

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042383.D
 Acq On : 18 Apr 2025 10:23
 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 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 22:55:20 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	135964	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	427541	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	379215	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.370	95	309235	9.924	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	227548	9.472	ppbv	95
3) Chlorodifluoromethane	1.473	51	195422	8.543	ppbv	96
4) Chloromethane	1.531	50	84884	8.929	ppbv	96
5) Vinyl Chloride	1.576	62	82816	8.003	ppbv	97
6) Bromomethane	1.664	94	39633	8.916	ppbv	90
7) Chloroethane	1.703	64	33067	8.836	ppbv	96
8) Dichlorotetrafluoroethane	1.551	85	193310	9.373	ppbv	98
9) Propene	1.483	41	79602	7.641	ppbv	98
10) Heptane	4.968	43	211969	7.242	ppbv	97
11) Trichlorofluoromethane	1.874	101	220733	9.663	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.136	101	171052	9.158	ppbv	96
13) Ethanol	1.719	45	4291	2.592	ppbv	96
14) Bromoethene	1.777	108	66481	9.442	ppbv	99
15) Acetone	1.832	43	172096	7.732	ppbv	100
16) 1,3-Butadiene	1.606	39	84576	7.945	ppbv	96
17) tert-Butyl alcohol	2.036	59	230418	8.353	ppbv	100
18) 1,1-Dichloroethene	2.030	96	79587	9.121	ppbv	96
19) Isopropyl Alcohol	1.884	45	101483	8.208	ppbv	93
20) Methylene Chloride	2.059	84	65868	7.556	ppbv	96
21) Allyl Chloride	2.091	41	126980	8.263	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	88798	8.938	ppbv	98
23) Vinyl Acetate	2.457	43	64135	7.119	ppbv #	98
24) 1,1-Dichloroethane	2.405	63	173462	9.191	ppbv	99
25) Ethyl Acetate	2.832	43	441499	8.045	ppbv	100
26) Hexane	2.819	57	177427	7.989	ppbv	95
27) Carbon Disulfide	2.146	76	209681	8.818	ppbv	98
28) Methyl tert-Butyl Ether	2.437	73	122464	8.416	ppbv	92
29) Chloroform	2.842	83	296747	9.453	ppbv	96
30) Cyclohexane	3.849	84	155716	8.673	ppbv	94
31) cis-1,2-Dichloroethene	2.716	61	190037	9.000	ppbv	98
32) 1,1,1-Trichloroethane	3.363	97	321462	9.097	ppbv	99
34) 2-Butanone	2.554	43	249113	7.367	ppbv	98
35) Carbon Tetrachloride	3.755	117	336452	8.695	ppbv	97
36) Benzene	3.648	78	361650	7.842	ppbv	97
37) 1,2-Dichloroethane	3.214	62	239079	8.638	ppbv	98
38) Trichloroethene	4.541	130	160521	7.964	ppbv	96
39) 1,2-Dichloropropane	4.305	63	128161	7.458	ppbv	95
40) 1,4-Dioxane	4.574	88	65746	6.962	ppbv #	92
41) Tetrahydrofuran	3.049	42	137694	6.984	ppbv	97
42) Bromodichloromethane	4.483	83	332490	8.632	ppbv	99
43) Methyl Methacrylate	4.871	69	147517	7.098	ppbv	99
44) 2,2,4-Trimethylpentane	4.629	57	587274	7.374	ppbv	98
45) t-1,3-Dichloropropene	6.402	75	164658	7.756	ppbv	95

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 Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 22:55:20 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

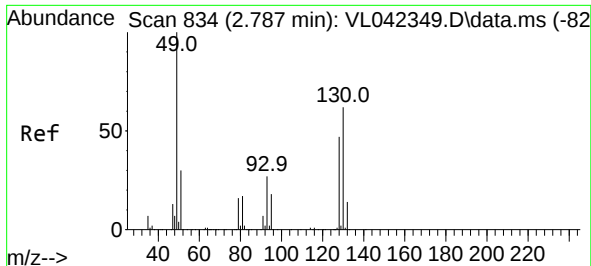
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

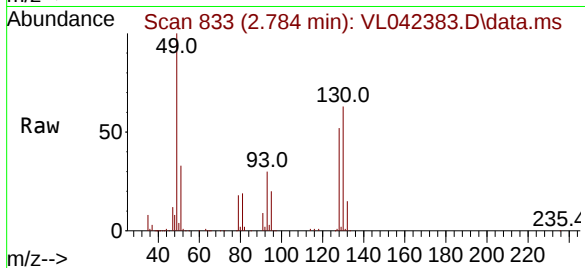
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	200823	7.729	ppbv	92
47) 1,1,2-Trichloroethane	6.571	97	143547	8.199	ppbv	94
48) Dibromochloromethane	7.380	129	276258	8.931	ppbv	99
49) Bromoform	9.477	173	245731	9.086	ppbv	98
50) 4-Methyl-2-Pentanone	5.742	43	365292	6.501	ppbv	99
51) 2-Hexanone	7.428	43	296019	5.874	ppbv #	98
52) Tetrachloroethene	8.218	164	138295	7.759	ppbv	96
53) Toluene	6.927	91	436388	7.886	ppbv	99
54) 1,2-Dibromoethane	7.645	107	209152	8.347	ppbv	90
56) 1,1,1,2-Tetrachloroethane	8.917	131	207437	9.038	ppbv	99
57) Chlorobenzene	8.917	112	339932	8.619	ppbv	95
58) Ethyl Benzene	9.351	91	620425	8.258	ppbv	99
59) m/p-Xylene	9.545	91	1012385m	16.726	ppbv	
60) o-Xylene	9.959	91	505258	8.290	ppbv	100
61) Styrene	9.865	104	240108	8.253	ppbv	99
62) Isopropylbenzene	10.535	105	753628	8.422	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	297020	7.520	ppbv	98
64) n-propylbenzene	10.985	120	191951	8.534	ppbv	91
65) tert-Butylbenzene	11.529	119	688133	8.367	ppbv	93
66) Benzyl Chloride	11.610	91	60227	6.664	ppbv	96
67) sec-Butylbenzene	11.762	105	948966	8.295	ppbv	98
69) p-Isopropyltoluene	11.924	119	826443	8.315	ppbv	100
70) n-Butylbenzene	12.277	91	832220	8.039	ppbv	99
71) 2-Chlorotoluene	10.898	91	582951	8.306	ppbv	100
72) 4-Ethyltoluene	11.121	105	615202	8.256	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	540783	8.220	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	598825	7.794	ppbv	98
75) 1,3-Dichlorobenzene	11.604	146	345226	8.644	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	340293	8.477	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	339821	8.751	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	355324	9.061	ppbv	99
79) Naphthalene	13.510	128	724361	7.884	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	396207	7.566	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	344709	8.737	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

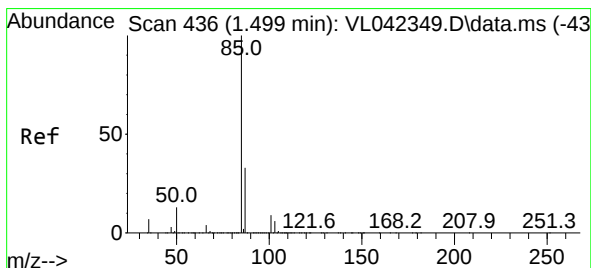
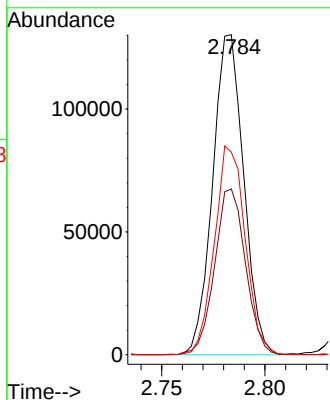
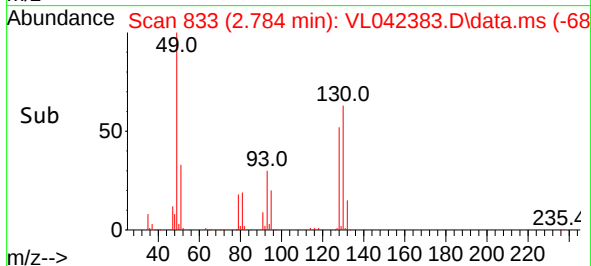
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



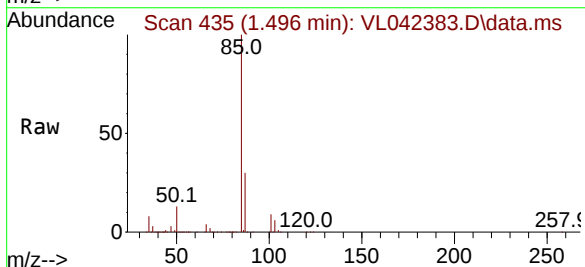
Tgt Ion: 49 Resp: 135964
Ion Ratio Lower Upper
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128 51.7 22.8 68.4
130 64.8 29.3 88.0

Manual Integrations
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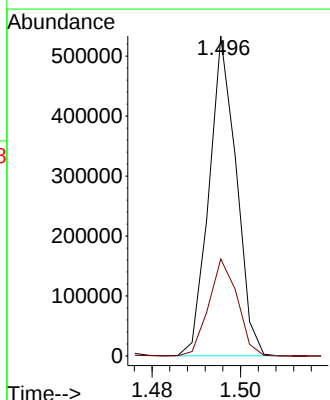
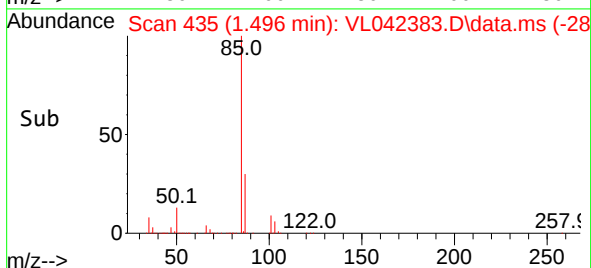
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

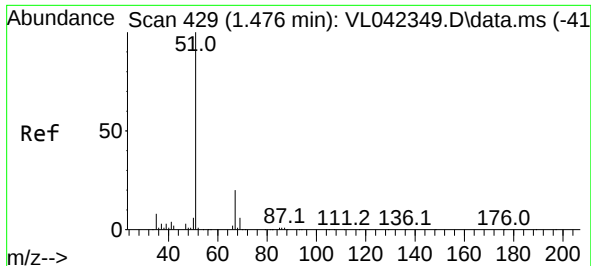


#2
Dichlorodifluoromethane
Concen: 9.472 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



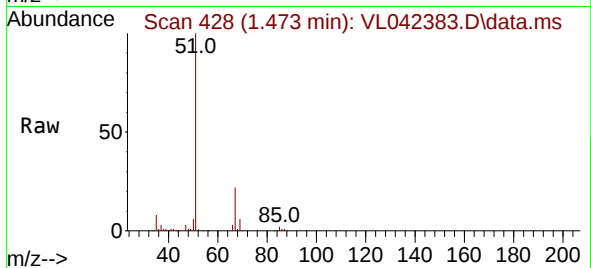
Tgt Ion: 85 Resp: 227548
Ion Ratio Lower Upper
85 100
87 30.3 26.6 39.8





#3
Chlorodifluoromethane
Concen: 8.543 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

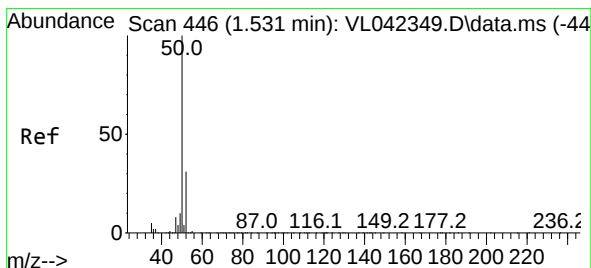
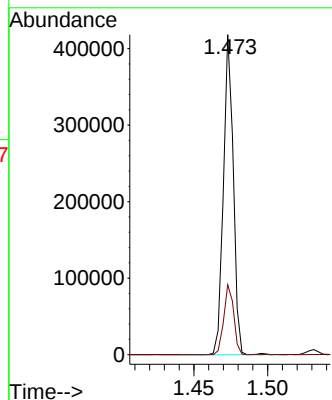
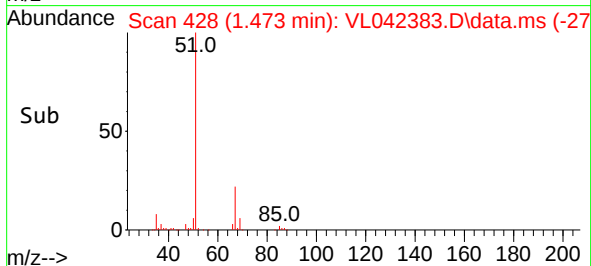
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 19542
Ion Ratio Lower Upper
51 100
67 22.1 16.2 24.4

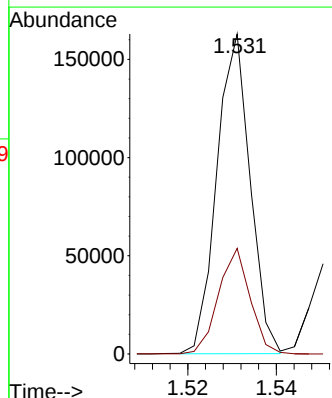
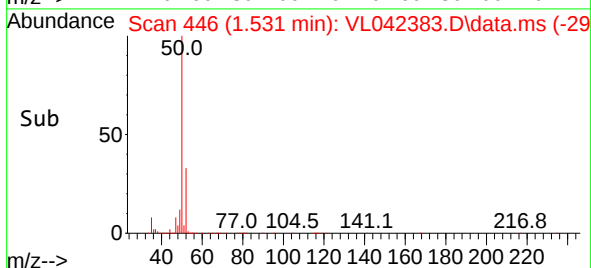
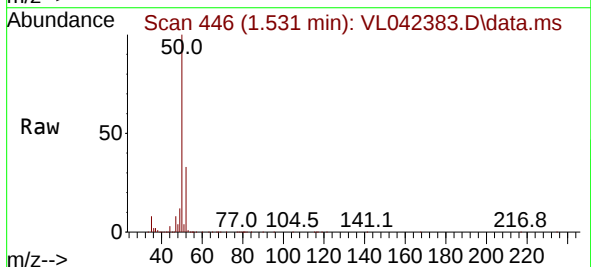
Manual Integrations
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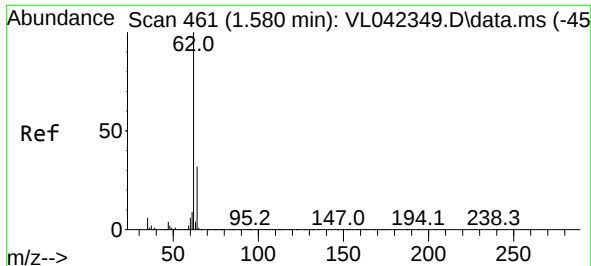
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#4
Chloromethane
Concen: 8.929 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Tgt Ion: 50 Resp: 84884
Ion Ratio Lower Upper
50 100
52 33.0 24.7 37.1





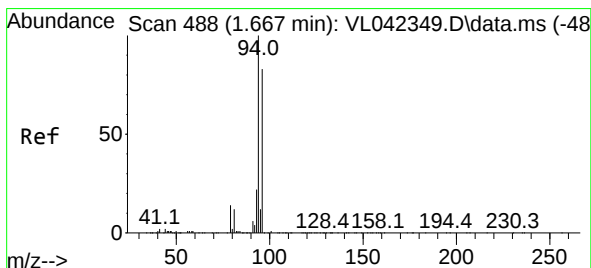
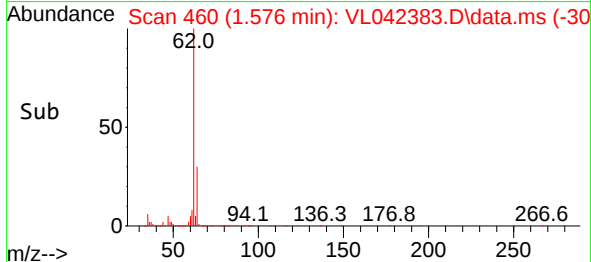
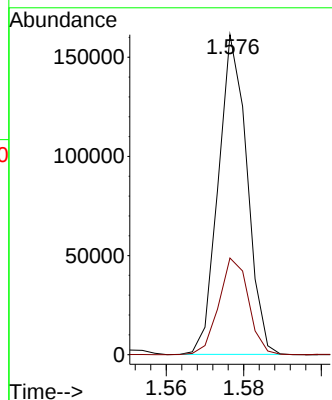
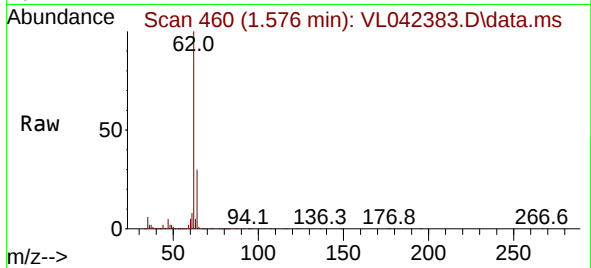
#5
 Vinyl Chloride
 Concen: 8.003 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 82810
 Ion Ratio Lower Upper
 62 100
 64 30.2 25.4 38.0

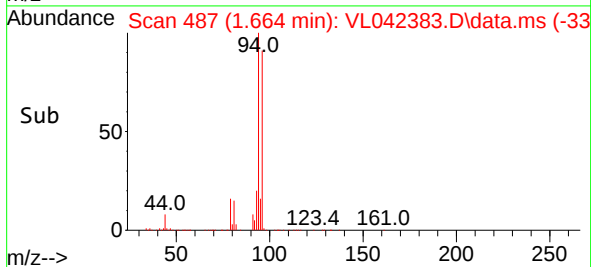
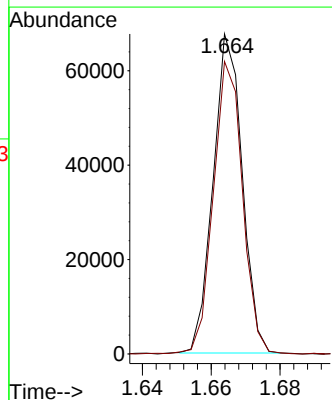
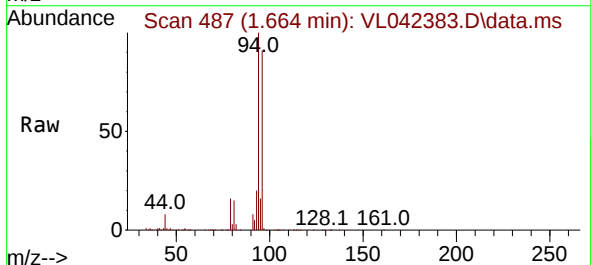
Manual Integrations
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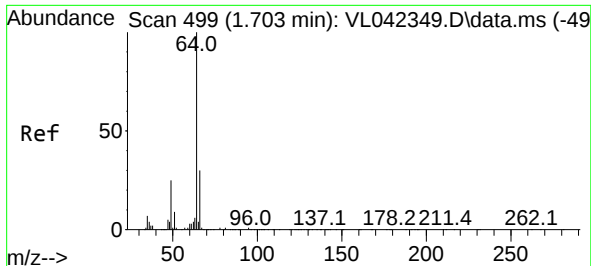
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#6
 Bromomethane
 Concen: 8.916 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

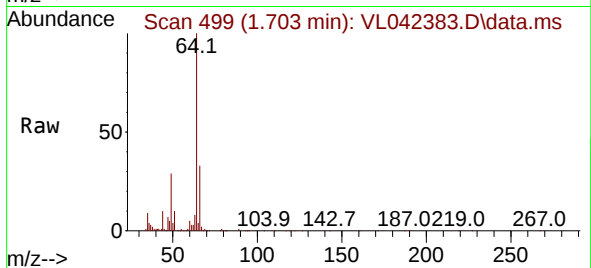
Tgt Ion: 94 Resp: 39633
 Ion Ratio Lower Upper
 94 100
 96 91.3 66.2 99.2





#7
Chloroethane
Concen: 8.836 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

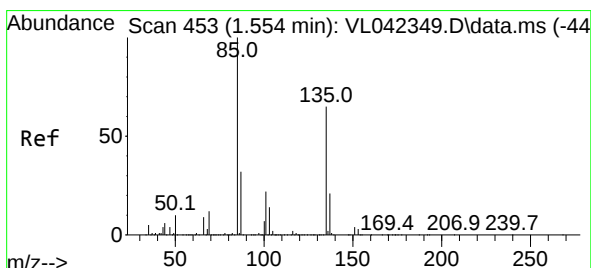
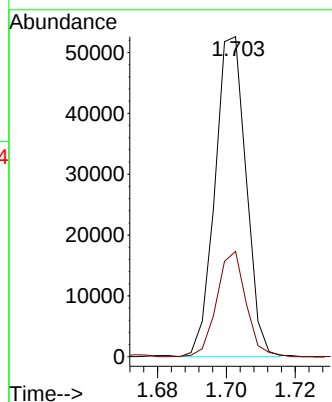
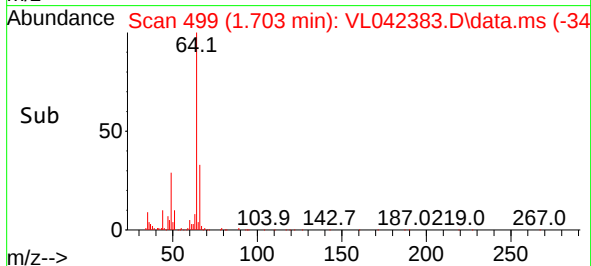
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 3306
Ion Ratio Lower Upper
64 100
66 32.9 24.6 37.0

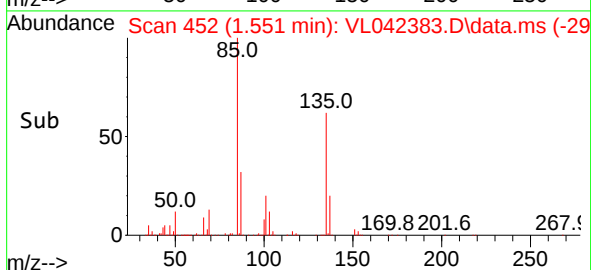
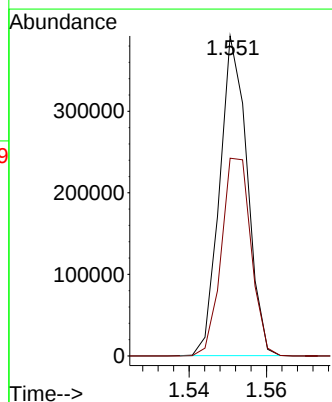
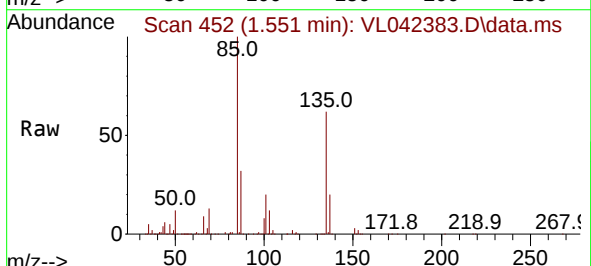
Manual Integrations
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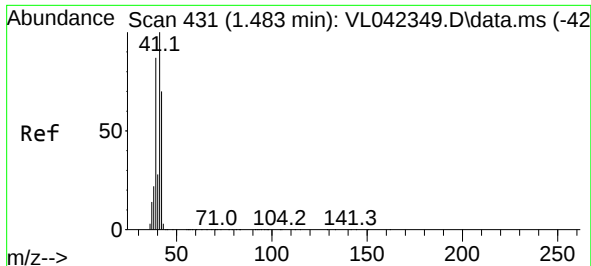
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#8
Dichlorotetrafluoroethane
Concen: 9.373 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

