
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.1 76.7
 61 49.0 39.0 58.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

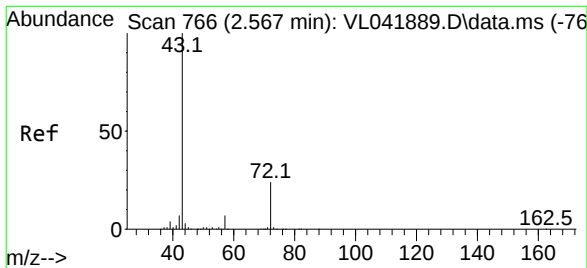
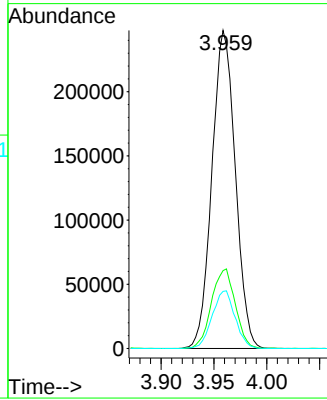
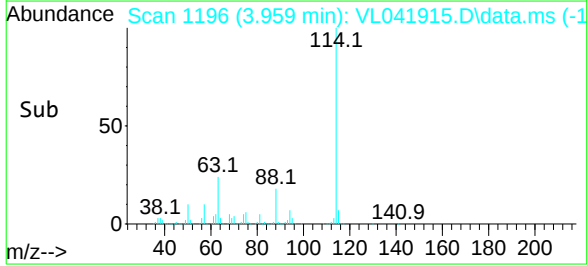
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 114 Resp: 381046
Ion Ratio Lower Upper
114 100
63 25.5 19.8 29.6
88 17.7 14.4 21.6

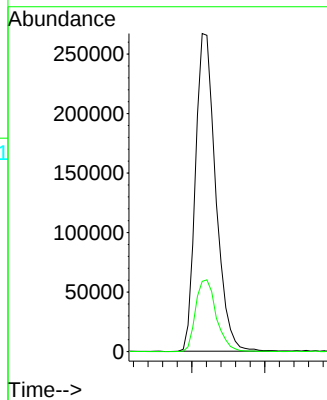
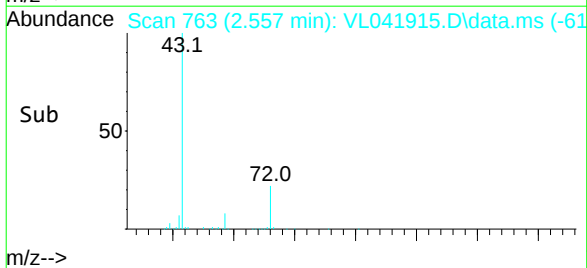
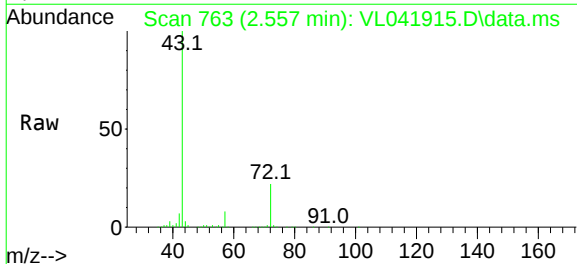
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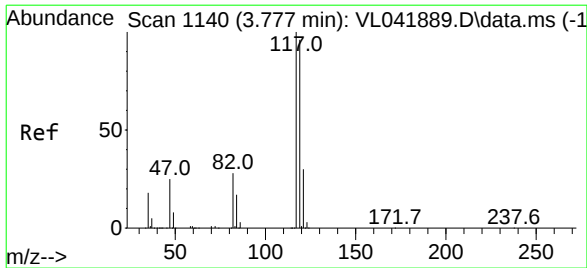
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#34
2-Butanone
Concen: 10.574 ppbv
RT: 2.557 min Scan# 763
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 43 Resp: 256230
Ion Ratio Lower Upper
43 100
72 23.2 18.6 28.0





#35

Carbon Tetrachloride

Concen: 11.560 ppbv

RT: 3.764 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041915.D

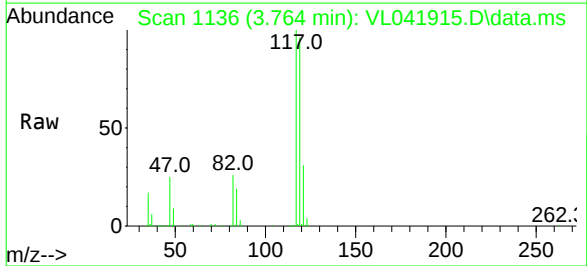
Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

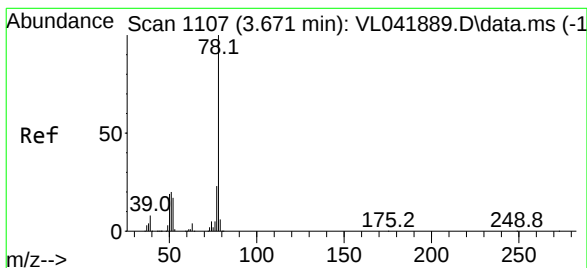
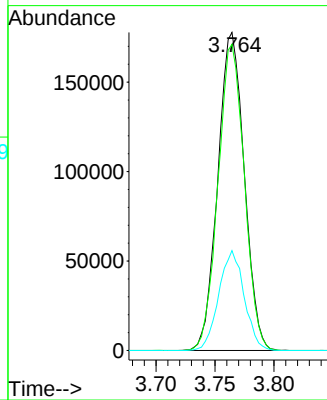
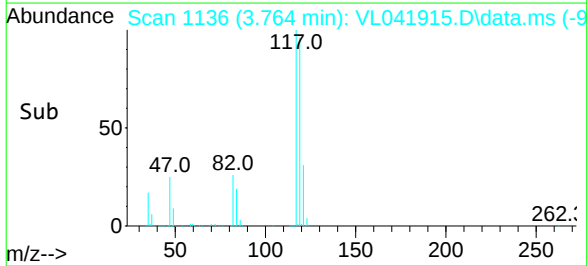


Tgt Ion:	117	Resp:	277215
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.9	115.3
121	31.4	23.8	35.6

Manual Integrations

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



#36

Benzene

Concen: 10.511 ppbv

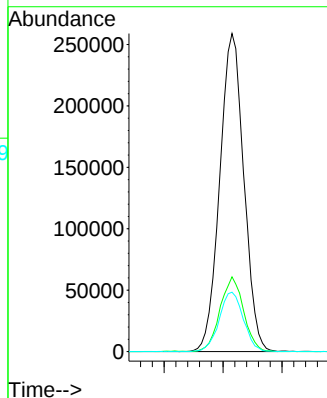
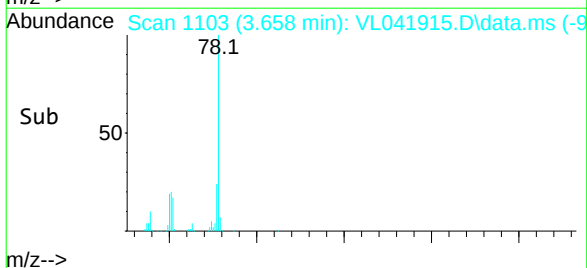
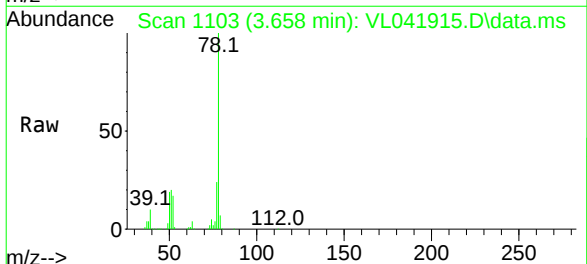
RT: 3.658 min Scan# 1103

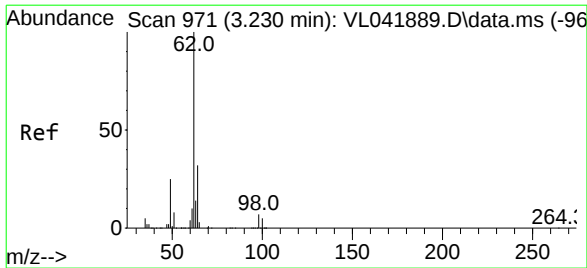
Delta R.T. -0.013 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

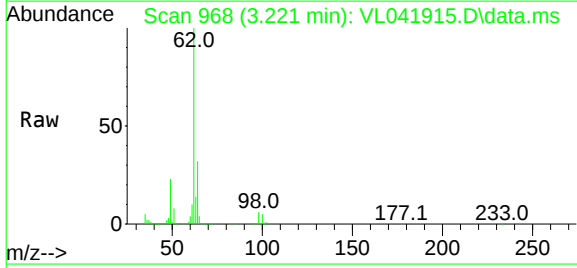
Tgt Ion:	78	Resp:	367339
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.1	27.1
50	18.7	15.2	22.8





#37
1,2-Dichloroethane
Concen: 10.727 ppbv
RT: 3.221 min Scan# 96
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

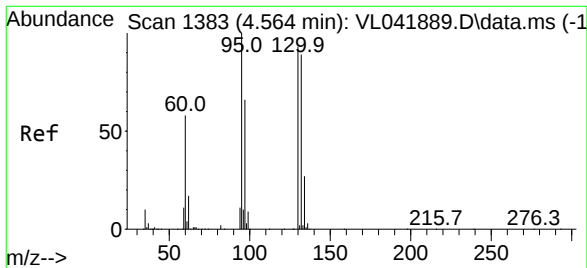
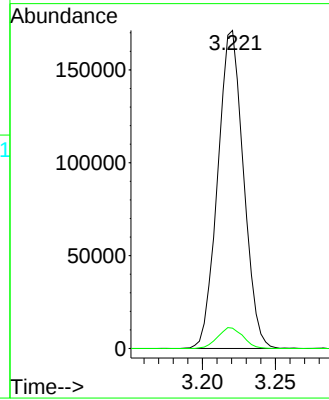
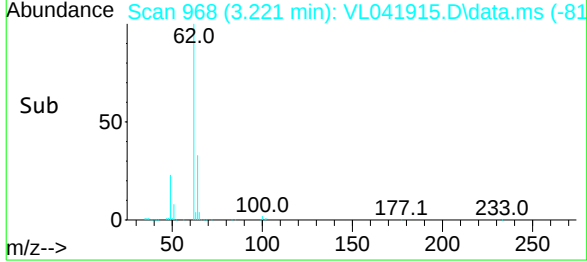
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 210552
Ion Ratio Lower Upper
62 100
98 6.4 5.4 8.0

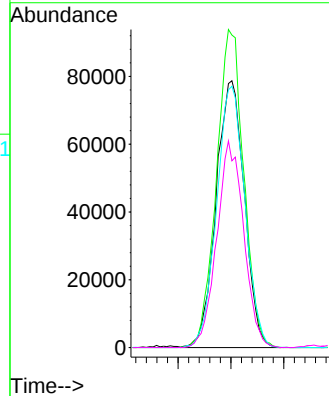
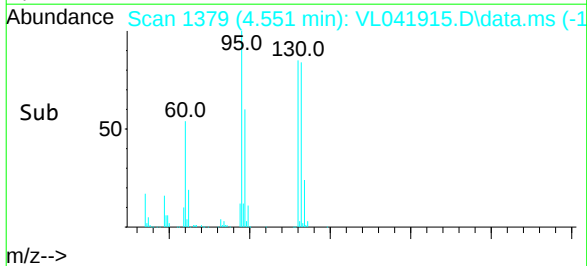
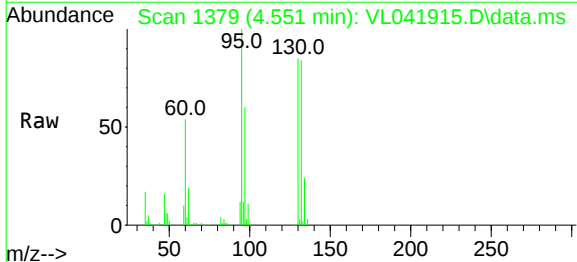
Manual Integrations
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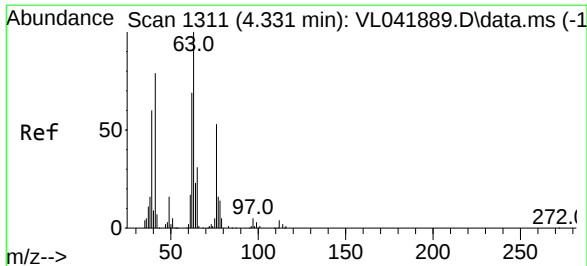
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Trichloroethene
Concen: 10.517 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion:130 Resp: 145917
Ion Ratio Lower Upper
130 100
95 117.0 85.8 128.8
132 97.9 76.5 114.7
97 70.0 56.8 85.2





