

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041777.D
 Acq On : 17 Dec 2024 14:13
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 21 03:15:52 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	56733	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	144763	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	123427	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 104912 10.200 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	5391	0.534	ppbv	96
3) Chlorodifluoromethane	1.476	51	4325	0.467	ppbv #	88
4) Chloromethane	1.535	50	2159	0.547	ppbv #	87
5) Vinyl Chloride	1.580	62	1807	0.454	ppbv	96
6) Bromomethane	1.667	94	933	0.497	ppbv	87
7) Chloroethane	1.706	64	721	0.466	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	4832	0.535	ppbv	90
9) Propene	1.486	41	1623m	0.405	ppbv	
10) Heptane	4.994	43	3176m	0.308	ppbv	
11) Trichlorofluoromethane	1.881	101	5709	0.532	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.143	101	3952	0.485	ppbv	98
13) Ethanol	1.725	45	588	1.771	ppbv	100
14) Bromoethene	1.784	108	1104	0.401	ppbv #	75
15) Acetone	1.839	43	6680	0.605	ppbv	97
16) 1,3-Butadiene	1.609	39	2378	0.547	ppbv	91
17) tert-Butyl alcohol	2.046	59	5396	0.493	ppbv	96
18) 1,1-Dichloroethene	2.036	96	1704	0.498	ppbv	79
19) Isopropyl Alcohol	1.891	45	3955	0.597	ppbv #	42
20) Methylene Chloride	2.062	84	1971	0.626	ppbv	91
21) Allyl Chloride	2.098	41	2760	0.461	ppbv	93
22) trans-1,2-Dichloroethene	2.344	96	1715	0.438	ppbv	89
23) Vinyl Acetate	2.467	43	1842m	0.359	ppbv	
24) 1,1-Dichloroethane	2.412	63	3993	0.504	ppbv	98
25) Ethyl Acetate	2.842	43	7770	0.378	ppbv	97
26) Hexane	2.832	57	2818	0.362	ppbv #	85
27) Carbon Disulfide	2.153	76	2108	0.300	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	2750m	0.435	ppbv	
29) Chloroform	2.855	83	5887	0.496	ppbv	99
30) Cyclohexane	3.865	84	1963m	0.296	ppbv	
31) cis-1,2-Dichloroethene	2.726	61	3300	0.410	ppbv	90
32) 1,1,1-Trichloroethane	3.370	97	4566	0.378	ppbv	88
34) 2-Butanone	2.564	43	4940	0.424	ppbv	97
35) Carbon Tetrachloride	3.771	117	4147	0.404	ppbv #	92
36) Benzene	3.664	78	6289m	0.420	ppbv	
37) 1,2-Dichloroethane	3.224	62	4822	0.518	ppbv	100
38) Trichloroethene	4.554	130	2268m	0.357	ppbv	
39) 1,2-Dichloropropane	4.324	63	2495	0.461	ppbv	93
40) 1,4-Dioxane	4.619	88	937m	0.354	ppbv	
41) Tetrahydrofuran	3.072	42	2308m	0.354	ppbv	
42) Bromodichloromethane	4.499	83	4037	0.377	ppbv	97
43) Methyl Methacrylate	4.891	69	1675m	0.294	ppbv	
44) 2,2,4-Trimethylpentane	4.651	57	9264m	0.362	ppbv	
45) t-1,3-Dichloropropene	6.425	75	1686	0.286	ppbv #	83

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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 21 03:15:52 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	2446m	0.326	ppbv	
47) 1,1,2-Trichloroethane	6.590	97	2577m	0.456	ppbv	
48) Dibromochloromethane	7.390	129	2491m	0.322	ppbv	
49) Bromoform	9.490	173	1837	0.291	ppbv	92
50) 4-Methyl-2-Pentanone	5.781	43	5165m	0.326	ppbv	
51) 2-Hexanone	7.458	43	3599m	0.280	ppbv	
52) Tetrachloroethene	8.238	164	2174m	0.390	ppbv	
53) Toluene	6.940	91	5195	0.306	ppbv	94
54) 1,2-Dibromoethane	7.665	107	3141m	0.403	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.937	131	2805	0.429	ppbv #	1
57) Chlorobenzene	8.927	112	5951	0.471	ppbv #	92
58) Ethyl Benzene	9.361	91	7056	0.318	ppbv	96
59) m/p-Xylene	9.558	91	10779m	0.603	ppbv	
60) o-Xylene	9.969	91	5948m	0.332	ppbv	
61) Styrene	9.882	104	2234	0.288	ppbv	94
62) Isopropylbenzene	10.545	105	9799	0.364	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	5140	0.458	ppbv	97
64) n-propylbenzene	10.998	120	2173	0.319	ppbv	95
65) tert-Butylbenzene	11.536	119	7462	0.307	ppbv	98
66) Benzyl Chloride	11.617	91	623	0.291	ppbv #	75
67) sec-Butylbenzene	11.775	105	10865	0.323	ppbv	97
69) p-Isopropyltoluene	11.934	119	8308	0.300	ppbv	97
70) n-Butylbenzene	12.287	91	7482	0.280	ppbv	95
71) 2-Chlorotoluene	10.908	91	6953	0.338	ppbv	98
72) 4-Ethyltoluene	11.131	105	6311	0.298	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.212	105	5206	0.297	ppbv	87
74) 1,2,4-Trimethylbenzene	11.539	105	5688	0.301	ppbv #	85
75) 1,3-Dichlorobenzene	11.610	146	5371	0.446	ppbv	96
76) 1,4-Dichlorobenzene	11.678	146	4865	0.409	ppbv	95
77) 1,2-Dichlorobenzene	11.953	146	5635	0.487	ppbv	95
78) Hexachloro-1,3-Butadiene	13.889	225	3926	0.457	ppbv	97
79) Naphthalene	13.520	128	2708	0.206	ppbv #	91
80) Naphthalene,2-methyl-	14.465	142	206	0.051	ppbv #	68
81) 1,2,4-Trichlorobenzene	13.445	180	2002	0.279	ppbv	94

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

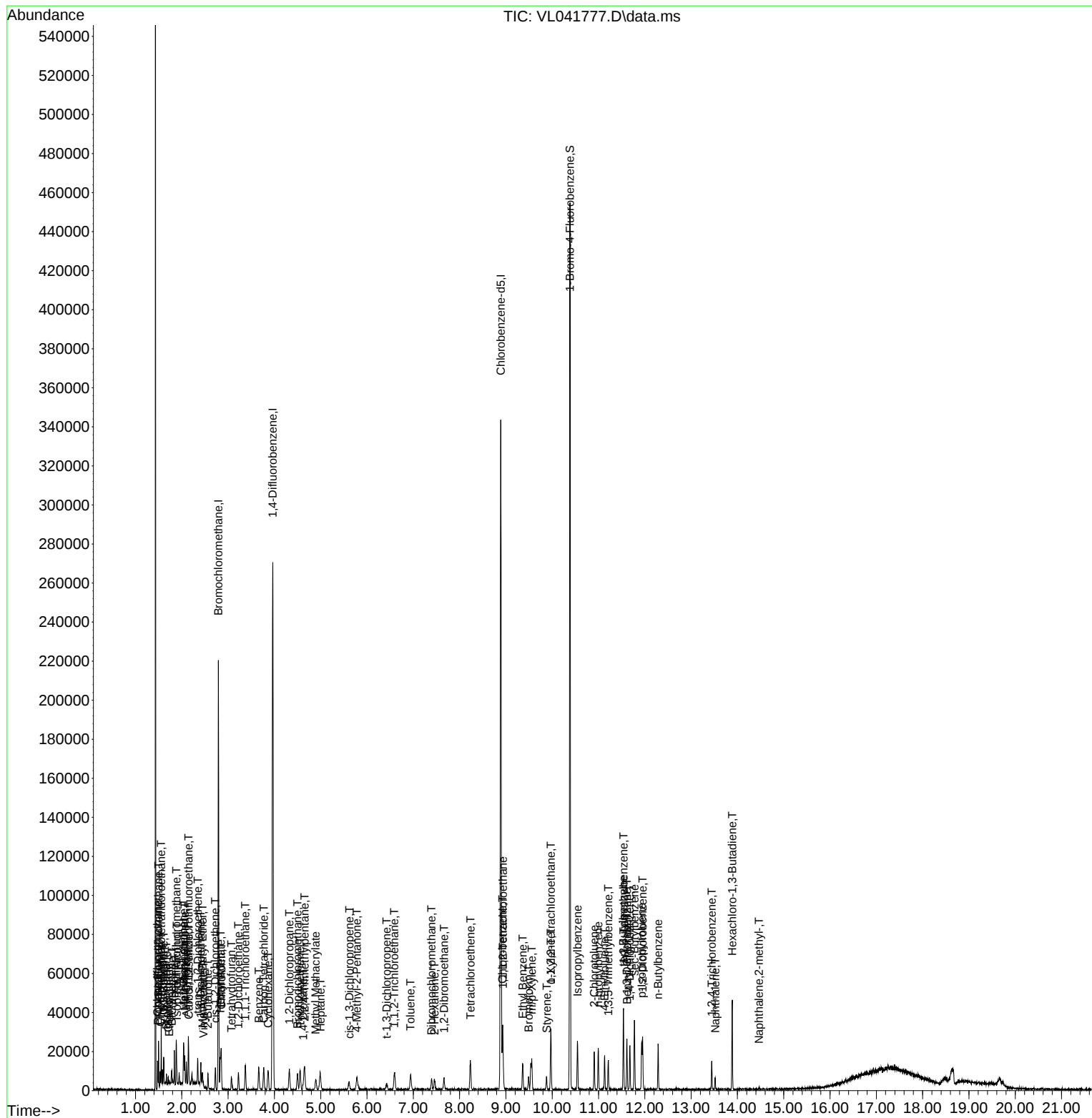
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
Data File : VL041777.D
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ALS Vial : 1 Sample Multiplier: 1

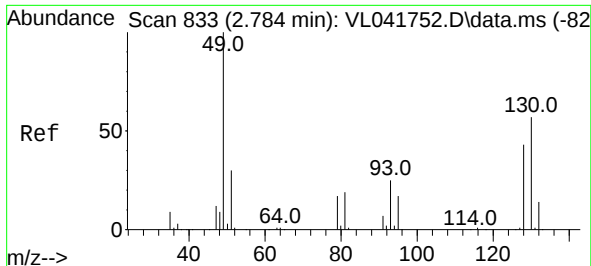
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Quant Time: Dec 21 03:15:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Mahesh Dadoda 12/18/2024
Supervised By : Semsettin Yesilyurt 12/18/2024





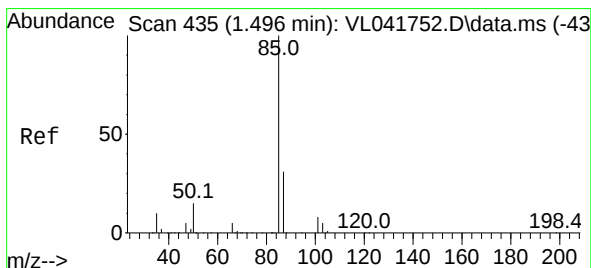
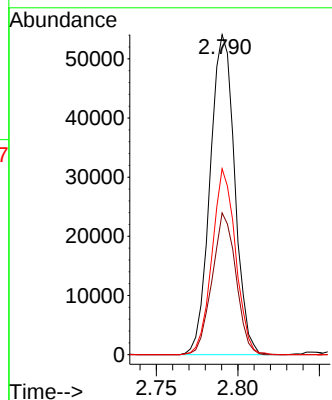
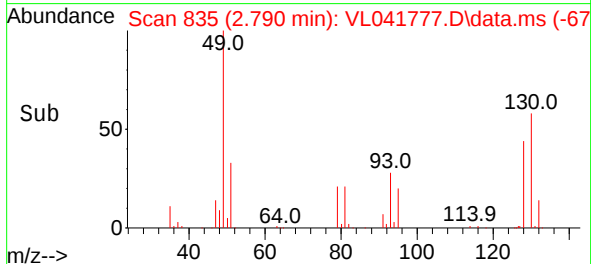
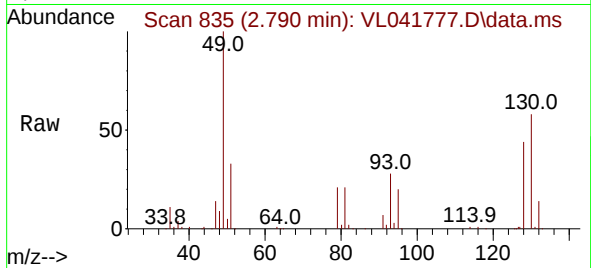
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 49 Resp: 5673
Ion Ratio Lower Upper
49 100
128 42.8 21.6 64.6
130 55.6 28.3 85.0

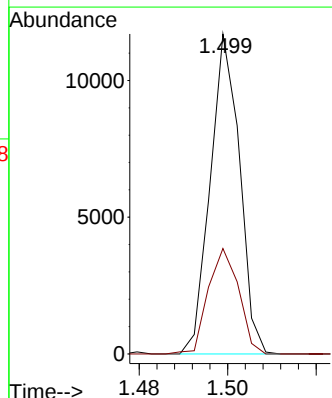
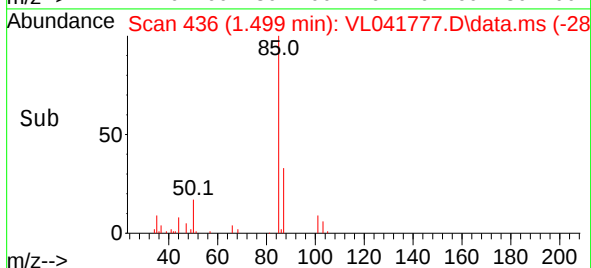
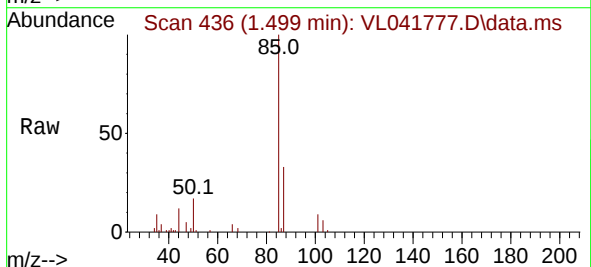
Manual Integrations
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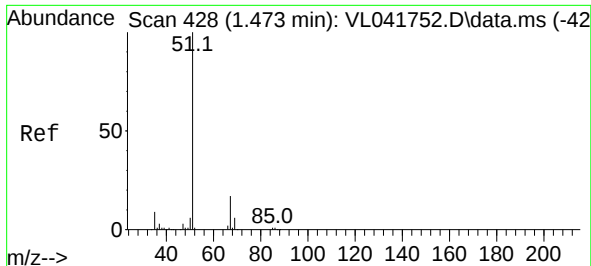
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#2
Dichlorodifluoromethane
Concen: 0.534 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 85 Resp: 5391
Ion Ratio Lower Upper
85 100
87 32.9 24.5 36.7





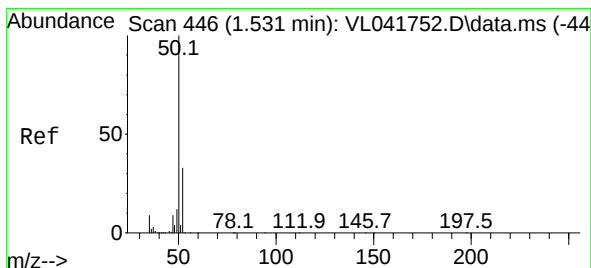
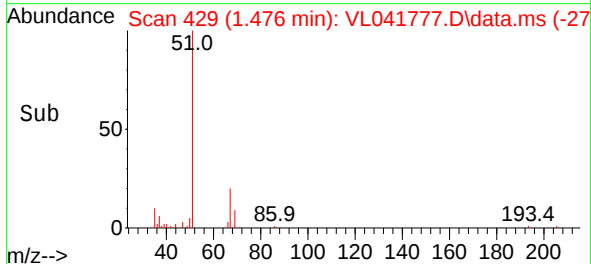
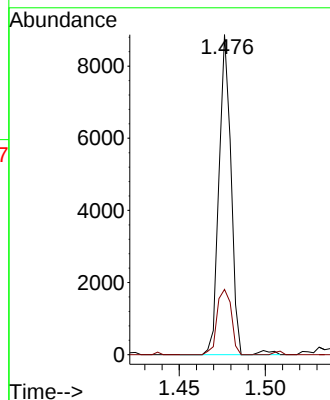
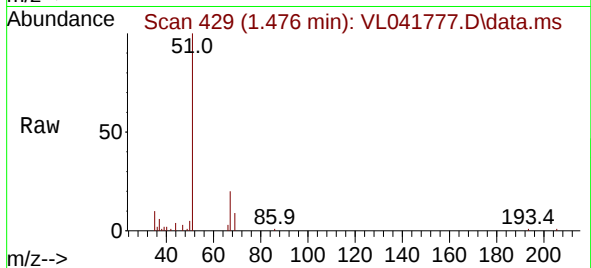
#3
Chlorodifluoromethane
Concen: 0.467 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 51 Resp: 432
Ion Ratio Lower Upper
51 100
67 24.1 15.0 22.4

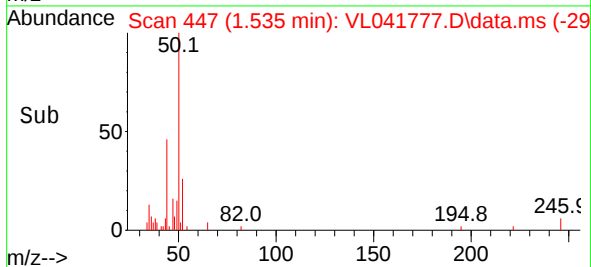
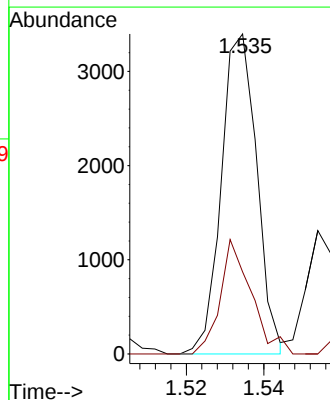
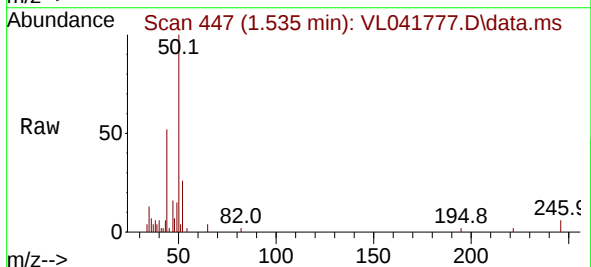
Manual Integrations
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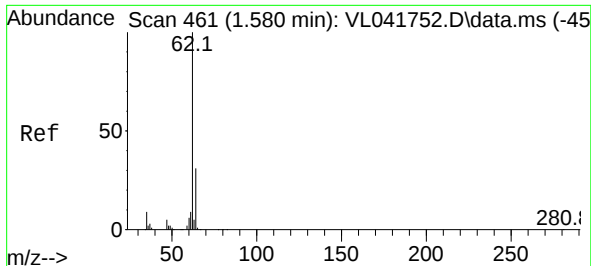
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#4
Chloromethane
Concen: 0.547 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

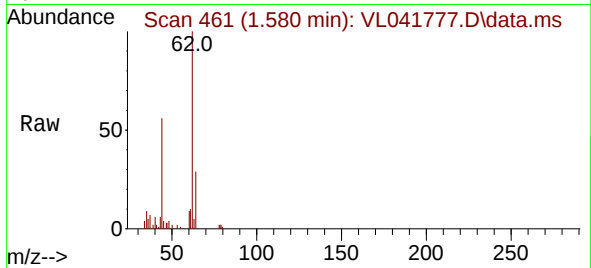
Tgt Ion: 50 Resp: 2159
Ion Ratio Lower Upper
50 100
52 25.6 26.2 39.2





#5
 Vinyl Chloride
 Concen: 0.454 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13

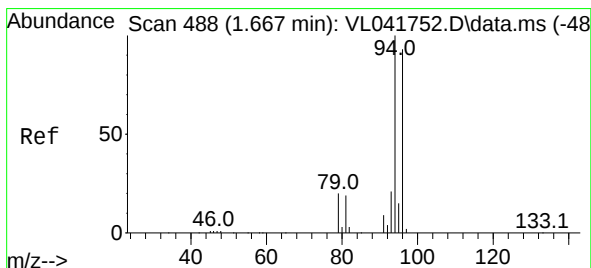
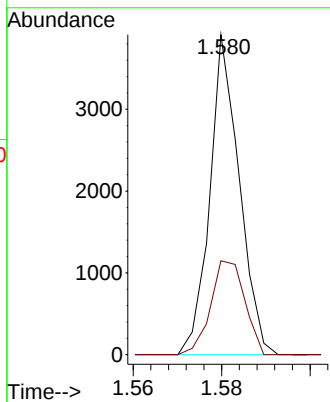
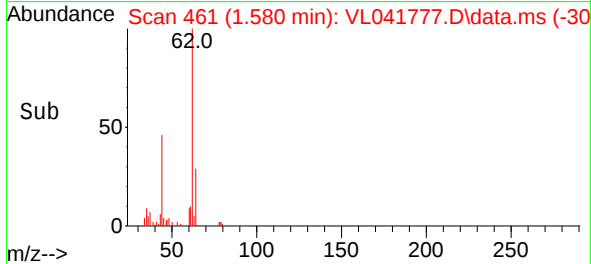
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 62 Resp: 180
 Ion Ratio Lower Upper
 62 100
 64 29.4 25.1 37.7

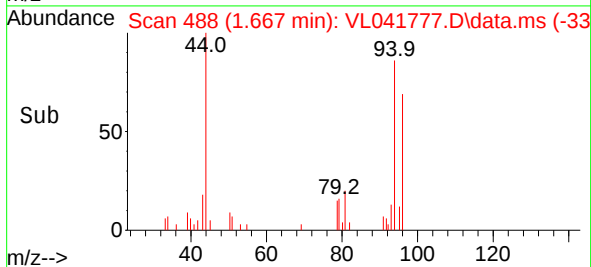
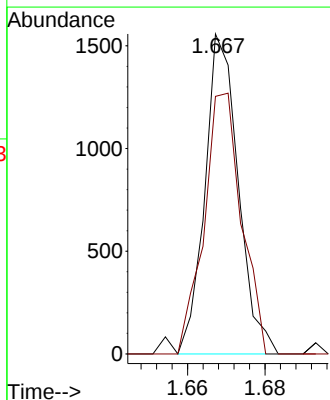
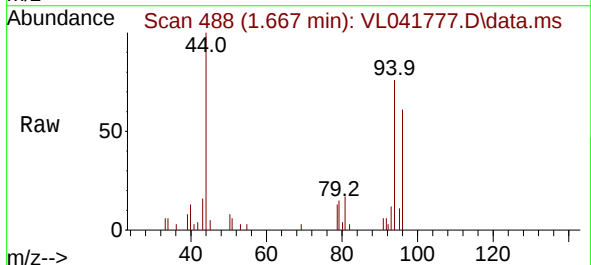
Manual Integrations
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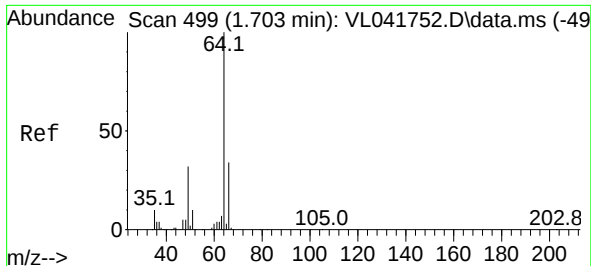
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#6
 Bromomethane
 Concen: 0.497 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13

