

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041776.D
 Acq On : 17 Dec 2024 13:41
 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 03:11:34 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	57638	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	150237	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	127673	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 107174 10.073 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	5068	0.494	ppbv	93
3) Chlorodifluoromethane	1.476	51	4257	0.453	ppbv	95
4) Chloromethane	1.535	50	2094	0.522	ppbv	96
5) Vinyl Chloride	1.580	62	1841	0.455	ppbv	90
6) Bromomethane	1.670	94	938	0.492	ppbv	95
7) Chloroethane	1.706	64	721	0.459	ppbv #	82
8) Dichlorotetrafluoroethane	1.557	85	4747	0.517	ppbv	98
9) Propene	1.486	41	1671	0.410	ppbv #	81
10) Heptane	4.991	43	2954	0.282	ppbv	90
11) Trichlorofluoromethane	1.881	101	5819	0.534	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	4086	0.493	ppbv	95
13) Ethanol	1.722	45	426	1.263	ppbv	90
14) Bromoethene	1.784	108	1207	0.431	ppbv #	72
15) Acetone	1.839	43	7258	0.647	ppbv	99
16) 1,3-Butadiene	1.612	39	2573	0.583	ppbv	86
17) tert-Butyl alcohol	2.046	59	5293	0.476	ppbv	94
18) 1,1-Dichloroethene	2.036	96	1551	0.447	ppbv	79
19) Isopropyl Alcohol	1.891	45	3912	0.581	ppbv #	37
20) Methylene Chloride	2.065	84	2022	0.632	ppbv #	88
21) Allyl Chloride	2.101	41	2566	0.422	ppbv	89
22) trans-1,2-Dichloroethene	2.340	96	1807	0.454	ppbv #	77
23) Vinyl Acetate	2.467	43	2212m	0.425	ppbv	
24) 1,1-Dichloroethane	2.412	63	4108	0.510	ppbv #	93
25) Ethyl Acetate	2.842	43	7791	0.373	ppbv	98
26) Hexane	2.832	57	3027	0.382	ppbv	97
27) Carbon Disulfide	2.153	76	2205	0.309	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	2913	0.454	ppbv	96
29) Chloroform	2.855	83	5756	0.477	ppbv	90
30) Cyclohexane	3.865	84	2370	0.352	ppbv	92
31) cis-1,2-Dichloroethene	2.726	61	3384	0.414	ppbv #	88
32) 1,1,1-Trichloroethane	3.373	97	4812	0.392	ppbv	95
34) 2-Butanone	2.564	43	5516	0.456	ppbv	100
35) Carbon Tetrachloride	3.771	117	4780m	0.448	ppbv	
36) Benzene	3.664	78	6358	0.409	ppbv #	83
37) 1,2-Dichloroethane	3.227	62	4888	0.505	ppbv	99
38) Trichloroethene	4.551	130	2449m	0.371	ppbv	
39) 1,2-Dichloropropane	4.321	63	2435	0.433	ppbv #	76
40) 1,4-Dioxane	4.616	88	1093m	0.398	ppbv	
41) Tetrahydrofuran	3.072	42	1960m	0.289	ppbv	
42) Bromodichloromethane	4.496	83	4004m	0.360	ppbv	
43) Methyl Methacrylate	4.891	69	1928m	0.326	ppbv	
44) 2,2,4-Trimethylpentane	4.651	57	9455m	0.356	ppbv	
45) t-1,3-Dichloropropene	6.432	75	1810m	0.296	ppbv	

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

Quant Time: Dec 21 03:11:34 2024

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

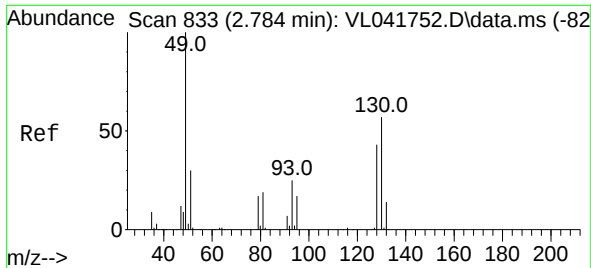
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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	5.616	75	2313m	0.297	ppbv	
47) 1,1,2-Trichloroethane	6.597	97	2538	0.432	ppbv #	85
48) Dibromochloromethane	7.393	129	2503m	0.312	ppbv	
49) Bromoform	9.493	173	2023	0.308	ppbv	96
50) 4-Methyl-2-Pentanone	5.787	43	5264m	0.320	ppbv	
51) 2-Hexanone	7.458	43	3794	0.284	ppbv #	87
52) Tetrachloroethene	8.234	164	2260	0.391	ppbv #	80
53) Toluene	6.940	91	5268m	0.299	ppbv	
54) 1,2-Dibromoethane	7.668	107	3183m	0.393	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.937	131	2971	0.439	ppbv #	1
57) Chlorobenzene	8.933	112	6126	0.469	ppbv #	91
58) Ethyl Benzene	9.367	91	6938	0.302	ppbv	94
59) m/p-Xylene	9.558	91	11209m	0.606	ppbv	
60) o-Xylene	9.972	91	5490	0.296	ppbv	95
61) Styrene	9.879	104	2169	0.271	ppbv	93
62) Isopropylbenzene	10.545	105	10008	0.359	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.969	83	5148	0.444	ppbv	99
64) n-propylbenzene	10.998	120	2280	0.324	ppbv	91
65) tert-Butylbenzene	11.539	119	7639	0.304	ppbv	96
66) Benzyl Chloride	11.617	91	644m	0.291	ppbv	
67) sec-Butylbenzene	11.775	105	11161	0.321	ppbv	98
69) p-Isopropyltoluene	11.934	119	8062	0.281	ppbv	97
70) n-Butylbenzene	12.290	91	7570	0.273	ppbv	95
71) 2-Chlorotoluene	10.908	91	7154	0.337	ppbv	96
72) 4-Ethyltoluene	11.131	105	6424	0.294	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.212	105	5400	0.298	ppbv	86
74) 1,2,4-Trimethylbenzene	11.545	105	5628	0.288	ppbv	91
75) 1,3-Dichlorobenzene	11.613	146	5457	0.439	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	4483	0.365	ppbv	89
77) 1,2-Dichlorobenzene	11.953	146	5642	0.471	ppbv	95
78) Hexachloro-1,3-Butadiene	13.886	225	4021	0.453	ppbv	95
79) Naphthalene	13.520	128	2701	0.199	ppbv #	84
80) Naphthalene,2-methyl-	14.465	142	261	0.062	ppbv #	63
81) 1,2,4-Trichlorobenzene	13.445	180	2211	0.298	ppbv	86

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



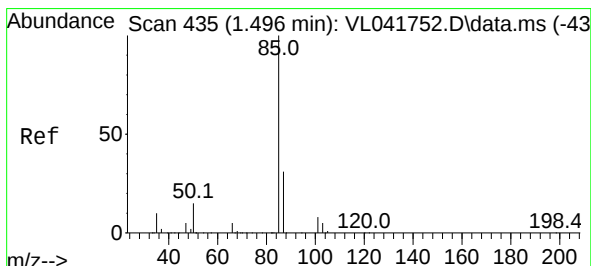
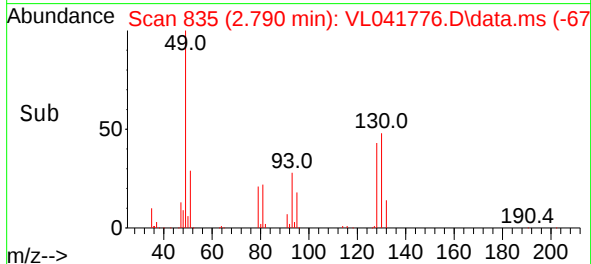
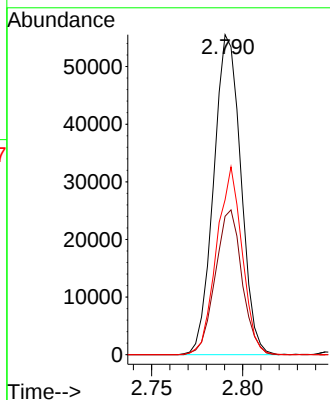
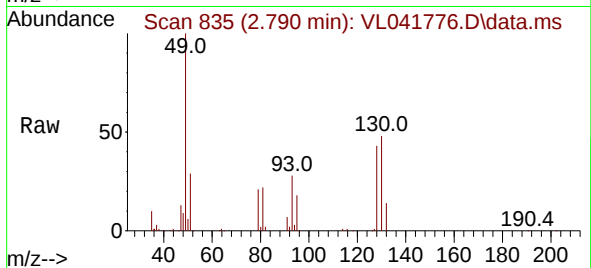
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 49 Resp: 57638
Ion Ratio Lower Upper
49 100
128 44.5 21.6 64.6
130 55.2 28.3 85.0

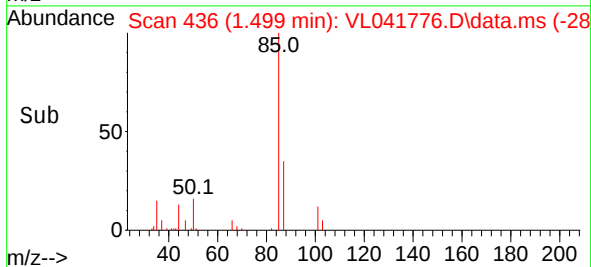
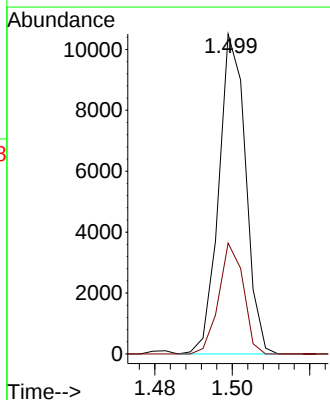
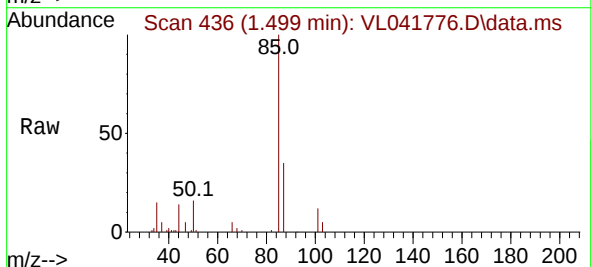
Manual Integrations
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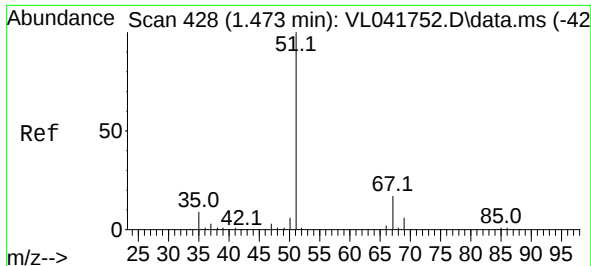
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#2
Dichlorodifluoromethane
Concen: 0.494 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

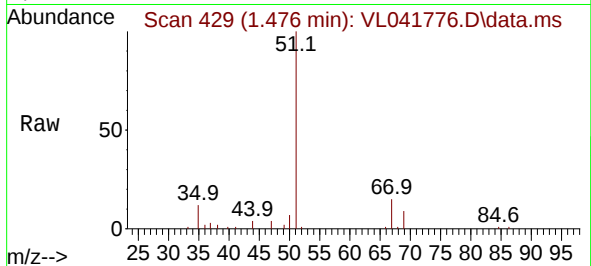
Tgt Ion: 85 Resp: 5068
Ion Ratio Lower Upper
85 100
87 34.6 24.5 36.7





#3
Chlorodifluoromethane
Concen: 0.453 ppbv
RT: 1.476 min Scan# 425
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

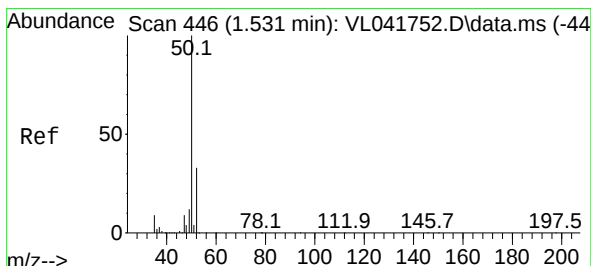
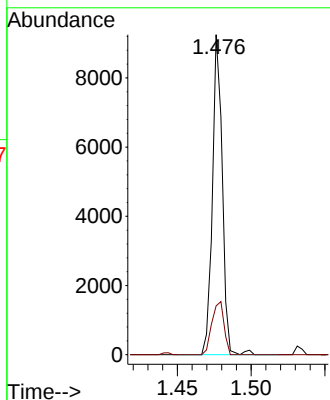
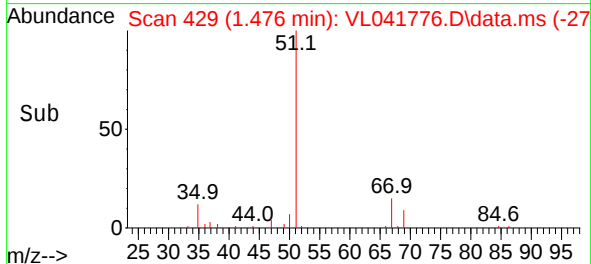
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



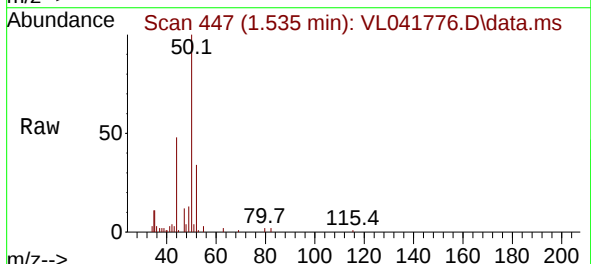
Tgt Ion: 51 Resp: 425
Ion Ratio Lower Upper
51 100
67 20.9 15.0 22.4

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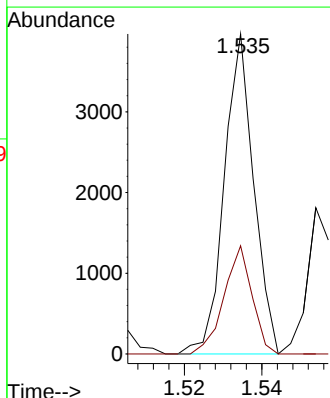
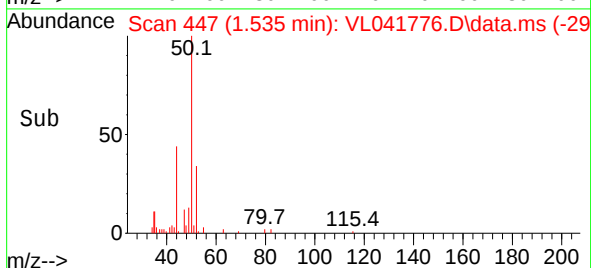
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

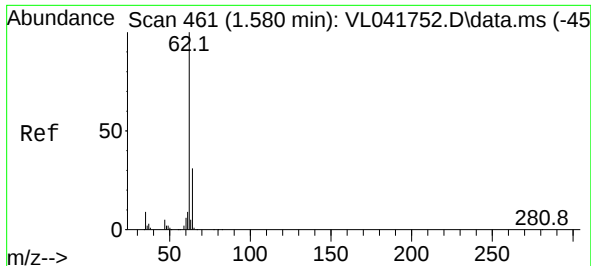


#4
Chloromethane
Concen: 0.522 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41



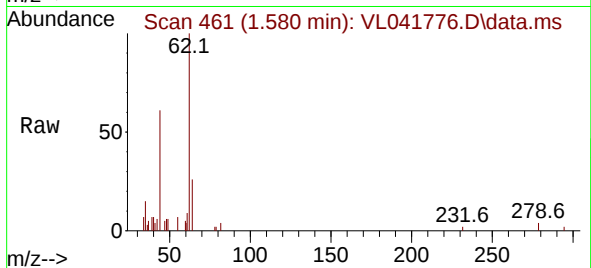
Tgt Ion: 50 Resp: 2094
Ion Ratio Lower Upper
50 100
52 35.2 26.2 39.2





#5
Vinyl Chloride
Concen: 0.455 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

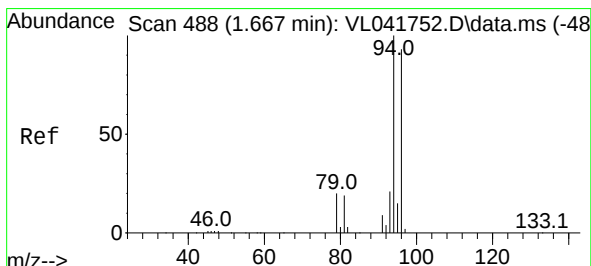
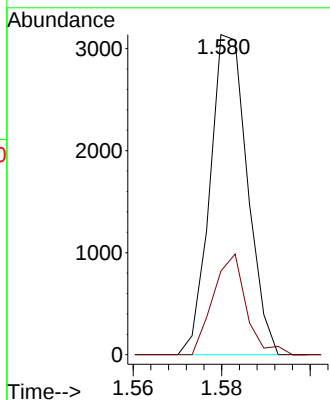
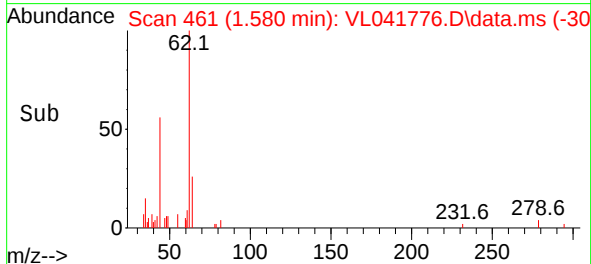
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



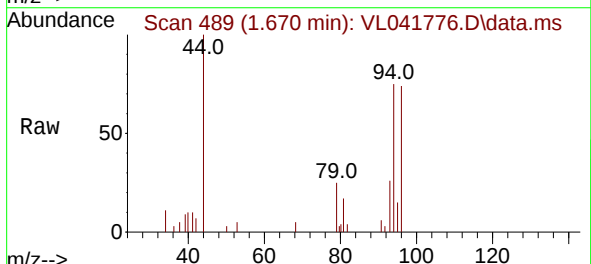
Tgt Ion: 62 Resp: 184
Ion Ratio Lower Upper
62 100
64 26.1 25.1 37.7

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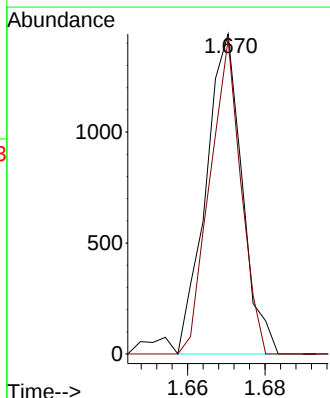
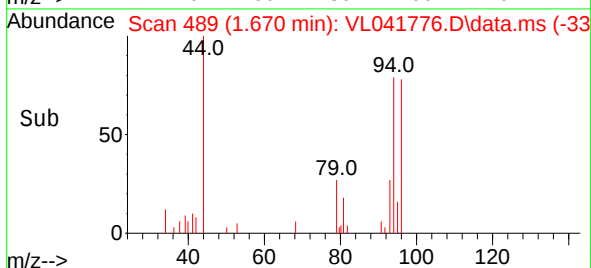
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

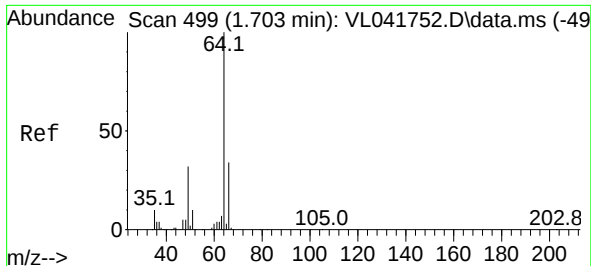


#6
Bromomethane
Concen: 0.492 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41



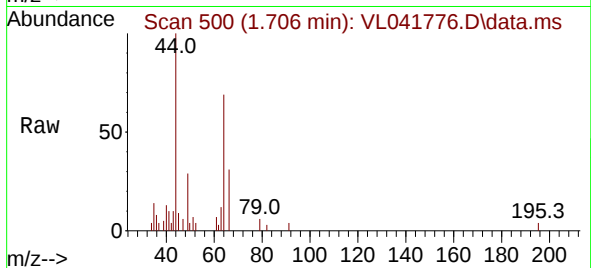
Tgt Ion: 94 Resp: 938
Ion Ratio Lower Upper
94 100
96 98.3 74.7 112.1





#7
Chloroethane
Concen: 0.459 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

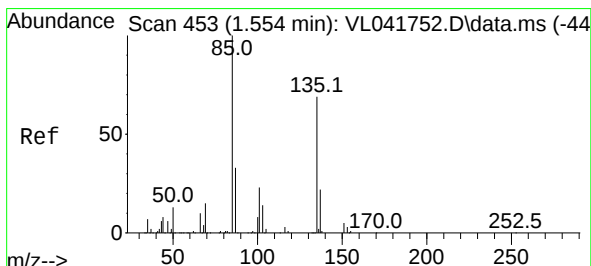
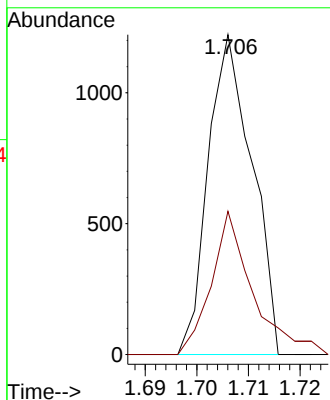
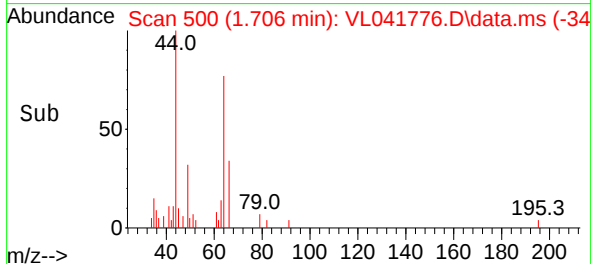
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 44.8 27.5 41.3

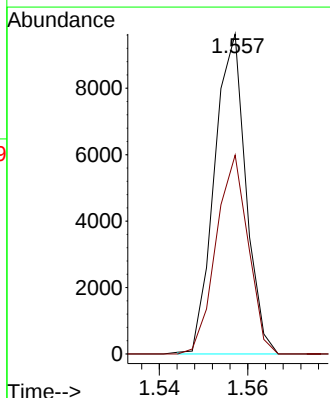
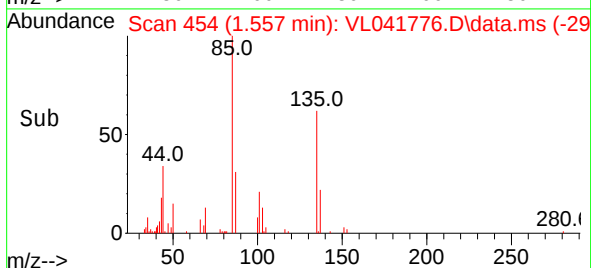
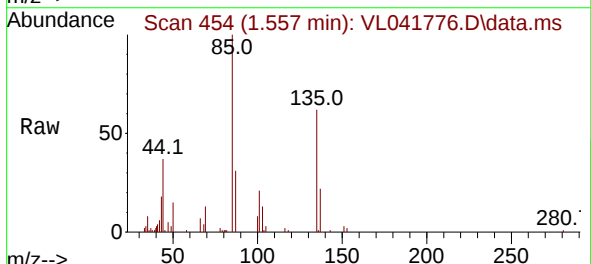
Manual Integrations
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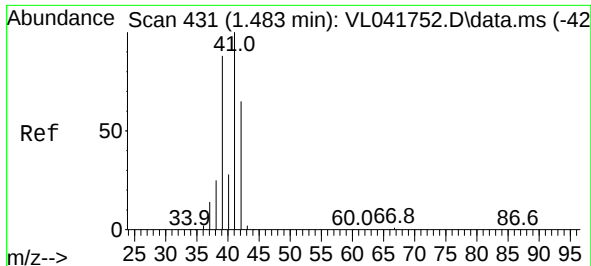
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#8
Dichlorotetrafluoroethane
Concen: 0.517 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 85 Resp: 4747
Ion Ratio Lower Upper
85 100
135 63.5 51.9 77.9