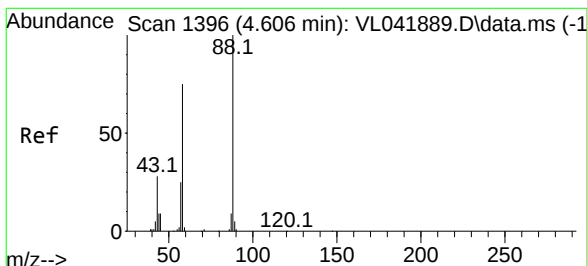
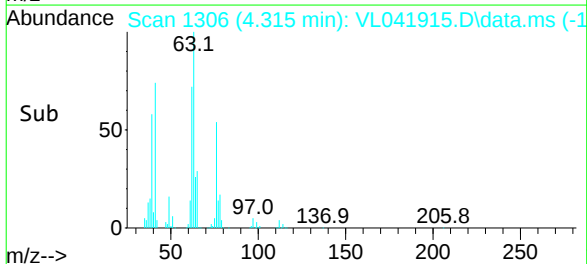
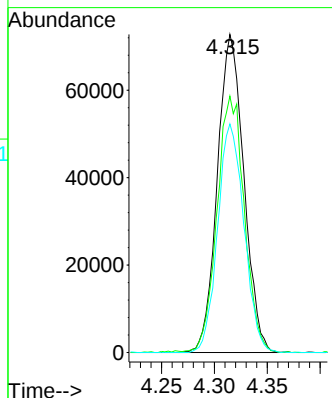
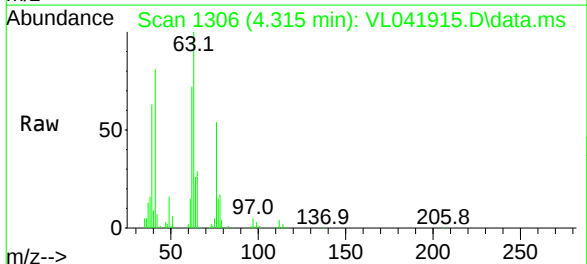
#39
1,2-Dichloropropane
Concen: 10.350 ppbv
RT: 4.315 min Scan# 1311
Delta R.T. -0.016 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 126885
Ion Ratio Lower Upper
63 100
41 80.4 63.7 95.5
62 71.9 55.4 83.2

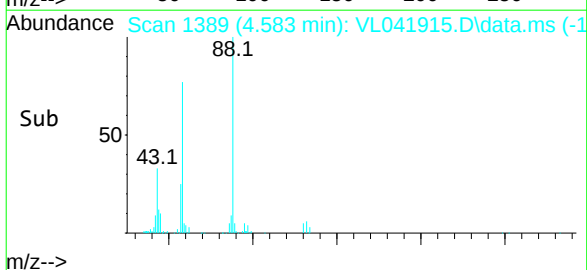
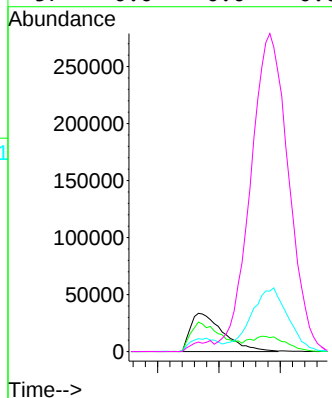
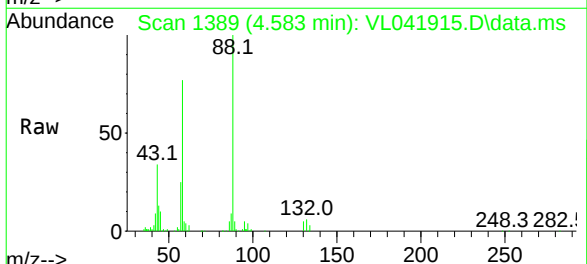
Manual Integrations
APPROVED

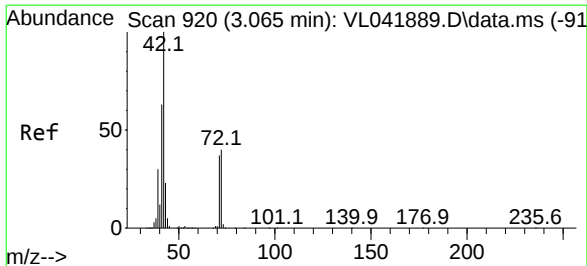
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#40
1,4-Dioxane
Concen: 10.137 ppbv
RT: 4.583 min Scan# 1389
Delta R.T. -0.023 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 88 Resp: 62719
Ion Ratio Lower Upper
88 100
58 67.8 62.1 93.1
43 29.4 0.0 0.0#
57 0.0 0.0 0.0





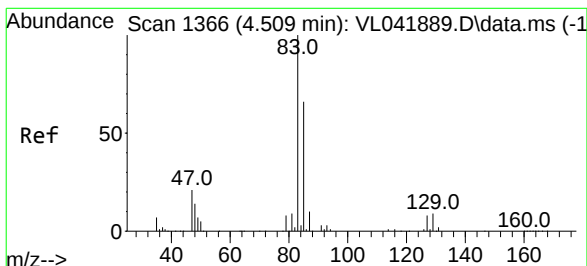
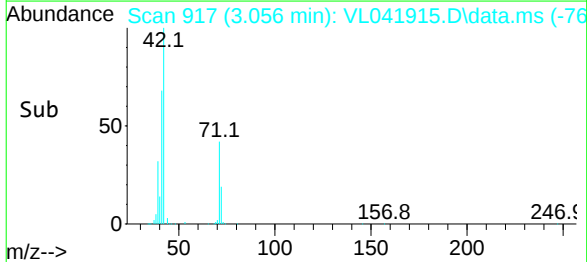
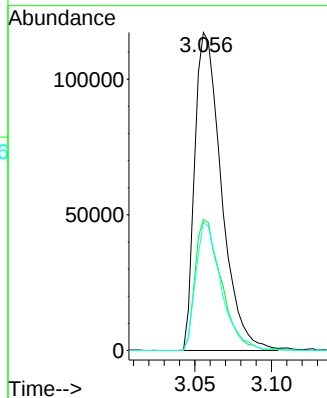
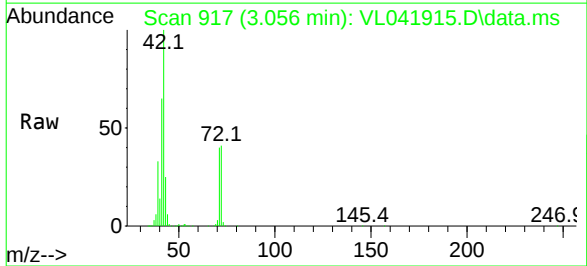
#41
Tetrahydrofuran
Concen: 10.753 ppbv
RT: 3.056 min Scan# 917
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 142078
Ion Ratio Lower Upper
42 100
72 40.4 32.3 48.5
71 38.7 29.9 44.9

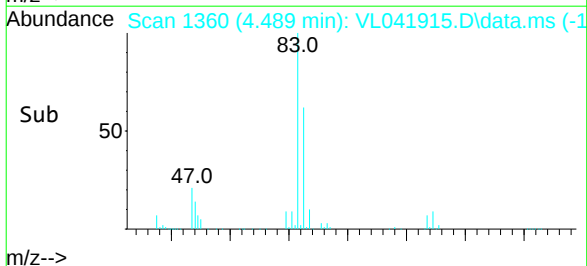
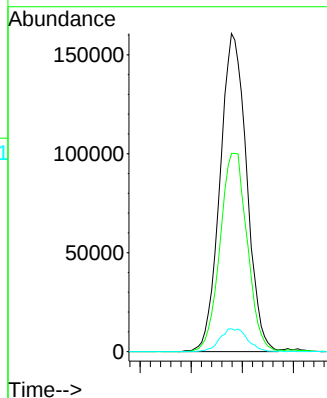
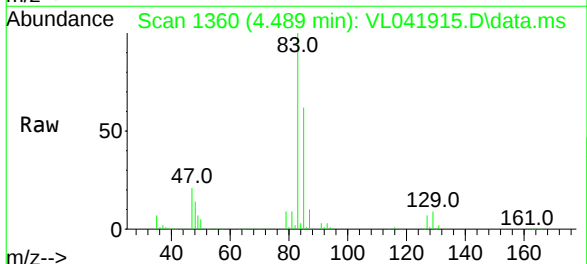
Manual Integrations
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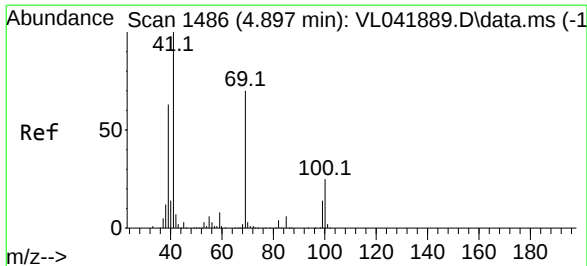
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#42
Bromodichloromethane
Concen: 11.052 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.019 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

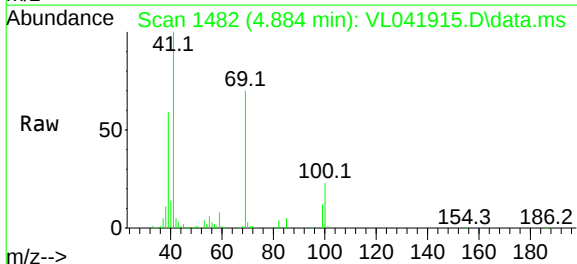
Tgt Ion: 83 Resp: 290849
Ion Ratio Lower Upper
83 100
85 62.3 52.6 78.8
127 7.2 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.993 ppbv
RT: 4.884 min Scan# 1486
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

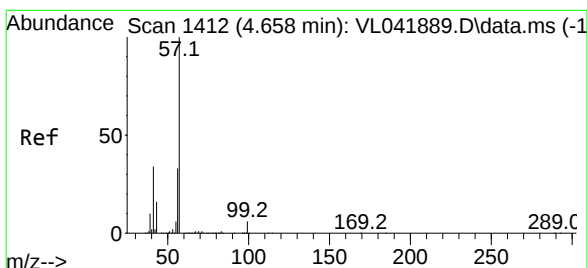
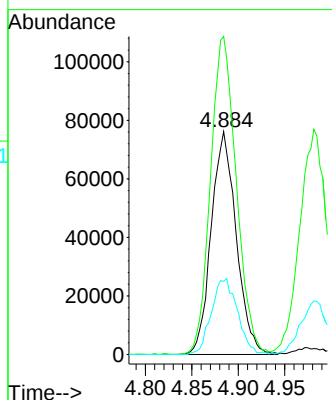
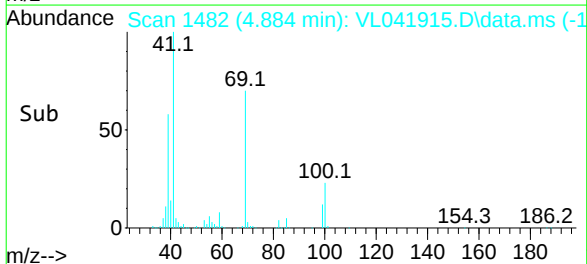
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



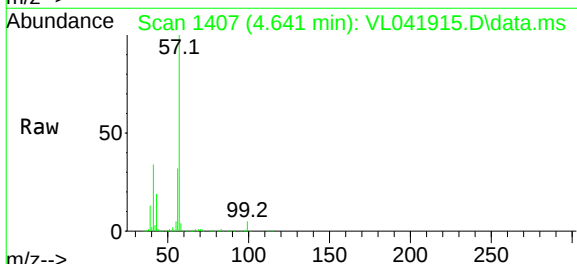
Tgt Ion: 69 Resp: 142726
Ion Ratio Lower Upper
69 100
41 147.1 118.6 177.8
100 35.6 29.3 43.9

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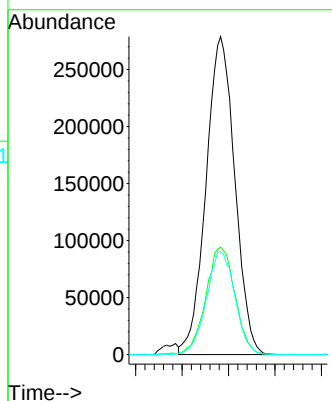
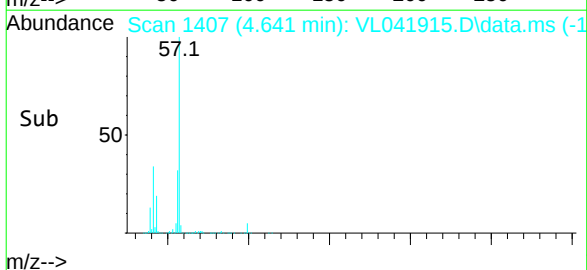
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

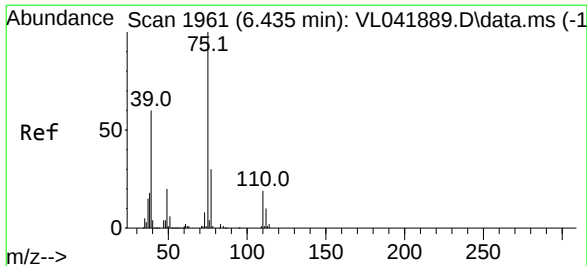


#44
2,2,4-Trimethylpentane
Concen: 10.617 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. -0.016 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37



Tgt Ion: 57 Resp: 600177
Ion Ratio Lower Upper
57 100
41 34.5 26.6 40.0
56 32.3 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 11.285 ppbv