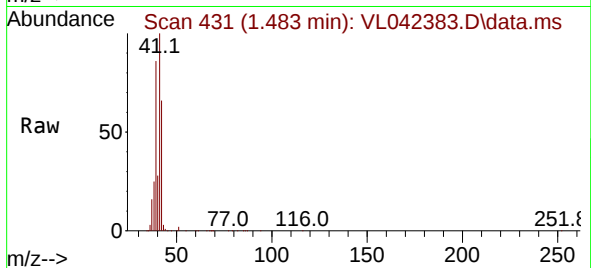
Tgt Ion: 85 Resp: 193310
Ion Ratio Lower Upper
85 100
135 67.2 52.2 78.2





#9
 Propene
 Concen: 7.641 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

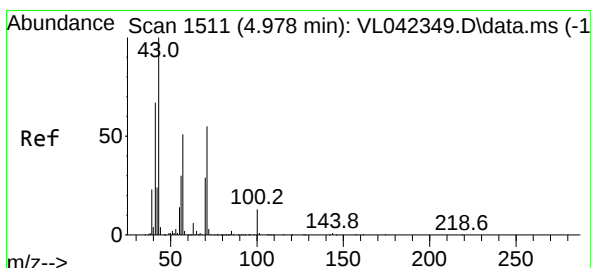
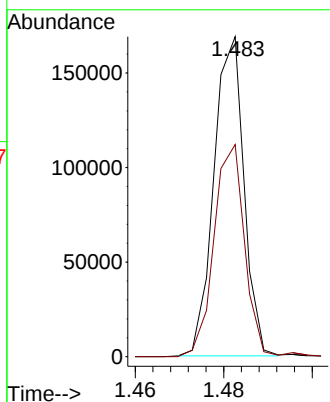
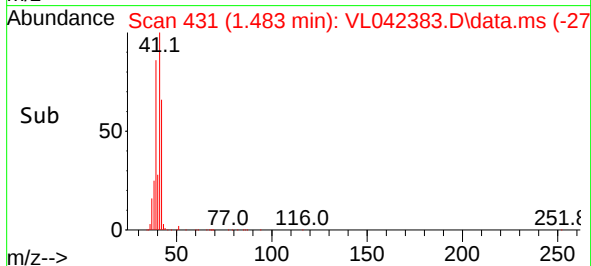
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



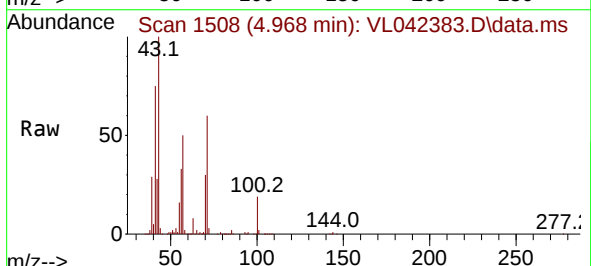
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 Ion Ratio Lower Upper
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 42 68.6 56.2 84.4

Manual Integrations
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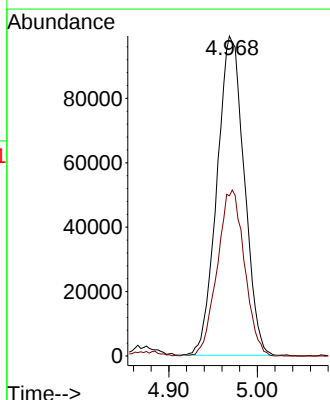
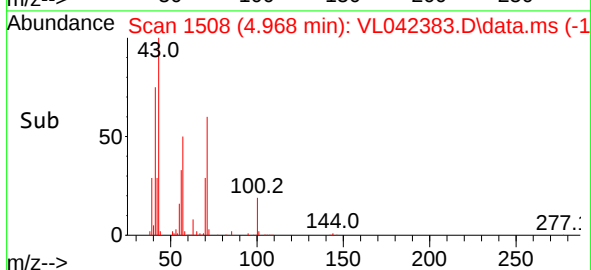
Reviewed By :Semsettin Yesilyurt 04/21/2025
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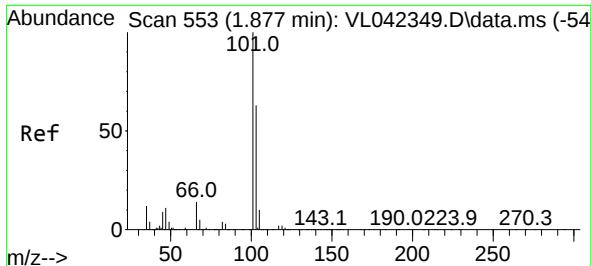


#10
 Heptane
 Concen: 7.242 ppbv
 RT: 4.968 min Scan# 1508
 Delta R.T. -0.010 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23



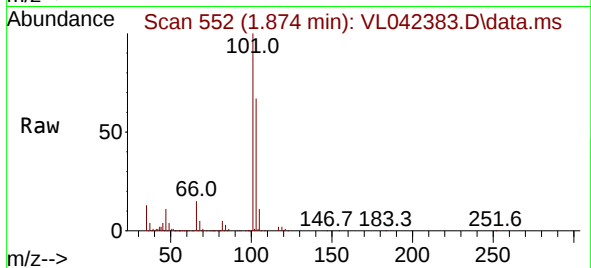
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 Ion Ratio Lower Upper
 43 100
 57 52.0 39.9 59.9





#11
 Trichlorofluoromethane
 Concen: 9.663 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

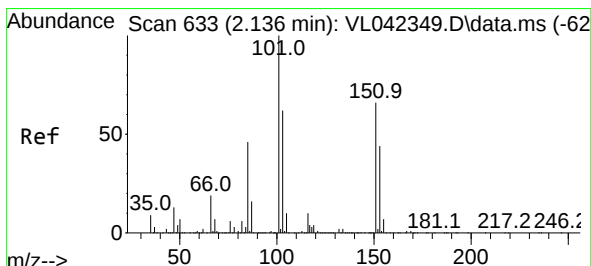
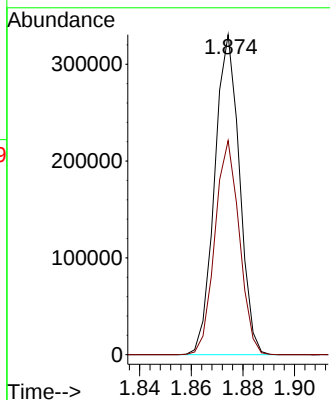
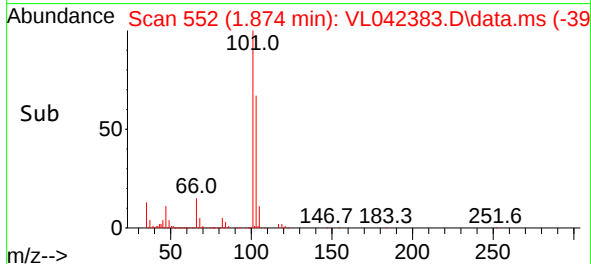
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



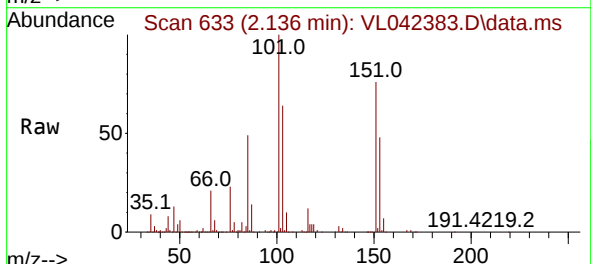
Tgt Ion:101 Resp: 220733
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.1 75.1

Manual Integrations
 APPROVED

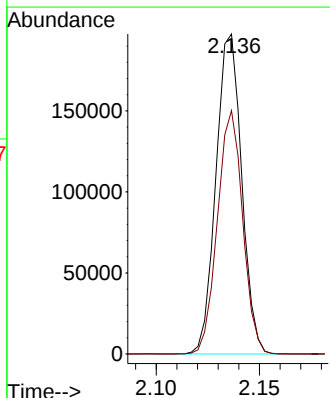
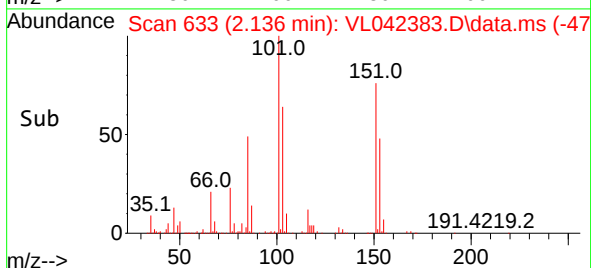
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

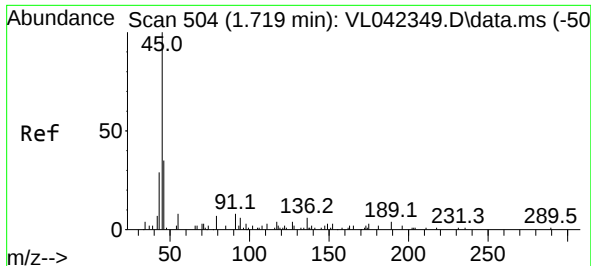


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.158 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23



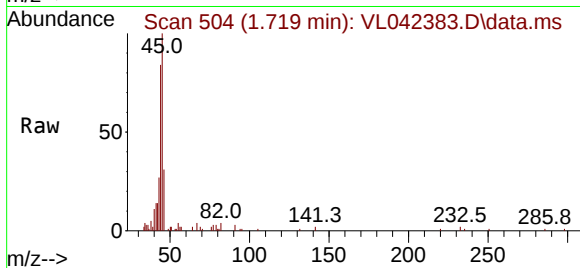
Tgt Ion:101 Resp: 171052
 Ion Ratio Lower Upper
 101 100
 151 74.6 57.0 85.6





#13
Ethanol
Concen: 2.592 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

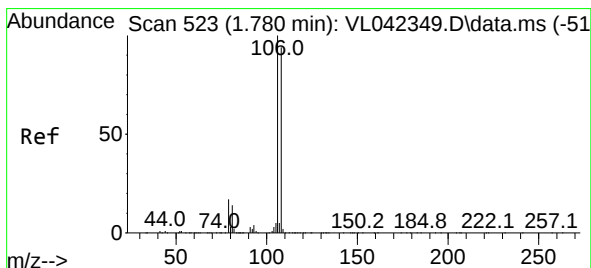
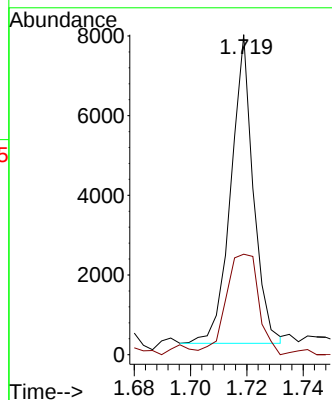
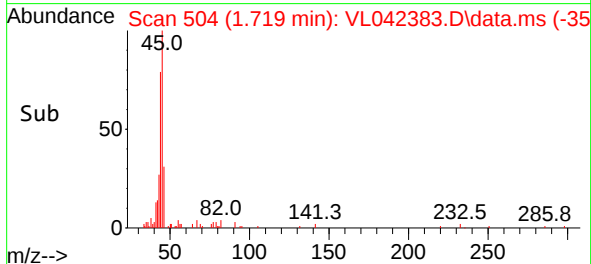
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 429
Ion Ratio Lower Upper
45 100
46 51.9 21.9 87.7

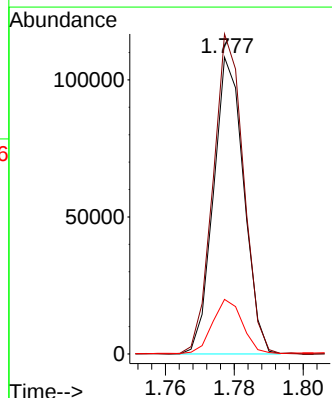
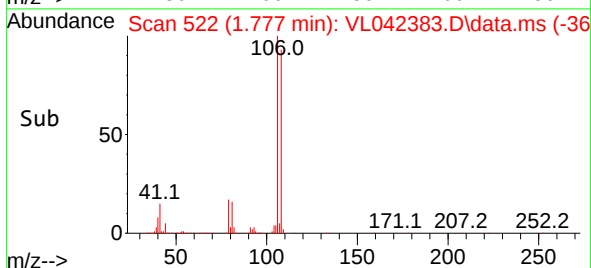
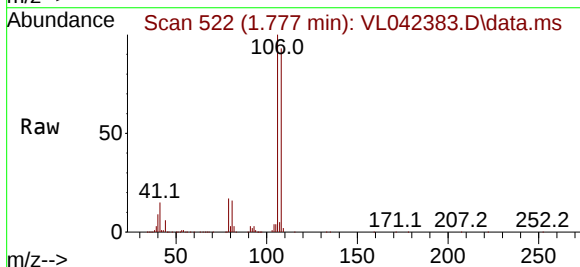
Manual Integrations
APPROVED

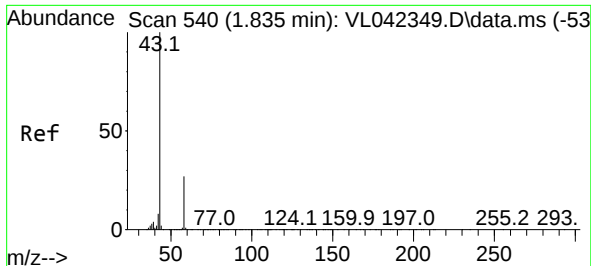
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#14
Bromoethene
Concen: 9.442 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

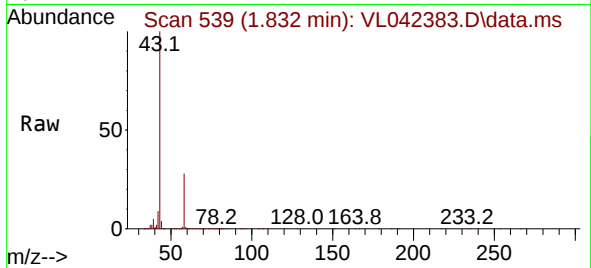
Tgt Ion:108 Resp: 66481
Ion Ratio Lower Upper
108 100
106 108.2 85.9 128.9
79 19.6 13.9 20.9





#15
Acetone
Concen: 7.732 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

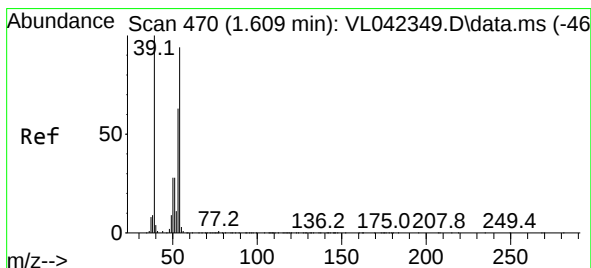
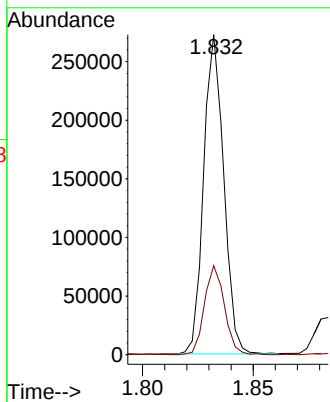
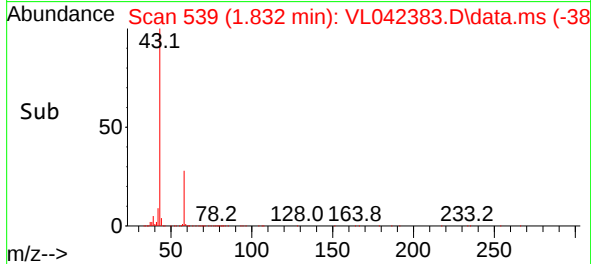
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



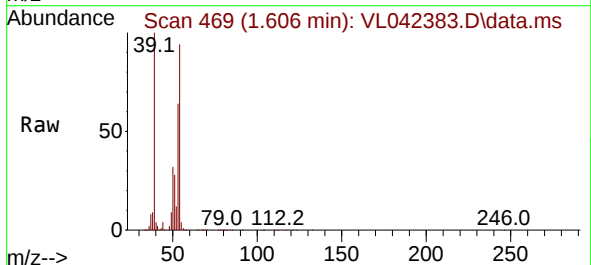
Tgt Ion: 43 Resp: 172090
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6

Manual Integrations
APPROVED

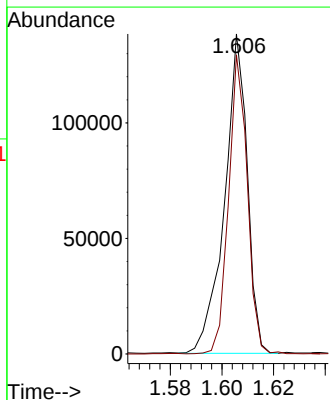
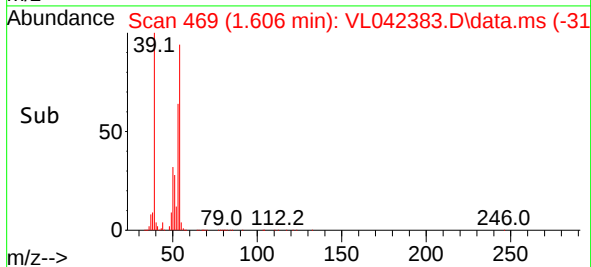
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

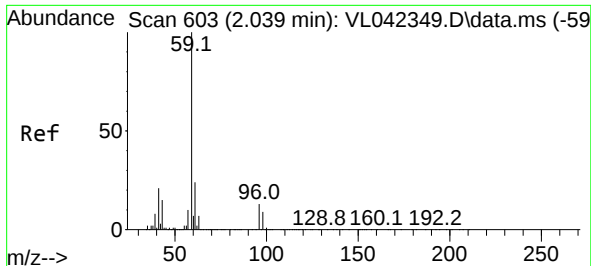


#16
1,3-Butadiene
Concen: 7.945 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



Tgt Ion: 39 Resp: 84576
Ion Ratio Lower Upper
39 100
54 77.5 64.9 97.3





#17

tert-Butyl alcohol

Concen: 8.353 ppbv

RT: 2.036 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 230418

Ion Ratio Lower Upper

59 100

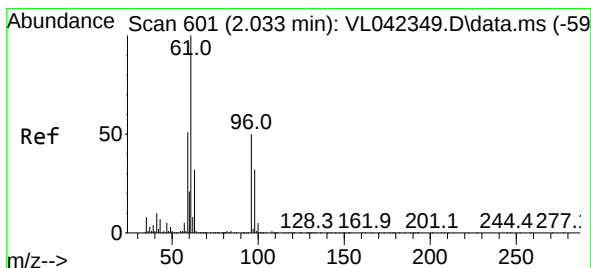
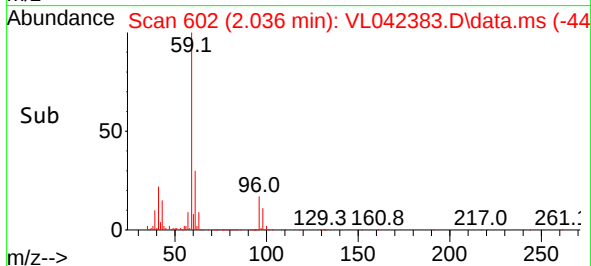
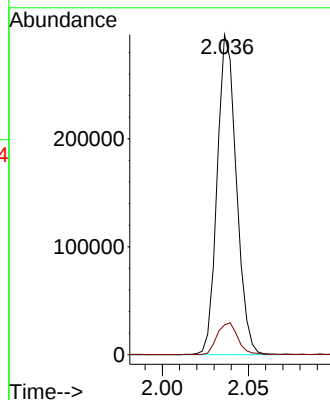
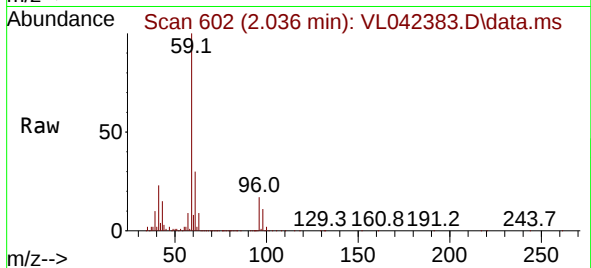
57 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#18

1,1-Dichloroethene

Concen: 9.121 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.003 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

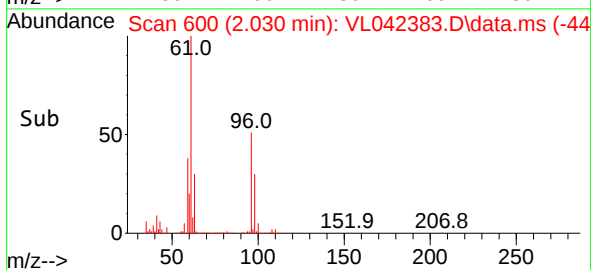
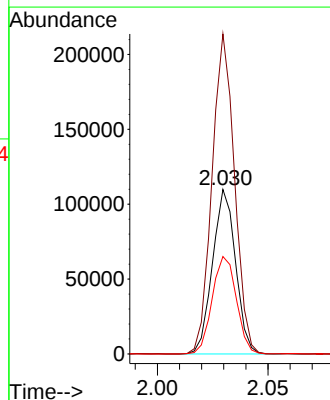
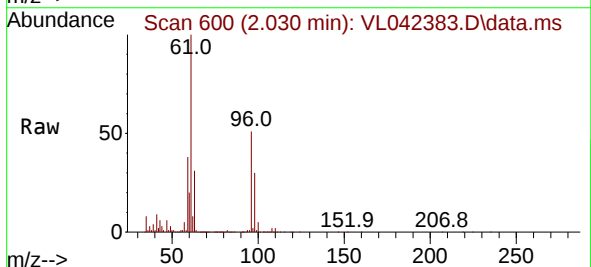
Tgt Ion: 96 Resp: 79587

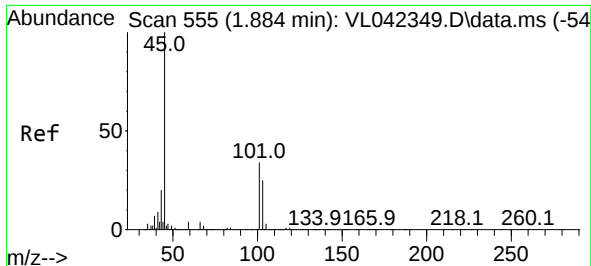
Ion Ratio Lower Upper

96 100

61 194.6 160.2 240.2

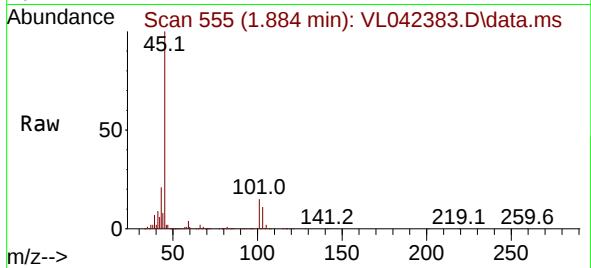
98 59.2 51.0 76.4





#19
Isopropyl Alcohol
Concen: 8.208 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