#9

Propene

Concen: 0.410 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 41 Resp: 167

Ion Ratio Lower Upper

41 100

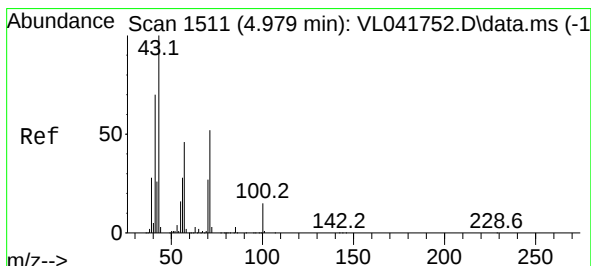
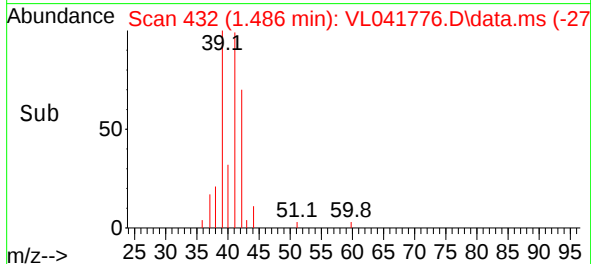
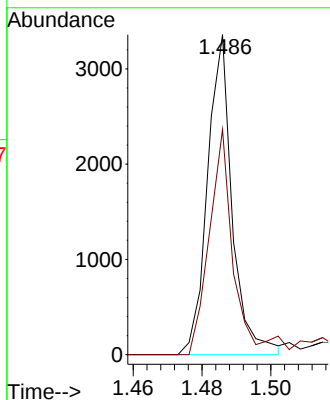
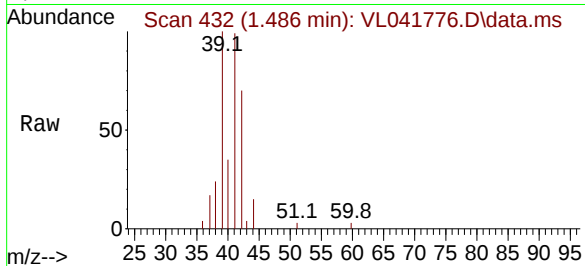
42 80.7 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#10

Heptane

Concen: 0.282 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.013 min

Lab File: VL041776.D

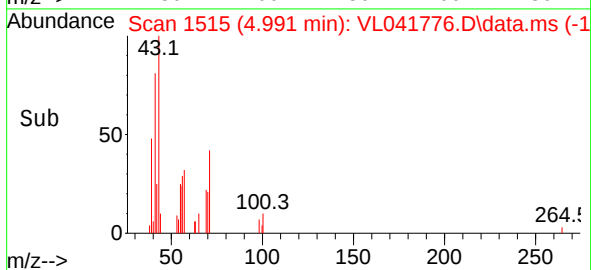
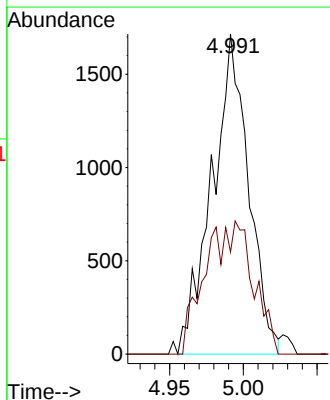
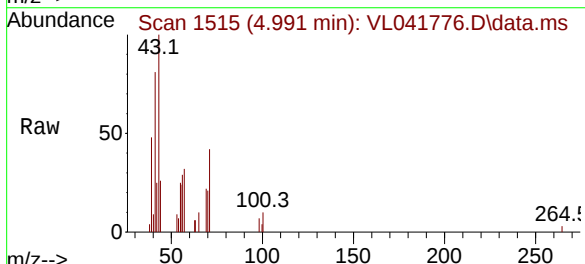
Acq: 17 Dec 2024 13:41

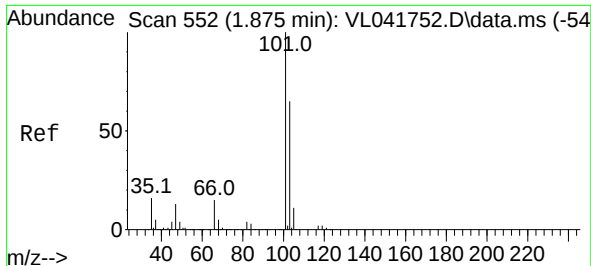
Tgt Ion: 43 Resp: 2954

Ion Ratio Lower Upper

43 100

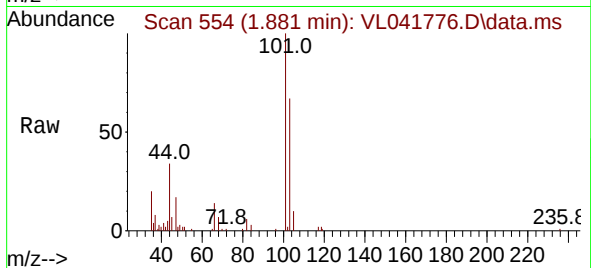
57 54.7 38.5 57.7





#11
Trichlorofluoromethane
Concen: 0.534 ppbv
RT: 1.881 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

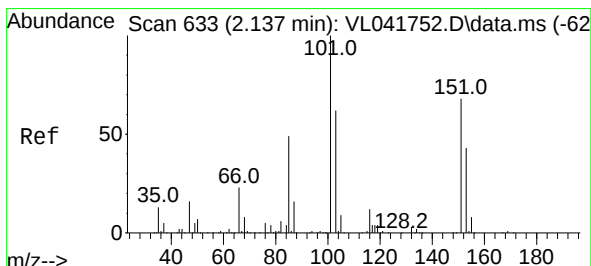
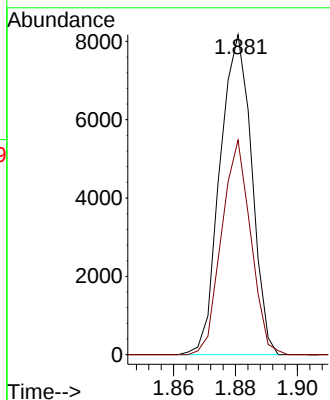
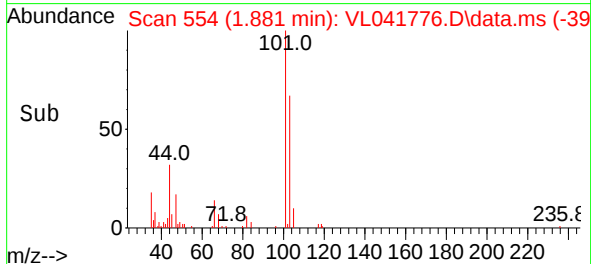
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:101 Resp: 5819
Ion Ratio Lower Upper
101 100
103 67.1 51.8 77.8

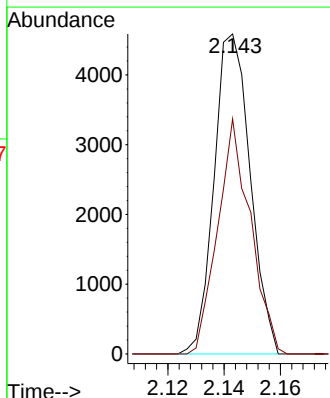
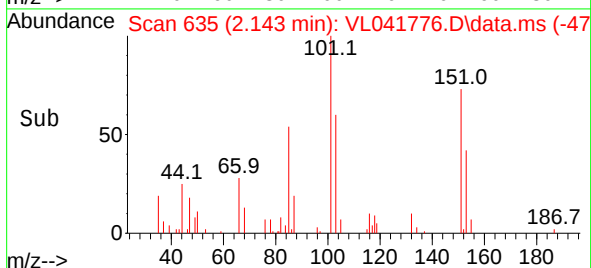
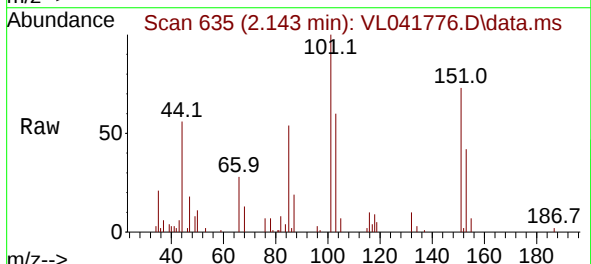
Manual Integrations
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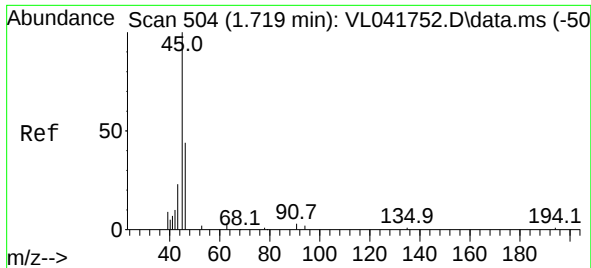
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.493 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

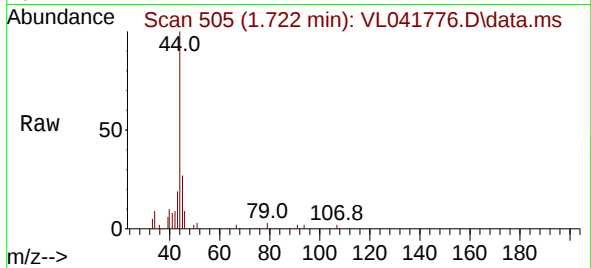
Tgt Ion:101 Resp: 4086
Ion Ratio Lower Upper
101 100
151 66.7 56.8 85.2





#13
Ethanol
Concen: 1.263 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

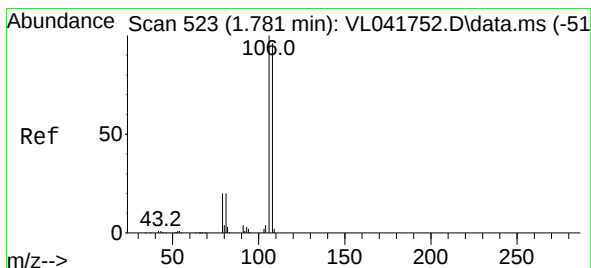
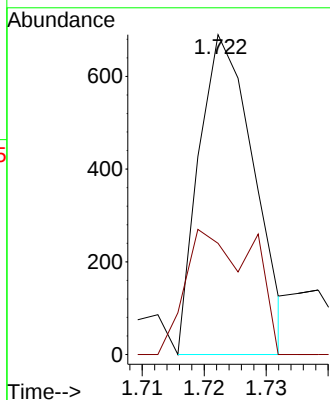
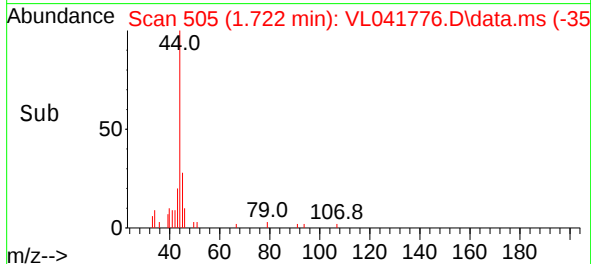
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 45 Resp: 420
Ion Ratio Lower Upper
45 100
46 47.4 16.4 65.8

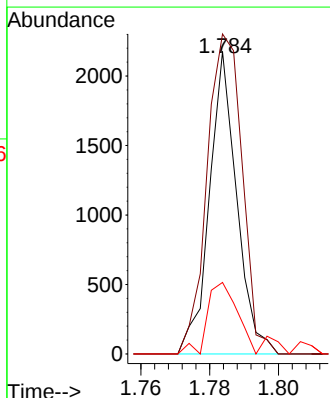
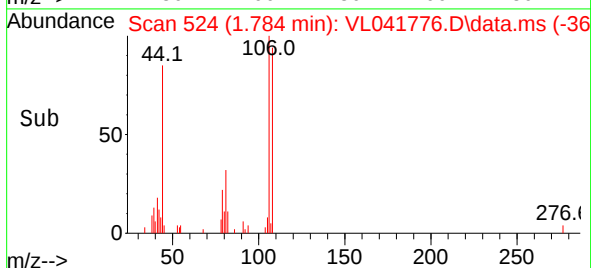
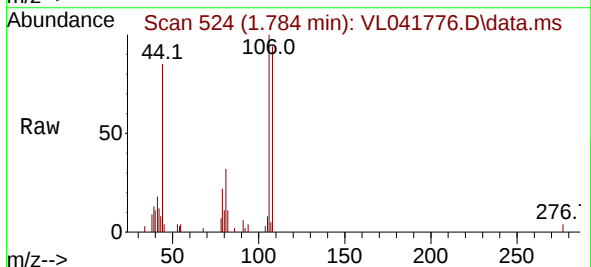
Manual Integrations
APPROVED

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



#14
Bromoethene
Concen: 0.431 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

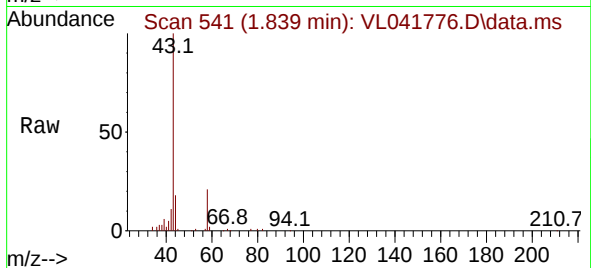
Tgt Ion:108 Resp: 1207
Ion Ratio Lower Upper
108 100
106 135.6 84.1 126.1#
79 31.7 17.4 26.0#





#15
Acetone
Concen: 0.647 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

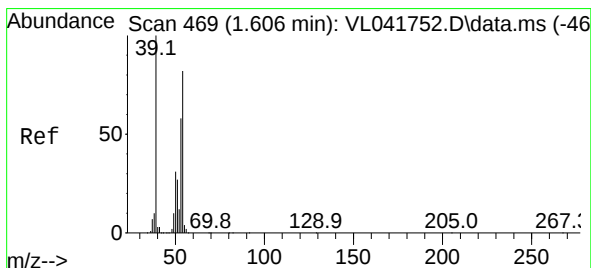
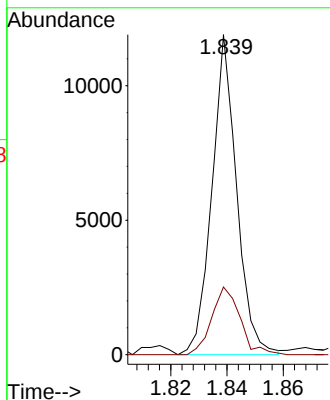
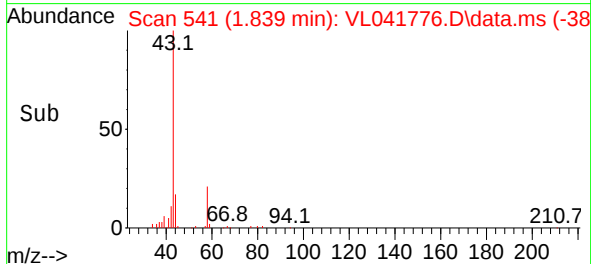
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



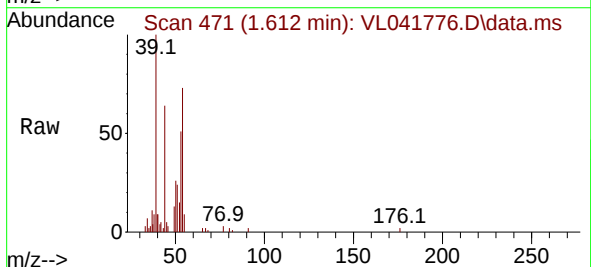
Tgt Ion: 43 Resp: 7258
Ion Ratio Lower Upper
43 100
58 24.2 19.7 29.5

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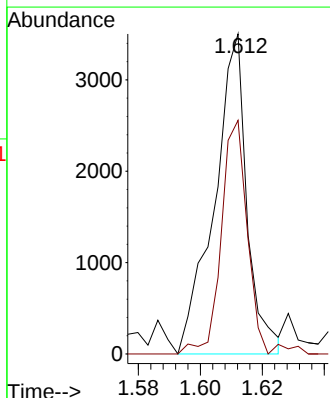
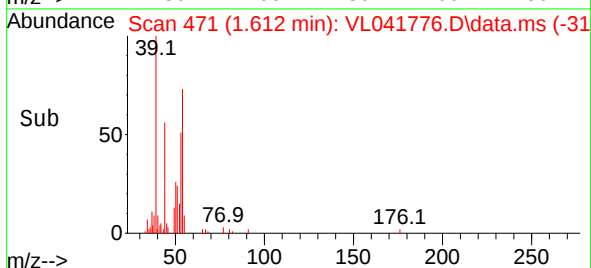
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

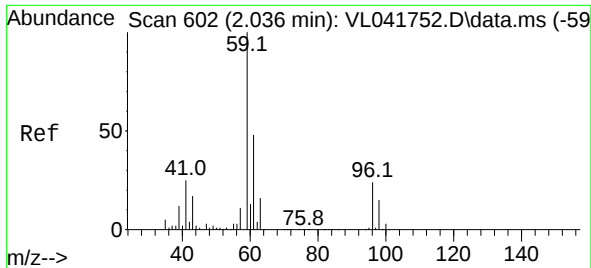


#16
1,3-Butadiene
Concen: 0.583 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41



Tgt Ion: 39 Resp: 2573
Ion Ratio Lower Upper
39 100
54 61.0 58.4 87.6





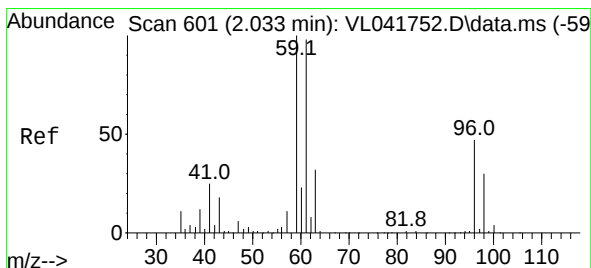
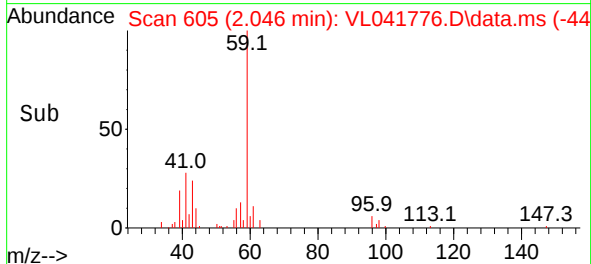
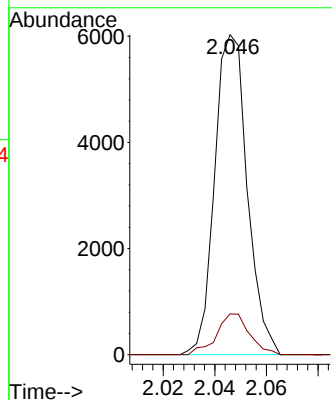
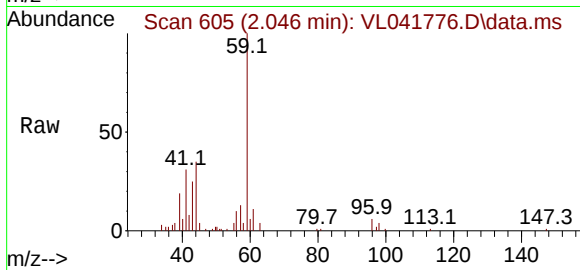
#17
tert-Butyl alcohol
Concen: 0.476 ppbv
RT: 2.046 min Scan# 601
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 59 Resp: 5293
Ion Ratio Lower Upper
59 100
57 12.9 8.6 13.0

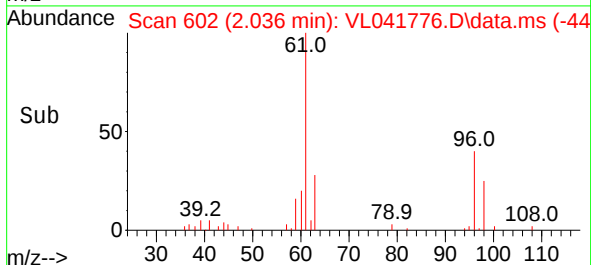
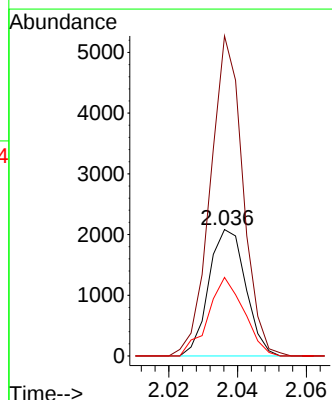
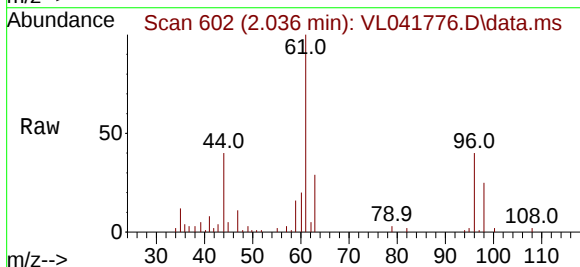
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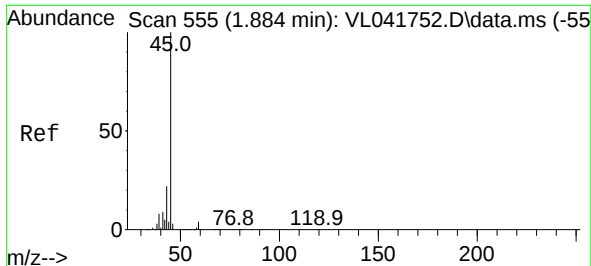
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#18
1,1-Dichloroethene
Concen: 0.447 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 96 Resp: 1551
Ion Ratio Lower Upper
96 100
61 250.5 167.7 251.5
98 62.1 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.581 ppbv

