

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042312.D
 Acq On : 11 Apr 2025 09:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/16/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 22:56:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	183700	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	463746	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	401340	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 318204 9.655 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	264775	9.762	ppbv	100
3) Chlorodifluoromethane	1.476	51	287991	10.394	ppbv	97
4) Chloromethane	1.531	50	111786	10.085	ppbv	98
5) Vinyl Chloride	1.580	62	102342	8.713	ppbv	95
6) Bromomethane	1.667	94	43054	8.571	ppbv	99
7) Chloroethane	1.703	64	41946	9.427	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	224489	9.719	ppbv	94
9) Propene	1.483	41	117677	9.266	ppbv	99
10) Heptane	4.981	43	334707	9.908	ppbv	100
11) Trichlorofluoromethane	1.877	101	250122	9.477	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	193510	8.920	ppbv	97
13) Ethanol	1.722	45	5849	4.872	ppbv	89
14) Bromoethene	1.780	108	73294	8.820	ppbv	100
15) Acetone	1.835	43	231724	9.019	ppbv	97
16) 1,3-Butadiene	1.609	39	112297	8.950	ppbv	97
17) tert-Butyl alcohol	2.039	59	255575	7.987	ppbv	99
18) 1,1-Dichloroethene	2.033	96	89512	8.827	ppbv	98
19) Isopropyl Alcohol	1.887	45	125233	8.639	ppbv	92
20) Methylene Chloride	2.062	84	76968	8.044	ppbv	93
21) Allyl Chloride	2.098	41	162998	8.996	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	101974	8.700	ppbv	95
23) Vinyl Acetate	2.463	43	95152	8.557	ppbv	99
24) 1,1-Dichloroethane	2.408	63	207862	9.567	ppbv	99
25) Ethyl Acetate	2.835	43	678920	10.182	ppbv	99
26) Hexane	2.826	57	256866	9.973	ppbv	98
27) Carbon Disulfide	2.149	76	243367	8.812	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	129141	8.053	ppbv	96
29) Chloroform	2.848	83	393638	10.443	ppbv	98
30) Cyclohexane	3.858	84	203526	9.100	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	247194	9.454	ppbv	97
32) 1,1,1-Trichloroethane	3.370	97	380312	8.813	ppbv	98
34) 2-Butanone	2.557	43	380682	11.321	ppbv	98
35) Carbon Tetrachloride	3.764	117	390140	10.769	ppbv	98
36) Benzene	3.658	78	506278	11.012	ppbv	97
37) 1,2-Dichloroethane	3.221	62	292183	11.101	ppbv	99
38) Trichloroethene	4.551	130	203156	10.591	ppbv	96
39) 1,2-Dichloropropane	4.315	63	185497	11.079	ppbv	97
40) 1,4-Dioxane	4.583	88	82376	9.270	ppbv #	98
41) Tetrahydrofuran	3.056	42	216646	11.188	ppbv	93
42) Bromodichloromethane	4.493	83	413250	11.389	ppbv	99
43) Methyl Methacrylate	4.884	69	184472	9.478	ppbv	96
44) 2,2,4-Trimethylpentane	4.642	57	872871	11.235	ppbv	98
45) t-1,3-Dichloropropene	6.422	75	176804	8.467	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042312.D
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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 22:56:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

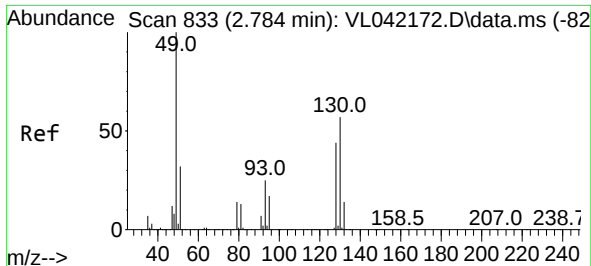
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

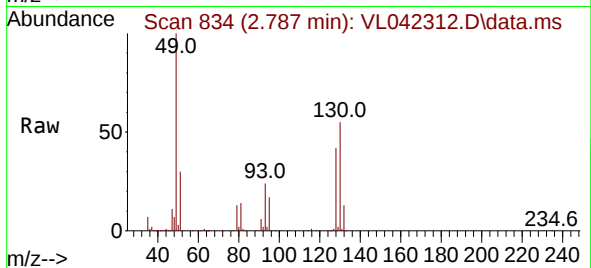
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	236039	9.222	ppbv	99
47) 1,1,2-Trichloroethane	6.583	97	202891	11.463	ppbv	98
48) Dibromochloromethane	7.389	129	333128	11.106	ppbv	99
49) Bromoform	9.484	173	294489	10.935	ppbv	100
50) 4-Methyl-2-Pentanone	5.755	43	531851	9.980	ppbv	95
51) 2-Hexanone	7.438	43	424035	9.689	ppbv #	94
52) Tetrachloroethene	8.224	164	170989	9.378	ppbv	97
53) Toluene	6.936	91	547579	10.048	ppbv	99
54) 1,2-Dibromoethane	7.655	107	267225	10.831	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	271350	12.283	ppbv	100
57) Chlorobenzene	8.924	112	460598	12.099	ppbv	98
58) Ethyl Benzene	9.357	91	779227	10.931	ppbv	98
59) m/p-Xylene	9.552	91	1323463m	23.249	ppbv	
60) o-Xylene	9.966	91	660065	11.567	ppbv	96
61) Styrene	9.872	104	291355	10.320	ppbv	99
62) Isopropylbenzene	10.542	105	988337	11.582	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.966	83	446341	12.873	ppbv	99
64) n-propylbenzene	10.992	120	268681	12.231	ppbv	97
65) tert-Butylbenzene	11.532	119	932850	11.820	ppbv	98
66) Benzyl Chloride	11.616	91	68675	8.201	ppbv	99
67) sec-Butylbenzene	11.769	105	1310042	11.942	ppbv	100
69) p-Isopropyltoluene	11.927	119	1107045	11.720	ppbv	99
70) n-Butylbenzene	12.283	91	1144571	11.848	ppbv	99
71) 2-Chlorotoluene	10.904	91	756562	11.423	ppbv	98
72) 4-Ethyltoluene	11.128	105	847821	11.932	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	729887	11.762	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	819490	11.463	ppbv	92
75) 1,3-Dichlorobenzene	11.610	146	492549	12.562	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	488636	12.522	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	494739	12.959	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	373025	9.599	ppbv	99
79) Naphthalene	13.516	128	824947	10.550	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	276556	7.212	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	374714	10.389	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

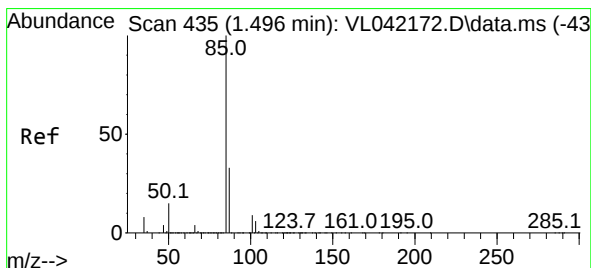
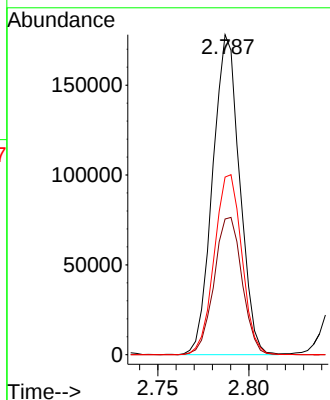
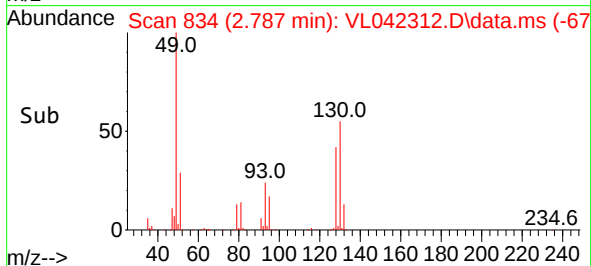
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



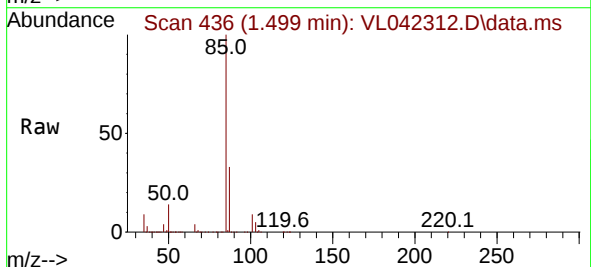
Tgt Ion: 49 Resp: 183700
Ion Ratio Lower Upper
49 100
128 44.4 22.9 68.5
130 57.3 28.8 86.4

Manual Integrations
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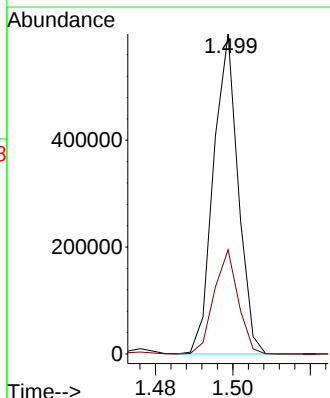
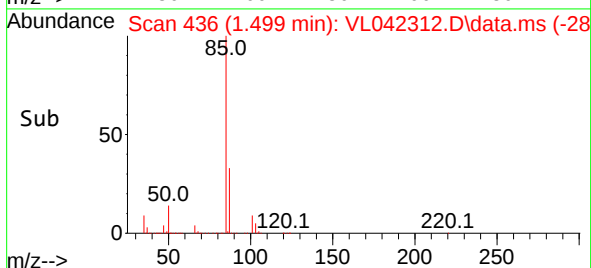
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#2
Dichlorodifluoromethane
Concen: 9.762 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



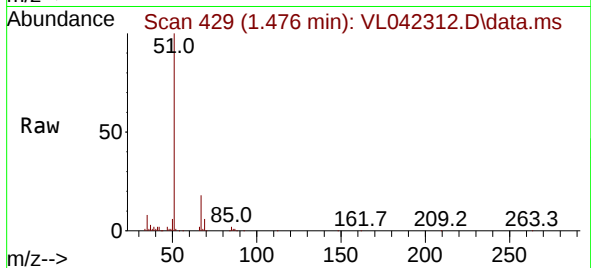
Tgt Ion: 85 Resp: 264775
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1





#3
Chlorodifluoromethane
Concen: 10.394 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

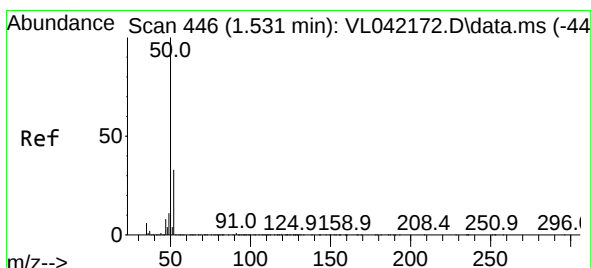
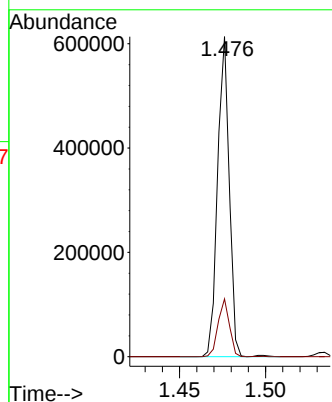
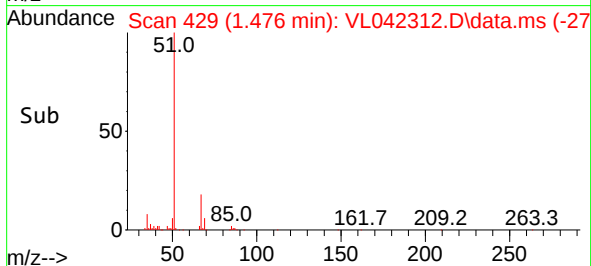
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



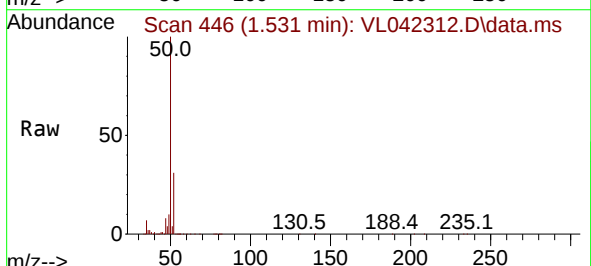
Tgt Ion: 51 Resp: 28799
Ion Ratio Lower Upper
51 100
67 17.6 15.0 22.6

Manual Integrations
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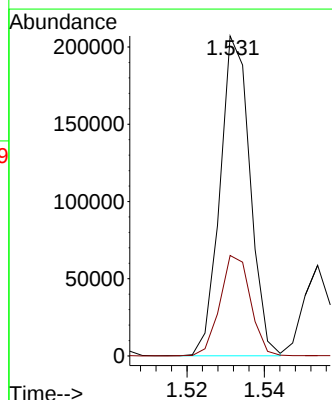
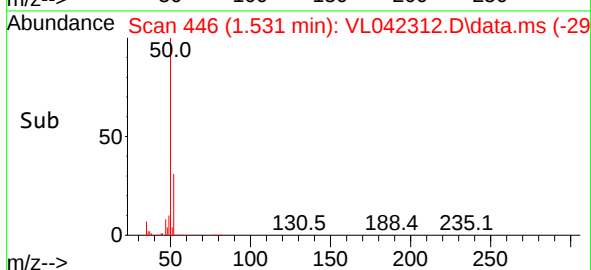
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

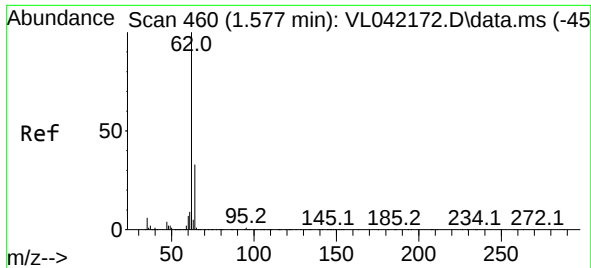


#4
Chloromethane
Concen: 10.085 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



Tgt Ion: 50 Resp: 111786
Ion Ratio Lower Upper
50 100
52 31.3 26.1 39.1





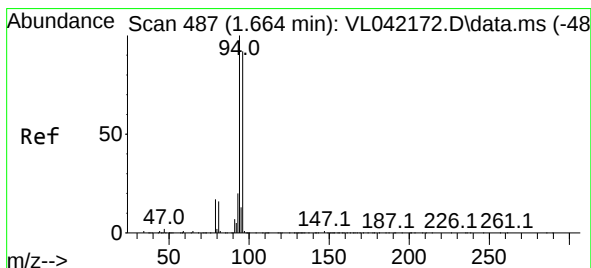
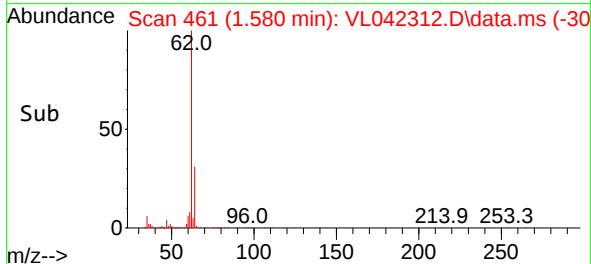
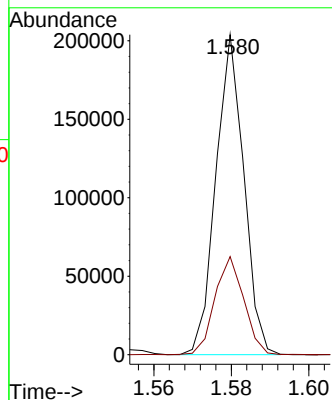
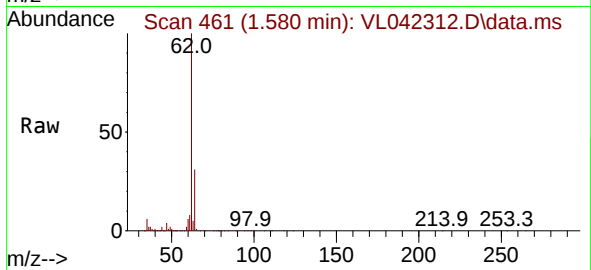
#5
 Vinyl Chloride
 Concen: 8.713 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 10234
 Ion Ratio Lower Upper
 62 100
 64 30.6 26.6 40.0

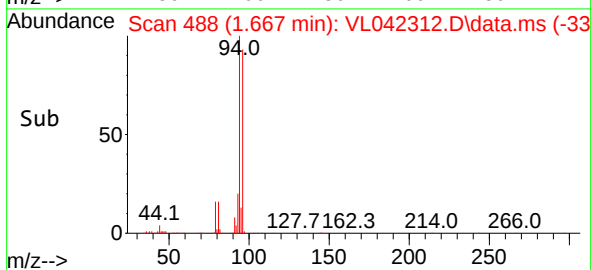
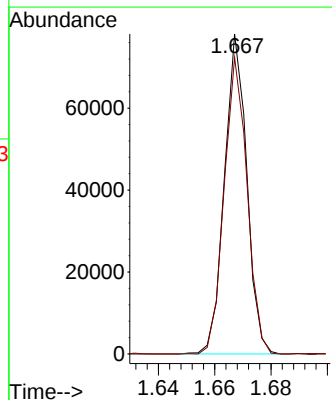
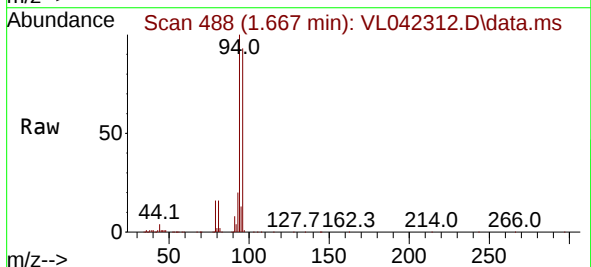
Manual Integrations
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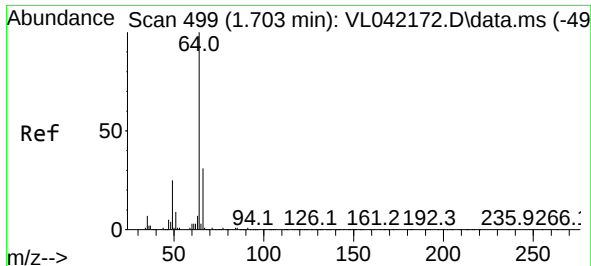
Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#6
 Bromomethane
 Concen: 8.571 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.003 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

Tgt Ion: 94 Resp: 43054
 Ion Ratio Lower Upper
 94 100
 96 92.7 73.1 109.7





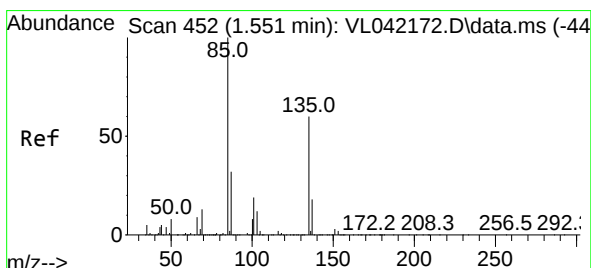
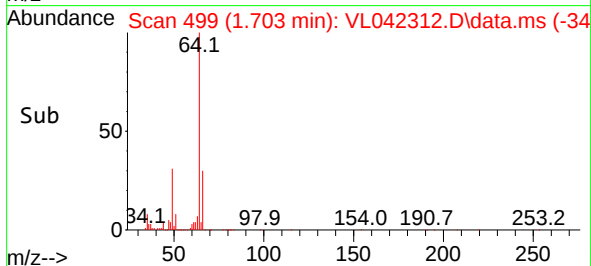
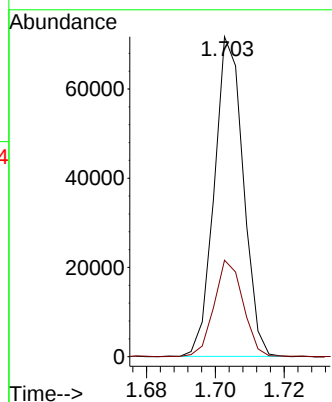
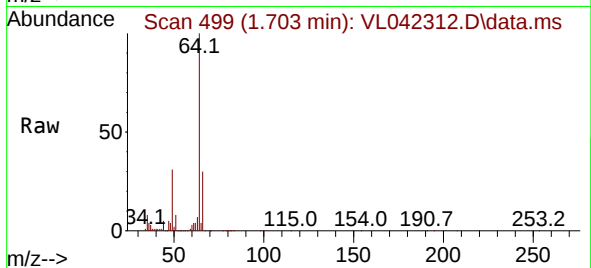
#7
Chloroethane
Concen: 9.427 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 41940
Ion Ratio Lower Upper
64 100
66 30.1 25.2 37.8

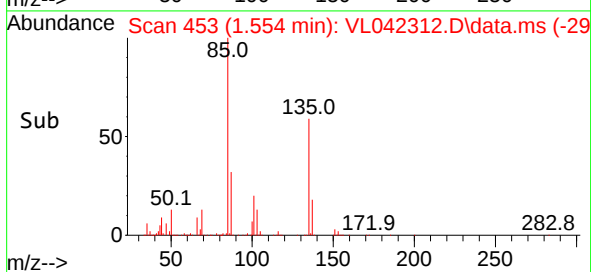
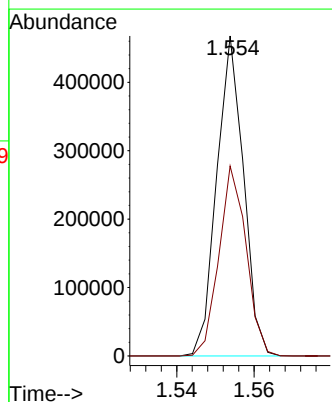
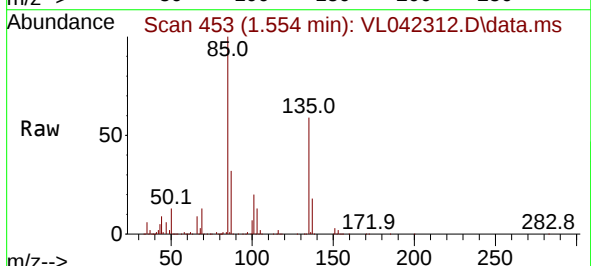
Manual Integrations
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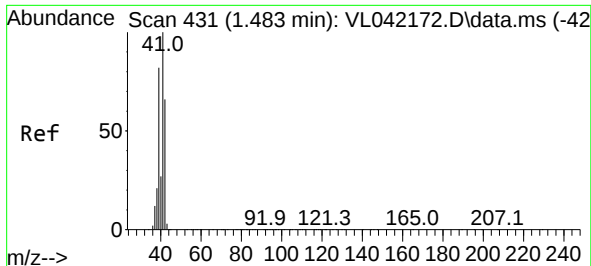
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#8
Dichlorotetrafluoroethane
Concen: 9.719 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