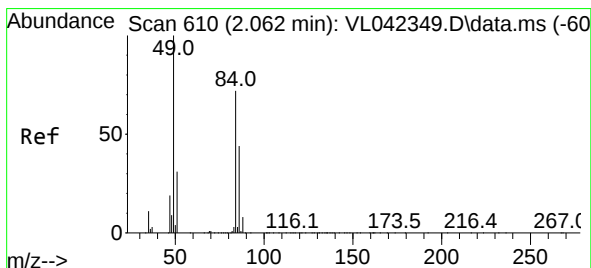
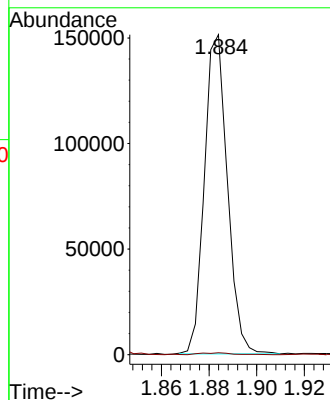
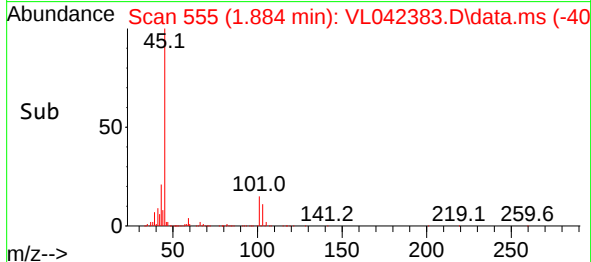
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



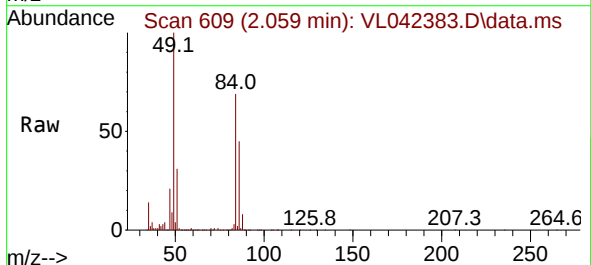
Tgt Ion: 45 Resp: 101483
Ion Ratio Lower Upper
45 100
58 47.5 34.5 51.7

Manual Integrations
APPROVED

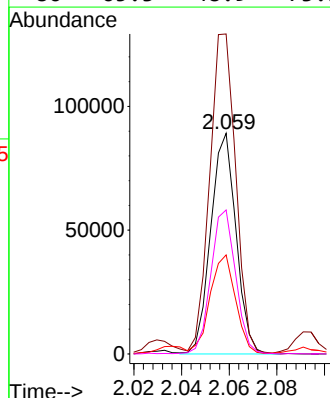
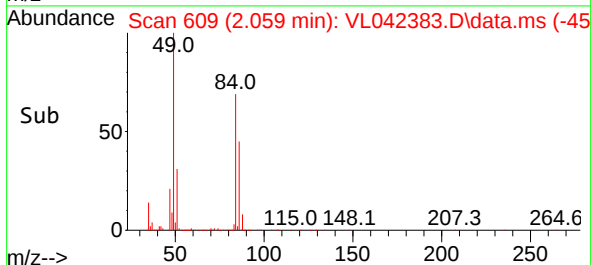
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

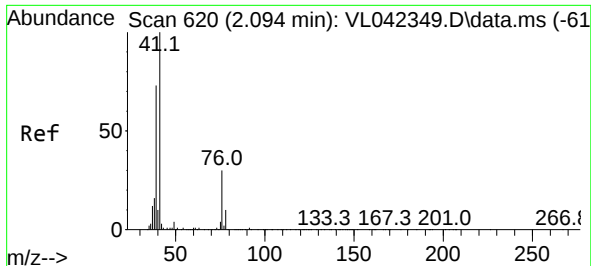


#20
Methylene Chloride
Concen: 7.556 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



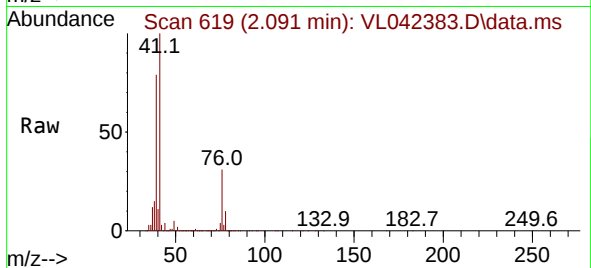
Tgt Ion: 84 Resp: 65868
Ion Ratio Lower Upper
84 100
49 143.9 111.6 167.4
51 44.2 35.1 52.7
86 65.3 48.9 73.3





#21
 Allyl Chloride
 Concen: 8.263 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

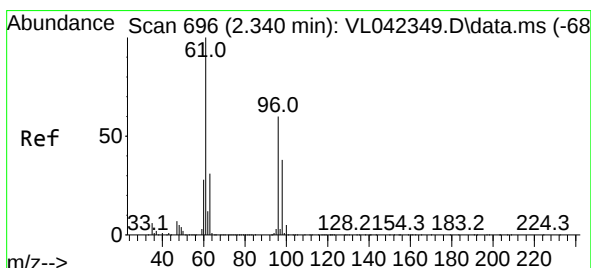
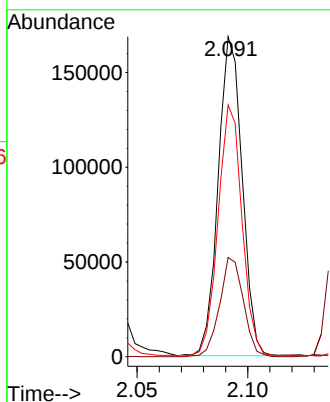
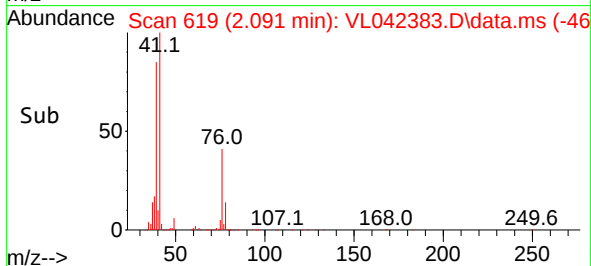
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 126980
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.8 37.2
 39 78.2 60.6 90.8

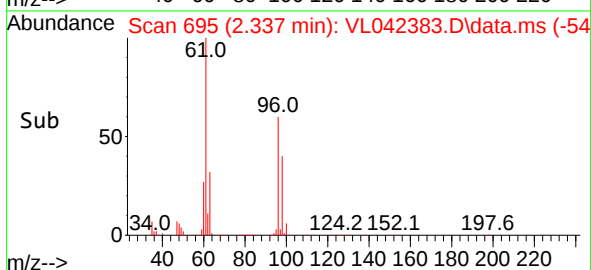
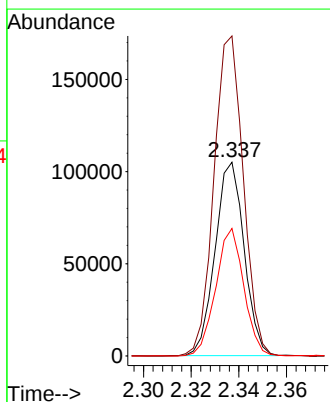
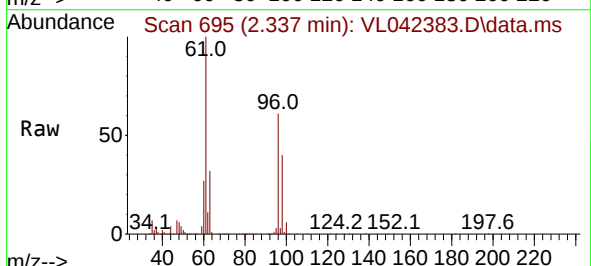
Manual Integrations
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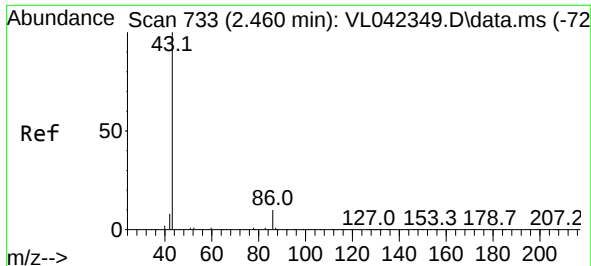
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.938 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

Tgt Ion: 96 Resp: 88798
 Ion Ratio Lower Upper
 96 100
 61 165.4 133.7 200.5
 98 65.9 50.3 75.5





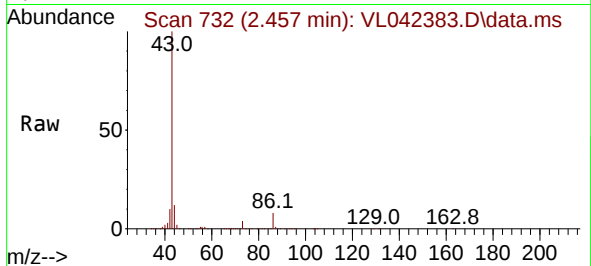
#23
 Vinyl Acetate
 Concen: 7.119 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

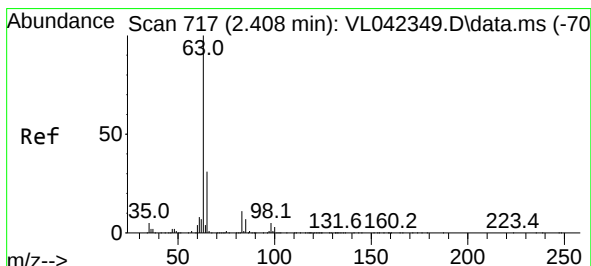
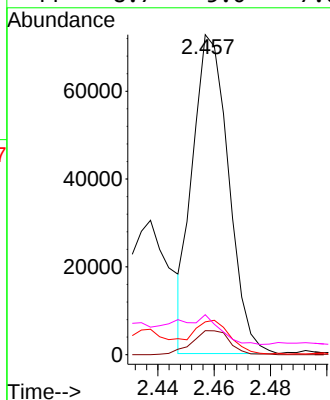
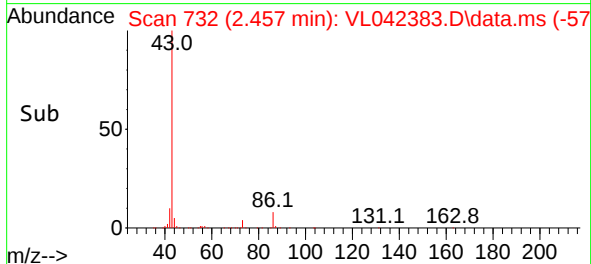


Tgt Ion: 43 Resp: 64135
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.5 9.7
 42 9.8 7.8 11.8
 44 8.7 5.0 7.6#

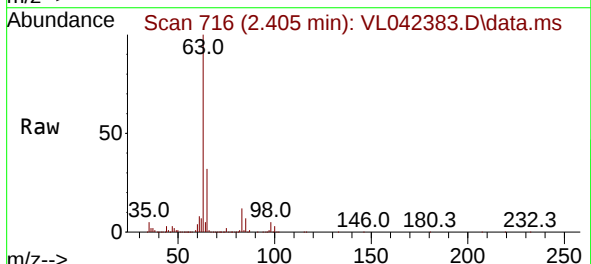
Manual Integrations

APPROVED

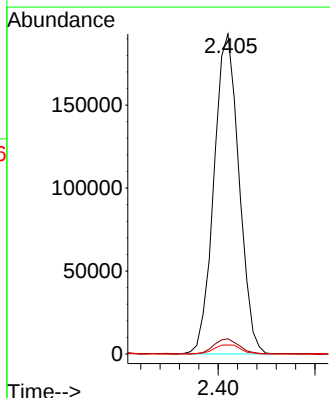
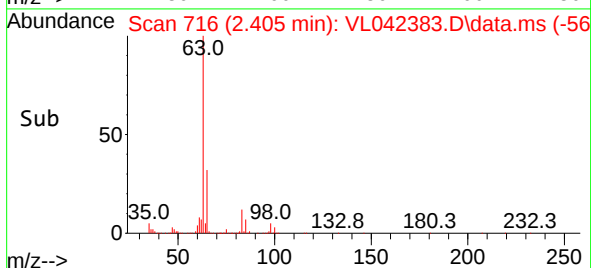
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

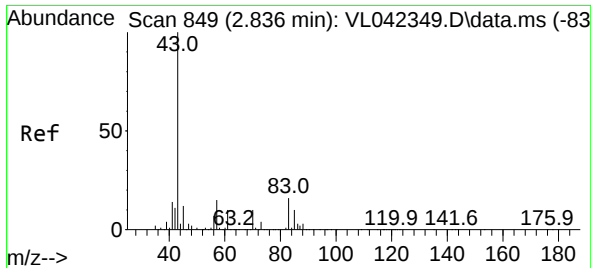


#24
 1,1-Dichloroethane
 Concen: 9.191 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23



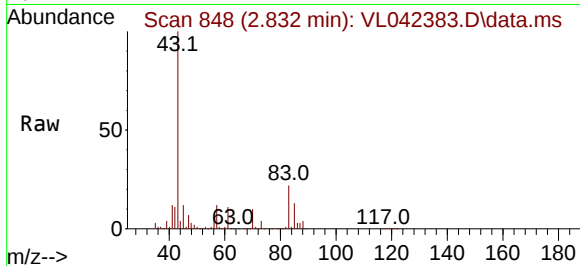
Tgt Ion: 63 Resp: 173462
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.3 6.8
 100 2.8 1.6 4.8





#25
Ethyl Acetate
Concen: 8.045 ppbv
RT: 2.832 min Scan# 844
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

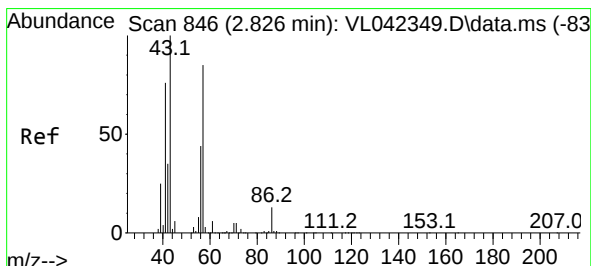
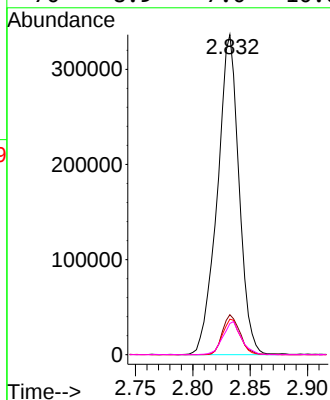
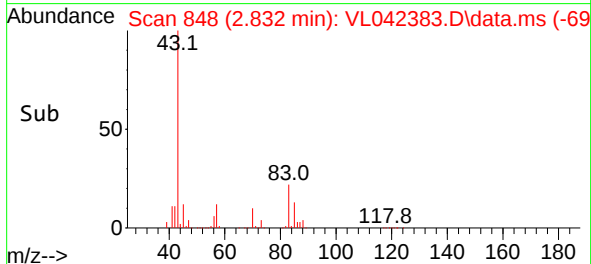
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 441499
Ion Ratio Lower Upper
43 100
45 10.2 8.3 12.5
61 9.0 7.3 10.9
70 8.9 7.0 10.6

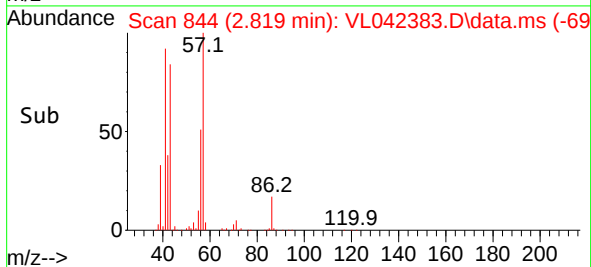
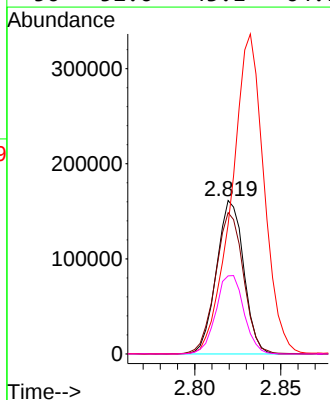
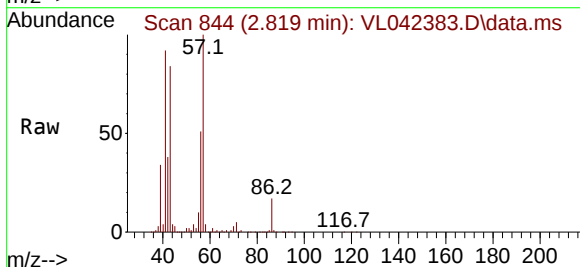
Manual Integrations
APPROVED

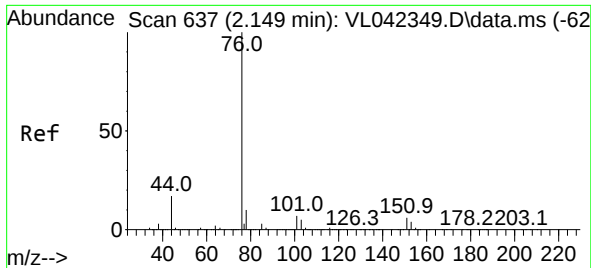
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#26
Hexane
Concen: 7.989 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

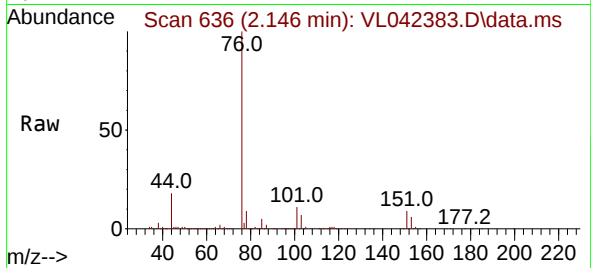
Tgt Ion: 57 Resp: 177427
Ion Ratio Lower Upper
57 100
41 95.1 77.9 116.9
43 249.3 208.4 312.6
56 52.6 43.1 64.7





#27
Carbon Disulfide
Concen: 8.818 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

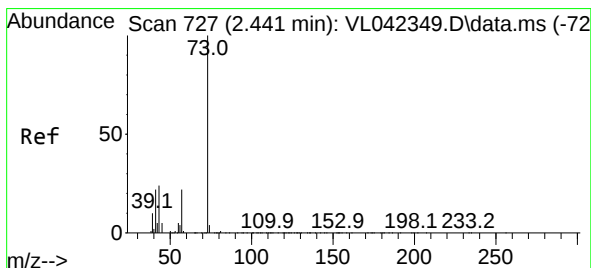
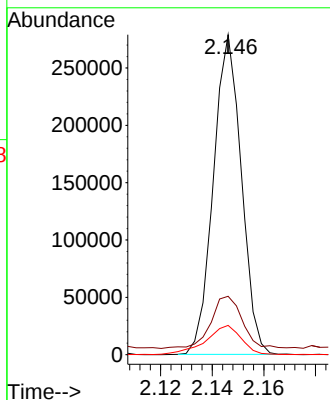
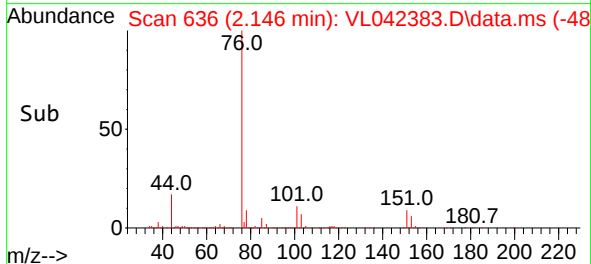
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



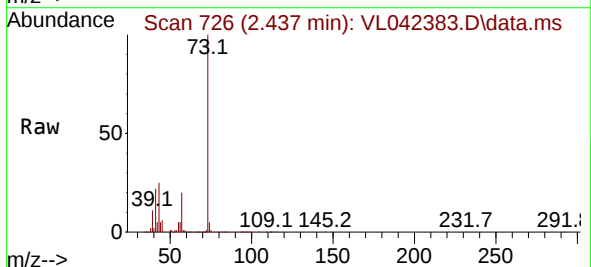
Tgt Ion: 76 Resp: 20968
Ion Ratio Lower Upper
76 100
44 17.8 15.5 23.3
78 11.8 9.3 13.9

Manual Integrations
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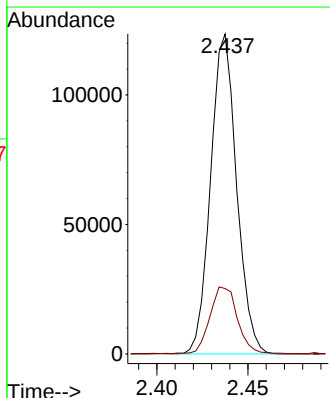
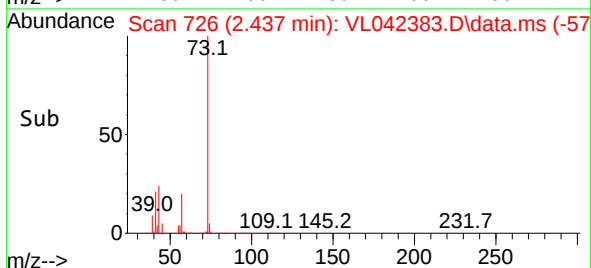
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

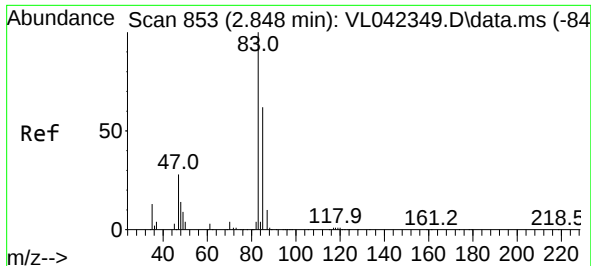


#28
Methyl tert-Butyl Ether
Concen: 8.416 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



Tgt Ion: 73 Resp: 122464
Ion Ratio Lower Upper
73 100
57 22.3 21.3 31.9





#29

Chloroform

Concen: 9.453 ppbv

RT: 2.842 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 29674

Ion Ratio Lower Upper

83 100

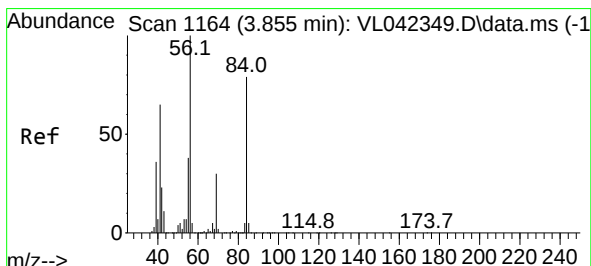
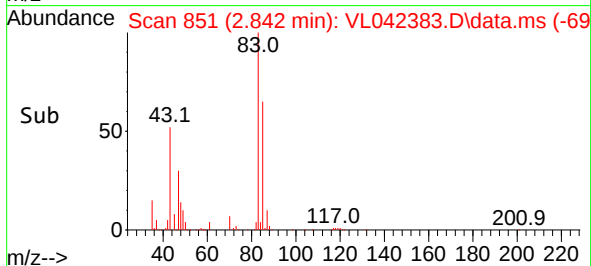
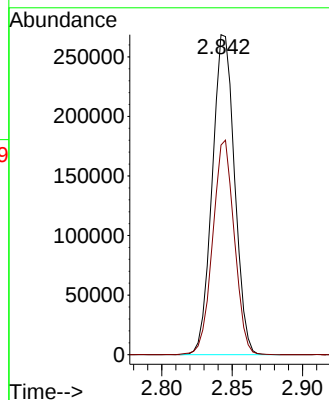
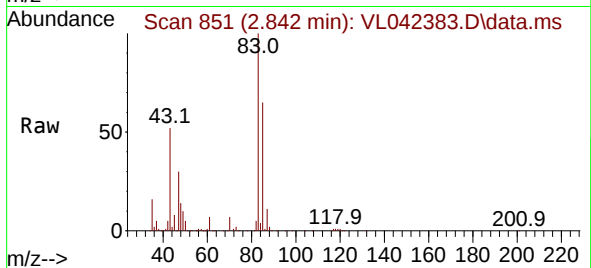
85 65.5 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#30