RT: 1.891 min Scan# 512

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

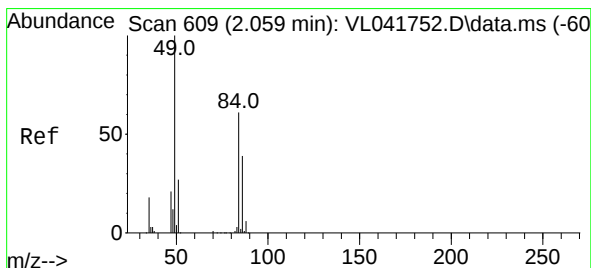
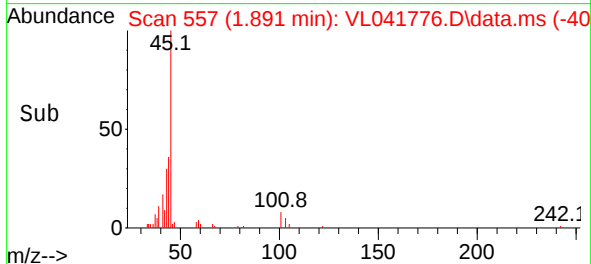
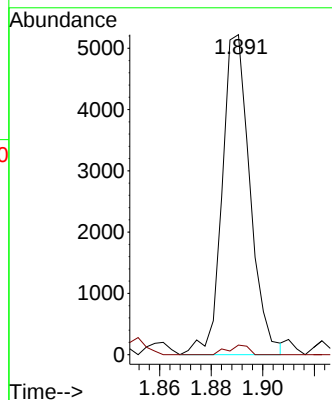
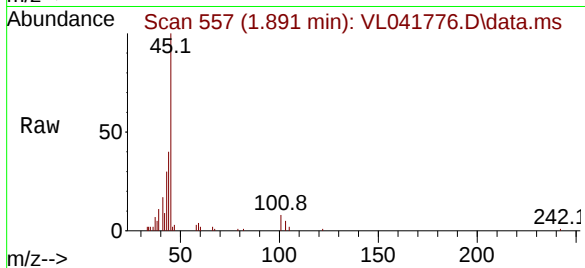
MDL 0.4

Tgt Ion: 45 Resp: 3912
 Ion Ratio Lower Upper
 45 100
 58 2.2 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: 0.632 ppbv

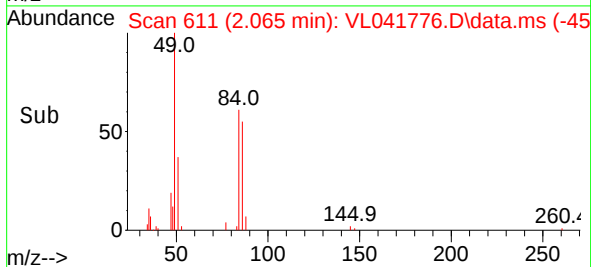
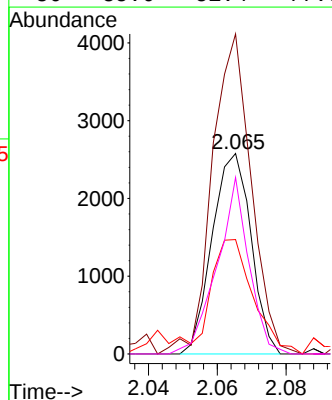
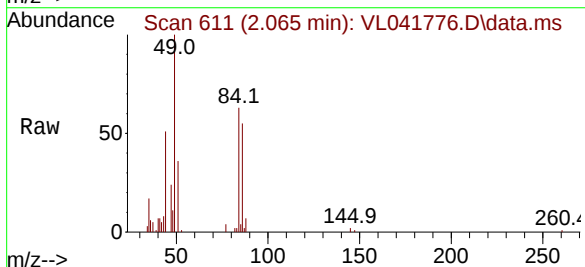
RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 84 Resp: 2022
 Ion Ratio Lower Upper
 84 100
 49 155.5 132.6 198.8
 51 52.8 37.6 56.4
 86 85.6 51.4 77.0%





#21

Allyl Chloride

Concen: 0.422 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

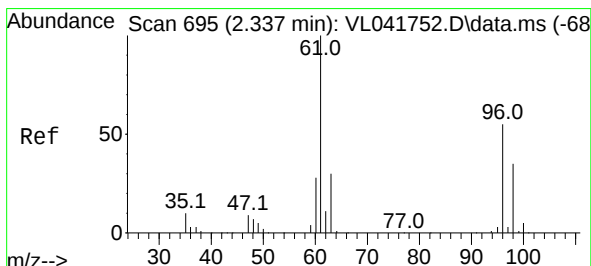
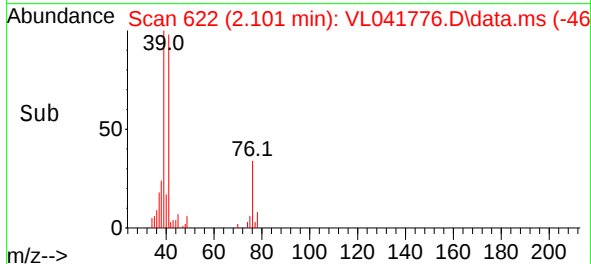
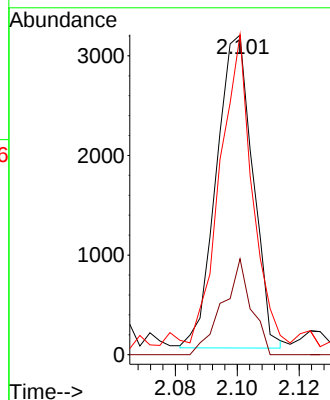
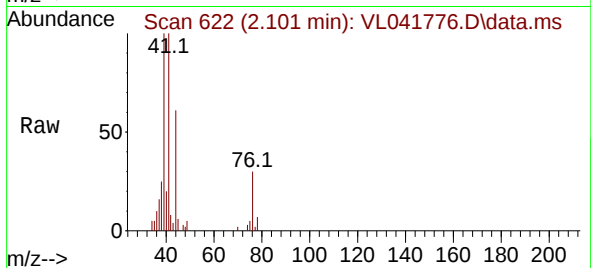
MDL 0.4

Tgt Ion:	41	Resp:	256
Ion Ratio	Lower	Upper	
41	100		
76	23.9	22.3	33.5
39	98.2	69.2	103.8

Manual Integrations

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



#22

trans-1,2-Dichloroethene

Concen: 0.454 ppbv

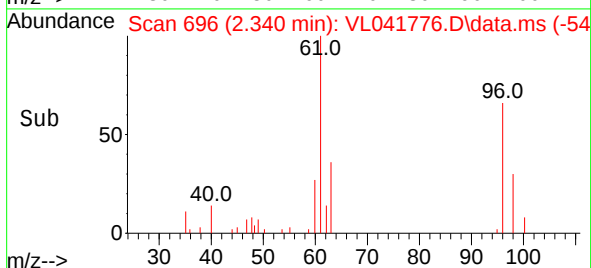
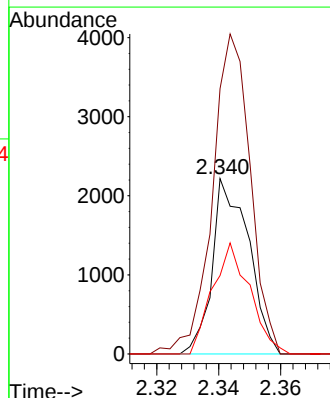
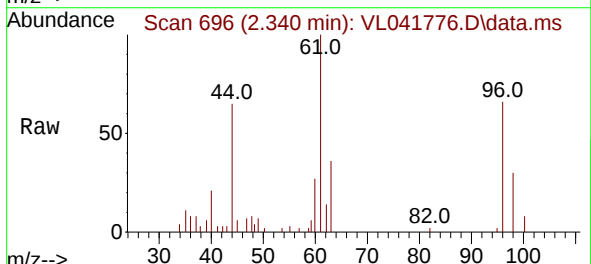
RT: 2.340 min Scan# 696

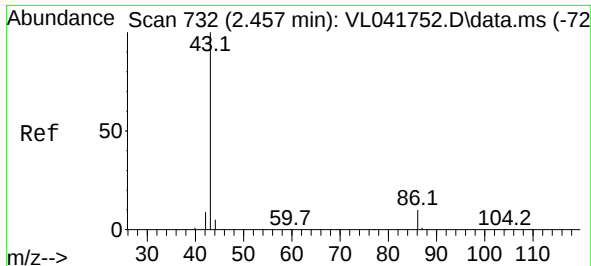
Delta R.T. 0.003 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

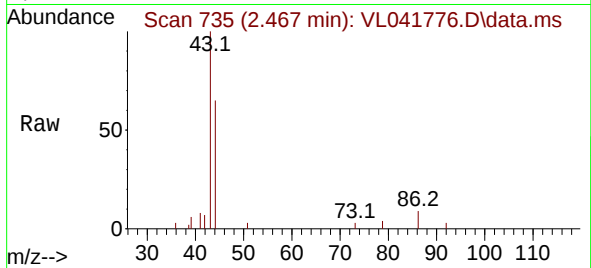
Tgt Ion:	96	Resp:	1807
Ion Ratio	Lower	Upper	
96	100		
61	151.3	146.3	219.5
98	44.7	50.8	76.2#





#23
 Vinyl Acetate
 Concen: 0.425 ppbv m
 RT: 2.467 min Scan# 718
 Delta R.T. 0.010 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

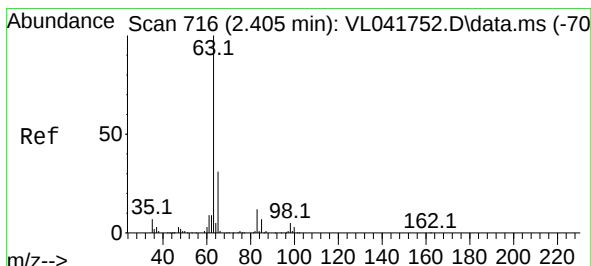
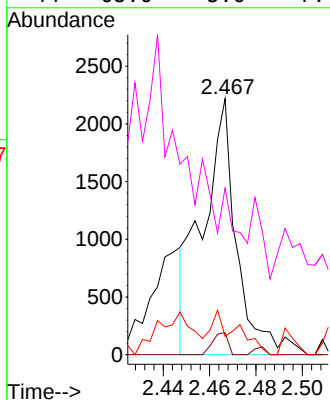
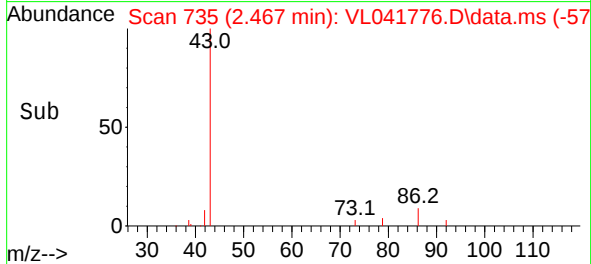
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 43 Resp: 221
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.6 10.0
 42 7.2 8.2 12.2
 44 65.0 5.0 7.4#

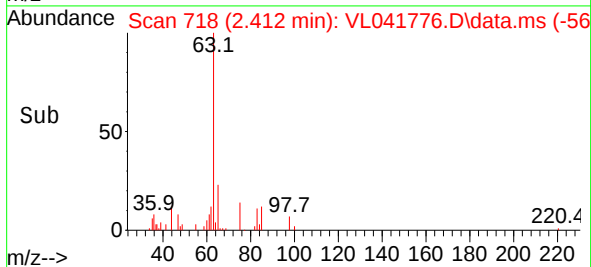
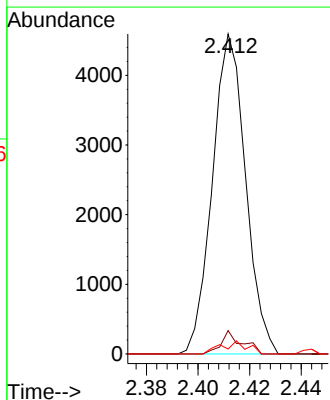
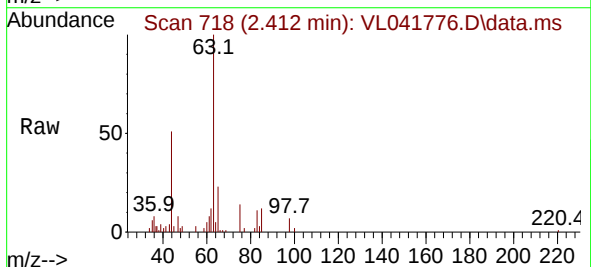
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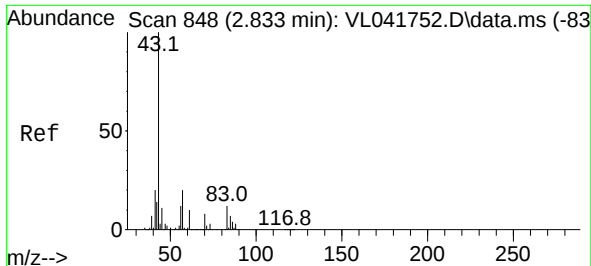
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#24
 1,1-Dichloroethane
 Concen: 0.510 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

Tgt Ion: 63 Resp: 4108
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.3 6.8#
 100 1.6 1.4 4.2





#25

Ethyl Acetate

Concen: 0.373 ppbv

RT: 2.842 min Scan# 848

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

45 11.3 8.1 12.1

61 9.2 7.0 10.6

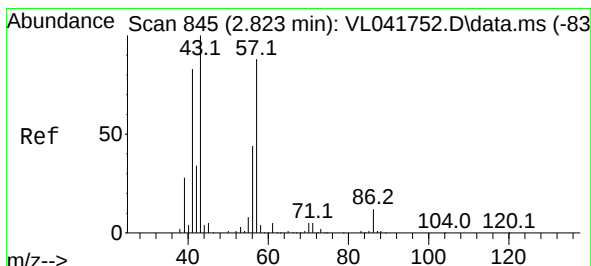
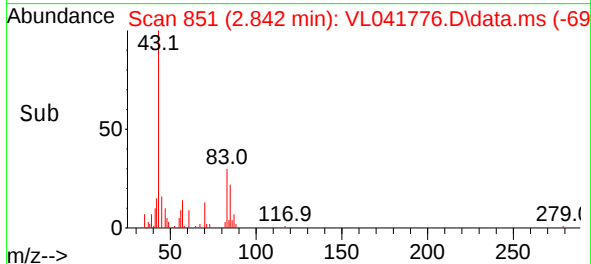
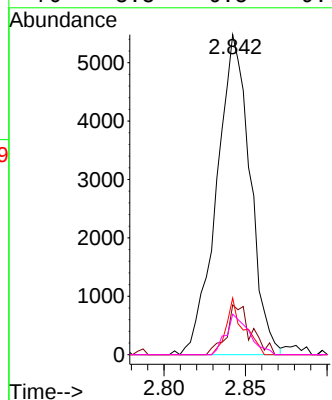
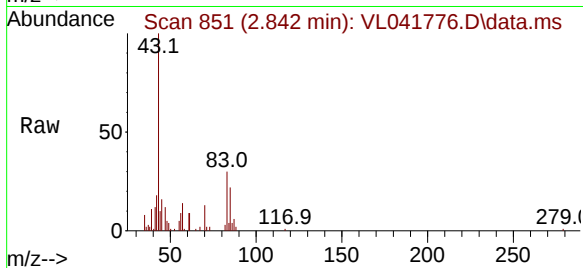
70 8.8 6.5 9.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#26

Hexane

Concen: 0.382 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 57 Resp: 3027

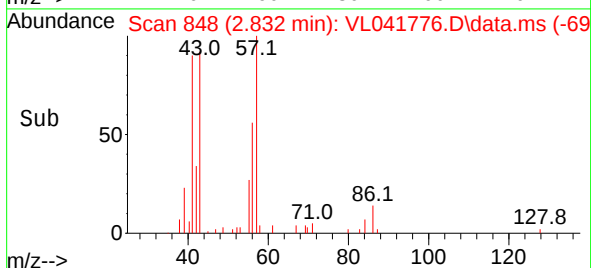
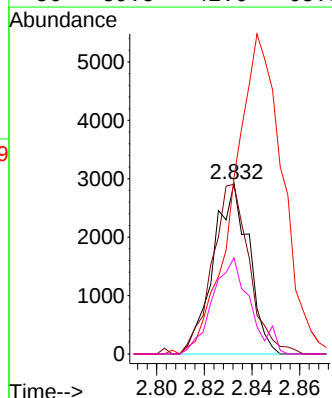
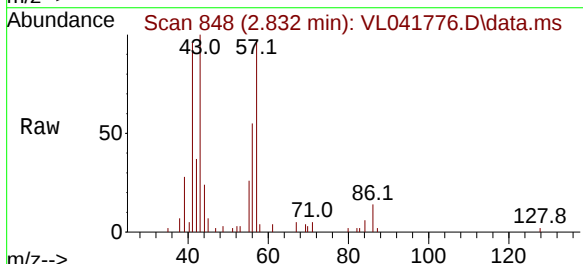
Ion Ratio Lower Upper

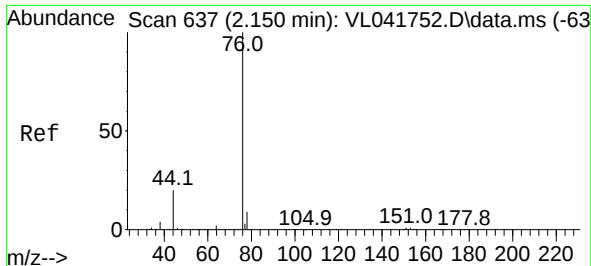
57 100

41 104.5 79.6 119.4

43 262.3 211.0 316.6

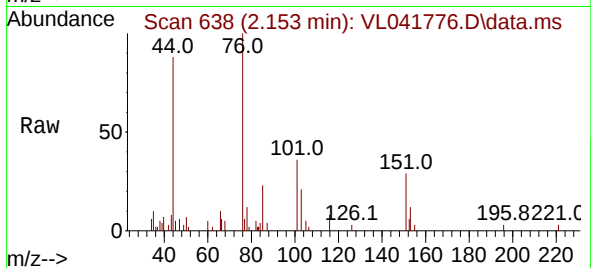
56 59.5 42.6 63.8





#27
Carbon Disulfide
Concen: 0.309 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

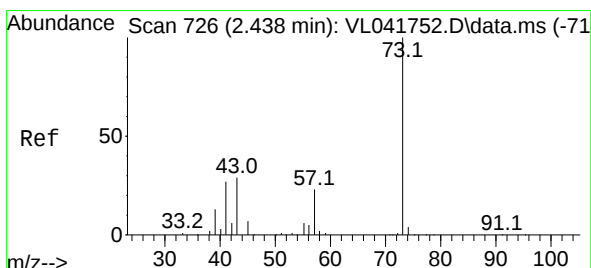
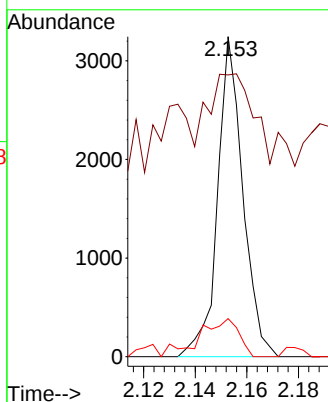
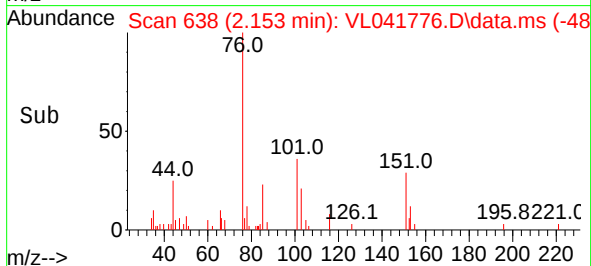
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 76 Resp: 2209
Ion Ratio Lower Upper
76 100
44 295.3 17.6 26.4
78 21.9 10.2 15.4

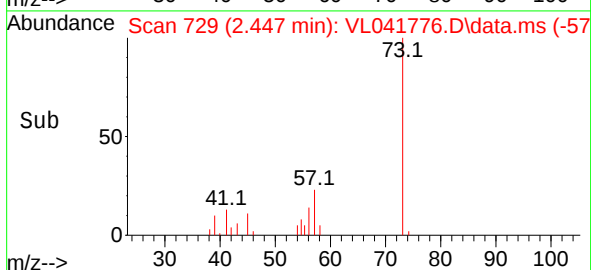
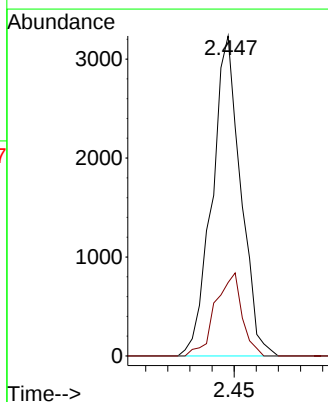
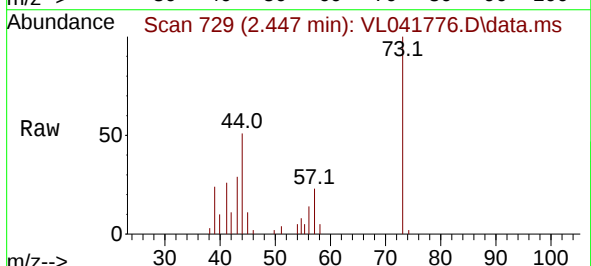
Manual Integrations
APPROVED

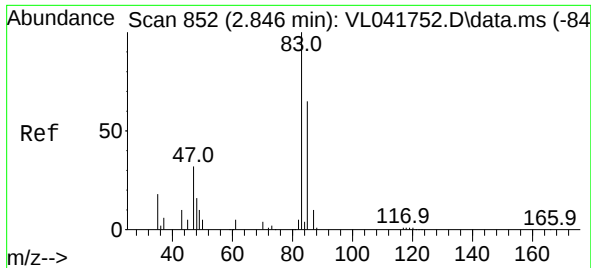
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#28
Methyl tert-Butyl Ether
Concen: 0.454 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.009 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 73 Resp: 2913
Ion Ratio Lower Upper
73 100
57 24.1 17.6 26.4





#29

Chloroform

Concen: 0.477 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 83 Resp: 5750

Ion Ratio Lower Upper

83 100

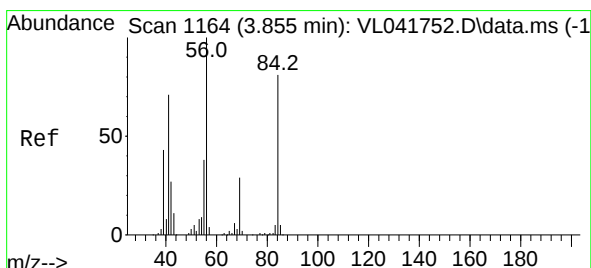
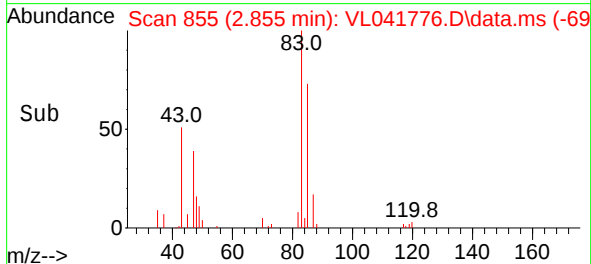
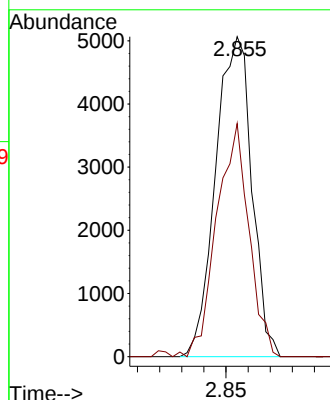
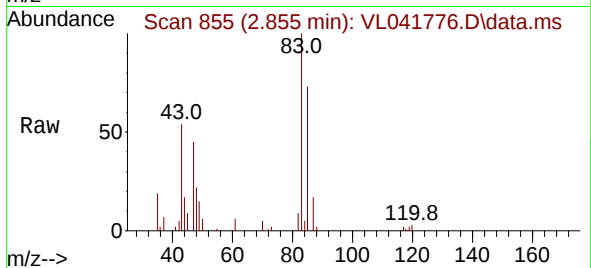
85 72.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#30