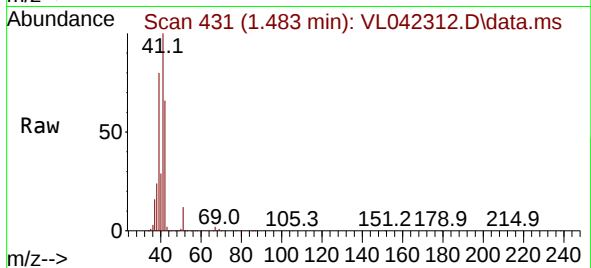
Tgt Ion: 85 Resp: 224489
Ion Ratio Lower Upper
85 100
135 60.5 52.4 78.6





#9
Propene
Concen: 9.266 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

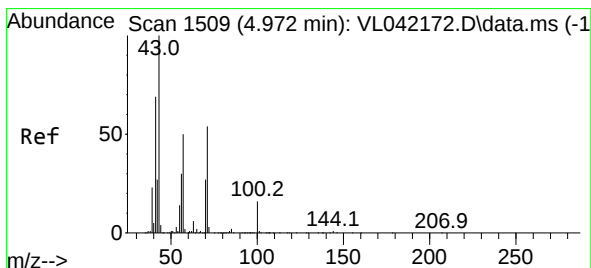
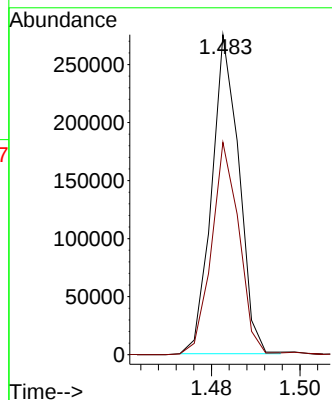
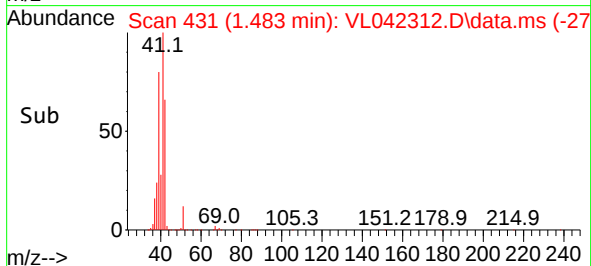
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



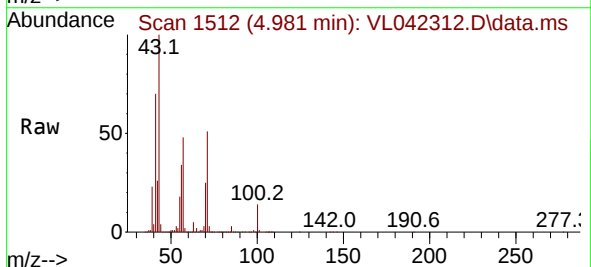
Tgt Ion: 41 Resp: 11767
Ion Ratio Lower Upper
41 100
42 68.3 55.4 83.2

Manual Integrations
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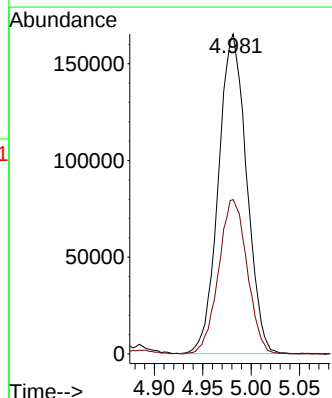
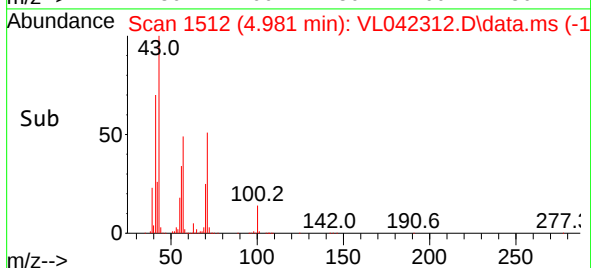
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Heptane
Concen: 9.908 ppbv
RT: 4.981 min Scan# 1512
Delta R.T. 0.009 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



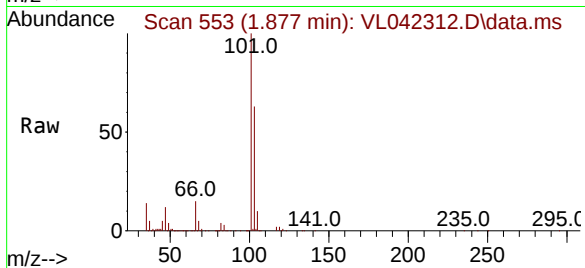
Tgt Ion: 43 Resp: 334707
Ion Ratio Lower Upper
43 100
57 49.0 39.4 59.2





#11
Trichlorofluoromethane
Concen: 9.477 ppbv
RT: 1.877 min Scan# 552
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

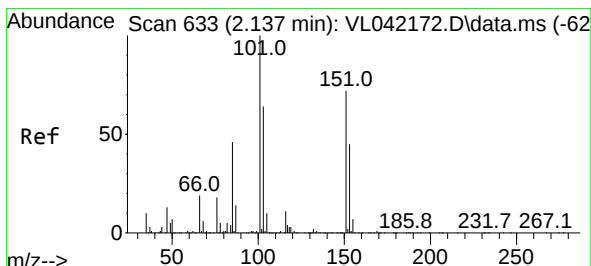
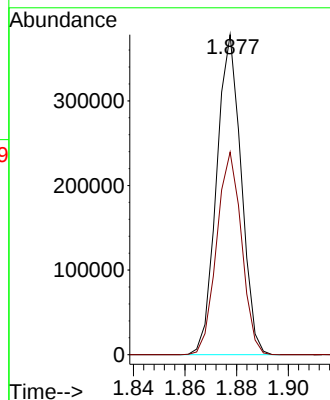
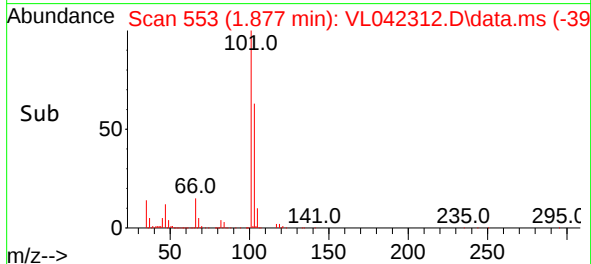
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 25012
Ion Ratio Lower Upper
101 100
103 63.3 50.2 75.2

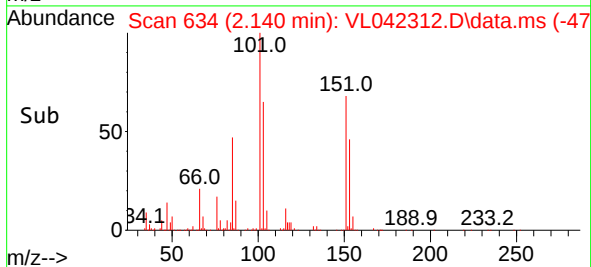
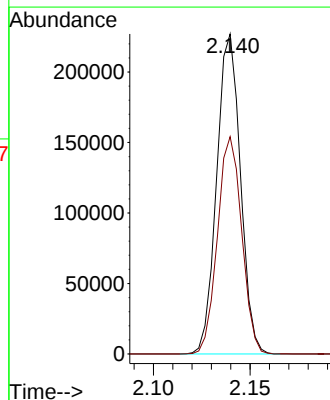
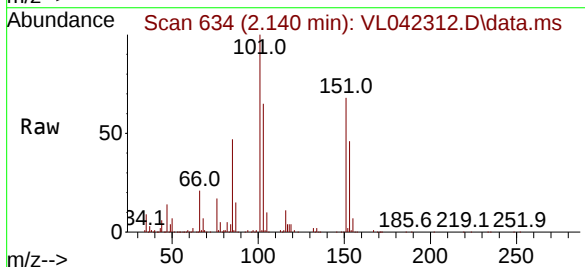
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.920 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion:101 Resp: 193510
Ion Ratio Lower Upper
101 100
151 69.2 57.1 85.7





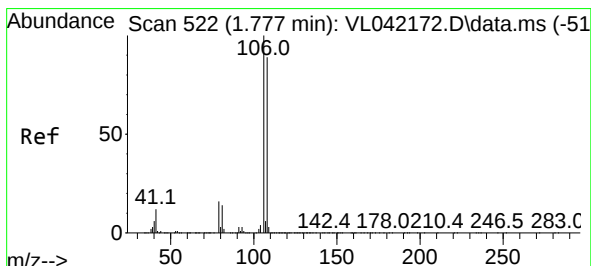
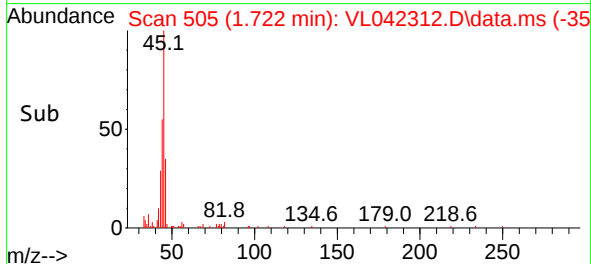
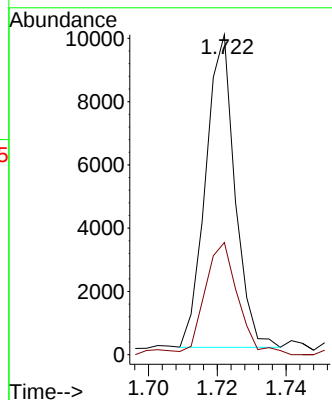
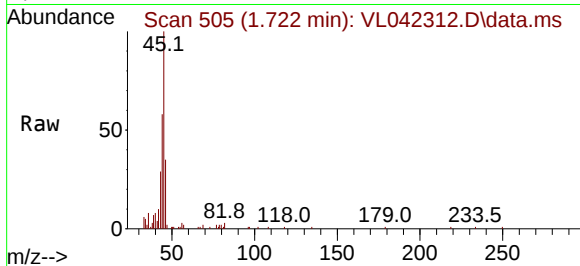
#13
Ethanol
Concen: 4.872 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 5849
Ion Ratio Lower Upper
45 100
46 43.0 20.2 80.8

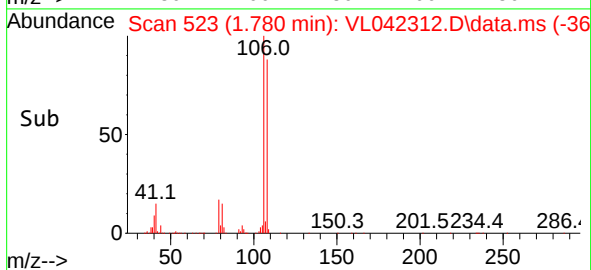
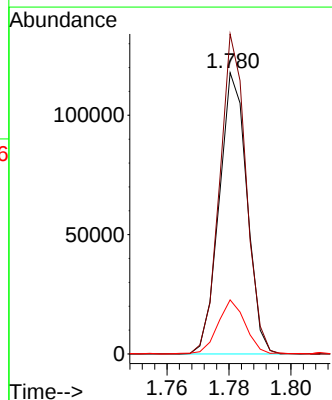
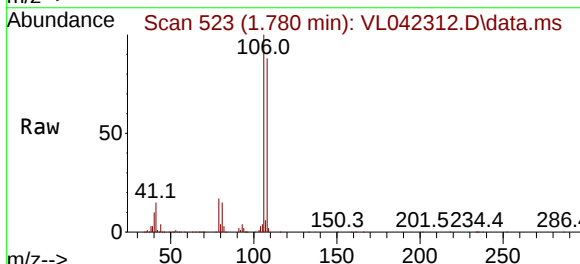
Manual Integrations
APPROVED

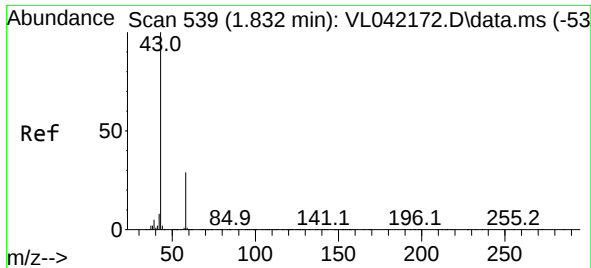
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#14
Bromoethene
Concen: 8.820 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion:108 Resp: 73294
Ion Ratio Lower Upper
108 100
106 108.4 86.8 130.2
79 19.5 15.0 22.6





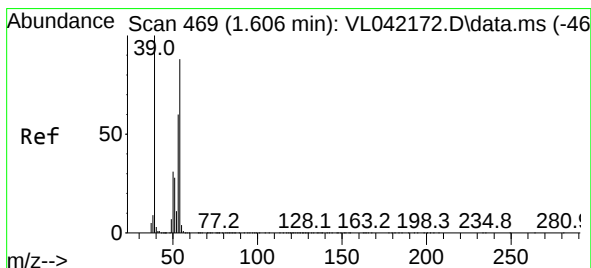
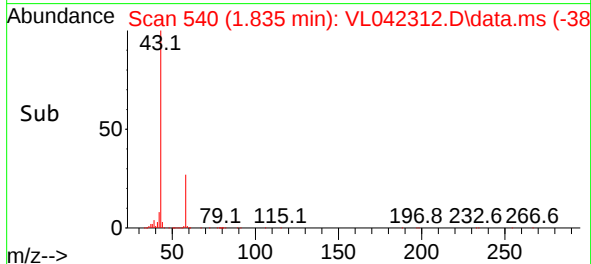
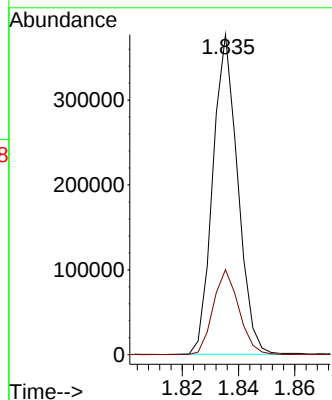
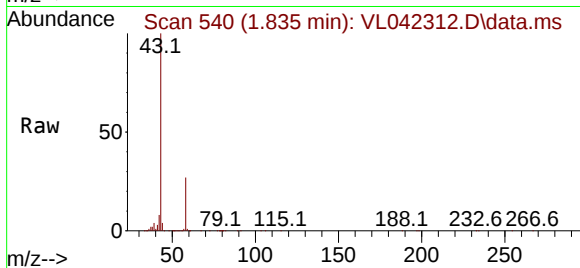
#15
Acetone
Concen: 9.019 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 231724
Ion Ratio Lower Upper
43 100
58 27.5 23.2 34.8

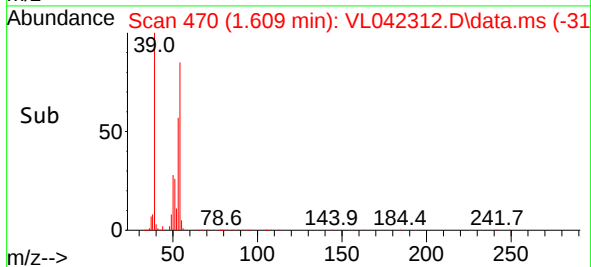
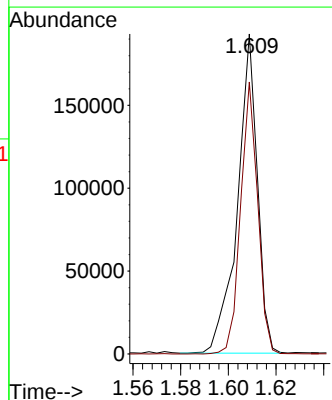
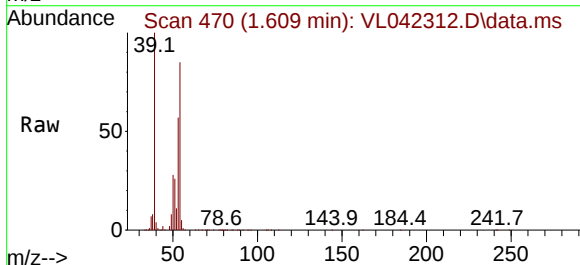
Manual Integrations
APPROVED

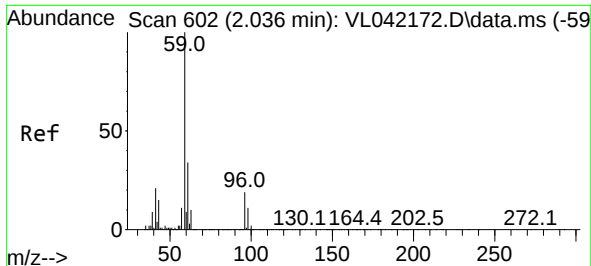
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
1,3-Butadiene
Concen: 8.950 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion: 39 Resp: 112297
Ion Ratio Lower Upper
39 100
54 73.5 60.7 91.1





#17

tert-Butyl alcohol

Concen: 7.987 ppbv

RT: 2.039 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 25557

Ion Ratio Lower Upper

59 100

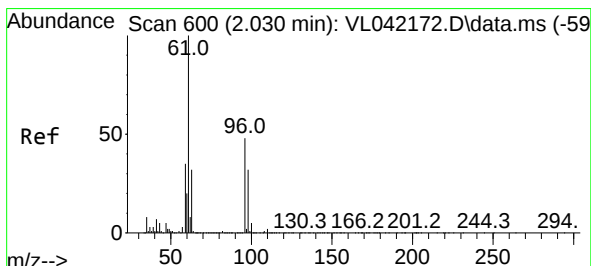
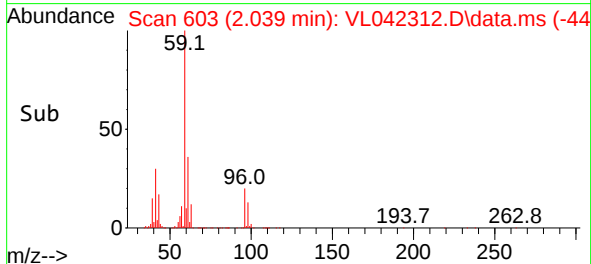
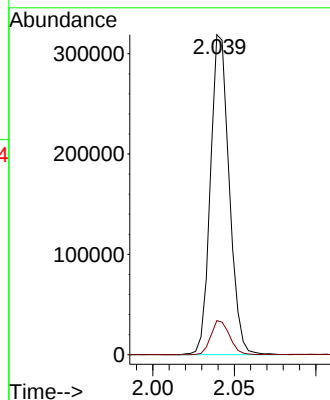
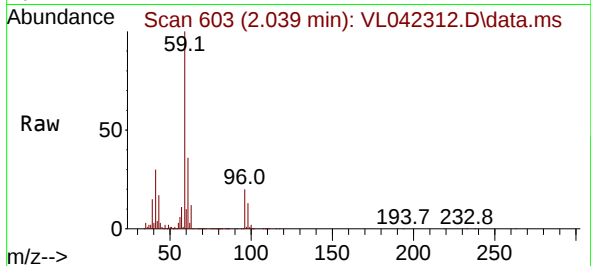
57 10.6 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025

Supervised By :Mahesh Dadoda 04/17/2025



#18

1,1-Dichloroethene

Concen: 8.827 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

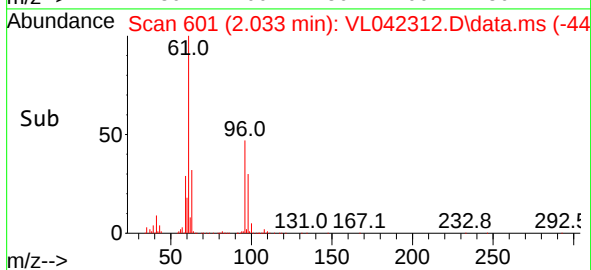
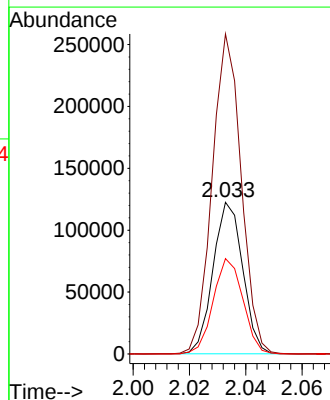
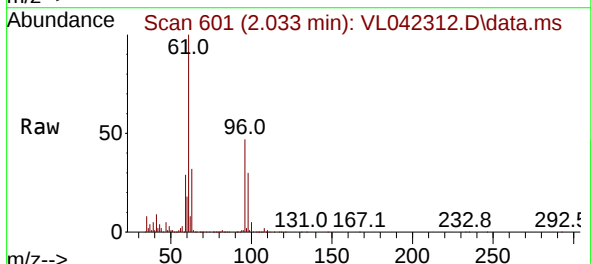
Tgt Ion: 96 Resp: 89512

Ion Ratio Lower Upper

96 100

61 210.8 167.6 251.4

98 62.9 53.5 80.3





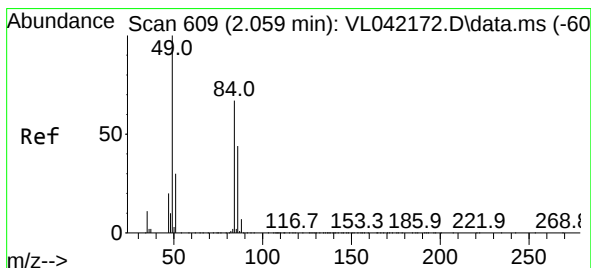
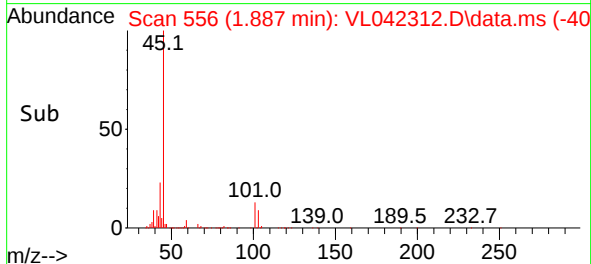
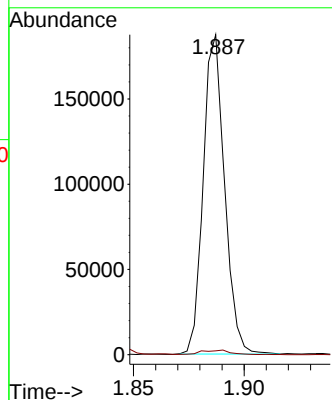
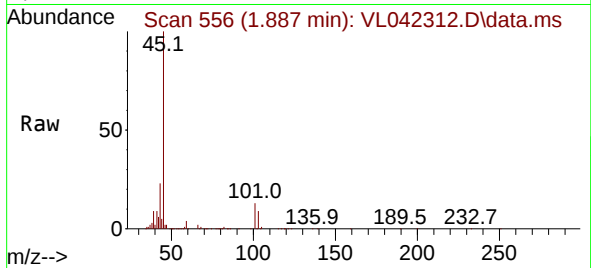
#19
Isopropyl Alcohol
Concen: 8.639 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 12523
Ion Ratio Lower Upper
45 100
58 51.2 36.9 55.3

