

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041792.D
 Acq On : 18 Dec 2024 13:30
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Quant Time: Dec 19 07:53:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/23/2024
 Supervised By : Mahesh Dadoda 12/23/2024

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

Internal Standards						
1) Bromochloromethane	2.790	49	69517	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	175551	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	149982	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	129651	10.373	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.700%	

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.499	85	5327	0.431	ppbv	100
3) Chlorodifluoromethane	1.476	51	4463	0.394	ppbv #	90
4) Chloromethane	1.534	50	2134	0.441	ppbv #	84
5) Vinyl Chloride	1.580	62	1990	0.408	ppbv	89
6) Bromomethane	1.670	94	919	0.399	ppbv	94
7) Chloroethane	1.706	64	827	0.437	ppbv	88
8) Dichlorotetrafluoroethane	1.554	85	4376	0.395	ppbv	94
9) Propene	1.486	41	1567	0.319	ppbv	95
10) Heptane	4.994	43	795	0.063	ppbv #	1
11) Trichlorofluoromethane	1.881	101	5547	0.422	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	4070	0.407	ppbv	98
13) Ethanol	1.722	45	428	1.052	ppbv #	53
14) Bromoethene	1.784	108	1272	0.377	ppbv #	93
15) Acetone	1.839	43	7254	0.536	ppbv	98
16) 1,3-Butadiene	1.609	39	2343	0.440	ppbv	93
17) tert-Butyl alcohol	2.046	59	5000	0.373	ppbv	95
18) 1,1-Dichloroethene	2.036	96	1691	0.404	ppbv #	69
19) Isopropyl Alcohol	1.887	45	3774	0.465	ppbv #	41
20) Methylene Chloride	2.062	84	2130	0.552	ppbv	96
21) Allyl Chloride	2.098	41	2799	0.382	ppbv	86
22) trans-1,2-Dichloroethene	2.726	96	1777	0.371	ppbv	86
23) Vinyl Acetate	2.460	43	1748	0.278	ppbv #	87
24) 1,1-Dichloroethane	2.412	63	4096	0.422	ppbv	97
25) Ethyl Acetate	2.845	43	7220	0.287	ppbv #	97
26) Hexane	2.826	57	1599	0.167	ppbv #	1
27) Carbon Disulfide	2.156	76	2178	0.253	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2648	0.342	ppbv	93
29) Chloroform	2.852	83	5937	0.408	ppbv	97
30) Cyclohexane	3.868	84	837	0.103	ppbv #	1
31) cis-1,2-Dichloroethene	2.344	61	3624	0.367	ppbv	94
32) 1,1,1-Trichloroethane	3.376	97	4884	0.330	ppbv	93
34) 2-Butanone	2.564	43	4896	0.347	ppbv	99
35) Carbon Tetrachloride	3.765	117	2403	0.193	ppbv	89
36) Benzene	3.661	78	5491	0.302	ppbv #	90
37) 1,2-Dichloroethane	3.221	62	4884	0.432	ppbv	98
38) Trichloroethene	4.554	130	1315	0.171	ppbv	91
39) 1,2-Dichloropropane	4.321	63	2280	0.347	ppbv #	77
40) 1,4-Dioxane	4.609	88	280	0.087	ppbv #	20
41) Tetrahydrofuran	3.072	42	1788	0.226	ppbv #	91
42) Bromodichloromethane	4.493	83	2098	0.161	ppbv #	82
43) Methyl Methacrylate	4.891	69	880	0.127	ppbv #	11
44) 2,2,4-Trimethylpentane	4.648	57	4764	0.154	ppbv #	33
45) t-1,3-Dichloropropene	6.415	75	637	0.089	ppbv	100

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 MDL 0.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 19 07:53:45 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	759	0.084	ppbv	89
47) 1,1,2-Trichloroethane	6.590	97	435	0.063	ppbv #	29
48) Dibromochloromethane	7.393	129	1726	0.184	ppbv	56
49) Bromoform	9.497	173	556	0.073	ppbv #	28
50) 4-Methyl-2-Pentanone	5.778	43	3923	0.204	ppbv	95
51) 2-Hexanone	7.458	43	3050	0.196	ppbv #	96
52) Tetrachloroethene	8.238	164	950	0.141	ppbv	90
53) Toluene	6.940	91	3469	0.168	ppbv #	69
54) 1,2-Dibromoethane	7.658	107	2668	0.282	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.937	131	3161	0.398	ppbv #	1
57) Chlorobenzene	8.933	112	6429	0.419	ppbv #	89
58) Ethyl Benzene	9.361	91	5789	0.214	ppbv	96
59) m/p-Xylene	9.555	91	3921	0.181	ppbv #	100
60) o-Xylene	9.969	91	4585	0.211	ppbv	97
61) Styrene	9.875	104	1818	0.193	ppbv	92
62) Isopropylbenzene	10.545	105	8515	0.260	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	5038	0.370	ppbv	98
64) n-propylbenzene	10.995	120	1852	0.224	ppbv	95
65) tert-Butylbenzene	11.536	119	6166	0.209	ppbv	99
66) Benzyl Chloride	11.617	91	697	0.268	ppbv #	80
67) sec-Butylbenzene	11.775	105	9417	0.231	ppbv	96
69) p-Isopropyltoluene	11.931	119	6695	0.199	ppbv	94
70) n-Butylbenzene	12.287	91	6317	0.194	ppbv	98
71) 2-Chlorotoluene	10.908	91	5650	0.226	ppbv	92
72) 4-Ethyltoluene	11.131	105	4955	0.193	ppbv #	95
73) 1,3,5-Trimethylbenzene	11.209	105	4408	0.207	ppbv	93
74) 1,2,4-Trimethylbenzene	11.542	105	4624	0.202	ppbv #	89
75) 1,3-Dichlorobenzene	11.613	146	4916	0.336	ppbv	96
76) 1,4-Dichlorobenzene	11.678	146	4344	0.301	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	4825	0.343	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	3653	0.350	ppbv	95
79) Naphthalene	13.520	128	2064	0.129	ppbv #	86
80) Naphthalene,2-methyl-	14.465	142	239	0.048	ppbv #	88
81) 1,2,4-Trichlorobenzene	13.442	180	1477	0.169	ppbv #	95

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

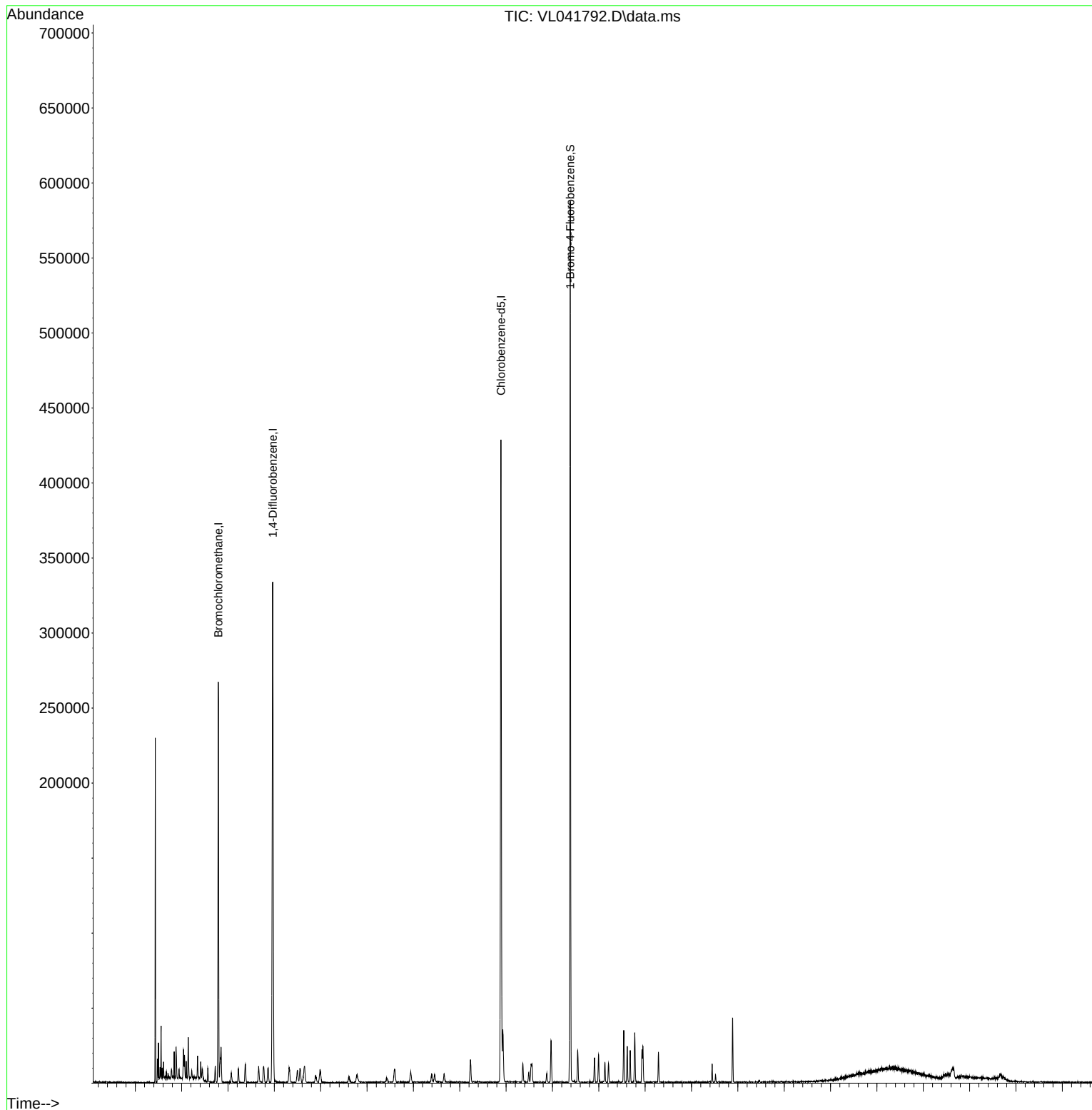
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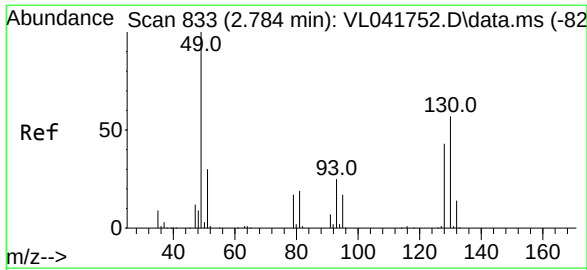
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

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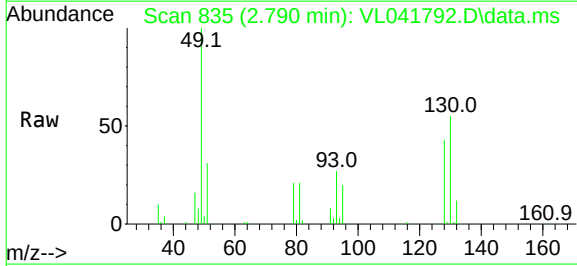
Reviewed By : Semsettin Yesilyurt 12/23/2024
Supervised By : Mahesh Dadoda 12/23/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

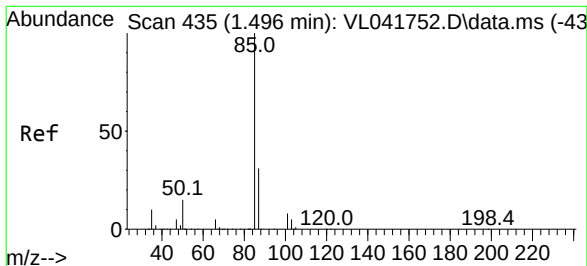
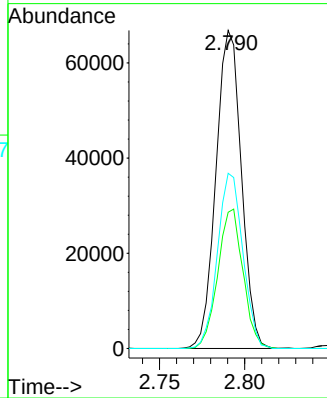
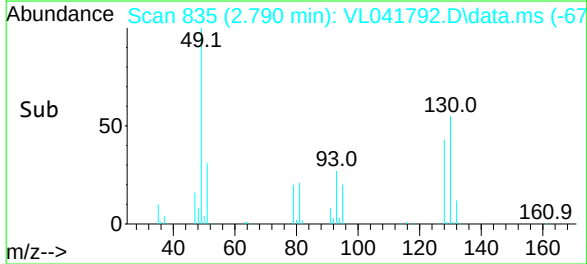
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 49 Resp: 69517
Ion Ratio Lower Upper
49 100
128 43.4 21.6 64.6
130 54.8 28.3 85.0

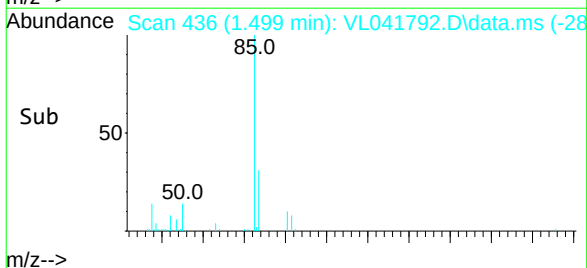
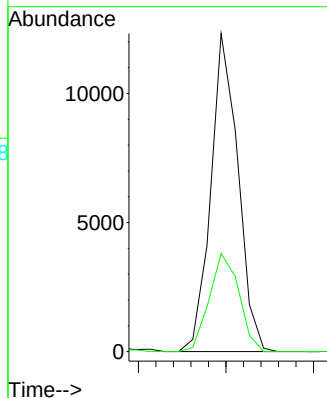
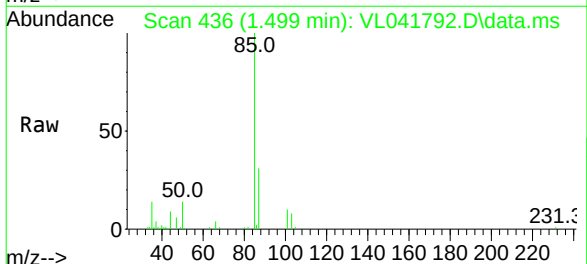
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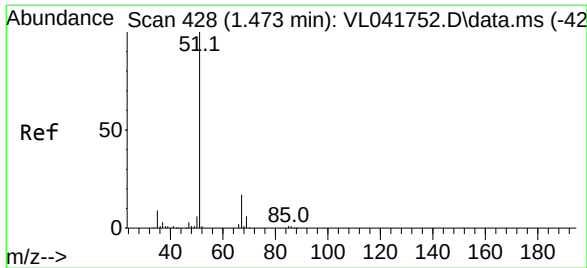
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#2
Dichlorodifluoromethane
Concen: 0.431 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion: 85 Resp: 5327
Ion Ratio Lower Upper
85 100
87 30.8 24.5 36.7





