

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041979.D
 Acq On : 10 Feb 2025 10:08
 Operator : SY/MD
 Sample : VL0210ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:19:16 2025

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	152077	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.952	114	414040	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.875	117	360498	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 272541 9.598 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.495	85	204571	9.876	ppbv	100
3) Chlorodifluoromethane	1.473	51	238144	10.974	ppbv	98
4) Chloromethane	1.531	50	86569	11.112	ppbv	100
5) Vinyl Chloride	1.576	62	84116	10.660	ppbv	98
6) Bromomethane	1.664	94	37729	10.032	ppbv	99
7) Chloroethane	1.703	64	32459	10.572	ppbv	100
8) Dichlorotetrafluoroethane	1.550	85	184185	10.174	ppbv	97
9) Propene	1.482	41	98077	10.971	ppbv	100
10) Heptane	4.972	43	273994	11.467	ppbv	99
11) Trichlorofluoromethane	1.874	101	206694	9.592	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.136	101	172146	10.193	ppbv	98
13) Ethanol	1.719	45	4272	6.524	ppbv	98
14) Bromoethene	1.777	108	58841	9.516	ppbv	98
15) Acetone	1.832	43	175207	9.592	ppbv	99
16) 1,3-Butadiene	1.605	39	86883	10.598	ppbv	97
17) tert-Butyl alcohol	2.036	59	198158	8.815	ppbv	98
18) 1,1-Dichloroethene	2.029	96	72213	9.487	ppbv	98
19) Isopropyl Alcohol	1.884	45	98535	9.098	ppbv	91
20) Methylene Chloride	2.059	84	62784	8.698	ppbv	96
21) Allyl Chloride	2.091	41	130301	10.302	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	87917	10.234	ppbv	100
23) Vinyl Acetate	2.460	43	99099	10.945	ppbv #	95
24) 1,1-Dichloroethane	2.405	63	171646	10.330	ppbv	98
25) Ethyl Acetate	2.832	43	559898	11.367	ppbv	100
26) Hexane	2.819	57	217226	11.151	ppbv	95
27) Carbon Disulfide	2.146	76	207662	10.772	ppbv	97
28) Methyl tert-Butyl Ether	2.437	73	119227	8.007	ppbv	99
29) Chloroform	2.845	83	329549	10.702	ppbv	97
30) Cyclohexane	3.848	84	179649	10.632	ppbv	98
31) cis-1,2-Dichloroethene	2.716	61	206778	10.081	ppbv	95
32) 1,1,1-Trichloroethane	3.363	97	306280	10.394	ppbv	98
34) 2-Butanone	2.554	43	318901	12.111	ppbv	98
35) Carbon Tetrachloride	3.755	117	317170	12.195	ppbv	97
36) Benzene	3.651	78	443760	11.686	ppbv	99
37) 1,2-Dichloroethane	3.214	62	237171	11.120	ppbv	99
38) Trichloroethene	4.541	130	171308	11.368	ppbv	97
39) 1,2-Dichloropropane	4.305	63	156515	11.750	ppbv	98
40) 1,4-Dioxane	4.577	88	73021	10.855	ppbv #	95
41) Tetrahydrofuran	3.052	42	178745	12.491	ppbv	96
42) Bromodichloromethane	4.480	83	335631	11.737	ppbv	95
43) Methyl Methacrylate	4.874	69	158914	11.265	ppbv	99
44) 2,2,4-Trimethylpentane	4.632	57	749666	12.205	ppbv	99
45) t-1,3-Dichloropropene	6.405	75	144871	10.971	ppbv	98

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

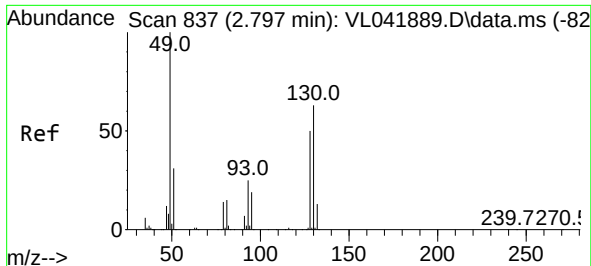
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

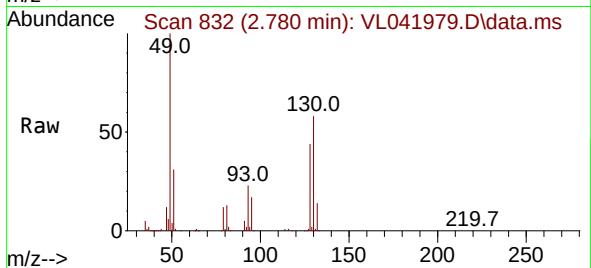
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	195860	11.297	ppbv	98
47) 1,1,2-Trichloroethane	6.570	97	172374	12.209	ppbv	96
48) Dibromochloromethane	7.380	129	265141	12.172	ppbv	100
49) Bromoform	9.477	173	222557	12.438	ppbv	99
50) 4-Methyl-2-Pentanone	5.745	43	428455	11.920	ppbv	99
51) 2-Hexanone	7.431	43	329889	11.944	ppbv #	96
52) Tetrachloroethene	8.215	164	140409	10.663	ppbv	96
53) Toluene	6.923	91	480878	11.625	ppbv	99
54) 1,2-Dibromoethane	7.645	107	229236	11.811	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.917	131	220416	12.255	ppbv	99
57) Chlorobenzene	8.917	112	393754	11.841	ppbv	95
58) Ethyl Benzene	9.347	91	662182	11.754	ppbv	98
59) m/p-Xylene	9.545	91	1098746m	24.331	ppbv	
60) o-Xylene	9.959	91	547895	12.223	ppbv	97
61) Styrene	9.865	104	239385	11.905	ppbv	98
62) Isopropylbenzene	10.535	105	820806	11.834	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.956	83	366346	12.790	ppbv	99
64) n-propylbenzene	10.985	120	216727	12.366	ppbv	97
65) tert-Butylbenzene	11.529	119	752174	11.900	ppbv	99
66) Benzyl Chloride	11.613	91	42944	10.977	ppbv	100
67) sec-Butylbenzene	11.765	105	1052687	12.095	ppbv	100
69) p-Isopropyltoluene	11.924	119	859591	11.994	ppbv	99
70) n-Butylbenzene	12.277	91	843880	11.872	ppbv	100
71) 2-Chlorotoluene	10.895	91	603809	11.769	ppbv	98
72) 4-Ethyltoluene	11.121	105	657858	12.270	ppbv	100
73) 1,3,5-Trimethylbenzene	11.199	105	561685	11.863	ppbv	95
74) 1,2,4-Trimethylbenzene	11.532	105	624557	12.180	ppbv	97
75) 1,3-Dichlorobenzene	11.603	146	363224	11.954	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	354840	11.936	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	363176	12.060	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	247369	10.008	ppbv	99
79) Naphthalene	13.510	128	548662	10.627	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	159849	6.530	ppbv	97
81) 1,2,4-Trichlorobenzene	13.439	180	245181	9.729	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. -0.017 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

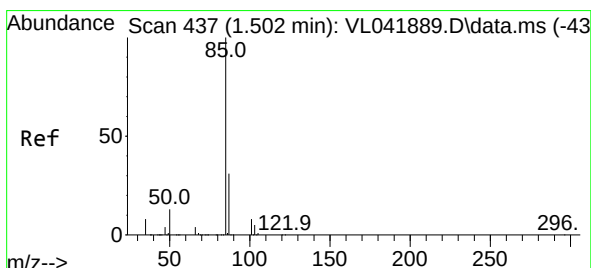
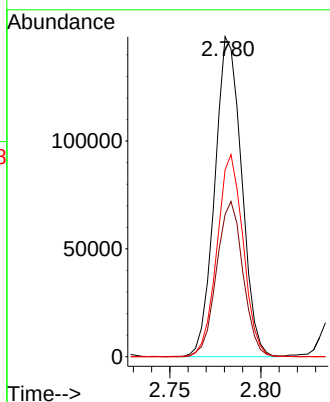
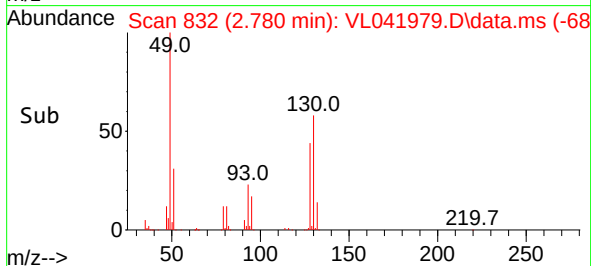
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



Tgt Ion: 49 Resp: 15207
Ion Ratio Lower Upper
49 100
128 47.8 24.3 73.0
130 61.5 31.1 93.2

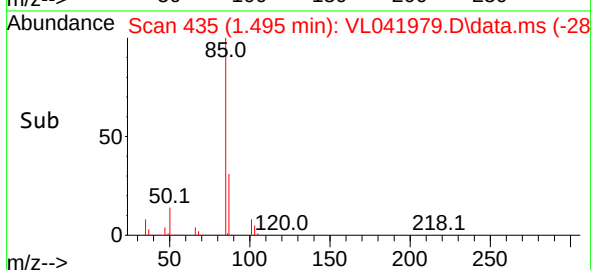
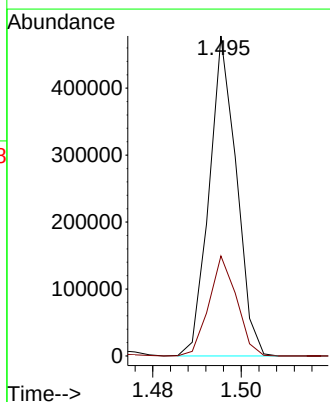
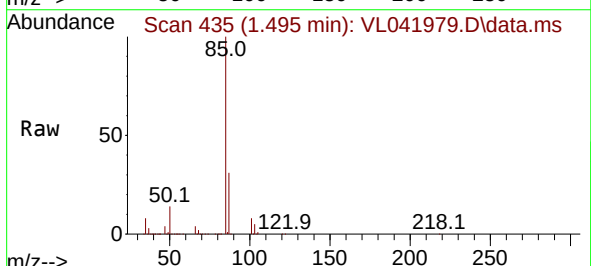
Manual Integrations
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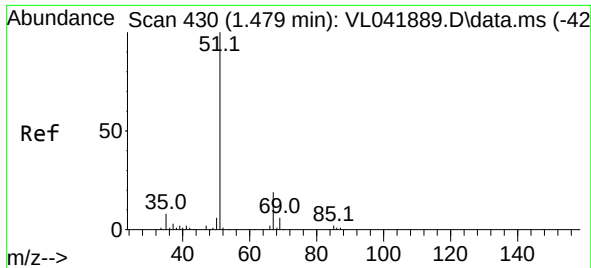
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#2
Dichlorodifluoromethane
Concen: 9.876 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Tgt Ion: 85 Resp: 204571
Ion Ratio Lower Upper
85 100
87 31.2 24.9 37.3





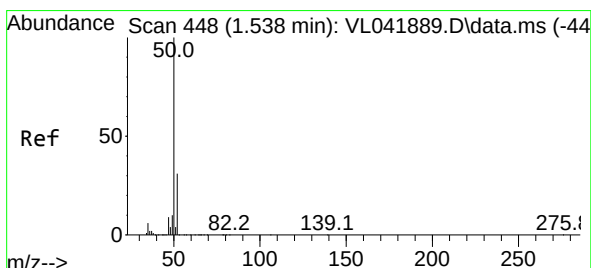
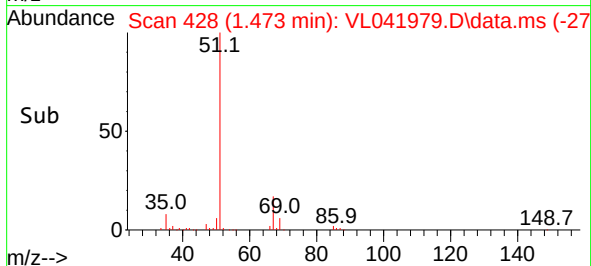
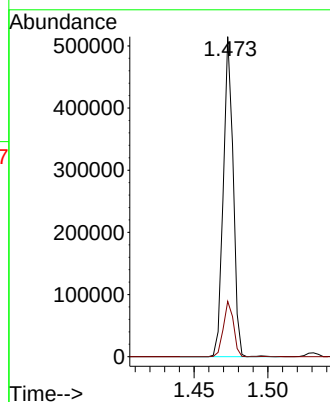
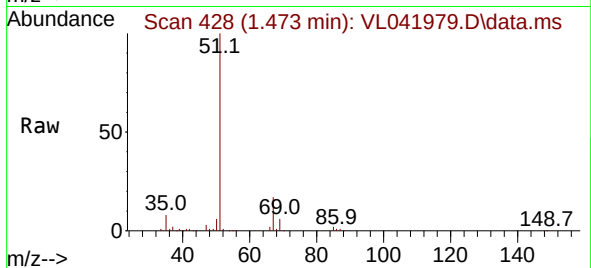
#3
Chlorodifluoromethane
Concen: 10.974 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01

Tgt Ion: 51 Resp: 238144
Ion Ratio Lower Upper
51 100
67 17.9 15.0 22.4

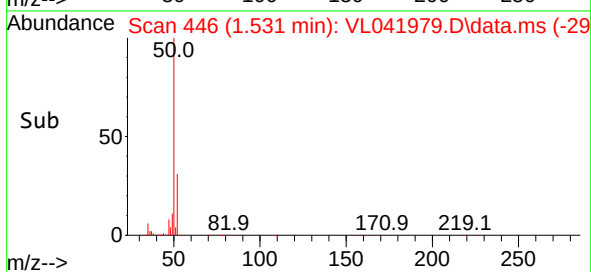
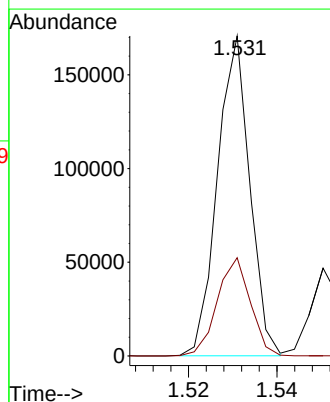
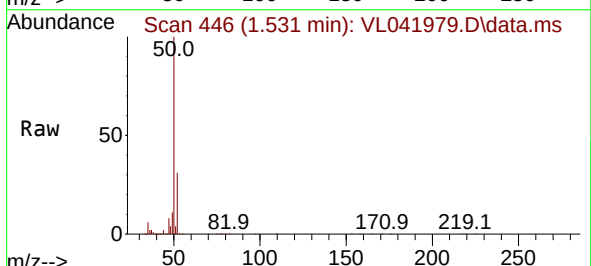
Manual Integrations
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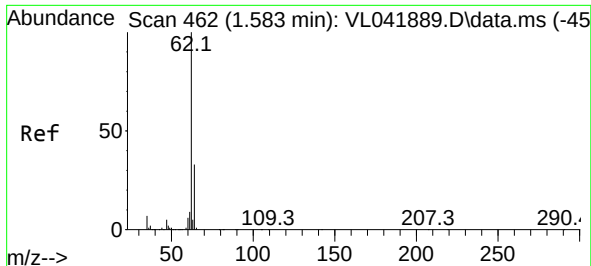
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Chloromethane
Concen: 11.112 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

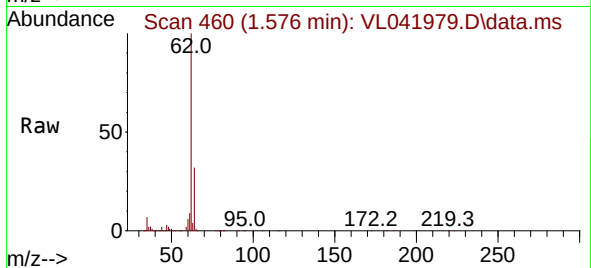
Tgt Ion: 50 Resp: 86569
Ion Ratio Lower Upper
50 100
52 30.6 24.6 36.8





#5
 Vinyl Chloride
 Concen: 10.660 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.007 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

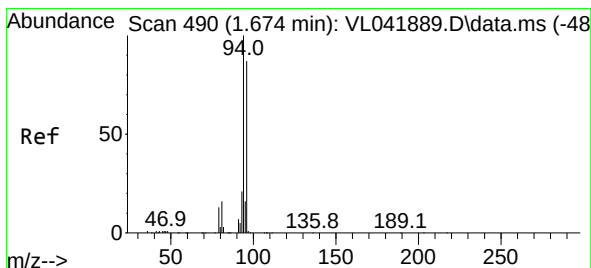
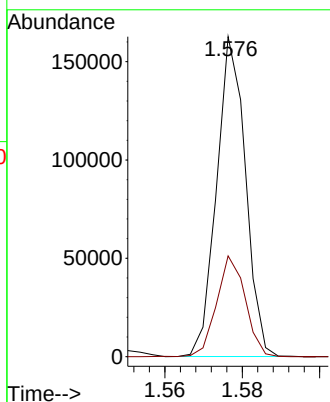
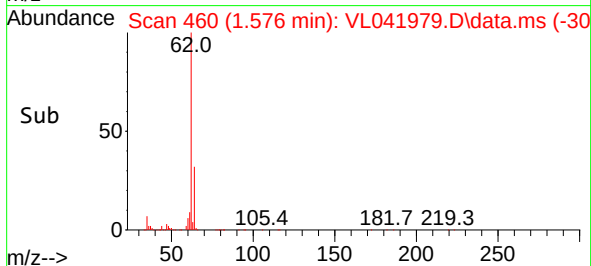
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABS01



Tgt Ion: 62 Resp: 84110
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.1 39.1

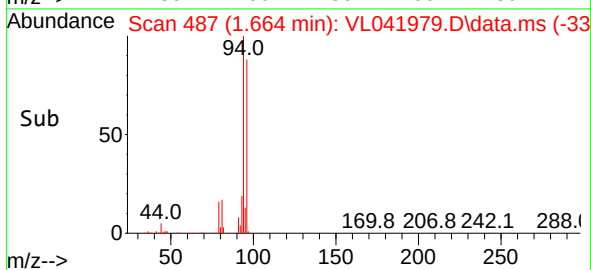
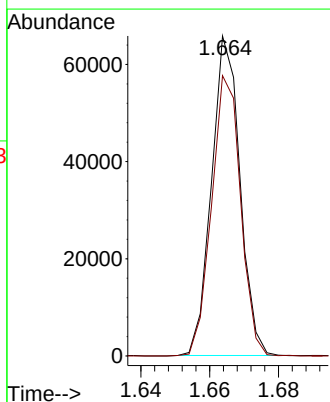
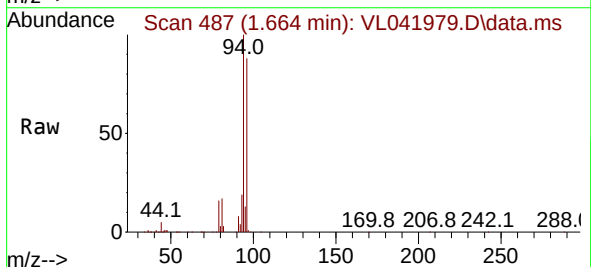
Manual Integrations
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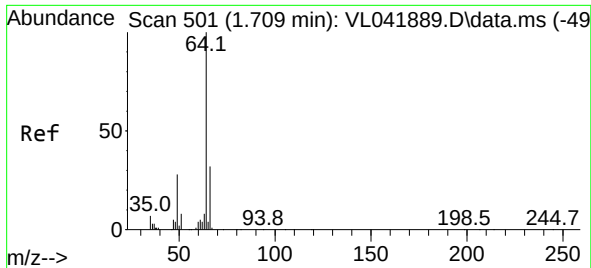
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#6
 Bromomethane
 Concen: 10.032 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.010 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

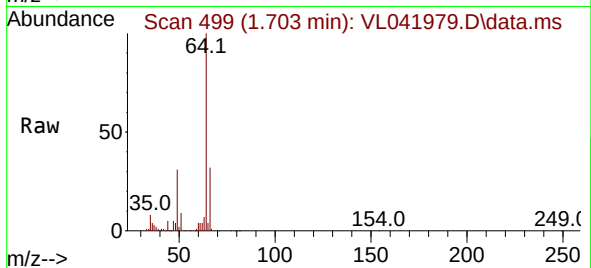
Tgt Ion: 94 Resp: 37729
 Ion Ratio Lower Upper
 94 100
 96 87.6 69.5 104.3





#7
Chloroethane
Concen: 10.572 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

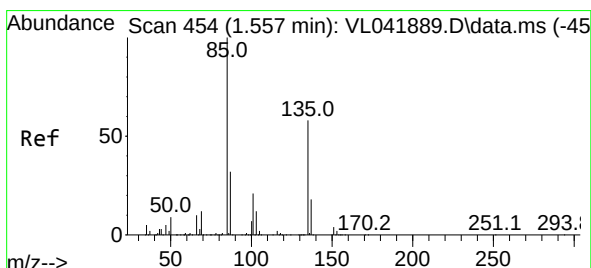
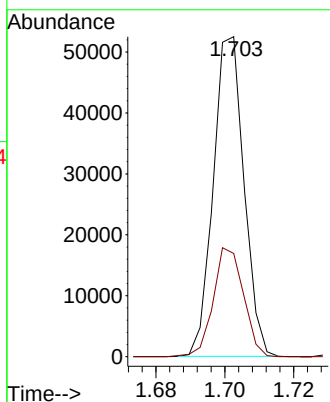
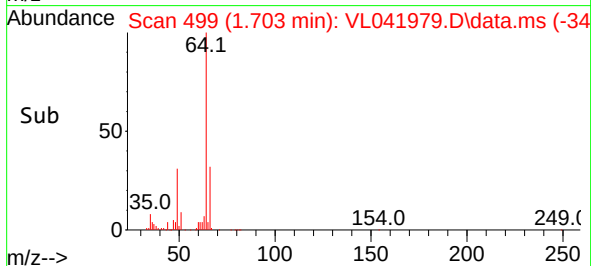
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



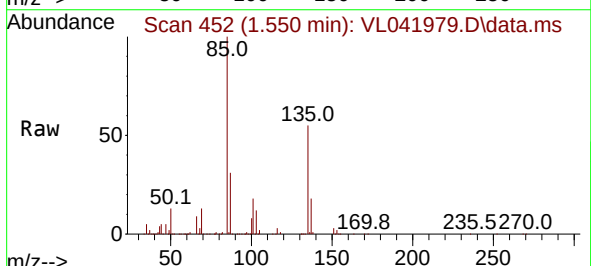
Tgt Ion: 64 Resp: 3245
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5

Manual Integrations
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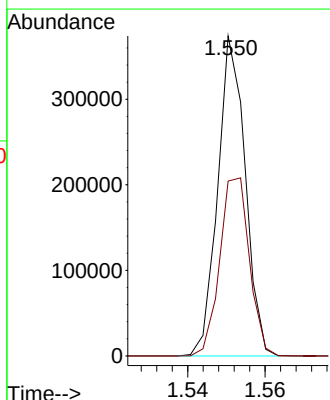
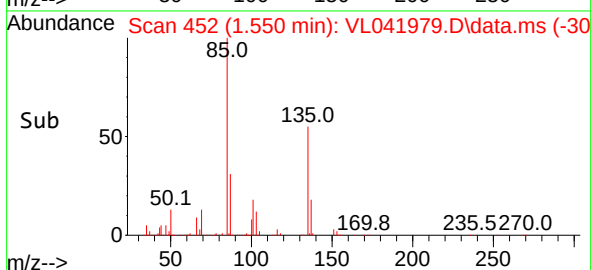
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