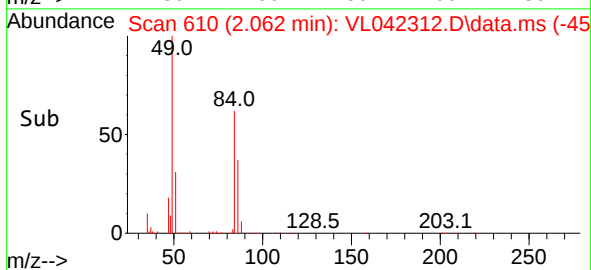
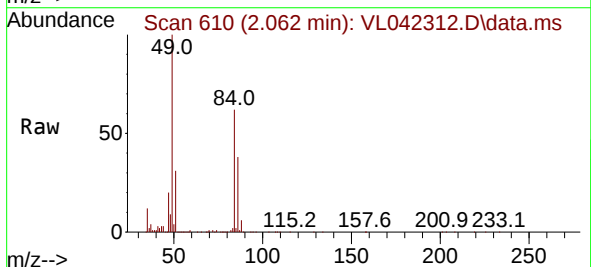
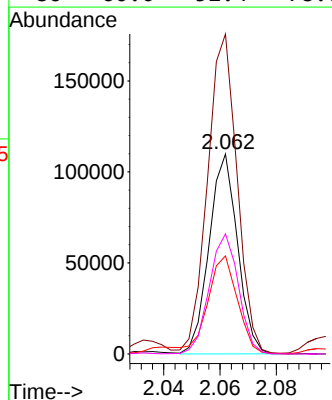
Manual Integrations
APPROVED

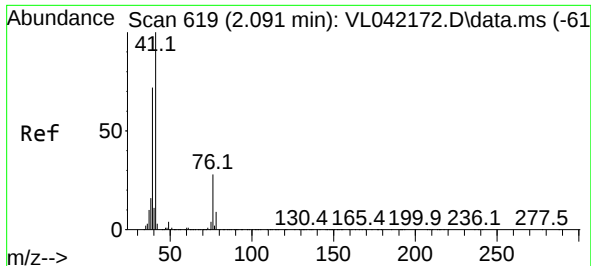
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 8.044 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

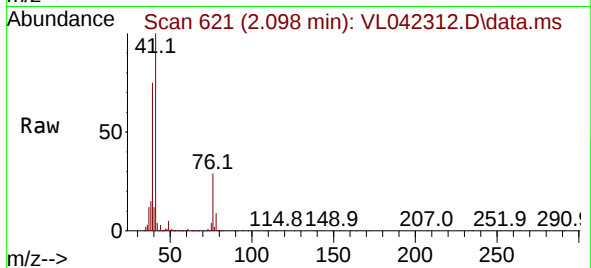
Tgt Ion: 84 Resp: 76968
Ion Ratio Lower Upper
84 100
49 159.9 120.2 180.4
51 48.8 37.4 56.0
86 60.0 52.4 78.6





#21
 Allyl Chloride
 Concen: 8.996 ppbv
 RT: 2.098 min Scan# 619
 Delta R.T. 0.006 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

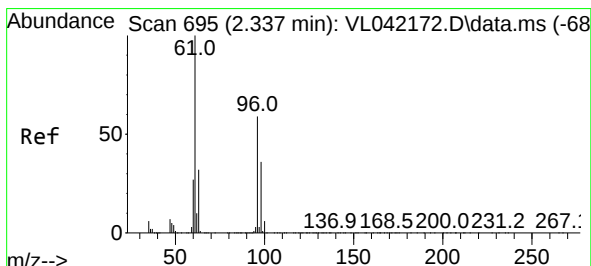
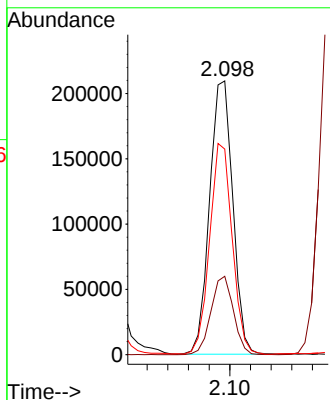
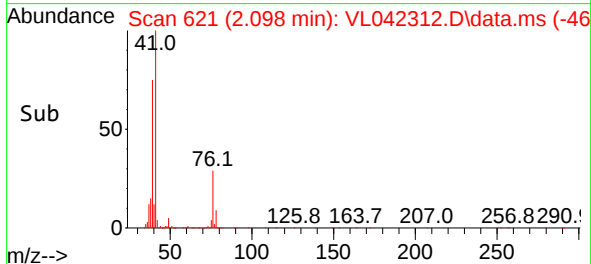
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



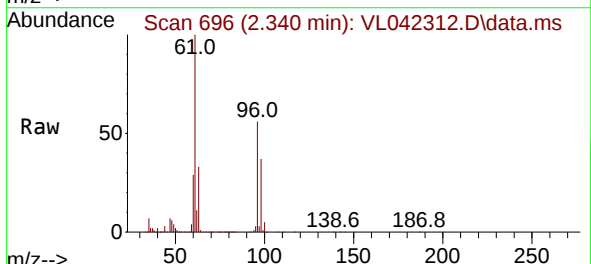
Tgt Ion: 41 Resp: 162998
 Ion Ratio Lower Upper
 41 100
 76 27.7 24.1 36.1
 39 74.5 61.1 91.7

Manual Integrations
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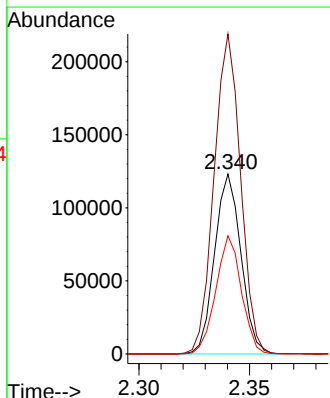
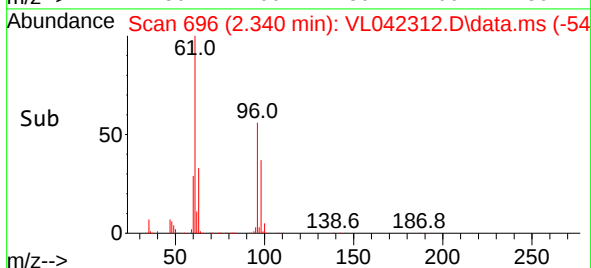
Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

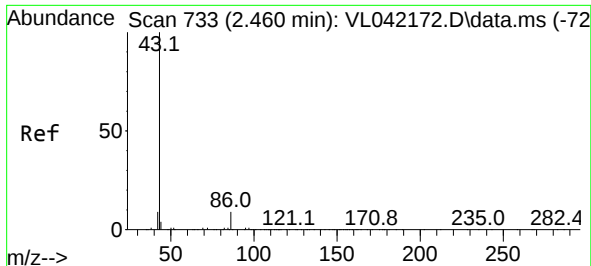


#22
 trans-1,2-Dichloroethene
 Concen: 8.700 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.003 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50



Tgt Ion: 96 Resp: 101974
 Ion Ratio Lower Upper
 96 100
 61 177.7 136.6 204.8
 98 65.6 49.4 74.2





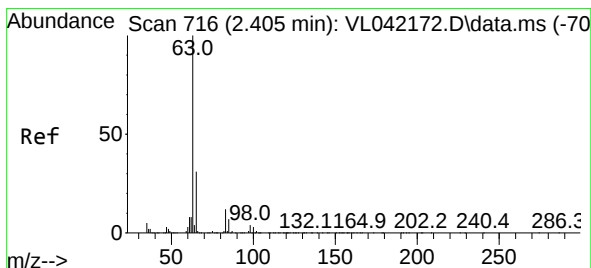
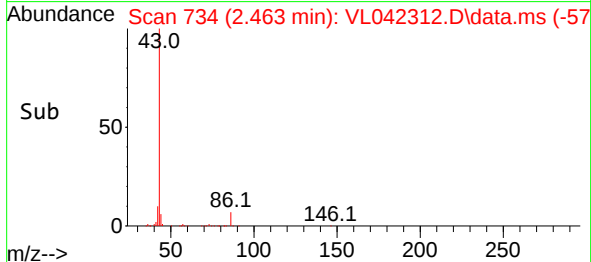
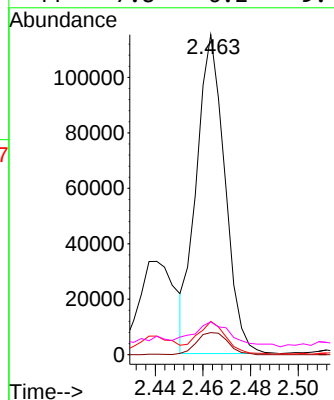
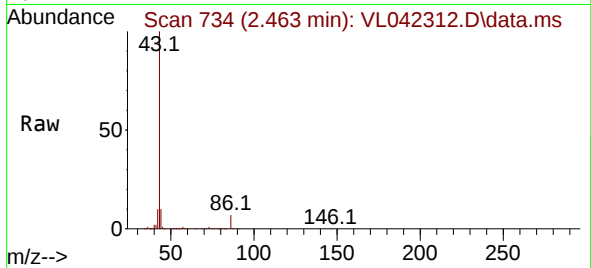
#23
 Vinyl Acetate
 Concen: 8.557 ppbv
 RT: 2.463 min Scan# 716
 Delta R.T. 0.003 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43	Resp: 9515
Ion Ratio	Lower Upper
43 100	
86 6.9	5.5 8.3
42 10.1	8.6 13.0
44 7.8	6.2 9.4

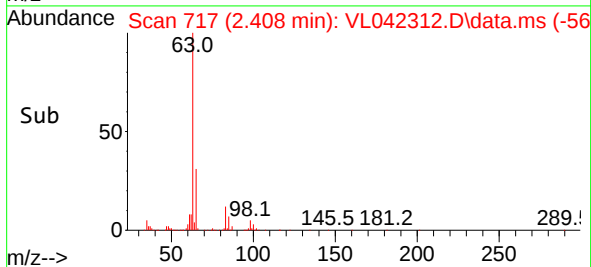
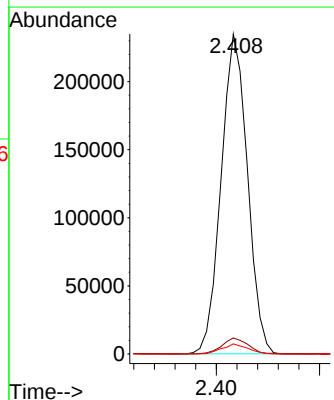
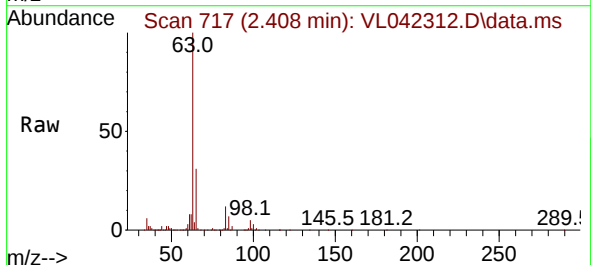
Manual Integrations
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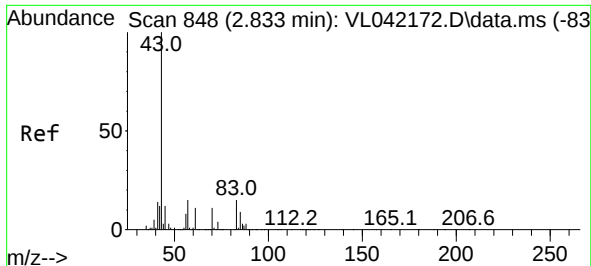
Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#24
 1,1-Dichloroethane
 Concen: 9.567 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

Tgt Ion: 63	Resp: 207862
Ion Ratio	Lower Upper
63 100	
98 5.0	2.3 6.8
100 3.2	1.6 4.7





#25

Ethyl Acetate

Concen: 10.182 ppbv

RT: 2.835 min Scan# 84

Delta R.T. 0.003 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 678920

Ion Ratio Lower Upper

43 100

45 10.5 8.2 12.2

61 9.1 7.3 10.9

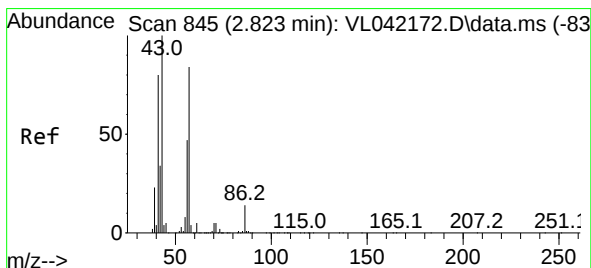
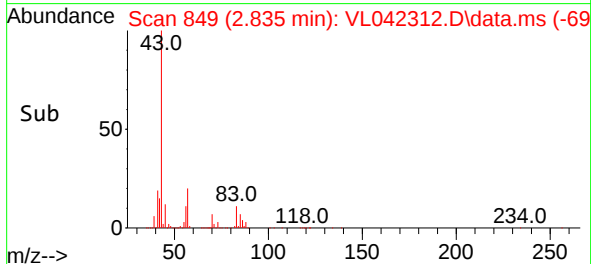
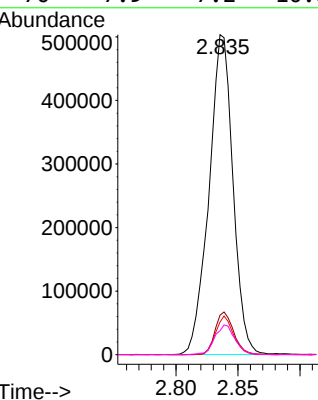
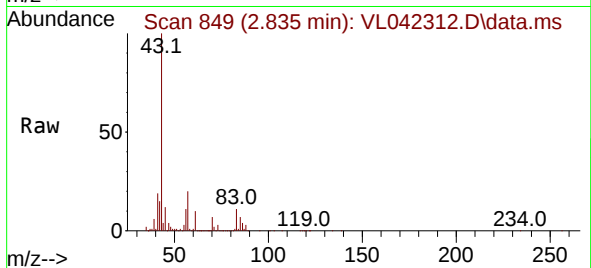
70 7.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025

Supervised By :Mahesh Dadoda 04/17/2025



#26

Hexane

Concen: 9.973 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.003 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Tgt Ion: 57 Resp: 256866

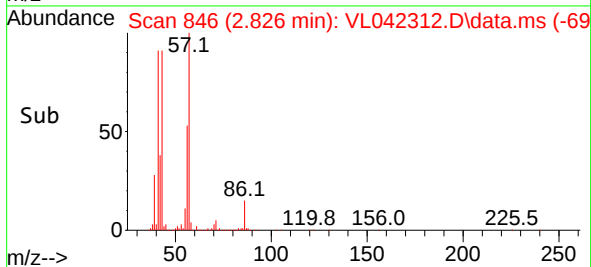
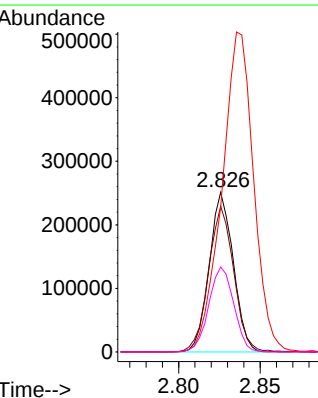
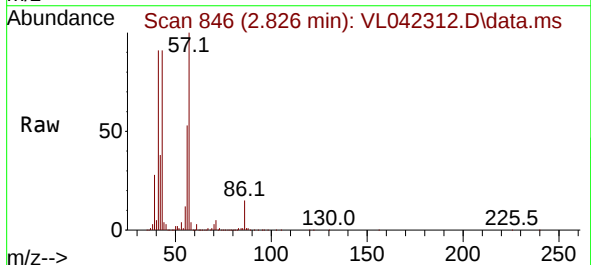
Ion Ratio Lower Upper

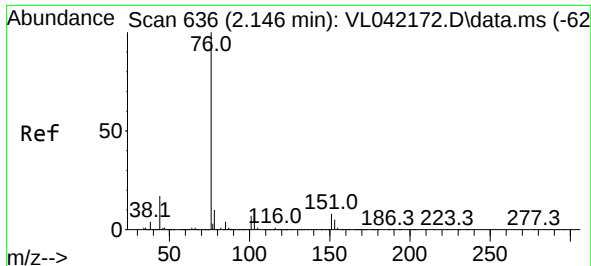
57 100

41 96.5 76.6 114.8

43 265.7 207.8 311.8

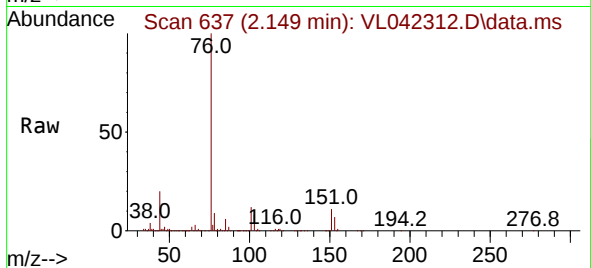
56 55.5 43.6 65.4





#27
Carbon Disulfide
Concen: 8.812 ppbv
RT: 2.149 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

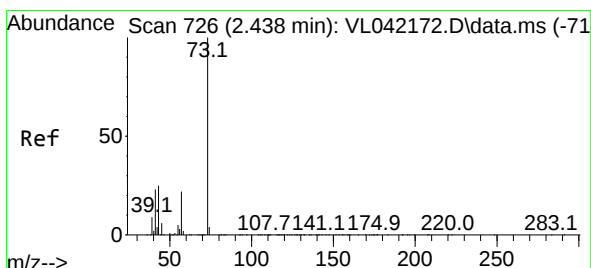
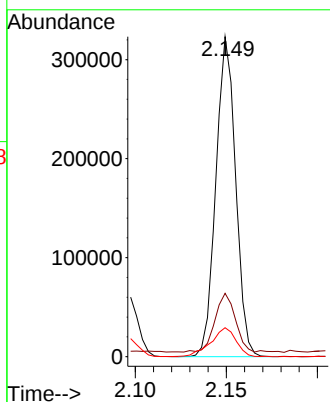
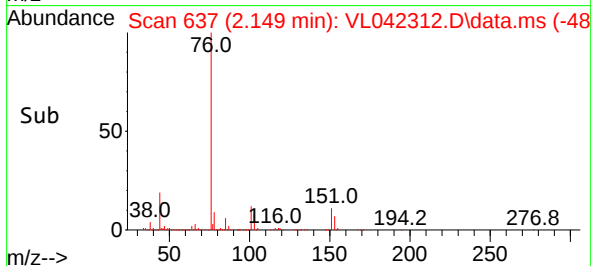
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



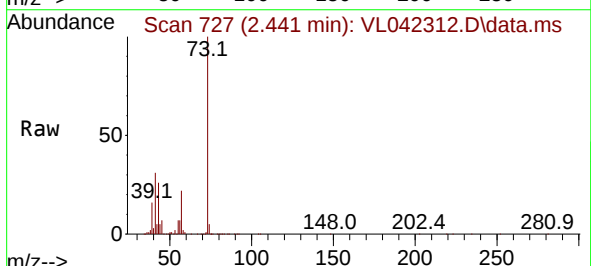
Tgt Ion: 76 Resp: 24336
Ion Ratio Lower Upper
76 100
44 19.5 14.7 22.1
78 11.6 9.3 13.9

Manual Integrations
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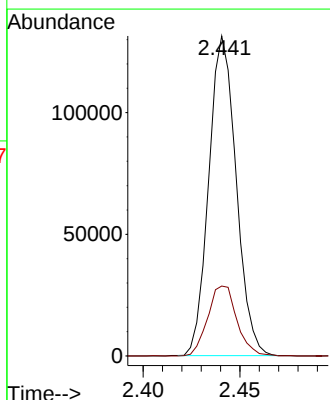
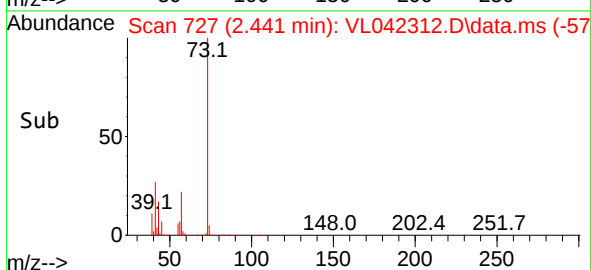
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

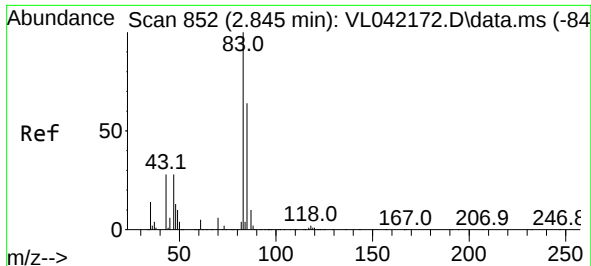


#28
Methyl tert-Butyl Ether
Concen: 8.053 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



Tgt Ion: 73 Resp: 129141
Ion Ratio Lower Upper
73 100
57 23.4 20.5 30.7





#29

Chloroform

Concen: 10.443 ppbv

RT: 2.848 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 393638

Ion Ratio Lower Upper

83 100

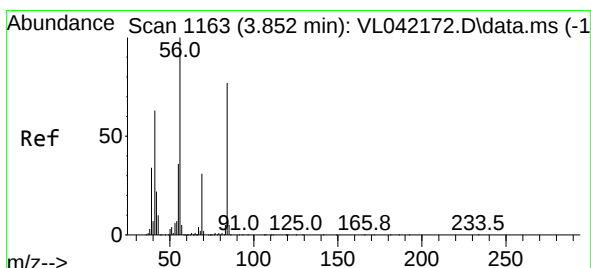
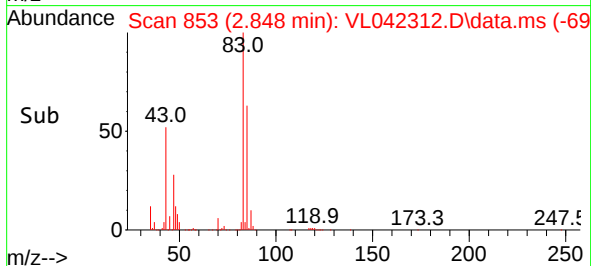
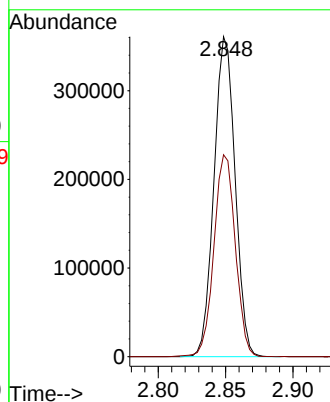
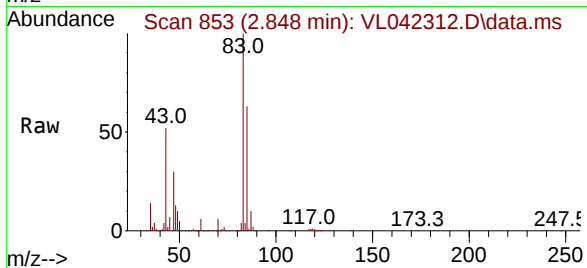
85 63.1 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025