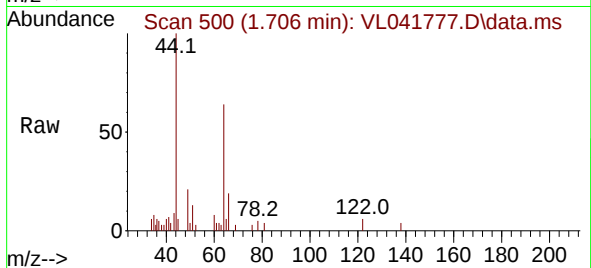
Tgt Ion: 94 Resp: 933
 Ion Ratio Lower Upper
 94 100
 96 80.5 74.7 112.1





#7
Chloroethane
Concen: 0.466 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

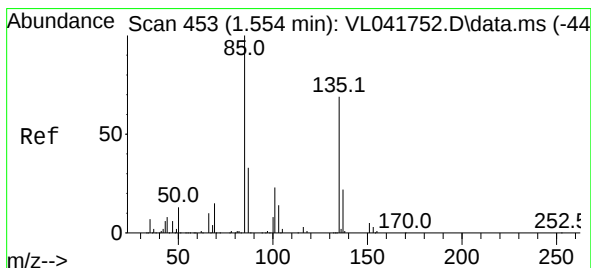
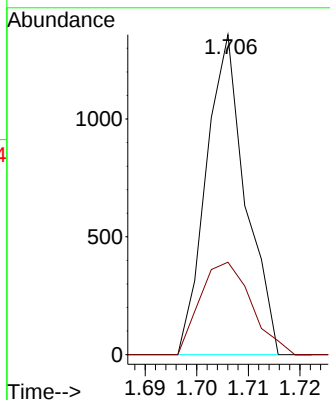
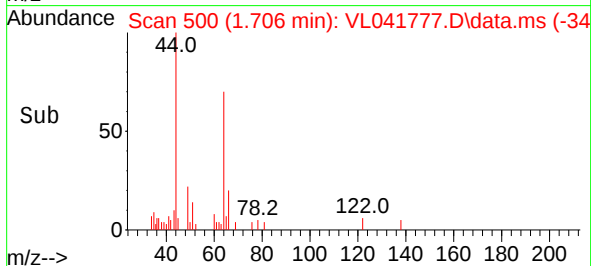
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 28.9 27.5 41.3

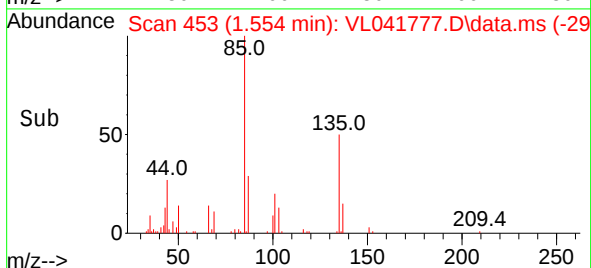
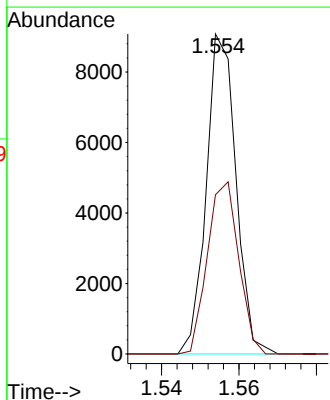
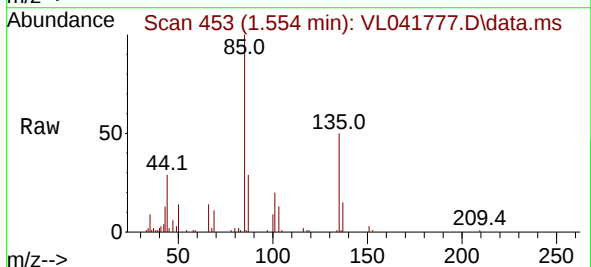
Manual Integrations
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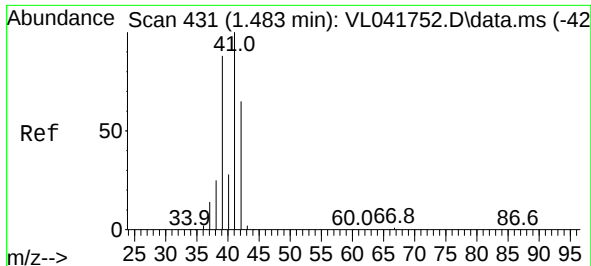
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#8
Dichlorotetrafluoroethane
Concen: 0.535 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 85 Resp: 4832
Ion Ratio Lower Upper
85 100
135 56.8 51.9 77.9





#9

Propene

Concen: 0.405 ppbv m

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 41 Resp: 162

Ion Ratio Lower Upper

41 100

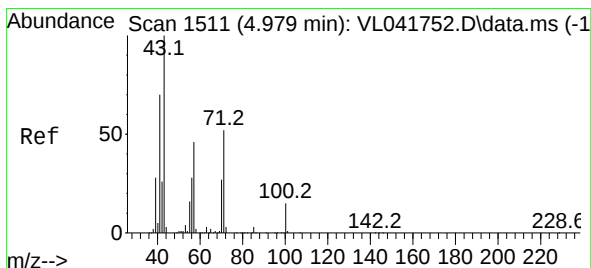
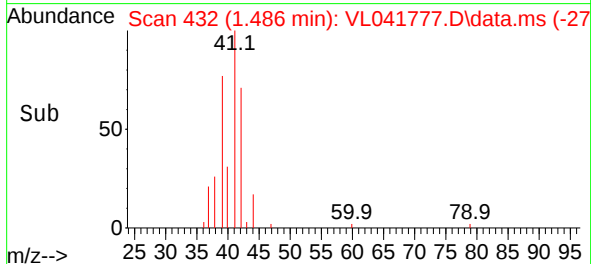
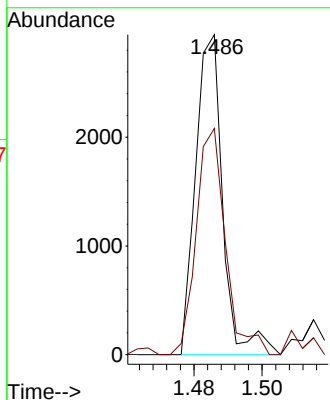
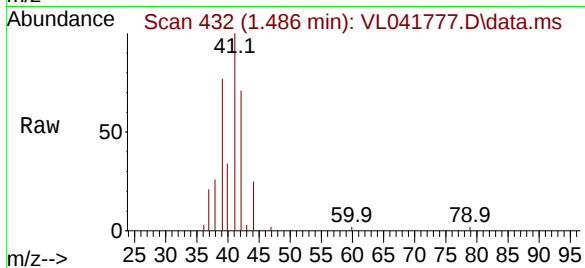
42 4.1 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#10

Heptane

Concen: 0.308 ppbv m

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL041777.D

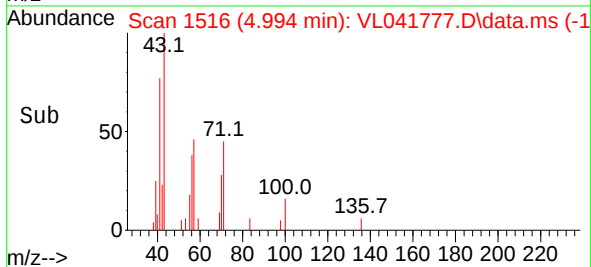
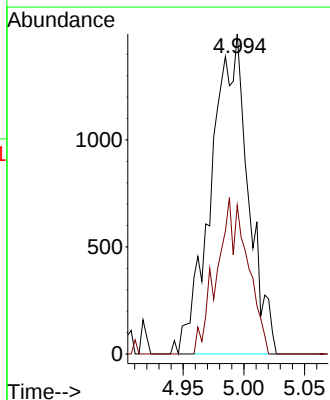
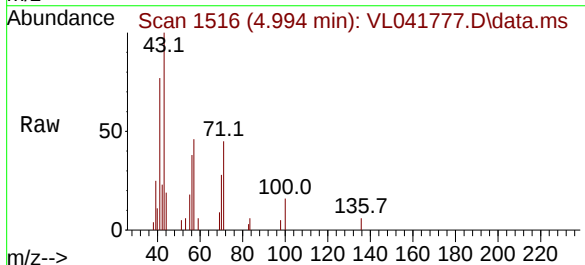
Acq: 17 Dec 2024 14:13

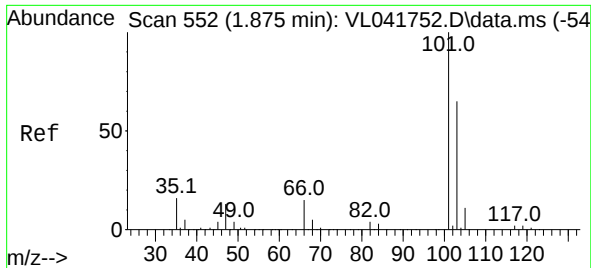
Tgt Ion: 43 Resp: 3176

Ion Ratio Lower Upper

43 100

57 40.5 38.5 57.7





#11

Trichlorofluoromethane

Concen: 0.532 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:101 Resp: 5709

Ion Ratio Lower Upper

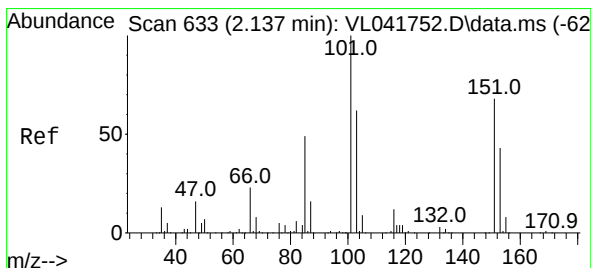
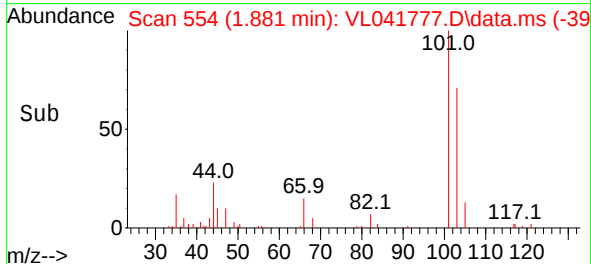
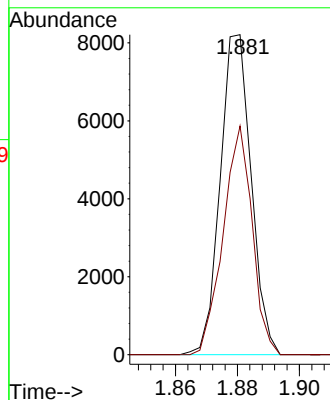
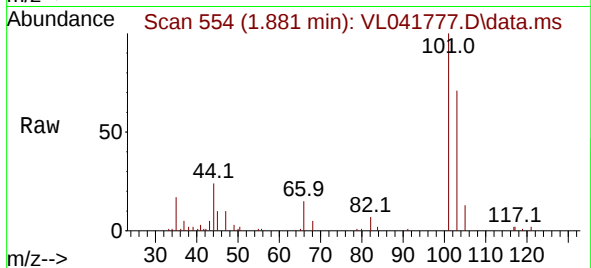
101 100

103 71.5 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.485 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041777.D

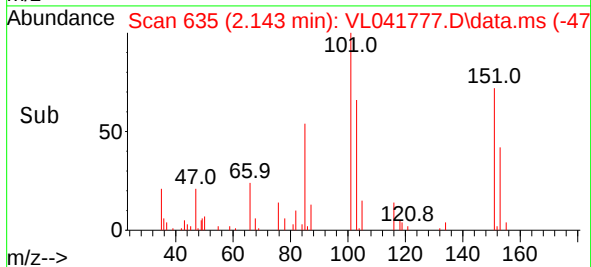
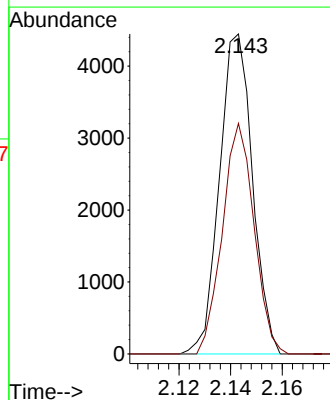
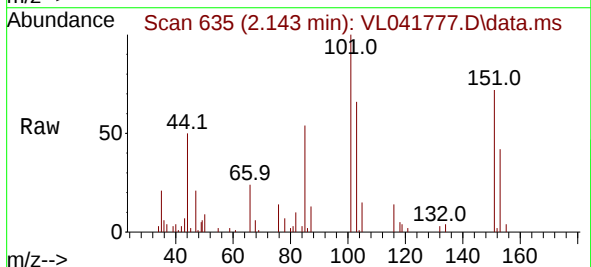
Acq: 17 Dec 2024 14:13

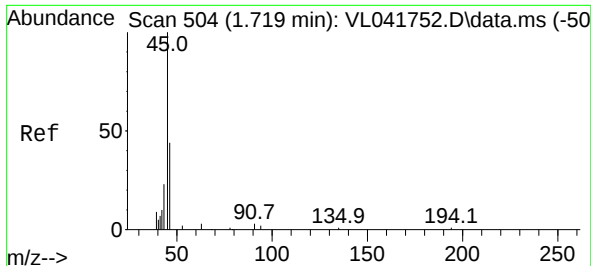
Tgt Ion:101 Resp: 3952

Ion Ratio Lower Upper

101 100

151 69.2 56.8 85.2





#13

Ethanol

Concen: 1.771 ppbv

RT: 1.725 min Scan# 506

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 45 Resp: 588

Ion Ratio Lower Upper

45 100

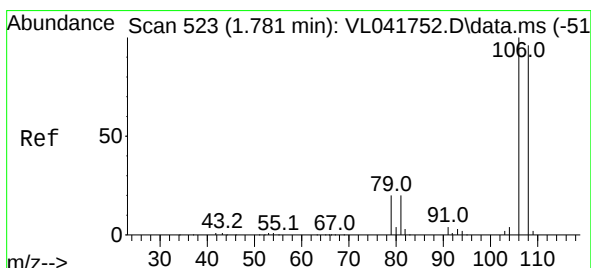
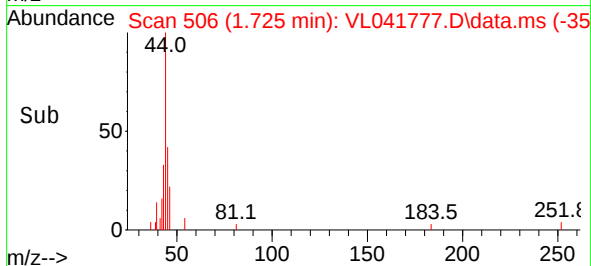
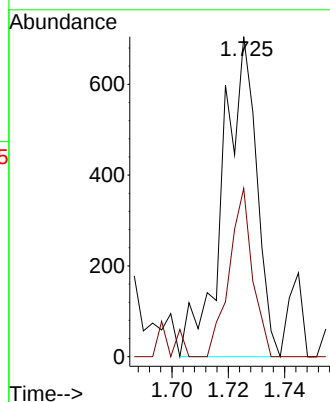
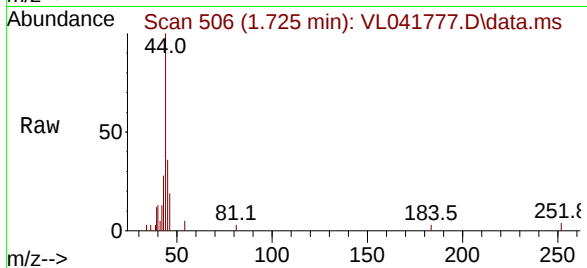
46 40.8 16.4 65.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#14

Bromoethene

Concen: 0.401 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

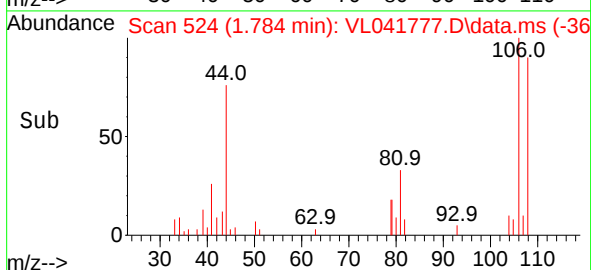
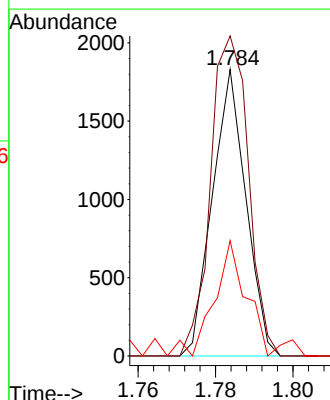
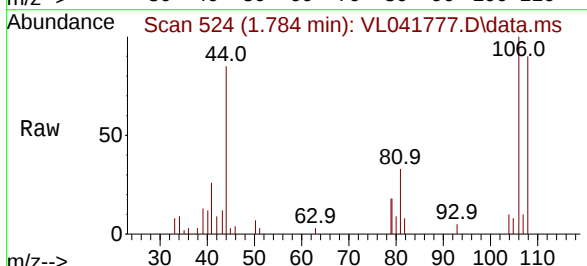
Tgt Ion:108 Resp: 1104

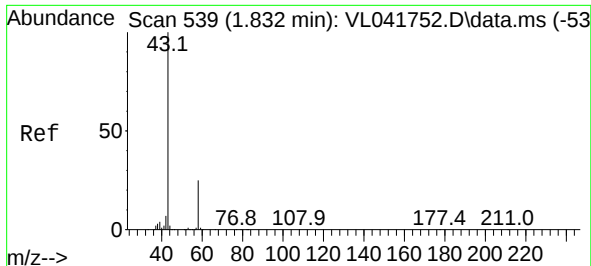
Ion Ratio Lower Upper

108 100

106 125.6 84.1 126.1

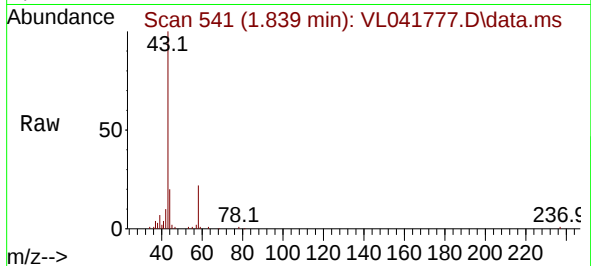
79 45.3 17.4 26.0#





#15
Acetone
Concen: 0.605 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

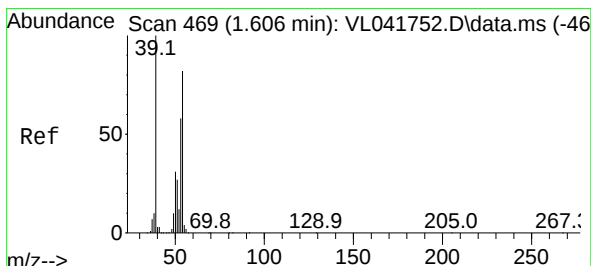
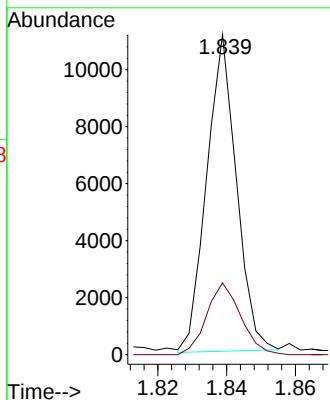
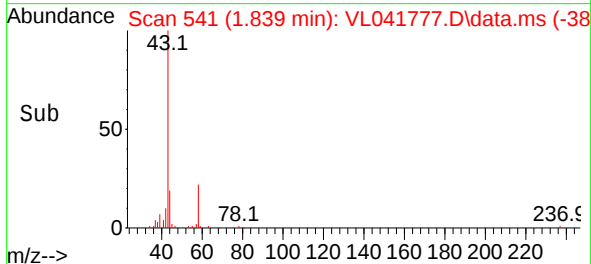
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



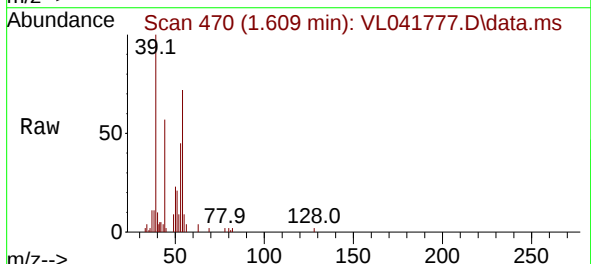
Tgt Ion: 43 Resp: 6680
Ion Ratio Lower Upper
43 100
58 25.9 19.7 29.5

Manual Integrations
APPROVED

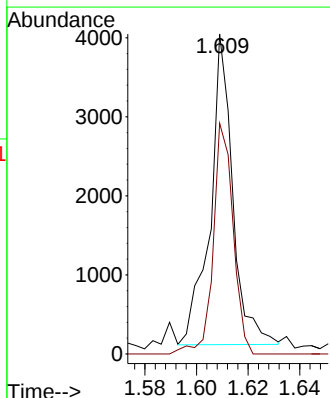
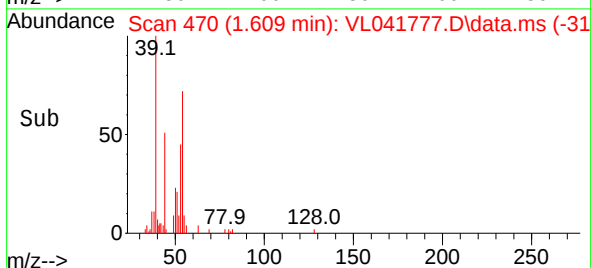
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

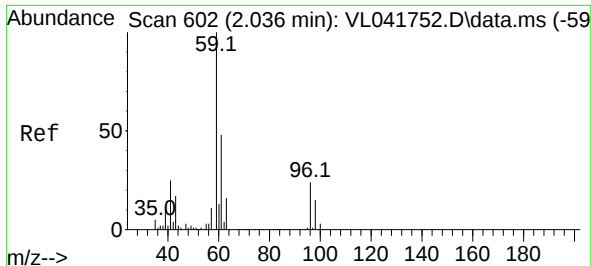


#16
1,3-Butadiene
Concen: 0.547 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



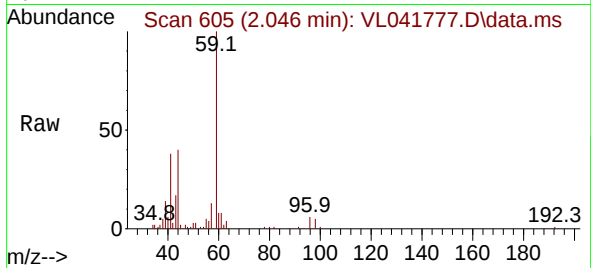
Tgt Ion: 39 Resp: 2378
Ion Ratio Lower Upper
39 100
54 65.5 58.4 87.6





#17
tert-Butyl alcohol
Concen: 0.493 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

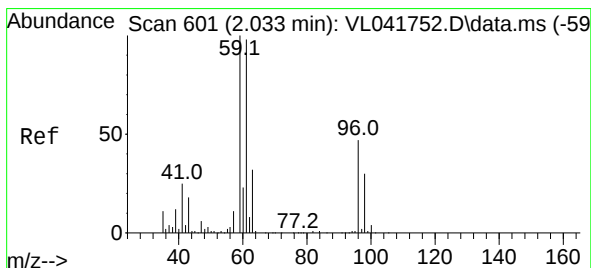
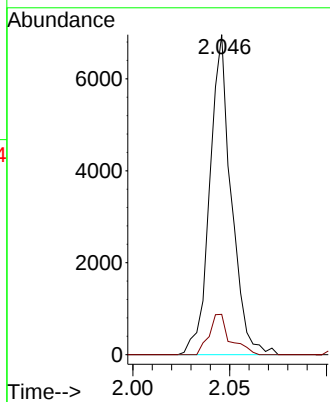
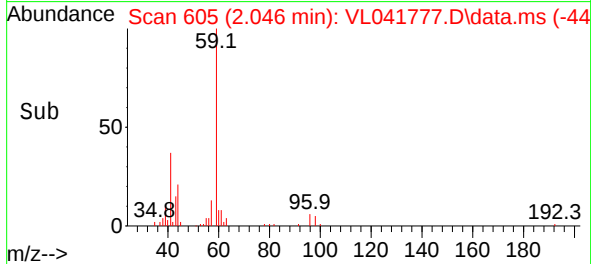
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 59 Resp: 5390
Ion Ratio Lower Upper
59 100
57 12.2 8.6 13.0