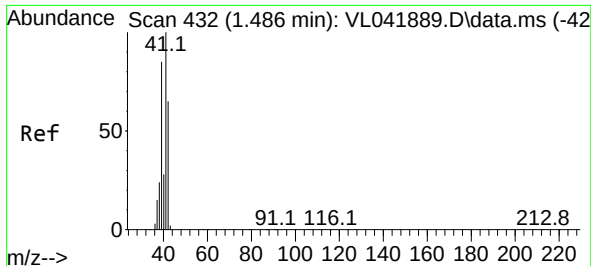


#8
Dichlorotetrafluoroethane
Concen: 10.174 ppbv
RT: 1.550 min Scan# 452
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



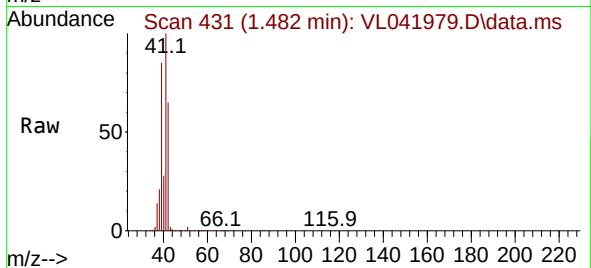
Tgt Ion: 85 Resp: 184185
Ion Ratio Lower Upper
85 100
135 60.3 50.0 75.0





#9
 Propene
 Concen: 10.971 ppbv
 RT: 1.482 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

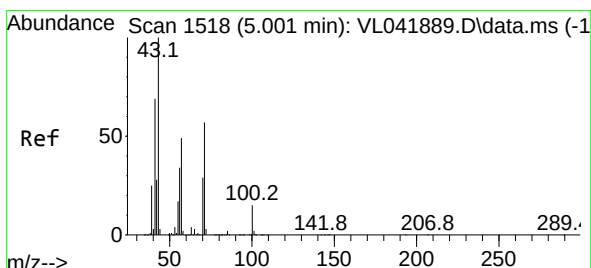
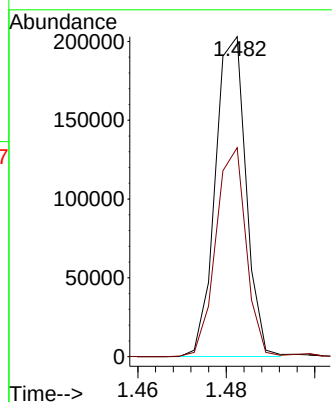
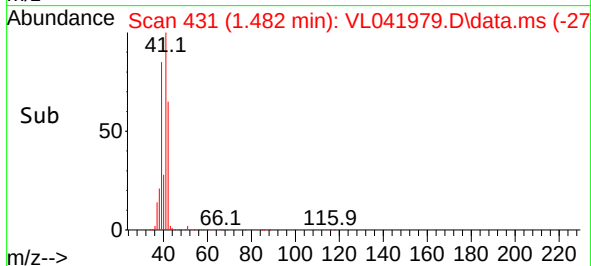
Instrument :
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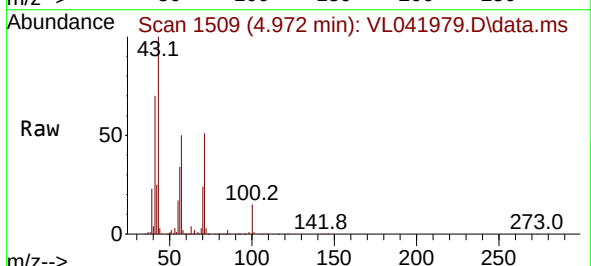
Tgt Ion: 41 Resp: 9807
 Ion Ratio Lower Upper
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 42 65.3 52.0 78.0

Manual Integrations
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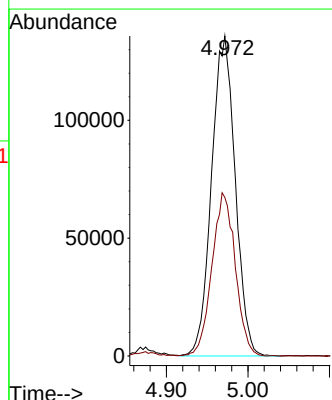
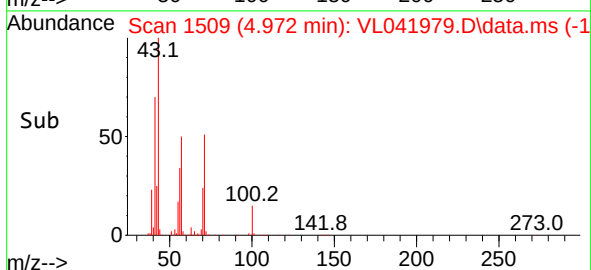
Reviewed By :Semsettin Yesilyurt 02/11/2025
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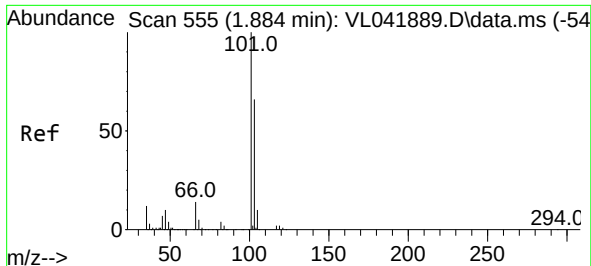


#10
 Heptane
 Concen: 11.467 ppbv
 RT: 4.972 min Scan# 1509
 Delta R.T. -0.029 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08



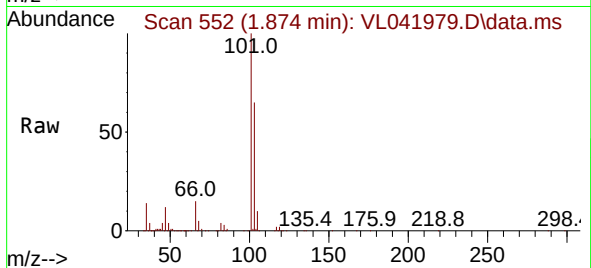
Tgt Ion: 43 Resp: 273994
 Ion Ratio Lower Upper
 43 100
 57 50.2 41.0 61.4





#11
 Trichlorofluoromethane
 Concen: 9.592 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

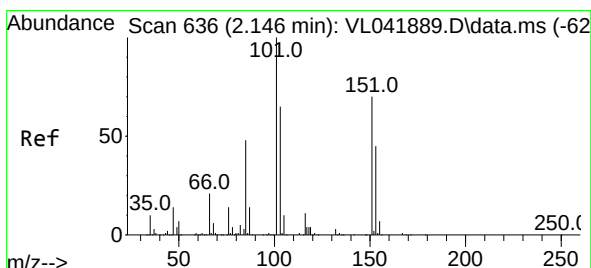
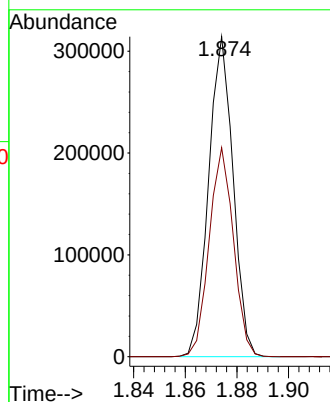
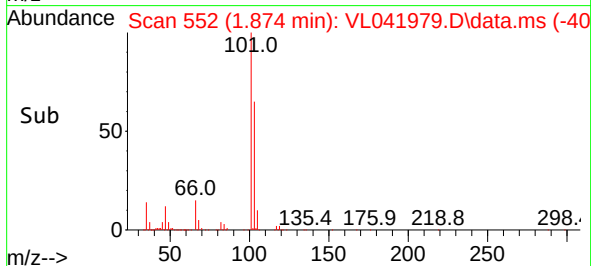
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABS01



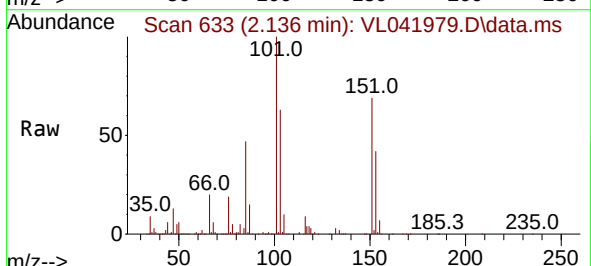
Tgt Ion:101 Resp: 206694
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.1 79.7

Manual Integrations
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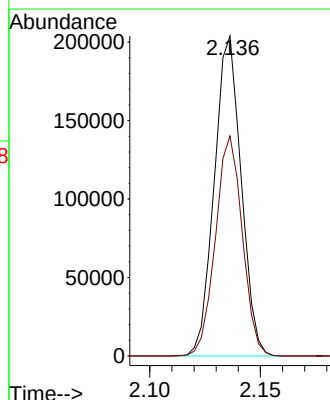
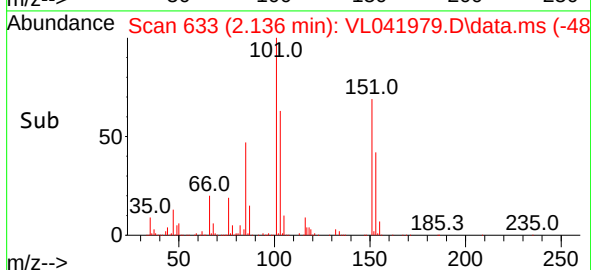
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

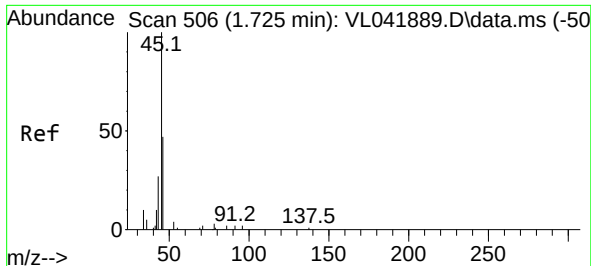


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.193 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.010 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08



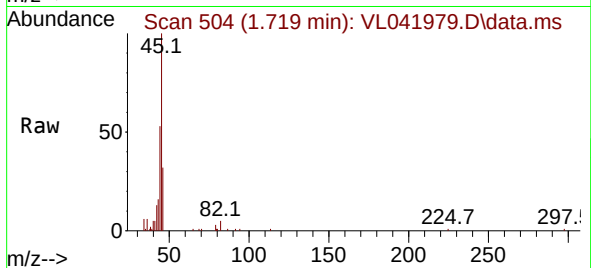
Tgt Ion:101 Resp: 172146
 Ion Ratio Lower Upper
 101 100
 151 68.7 56.1 84.1





#13
Ethanol
Concen: 6.524 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

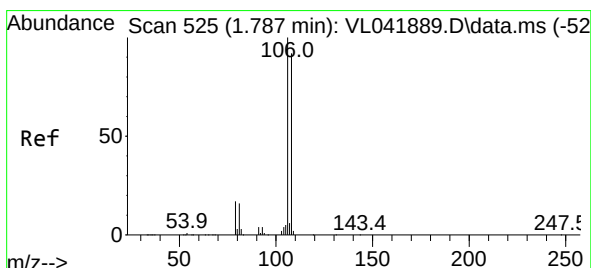
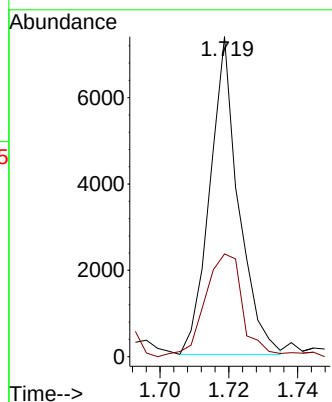
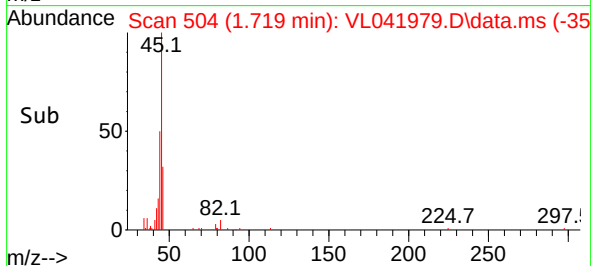
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



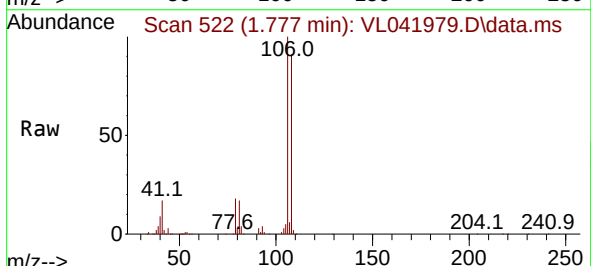
Tgt Ion: 45 Resp: 4272
Ion Ratio Lower Upper
45 100
46 46.9 18.1 72.5

Manual Integrations
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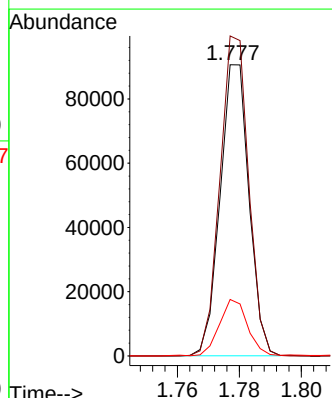
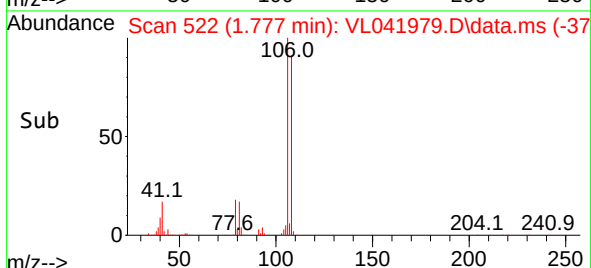
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

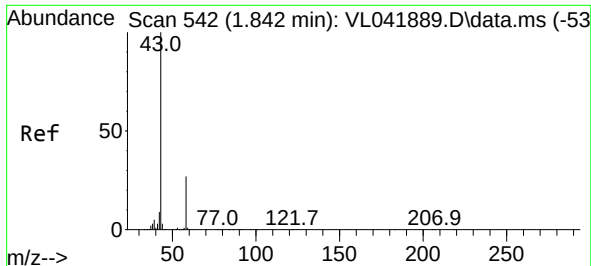


#14
Bromoethene
Concen: 9.516 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



Tgt Ion:108 Resp: 58841
Ion Ratio Lower Upper
108 100
106 109.0 85.5 128.3
79 19.5 15.3 22.9





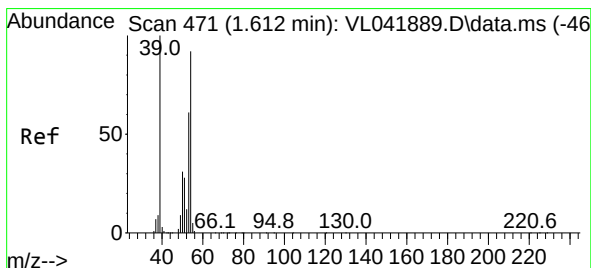
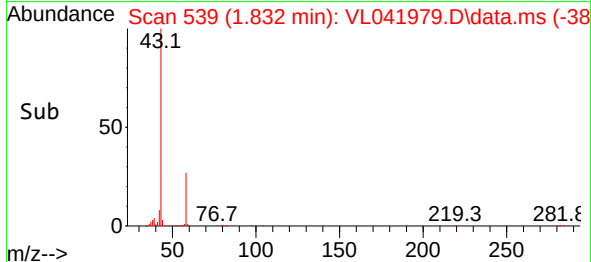
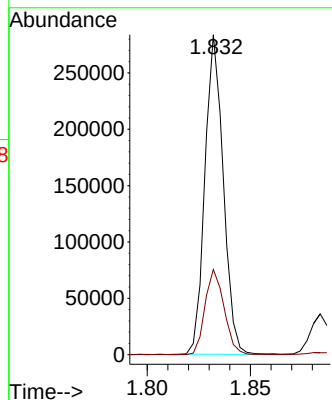
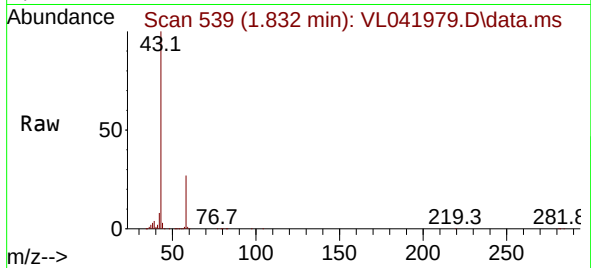
#15
Acetone
Concen: 9.592 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01

Tgt Ion: 43 Resp: 17520
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9

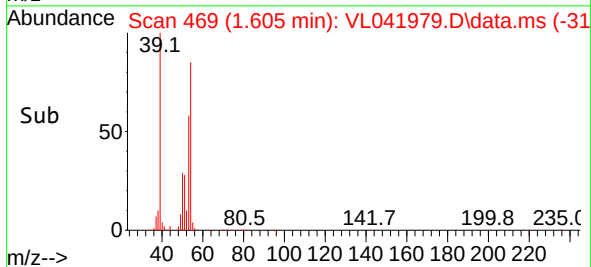
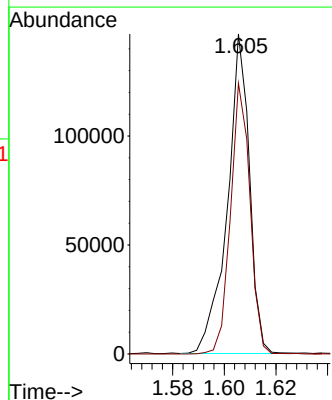
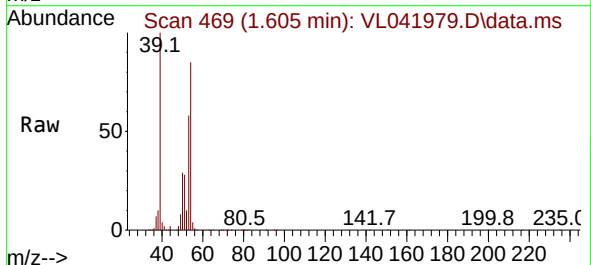
Manual Integrations
APPROVED

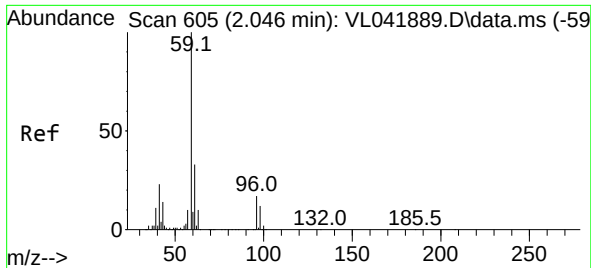
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
1,3-Butadiene
Concen: 10.598 ppbv
RT: 1.605 min Scan# 469
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Tgt Ion: 39 Resp: 86883
Ion Ratio Lower Upper
39 100
54 74.5 61.6 92.4





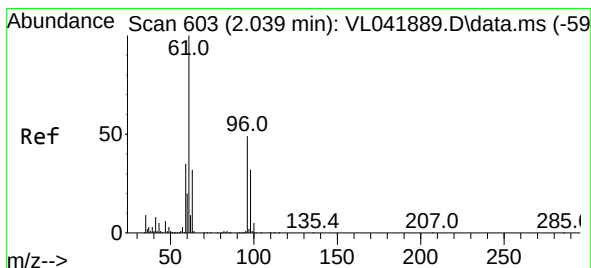
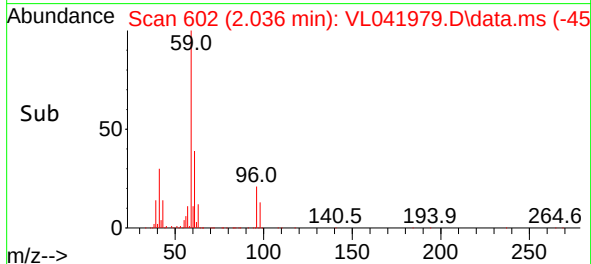
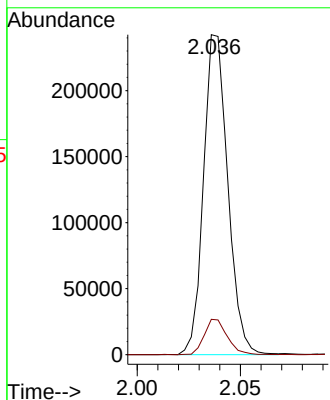
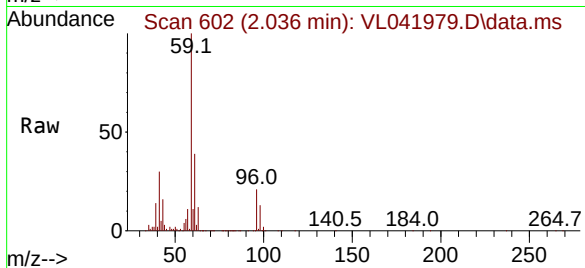
#17
tert-Butyl alcohol
Concen: 8.815 ppbv
RT: 2.036 min Scan# 605
Delta R.T. -0.010 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01

Tgt Ion: 59 Resp: 198158
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8

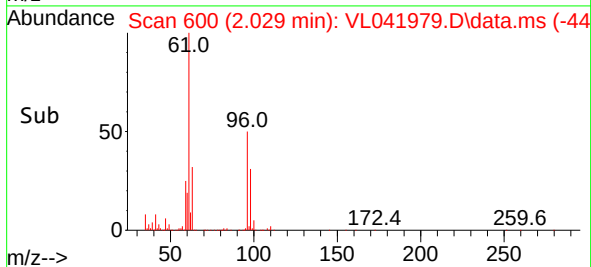
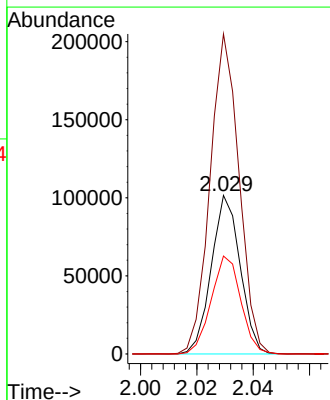
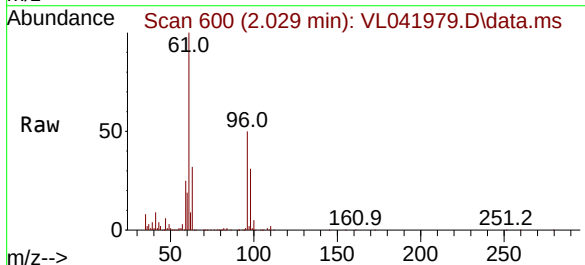
Manual Integrations
APPROVED

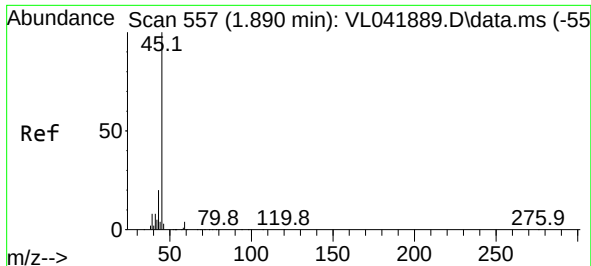
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
1,1-Dichloroethene
Concen: 9.487 ppbv
RT: 2.029 min Scan# 600
Delta R.T. -0.010 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

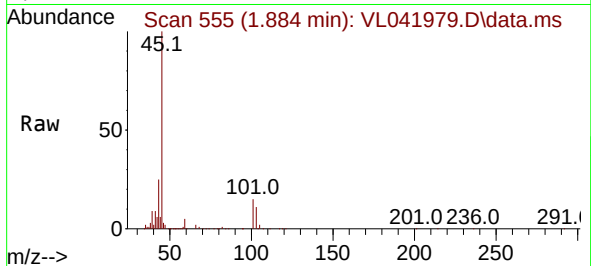
Tgt Ion: 96 Resp: 72213
Ion Ratio Lower Upper
96 100
61 201.6 163.1 244.7
98 61.8 52.7 79.1