RT: 6.418 min Scan# 19

Delta R.T. -0.016 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 137142

Ion Ratio Lower Upper

75 100

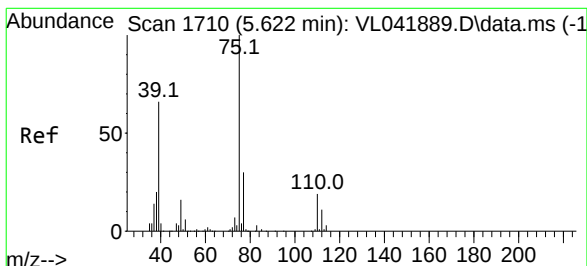
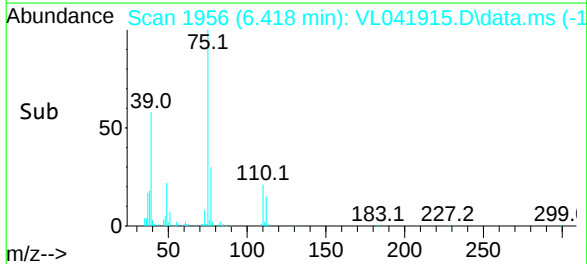
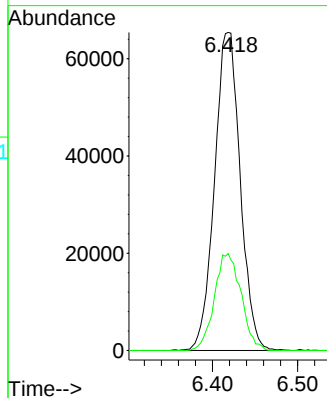
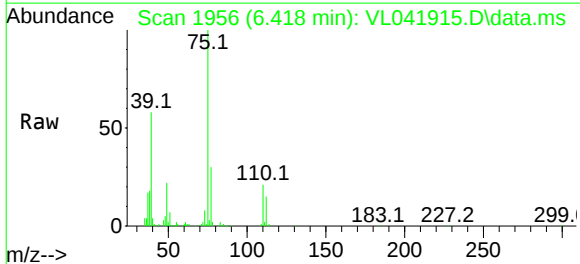
77 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#46

cis-1,3-Dichloropropene

Concen: 11.208 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. -0.023 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

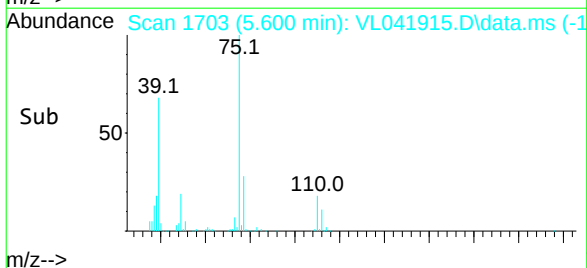
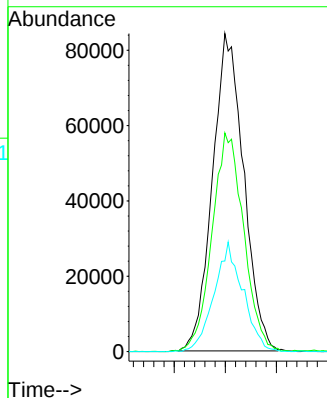
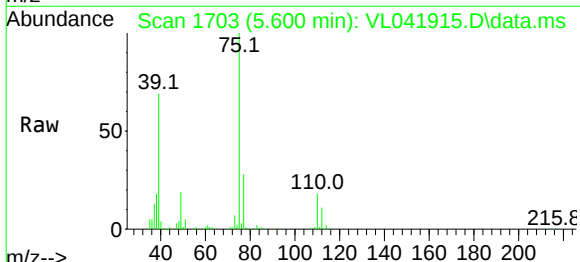
Tgt Ion: 75 Resp: 178837

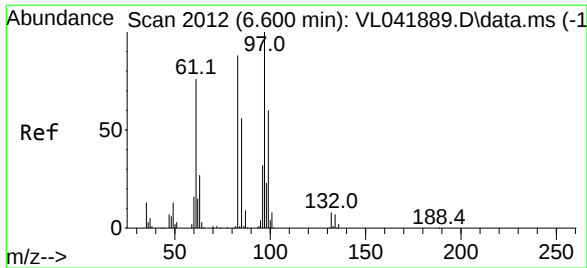
Ion Ratio Lower Upper

75 100

39 68.6 53.1 79.7

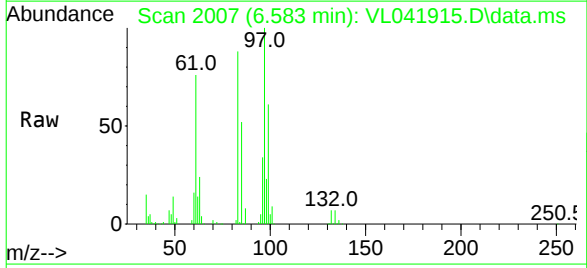
77 28.4 23.8 35.8





#47
1,1,2-Trichloroethane
Concen: 10.726 ppbv
RT: 6.583 min Scan# 2012
Delta R.T. -0.016 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

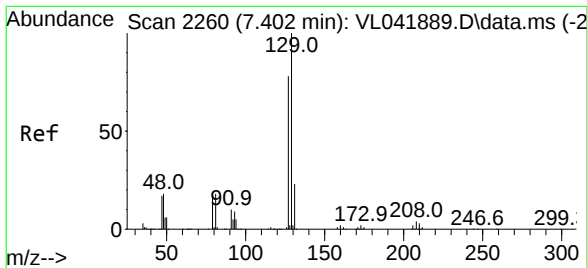
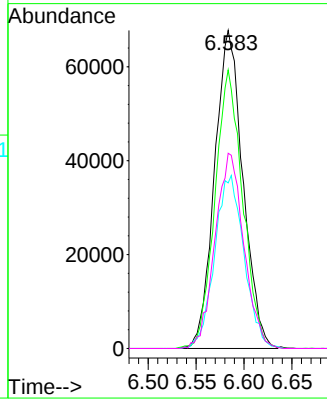
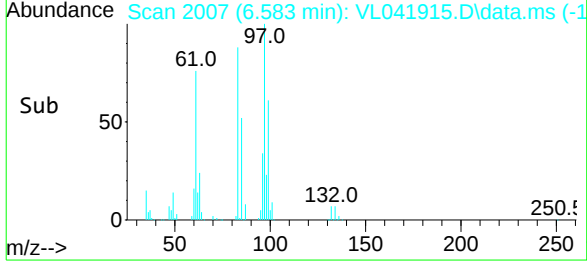
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 139382
Ion Ratio Lower Upper
97 100
83 87.3 70.4 105.6
85 52.0 45.0 67.4
99 61.4 48.1 72.1

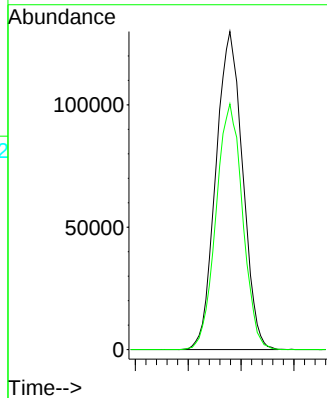
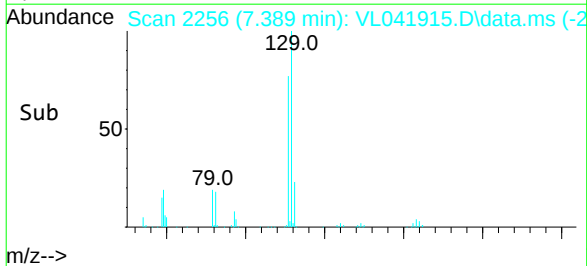
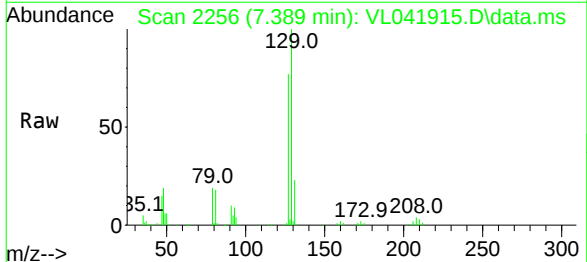
Manual Integrations
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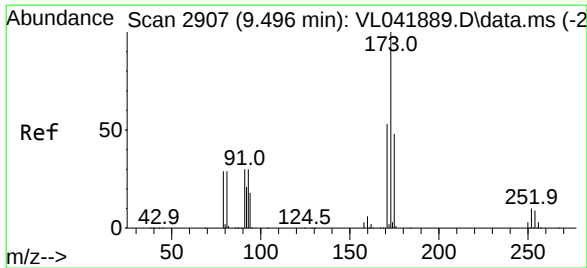
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#48
Dibromochloromethane
Concen: 11.433 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion:129 Resp: 229205
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.8





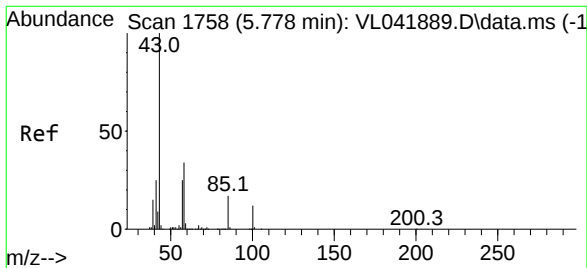
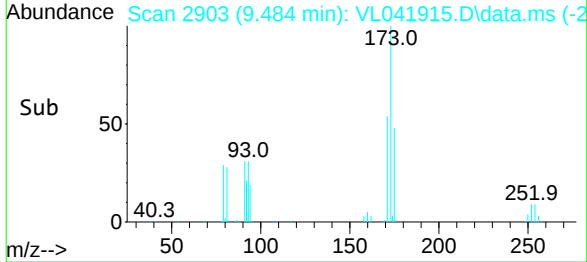
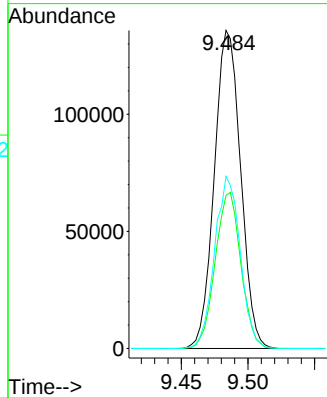
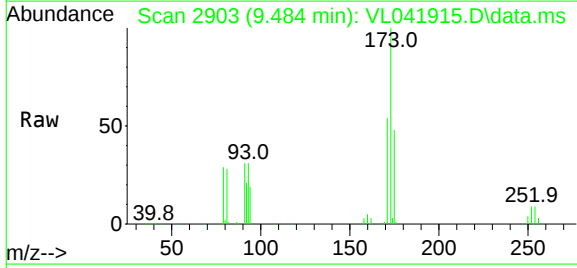
#49
Bromoform
Concen: 11.311 ppbv
RT: 9.484 min Scan# 2907
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 173 Resp: 186276
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
171 52.6 41.4 62.2

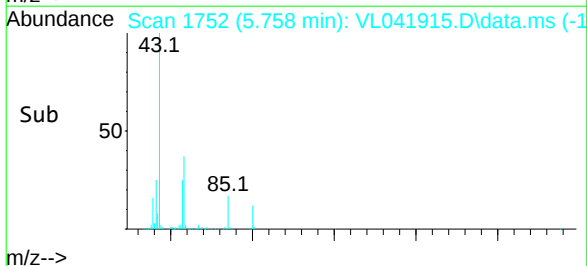
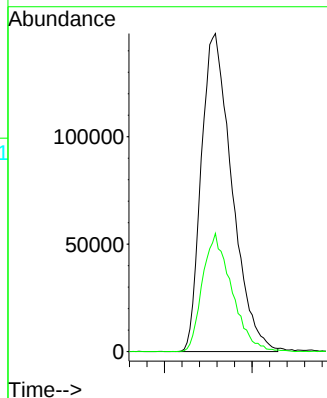
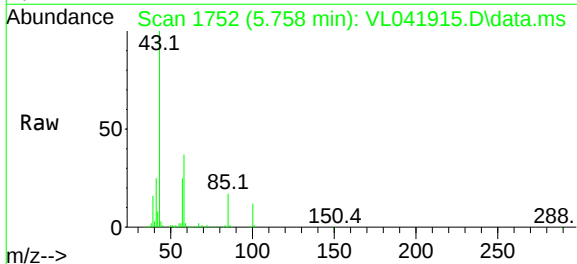
Manual Integrations
APPROVED

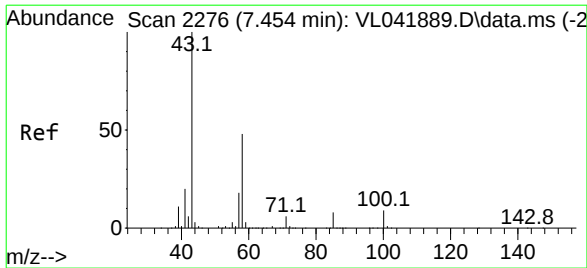
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#50
4-Methyl-2-Pentanone
Concen: 10.897 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. -0.019 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

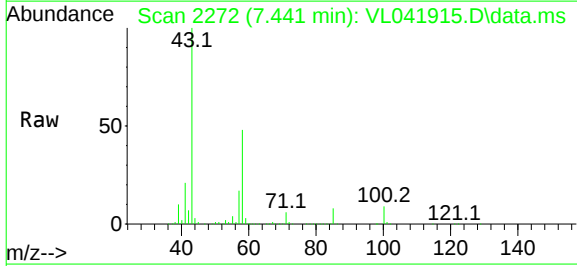
Tgt Ion: 43 Resp: 359777
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.6





#51
2-Hexanone
Concen: 11.321 ppbv
RT: 7.441 min Scan# 2276
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

