

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041764.D
 Acq On : 16 Dec 2024 22:23
 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 :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 03:32:15 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	59566	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	158238	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	139548	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 116542 10.022 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	5185	0.489	ppbv	94
3) Chlorodifluoromethane	1.476	51	4464	0.460	ppbv	99
4) Chloromethane	1.534	50	2077	0.501	ppbv	90
5) Vinyl Chloride	1.580	62	1877	0.449	ppbv	90
6) Bromomethane	1.667	94	1036	0.525	ppbv	81
7) Chloroethane	1.706	64	777	0.479	ppbv #	79
8) Dichlorotetrafluoroethane	1.554	85	4435	0.468	ppbv	97
9) Propene	1.483	41	1719	0.408	ppbv #	75
10) Heptane	4.985	43	3830m	0.354	ppbv	
11) Trichlorofluoromethane	1.881	101	5226	0.464	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	3749	0.438	ppbv	99
13) Ethanol	1.722	45	281	0.806	ppbv	80
14) Bromoethene	1.780	108	1223	0.423	ppbv #	94
15) Acetone	1.839	43	6343	0.547	ppbv	97
16) 1,3-Butadiene	1.609	39	2223	0.487	ppbv	93
17) tert-Butyl alcohol	2.046	59	5035	0.438	ppbv	96
18) 1,1-Dichloroethene	2.033	96	1640m	0.457	ppbv	
19) Isopropyl Alcohol	1.887	45	4437	0.638	ppbv #	39
20) Methylene Chloride	2.062	84	1708	0.517	ppbv	87
21) Allyl Chloride	2.098	41	2514	0.400	ppbv	87
22) trans-1,2-Dichloroethene	2.343	96	1756	0.427	ppbv	95
23) Vinyl Acetate	2.463	43	1708	0.317	ppbv #	77
24) 1,1-Dichloroethane	2.408	63	3973	0.478	ppbv	97
25) Ethyl Acetate	2.842	43	8884	0.412	ppbv #	97
26) Hexane	2.829	57	3316	0.405	ppbv	96
27) Carbon Disulfide	2.153	76	2101	0.285	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	2568	0.387	ppbv #	85
29) Chloroform	2.852	83	5468	0.439	ppbv	89
30) Cyclohexane	3.861	84	2697m	0.387	ppbv	
31) cis-1,2-Dichloroethene	2.725	61	3750m	0.444	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	5251	0.414	ppbv	97
34) 2-Butanone	2.564	43	5547	0.436	ppbv	98
35) Carbon Tetrachloride	3.771	117	4190m	0.373	ppbv	
36) Benzene	3.664	78	6743	0.412	ppbv	99
37) 1,2-Dichloroethane	3.221	62	4949	0.486	ppbv	100
38) Trichloroethene	4.551	130	2671m	0.384	ppbv	
39) 1,2-Dichloropropane	4.321	63	2703m	0.457	ppbv	
40) 1,4-Dioxane	4.612	88	1200m	0.415	ppbv	
41) Tetrahydrofuran	3.072	42	2817	0.395	ppbv	97
42) Bromodichloromethane	4.493	83	4041	0.345	ppbv #	94
43) Methyl Methacrylate	4.881	69	2072m	0.332	ppbv	
44) 2,2,4-Trimethylpentane	4.641	57	11058	0.396	ppbv	95
45) t-1,3-Dichloropropene	6.415	75	2064m	0.320	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 03:32:15 2024

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

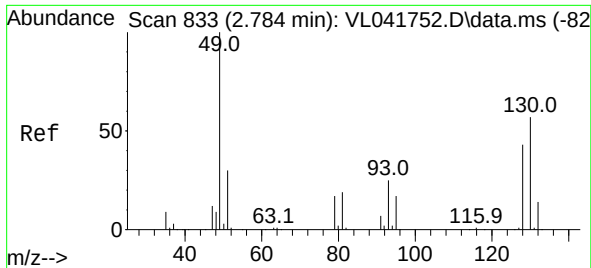
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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	5.600	75	2474m	0.302	ppbv	
47) 1,1,2-Trichloroethane	6.590	97	2500m	0.404	ppbv	
48) Dibromochloromethane	7.396	129	2645m	0.313	ppbv	
49) Bromoform	9.490	173	1854m	0.268	ppbv	
50) 4-Methyl-2-Pentanone	5.774	43	6550m	0.378	ppbv	
51) 2-Hexanone	7.451	43	4659m	0.332	ppbv	
52) Tetrachloroethene	8.231	164	2657m	0.436	ppbv	
53) Toluene	6.946	91	6891m	0.371	ppbv	
54) 1,2-Dibromoethane	7.661	107	3278m	0.385	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.930	131	2906	0.393	ppbv #	1
57) Chlorobenzene	8.924	112	6373	0.446	ppbv #	92
58) Ethyl Benzene	9.364	91	8868	0.353	ppbv	100
59) m/p-Xylene	9.539	91	14315m	0.709	ppbv	
60) o-Xylene	9.972	91	7499	0.370	ppbv	97
61) Styrene	9.875	104	2508	0.286	ppbv	90
62) Isopropylbenzene	10.545	105	11386	0.374	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.972	83	5129	0.404	ppbv	99
64) n-propylbenzene	10.992	120	2900	0.377	ppbv	89
65) tert-Butylbenzene	11.536	119	9394	0.342	ppbv	95
66) Benzyl Chloride	11.620	91	878m	0.363	ppbv	
67) sec-Butylbenzene	11.772	105	13746	0.362	ppbv	94
69) p-Isopropyltoluene	11.934	119	10417	0.333	ppbv	98
70) n-Butylbenzene	12.286	91	9906	0.327	ppbv	94
71) 2-Chlorotoluene	10.908	91	8338	0.359	ppbv	99
72) 4-Ethyltoluene	11.131	105	7801	0.326	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	6852	0.345	ppbv	87
74) 1,2,4-Trimethylbenzene	11.542	105	7340	0.344	ppbv	90
75) 1,3-Dichlorobenzene	11.613	146	5568	0.409	ppbv	97
76) 1,4-Dichlorobenzene	11.675	146	5142	0.383	ppbv	95
77) 1,2-Dichlorobenzene	11.953	146	5570	0.426	ppbv	94
78) Hexachloro-1,3-Butadiene	13.885	225	4377	0.451	ppbv	97
79) Naphthalene	13.520	128	3736	0.251	ppbv #	86
80) Naphthalene,2-methyl-	14.465	142	414	0.090	ppbv #	84
81) 1,2,4-Trichlorobenzene	13.445	180	2719	0.335	ppbv	98

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



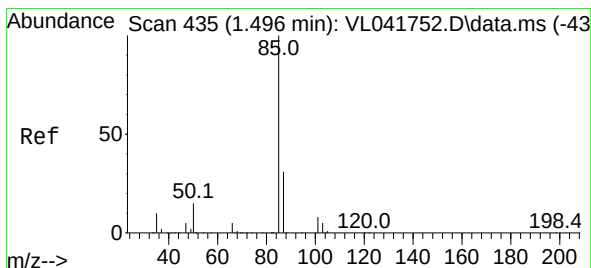
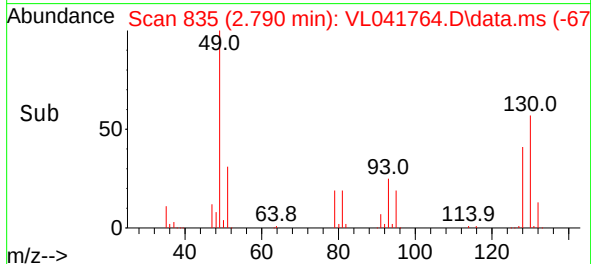
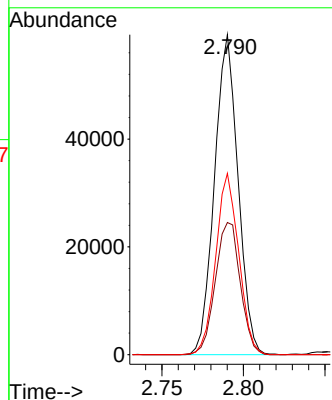
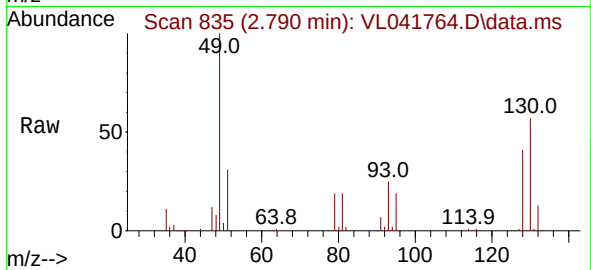
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 49 Resp: 5956
Ion Ratio Lower Upper
49 100
128 43.9 21.6 64.6
130 55.3 28.3 85.0

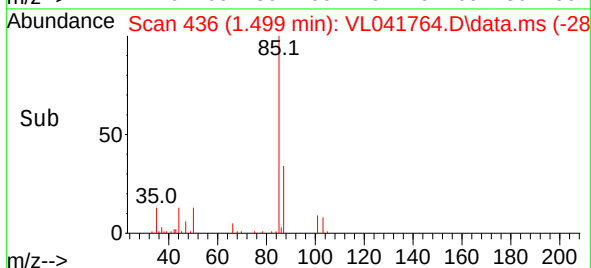
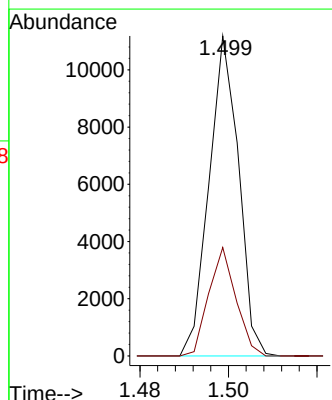
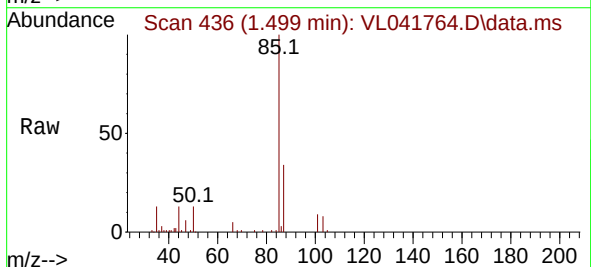
Manual Integrations
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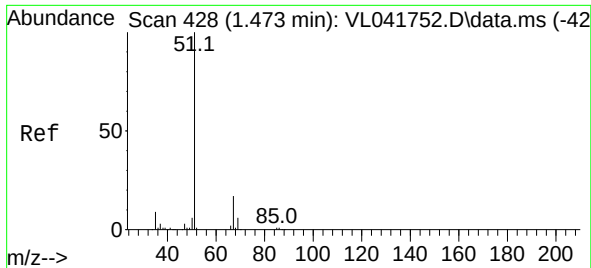
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 0.489 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

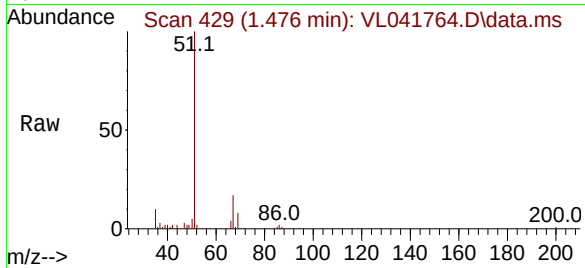
Tgt Ion: 85 Resp: 5185
Ion Ratio Lower Upper
85 100
87 33.9 24.5 36.7





#3
Chlorodifluoromethane
Concen: 0.460 ppbv
RT: 1.476 min Scan# 441
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

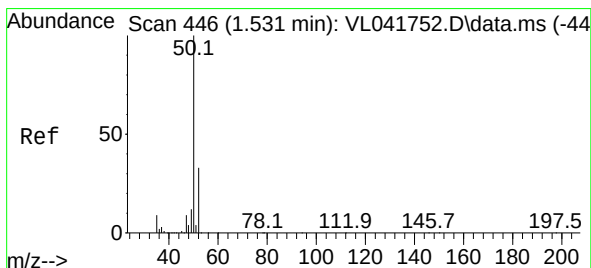
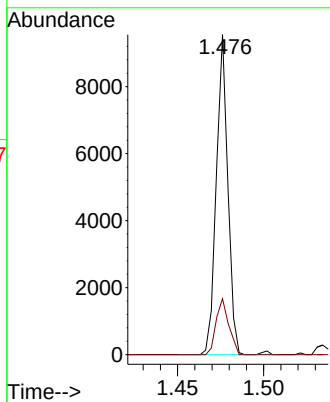
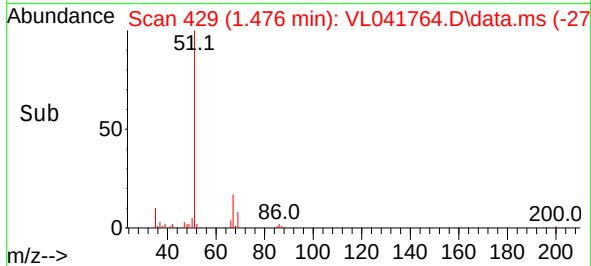
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



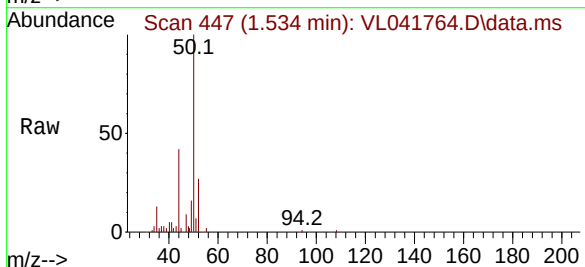
Tgt Ion: 51 Resp: 446
Ion Ratio Lower Upper
51 100
67 19.1 15.0 22.4

Manual Integrations
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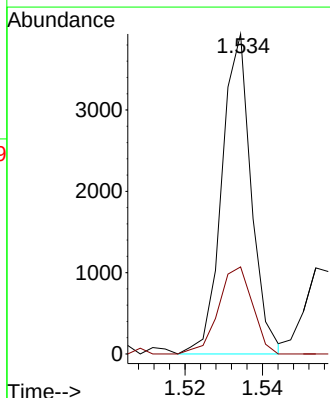
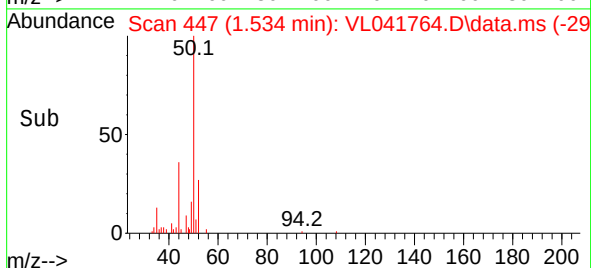
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

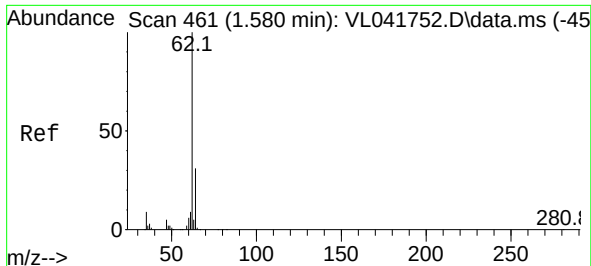


#4
Chloromethane
Concen: 0.501 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23



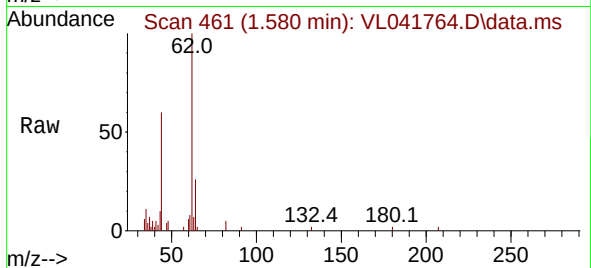
Tgt Ion: 50 Resp: 2077
Ion Ratio Lower Upper
50 100
52 27.2 26.2 39.2





#5
Vinyl Chloride
Concen: 0.449 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

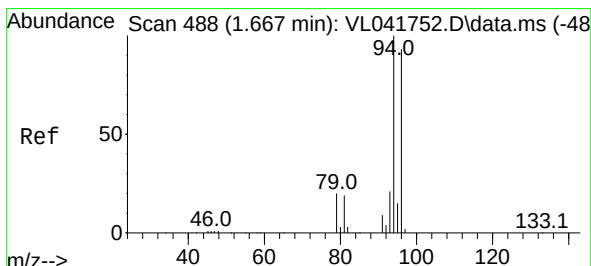
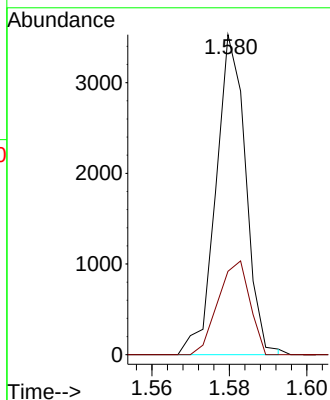
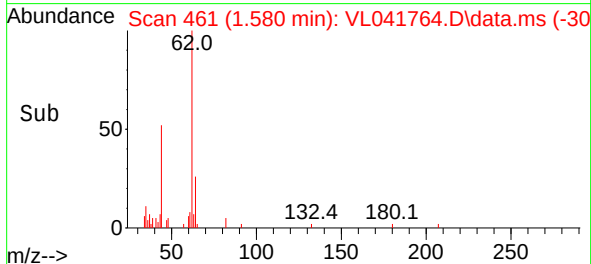
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 62 Resp: 187
Ion Ratio Lower Upper
62 100
64 26.1 25.1 37.7

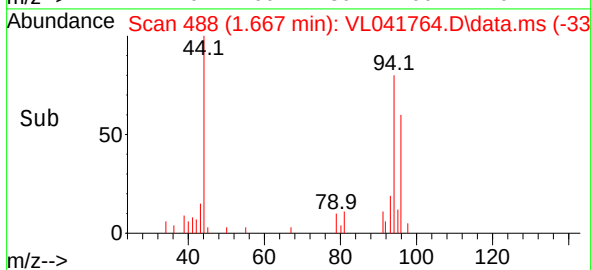
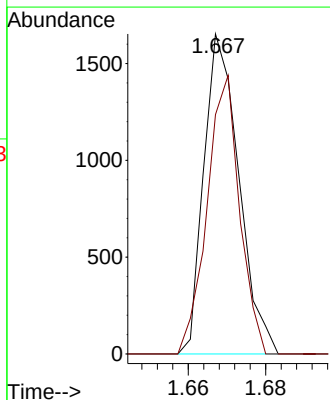
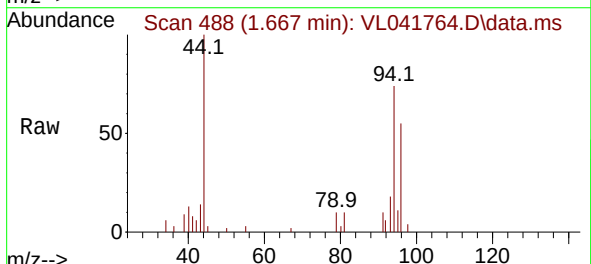
Manual Integrations
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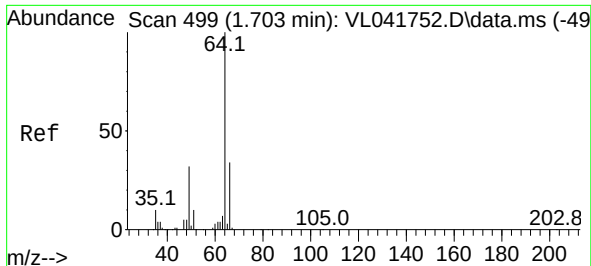
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#6
Bromomethane
Concen: 0.525 ppbv
RT: 1.667 min Scan# 488
Delta R.T. -0.000 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

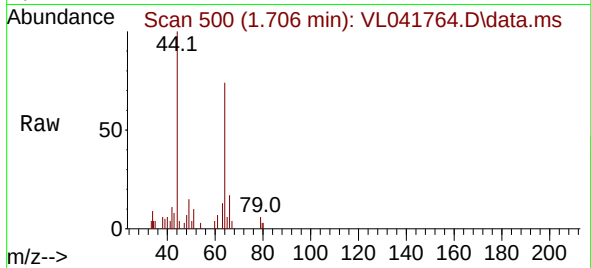
Tgt Ion: 94 Resp: 1036
Ion Ratio Lower Upper
94 100
96 74.8 74.7 112.1





#7
Chloroethane
Concen: 0.479 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

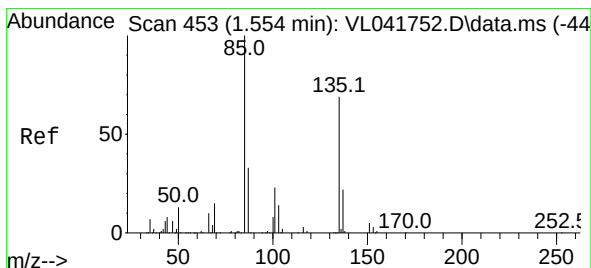
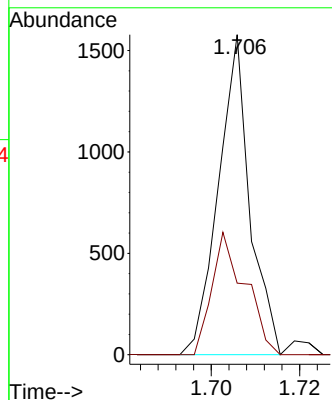
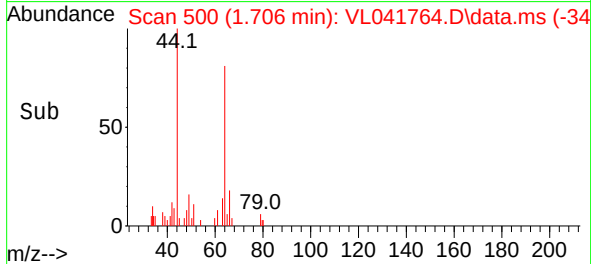
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 64 Resp: 77
Ion Ratio Lower Upper
64 100
66 22.4 27.5 41.3

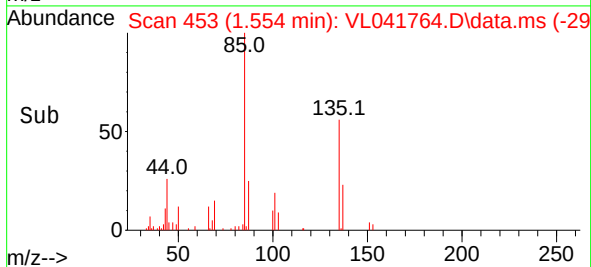
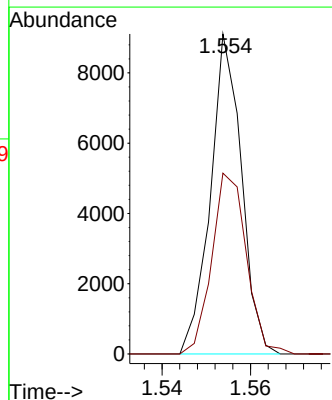
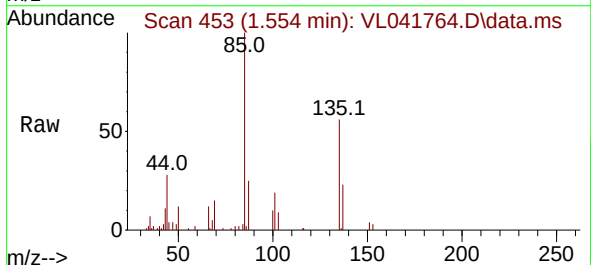
Manual Integrations
APPROVED