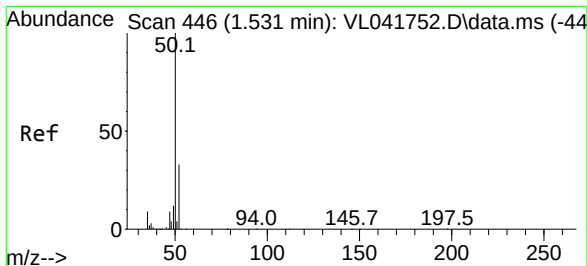
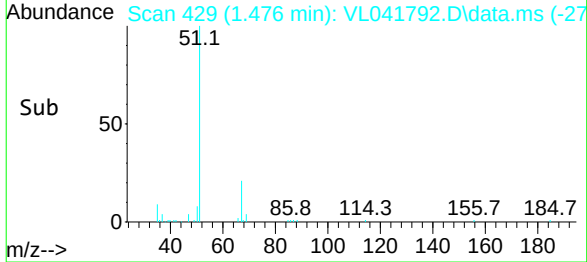
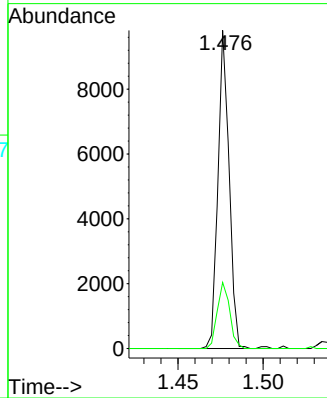
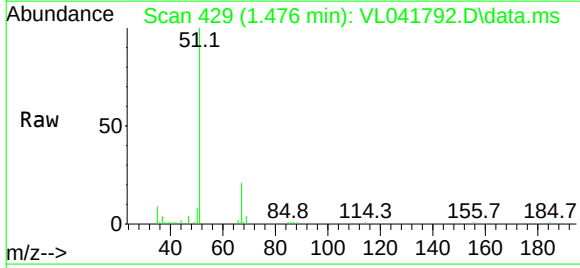
#3
Chlorodifluoromethane
Concen: 0.394 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 51 Resp: 4463
Ion Ratio Lower Upper
51 100
67 23.1 15.0 22.4#

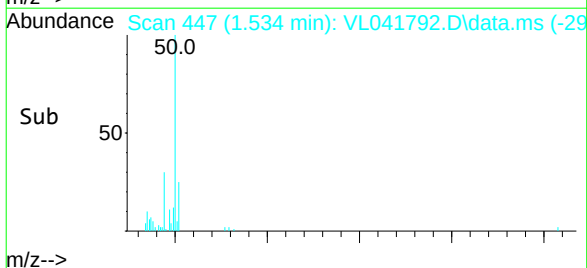
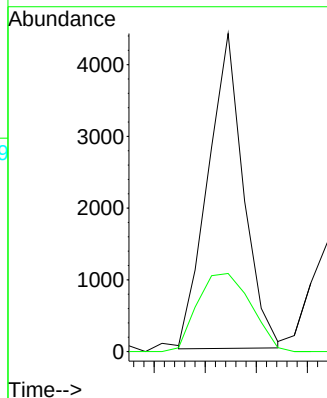
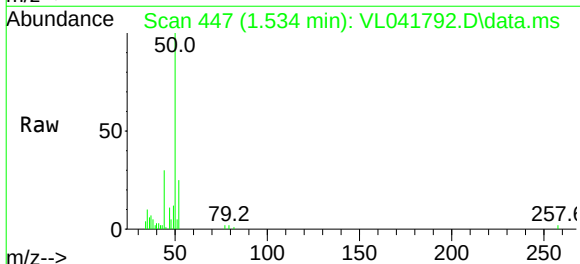
Manual Integrations
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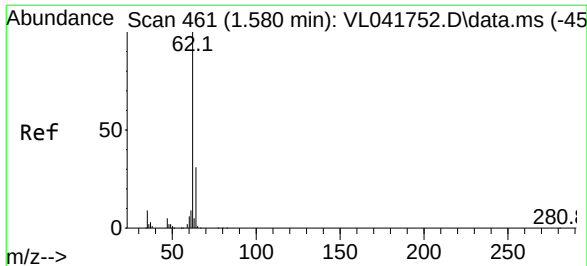
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#4
Chloromethane
Concen: 0.441 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

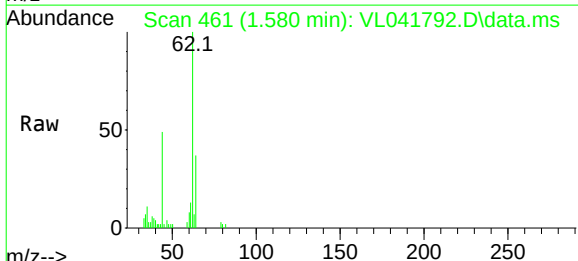
Tgt Ion: 50 Resp: 2134
Ion Ratio Lower Upper
50 100
52 23.8 26.2 39.2#





#5
 Vinyl Chloride
 Concen: 0.408 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041792.D
 Acq: 18 Dec 2024 13:30

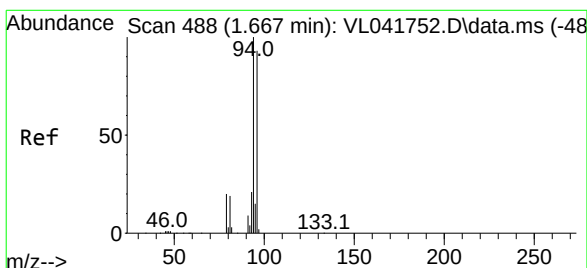
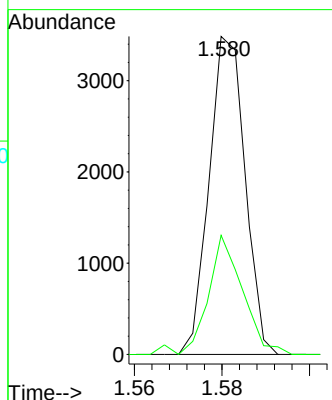
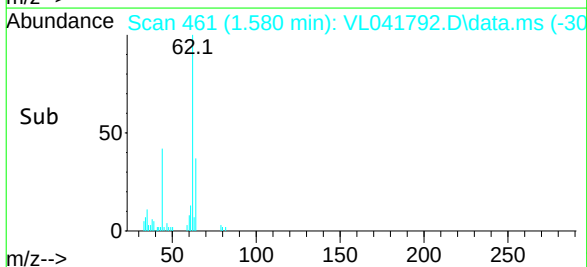
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 62 Resp: 1990
 Ion Ratio Lower Upper
 62 100
 64 37.4 25.1 37.7

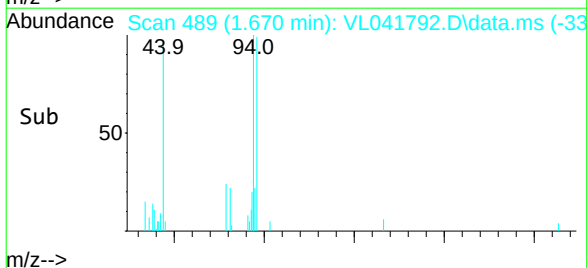
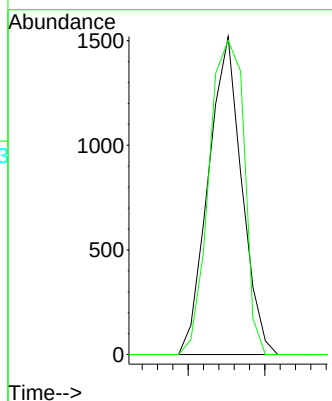
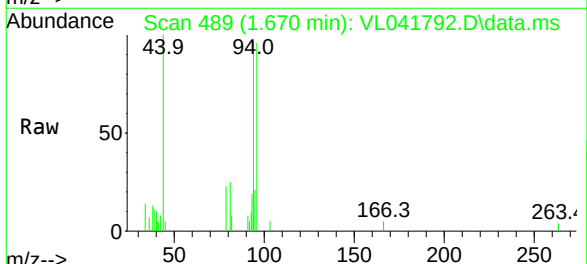
Manual Integrations
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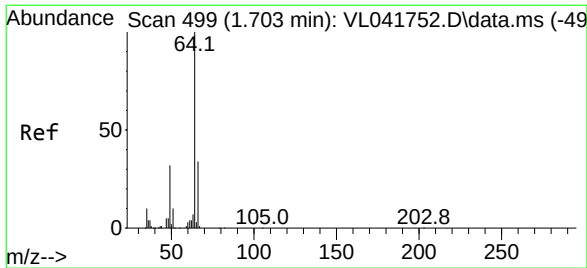
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#6
 Bromomethane
 Concen: 0.399 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL041792.D
 Acq: 18 Dec 2024 13:30

Tgt Ion: 94 Resp: 919
 Ion Ratio Lower Upper
 94 100
 96 98.8 74.7 112.1





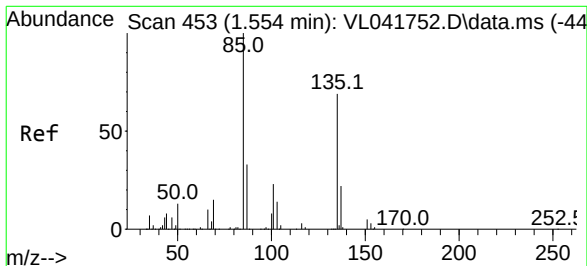
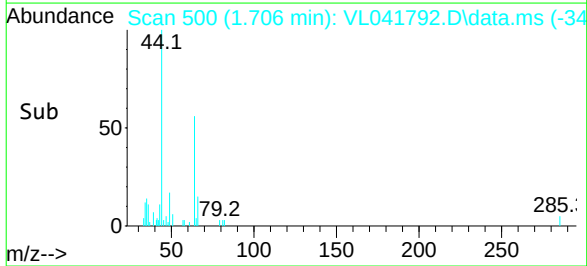
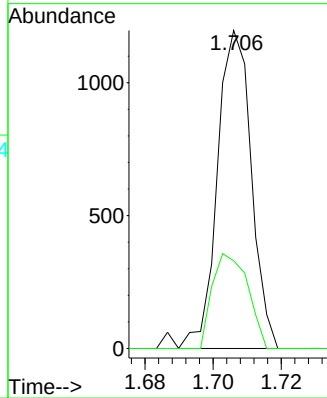
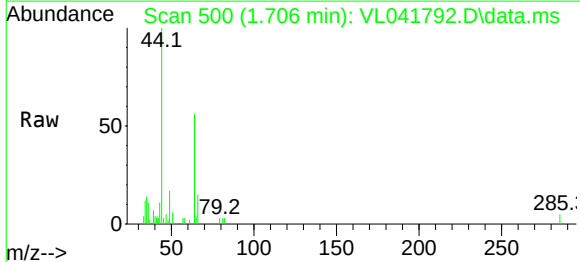
#7
Chloroethane
Concen: 0.437 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 27.6 27.5 41.3

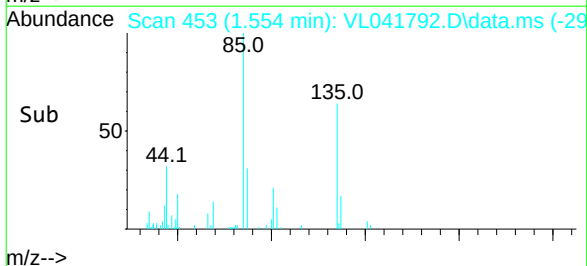
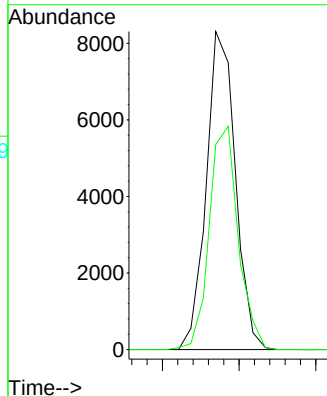
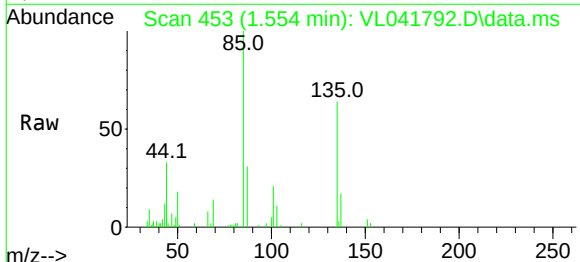
Manual Integrations
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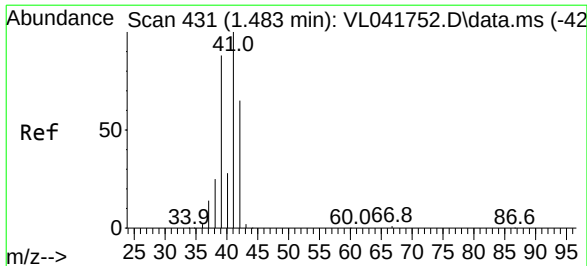
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#8
Dichlorotetrafluoroethane
Concen: 0.395 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

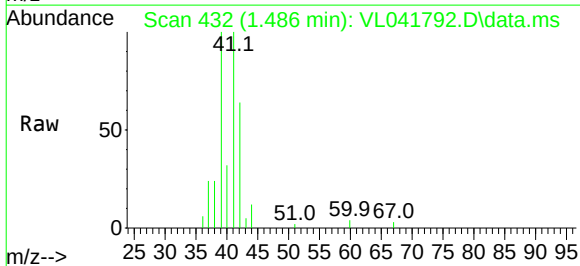
Tgt Ion: 85 Resp: 4376
Ion Ratio Lower Upper
85 100
135 69.9 51.9 77.9





#9
 Propene
 Concen: 0.319 ppbv
 RT: 1.486 min Scan# 431
 Delta R.T. 0.003 min
 Lab File: VL041792.D
 Acq: 18 Dec 2024 13:30

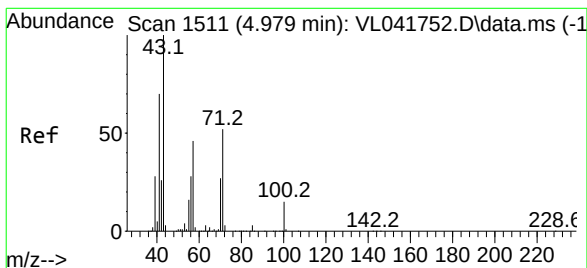
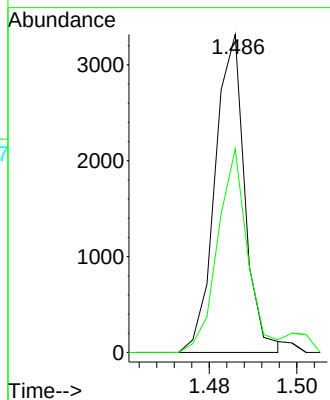
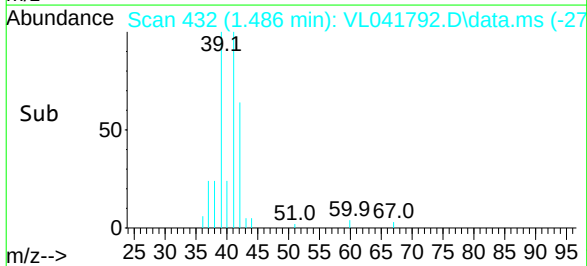
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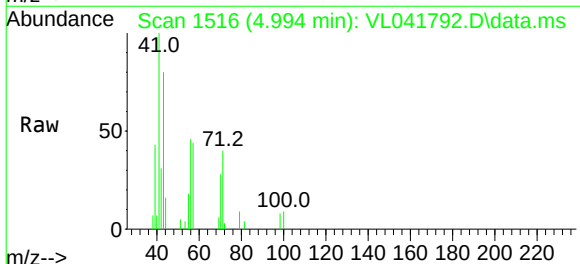
Tgt Ion: 41 Resp: 1567
 Ion Ratio Lower Upper
 41 100
 42 69.8 52.4 78.6

