

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021425\
 Data File : VL042015.D
 Acq On : 14 Feb 2025 12:21
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

Quant Time: Feb 15 01:18:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M

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

QLast Update : Sat Feb 15 01:17:03 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.778	49	98018	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	294480	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	270090	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.364 95 224424 10.073 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	160801	9.530	ppbv	100
3) Chlorodifluoromethane	1.473	51	170358	9.126	ppbv	100
4) Chloromethane	1.528	50	62151	9.478	ppbv	100
5) Vinyl Chloride	1.577	62	61733	7.873	ppbv	100
6) Bromomethane	1.664	94	28011	9.216	ppbv	100
7) Chloroethane	1.700	64	24425	9.558	ppbv	100
8) Dichlorotetrafluoroethane	1.551	85	139601	9.405	ppbv	100
9) Propene	1.480	41	74473	9.232	ppbv	100
10) Heptane	4.966	43	203901	9.177	ppbv	100
11) Trichlorofluoromethane	1.871	101	162470	9.568	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.134	101	127902	9.659	ppbv	100
13) Ethanol	1.716	45	3558	3.642	ppbv	99
14) Bromoethene	1.778	108	46707	9.445	ppbv	100
15) Acetone	1.829	43	131106	8.104	ppbv	99
16) 1,3-Butadiene	1.606	39	66430	8.655	ppbv	100
17) tert-Butyl alcohol	2.036	59	182823	9.133	ppbv	100
18) 1,1-Dichloroethene	2.027	96	57429	8.916	ppbv	100
19) Isopropyl Alcohol	1.881	45	80952	8.872	ppbv	100
20) Methylene Chloride	2.056	84	48346	7.938	ppbv	100
21) Allyl Chloride	2.088	41	103000	8.846	ppbv	100
22) trans-1,2-Dichloroethene	2.334	96	63168	9.199	ppbv	100
23) Vinyl Acetate	2.454	43	78098	8.915	ppbv	100
24) 1,1-Dichloroethane	2.402	63	125735	9.018	ppbv	100
25) Ethyl Acetate	2.826	43	405138	9.124	ppbv	100
26) Hexane	2.816	57	161725	9.076	ppbv	100
27) Carbon Disulfide	2.143	76	160847	9.597	ppbv	96
28) Methyl tert-Butyl Ether	2.435	73	100527	9.229	ppbv	99
29) Chloroform	2.842	83	238566	9.244	ppbv	100
30) Cyclohexane	3.842	84	85945	5.507	ppbv #	32
31) cis-1,2-Dichloroethene	2.713	61	163695	9.294	ppbv	100
32) 1,1,1-Trichloroethane	3.357	97	250927	8.767	ppbv	100
34) 2-Butanone	2.551	43	229677	9.066	ppbv	100
35) Carbon Tetrachloride	3.752	117	249438	8.898	ppbv	100
36) Benzene	3.645	78	334046	9.365	ppbv	100
37) 1,2-Dichloroethane	3.208	62	182915	9.008	ppbv	100
38) Trichloroethene	4.532	130	132325	9.032	ppbv	100
39) 1,2-Dichloropropane	4.299	63	119495	9.029	ppbv	100
40) 1,4-Dioxane	4.571	88	59102m	8.736	ppbv	
41) Tetrahydrofuran	3.046	42	136417	9.228	ppbv	100
42) Bromodichloromethane	4.474	83	266025	9.665	ppbv	100
43) Methyl Methacrylate	4.862	69	140158	8.741	ppbv	100
44) 2,2,4-Trimethylpentane	4.623	57	570322	9.418	ppbv	100
45) t-1,3-Dichloropropene	6.399	75	143577	9.341	ppbv	100

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

Quant Time: Feb 15 01:18:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M

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

QLast Update : Sat Feb 15 01:17:03 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.584	75	183791	9.437	ppbv	100
47) 1,1,2-Trichloroethane	6.565	97	126250	9.173	ppbv	100
48) Dibromochloromethane	7.370	129	221338	9.678	ppbv	100
49) Bromoform	9.471	173	185483	9.810	ppbv	100
50) 4-Methyl-2-Pentanone	5.729	43	348502	8.851	ppbv	100
51) 2-Hexanone	7.419	43	283852	8.796	ppbv #	100
52) Tetrachloroethene	8.212	164	110062	8.839	ppbv	100
53) Toluene	6.917	91	396144	9.385	ppbv	100
54) 1,2-Dibromoethane	7.639	107	176072	9.171	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.914	131	165236	8.570	ppbv	100
57) Chlorobenzene	8.908	112	286810	9.027	ppbv	100
58) Ethyl Benzene	9.342	91	550649	9.315	ppbv	100
59) m/p-Xylene	9.539	91	849531m	18.230	ppbv	
60) o-Xylene	9.953	91	420542	8.931	ppbv	100
61) Styrene	9.859	104	207495	9.241	ppbv	100
62) Isopropylbenzene	10.529	105	641964	9.081	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.950	83	252800	8.323	ppbv	100
64) n-propylbenzene	10.979	120	154350	8.886	ppbv	100
65) tert-Butylbenzene	11.523	119	547545	8.884	ppbv	100
66) Benzyl Chloride	11.607	91	58308	9.377	ppbv	100
67) sec-Butylbenzene	11.759	105	767711	8.868	ppbv	100
69) p-Isopropyltoluene	11.918	119	627827	8.860	ppbv	100
70) n-Butylbenzene	12.274	91	621004	8.897	ppbv	100
71) 2-Chlorotoluene	10.892	91	482609	9.065	ppbv	100
72) 4-Ethyltoluene	11.115	105	499046	9.033	ppbv	100
73) 1,3,5-Trimethylbenzene	11.196	105	429585	9.027	ppbv	100
74) 1,2,4-Trimethylbenzene	11.530	105	449023	8.791	ppbv	100
75) 1,3-Dichlorobenzene	11.597	146	247301	8.995	ppbv	100
76) 1,4-Dichlorobenzene	11.665	146	241556	9.010	ppbv	100
77) 1,2-Dichlorobenzene	11.941	146	234192	8.911	ppbv	100
78) Hexachloro-1,3-Butadiene	13.876	225	176439	8.115	ppbv	100
79) Naphthalene	13.507	128	366957	7.304	ppbv	100
80) Naphthalene,2-methyl-	14.452	142	123736	5.419	ppbv	99
81) 1,2,4-Trichlorobenzene	13.433	180	169405	8.295	ppbv	100

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

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

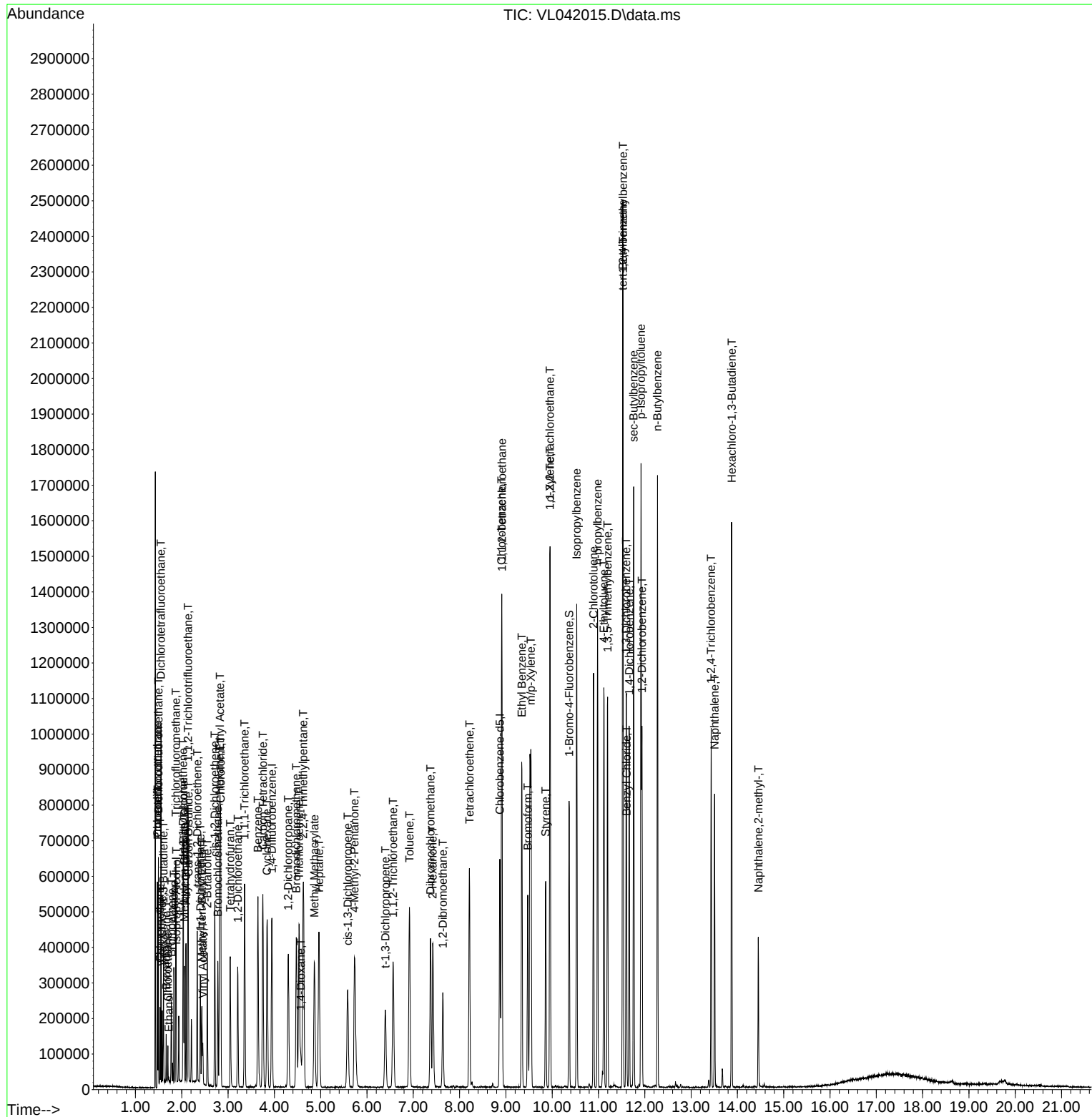
Quant Time: Feb 15 01:18:21 2025

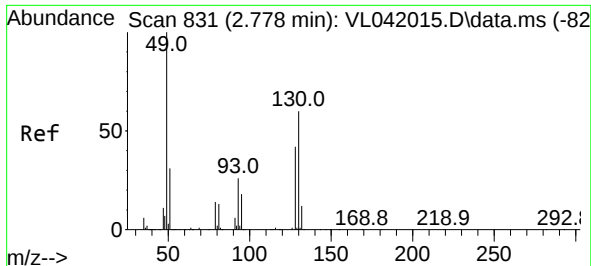
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M

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

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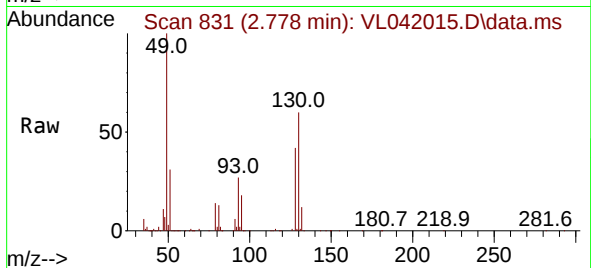
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.778 min Scan# 831
Delta R.T. -0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

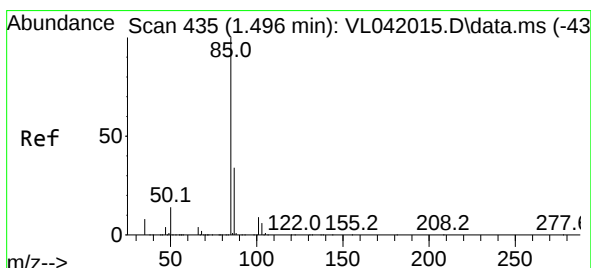
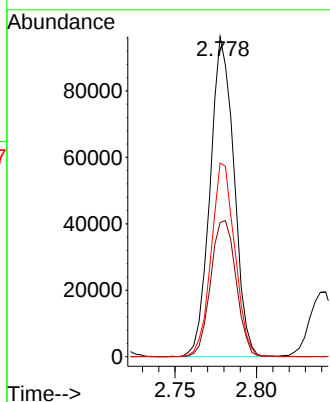
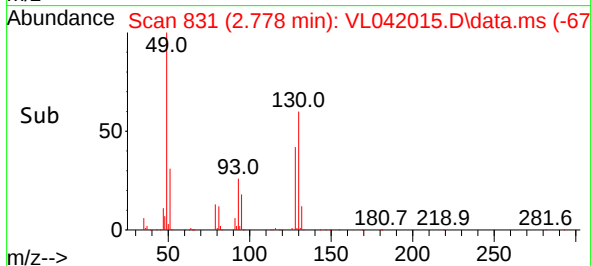
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



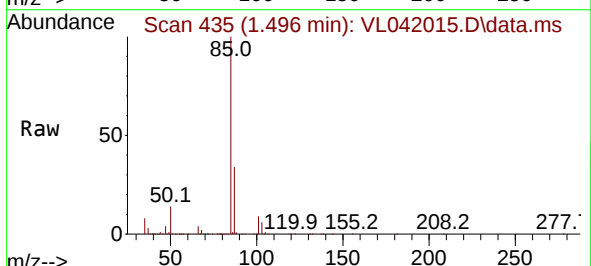
Tgt Ion: 49 Resp: 98018
Ion Ratio Lower Upper
49 100
128 45.3 22.7 68.0
130 59.9 29.9 89.8

Manual Integrations
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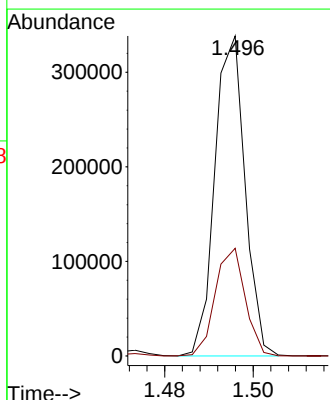
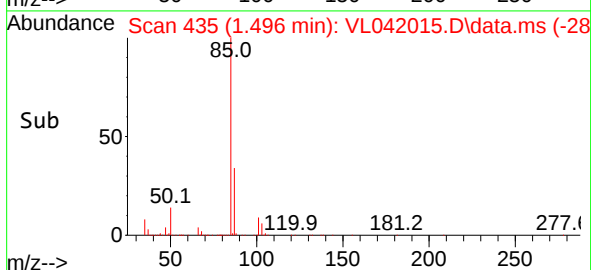
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

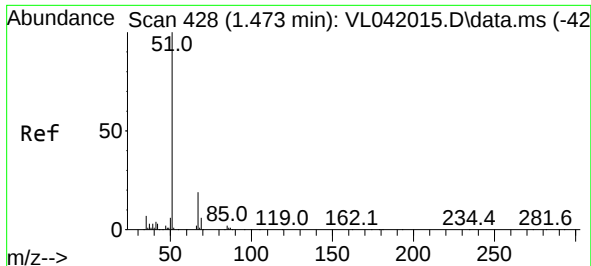


#2
Dichlorodifluoromethane
Concen: 9.530 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



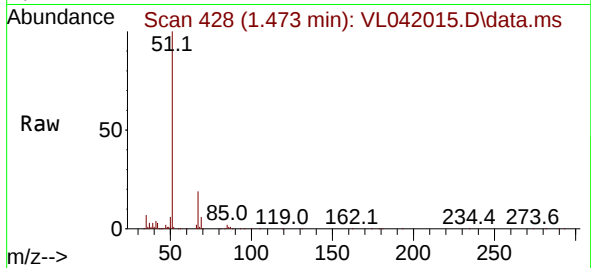
Tgt Ion: 85 Resp: 160801
Ion Ratio Lower Upper
85 100
87 33.6 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.126 ppbv
RT: 1.473 min Scan# 428
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

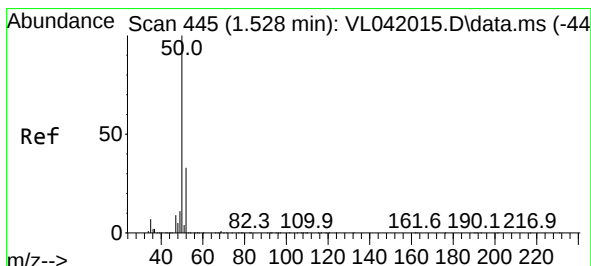
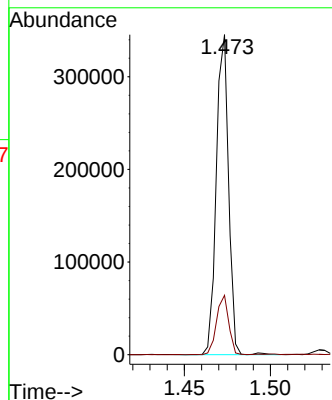
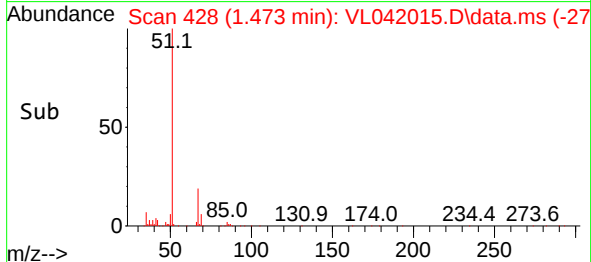
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



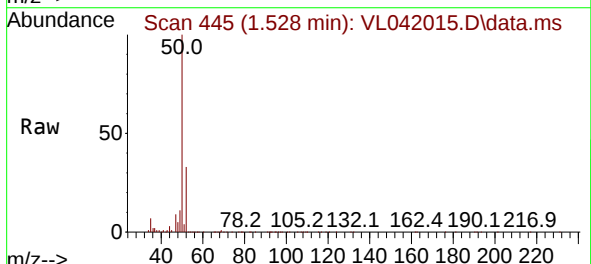
Tgt Ion: 51 Resp: 170358
Ion Ratio Lower Upper
51 100
67 18.8 15.0 22.6

Manual Integrations
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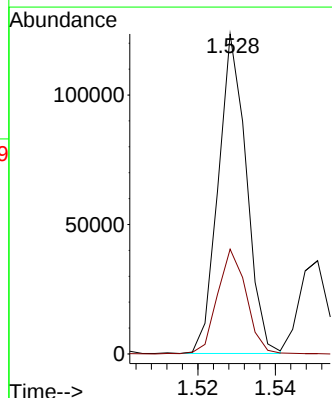
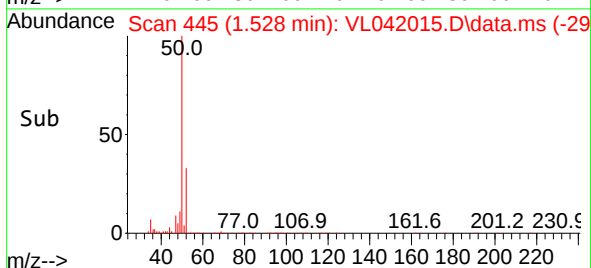
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

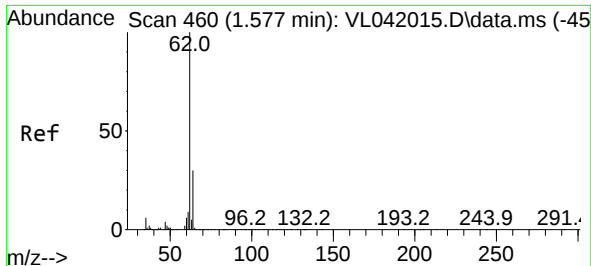


#4
Chloromethane
Concen: 9.478 ppbv
RT: 1.528 min Scan# 445
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



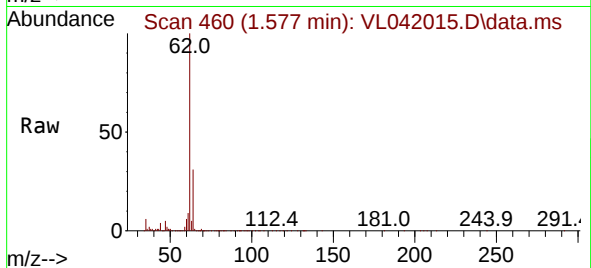
Tgt Ion: 50 Resp: 62151
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2





#5
 Vinyl Chloride
 Concen: 7.873 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

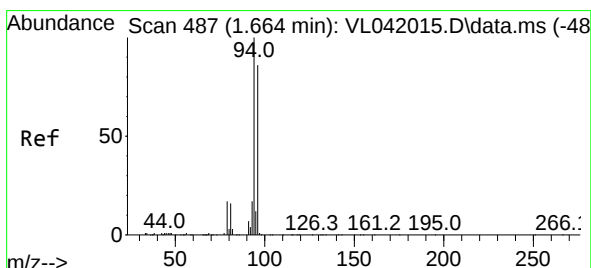
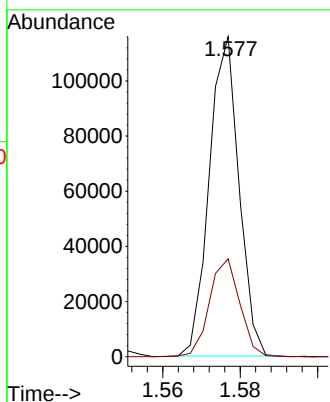
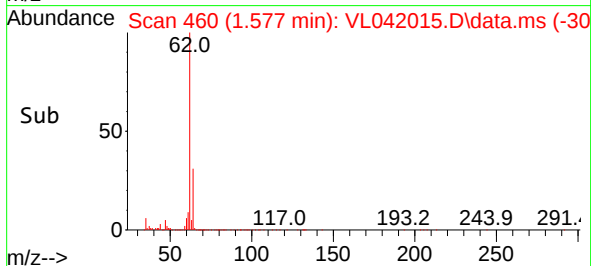
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



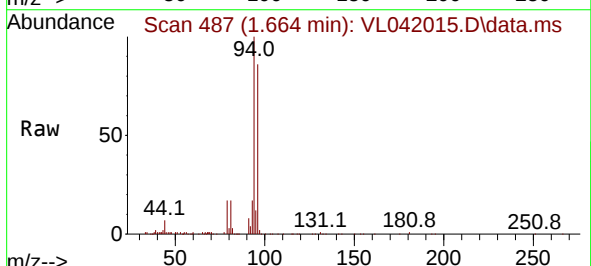
Tgt Ion: 62 Resp: 61733
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.4 36.6

Manual Integrations
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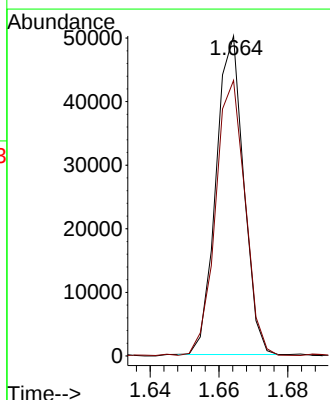
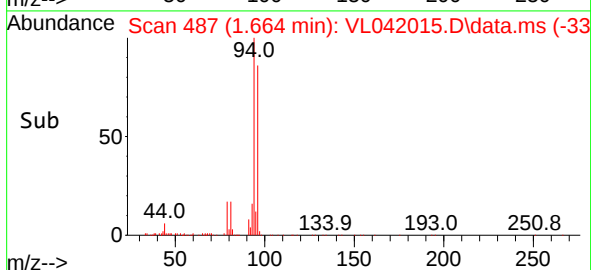
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

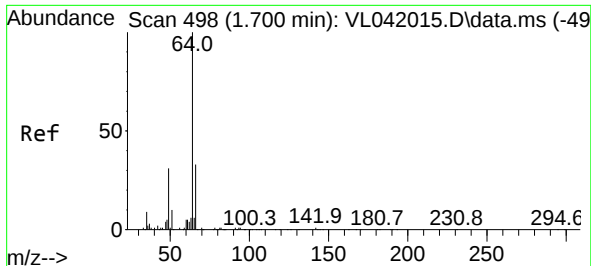


#6
 Bromomethane
 Concen: 9.216 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21