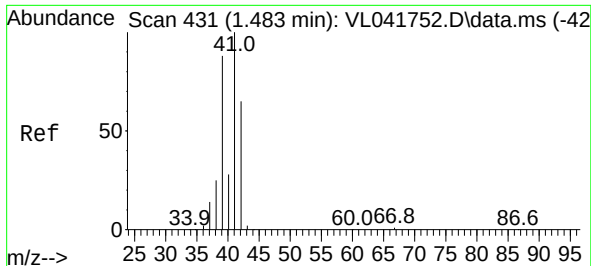
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 0.468 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion: 85 Resp: 4435
Ion Ratio Lower Upper
85 100
135 62.9 51.9 77.9





#9

Propene

Concen: 0.408 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 41 Resp: 1719

Ion Ratio Lower Upper

41 100

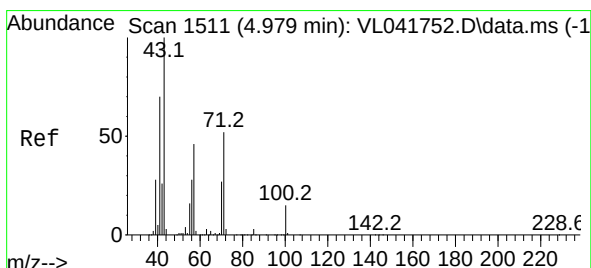
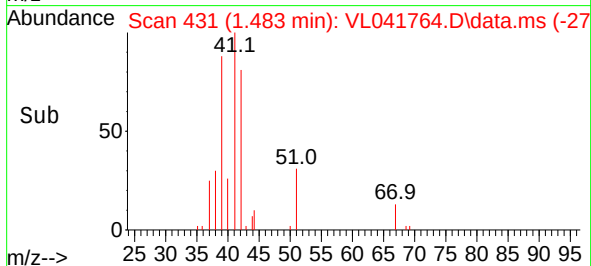
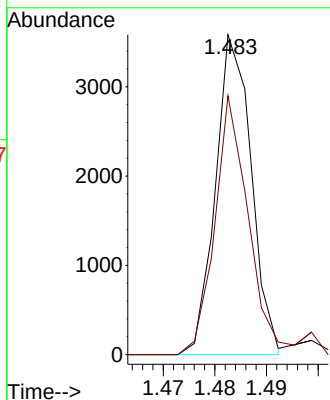
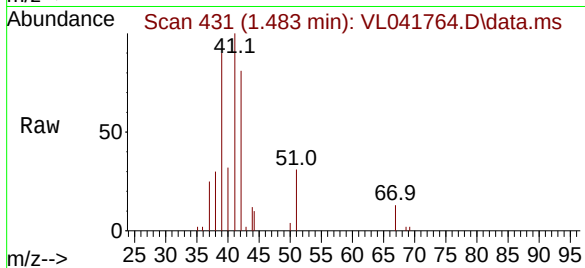
42 84.9 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#10

Heptane

Concen: 0.354 ppbv m

RT: 4.985 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VL041764.D

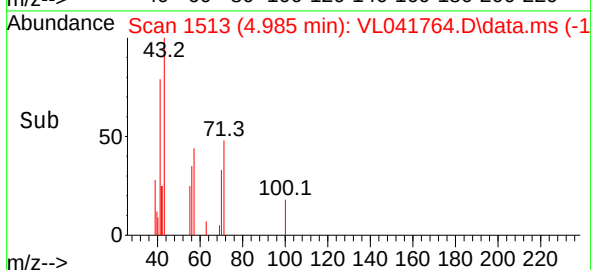
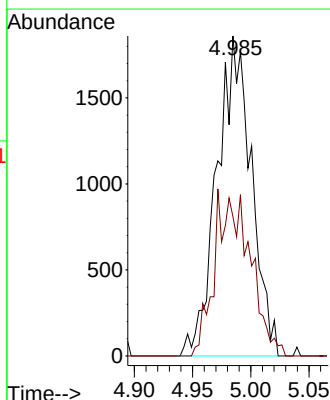
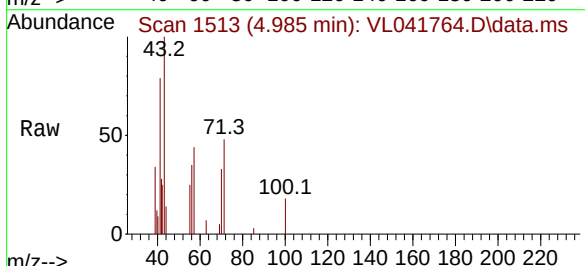
Acq: 16 Dec 2024 22:23

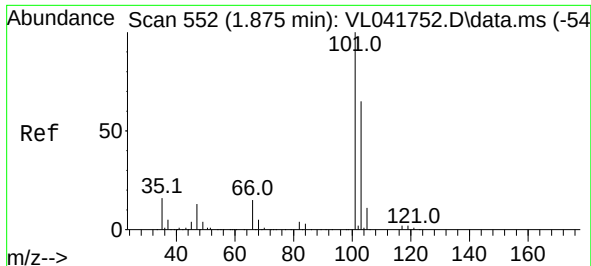
Tgt Ion: 43 Resp: 3830

Ion Ratio Lower Upper

43 100

57 0.0 38.5 57.7





#11

Trichlorofluoromethane

Concen: 0.464 ppbv

RT: 1.881 min Scan# 522

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

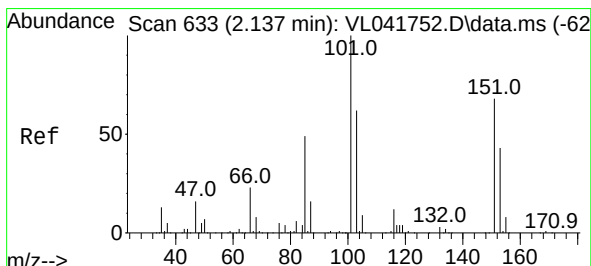
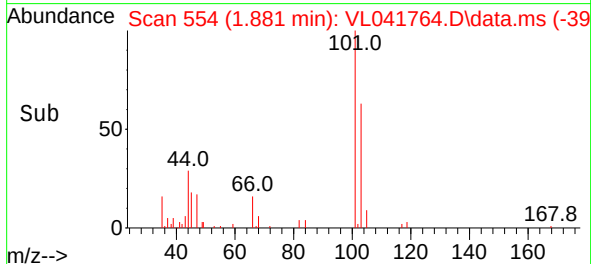
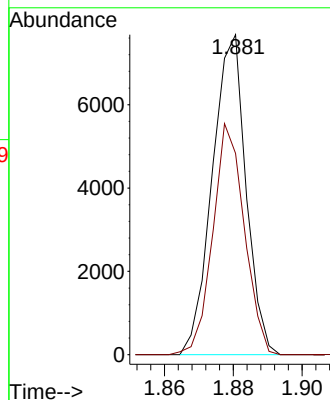
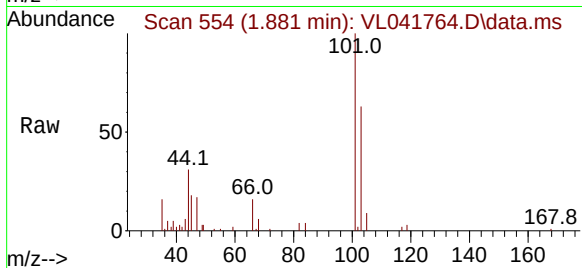
MDL 0.4

Tgt Ion:101 Resp: 5220
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.438 ppbv

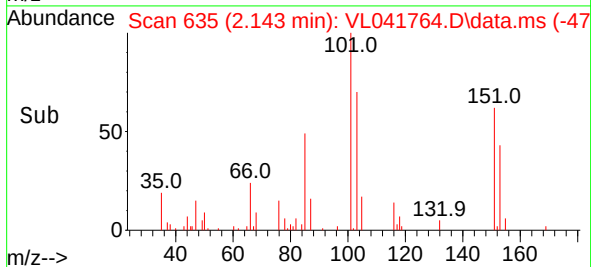
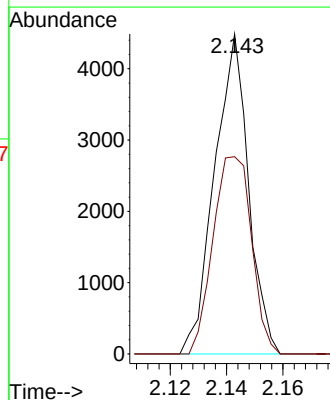
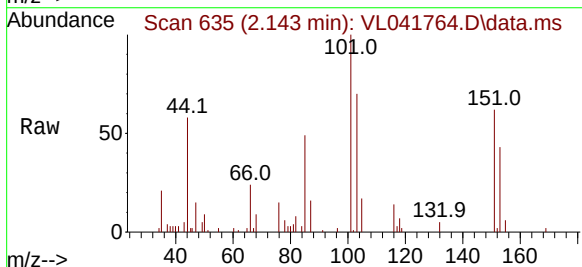
RT: 2.143 min Scan# 635

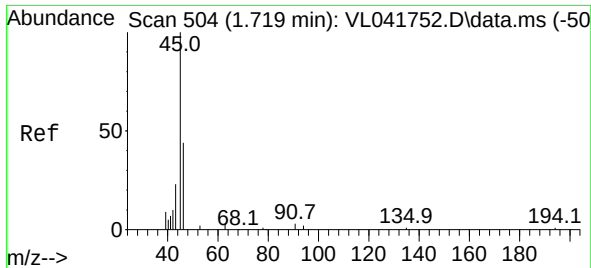
Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

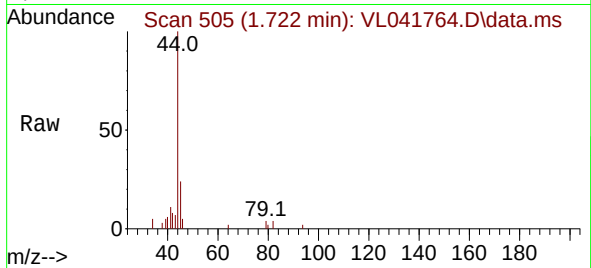
Tgt Ion:101 Resp: 3749
 Ion Ratio Lower Upper
 101 100
 151 70.1 56.8 85.2





#13
Ethanol
Concen: 0.806 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

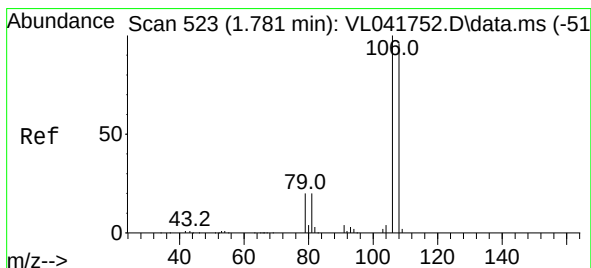
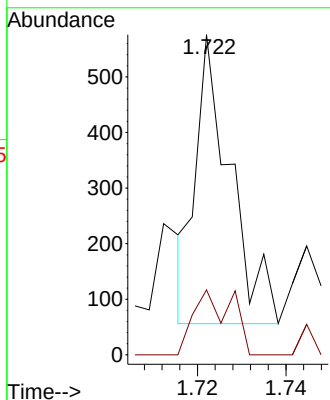
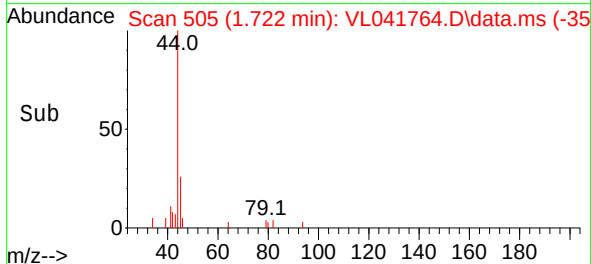
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 45 Resp: 28
Ion Ratio Lower Upper
45 100
46 28.8 16.4 65.8

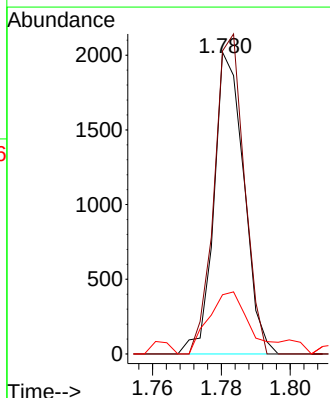
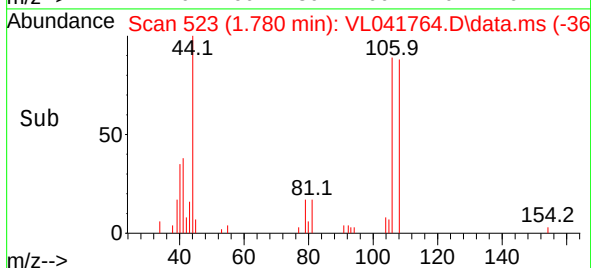
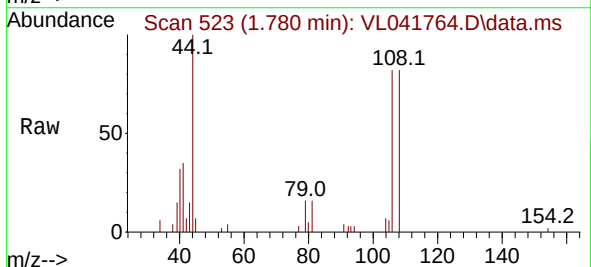
Manual Integrations
APPROVED

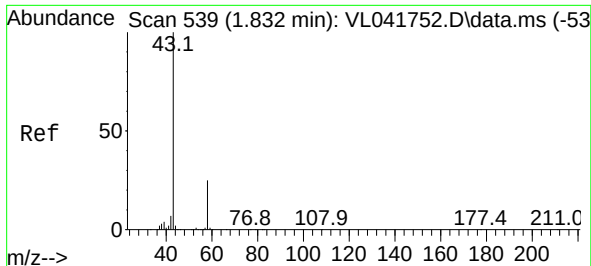
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#14
Bromoethene
Concen: 0.423 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

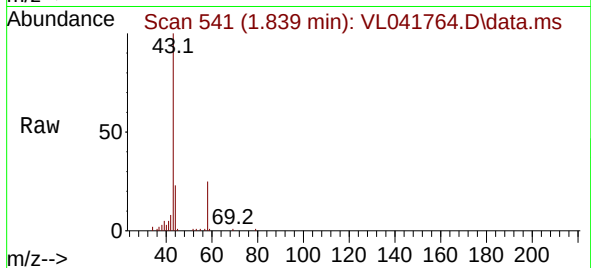
Tgt Ion:108 Resp: 1223
Ion Ratio Lower Upper
108 100
106 105.6 84.1 126.1
79 36.3 17.4 26.0#





#15
Acetone
Concen: 0.547 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

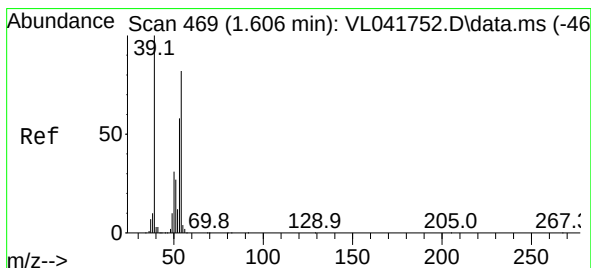
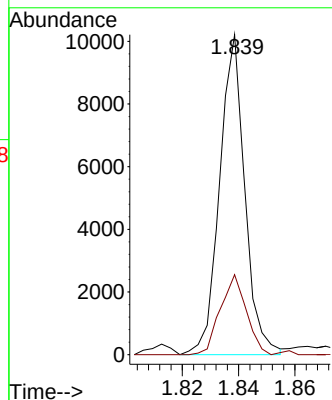
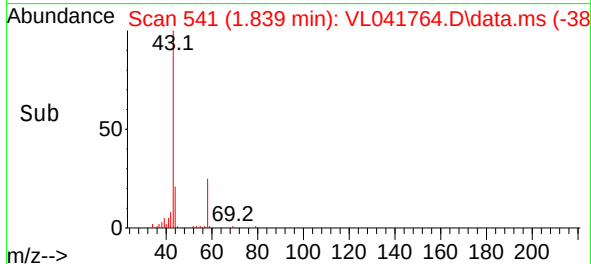
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



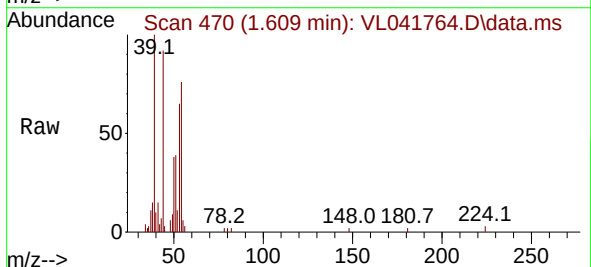
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 26.3 19.7 29.5

Manual Integrations
APPROVED

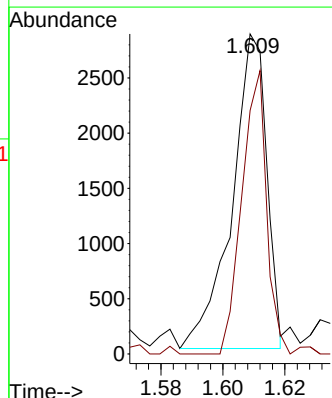
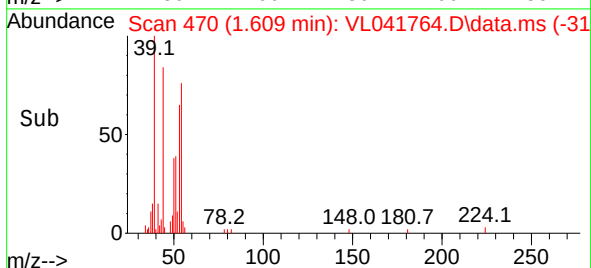
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

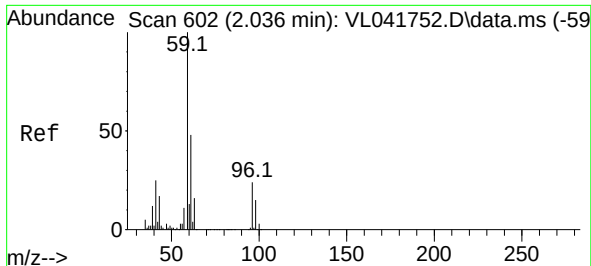


#16
1,3-Butadiene
Concen: 0.487 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23



Tgt Ion: 39 Resp: 2223
Ion Ratio Lower Upper
39 100
54 66.8 58.4 87.6





#17

tert-Butyl alcohol

Concen: 0.438 ppbv

RT: 2.046 min Scan# 602

Delta R.T. 0.009 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

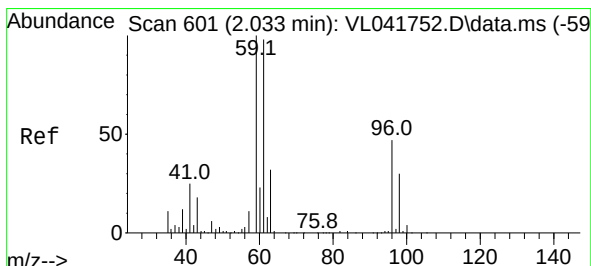
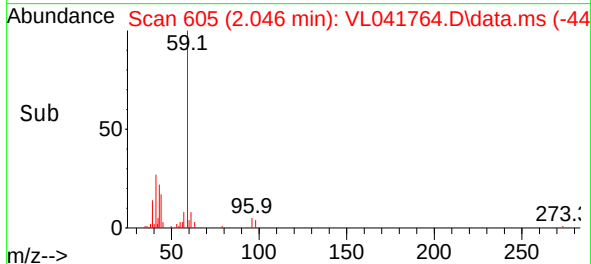
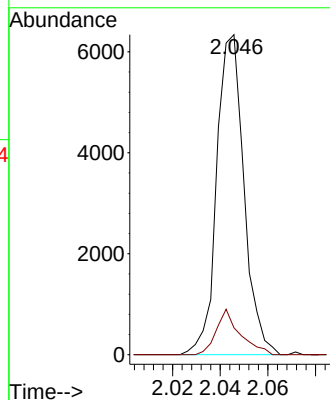
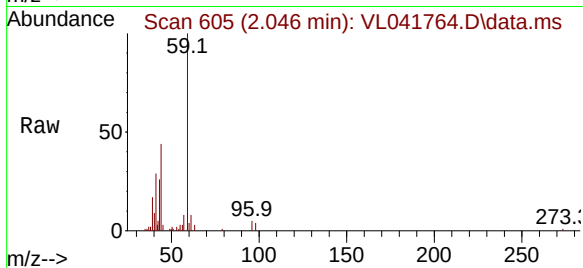
MDL 0.4

Tgt Ion: 59 Resp: 5039
 Ion Ratio Lower Upper
 59 100
 57 12.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#18

1,1-Dichloroethene

Concen: 0.457 ppbv m

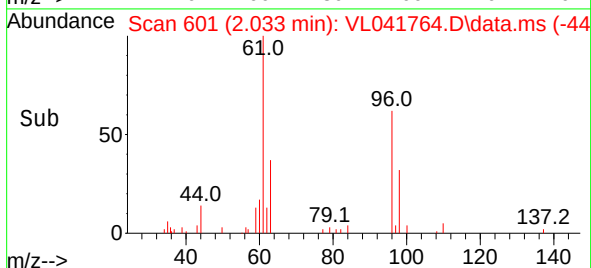
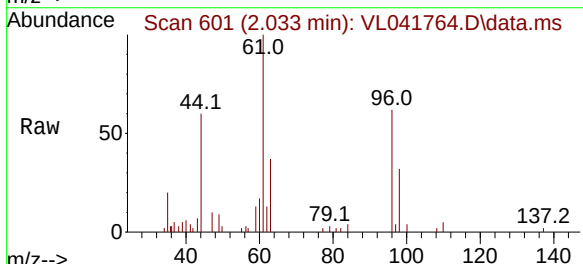
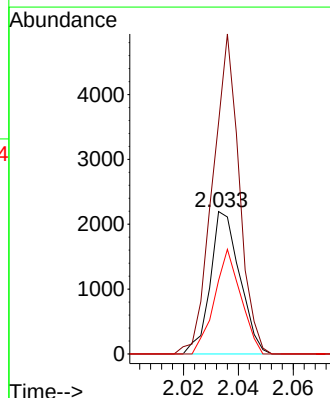
RT: 2.033 min Scan# 601

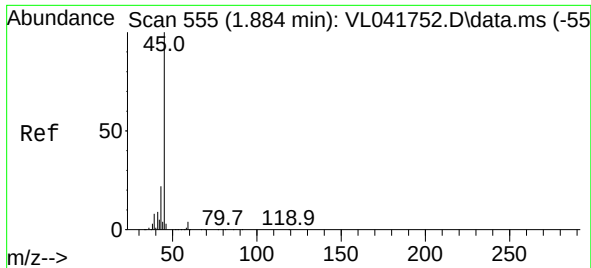
Delta R.T. -0.000 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion: 96 Resp: 1640
 Ion Ratio Lower Upper
 96 100
 61 162.5 167.7 251.5#
 98 51.7 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.638 ppbv