Supervised By :Mahesh Dadoda 04/17/2025



#30

Cyclohexane

Concen: 9.100 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

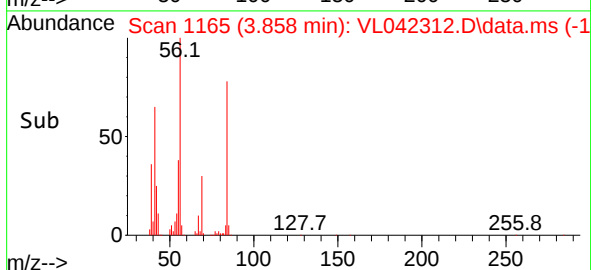
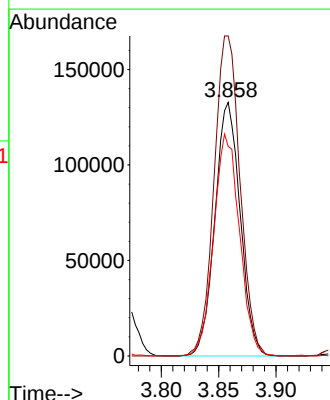
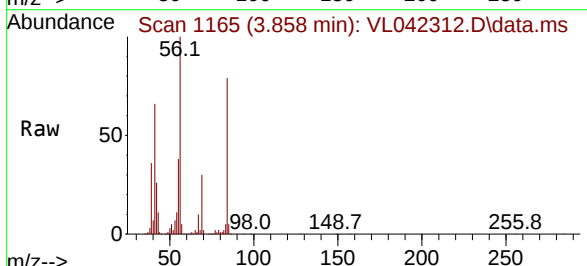
Tgt Ion: 84 Resp: 203526

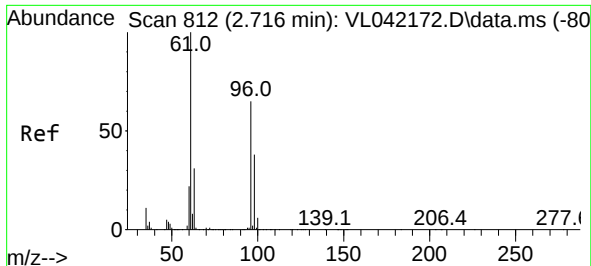
Ion Ratio Lower Upper

84 100

56 129.8 102.8 154.2

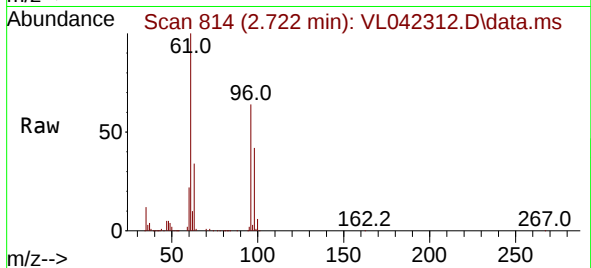
41 89.4 66.5 99.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.454 ppbv
 RT: 2.722 min Scan# 812
 Delta R.T. 0.006 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

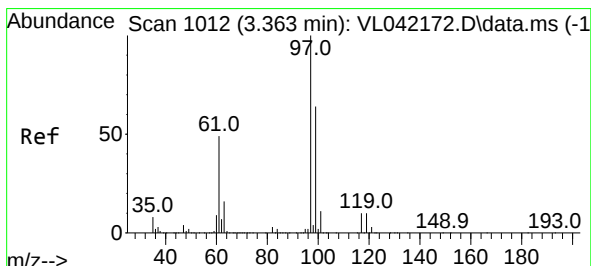
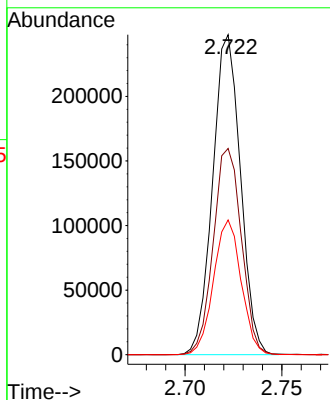
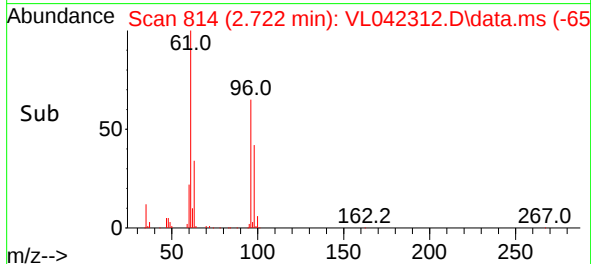
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 247194
 Ion Ratio Lower Upper
 61 100
 96 64.4 51.8 77.8
 98 42.0 30.6 46.0

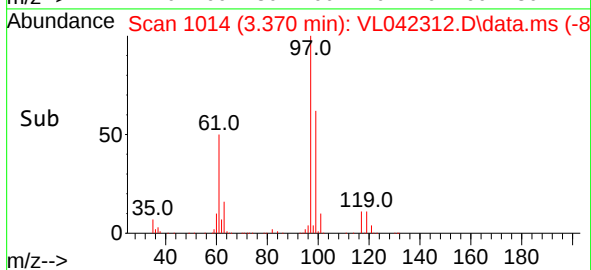
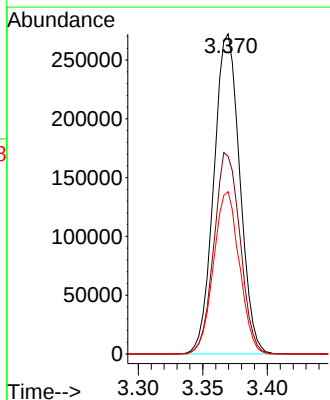
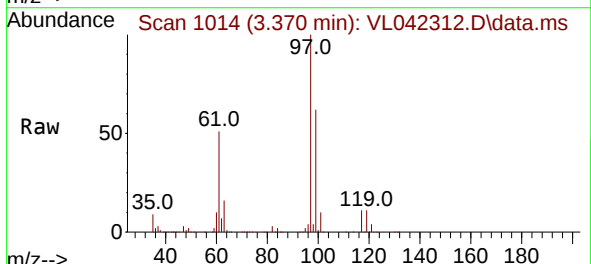
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#32
 1,1,1-Trichloroethane
 Concen: 8.813 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.006 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

Tgt Ion: 97 Resp: 380312
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.5 77.3
 61 50.6 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.006 min

Lab File: VL042312.D

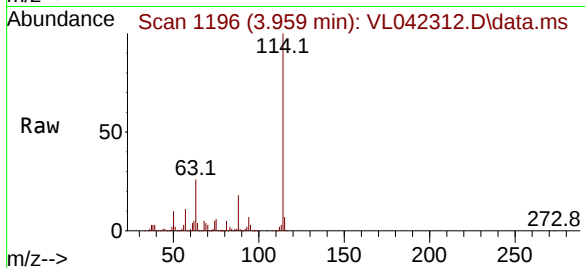
Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:114 Resp: 463740

Ion Ratio Lower Upper

114 100

63 25.5 20.7 31.1

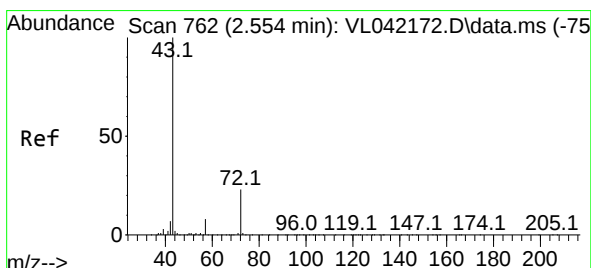
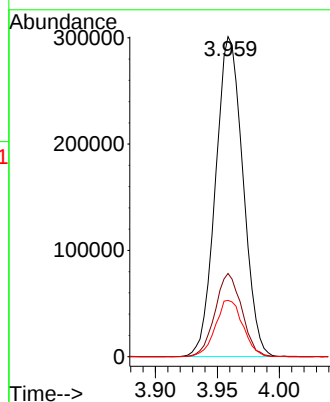
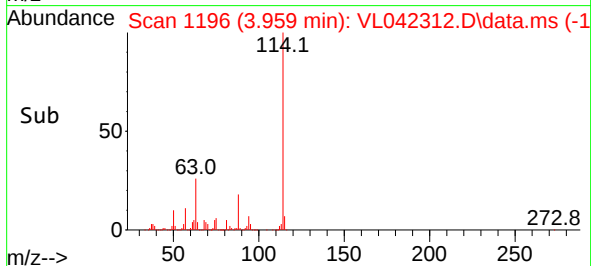
88 17.7 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025

Supervised By :Mahesh Dadoda 04/17/2025



#34

2-Butanone

Concen: 11.321 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL042312.D

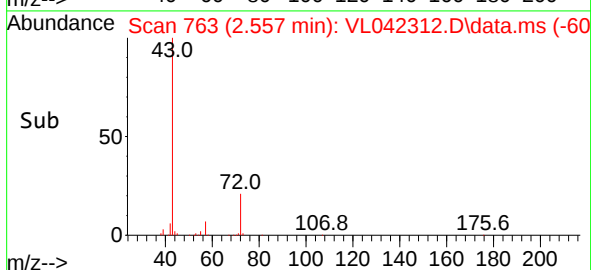
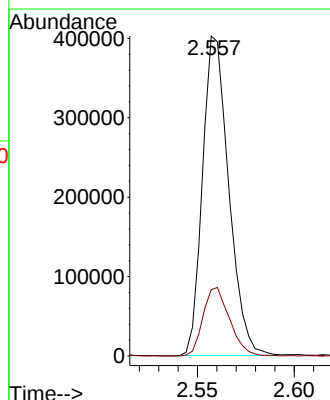
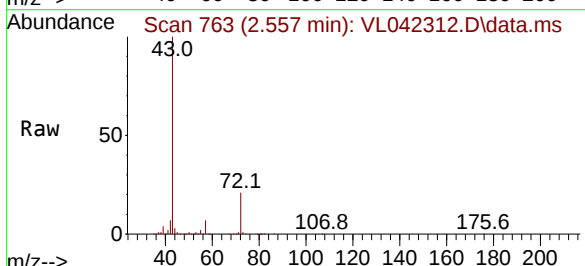
Acq: 11 Apr 2025 09:50

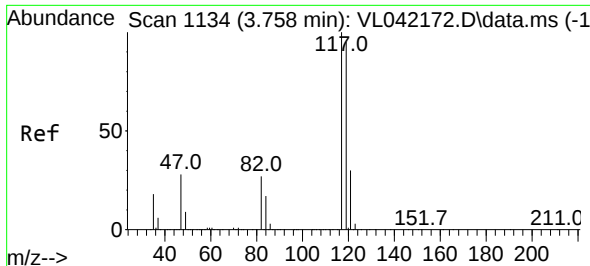
Tgt Ion: 43 Resp: 380682

Ion Ratio Lower Upper

43 100

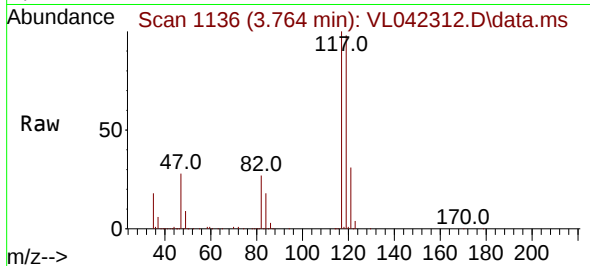
72 21.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 10.769 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

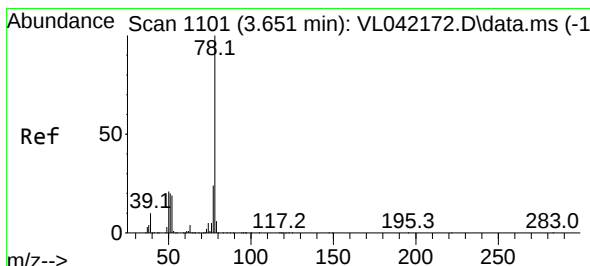
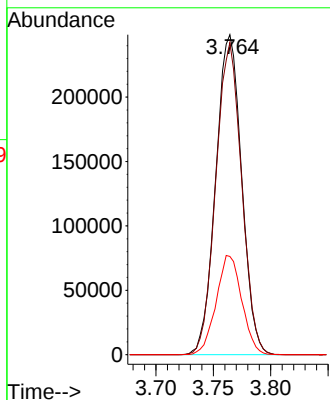
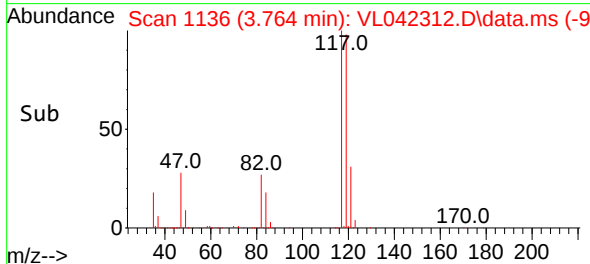
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 390140
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.2
121 30.7 24.2 36.4

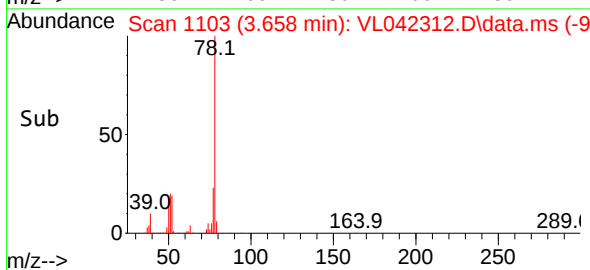
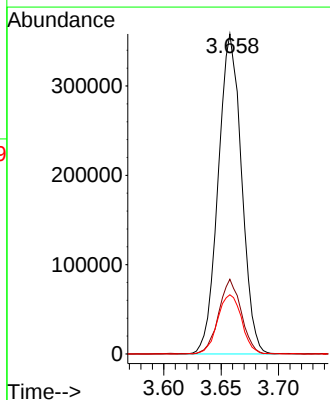
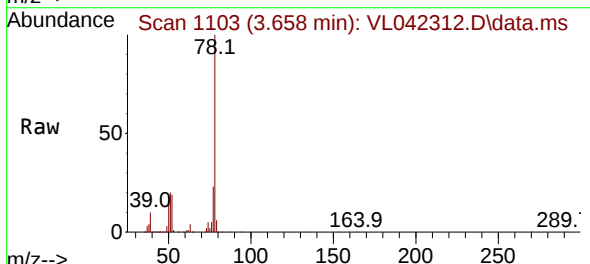
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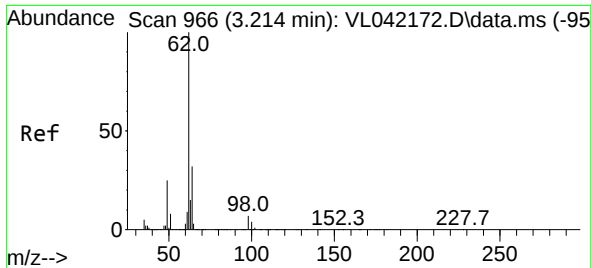
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#36
Benzene
Concen: 11.012 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion: 78 Resp: 506278
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7
50 18.5 16.6 24.8





#37

1,2-Dichloroethane

Concen: 11.101 ppbv

RT: 3.221 min Scan# 966

Delta R.T. 0.006 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 29218

Ion Ratio Lower Upper

62 100

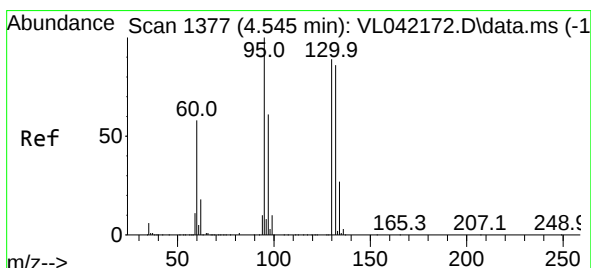
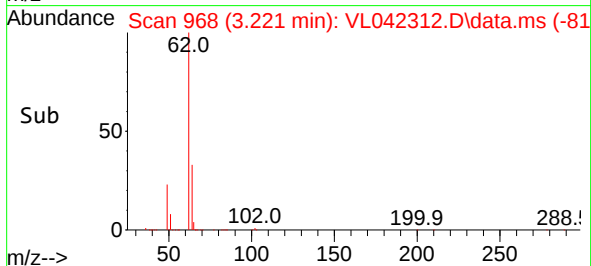
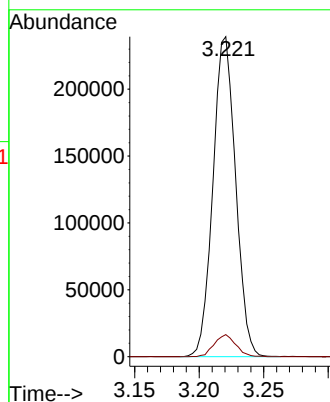
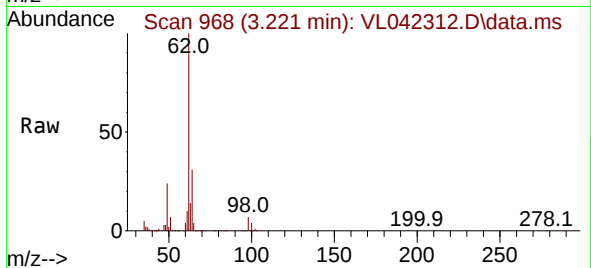
98 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025

Supervised By :Mahesh Dadoda 04/17/2025



#38

Trichloroethene

Concen: 10.591 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Tgt Ion:130 Resp: 203156

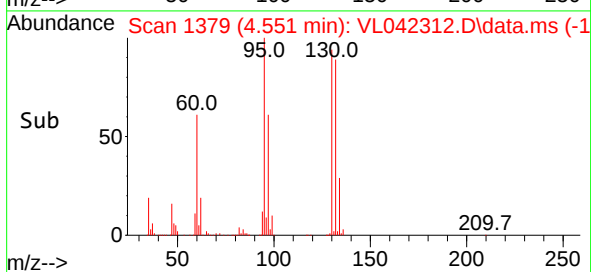
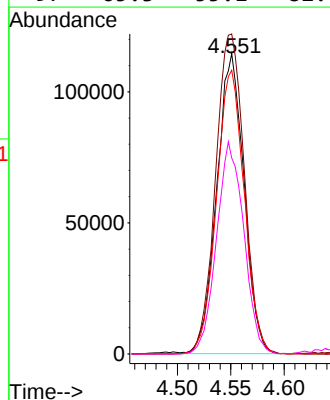
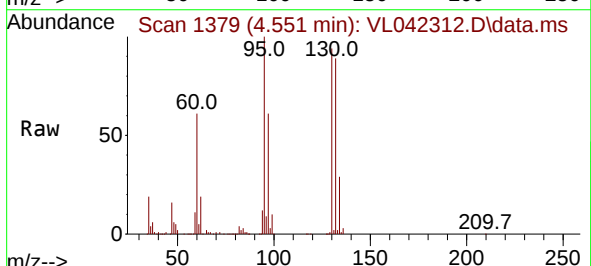
Ion Ratio Lower Upper

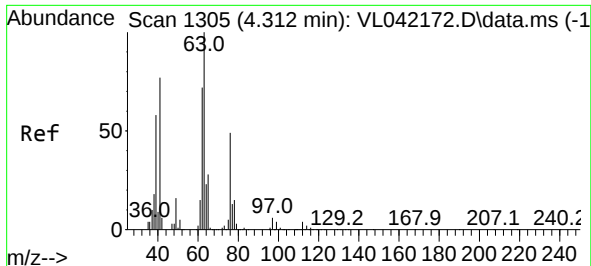
130 100

95 106.6 89.8 134.8

132 94.5 77.4 116.2

97 65.3 55.1 82.7





#39

1,2-Dichloropropane

Concen: 11.079 ppbv

RT: 4.315 min Scan# 1305

Delta R.T. 0.003 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

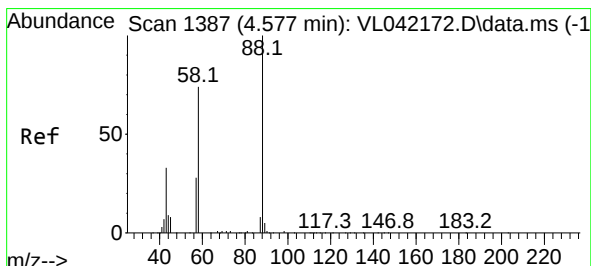
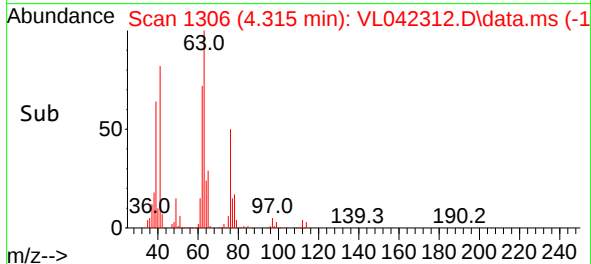
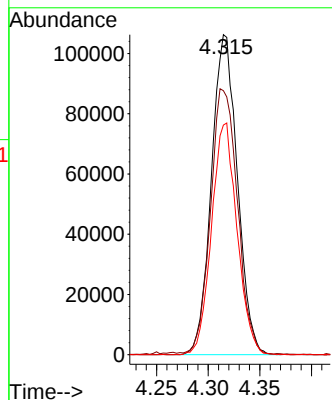
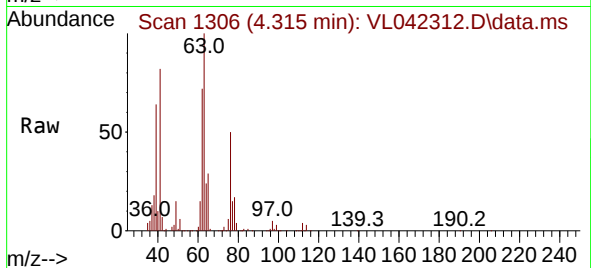
Tgt Ion: 63 Resp: 18549

Ion	Ratio	Lower	Upper
63	100		
41	82.2	61.7	92.5
62	71.8	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#40

1,4-Dioxane

Concen: 9.270 ppbv

RT: 4.583 min Scan# 1389

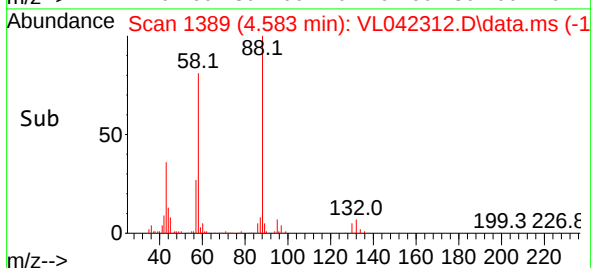
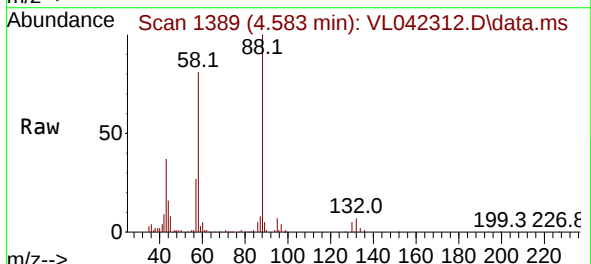
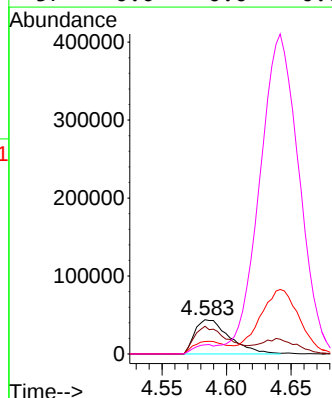
Delta R.T. 0.006 min