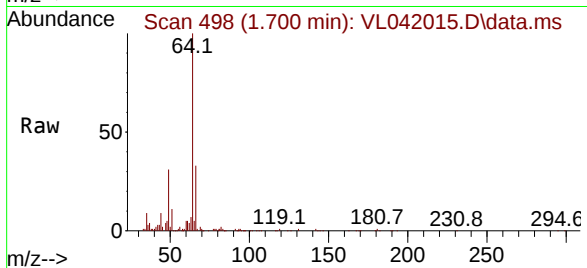
Tgt Ion: 94 Resp: 28011
 Ion Ratio Lower Upper
 94 100
 96 86.3 69.0 103.6





#7
Chloroethane
Concen: 9.558 ppbv
RT: 1.700 min Scan# 498
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

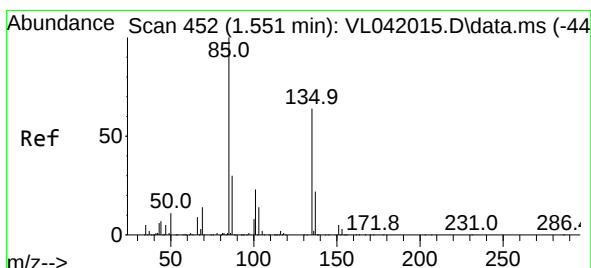
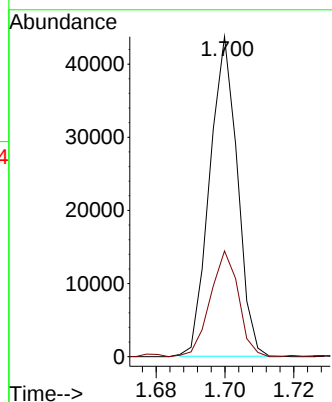
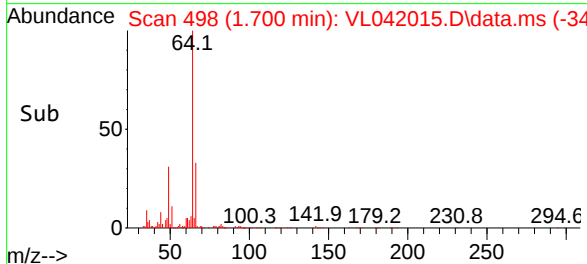
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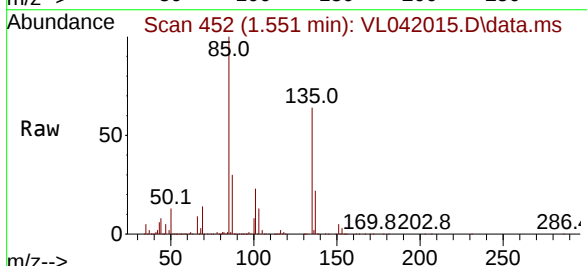
Tgt Ion: 64 Resp: 24425
Ion Ratio Lower Upper
64 100
66 33.1 26.5 39.7

Manual Integrations
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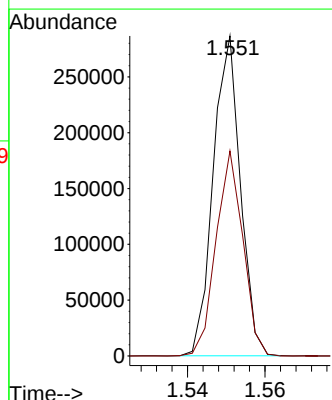
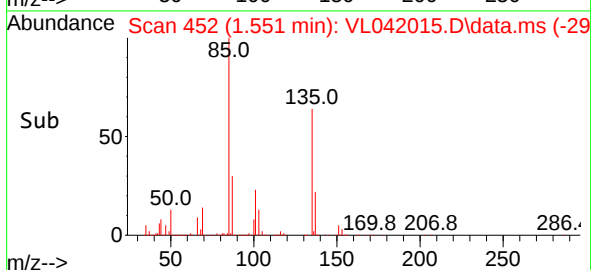
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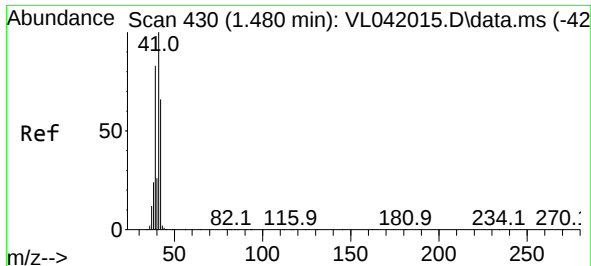


#8
Dichlorotetrafluoroethane
Concen: 9.405 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



Tgt Ion: 85 Resp: 139601
Ion Ratio Lower Upper
85 100
135 63.6 50.9 76.3





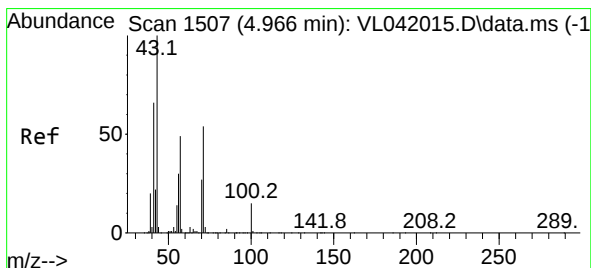
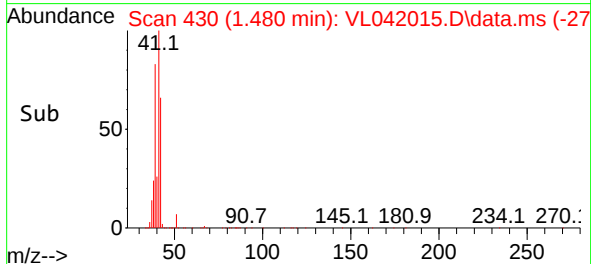
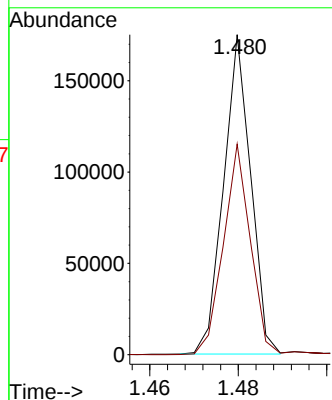
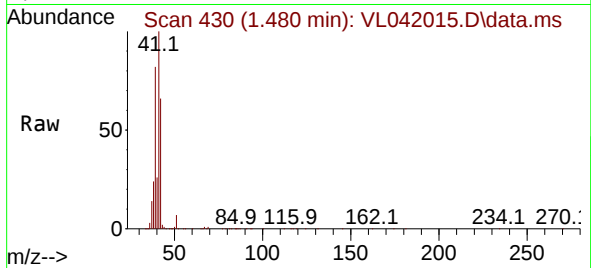
#9
Propene
Concen: 9.232 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

Instrument :
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ClientSampleId :
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Tgt Ion: 41 Resp: 7447
Ion Ratio Lower Upper
41 100
42 66.9 53.5 80.3

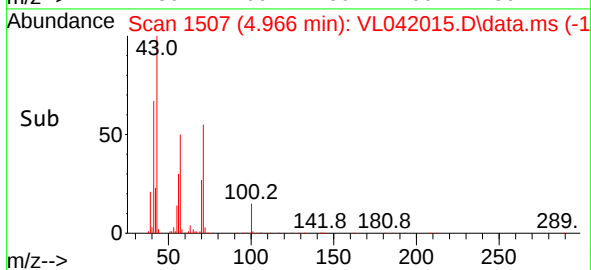
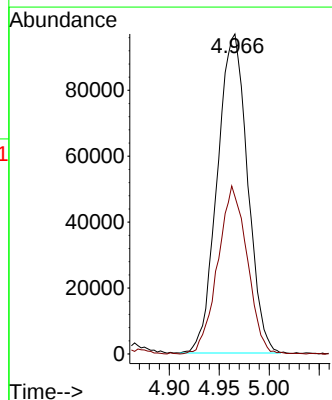
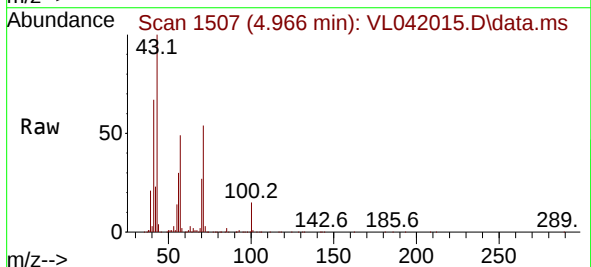
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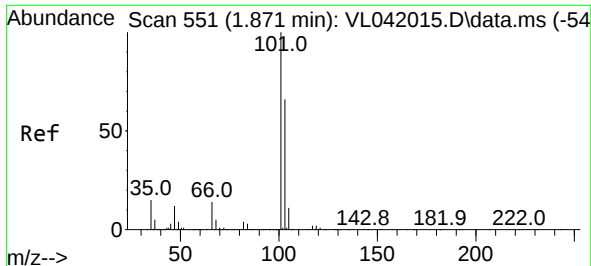
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#10
Heptane
Concen: 9.177 ppbv
RT: 4.966 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

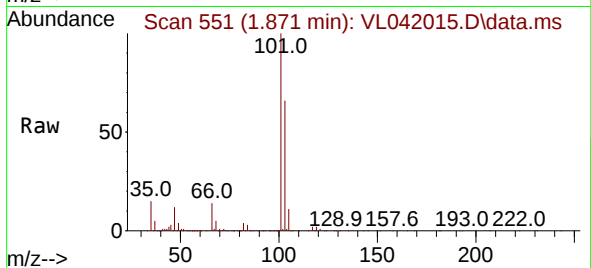
Tgt Ion: 43 Resp: 203901
Ion Ratio Lower Upper
43 100
57 51.2 41.0 61.6





#11
Trichlorofluoromethane
Concen: 9.568 ppbv
RT: 1.871 min Scan# 551
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

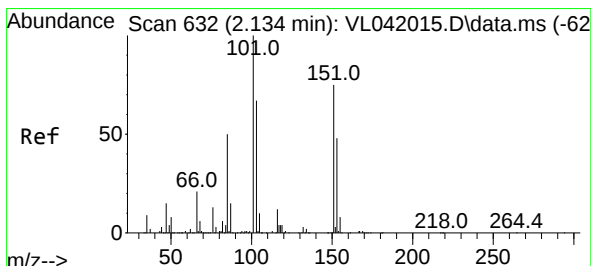
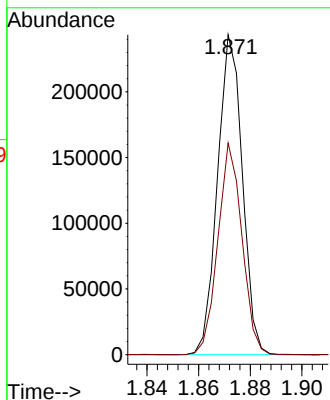
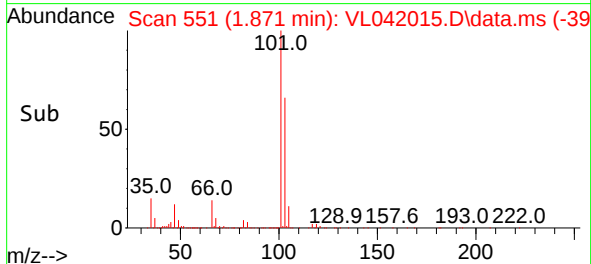
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



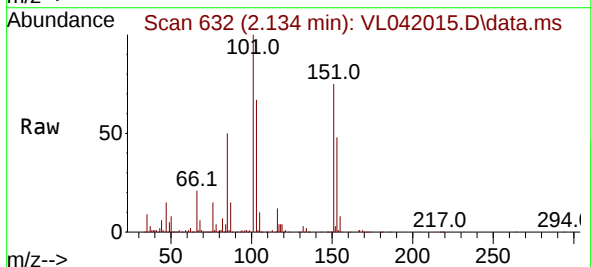
Tgt Ion:101 Resp: 162470
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3

Manual Integrations
APPROVED

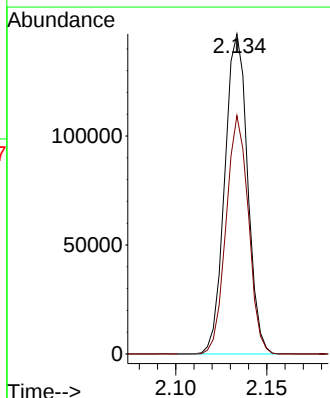
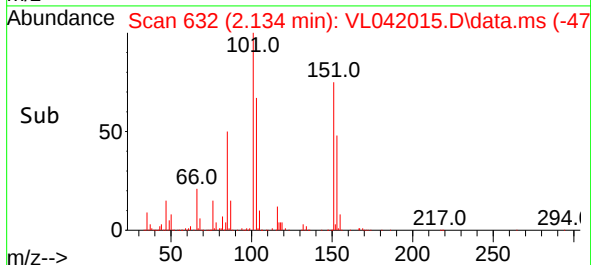
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

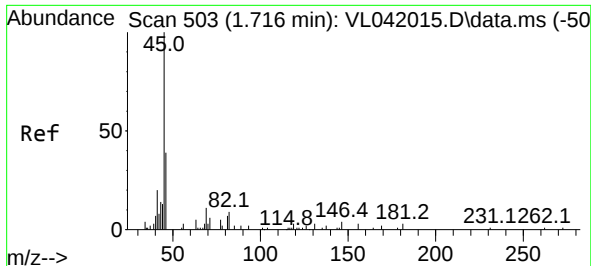


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.659 ppbv
RT: 2.134 min Scan# 632
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



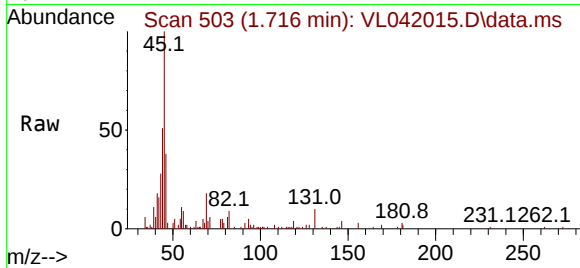
Tgt Ion:101 Resp: 127902
Ion Ratio Lower Upper
101 100
151 72.7 58.2 87.2





#13
Ethanol
Concen: 3.642 ppbv
RT: 1.716 min Scan# 503
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

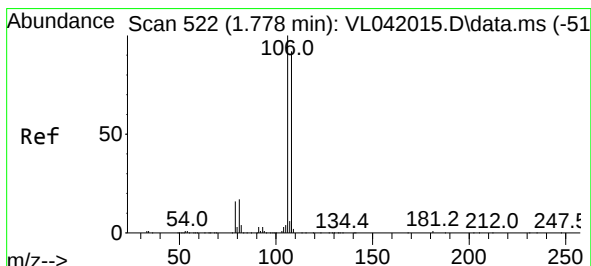
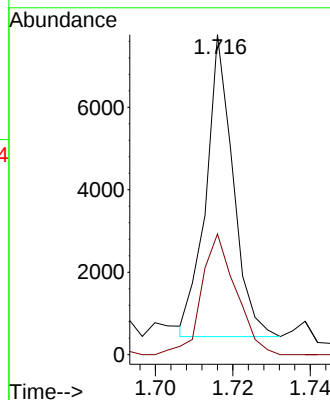
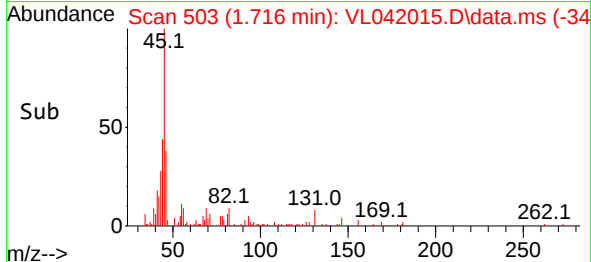
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



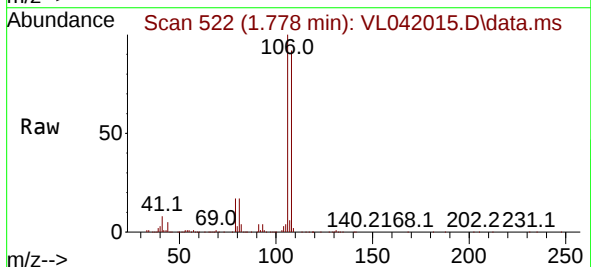
Tgt Ion: 45 Resp: 3558
Ion Ratio Lower Upper
45 100
46 53.6 21.3 85.1

Manual Integrations
APPROVED

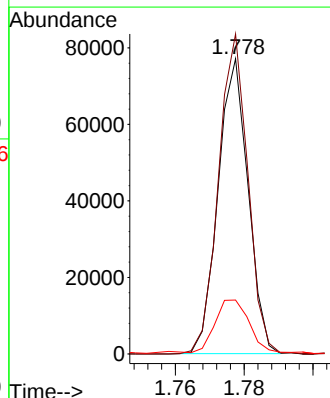
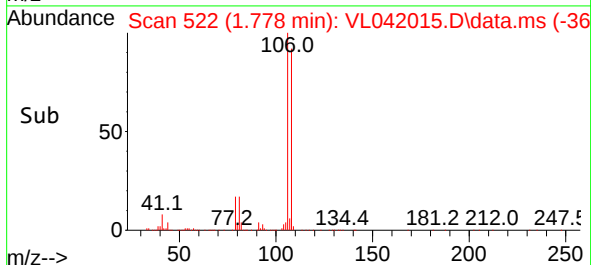
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

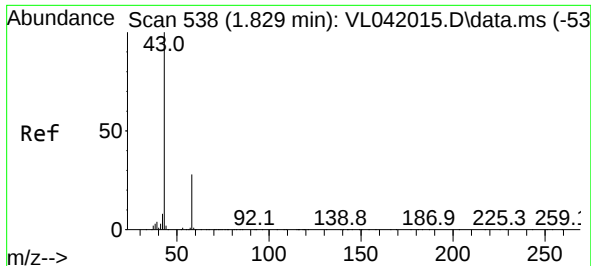


#14
Bromoethene
Concen: 9.445 ppbv
RT: 1.778 min Scan# 522
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



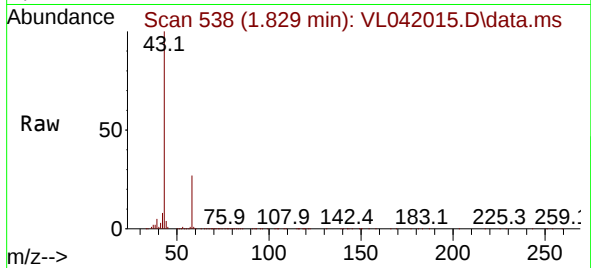
Tgt Ion:108 Resp: 46707
Ion Ratio Lower Upper
108 100
106 106.3 85.0 127.6
79 21.8 17.3 25.9





#15
Acetone
Concen: 8.104 ppbv
RT: 1.829 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

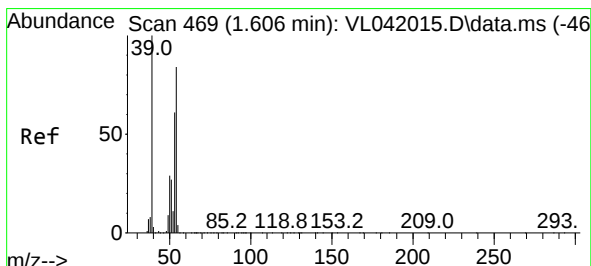
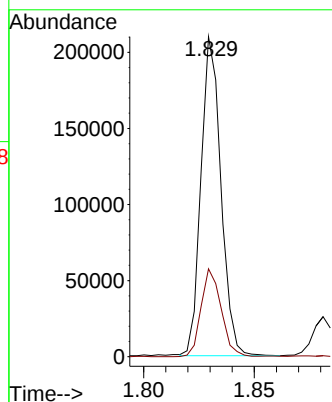
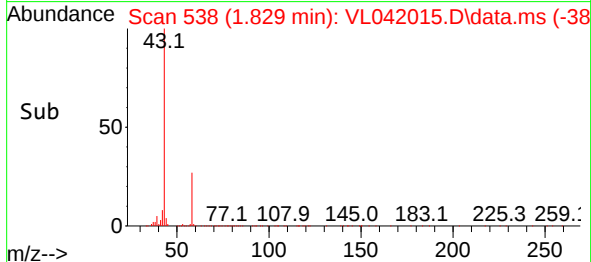
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



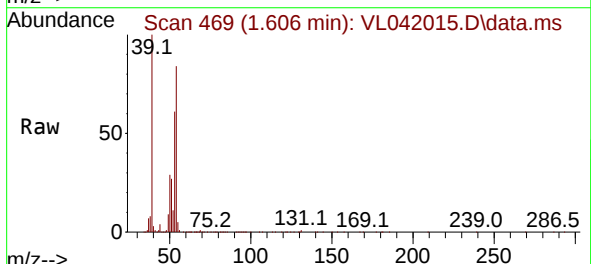
Tgt Ion: 43 Resp: 131100
Ion Ratio Lower Upper
43 100
58 28.0 22.9 34.3

Manual Integrations
APPROVED

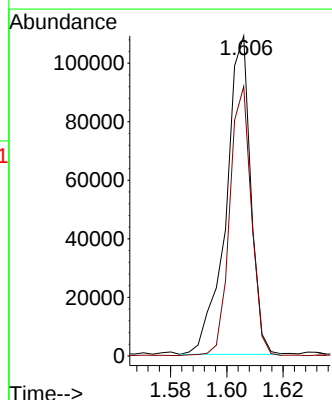
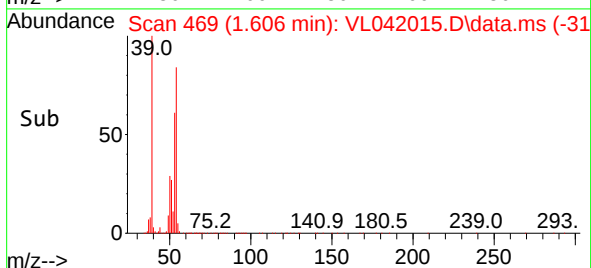
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

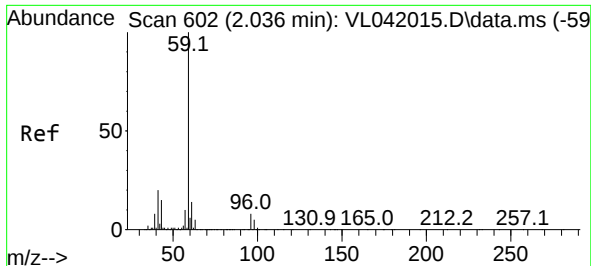


#16
1,3-Butadiene
Concen: 8.655 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



Tgt Ion: 39 Resp: 66430
Ion Ratio Lower Upper
39 100
54 74.3 59.4 89.2





#17

tert-Butyl alcohol

Concen: 9.133 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 18282

Ion Ratio Lower Upper

59 100

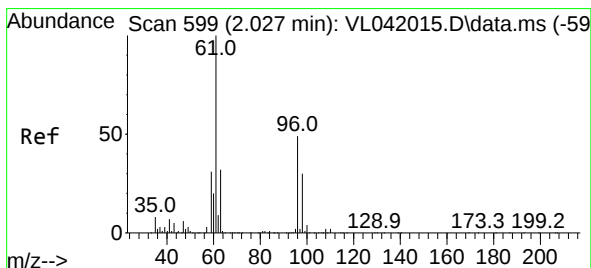
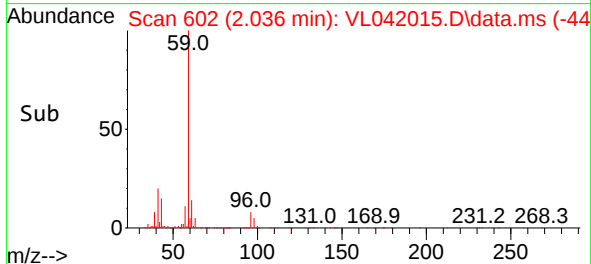
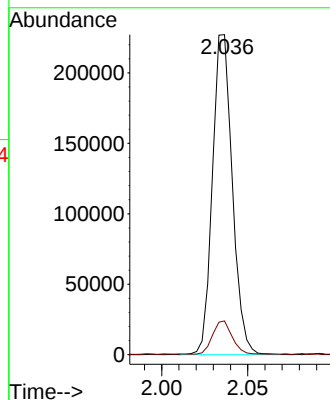
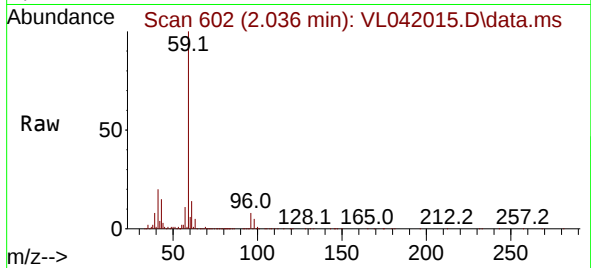
57 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#18