RT: 1.887 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

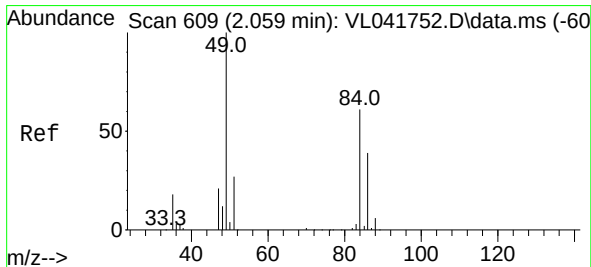
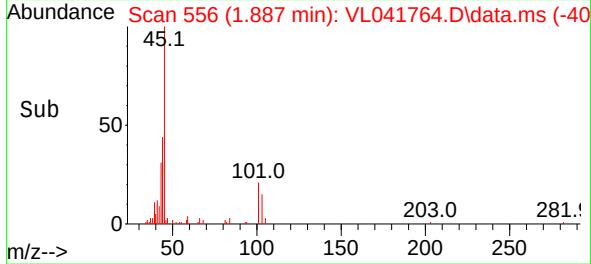
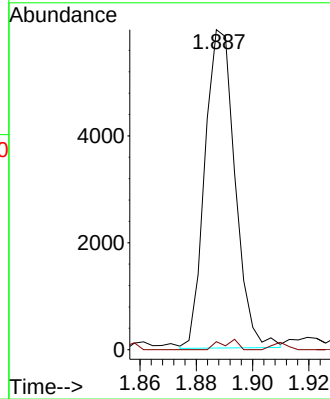
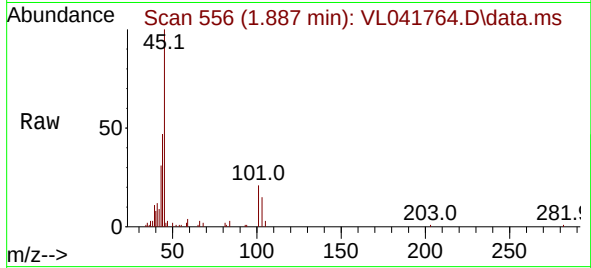
MDL 0.4

Tgt Ion: 45 Resp: 443
 Ion Ratio Lower Upper
 45 100
 58 3.0 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#20

Methylene Chloride

Concen: 0.517 ppbv

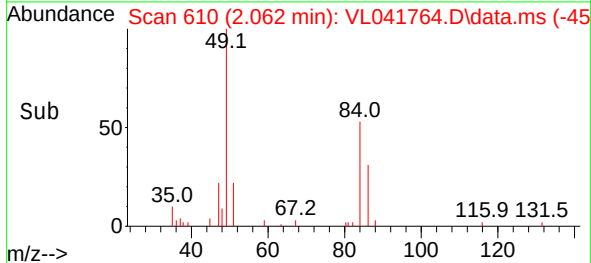
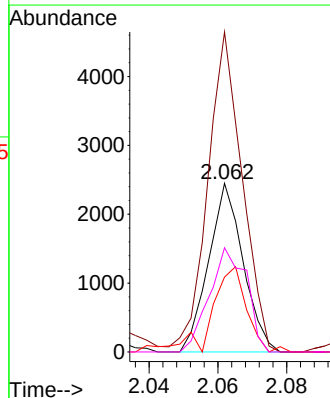
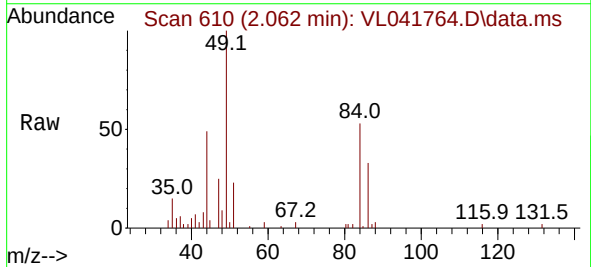
RT: 2.062 min Scan# 610

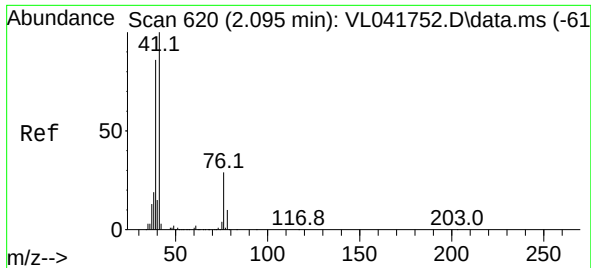
Delta R.T. 0.003 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion: 84 Resp: 1708
 Ion Ratio Lower Upper
 84 100
 49 189.8 132.6 198.8
 51 41.3 37.6 56.4
 86 61.8 51.4 77.0





#21

Allyl Chloride

Concen: 0.400 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

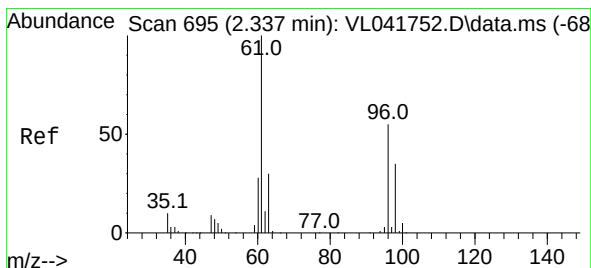
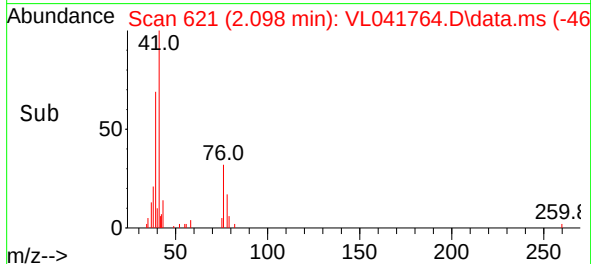
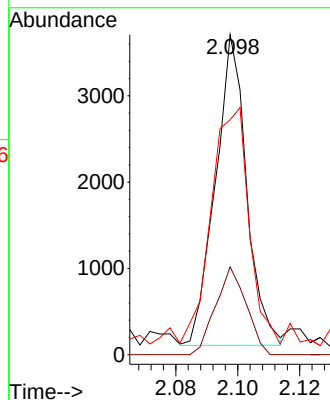
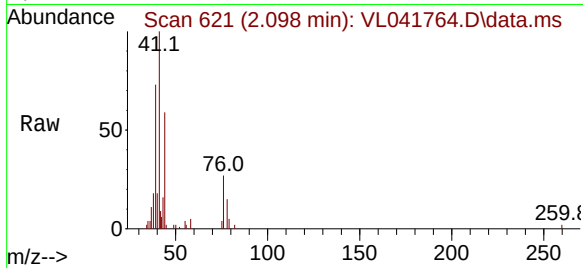
Tgt Ion: 41	Resp: 2514
Ion Ratio	Lower Upper
41	100
76	27.8 22.3 33.5
39	102.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#22

trans-1,2-Dichloroethene

Concen: 0.427 ppbv

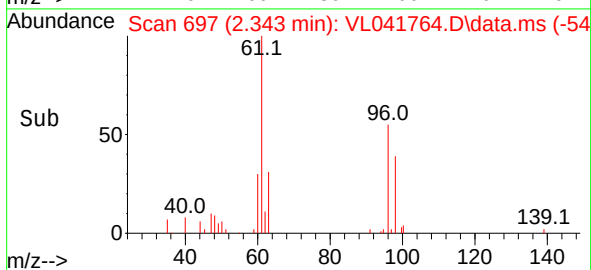
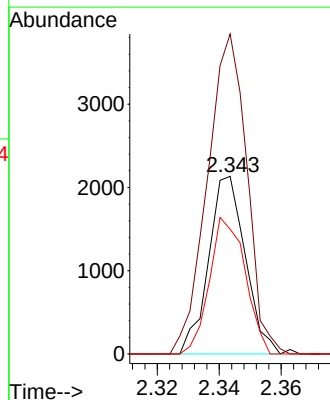
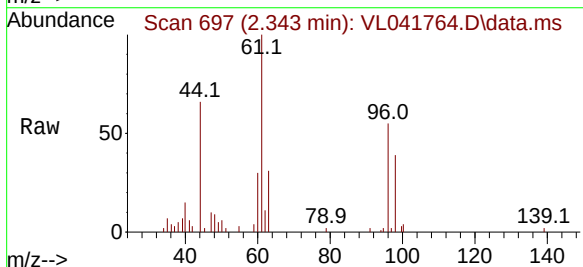
RT: 2.343 min Scan# 697

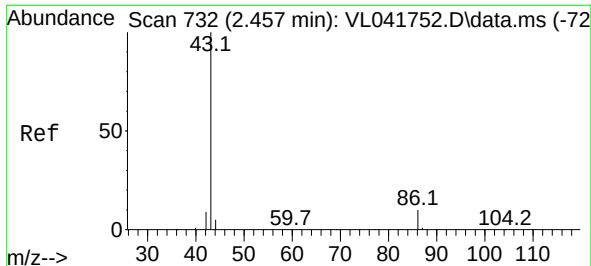
Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

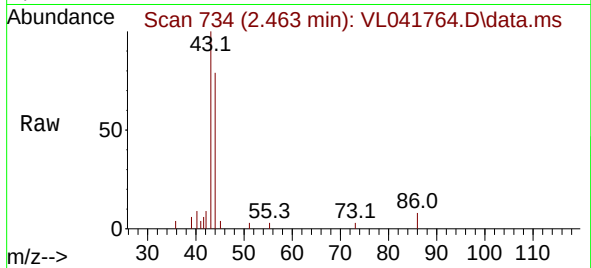
Tgt Ion: 96	Resp: 1756
Ion Ratio	Lower Upper
96	100
61	177.3 146.3 219.5
98	70.3 50.8 76.2





#23
 Vinyl Acetate
 Concen: 0.317 ppbv
 RT: 2.463 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VL041764.D
 Acq: 16 Dec 2024 22:23

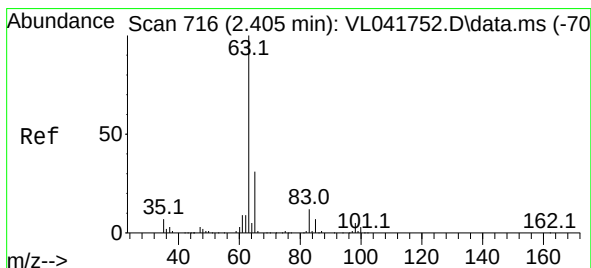
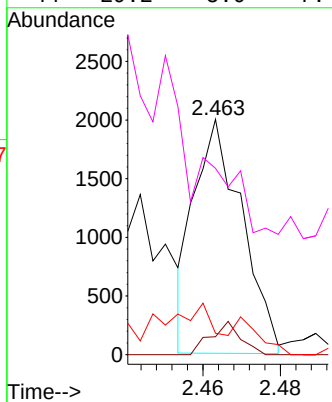
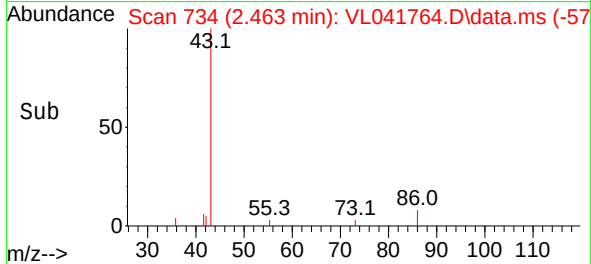
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 43 Resp: 1700
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.6 10.0
 42 5.0 8.2 12.2
 44 29.2 5.0 7.4#

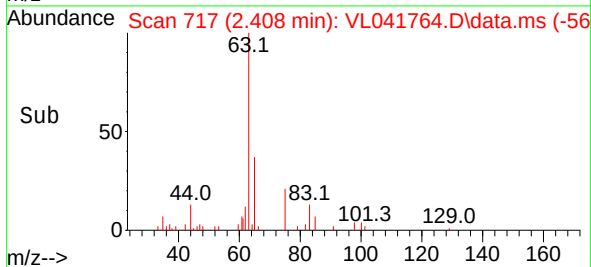
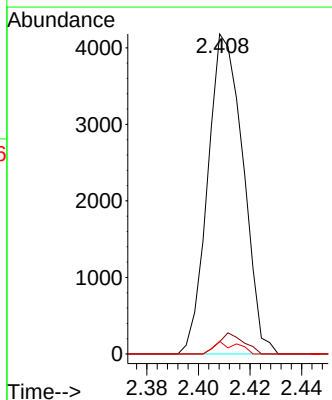
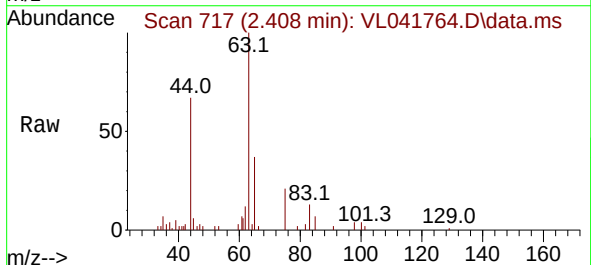
Manual Integrations
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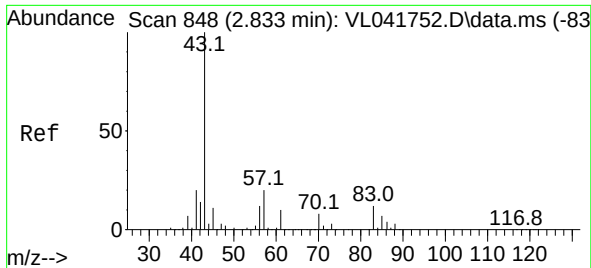
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 0.478 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041764.D
 Acq: 16 Dec 2024 22:23

Tgt Ion: 63 Resp: 3973
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.3 6.8
 100 3.9 1.4 4.2





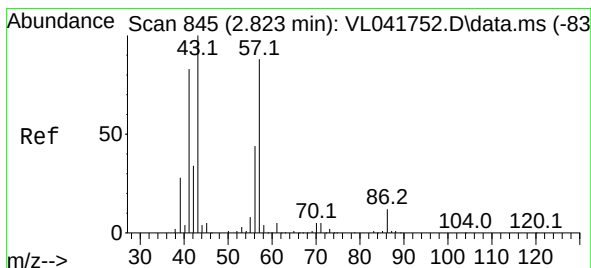
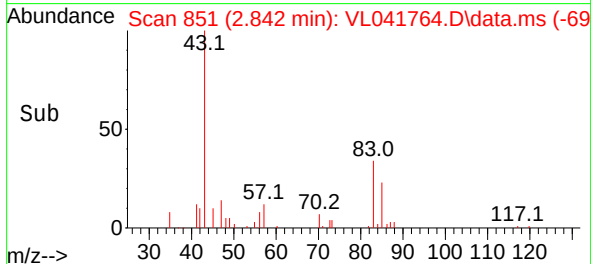
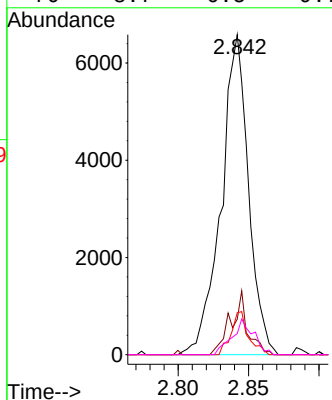
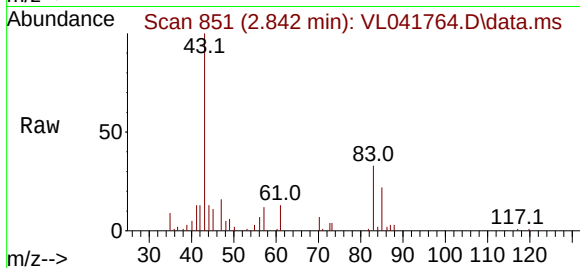
#25
Ethyl Acetate
Concen: 0.412 ppbv
RT: 2.842 min Scan# 848
Delta R.T. 0.009 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 43	Resp: 888
Ion Ratio	Lower Upper
43 100	
45 12.2	8.1 12.1
61 8.5	7.0 10.6
70 8.7	6.5 9.7

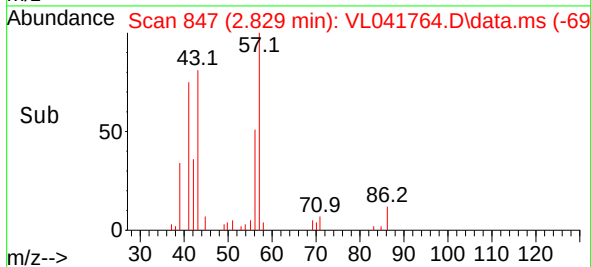
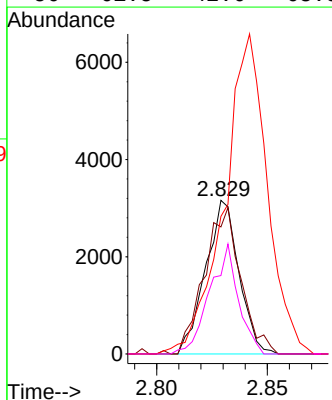
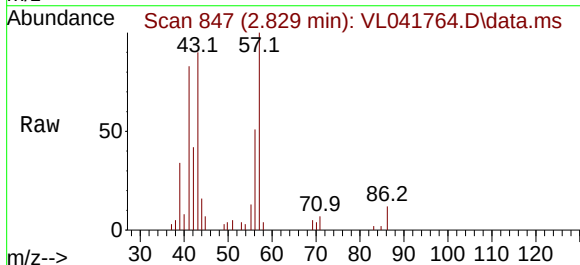
Manual Integrations
APPROVED

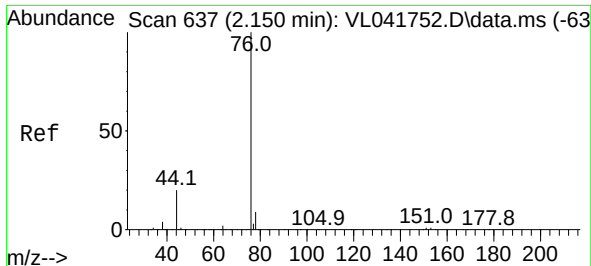
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Hexane
Concen: 0.405 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion: 57	Resp: 3316
Ion Ratio	Lower Upper
57 100	
41 104.5	79.6 119.4
43 267.9	211.0 316.6
56 61.5	42.6 63.8





#27

Carbon Disulfide

Concen: 0.285 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

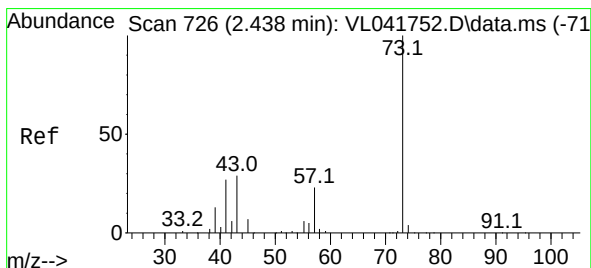
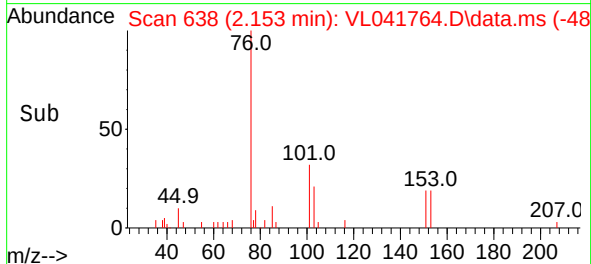
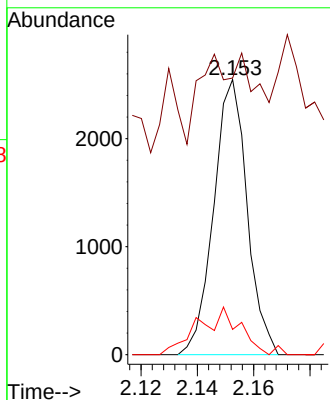
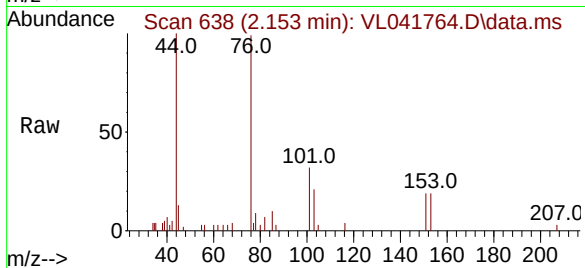
MDL 0.4

Tgt Ion:	76	Resp:	210
Ion Ratio	Lower	Upper	
76	100		
44	227.6	17.6	26.4
78	23.2	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28

Methyl tert-Butyl Ether

Concen: 0.387 ppbv

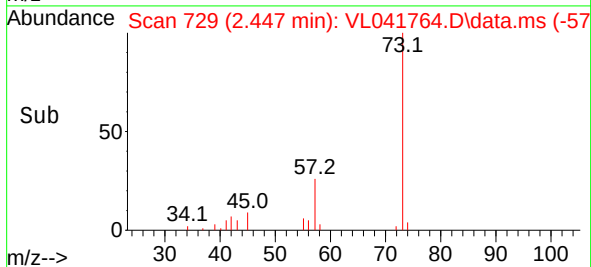
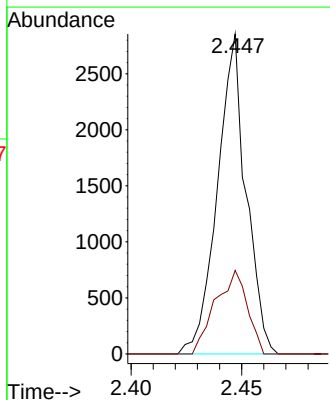
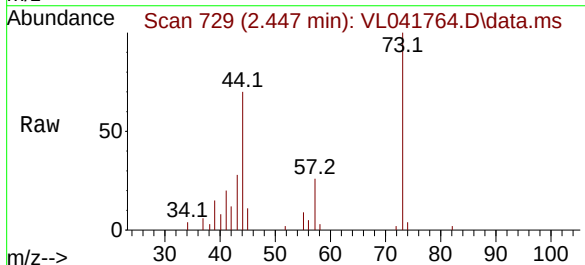
RT: 2.447 min Scan# 729

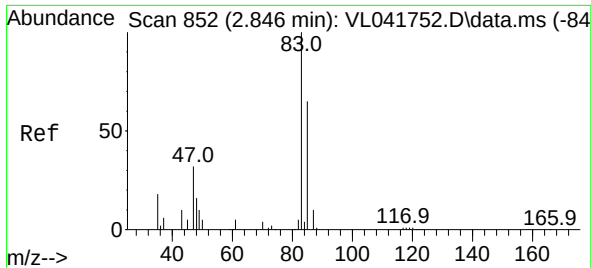
Delta R.T. 0.009 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion:	73	Resp:	2568
Ion Ratio	Lower	Upper	
73	100		
57	29.0	17.6	26.4





#29

Chloroform

Concen: 0.439 ppbv

RT: 2.852 min Scan# 852

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 83 Resp: 5468

Ion Ratio Lower Upper

83 100

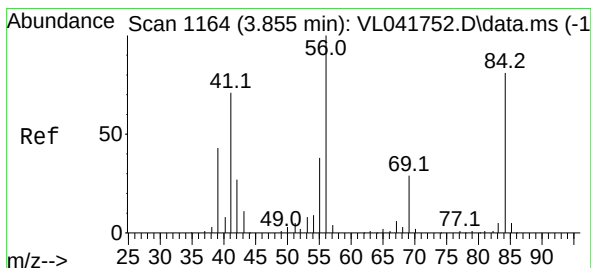
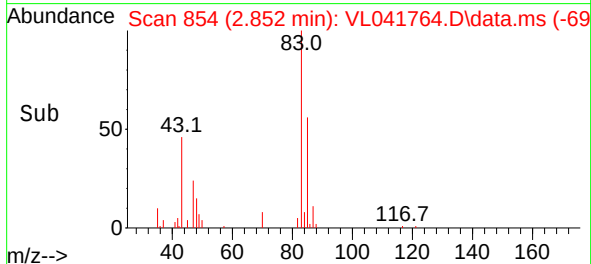
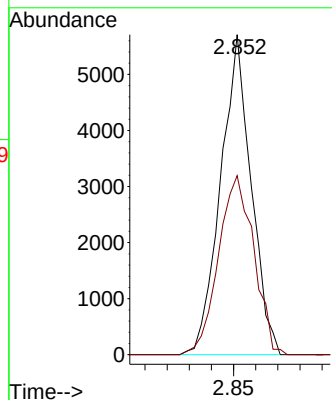
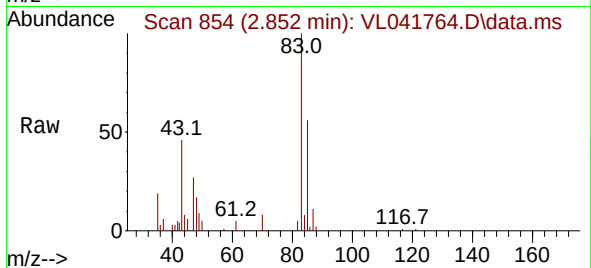
85 55.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 0.387 ppbv m