Manual Integrations
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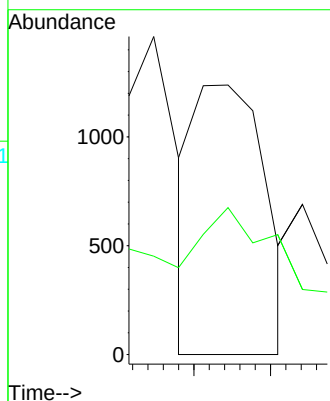
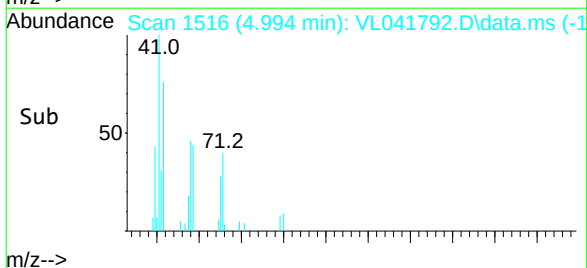
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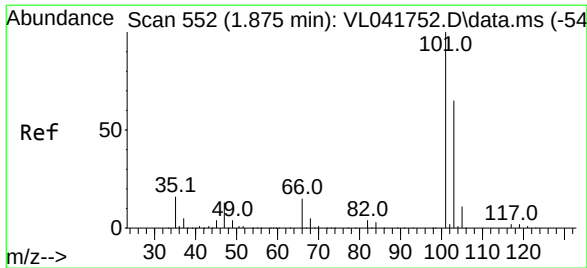


#10
 Heptane
 Concen: 0.063 ppbv
 RT: 4.994 min Scan# 1516
 Delta R.T. 0.016 min
 Lab File: VL041792.D
 Acq: 18 Dec 2024 13:30



Tgt Ion: 43 Resp: 795
 Ion Ratio Lower Upper
 43 100
 57 169.4 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.422 ppbv

RT: 1.881 min Scan# 552

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

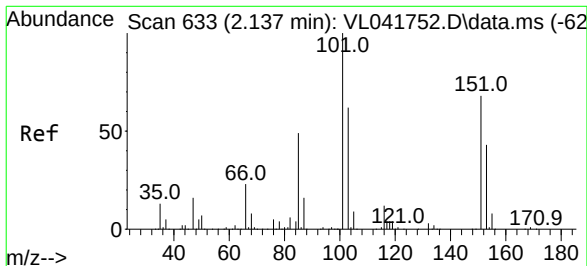
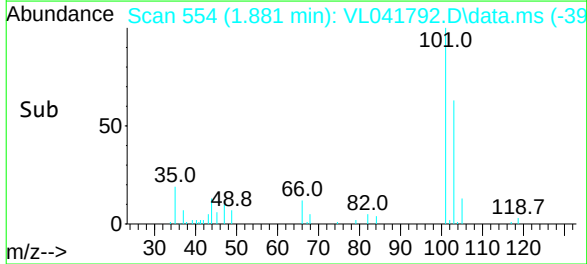
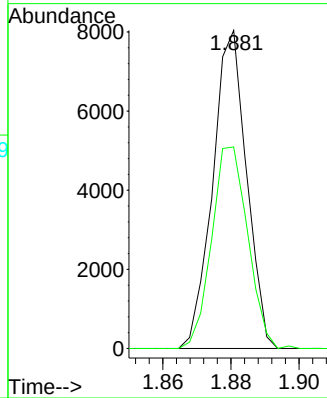
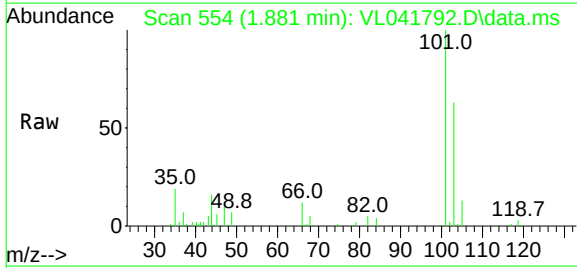
MDL 0.4

Tgt Ion:101 Resp: 5547
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.407 ppbv

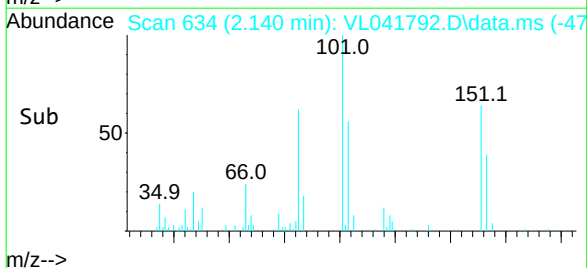
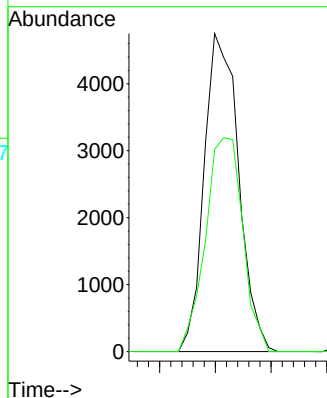
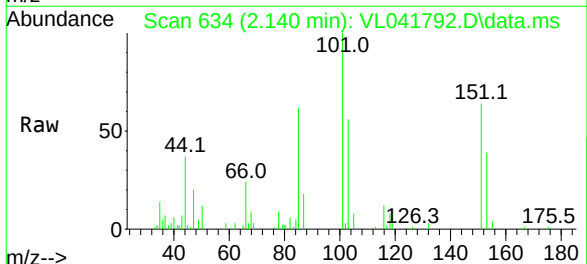
RT: 2.140 min Scan# 634

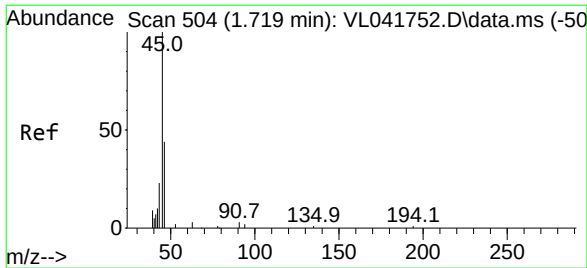
Delta R.T. 0.003 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt Ion:101 Resp: 4070
 Ion Ratio Lower Upper
 101 100
 151 73.0 56.8 85.2





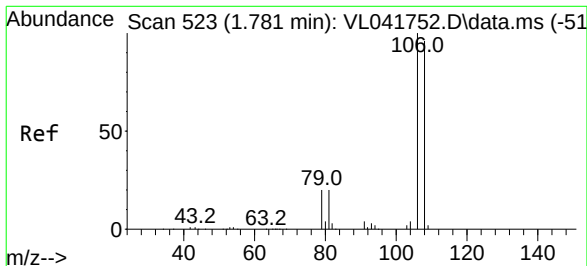
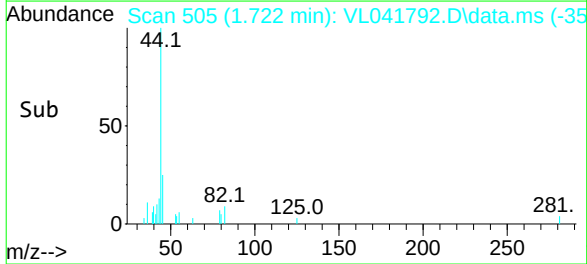
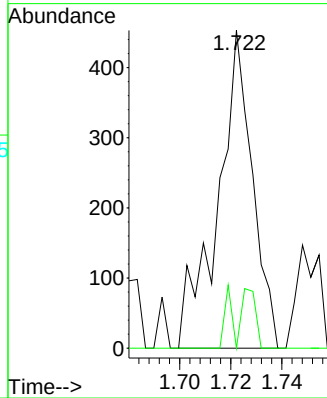
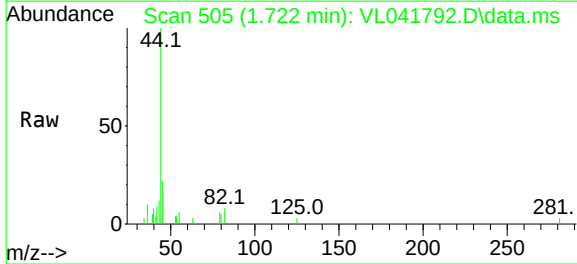
#13
Ethanol
Concen: 1.052 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 45 Resp: 428
Ion Ratio Lower Upper
45 100
46 11.7 16.4 65.8#

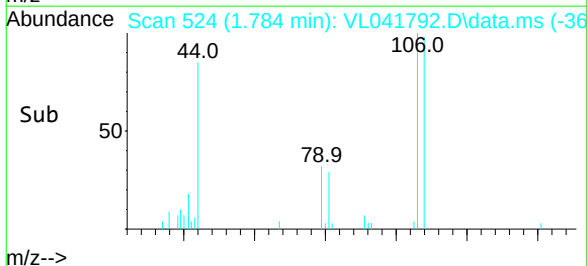
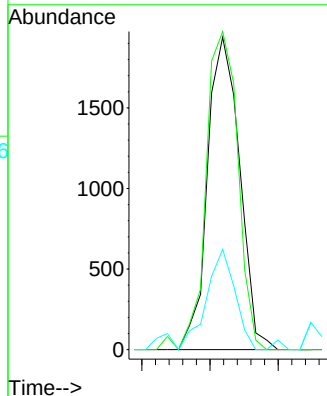
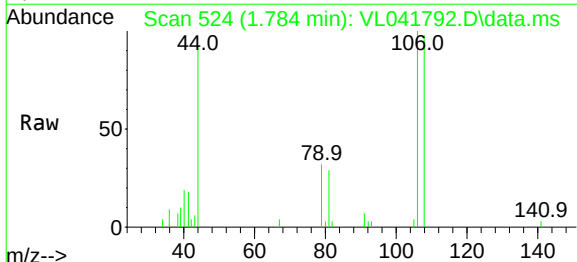
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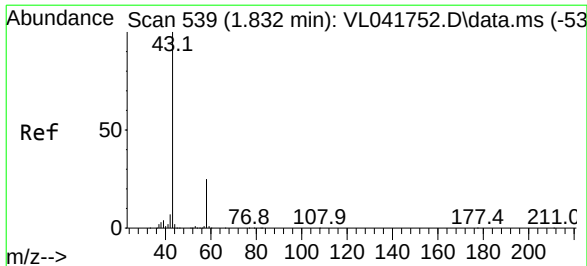
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#14
Bromoethene
Concen: 0.377 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

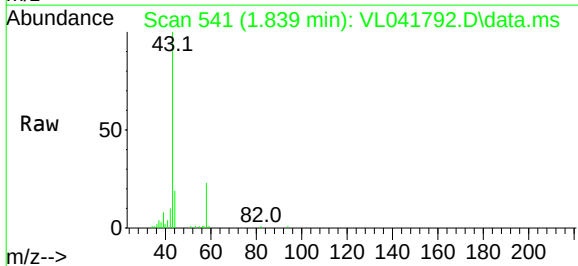
Tgt Ion:108 Resp: 1272
Ion Ratio Lower Upper
108 100
106 100.6 84.1 126.1
79 32.1 17.4 26.0#





#15
Acetone
Concen: 0.536 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

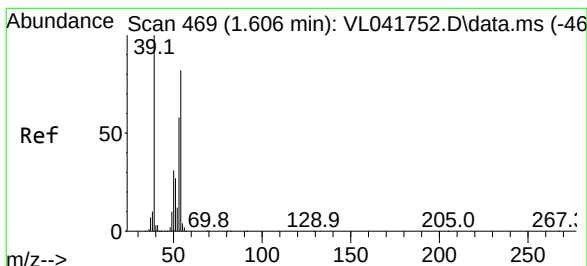
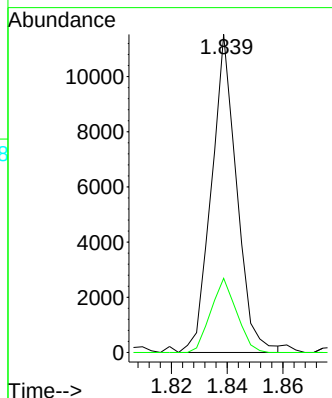
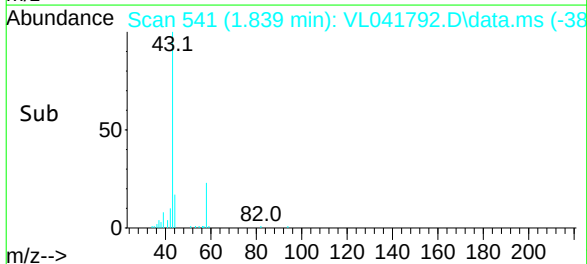
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 7254
Ion Ratio Lower Upper
43 100
58 23.8 19.7 29.5

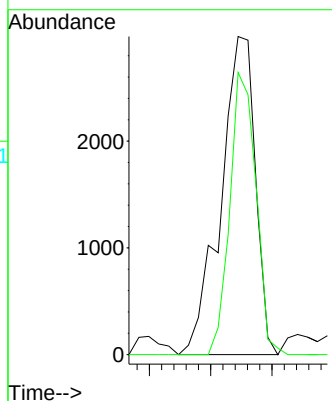
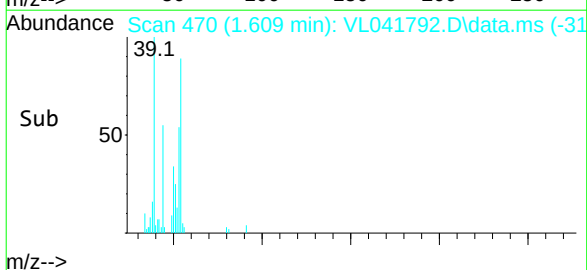
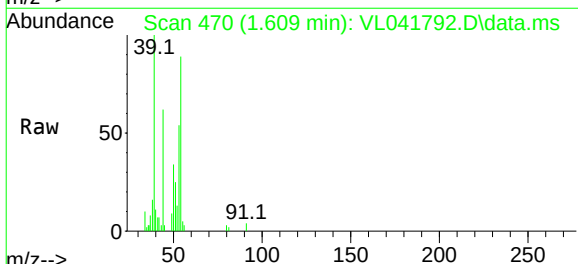
Manual Integrations
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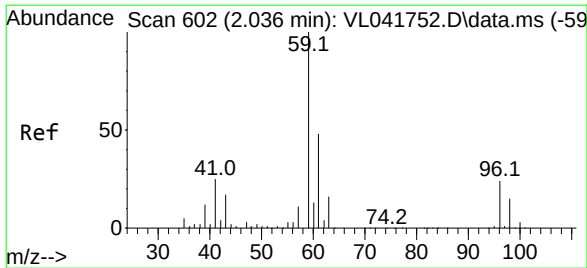
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#16
1,3-Butadiene
Concen: 0.440 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion: 39 Resp: 2343
Ion Ratio Lower Upper
39 100
54 66.8 58.4 87.6