1,1-Dichloroethene

Concen: 8.916 ppbv

RT: 2.027 min Scan# 599

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

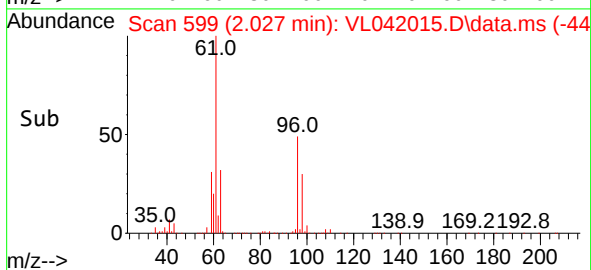
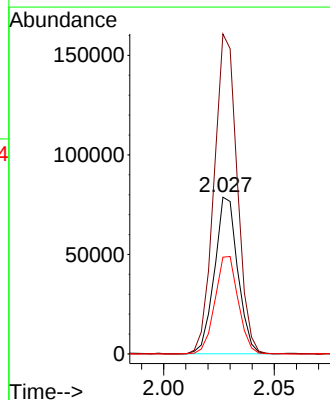
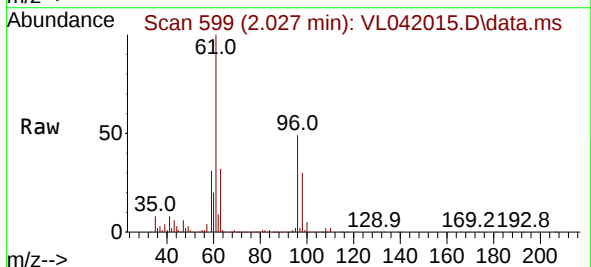
Tgt Ion: 96 Resp: 57429

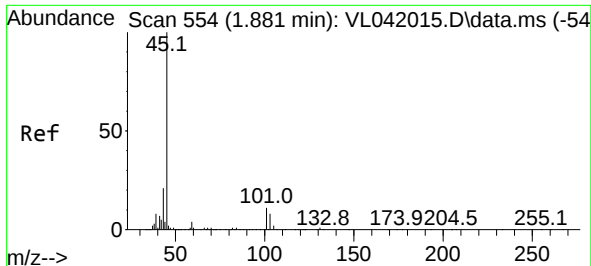
Ion Ratio Lower Upper

96 100

61 204.4 163.5 245.3

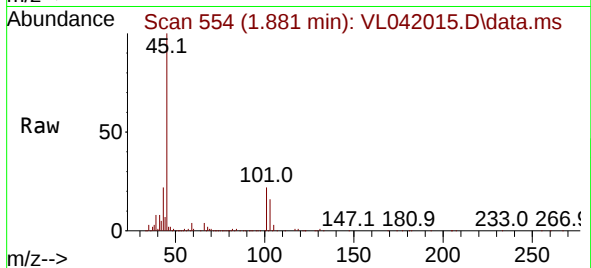
98 61.7 49.4 74.0





#19
Isopropyl Alcohol
Concen: 8.872 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

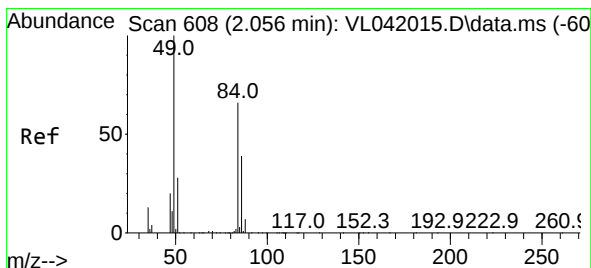
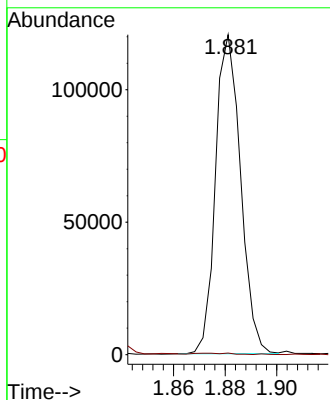
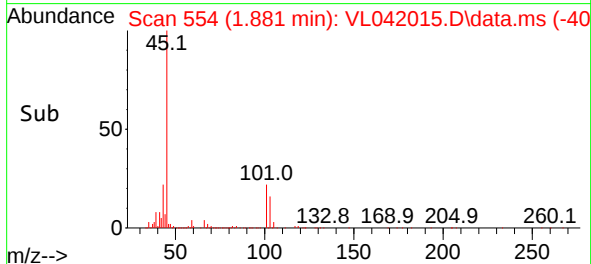
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



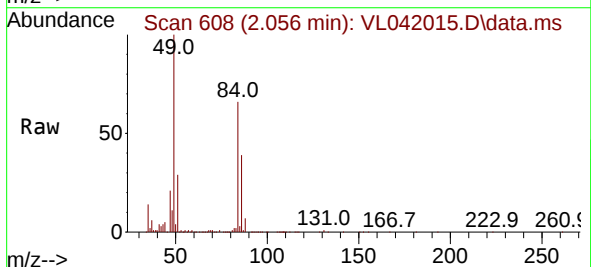
Tgt Ion: 45 Resp: 80952
Ion Ratio Lower Upper
45 100
58 45.3 36.2 54.4

Manual Integrations
APPROVED

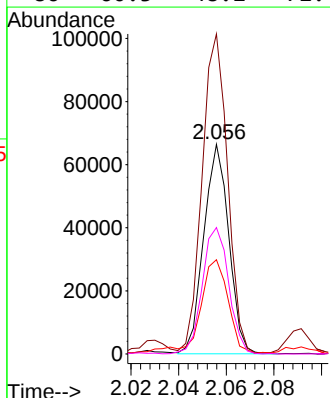
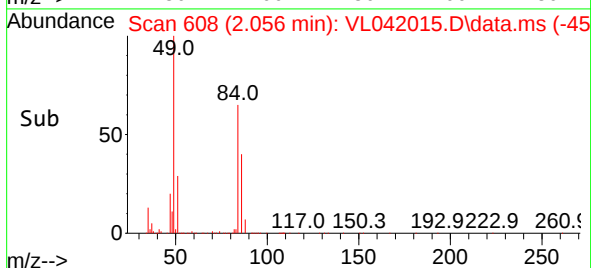
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

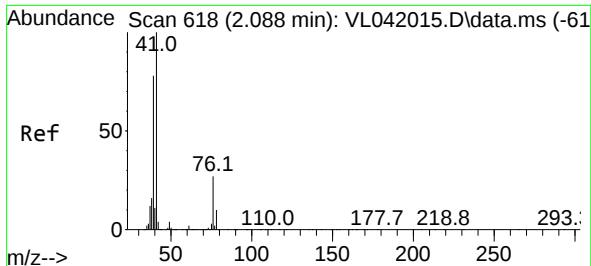


#20
Methylene Chloride
Concen: 7.938 ppbv
RT: 2.056 min Scan# 608
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



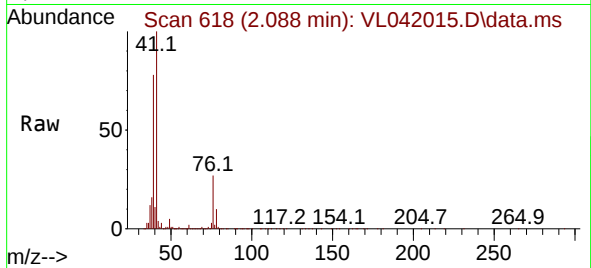
Tgt Ion: 84 Resp: 48346
Ion Ratio Lower Upper
84 100
49 151.2 121.0 181.4
51 43.9 35.1 52.7
86 60.3 48.2 72.4





#21
 Allyl Chloride
 Concen: 8.846 ppbv
 RT: 2.088 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

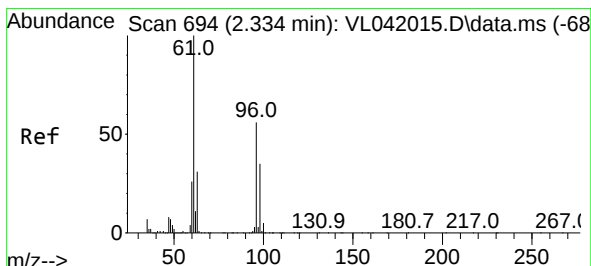
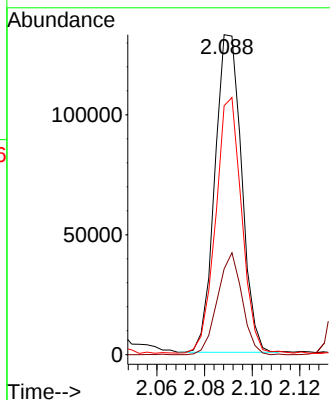
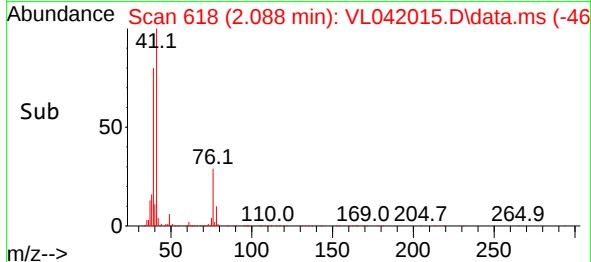
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



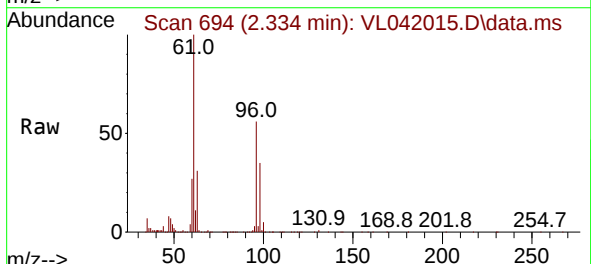
Tgt Ion: 41 Resp: 103000
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.7 35.5
 39 79.0 63.0 94.6

Manual Integrations
 APPROVED

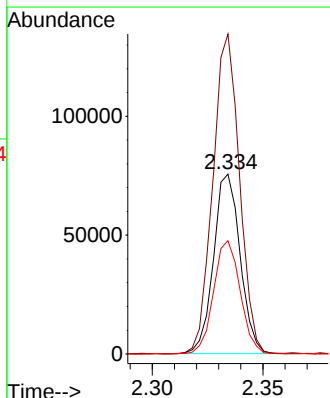
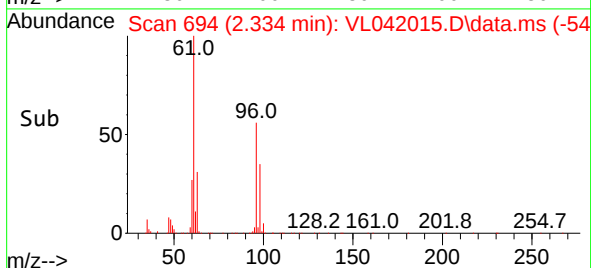
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

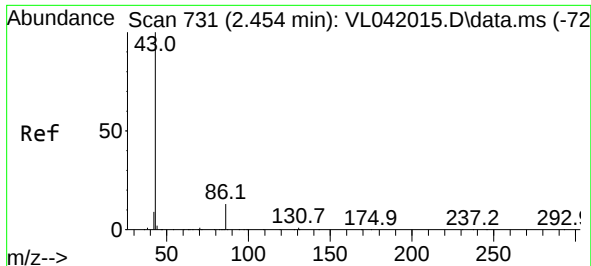


#22
 trans-1,2-Dichloroethene
 Concen: 9.199 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21



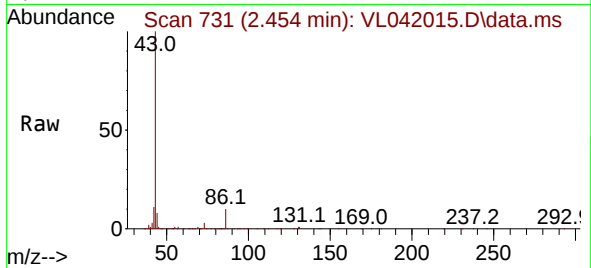
Tgt Ion: 96 Resp: 63168
 Ion Ratio Lower Upper
 96 100
 61 177.9 142.3 213.5
 98 62.7 50.2 75.2





#23
 Vinyl Acetate
 Concen: 8.915 ppbv
 RT: 2.454 min Scan# 731
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

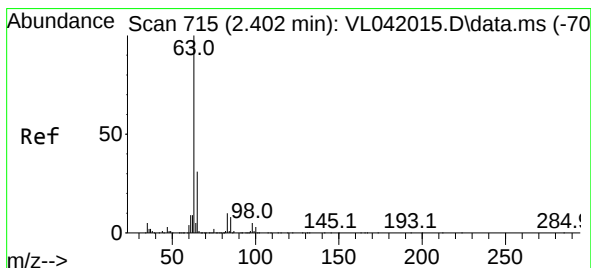
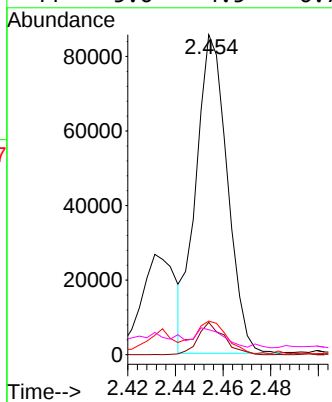
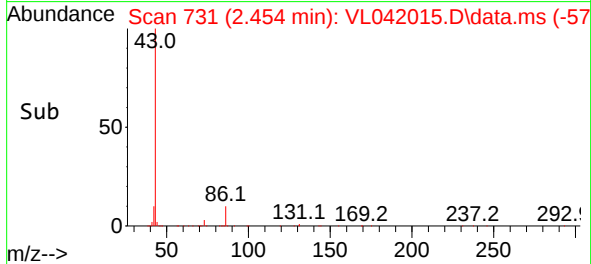
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010



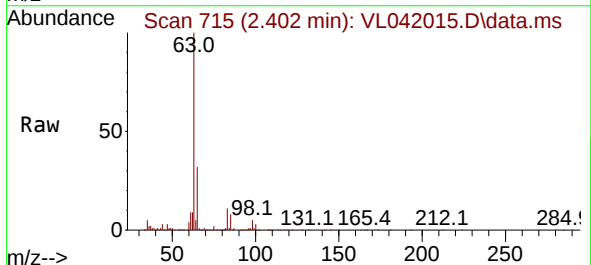
Tgt Ion:	43	Resp:	78098
Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.1	12.1
42	9.4	7.5	11.3
44	5.6	4.5	6.7

Manual Integrations
 APPROVED

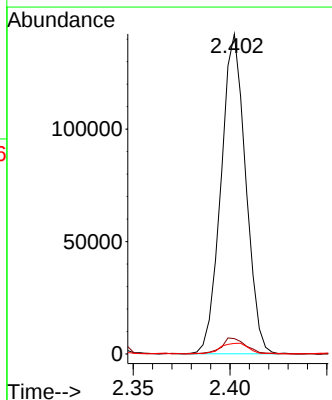
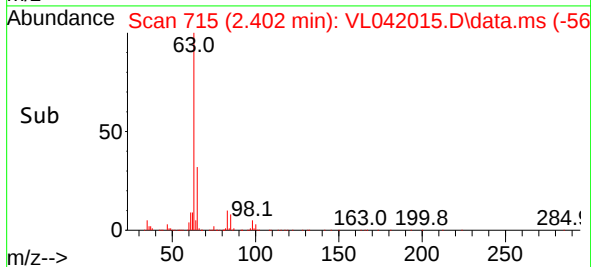
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

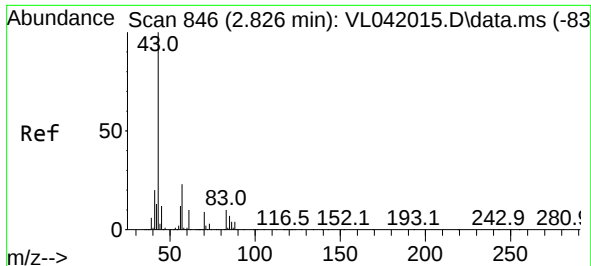


#24
 1,1-Dichloroethane
 Concen: 9.018 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21



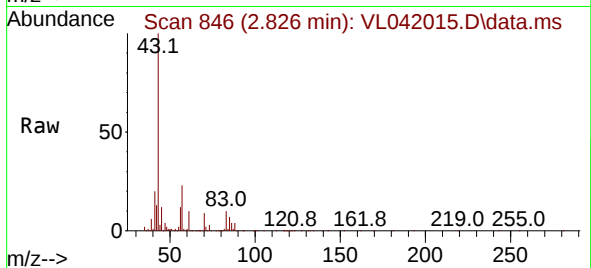
Tgt Ion:	63	Resp:	125735
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.4	7.2
100	3.2	1.6	4.8





#25
Ethyl Acetate
Concen: 9.124 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

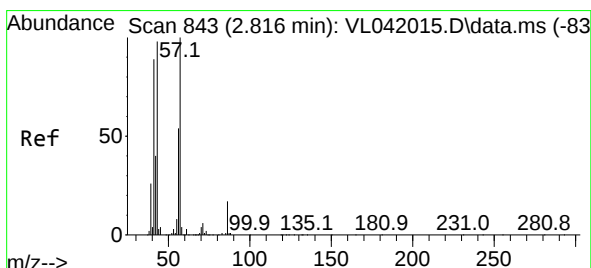
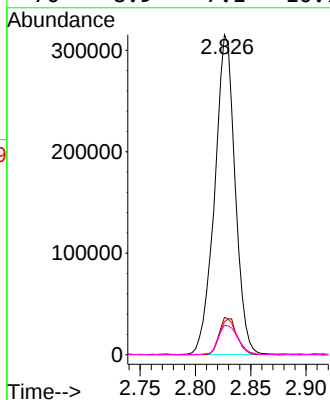
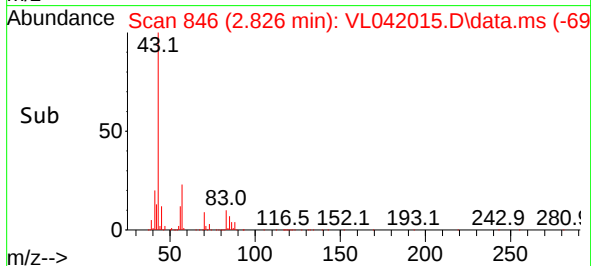
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



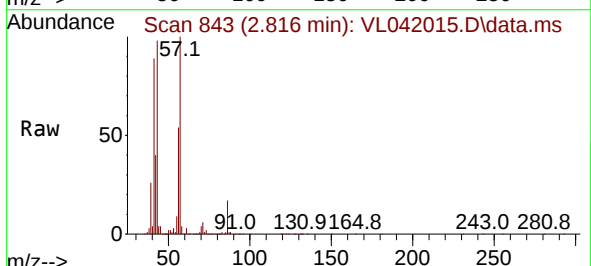
Tgt Ion: 43 Resp: 405138
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.4 7.5 11.3
70 8.9 7.1 10.7

Manual Integrations
APPROVED

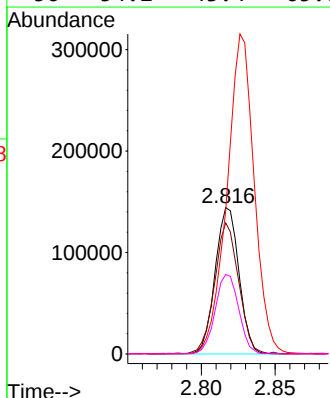
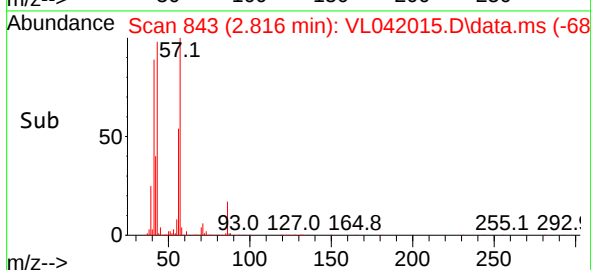
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

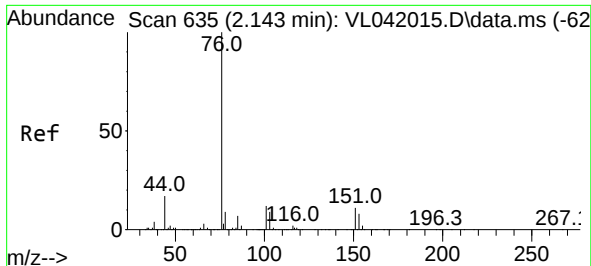


#26
Hexane
Concen: 9.076 ppbv
RT: 2.816 min Scan# 843
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



Tgt Ion: 57 Resp: 161725
Ion Ratio Lower Upper
57 100
41 91.4 73.2 109.8
43 249.9 200.8 301.2
56 54.2 43.4 65.0





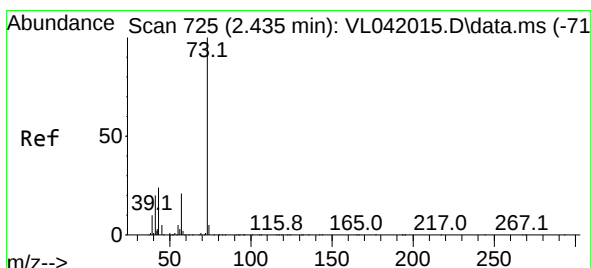
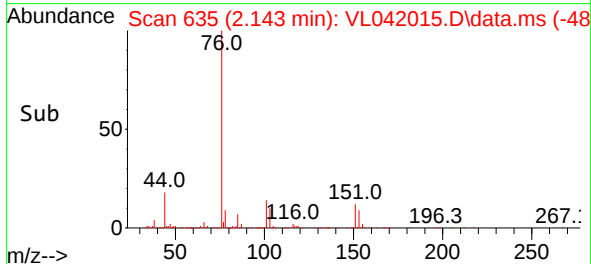
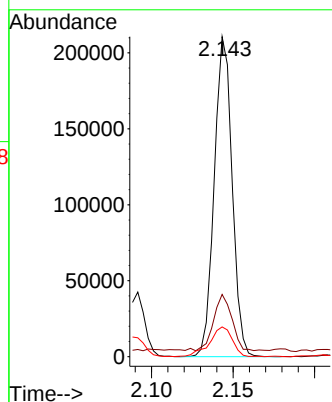
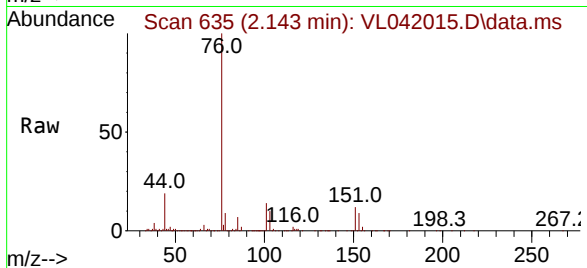
#27
Carbon Disulfide
Concen: 9.597 ppbv
RT: 2.143 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 16084
Ion Ratio Lower Upper
76 100
44 19.4 18.1 27.1
78 12.0 9.5 14.3