RT: 3.861 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

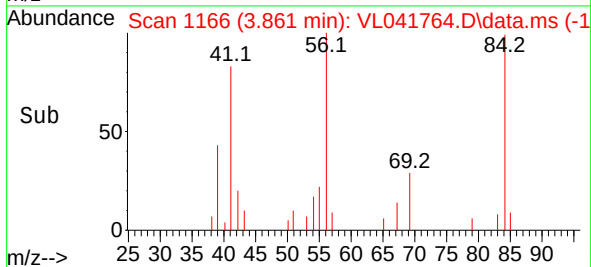
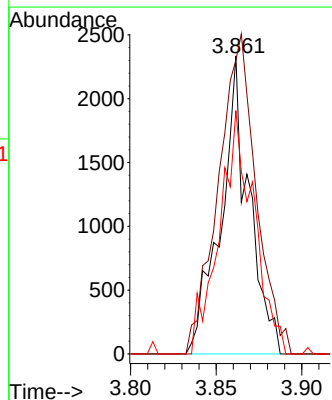
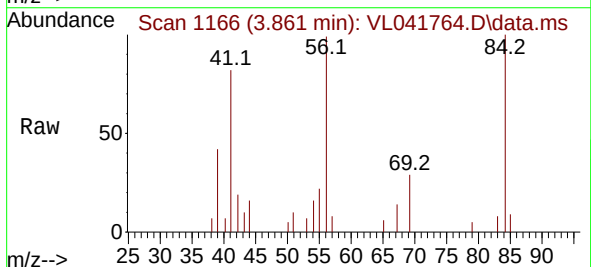
Tgt Ion: 84 Resp: 2697

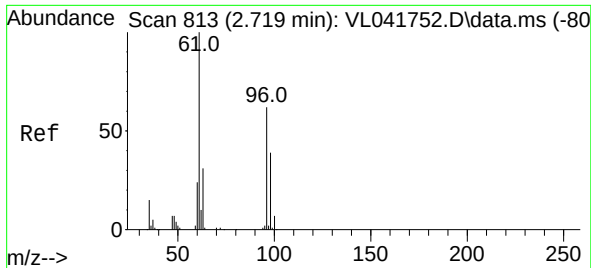
Ion Ratio Lower Upper

84 100

56 142.8 102.3 153.5

41 99.6 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 0.444 ppbv m

RT: 2.725 min Scan# 813

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

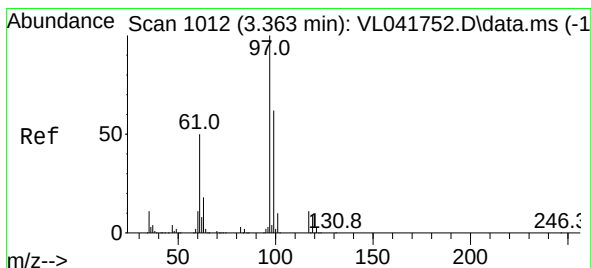
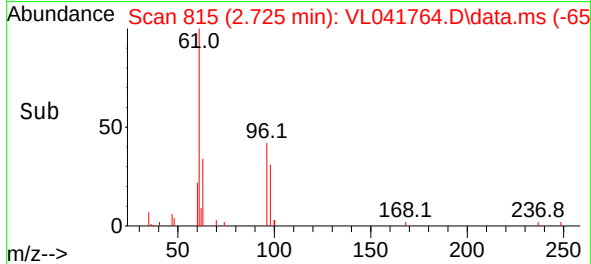
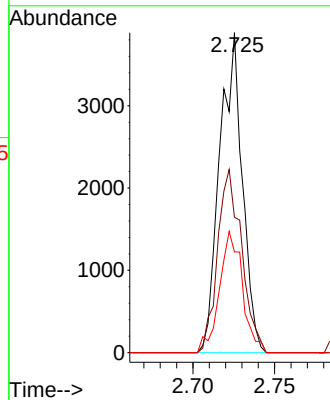
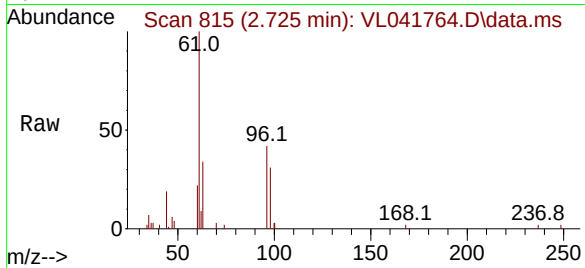
Tgt Ion: 61 Resp: 3750

Ion	Ratio	Lower	Upper
61	100		
96	42.3	49.7	74.5
98	31.5	30.8	46.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32

1,1,1-Trichloroethane

Concen: 0.414 ppbv

RT: 3.376 min Scan# 1016

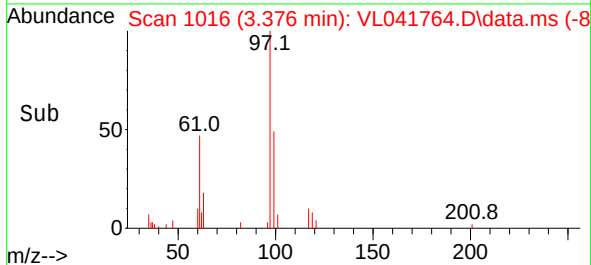
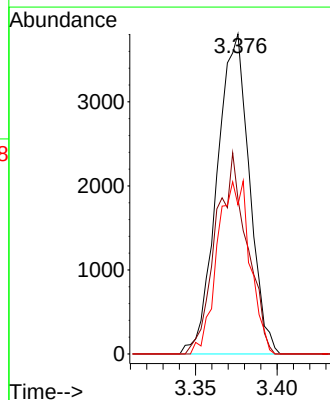
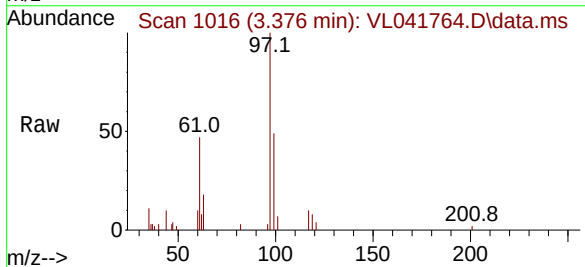
Delta R.T. 0.013 min

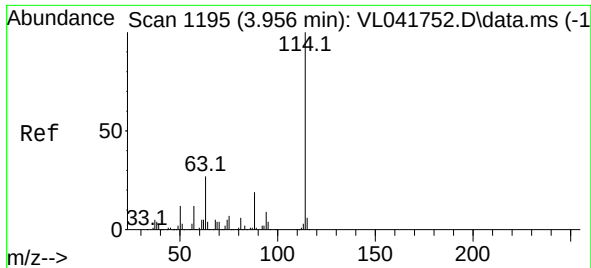
Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion: 97 Resp: 5251

Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.0	76.4
61	54.5	42.2	63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

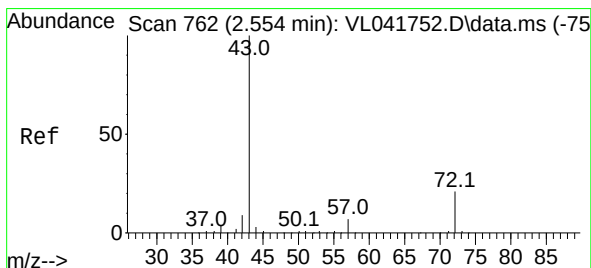
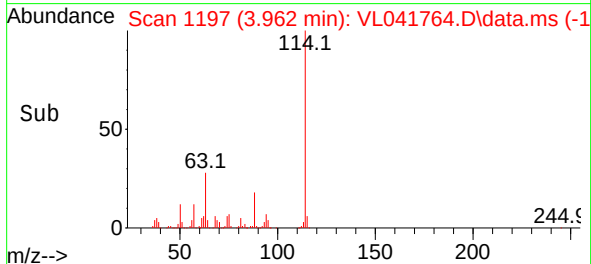
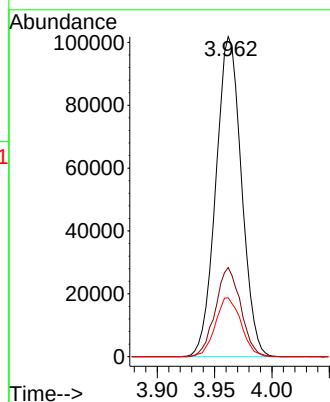
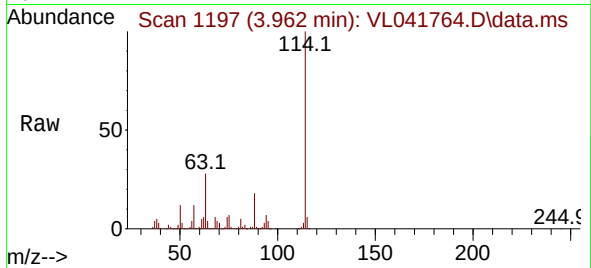
Tgt Ion:114	Resp: 158238
Ion Ratio	Lower Upper
114 100	
63 27.5	21.8 32.8
88 18.5	14.8 22.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#34

2-Butanone

Concen: 0.436 ppbv

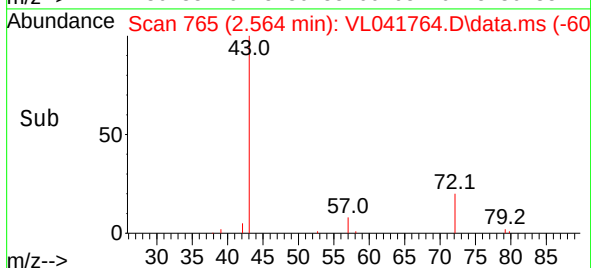
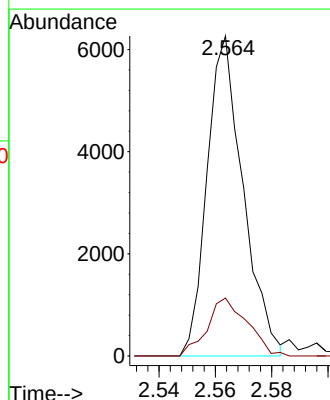
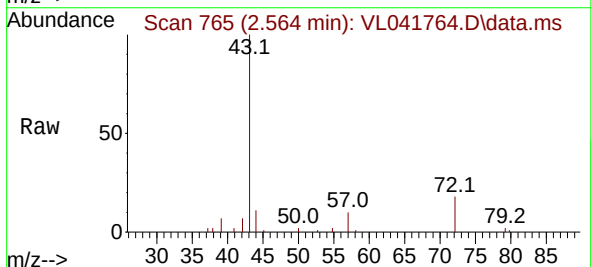
RT: 2.564 min Scan# 765

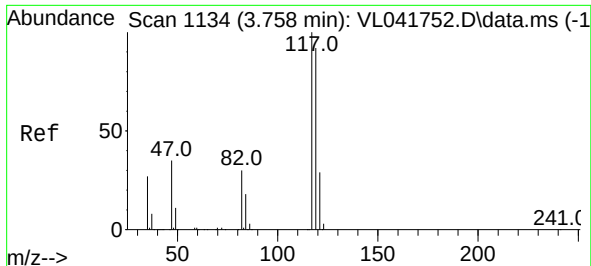
Delta R.T. 0.009 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

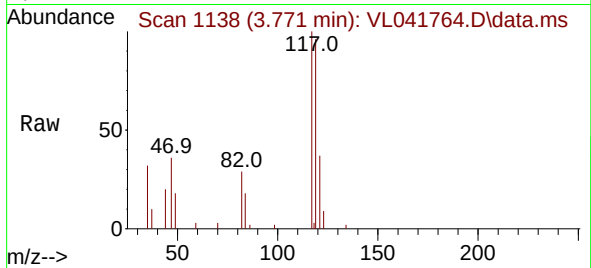
Tgt Ion: 43	Resp: 5547
Ion Ratio	Lower Upper
43 100	
72 20.2	16.8 25.2





#35
Carbon Tetrachloride
Concen: 0.373 ppbv m
RT: 3.771 min Scan# 1134
Delta R.T. 0.013 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

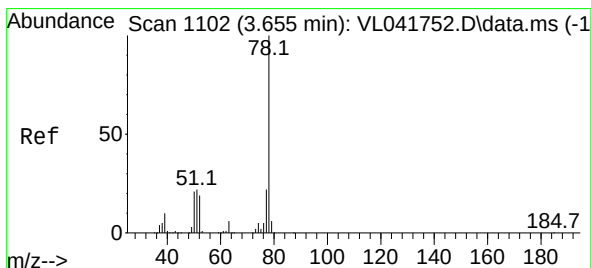
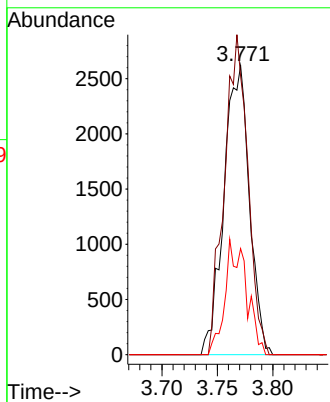
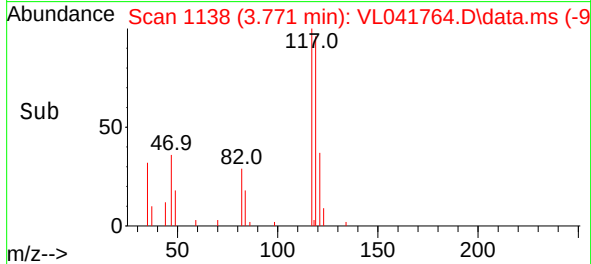
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:117 Resp: 4190
Ion Ratio Lower Upper
117 100
119 96.4 73.7 110.5
121 36.7 23.0 34.4

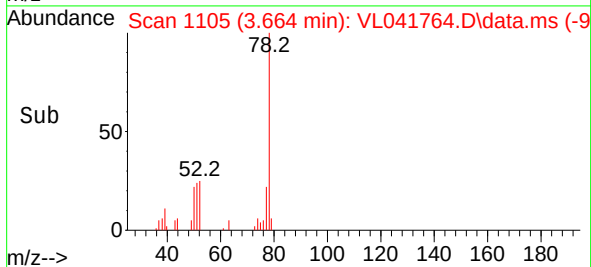
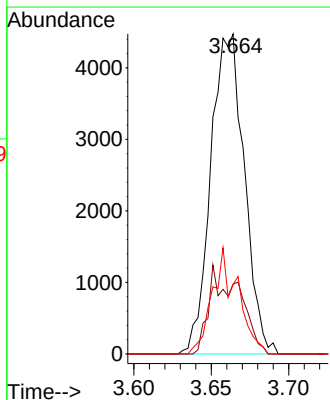
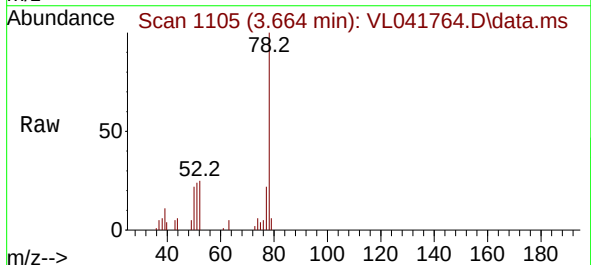
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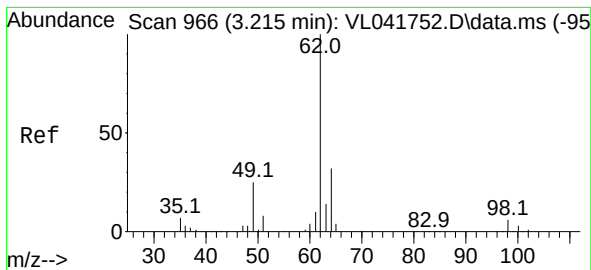
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
Benzene
Concen: 0.412 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.009 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion: 78 Resp: 6743
Ion Ratio Lower Upper
78 100
77 21.8 17.8 26.6
50 21.7 17.2 25.8





#37

1,2-Dichloroethane

Concen: 0.486 ppbv

RT: 3.221 min Scan# 90

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 62 Resp: 4949

Ion Ratio Lower Upper

62 100

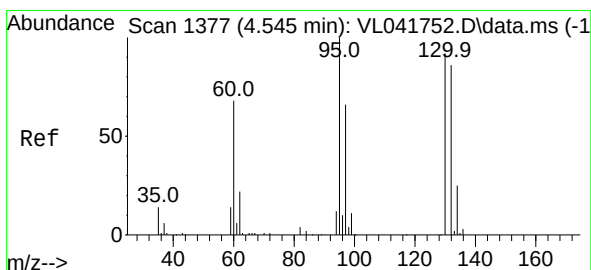
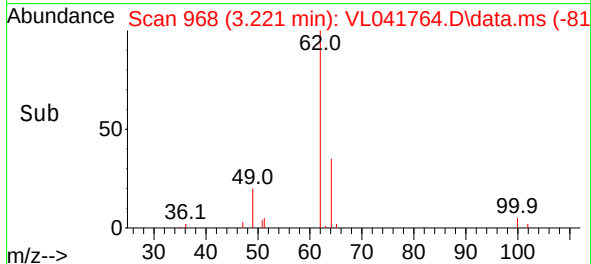
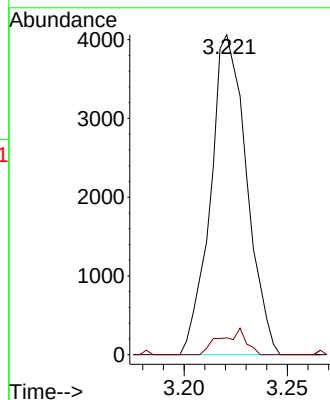
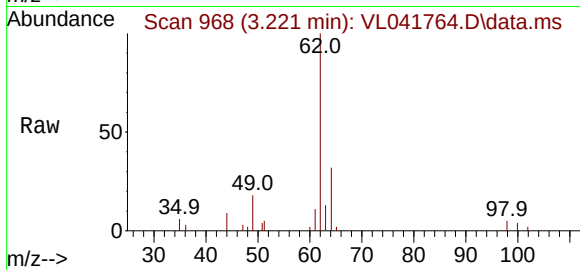
98 5.7 4.7 7.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#38

Trichloroethene

Concen: 0.384 ppbv m

RT: 4.551 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion:130 Resp: 2671

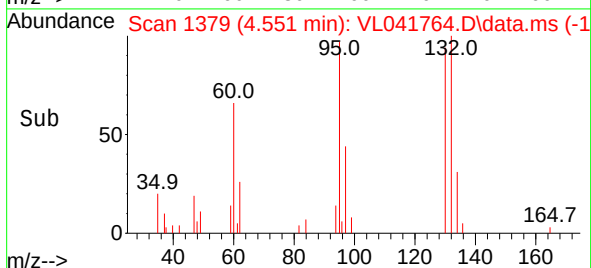
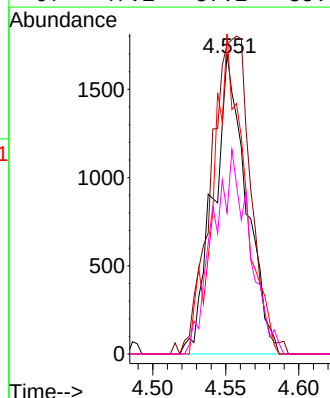
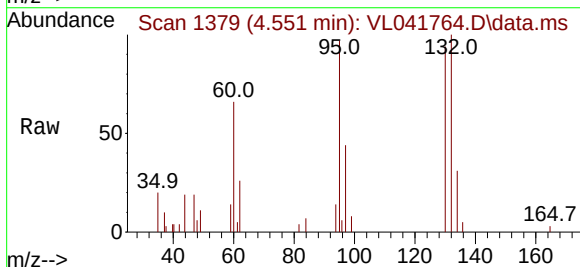
Ion Ratio Lower Upper

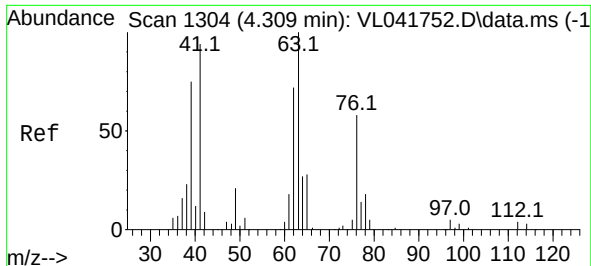
130 100

95 103.2 87.0 130.6

132 106.6 75.0 112.6

97 47.1 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 0.457 ppbv m

RT: 4.321 min Scan# 1308

Delta R.T. 0.013 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

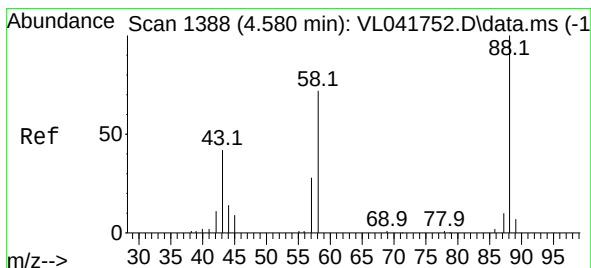
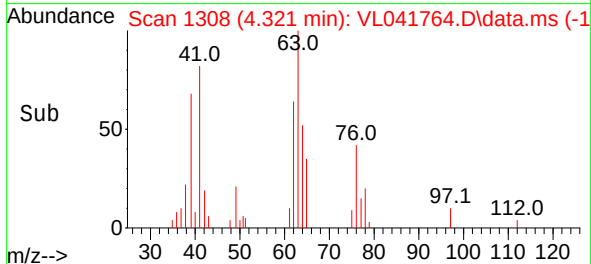
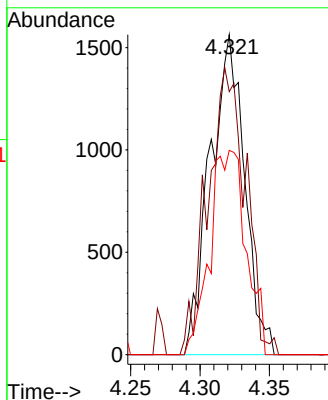
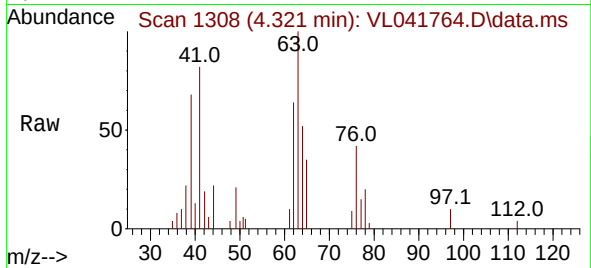
Tgt Ion: 63 Resp: 2700

Ion	Ratio	Lower	Upper
63	100		
41	82.2	75.3	112.9
62	63.9	57.3	85.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40