Cyclohexane

Concen: 0.352 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

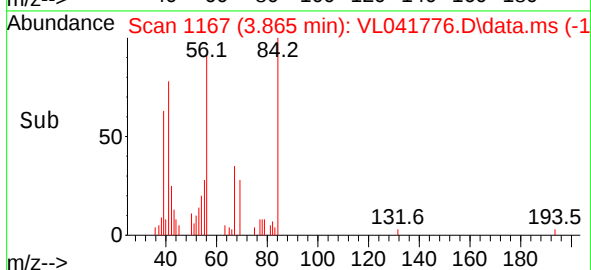
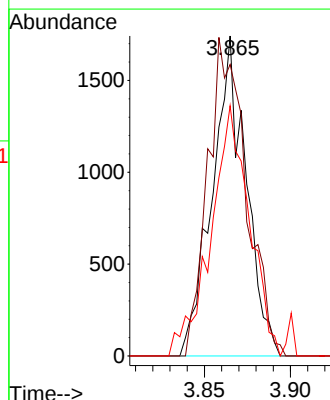
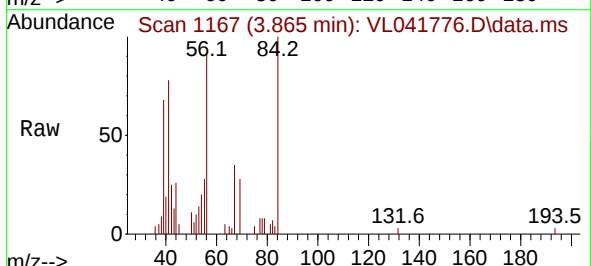
Tgt Ion: 84 Resp: 2370

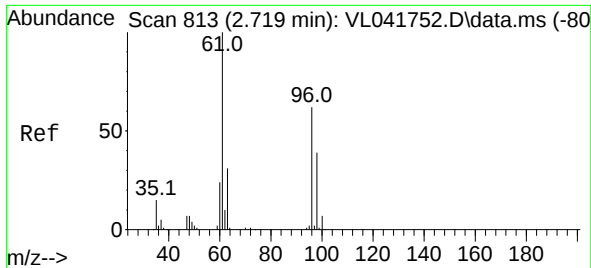
Ion Ratio Lower Upper

84 100

56 113.0 102.3 153.5

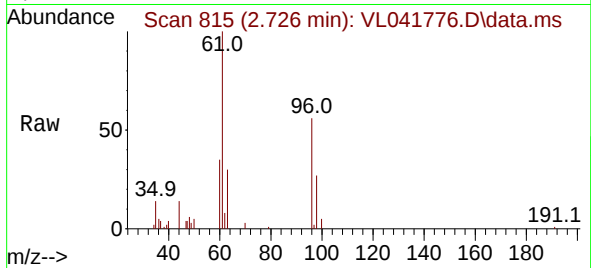
41 91.8 74.0 111.0





#31
 cis-1,2-Dichloroethene
 Concen: 0.414 ppbv
 RT: 2.726 min Scan# 813
 Delta R.T. 0.006 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

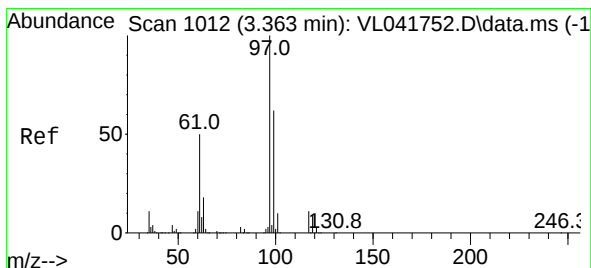
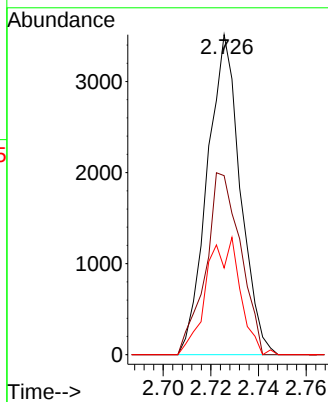
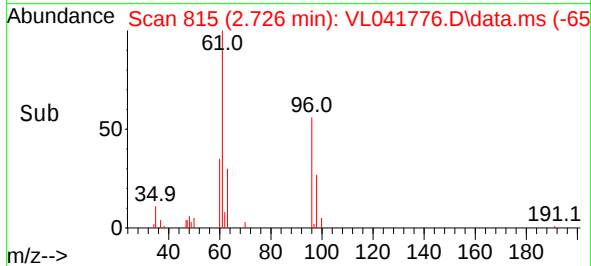
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 61 Resp: 3384
 Ion Ratio Lower Upper
 61 100
 96 56.0 49.7 74.5
 98 27.1 30.8 46.2

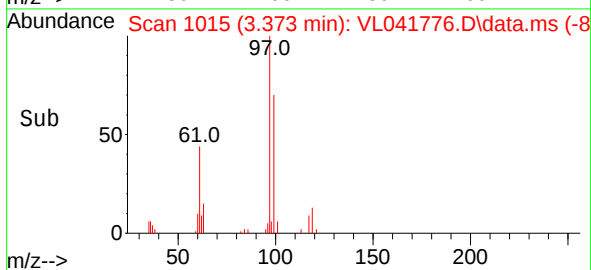
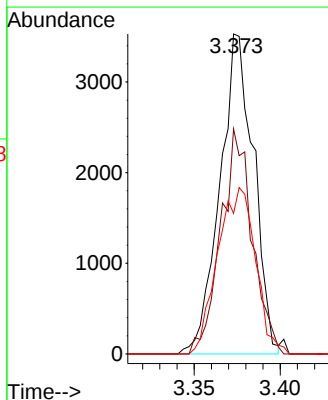
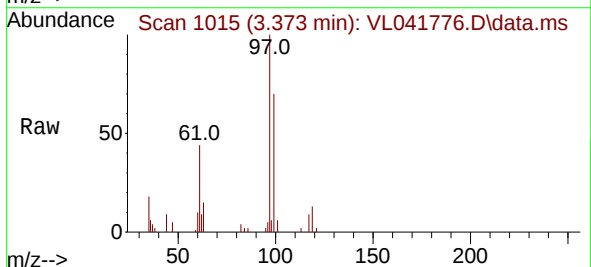
Manual Integrations
 APPROVED

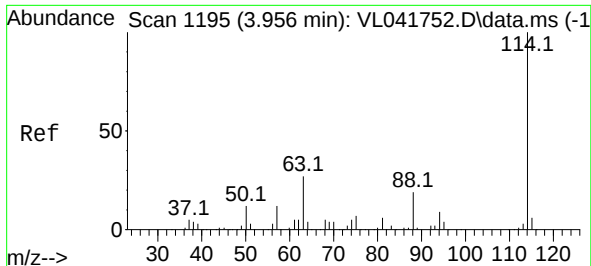
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.392 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.009 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

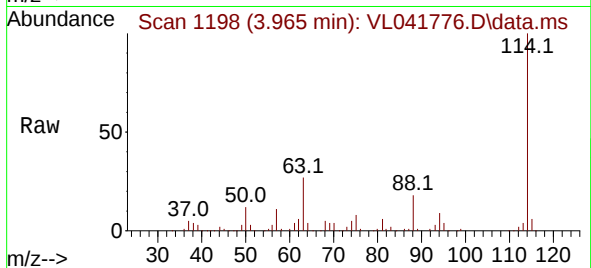
Tgt Ion: 97 Resp: 4812
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.0 76.4
 61 58.4 42.2 63.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

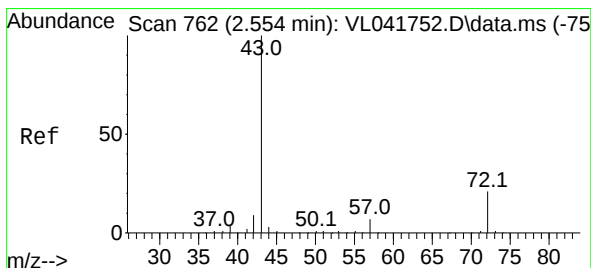
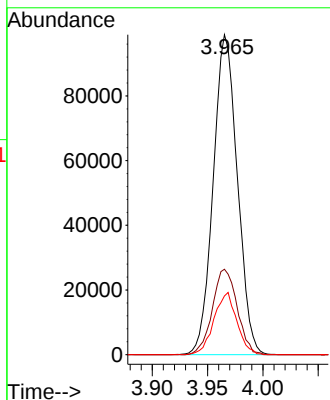
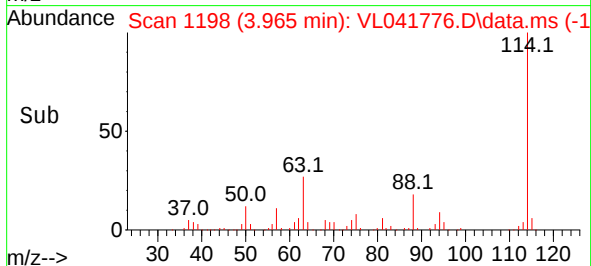
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:114 Resp: 15023
Ion Ratio Lower Upper
114 100
63 27.5 21.8 32.8
88 18.5 14.8 22.2

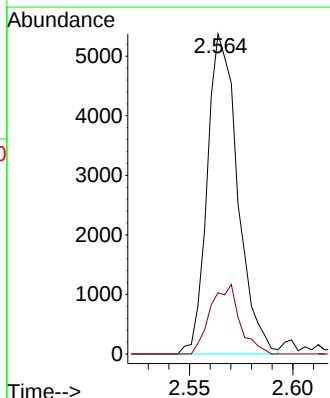
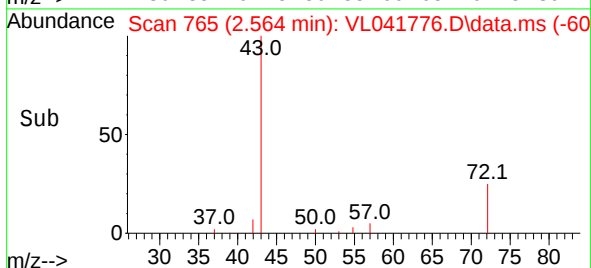
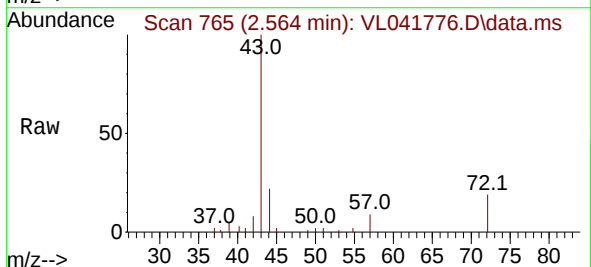
Manual Integrations
APPROVED

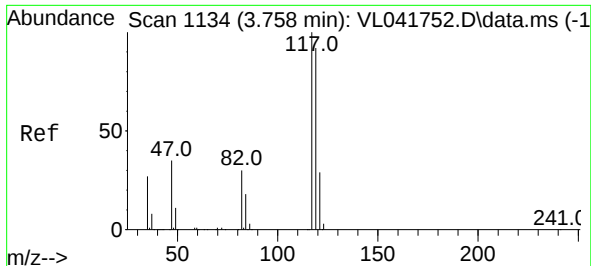
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#34
2-Butanone
Concen: 0.456 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

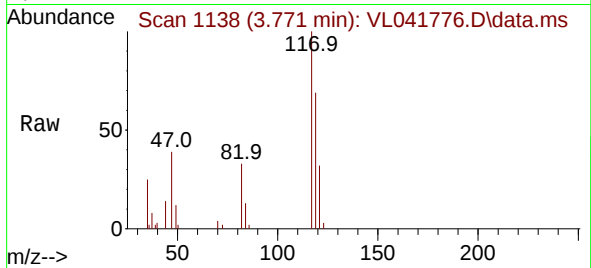
Tgt Ion: 43 Resp: 5516
Ion Ratio Lower Upper
43 100
72 20.9 16.8 25.2





#35
Carbon Tetrachloride
Concen: 0.448 ppbv m
RT: 3.771 min Scan# 1134
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

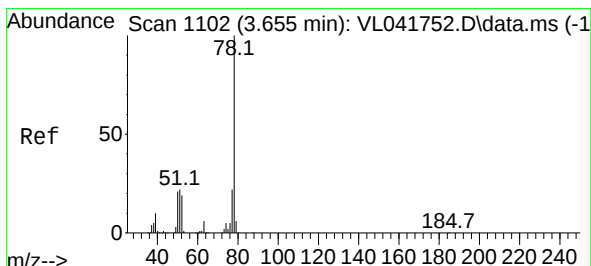
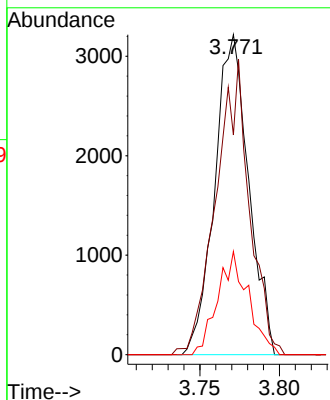
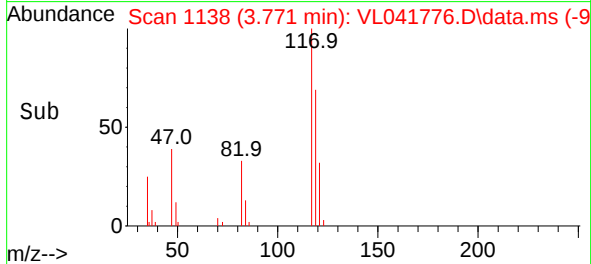
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:117 Resp: 4780
Ion Ratio Lower Upper
117 100
119 68.6 73.7 110.5#
121 32.3 23.0 34.4

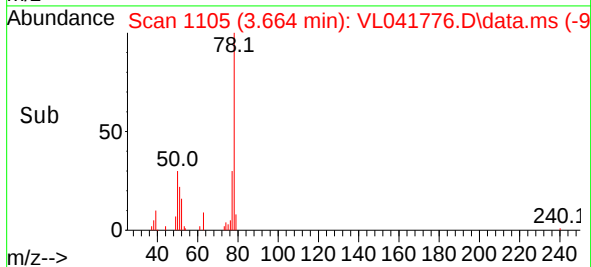
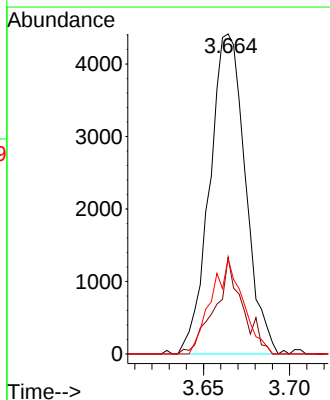
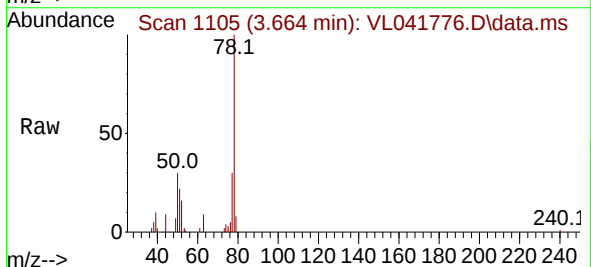
Manual Integrations
APPROVED

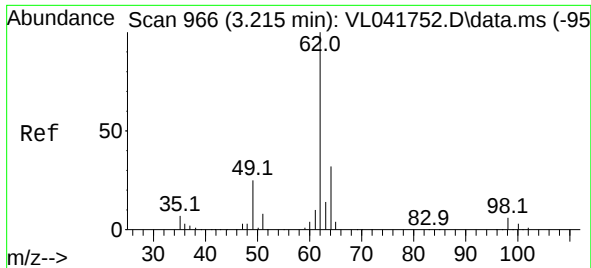
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#36
Benzene
Concen: 0.409 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.009 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 78 Resp: 6358
Ion Ratio Lower Upper
78 100
77 30.2 17.8 26.6#
50 29.8 17.2 25.8#





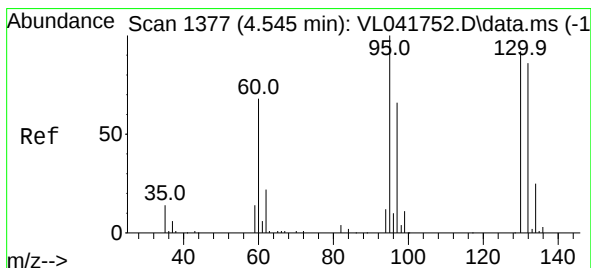
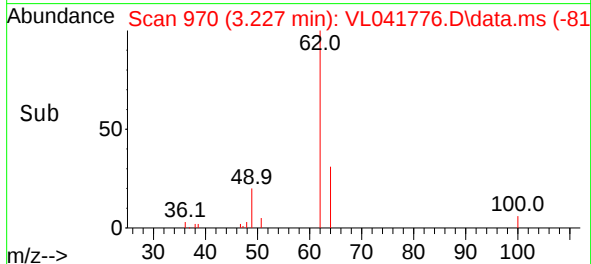
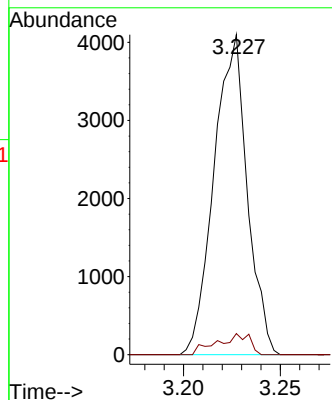
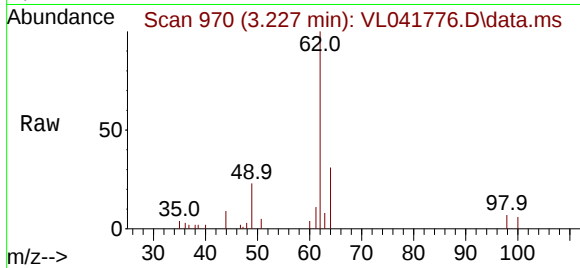
#37
1,2-Dichloroethane
Concen: 0.505 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 62 Resp: 488
Ion Ratio Lower Upper
62 100
98 6.4 4.7 7.1

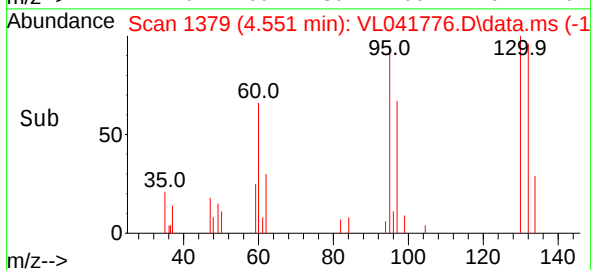
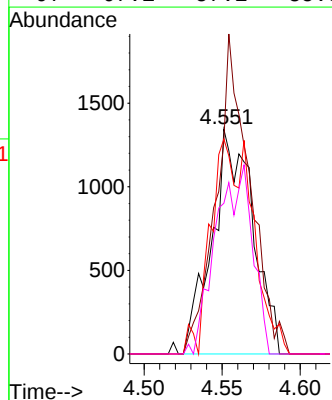
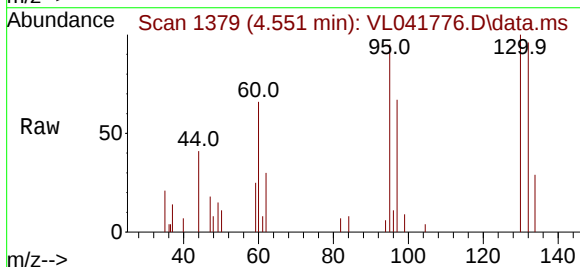
Manual Integrations
APPROVED

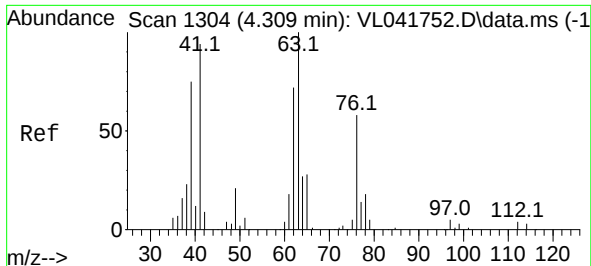
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#38
Trichloroethene
Concen: 0.371 ppbv m
RT: 4.551 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

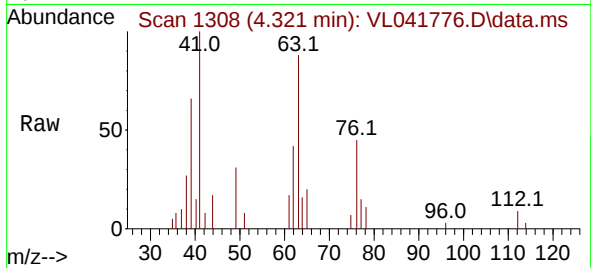
Tgt Ion:130 Resp: 2449
Ion Ratio Lower Upper
130 100
95 94.8 87.0 130.6
132 95.6 75.0 112.6
97 67.1 57.2 85.8





#39
1,2-Dichloropropane
Concen: 0.433 ppbv
RT: 4.321 min Scan# 1308
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

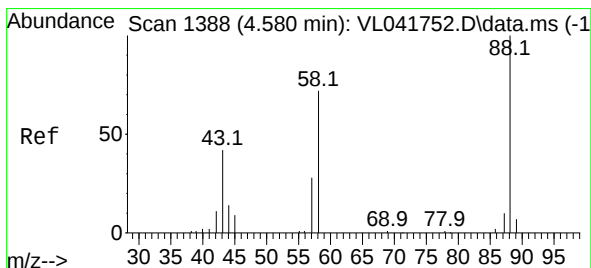
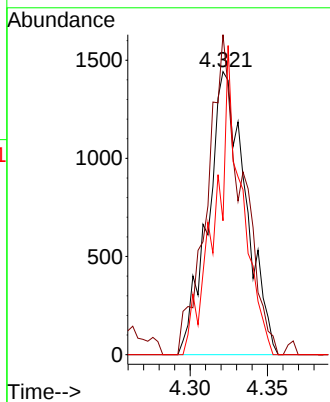
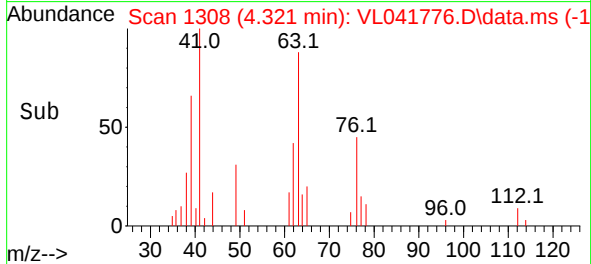
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 63 Resp: 243
Ion Ratio Lower Upper
63 100
41 113.0 75.3 112.9#
62 47.3 57.3 85.9#