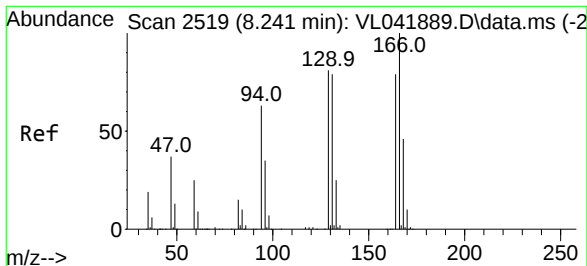
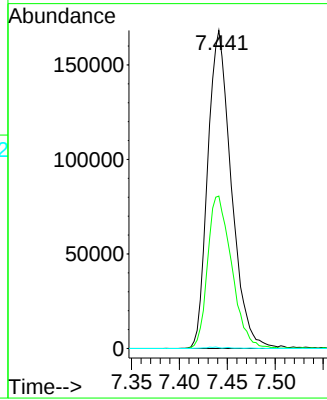
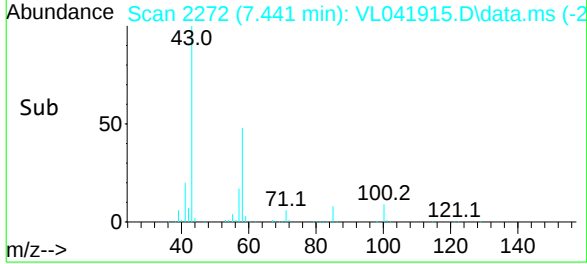
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



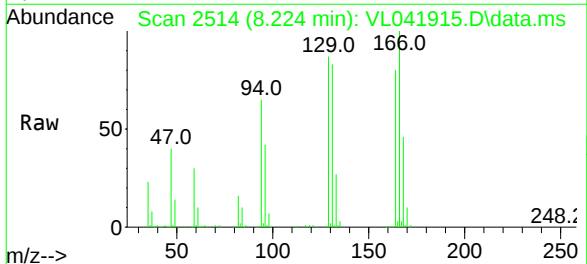
Tgt Ion: 43 Resp: 287760
Ion Ratio Lower Upper
43 100
58 48.9 40.4 60.6
98 0.4 0.2 0.2

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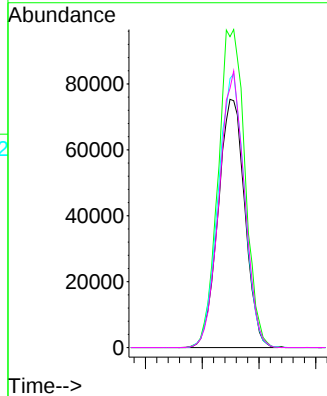
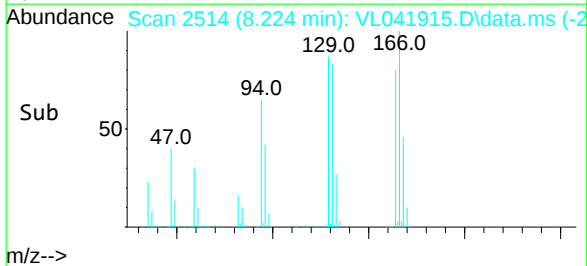
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

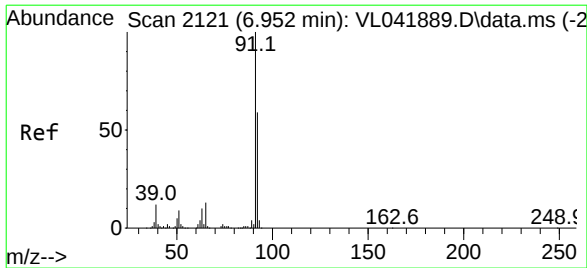


#52
Tetrachloroethene
Concen: 10.136 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.016 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37



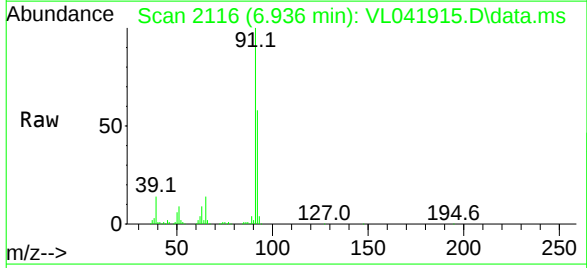
Tgt Ion:164 Resp: 122829
Ion Ratio Lower Upper
164 100
166 125.2 100.8 151.2
129 108.4 82.0 123.0
131 104.4 80.2 120.2





#53
Toluene
Concen: 10.873 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.016 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

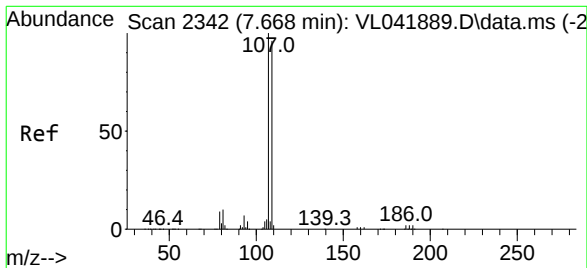
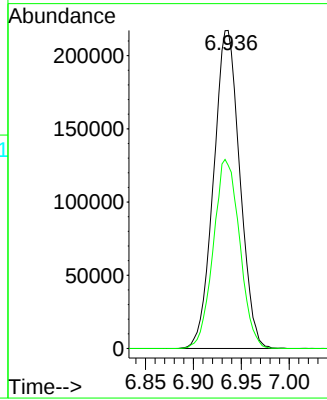
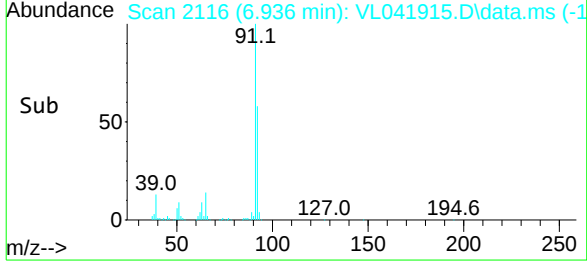
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



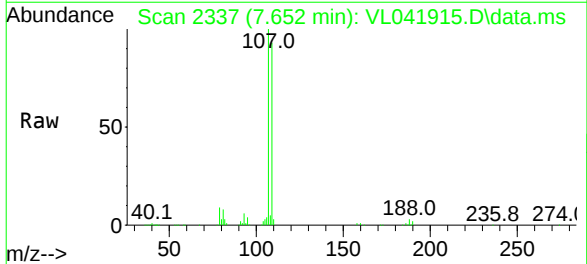
Tgt Ion: 91 Resp: 413947
Ion Ratio Lower Upper
91 100
92 59.8 47.4 71.0

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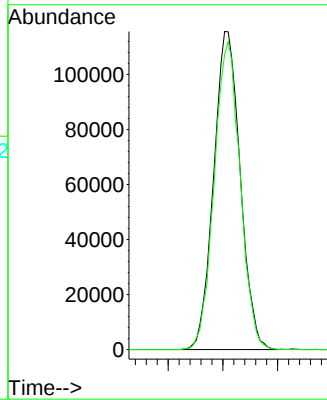
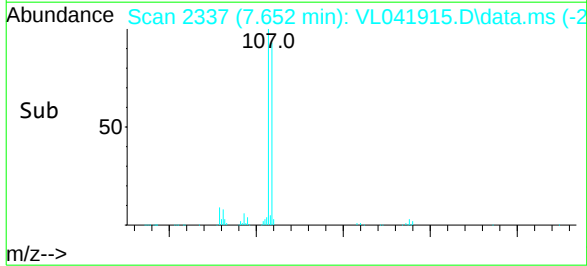
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

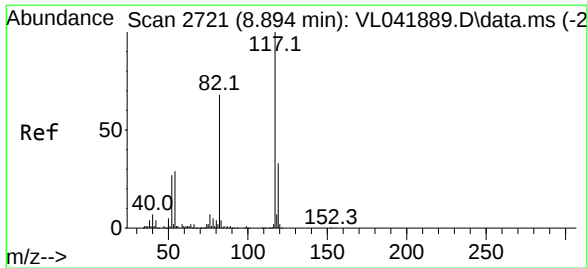


#54
1,2-Dibromoethane
Concen: 10.896 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.016 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37



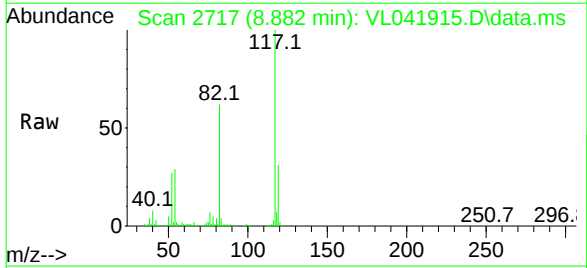
Tgt Ion:107 Resp: 194641
Ion Ratio Lower Upper
107 100
109 92.8 76.7 115.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

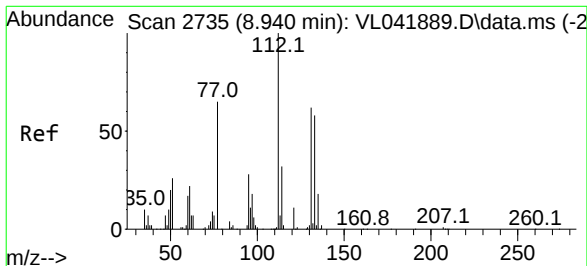
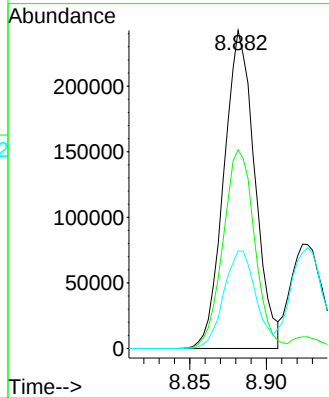
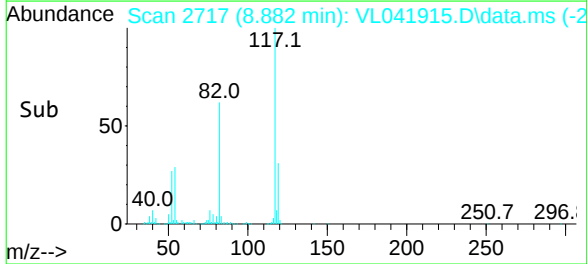
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



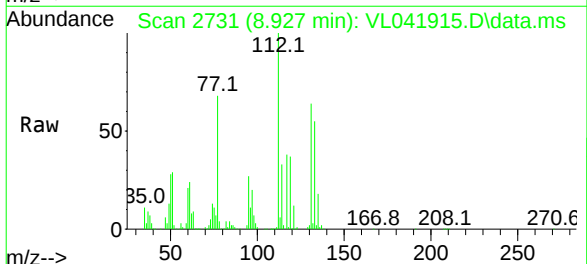
Tgt Ion:117 Resp: 340533
Ion Ratio Lower Upper
117 100
82 67.1 54.2 81.4
119 31.7 25.0 37.6

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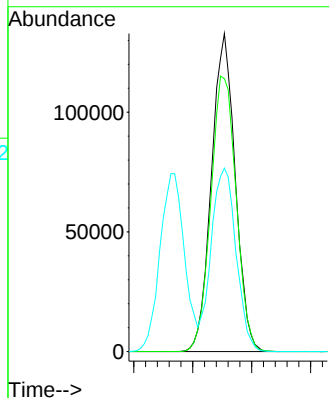
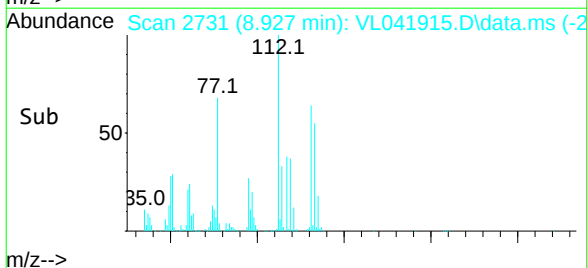
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

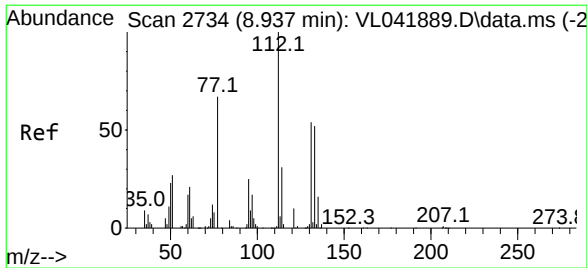


#56
1,1,1,2-Tetrachloroethane
Concen: 10.958 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37



Tgt Ion:131 Resp: 186173
Ion Ratio Lower Upper
131 100
133 92.4 76.0 114.0
119 60.5 49.7 74.5