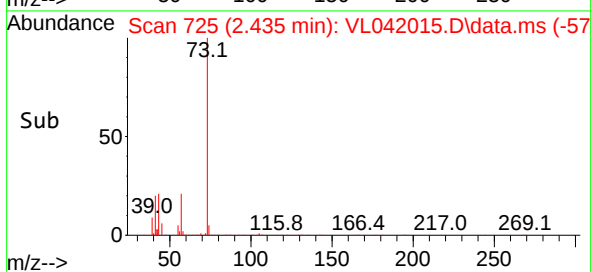
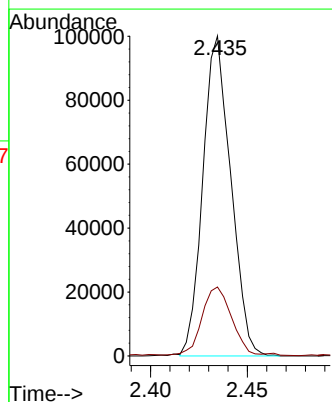
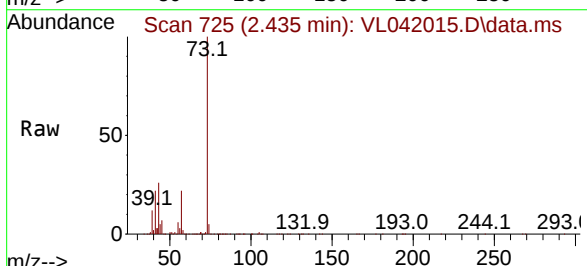
Manual Integrations
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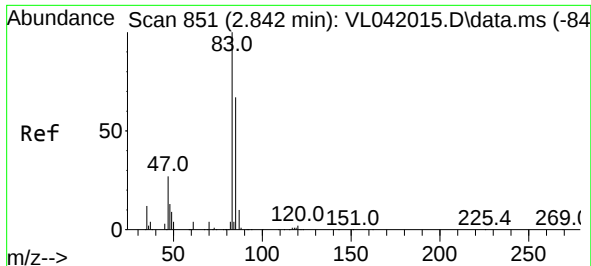
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#28
Methyl tert-Butyl Ether
Concen: 9.229 ppbv
RT: 2.435 min Scan# 725
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

Tgt Ion: 73 Resp: 100527
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5





#29

Chloroform

Concen: 9.244 ppbv

RT: 2.842 min Scan# 851

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 23856

Ion Ratio Lower Upper

83 100

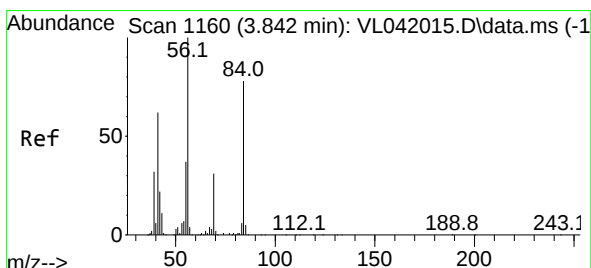
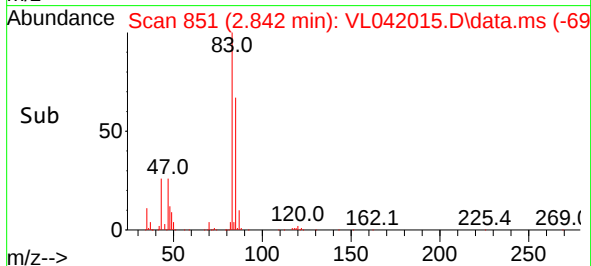
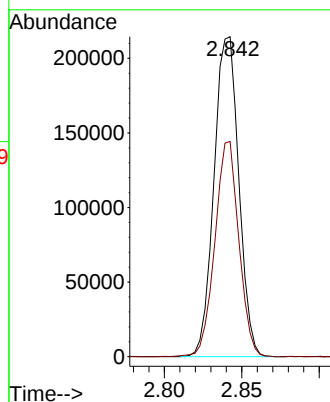
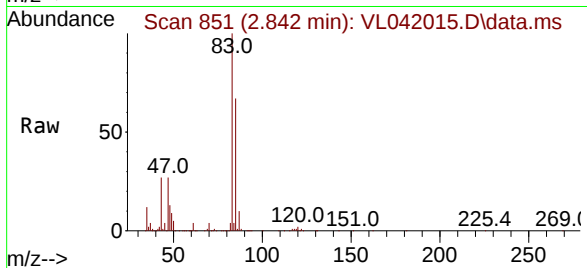
85 67.2 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#30

Cyclohexane

Concen: 5.507 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

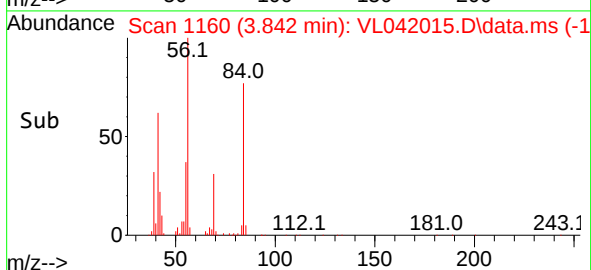
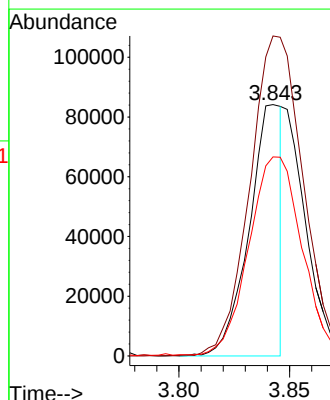
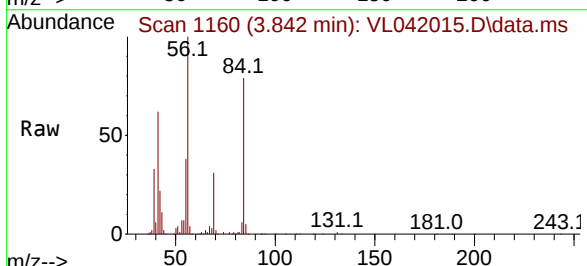
Tgt Ion: 84 Resp: 85945

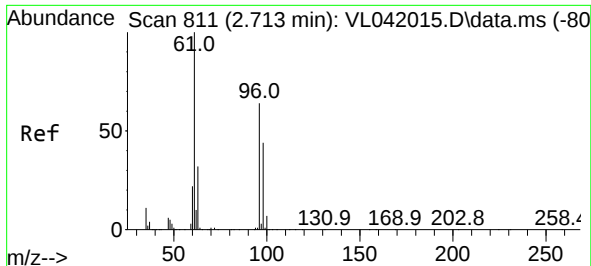
Ion Ratio Lower Upper

84 100

56 208.0 99.5 149.3#

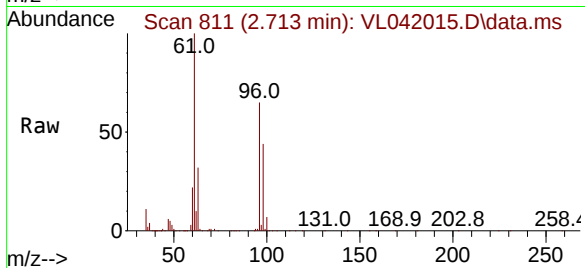
41 129.8 62.2 93.2#





#31
 cis-1,2-Dichloroethene
 Concen: 9.294 ppbv
 RT: 2.713 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

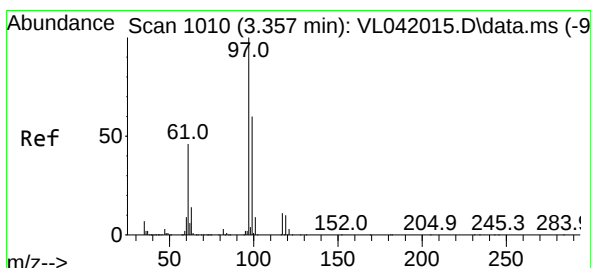
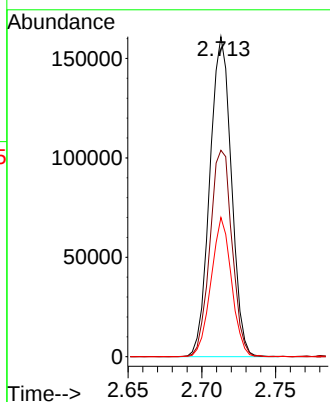
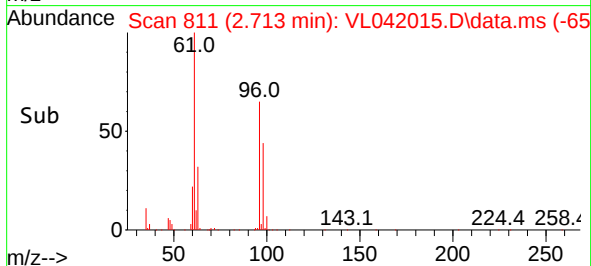
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



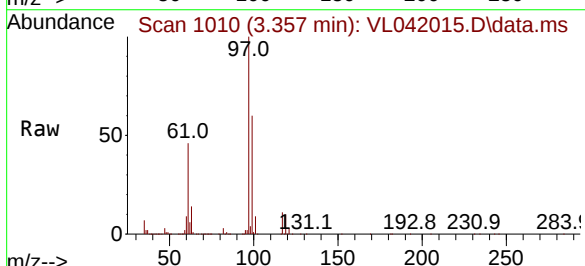
Tgt Ion: 61 Resp: 16369
 Ion Ratio Lower Upper
 61 100
 96 64.5 51.6 77.4
 98 43.5 34.8 52.2

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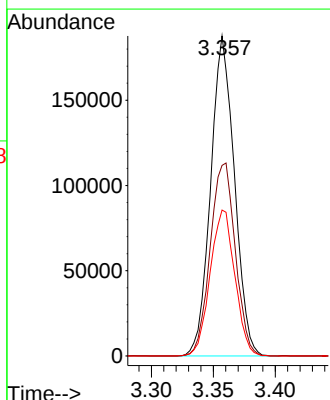
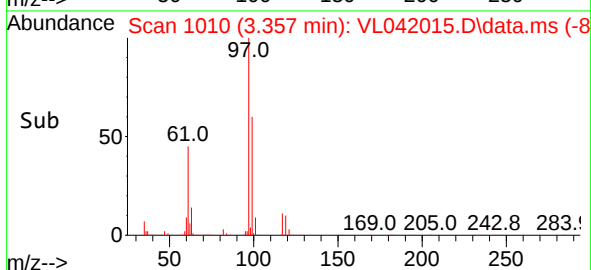
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

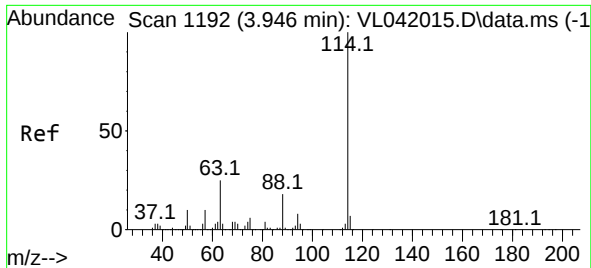


#32
 1,1,1-Trichloroethane
 Concen: 8.767 ppbv
 RT: 3.357 min Scan# 1010
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21



Tgt Ion: 97 Resp: 250927
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 47.4 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

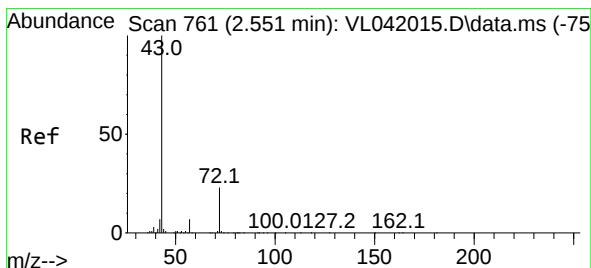
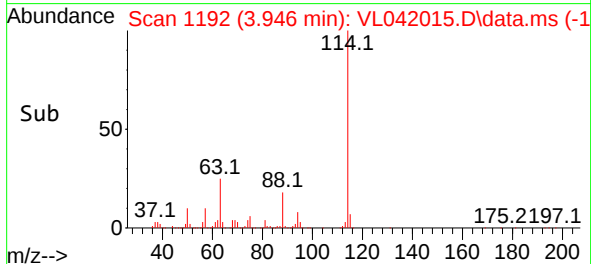
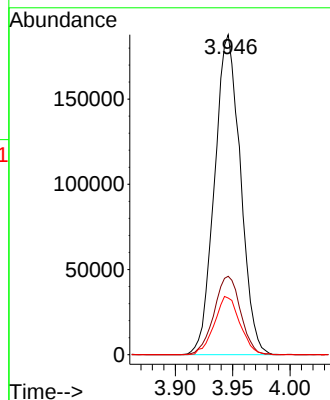
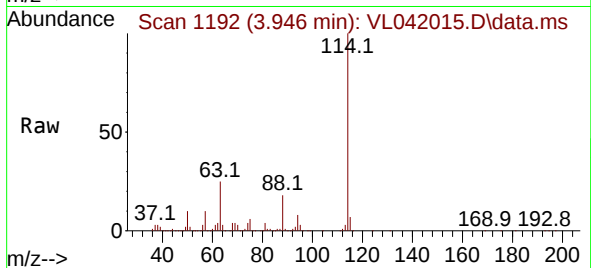
VSTDICCC010

Tgt Ion:114 Resp: 294480
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.2 30.2
 88 18.0 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#34

2-Butanone

Concen: 9.066 ppbv

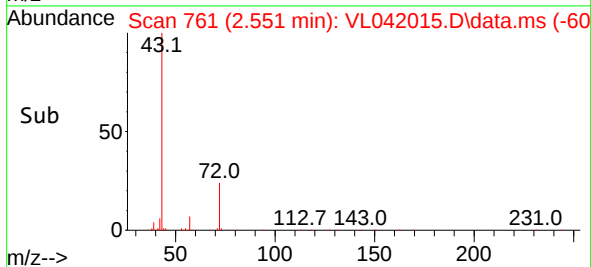
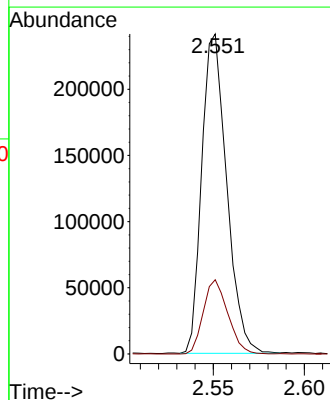
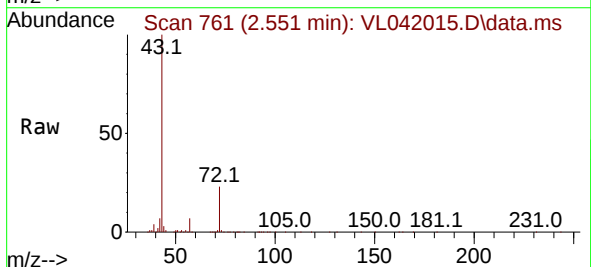
RT: 2.551 min Scan# 761

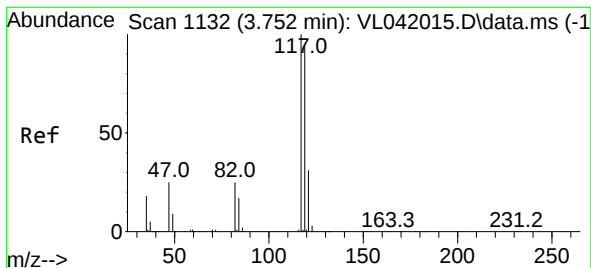
Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Tgt Ion: 43 Resp: 229677
 Ion Ratio Lower Upper
 43 100
 72 22.9 18.3 27.5





#35

Carbon Tetrachloride

Concen: 8.898 ppbv

RT: 3.752 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 249438

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.6

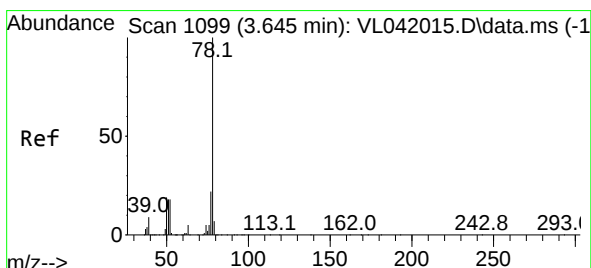
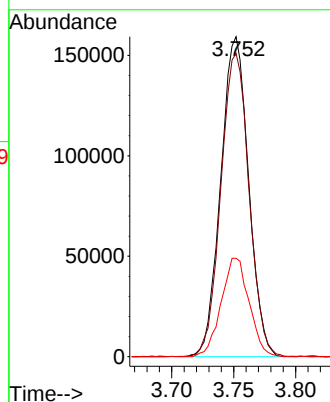
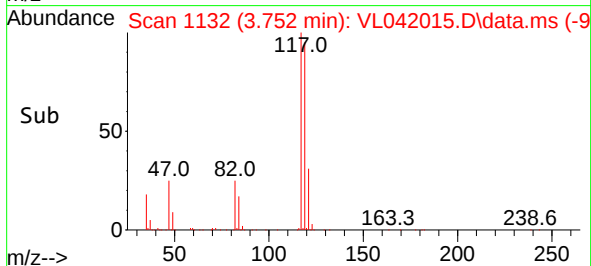
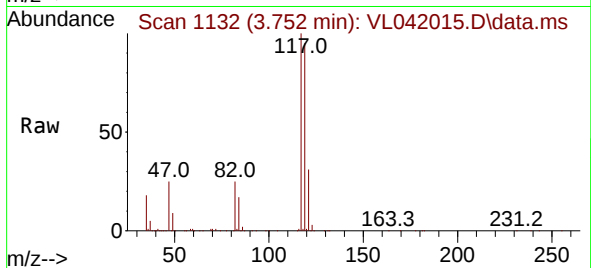
121 30.7 24.6 36.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#36

Benzene

Concen: 9.365 ppbv

RT: 3.645 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

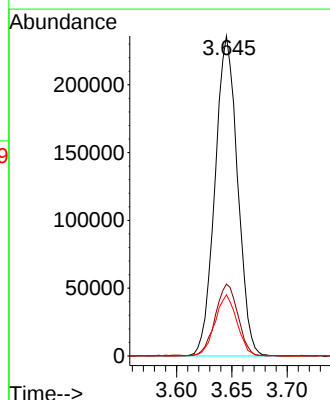
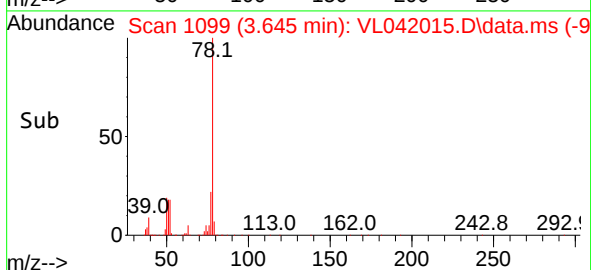
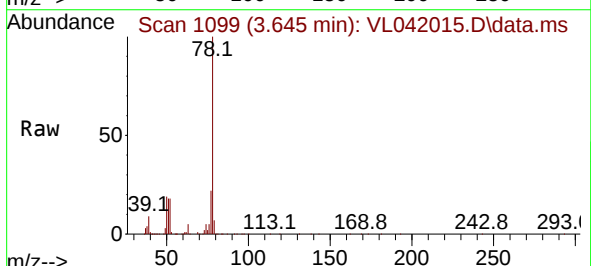
Tgt Ion: 78 Resp: 334046

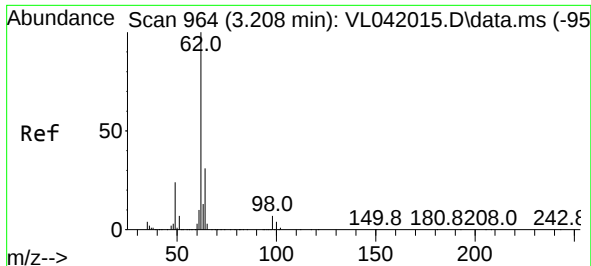
Ion Ratio Lower Upper

78 100

77 22.5 18.0 27.0

50 19.0 15.2 22.8





#37

1,2-Dichloroethane

Concen: 9.008 ppbv

RT: 3.208 min Scan# 964

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 182915

Ion Ratio Lower Upper

62 100

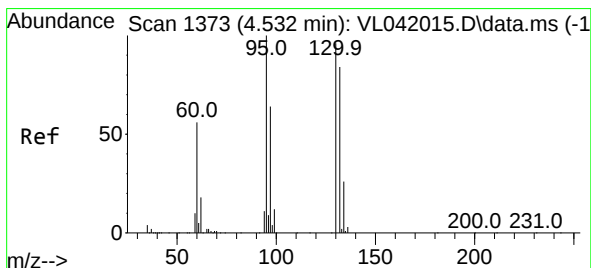
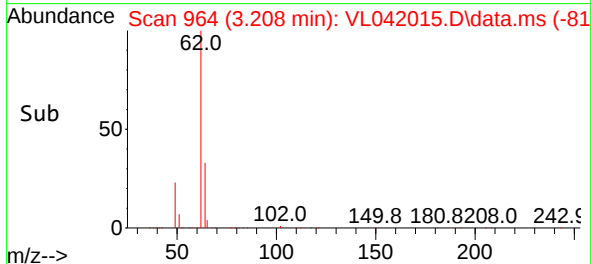
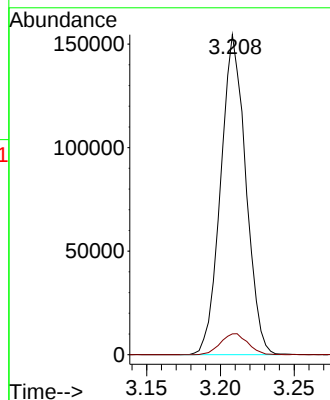
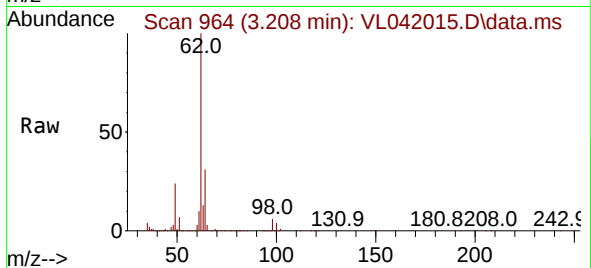
98 7.1 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#38

Trichloroethene

Concen: 9.032 ppbv

RT: 4.532 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Tgt Ion:130 Resp: 132325

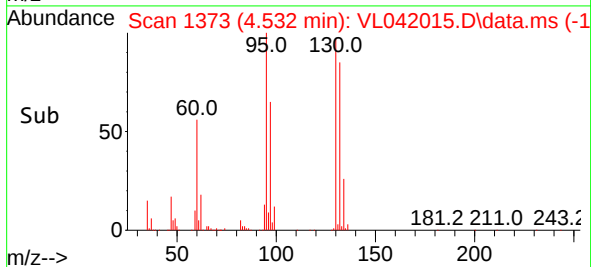
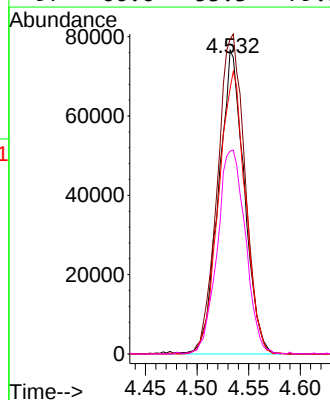
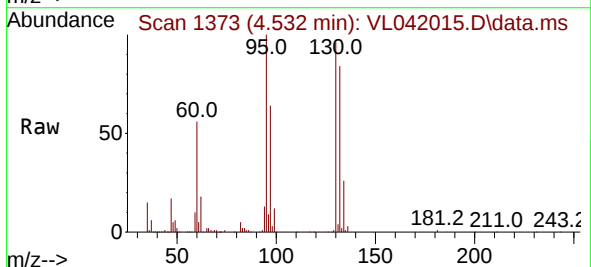
Ion Ratio Lower Upper