#19
Isopropyl Alcohol
Concen: 9.098 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

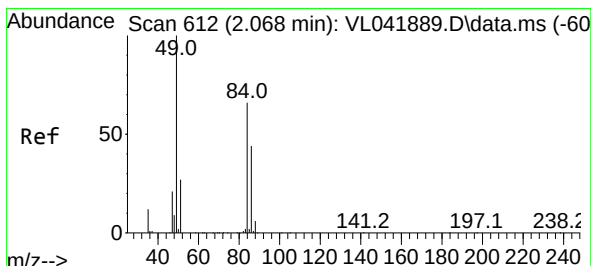
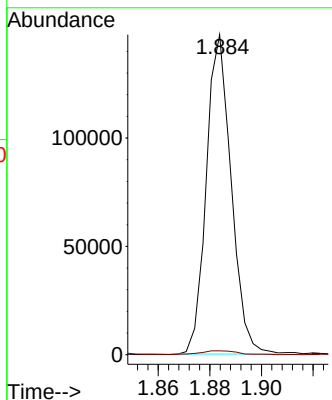
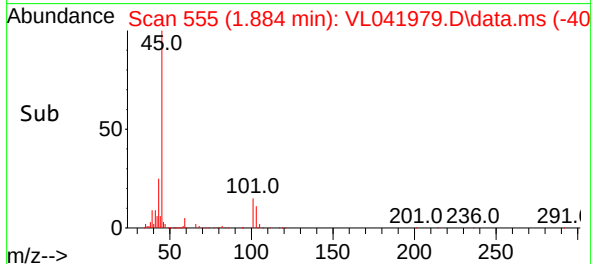
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



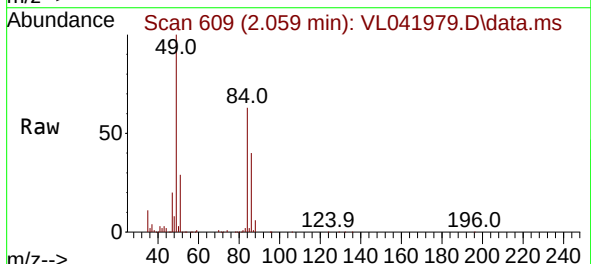
Tgt Ion: 45 Resp: 9853
Ion Ratio Lower Upper
45 100
58 49.5 35.0 52.6

Manual Integrations
APPROVED

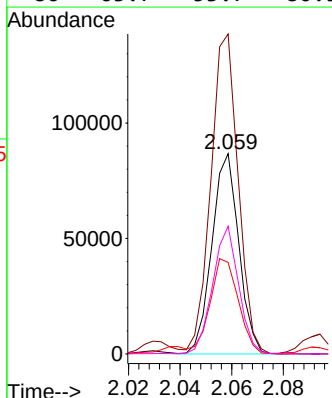
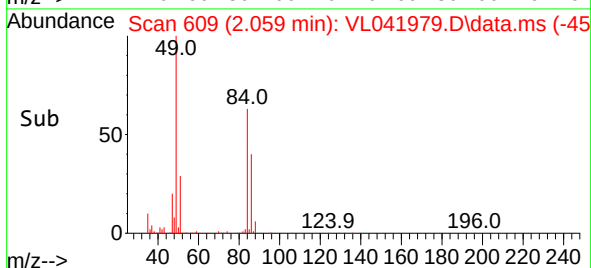
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

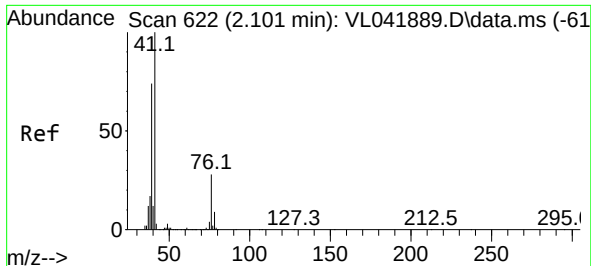


#20
Methylene Chloride
Concen: 8.698 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.010 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



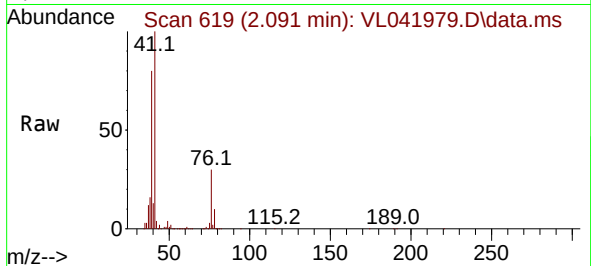
Tgt Ion: 84 Resp: 62784
Ion Ratio Lower Upper
84 100
49 159.3 123.1 184.7
51 45.6 35.8 53.8
86 63.7 53.7 80.5





#21
 Allyl Chloride
 Concen: 10.302 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.010 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

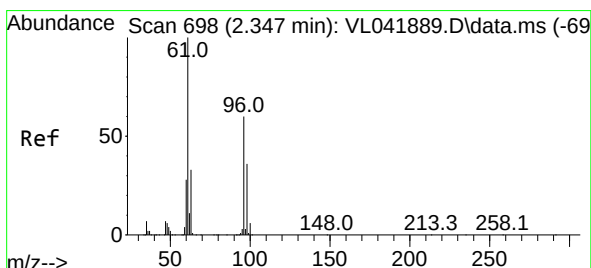
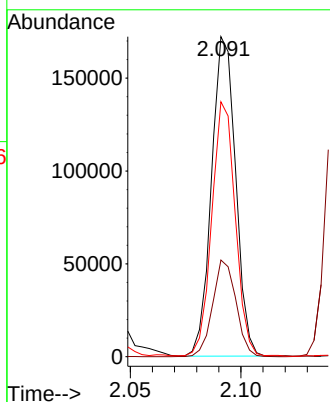
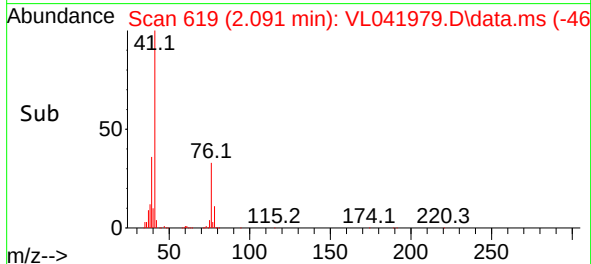
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABS01



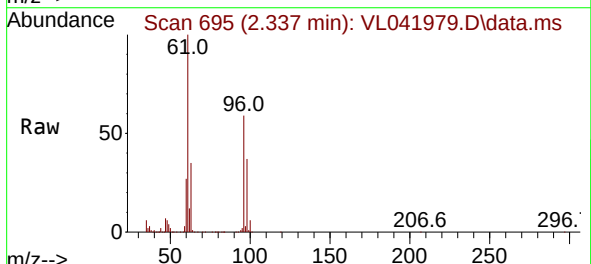
Tgt Ion: 41 Resp: 13030
 Ion Ratio Lower Upper
 41 100
 76 29.3 24.2 36.4
 39 77.5 60.6 91.0

Manual Integrations
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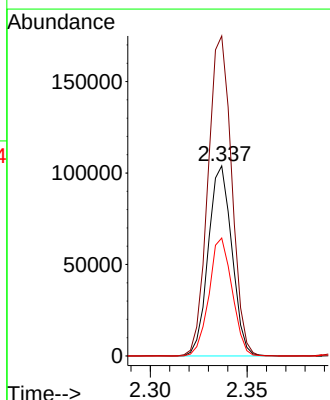
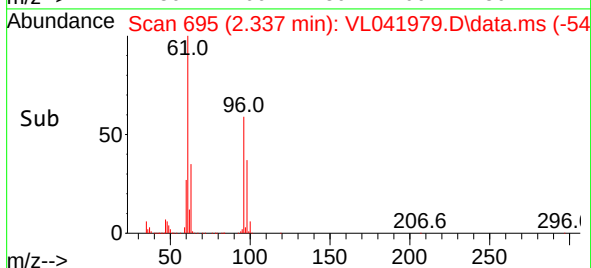
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

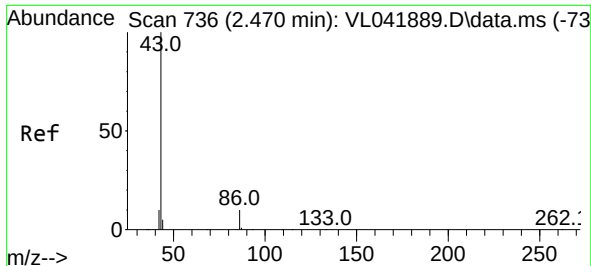


#22
 trans-1,2-Dichloroethene
 Concen: 10.234 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.010 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08



Tgt Ion: 96 Resp: 87917
 Ion Ratio Lower Upper
 96 100
 61 168.3 134.5 201.7
 98 62.0 48.9 73.3





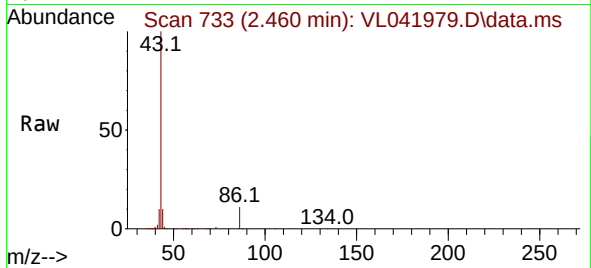
#23
 Vinyl Acetate
 Concen: 10.945 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.010 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

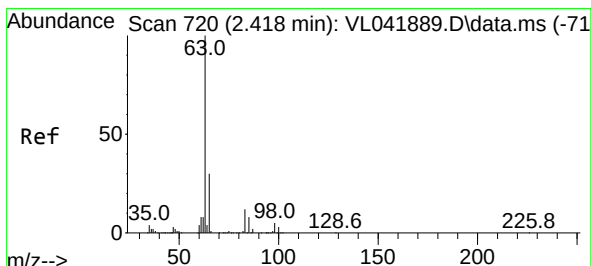
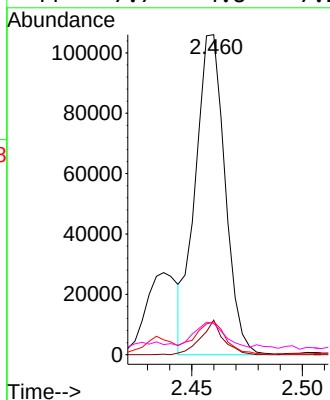
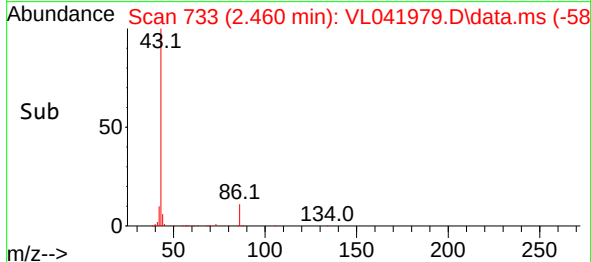


Tgt Ion: 43 Resp: 99099
 Ion Ratio Lower Upper
 43 100
 86 10.8 6.2 9.4
 42 9.9 8.5 12.7
 44 7.7 4.8 7.2

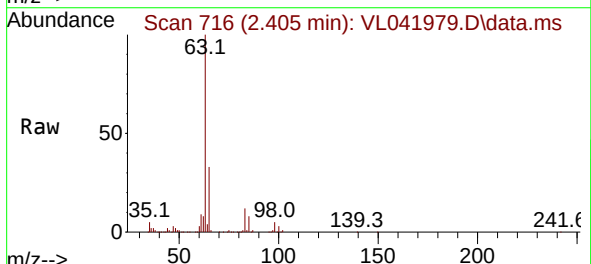
Manual Integrations

APPROVED

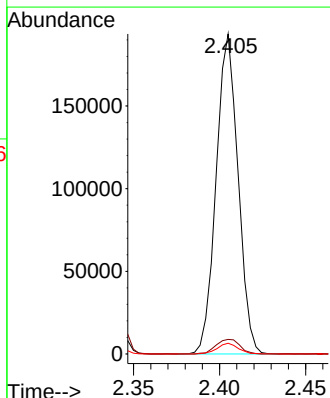
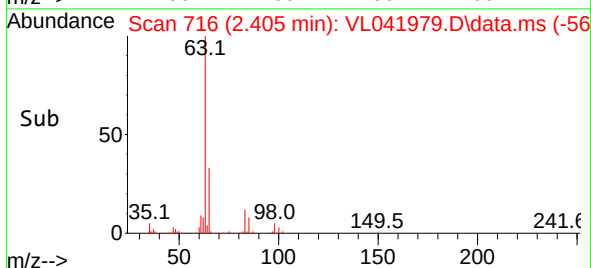
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

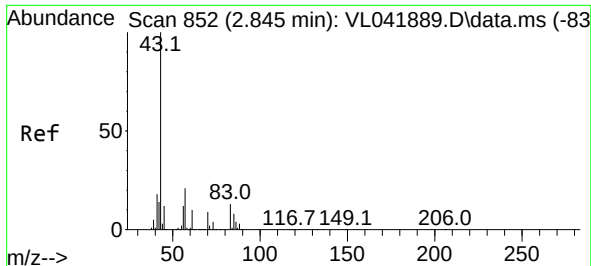


#24
 1,1-Dichloroethane
 Concen: 10.330 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.013 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08



Tgt Ion: 63 Resp: 171646
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.6 7.8
 100 3.4 1.4 4.2





#25

Ethyl Acetate

Concen: 11.367 ppbv

RT: 2.832 min Scan# 84

Delta R.T. -0.013 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

Tgt Ion: 43 Resp: 559898

Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.2

61 9.1 7.4 11.0

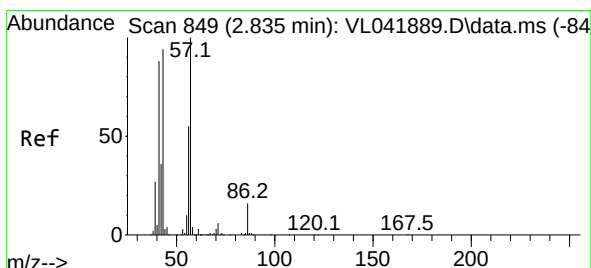
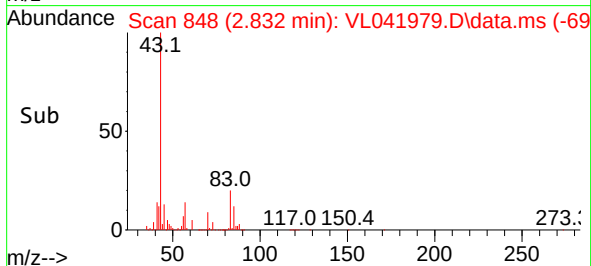
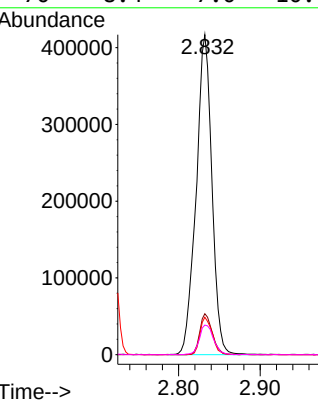
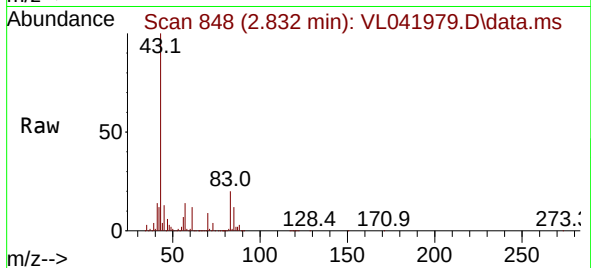
70 8.4 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#26

Hexane

Concen: 11.151 ppbv

RT: 2.819 min Scan# 844

Delta R.T. -0.016 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Tgt Ion: 57 Resp: 217226

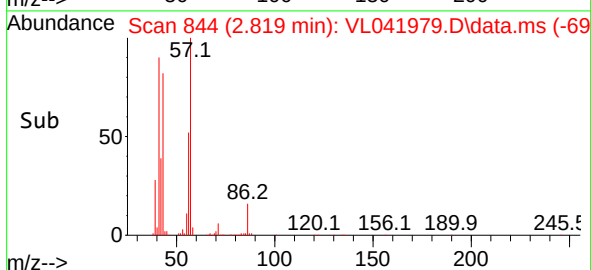
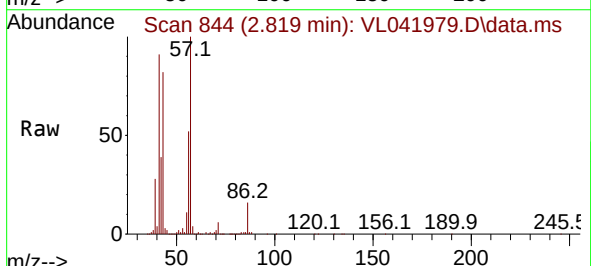
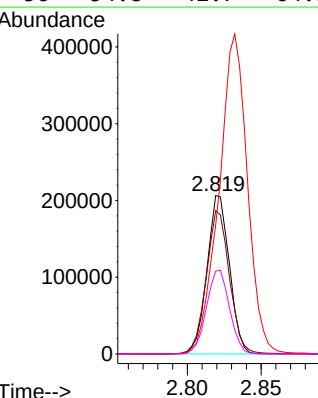
Ion Ratio Lower Upper

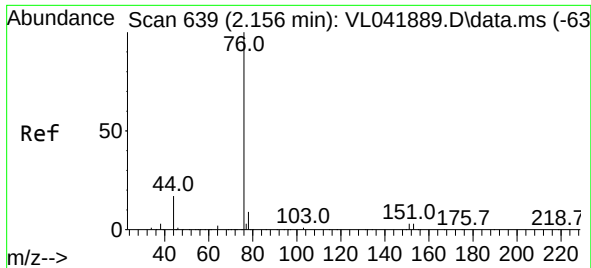
57 100

41 94.4 73.8 110.8

43 258.1 197.3 295.9

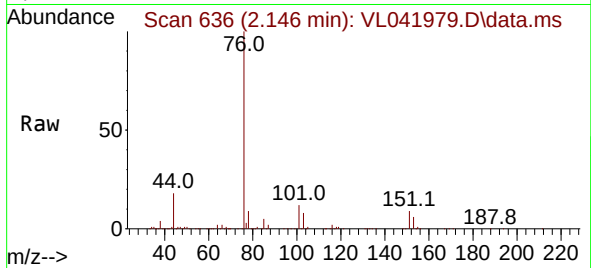
56 54.8 42.7 64.1





#27
Carbon Disulfide
Concen: 10.772 ppbv
RT: 2.146 min Scan# 610
Delta R.T. -0.010 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

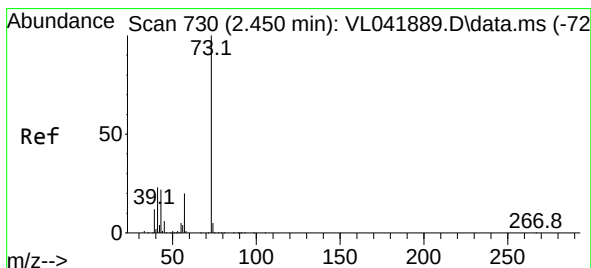
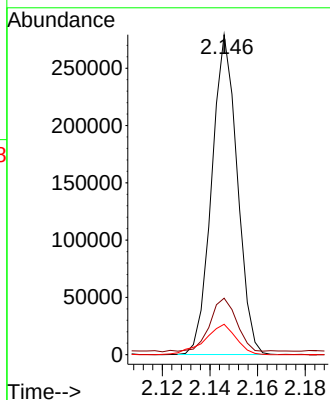
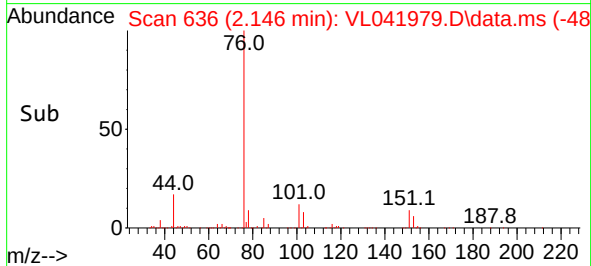
Instrument : MSVOA_L
ClientSampleId : VL0210ABS01



Tgt Ion: 76 Resp: 207662
Ion Ratio Lower Upper
76 100
44 17.0 15.4 23.0
78 11.7 9.3 13.9

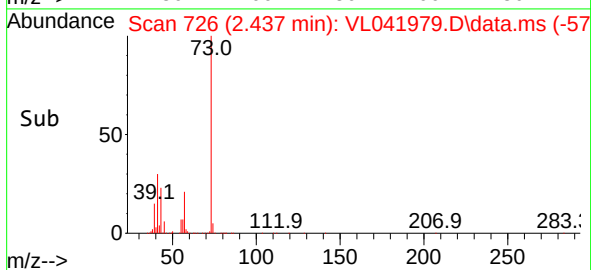
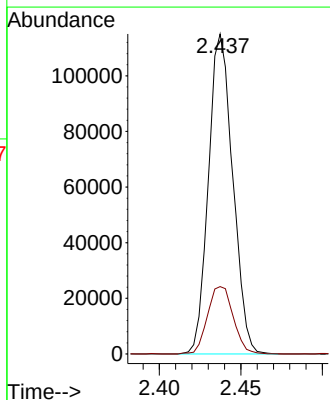
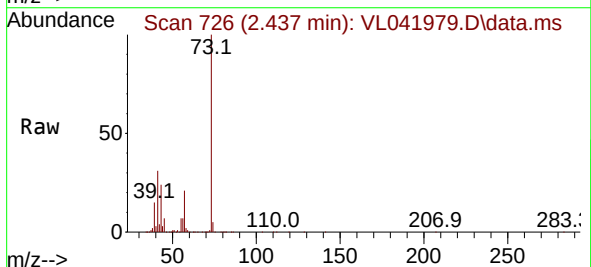
Manual Integrations
APPROVED

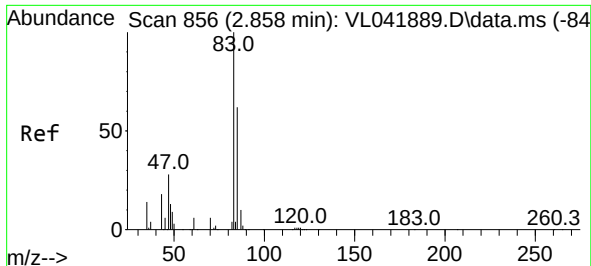
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#28
Methyl tert-Butyl Ether
Concen: 8.007 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Tgt Ion: 73 Resp: 119227
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1





#29

Chloroform

Concen: 10.702 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

Tgt Ion: 83 Resp: 329549

Ion Ratio Lower Upper

83 100

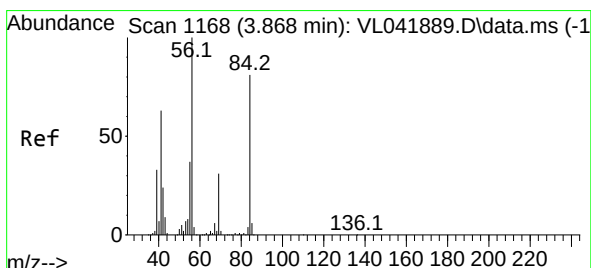
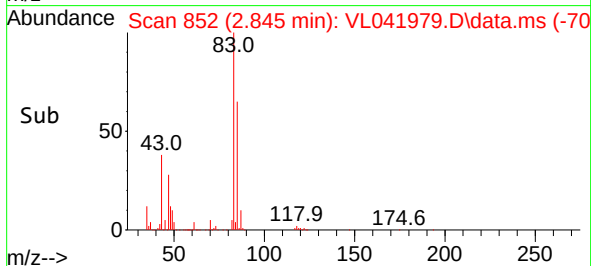
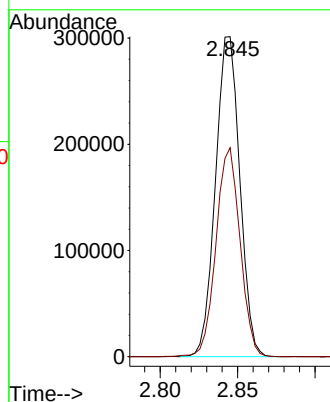
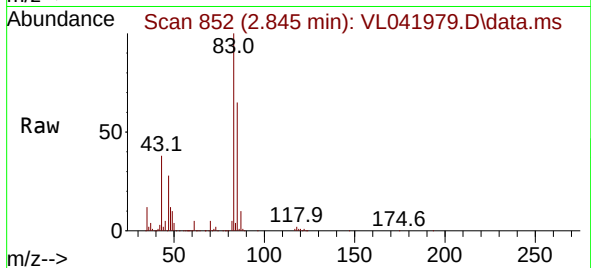
85 65.3 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Cyclohexane