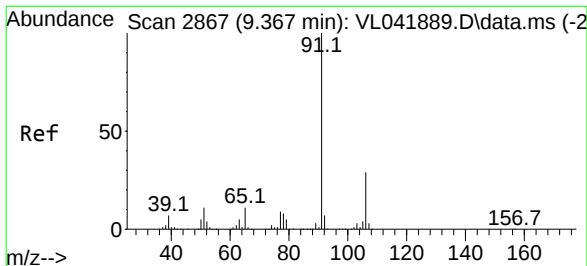
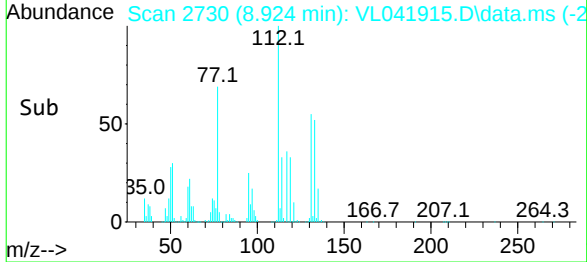
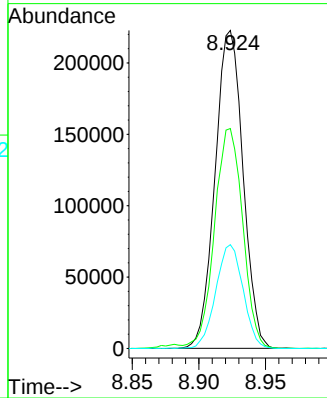
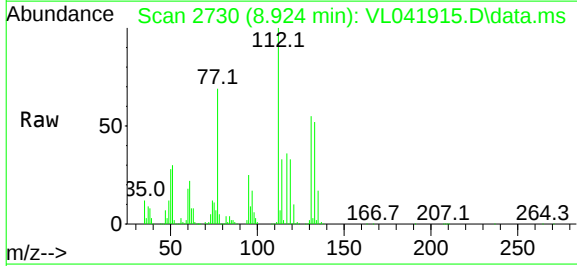
#57
Chlorobenzene
Concen: 10.364 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 112 Resp: 325559
Ion Ratio Lower Upper
112 100
77 69.1 54.6 82.0
114 32.7 28.2 34.4

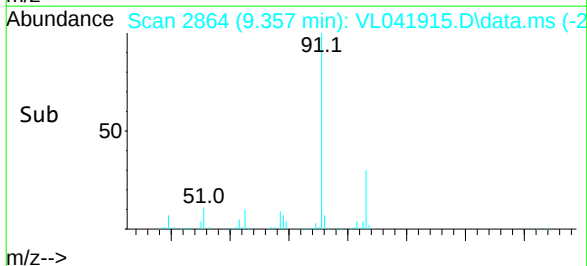
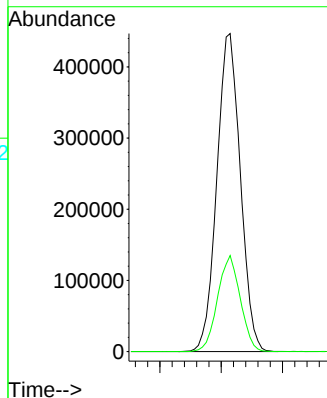
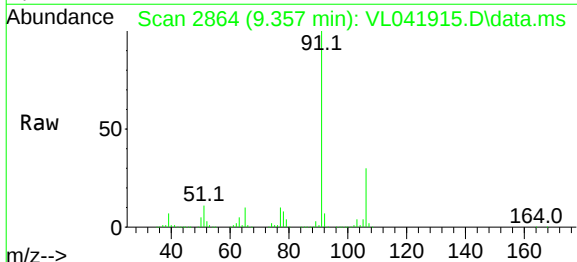
Manual Integrations
APPROVED

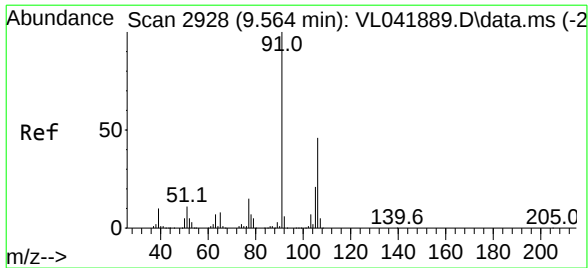
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#58
Ethyl Benzene
Concen: 11.176 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 91 Resp: 594748
Ion Ratio Lower Upper
91 100
106 30.2 23.1 34.7





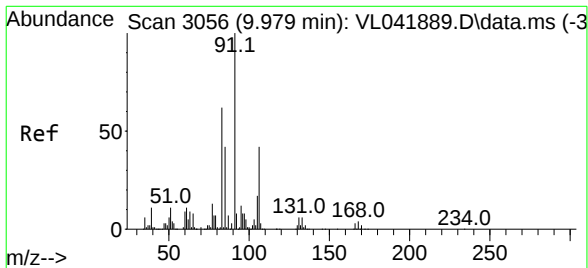
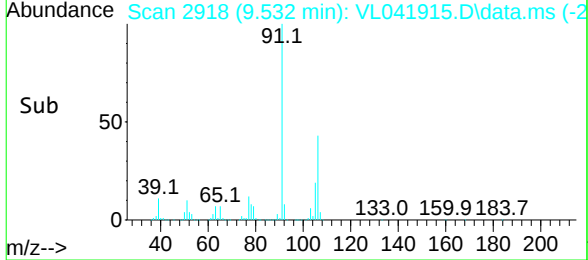
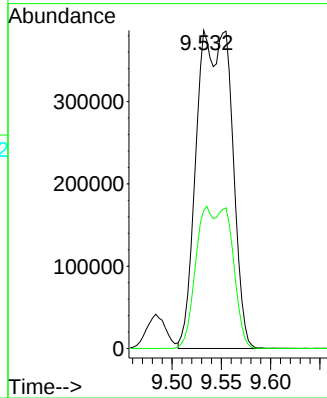
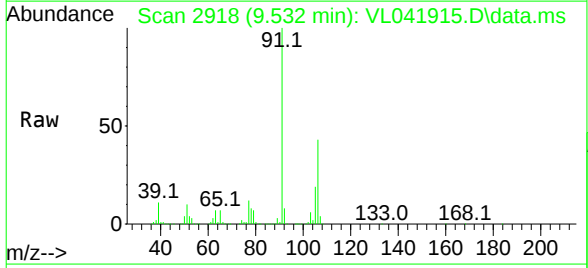
#59
m/p-Xylene
Concen: 22.570 ppbv m
RT: 9.532 min Scan# 2918
Delta R.T. -0.032 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 964154
Ion Ratio Lower Upper
91 100
106 0.0 36.0 54.0#

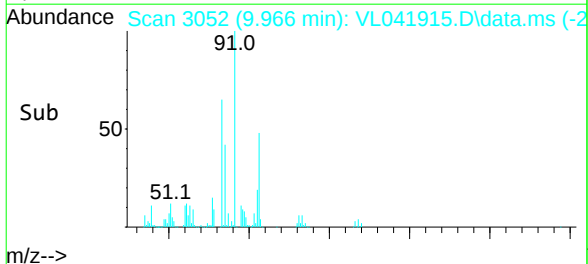
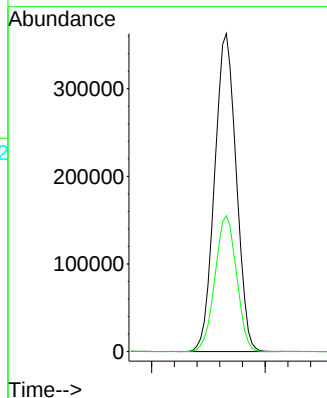
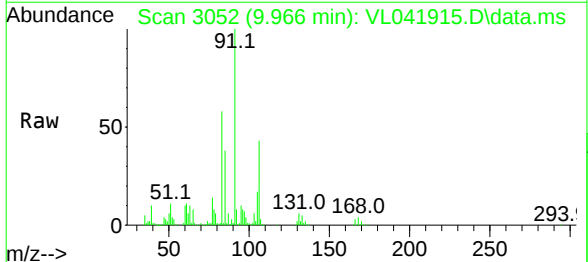
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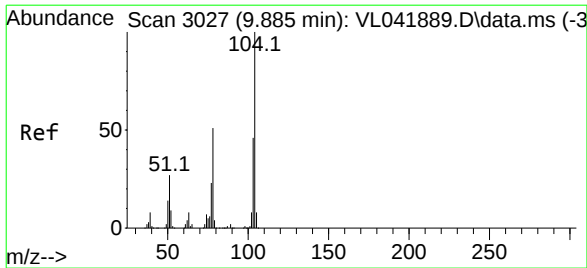
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#60
o-Xylene
Concen: 11.342 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion: 91 Resp: 480219
Ion Ratio Lower Upper
91 100
106 42.6 21.3 63.9





#61

Styrene

Concen: 11.716 ppbv

RT: 9.872 min Scan# 3027

Delta R.T. -0.013 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

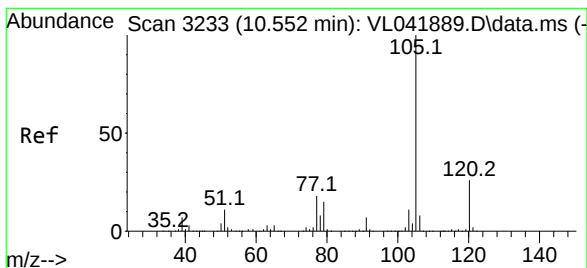
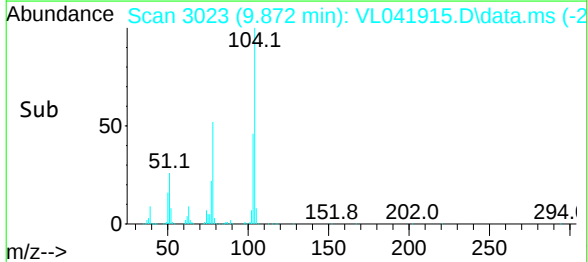
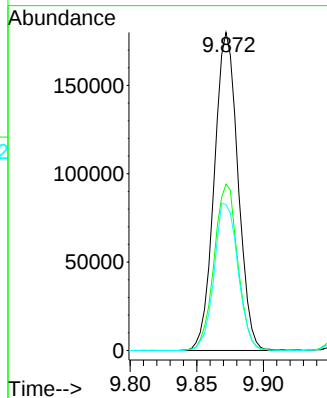
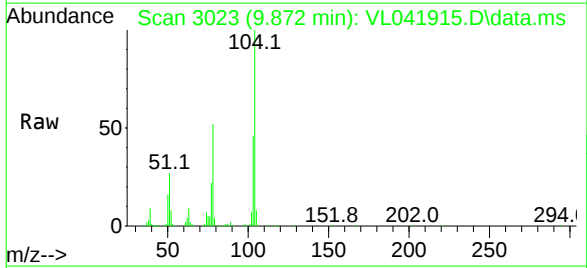
VSTDCCC010EC

Tgt Ion:104 Resp: 222529
 Ion Ratio Lower Upper
 104 100
 78 52.1 41.0 61.6
 103 46.8 37.2 55.8

Manual Integrations

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



#62

Isopropylbenzene

Concen: 10.907 ppbv

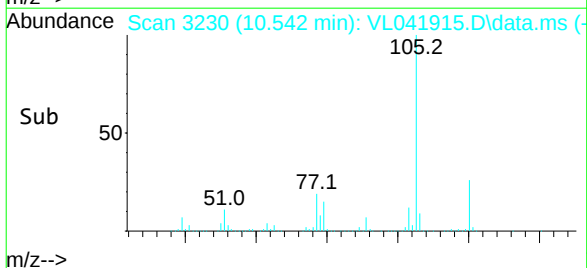
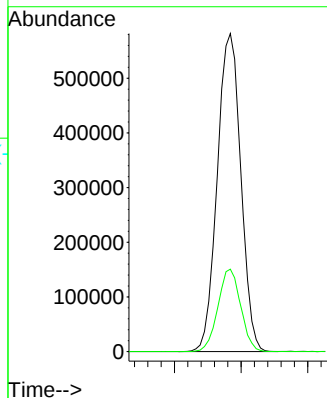
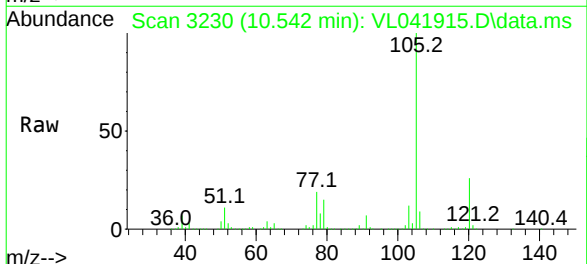
RT: 10.542 min Scan# 3230

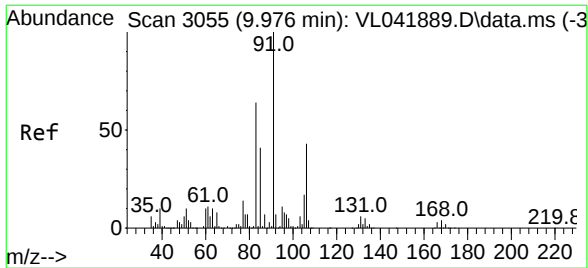
Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

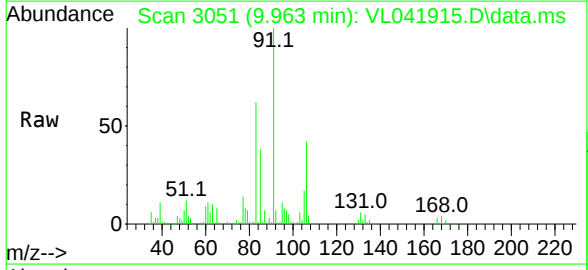
Tgt Ion:105 Resp: 714600
 Ion Ratio Lower Upper
 105 100
 120 25.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 10.659 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.013 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