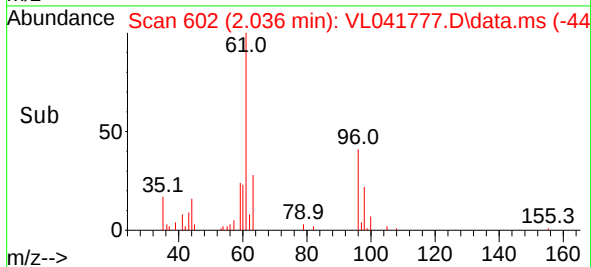
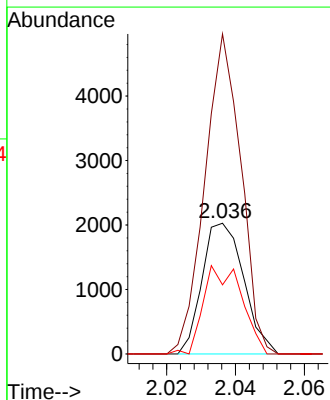
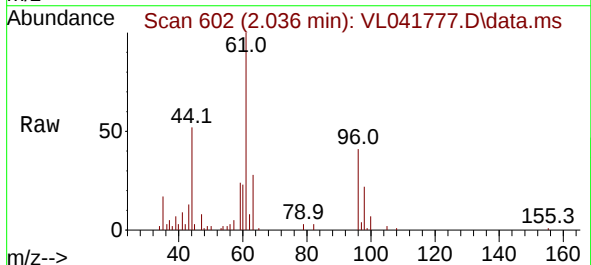
Manual Integrations
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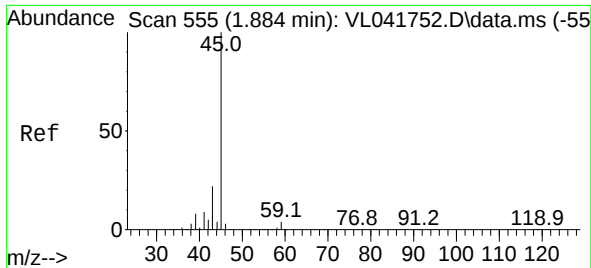
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#18
1,1-Dichloroethene
Concen: 0.498 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

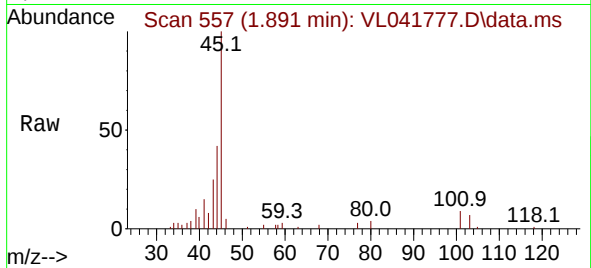
Tgt Ion: 96 Resp: 1704
Ion Ratio Lower Upper
96 100
61 244.8 167.7 251.5
98 52.9 51.1 76.7





#19
Isopropyl Alcohol
Concen: 0.597 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

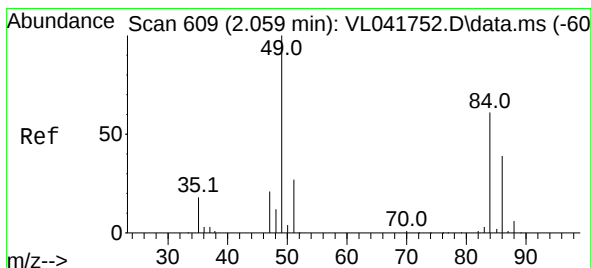
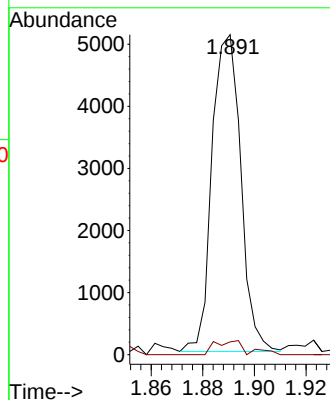
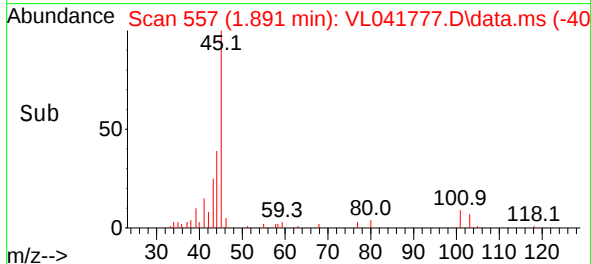
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



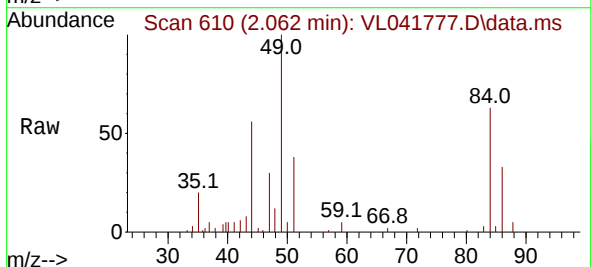
Tgt Ion: 45 Resp: 395
Ion Ratio Lower Upper
45 100
58 5.0 33.3 49.9

Manual Integrations
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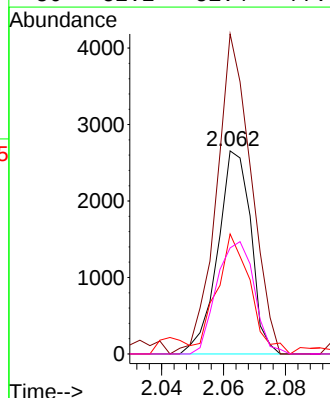
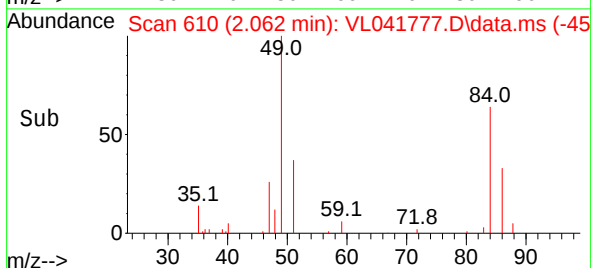
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#20
Methylene Chloride
Concen: 0.626 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



Tgt Ion: 84 Resp: 1971
Ion Ratio Lower Upper
84 100
49 157.6 132.6 198.8
51 53.8 37.6 56.4
86 52.2 51.4 77.0





#21

Allyl Chloride

Concen: 0.461 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

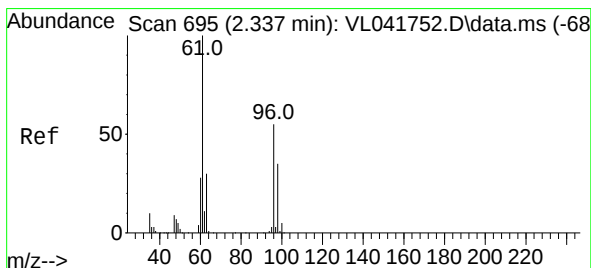
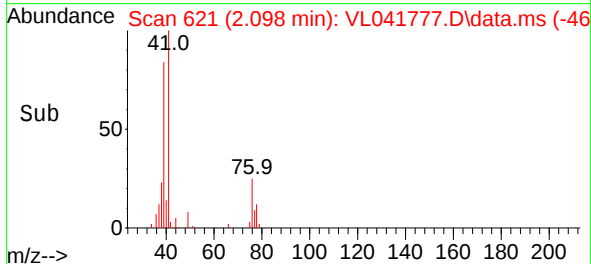
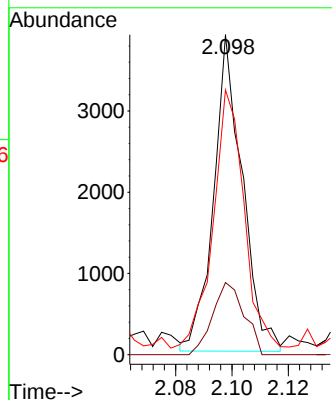
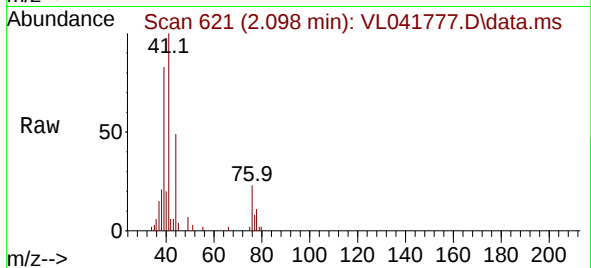
MDL 0.4

Tgt Ion: 41	Resp: 2760
Ion Ratio	Lower Upper
41	100
76	25.0 22.3 33.5
39	93.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#22

trans-1,2-Dichloroethene

Concen: 0.438 ppbv

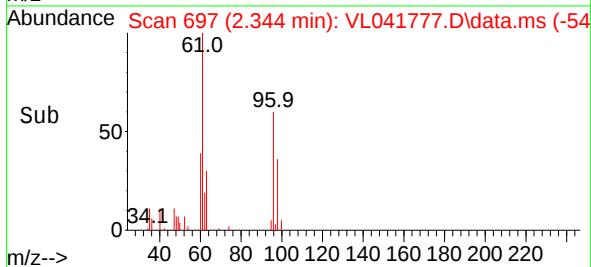
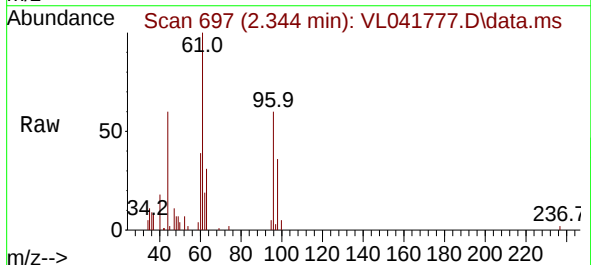
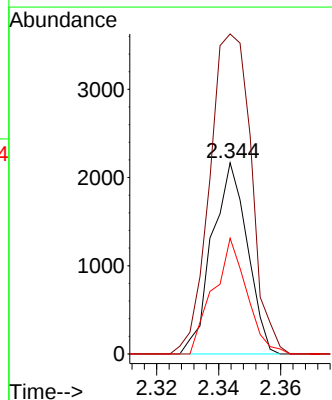
RT: 2.344 min Scan# 697

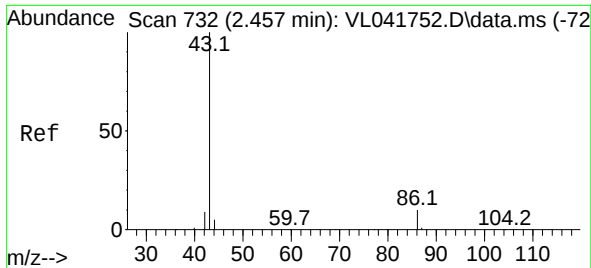
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

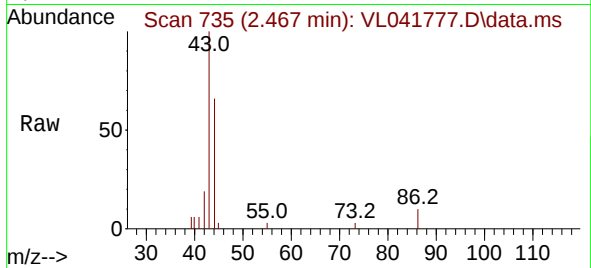
Tgt Ion: 96	Resp: 1715
Ion Ratio	Lower Upper
96	100
61	163.6 146.3 219.5
98	60.5 50.8 76.2





#23
Vinyl Acetate
Concen: 0.359 ppbv m
RT: 2.467 min Scan# 718
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

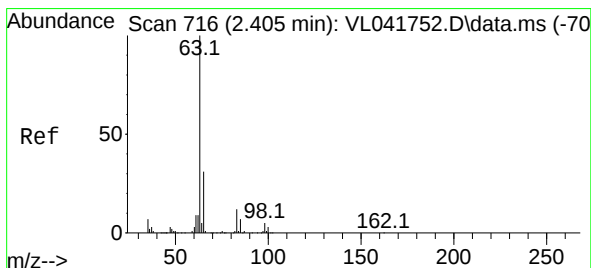
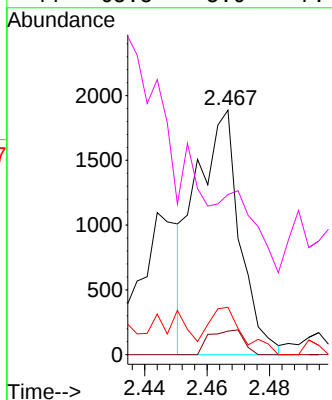
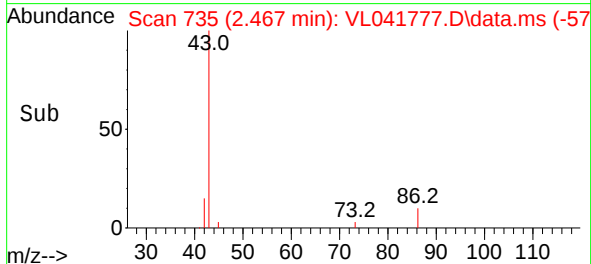
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
86 9.6 6.6 10.0
42 19.4 8.2 12.2
44 65.5 5.0 7.4#

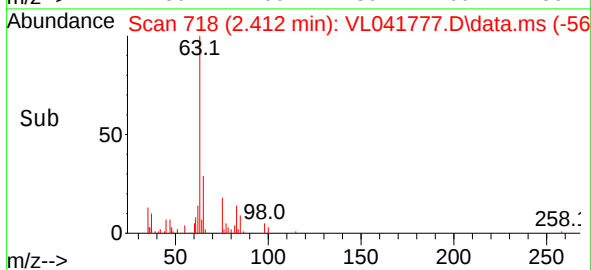
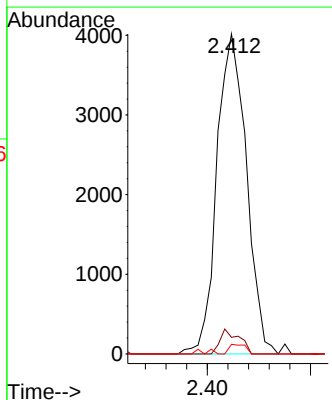
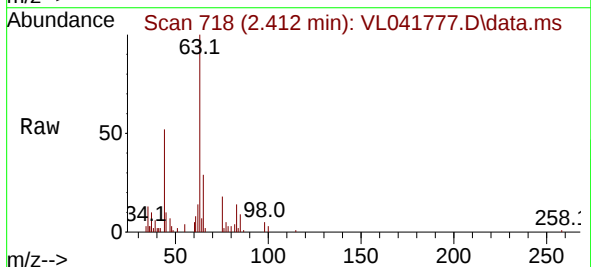
Manual Integrations
APPROVED

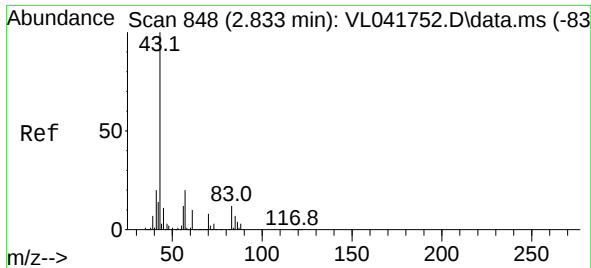
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#24
1,1-Dichloroethane
Concen: 0.504 ppbv
RT: 2.412 min Scan# 718
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 63 Resp: 3993
Ion Ratio Lower Upper
63 100
98 5.2 2.3 6.8
100 3.0 1.4 4.2





#25

Ethyl Acetate

Concen: 0.378 ppbv

RT: 2.842 min Scan# 848

Delta R.T. 0.010 min

Lab File: VL041777.D

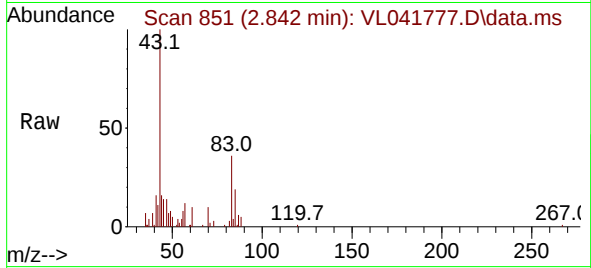
Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion: 43 Resp: 7770

Ion Ratio Lower Upper

43 100

45 11.5 8.1 12.1

61 9.4 7.0 10.6

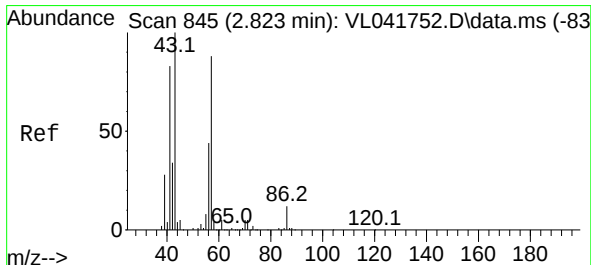
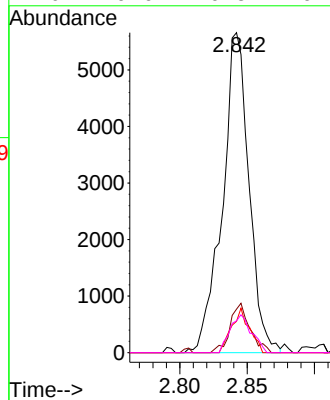
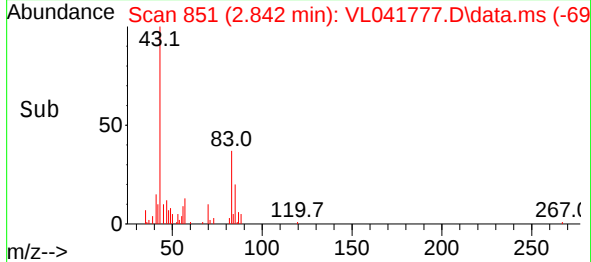
70 9.6 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#26

Hexane

Concen: 0.362 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 57 Resp: 2818

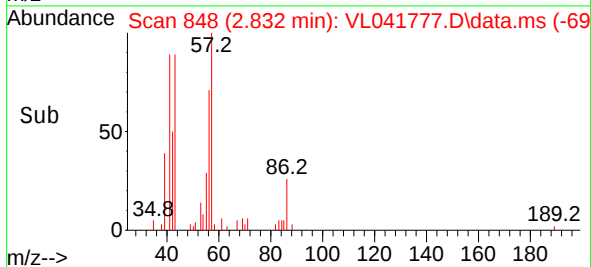
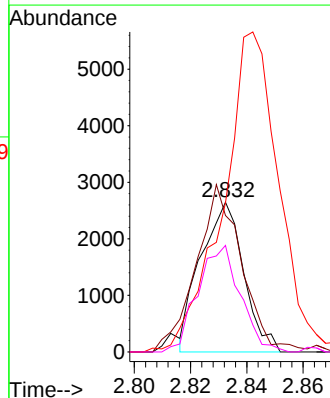
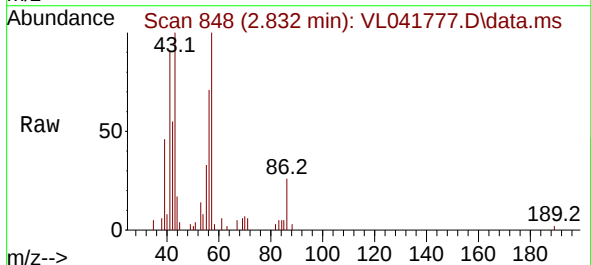
Ion Ratio Lower Upper

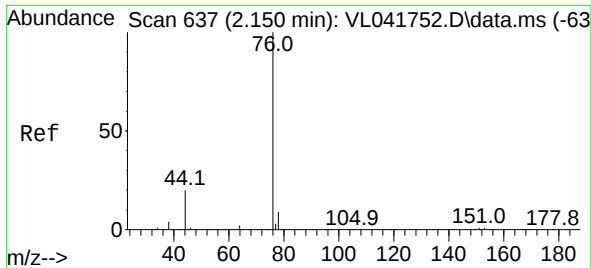
57 100

41 118.4 79.6 119.4

43 283.3 211.0 316.6

56 71.2 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.300 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

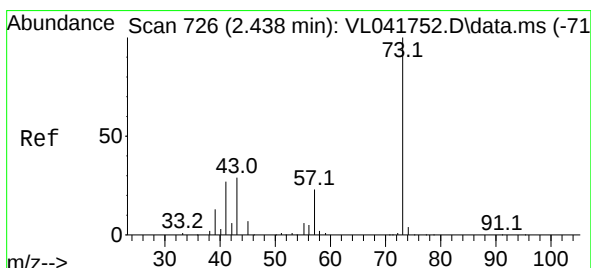
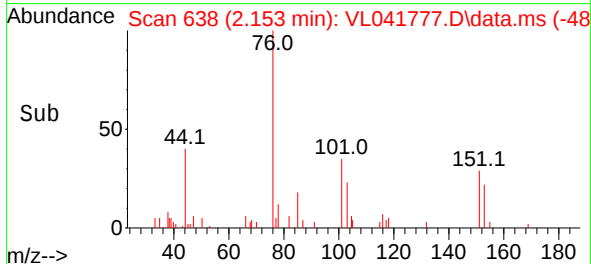
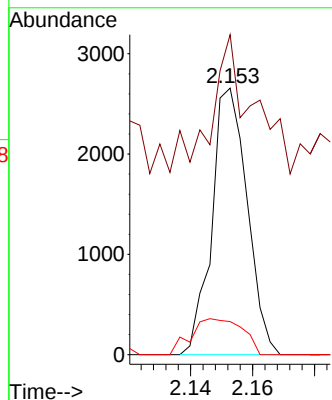
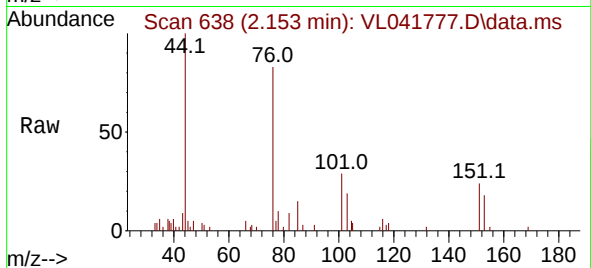
Tgt Ion: 76 Resp: 2100

Ion	Ratio	Lower	Upper
76	100		
44	140.0	17.6	26.4
78	19.6	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#28

Methyl tert-Butyl Ether

Concen: 0.435 ppbv m

RT: 2.447 min Scan# 729

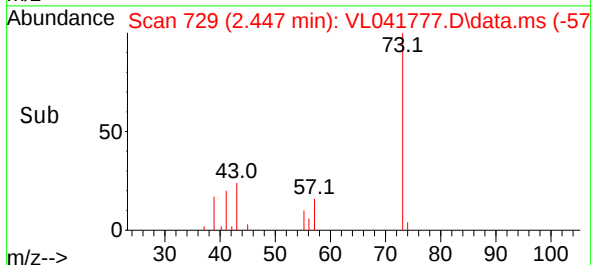
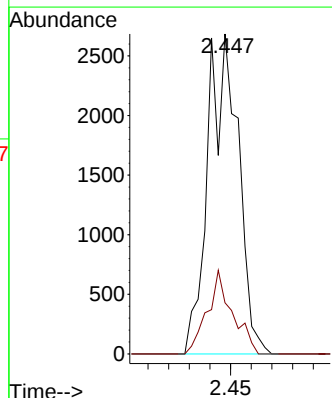
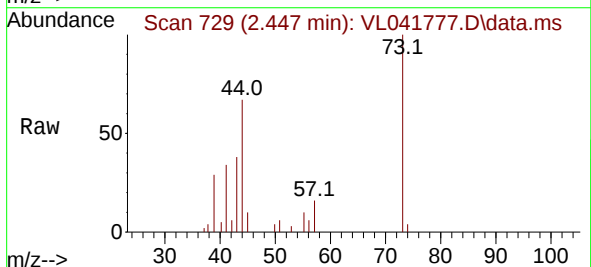
Delta R.T. 0.010 min