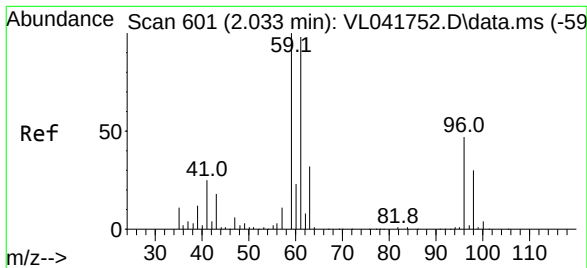
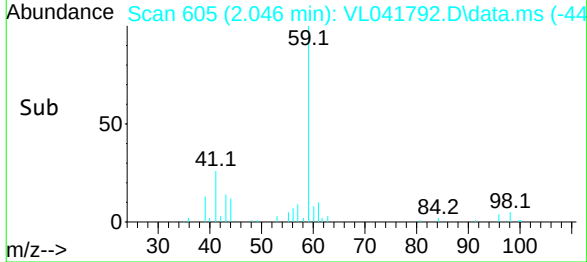
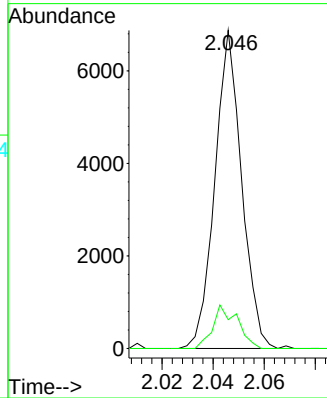
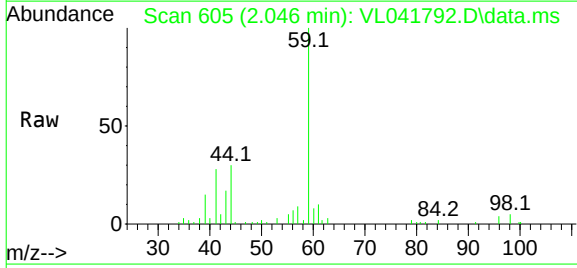
#17
tert-Butyl alcohol
Concen: 0.373 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.010 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 59 Resp: 5000
Ion Ratio Lower Upper
59 100
57 12.6 8.6 13.0

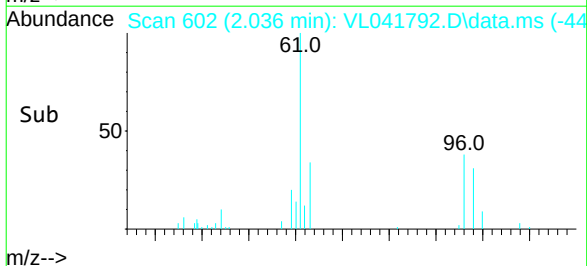
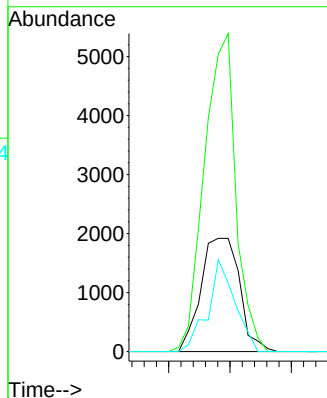
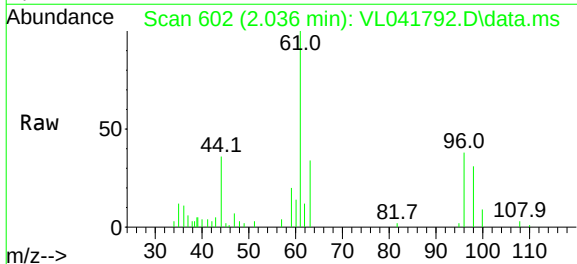
Manual Integrations
APPROVED

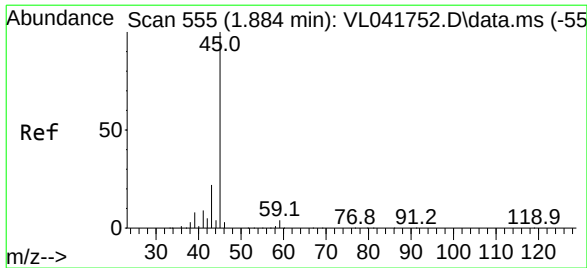
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#18
1,1-Dichloroethene
Concen: 0.404 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

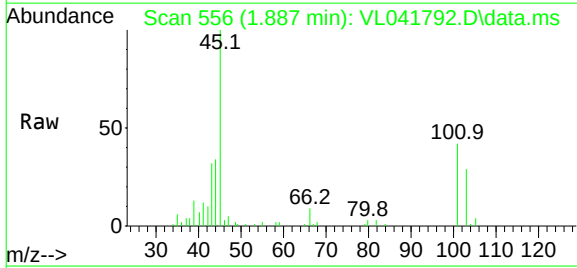
Tgt Ion: 96 Resp: 1691
Ion Ratio Lower Upper
96 100
61 262.7 167.7 251.5#
98 81.1 51.1 76.7#





#19
Isopropyl Alcohol
Concen: 0.465 ppbv
RT: 1.887 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

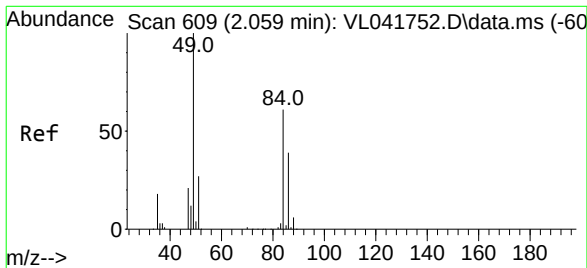
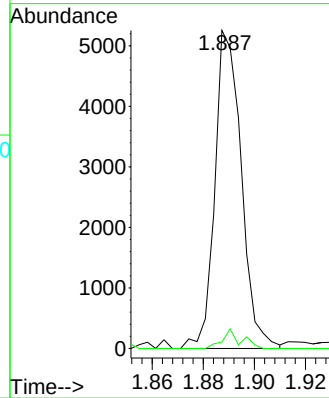
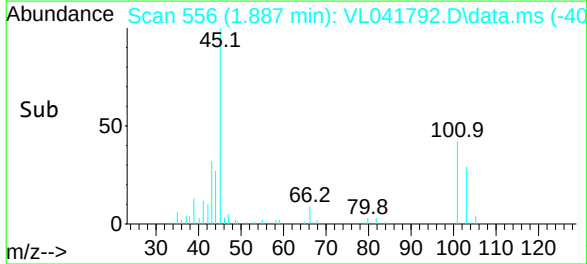
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 45 Resp: 3774
Ion Ratio Lower Upper
45 100
58 4.2 33.3 49.9

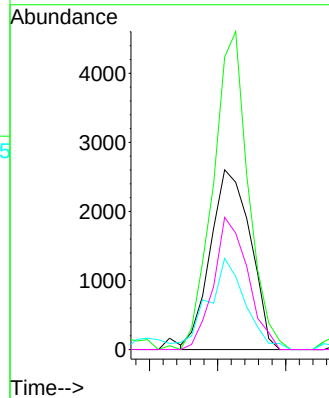
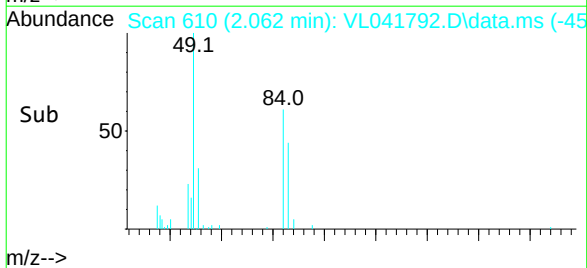
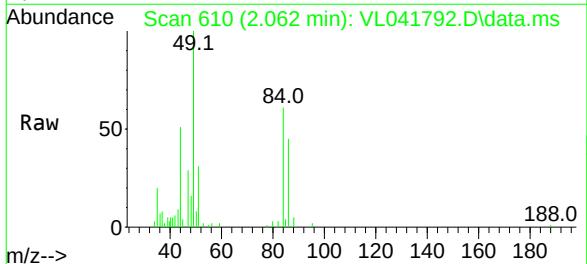
Manual Integrations
APPROVED

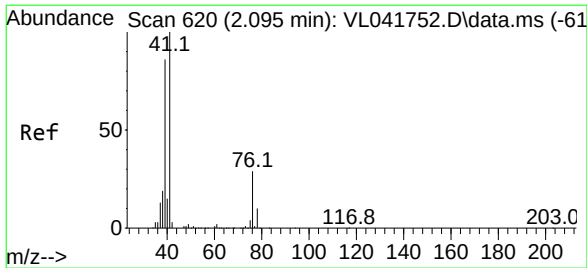
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#20
Methylene Chloride
Concen: 0.552 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion: 84 Resp: 2130
Ion Ratio Lower Upper
84 100
49 162.7 132.6 198.8
51 47.4 37.6 56.4
86 73.6 51.4 77.0





#21

Allyl Chloride

Concen: 0.382 ppbv

RT: 2.098 min Scan# 62

Delta R.T. 0.003 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

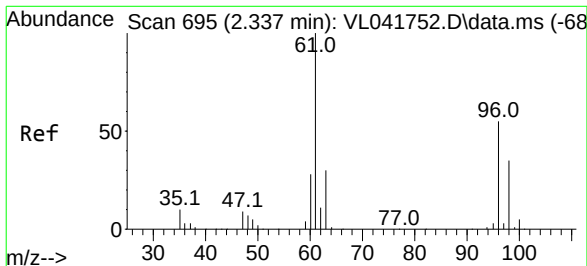
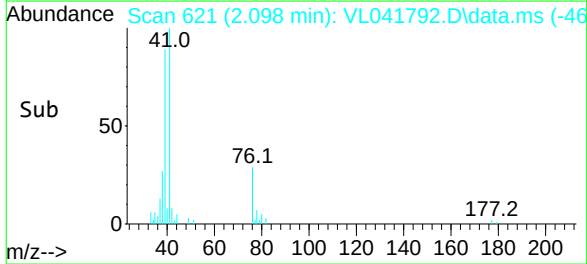
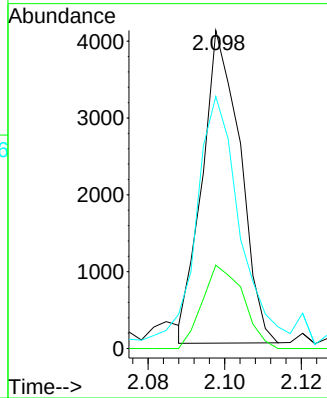
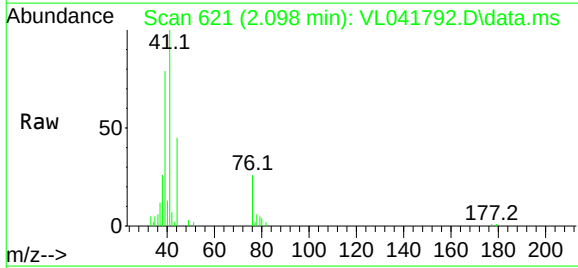
MDL 0.4

Tgt Ion:	41	Resp:	2799
Ion	Ratio	Lower	Upper
41	100		
76	28.7	22.3	33.5
39	103.7	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#22

trans-1,2-Dichloroethene

Concen: 0.371 ppbv

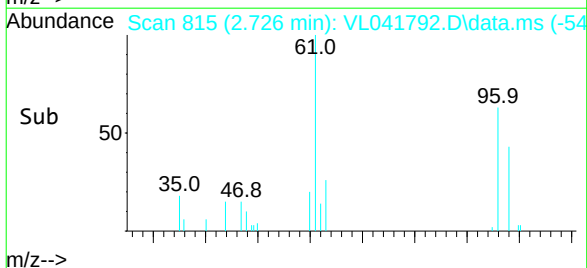
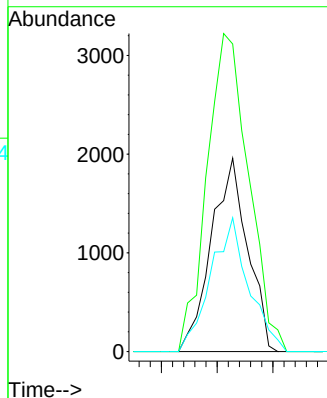
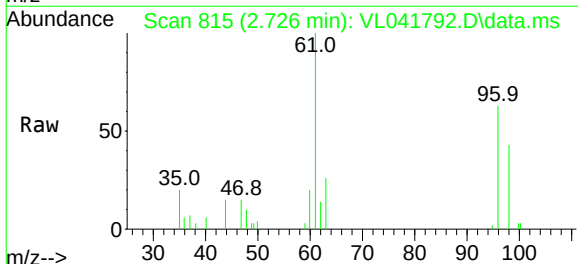
RT: 2.726 min Scan# 815

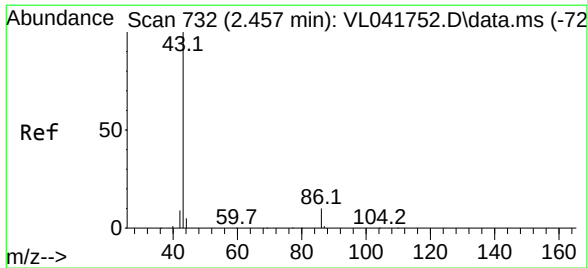
Delta R.T. 0.388 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

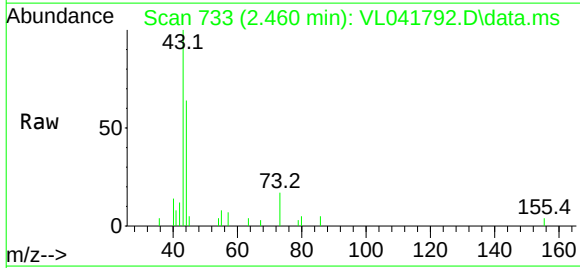
Tgt Ion:	96	Resp:	1777
Ion	Ratio	Lower	Upper
96	100		
61	159.1	146.3	219.5
98	69.2	50.8	76.2





#23
 Vinyl Acetate
 Concen: 0.278 ppbv
 RT: 2.460 min Scan# 732
 Delta R.T. 0.003 min
 Lab File: VL041792.D
 Acq: 18 Dec 2024 13:30

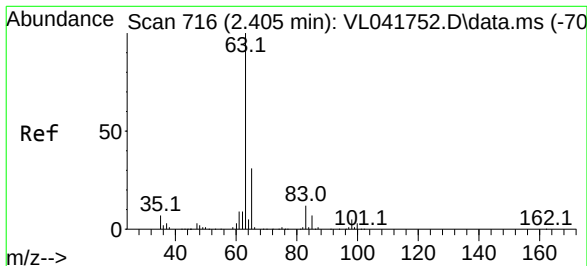
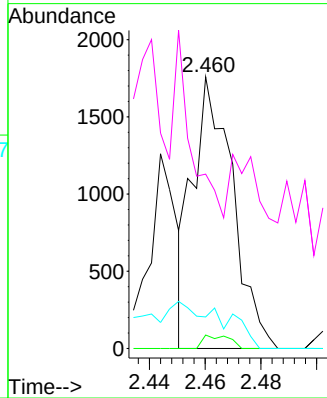
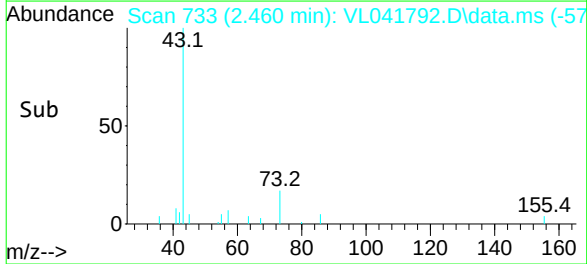
Instrument : MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion:	43	Resp:	1748
Ion	Ratio	Lower	Upper
43	100		
86	4.9	6.6	10.0#
42	11.6	8.2	12.2
44	18.0	5.0	7.4#