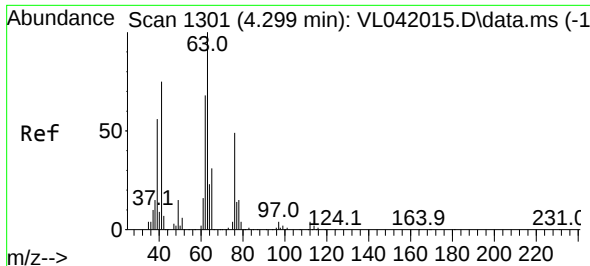
130 100

95 103.5 82.8 124.2

132 87.5 70.0 105.0

97 66.6 53.3 79.9





#39

1,2-Dichloropropane

Concen: 9.029 ppbv

RT: 4.299 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VL042015.D

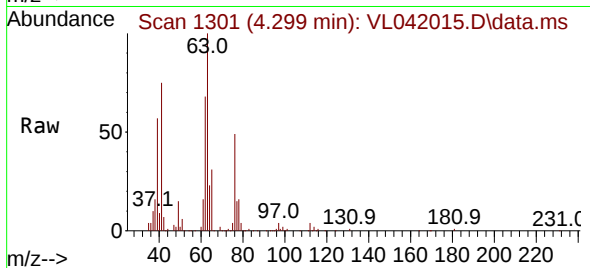
Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



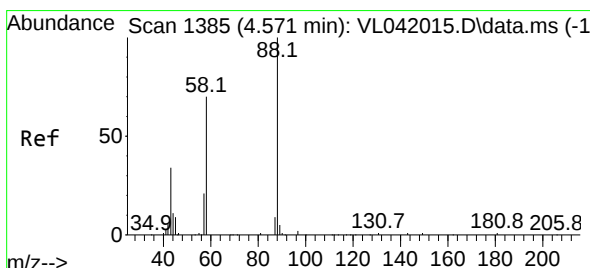
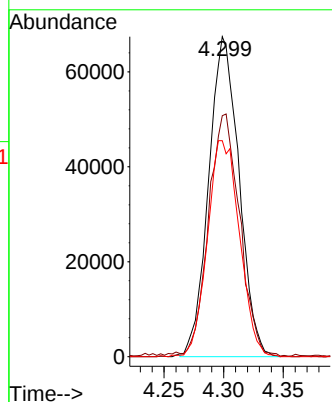
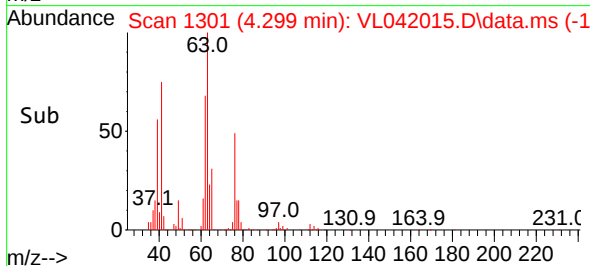
Tgt Ion: 63 Resp: 11949

Ion	Ratio	Lower	Upper
63	100		
41	75.1	60.1	90.1
62	67.5	54.0	81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#40

1,4-Dioxane

Concen: 8.736 ppbv m

RT: 4.571 min Scan# 1385

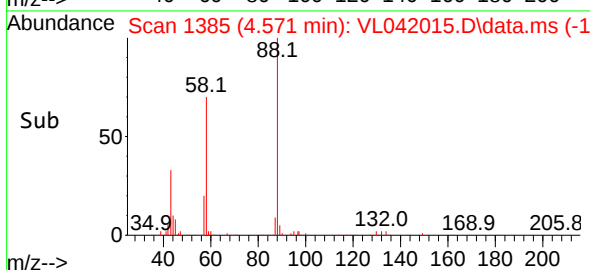
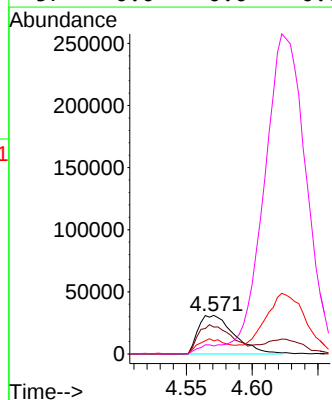
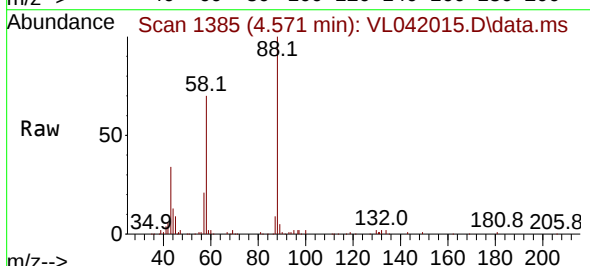
Delta R.T. 0.000 min

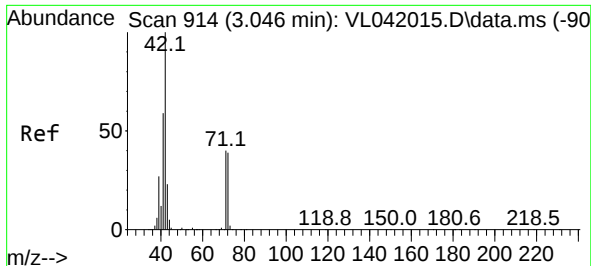
Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Tgt Ion: 88 Resp: 59102

Ion	Ratio	Lower	Upper
88	100		
58	70.5	58.1	87.1
43	31.2	27.3	40.9
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.228 ppbv

RT: 3.046 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 42 Resp: 13641

Ion Ratio Lower Upper

42 100

72 40.4 32.3 48.5

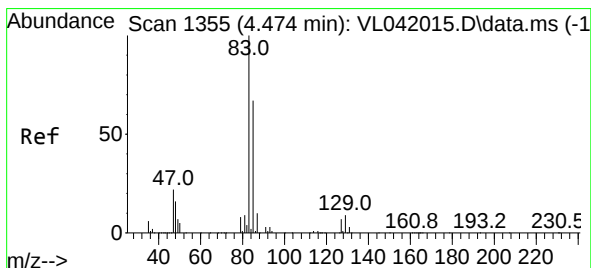
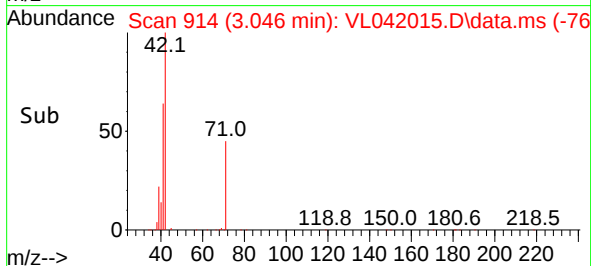
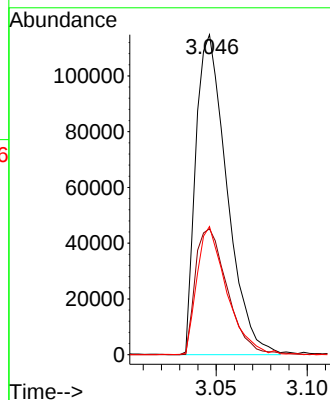
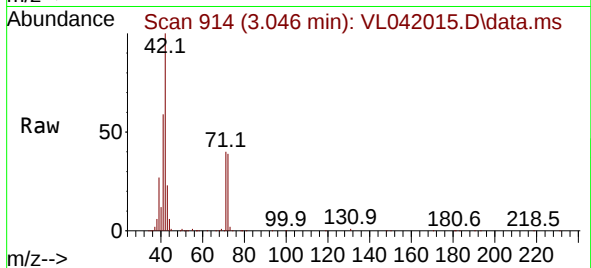
71 38.6 30.9 46.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#42

Bromodichloromethane

Concen: 9.665 ppbv

RT: 4.474 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

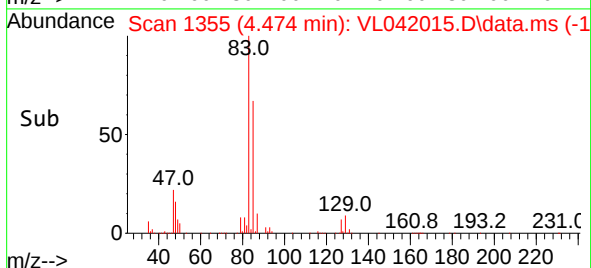
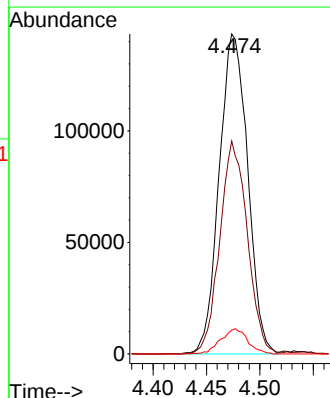
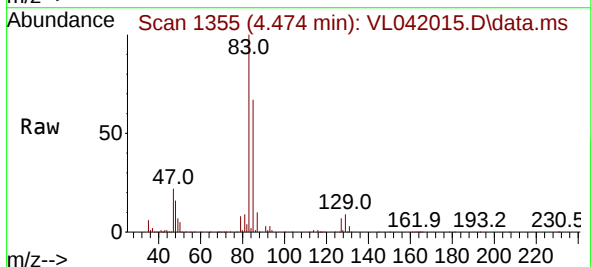
Tgt Ion: 83 Resp: 266025

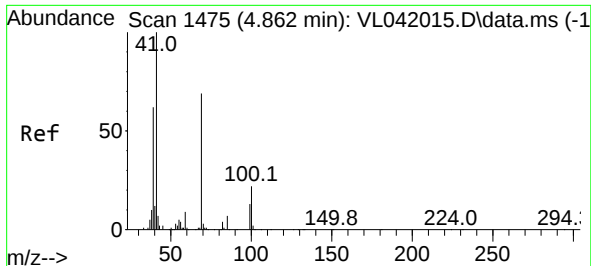
Ion Ratio Lower Upper

83 100

85 66.6 53.3 79.9

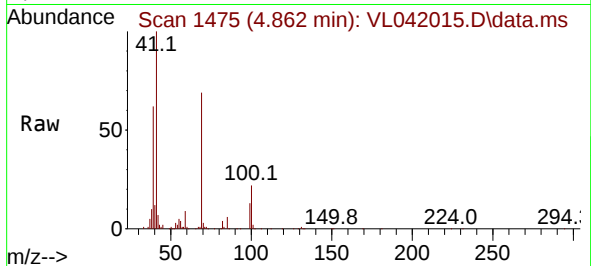
127 7.5 6.0 9.0





#43
Methyl Methacrylate
Concen: 8.741 ppbv
RT: 4.862 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

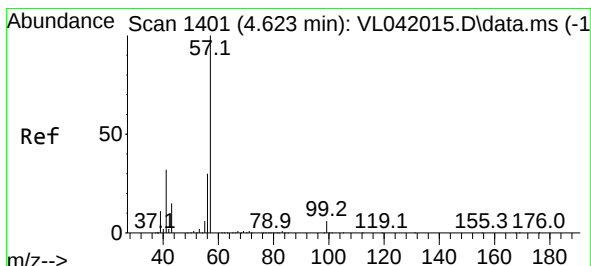
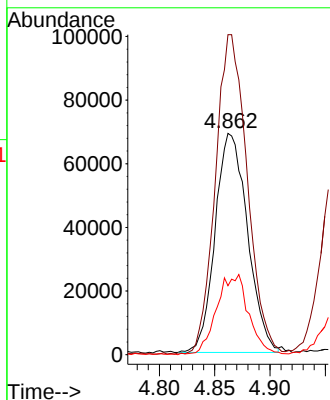
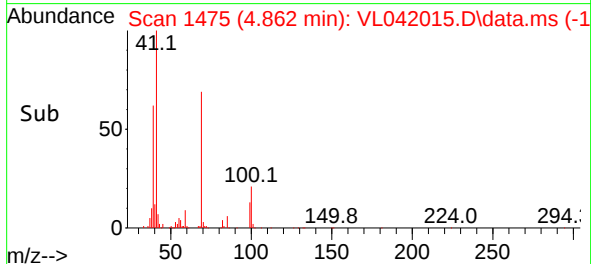
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 140158
Ion Ratio Lower Upper
69 100
41 143.5 114.9 172.3
100 35.3 28.8 43.2

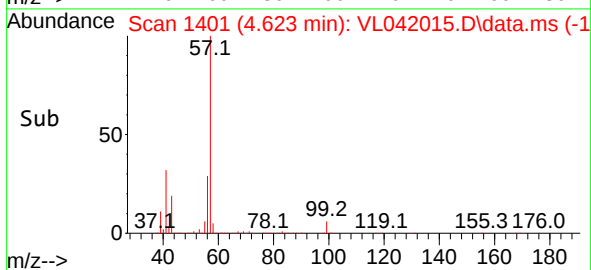
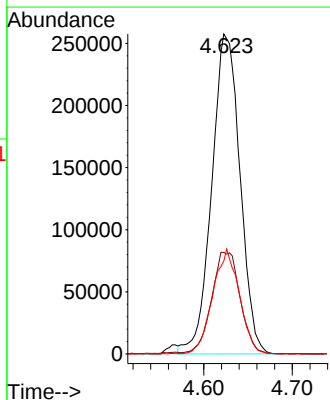
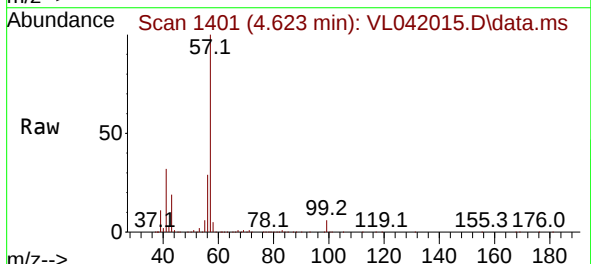
Manual Integrations
APPROVED

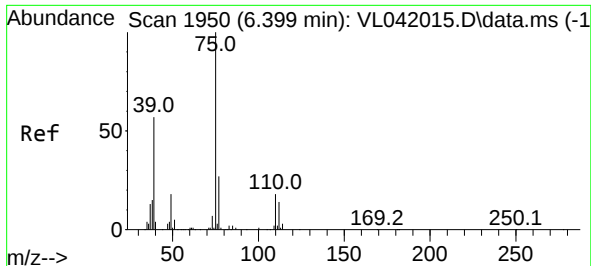
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#44
2,2,4-Trimethylpentane
Concen: 9.418 ppbv
RT: 4.623 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

Tgt Ion: 57 Resp: 570322
Ion Ratio Lower Upper
57 100
41 32.6 25.9 38.9
56 31.1 24.9 37.3





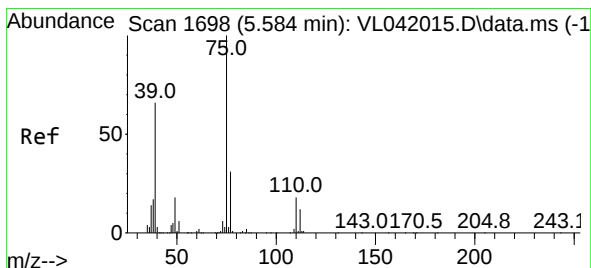
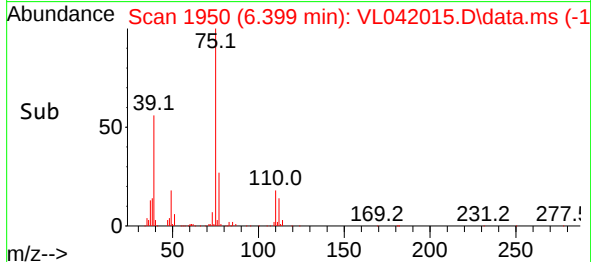
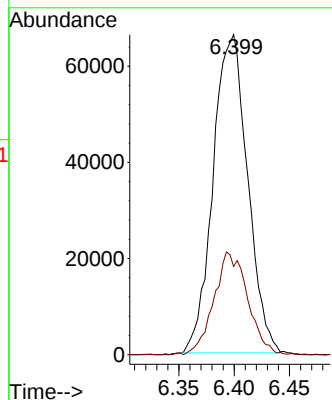
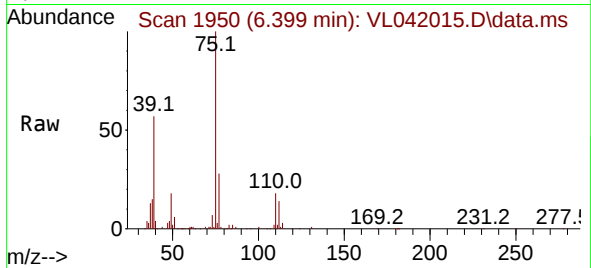
#45
 t-1,3-Dichloropropene
 Concen: 9.341 ppbv
 RT: 6.399 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 143572
 Ion Ratio Lower Upper
 75 100
 77 27.6 22.1 33.1

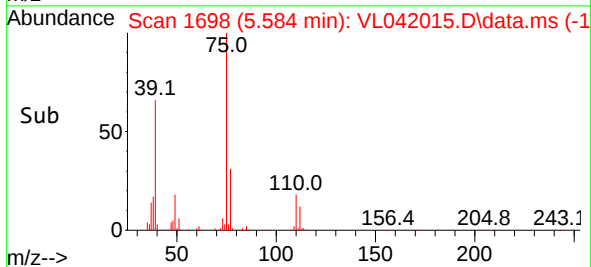
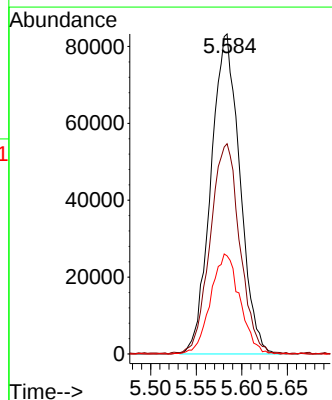
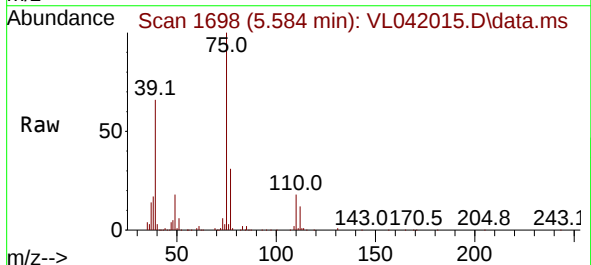
Manual Integrations
 APPROVED

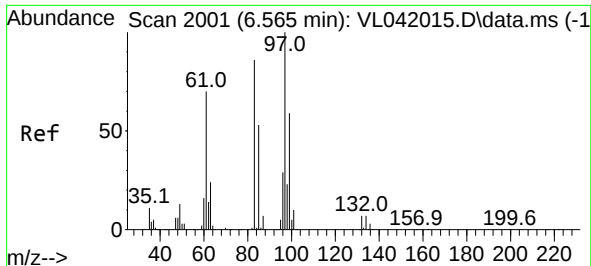
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#46
 cis-1,3-Dichloropropene
 Concen: 9.437 ppbv
 RT: 5.584 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

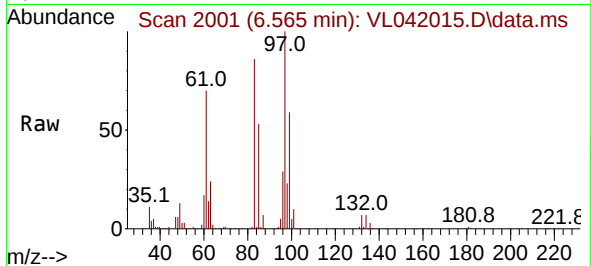
Tgt Ion: 75 Resp: 183791
 Ion Ratio Lower Upper
 75 100
 39 65.3 52.2 78.4
 77 30.6 24.5 36.7





#47
1,1,2-Trichloroethane
Concen: 9.173 ppbv
RT: 6.565 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

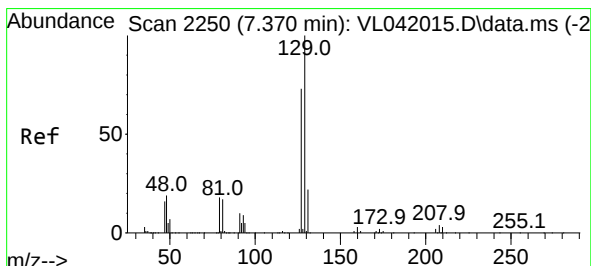
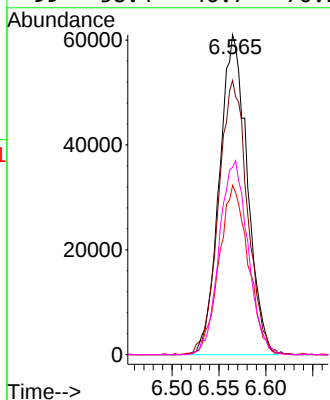
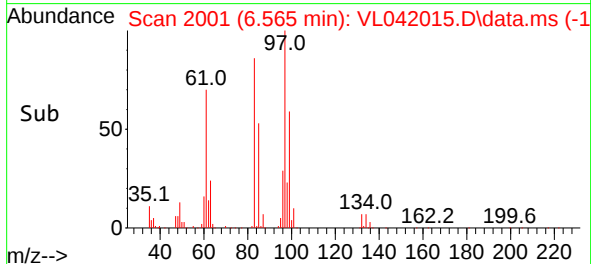
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



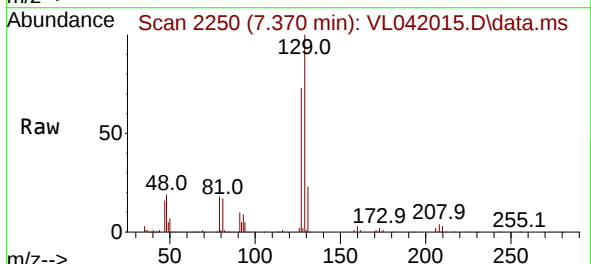
Tgt Ion: 97 Resp: 126250
Ion Ratio Lower Upper
97 100
83 85.7 68.6 102.8
85 52.8 42.2 63.4
99 58.4 46.7 70.1

Manual Integrations
APPROVED

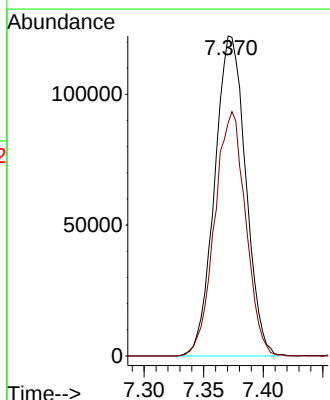
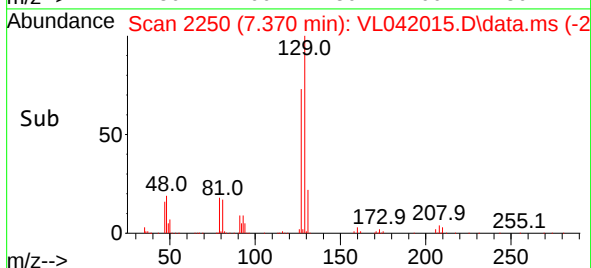
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

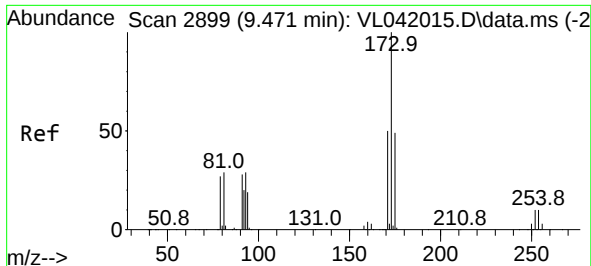


#48
Dibromochloromethane
Concen: 9.678 ppbv
RT: 7.370 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