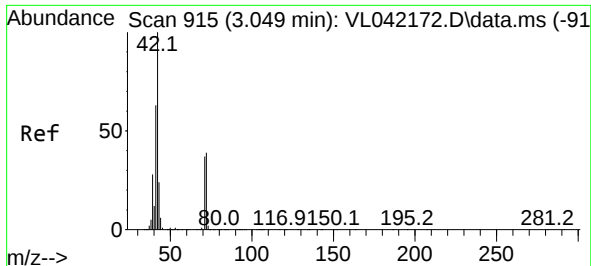
Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Tgt Ion: 88 Resp: 82376

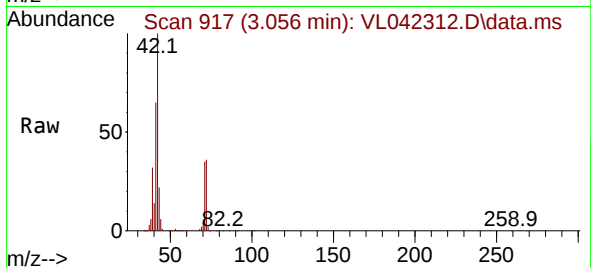
Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.7	94.1
43	30.6	23.0	34.4
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 11.188 ppbv
RT: 3.056 min Scan# 915
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

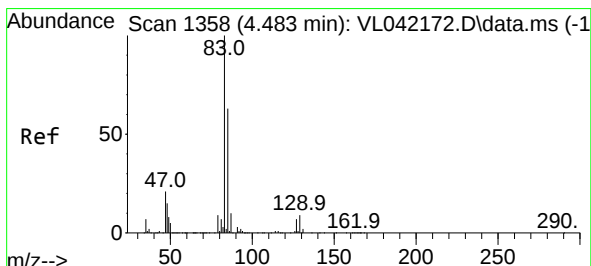
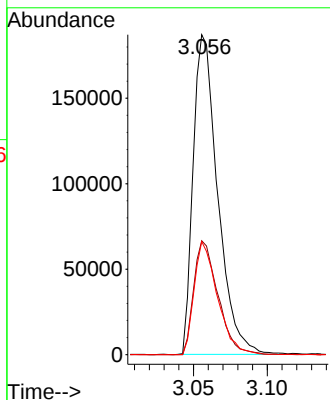
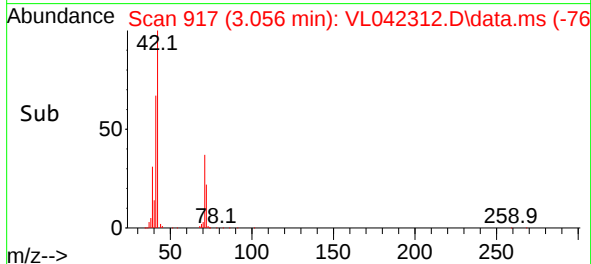
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



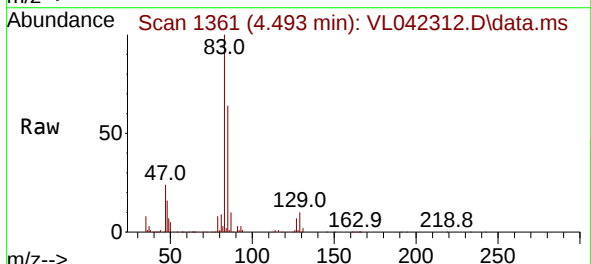
Tgt Ion: 42 Resp: 216640
Ion Ratio Lower Upper
42 100
72 35.3 31.4 47.0
71 33.8 30.2 45.4

Manual Integrations
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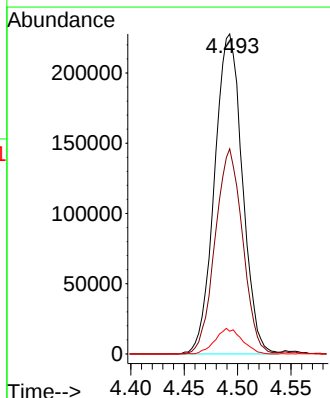
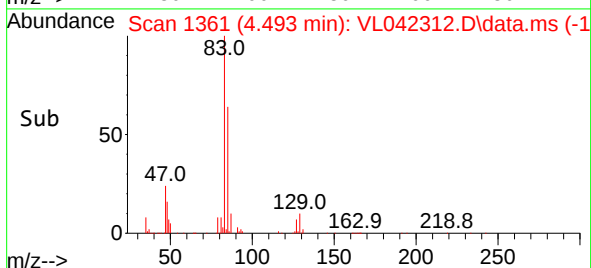
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

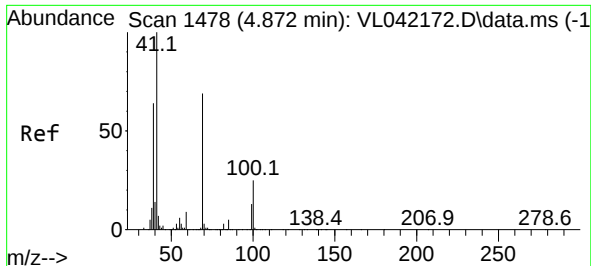


#42
Bromodichloromethane
Concen: 11.389 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.009 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



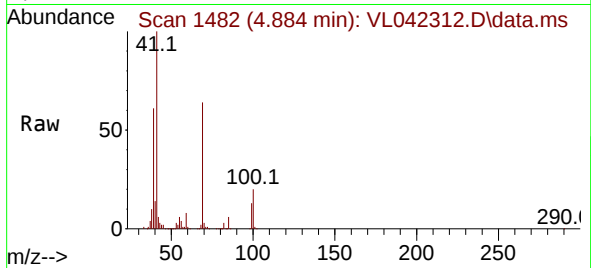
Tgt Ion: 83 Resp: 413250
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 7.1 5.9 8.9





#43
Methyl Methacrylate
Concen: 9.478 ppbv
RT: 4.884 min Scan# 1478
Delta R.T. 0.013 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

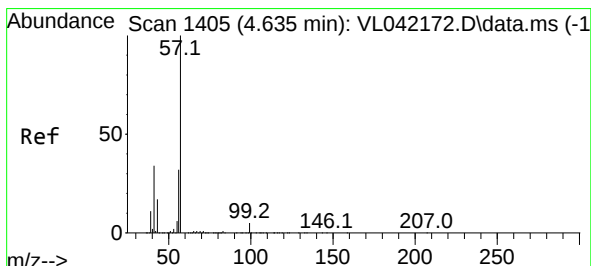
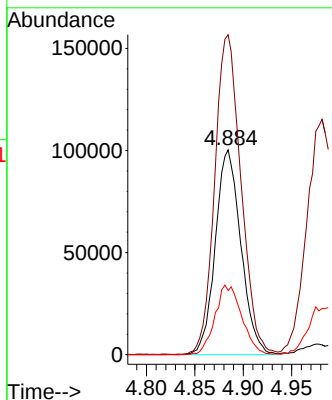
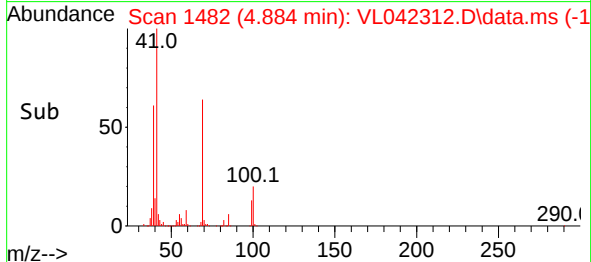
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



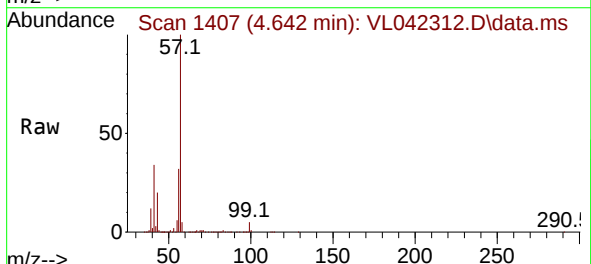
Tgt Ion: 69 Resp: 184472
Ion Ratio Lower Upper
69 100
41 160.3 123.8 185.6
100 35.6 28.4 42.6

Manual Integrations
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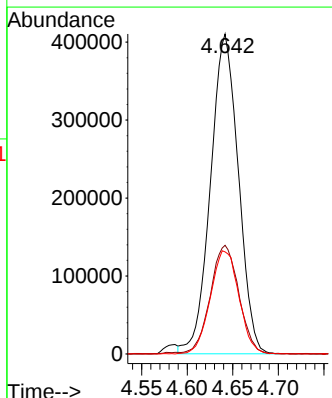
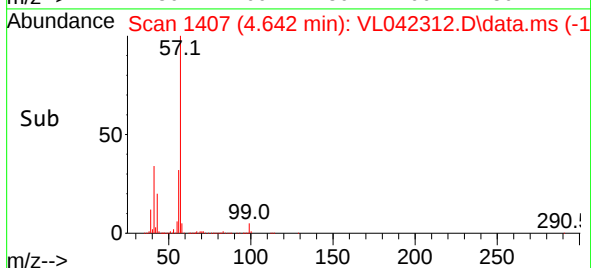
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
2,2,4-Trimethylpentane
Concen: 11.235 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



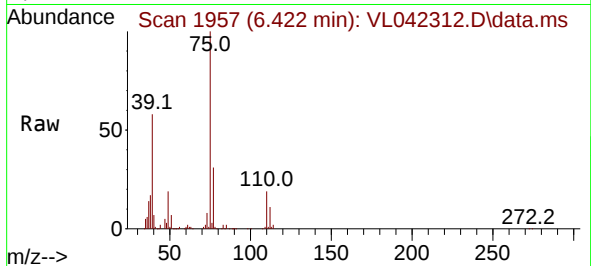
Tgt Ion: 57 Resp: 872871
Ion Ratio Lower Upper
57 100
41 35.1 26.8 40.2
56 33.1 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 8.467 ppbv
RT: 6.422 min Scan# 1952
Delta R.T. 0.016 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

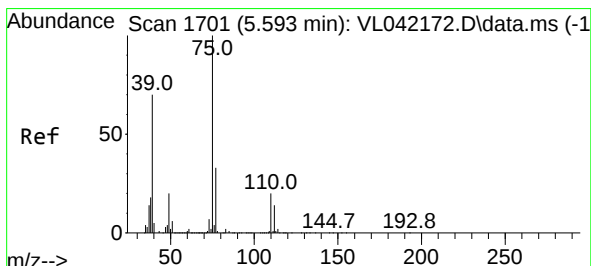
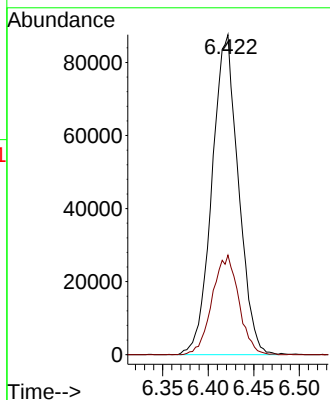
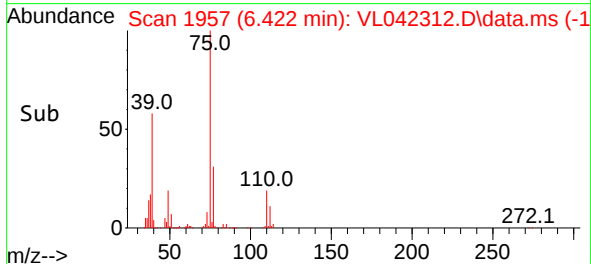
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 176804
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0

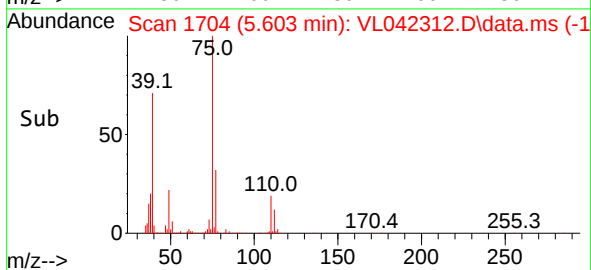
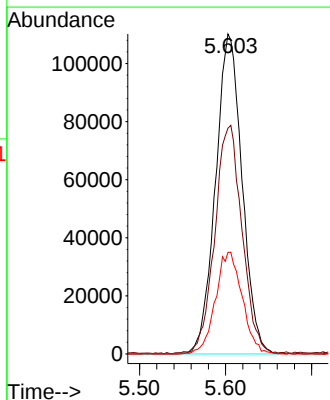
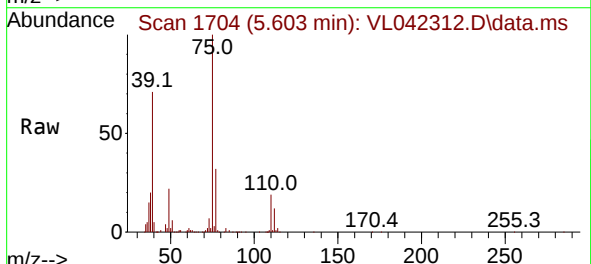
Manual Integrations
APPROVED

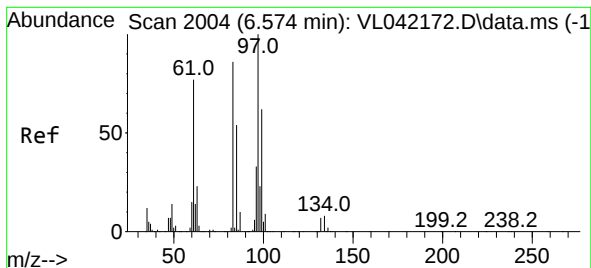
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#46
cis-1,3-Dichloropropene
Concen: 9.222 ppbv
RT: 5.603 min Scan# 1704
Delta R.T. 0.009 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion: 75 Resp: 236039
Ion Ratio Lower Upper
75 100
39 70.2 55.8 83.6
77 31.7 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 11.463 ppbv

RT: 6.583 min Scan# 2004

Delta R.T. 0.009 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 20289

Ion Ratio Lower Upper

97 100

83 87.5 69.2 103.8

85 56.7 43.1 64.7

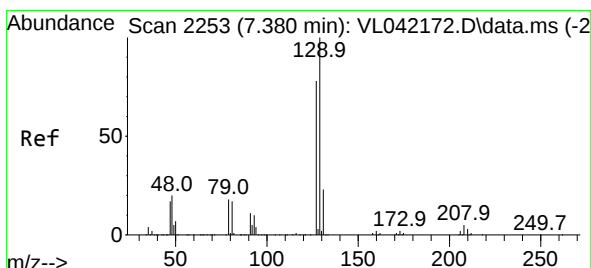
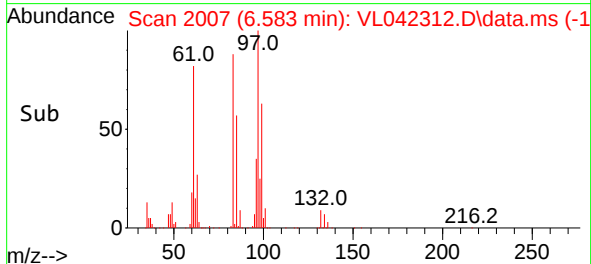
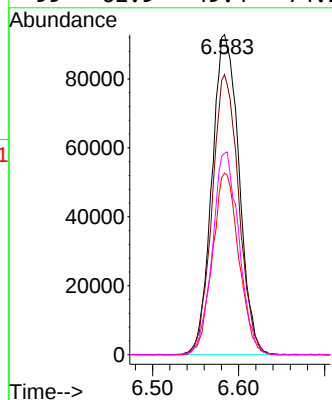
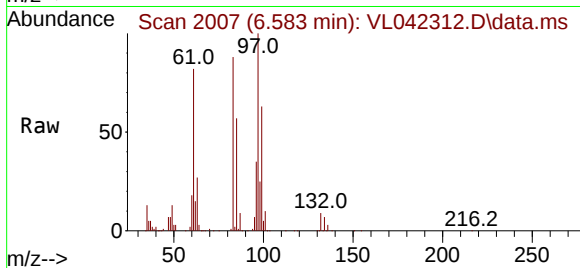
99 62.9 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025

Supervised By :Mahesh Dadoda 04/17/2025



#48

Dibromochloromethane

Concen: 11.106 ppbv

RT: 7.389 min Scan# 2256

Delta R.T. 0.009 min

Lab File: VL042312.D

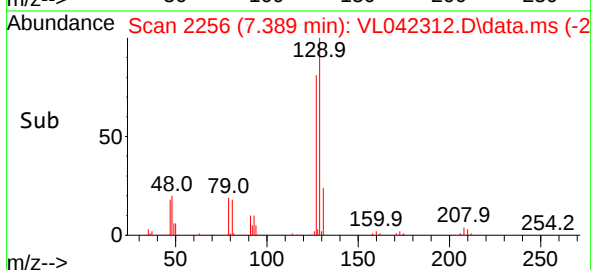
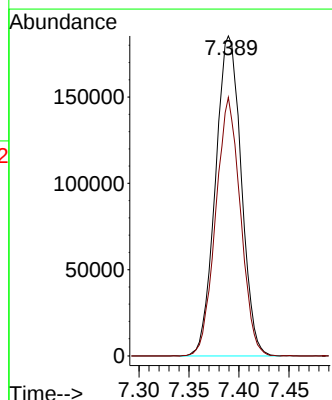
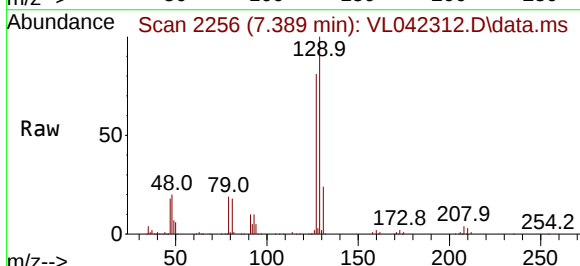
Acq: 11 Apr 2025 09:50

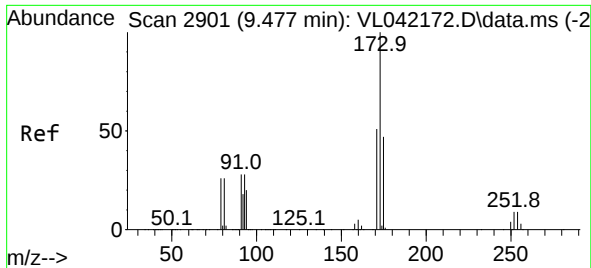
Tgt Ion:129 Resp: 333128

Ion Ratio Lower Upper

129 100

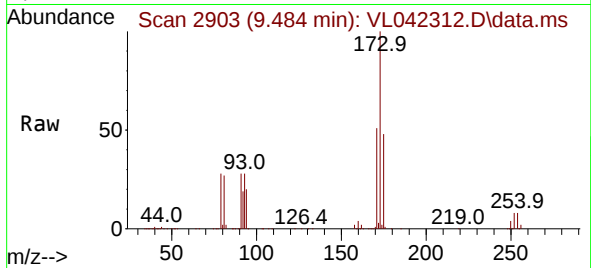
127 77.4 39.1 117.2





#49
Bromoform
Concen: 10.935 ppbv
RT: 9.484 min Scan# 2901
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

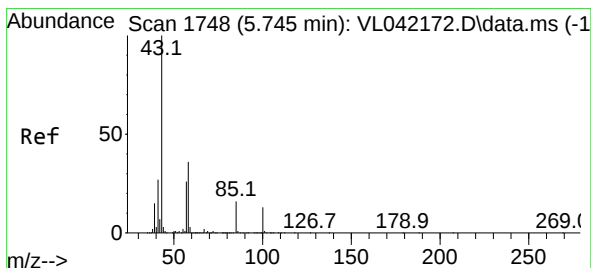
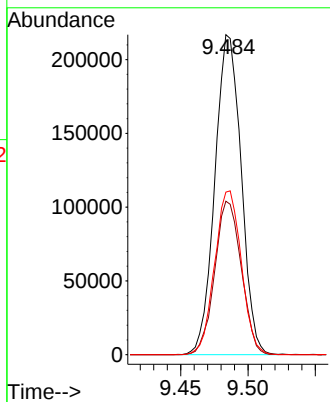
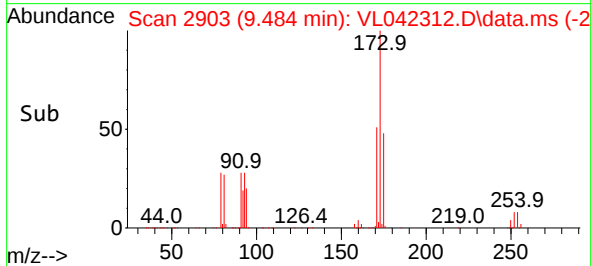
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



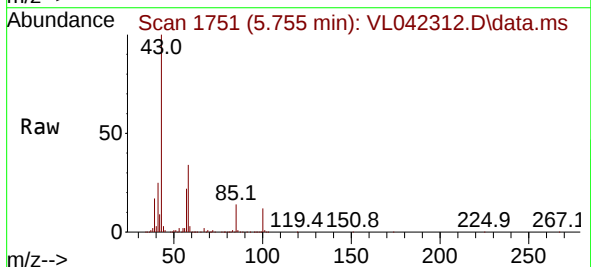
Tgt Ion:173 Resp: 294489
Ion Ratio Lower Upper
173 100
175 48.5 38.6 57.8
171 51.8 41.8 62.6

Manual Integrations
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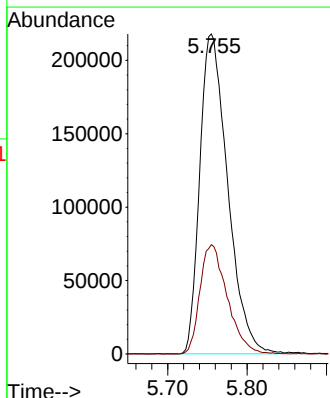
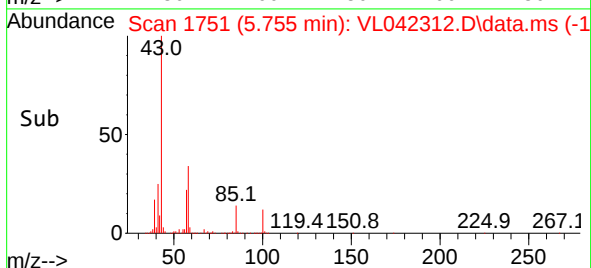
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