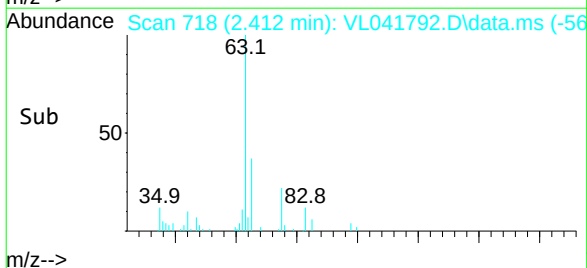
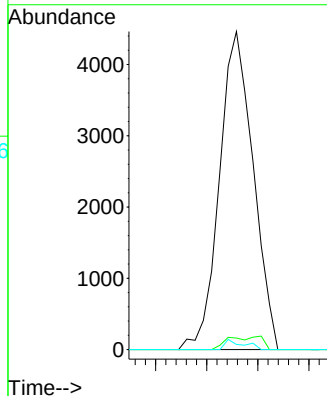
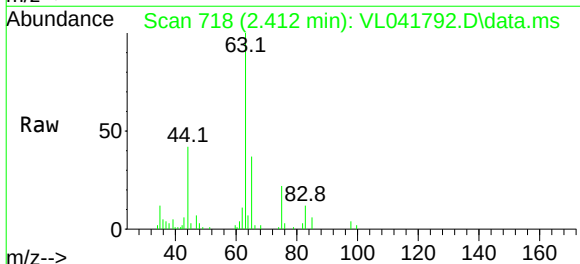
Manual Integrations
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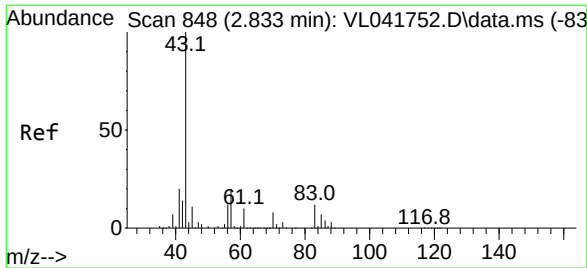
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#24
 1,1-Dichloroethane
 Concen: 0.422 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041792.D
 Acq: 18 Dec 2024 13:30

Tgt Ion:	63	Resp:	4096
Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.3	6.8
100	1.6	1.4	4.2





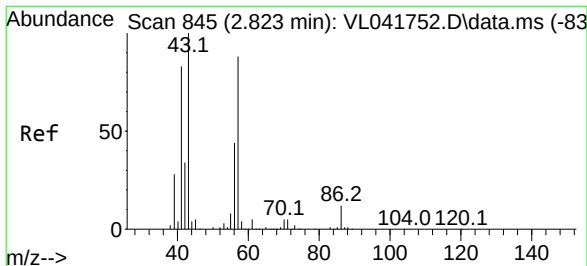
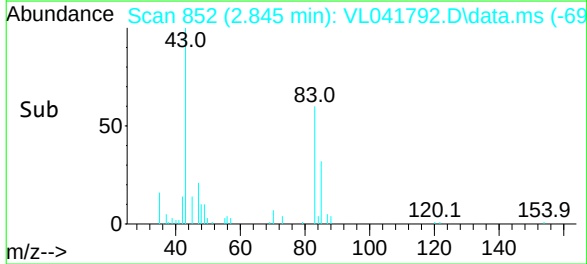
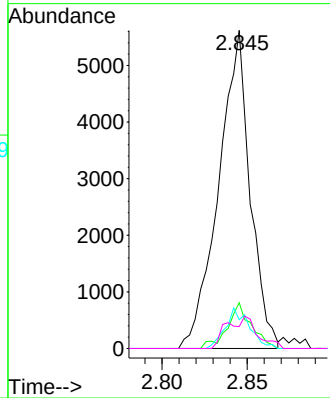
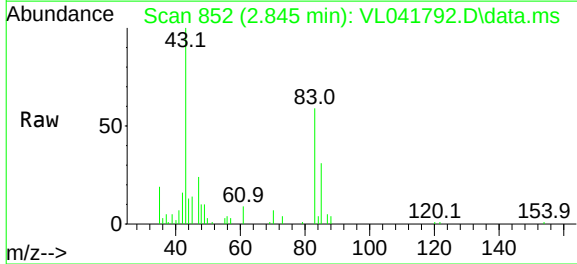
#25
Ethyl Acetate
Concen: 0.287 ppbv
RT: 2.845 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument : MSVOA_L
ClientSampleId : MDL 0.4

Tgt Ion:	43	Resp:	7220
Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.1	12.1
61	9.7	7.0	10.6
70	9.8	6.5	9.7#

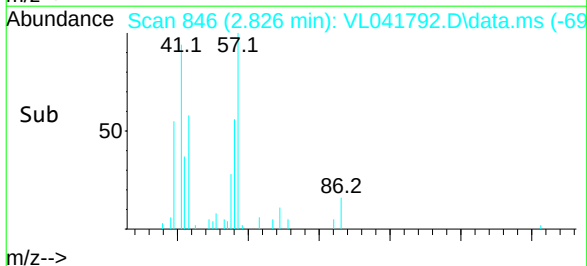
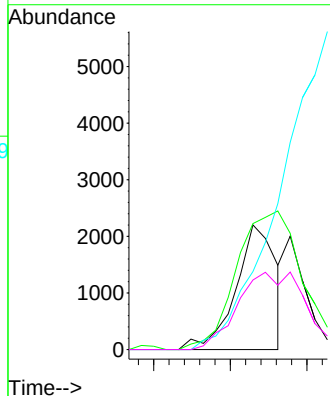
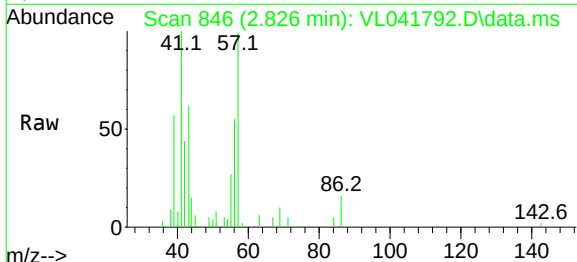
Manual Integrations
APPROVED

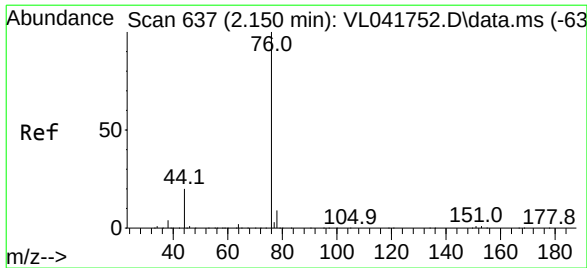
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#26
Hexane
Concen: 0.167 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

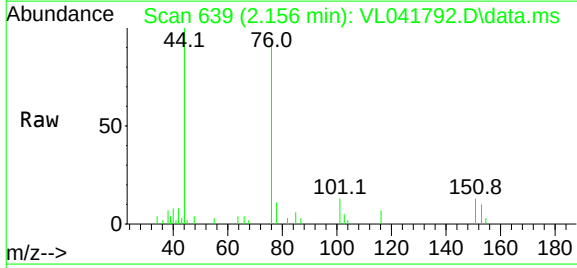
Tgt Ion:	57	Resp:	1599
Ion	Ratio	Lower	Upper
57	100		
41	0.0	79.6	119.4#
43	0.0	211.0	316.6#
56	0.0	42.6	63.8#





#27
Carbon Disulfide
Concen: 0.253 ppbv
RT: 2.156 min Scan# 637
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

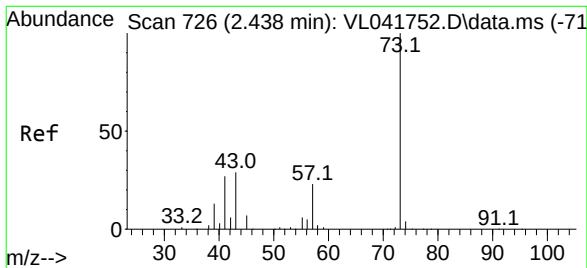
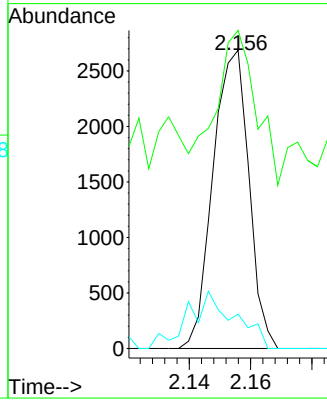
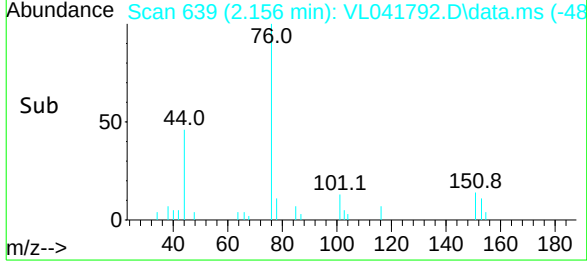
Instrument : MSVOA_L
ClientSampleId : MDL 0.4



Tgt Ion: 76 Resp: 2178
Ion Ratio Lower Upper
76 100
44 113.5 17.6 26.4#
78 25.1 10.2 15.4#

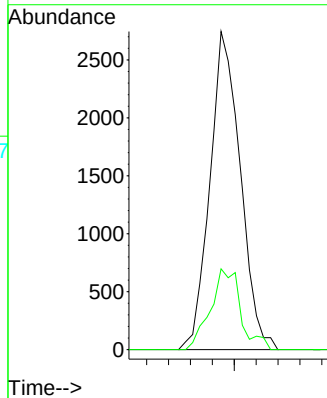
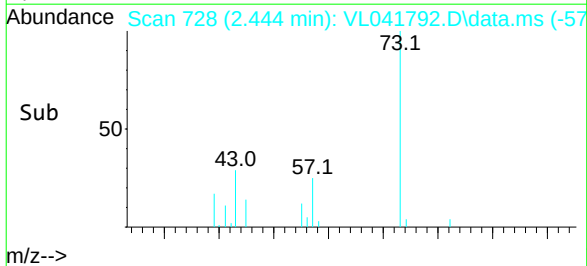
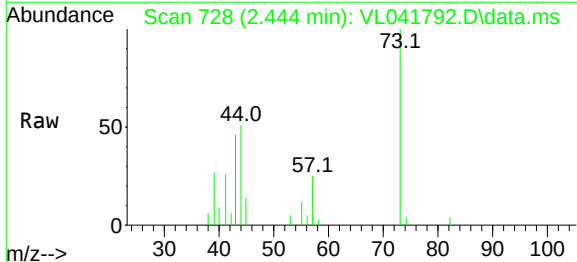
Manual Integrations
APPROVED

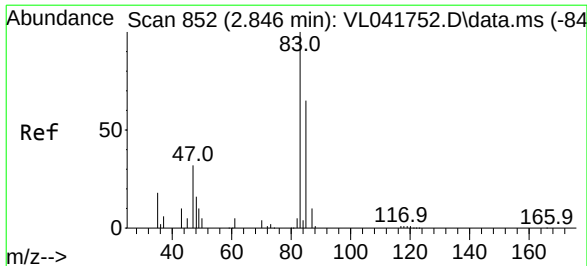
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#28
Methyl tert-Butyl Ether
Concen: 0.342 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion: 73 Resp: 2648
Ion Ratio Lower Upper
73 100
57 25.2 17.6 26.4





#29

Chloroform

Concen: 0.408 ppbv

RT: 2.852 min Scan# 85

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

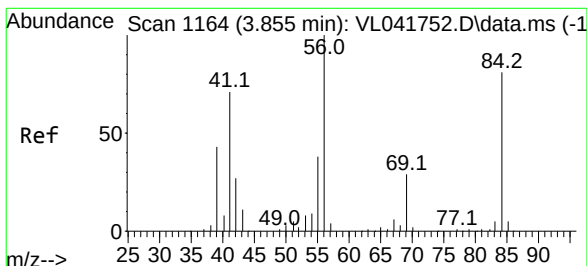
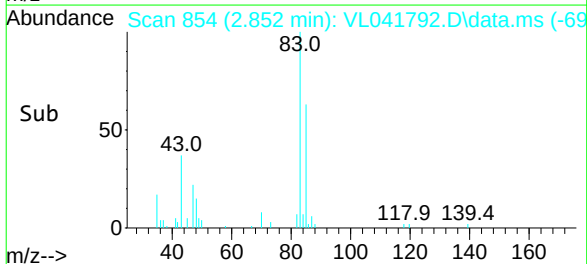
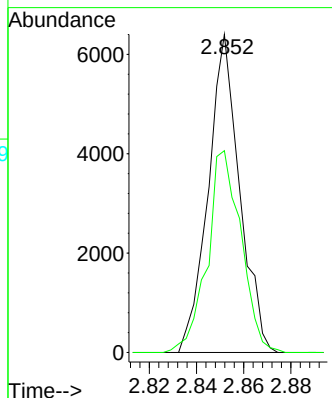
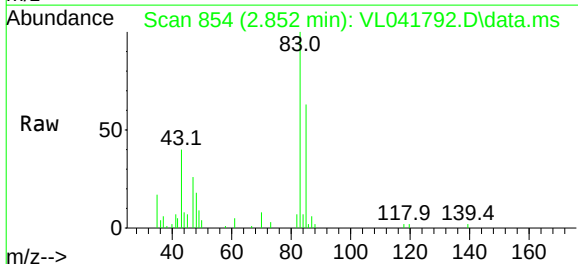
ClientSampleId :

MDL 0.4

Tgt	Ion	Ratio	Lower	Upper
83	100			
85	62.6	51.8	77.6	

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#30

Cyclohexane

Concen: 0.103 ppbv

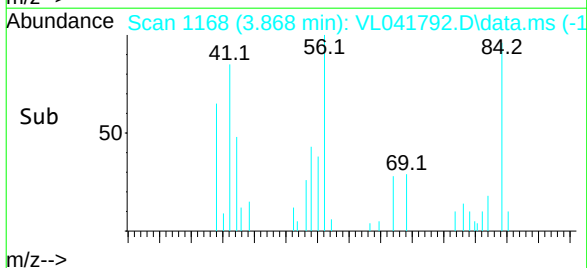
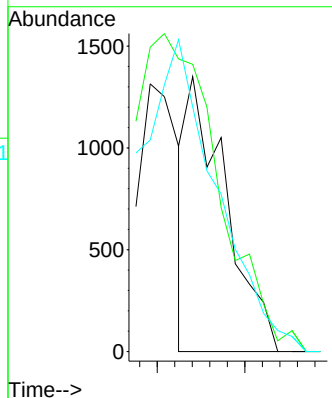
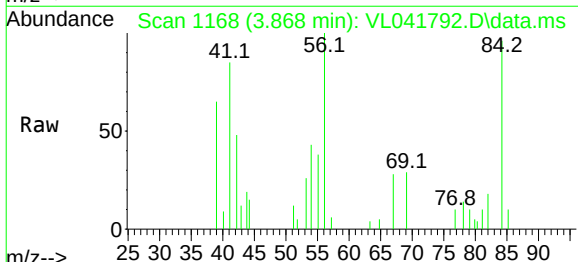
RT: 3.868 min Scan# 1168