Cyclohexane

Concen: 8.673 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.006 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

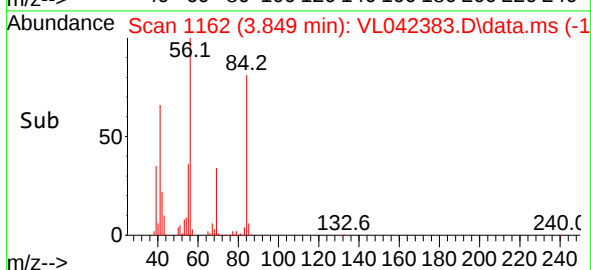
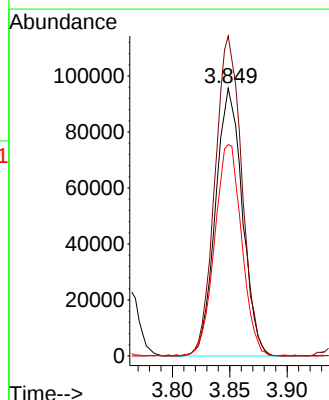
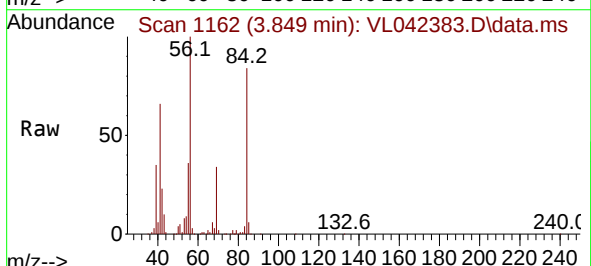
Tgt Ion: 84 Resp: 155716

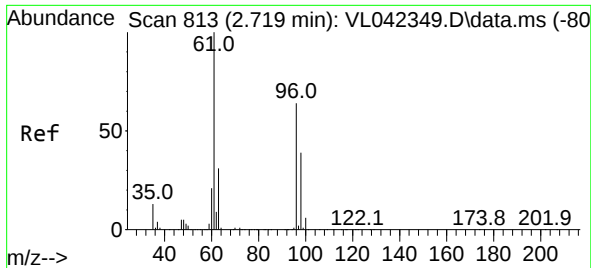
Ion Ratio Lower Upper

84 100

56 118.9 101.0 151.4

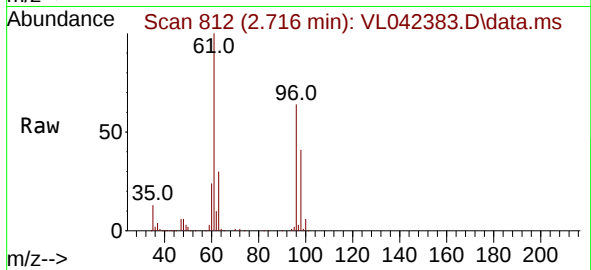
41 79.9 67.4 101.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.000 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

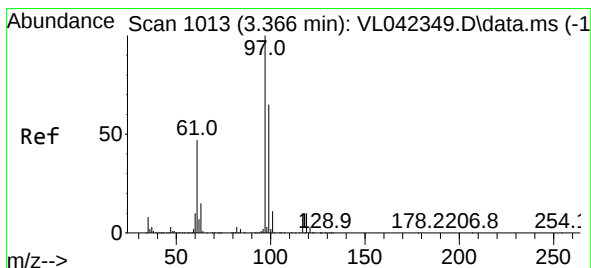
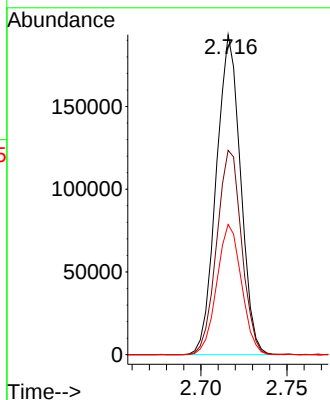
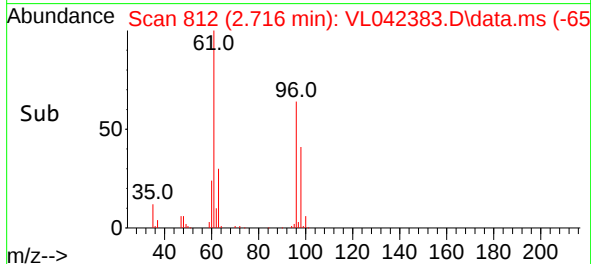
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



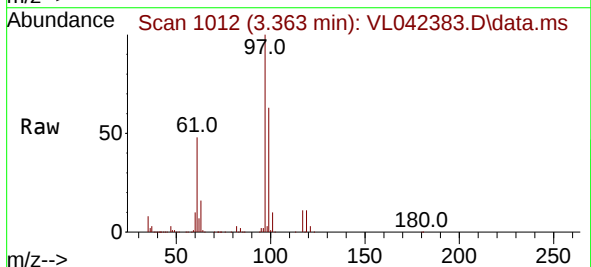
Tgt Ion: 61 Resp: 19003
 Ion Ratio Lower Upper
 61 100
 96 63.8 50.8 76.2
 98 40.7 30.9 46.3

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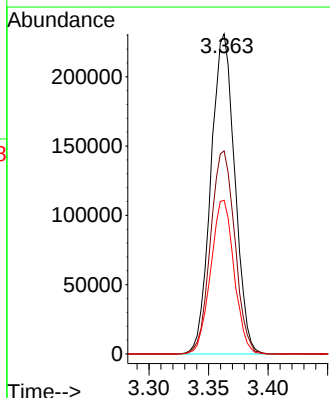
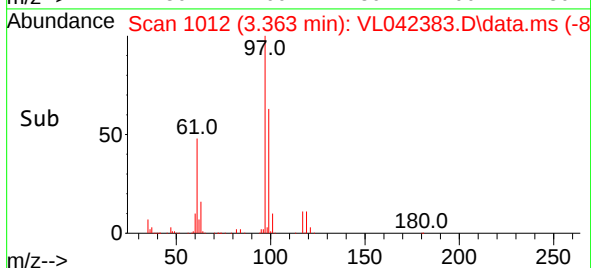
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

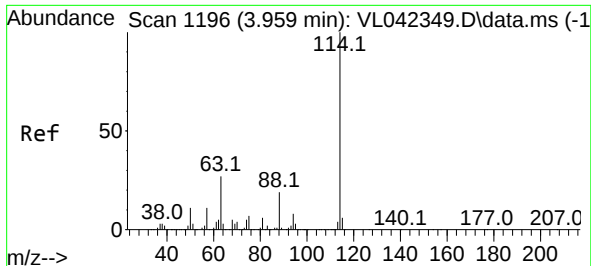


#32
 1,1,1-Trichloroethane
 Concen: 9.097 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23



Tgt Ion: 97 Resp: 321462
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.0 76.4
 61 47.1 38.8 58.2





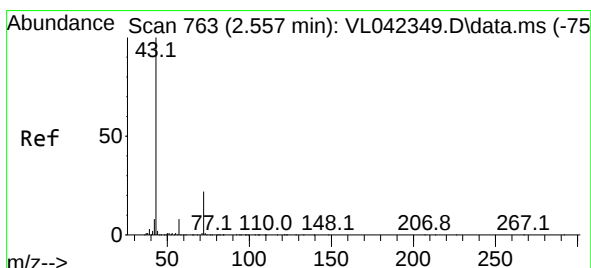
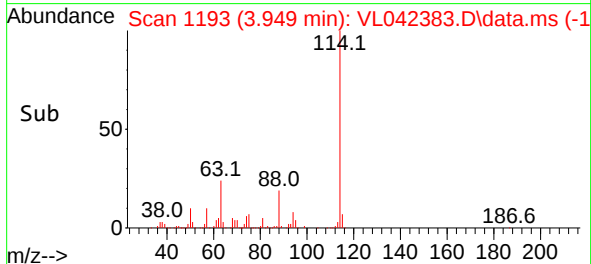
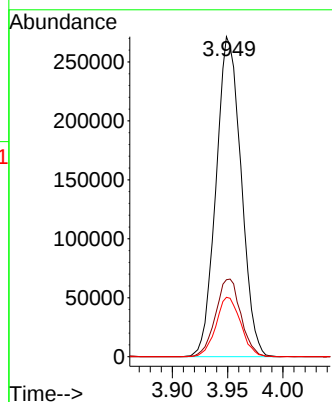
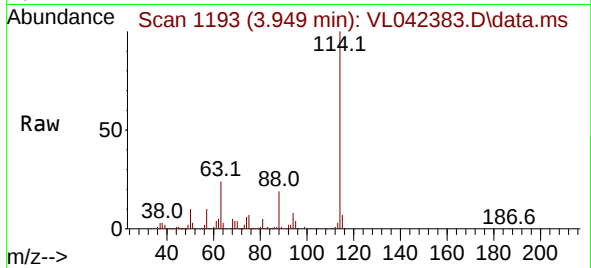
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1196
Delta R.T. -0.010 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 42754
Ion Ratio Lower Upper
114 100
63 24.4 21.8 32.6
88 18.3 15.5 23.3

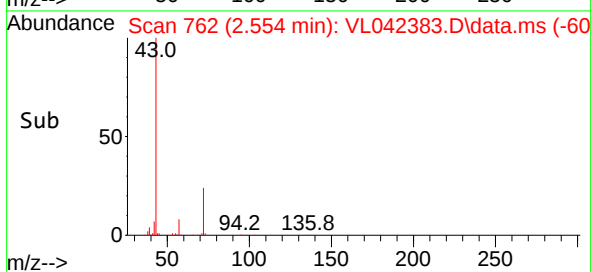
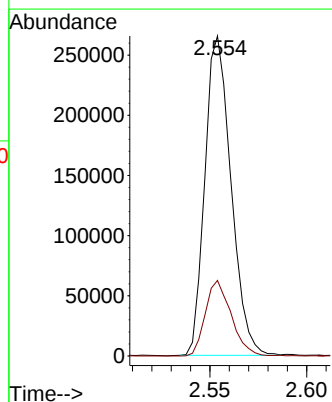
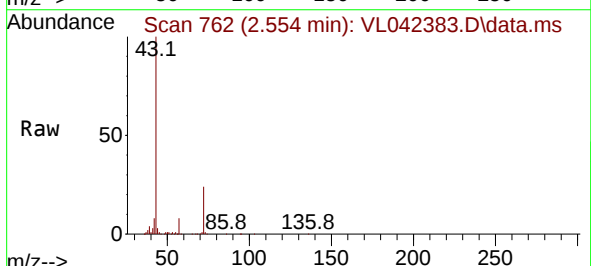
Manual Integrations
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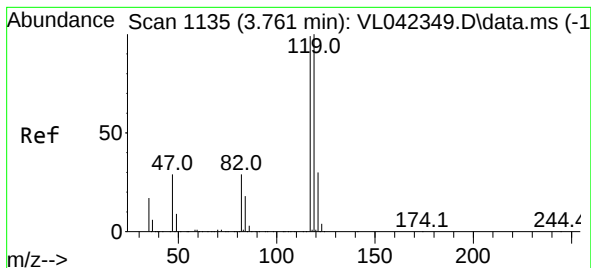
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#34
2-Butanone
Concen: 7.367 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Tgt Ion: 43 Resp: 249113
Ion Ratio Lower Upper
43 100
72 23.5 18.2 27.2





#35

Carbon Tetrachloride

Concen: 8.695 ppbv

RT: 3.755 min Scan# 1135

Delta R.T. -0.006 min

Lab File: VL042383.D

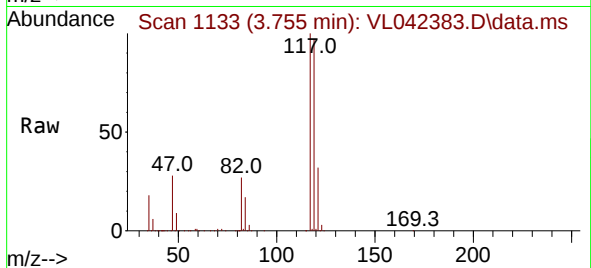
Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 117 Resp: 336452

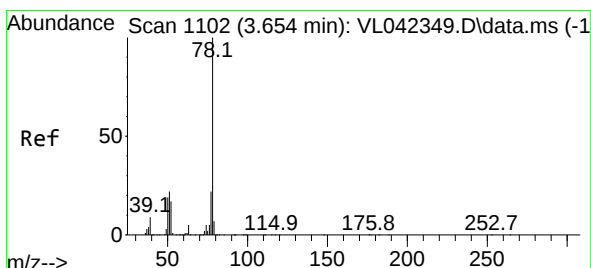
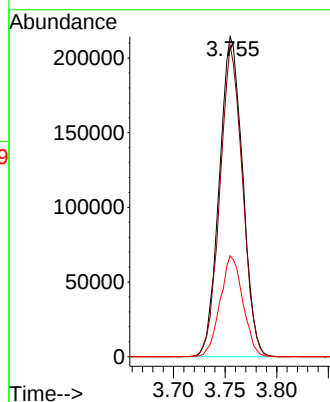
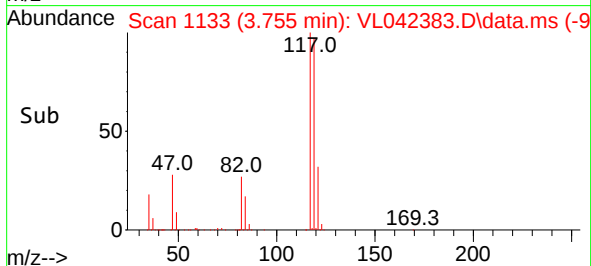
Ion	Ratio	Lower	Upper
117	100		
119	97.3	80.5	120.7
121	31.5	24.2	36.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#36

Benzene

Concen: 7.842 ppbv

RT: 3.648 min Scan# 1100

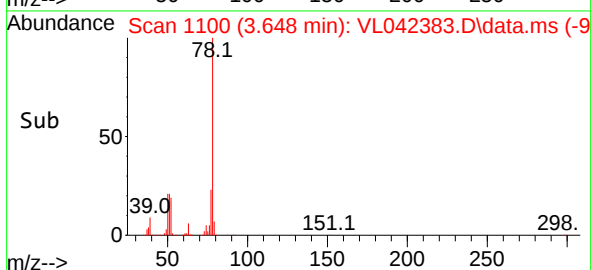
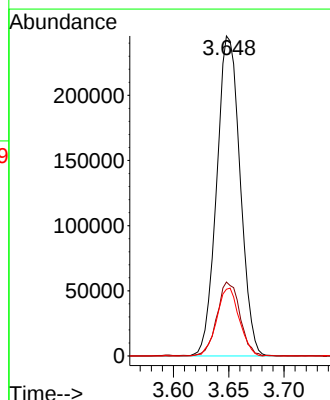
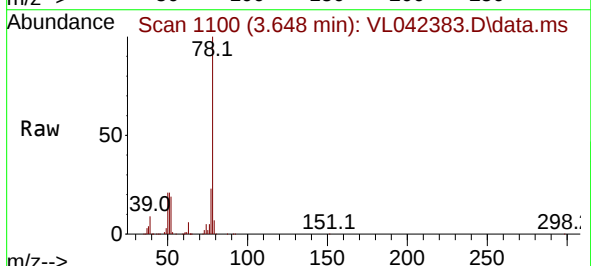
Delta R.T. -0.006 min

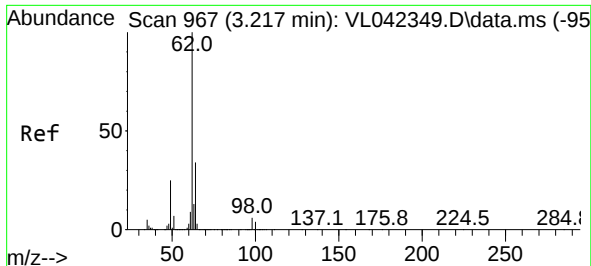
Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Tgt Ion: 78 Resp: 361650

Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.4	26.0
50	20.9	15.5	23.3





#37

1,2-Dichloroethane

Concen: 8.638 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.003 min

Lab File: VL042383.D

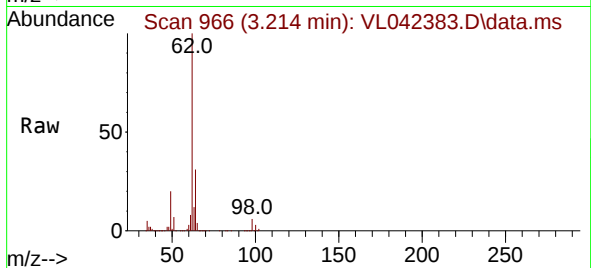
Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 62 Resp: 239079

Ion Ratio Lower Upper

62 100

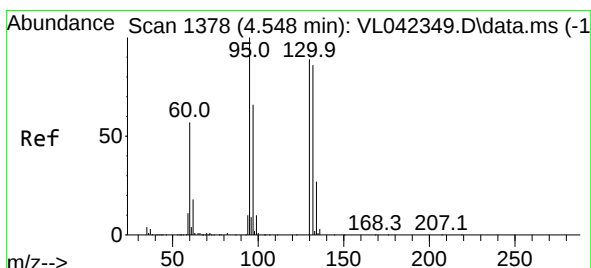
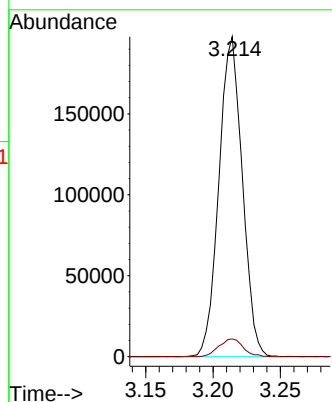
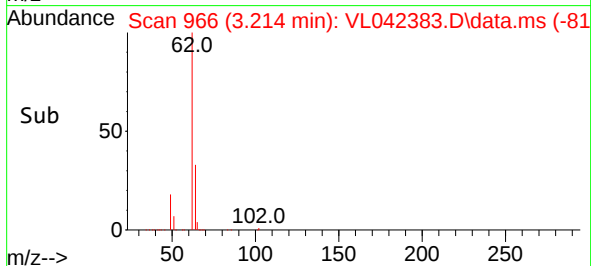
98 5.8 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#38

Trichloroethene

Concen: 7.964 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Tgt Ion:130 Resp: 160521

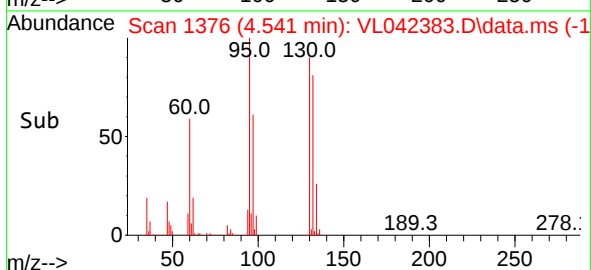
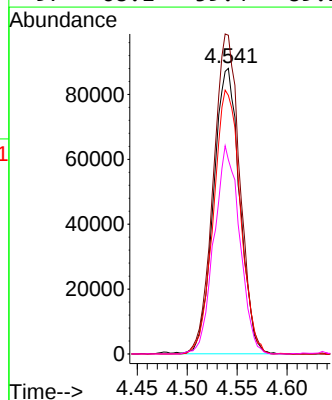
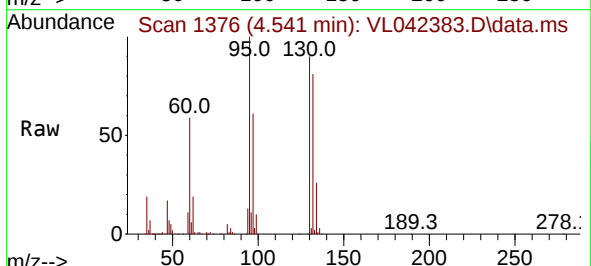
Ion Ratio Lower Upper

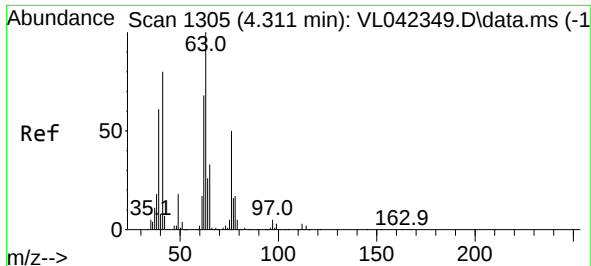
130 100

95 111.6 89.8 134.6

132 90.5 77.7 116.5

97 68.1 59.4 89.2





#39

1,2-Dichloropropane

Concen: 7.458 ppbv

RT: 4.305 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 12816

Ion Ratio Lower Upper

63 100

41 87.2 64.2 96.2

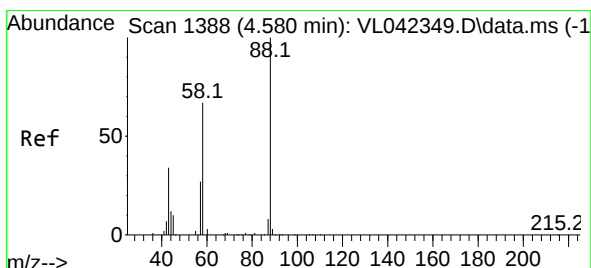
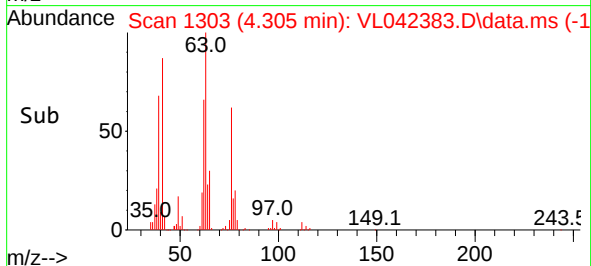
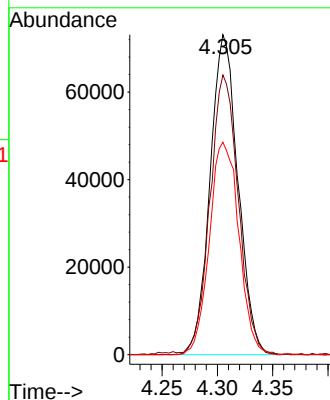
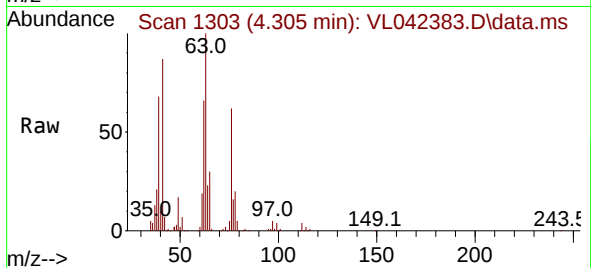
62 66.4 54.3 81.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#40