Tgt Ion:129 Resp: 221338
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





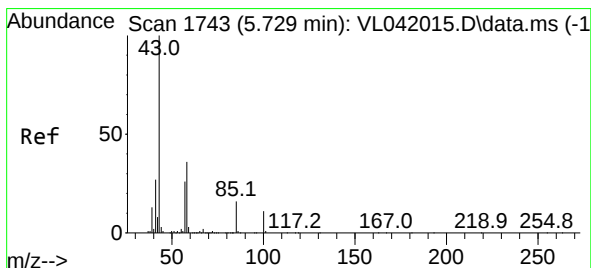
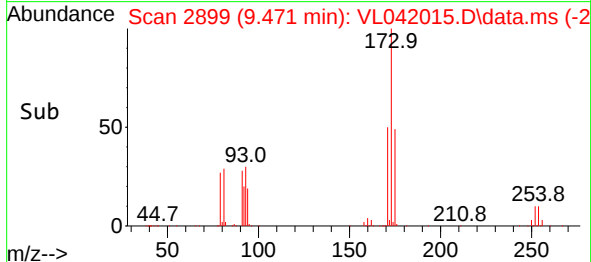
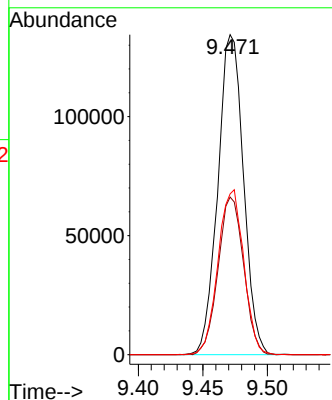
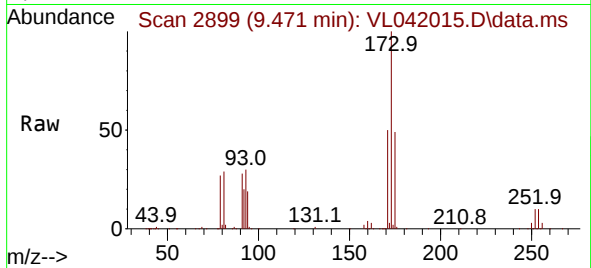
#49
Bromoform
Concen: 9.810 ppbv
RT: 9.471 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 18548
Ion Ratio Lower Upper
173 100
175 49.1 39.3 58.9
171 51.8 41.4 62.2

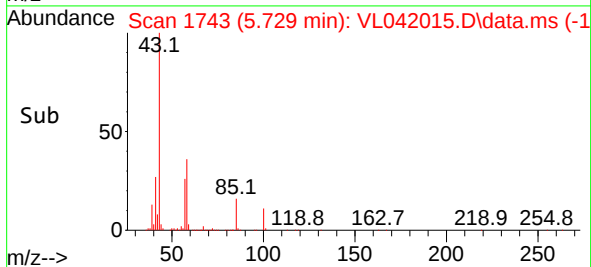
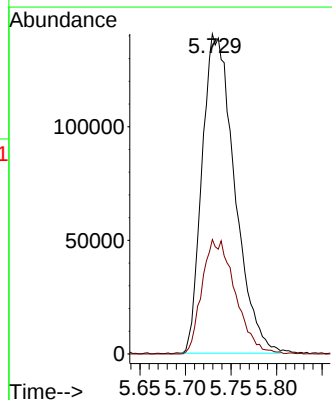
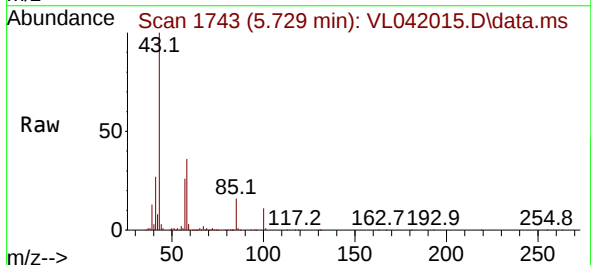
Manual Integrations
APPROVED

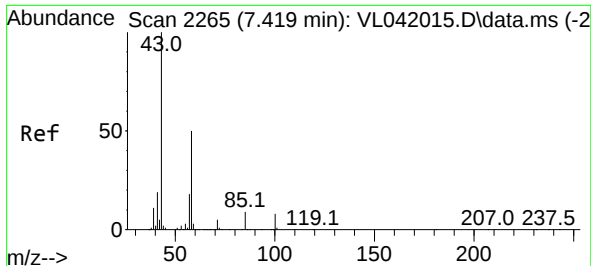
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#50
4-Methyl-2-Pentanone
Concen: 8.851 ppbv
RT: 5.729 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

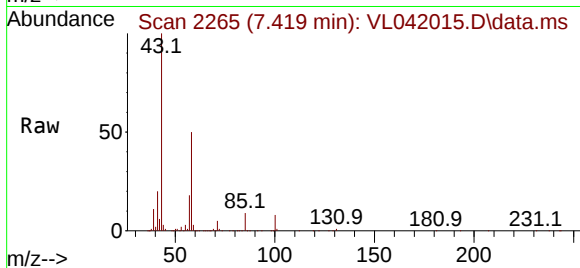
Tgt Ion: 43 Resp: 348502
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0





#51
2-Hexanone
Concen: 8.796 ppbv
RT: 7.419 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

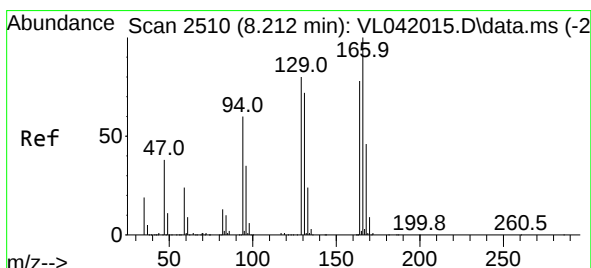
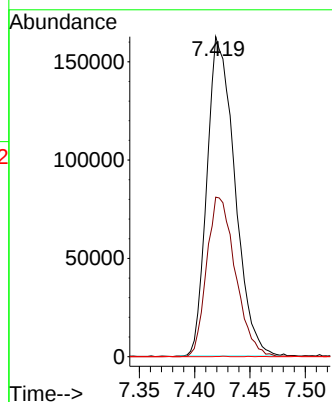
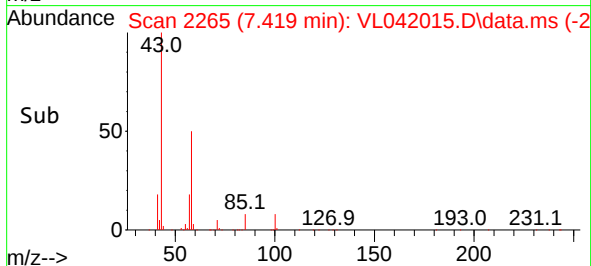
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 28385
Ion Ratio Lower Upper
43 100
58 51.7 41.4 62.0
98 0.0 0.0 0.0

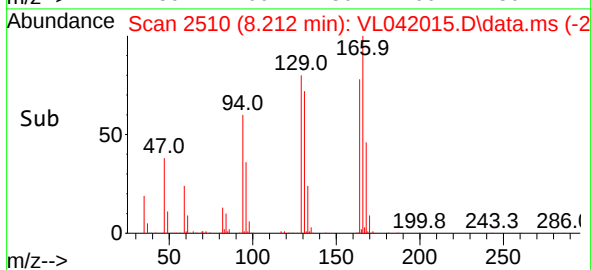
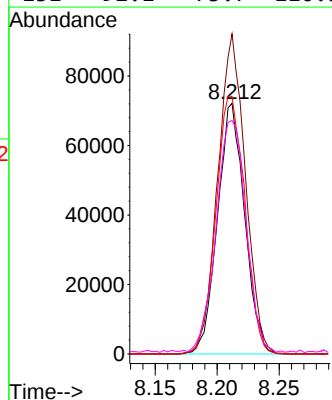
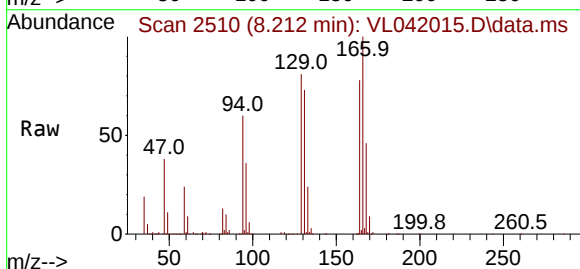
Manual Integrations
APPROVED

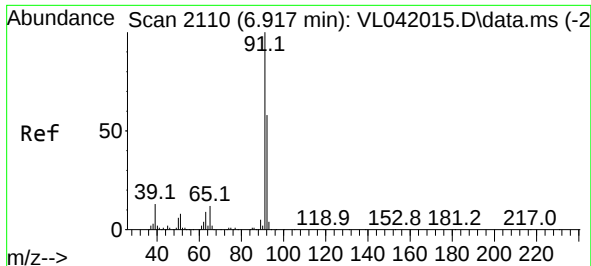
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#52
Tetrachloroethene
Concen: 8.839 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

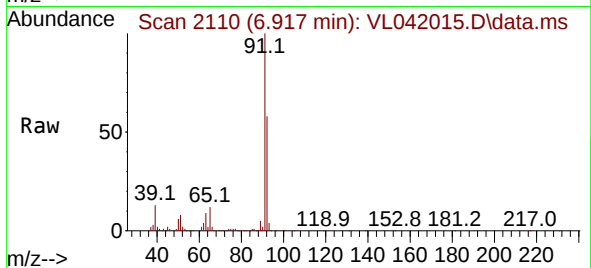
Tgt Ion:164 Resp: 110062
Ion Ratio Lower Upper
164 100
166 127.7 102.2 153.2
129 102.8 82.2 123.4
131 92.1 73.7 110.5





#53
Toluene
Concen: 9.385 ppbv
RT: 6.917 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

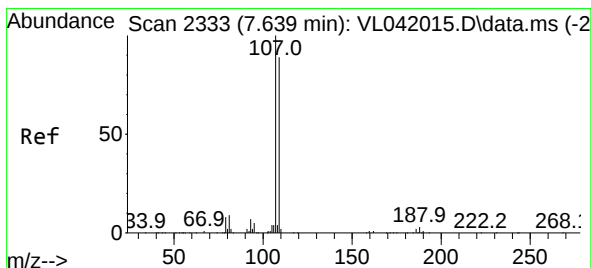
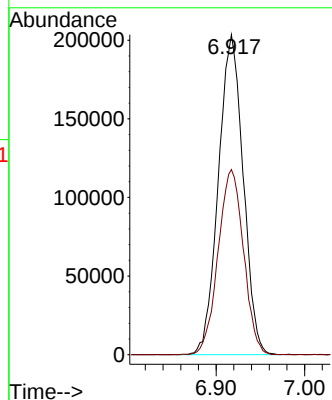
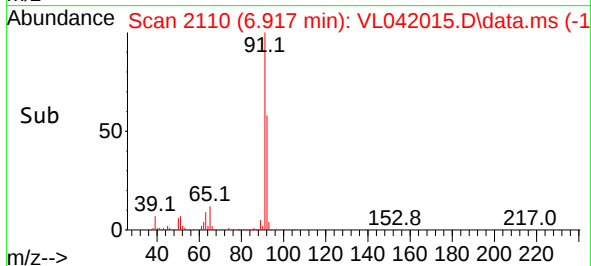
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



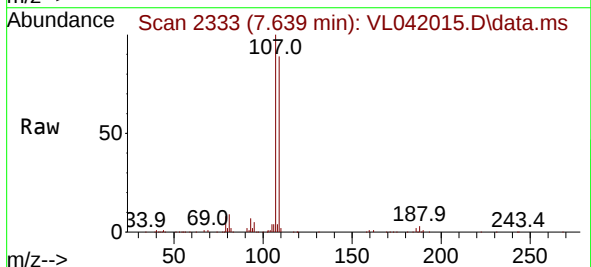
Tgt Ion: 91 Resp: 396144
Ion Ratio Lower Upper
91 100
92 59.4 47.5 71.3

Manual Integrations
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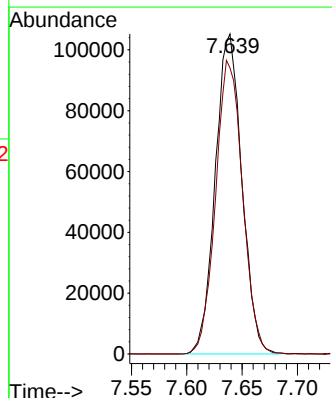
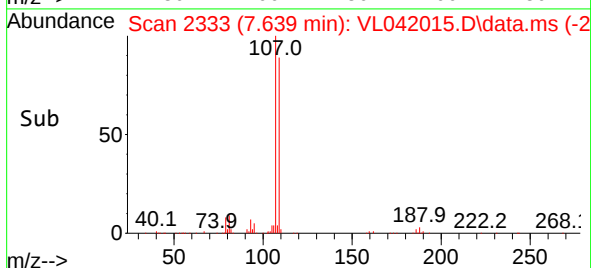
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

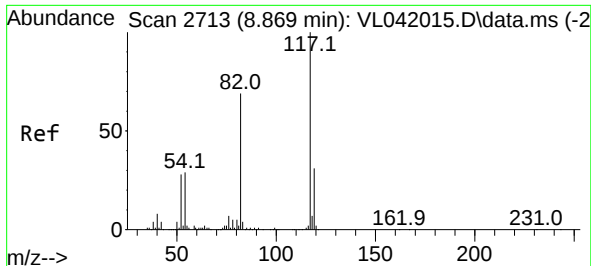


#54
1,2-Dibromoethane
Concen: 9.171 ppbv
RT: 7.639 min Scan# 2333
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



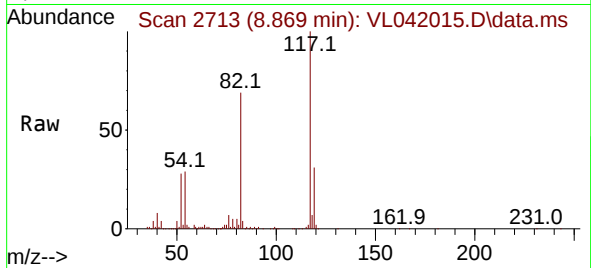
Tgt Ion:107 Resp: 176072
Ion Ratio Lower Upper
107 100
109 89.4 71.5 107.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2713
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

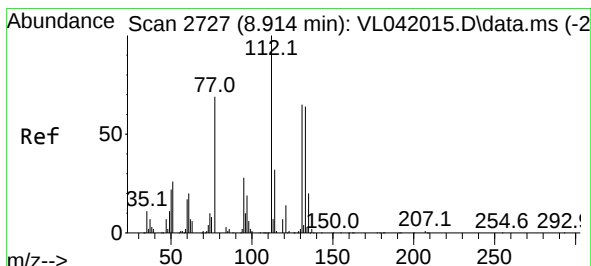
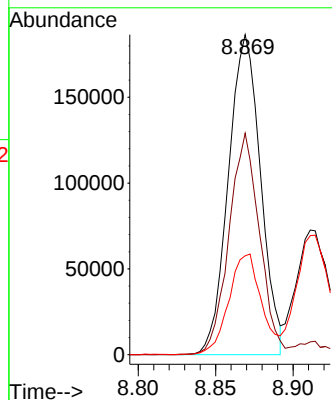
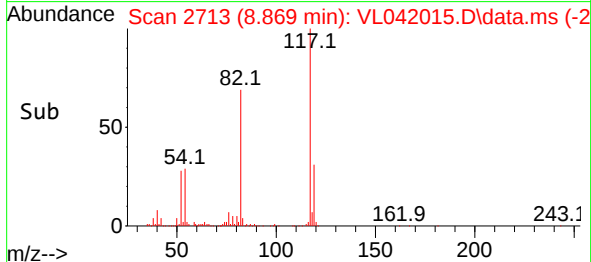
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



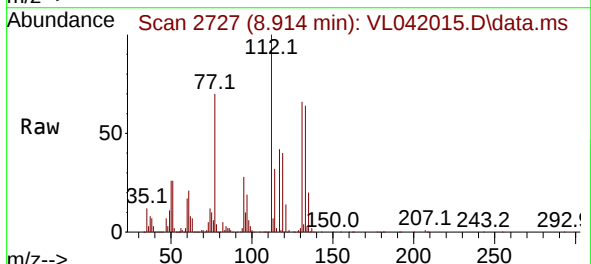
Tgt Ion:117 Resp: 270090
Ion Ratio Lower Upper
117 100
82 69.6 55.7 83.5
119 33.4 25.2 37.8

Manual Integrations
APPROVED

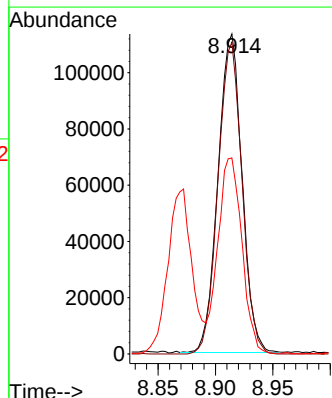
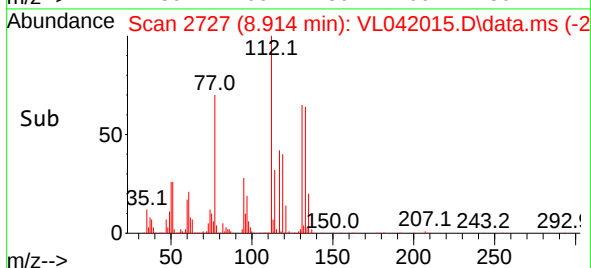
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

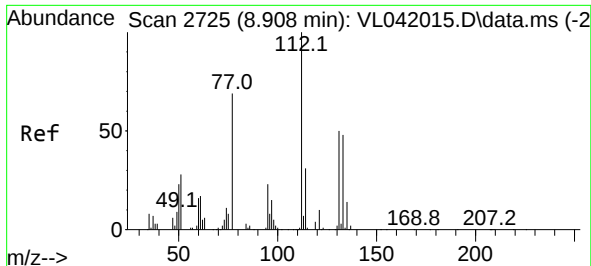


#56
1,1,1,2-Tetrachloroethane
Concen: 8.570 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



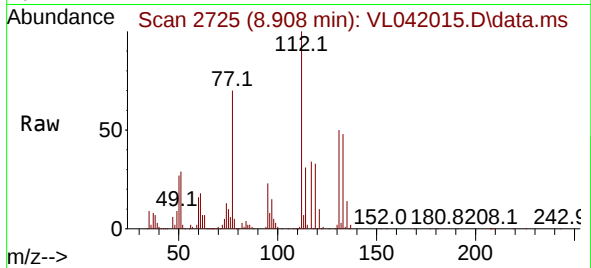
Tgt Ion:131 Resp: 165236
Ion Ratio Lower Upper
131 100
133 97.3 77.8 116.8
119 61.4 49.1 73.7





#57
Chlorobenzene
Concen: 9.027 ppbv
RT: 8.908 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

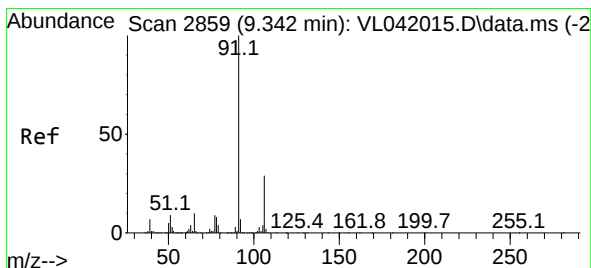
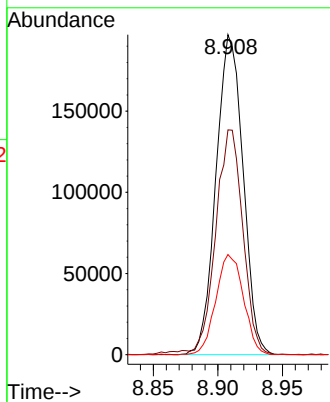
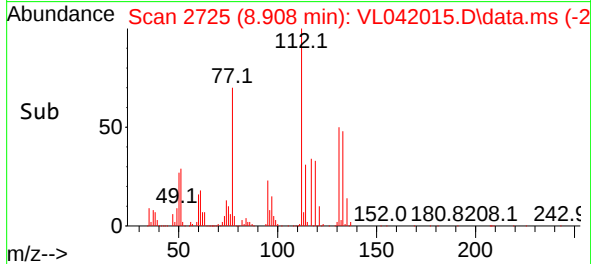
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 286810
Ion Ratio Lower Upper
112 100
77 70.2 56.2 84.2
114 31.3 28.2 34.4

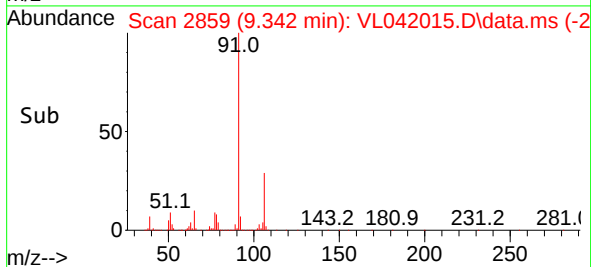
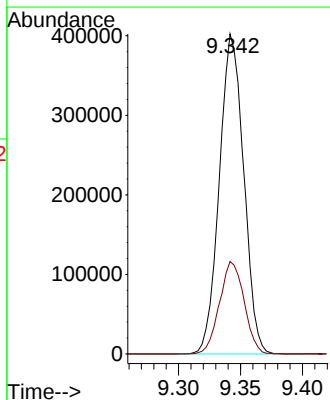
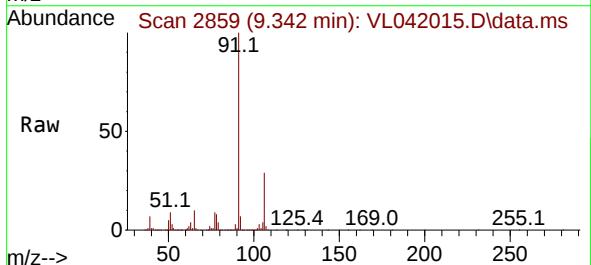
Manual Integrations
APPROVED

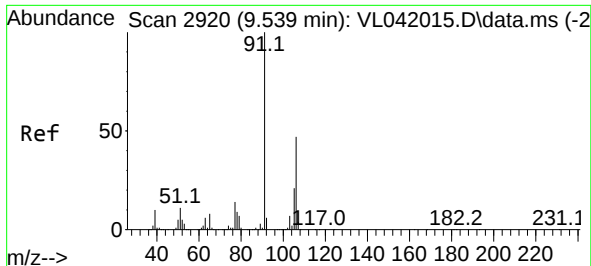
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#58
Ethyl Benzene
Concen: 9.315 ppbv
RT: 9.342 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