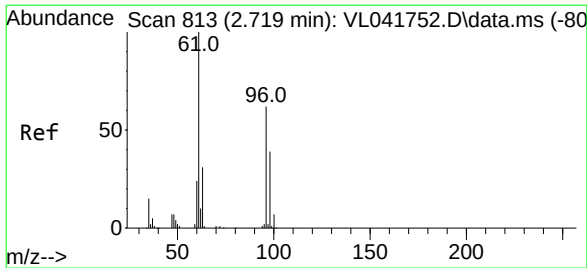
Delta R.T. 0.013 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt	Ion	Ratio	Lower	Upper
84	100			
56	280.5	102.3	153.5	#
41	248.7	74.0	111.0	#





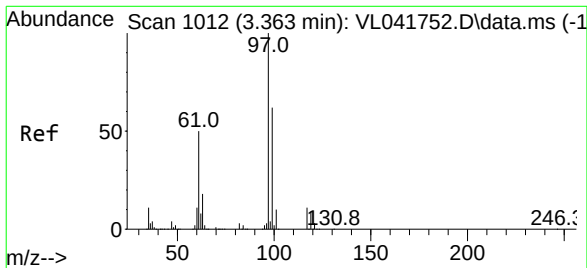
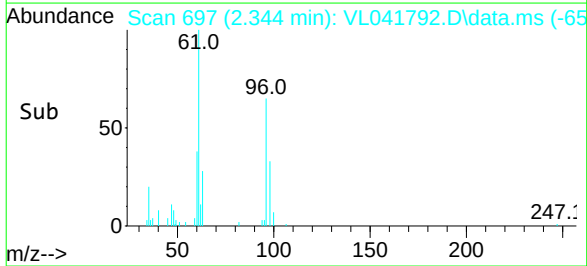
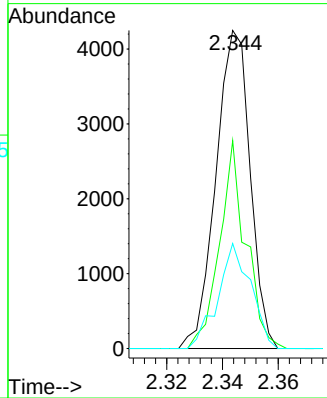
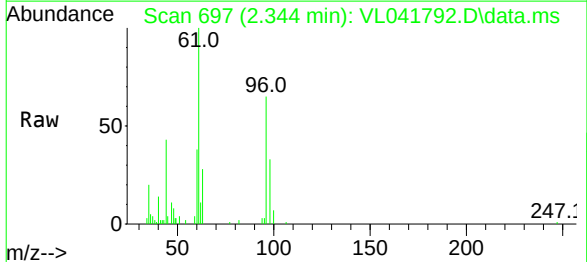
#31
cis-1,2-Dichloroethene
Concen: 0.367 ppbv
RT: 2.344 min Scan# 69
Delta R.T. -0.376 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt	Ion	61	Resp:	3624
Ion	Ratio	Lower	Upper	
61	100			
96	65.4	49.7	74.5	
98	33.0	30.8	46.2	

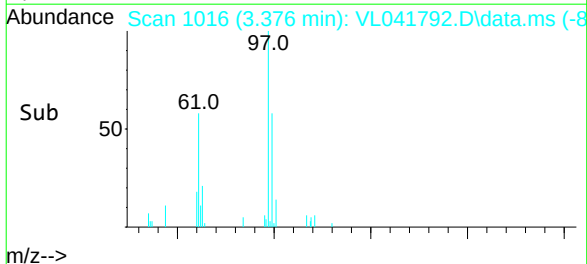
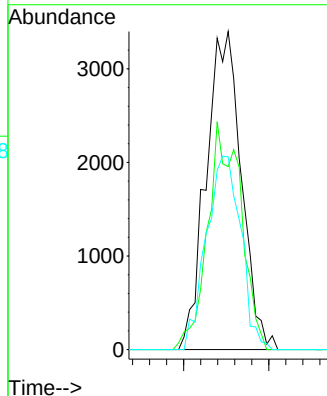
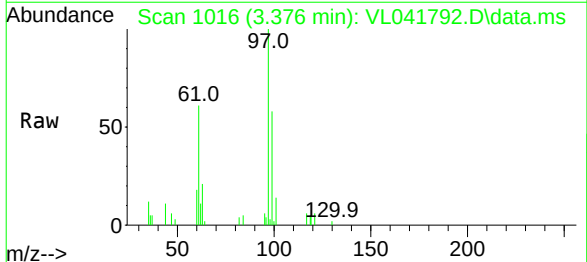
Manual Integrations
APPROVED

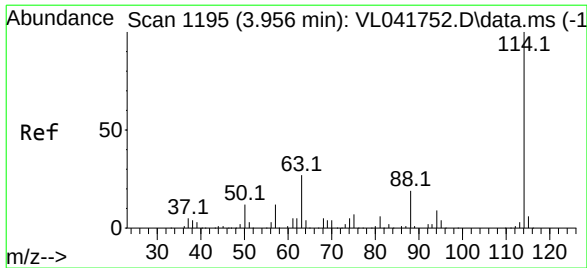
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#32
1,1,1-Trichloroethane
Concen: 0.330 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. 0.013 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

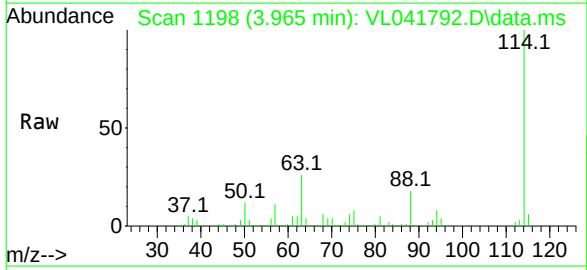
Tgt	Ion	97	Resp:	4884
Ion	Ratio	Lower	Upper	
97	100			
99	67.3	51.0	76.4	
61	59.7	42.2	63.2	





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1195
Delta R.T. 0.009 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

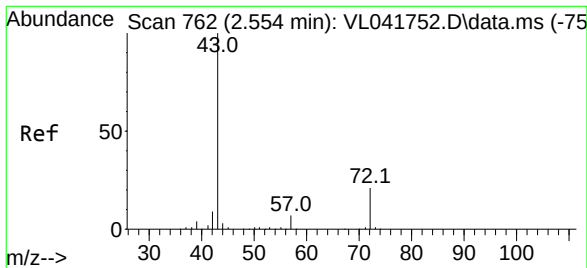
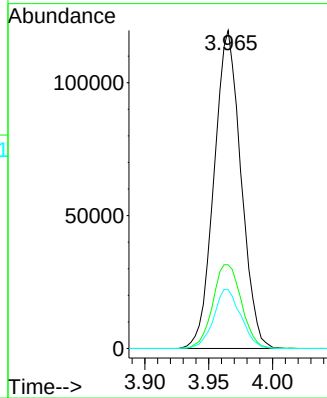
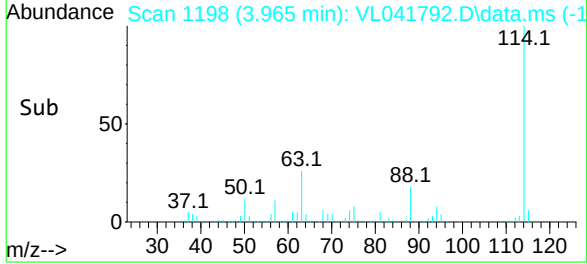
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 114 Resp: 175551
Ion Ratio Lower Upper
114 100
63 28.0 21.8 32.8
88 18.8 14.8 22.2

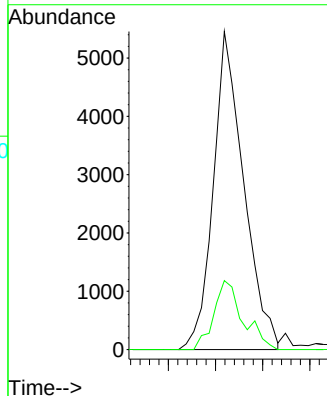
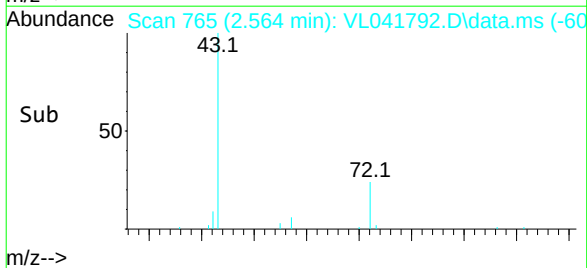
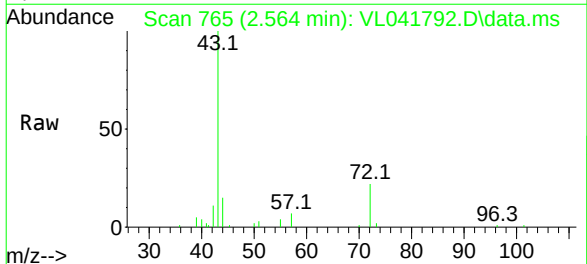
Manual Integrations
APPROVED

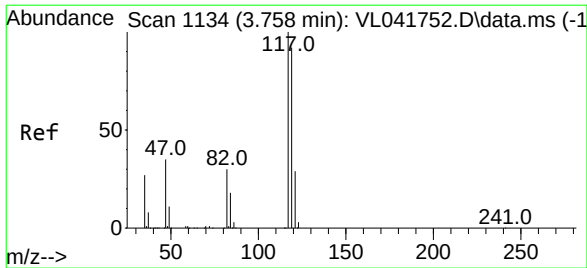
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#34
2-Butanone
Concen: 0.347 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.009 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion: 43 Resp: 4896
Ion Ratio Lower Upper
43 100
72 20.7 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.193 ppbv

RT: 3.765 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041792.D

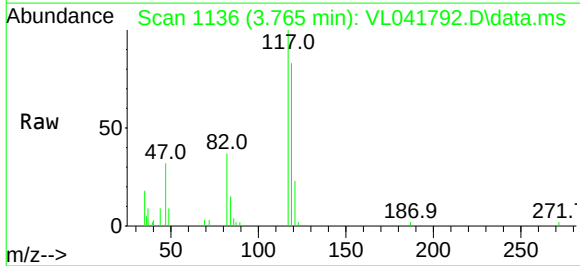
Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

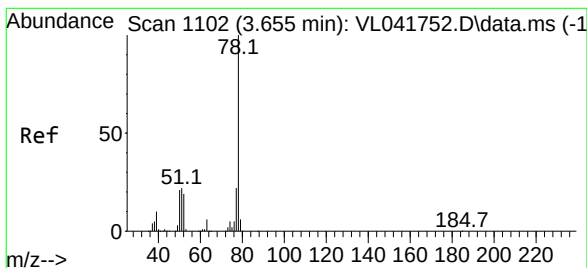
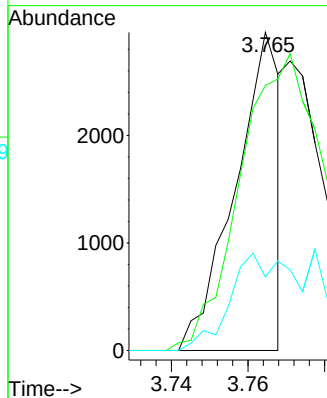
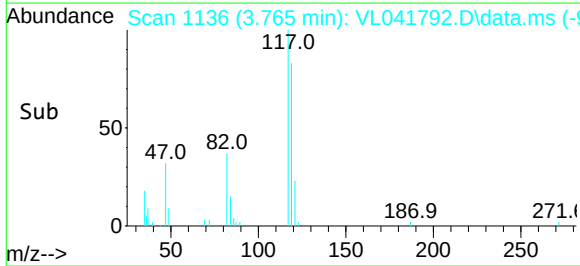


Tgt Ion:	117	Resp:	2403
Ion	Ratio	Lower	Upper
117	100		
119	80.9	73.7	110.5
121	23.1	23.0	34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#36

Benzene

Concen: 0.302 ppbv

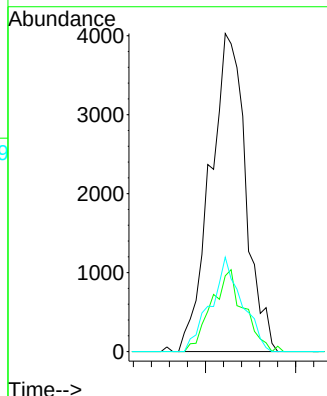
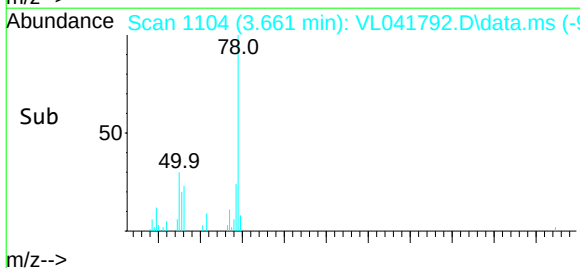
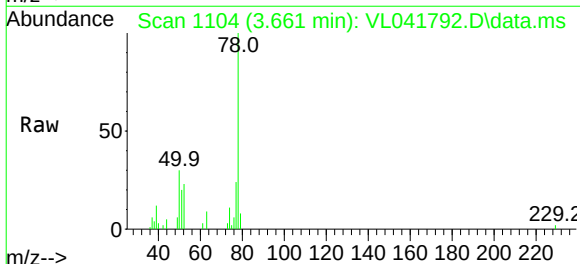
RT: 3.661 min Scan# 1104

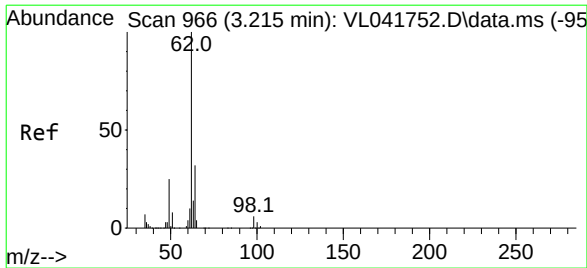
Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

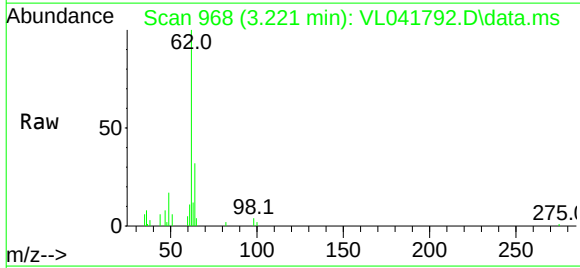
Tgt Ion:	78	Resp:	5491
Ion	Ratio	Lower	Upper
78	100		
77	23.8	17.8	26.6
50	29.7	17.2	25.8#





#37
1,2-Dichloroethane
Concen: 0.432 ppbv
RT: 3.221 min Scan# 966
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