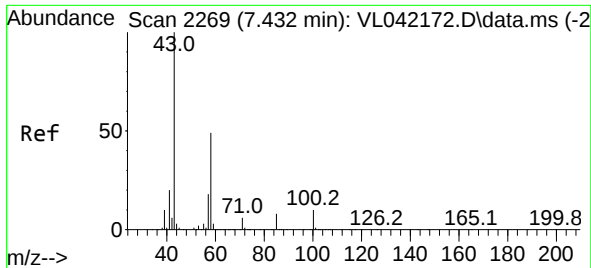


#50
4-Methyl-2-Pentanone
Concen: 9.980 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. 0.009 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



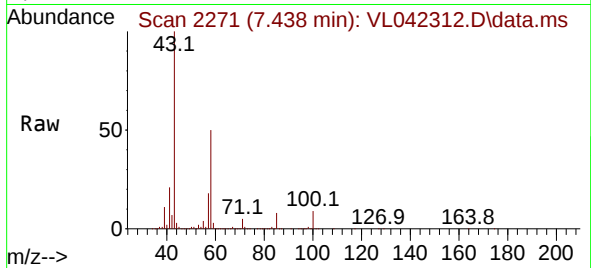
Tgt Ion: 43 Resp: 531851
Ion Ratio Lower Upper
43 100
58 33.5 29.0 43.6





#51
2-Hexanone
Concen: 9.689 ppbv
RT: 7.438 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

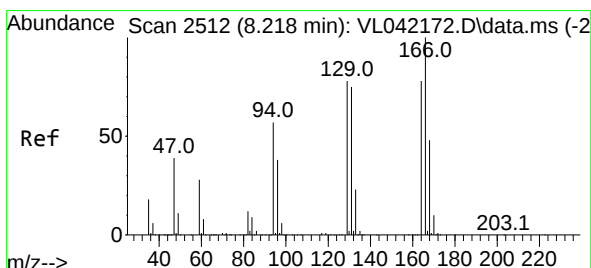
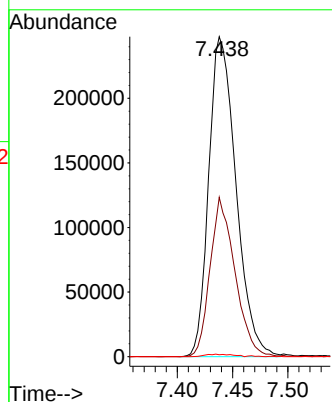
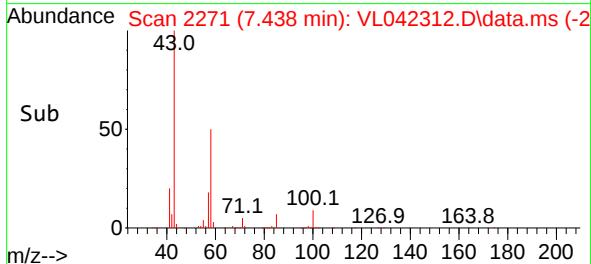
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 424035
Ion Ratio Lower Upper
43 100
58 45.7 39.7 59.5
98 0.9 0.1 0.1

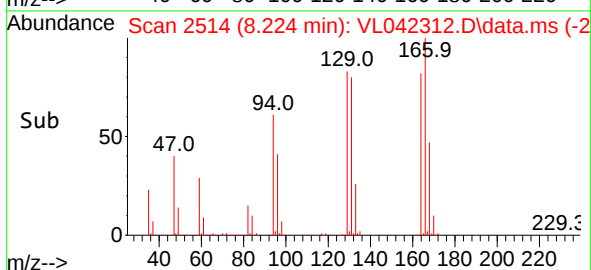
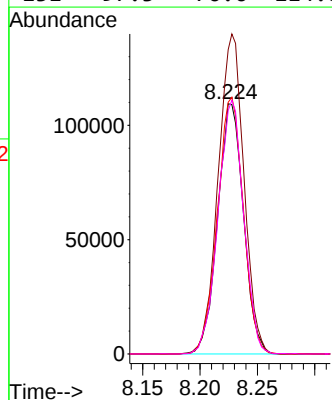
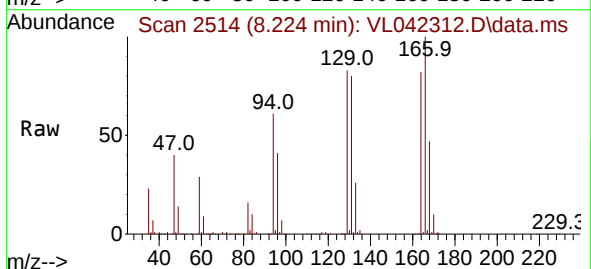
Manual Integrations
APPROVED

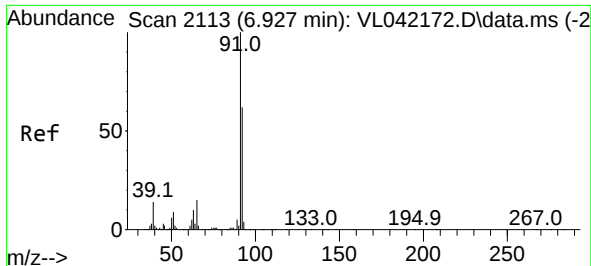
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Tetrachloroethene
Concen: 9.378 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion:164 Resp: 170989
Ion Ratio Lower Upper
164 100
166 121.6 102.5 153.7
129 100.6 79.8 119.8
131 97.3 76.6 114.8





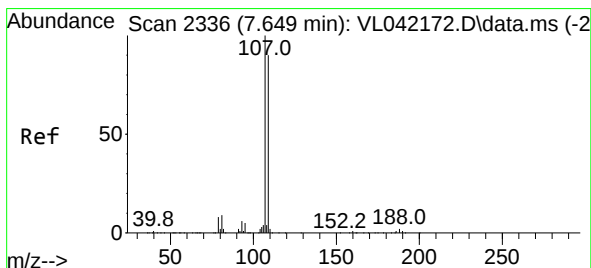
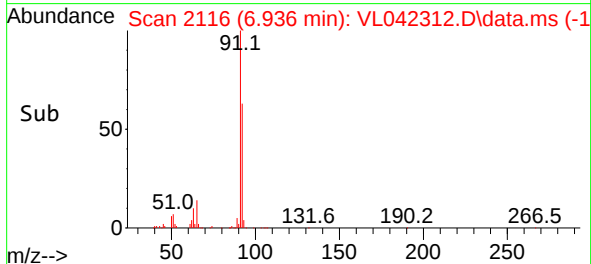
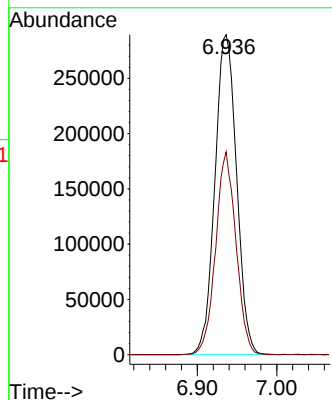
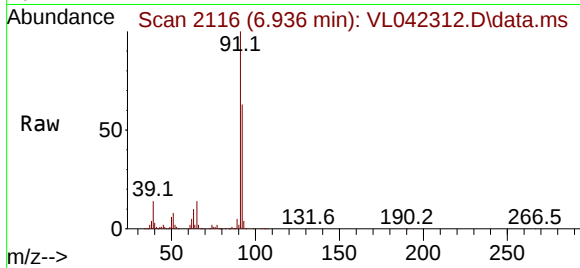
#53
Toluene
Concen: 10.048 ppbv
RT: 6.936 min Scan# 2113
Delta R.T. 0.009 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 547579
Ion Ratio Lower Upper
91 100
92 59.5 48.4 72.6

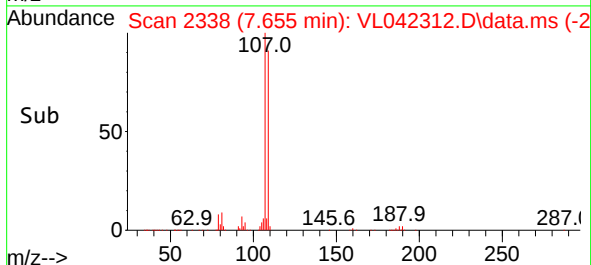
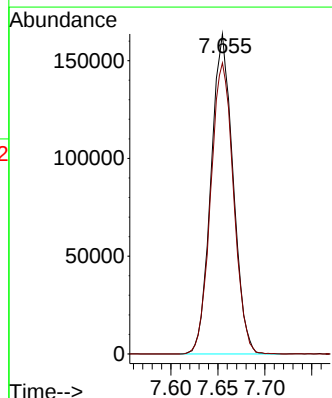
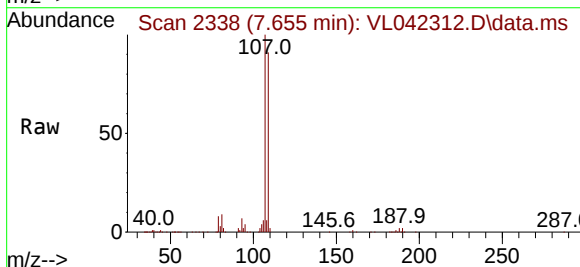
Manual Integrations
APPROVED

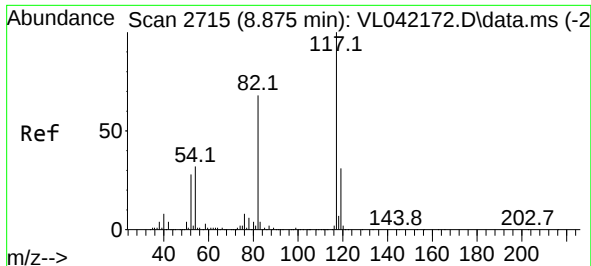
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#54
1,2-Dibromoethane
Concen: 10.831 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion:107 Resp: 267225
Ion Ratio Lower Upper
107 100
109 91.0 72.2 108.4





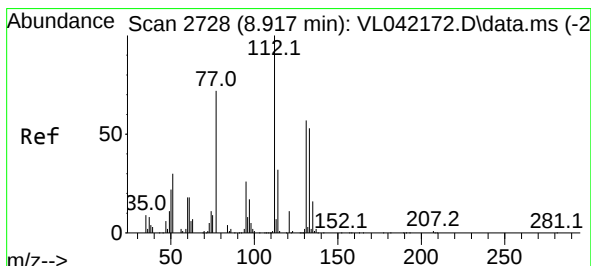
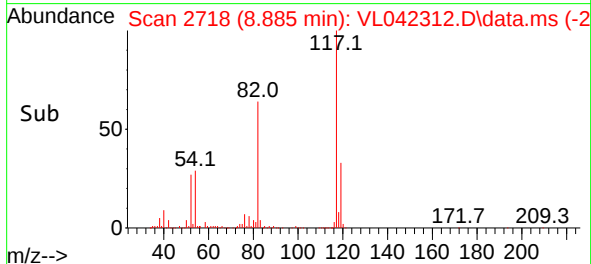
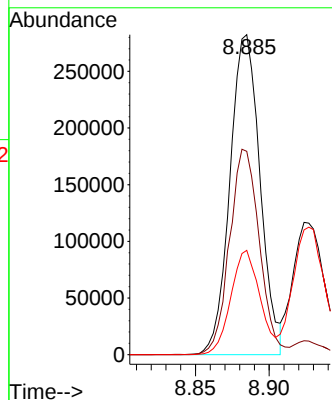
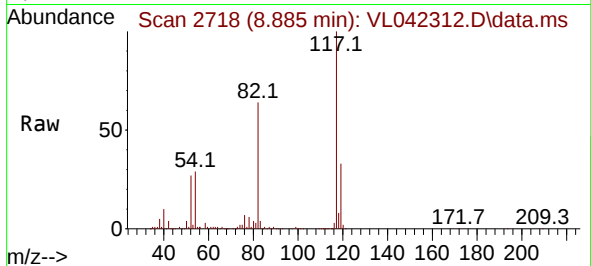
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2715
Delta R.T. 0.009 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 401340
Ion Ratio Lower Upper
117 100
82 67.7 55.8 83.6
119 31.5 25.5 38.3

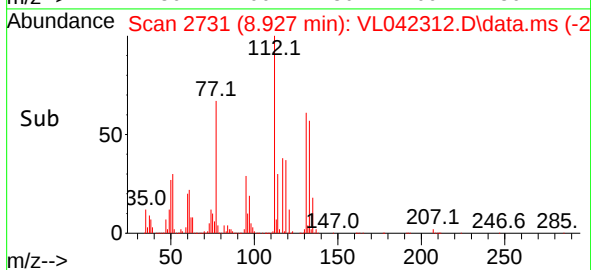
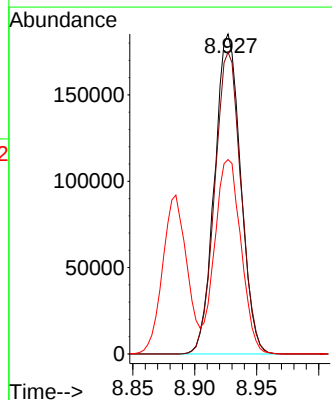
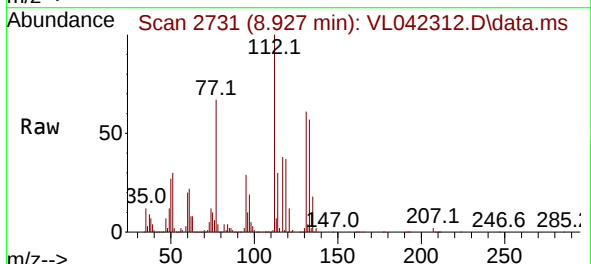
Manual Integrations
APPROVED

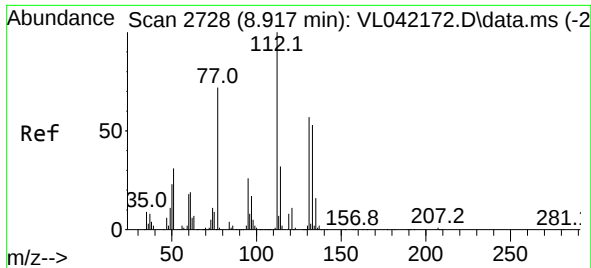
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 12.283 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.009 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

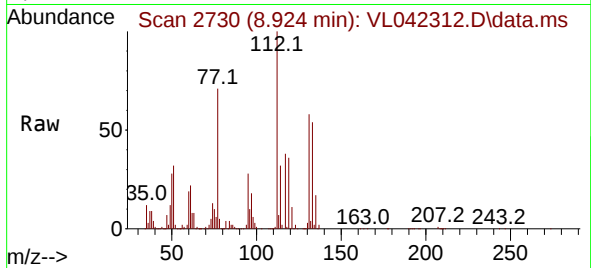
Tgt Ion:131 Resp: 271350
Ion Ratio Lower Upper
131 100
133 95.3 76.6 114.8
119 62.7 49.8 74.6





#57
Chlorobenzene
Concen: 12.099 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

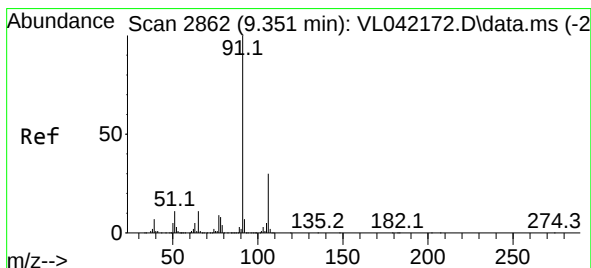
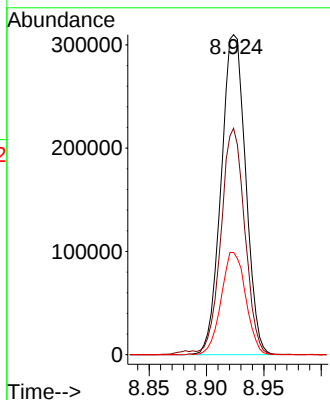
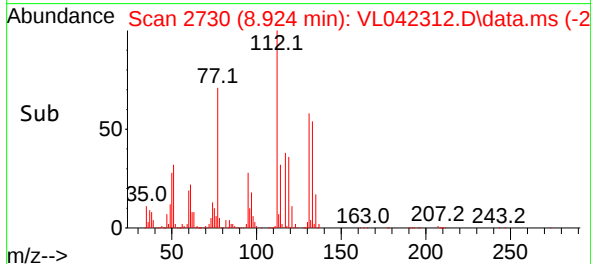
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 460598
Ion Ratio Lower Upper
112 100
77 70.7 58.2 87.2
114 32.0 29.1 35.5

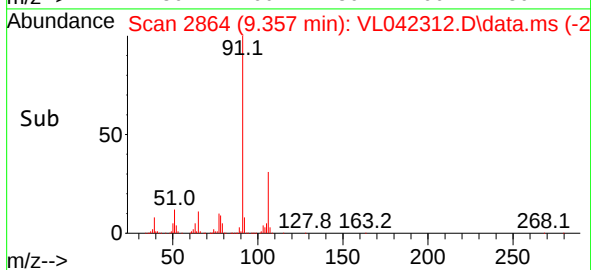
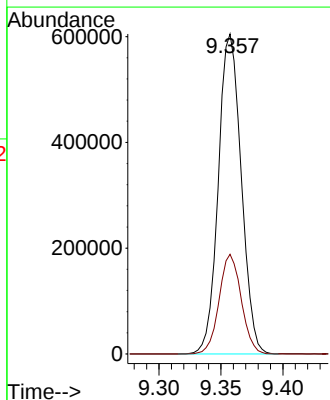
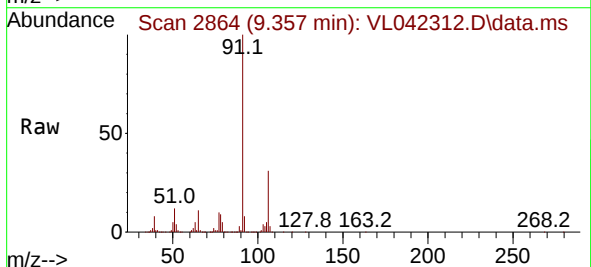
Manual Integrations
APPROVED

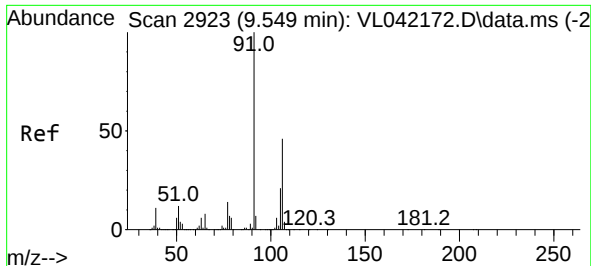
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#58
Ethyl Benzene
Concen: 10.931 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion: 91 Resp: 779227
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2





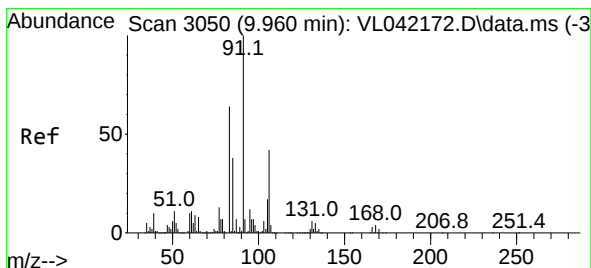
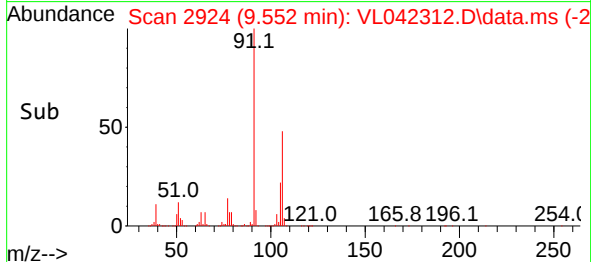
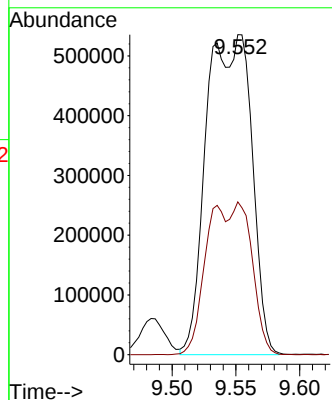
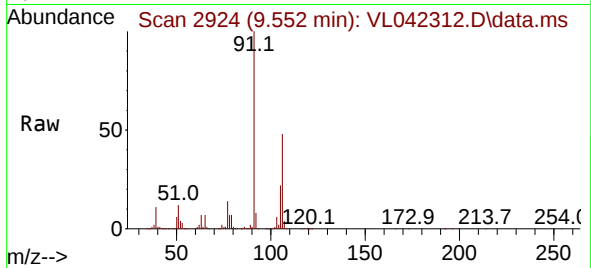
#59
m/p-Xylene
Concen: 23.249 ppbv m
RT: 9.552 min Scan# 2924
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 132346
Ion Ratio Lower Upper
91 100
106 47.1 36.4 54.6

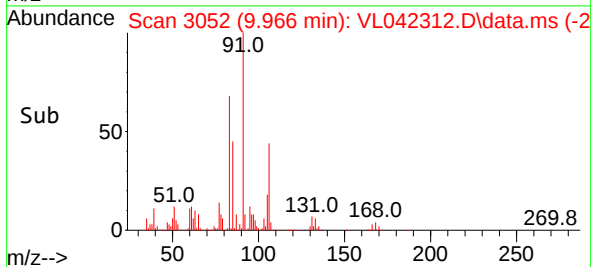
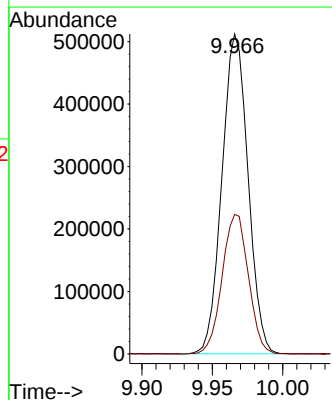
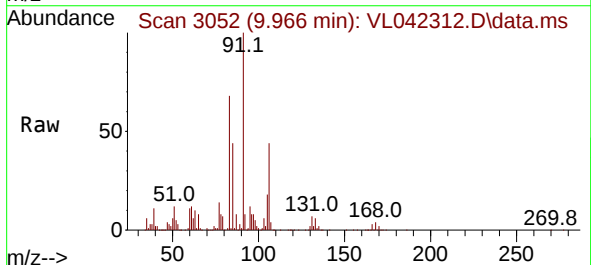
Manual Integrations
APPROVED

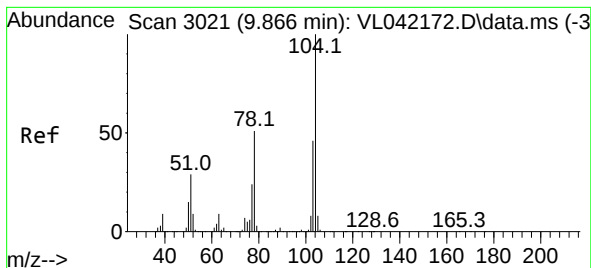
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
o-Xylene
Concen: 11.567 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Tgt Ion: 91 Resp: 660065
Ion Ratio Lower Upper
91 100
106 44.0 20.8 62.5