Concen: 10.632 ppbv

RT: 3.848 min Scan# 1162

Delta R.T. -0.020 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

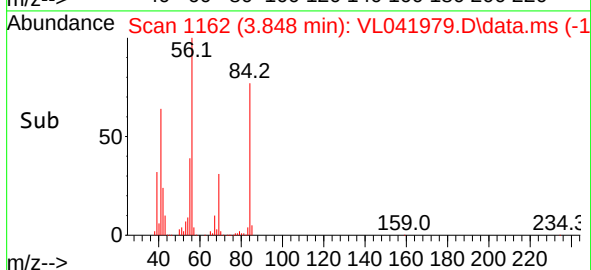
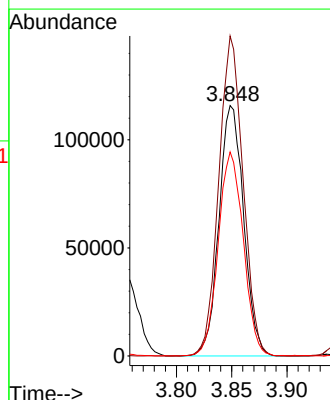
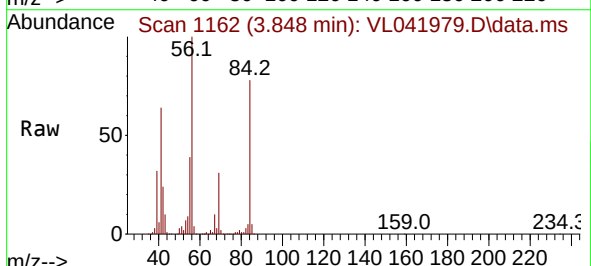
Tgt Ion: 84 Resp: 179649

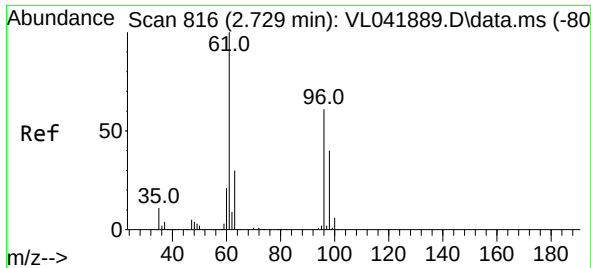
Ion Ratio Lower Upper

84 100

56 125.7 99.3 148.9

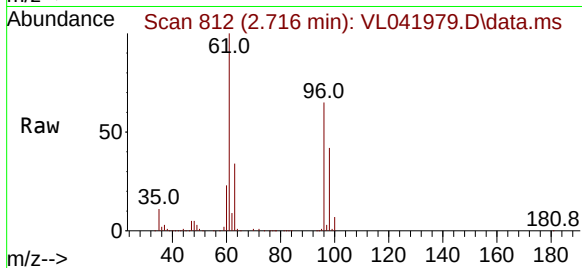
41 82.8 64.3 96.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.081 ppbv
 RT: 2.716 min Scan# 816
 Delta R.T. -0.013 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

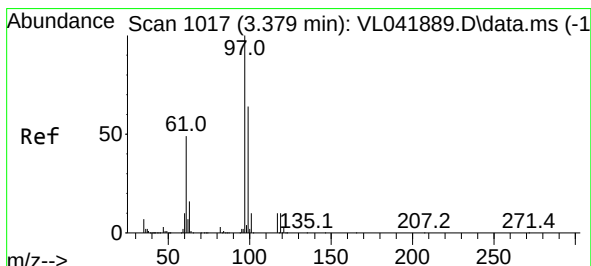
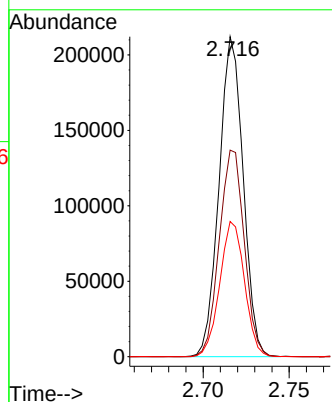
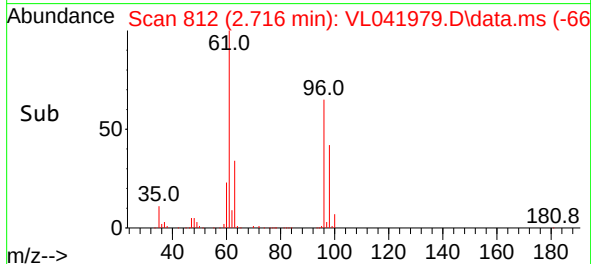
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABS01



Tgt Ion: 61 Resp: 206778
 Ion Ratio Lower Upper
 61 100
 96 64.6 48.7 73.1
 98 42.2 31.6 47.4

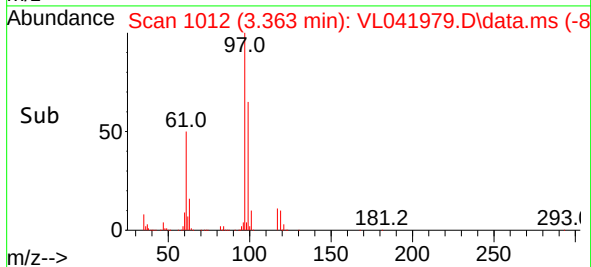
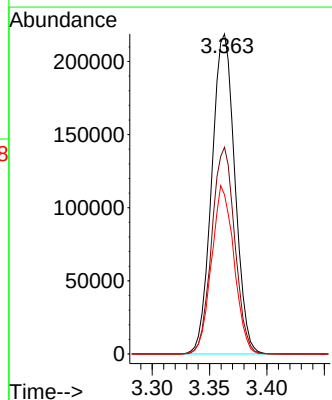
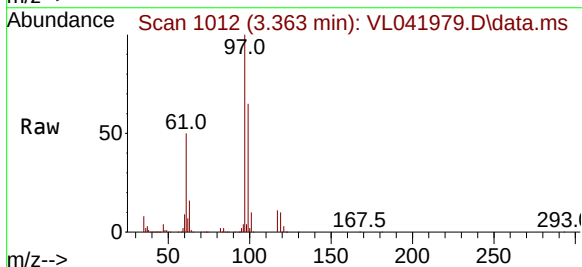
Manual Integrations
 APPROVED

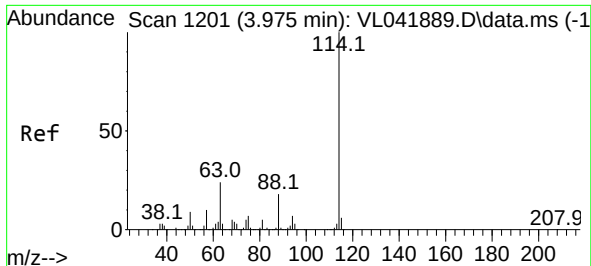
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#32
 1,1,1-Trichloroethane
 Concen: 10.394 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.016 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

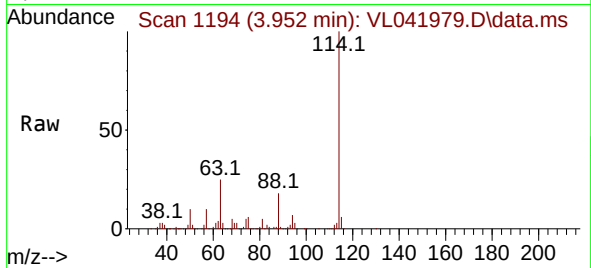
Tgt Ion: 97 Resp: 306280
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.1 76.7
 61 51.1 39.0 58.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1114
Delta R.T. -0.023 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

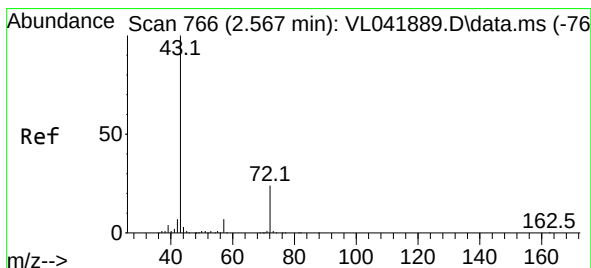
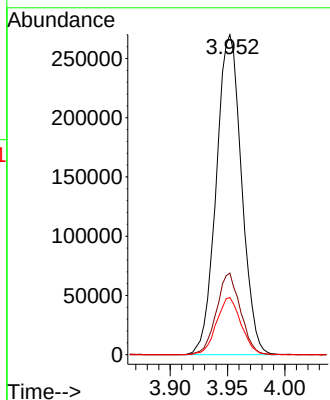
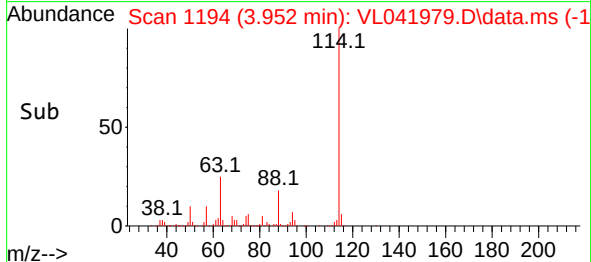
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



Tgt Ion:114 Resp: 414040
Ion Ratio Lower Upper
114 100
63 24.3 19.8 29.6
88 17.4 14.4 21.6

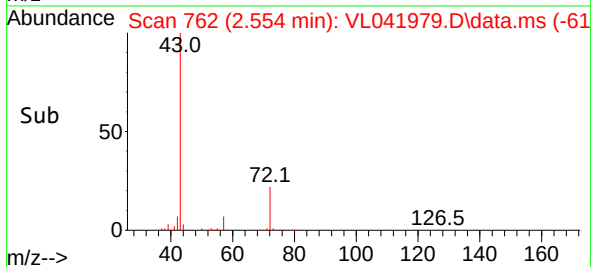
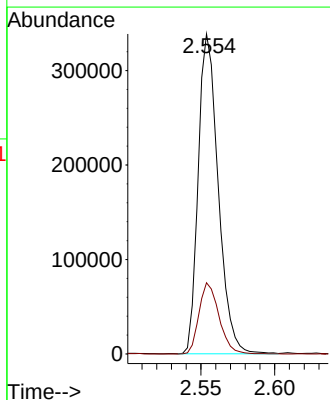
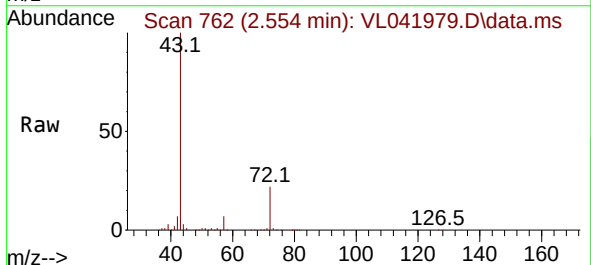
Manual Integrations
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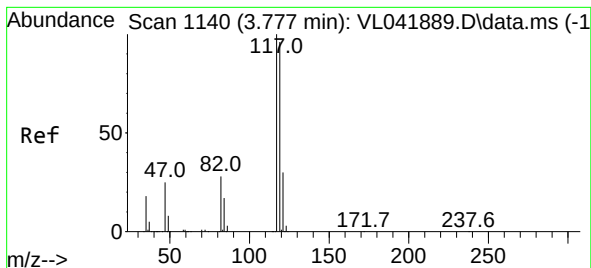
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#34
2-Butanone
Concen: 12.111 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.013 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Tgt Ion: 43 Resp: 318901
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0





#35

Carbon Tetrachloride

Concen: 12.195 ppbv

RT: 3.755 min Scan# 1140

Delta R.T. -0.023 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

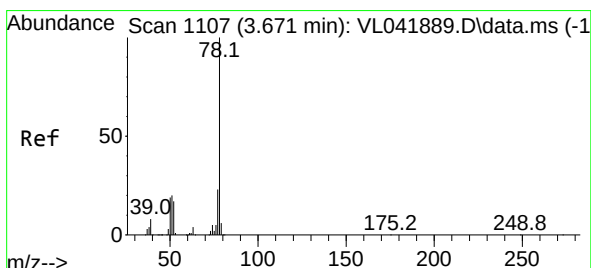
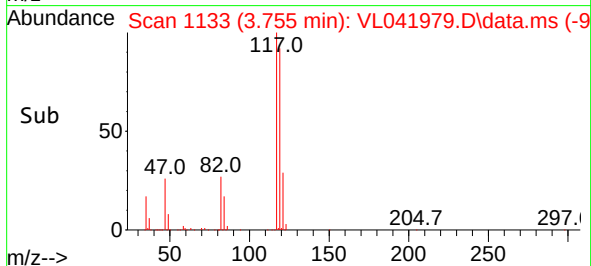
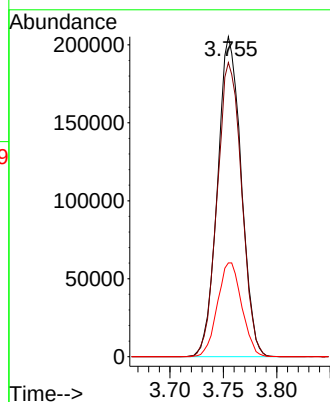
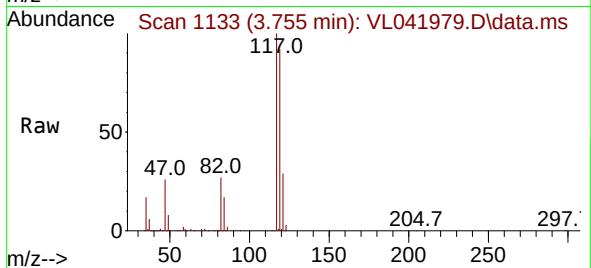
Tgt Ion:117 Resp: 317170

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.9	115.3
121	29.3	23.8	35.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36

Benzene

Concen: 11.686 ppbv

RT: 3.651 min Scan# 1101

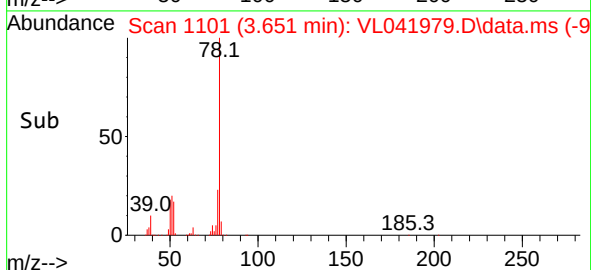
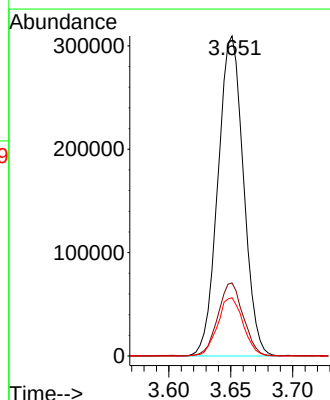
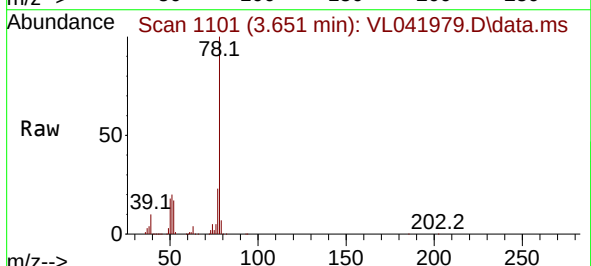
Delta R.T. -0.020 min

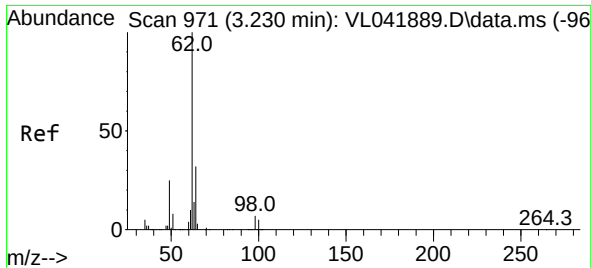
Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Tgt Ion: 78 Resp: 443760

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.1	27.1
50	18.2	15.2	22.8





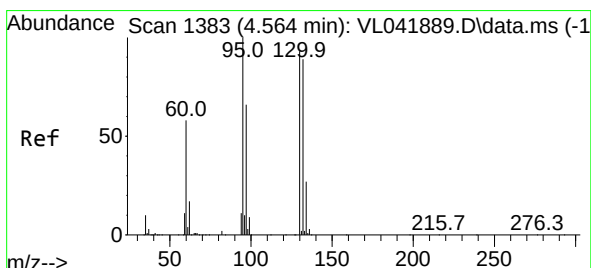
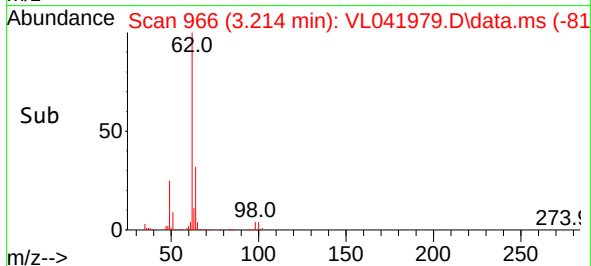
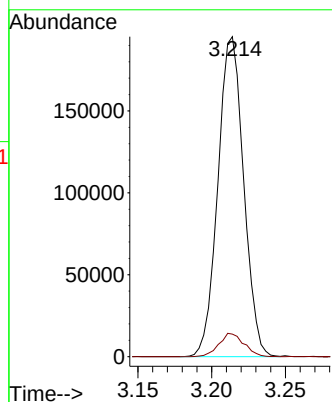
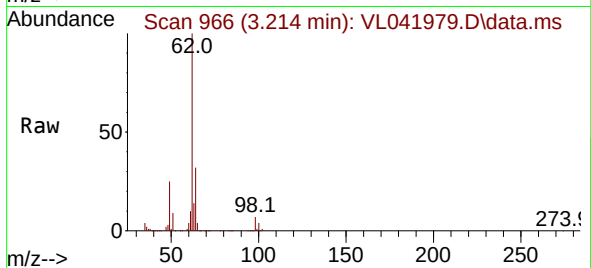
#37
1,2-Dichloroethane
Concen: 11.120 ppbv
RT: 3.214 min Scan# 90
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01

Tgt Ion: 62 Resp: 23717
Ion Ratio Lower Upper
62 100
98 7.1 5.4 8.0

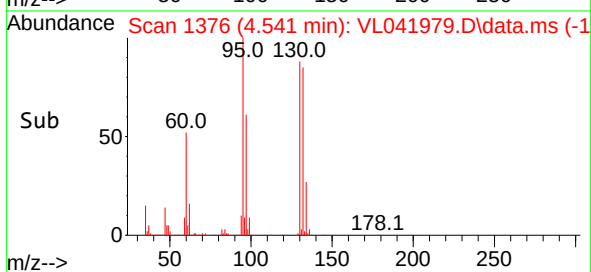
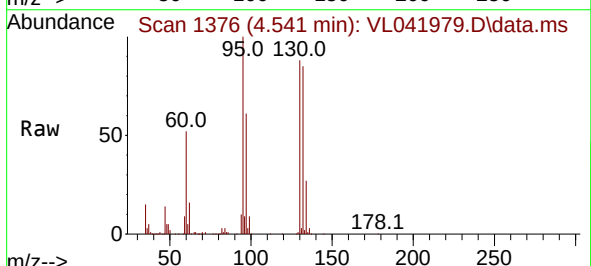
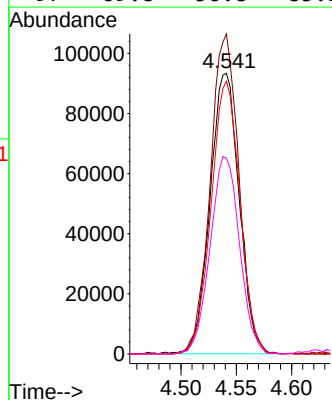
Manual Integrations
APPROVED

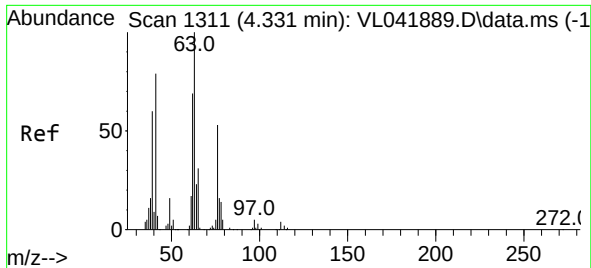
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Trichloroethene
Concen: 11.368 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.023 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Tgt Ion:130 Resp: 171308
Ion Ratio Lower Upper
130 100
95 114.0 85.8 128.8
132 97.2 76.5 114.7
97 69.8 56.8 85.2





#39

1,2-Dichloropropane

Concen: 11.750 ppbv

RT: 4.305 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

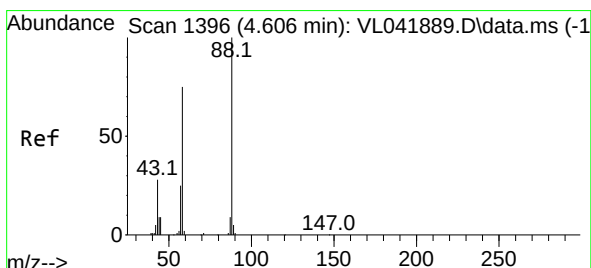
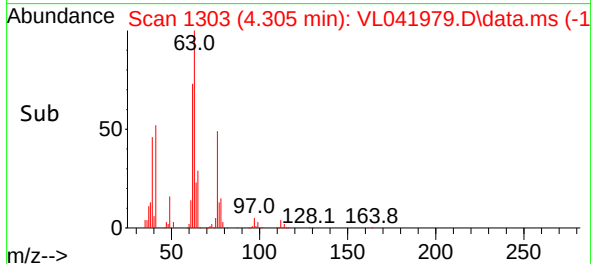
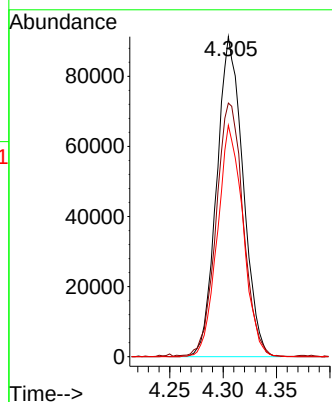
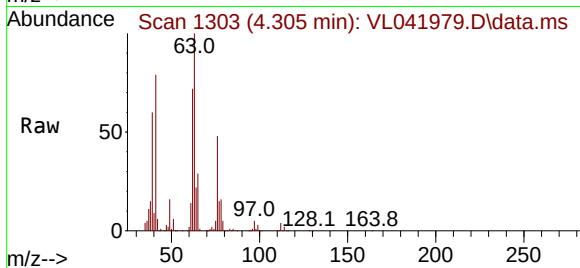
Tgt Ion: 63 Resp: 15651