1,4-Dioxane

Concen: 0.415 ppbv m

RT: 4.612 min Scan# 1398

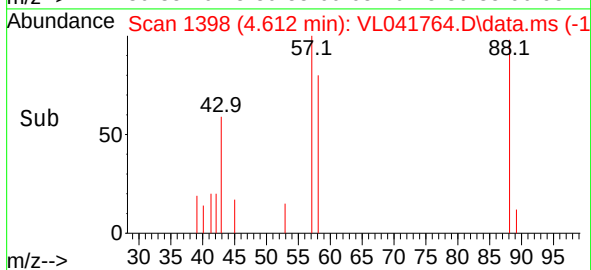
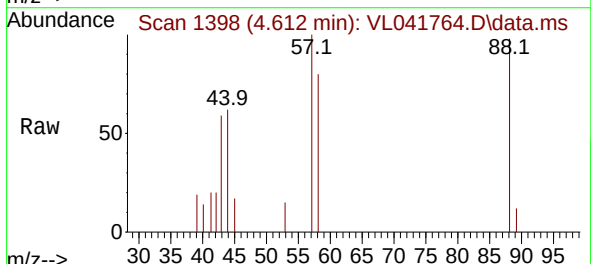
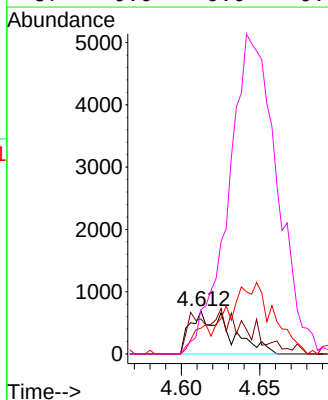
Delta R.T. 0.032 min

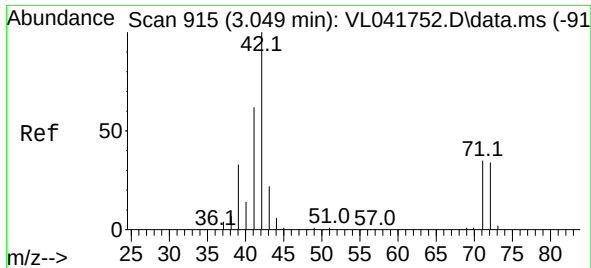
Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion: 88 Resp: 1200

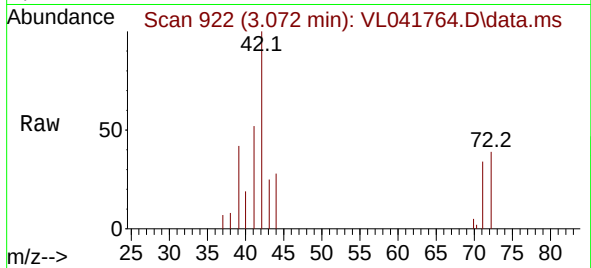
Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.0	91.6#
43	0.0	29.4	44.0#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.395 ppbv
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

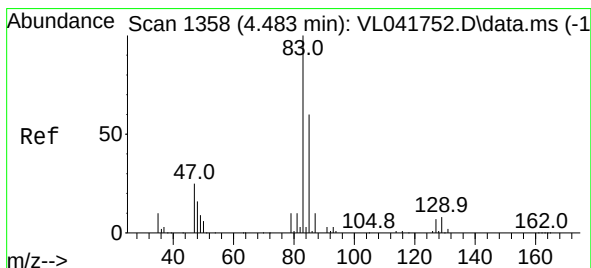
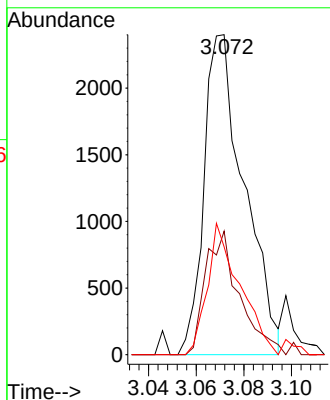
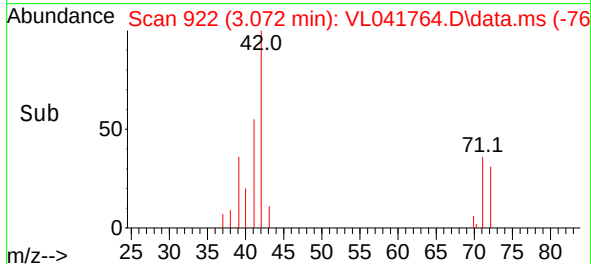
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 42 Resp: 281
Ion Ratio Lower Upper
42 100
72 33.3 29.1 43.7
71 34.8 28.4 42.6

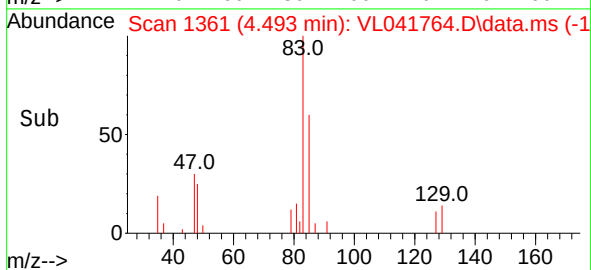
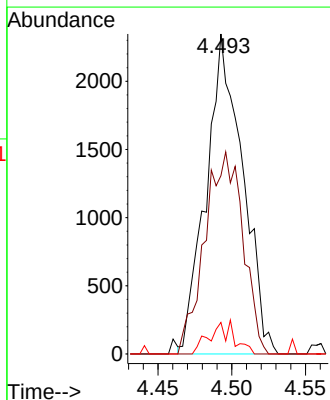
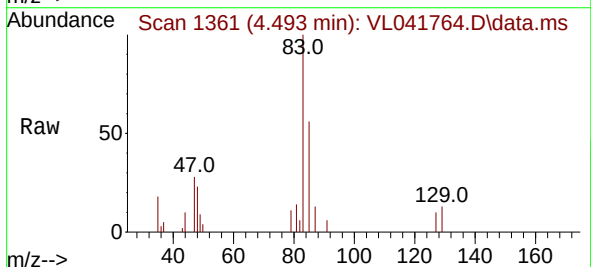
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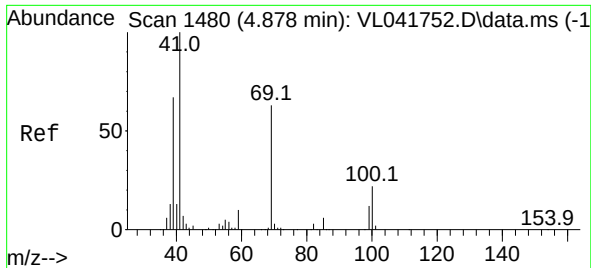
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
Bromodichloromethane
Concen: 0.345 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.009 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

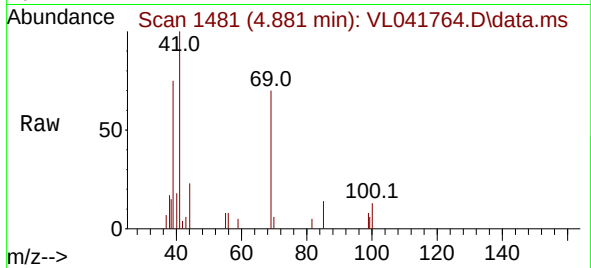
Tgt Ion: 83 Resp: 4041
Ion Ratio Lower Upper
83 100
85 55.7 48.0 72.0
127 9.9 5.8 8.8#





#43
Methyl Methacrylate
Concen: 0.332 ppbv m
RT: 4.881 min Scan# 1480
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

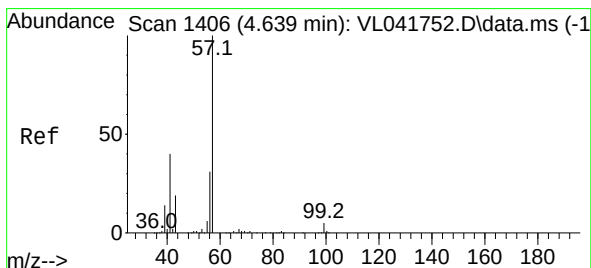
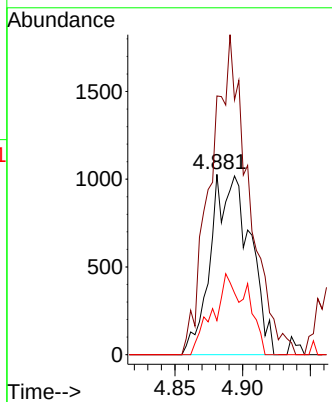
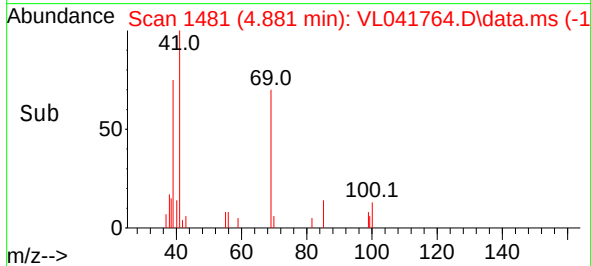
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 69 Resp: 2072
Ion Ratio Lower Upper
69 100
41 0.0 130.3 195.5
100 0.0 28.3 42.5

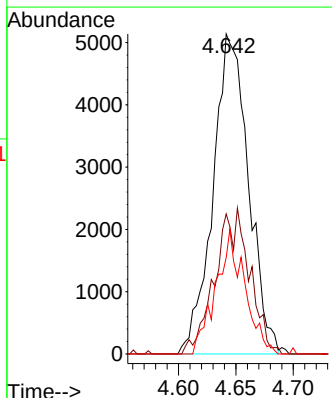
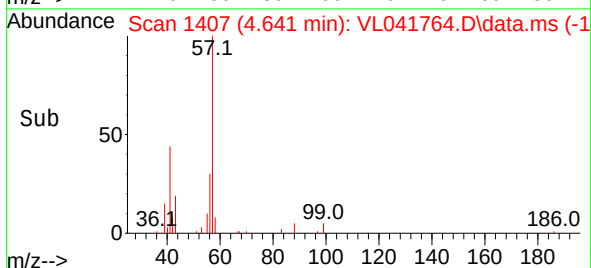
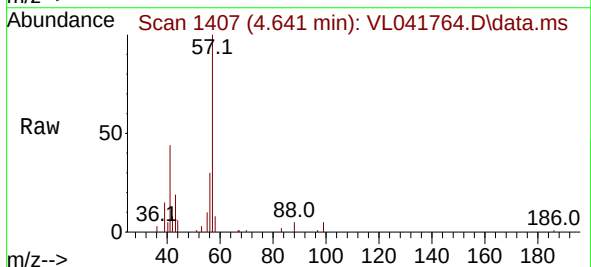
Manual Integrations
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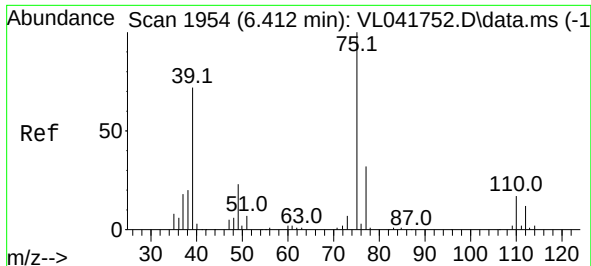
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
2,2,4-Trimethylpentane
Concen: 0.396 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion: 57 Resp: 11058
Ion Ratio Lower Upper
57 100
41 44.4 30.7 46.1
56 31.6 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 0.320 ppbv m

RT: 6.415 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 75 Resp: 2064

Ion Ratio Lower Upper

75 100

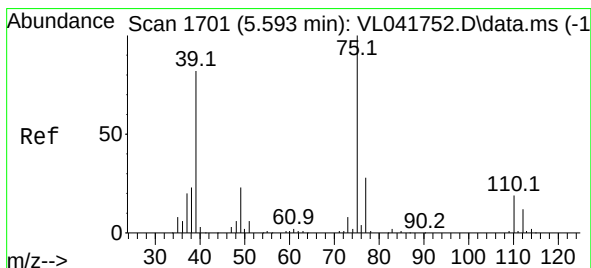
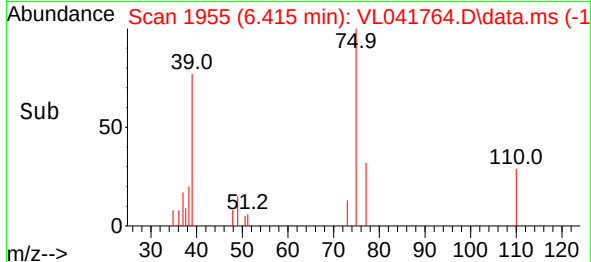
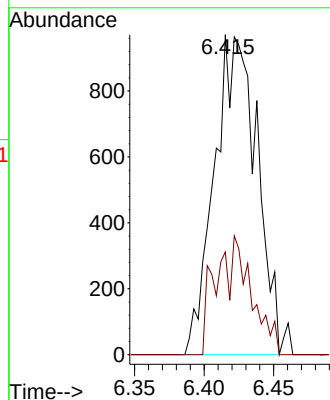
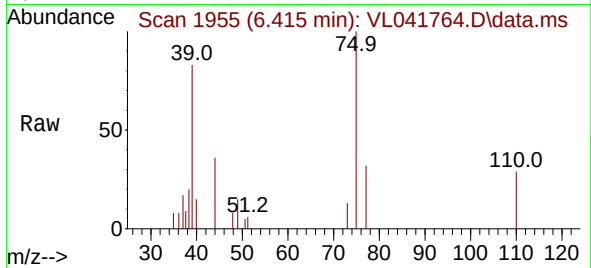
77 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

cis-1,3-Dichloropropene

Concen: 0.302 ppbv m

RT: 5.600 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

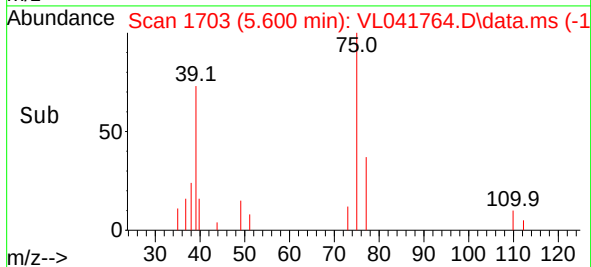
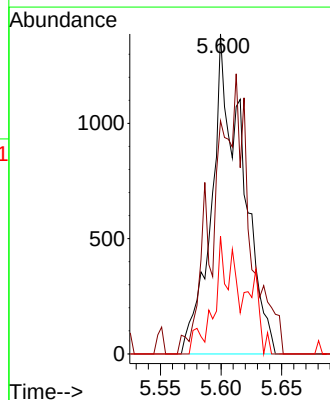
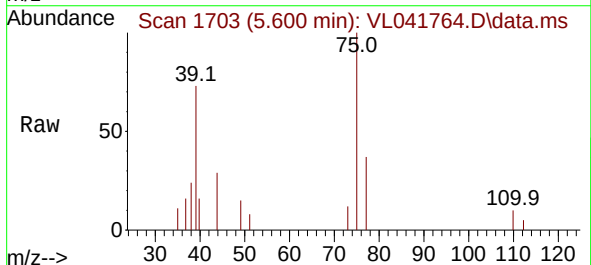
Tgt Ion: 75 Resp: 2474

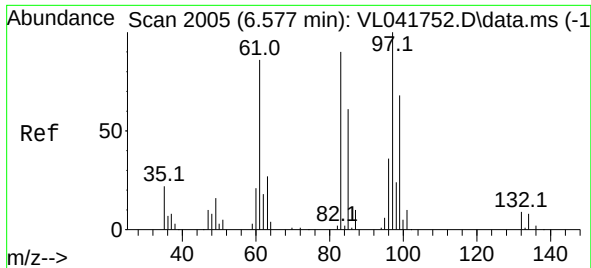
Ion Ratio Lower Upper

75 100

39 72.8 65.2 97.8

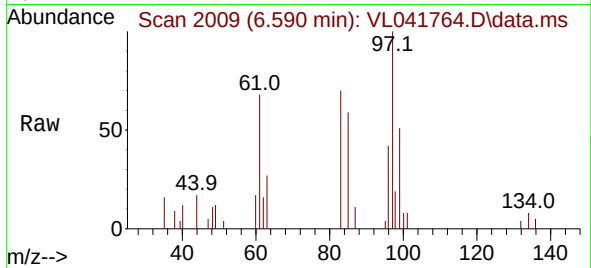
77 36.8 22.0 33.0#





#47
1,1,2-Trichloroethane
Concen: 0.404 ppbv m
RT: 6.590 min Scan# 2009
Delta R.T. 0.013 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

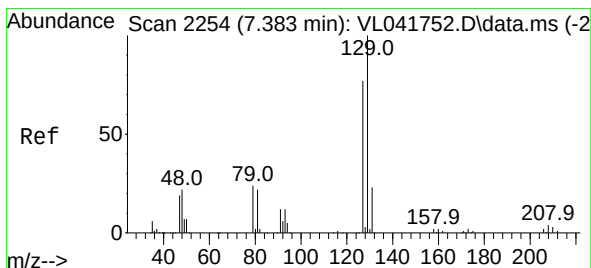
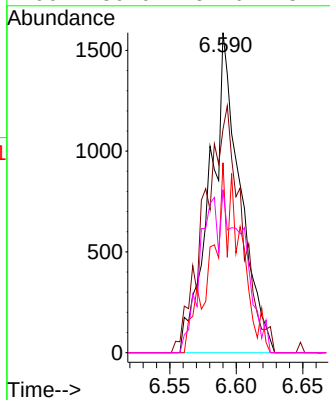
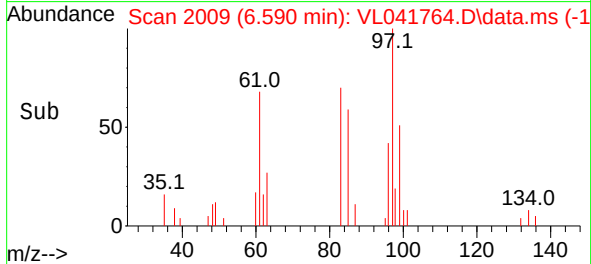
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 97 Resp: 2500
Ion Ratio Lower Upper
97 100
83 69.8 72.3 108.5
85 59.3 48.5 72.7
99 50.9 54.0 81.0#

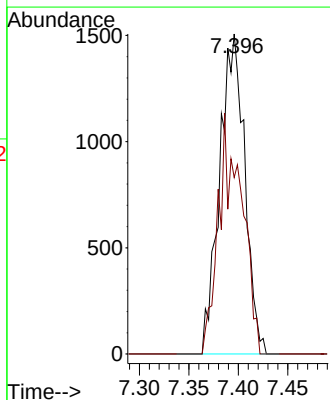
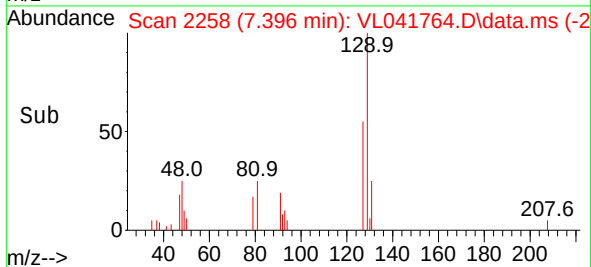
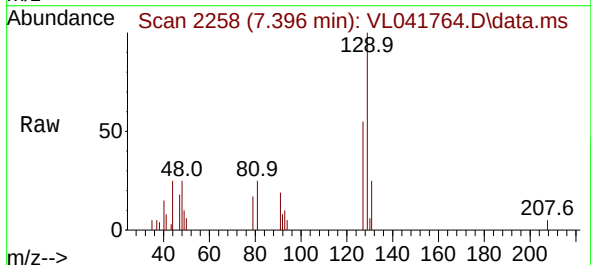
Manual Integrations
APPROVED

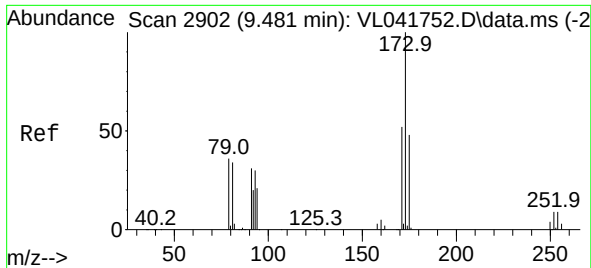
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Dibromochloromethane
Concen: 0.313 ppbv m
RT: 7.396 min Scan# 2258
Delta R.T. 0.013 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion:129 Resp: 2645
Ion Ratio Lower Upper
129 100
127 70.8 38.8 116.3





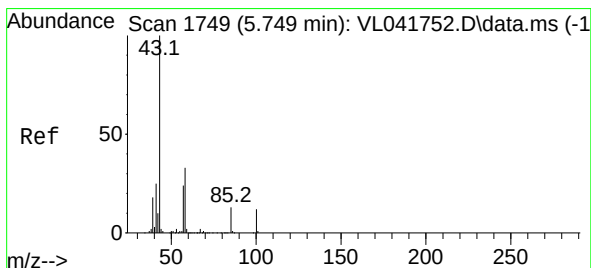
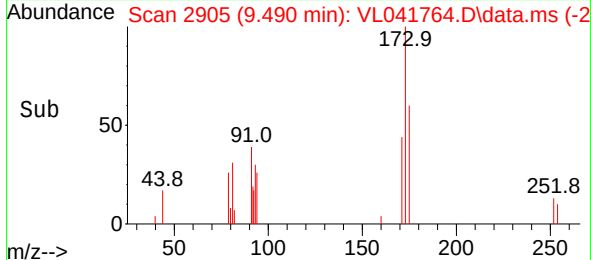
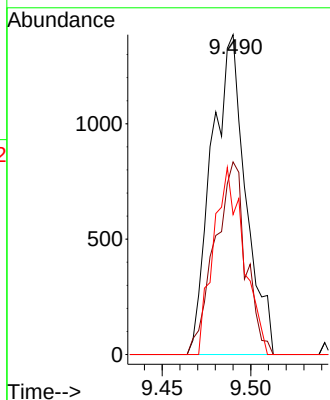
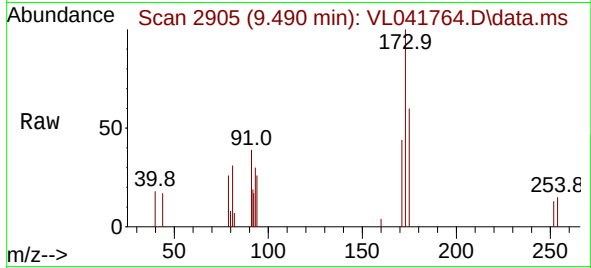
#49
Bromoform
Concen: 0.268 ppbv m
RT: 9.490 min Scan# 20
Delta R.T. 0.009 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:173 Resp: 1854
Ion Ratio Lower Upper
173 100
175 55.1 38.2 57.2
171 51.7 41.1 61.7