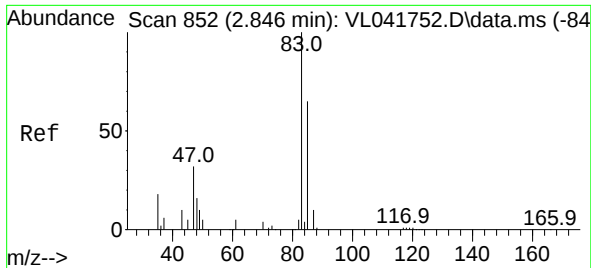
Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 73 Resp: 2750

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.6	26.4





#29

Chloroform

Concen: 0.496 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 83 Resp: 588

Ion Ratio Lower Upper

83 100

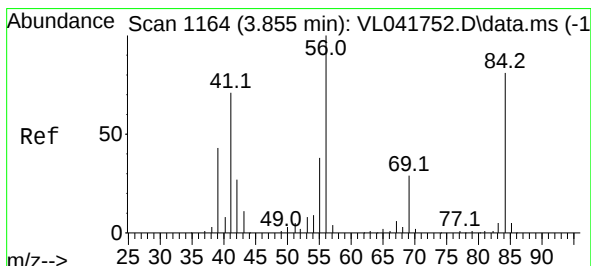
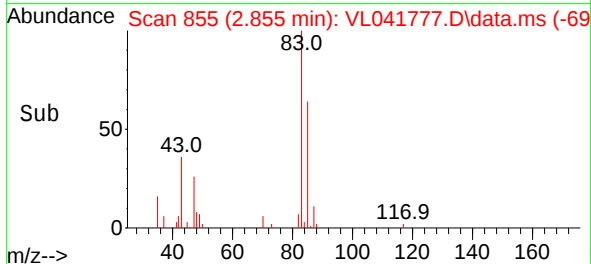
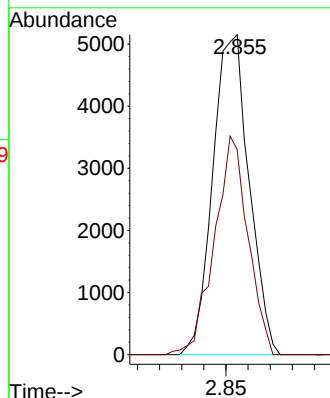
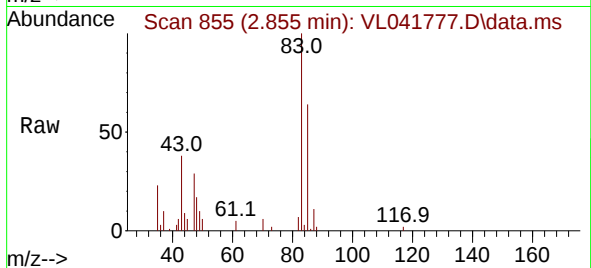
85 64.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#30

Cyclohexane

Concen: 0.296 ppbv m

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

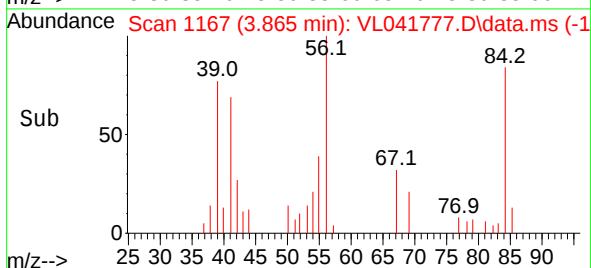
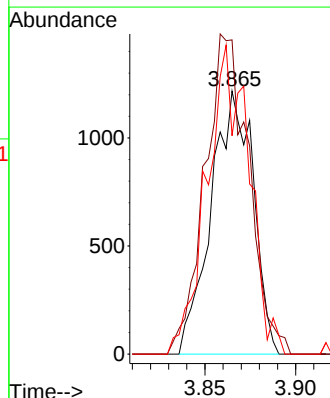
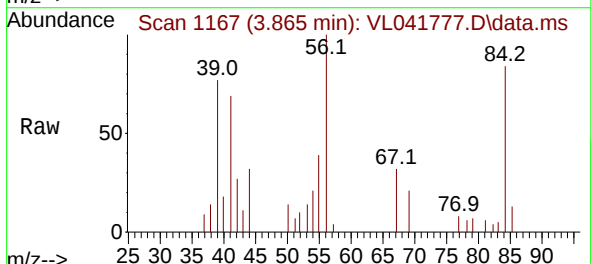
Tgt Ion: 84 Resp: 1963

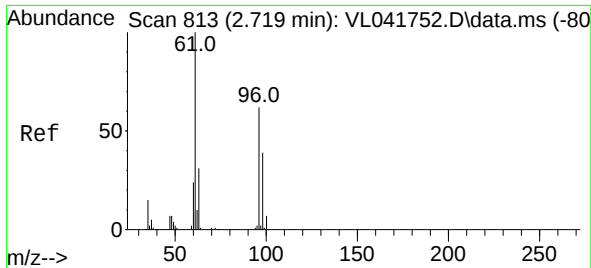
Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 0.0 74.0 111.0#





#31

cis-1,2-Dichloroethene

Concen: 0.410 ppbv

RT: 2.726 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

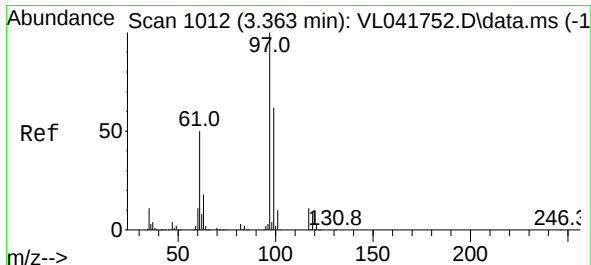
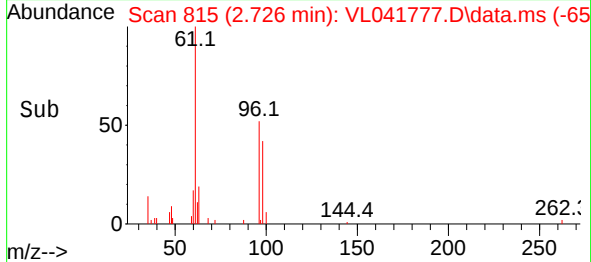
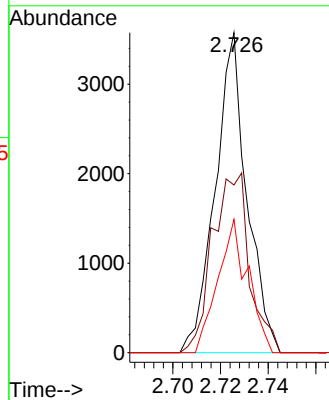
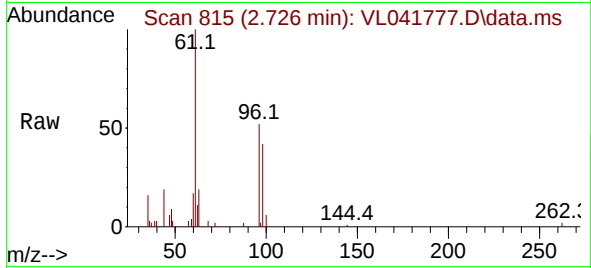
Tgt Ion:	61	Resp:	3300
Ion Ratio	Lower	Upper	
61	100		
96	52.4	49.7	74.5
98	41.7	30.8	46.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#32

1,1,1-Trichloroethane

Concen: 0.378 ppbv

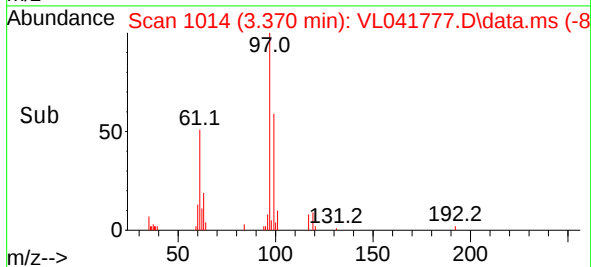
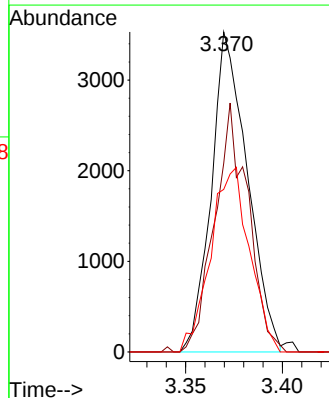
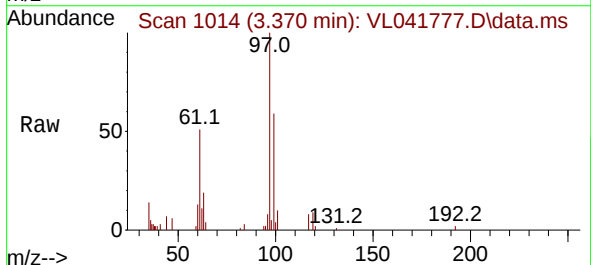
RT: 3.370 min Scan# 1014

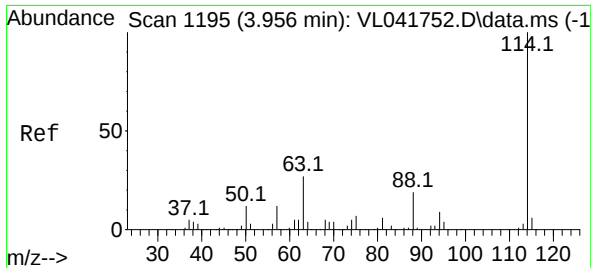
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion:	97	Resp:	4566
Ion Ratio	Lower	Upper	
97	100		
99	72.4	51.0	76.4
61	62.5	42.2	63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

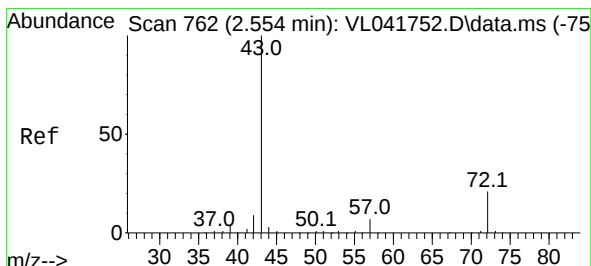
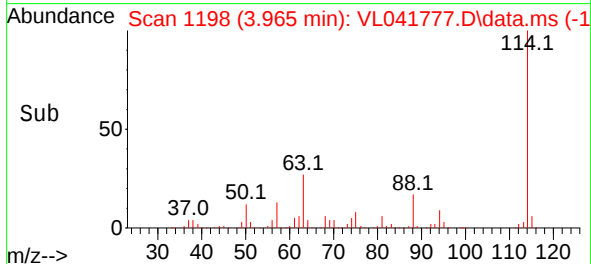
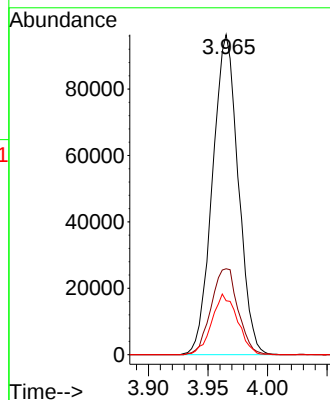
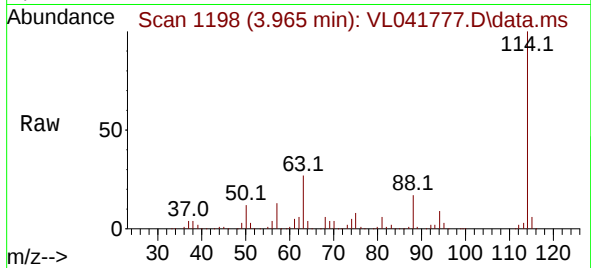
Tgt Ion:114 Resp: 144763

Ion	Ratio	Lower	Upper
114	100		
63	28.1	21.8	32.8
88	19.0	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#34

2-Butanone

Concen: 0.424 ppbv

RT: 2.564 min Scan# 765

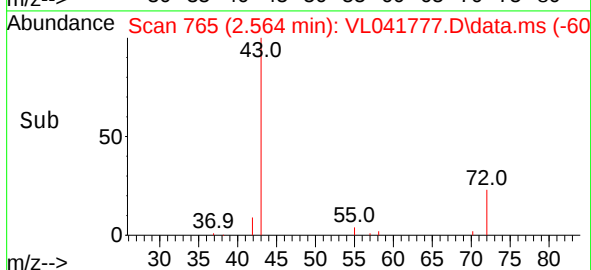
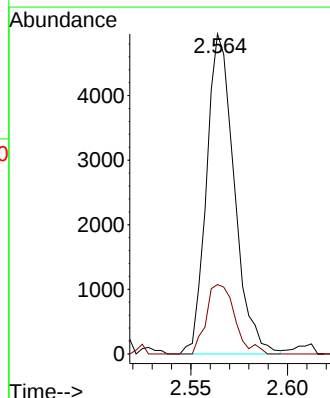
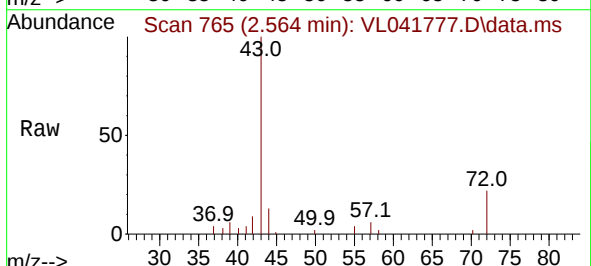
Delta R.T. 0.010 min

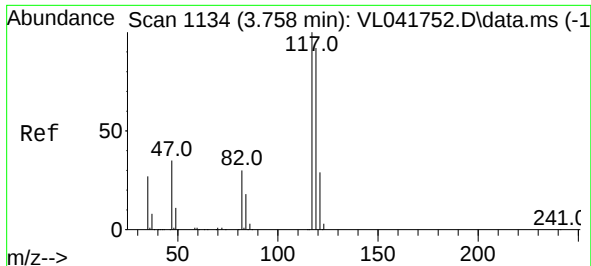
Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 43 Resp: 4940

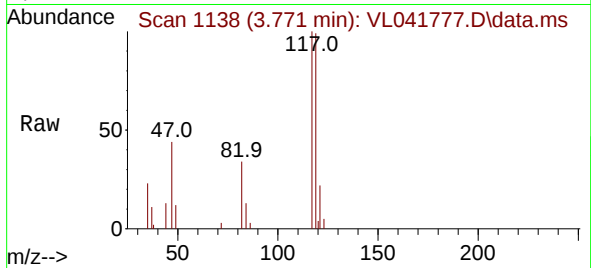
Ion	Ratio	Lower	Upper
43	100		
72	22.3	16.8	25.2





#35
Carbon Tetrachloride
Concen: 0.404 ppbv
RT: 3.771 min Scan# 1134
Delta R.T. 0.013 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

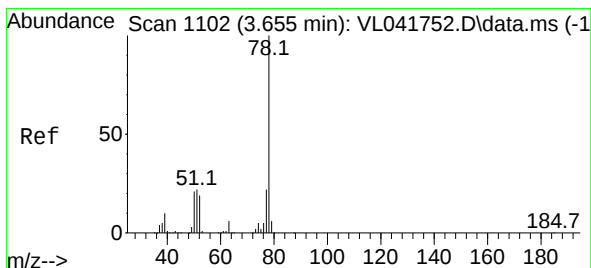
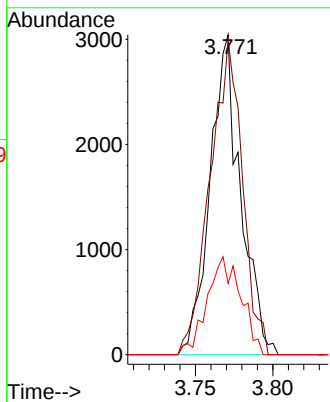
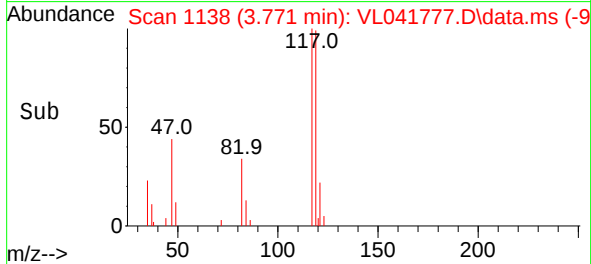
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:117 Resp: 414
Ion Ratio Lower Upper
117 100
119 98.7 73.7 110.5
121 22.2 23.0 34.4

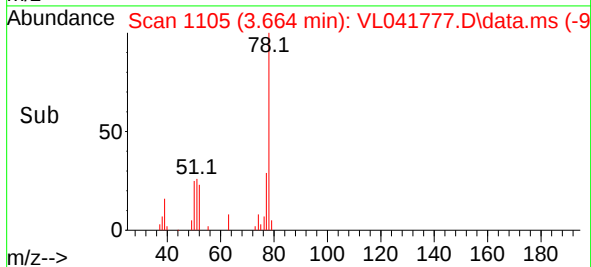
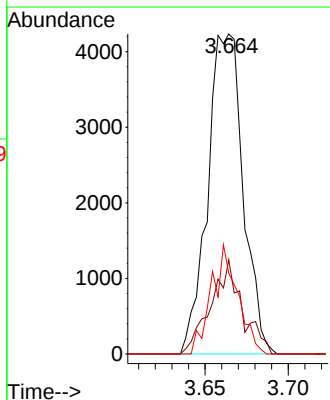
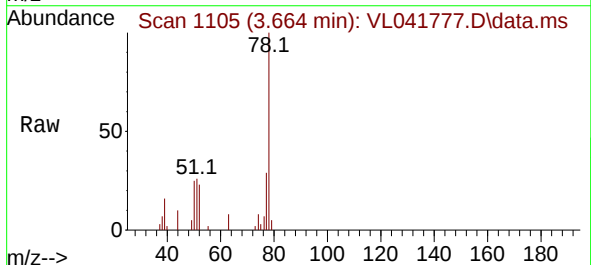
Manual Integrations
APPROVED

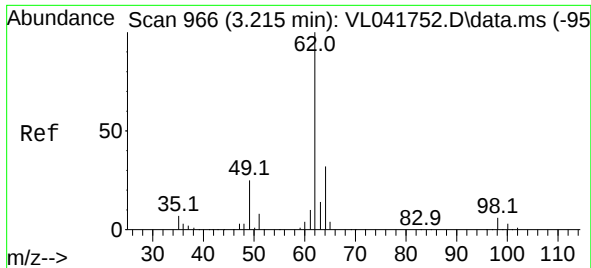
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#36
Benzene
Concen: 0.420 ppbv m
RT: 3.664 min Scan# 1105
Delta R.T. 0.009 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

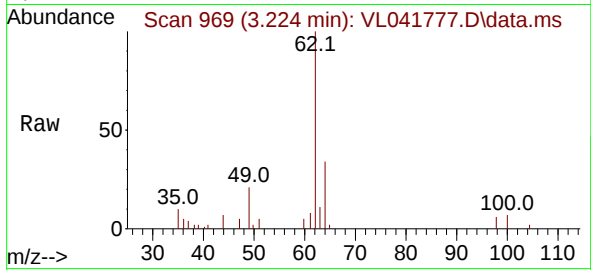
Tgt Ion: 78 Resp: 6289
Ion Ratio Lower Upper
78 100
77 29.4 17.8 26.6#
50 25.2 17.2 25.8





#37
1,2-Dichloroethane
Concen: 0.518 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

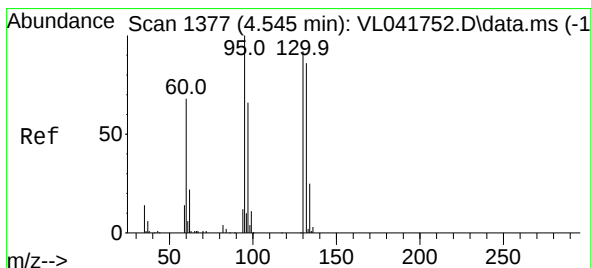
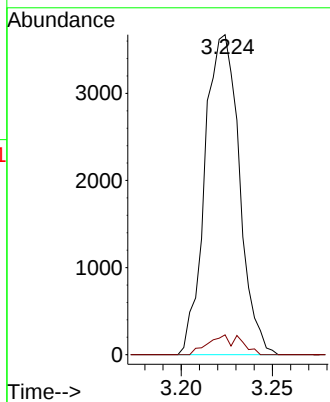
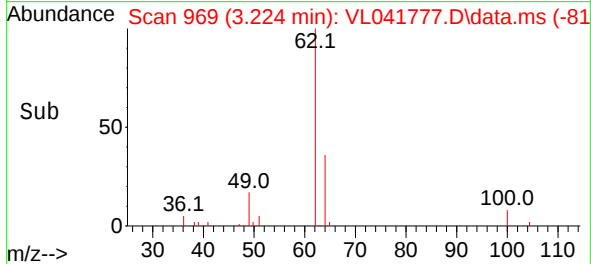
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 62 Resp: 482
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1

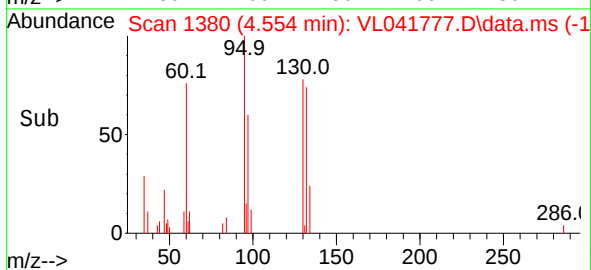
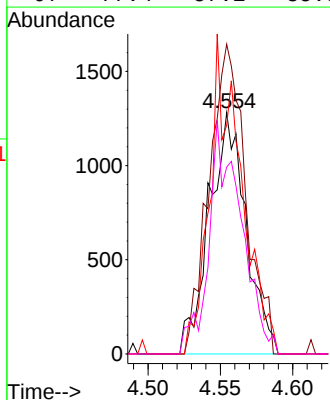
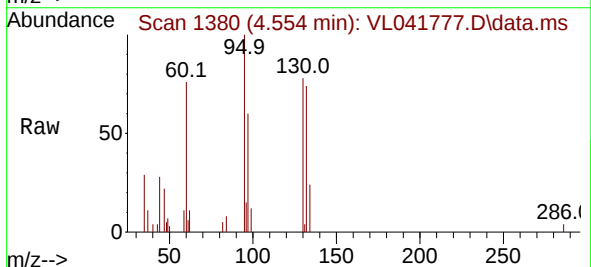
Manual Integrations
APPROVED

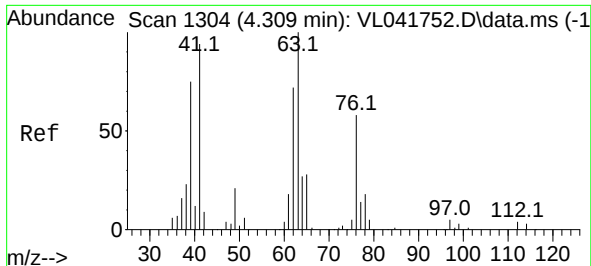
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#38
Trichloroethene
Concen: 0.357 ppbv m
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion:130 Resp: 2268
Ion Ratio Lower Upper
130 100
95 128.4 87.0 130.6
132 94.8 75.0 112.6
97 77.4 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.461 ppbv