#61

Styrene

Concen: 10.320 ppbv

RT: 9.872 min Scan# 3021

Delta R.T. 0.006 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

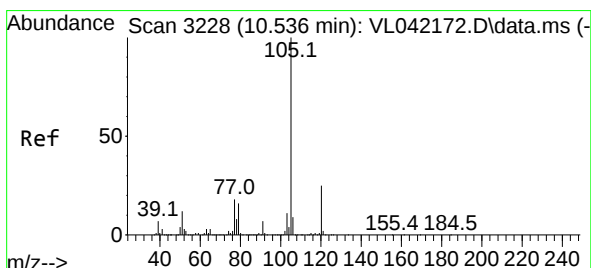
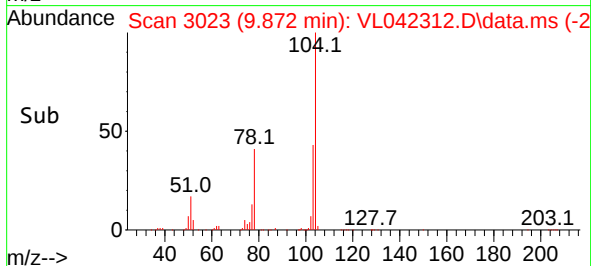
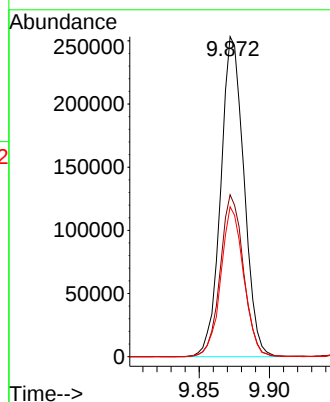
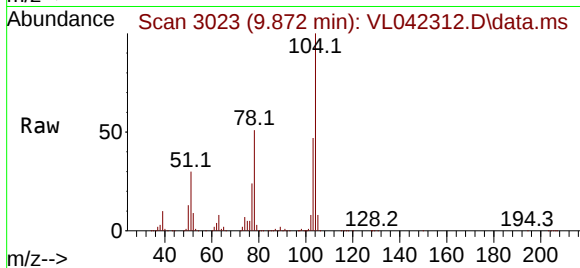
VSTDCCC010

Tgt Ion:104 Resp: 29135
 Ion Ratio Lower Upper
 104 100
 78 50.6 41.8 62.6
 103 46.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#62

Isopropylbenzene

Concen: 11.582 ppbv

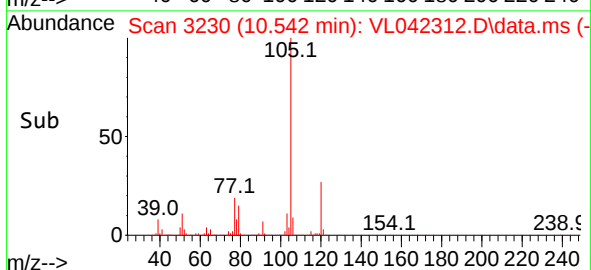
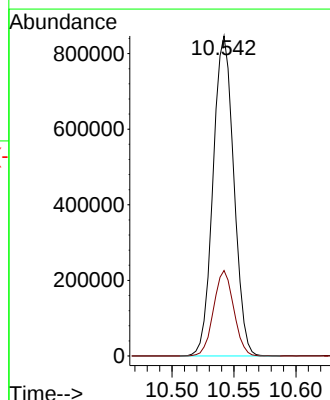
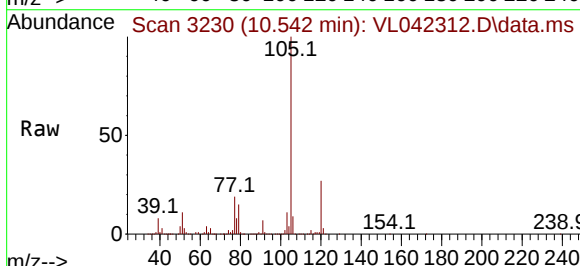
RT: 10.542 min Scan# 3230

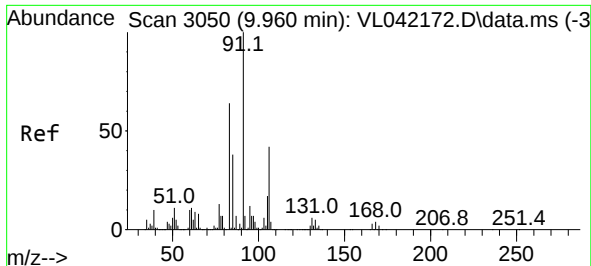
Delta R.T. 0.006 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Tgt Ion:105 Resp: 988337
 Ion Ratio Lower Upper
 105 100
 120 25.9 19.9 29.9





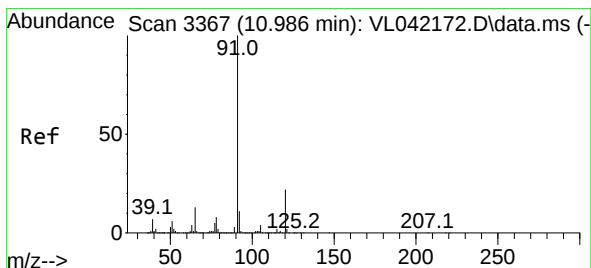
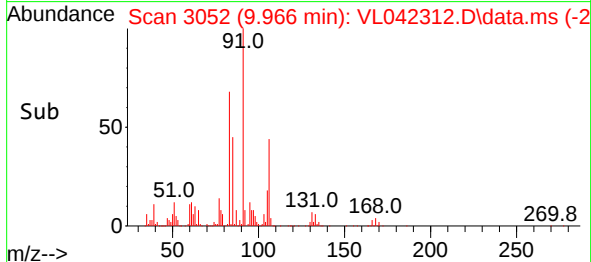
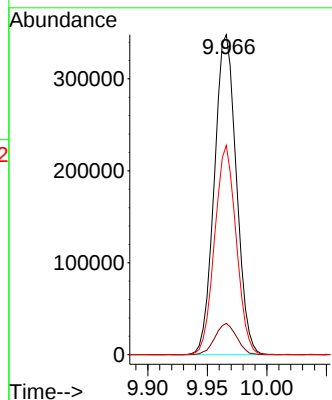
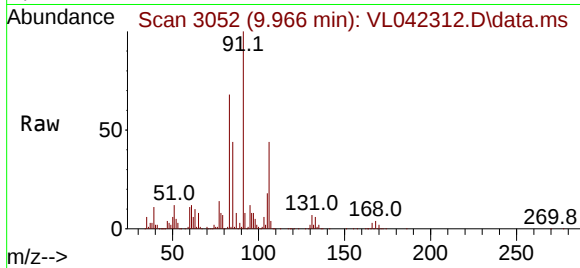
#63
1,1,2,2-Tetrachloroethane
Concen: 12.873 ppbv
RT: 9.966 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 44634
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.0 32.5 97.5

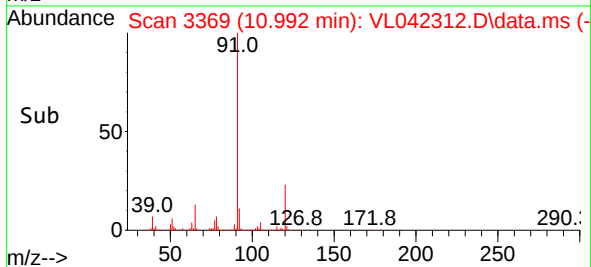
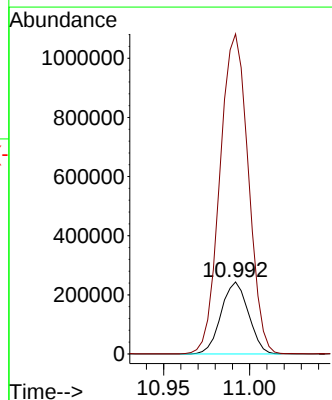
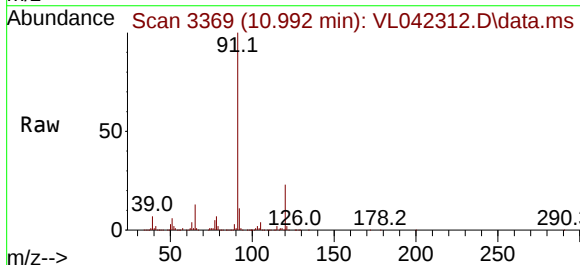
Manual Integrations
APPROVED

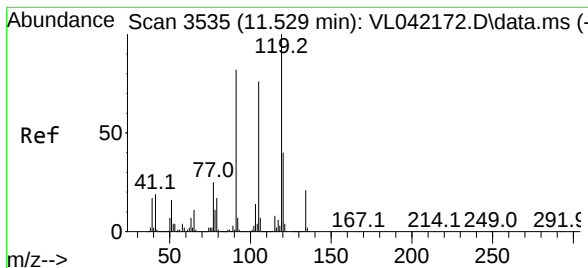
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#64
n-propylbenzene
Concen: 12.231 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

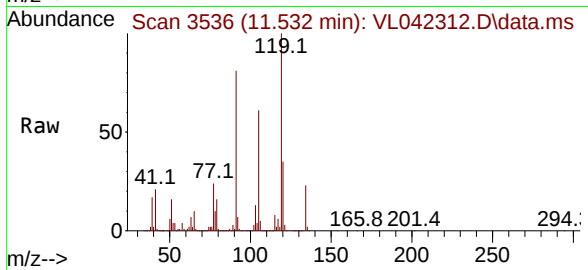
Tgt Ion:120 Resp: 268681
Ion Ratio Lower Upper
120 100
91 463.6 376.9 565.3





#65
tert-Butylbenzene
Concen: 11.820 ppbv
RT: 11.532 min Scan# 3535
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

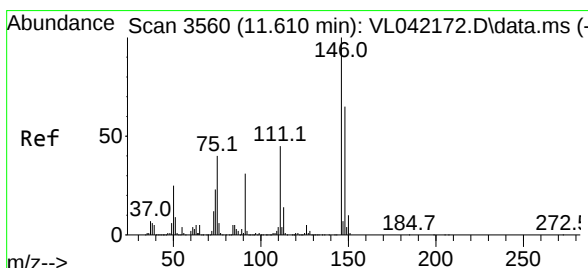
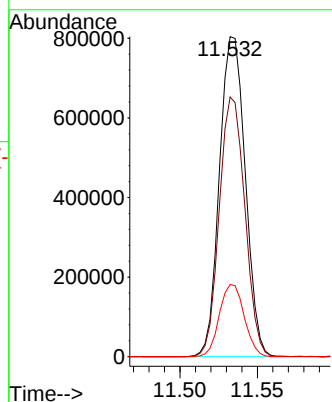
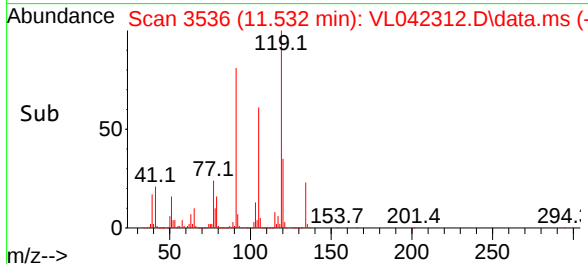
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



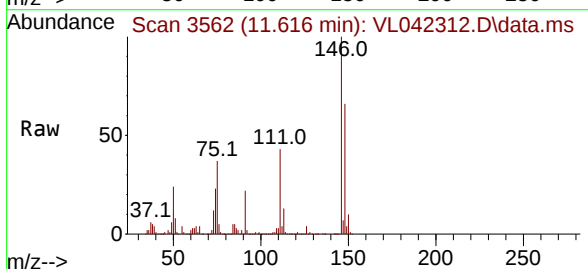
Tgt Ion: 119 Resp: 932850
Ion Ratio Lower Upper
119 100
91 80.3 66.0 99.0
134 21.7 16.7 25.1

Manual Integrations
APPROVED

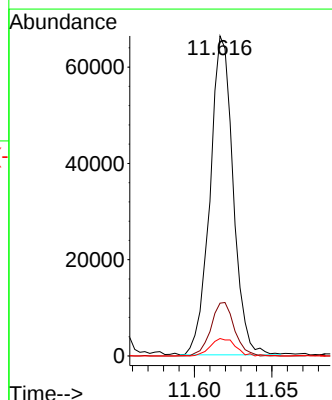
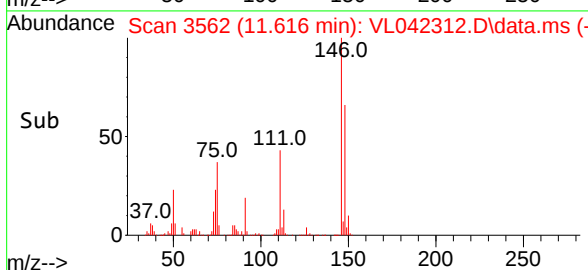
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

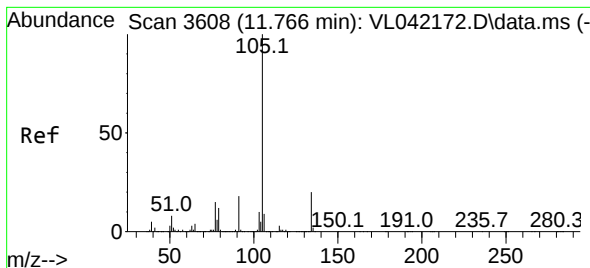


#66
Benzyl Chloride
Concen: 8.201 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



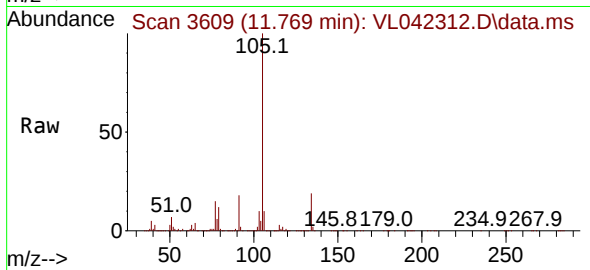
Tgt Ion: 91 Resp: 68675
Ion Ratio Lower Upper
91 100
126 16.9 13.8 20.6
128 6.2 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 11.942 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

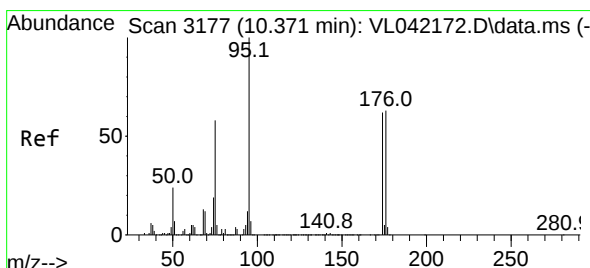
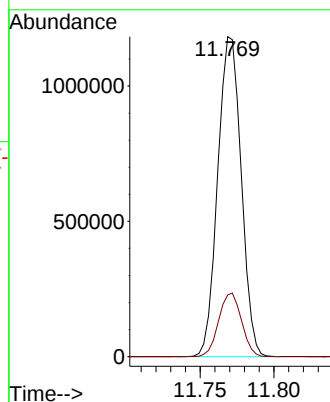
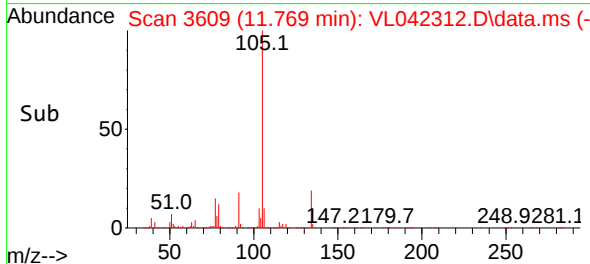
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



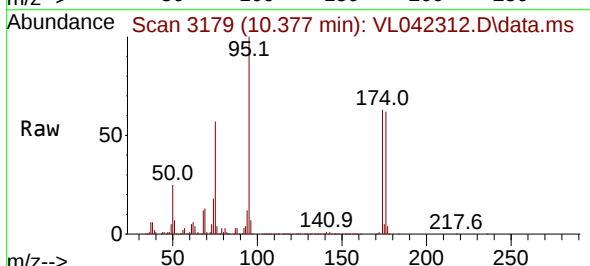
Tgt Ion:105 Resp: 131004
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3

Manual Integrations
 APPROVED

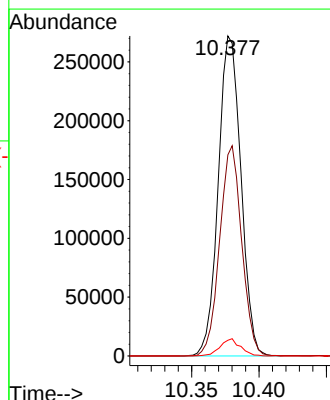
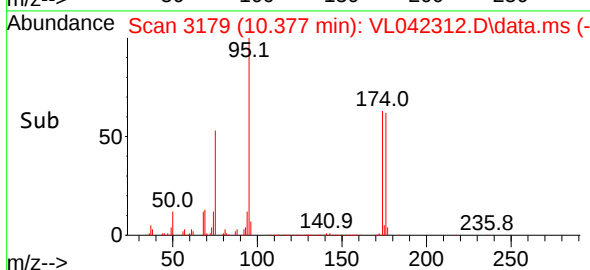
Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

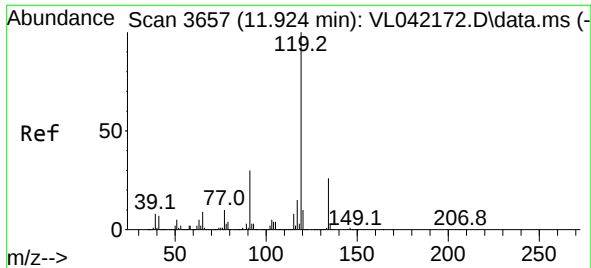


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.655 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.006 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50



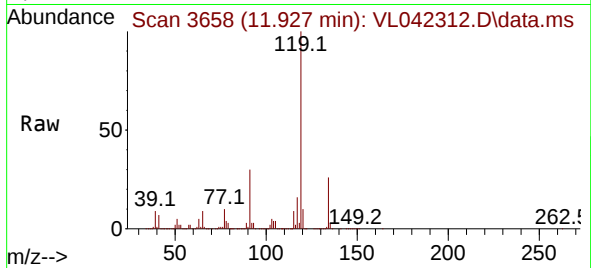
Tgt Ion: 95 Resp: 318204
 Ion Ratio Lower Upper
 95 100
 174 64.0 50.6 76.0
 175 4.9 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.720 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

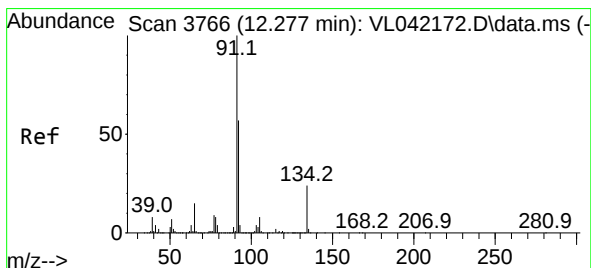
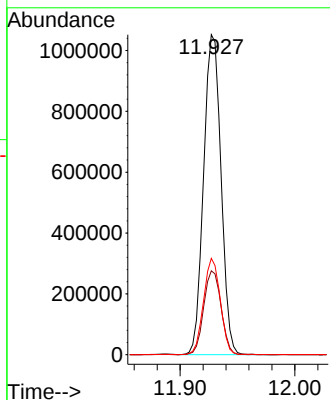
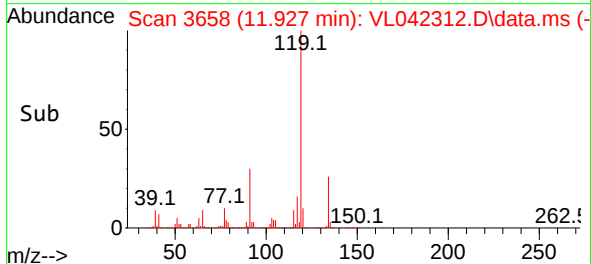
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



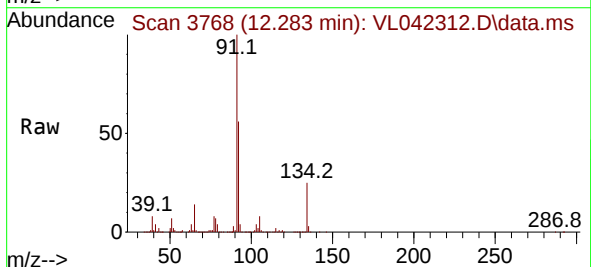
Tgt Ion: 119 Resp: 1107045
Ion Ratio Lower Upper
119 100
134 26.2 20.4 30.6
91 29.0 23.7 35.5

Manual Integrations
APPROVED

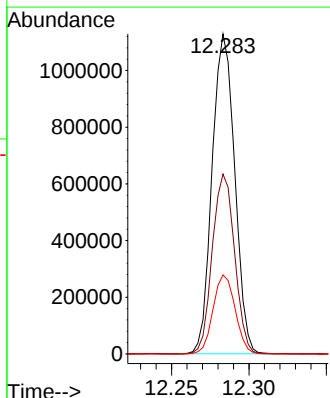
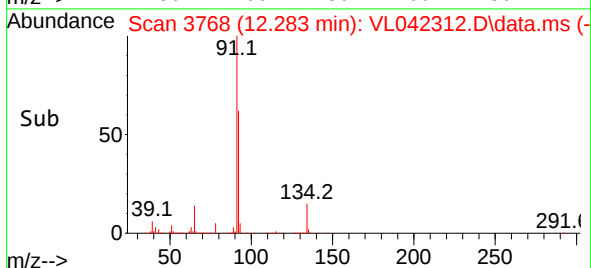
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

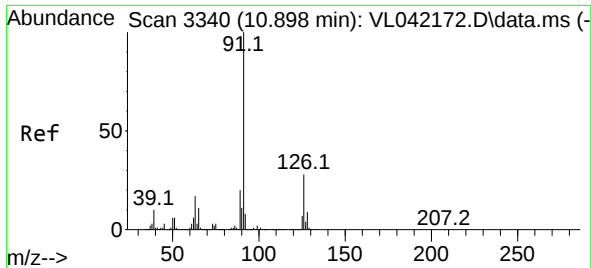


#70
n-Butylbenzene
Concen: 11.848 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



Tgt Ion: 91 Resp: 1144571
Ion Ratio Lower Upper
91 100
92 55.6 44.9 67.3
134 24.2 19.2 28.8