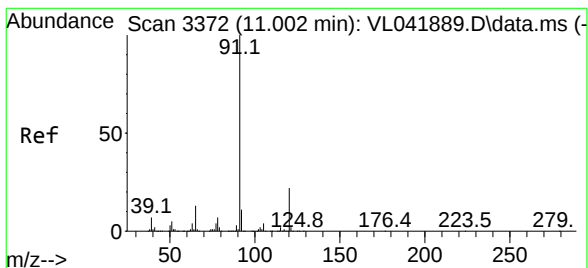
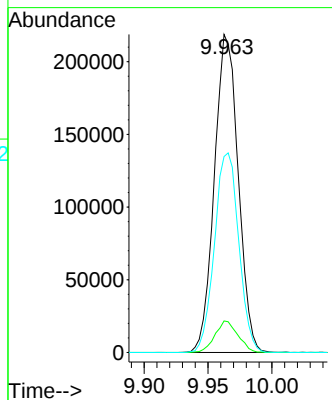
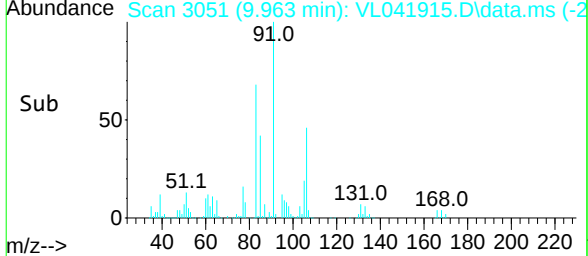
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion:	83	Resp:	284076
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	64.0	32.4	97.2

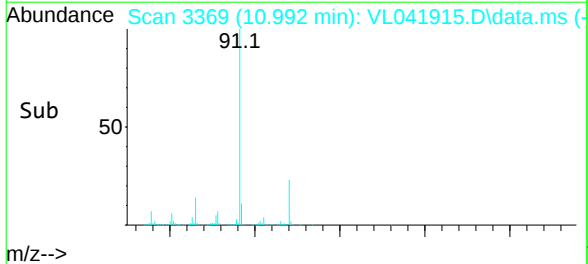
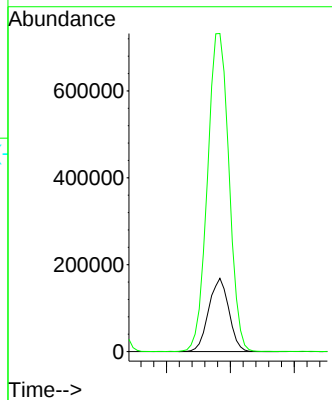
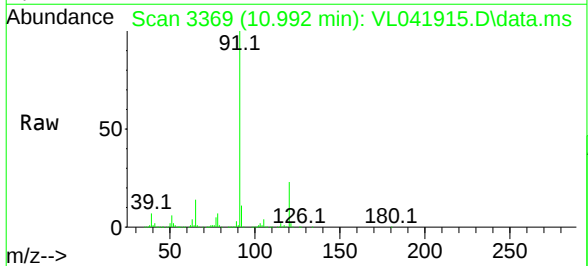
Manual Integrations
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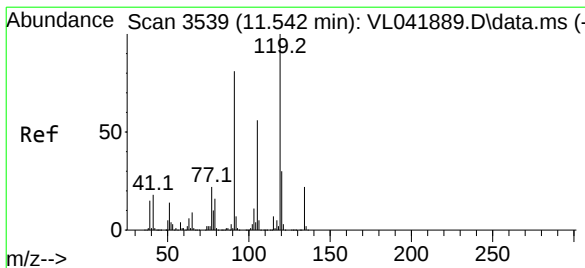
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#64
n-propylbenzene
Concen: 11.186 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

Tgt Ion:	120	Resp:	185193
Ion	Ratio	Lower	Upper
120	100		
91	464.0	374.1	561.1





#65

tert-Butylbenzene

Concen: 10.776 ppbv

RT: 11.532 min Scan# 3539

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

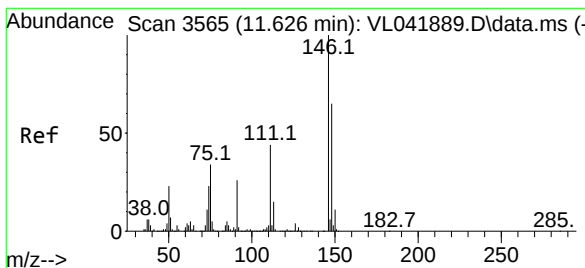
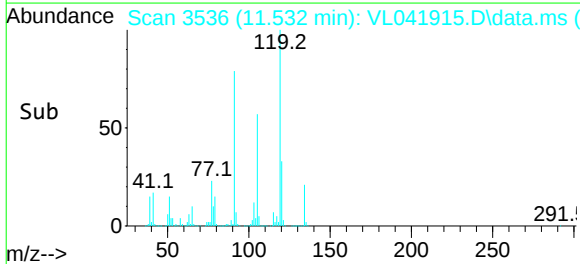
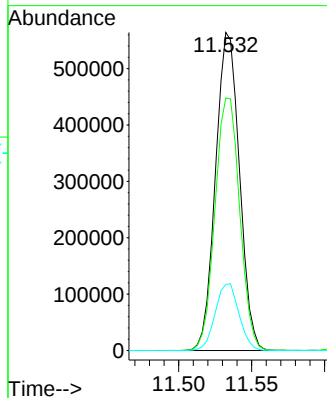
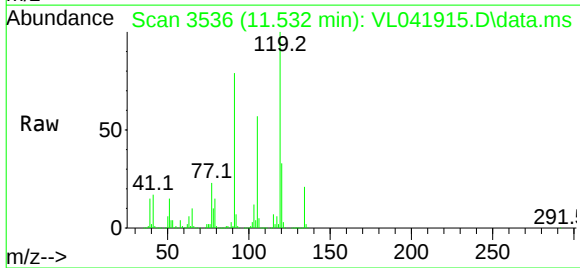
VSTDCCC010EC

Tgt Ion:	119	Resp:	643420
Ion	Ratio	Lower	Upper
119	100		
91	81.9	64.6	97.0
134	20.8	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: 9.972 ppbv

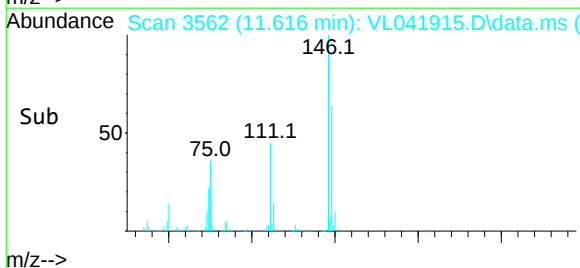
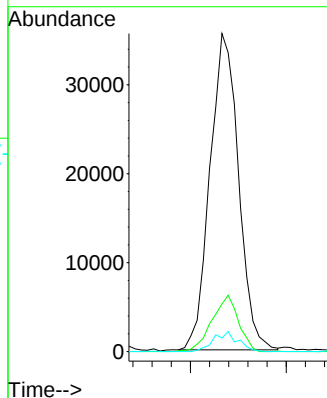
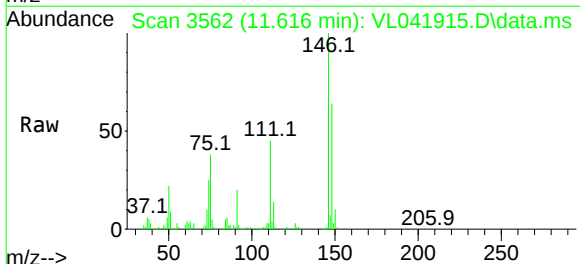
RT: 11.616 min Scan# 3562

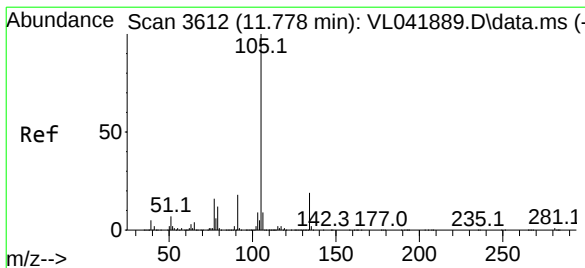
Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

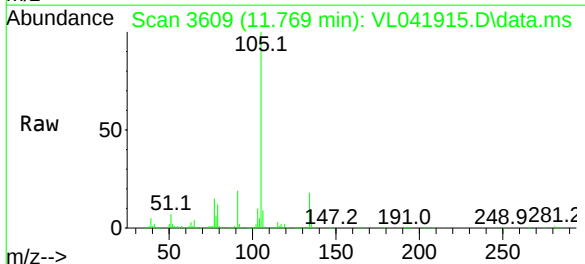
Tgt Ion:	91	Resp:	36853
Ion	Ratio	Lower	Upper
91	100		
126	16.5	14.1	21.1
128	5.4	4.3	6.5





#67
 sec-Butylbenzene
 Concen: 10.774 ppbv
 RT: 11.769 min Scan# 3612
 Delta R.T. -0.010 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

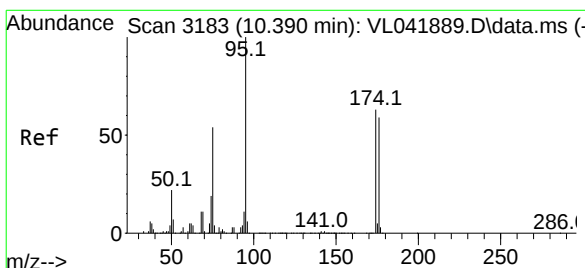
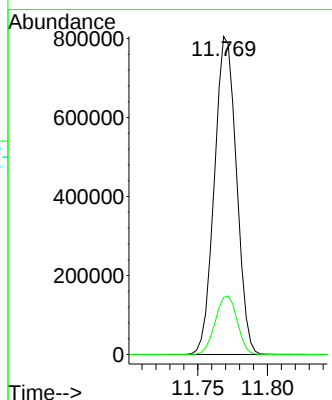
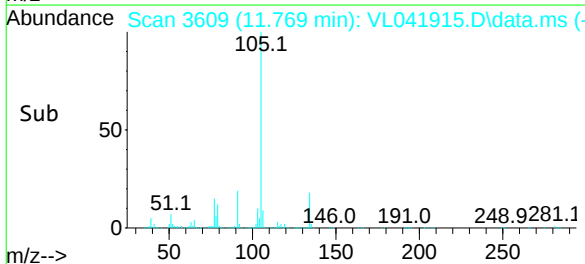
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 885752
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.1 22.7

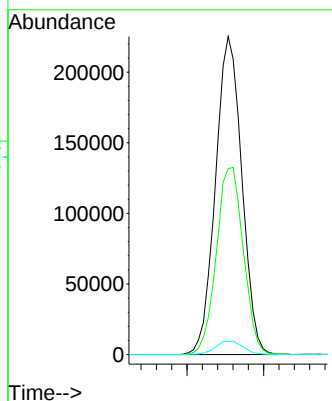
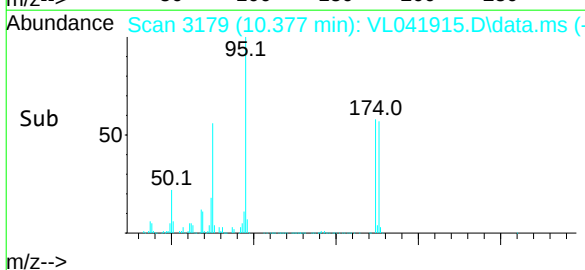
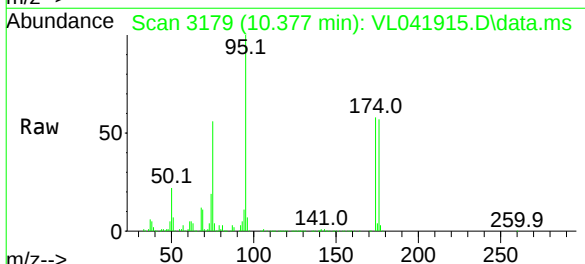
Manual Integrations
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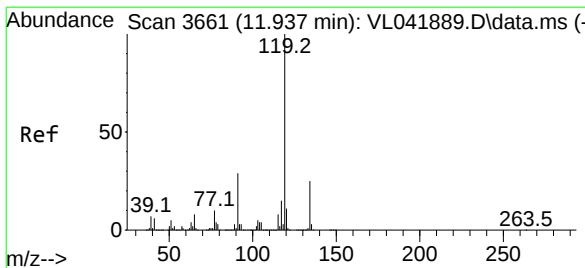
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.032 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.013 min
 Lab File: VL041915.D
 Acq: 15 Jan 2025 08:37

Tgt Ion: 95 Resp: 269067
 Ion Ratio Lower Upper
 95 100
 174 60.3 49.0 73.4
 175 4.6 3.8 5.8