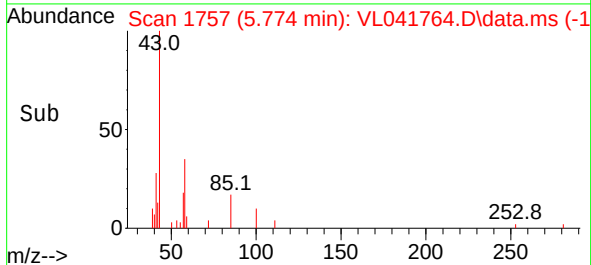
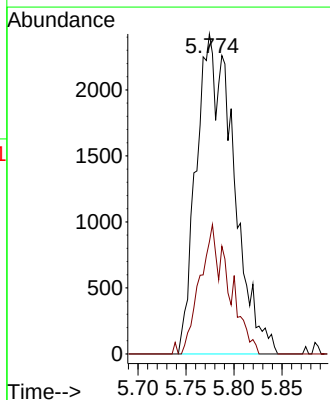
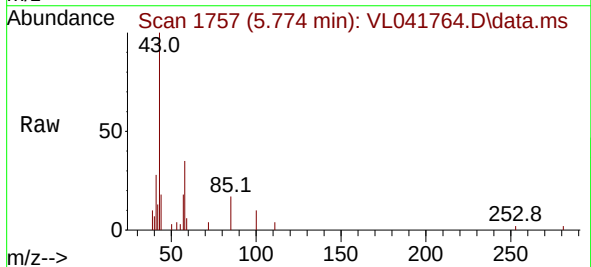
Manual Integrations
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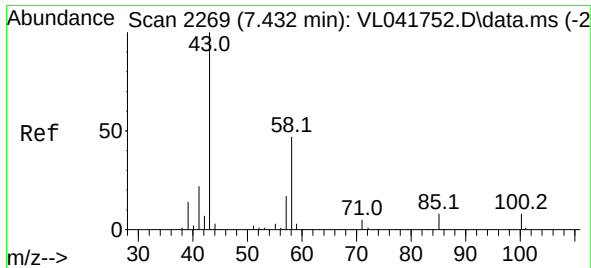
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
4-Methyl-2-Pentanone
Concen: 0.378 ppbv m
RT: 5.774 min Scan# 1757
Delta R.T. 0.026 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

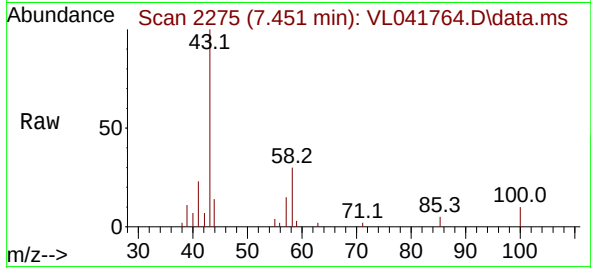
Tgt Ion: 43 Resp: 6550
Ion Ratio Lower Upper
43 100
58 31.7 26.8 40.2





#51
2-Hexanone
Concen: 0.332 ppbv m
RT: 7.451 min Scan# 2275
Delta R.T. 0.019 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

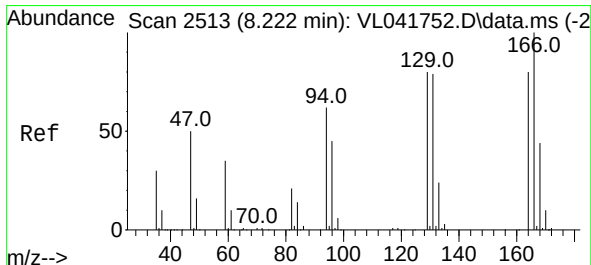
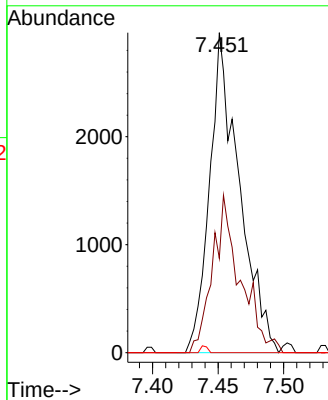
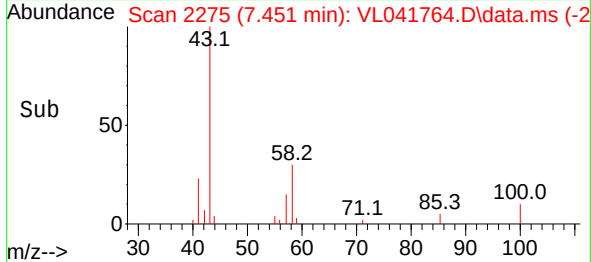
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 46.2 36.6 55.0
98 0.5 0.1 0.1

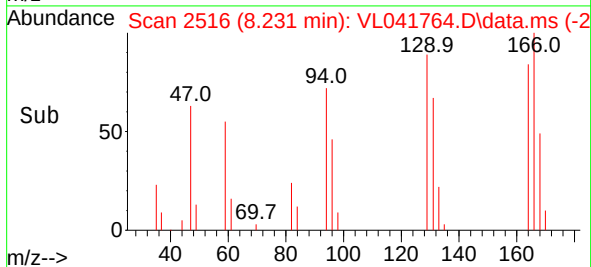
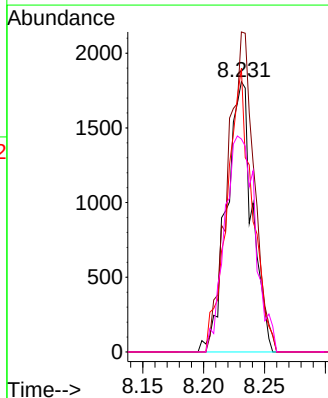
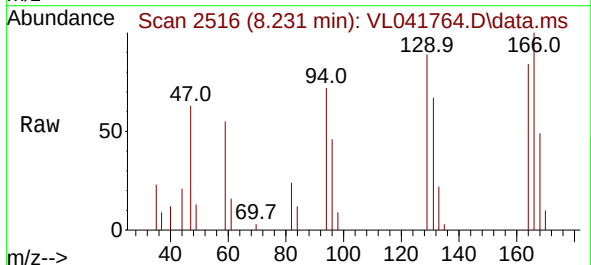
Manual Integrations
APPROVED

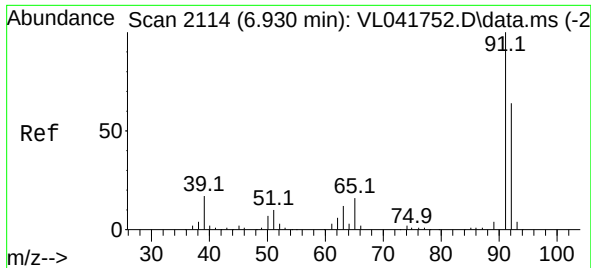
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Tetrachloroethene
Concen: 0.436 ppbv m
RT: 8.231 min Scan# 2516
Delta R.T. 0.009 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

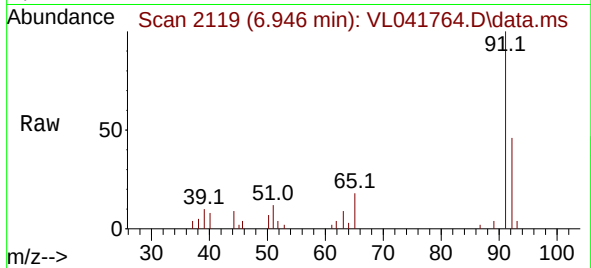
Tgt Ion:164 Resp: 2657
Ion Ratio Lower Upper
164 100
166 118.4 99.8 149.6
129 104.9 79.6 119.4
131 78.8 78.6 117.8





#53
Toluene
Concen: 0.371 ppbv m
RT: 6.946 min Scan# 2114
Delta R.T. 0.016 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

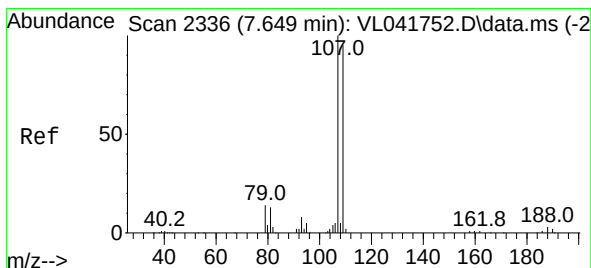
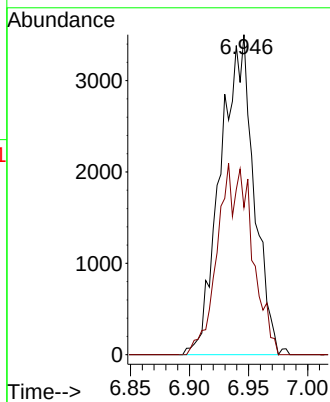
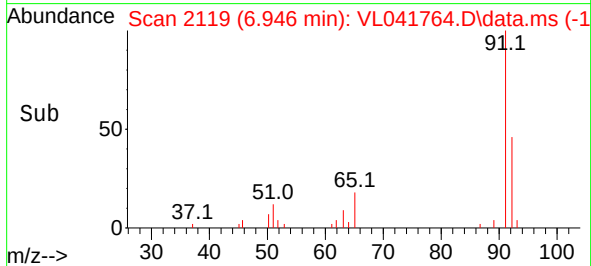
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



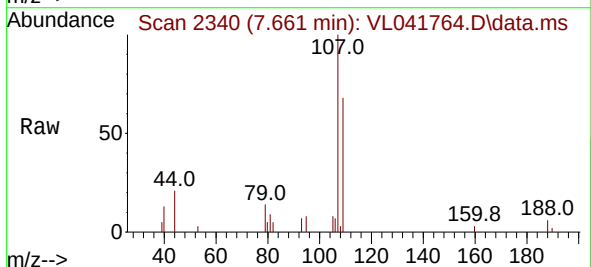
Tgt Ion: 91 Resp: 689
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

Manual Integrations
APPROVED

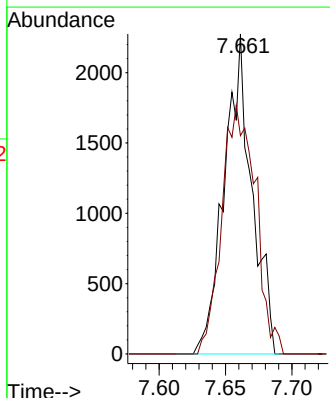
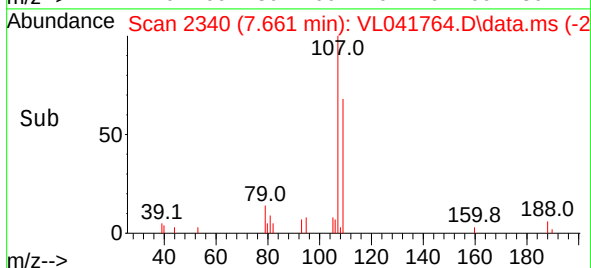
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

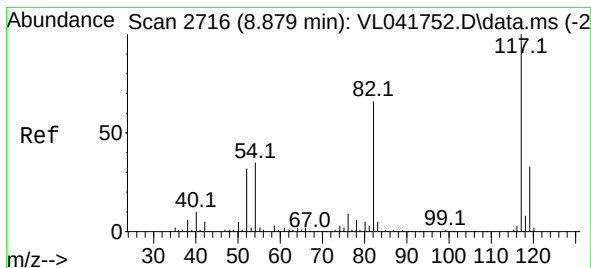


#54
1,2-Dibromoethane
Concen: 0.385 ppbv m
RT: 7.661 min Scan# 2340
Delta R.T. 0.013 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23



Tgt Ion:107 Resp: 3278
Ion Ratio Lower Upper
107 100
109 68.2 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: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

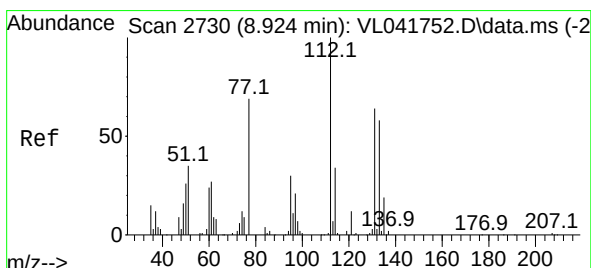
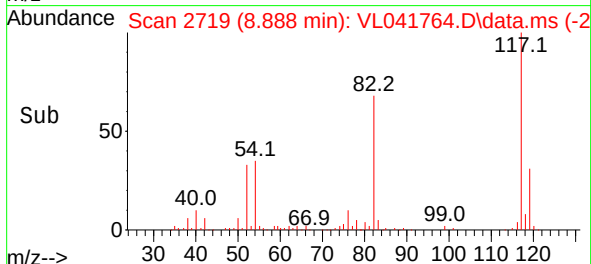
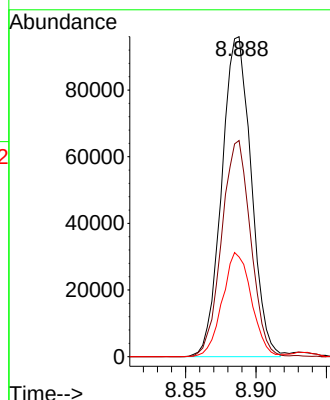
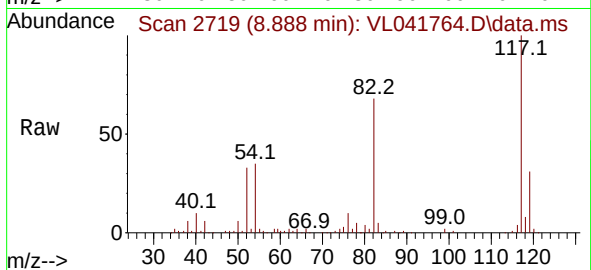
MDL 0.4

Tgt Ion:117 Resp: 139548
 Ion Ratio Lower Upper
 117 100
 82 66.8 53.8 80.8
 119 33.3 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 0.393 ppbv

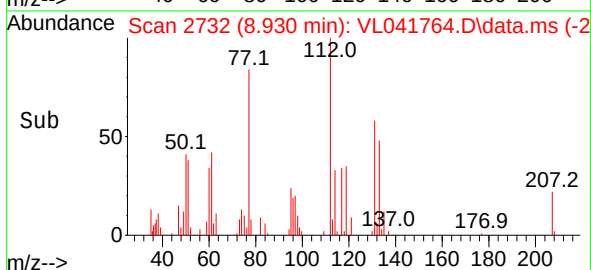
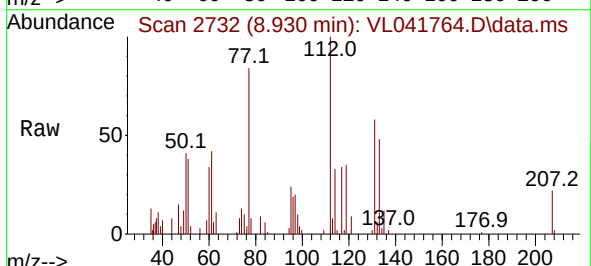
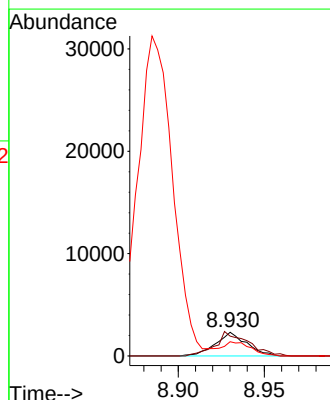
RT: 8.930 min Scan# 2732

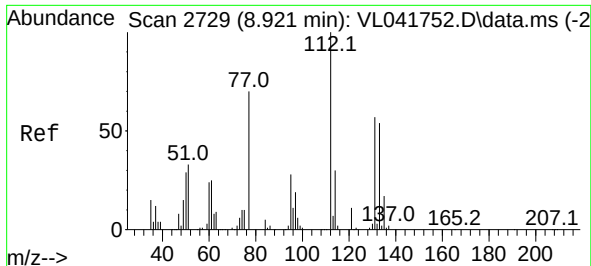
Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion:131 Resp: 2906
 Ion Ratio Lower Upper
 131 100
 133 108.3 76.8 115.2
 119 1602.0 49.0 73.6#





#57

Chlorobenzene

Concen: 0.446 ppbv

RT: 8.924 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

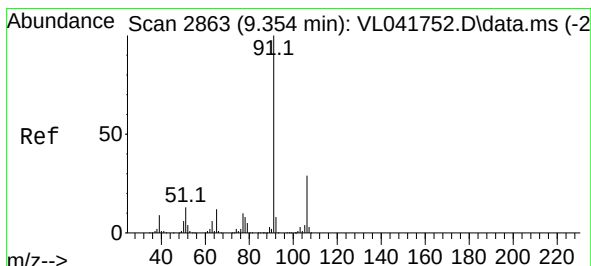
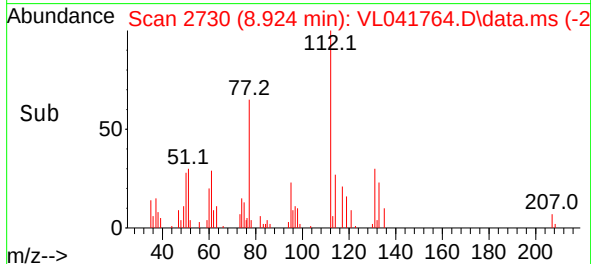
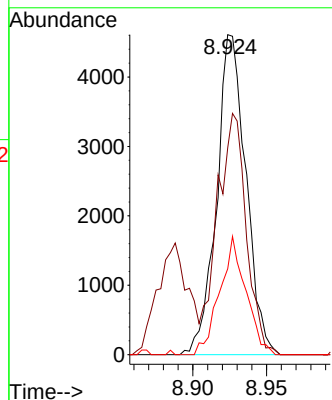
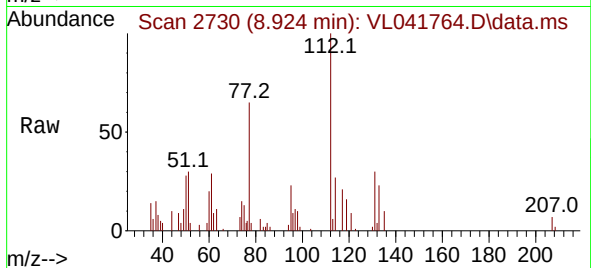
MDL 0.4

Tgt Ion:	112	Resp:	637
Ion Ratio	Lower	Upper	
112	100		
77	64.6	57.4	86.0
114	26.8	27.4	33.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58

Ethyl Benzene

Concen: 0.353 ppbv

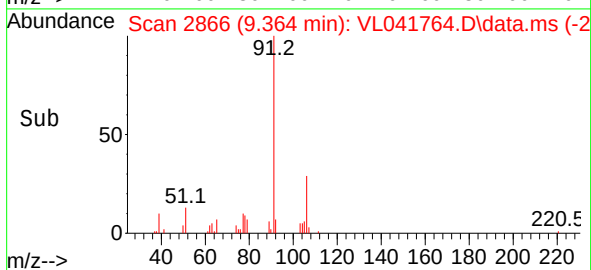
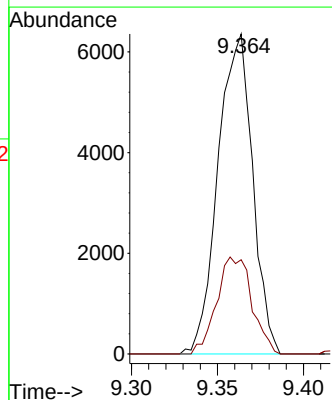
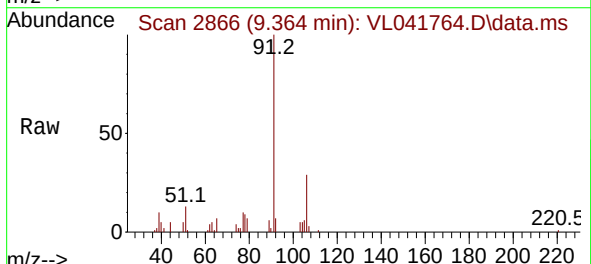
RT: 9.364 min Scan# 2866

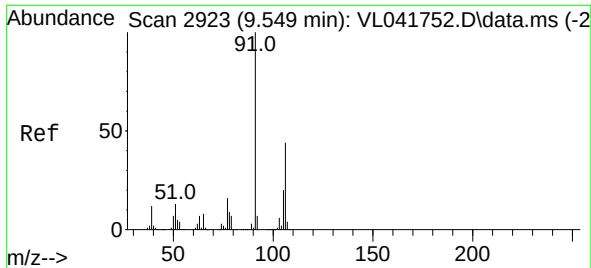
Delta R.T. 0.009 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion:	91	Resp:	8868
Ion Ratio	Lower	Upper	
91	100		
106	29.4	23.5	35.3





#59

m/p-Xylene

Concen: 0.709 ppbv m

RT: 9.539 min Scan# 2923

Delta R.T. -0.010 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

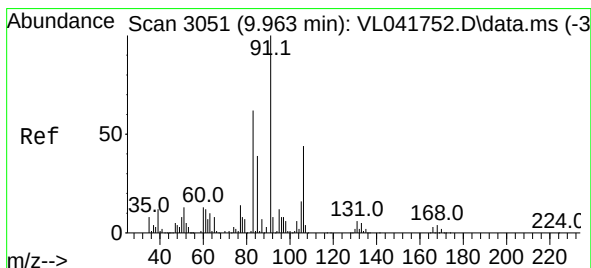
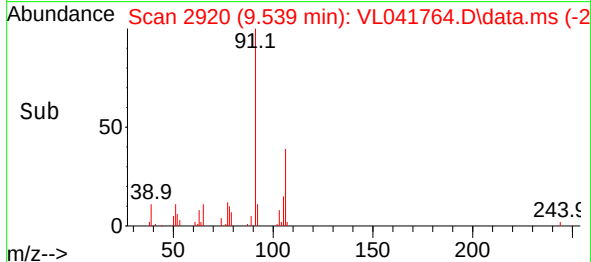
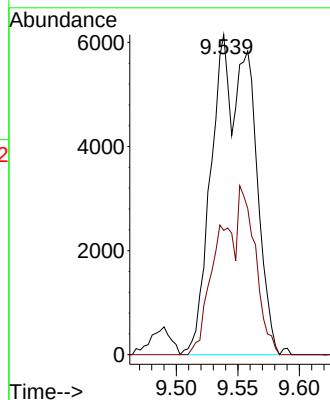
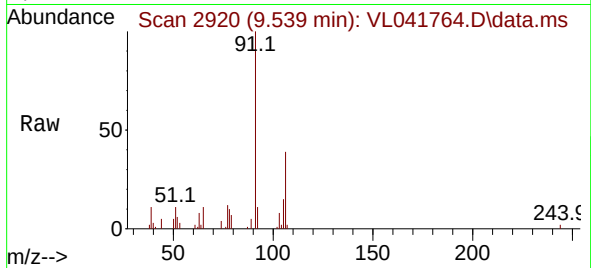
MDL 0.4

Tgt Ion: 91 Resp: 14315
 Ion Ratio Lower Upper
 91 100
 106 46.4 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#60

o-Xylene

Concen: 0.370 ppbv

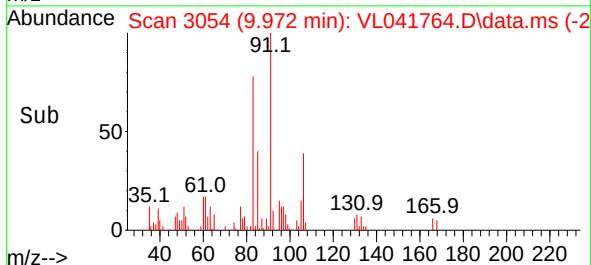
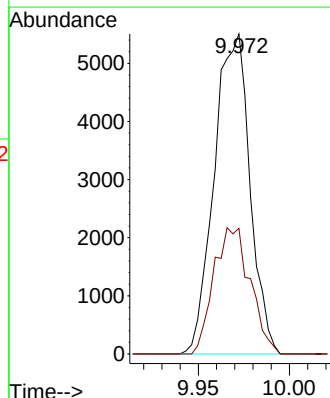
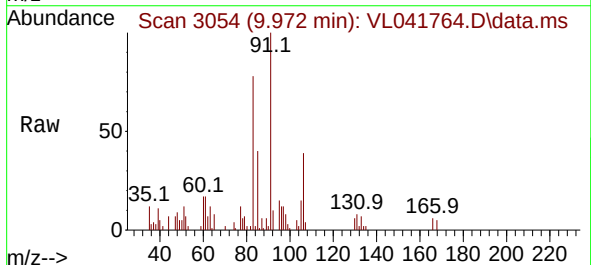
RT: 9.972 min Scan# 3054