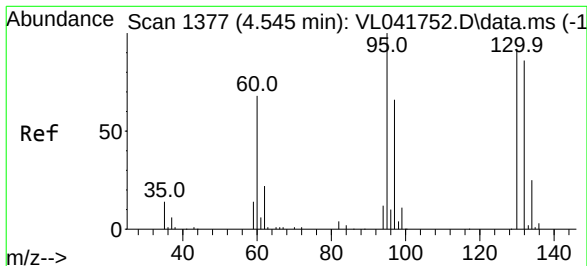
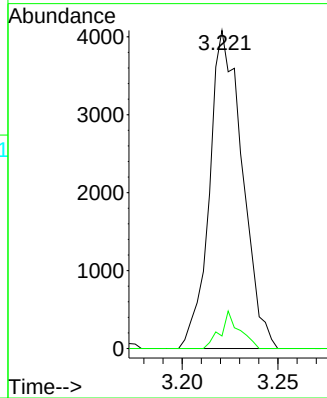
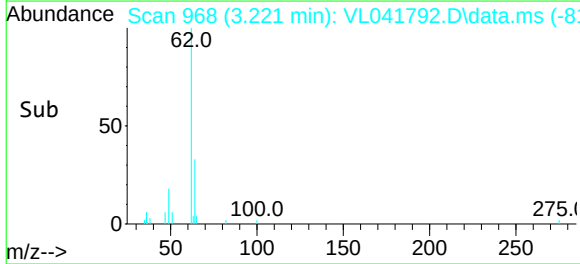
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 62 Resp: 4884
Ion Ratio Lower Upper
62 100
98 6.7 4.7 7.1

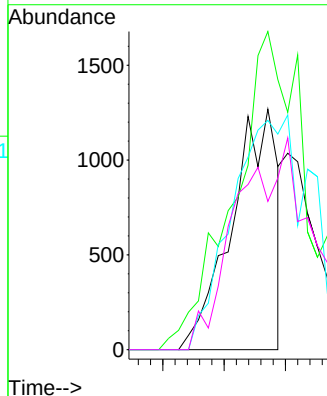
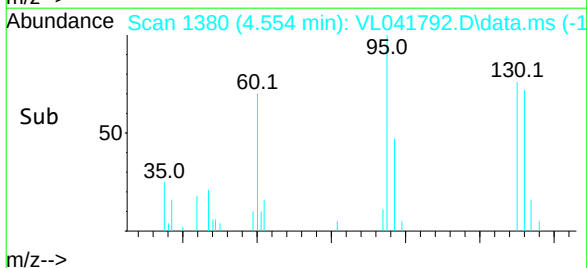
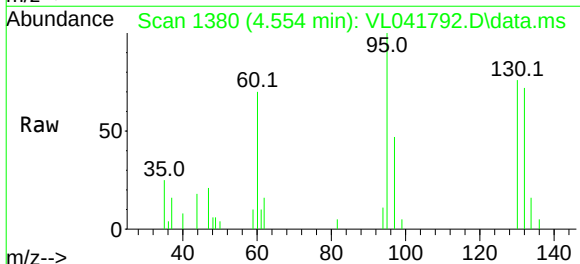
Manual Integrations
APPROVED

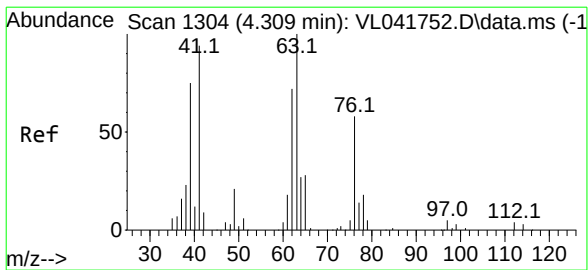
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#38
Trichloroethene
Concen: 0.171 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

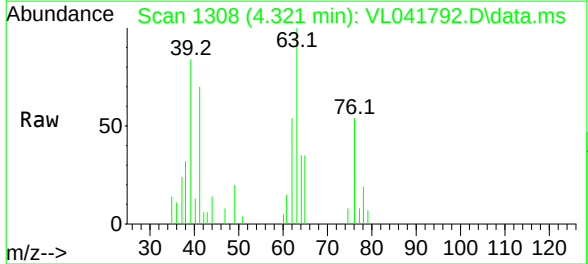
Tgt Ion:130 Resp: 1315
Ion Ratio Lower Upper
130 100
95 124.3 87.0 130.6
132 95.3 75.0 112.6
97 61.7 57.2 85.8





#39
1,2-Dichloropropane
Concen: 0.347 ppbv
RT: 4.321 min Scan# 1308
Delta R.T. 0.013 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

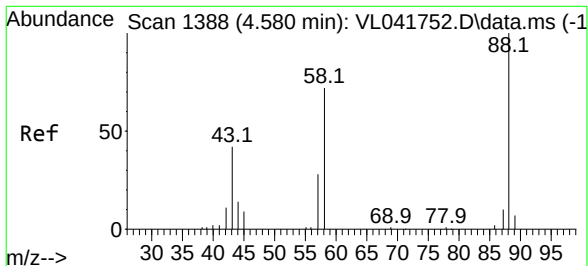
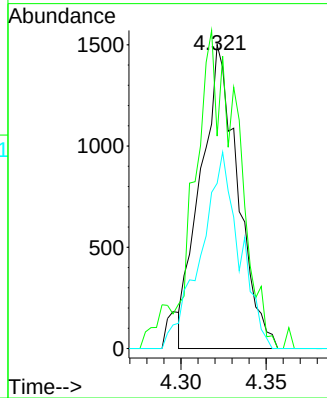
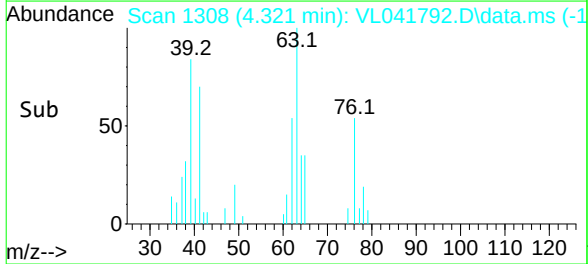
Instrument : MSVOA_L
ClientSampleId : MDL 0.4



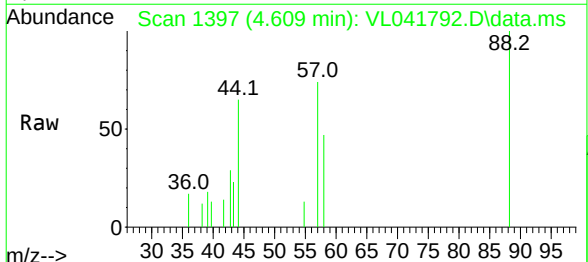
Tgt Ion: 63 Resp: 2280
Ion Ratio Lower Upper
63 100
41 69.9 75.3 112.9#
62 54.4 57.3 85.9#

Manual Integrations
APPROVED

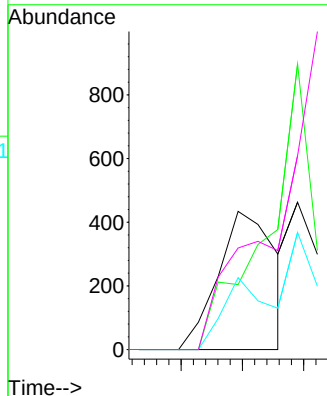
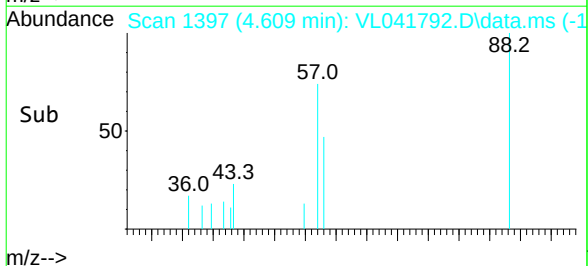
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

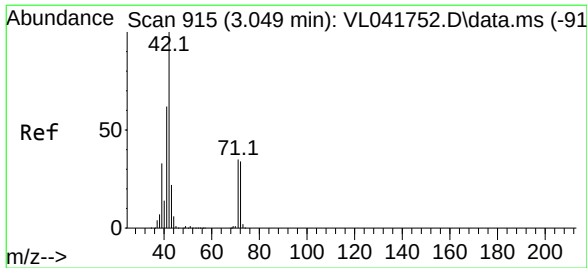


#40
1,4-Dioxane
Concen: 0.087 ppbv
RT: 4.609 min Scan# 1397
Delta R.T. 0.029 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30



Tgt Ion: 88 Resp: 280
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: 0.226 ppbv

RT: 3.072 min Scan# 92

Delta R.T. 0.022 min

Lab File: VL041792.D

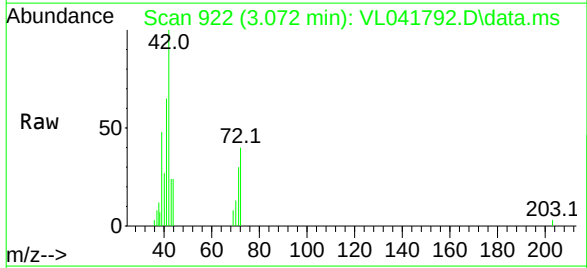
Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion: 42 Resp: 1788

Ion Ratio Lower Upper

42 100

72 46.1 29.1 43.7#

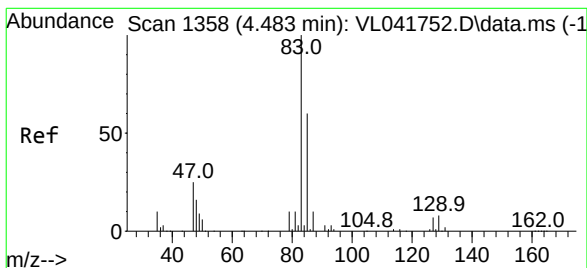
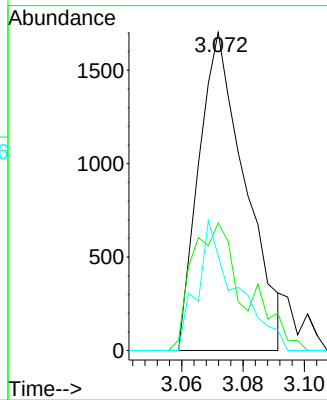
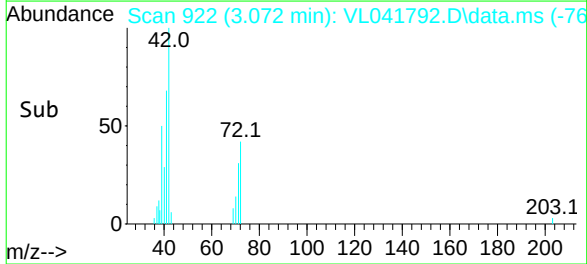
71 34.2 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#42

Bromodichloromethane

Concen: 0.161 ppbv

RT: 4.493 min Scan# 1361

Delta R.T. 0.009 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

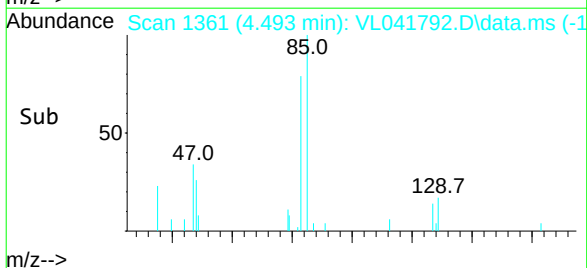
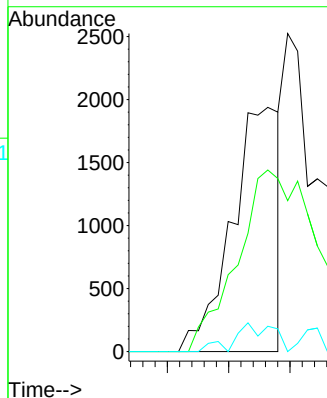
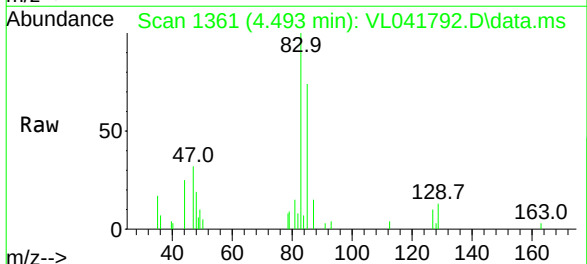
Tgt Ion: 83 Resp: 2098

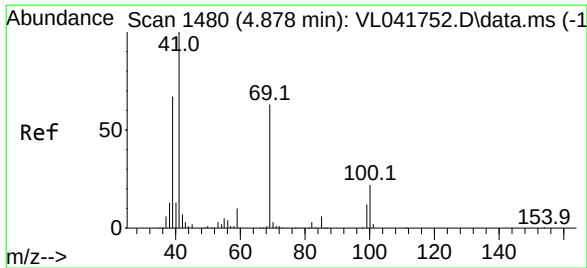
Ion Ratio Lower Upper

83 100

85 74.4 48.0 72.0#

127 10.4 5.8 8.8#





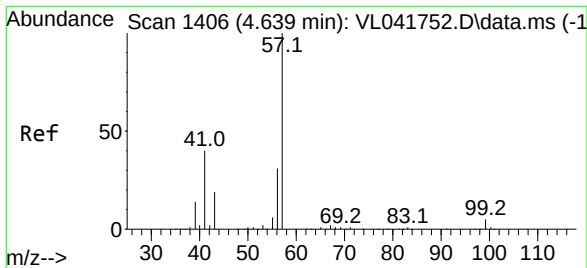
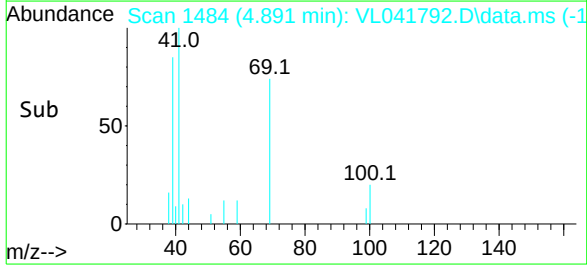
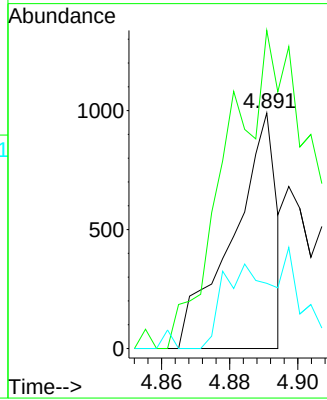
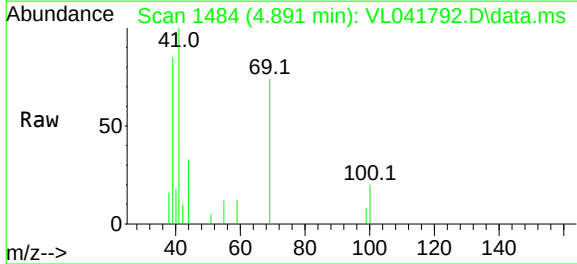
#43
Methyl Methacrylate
Concen: 0.127 ppbv
RT: 4.891 min Scan# 1480
Delta R.T. 0.013 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt	Ion	69	Resp	880
Ion	Ratio	Lower	Upper	
69	100			
41	289.2	130.3	195.5#	
100	0.0	28.3	42.5#	

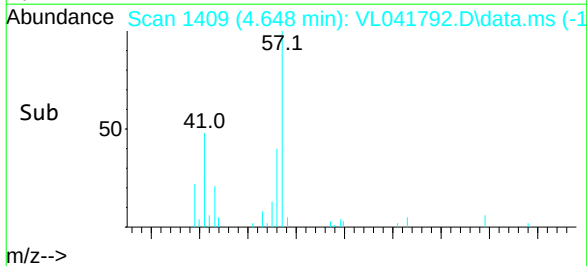
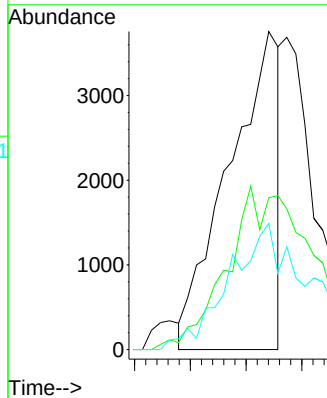
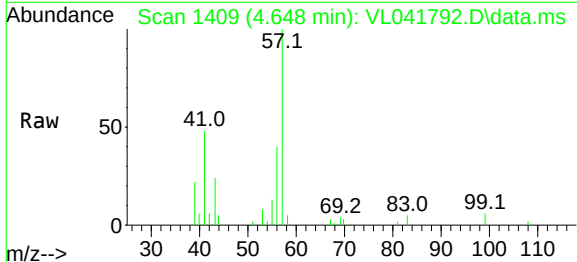
Manual Integrations
APPROVED