Tgt Ion: 91 Resp: 550649
Ion Ratio Lower Upper
91 100
106 28.9 23.1 34.7





#59

m/p-Xylene

Concen: 18.230 ppbv m

RT: 9.539 min Scan# 2920

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 84953

Ion Ratio Lower Upper

91 100

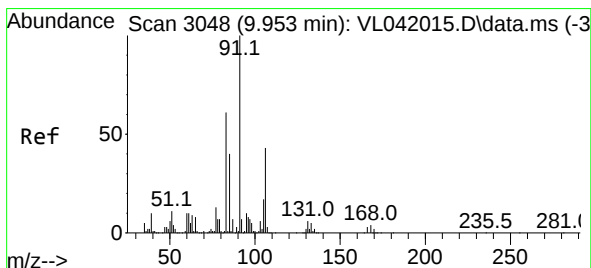
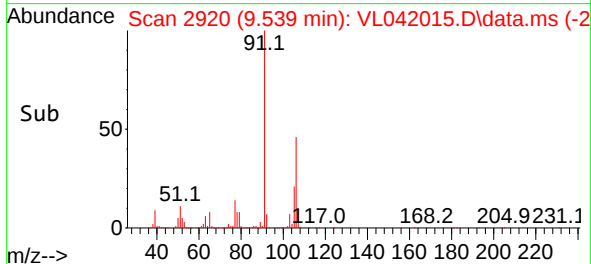
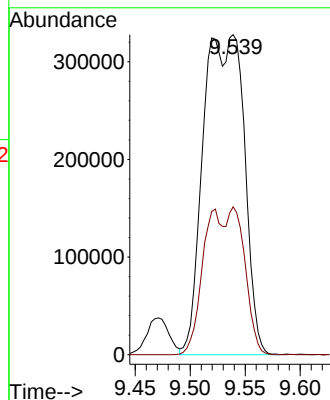
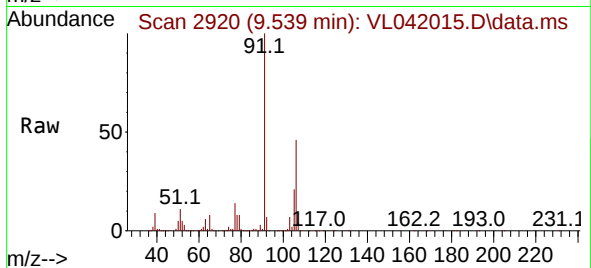
106 44.7 35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#60

o-Xylene

Concen: 8.931 ppbv

RT: 9.953 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL042015.D

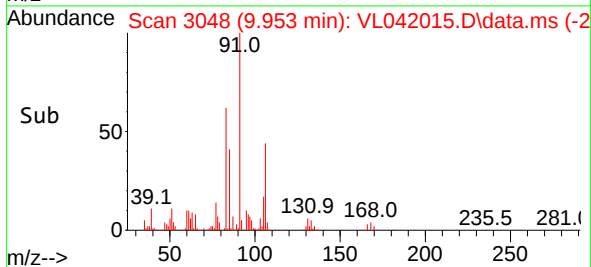
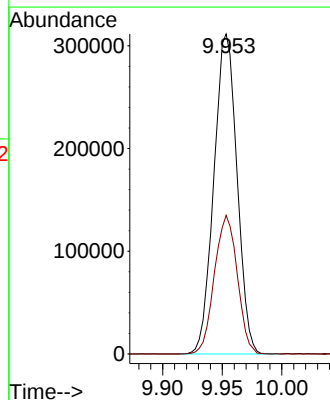
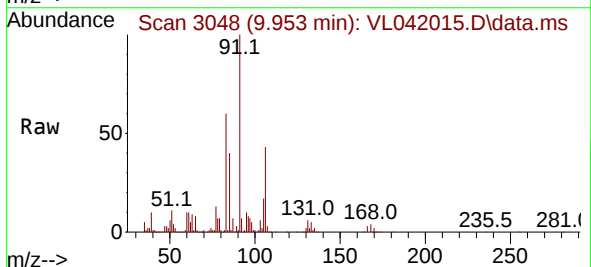
Acq: 14 Feb 2025 12:21

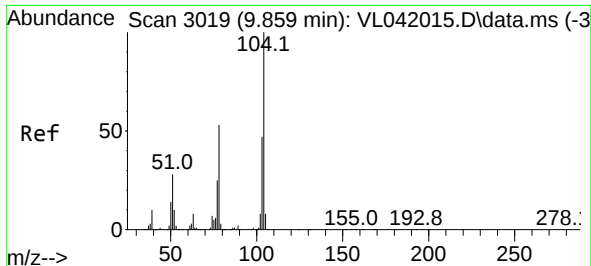
Tgt Ion: 91 Resp: 420542

Ion Ratio Lower Upper

91 100

106 42.9 21.4 64.3





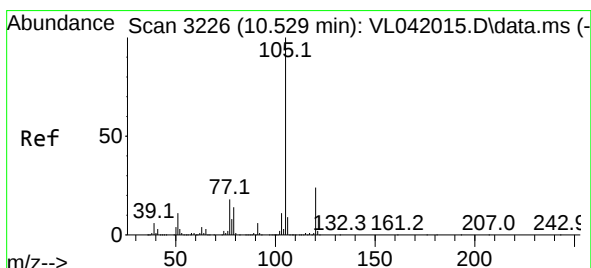
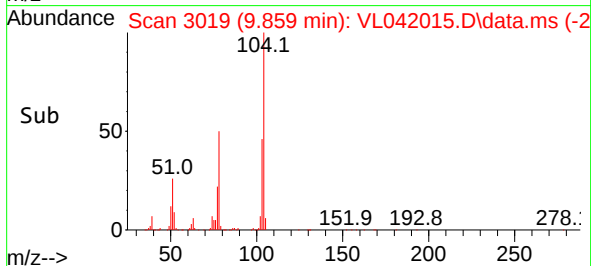
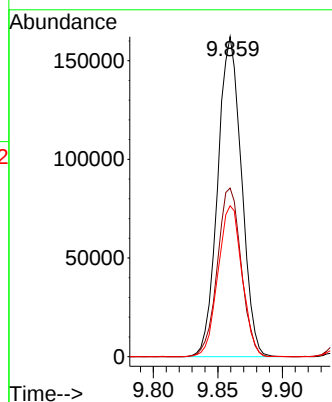
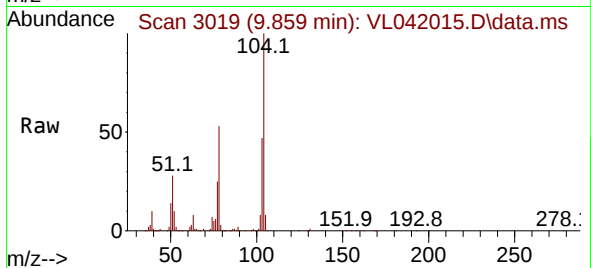
#61
Styrene
Concen: 9.241 ppbv
RT: 9.859 min Scan# 3019
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:104 Resp: 207495
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 47.6 38.1 57.1

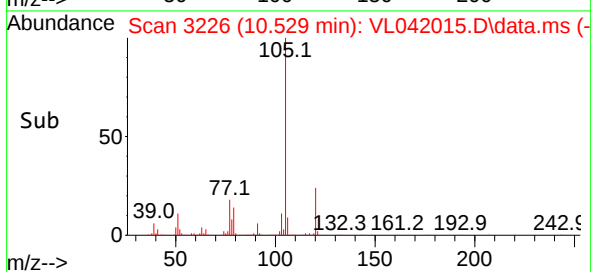
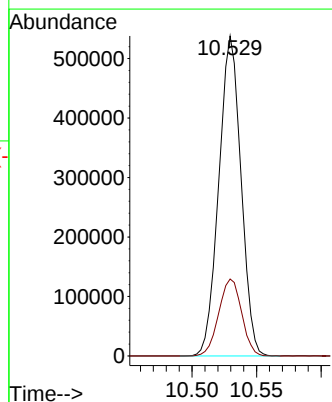
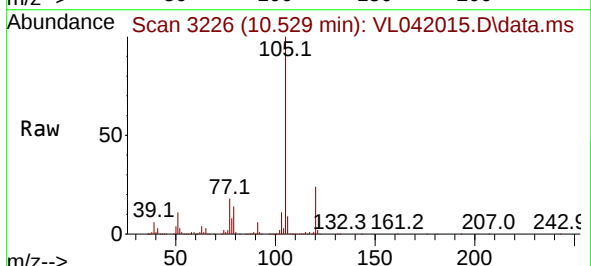
Manual Integrations
APPROVED

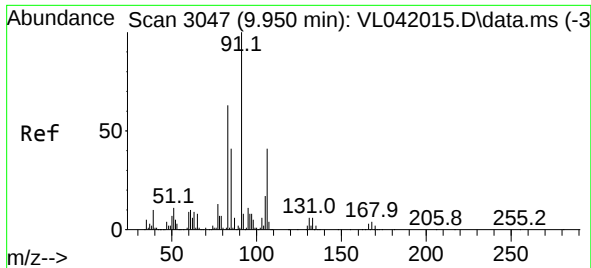
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Isopropylbenzene
Concen: 9.081 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

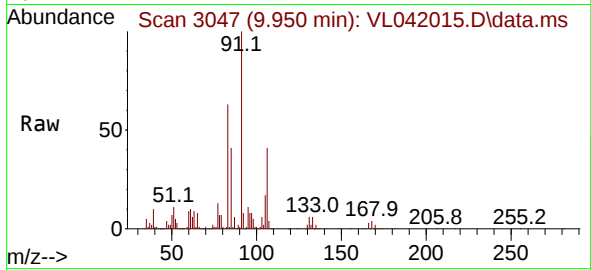
Tgt Ion:105 Resp: 641964
Ion Ratio Lower Upper
105 100
120 24.8 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.323 ppbv
RT: 9.950 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

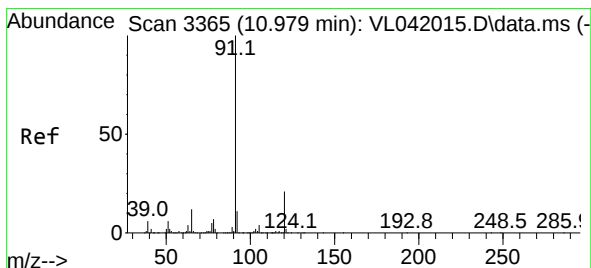
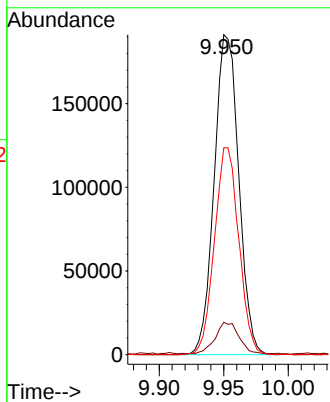
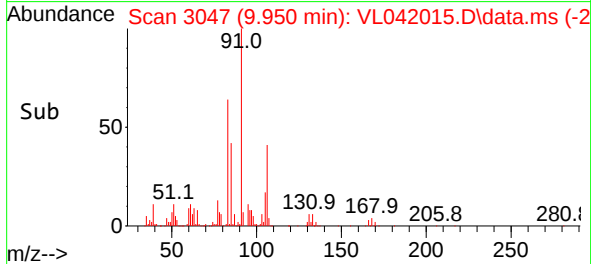
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



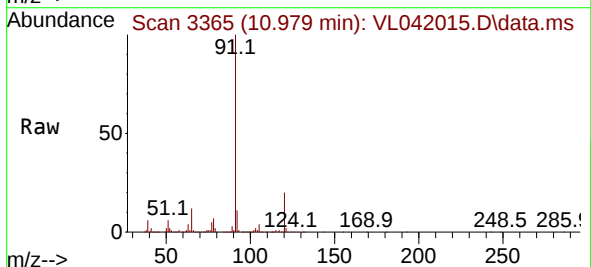
Tgt Ion: 83 Resp: 252800
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.1 32.1 96.3

Manual Integrations
APPROVED

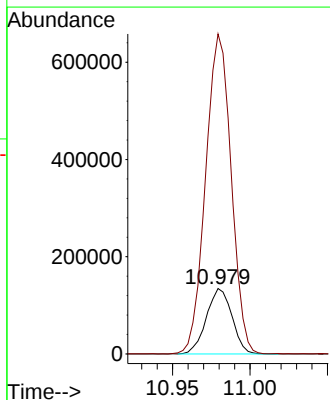
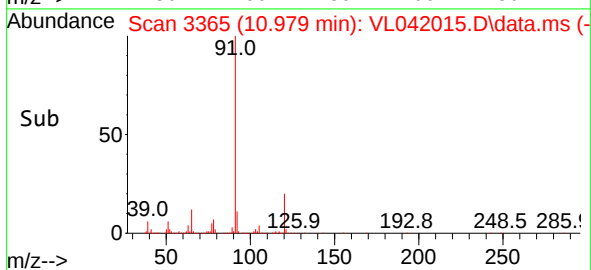
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

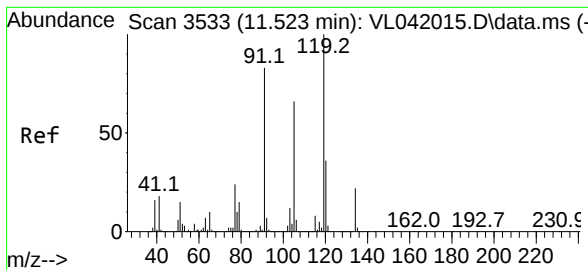


#64
n-propylbenzene
Concen: 8.886 ppbv
RT: 10.979 min Scan# 3365
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



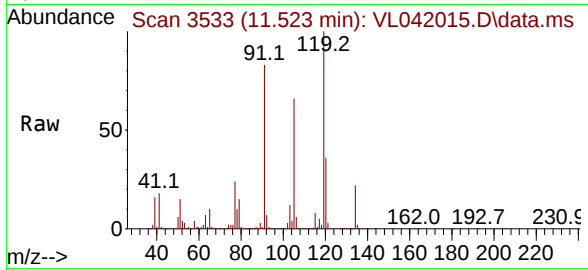
Tgt Ion:120 Resp: 154350
Ion Ratio Lower Upper
120 100
91 490.2 392.2 588.2





#65
tert-Butylbenzene
Concen: 8.884 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

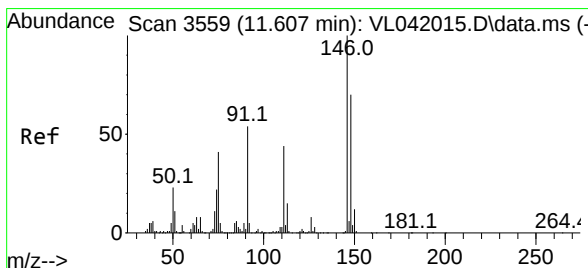
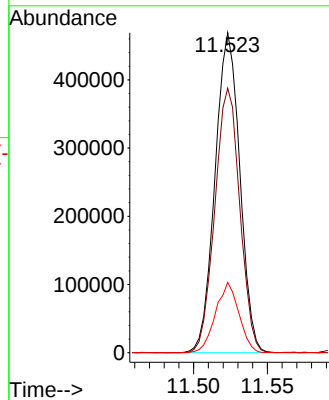
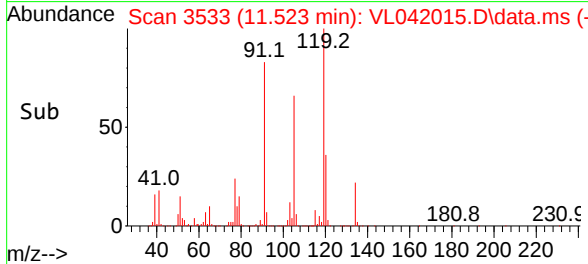
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



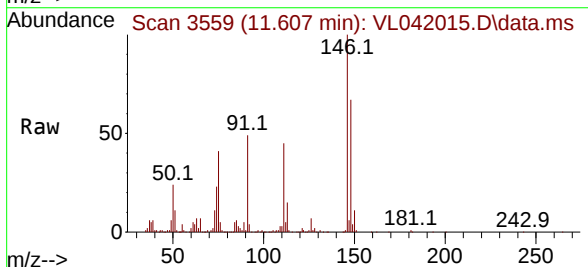
Tgt Ion: 119 Resp: 54754
Ion Ratio Lower Upper
119 100
91 83.1 66.5 99.7
134 20.7 16.6 24.8

Manual Integrations
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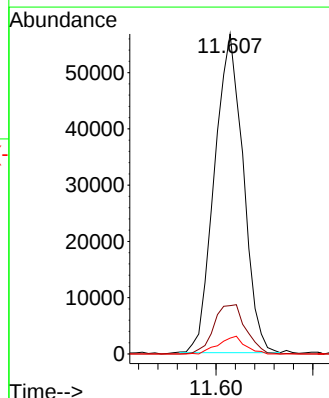
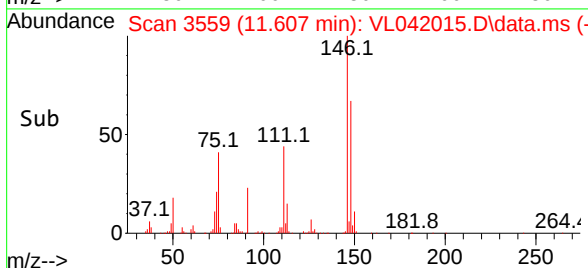
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

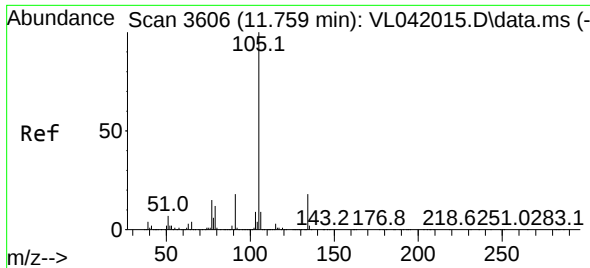


#66
Benzyl Chloride
Concen: 9.377 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



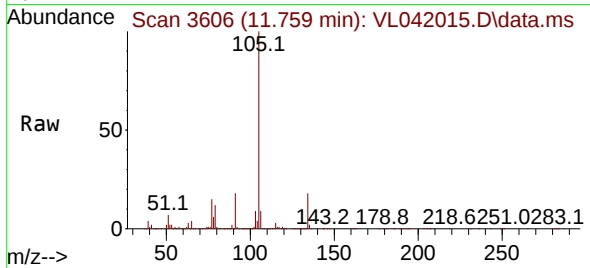
Tgt Ion: 91 Resp: 58308
Ion Ratio Lower Upper
91 100
126 17.2 13.8 20.6
128 5.1 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 8.868 ppbv
 RT: 11.759 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

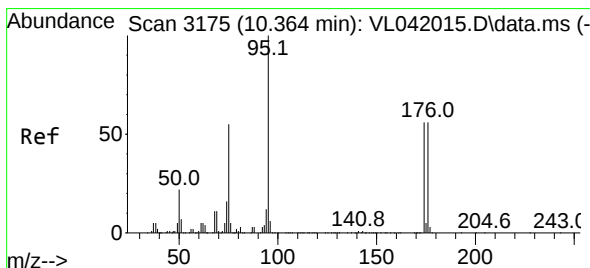
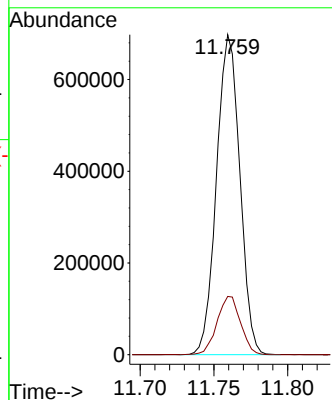
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



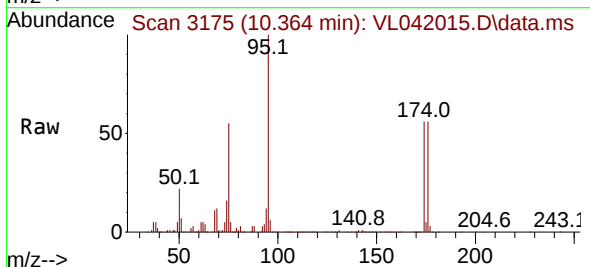
Tgt Ion:105 Resp: 76771
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.7 22.1

Manual Integrations
 APPROVED

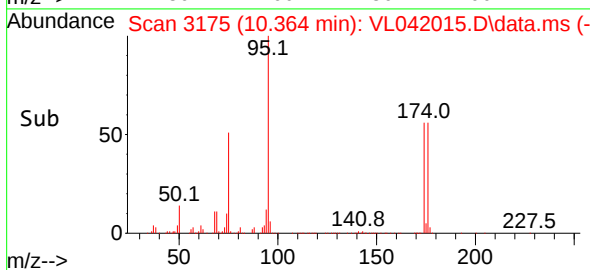
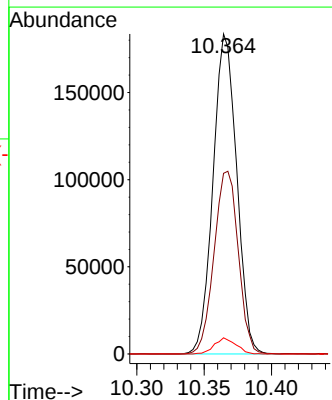
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

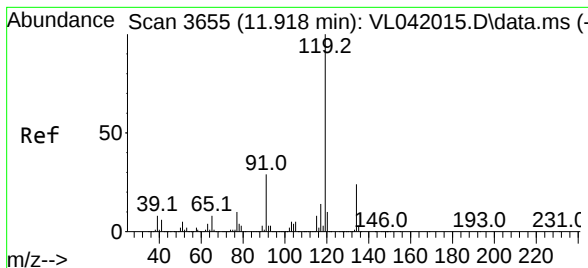


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.073 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21



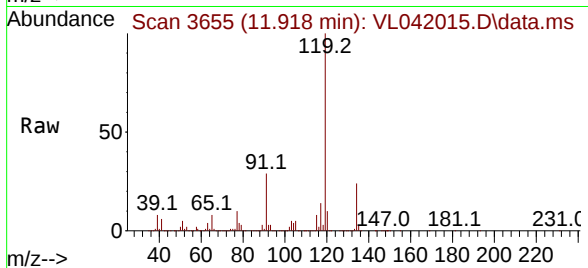
Tgt Ion: 95 Resp: 224424
 Ion Ratio Lower Upper
 95 100
 174 58.3 46.7 70.1
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 8.860 ppbv
RT: 11.918 min Scan# 3655
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

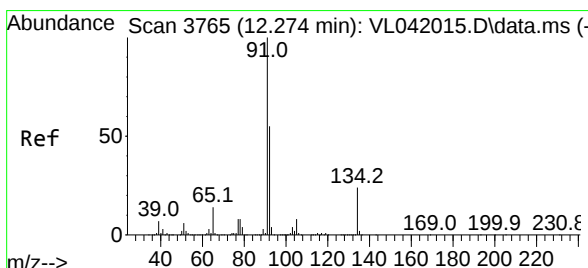
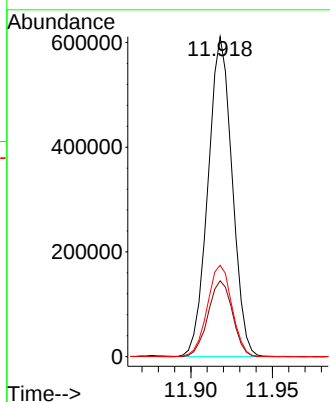
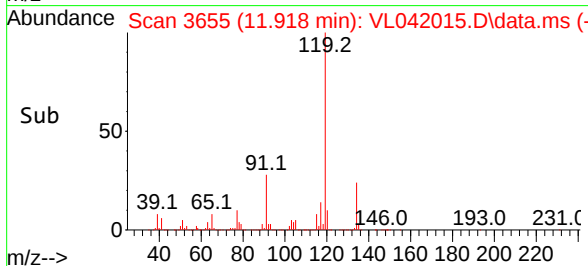
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



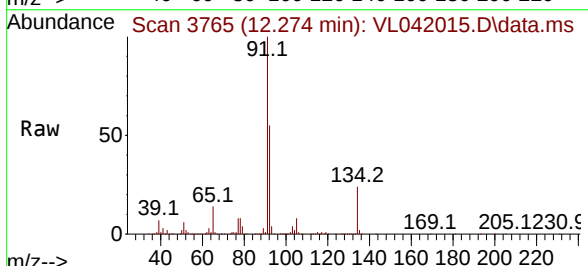
Tgt Ion:119 Resp: 62782
Ion Ratio Lower Upper
119 100
134 24.2 19.4 29.0
91 29.3 23.4 35.2

Manual Integrations
APPROVED

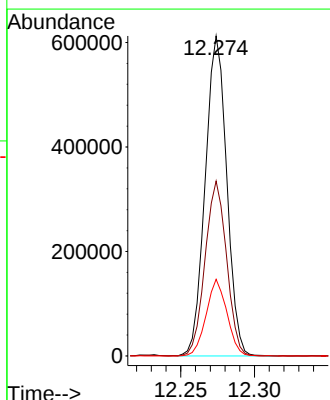
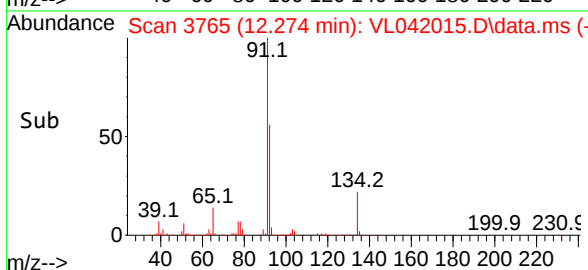
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

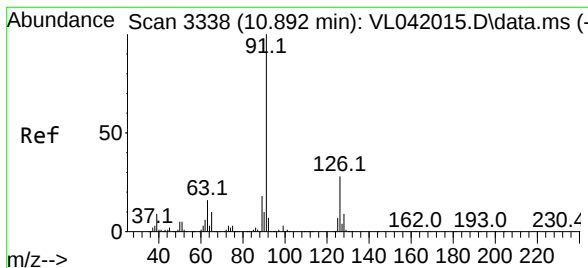


#70
n-Butylbenzene
Concen: 8.897 ppbv
RT: 12.274 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