1,4-Dioxane

Concen: 6.962 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Tgt Ion: 88 Resp: 65746

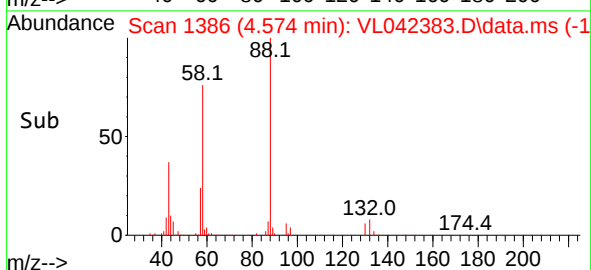
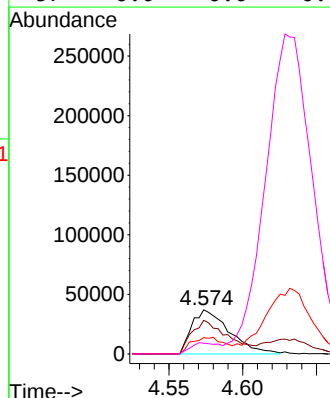
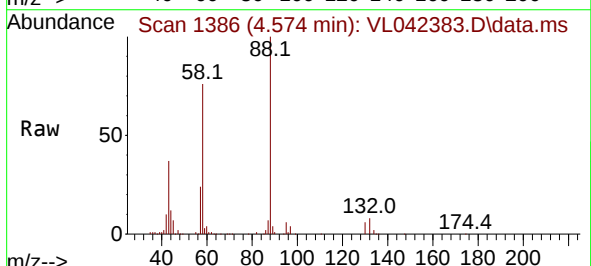
Ion Ratio Lower Upper

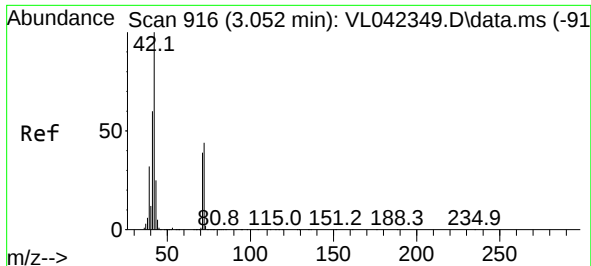
88 100

58 69.9 61.4 92.0

43 32.8 23.2 34.8

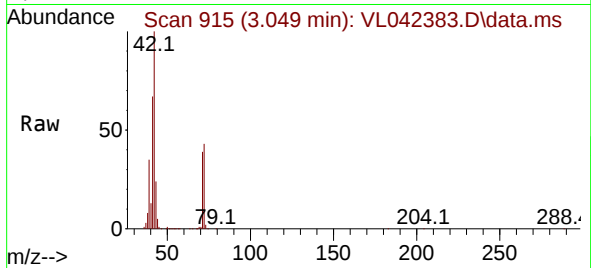
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 6.984 ppbv
RT: 3.049 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

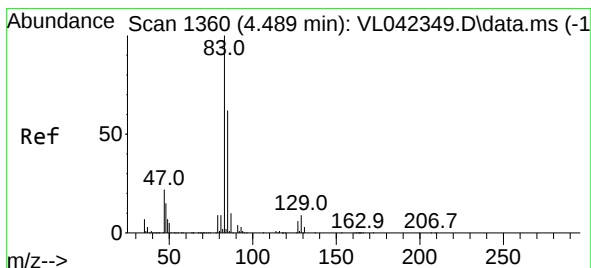
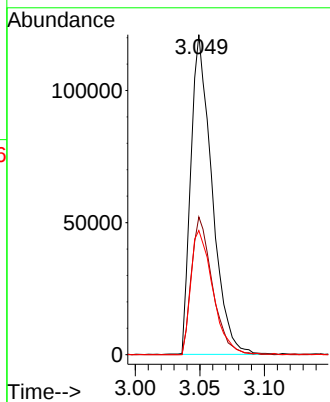
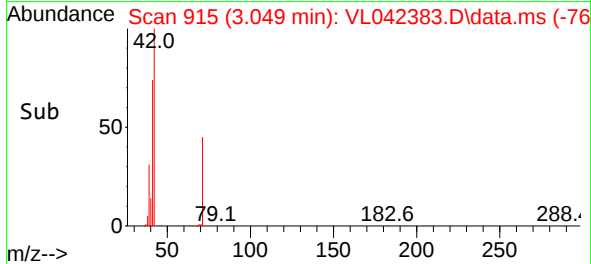
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



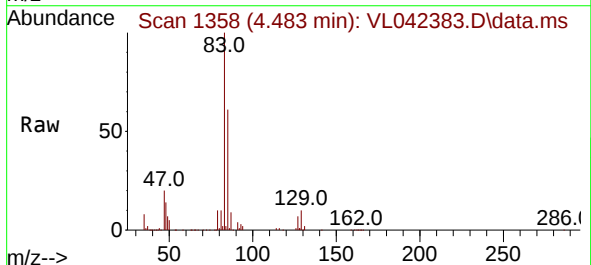
Tgt Ion: 42 Resp: 137694
Ion Ratio Lower Upper
42 100
72 42.8 32.3 48.5
71 40.9 31.4 47.2

Manual Integrations
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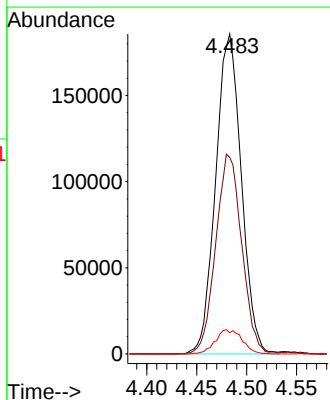
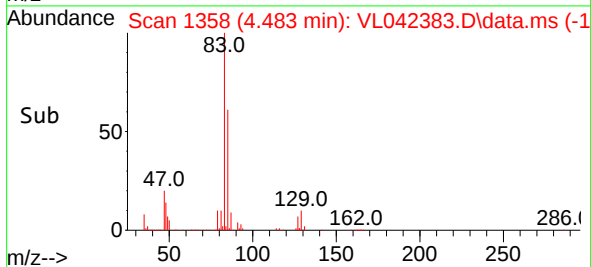
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

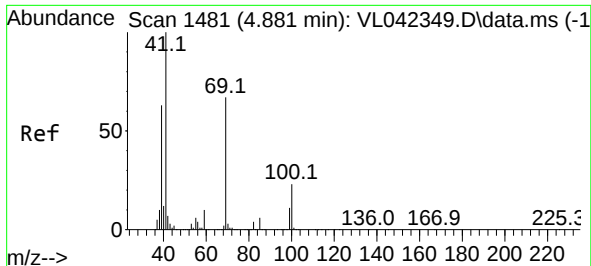


#42
Bromodichloromethane
Concen: 8.632 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



Tgt Ion: 83 Resp: 332490
Ion Ratio Lower Upper
83 100
85 61.4 49.7 74.5
127 6.6 5.1 7.7





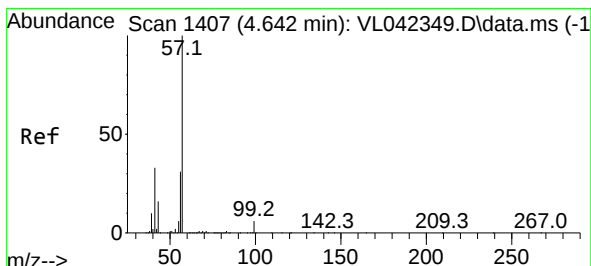
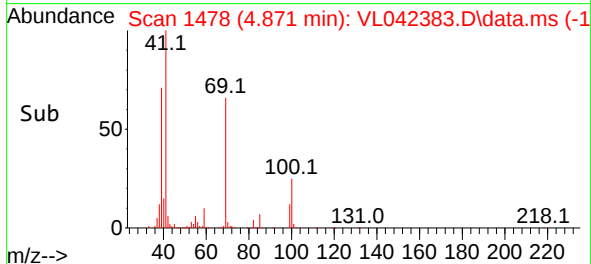
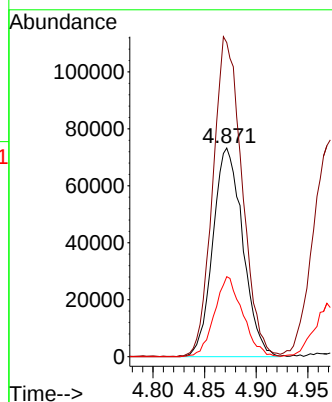
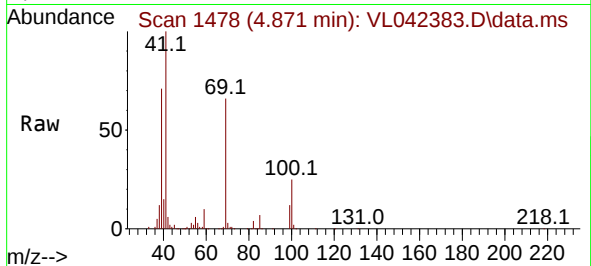
#43
Methyl Methacrylate
Concen: 7.098 ppbv
RT: 4.871 min Scan# 1478
Delta R.T. -0.010 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 14751
Ion Ratio Lower Upper
69 100
41 149.5 118.6 177.8
100 36.1 28.2 42.2

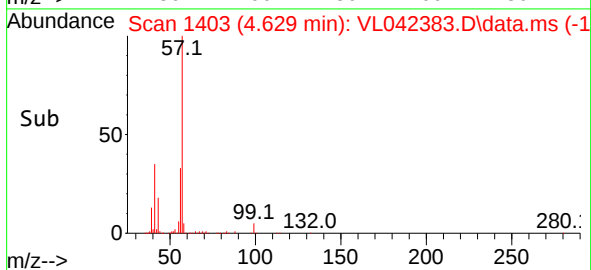
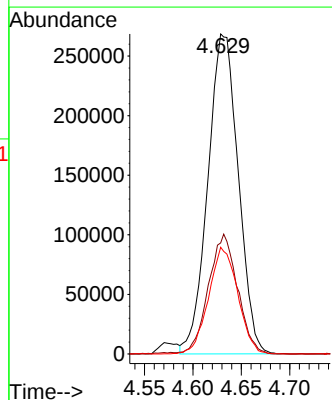
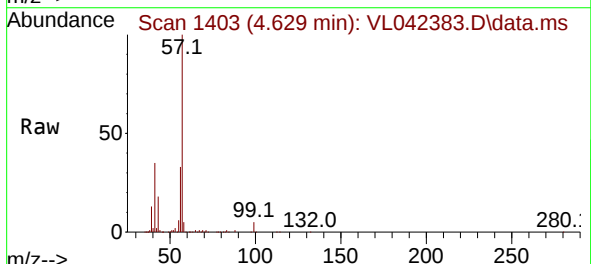
Manual Integrations
APPROVED

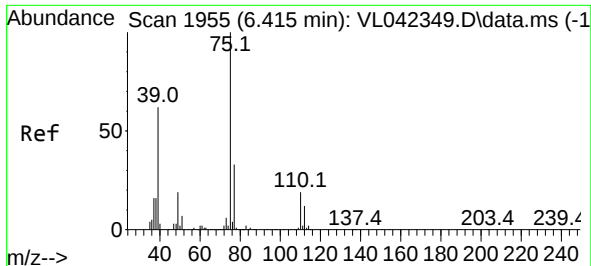
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#44
2,2,4-Trimethylpentane
Concen: 7.374 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. -0.013 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Tgt Ion: 57 Resp: 587274
Ion Ratio Lower Upper
57 100
41 36.2 27.2 40.8
56 32.0 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 7.756 ppbv

RT: 6.402 min Scan# 1951

Delta R.T. -0.013 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 164658

Ion Ratio Lower Upper

75 100

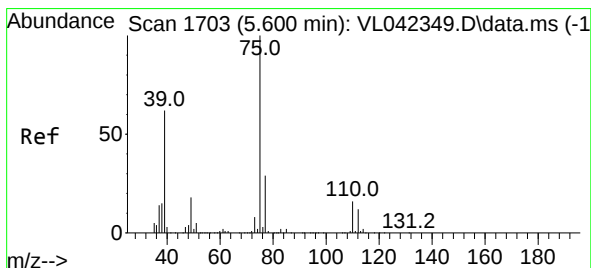
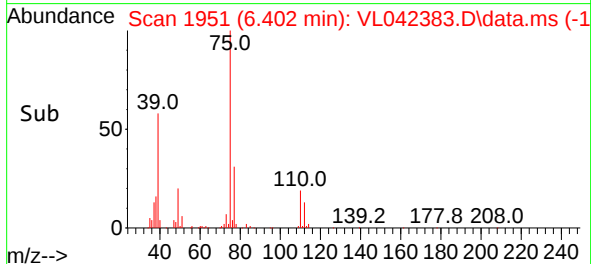
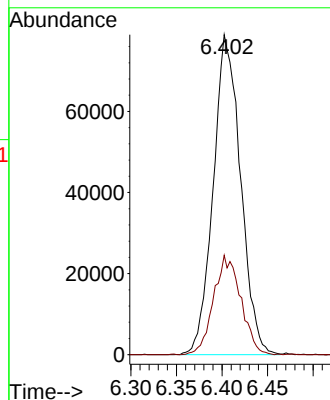
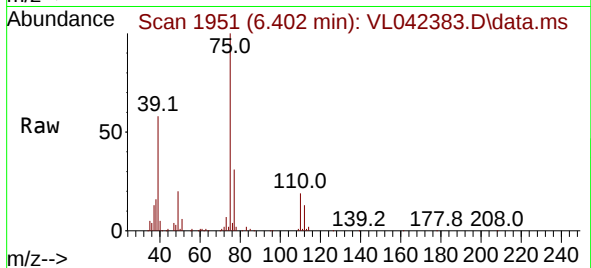
77 31.1 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#46

cis-1,3-Dichloropropene

Concen: 7.729 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

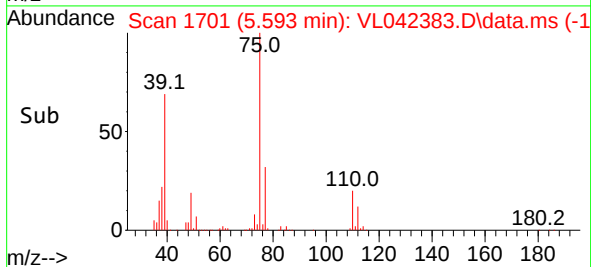
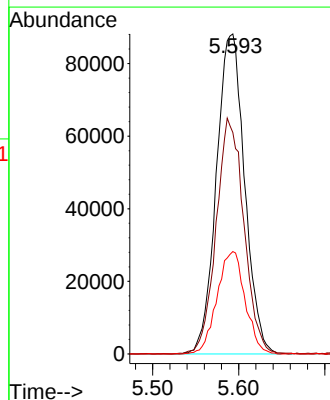
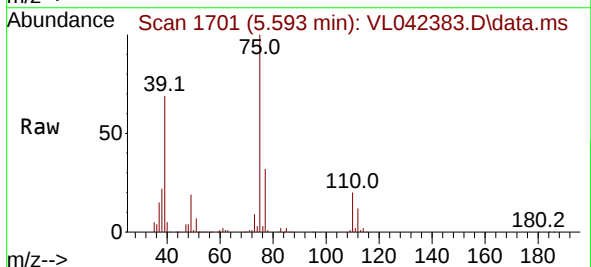
Tgt Ion: 75 Resp: 200823

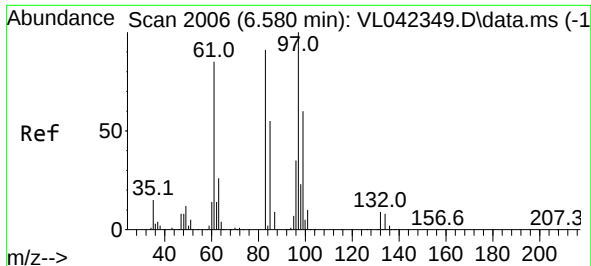
Ion Ratio Lower Upper

75 100

39 69.0 50.0 75.0

77 32.0 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 8.199 ppbv

RT: 6.571 min Scan# 2006

Delta R.T. -0.010 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 14354

Ion Ratio Lower Upper

97 100

83 83.6 72.8 109.2

85 54.6 44.2 66.4

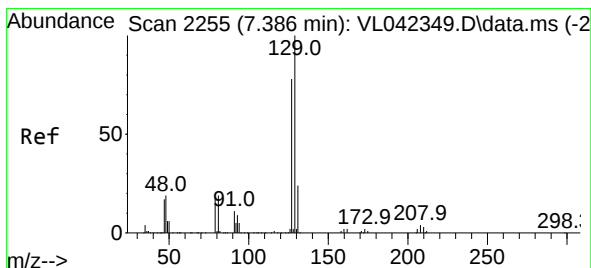
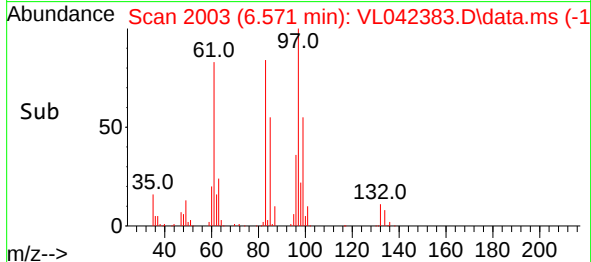
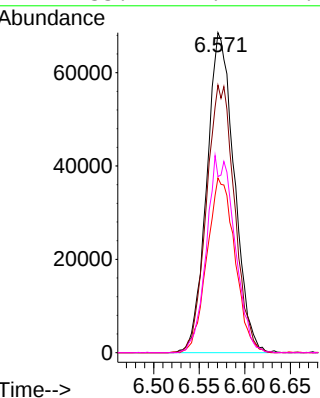
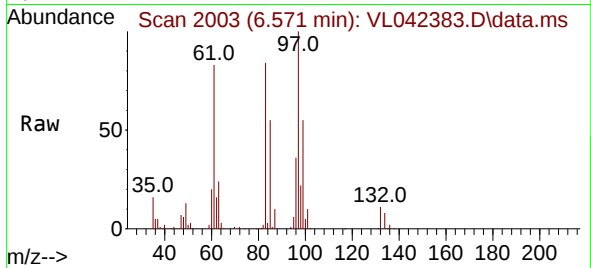
99 55.1 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#48

Dibromochloromethane

Concen: 8.931 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.006 min

Lab File: VL042383.D

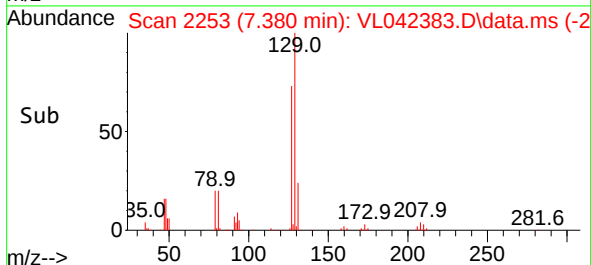
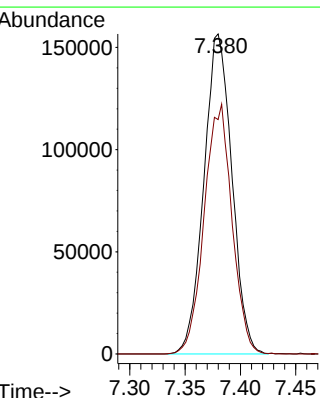
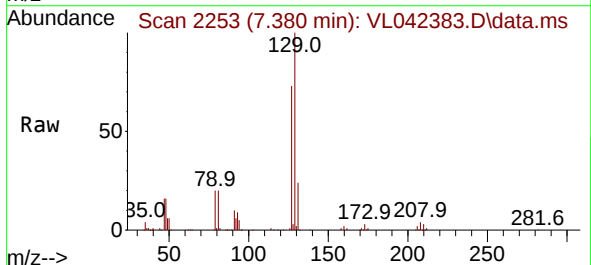
Acq: 18 Apr 2025 10:23

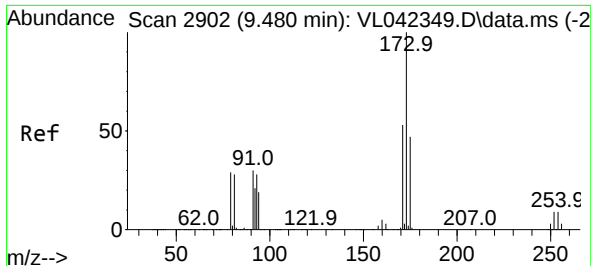
Tgt Ion:129 Resp: 276258

Ion Ratio Lower Upper

129 100

127 77.3 39.1 117.3





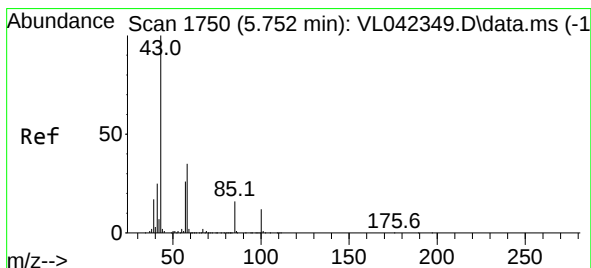
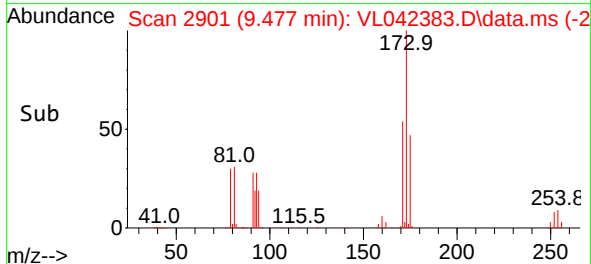
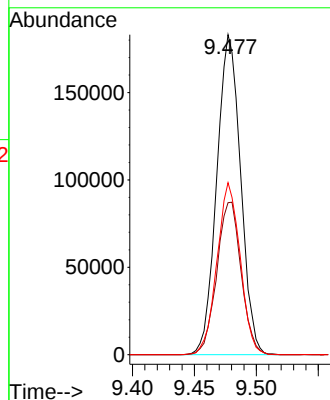
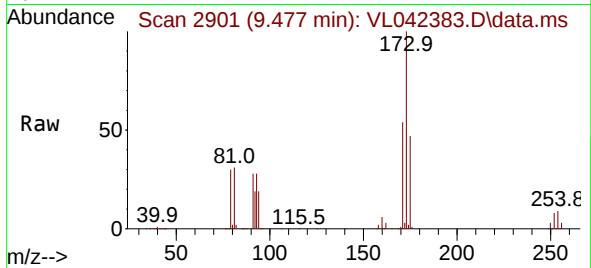
#49
Bromoform
Concen: 9.086 ppbv
RT: 9.477 min Scan# 2902
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 173 Resp: 24573
Ion Ratio Lower Upper
173 100
175 48.8 38.2 57.2
171 52.2 40.9 61.3