#69

p-Isopropyltoluene

Concen: 10.905 ppbv

RT: 11.927 min Scan# 3661

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

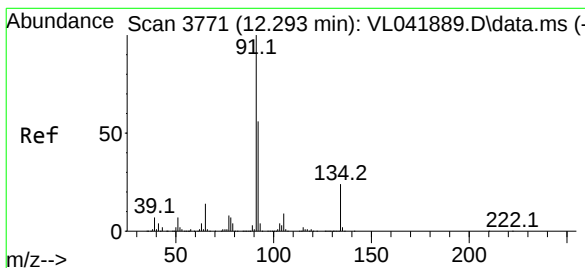
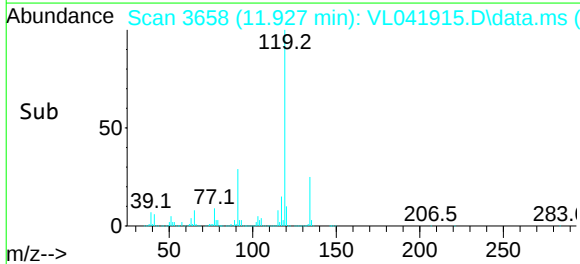
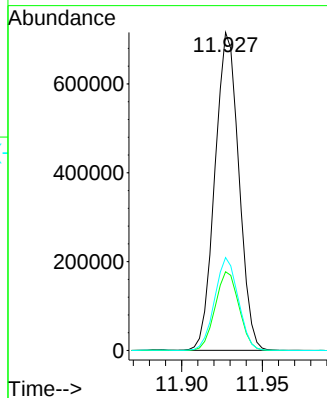
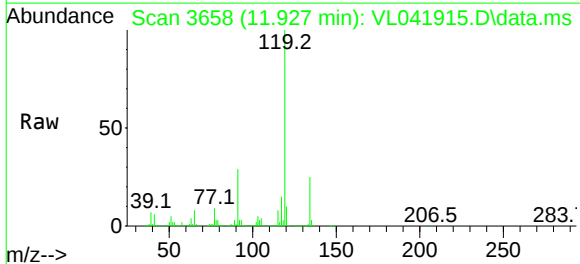
VSTDCCC010EC

Tgt Ion:	119	Resp:	738290
Ion	Ratio	Lower	Upper
119	100		
134	24.8	19.8	29.6
91	28.9	23.0	34.4

Manual Integrations

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



#70

n-Butylbenzene

Concen: 10.638 ppbv

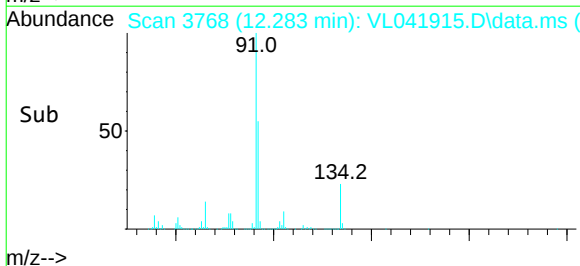
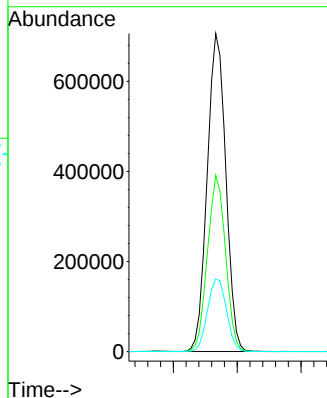
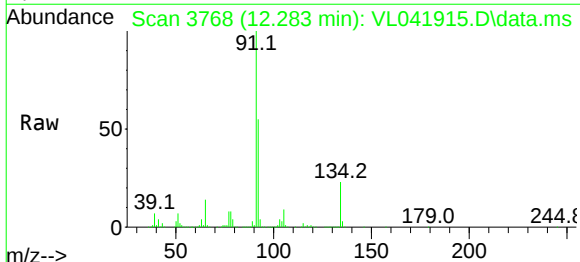
RT: 12.283 min Scan# 3768

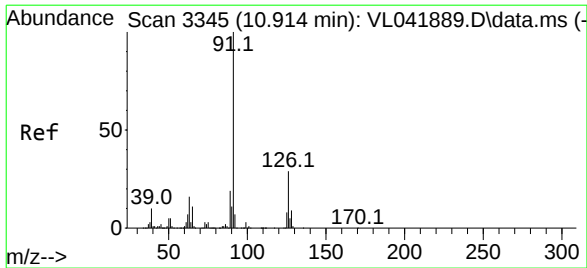
Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

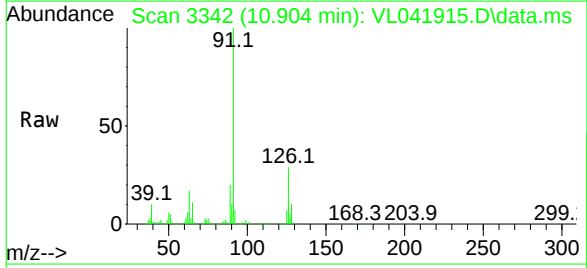
Tgt Ion:	91	Resp:	714292
Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.8	65.6
134	23.3	19.0	28.6





#71
2-Chlorotoluene
Concen: 11.017 ppbv
RT: 10.904 min Scan# 3342
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37

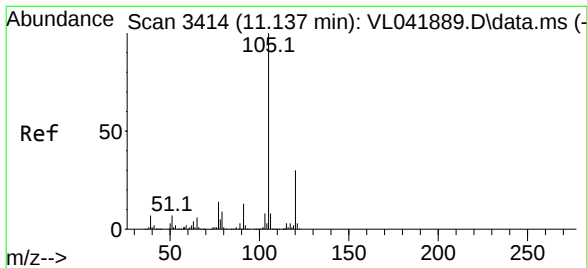
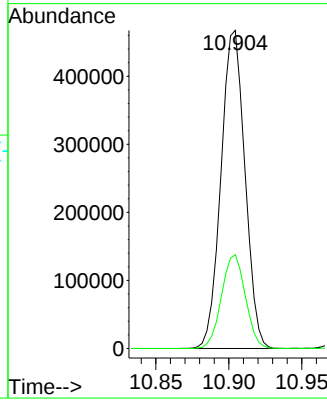
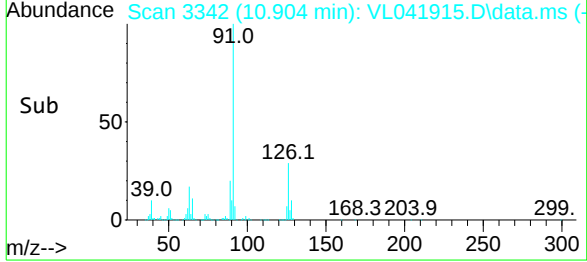
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



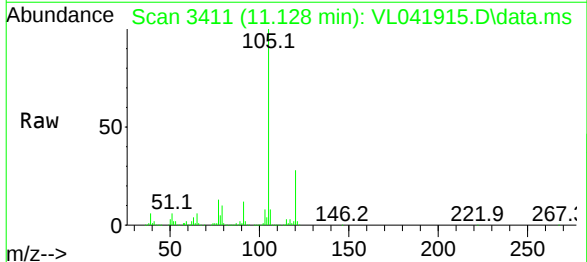
Tgt Ion: 91 Resp: 533935
Ion Ratio Lower Upper
91 100
126 29.3 11.7 46.7

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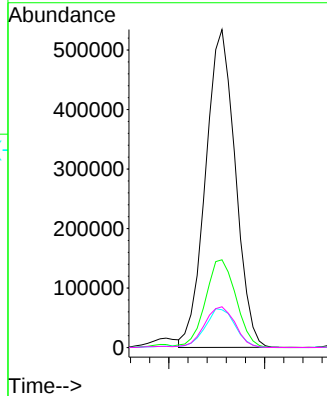
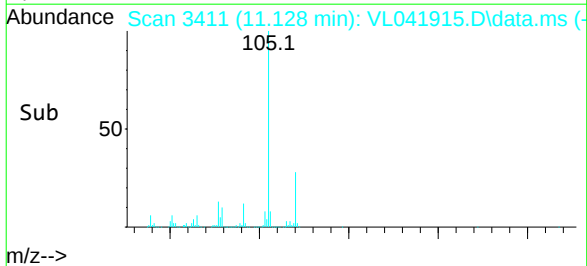
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

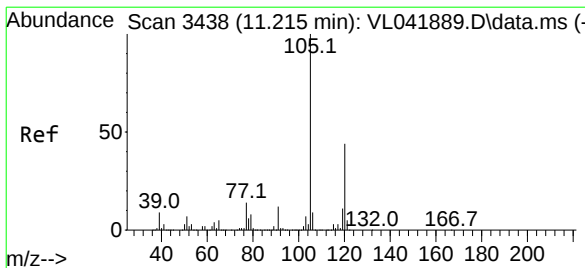


#72
4-Ethyltoluene
Concen: 11.354 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.010 min
Lab File: VL041915.D
Acq: 15 Jan 2025 08:37



Tgt Ion:105 Resp: 575036
Ion Ratio Lower Upper
105 100
120 29.4 23.7 35.5
91 12.9 10.2 15.2
77 13.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.998 ppbv

RT: 11.205 min Scan# 34

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 491905

Ion Ratio Lower Upper

105 100

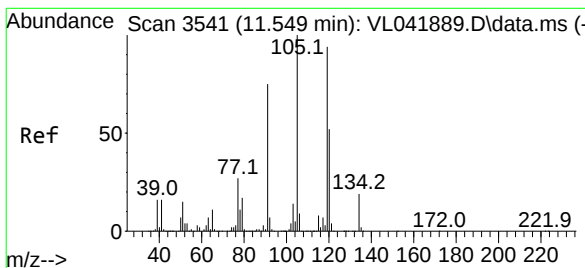
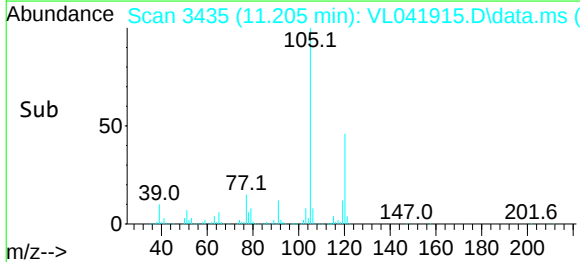
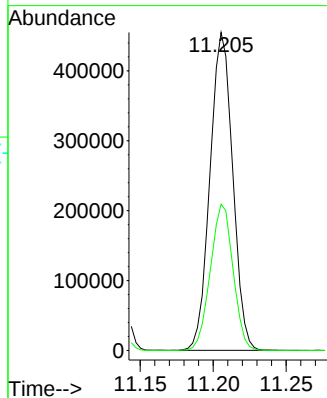
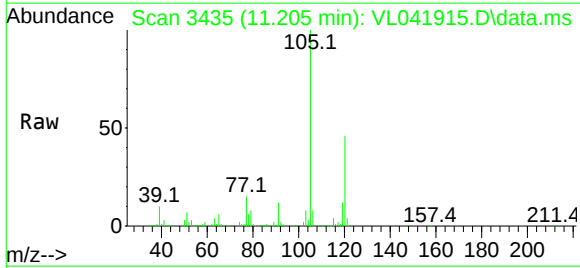
120 46.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.063 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Tgt Ion:105 Resp: 535878

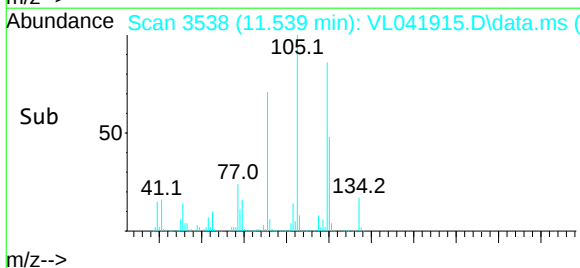
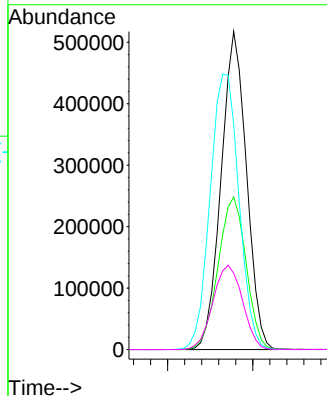
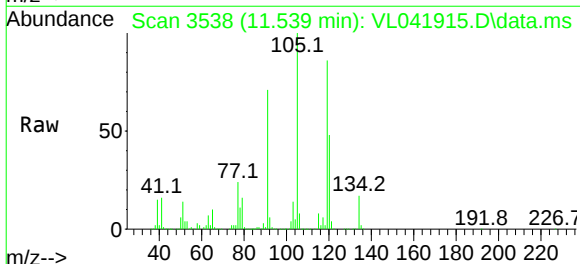
Ion Ratio Lower Upper

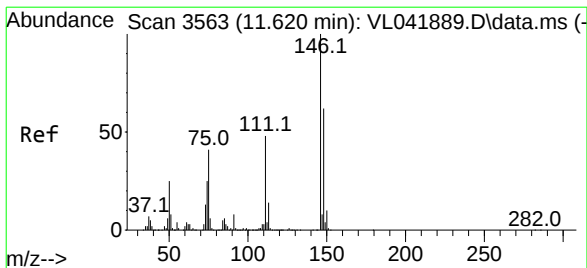
105 100

120 48.0 41.4 62.2

91 70.8 60.2 90.2

77 24.0 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 10.636 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