Ion	Ratio	Lower	Upper
63	100		
41	79.1	63.7	95.5
62	72.3	55.4	83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#40

1,4-Dioxane

Concen: 10.855 ppbv

RT: 4.577 min Scan# 1387

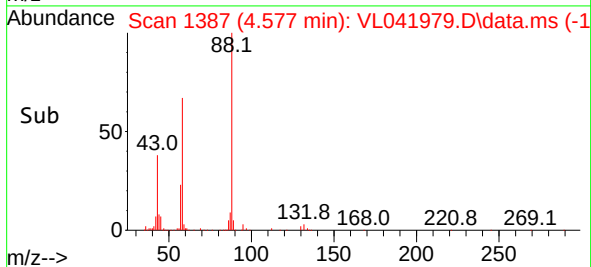
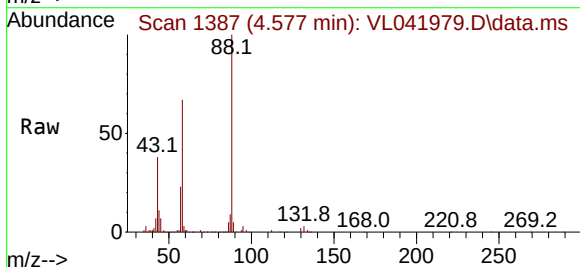
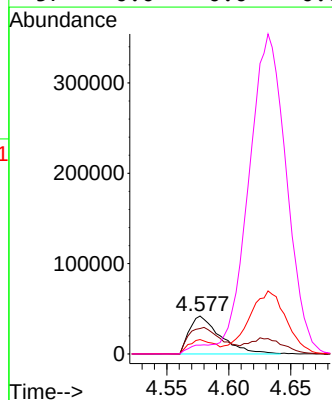
Delta R.T. -0.029 min

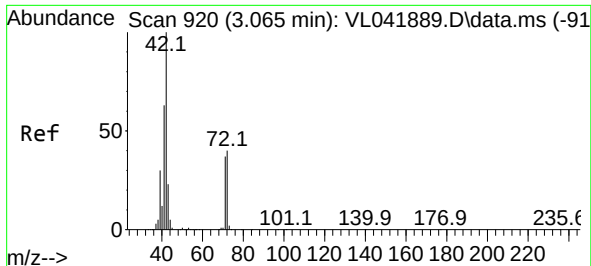
Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Tgt Ion: 88 Resp: 73021

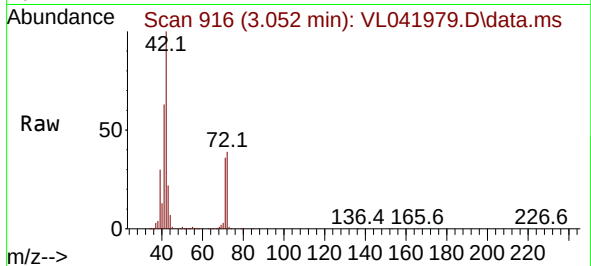
Ion	Ratio	Lower	Upper
88	100		
58	73.6	62.1	93.1
43	33.9	0.0	0.0#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 12.491 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

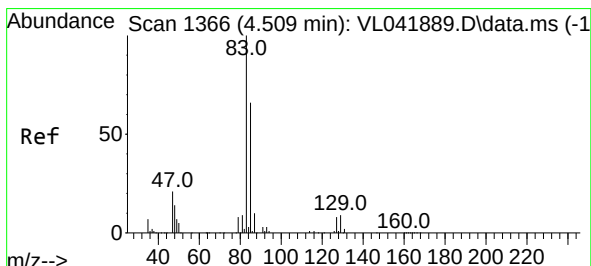
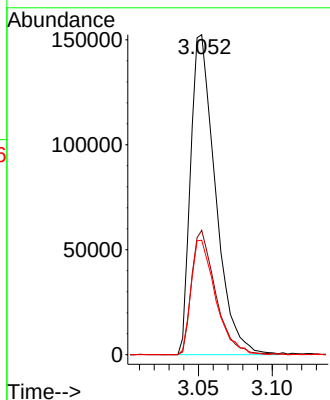
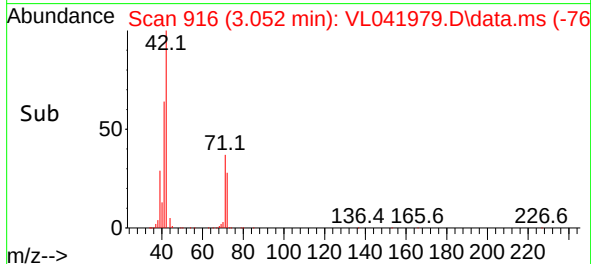
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



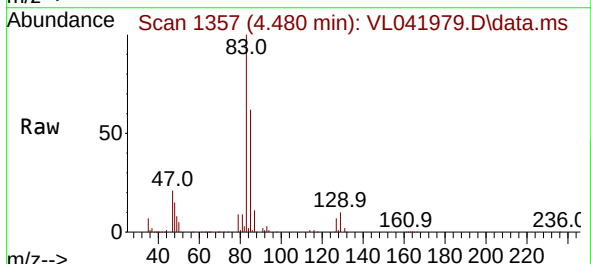
Tgt Ion: 42 Resp: 178749
Ion Ratio Lower Upper
42 100
72 37.5 32.3 48.5
71 35.6 29.9 44.9

Manual Integrations
APPROVED

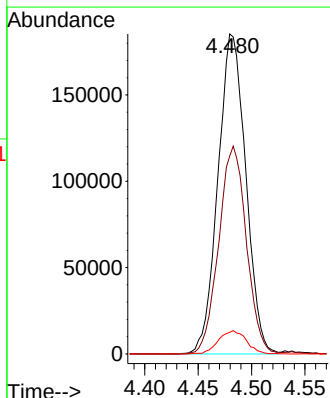
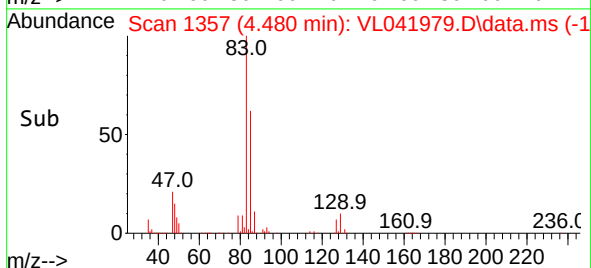
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

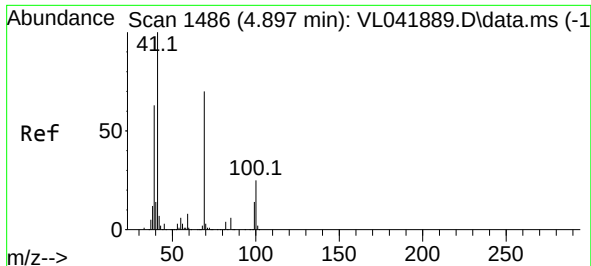


#42
Bromodichloromethane
Concen: 11.737 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. -0.029 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



Tgt Ion: 83 Resp: 335631
Ion Ratio Lower Upper
83 100
85 61.9 52.6 78.8
127 6.8 6.4 9.6





#43

Methyl Methacrylate

Concen: 11.265 ppbv

RT: 4.874 min Scan# 1486

Delta R.T. -0.023 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

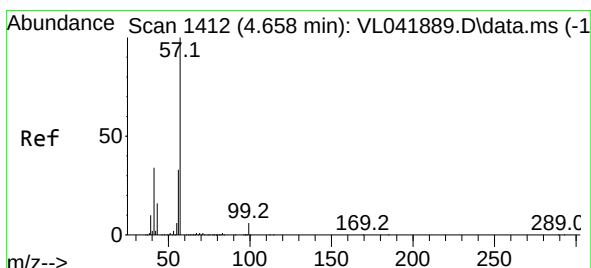
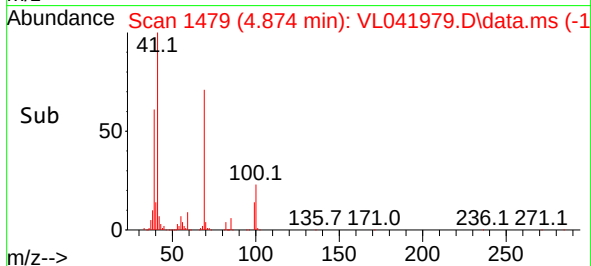
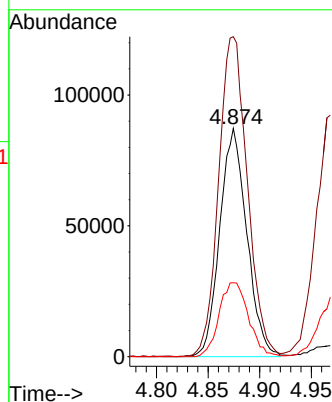
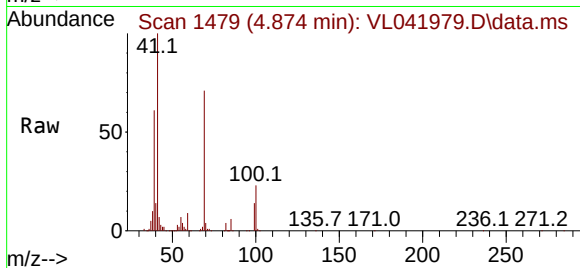
Tgt Ion: 69 Resp: 158914

Ion	Ratio	Lower	Upper
69	100		
41	149.2	118.6	177.8
100	35.3	29.3	43.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44

2,2,4-Trimethylpentane

Concen: 12.205 ppbv

RT: 4.632 min Scan# 1404

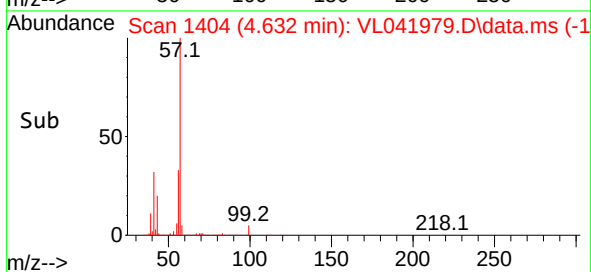
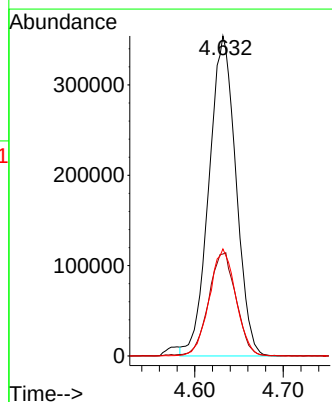
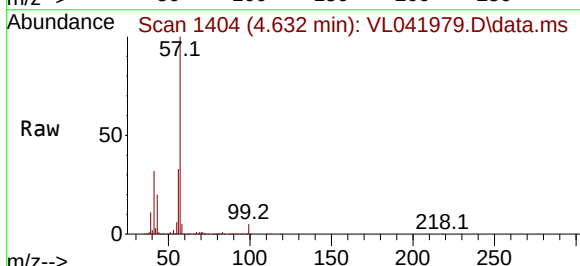
Delta R.T. -0.026 min

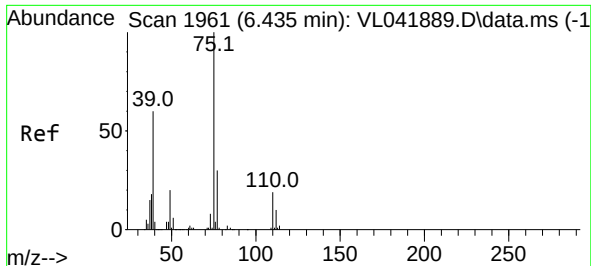
Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Tgt Ion: 57 Resp: 749666

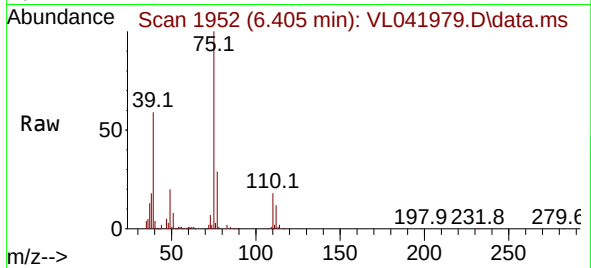
Ion	Ratio	Lower	Upper
57	100		
41	33.1	26.6	40.0
56	33.0	25.4	38.2





#45
t-1,3-Dichloropropene
Concen: 10.971 ppbv
RT: 6.405 min Scan# 1952
Delta R.T. -0.029 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

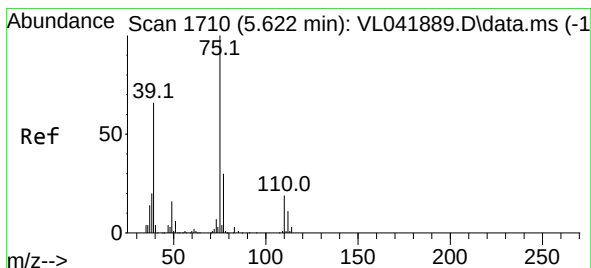
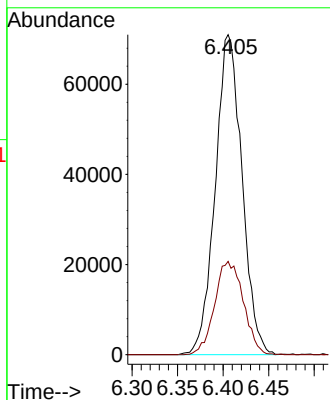
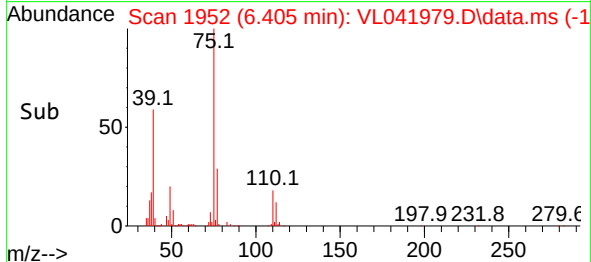
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



Tgt Ion: 75 Resp: 14487
Ion Ratio Lower Upper
75 100
77 29.1 24.3 36.5

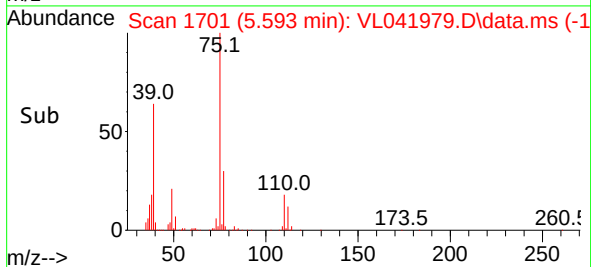
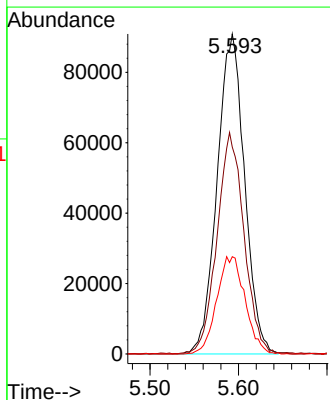
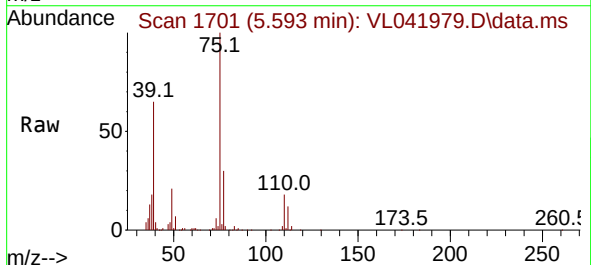
Manual Integrations
APPROVED

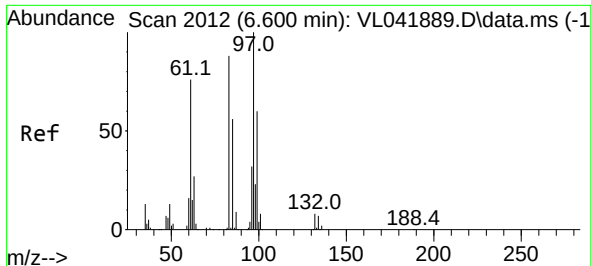
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#46
cis-1,3-Dichloropropene
Concen: 11.297 ppbv
RT: 5.593 min Scan# 1701
Delta R.T. -0.029 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Tgt Ion: 75 Resp: 195860
Ion Ratio Lower Upper
75 100
39 64.5 53.1 79.7
77 30.4 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 12.209 ppbv

RT: 6.570 min Scan# 2012

Delta R.T. -0.029 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

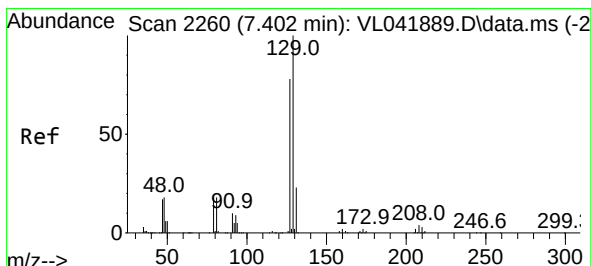
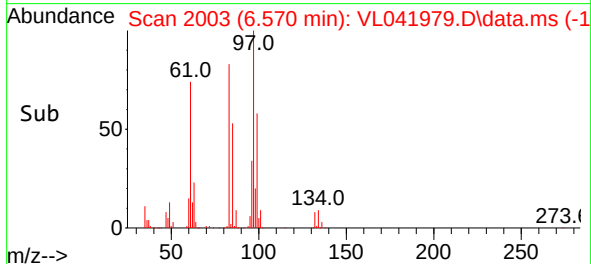
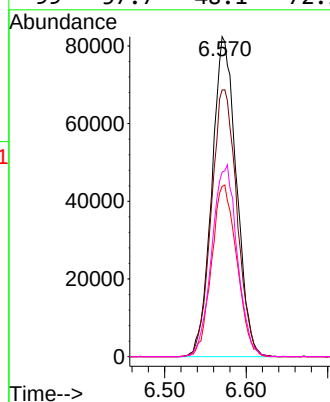
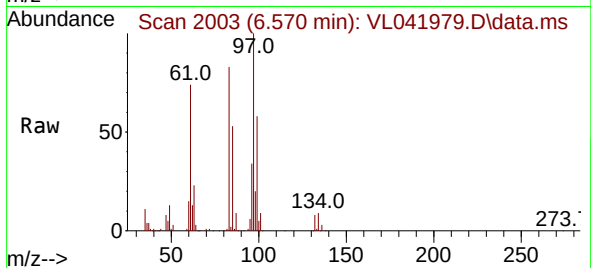
Tgt Ion: 97 Resp: 172374

Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.4	105.6
85	53.2	45.0	67.4
99	57.7	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48

Dibromochloromethane

Concen: 12.172 ppbv

RT: 7.380 min Scan# 2253

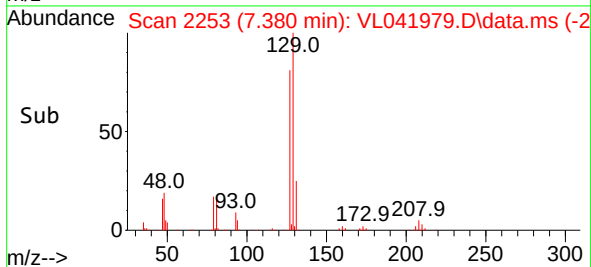
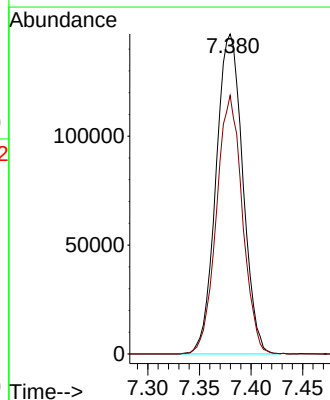
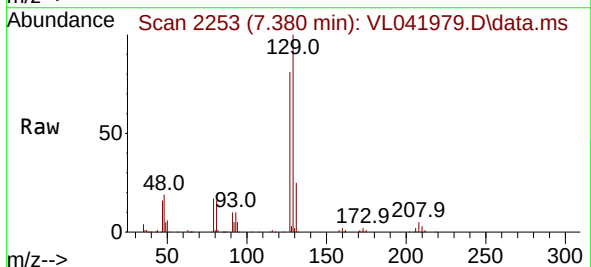
Delta R.T. -0.023 min

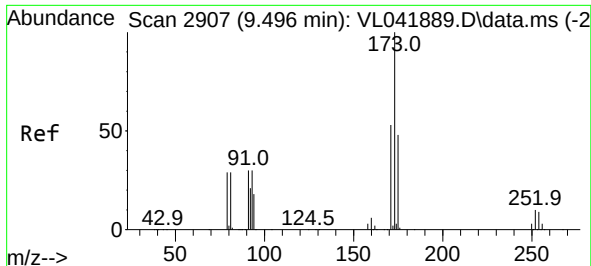
Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Tgt Ion:129 Resp: 265141

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.3	117.8





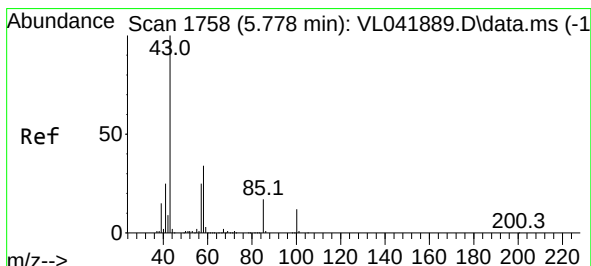
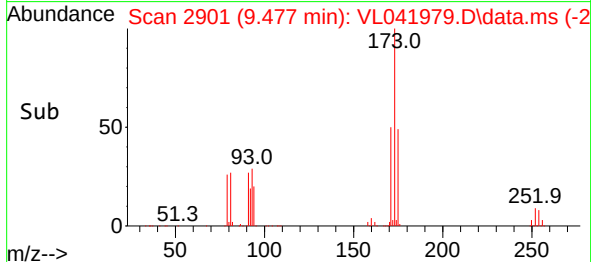
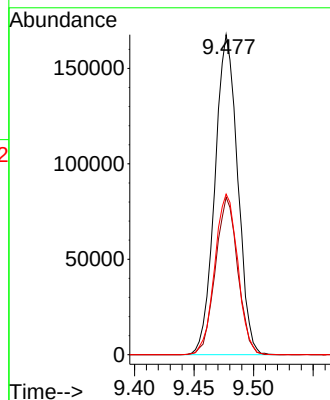
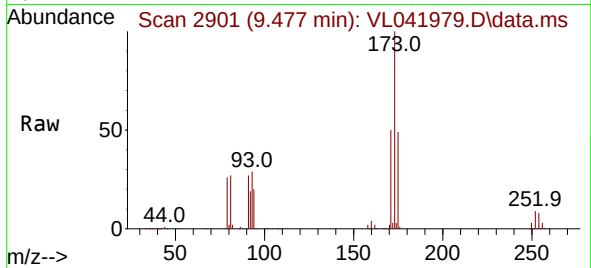
#49
Bromoform
Concen: 12.438 ppbv
RT: 9.477 min Scan# 2907
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01

Tgt Ion:173 Resp: 22255
Ion Ratio Lower Upper
173 100
175 48.4 38.4 57.6
171 50.9 41.4 62.2