RT: 4.324 min Scan# 1400

Delta R.T. 0.016 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

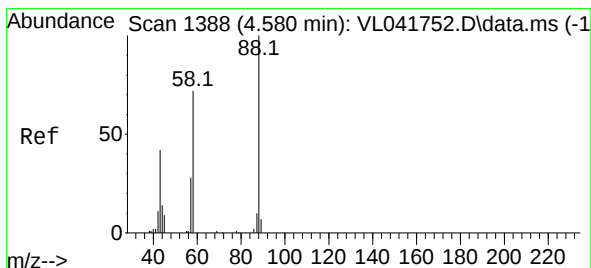
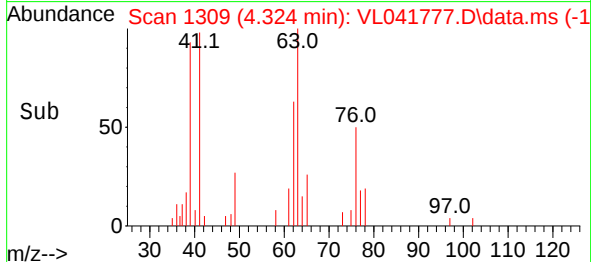
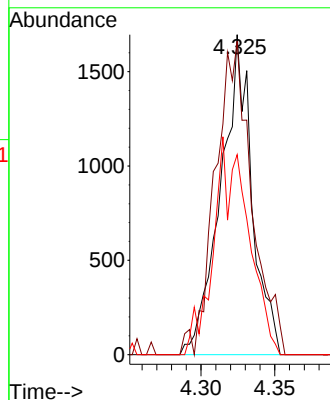
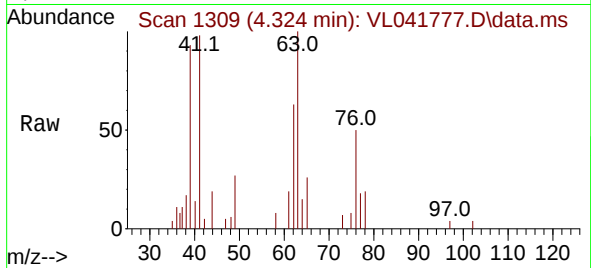
Tgt Ion: 63 Resp: 249

Ion	Ratio	Lower	Upper
63	100		
41	97.9	75.3	112.9
62	62.5	57.3	85.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#40

1,4-Dioxane

Concen: 0.354 ppbv m

RT: 4.619 min Scan# 1400

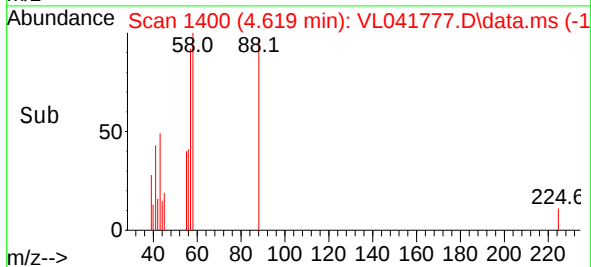
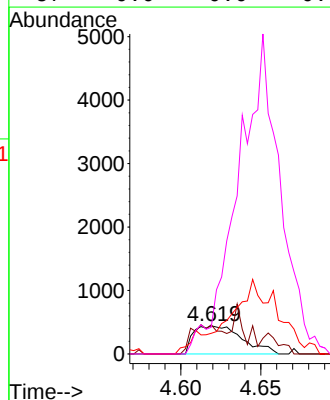
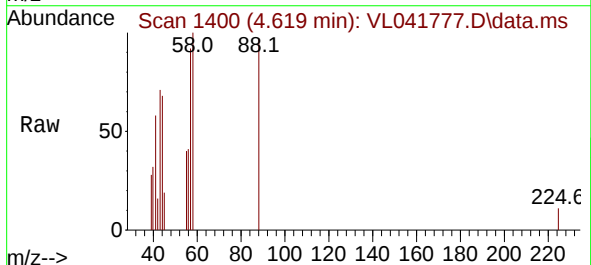
Delta R.T. 0.039 min

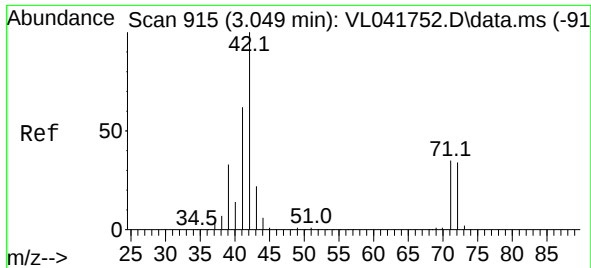
Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 88 Resp: 937

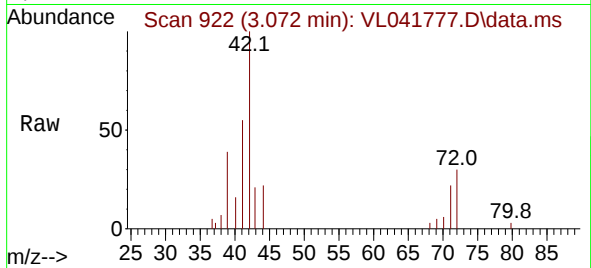
Ion	Ratio	Lower	Upper
88	100		
58	4.8	61.0	91.6#
43	0.0	29.4	44.0#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.354 ppbv m
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

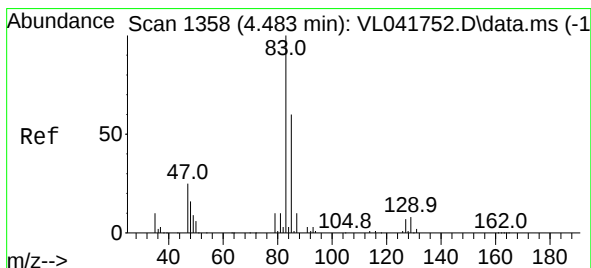
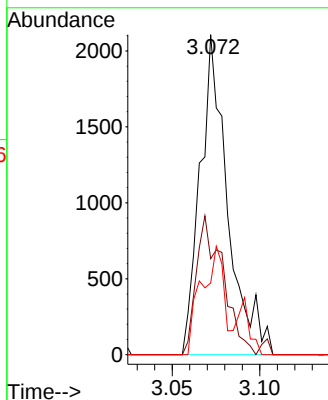
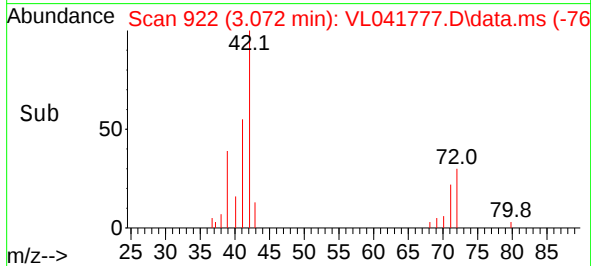
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 42 Resp: 2308
Ion Ratio Lower Upper
42 100
72 43.4 29.1 43.7
71 35.6 28.4 42.6

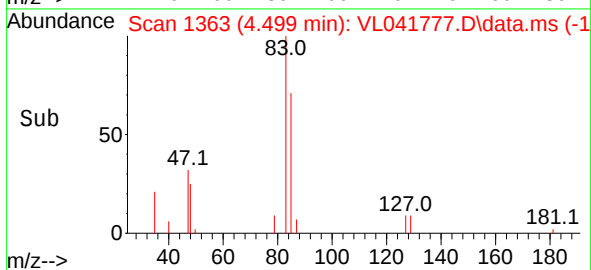
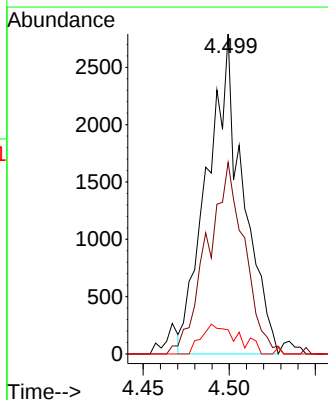
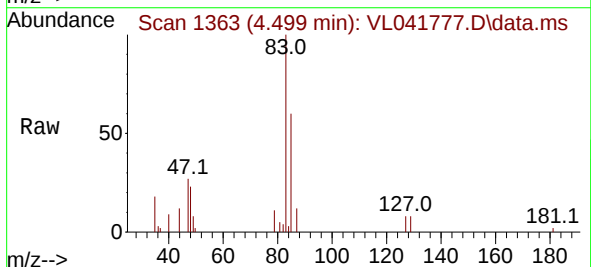
Manual Integrations
APPROVED

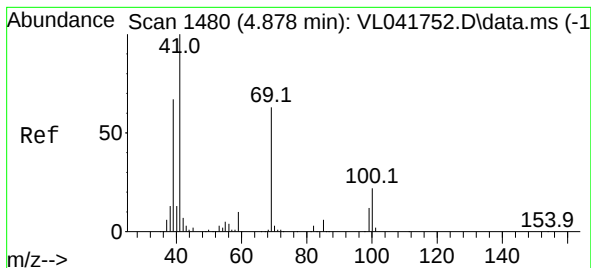
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#42
Bromodichloromethane
Concen: 0.377 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.016 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 83 Resp: 4037
Ion Ratio Lower Upper
83 100
85 57.4 48.0 72.0
127 7.6 5.8 8.8





#43

Methyl Methacrylate

Concen: 0.294 ppbv m

RT: 4.891 min Scan# 1480

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

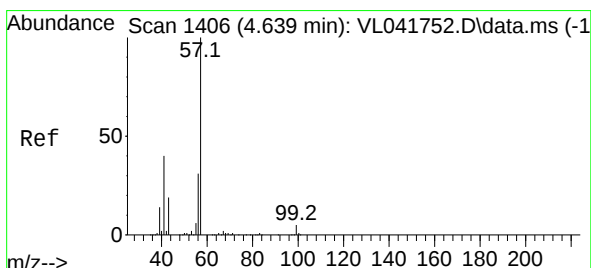
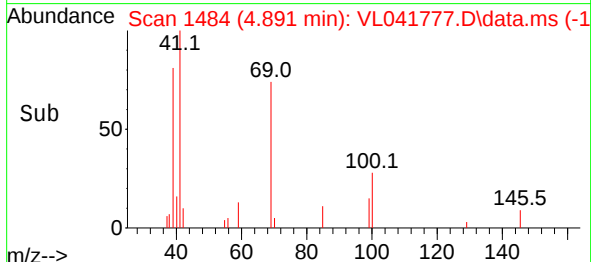
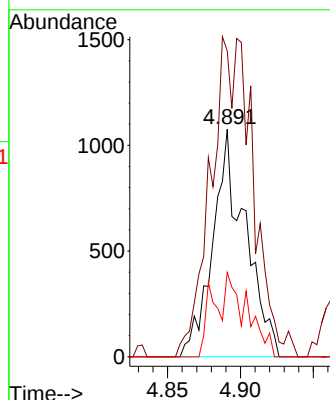
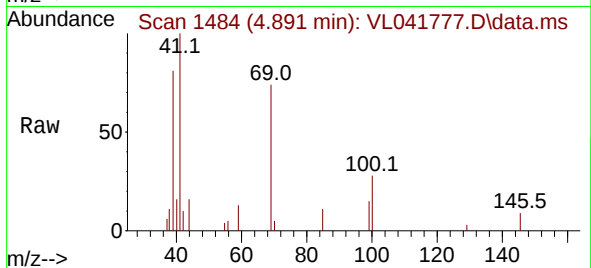
Tgt Ion: 69 Resp: 1674

Ion	Ratio	Lower	Upper
69	100		
41	183.4	130.3	195.5
100	37.4	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#44

2,2,4-Trimethylpentane

Concen: 0.362 ppbv m

RT: 4.651 min Scan# 1410

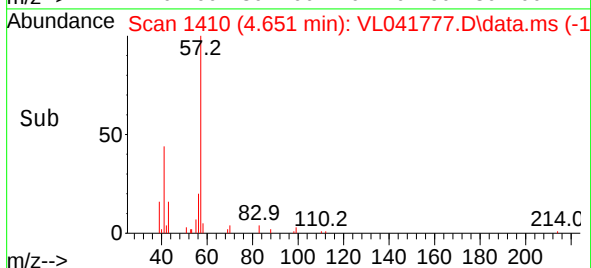
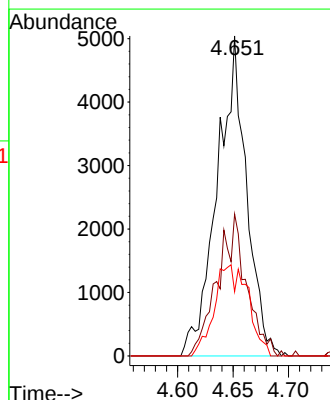
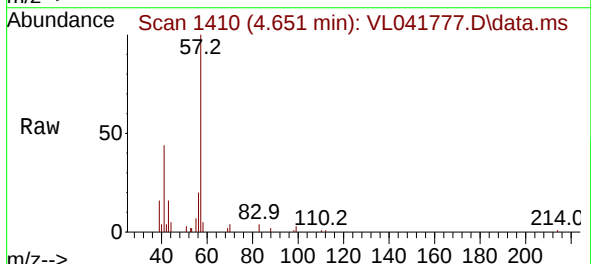
Delta R.T. 0.013 min

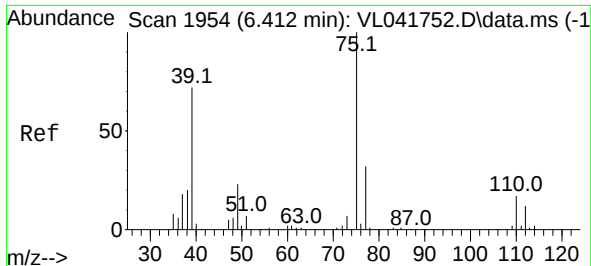
Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 57 Resp: 9264

Ion	Ratio	Lower	Upper
57	100		
41	44.3	30.7	46.1
56	32.9	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 0.286 ppbv

RT: 6.425 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 75 Resp: 1680

Ion Ratio Lower Upper

75 100

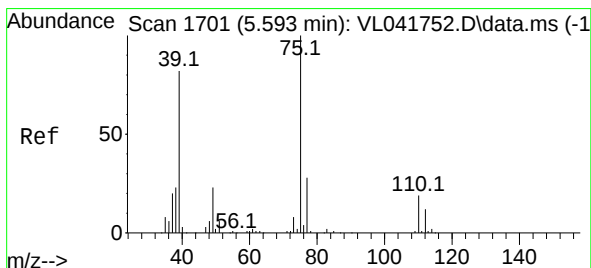
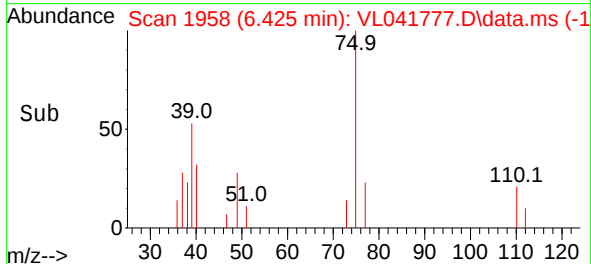
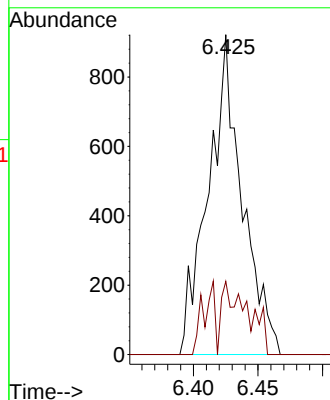
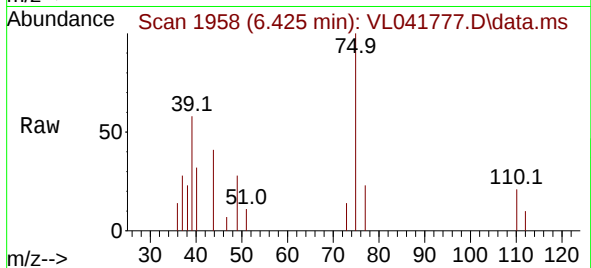
77 22.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#46

cis-1,3-Dichloropropene

Concen: 0.326 ppbv m

RT: 5.622 min Scan# 1710

Delta R.T. 0.029 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

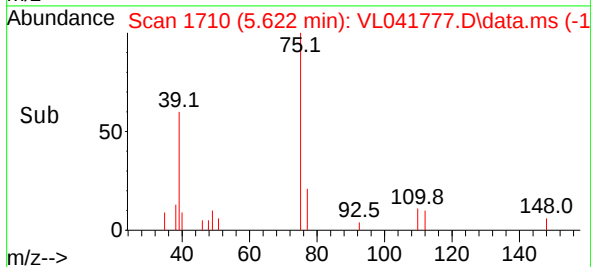
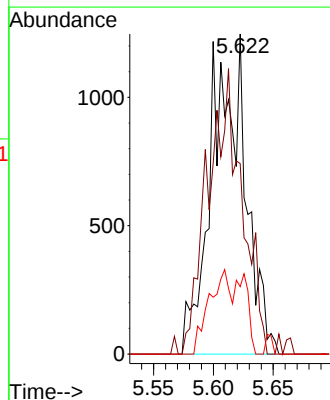
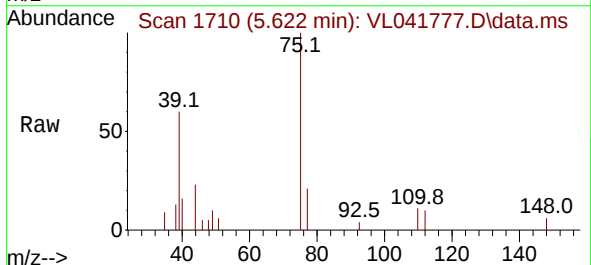
Tgt Ion: 75 Resp: 2446

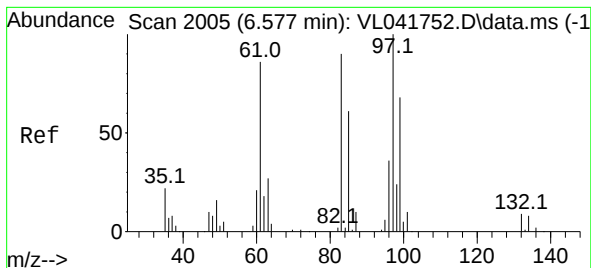
Ion Ratio Lower Upper

75 100

39 59.5 65.2 97.8#

77 21.1 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.456 ppbv m

RT: 6.590 min Scan# 2009

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

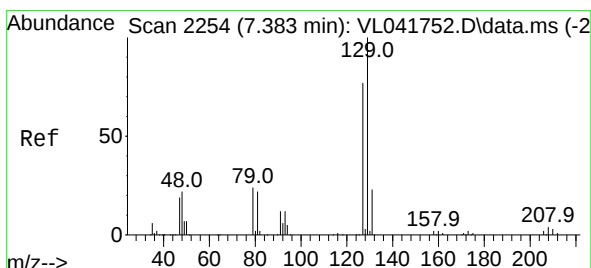
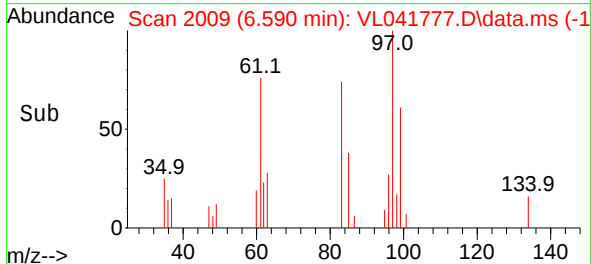
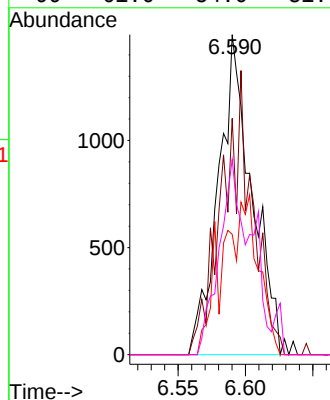
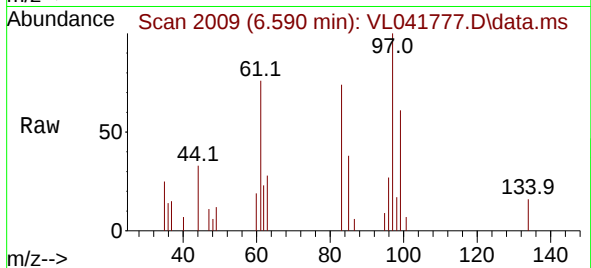
MDL 0.4

Tgt Ion:	97	Resp:	257
Ion	Ratio	Lower	Upper
97	100		
83	73.8	72.3	108.5
85	37.6	48.5	72.7
99	61.0	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#48

Dibromochloromethane

Concen: 0.322 ppbv m

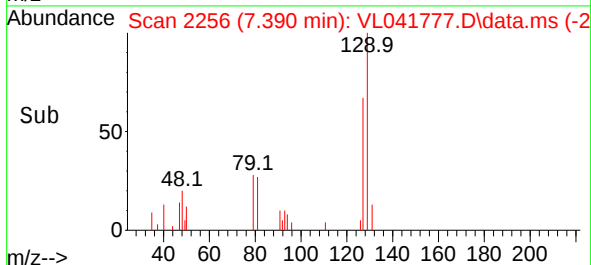
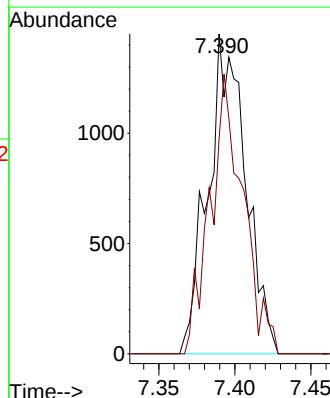
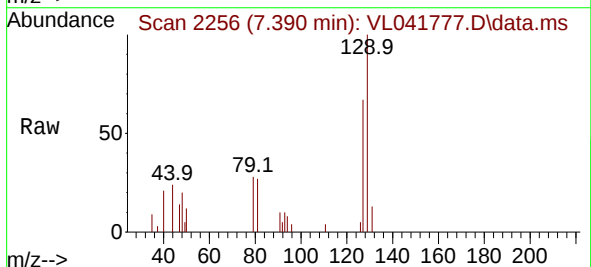
RT: 7.390 min Scan# 2256

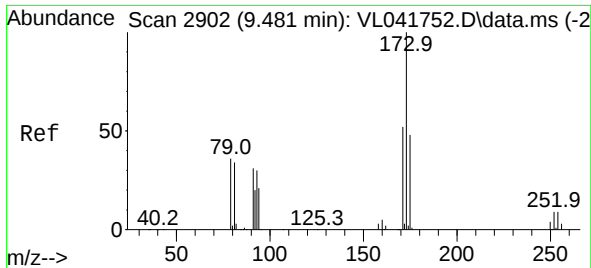
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

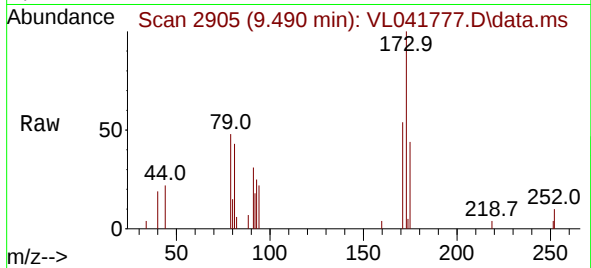
Tgt Ion:	129	Resp:	2491
Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.8	116.3





#49
Bromoform
Concen: 0.291 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