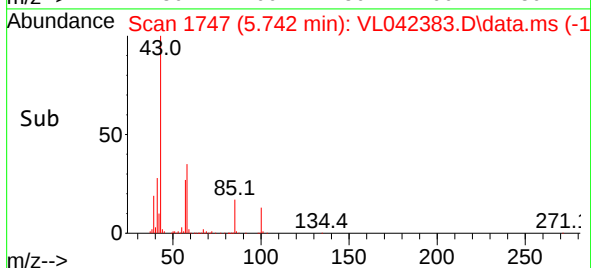
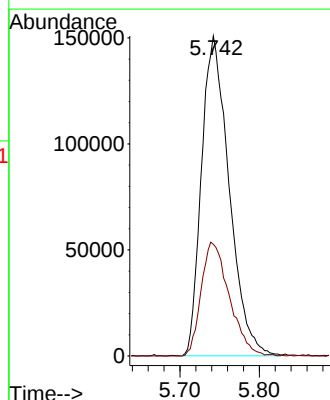
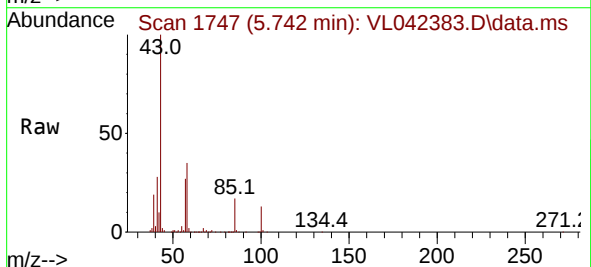
Manual Integrations
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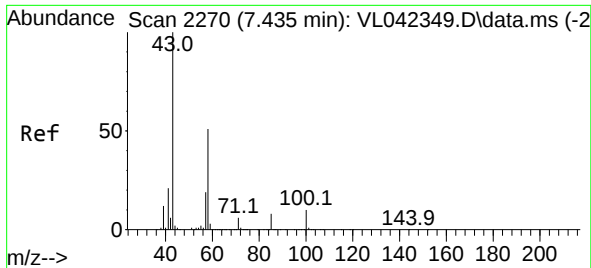
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#50
4-Methyl-2-Pentanone
Concen: 6.501 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. -0.010 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

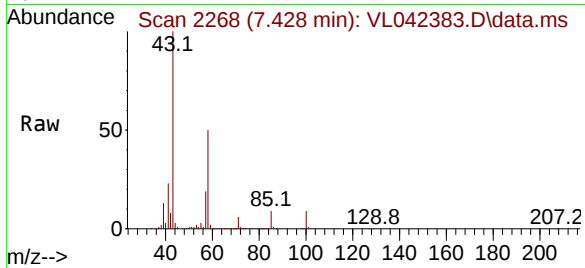
Tgt Ion: 43 Resp: 365292
Ion Ratio Lower Upper
43 100
58 36.3 28.6 43.0





#51
2-Hexanone
Concen: 5.874 ppbv
RT: 7.428 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

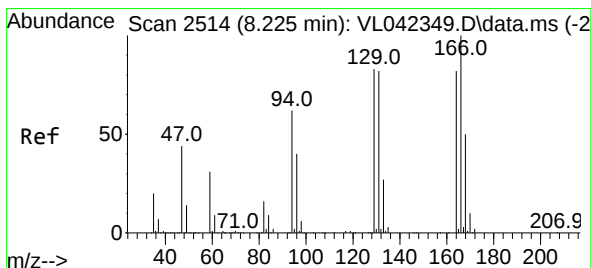
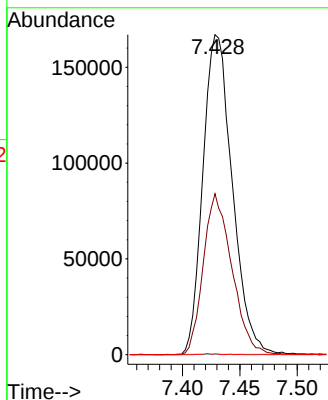
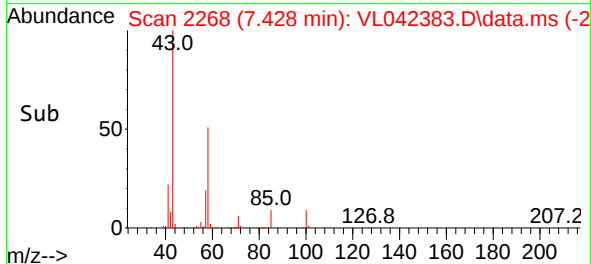
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



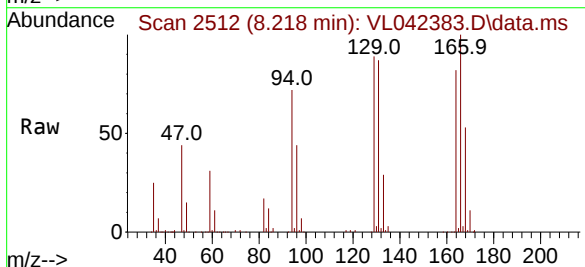
Tgt Ion: 43 Resp: 296019
Ion Ratio Lower Upper
43 100
58 49.2 40.2 60.4
98 0.2 0.1 0.1

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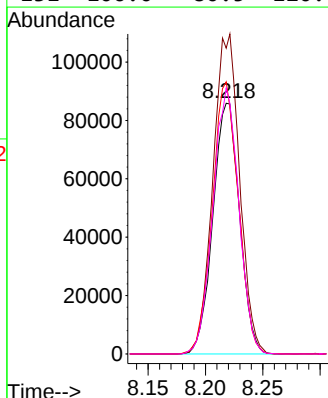
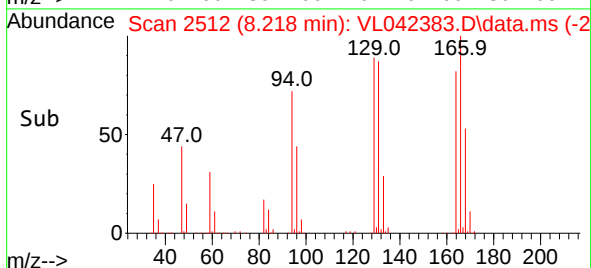
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

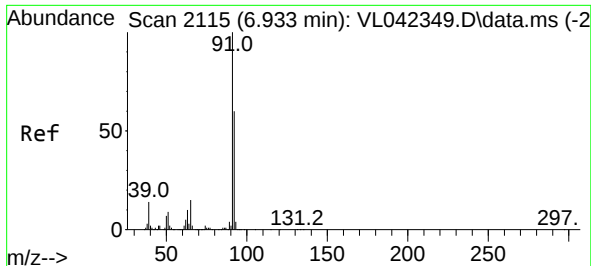


#52
Tetrachloroethene
Concen: 7.759 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



Tgt Ion:164 Resp: 138295
Ion Ratio Lower Upper
164 100
166 121.9 98.2 147.2
129 108.5 81.8 122.8
131 106.0 80.5 120.7





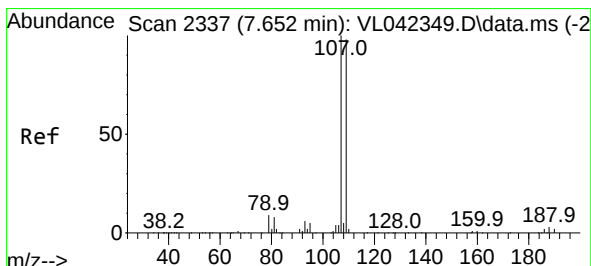
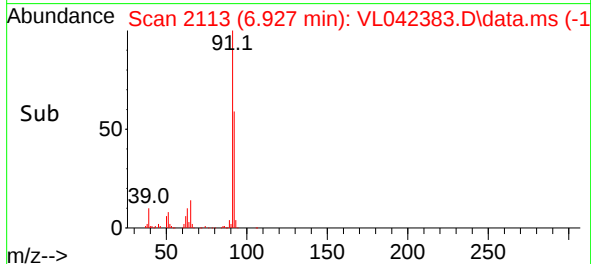
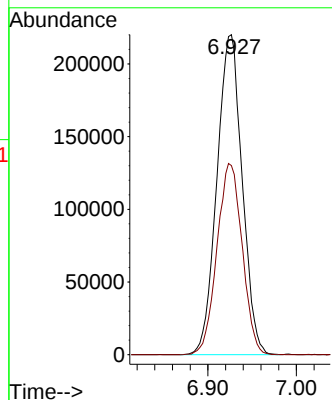
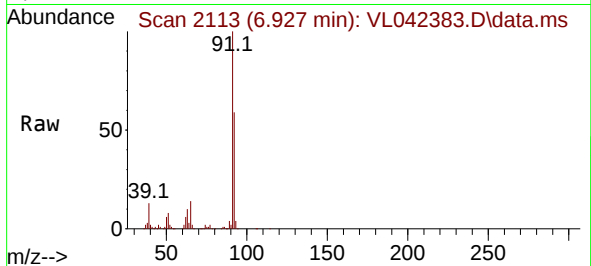
#53
Toluene
Concen: 7.886 ppbv
RT: 6.927 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 436388
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.4

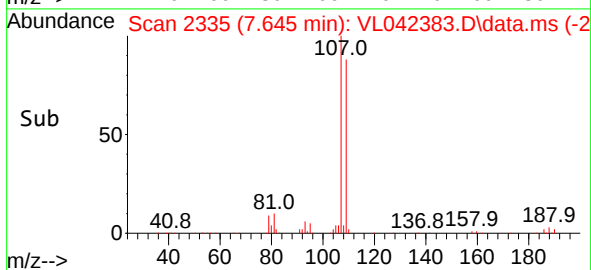
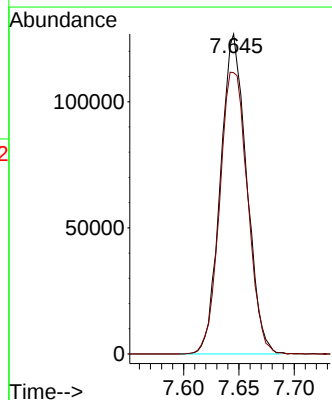
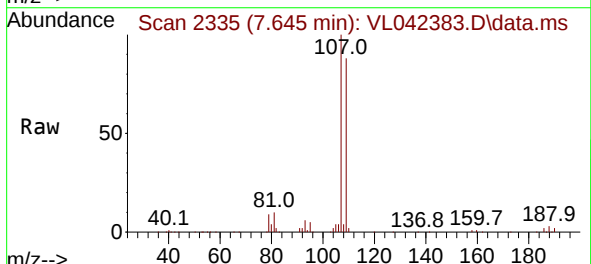
Manual Integrations
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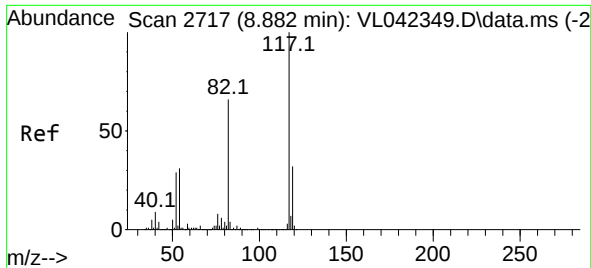
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#54
1,2-Dibromoethane
Concen: 8.347 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

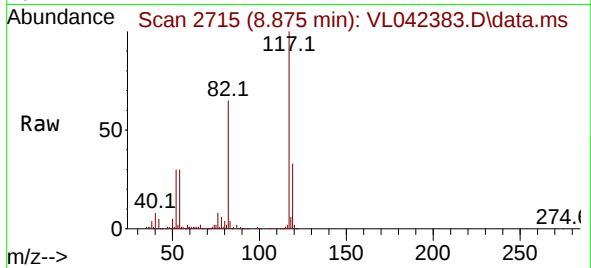
Tgt Ion:107 Resp: 209152
Ion Ratio Lower Upper
107 100
109 87.9 78.2 117.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

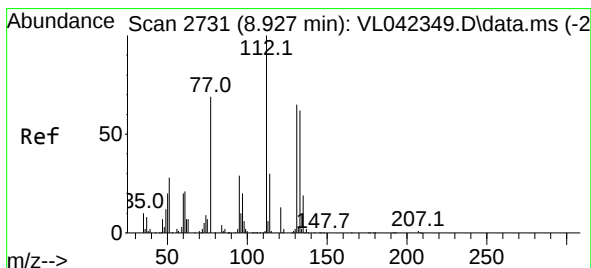
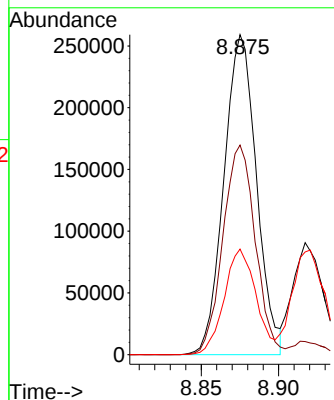
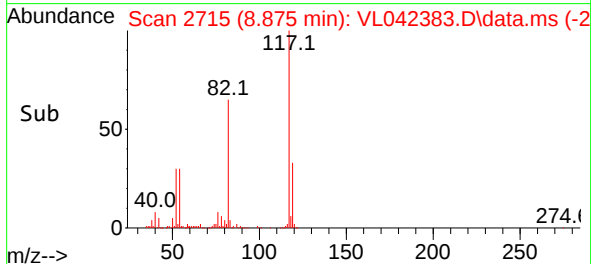
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 379215
Ion Ratio Lower Upper
117 100
82 69.1 57.8 86.6
119 31.8 25.2 37.8

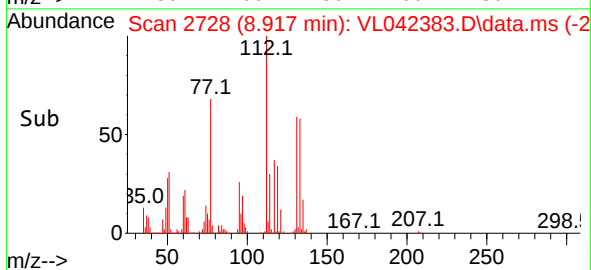
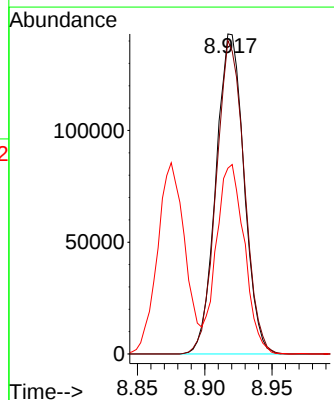
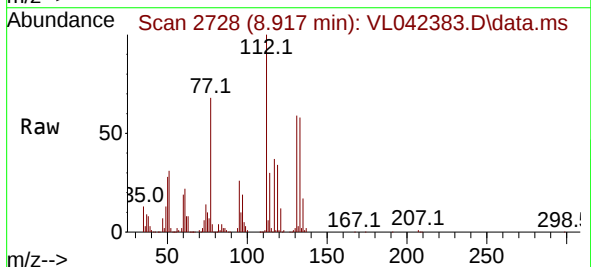
Manual Integrations
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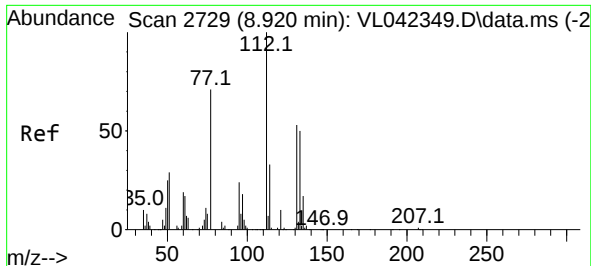
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.038 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. -0.010 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

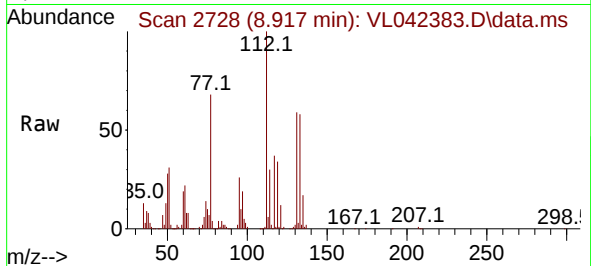
Tgt Ion:131 Resp: 207437
Ion Ratio Lower Upper
131 100
133 98.0 78.3 117.5
119 59.4 48.7 73.1





#57
Chlorobenzene
Concen: 8.619 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

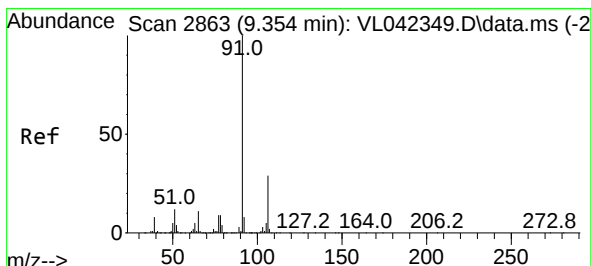
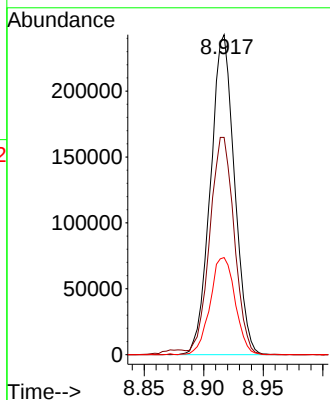
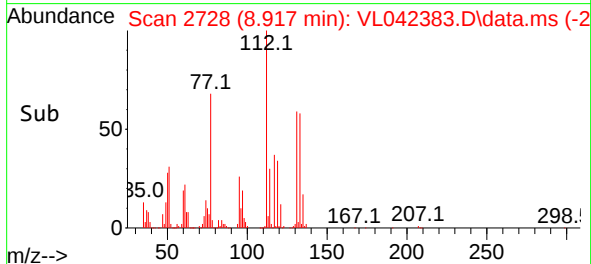
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 339932
Ion Ratio Lower Upper
112 100
77 67.8 57.8 86.6
114 30.3 29.3 35.9

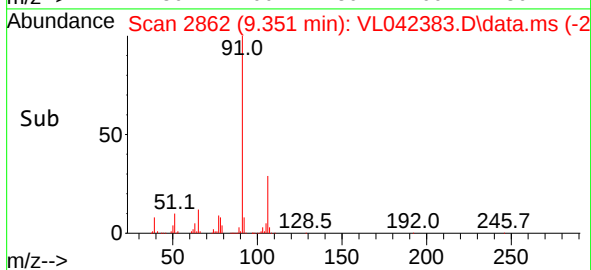
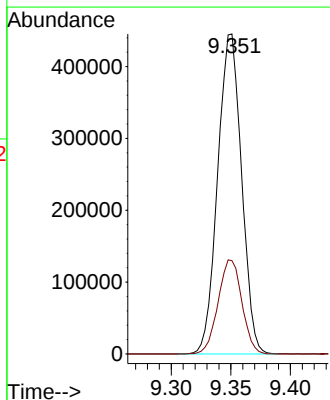
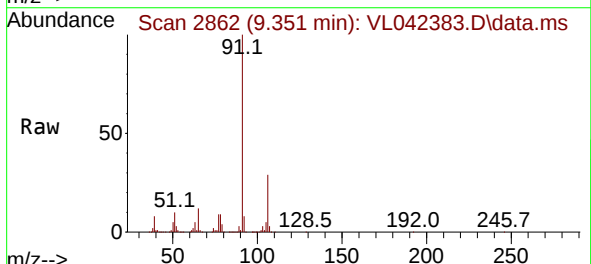
Manual Integrations
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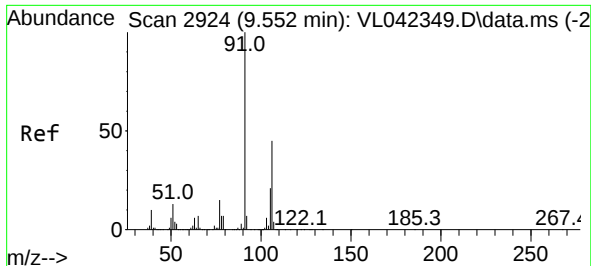
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#58
Ethyl Benzene
Concen: 8.258 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Tgt Ion: 91 Resp: 620425
Ion Ratio Lower Upper
91 100
106 29.2 23.0 34.4





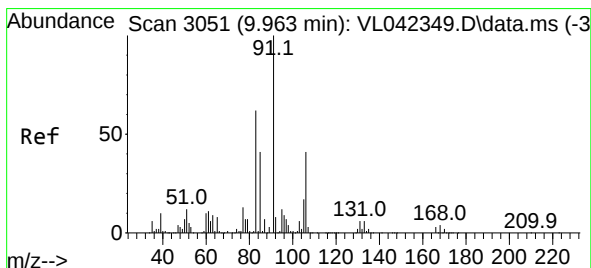
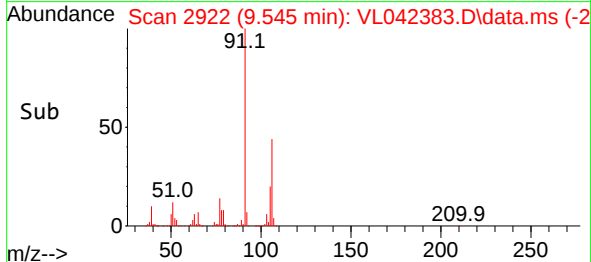
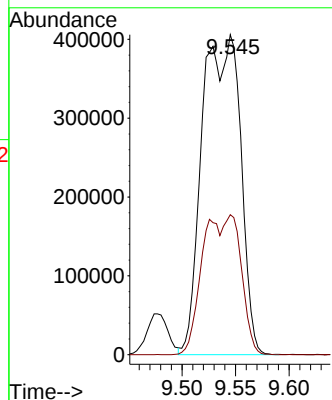
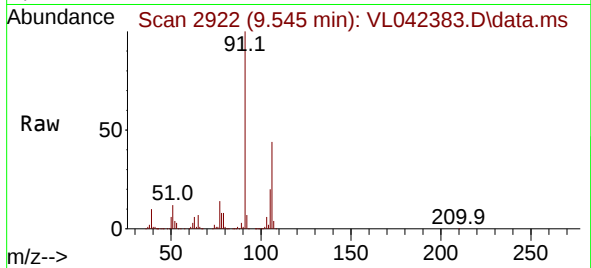
#59
m/p-Xylene
Concen: 16.726 ppbv m
RT: 9.545 min Scan# 2924
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 101238
Ion Ratio Lower Upper
91 100
106 44.0 35.4 53.2

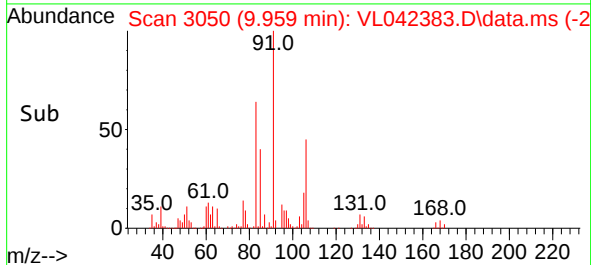
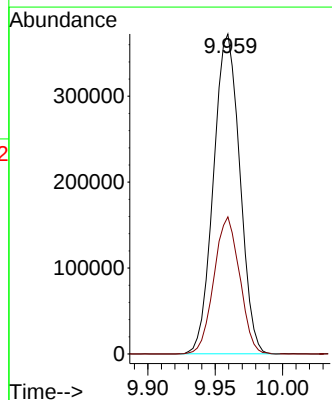
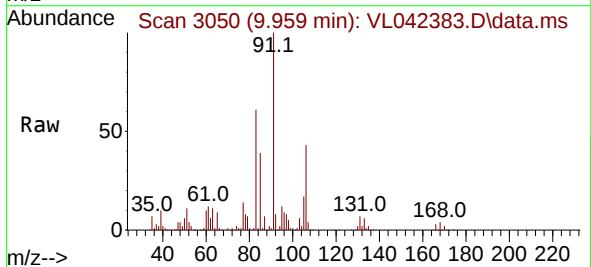
Manual Integrations
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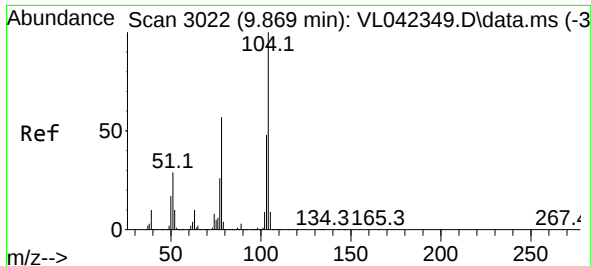
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#60
o-Xylene
Concen: 8.290 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Tgt Ion: 91 Resp: 505258
Ion Ratio Lower Upper
91 100
106 42.0 21.1 63.4