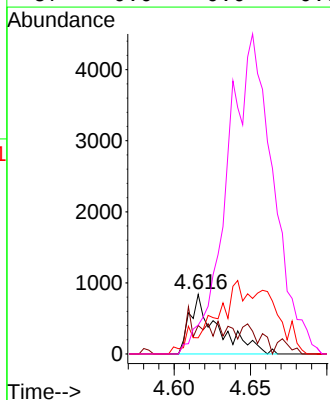
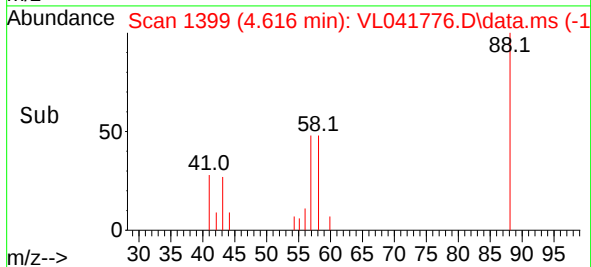
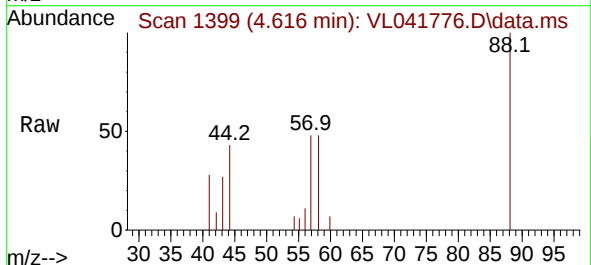
Manual Integrations
APPROVED

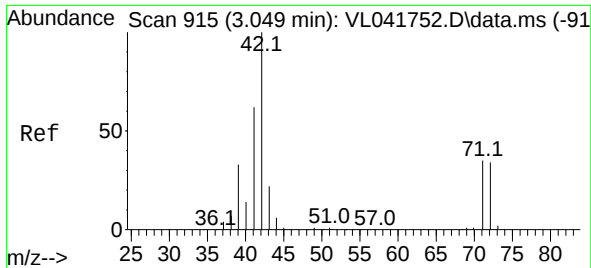
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#40
1,4-Dioxane
Concen: 0.398 ppbv m
RT: 4.616 min Scan# 1399
Delta R.T. 0.035 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

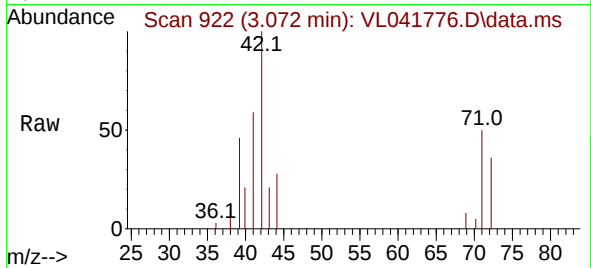
Tgt Ion: 88 Resp: 1093
Ion Ratio Lower Upper
88 100
58 116.8 61.0 91.6#
43 0.0 29.4 44.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.289 ppbv m
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

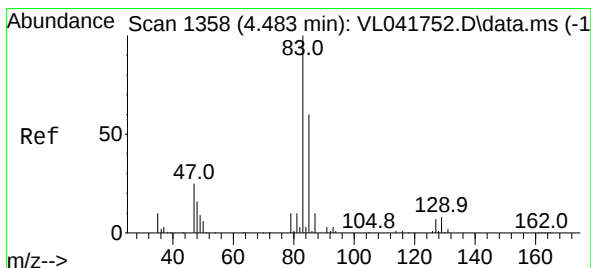
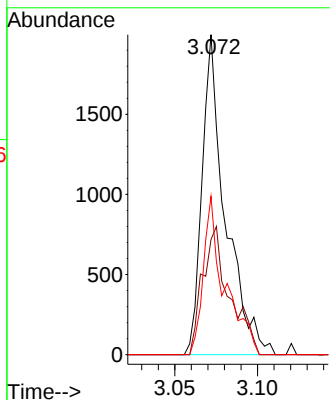
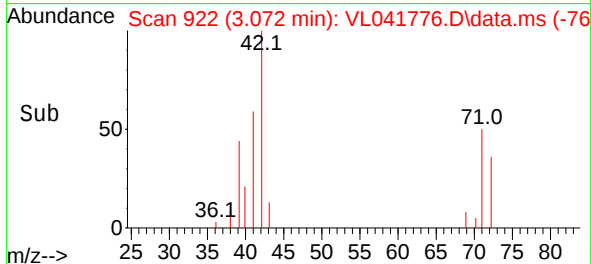
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 42 Resp: 1960
Ion Ratio Lower Upper
42 100
72 46.3 29.1 43.7
71 45.3 28.4 42.6

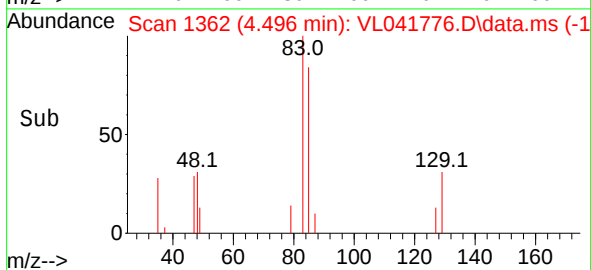
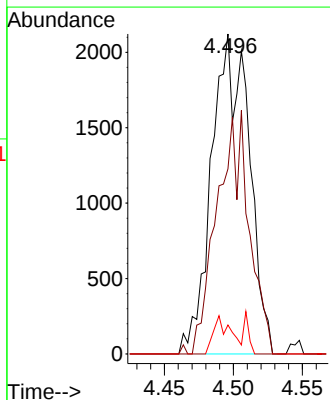
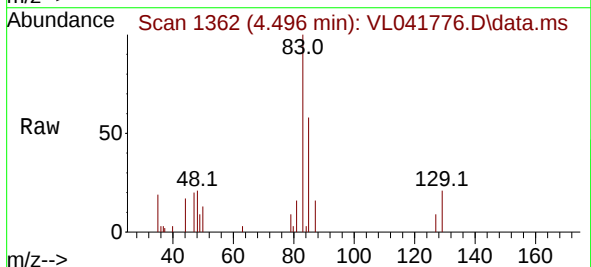
Manual Integrations
APPROVED

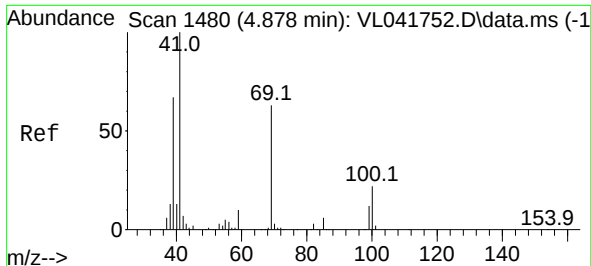
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#42
Bromodichloromethane
Concen: 0.360 ppbv m
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 83 Resp: 4004
Ion Ratio Lower Upper
83 100
85 57.8 48.0 72.0
127 9.0 5.8 8.8





#43

Methyl Methacrylate

Concen: 0.326 ppbv m

RT: 4.891 min Scan# 1480

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

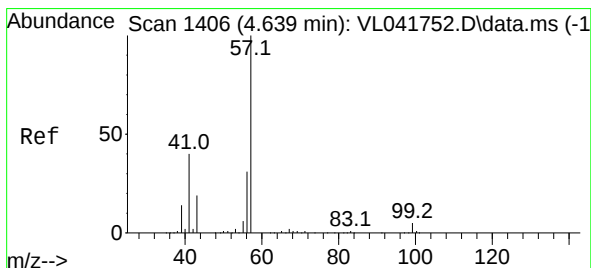
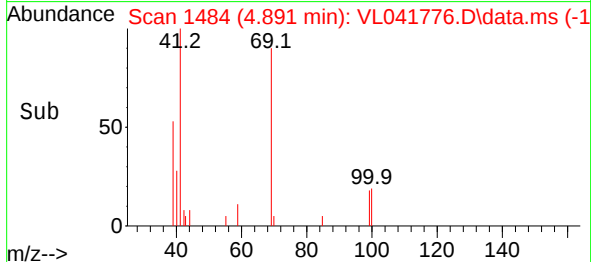
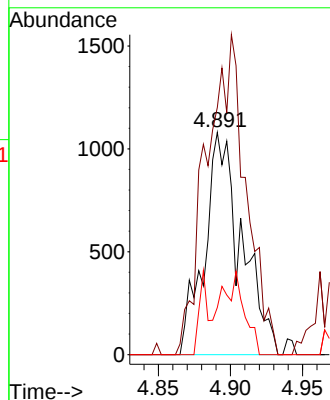
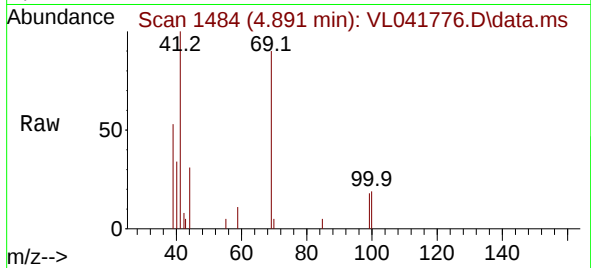
Tgt Ion: 69 Resp: 1928

Ion	Ratio	Lower	Upper
69	100		
41	0.0	130.3	195.5
100	32.1	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: 0.356 ppbv m

RT: 4.651 min Scan# 1410

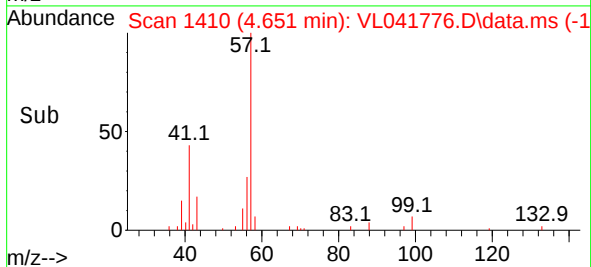
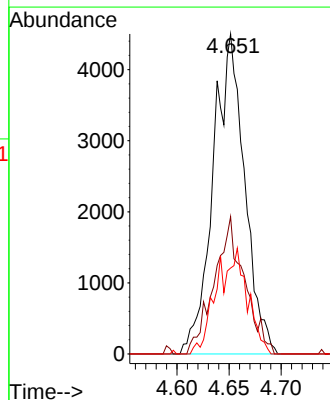
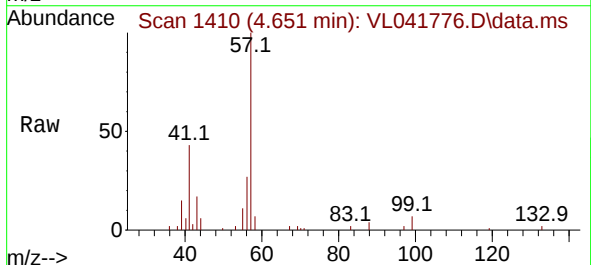
Delta R.T. 0.013 min

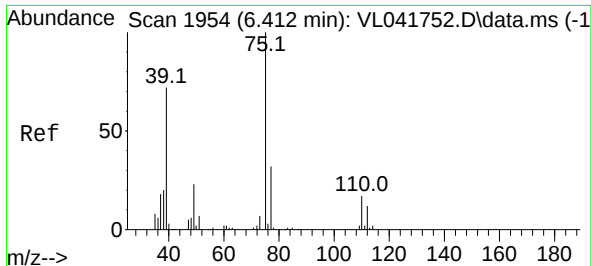
Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 57 Resp: 9455

Ion	Ratio	Lower	Upper
57	100		
41	41.1	30.7	46.1
56	32.3	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 0.296 ppbv m

RT: 6.432 min Scan# 1

Delta R.T. 0.019 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 75 Resp: 1810

Ion Ratio Lower Upper

75 100

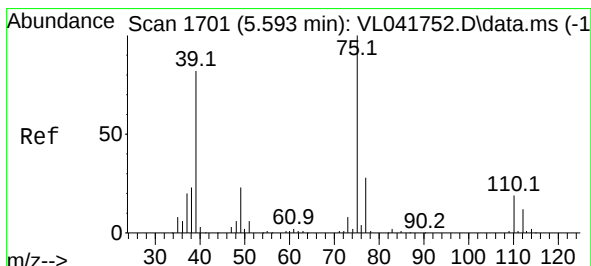
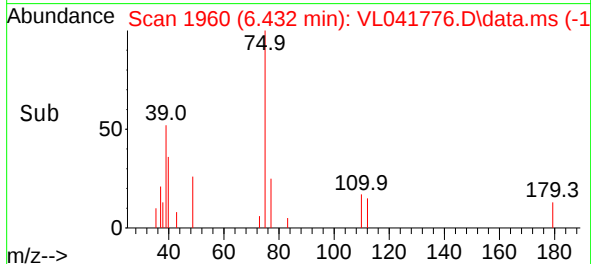
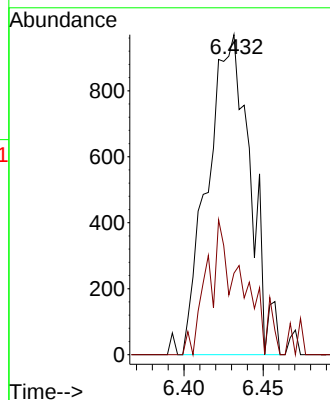
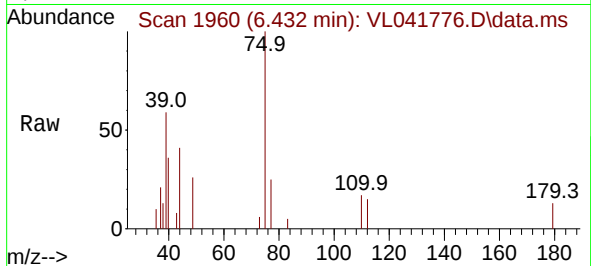
77 25.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#46

cis-1,3-Dichloropropene

Concen: 0.297 ppbv m

RT: 5.616 min Scan# 1708

Delta R.T. 0.022 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

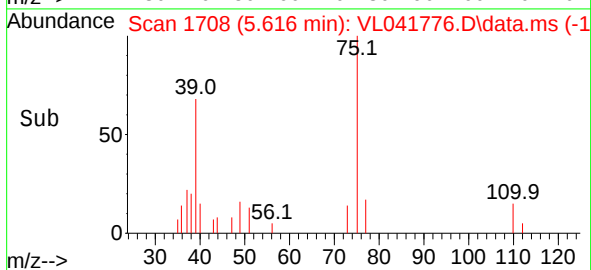
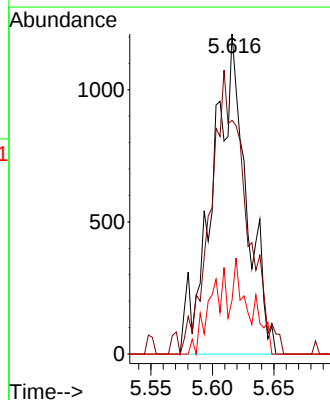
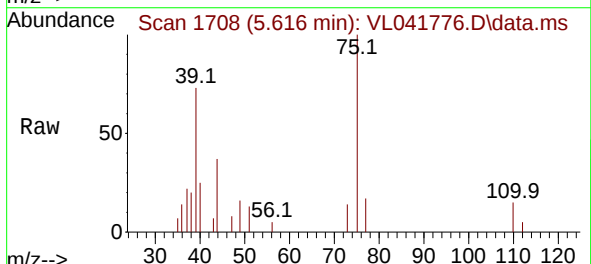
Tgt Ion: 75 Resp: 2313

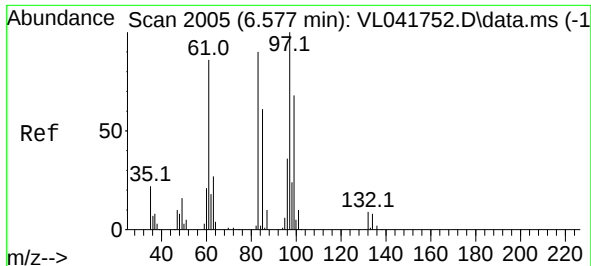
Ion Ratio Lower Upper

75 100

39 73.0 65.2 97.8

77 16.8 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 0.432 ppbv

RT: 6.597 min Scan# 2005

Delta R.T. 0.019 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 97 Resp: 2538

Ion Ratio Lower Upper

97 100

83 83.4 72.3 108.5

85 50.7 48.5 72.7

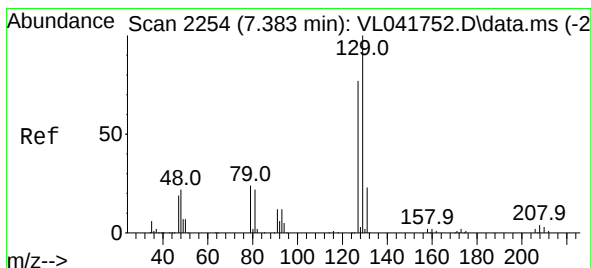
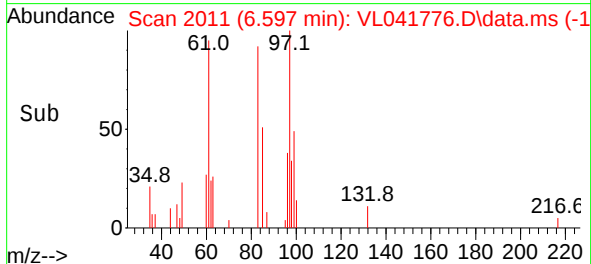
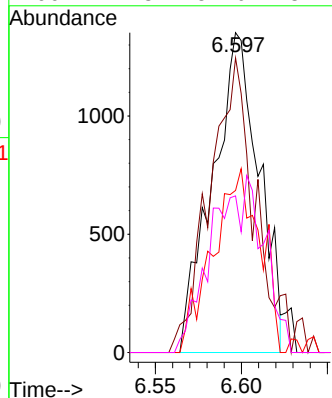
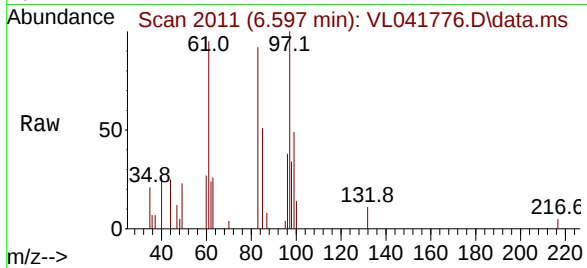
99 44.8 54.0 81.0#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#48

Dibromochloromethane

Concen: 0.312 ppbv m

RT: 7.393 min Scan# 2257

Delta R.T. 0.010 min

Lab File: VL041776.D

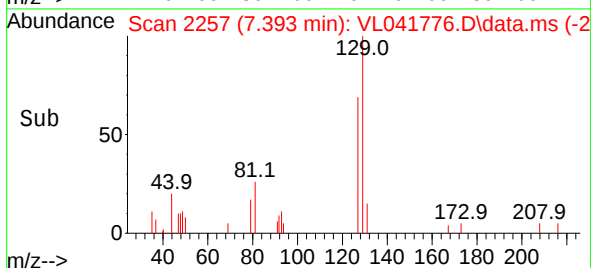
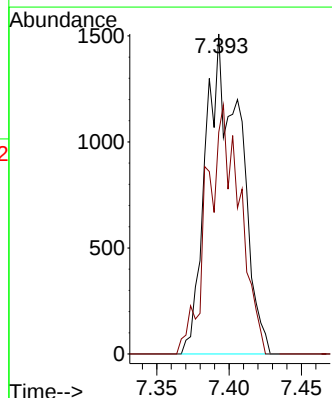
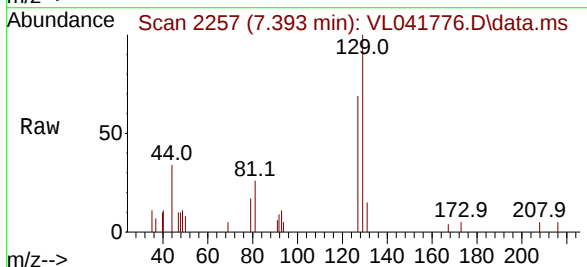
Acq: 17 Dec 2024 13:41

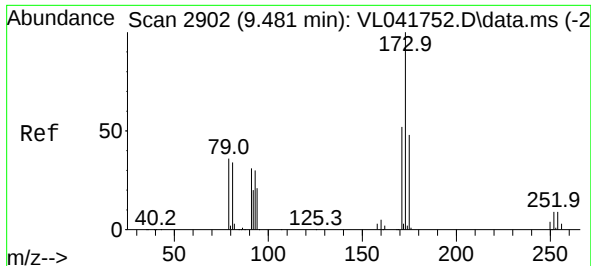
Tgt Ion:129 Resp: 2503

Ion Ratio Lower Upper

129 100

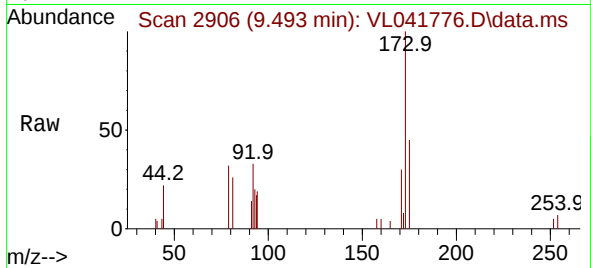
127 0.0 38.8 116.3#





#49
Bromoform
Concen: 0.308 ppbv
RT: 9.493 min Scan# 2023
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

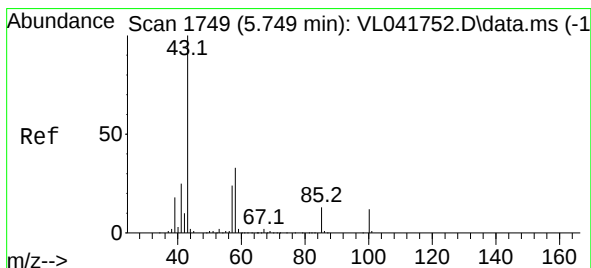
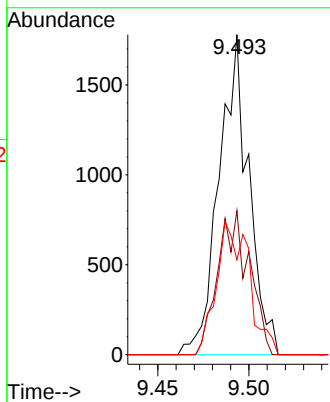
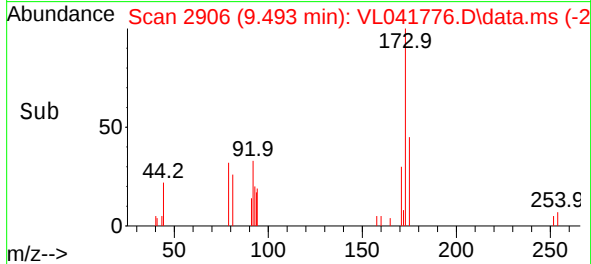
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:173 Resp: 2023
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
171 45.7 41.1 61.7