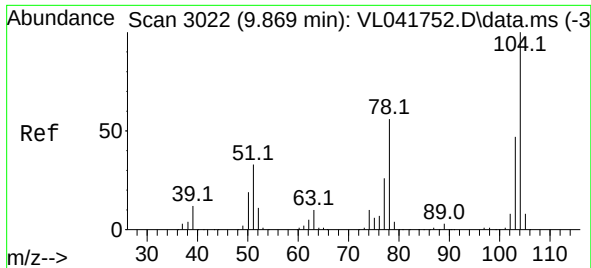
Delta R.T. 0.009 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion: 91 Resp: 7499
 Ion Ratio Lower Upper
 91 100
 106 40.4 21.1 63.4





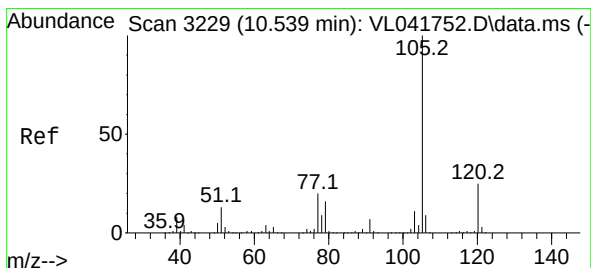
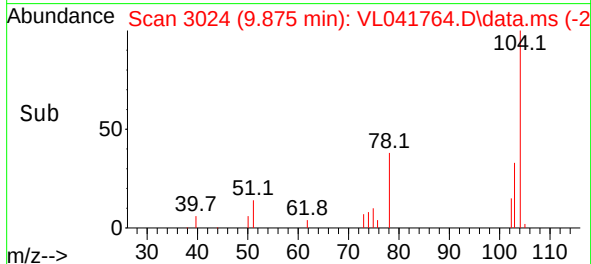
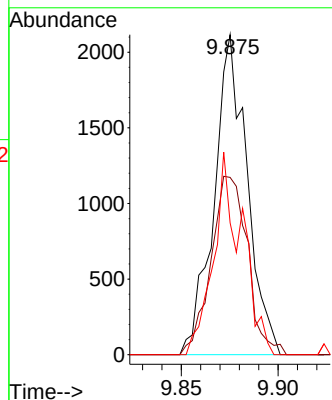
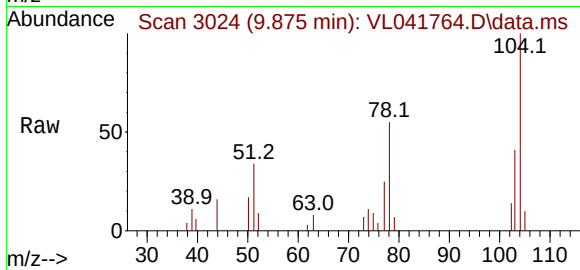
#61
Styrene
Concen: 0.286 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:104 Resp: 2500
Ion Ratio Lower Upper
104 100
78 61.7 43.8 65.6
103 54.7 37.8 56.6

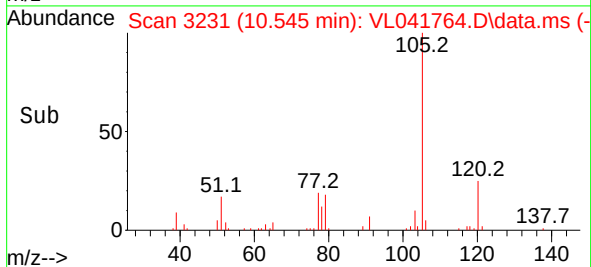
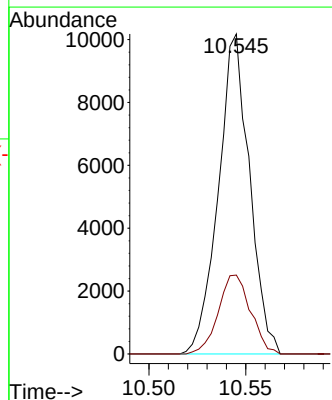
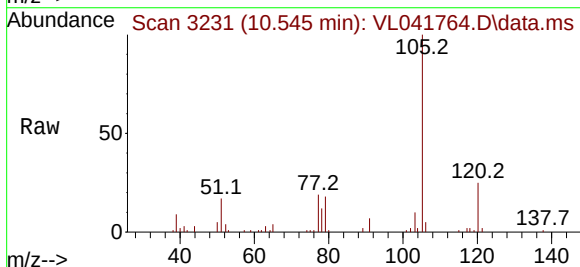
Manual Integrations
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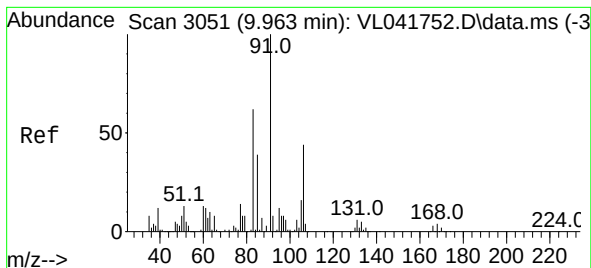
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#62
Isopropylbenzene
Concen: 0.374 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion:105 Resp: 11386
Ion Ratio Lower Upper
105 100
120 25.5 19.8 29.8





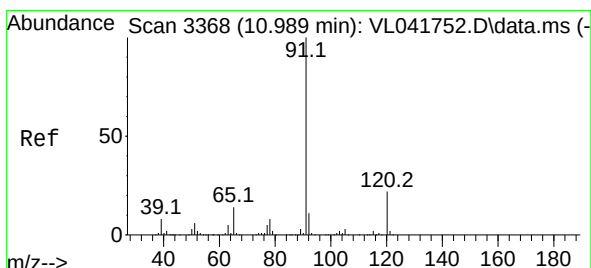
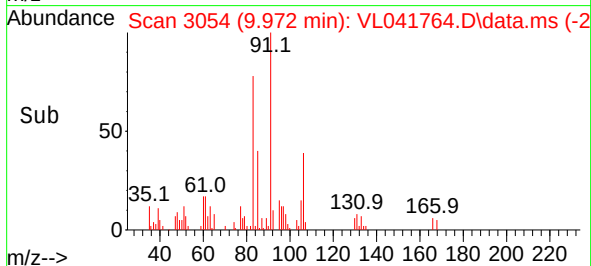
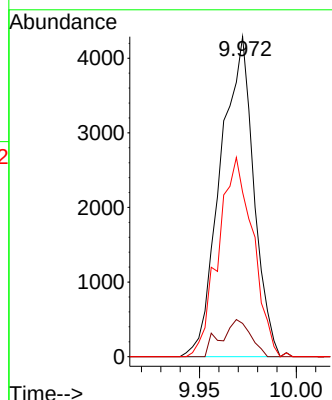
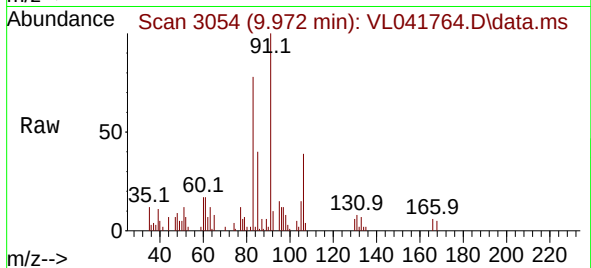
#63
1,1,2,2-Tetrachloroethane
Concen: 0.404 ppbv
RT: 9.972 min Scan# 3051
Delta R.T. 0.009 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Instrument : MSVOA_1
ClientSampleId :
MDL 0.4

Tgt Ion: 83 Resp: 5129
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 64.9 32.0 96.2

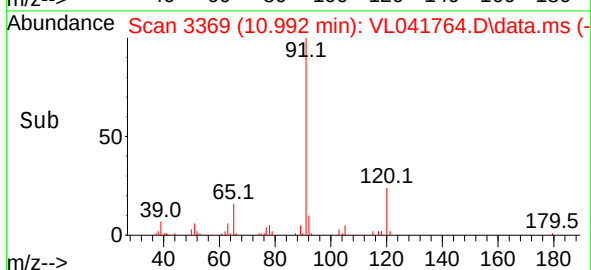
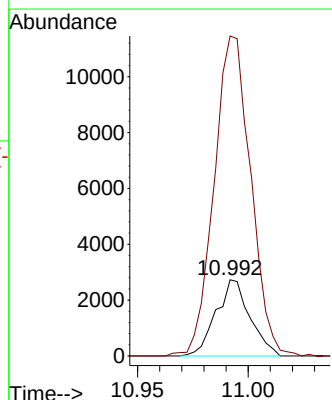
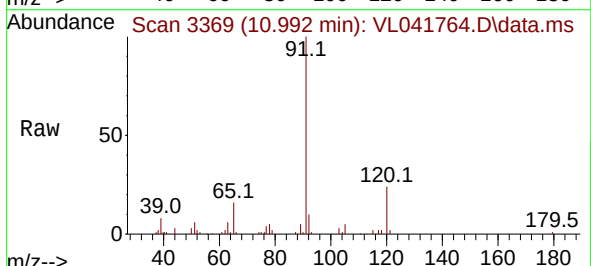
Manual Integrations
APPROVED

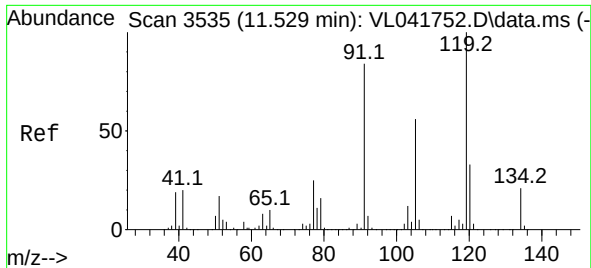
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
n-propylbenzene
Concen: 0.377 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion:120 Resp: 2900
Ion Ratio Lower Upper
120 100
91 455.0 387.3 580.9





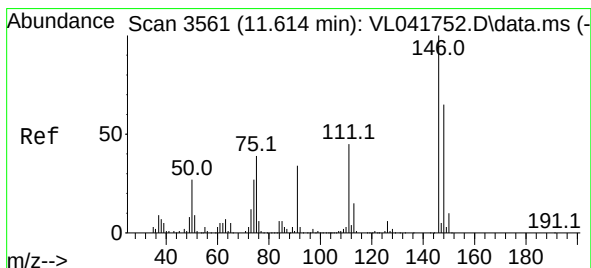
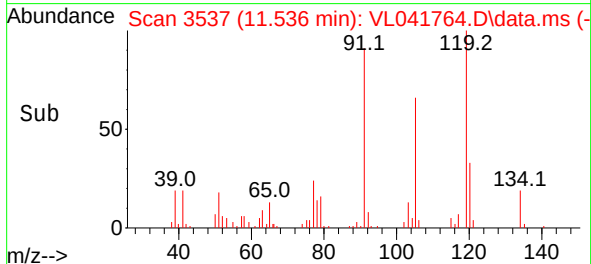
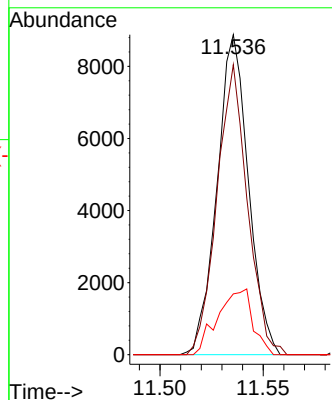
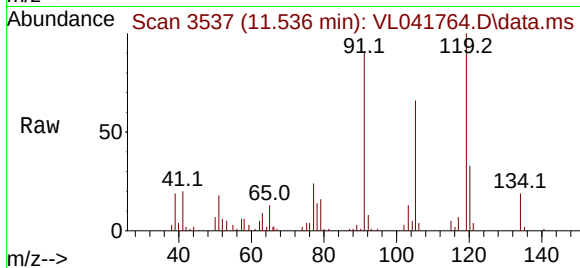
#65
tert-Butylbenzene
Concen: 0.342 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 119 Resp: 9394
Ion Ratio Lower Upper
119 100
91 87.9 67.0 100.4
134 22.7 16.5 24.7

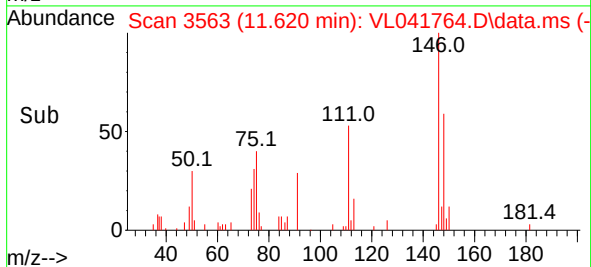
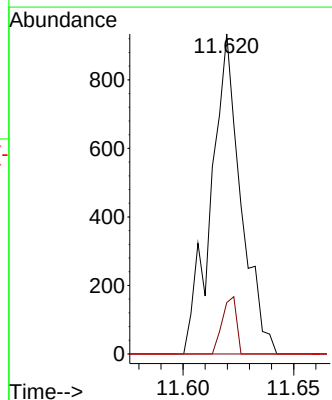
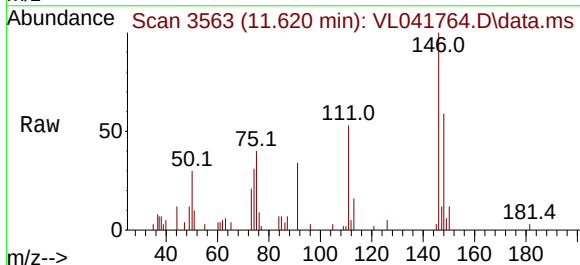
Manual Integrations
APPROVED

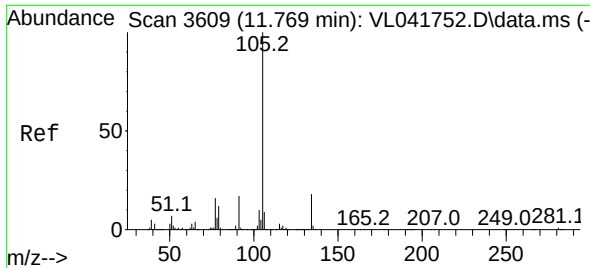
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
Benzyl Chloride
Concen: 0.363 ppbv m
RT: 11.620 min Scan# 3563
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

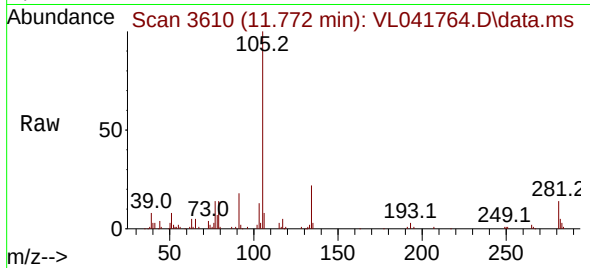
Tgt Ion: 91 Resp: 878
Ion Ratio Lower Upper
91 100
126 8.4 13.9 20.9#
128 0.0 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.362 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL041764.D
 Acq: 16 Dec 2024 22:23

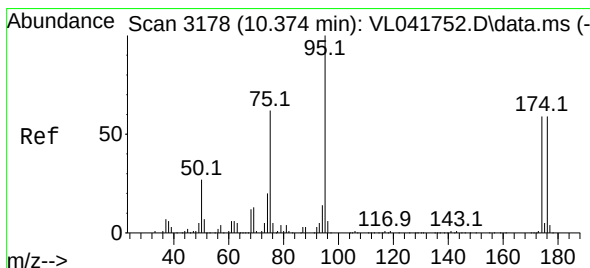
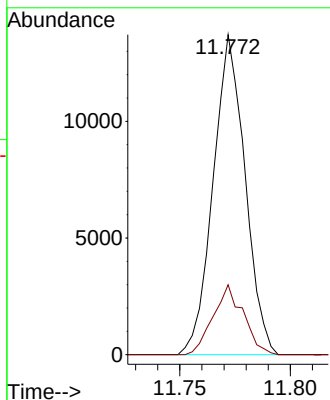
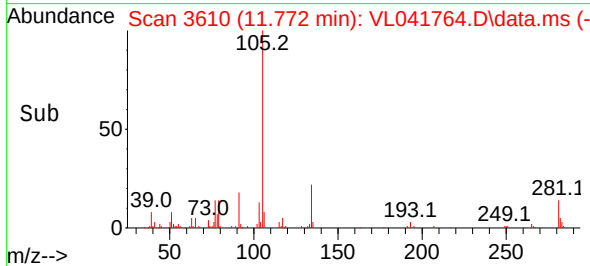
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



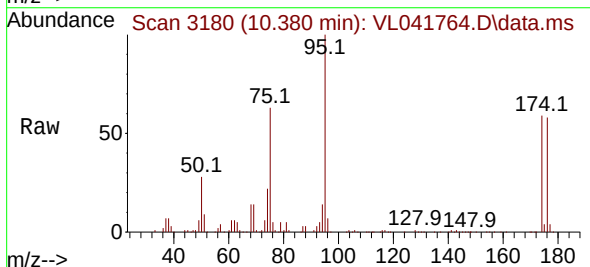
Tgt Ion: 105 Resp: 13740
 Ion Ratio Lower Upper
 105 100
 134 20.7 14.5 21.7

Manual Integrations
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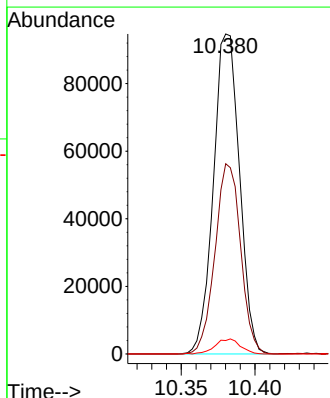
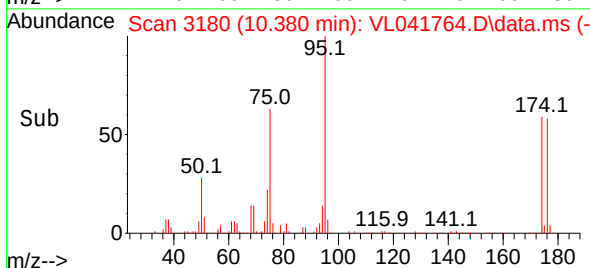
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

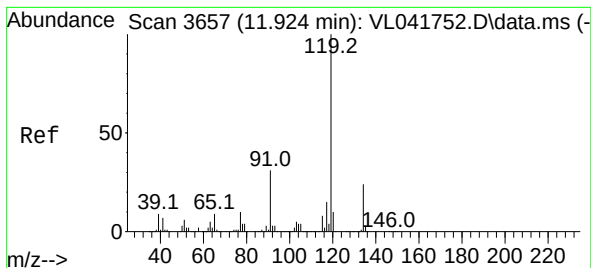


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.022 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.006 min
 Lab File: VL041764.D
 Acq: 16 Dec 2024 22:23



Tgt Ion: 95 Resp: 116542
 Ion Ratio Lower Upper
 95 100
 174 58.2 47.6 71.4
 175 4.5 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.333 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.009 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

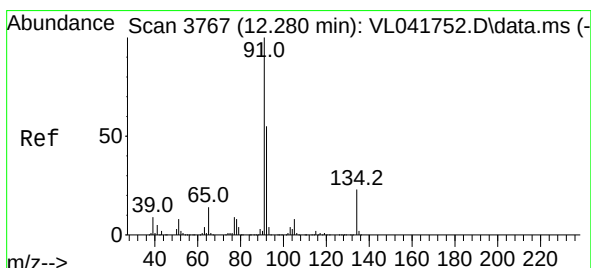
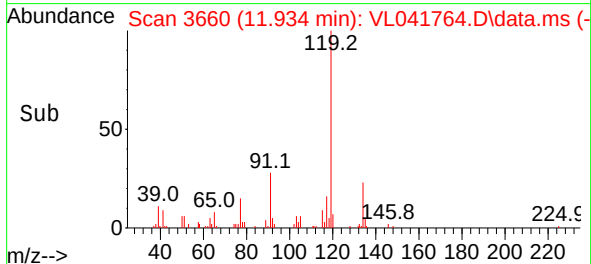
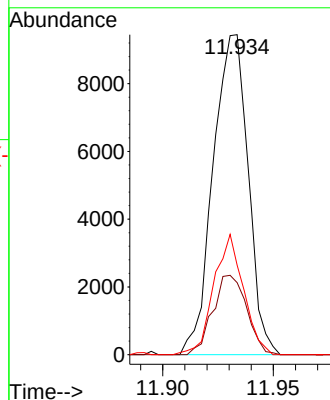
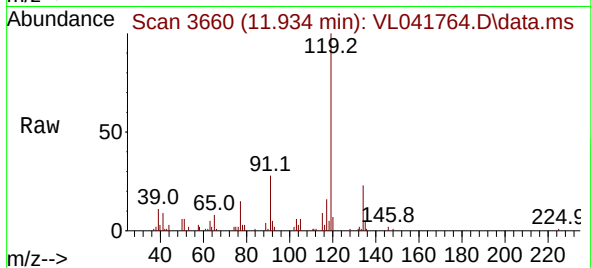
MDL 0.4

Tgt Ion:	119	Resp:	1041
Ion Ratio	Lower	Upper	
119	100		
134	24.0	19.6	29.4
91	32.0	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70

n-Butylbenzene

Concen: 0.327 ppbv

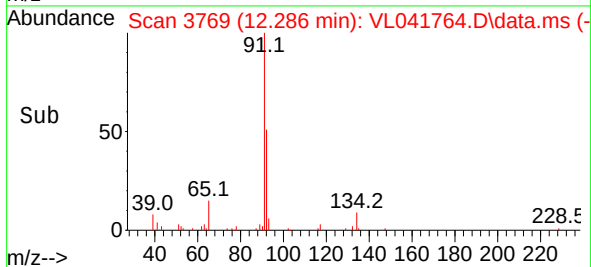
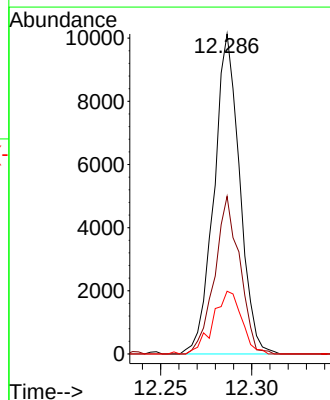
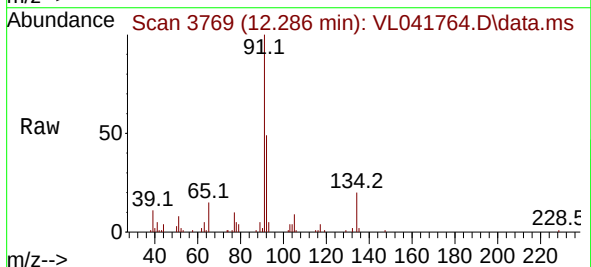
RT: 12.286 min Scan# 3769

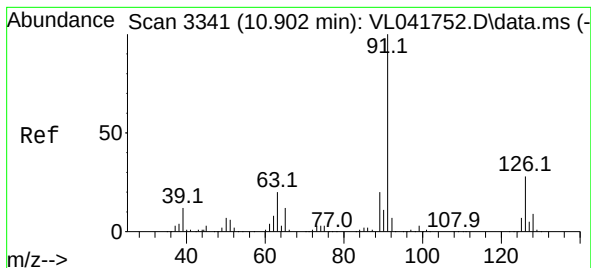
Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