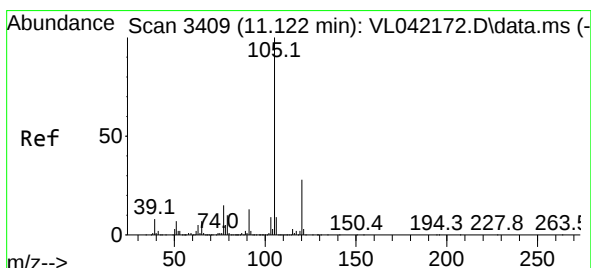
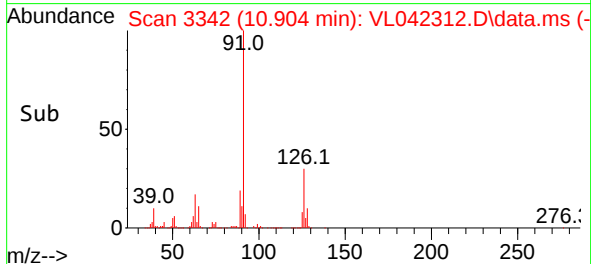
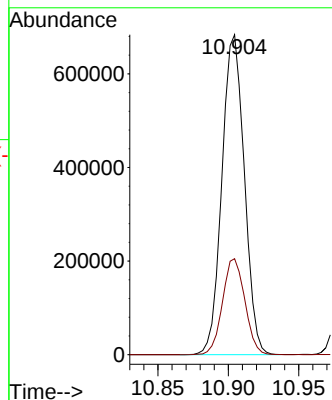
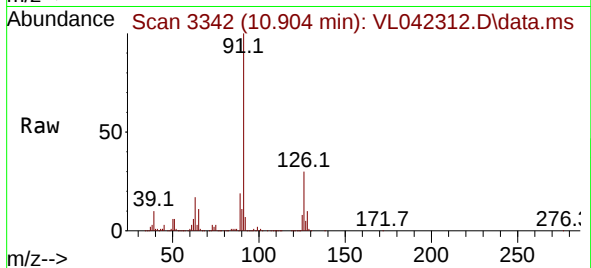
#71
2-Chlorotoluene
Concen: 11.423 ppbv
RT: 10.904 min Scan# 3111
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 756562
Ion Ratio Lower Upper
91 100
126 29.9 11.6 46.4

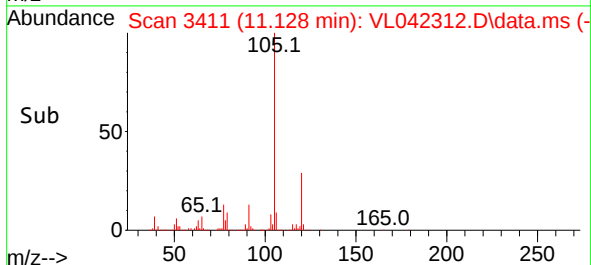
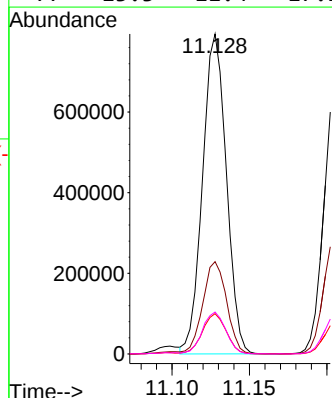
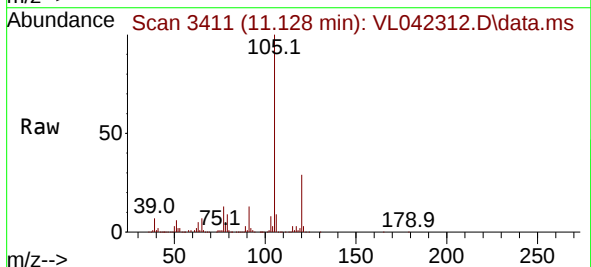
Manual Integrations
APPROVED

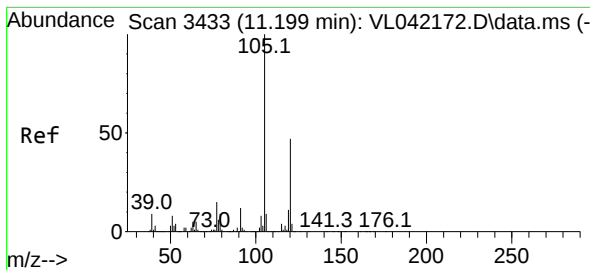
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#72
4-Ethyltoluene
Concen: 11.932 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

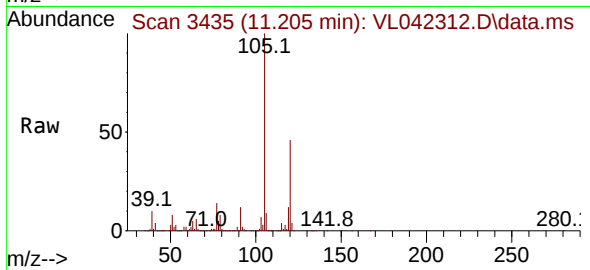
Tgt Ion:105 Resp: 847821
Ion Ratio Lower Upper
105 100
120 29.7 23.4 35.0
91 13.0 10.3 15.5
77 13.3 11.4 17.2





#73
1,3,5-Trimethylbenzene
Concen: 11.762 ppbv
RT: 11.205 min Scan# 3433
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

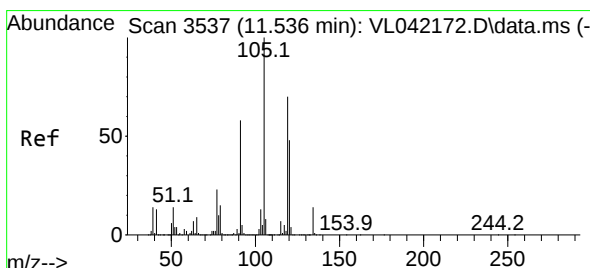
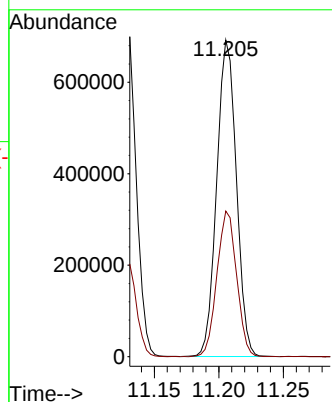
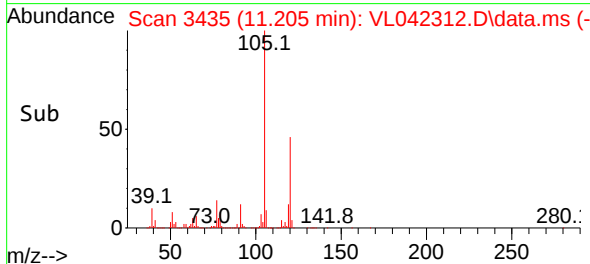
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



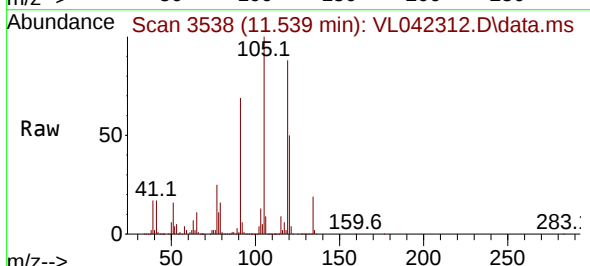
Tgt Ion:105 Resp: 72988
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0

Manual Integrations
APPROVED

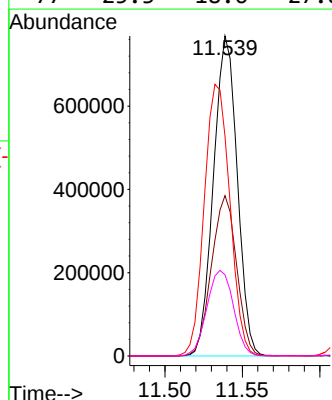
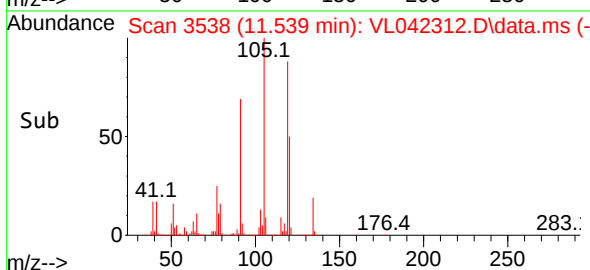
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

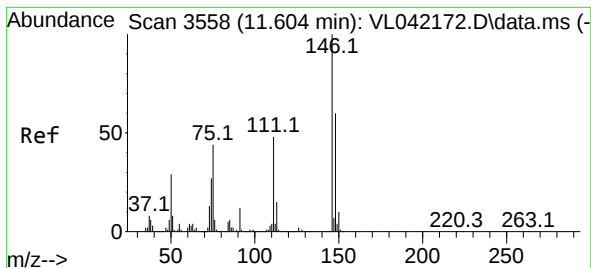


#74
1,2,4-Trimethylbenzene
Concen: 11.463 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



Tgt Ion:105 Resp: 819490
Ion Ratio Lower Upper
105 100
120 50.1 38.6 58.0
91 68.5 46.2 69.2
77 25.3 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 12.562 ppbv

RT: 11.610 min Scan# 3558

Delta R.T. 0.006 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

Instrument :

MSVOA_L

ClientSampleId :

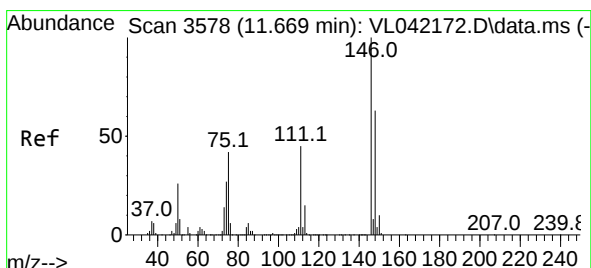
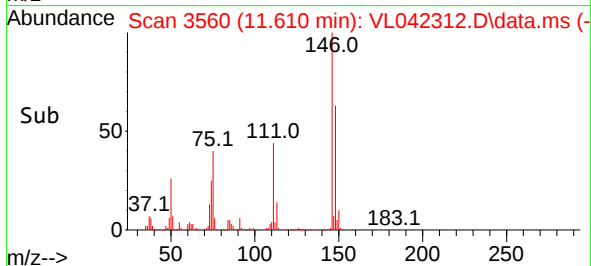
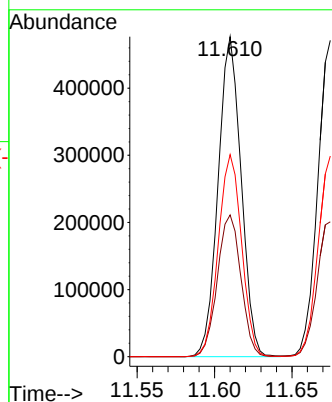
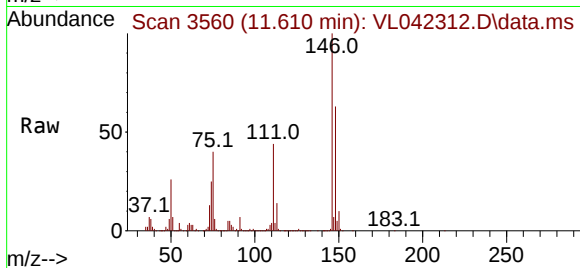
VSTDCCC010

Tgt Ion:	146	Resp:	492549
Ion Ratio	Lower	Upper	
146	100		
111	45.5	23.8	71.2
148	64.0	31.9	95.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#76

1,4-Dichlorobenzene

Concen: 12.522 ppbv

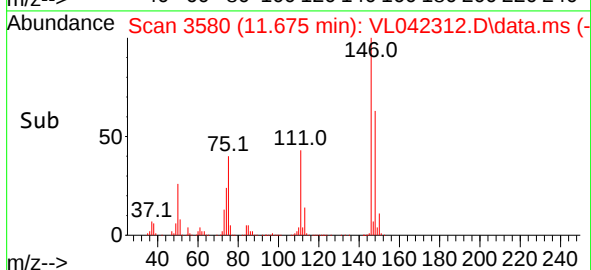
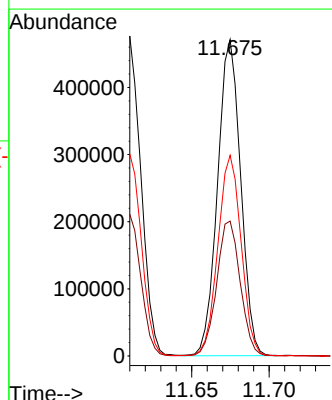
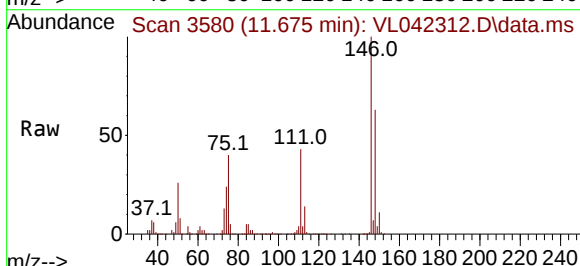
RT: 11.675 min Scan# 3580

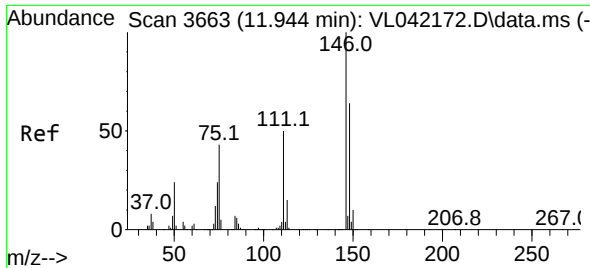
Delta R.T. 0.006 min

Lab File: VL042312.D

Acq: 11 Apr 2025 09:50

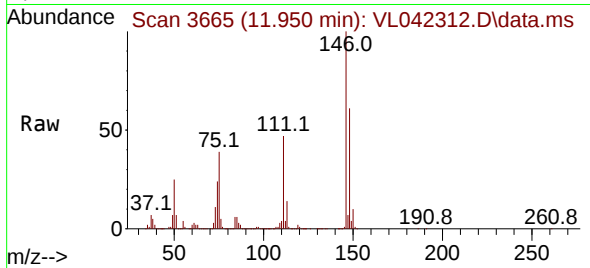
Tgt Ion:	146	Resp:	488636
Ion Ratio	Lower	Upper	
146	100		
111	43.7	23.0	69.0
148	64.0	31.9	95.7





#77
1,2-Dichlorobenzene
Concen: 12.959 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

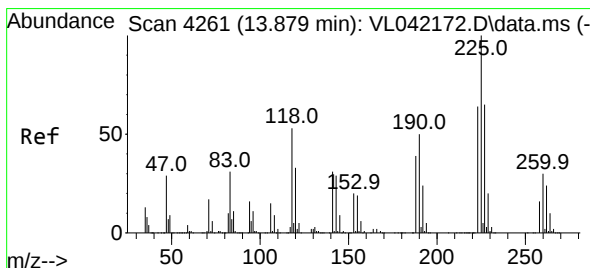
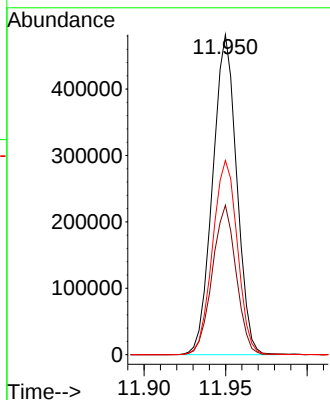
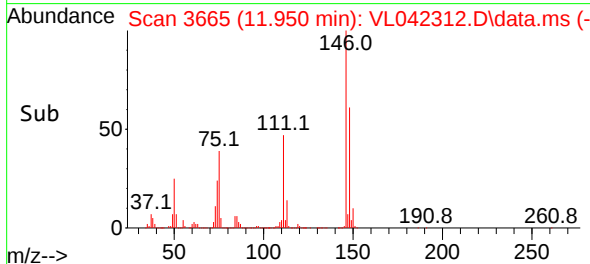
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



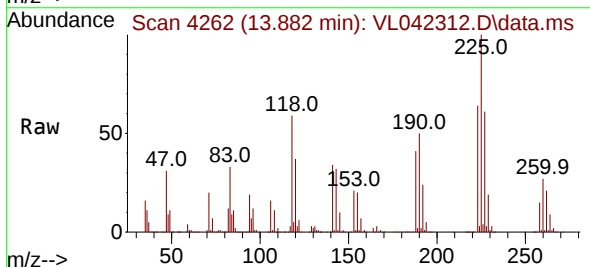
Tgt Ion:146 Resp: 494739
Ion Ratio Lower Upper
146 100
111 46.4 24.8 74.3
148 62.7 31.6 94.8

Manual Integrations
APPROVED

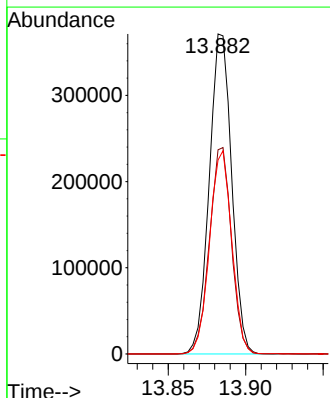
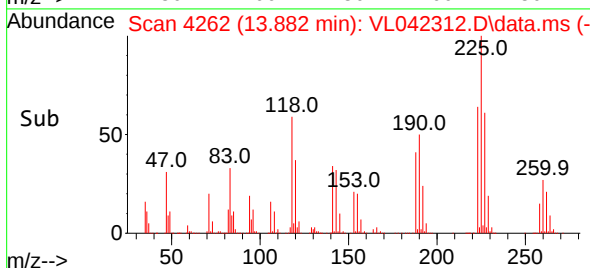
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

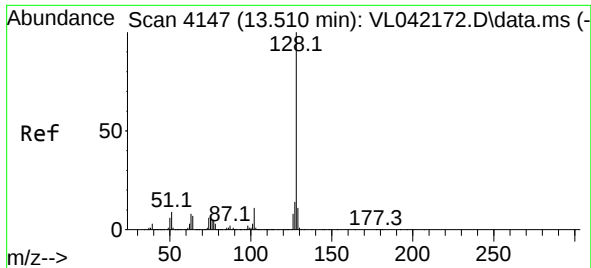


#78
Hexachloro-1,3-Butadiene
Concen: 9.599 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



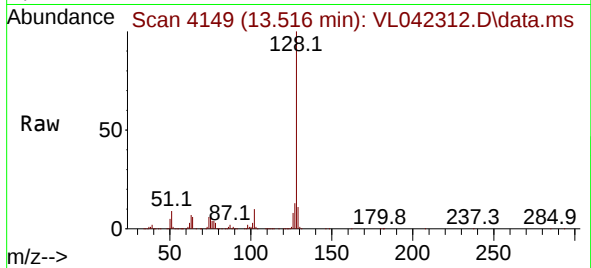
Tgt Ion:225 Resp: 373025
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 62.8 51.2 76.8





#79
Naphthalene
Concen: 10.550 ppbv
RT: 13.516 min Scan# 4147
Delta R.T. 0.006 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50

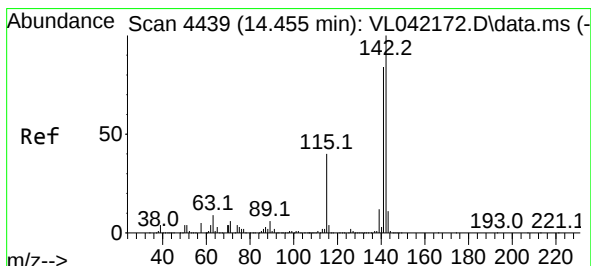
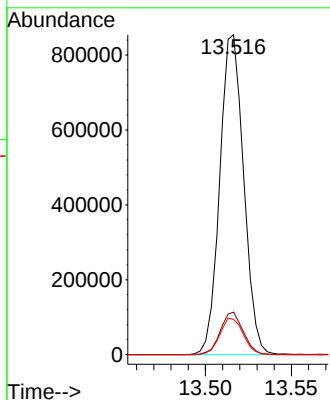
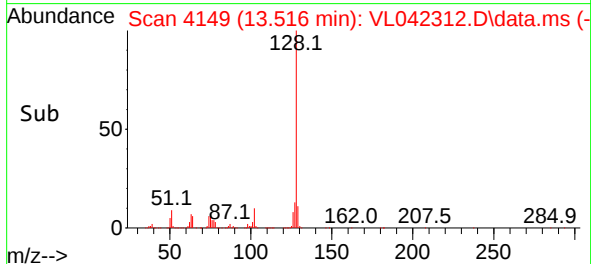
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



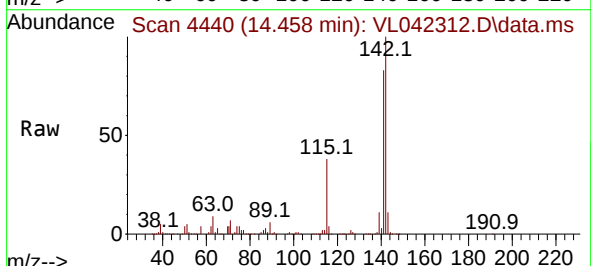
Tgt Ion:128 Resp: 82494
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.1 9.0 13.4

Manual Integrations
APPROVED

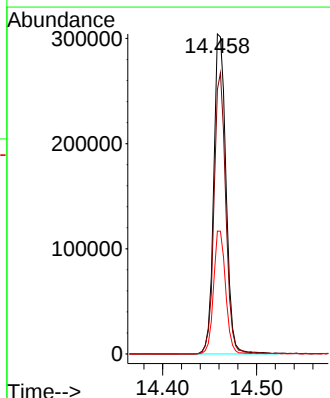
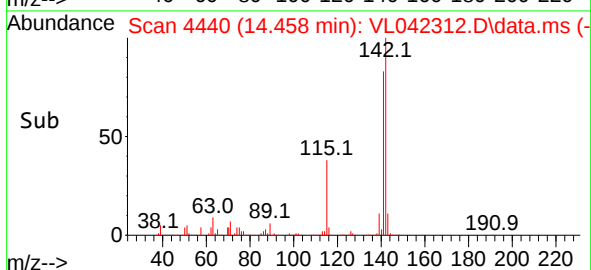
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

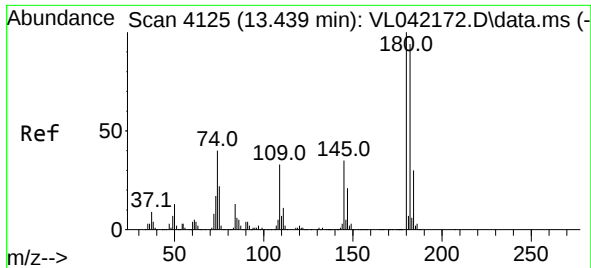


#80
Naphthalene,2-methyl-
Concen: 7.212 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VL042312.D
Acq: 11 Apr 2025 09:50



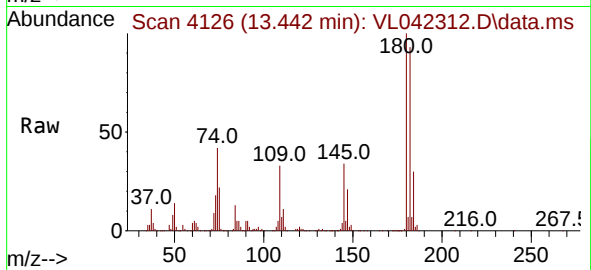
Tgt Ion:142 Resp: 276556
Ion Ratio Lower Upper
142 100
141 84.7 66.3 99.5
115 38.0 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.389 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042312.D
 Acq: 11 Apr 2025 09:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 374714
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.1 112.7
 184 30.8 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