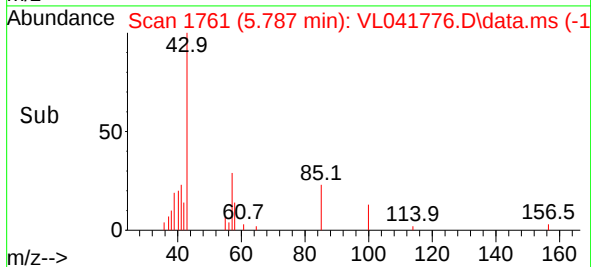
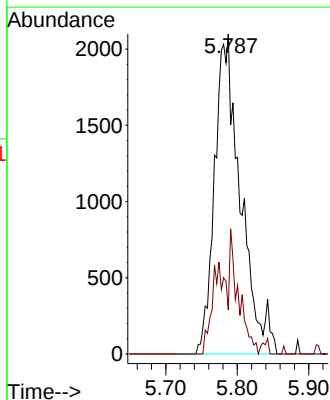
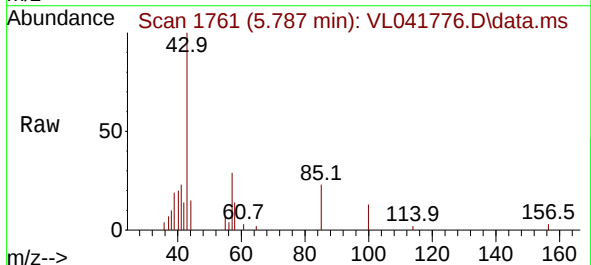
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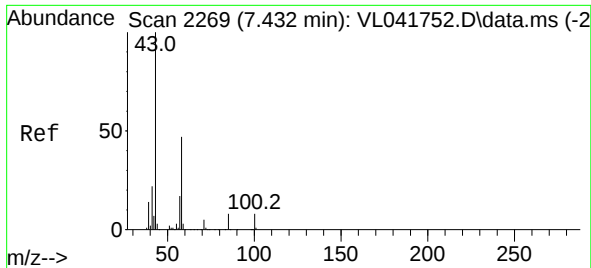
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#50
4-Methyl-2-Pentanone
Concen: 0.320 ppbv m
RT: 5.787 min Scan# 1761
Delta R.T. 0.039 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

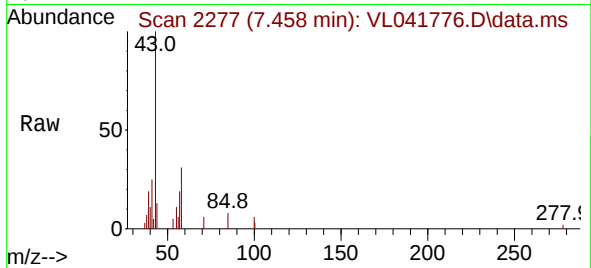
Tgt Ion: 43 Resp: 5264
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#





#51
2-Hexanone
Concen: 0.284 ppbv
RT: 7.458 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

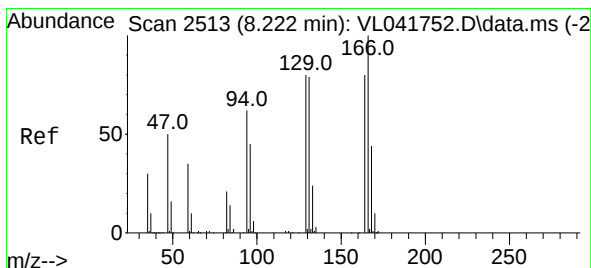
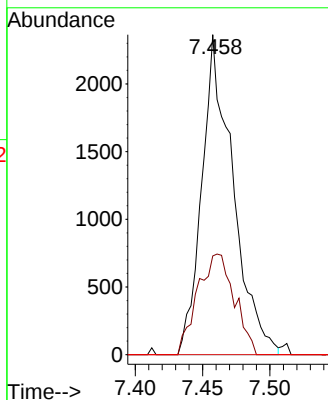
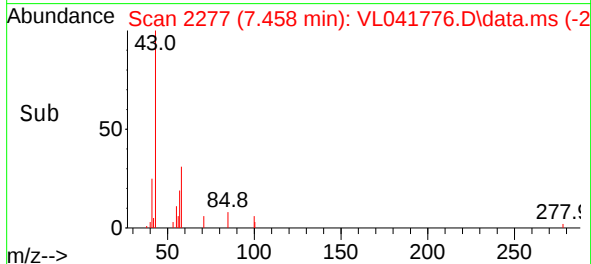
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 3794
Ion Ratio Lower Upper
43 100
58 37.1 36.6 55.0
98 0.0 0.1 0.1

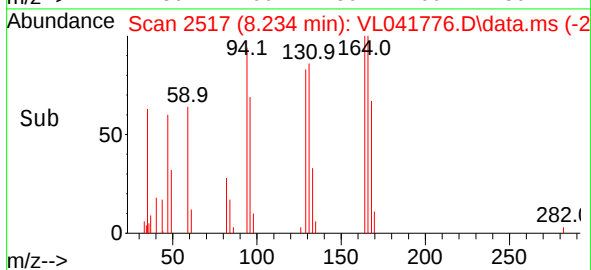
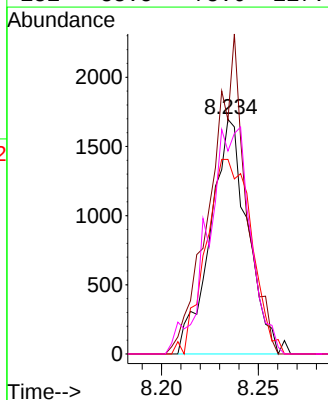
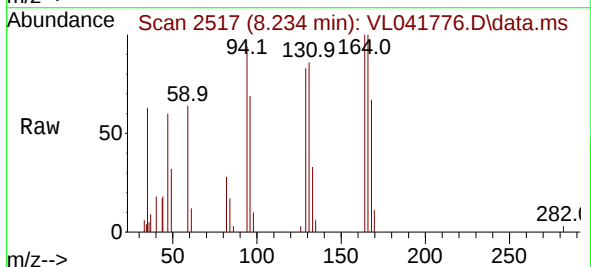
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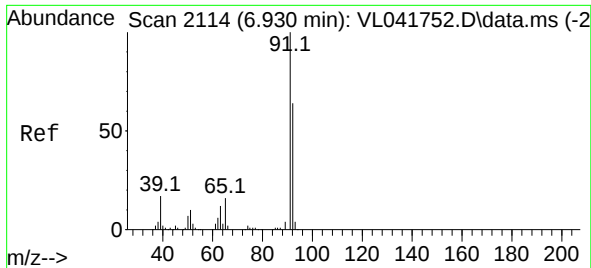
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#52
Tetrachloroethene
Concen: 0.391 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion:164 Resp: 2260
Ion Ratio Lower Upper
164 100
166 99.8 99.8 149.6
129 77.6 79.6 119.4#
131 83.5 78.6 117.8





#53

Toluene

Concen: 0.299 ppbv m

RT: 6.940 min Scan# 2114

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 526

Ion Ratio Lower Upper

91 100

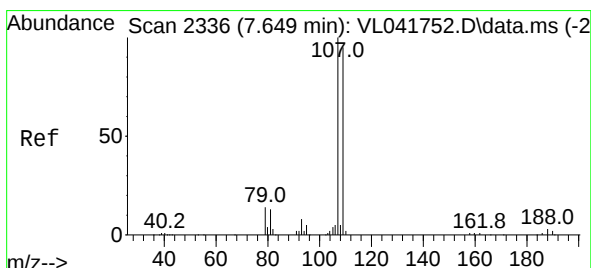
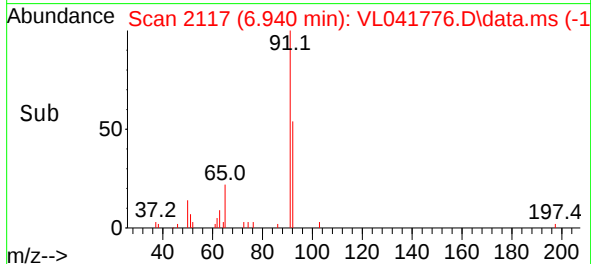
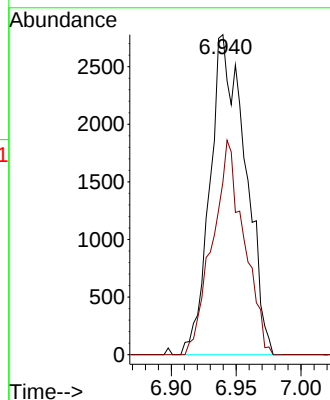
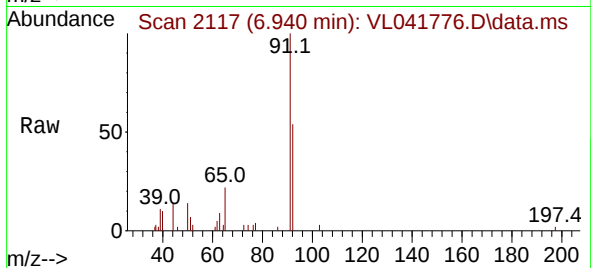
92 0.0 47.9 71.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#54

1,2-Dibromoethane

Concen: 0.393 ppbv m

RT: 7.668 min Scan# 2342

Delta R.T. 0.019 min

Lab File: VL041776.D

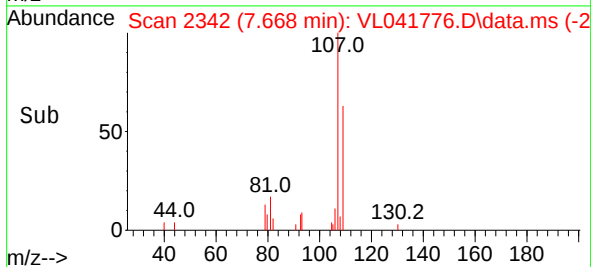
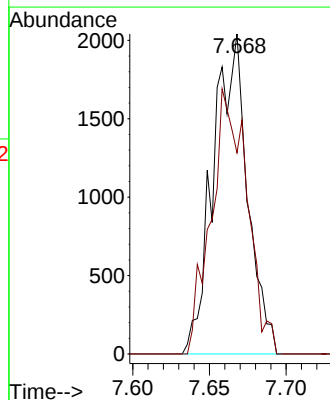
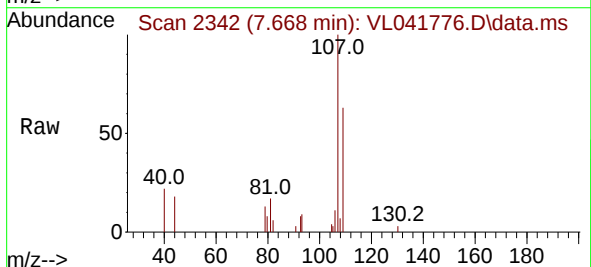
Acq: 17 Dec 2024 13:41

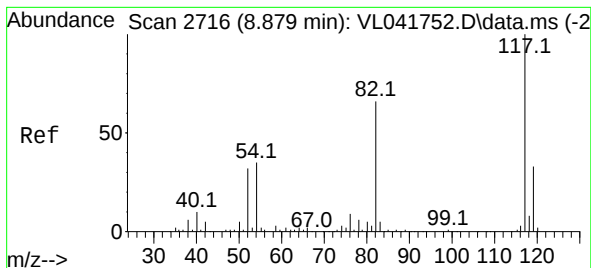
Tgt Ion:107 Resp: 3183

Ion Ratio Lower Upper

107 100

109 62.9 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: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

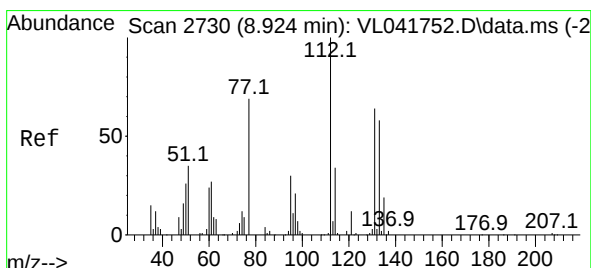
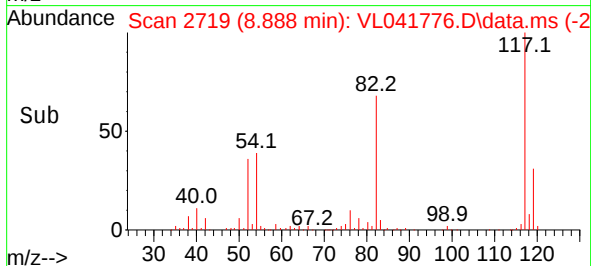
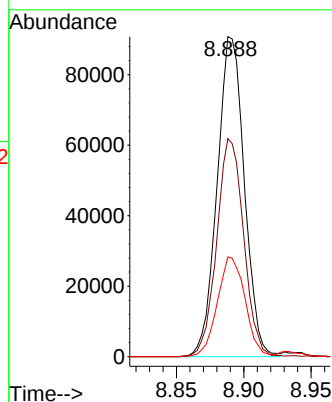
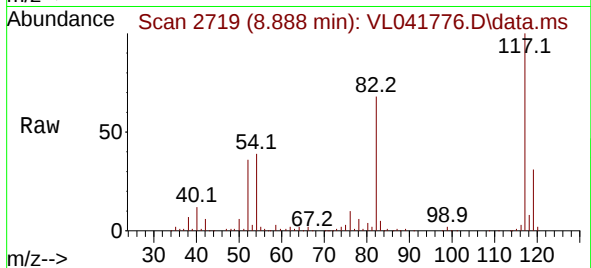
MDL 0.4

Tgt Ion:117 Resp: 127673
 Ion Ratio Lower Upper
 117 100
 82 67.5 53.8 80.8
 119 31.8 26.7 40.1

Manual Integrations

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



#56

1,1,1,2-Tetrachloroethane

Concen: 0.439 ppbv

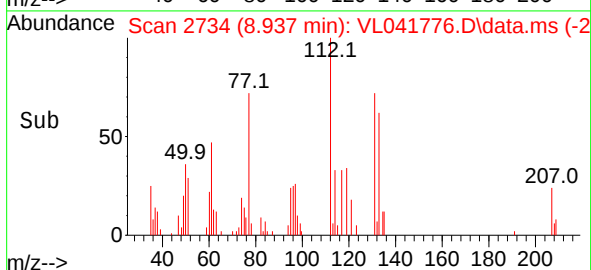
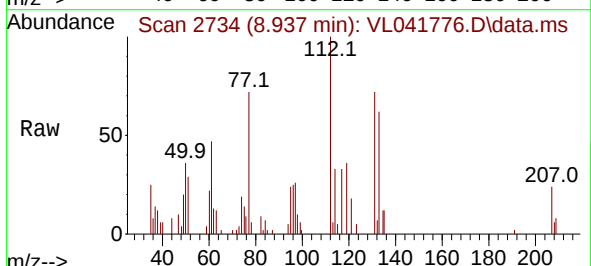
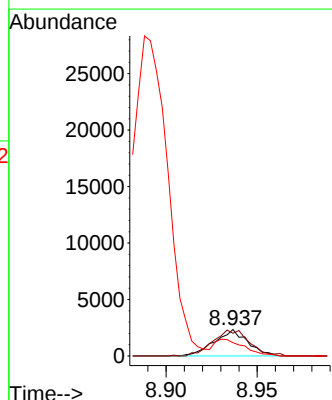
RT: 8.937 min Scan# 2734

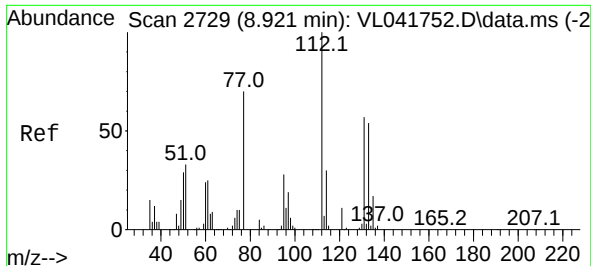
Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion:131 Resp: 2971
 Ion Ratio Lower Upper
 131 100
 133 108.0 76.8 115.2
 119 1420.2 49.0 73.6#





#57

Chlorobenzene

Concen: 0.469 ppbv

RT: 8.933 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

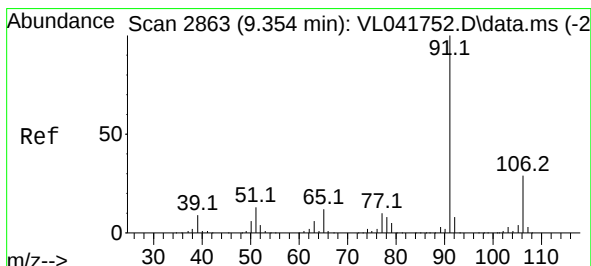
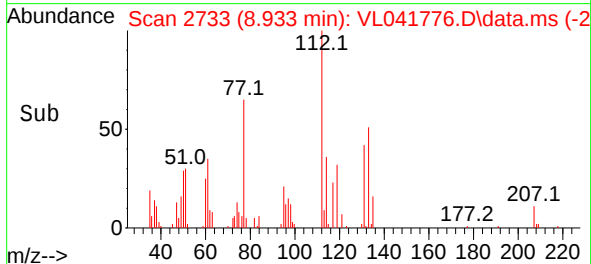
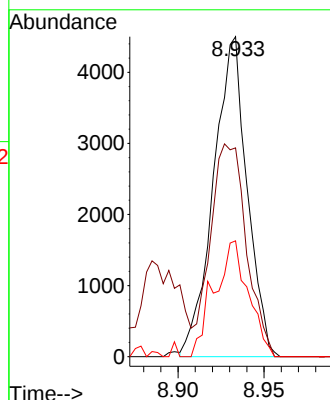
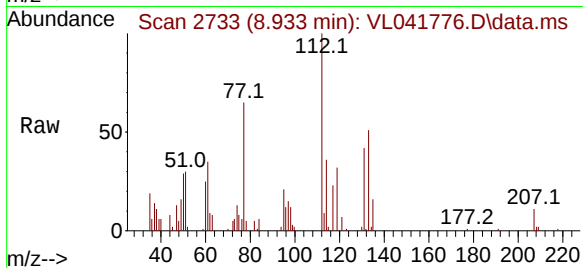
Tgt Ion: 112 Resp: 6120

Ion	Ratio	Lower	Upper
112	100		
77	65.2	57.4	86.0
114	36.2	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: 0.302 ppbv

RT: 9.367 min Scan# 2867

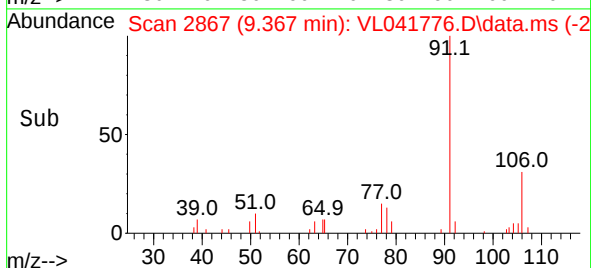
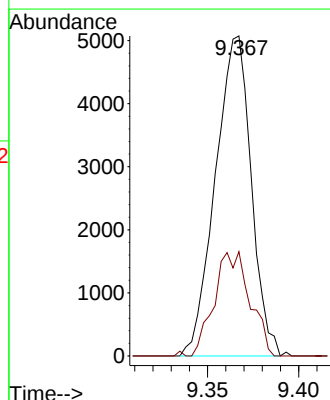
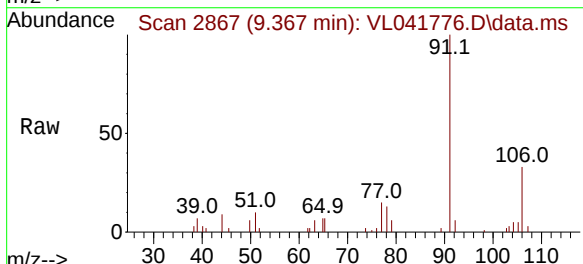
Delta R.T. 0.013 min

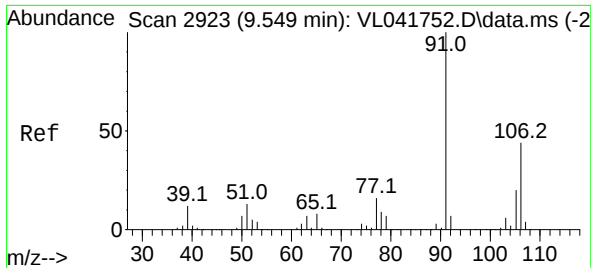
Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 91 Resp: 6938

Ion	Ratio	Lower	Upper
91	100		
106	32.6	23.5	35.3





#59

m/p-Xylene

Concen: 0.606 ppbv

RT: 9.558 min Scan# 2923

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 11209

Ion Ratio Lower Upper

91 100

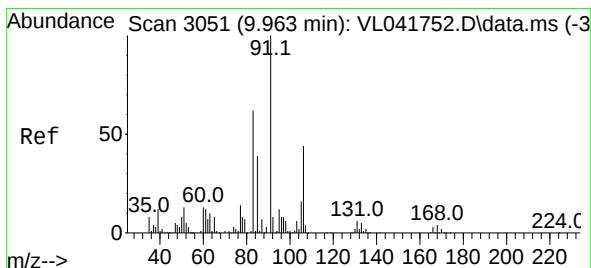
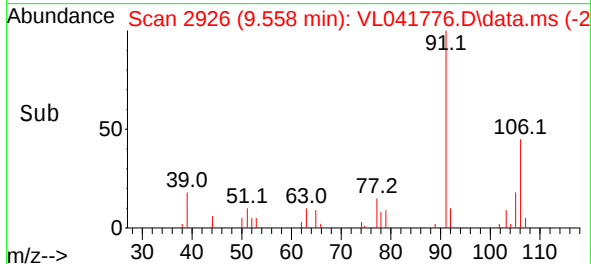
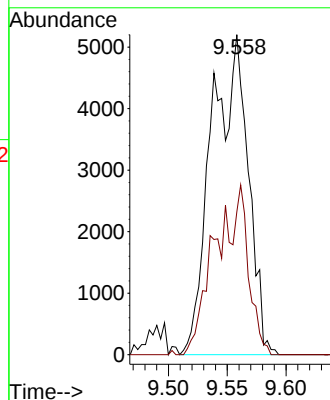
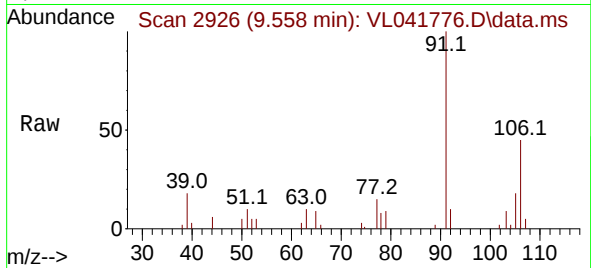
106 48.0 0.0 0.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#60

o-Xylene

Concen: 0.296 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.009 min

Lab File: VL041776.D

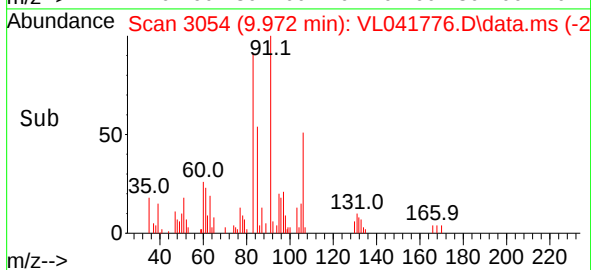
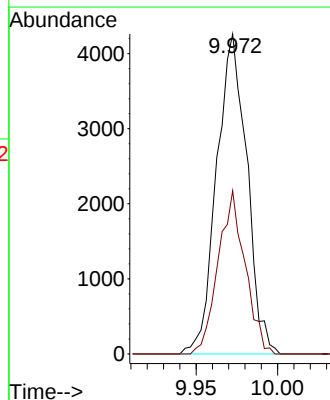
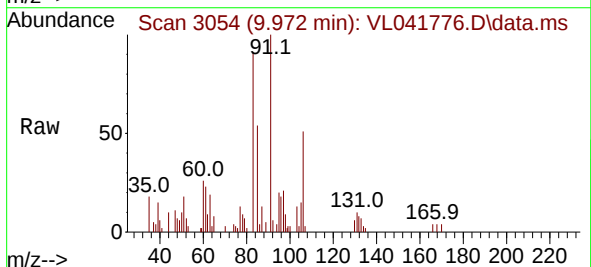
Acq: 17 Dec 2024 13:41