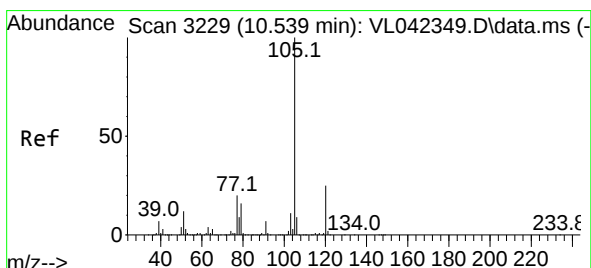
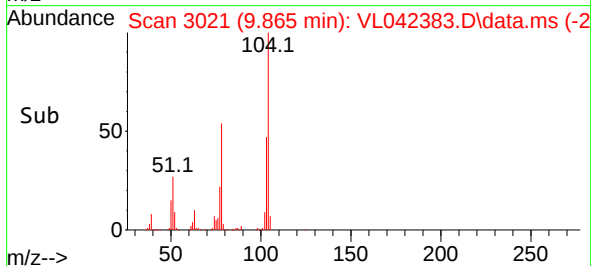
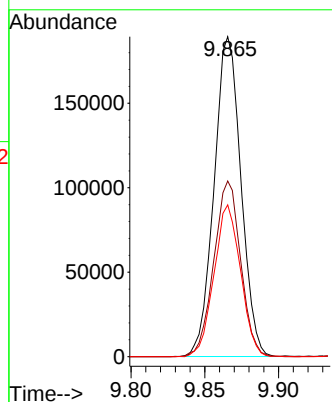
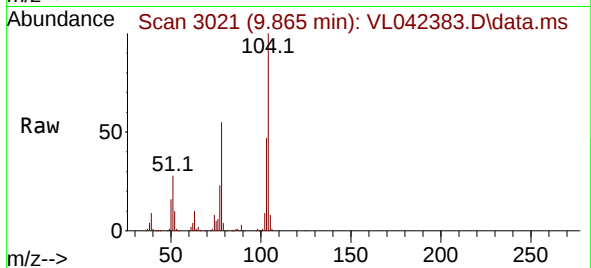
#61
Styrene
Concen: 8.253 ppbv
RT: 9.865 min Scan# 3022
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 240108
Ion Ratio Lower Upper
104 100
78 54.7 44.6 66.8
103 46.9 37.4 56.0

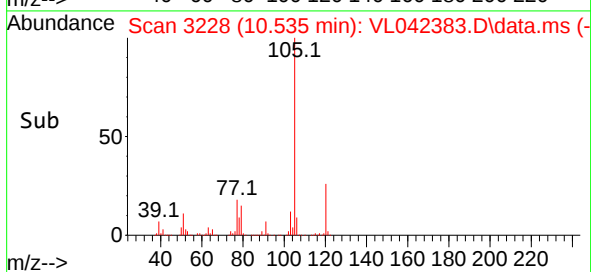
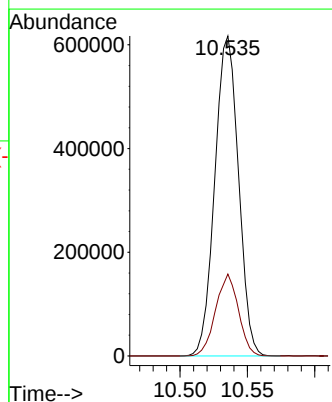
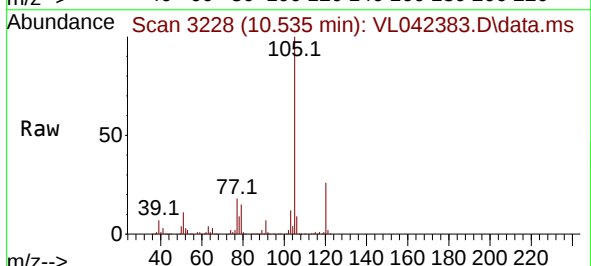
Manual Integrations
APPROVED

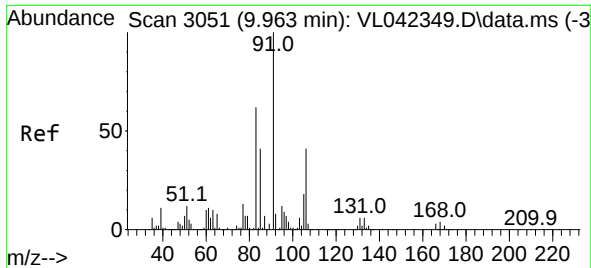
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#62
Isopropylbenzene
Concen: 8.422 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

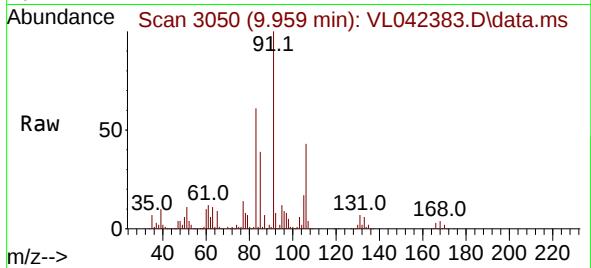
Tgt Ion:105 Resp: 753628
Ion Ratio Lower Upper
105 100
120 24.6 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 7.520 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

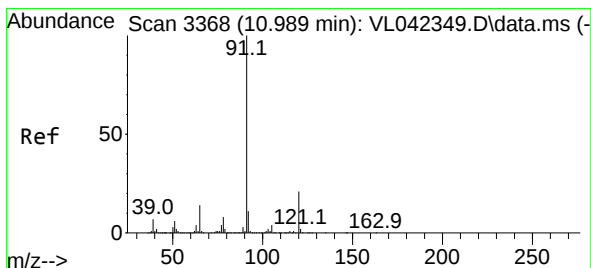
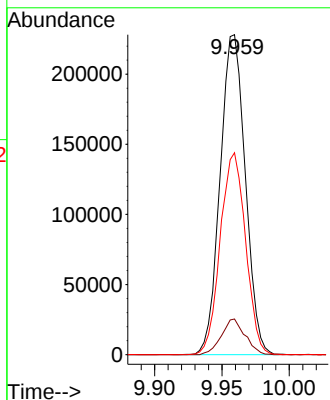
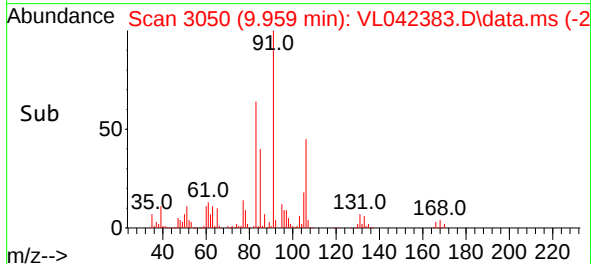
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 297020
Ion Ratio Lower Upper
83 100
131 10.5 4.5 13.7
85 63.5 32.4 97.0

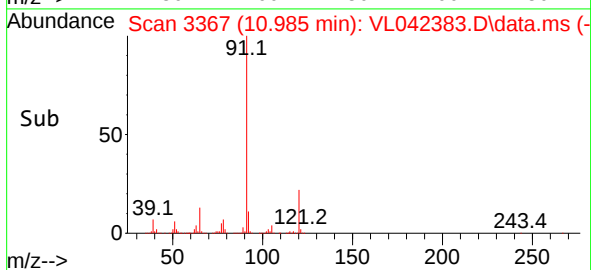
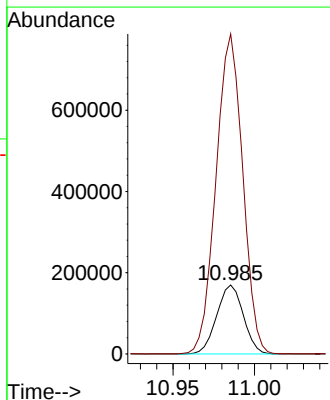
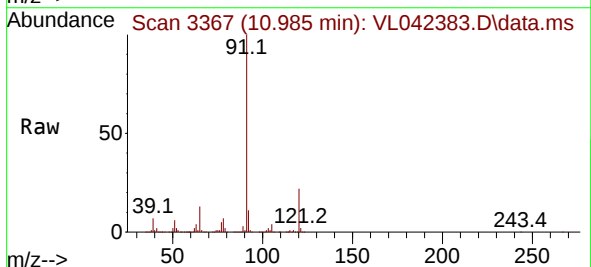
Manual Integrations
APPROVED

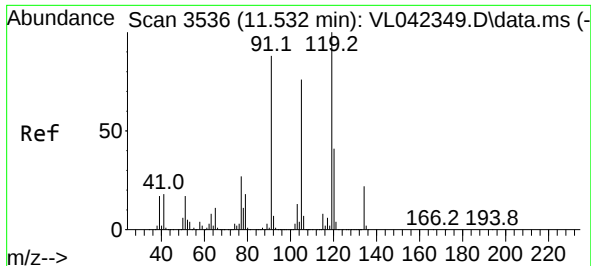
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
n-propylbenzene
Concen: 8.534 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Tgt Ion:120 Resp: 191951
Ion Ratio Lower Upper
120 100
91 467.4 392.4 588.6





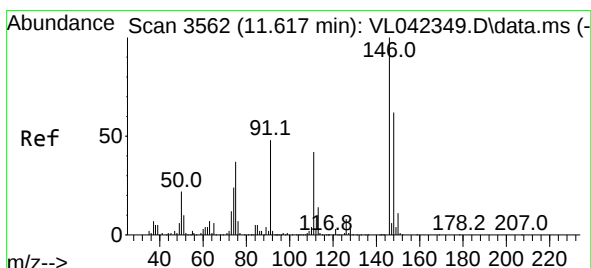
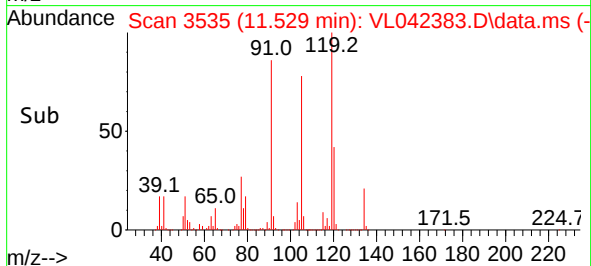
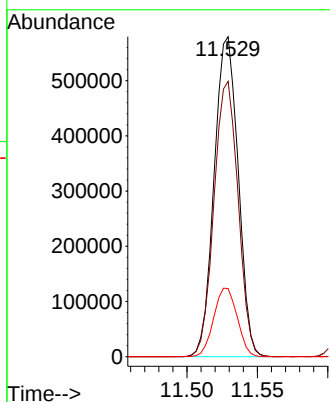
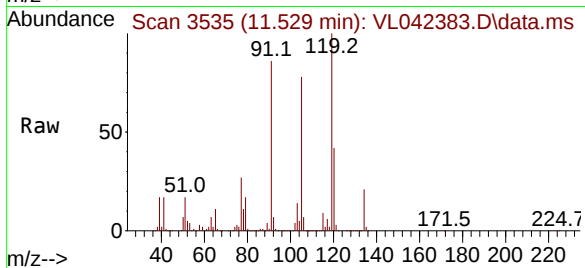
#65
tert-Butylbenzene
Concen: 8.367 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 68813
Ion Ratio Lower Upper
119 100
91 86.4 74.6 111.8
134 21.0 18.8 28.2

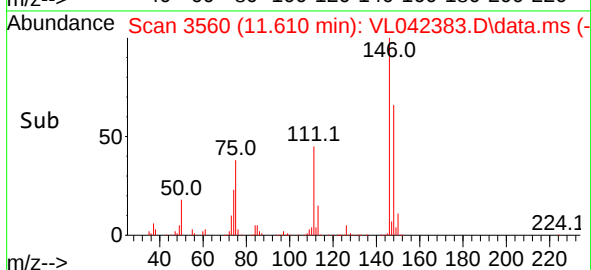
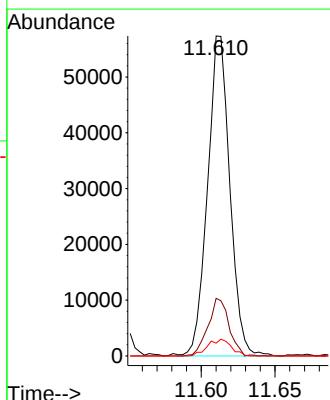
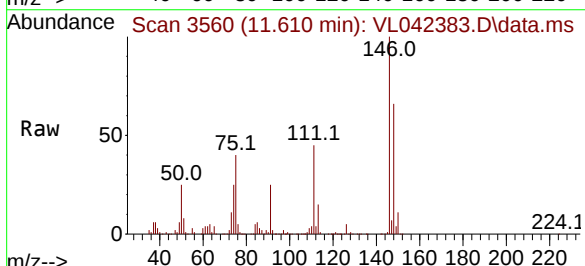
Manual Integrations
APPROVED

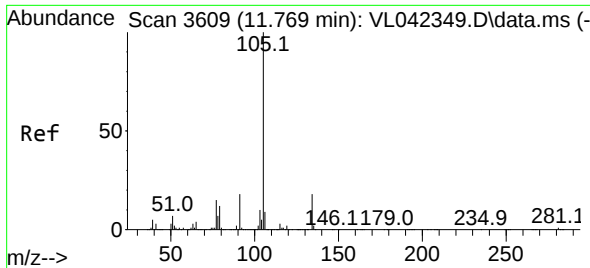
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#66
Benzyl Chloride
Concen: 6.664 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

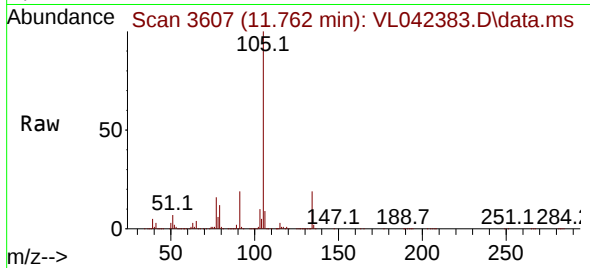
Tgt Ion: 91 Resp: 60227
Ion Ratio Lower Upper
91 100
126 16.9 11.8 17.6
128 5.5 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 8.295 ppbv
 RT: 11.762 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

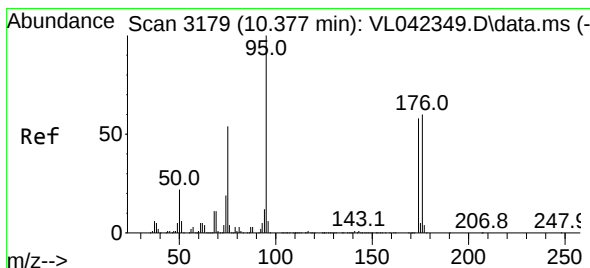
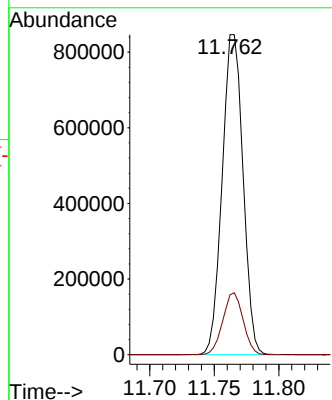
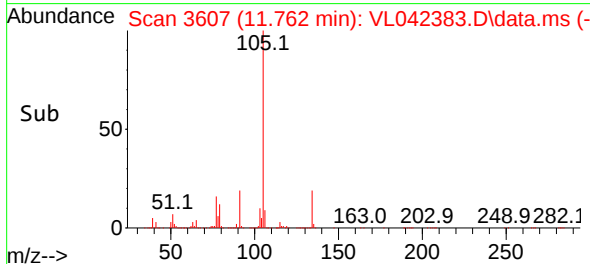
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 948960
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.6 21.8

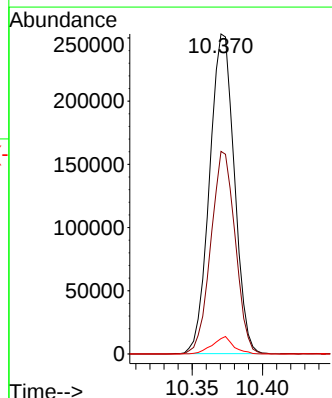
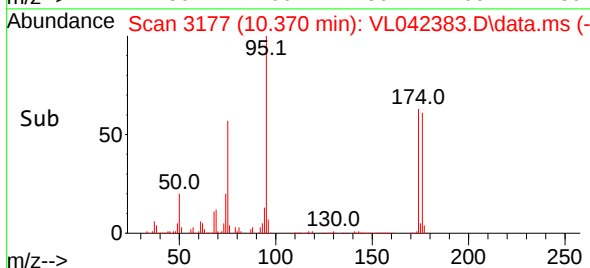
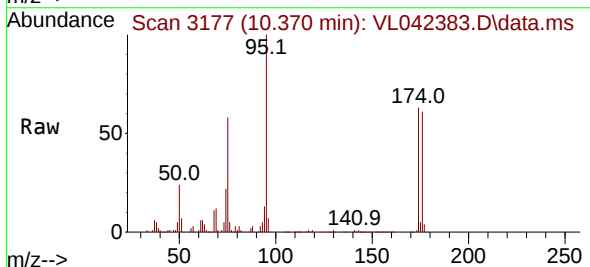
Manual Integrations
 APPROVED

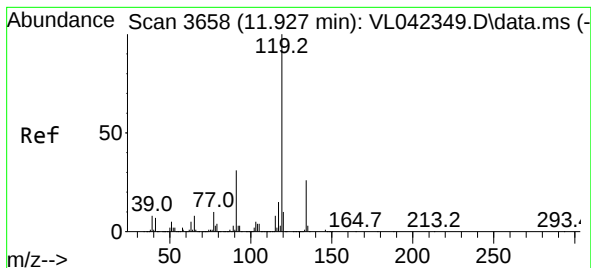
Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.924 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.006 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

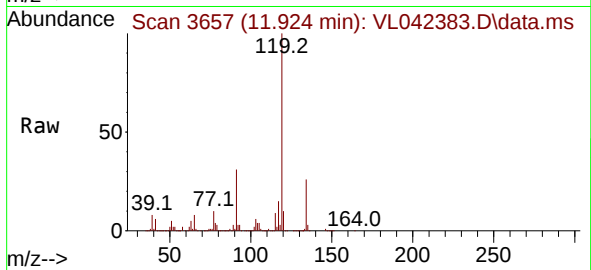
Tgt Ion: 95 Resp: 309235
 Ion Ratio Lower Upper
 95 100
 174 62.5 48.5 72.7
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 8.315 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

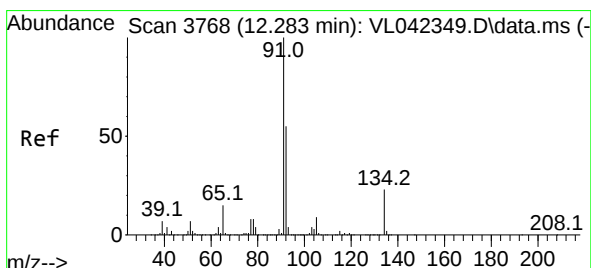
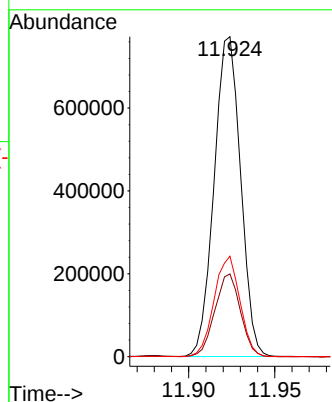
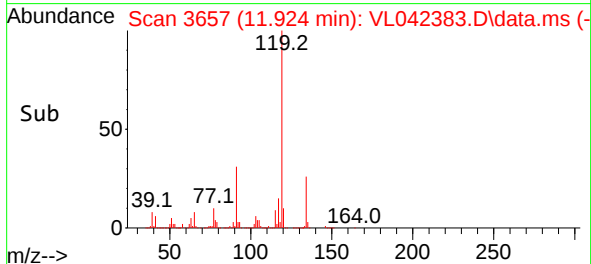
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



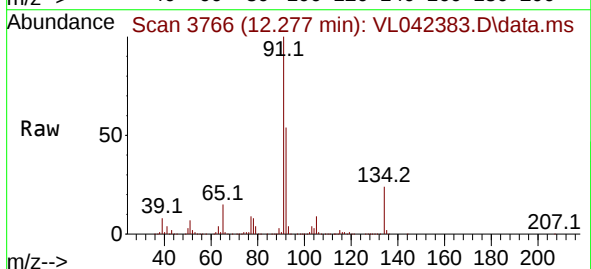
Tgt Ion:119 Resp: 82644
Ion Ratio Lower Upper
119 100
134 25.1 20.0 30.0
91 30.8 24.4 36.6

Manual Integrations
APPROVED

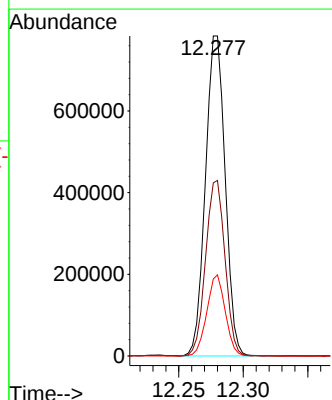
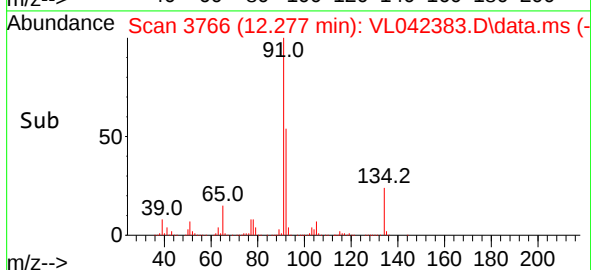
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

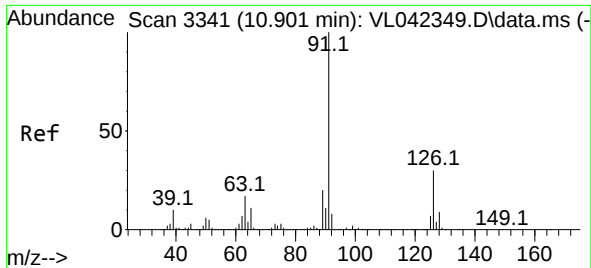


#70
n-Butylbenzene
Concen: 8.039 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.006 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



Tgt Ion: 91 Resp: 832220
Ion Ratio Lower Upper
91 100
92 54.3 44.2 66.4
134 23.6 18.2 27.4