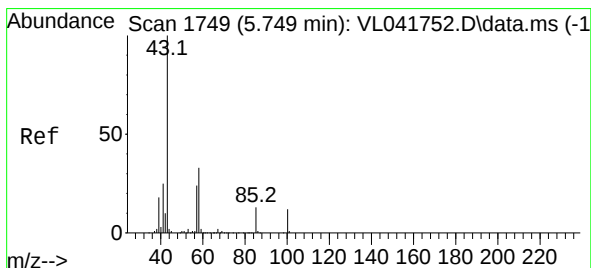
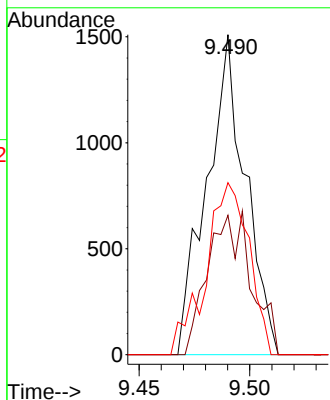
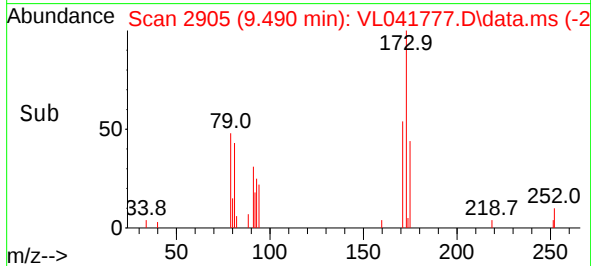
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 173 Resp: 183
Ion Ratio Lower Upper
173 100
175 50.1 38.2 57.2
171 59.7 41.1 61.7

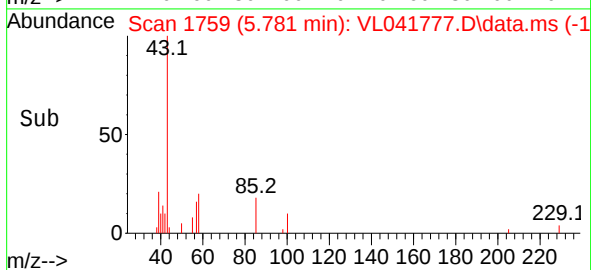
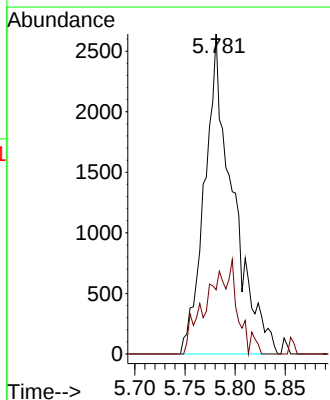
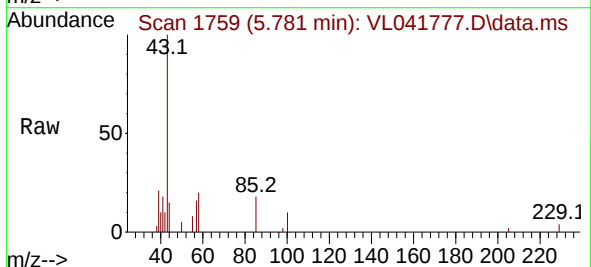
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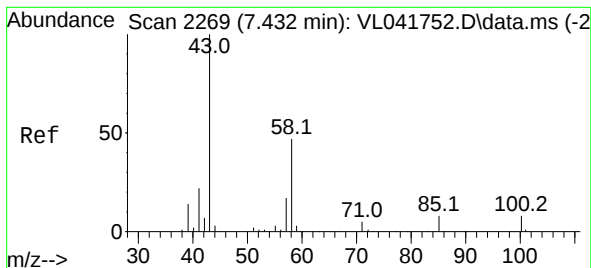
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#50
4-Methyl-2-Pentanone
Concen: 0.326 ppbv m
RT: 5.781 min Scan# 1759
Delta R.T. 0.032 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 43 Resp: 5165
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#





#51

2-Hexanone

Concen: 0.280 ppbv m

RT: 7.458 min Scan# 2269

Delta R.T. 0.026 min

Lab File: VL041777.D

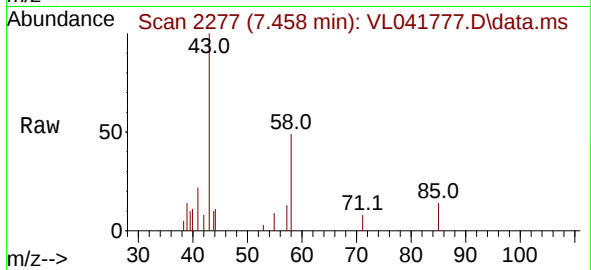
Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

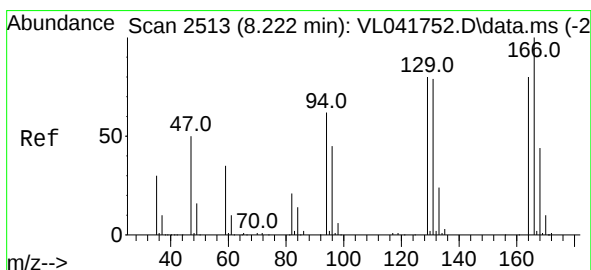
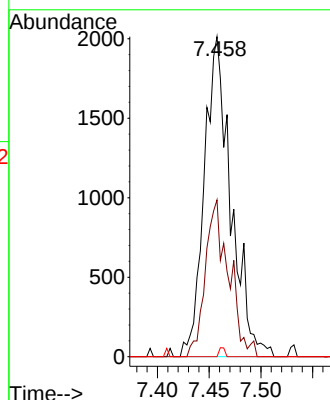


Tgt Ion: 43	Resp: 359
Ion Ratio	Lower Upper
43	100
58	43.1 36.6 55.0
98	0.6 0.1 0.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#52

Tetrachloroethene

Concen: 0.390 ppbv m

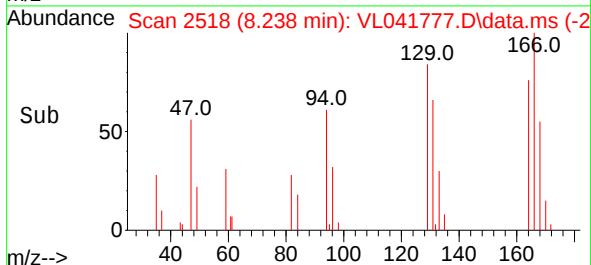
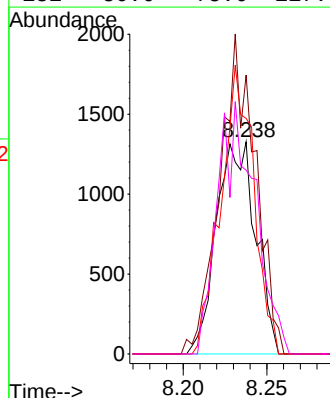
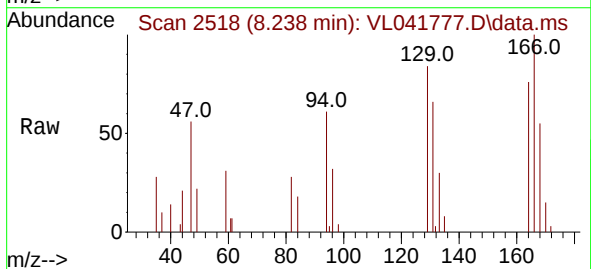
RT: 8.238 min Scan# 2518

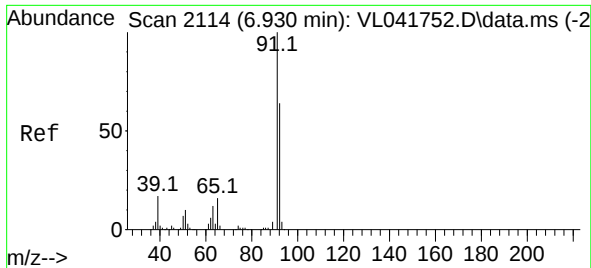
Delta R.T. 0.016 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

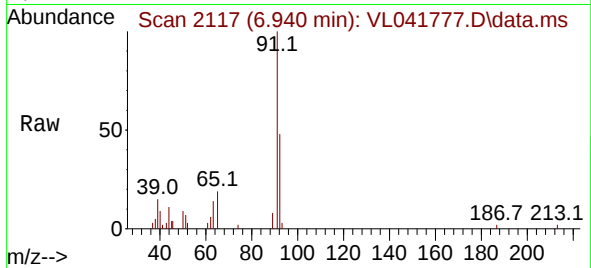
Tgt Ion:164	Resp: 2174
Ion Ratio	Lower Upper
164	100
166	131.5 99.8 149.6
129	111.1 79.6 119.4
131	86.6 78.6 117.8





#53
Toluene
Concen: 0.306 ppbv
RT: 6.940 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

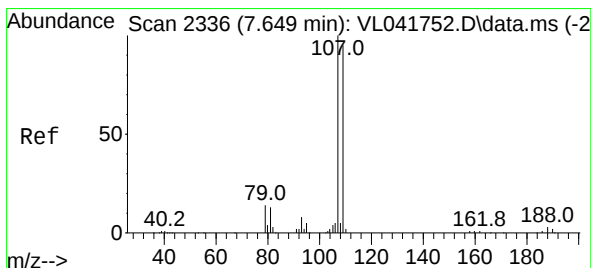
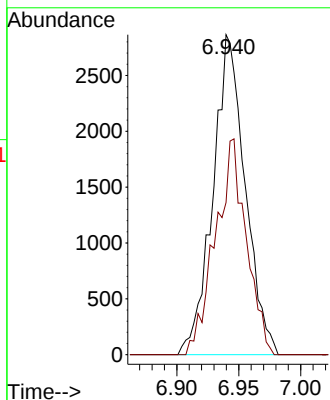
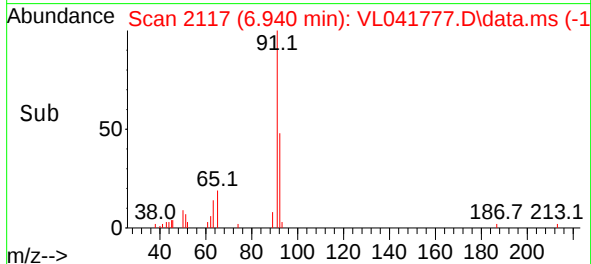
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



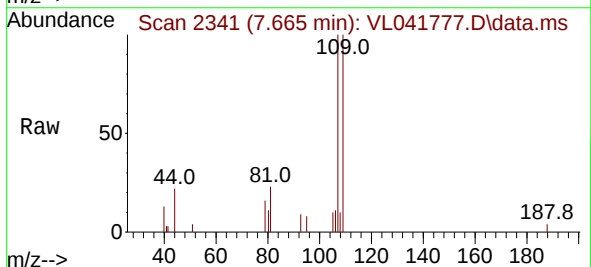
Tgt Ion: 91 Resp: 519
Ion Ratio Lower Upper
91 100
92 64.7 47.9 71.9

Manual Integrations
APPROVED

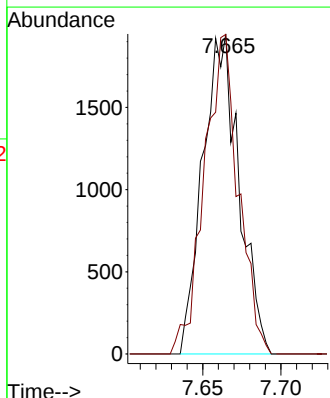
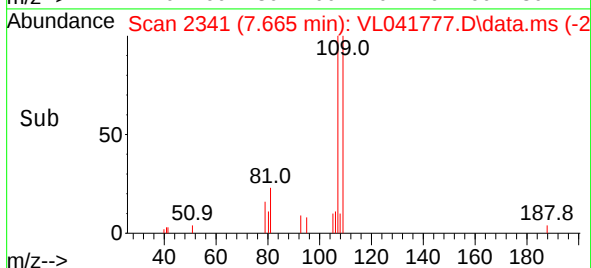
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

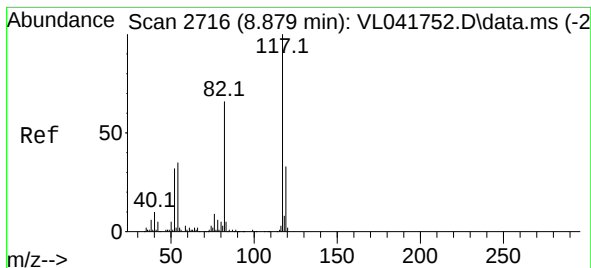


#54
1,2-Dibromoethane
Concen: 0.403 ppbv m
RT: 7.665 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



Tgt Ion:107 Resp: 3141
Ion Ratio Lower Upper
107 100
109 99.8 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.009 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

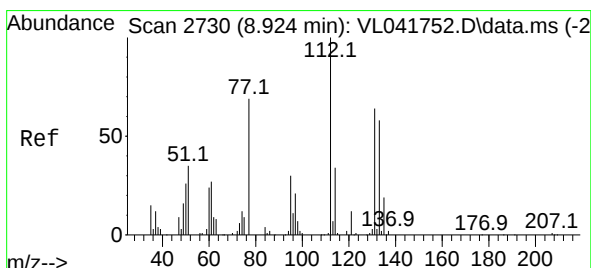
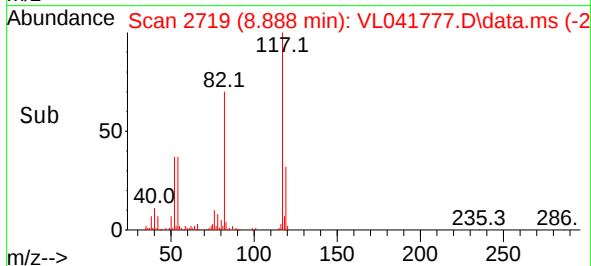
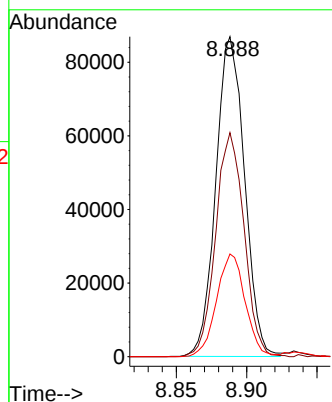
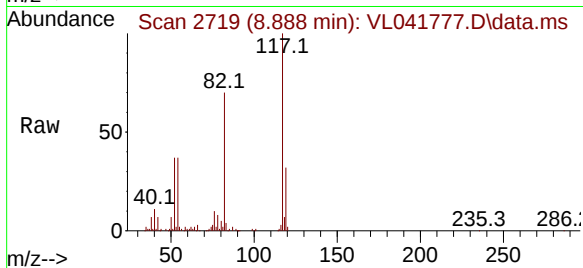
MDL 0.4

Tgt Ion:	117	Resp:	12342
Ion Ratio	Lower	Upper	
117	100		
82	69.3	53.8	80.8
119	32.0	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 0.429 ppbv

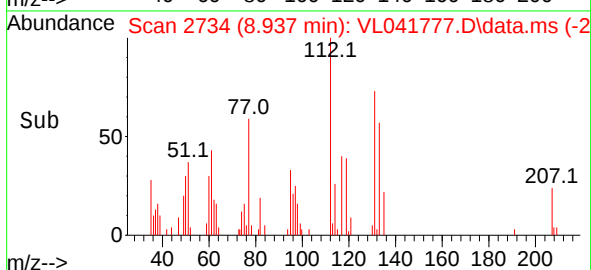
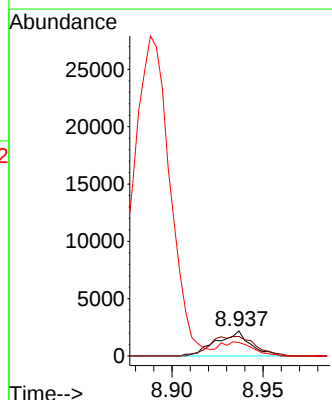
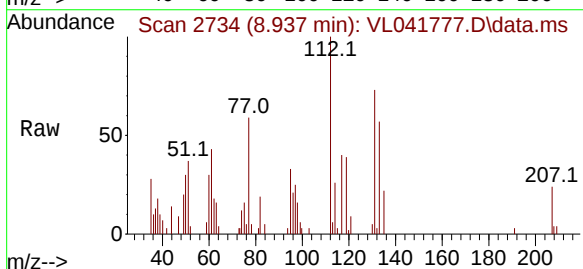
RT: 8.937 min Scan# 2734

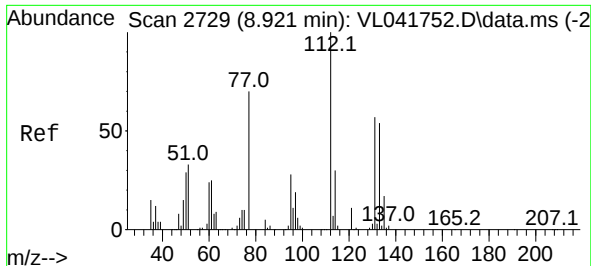
Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion:	131	Resp:	2805
Ion Ratio	Lower	Upper	
131	100		
133	104.5	76.8	115.2
119	1461.7	49.0	73.6#





#57

Chlorobenzene

Concen: 0.471 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

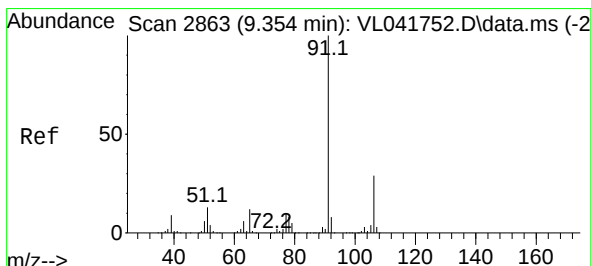
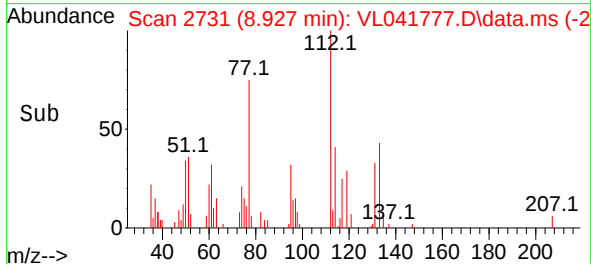
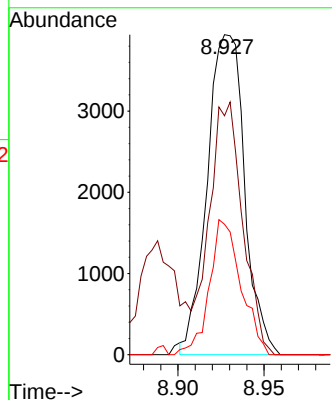
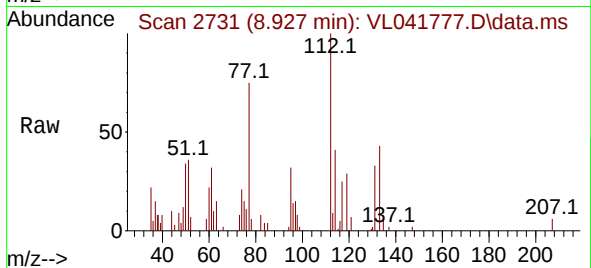
MDL 0.4

Tgt Ion:	112	Resp:	595
Ion Ratio	Lower	Upper	
112	100		
77	74.7	57.4	86.0
114	40.8	27.4	33.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#58

Ethyl Benzene

Concen: 0.318 ppbv

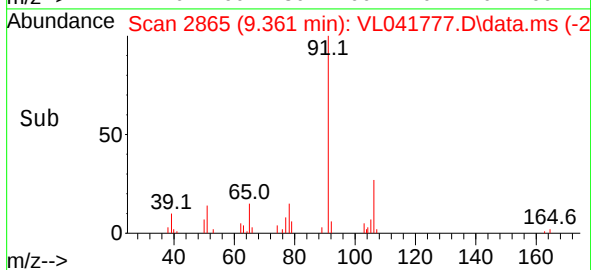
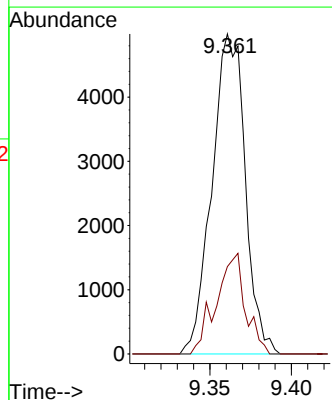
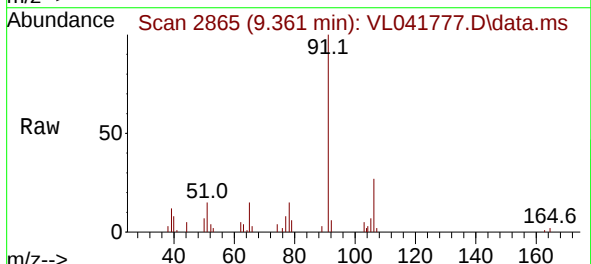
RT: 9.361 min Scan# 2865

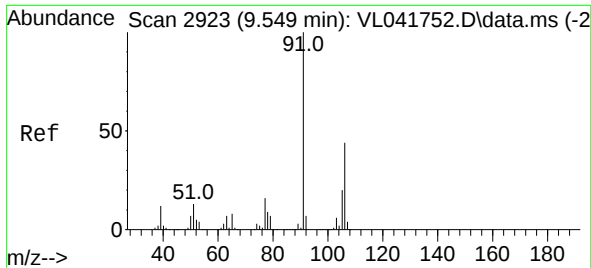
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion:	91	Resp:	7056
Ion Ratio	Lower	Upper	
91	100		
106	27.3	23.5	35.3





#59

m/p-Xylene

Concen: 0.603 ppbv m

RT: 9.558 min Scan# 2923

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 10779

Ion Ratio Lower Upper

91 100

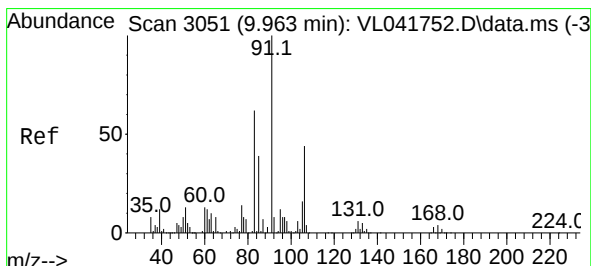
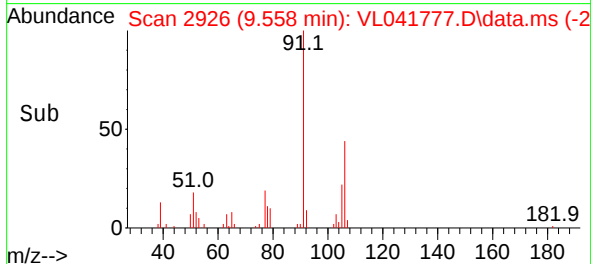
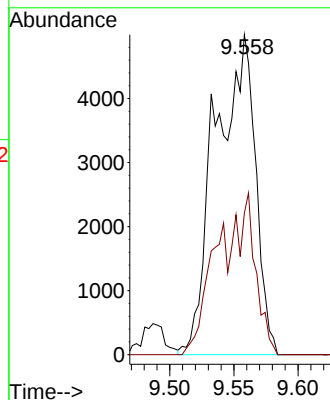
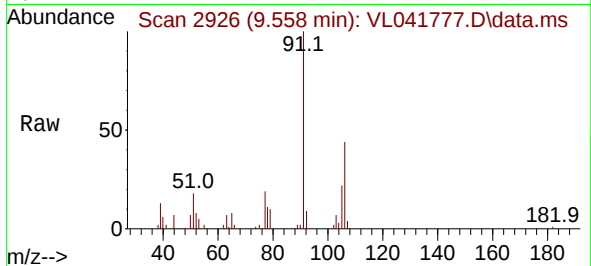
106 47.0 0.0 0.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#60

o-Xylene

Concen: 0.332 ppbv m

RT: 9.969 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL041777.D

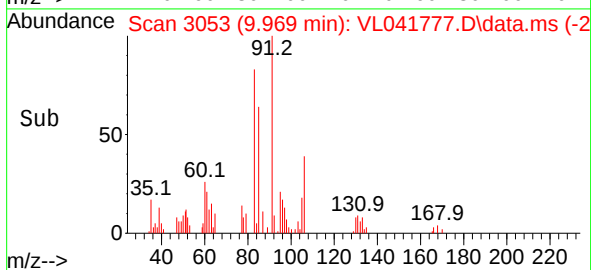
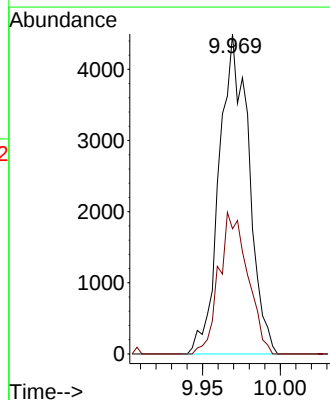
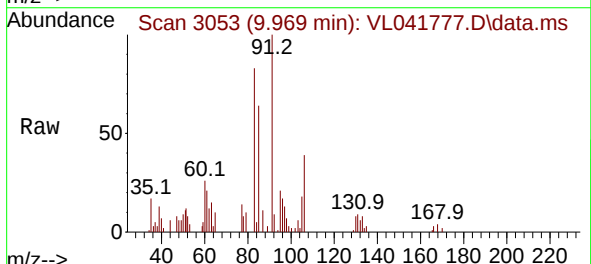
Acq: 17 Dec 2024 14:13