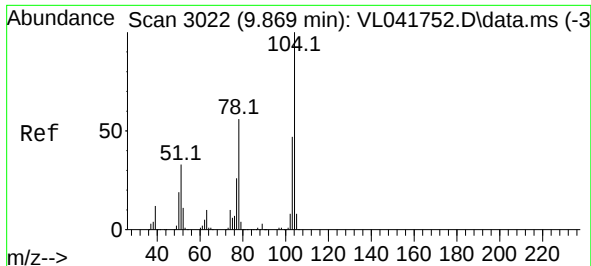
Tgt Ion: 91 Resp: 5490

Ion Ratio Lower Upper

91 100

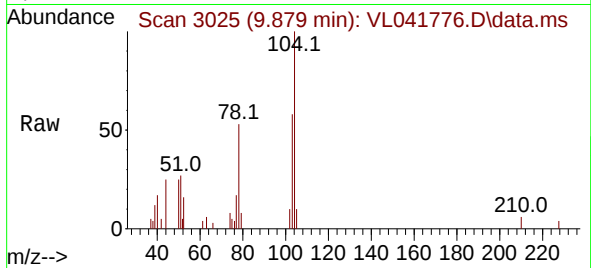
106 45.4 21.1 63.4





#61
Styrene
Concen: 0.271 ppbv
RT: 9.879 min Scan# 3022
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

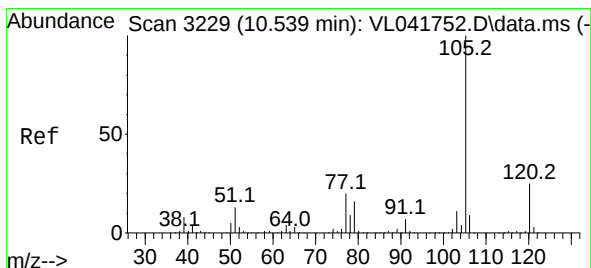
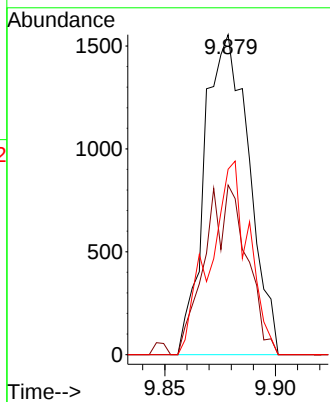
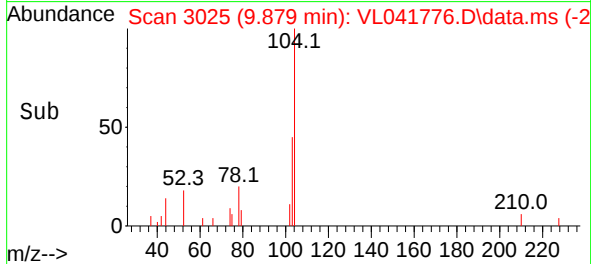
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:104 Resp: 2169
Ion Ratio Lower Upper
104 100
78 50.8 43.8 65.6
103 53.0 37.8 56.6

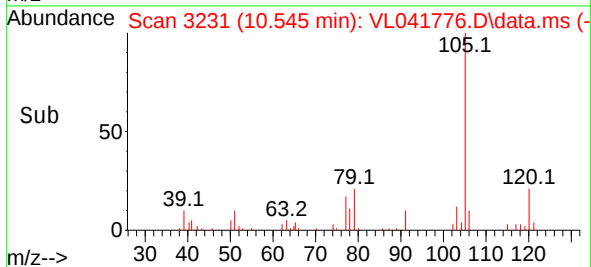
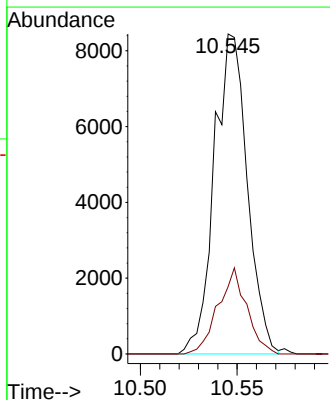
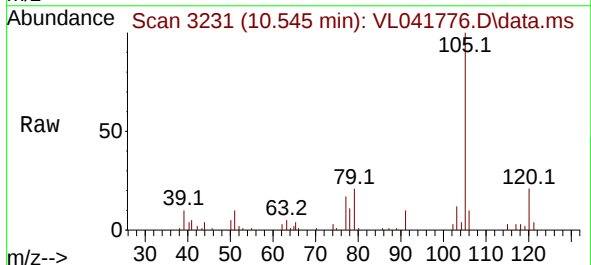
Manual Integrations
APPROVED

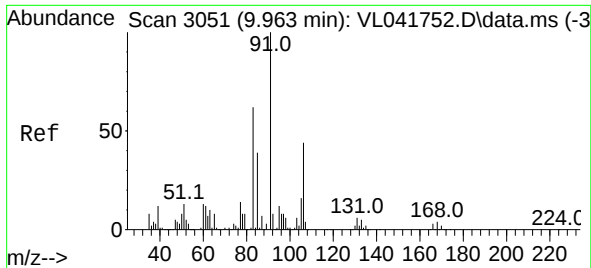
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#62
Isopropylbenzene
Concen: 0.359 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

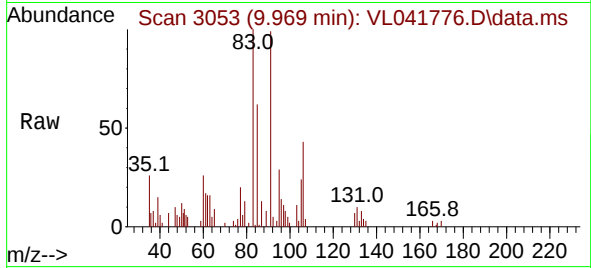
Tgt Ion:105 Resp: 10008
Ion Ratio Lower Upper
105 100
120 23.3 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.444 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

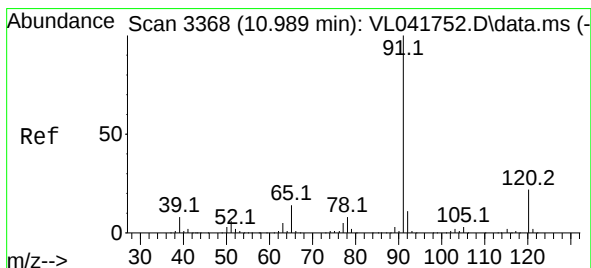
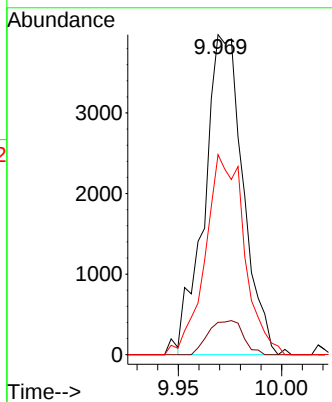
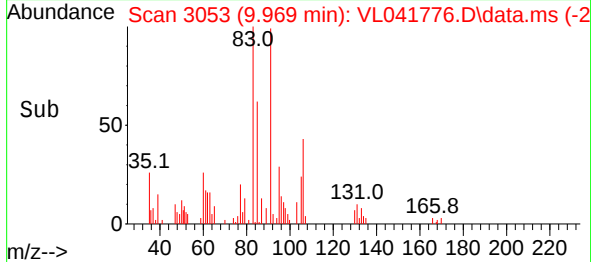
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 83 Resp: 5148
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 63.3 32.0 96.2

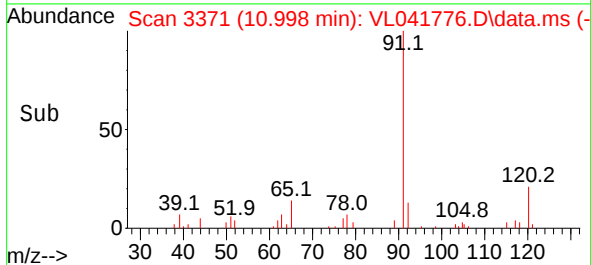
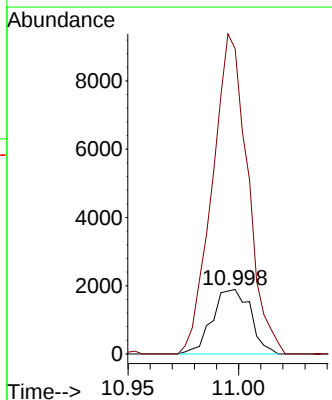
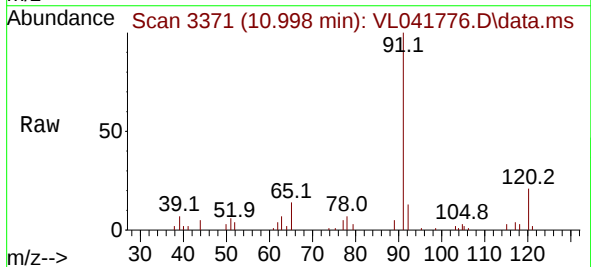
Manual Integrations
APPROVED

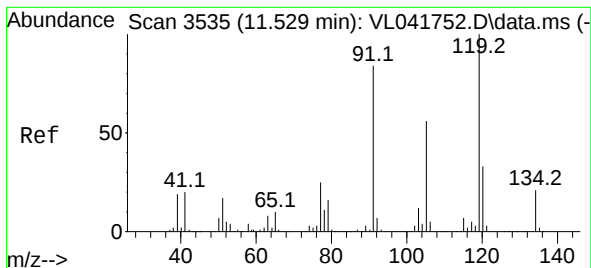
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#64
n-propylbenzene
Concen: 0.324 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.009 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

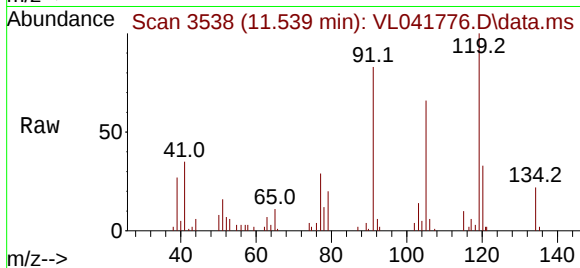
Tgt Ion:120 Resp: 2280
Ion Ratio Lower Upper
120 100
91 459.2 387.3 580.9





#65
tert-Butylbenzene
Concen: 0.304 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.009 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

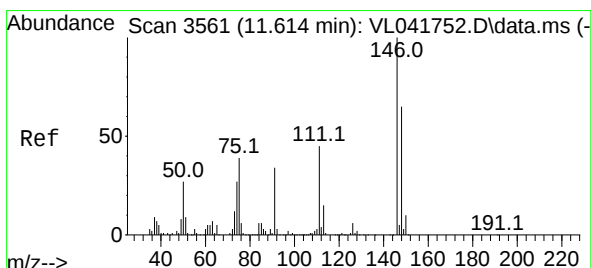
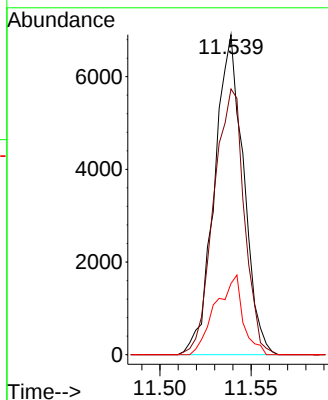
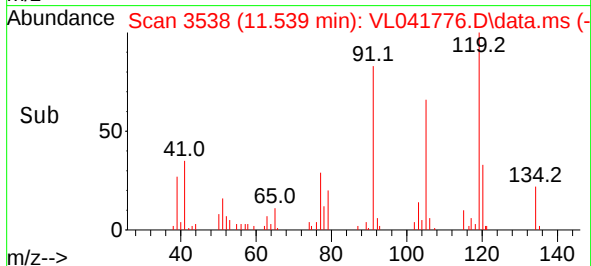
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 119 Resp: 7639
Ion Ratio Lower Upper
119 100
91 87.2 67.0 100.4
134 23.6 16.5 24.7

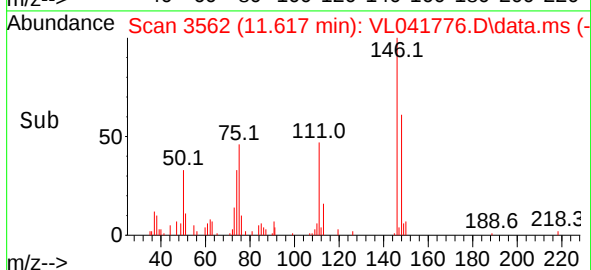
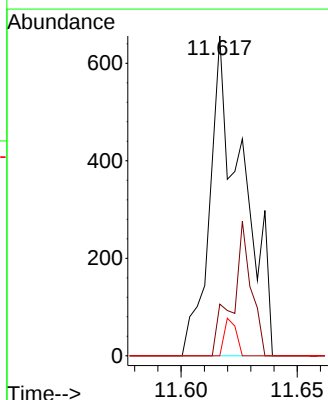
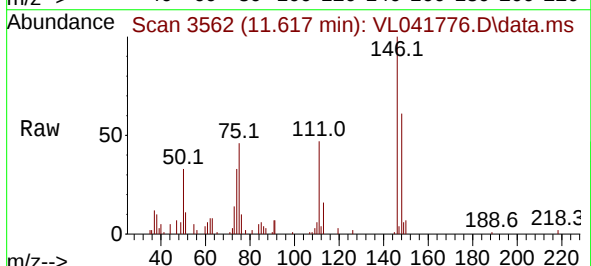
Manual Integrations
APPROVED

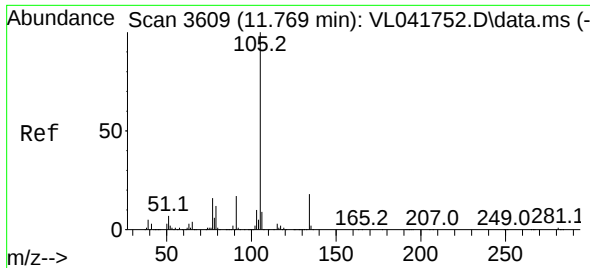
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#66
Benzyl Chloride
Concen: 0.291 ppbv m
RT: 11.617 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

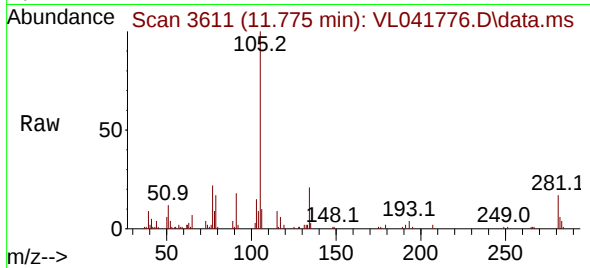
Tgt Ion: 91 Resp: 644
Ion Ratio Lower Upper
91 100
126 24.2 13.9 20.9#
128 0.0 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.321 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

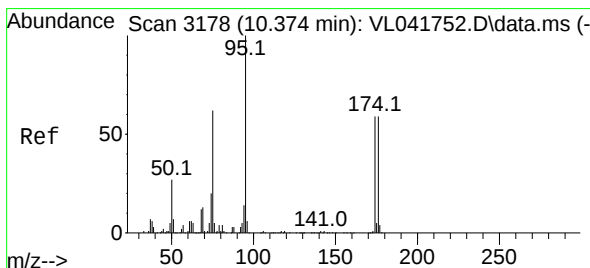
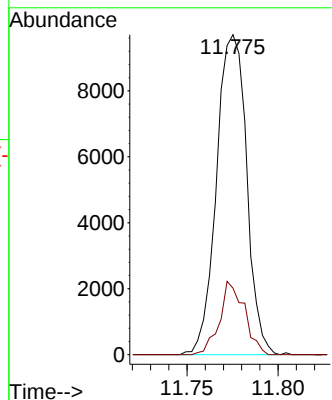
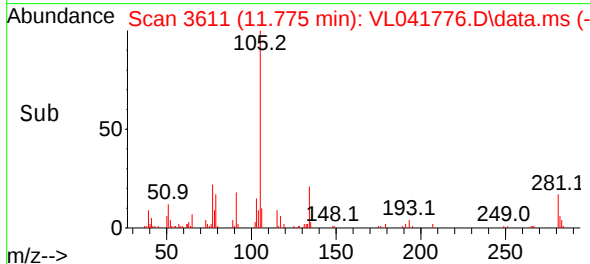
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



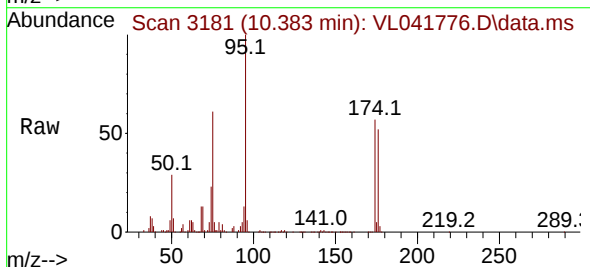
Tgt Ion: 105 Resp: 1116
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.5 21.7

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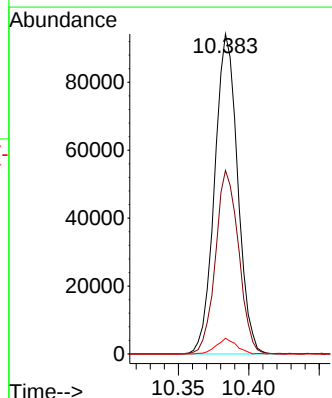
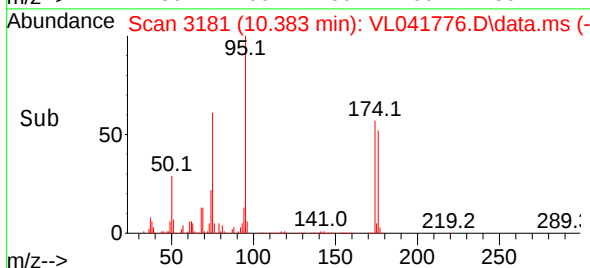
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

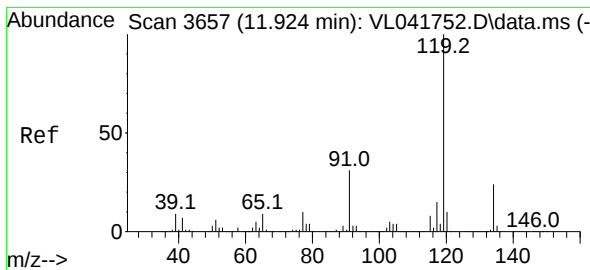


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.073 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.010 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41



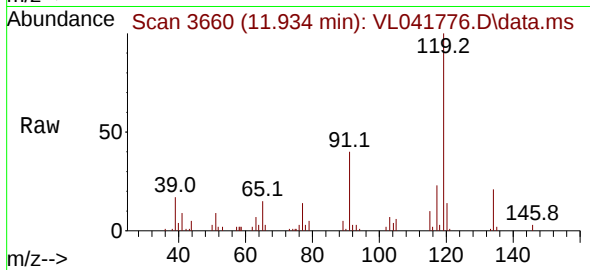
Tgt Ion: 95 Resp: 107174
 Ion Ratio Lower Upper
 95 100
 174 57.8 47.6 71.4
 175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.281 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

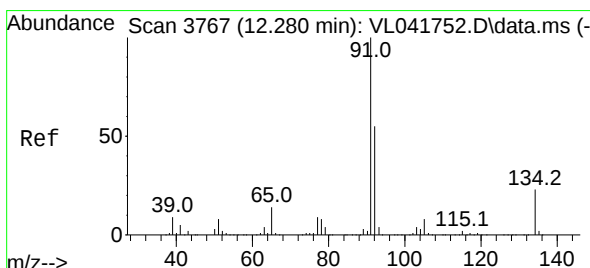
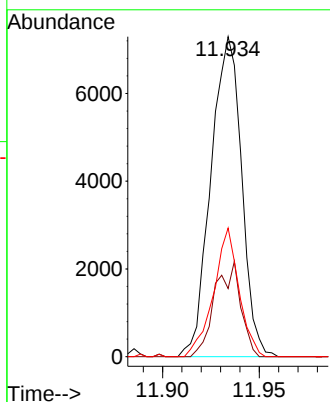
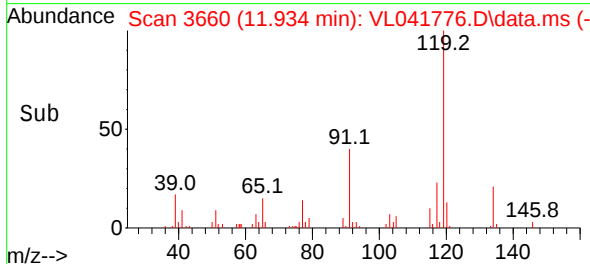
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



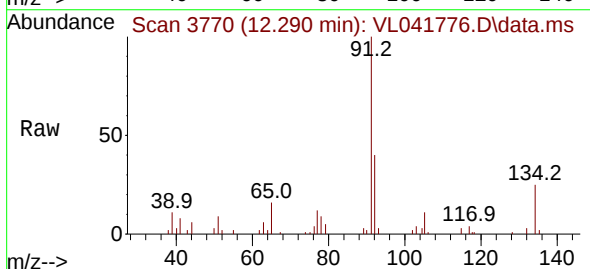
Tgt Ion: 119 Resp: 8062
Ion Ratio Lower Upper
119 100
134 24.9 19.6 29.4
91 33.2 24.4 36.6

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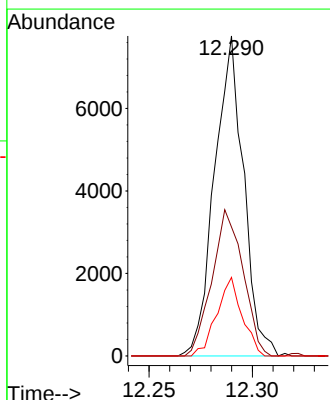
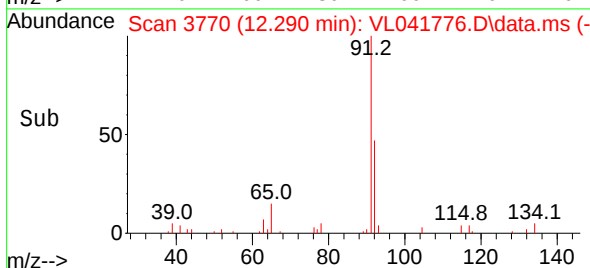
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

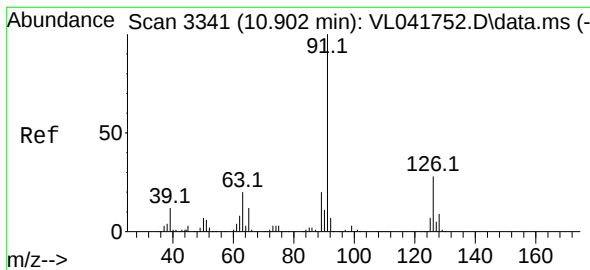


#70
n-Butylbenzene
Concen: 0.273 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.009 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41



Tgt Ion: 91 Resp: 7570
Ion Ratio Lower Upper
91 100
92 49.2 43.2 64.8
134 21.5 18.2 27.4