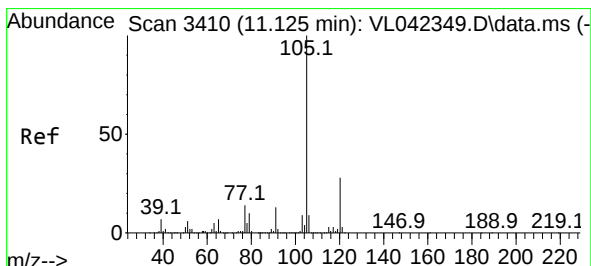
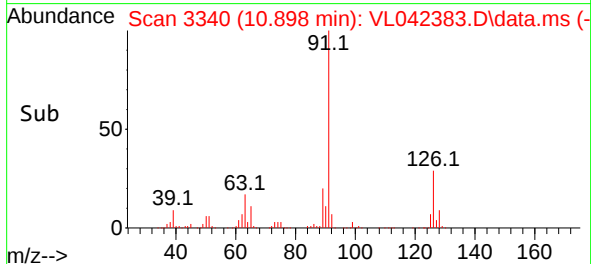
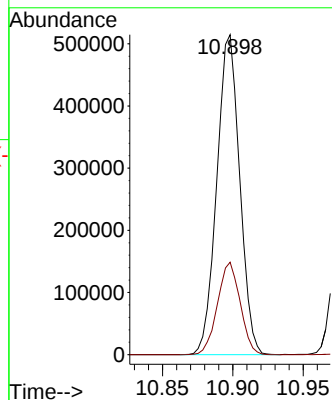
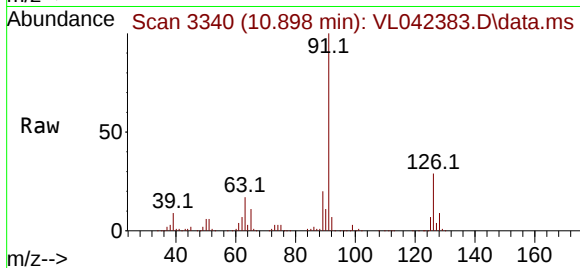
#71
2-Chlorotoluene
Concen: 8.306 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 58295
Ion Ratio Lower Upper
91 100
126 28.6 11.4 45.4

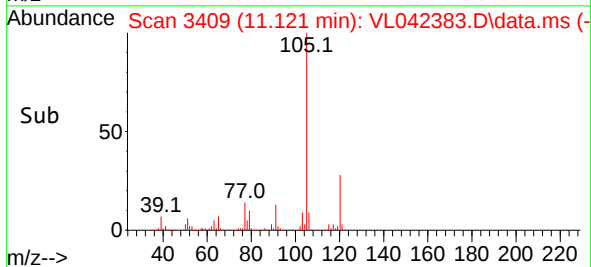
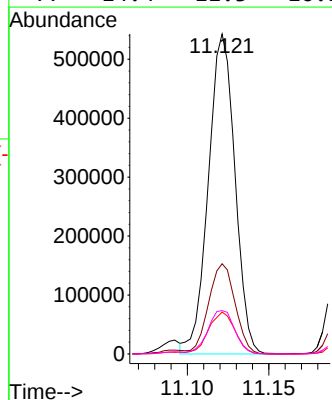
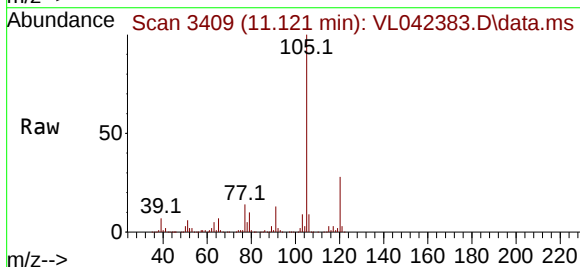
Manual Integrations
APPROVED

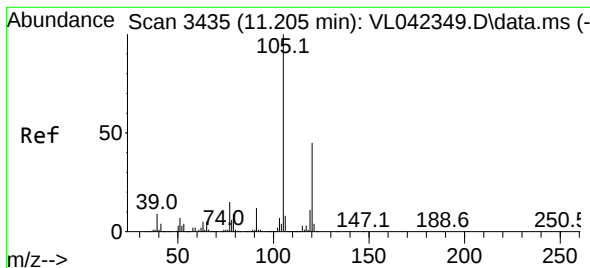
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#72
4-Ethyltoluene
Concen: 8.256 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

Tgt Ion:105 Resp: 615202
Ion Ratio Lower Upper
105 100
120 29.3 23.2 34.8
91 13.6 10.4 15.6
77 14.4 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 8.220 ppbv

RT: 11.199 min Scan# 3435

Delta R.T. -0.006 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 54078

Ion Ratio Lower Upper

105 100

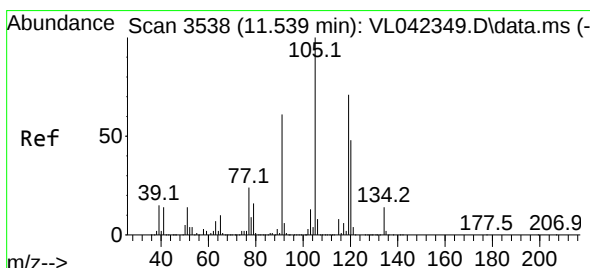
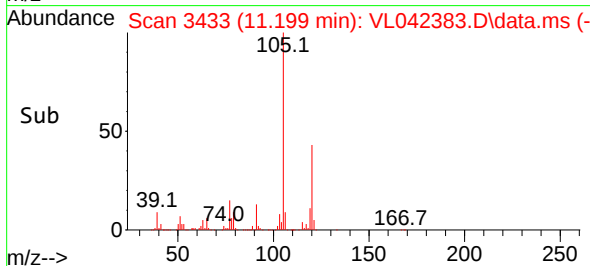
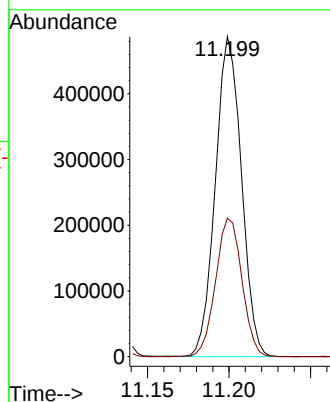
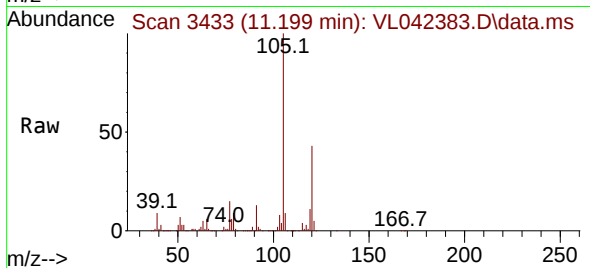
120 43.3 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#74

1,2,4-Trimethylbenzene

Concen: 7.794 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Tgt Ion:105 Resp: 598825

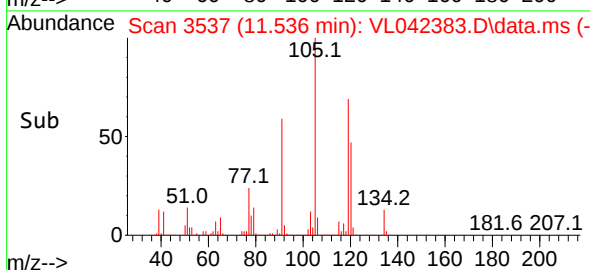
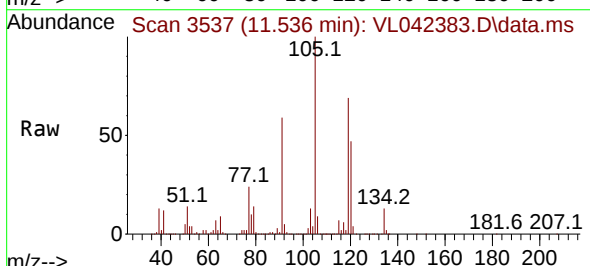
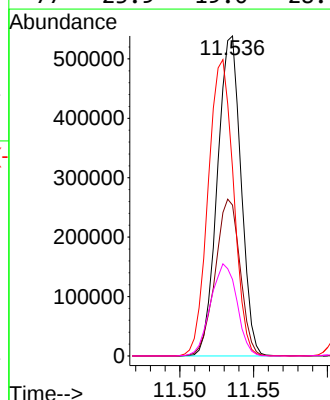
Ion Ratio Lower Upper

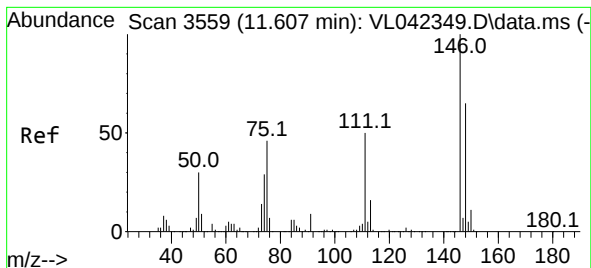
105 100

120 47.1 38.1 57.1

91 58.6 48.8 73.2

77 23.9 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 8.644 ppbv

RT: 11.604 min Scan# 3559

Delta R.T. -0.003 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

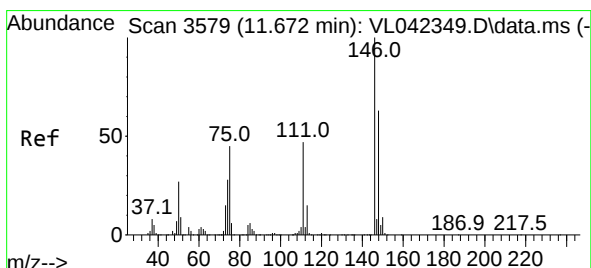
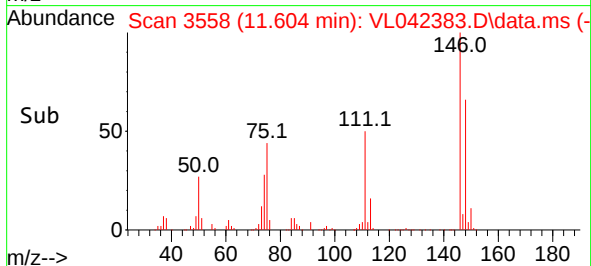
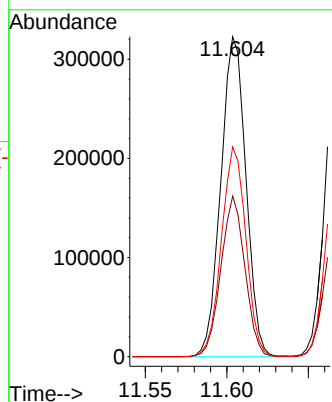
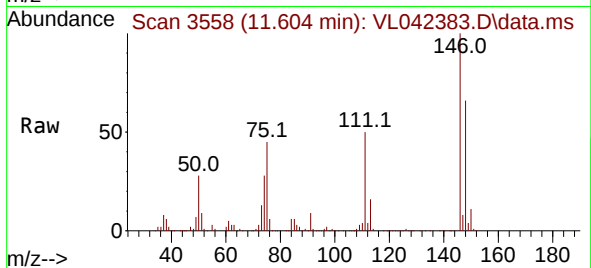
VSTDCCC010

Tgt Ion:	146	Resp:	345220
Ion Ratio	Lower	Upper	
146	100		
111	48.0	24.3	72.8
148	63.9	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#76

1,4-Dichlorobenzene

Concen: 8.477 ppbv

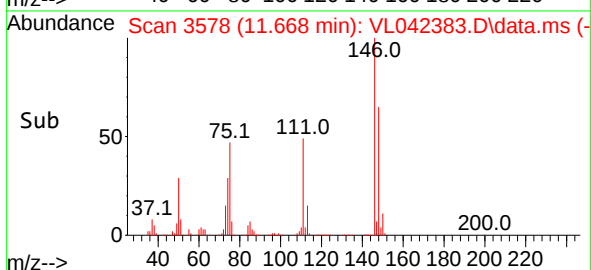
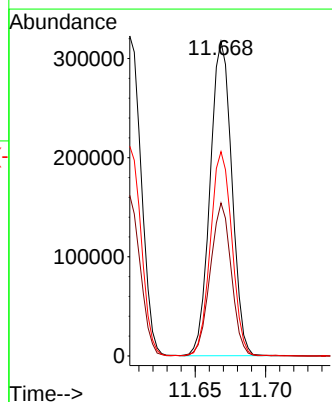
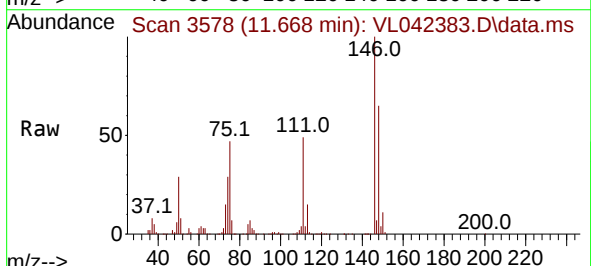
RT: 11.668 min Scan# 3578

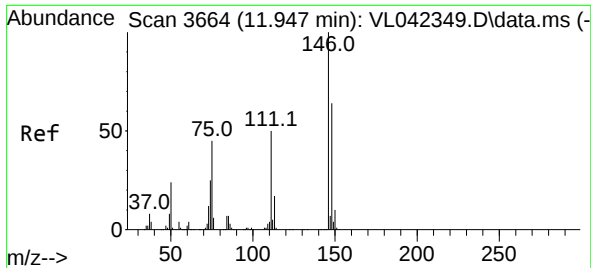
Delta R.T. -0.003 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

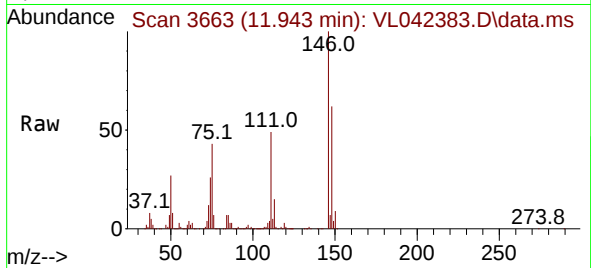
Tgt Ion:	146	Resp:	340293
Ion Ratio	Lower	Upper	
146	100		
111	47.1	24.2	72.6
148	64.7	32.1	96.5





#77
1,2-Dichlorobenzene
Concen: 8.751 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23

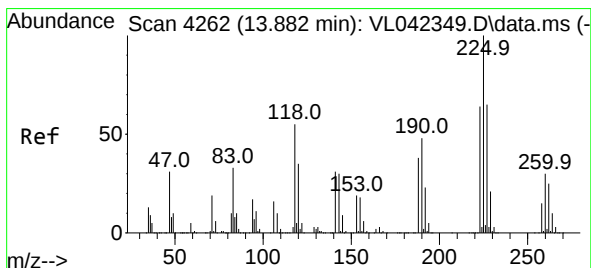
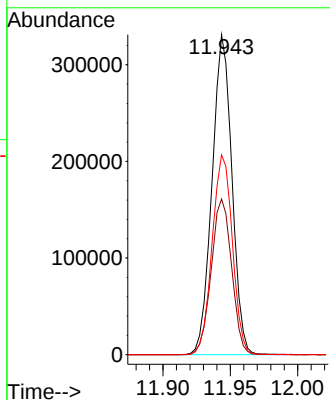
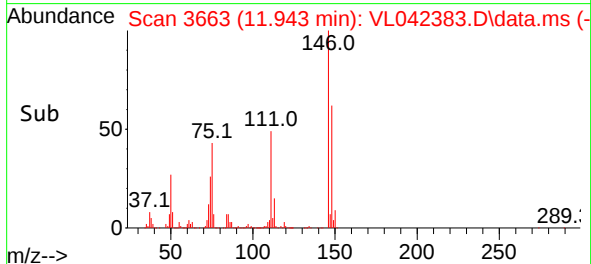
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



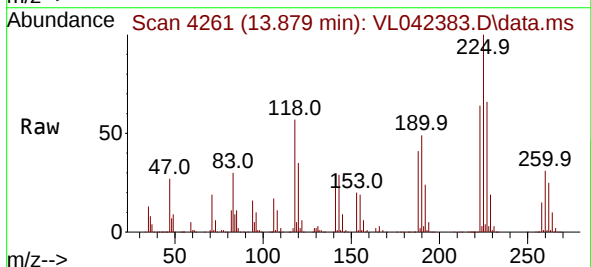
Tgt Ion:146 Resp: 33982
Ion Ratio Lower Upper
146 100
111 50.0 25.3 75.9
148 63.7 31.5 94.5

Manual Integrations
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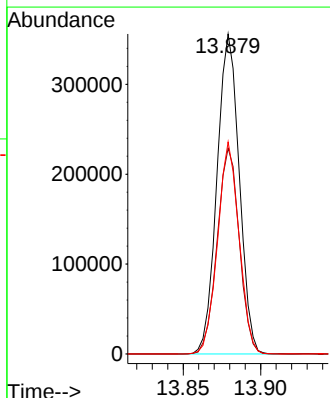
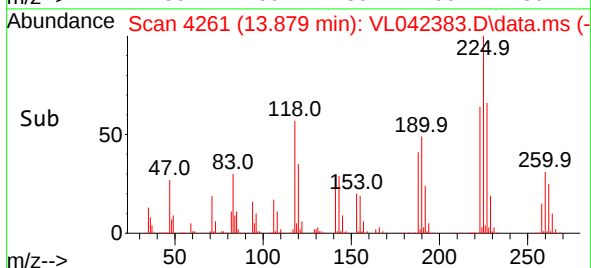
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

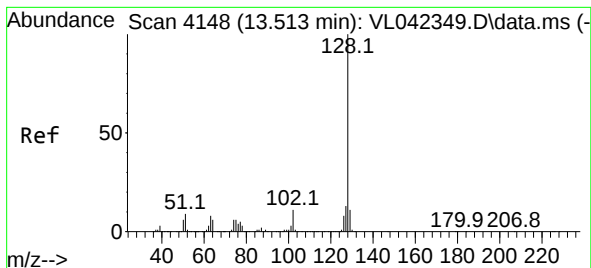


#78
Hexachloro-1,3-Butadiene
Concen: 9.061 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.003 min
Lab File: VL042383.D
Acq: 18 Apr 2025 10:23



Tgt Ion:225 Resp: 355324
Ion Ratio Lower Upper
225 100
223 63.8 50.3 75.5
227 63.9 51.5 77.3





#79

Naphthalene

Concen: 7.884 ppbv

RT: 13.510 min Scan# 4148

Delta R.T. -0.003 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

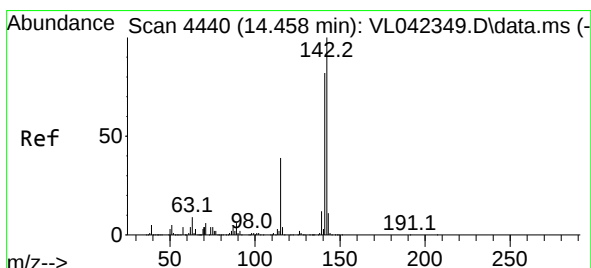
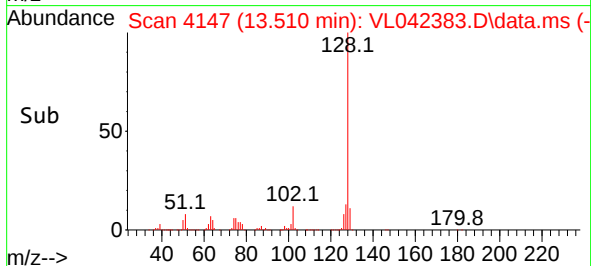
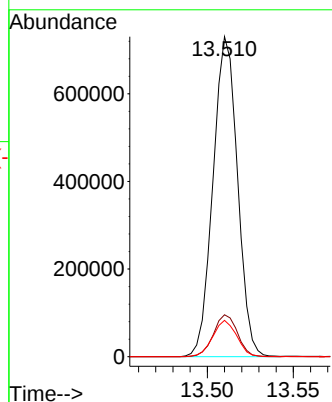
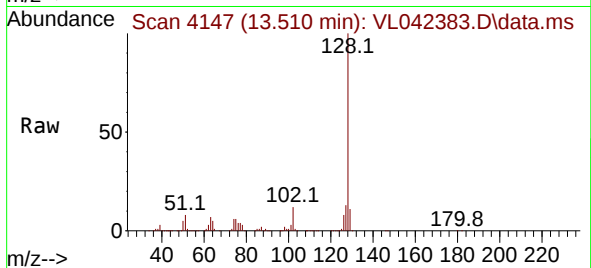
VSTDCCC010

Tgt Ion:	128	Resp:	72436
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.3	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80

Naphthalene,2-methyl-

Concen: 7.566 ppbv

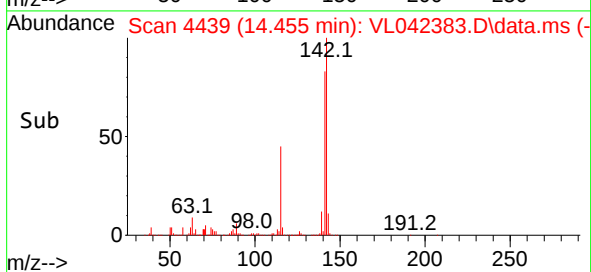
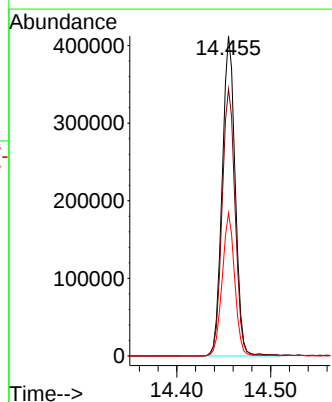
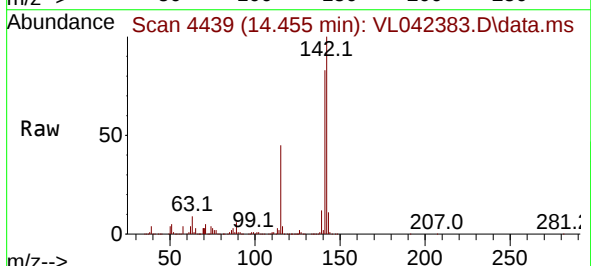
RT: 14.455 min Scan# 4439

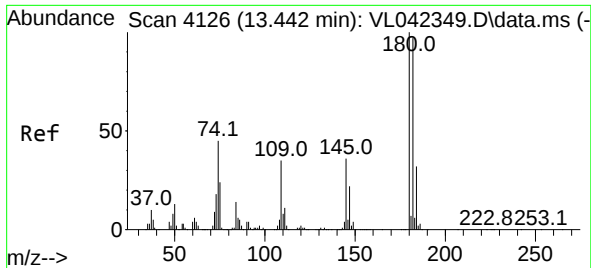
Delta R.T. -0.003 min

Lab File: VL042383.D

Acq: 18 Apr 2025 10:23

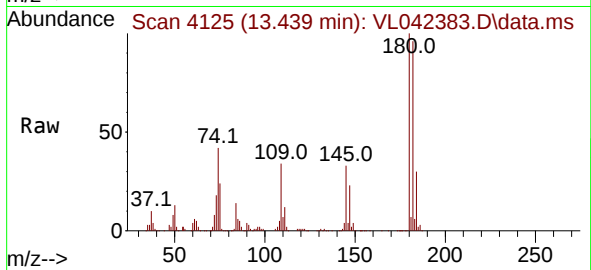
Tgt Ion:	142	Resp:	396207
Ion Ratio	Lower	Upper	
142	100		
141	84.8	66.8	100.2
115	43.4	33.4	50.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.737 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042383.D
 Acq: 18 Apr 2025 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 344709
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.8 115.2
 184 30.4 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