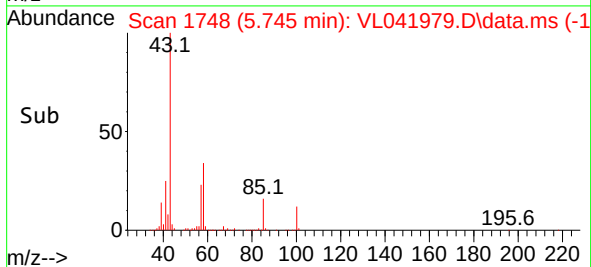
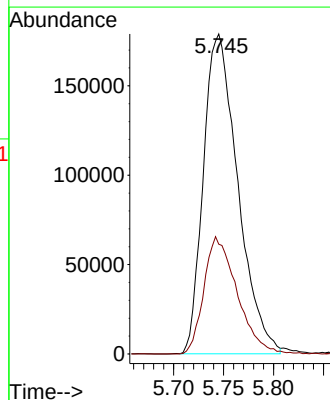
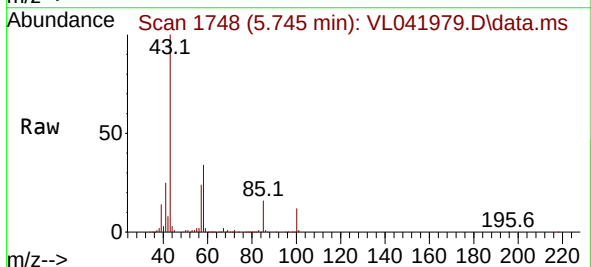
Manual Integrations
APPROVED

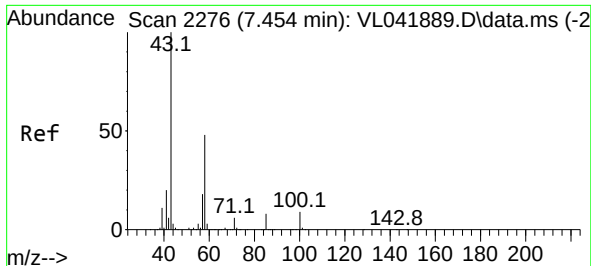
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#50
4-Methyl-2-Pentanone
Concen: 11.920 ppbv
RT: 5.745 min Scan# 1748
Delta R.T. -0.032 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

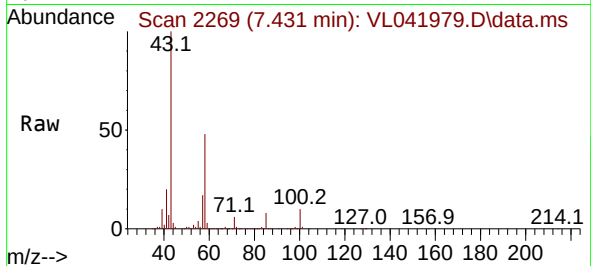
Tgt Ion: 43 Resp: 428455
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.6





#51
2-Hexanone
Concen: 11.944 ppbv
RT: 7.431 min Scan# 2111
Delta R.T. -0.023 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

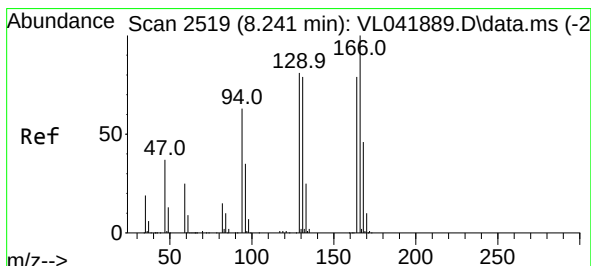
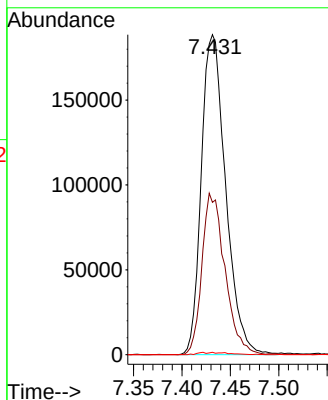
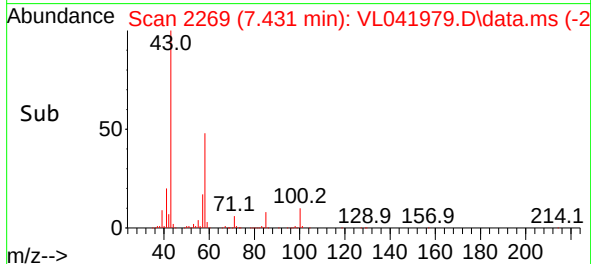
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



Tgt Ion: 43 Resp: 329889
Ion Ratio Lower Upper
43 100
58 47.8 40.4 60.6
98 0.9 0.2 0.2

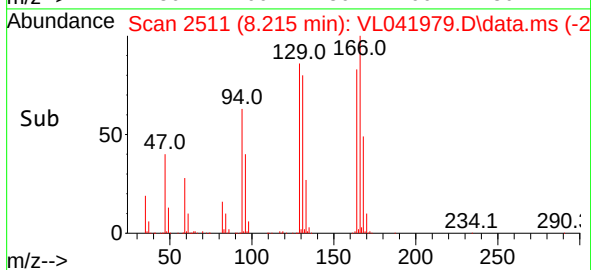
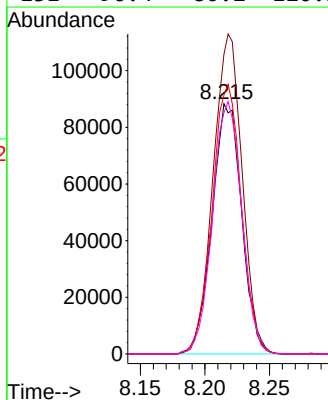
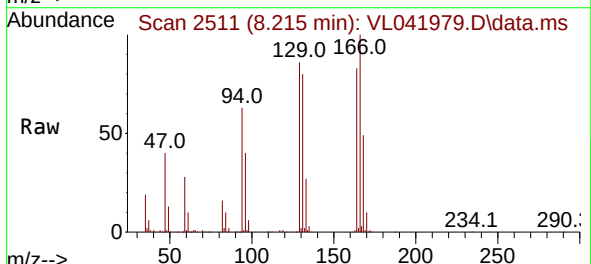
Manual Integrations
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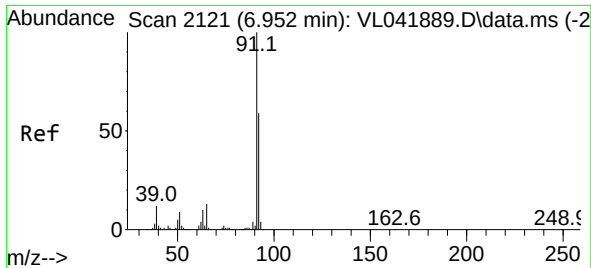
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Tetrachloroethene
Concen: 10.663 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.026 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

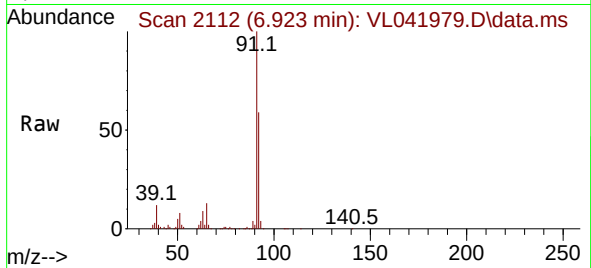
Tgt Ion:164 Resp: 140409
Ion Ratio Lower Upper
164 100
166 119.8 100.8 151.2
129 103.4 82.0 123.0
131 96.4 80.2 120.2





#53
Toluene
Concen: 11.625 ppbv
RT: 6.923 min Scan# 2121
Delta R.T. -0.029 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

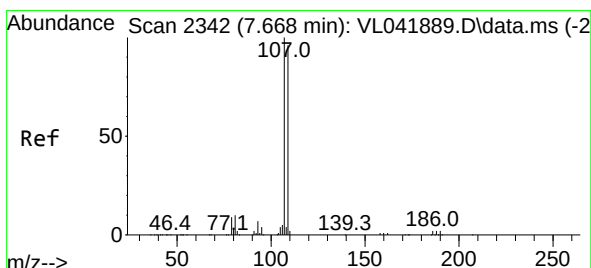
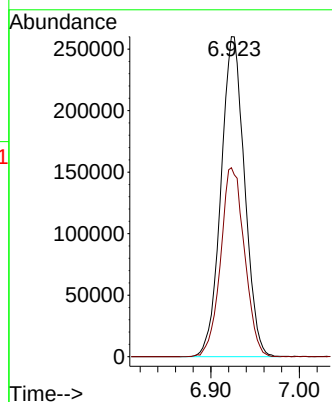
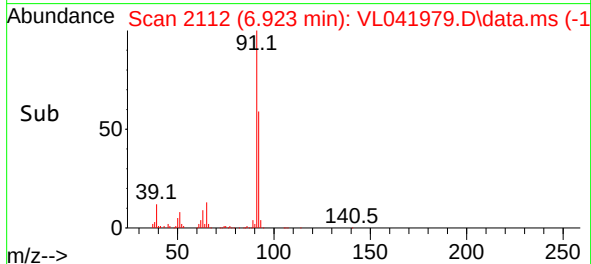
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



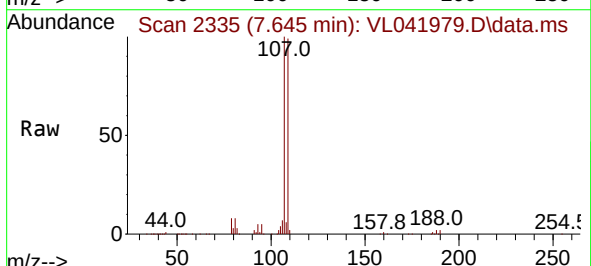
Tgt Ion: 91 Resp: 480878
Ion Ratio Lower Upper
91 100
92 59.9 47.4 71.0

Manual Integrations
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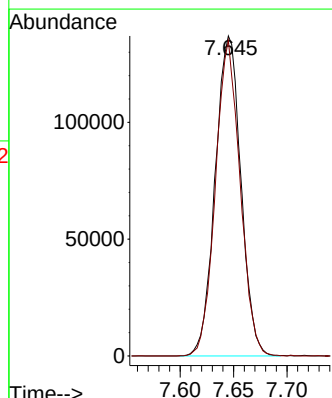
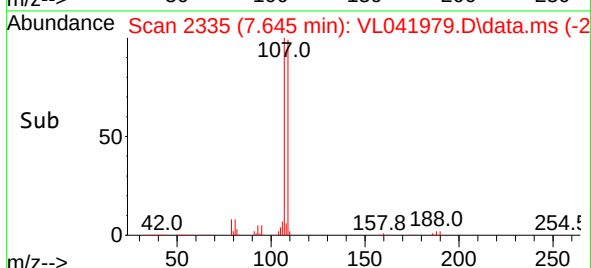
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

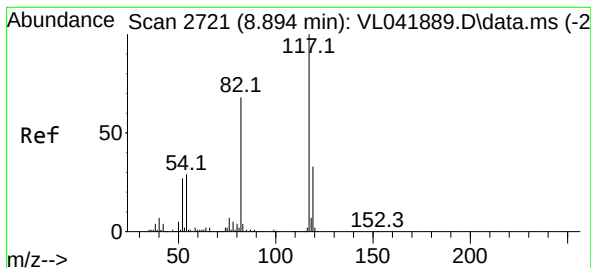


#54
1,2-Dibromoethane
Concen: 11.811 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.023 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



Tgt Ion:107 Resp: 229236
Ion Ratio Lower Upper
107 100
109 98.5 76.7 115.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 21

Delta R.T. -0.020 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

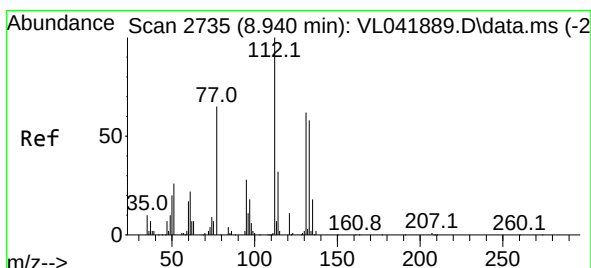
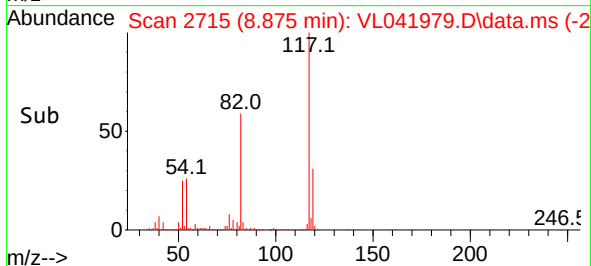
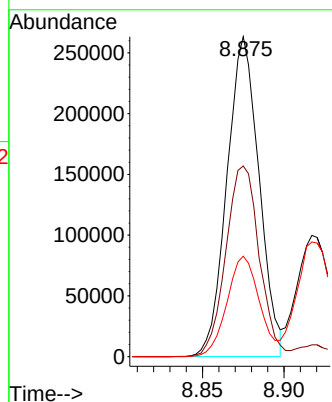
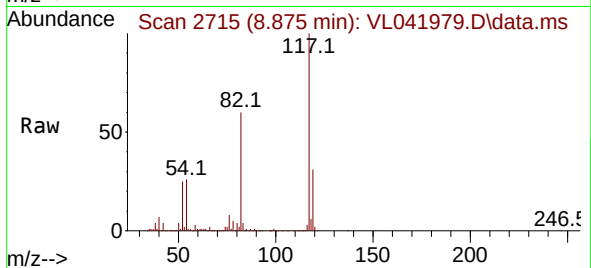
Tgt Ion:117 Resp: 360498

Ion	Ratio	Lower	Upper
117	100		
82	65.8	54.2	81.4
119	30.7	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 12.255 ppbv

RT: 8.917 min Scan# 2728

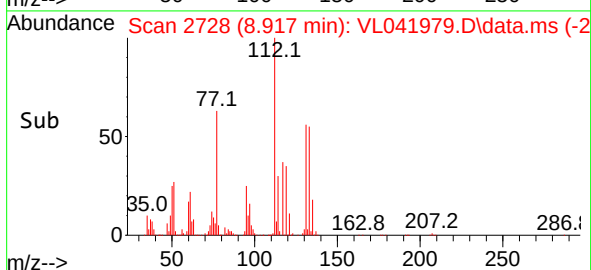
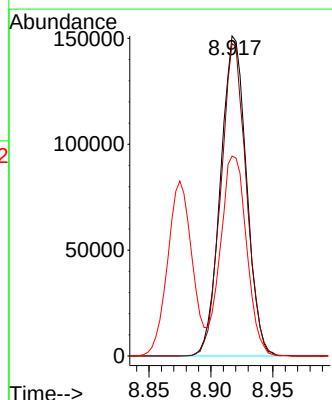
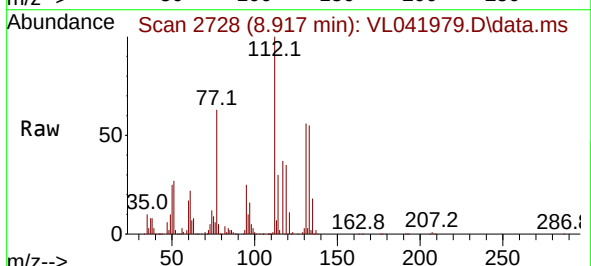
Delta R.T. -0.023 min

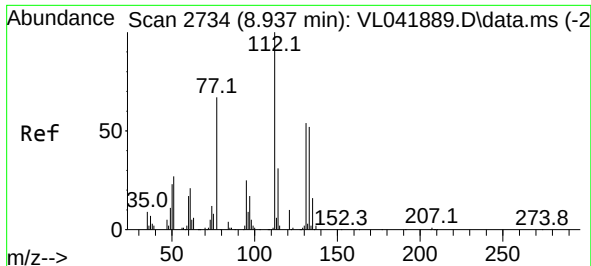
Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Tgt Ion:131 Resp: 220416

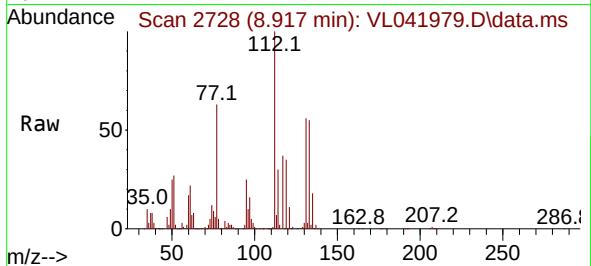
Ion	Ratio	Lower	Upper
131	100		
133	95.8	76.0	114.0
119	62.2	49.7	74.5





#57
Chlorobenzene
Concen: 11.841 ppbv
RT: 8.917 min Scan# 2734
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

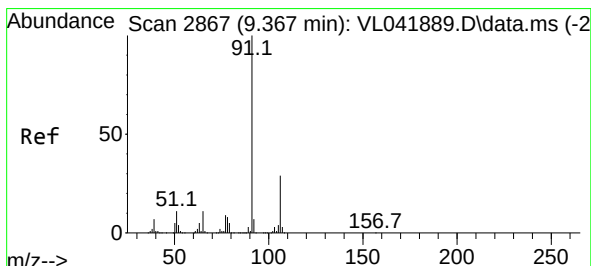
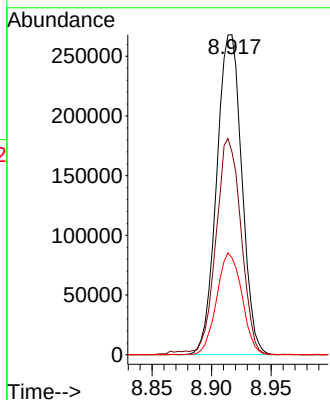
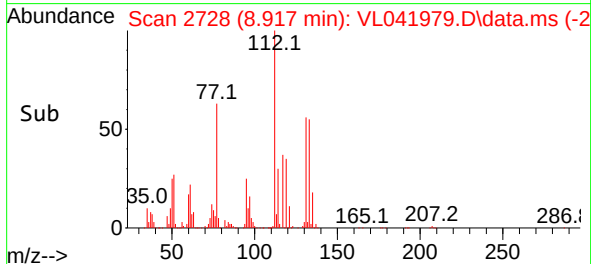
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



Tgt Ion:112 Resp: 393754
Ion Ratio Lower Upper
112 100
77 63.3 54.6 82.0
114 30.3 28.2 34.4

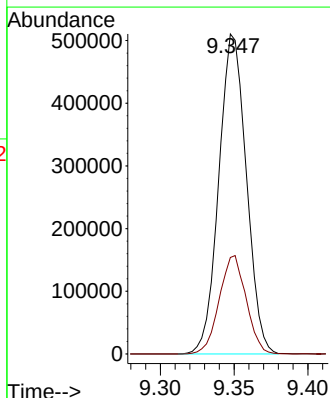
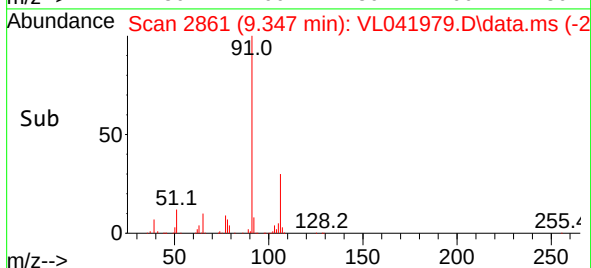
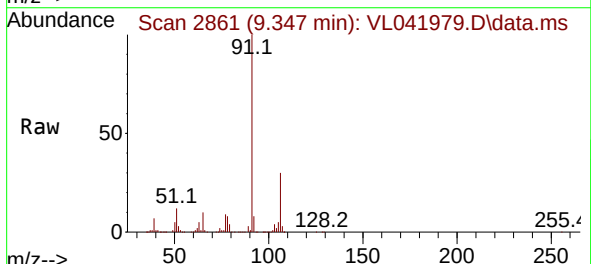
Manual Integrations
APPROVED

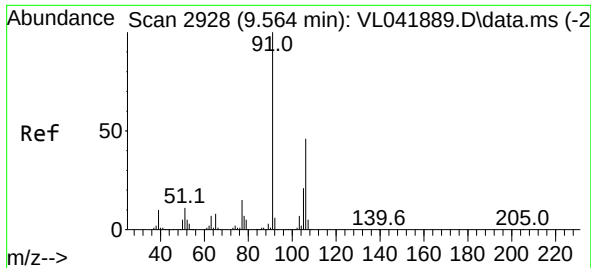
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#58
Ethyl Benzene
Concen: 11.754 ppbv
RT: 9.347 min Scan# 2861
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Tgt Ion: 91 Resp: 662182
Ion Ratio Lower Upper
91 100
106 30.1 23.1 34.7





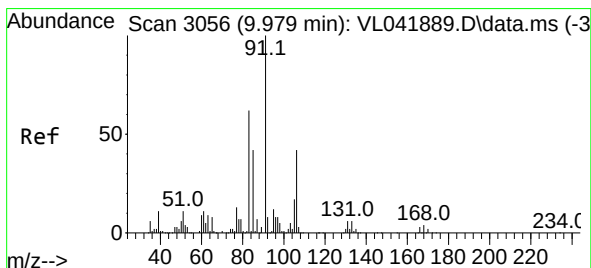
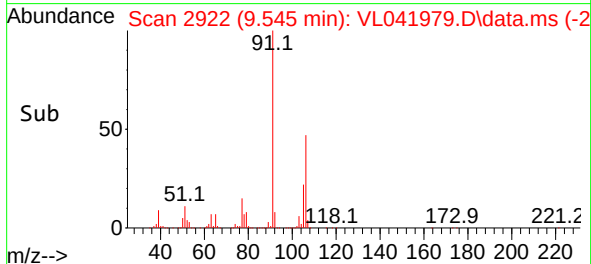
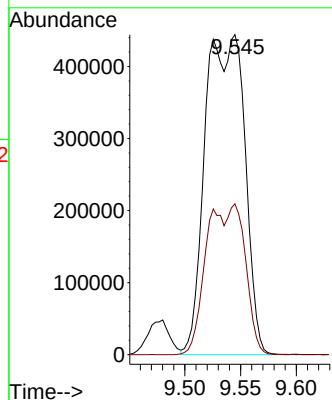
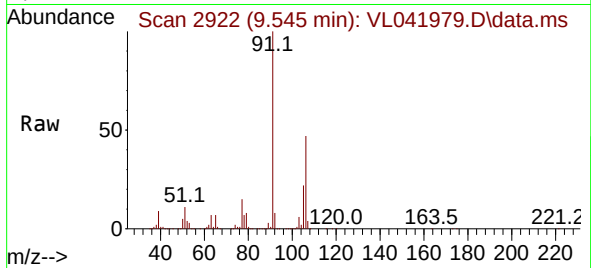
#59
m/p-Xylene
Concen: 24.331 ppbv m
RT: 9.545 min Scan# 2928
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01

Tgt Ion: 91 Resp: 1098740
Ion Ratio Lower Upper
91 100
106 46.3 36.0 54.0

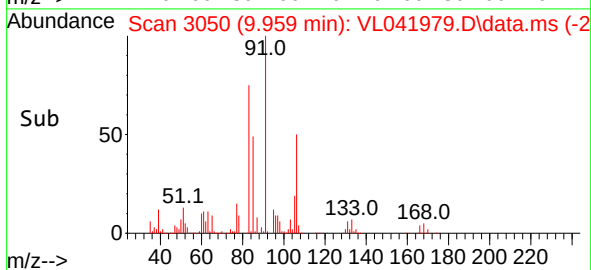
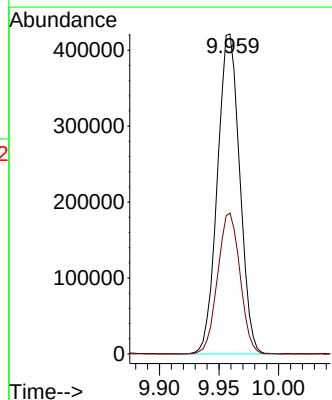
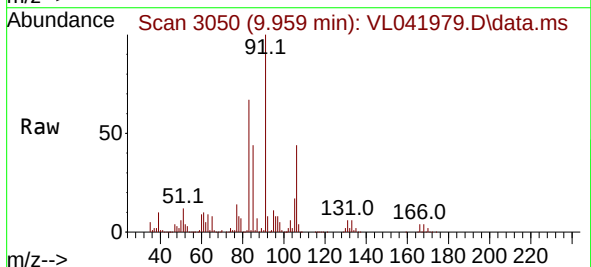
Manual Integrations
APPROVED