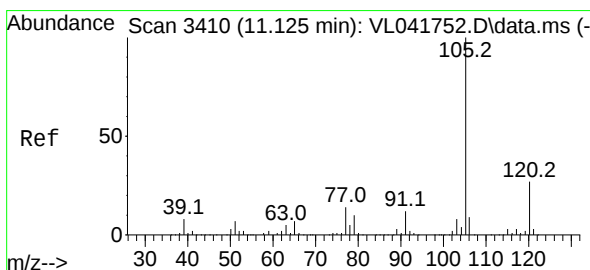
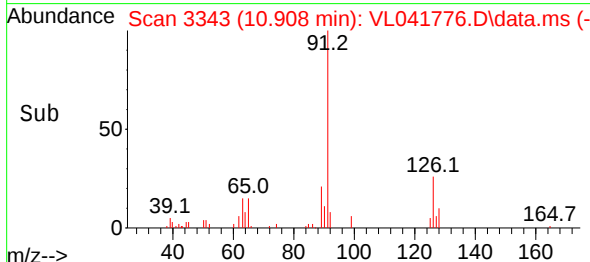
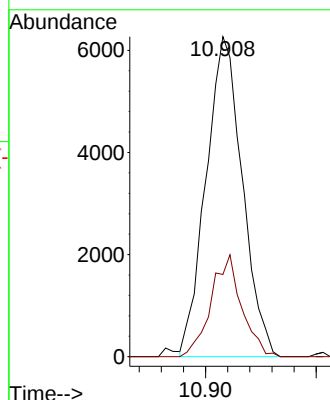
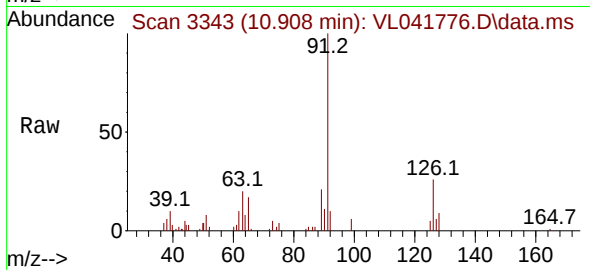
#71
2-Chlorotoluene
Concen: 0.337 ppbv
RT: 10.908 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 91 Resp: 7154
Ion Ratio Lower Upper
91 100
126 26.8 11.6 46.4

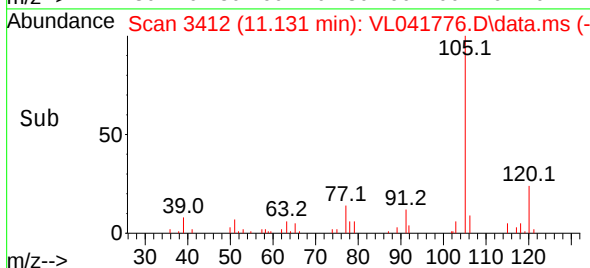
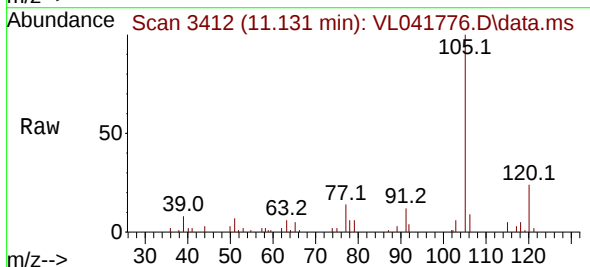
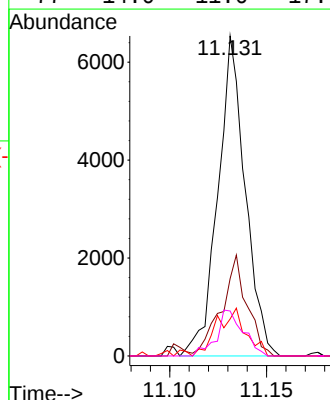
Manual Integrations
APPROVED

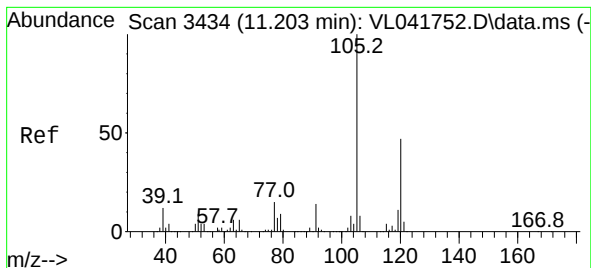
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#72
4-Ethyltoluene
Concen: 0.294 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion:105 Resp: 6424
Ion Ratio Lower Upper
105 100
120 31.2 23.3 34.9
91 16.4 10.9 16.3#
77 14.0 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.298 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:105 Resp: 5400

Ion Ratio Lower Upper

105 100

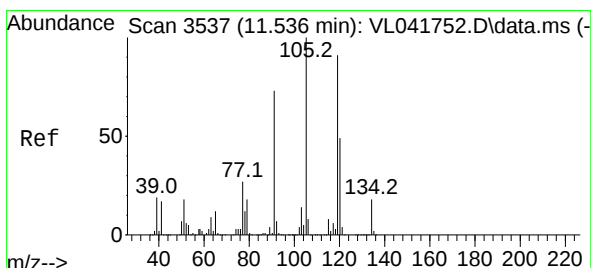
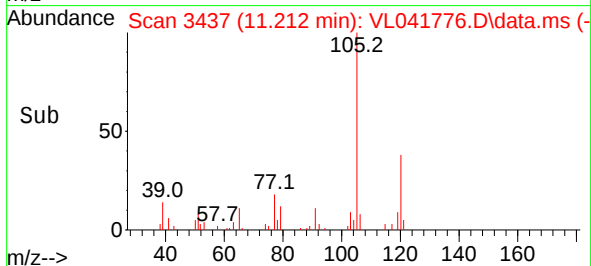
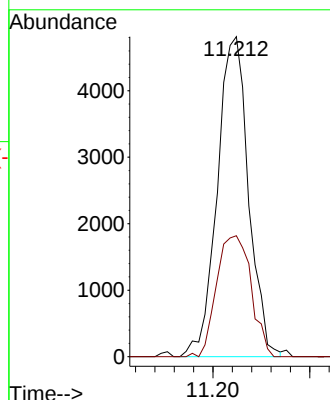
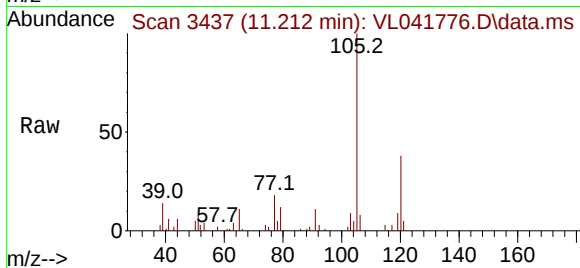
120 37.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.288 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion:105 Resp: 5628

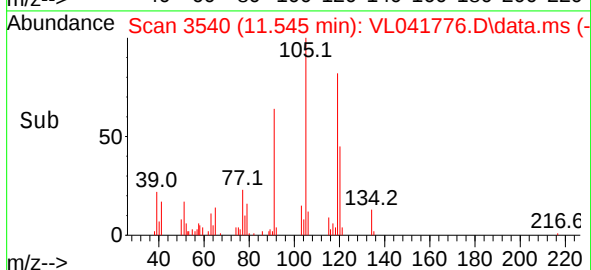
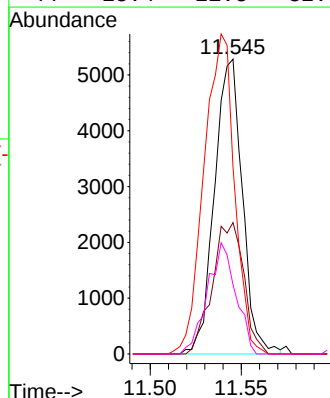
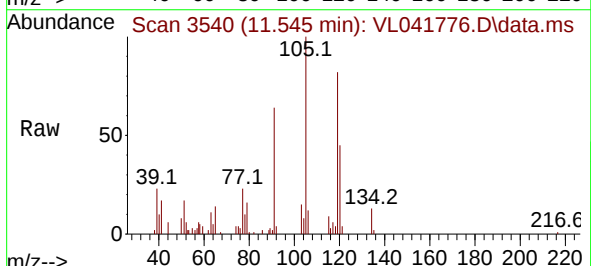
Ion Ratio Lower Upper

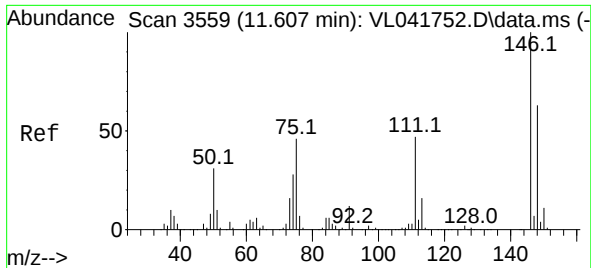
105 100

120 44.5 39.0 58.4

91 63.5 58.1 87.1

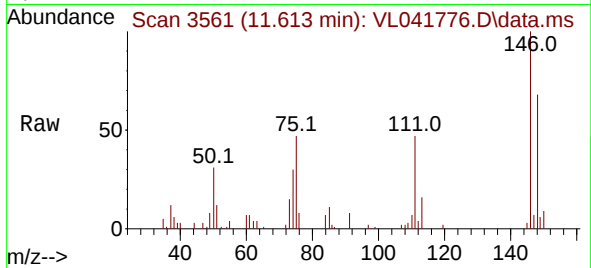
77 23.4 21.8 32.8





#75
1,3-Dichlorobenzene
Concen: 0.439 ppbv
RT: 11.613 min Scan# 3559
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

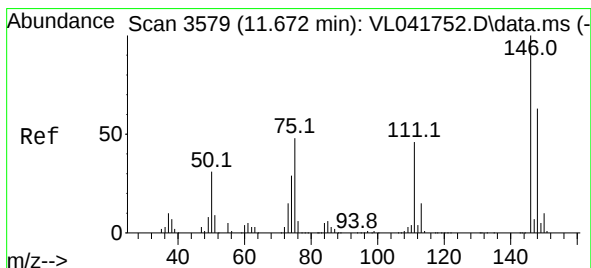
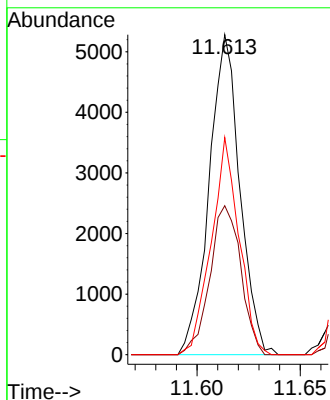
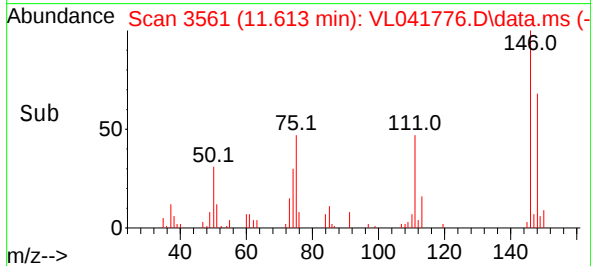
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



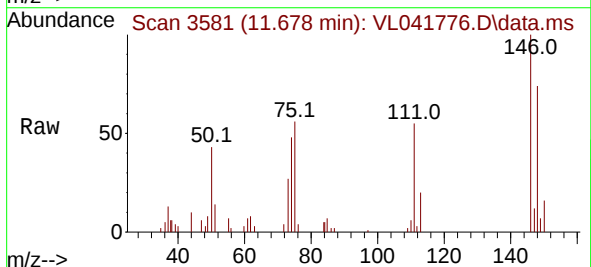
Tgt Ion:146 Resp: 545
Ion Ratio Lower Upper
146 100
111 47.0 23.4 70.3
148 61.5 31.6 95.0

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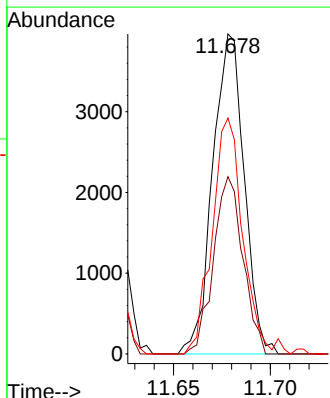
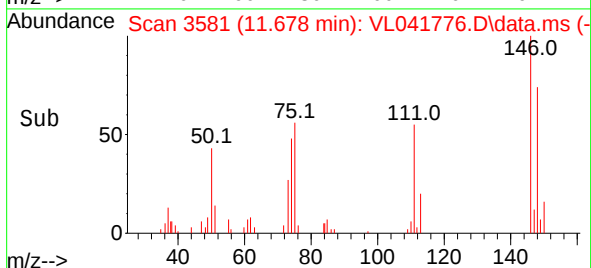
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

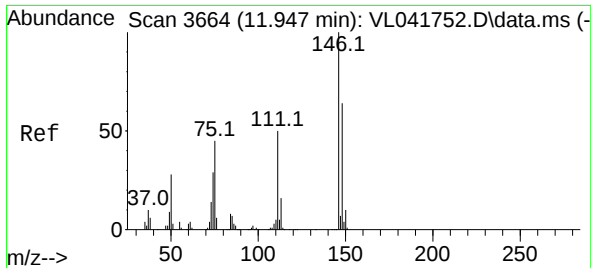


#76
1,4-Dichlorobenzene
Concen: 0.365 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41



Tgt Ion:146 Resp: 4483
Ion Ratio Lower Upper
146 100
111 51.8 22.7 68.1
148 72.5 31.4 94.0





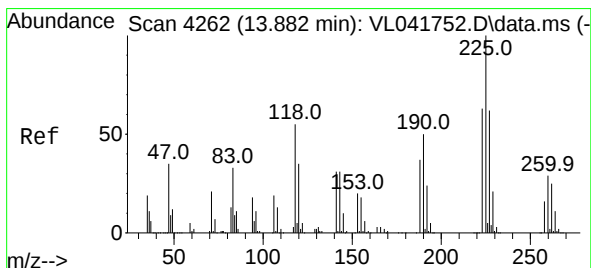
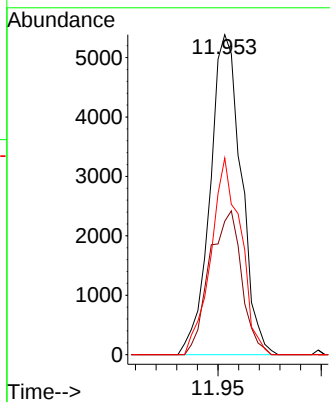
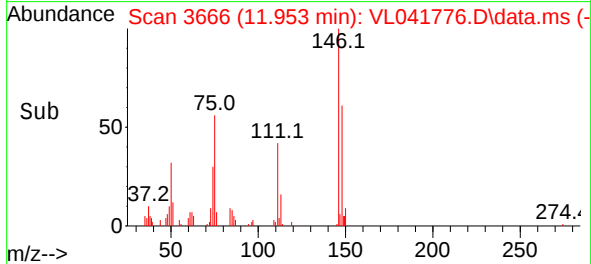
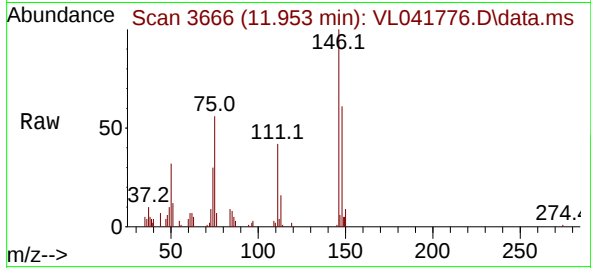
#77
1,2-Dichlorobenzene
Concen: 0.471 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:146 Resp: 5642
Ion Ratio Lower Upper
146 100
111 46.6 24.8 74.3
148 58.8 31.8 95.4

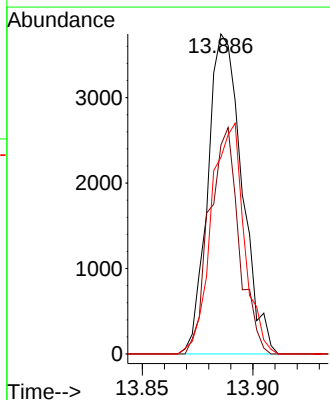
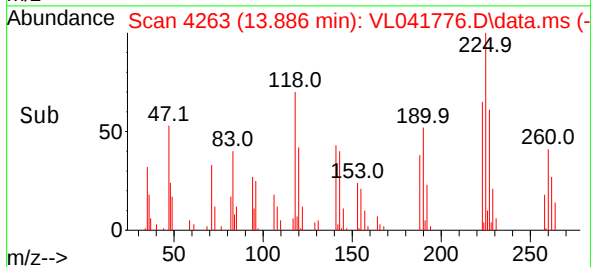
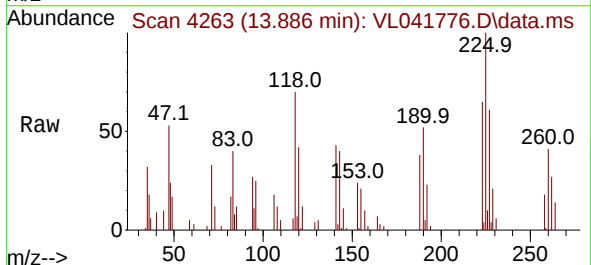
Manual Integrations
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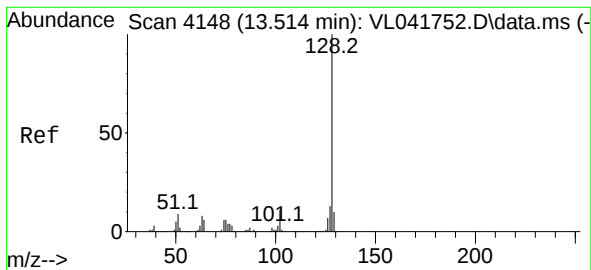
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.453 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

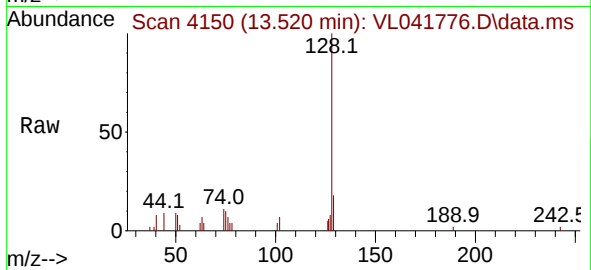
Tgt Ion:225 Resp: 4021
Ion Ratio Lower Upper
225 100
223 61.9 50.5 75.7
227 69.0 50.3 75.5





#79
Naphthalene
Concen: 0.199 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

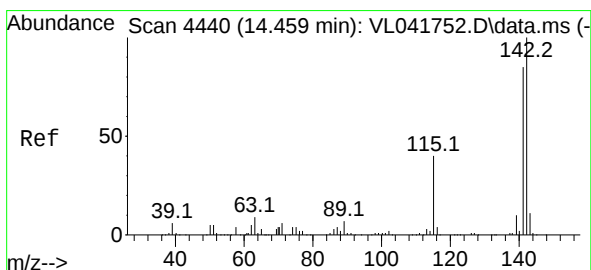
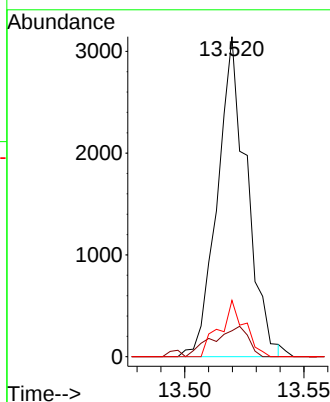
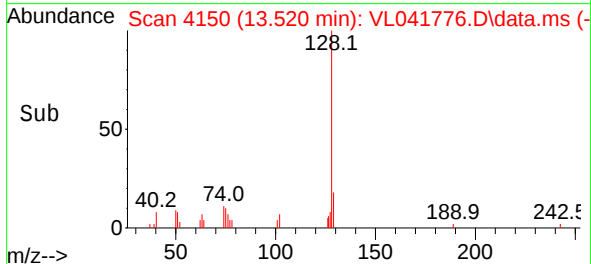
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



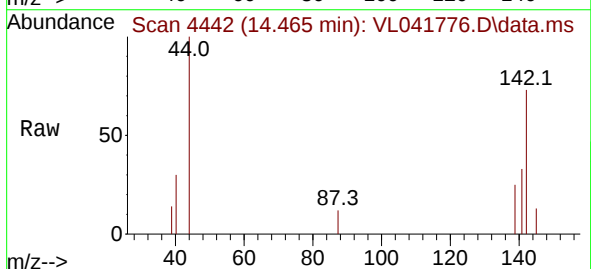
Tgt Ion:128 Resp: 270
Ion Ratio Lower Upper
128 100
127 8.1 10.7 16.1#
129 17.6 8.2 12.4#

Manual Integrations
APPROVED

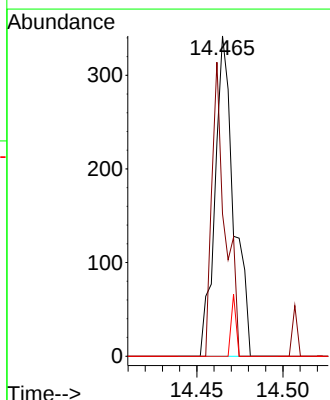
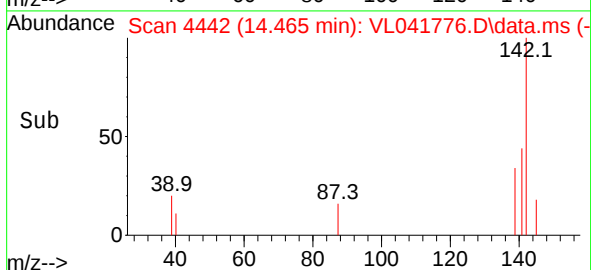
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

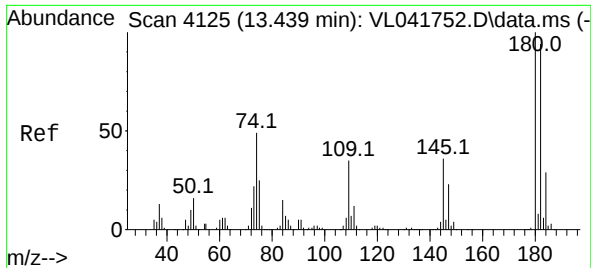


#80
Naphthalene,2-methyl-
Concen: 0.062 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41



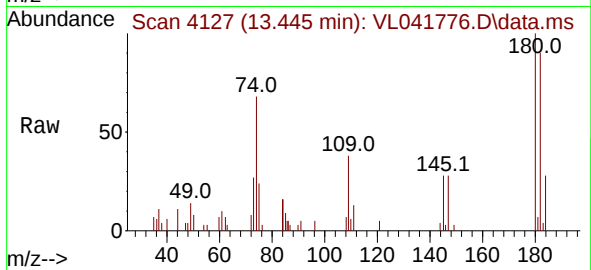
Tgt Ion:142 Resp: 261
Ion Ratio Lower Upper
142 100
141 64.4 68.4 102.6#
115 0.0 32.5 48.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.298 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion:180 Resp: 221
 Ion Ratio Lower Upper
 180 100
 182 80.8 77.0 115.6
 184 25.9 23.8 35.8

Manual Integrations
 APPROVED

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