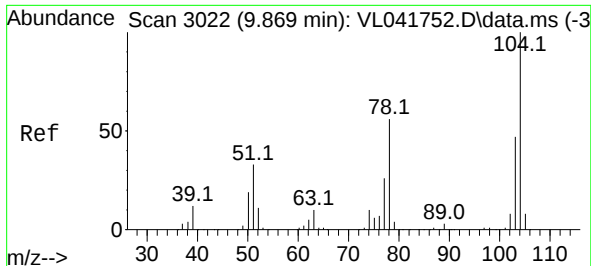
Tgt Ion: 91 Resp: 5948

Ion Ratio Lower Upper

91 100

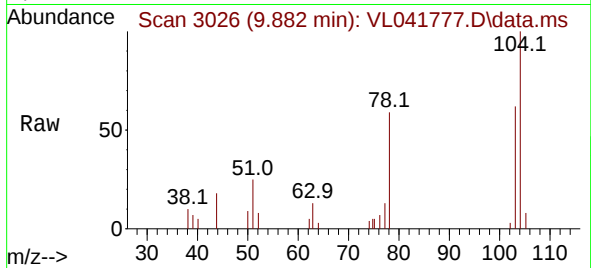
106 0.0 21.1 63.4





#61
Styrene
Concen: 0.288 ppbv
RT: 9.882 min Scan# 3022
Delta R.T. 0.013 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

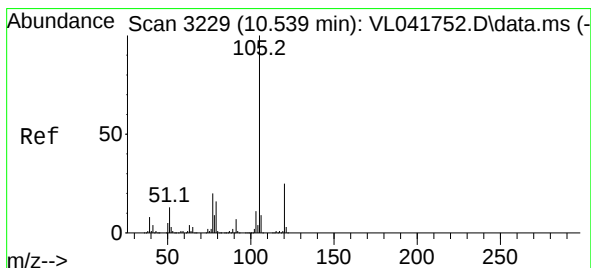
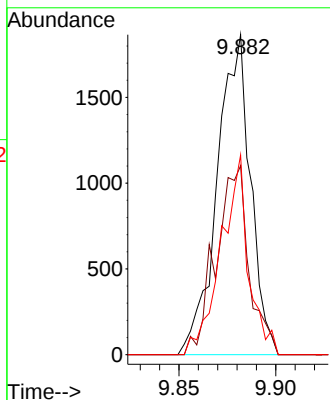
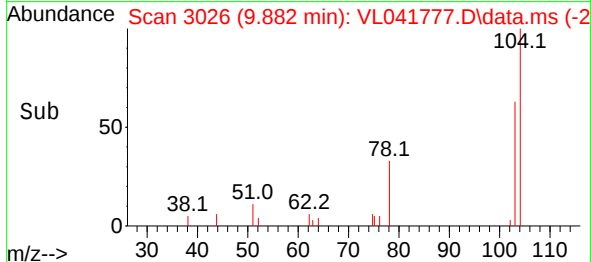
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:104 Resp: 2234
Ion Ratio Lower Upper
104 100
78 58.5 43.8 65.6
103 51.6 37.8 56.6

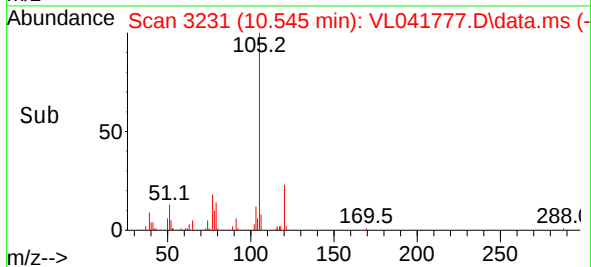
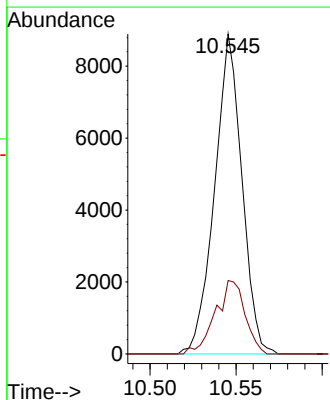
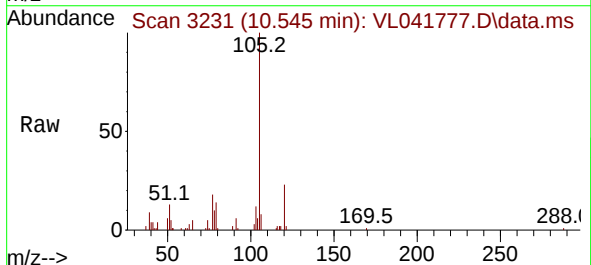
Manual Integrations
APPROVED

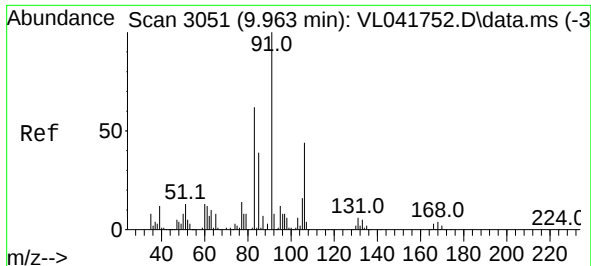
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#62
Isopropylbenzene
Concen: 0.364 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion:105 Resp: 9799
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.458 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

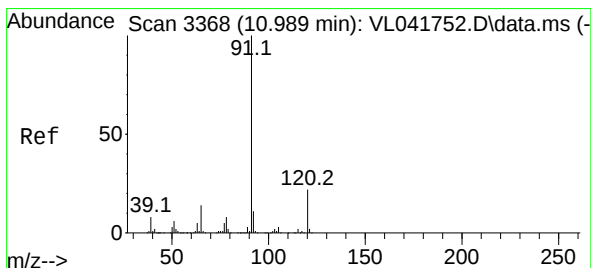
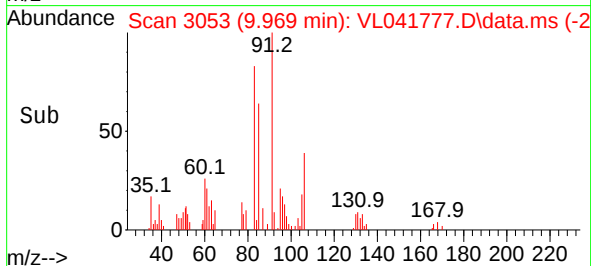
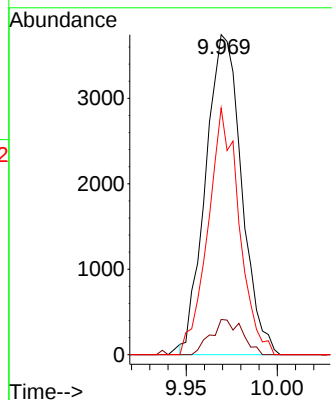
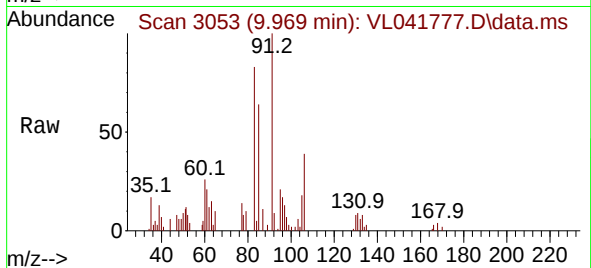
MDL 0.4

Tgt Ion: 83	Resp: 5140
Ion Ratio	Lower Upper
83 100	
131 9.6	4.9 14.7
85 66.7	32.0 96.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#64

n-propylbenzene

Concen: 0.319 ppbv

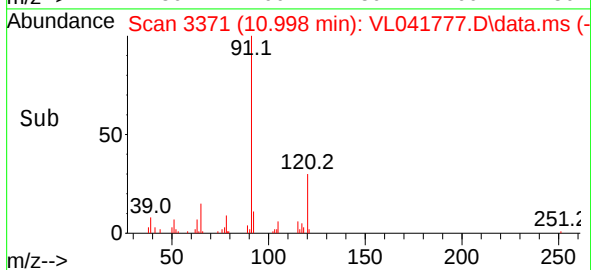
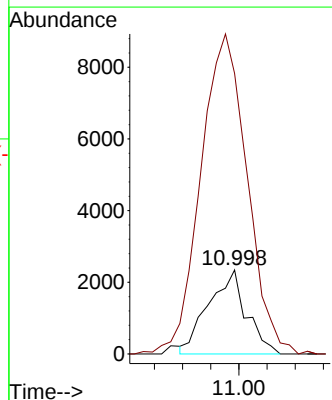
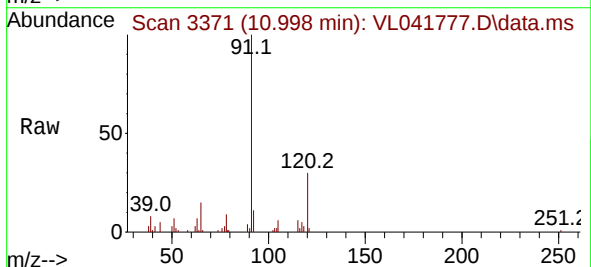
RT: 10.998 min Scan# 3371

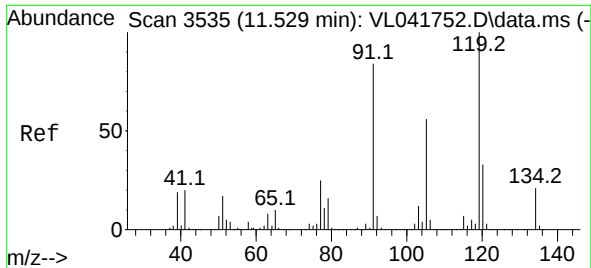
Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

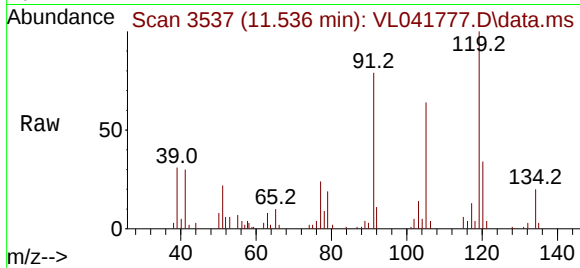
Tgt Ion:120	Resp: 2173
Ion Ratio	Lower Upper
120 100	
91 470.7	387.3 580.9





#65
tert-Butylbenzene
Concen: 0.307 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

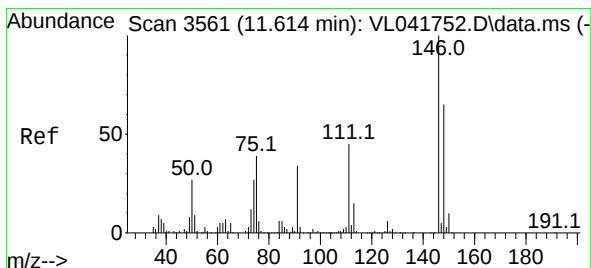
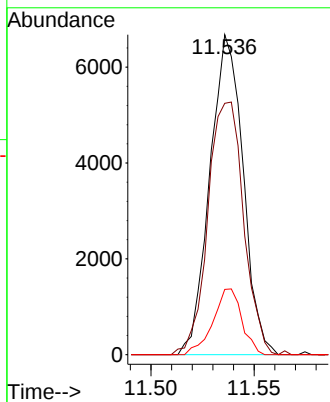
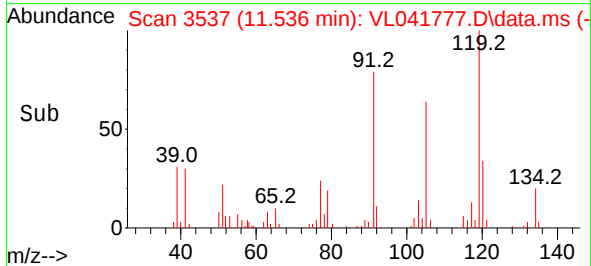
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



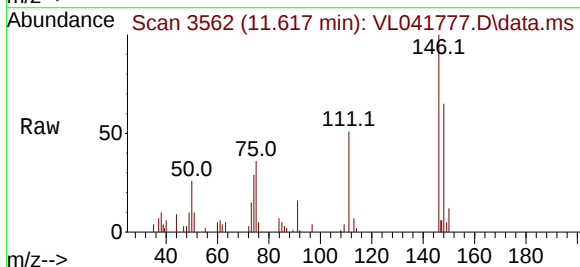
Tgt Ion: 119 Resp: 7462
Ion Ratio Lower Upper
119 100
91 84.9 67.0 100.4
134 17.9 16.5 24.7

Manual Integrations
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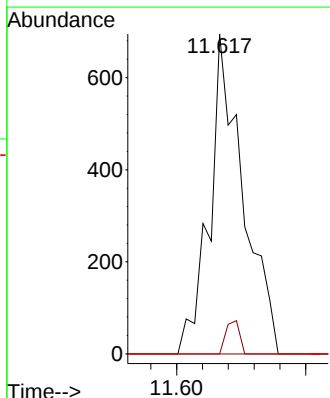
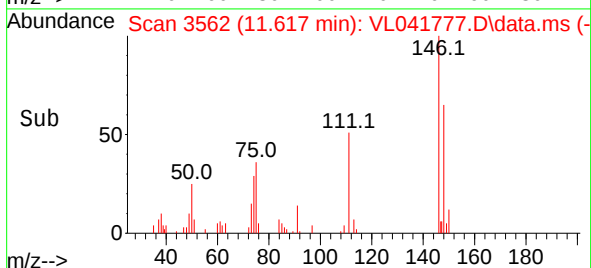
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

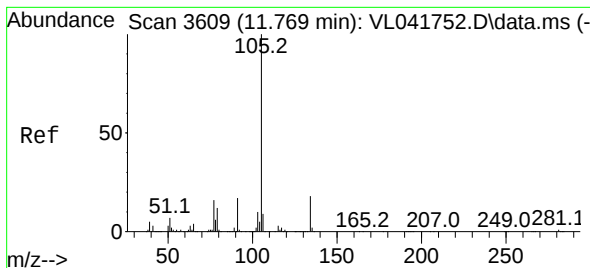


#66
Benzyl Chloride
Concen: 0.291 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



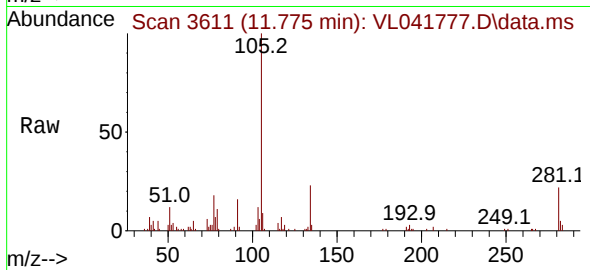
Tgt Ion: 91 Resp: 623
Ion Ratio Lower Upper
91 100
126 4.2 13.9 20.9#
128 2.1 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.323 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13

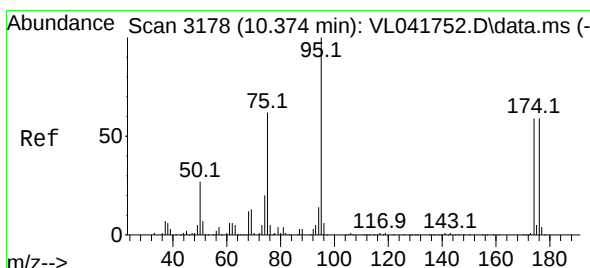
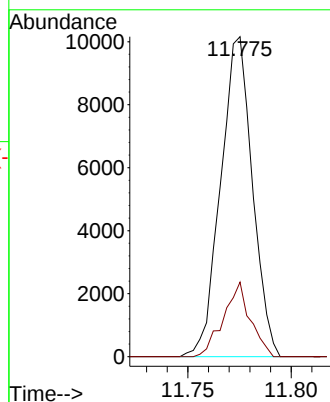
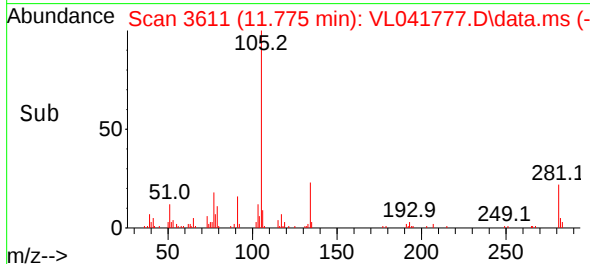
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



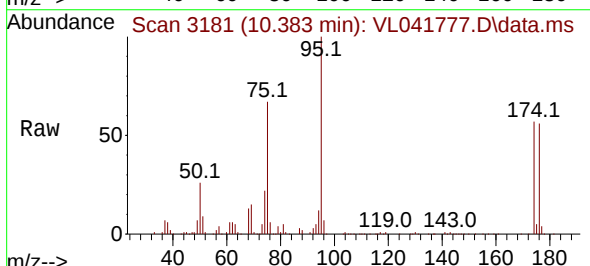
Tgt Ion: 105 Resp: 1086
 Ion Ratio Lower Upper
 105 100
 134 19.6 14.5 21.7

Manual Integrations
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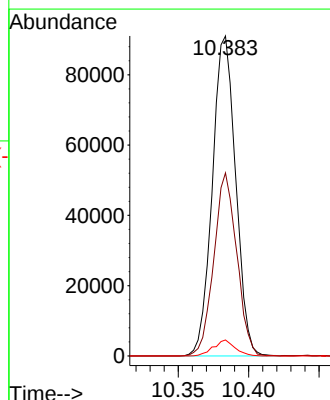
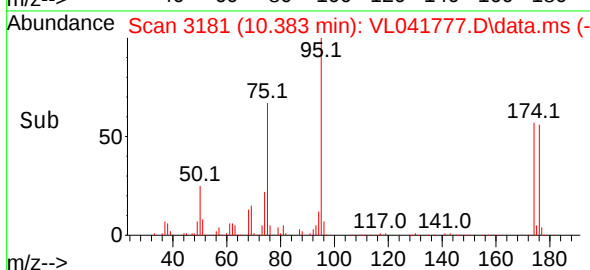
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

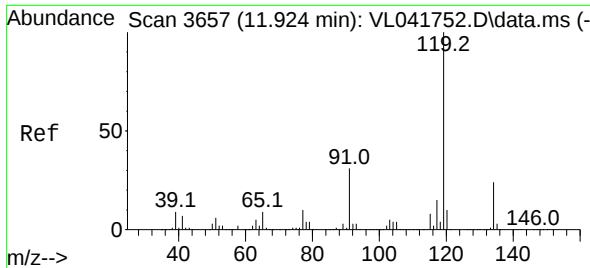


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.200 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.010 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13



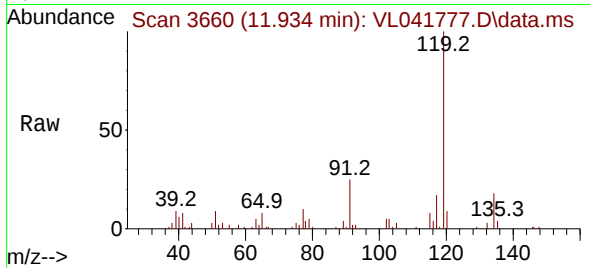
Tgt Ion: 95 Resp: 104912
 Ion Ratio Lower Upper
 95 100
 174 56.1 47.6 71.4
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.300 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

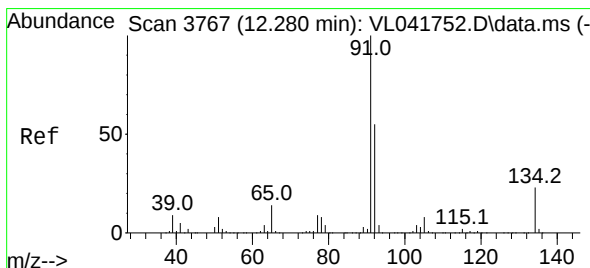
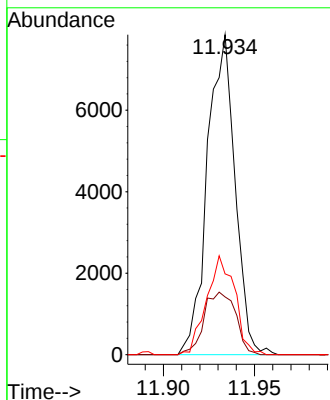
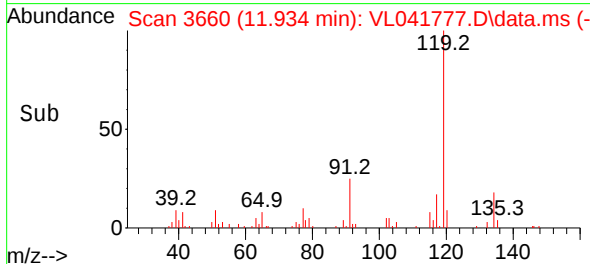
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



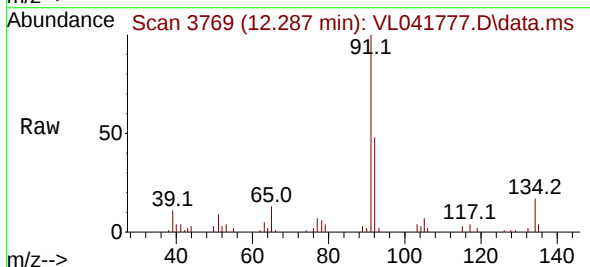
Tgt Ion:119 Resp: 8308
Ion Ratio Lower Upper
119 100
134 22.3 19.6 29.4
91 31.8 24.4 36.6

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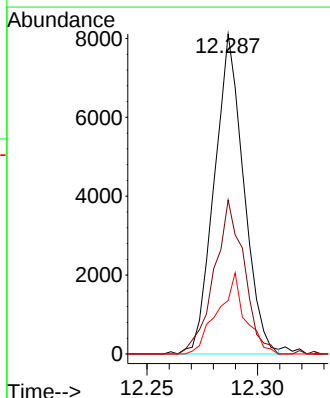
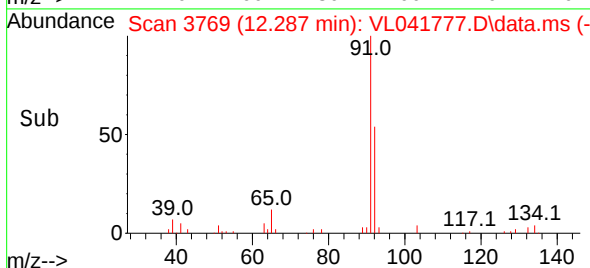
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