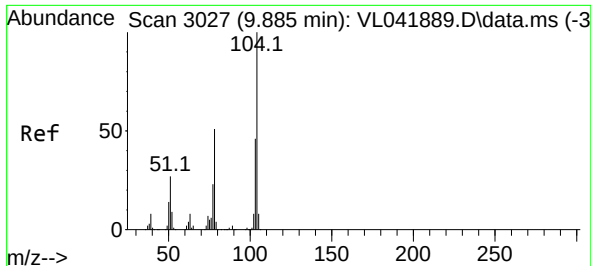
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
o-Xylene
Concen: 12.223 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

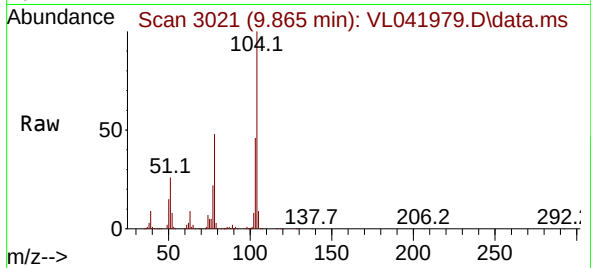
Tgt Ion: 91 Resp: 547895
Ion Ratio Lower Upper
91 100
106 44.2 21.3 63.9





#61
Styrene
Concen: 11.905 ppbv
RT: 9.865 min Scan# 3027
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

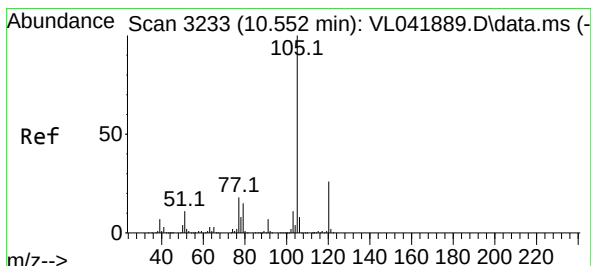
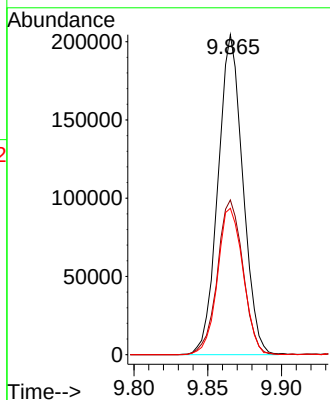
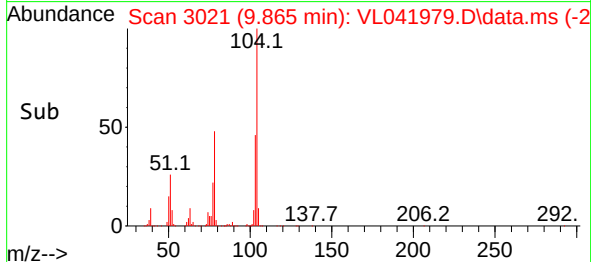
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



Tgt Ion:104 Resp: 239385
Ion Ratio Lower Upper
104 100
78 49.8 41.0 61.6
103 47.3 37.2 55.8

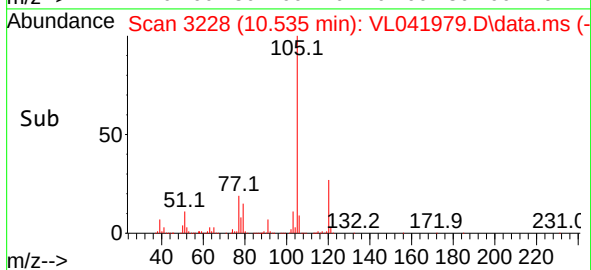
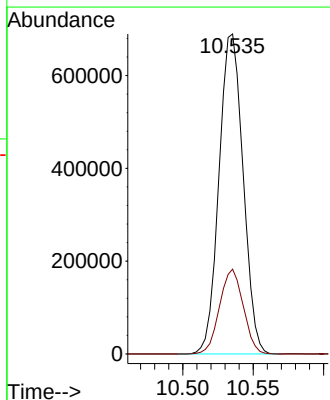
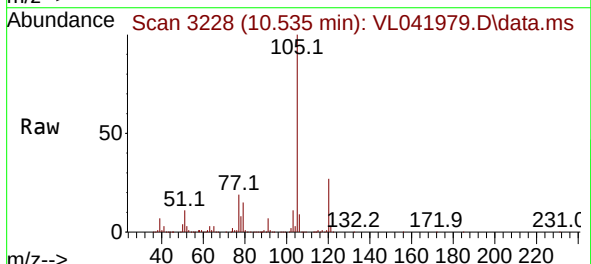
Manual Integrations
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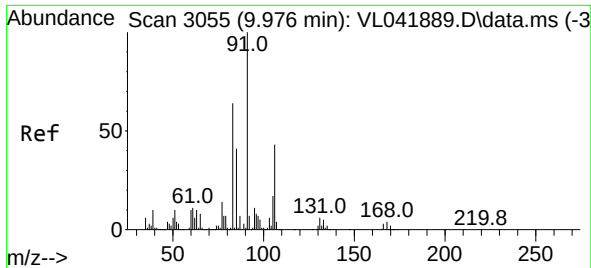
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
Isopropylbenzene
Concen: 11.834 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

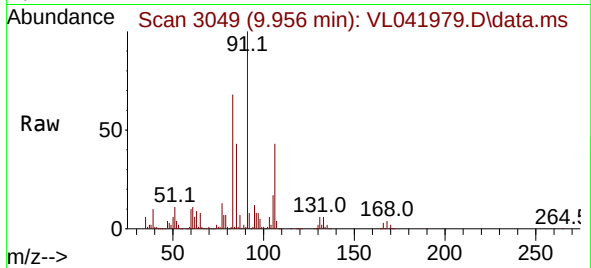
Tgt Ion:105 Resp: 820806
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 12.790 ppbv
RT: 9.956 min Scan# 3055
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

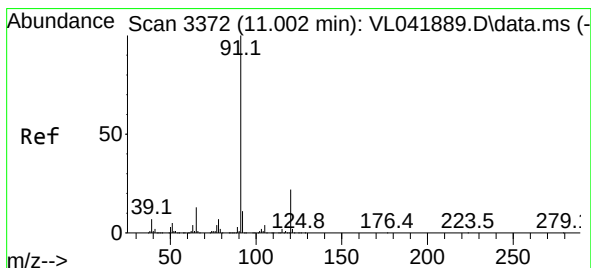
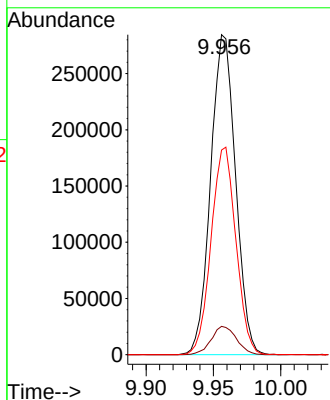
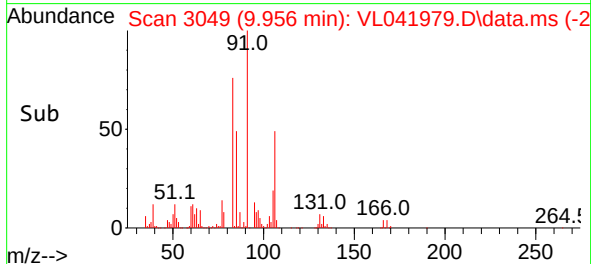
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



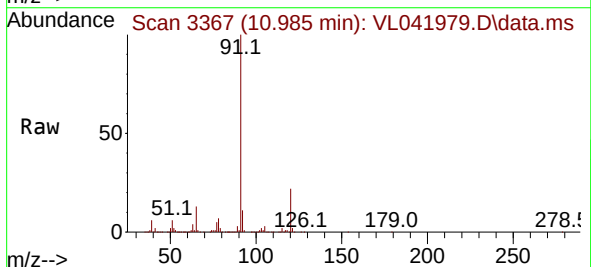
Tgt Ion: 83 Resp: 366340
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.4
85 64.5 32.4 97.2

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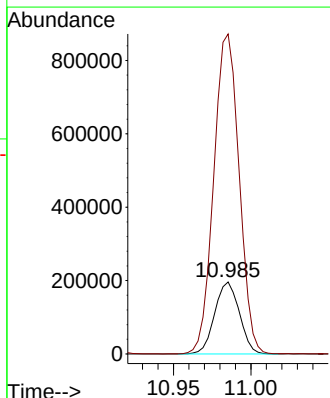
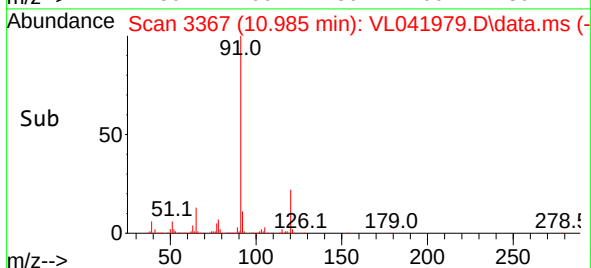
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

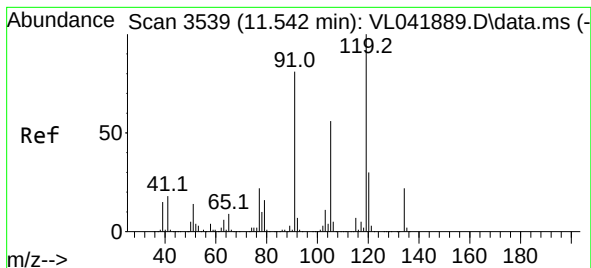


#64
n-propylbenzene
Concen: 12.366 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



Tgt Ion:120 Resp: 216727
Ion Ratio Lower Upper
120 100
91 459.1 374.1 561.1





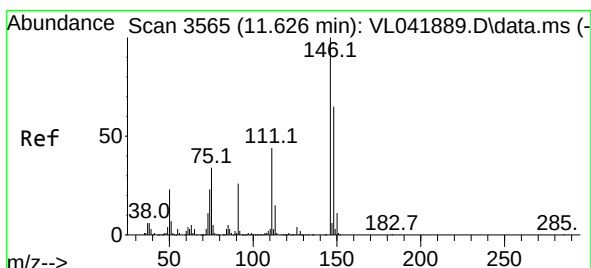
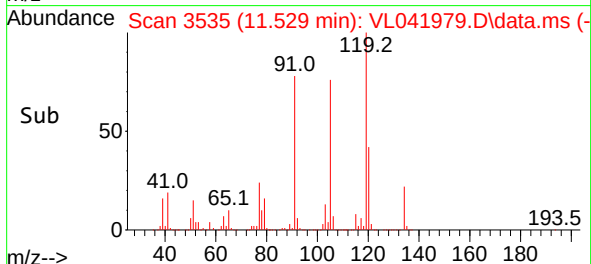
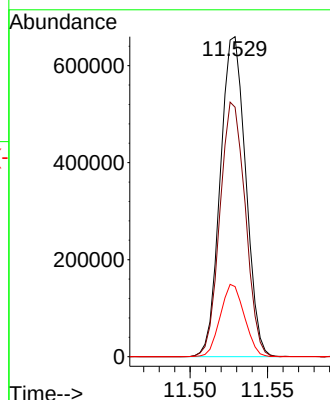
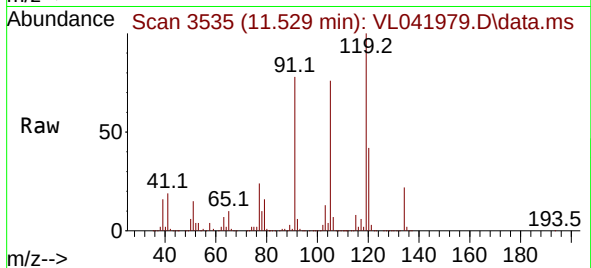
#65
tert-Butylbenzene
Concen: 11.900 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.013 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01

Tgt Ion:119 Resp: 752174
Ion Ratio Lower Upper
119 100
91 79.4 64.6 97.0
134 21.5 16.8 25.2

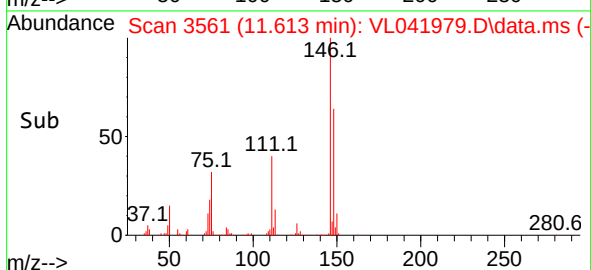
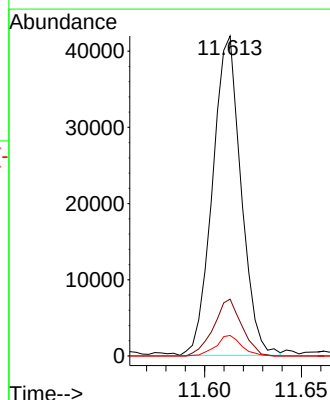
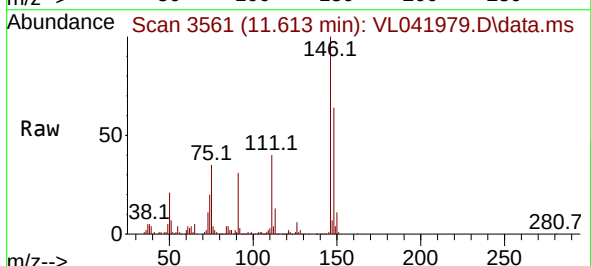
Manual Integrations
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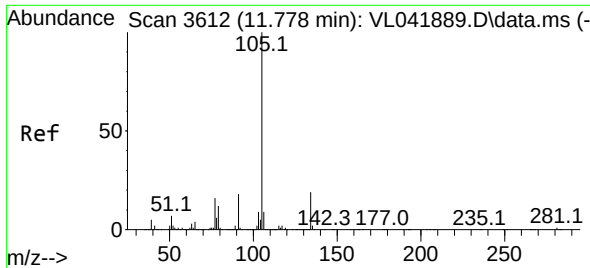
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
Benzyl Chloride
Concen: 10.977 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.013 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

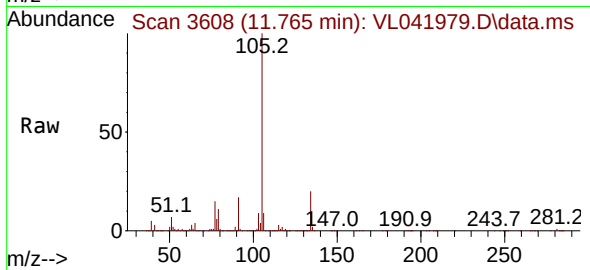
Tgt Ion: 91 Resp: 42944
Ion Ratio Lower Upper
91 100
126 17.5 14.1 21.1
128 5.7 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 12.095 ppbv
 RT: 11.765 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

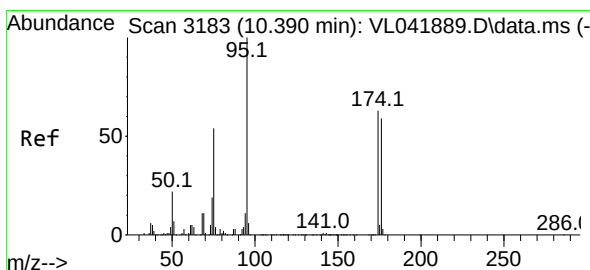
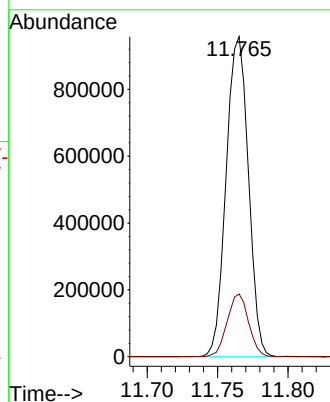
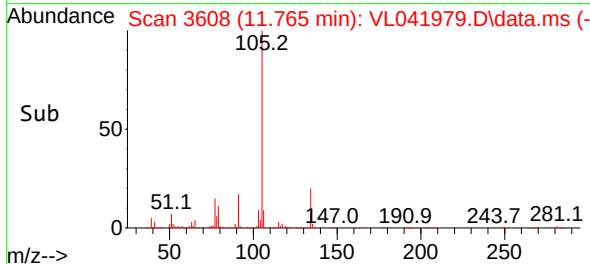
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABS01



Tgt Ion:105 Resp: 105268
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7

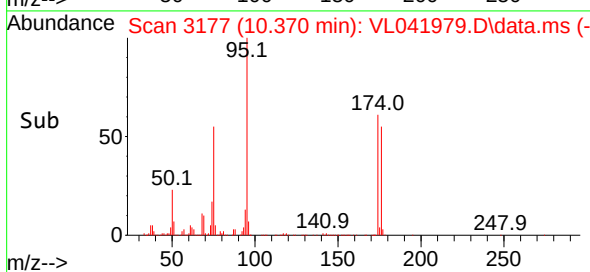
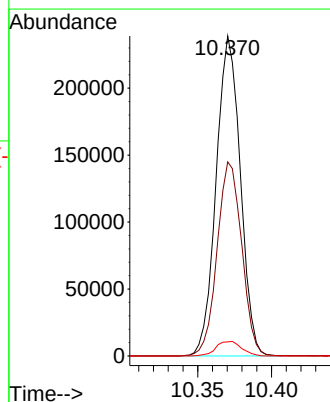
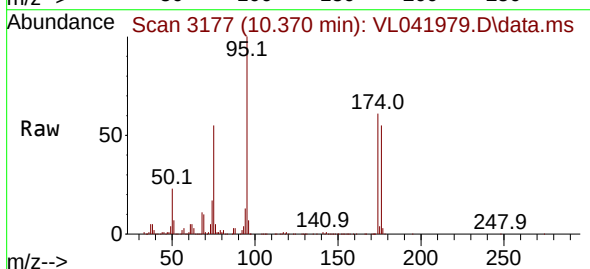
Manual Integrations
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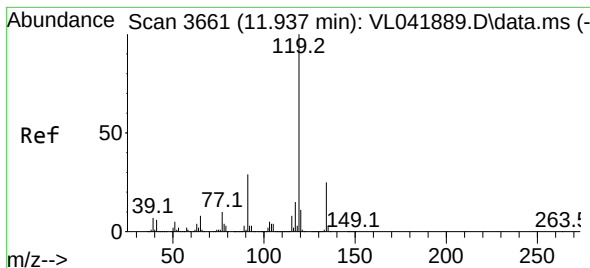
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.598 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.020 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

Tgt Ion: 95 Resp: 272541
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.0 73.4
 175 4.8 3.8 5.8





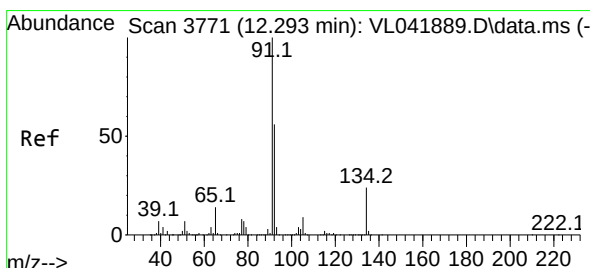
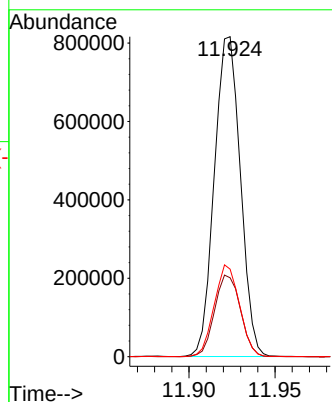
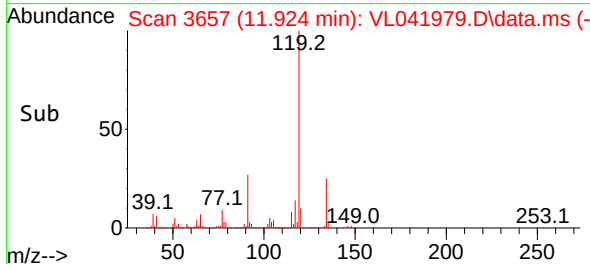
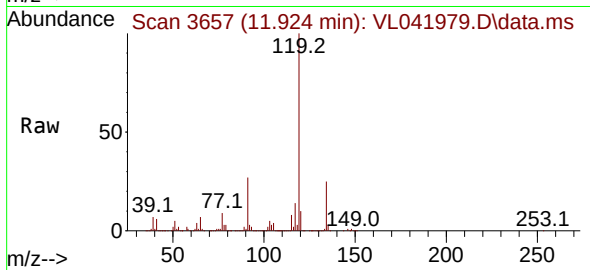
#69
 p-Isopropyltoluene
 Concen: 11.994 ppbv
 RT: 11.924 min Scan# 3657
 Delta R.T. -0.013 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABS01

Tgt Ion: 119 Resp: 85959
 Ion Ratio Lower Upper
 119 100
 134 25.5 19.8 29.6
 91 27.9 23.0 34.4

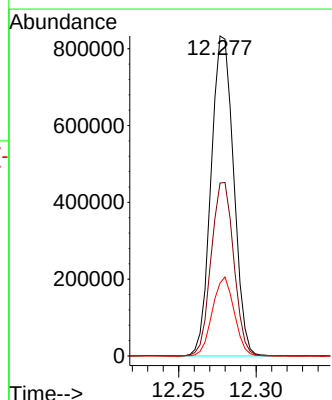
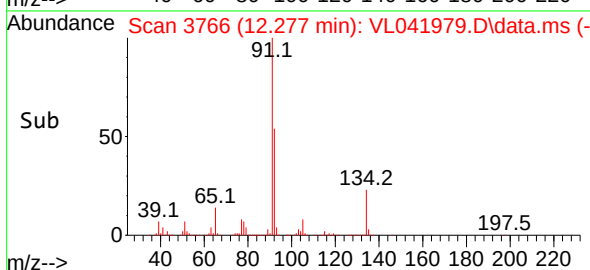
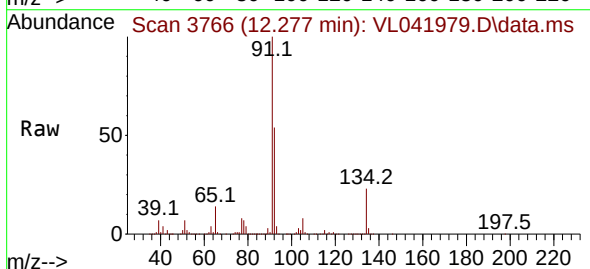
Manual Integrations
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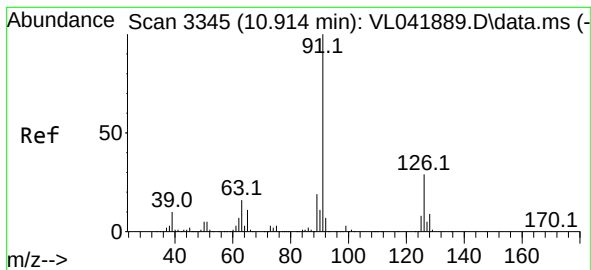
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#70
 n-Butylbenzene
 Concen: 11.872 ppbv
 RT: 12.277 min Scan# 3766
 Delta R.T. -0.016 min
 Lab File: VL041979.D
 Acq: 10 Feb 2025 10:08