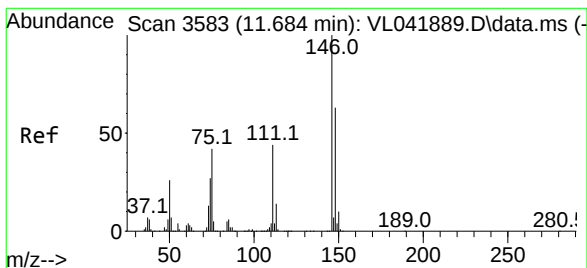
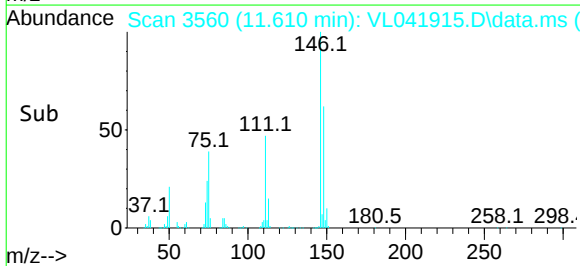
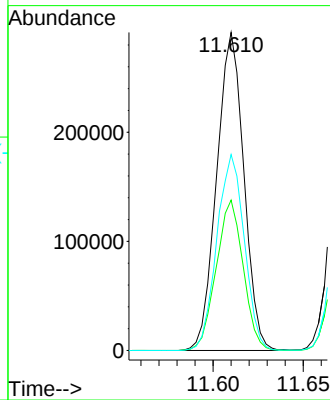
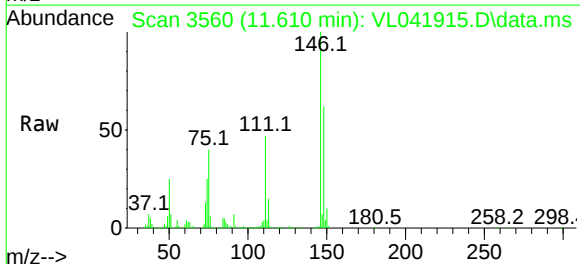
VSTDCCC010EC

Tgt Ion:	146	Resp:	305274
Ion Ratio	Lower	Upper	
146	100		
111	47.0	23.6	70.8
148	62.5	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: 10.829 ppbv

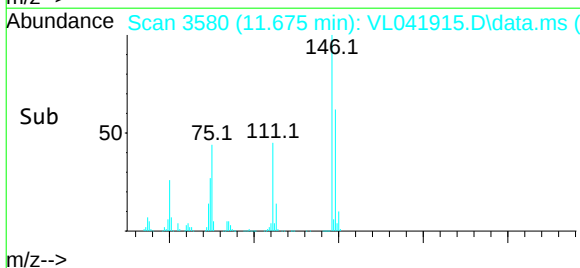
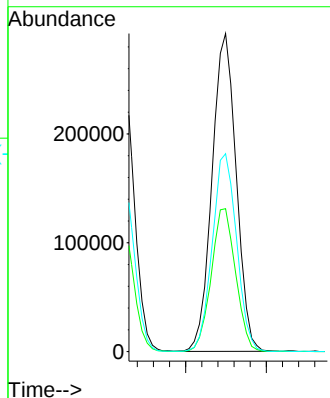
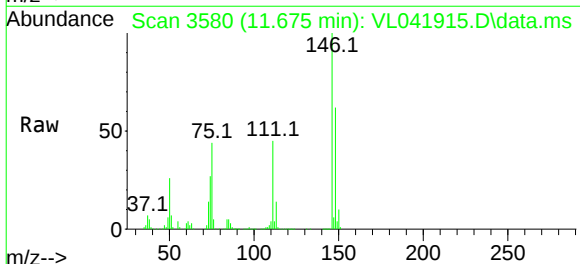
RT: 11.675 min Scan# 3580

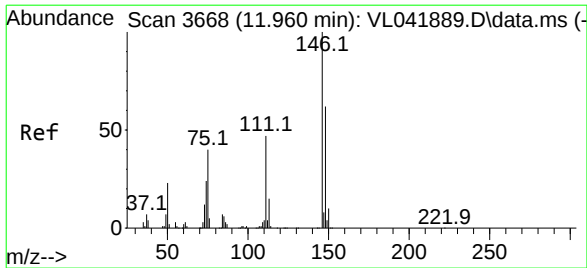
Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Tgt Ion:	146	Resp:	304097
Ion Ratio	Lower	Upper	
146	100		
111	45.4	22.4	67.0
148	62.9	31.9	95.5





#77

1,2-Dichlorobenzene

Concen: 10.131 ppbv

RT: 11.950 min Scan# 3668

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

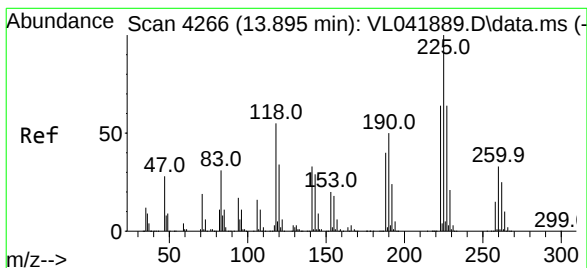
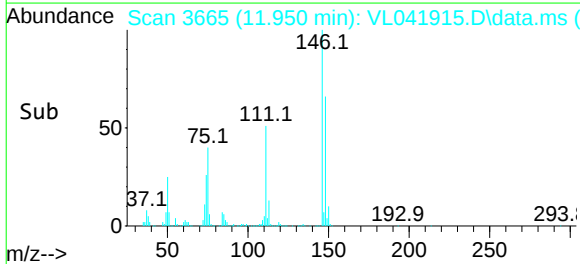
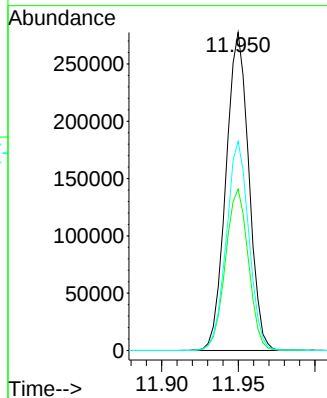
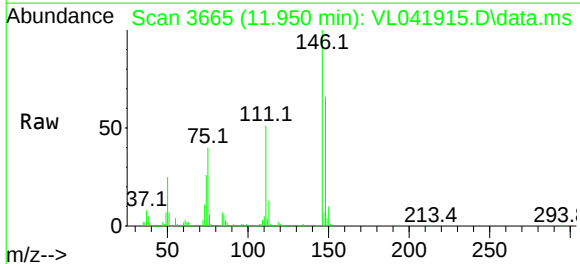
VSTDCCC010EC

Tgt Ion:	146	Resp:	288196
Ion	Ratio	Lower	Upper
146	100		
111	51.0	24.2	72.6
148	64.9	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: 8.438 ppbv

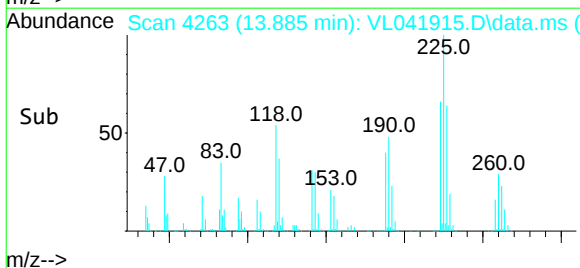
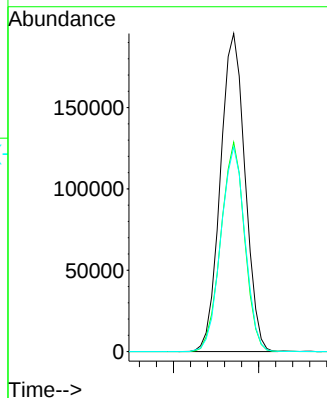
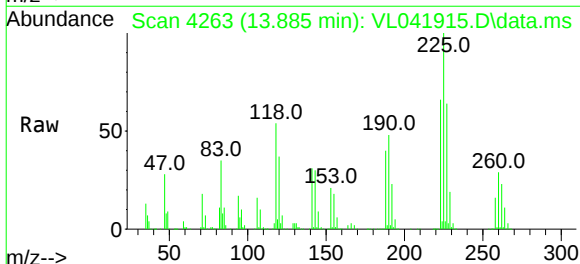
RT: 13.885 min Scan# 4263

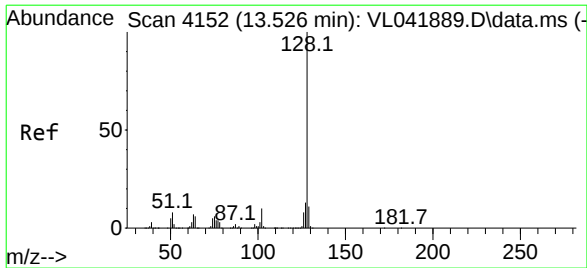
Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Tgt Ion:	225	Resp:	197004
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.8	76.2
227	62.9	50.3	75.5





#79

Naphthalene

Concen: 9.097 ppbv

RT: 13.516 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

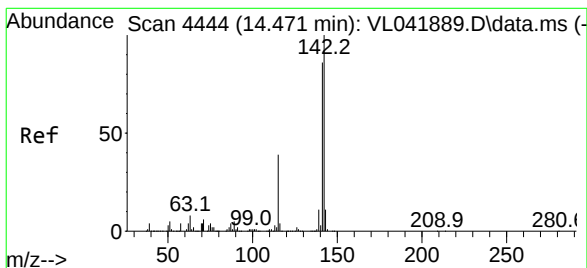
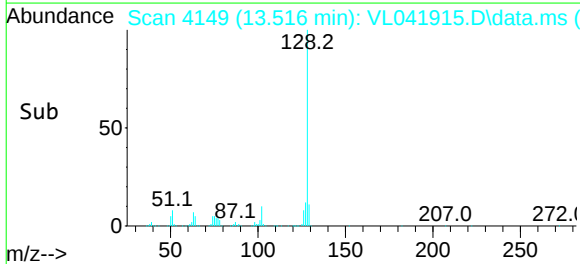
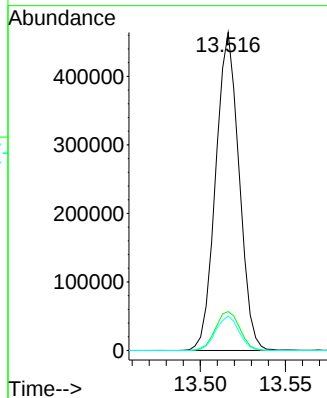
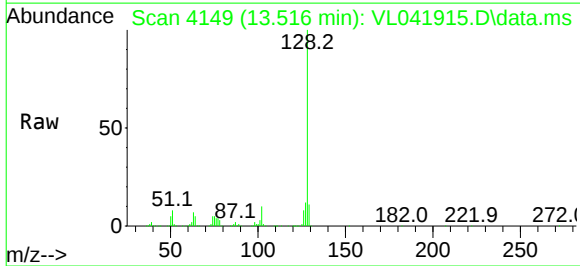
VSTDCCC010EC

Tgt Ion:	128	Resp:	443650
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.4
129	10.9	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: 8.134 ppbv

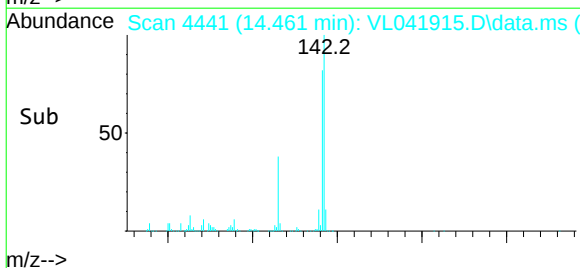
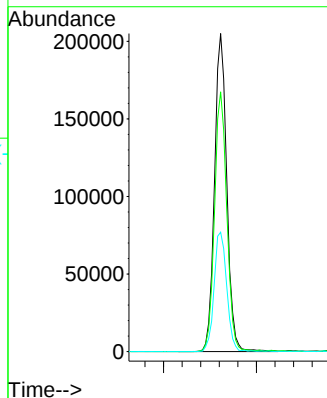
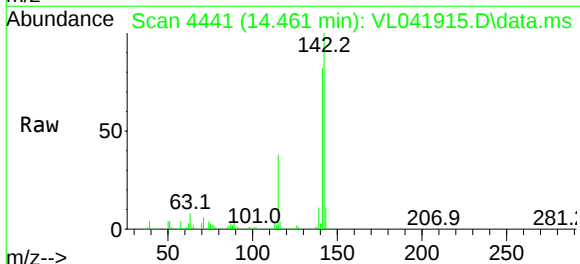
RT: 14.461 min Scan# 4441

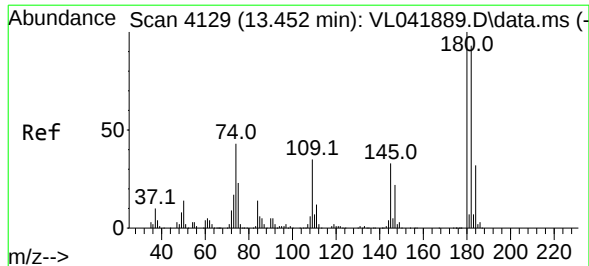
Delta R.T. -0.010 min

Lab File: VL041915.D

Acq: 15 Jan 2025 08:37

Tgt Ion:	142	Resp:	188081
Ion Ratio	Lower	Upper	
142	100		
141	82.6	68.1	102.1
115	39.1	31.7	47.5





#81

1,2,4-Trichlorobenzene

Concen: 8.643 ppbv

RT: 13.442 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041915.D

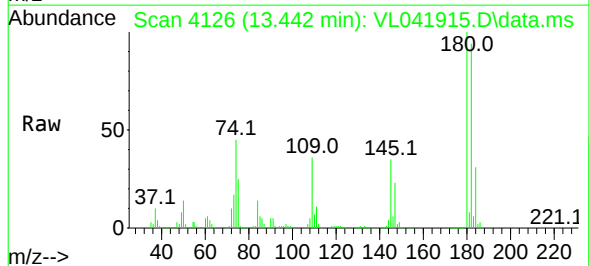
Acq: 15 Jan 2025 08:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	77.0	115.6
184	29.3	24.9	37.3

Manual Integrations

APPROVED

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