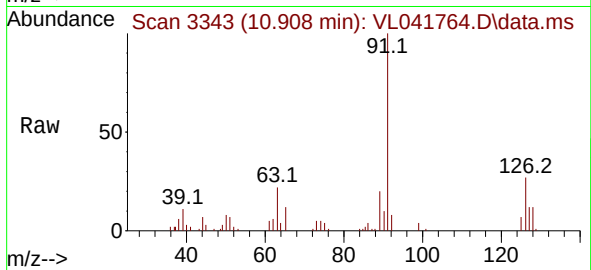
Tgt Ion:	91	Resp:	9906
Ion Ratio	Lower	Upper	
91	100		
92	48.2	43.2	64.8
134	21.9	18.2	27.4





#71
2-Chlorotoluene
Concen: 0.359 ppbv
RT: 10.908 min Scan# 3341
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

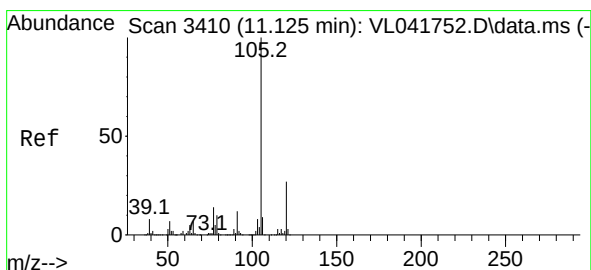
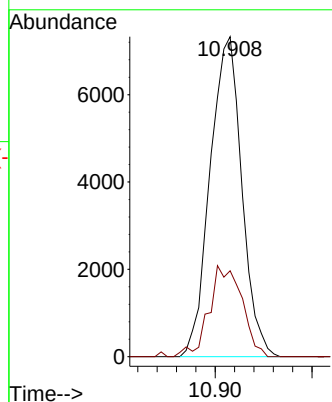
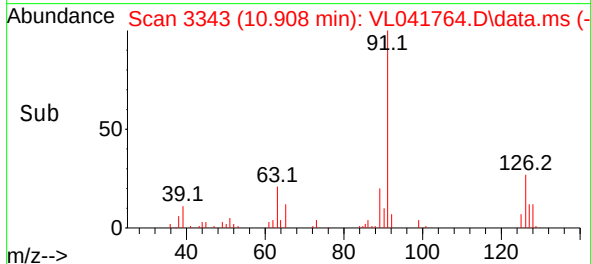
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 91 Resp: 8338
Ion Ratio Lower Upper
91 100
126 29.7 11.6 46.4

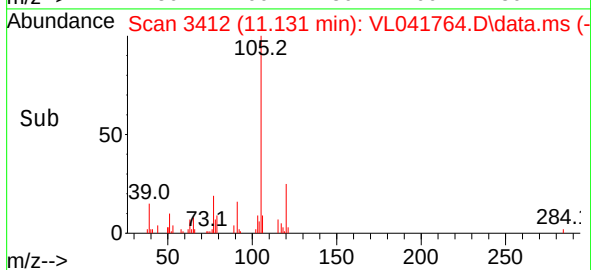
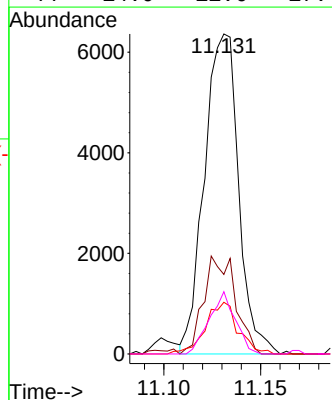
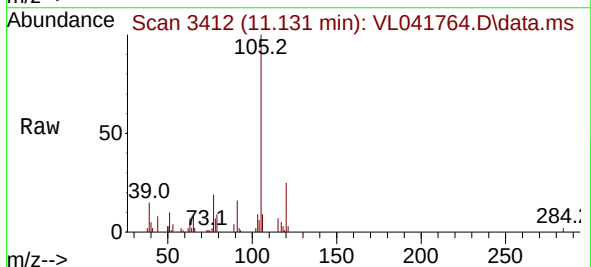
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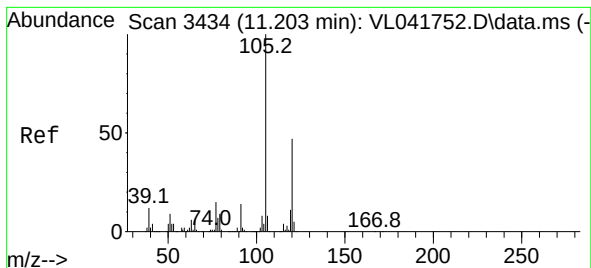
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#72
4-Ethyltoluene
Concen: 0.326 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Tgt Ion:105 Resp: 7801
Ion Ratio Lower Upper
105 100
120 29.3 23.3 34.9
91 15.4 10.9 16.3
77 14.9 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.345 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:105 Resp: 6852

Ion Ratio Lower Upper

105 100

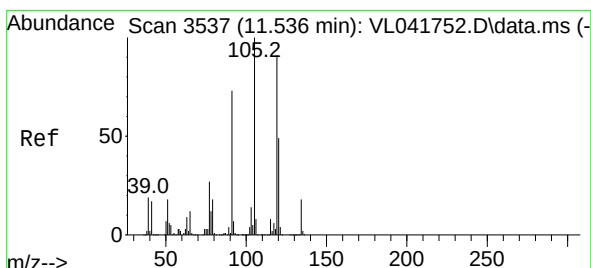
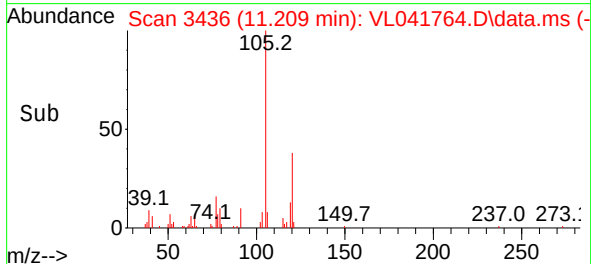
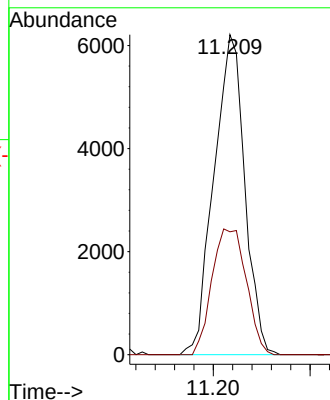
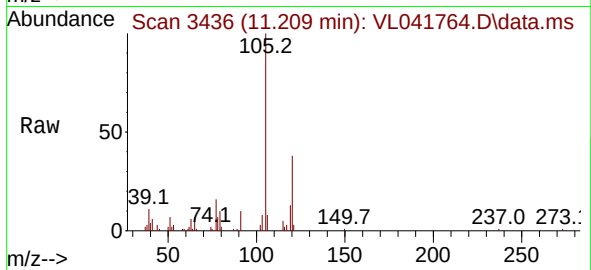
120 38.4 37.4 56.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.344 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion:105 Resp: 7340

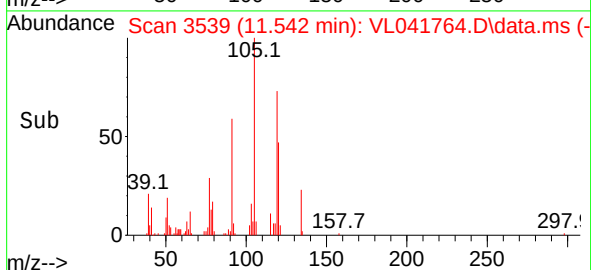
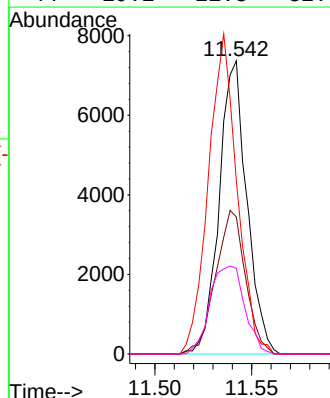
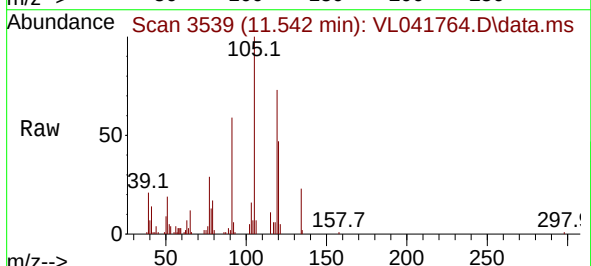
Ion Ratio Lower Upper

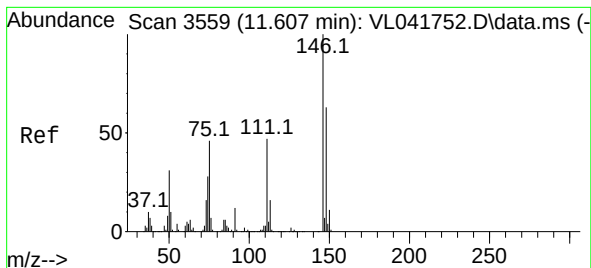
105 100

120 46.8 39.0 58.4

91 59.1 58.1 87.1

77 29.2 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 0.409 ppbv

RT: 11.613 min Scan# 3559

Delta R.T. 0.006 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Instrument :

MSVOA_L

ClientSampleId :

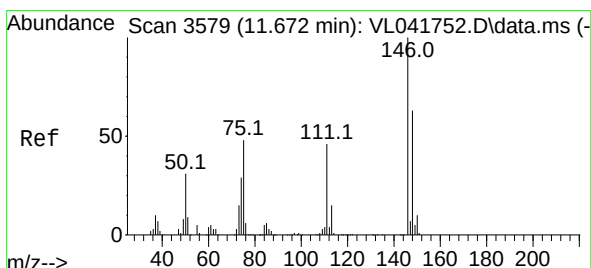
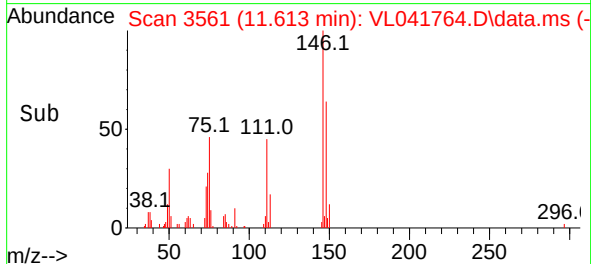
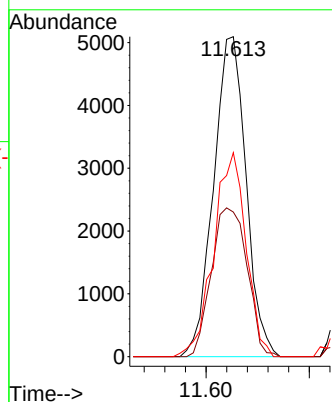
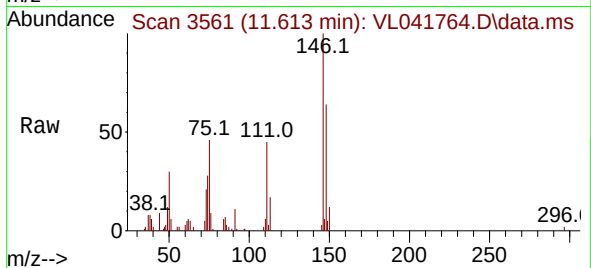
MDL 0.4

Tgt Ion:146	Resp:	5568
Ion Ratio	Lower	Upper
146	100	
111	51.2	23.4 70.3
148	63.4	31.6 95.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#76

1,4-Dichlorobenzene

Concen: 0.383 ppbv

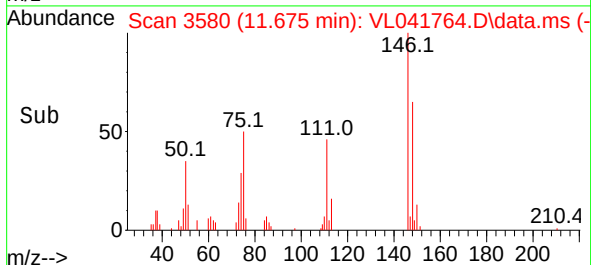
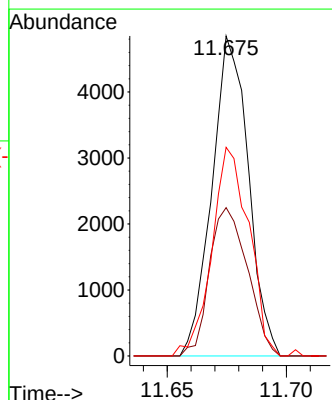
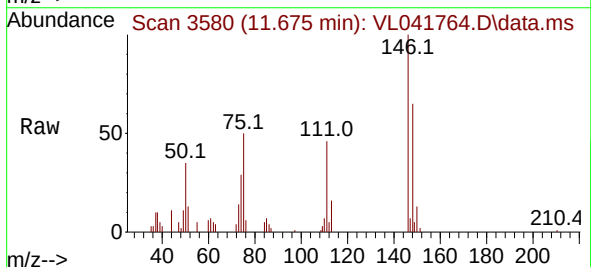
RT: 11.675 min Scan# 3580

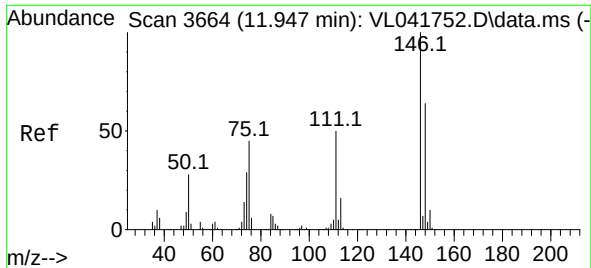
Delta R.T. 0.003 min

Lab File: VL041764.D

Acq: 16 Dec 2024 22:23

Tgt Ion:146	Resp:	5142
Ion Ratio	Lower	Upper
146	100	
111	48.6	22.7 68.1
148	66.9	31.4 94.0





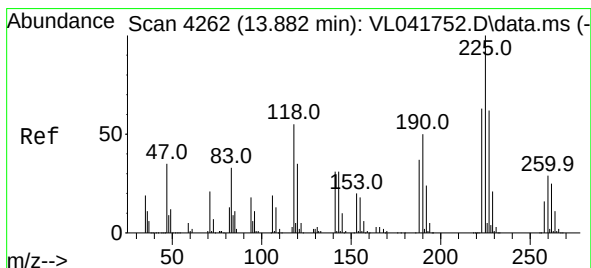
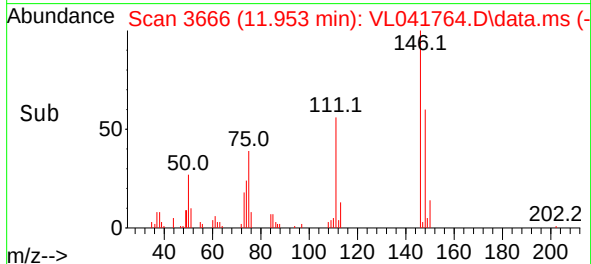
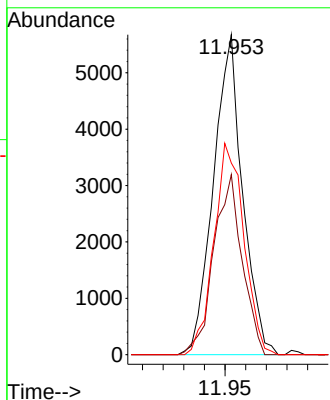
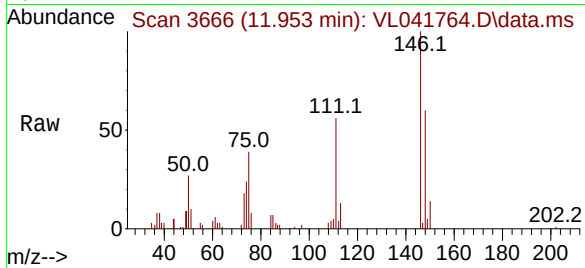
#77
1,2-Dichlorobenzene
Concen: 0.426 ppbv
RT: 11.953 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:146 Resp: 5570
Ion Ratio Lower Upper
146 100
111 54.7 24.8 74.3
148 67.8 31.8 95.4

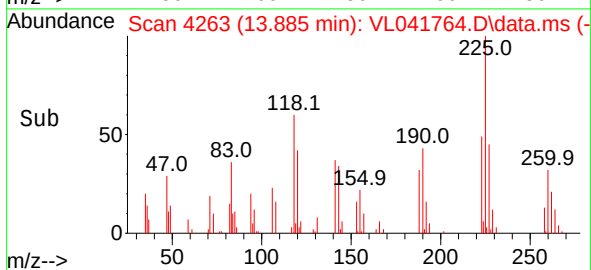
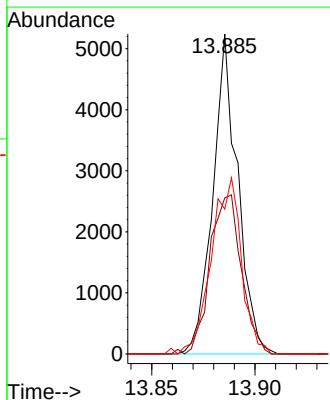
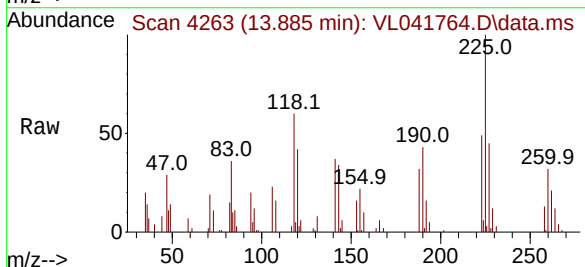
Manual Integrations
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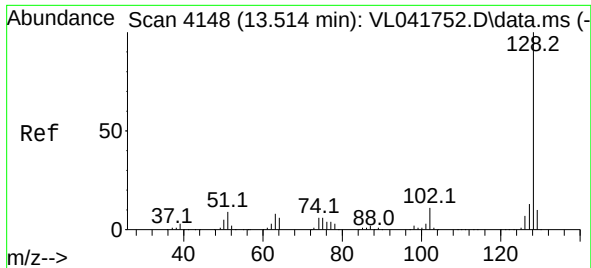
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.451 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

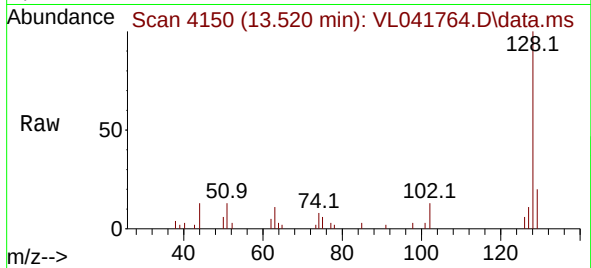
Tgt Ion:225 Resp: 4377
Ion Ratio Lower Upper
225 100
223 63.1 50.5 75.7
227 66.9 50.3 75.5





#79
Naphthalene
Concen: 0.251 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23

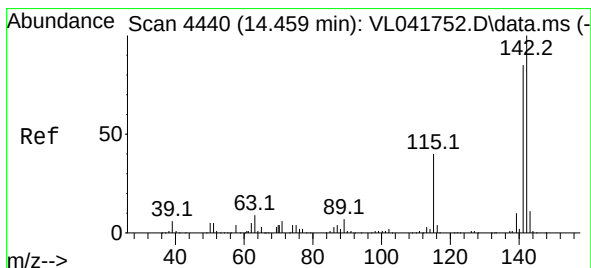
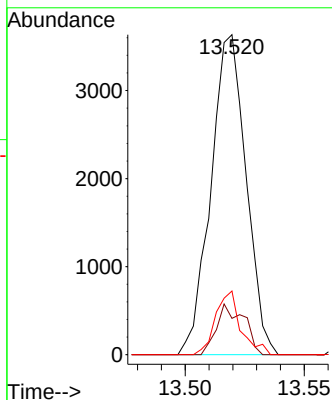
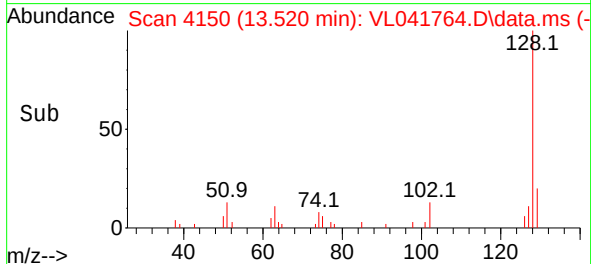
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



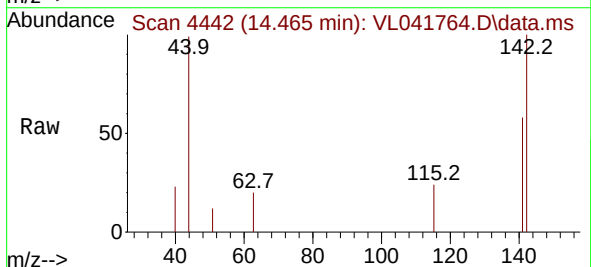
Tgt Ion:128 Resp: 3730
Ion Ratio Lower Upper
128 100
127 11.3 10.7 16.1
129 19.9 8.2 12.4

Manual Integrations
APPROVED

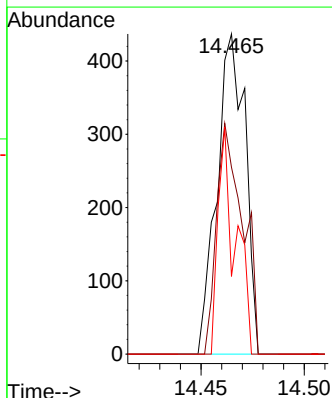
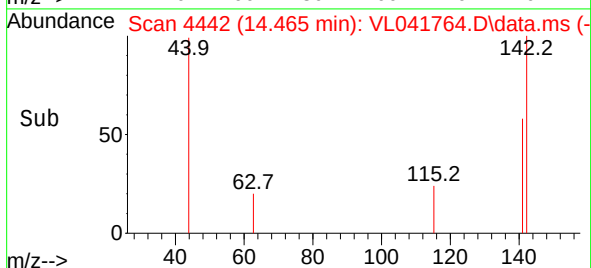
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

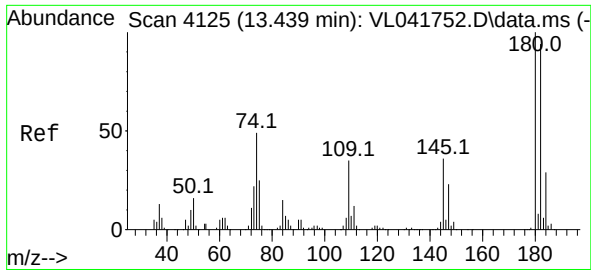


#80
Naphthalene,2-methyl-
Concen: 0.090 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL041764.D
Acq: 16 Dec 2024 22:23



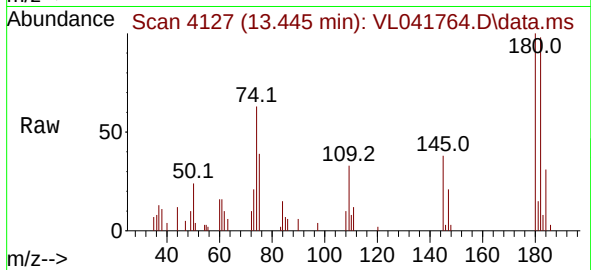
Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
141 66.9 68.4 102.6#
115 44.0 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 0.335 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041764.D
 Acq: 16 Dec 2024 22:23

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion:180 Resp: 2719
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.0 115.6
 184 32.0 23.8 35.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