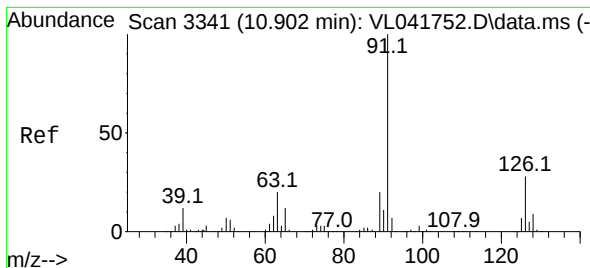


#70
n-Butylbenzene
Concen: 0.280 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



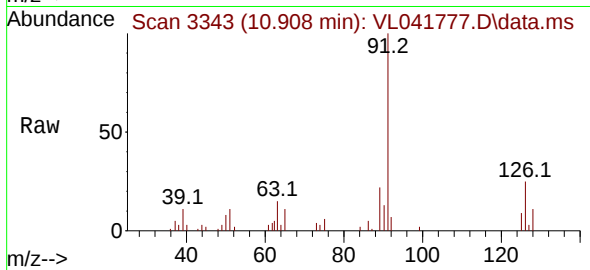
Tgt Ion: 91 Resp: 7482
Ion Ratio Lower Upper
91 100
92 49.5 43.2 64.8
134 23.7 18.2 27.4





#71
2-Chlorotoluene
Concen: 0.338 ppbv
RT: 10.908 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

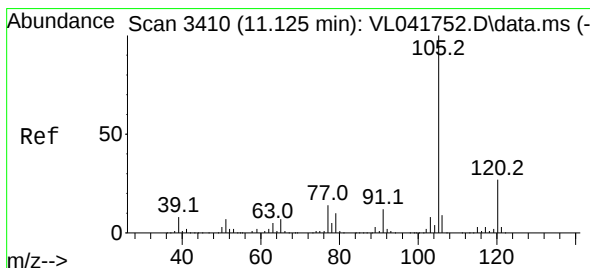
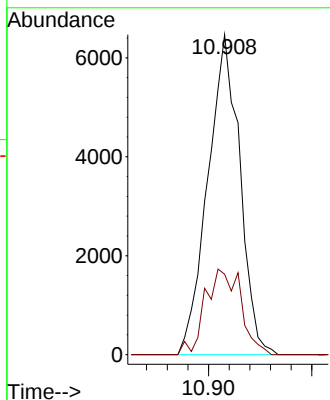
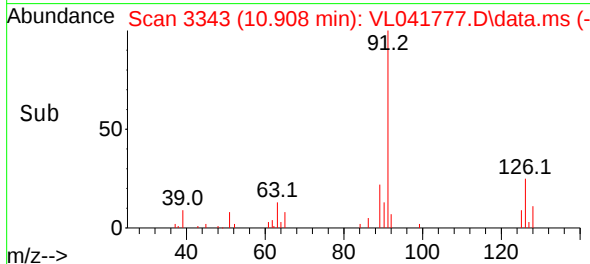
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



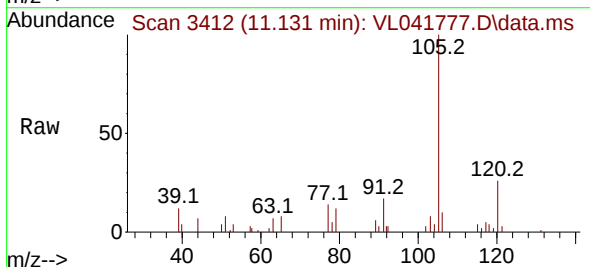
Tgt Ion: 91 Resp: 6953
Ion Ratio Lower Upper
91 100
126 29.9 11.6 46.4

Manual Integrations
APPROVED

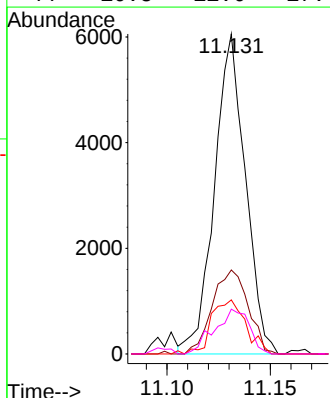
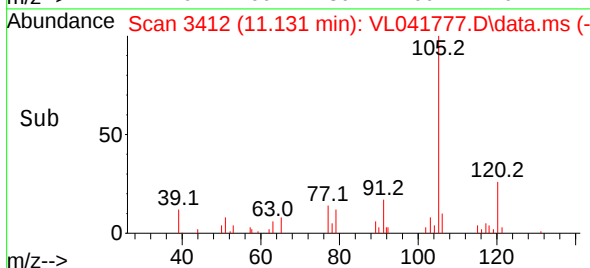
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

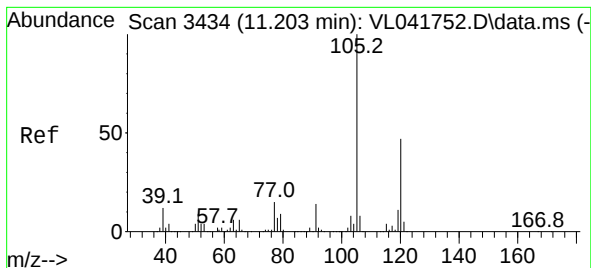


#72
4-Ethyltoluene
Concen: 0.298 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



Tgt Ion:105 Resp: 6311
Ion Ratio Lower Upper
105 100
120 30.6 23.3 34.9
91 18.8 10.9 16.3#
77 16.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.297 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:105 Resp: 5200

Ion Ratio Lower Upper

105 100

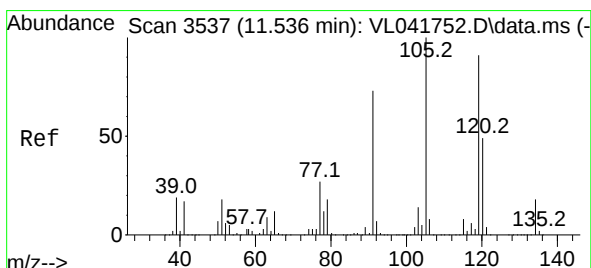
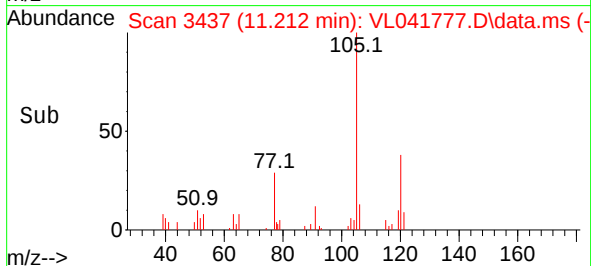
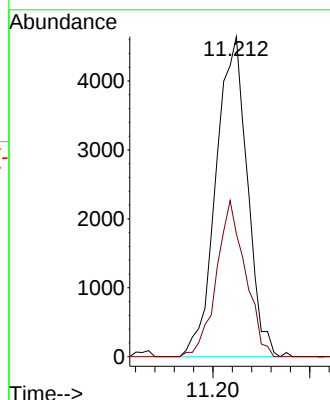
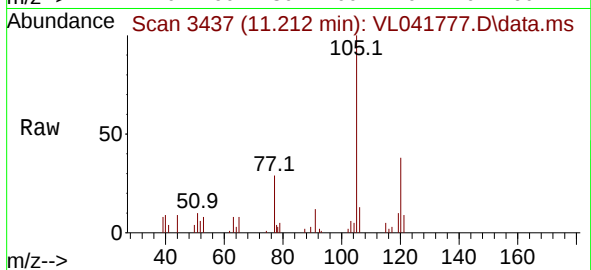
120 38.3 37.4 56.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.301 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion:105 Resp: 5688

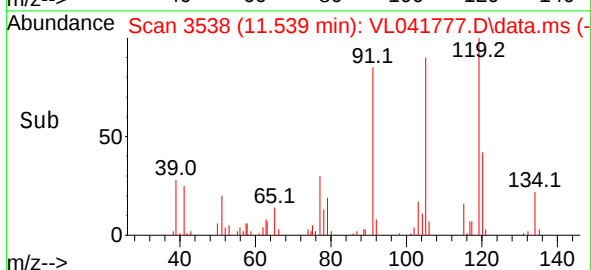
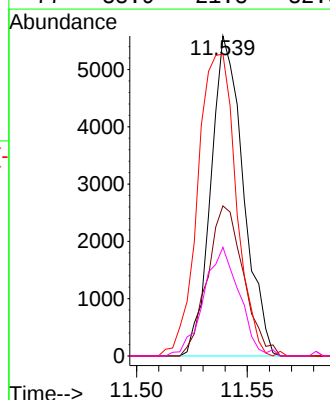
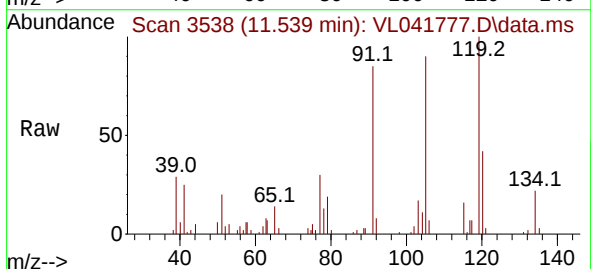
Ion Ratio Lower Upper

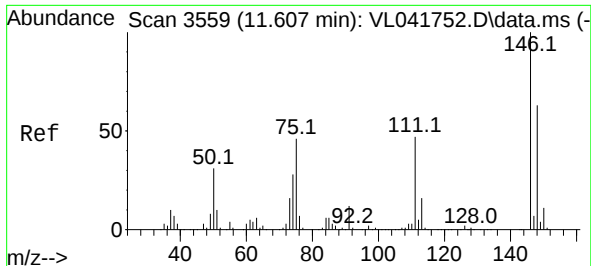
105 100

120 46.9 39.0 58.4

91 92.9 58.1 87.1#

77 33.9 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.446 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

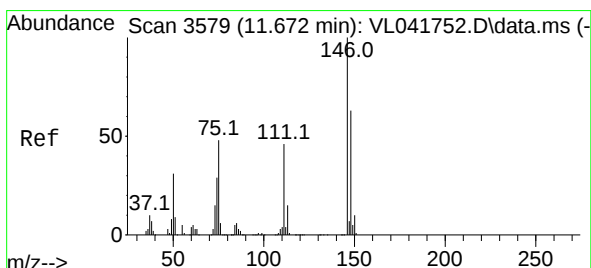
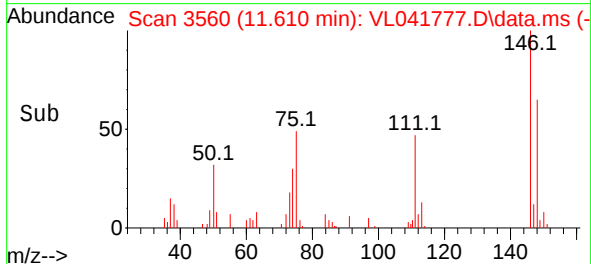
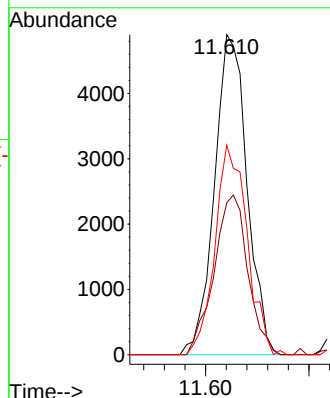
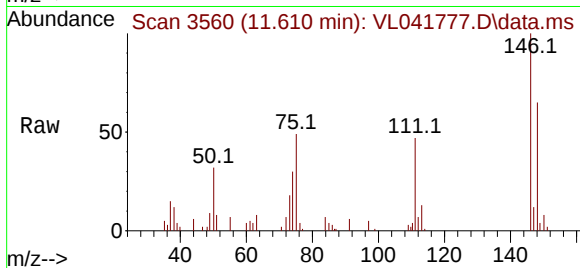
MDL 0.4

Tgt Ion:146	Resp:	537
Ion Ratio	Lower	Upper
146	100	
111	51.9	23.4 70.3
148	64.6	31.6 95.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#76

1,4-Dichlorobenzene

Concen: 0.409 ppbv

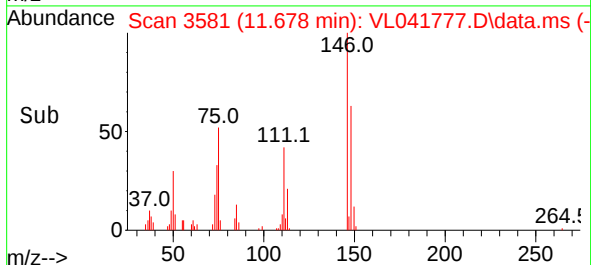
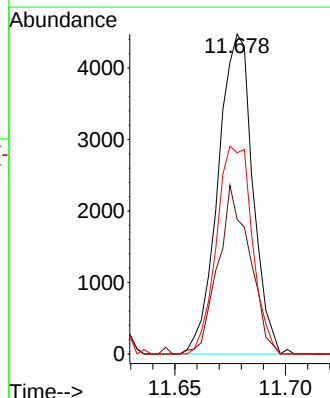
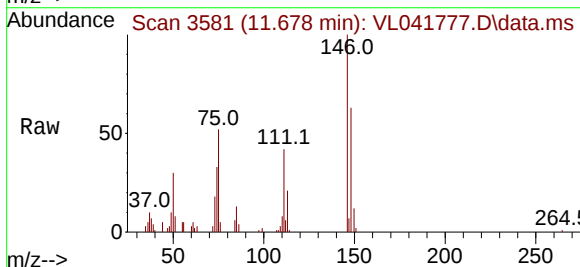
RT: 11.678 min Scan# 3581

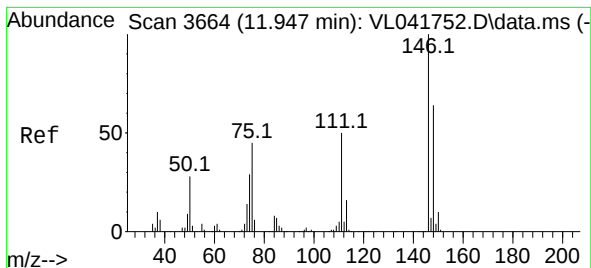
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion:146	Resp:	4865
Ion Ratio	Lower	Upper
146	100	
111	48.2	22.7 68.1
148	66.9	31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 0.487 ppbv

RT: 11.953 min Scan# 30

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

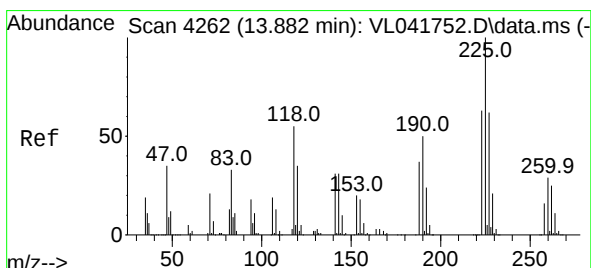
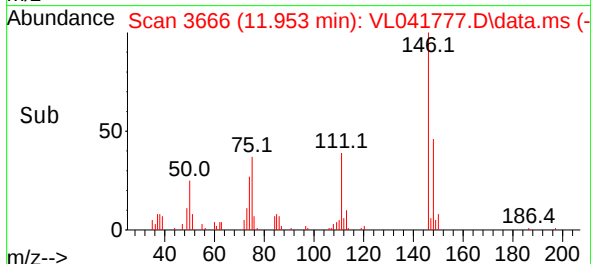
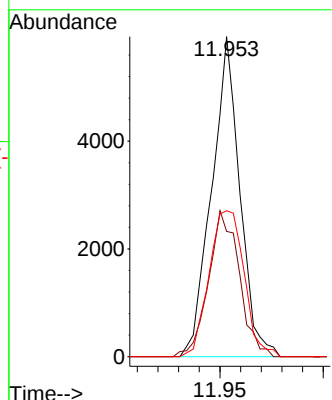
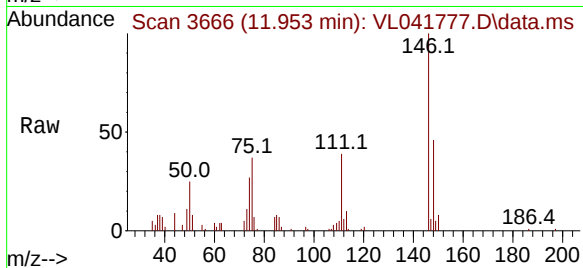
MDL 0.4

Tgt Ion:146	Resp:	563
Ion Ratio	Lower	Upper
146	100	
111	49.7	24.8 74.3
148	56.6	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.457 ppbv

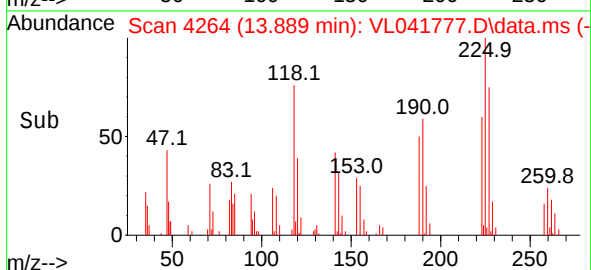
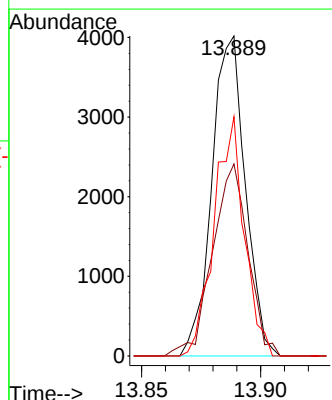
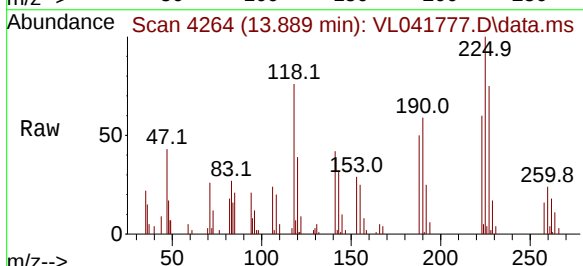
RT: 13.889 min Scan# 4264

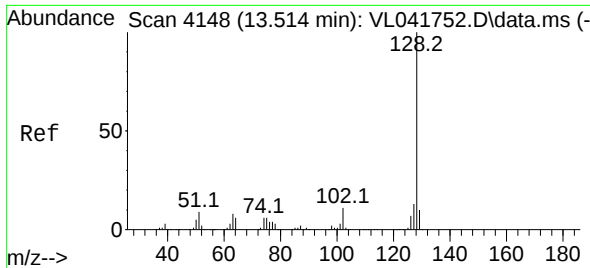
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

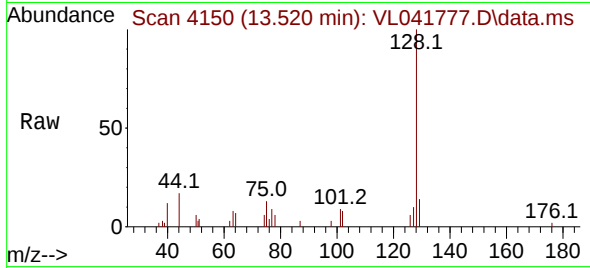
Tgt Ion:225	Resp:	3926
Ion Ratio	Lower	Upper
225	100	
223	63.7	50.5 75.7
227	67.4	50.3 75.5





#79
Naphthalene
Concen: 0.206 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

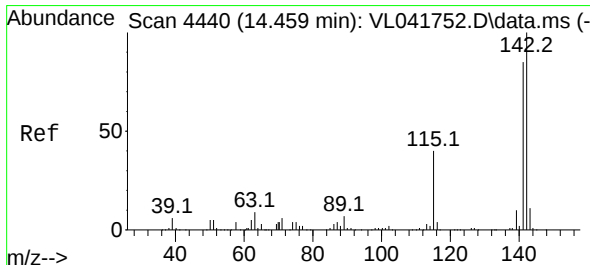
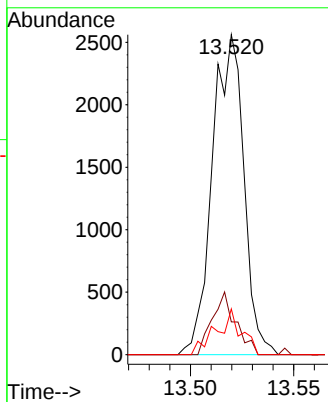
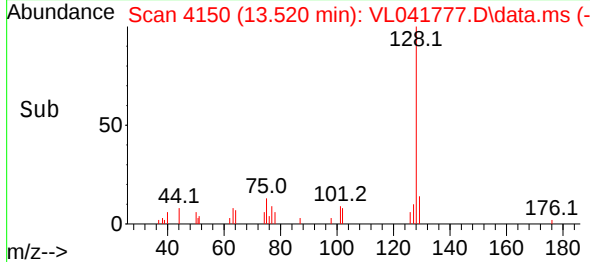
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



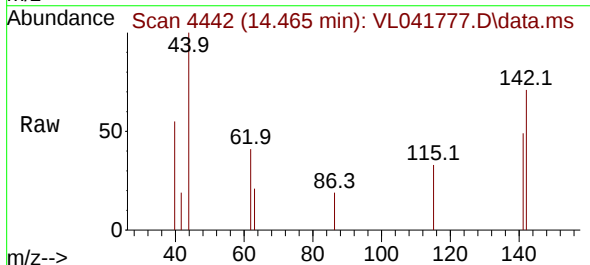
Tgt Ion:128 Resp: 2700
Ion Ratio Lower Upper
128 100
127 10.3 10.7 16.1#
129 14.3 8.2 12.4#

Manual Integrations
APPROVED

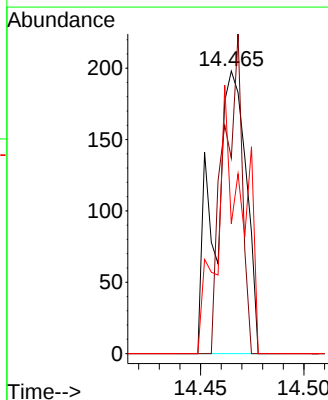
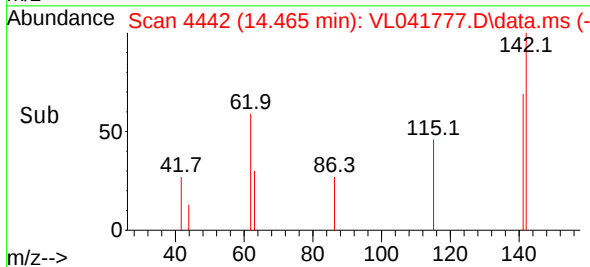
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

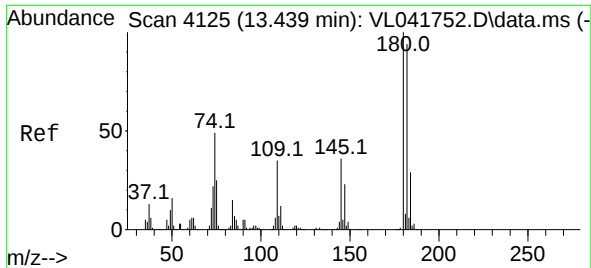


#80
Naphthalene,2-methyl-
Concen: 0.051 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



Tgt Ion:142 Resp: 206
Ion Ratio Lower Upper
142 100
141 67.5 68.4 102.6#
115 76.2 32.5 48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.279 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041777.D

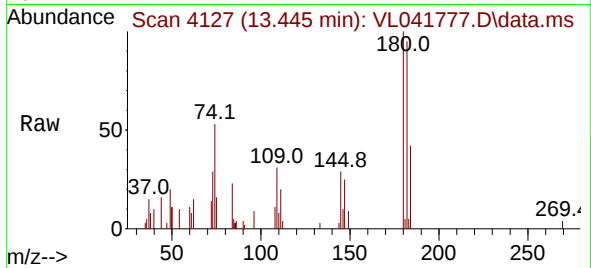
Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion:	180	Resp:	200
Ion Ratio	Lower	Upper	
180	100		
182	102.7	77.0	115.6
184	32.5	23.8	35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