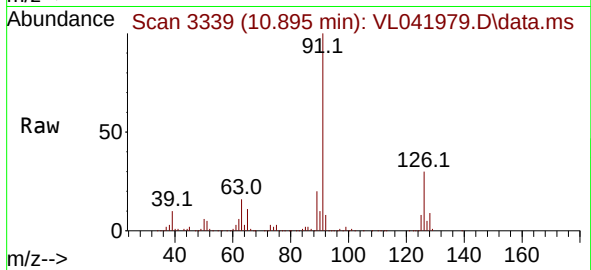
Tgt Ion: 91 Resp: 843880
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.8 65.6
 134 23.8 19.0 28.6





#71
2-Chlorotoluene
Concen: 11.769 ppbv
RT: 10.895 min Scan# 3109
Delta R.T. -0.020 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

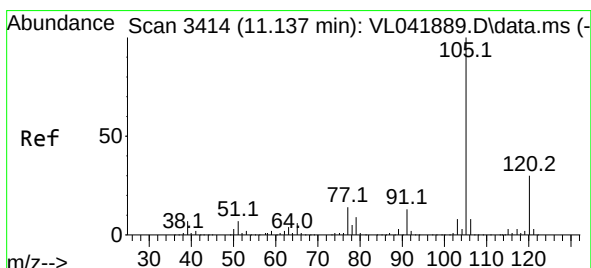
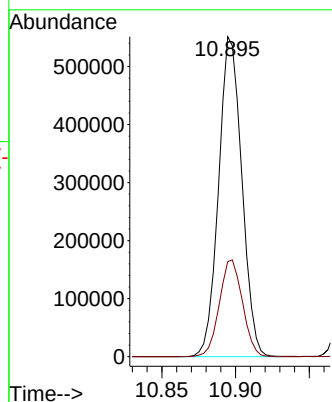
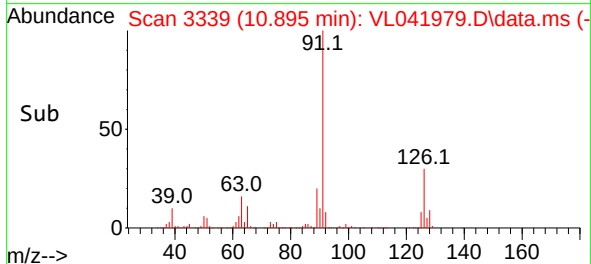
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



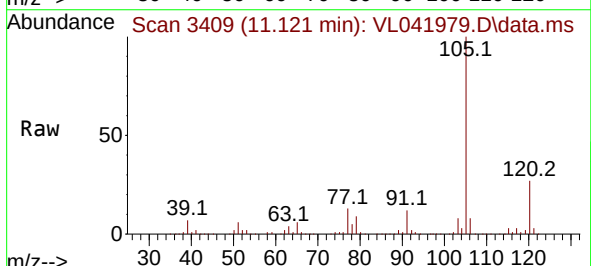
Tgt Ion: 91 Resp: 603809
Ion Ratio Lower Upper
91 100
126 30.1 11.7 46.7

Manual Integrations
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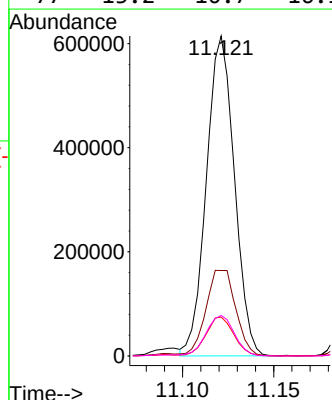
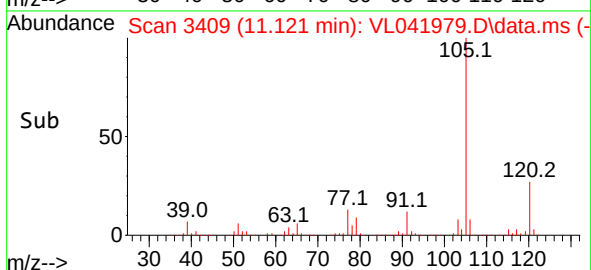
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

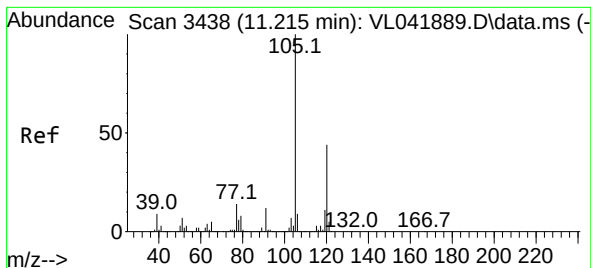


#72
4-Ethyltoluene
Concen: 12.270 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



Tgt Ion:105 Resp: 657858
Ion Ratio Lower Upper
105 100
120 29.2 23.7 35.5
91 12.7 10.2 15.2
77 13.2 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 11.863 ppbv

RT: 11.199 min Scan# 3438

Delta R.T. -0.016 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01

Tgt Ion:105 Resp: 56168

Ion Ratio Lower Upper

105 100

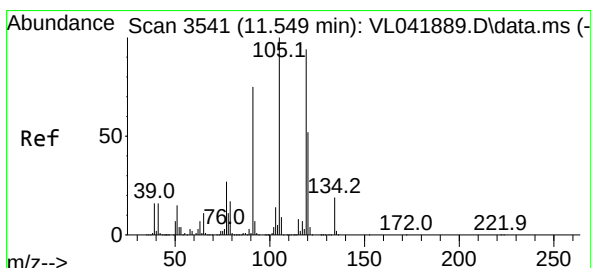
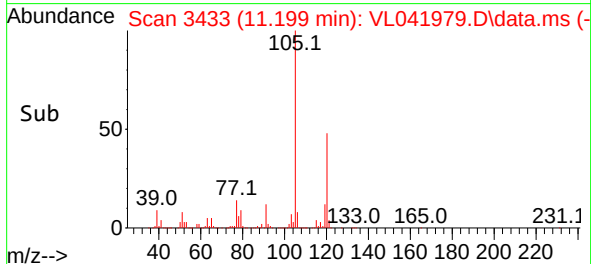
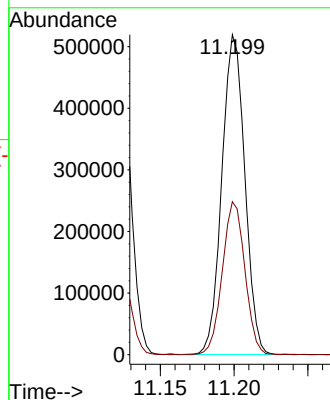
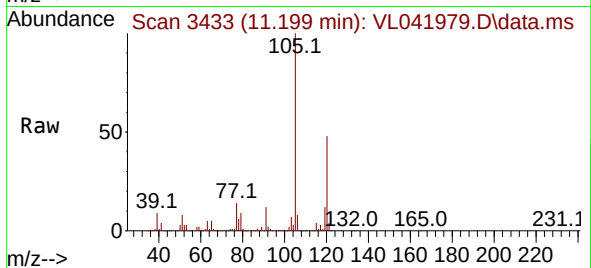
120 47.8 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#74

1,2,4-Trimethylbenzene

Concen: 12.180 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.016 min

Lab File: VL041979.D

Acq: 10 Feb 2025 10:08

Tgt Ion:105 Resp: 624557

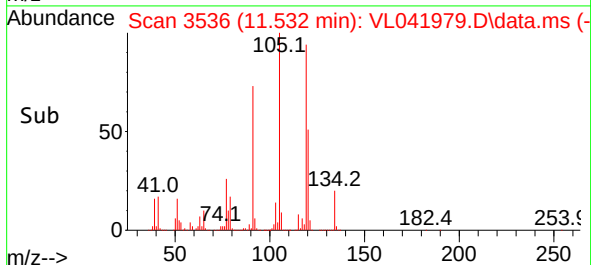
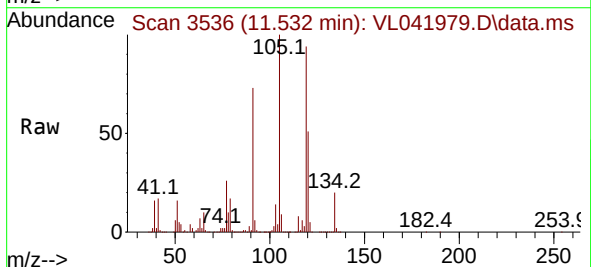
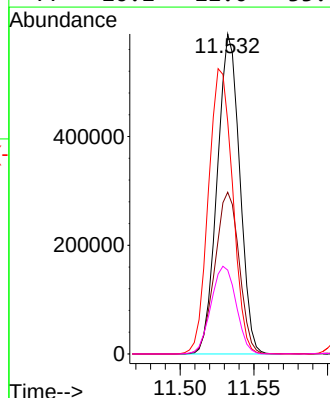
Ion Ratio Lower Upper

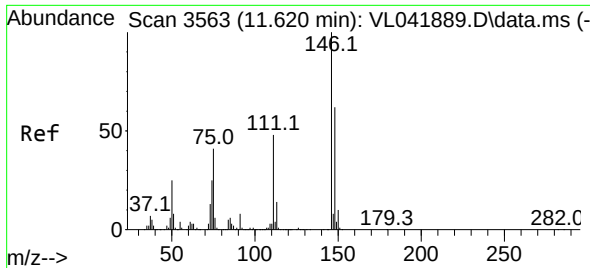
105 100

120 50.5 41.4 62.2

91 72.6 60.2 90.2

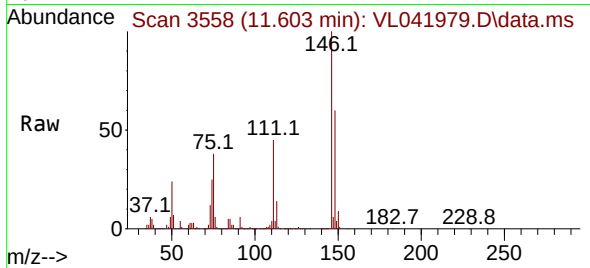
77 26.2 22.0 33.0





#75
1,3-Dichlorobenzene
Concen: 11.954 ppbv
RT: 11.603 min Scan# 3558
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

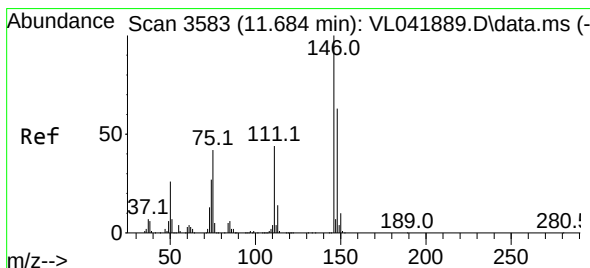
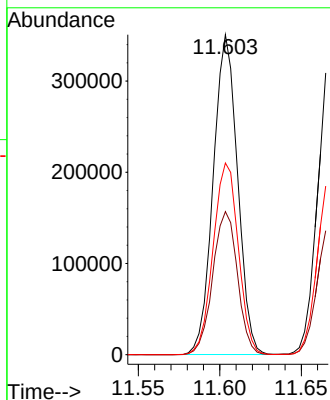
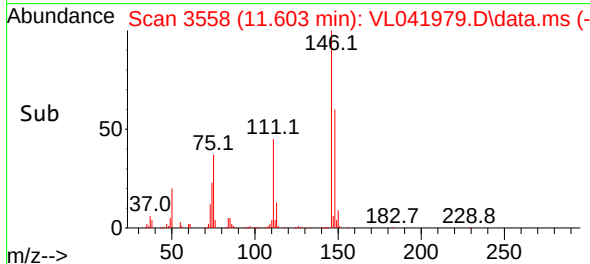
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



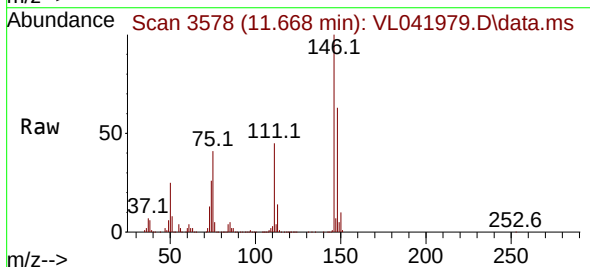
Tgt Ion:146 Resp: 363224
Ion Ratio Lower Upper
146 100
111 45.6 23.6 70.8
148 62.2 31.4 94.0

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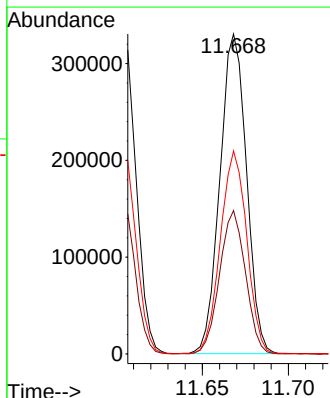
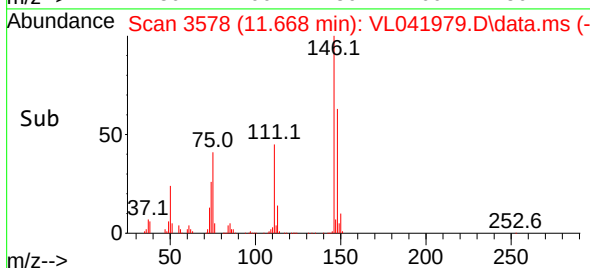
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

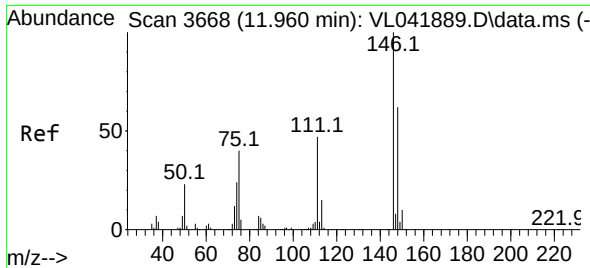


#76
1,4-Dichlorobenzene
Concen: 11.936 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



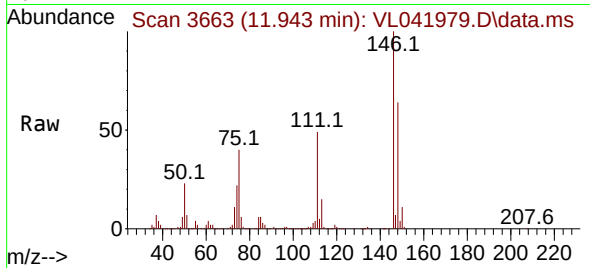
Tgt Ion:146 Resp: 354840
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 63.3 31.9 95.5





#77
1,2-Dichlorobenzene
Concen: 12.060 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

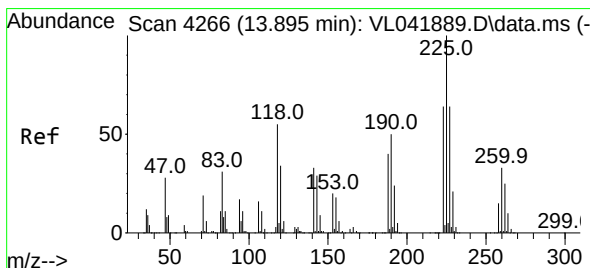
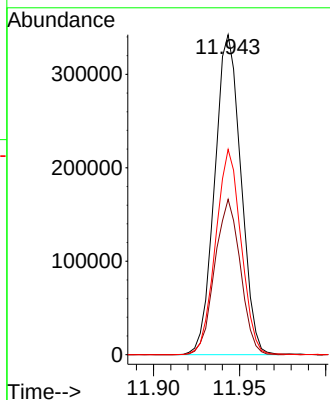
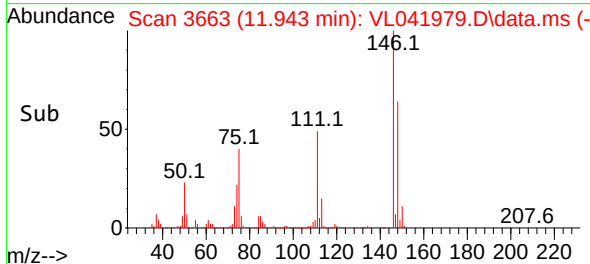
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



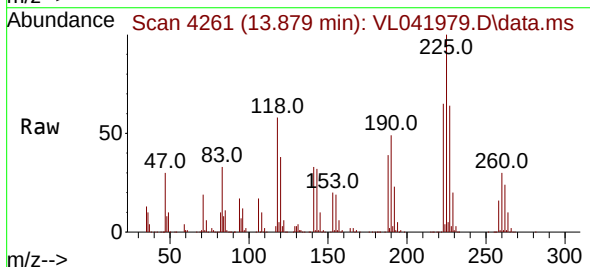
Tgt Ion:146 Resp: 363170
Ion Ratio Lower Upper
146 100
111 47.5 24.2 72.6
148 62.5 31.7 95.1

Manual Integrations
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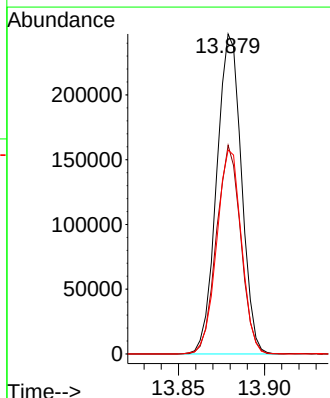
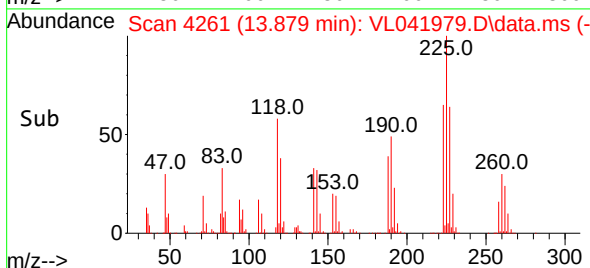
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

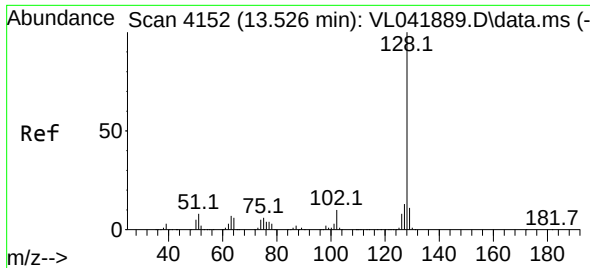


#78
Hexachloro-1,3-Butadiene
Concen: 10.008 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



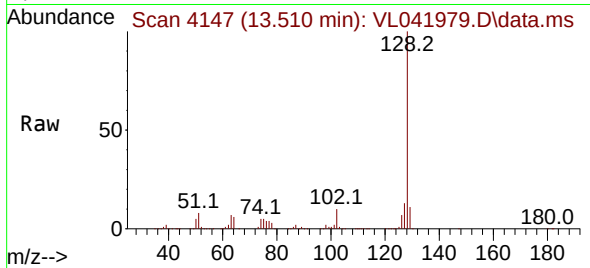
Tgt Ion:225 Resp: 247369
Ion Ratio Lower Upper
225 100
223 63.9 50.8 76.2
227 63.7 50.3 75.5





#79
Naphthalene
Concen: 10.627 ppbv
RT: 13.510 min Scan# 4152
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08

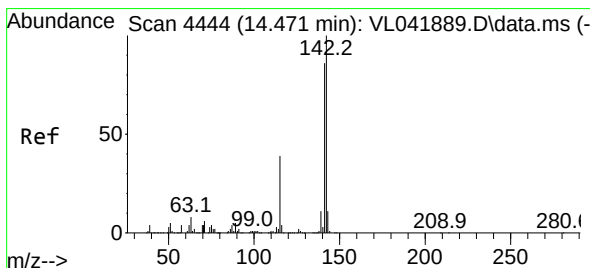
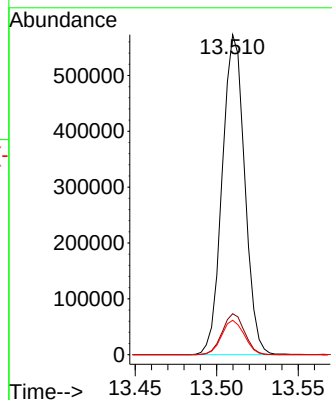
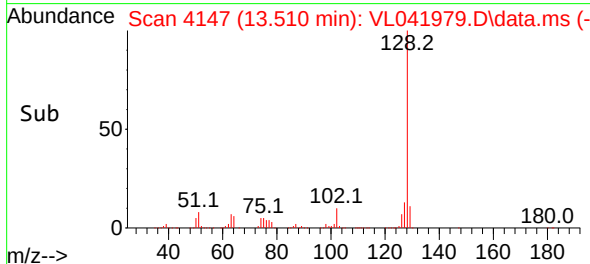
Instrument :
MSVOA_L
ClientSampleId :
VL0210ABS01



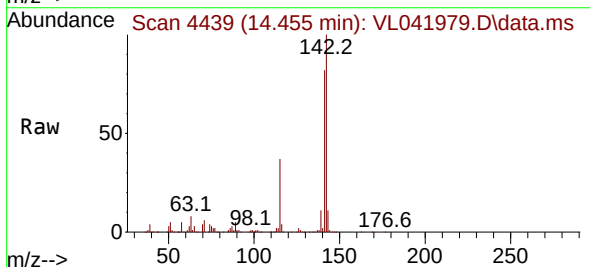
Tgt Ion:128 Resp: 548662
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 9.1 13.7

Manual Integrations
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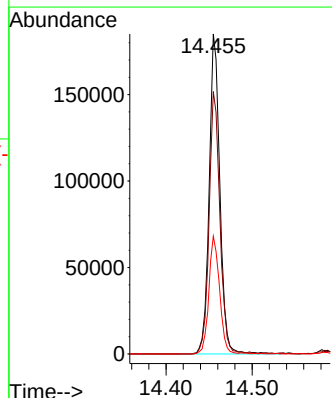
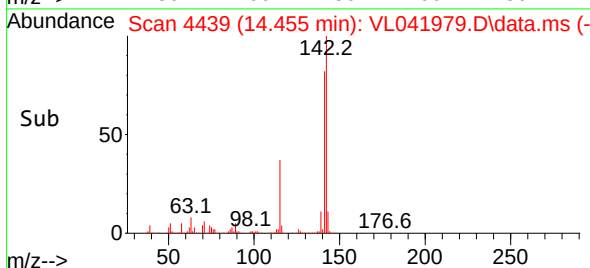
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

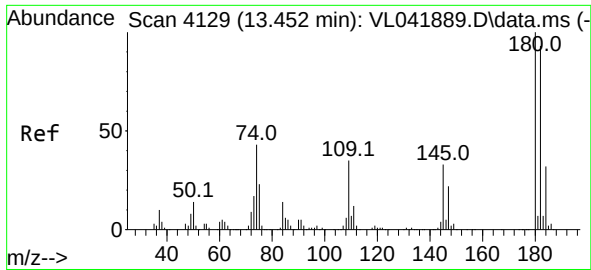


#80
Naphthalene,2-methyl-
Concen: 6.530 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.016 min
Lab File: VL041979.D
Acq: 10 Feb 2025 10:08



Tgt Ion:142 Resp: 159849
Ion Ratio Lower Upper
142 100
141 83.0 68.1 102.1
115 37.4 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 9.729 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL041979.D

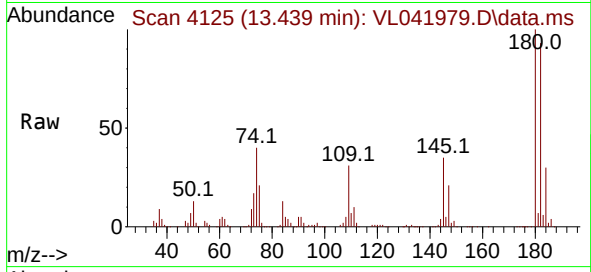
Acq: 10 Feb 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABS01



Tgt Ion:180 Resp: 24518

Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.6

184 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025