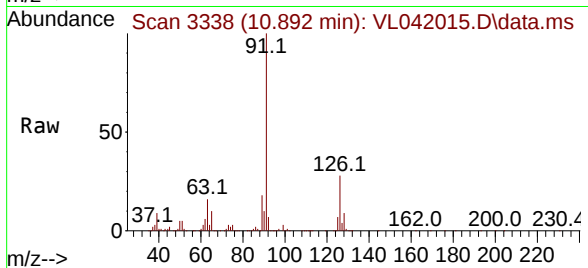
Tgt Ion: 91 Resp: 621004
Ion Ratio Lower Upper
91 100
92 54.9 43.8 65.8
134 23.2 18.6 27.8





#71
2-Chlorotoluene
Concen: 9.065 ppbv
RT: 10.892 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

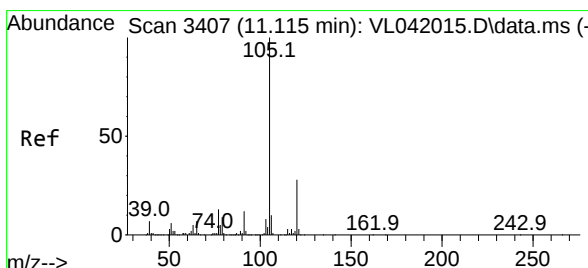
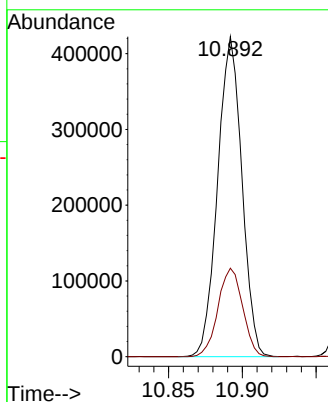
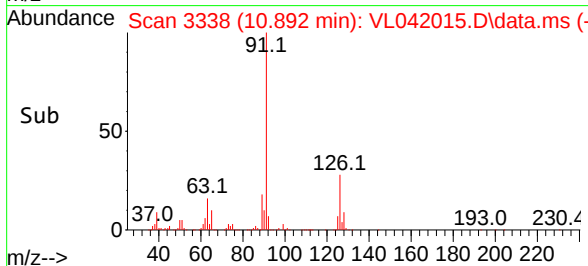
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



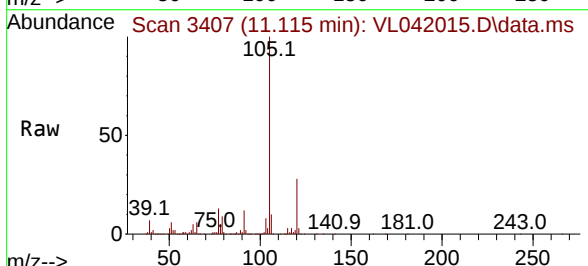
Tgt Ion: 91 Resp: 482609
Ion Ratio Lower Upper
91 100
126 28.1 11.2 45.0

Manual Integrations
APPROVED

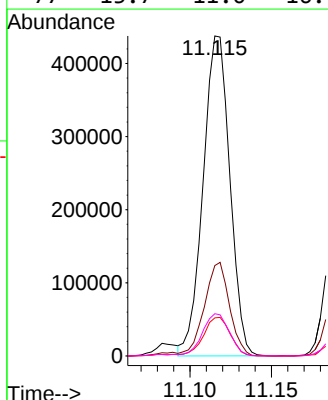
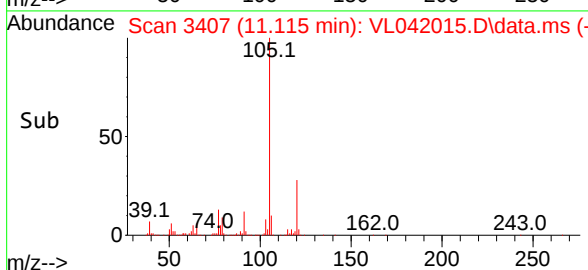
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

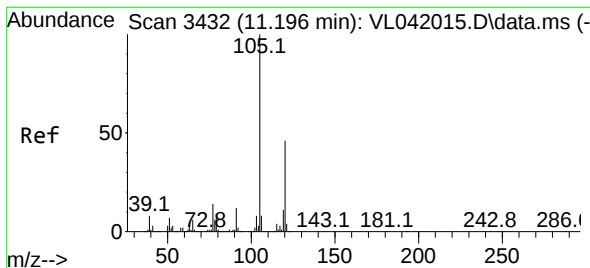


#72
4-Ethyltoluene
Concen: 9.033 ppbv
RT: 11.115 min Scan# 3407
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



Tgt Ion:105 Resp: 499046
Ion Ratio Lower Upper
105 100
120 28.4 22.7 34.1
91 12.7 10.2 15.2
77 13.7 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.027 ppbv

RT: 11.196 min Scan# 3432

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 42958

Ion Ratio Lower Upper

105 100

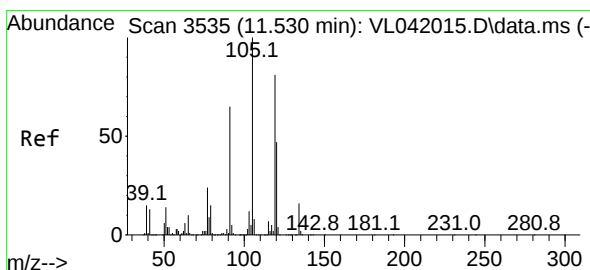
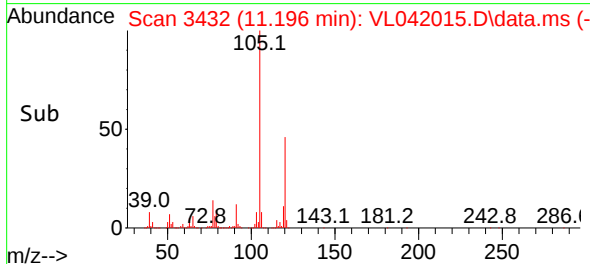
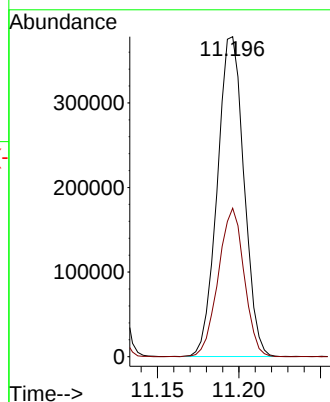
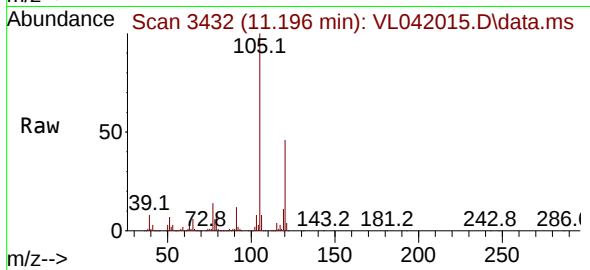
120 46.4 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#74

1,2,4-Trimethylbenzene

Concen: 8.791 ppbv

RT: 11.530 min Scan# 3535

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Tgt Ion:105 Resp: 449023

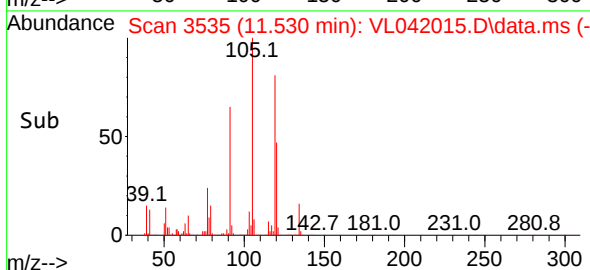
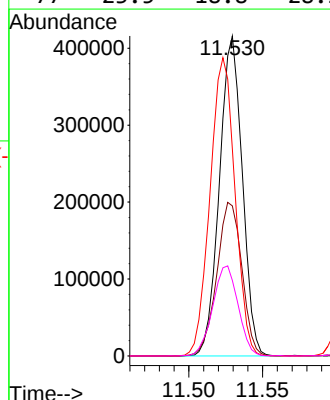
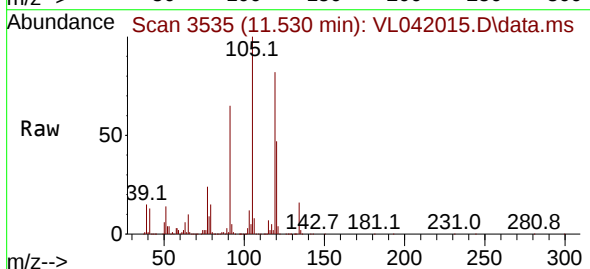
Ion Ratio Lower Upper

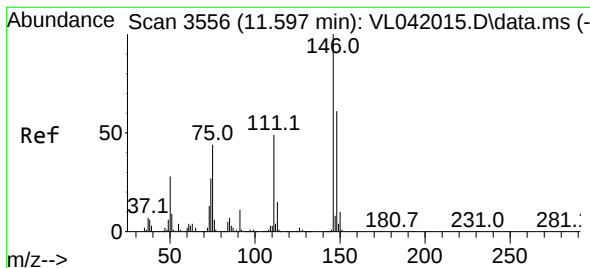
105 100

120 46.9 37.5 56.3

91 64.6 51.7 77.5

77 23.5 18.8 28.2





#75

1,3-Dichlorobenzene

Concen: 8.995 ppbv

RT: 11.597 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 24730

Ion Ratio Lower Upper

146 100

111 47.8 23.9 71.7

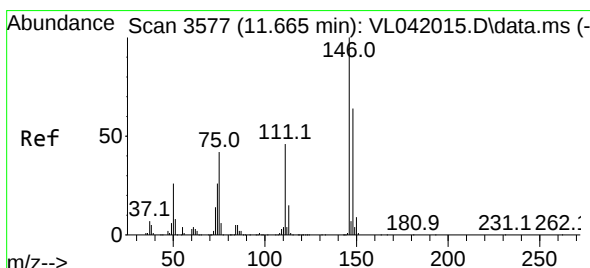
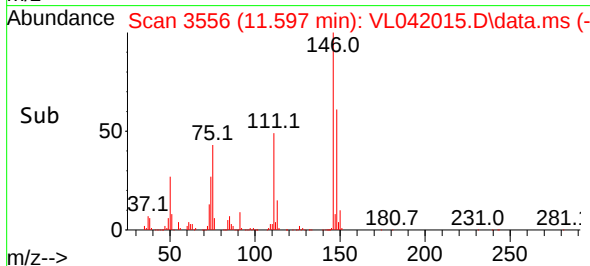
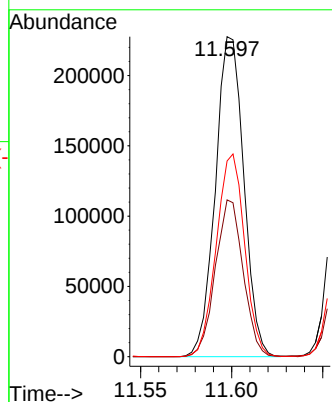
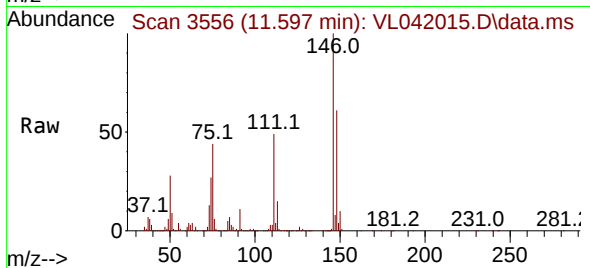
148 63.0 31.5 94.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#76

1,4-Dichlorobenzene

Concen: 9.010 ppbv

RT: 11.665 min Scan# 3577

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

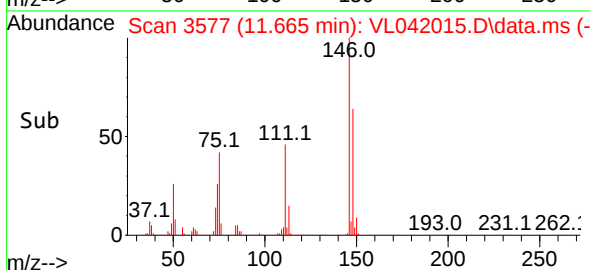
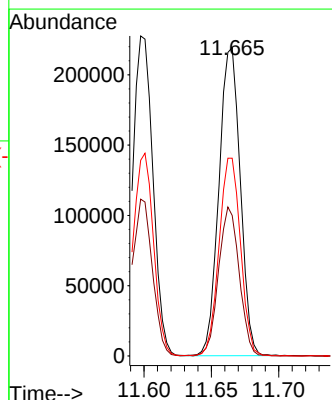
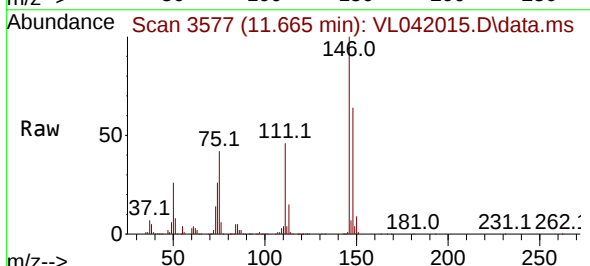
Tgt Ion:146 Resp: 241556

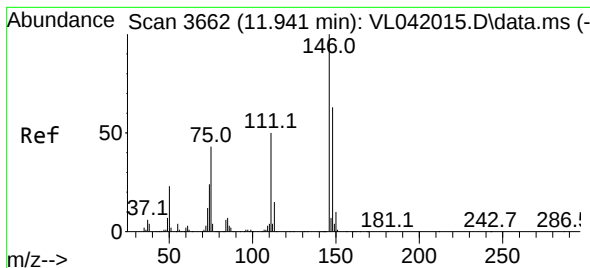
Ion Ratio Lower Upper

146 100

111 47.0 23.5 70.5

148 64.5 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 8.911 ppbv

RT: 11.941 min Scan# 3662

Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

Instrument :

MSVOA_L

ClientSampleId :

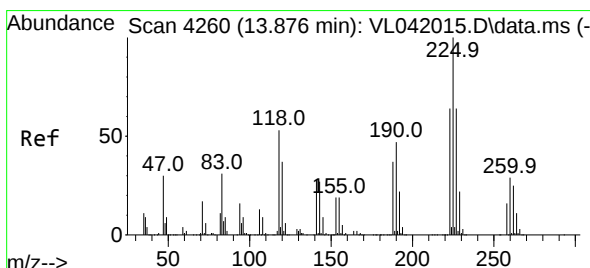
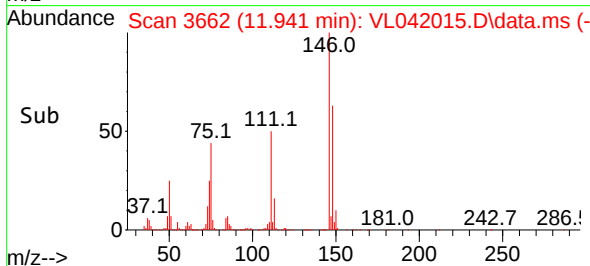
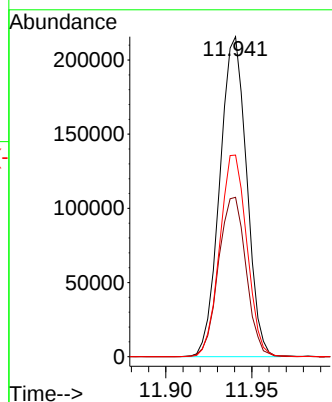
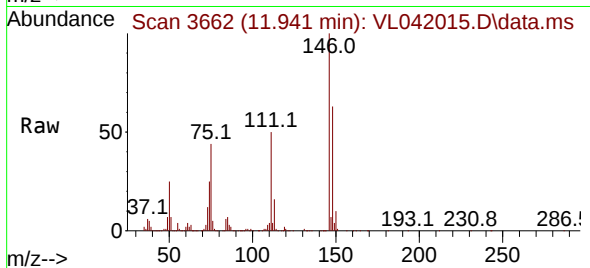
VSTDICCC010

Tgt Ion:	146	Resp:	23419
Ion Ratio	Lower	Upper	
146	100		
111	51.3	25.6	76.8
148	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.115 ppbv

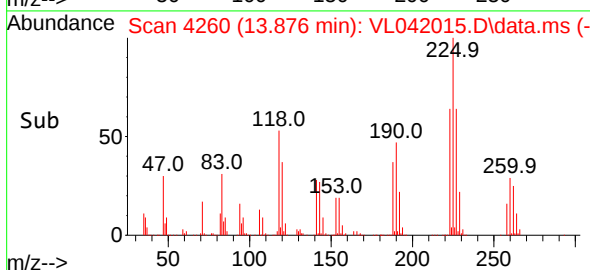
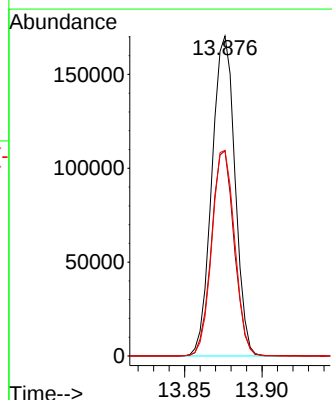
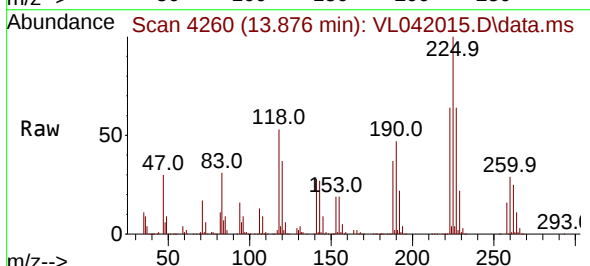
RT: 13.876 min Scan# 4260

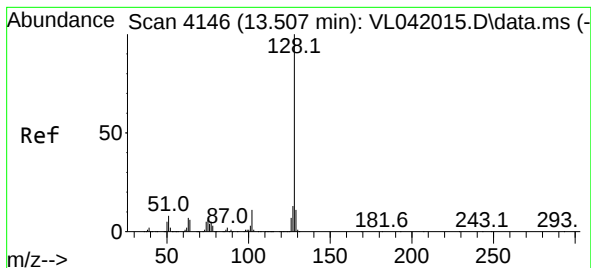
Delta R.T. 0.000 min

Lab File: VL042015.D

Acq: 14 Feb 2025 12:21

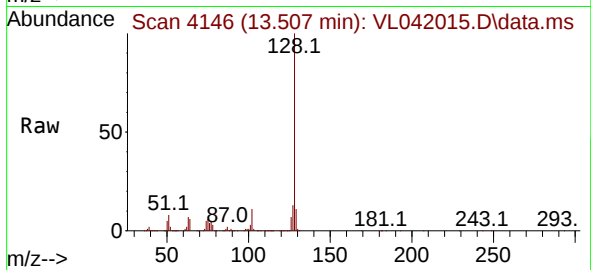
Tgt Ion:	225	Resp:	176439
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	75.8
227	63.6	50.9	76.3





#79
Naphthalene
Concen: 7.304 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21

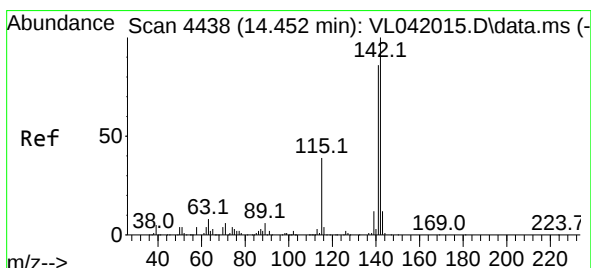
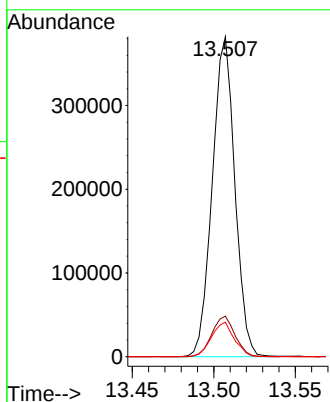
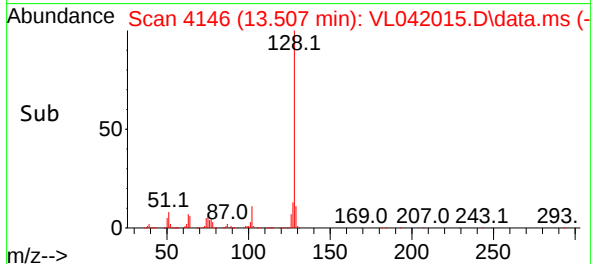
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



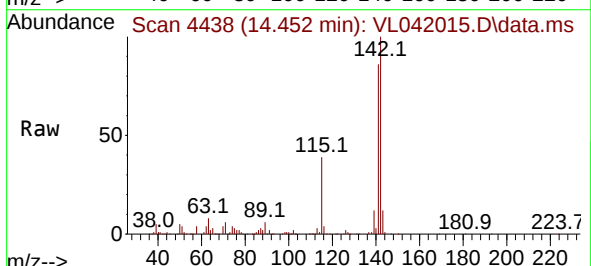
Tgt Ion:128 Resp: 36695
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 13.0

Manual Integrations
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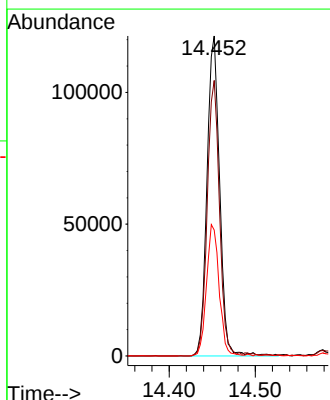
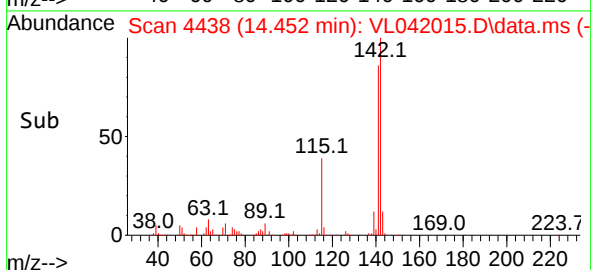
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

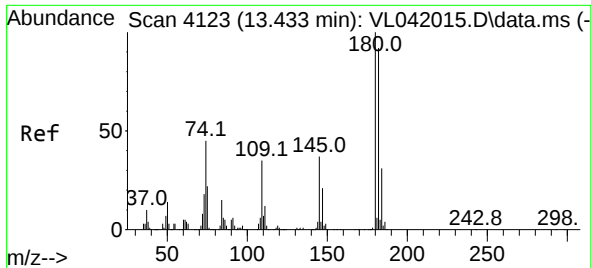


#80
Naphthalene,2-methyl-
Concen: 5.419 ppbv
RT: 14.452 min Scan# 4438
Delta R.T. 0.000 min
Lab File: VL042015.D
Acq: 14 Feb 2025 12:21



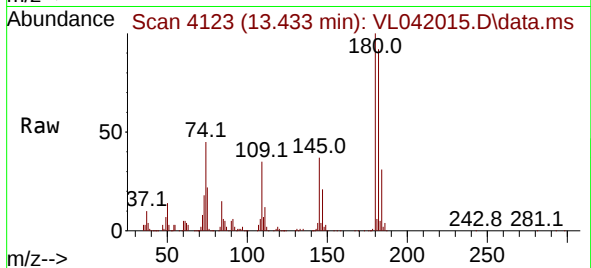
Tgt Ion:142 Resp: 123736
Ion Ratio Lower Upper
142 100
141 84.9 68.2 102.2
115 41.3 33.6 50.4





#81
 1,2,4-Trichlorobenzene
 Concen: 8.295 ppbv
 RT: 13.433 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042015.D
 Acq: 14 Feb 2025 12:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 16940
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.6
 184 30.3 24.2 36.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