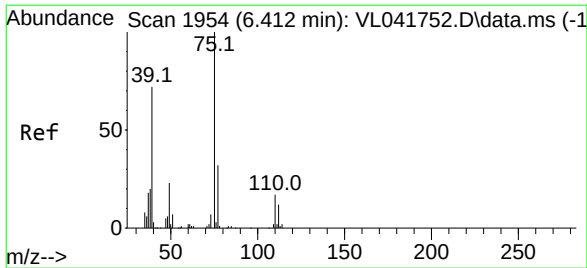
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#44
2,2,4-Trimethylpentane
Concen: 0.154 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.009 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt	Ion	57	Resp	4764
Ion	Ratio	Lower	Upper	
57	100			
41	86.4	30.7	46.1#	
56	60.7	25.4	38.0#	





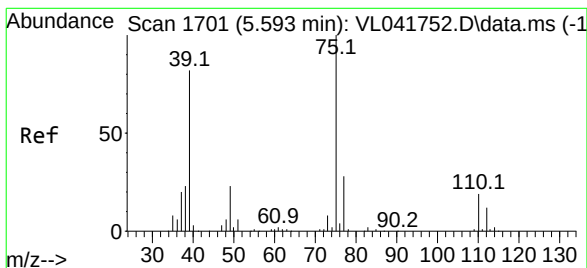
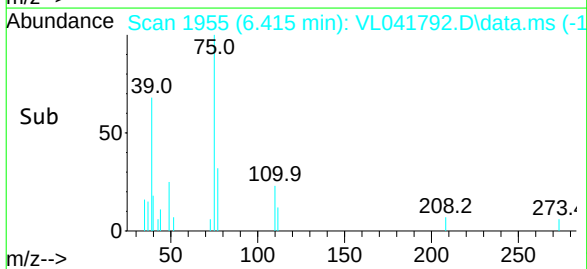
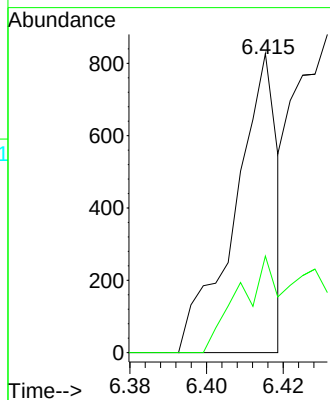
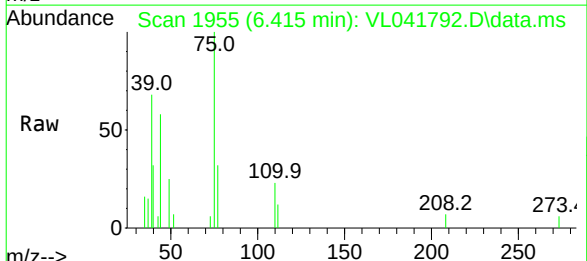
#45
t-1,3-Dichloropropene
Concen: 0.089 ppbv
RT: 6.415 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 75 Resp: 637
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9

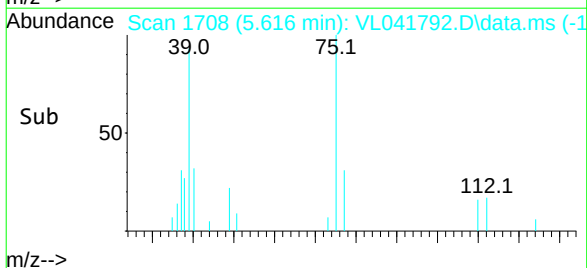
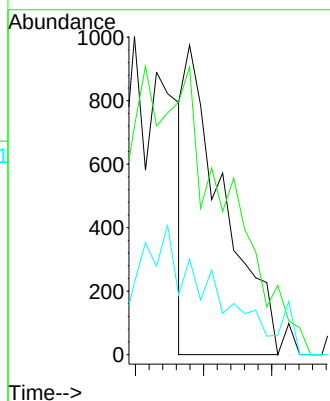
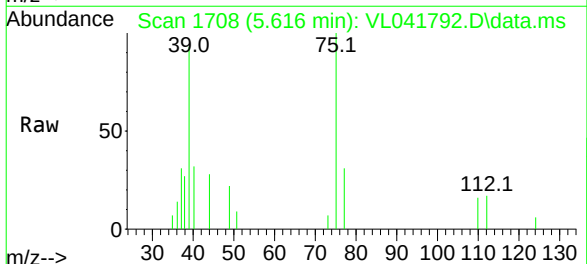
Manual Integrations
APPROVED

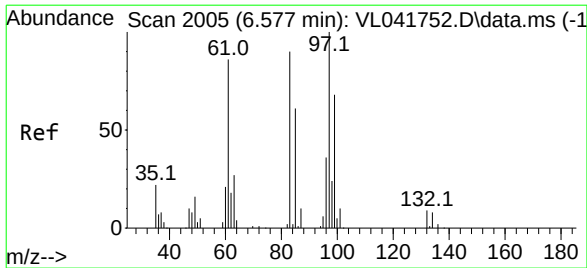
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#46
cis-1,3-Dichloropropene
Concen: 0.084 ppbv
RT: 5.616 min Scan# 1708
Delta R.T. 0.022 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

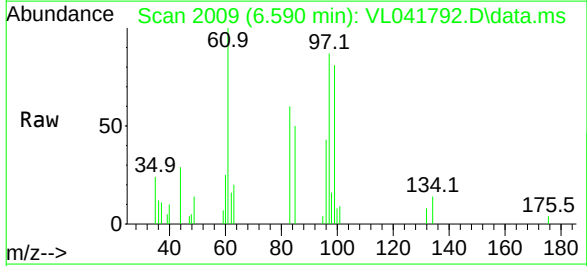
Tgt Ion: 75 Resp: 759
Ion Ratio Lower Upper
75 100
39 70.6 65.2 97.8
77 24.6 22.0 33.0





#47
1,1,2-Trichloroethane
Concen: 0.063 ppbv
RT: 6.590 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

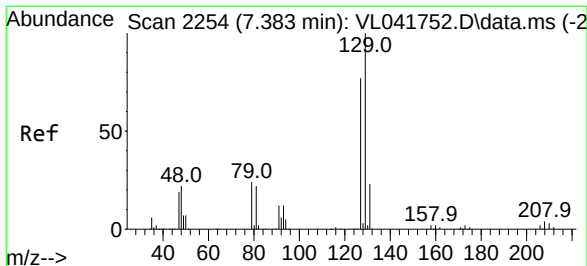
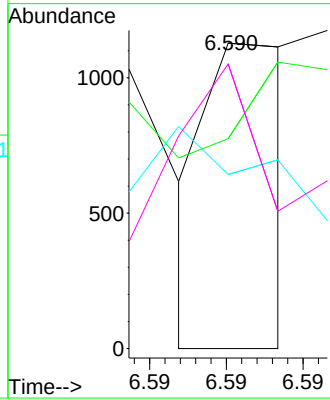
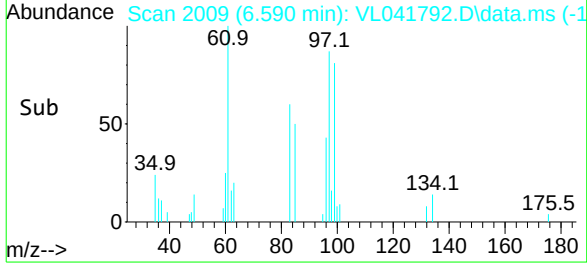
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



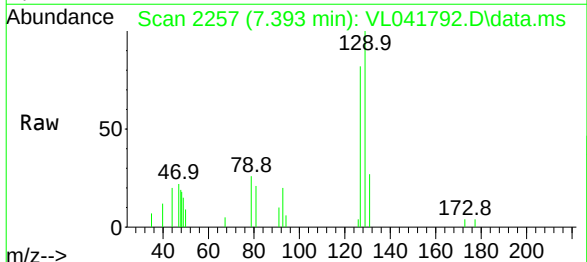
Tgt Ion: 97 Resp: 435
Ion Ratio Lower Upper
97 100
83 13.9 72.3 108.5#
85 0.0 48.5 72.7#
99 106.5 54.0 81.0#

Manual Integrations
APPROVED

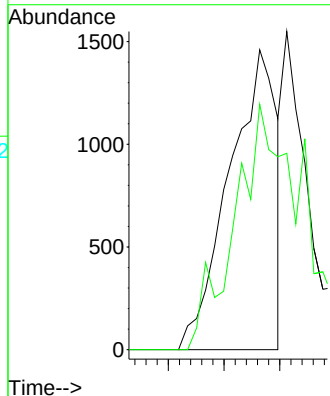
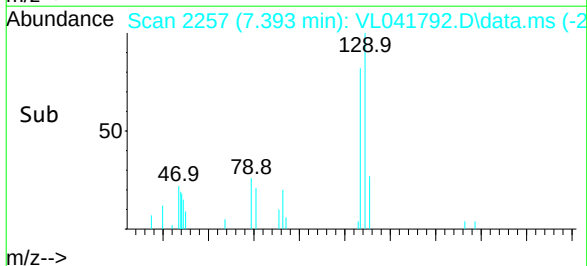
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

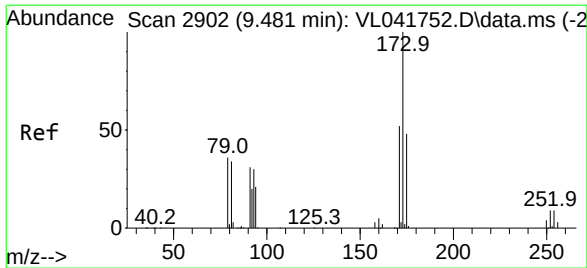


#48
Dibromochloromethane
Concen: 0.184 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. 0.009 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30



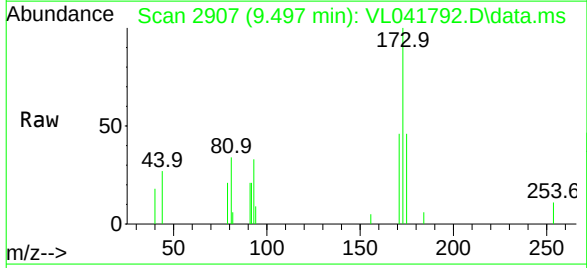
Tgt Ion:129 Resp: 1726
Ion Ratio Lower Upper
129 100
127 115.3 38.8 116.3





#49
Bromoform
Concen: 0.073 ppbv
RT: 9.497 min Scan# 2902
Delta R.T. 0.016 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

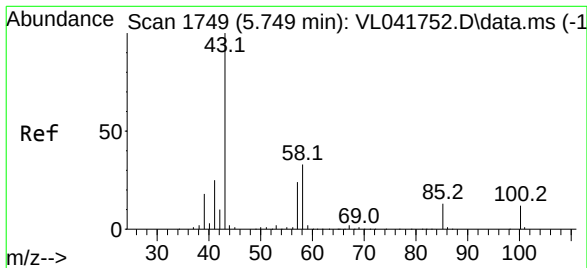
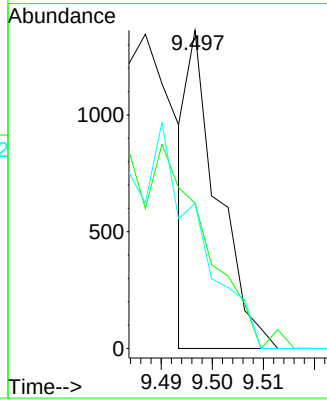
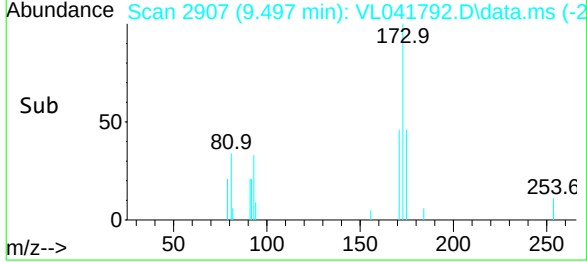
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:	173	Resp:	556
Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.2	57.2
171	0.0	41.1	61.7

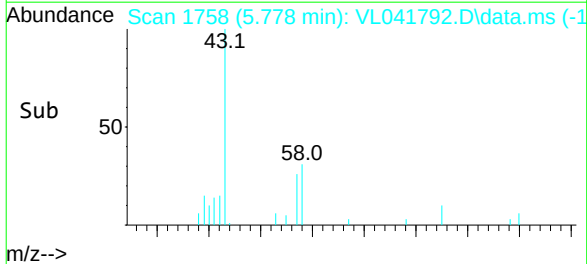
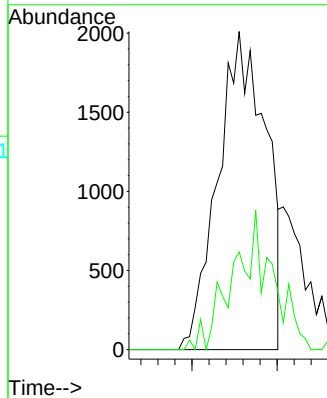
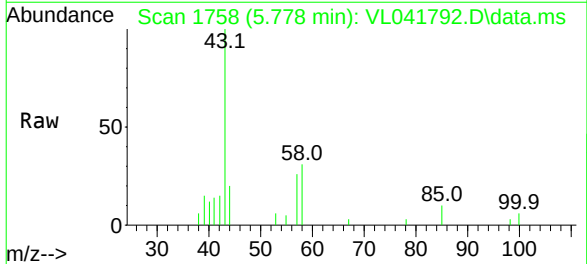
Manual Integrations
APPROVED

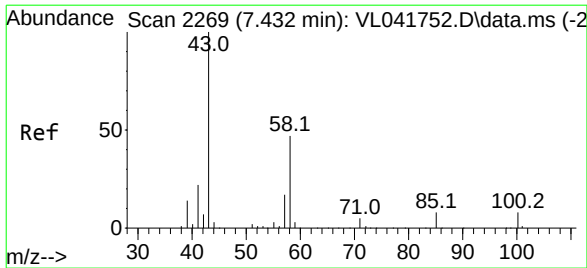
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#50
4-Methyl-2-Pentanone
Concen: 0.204 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. 0.029 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion:	43	Resp:	3923
Ion	Ratio	Lower	Upper
43	100		
58	36.4	26.8	40.2





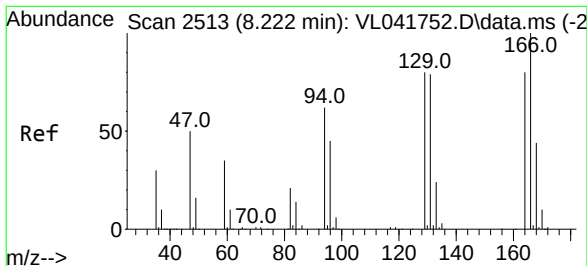
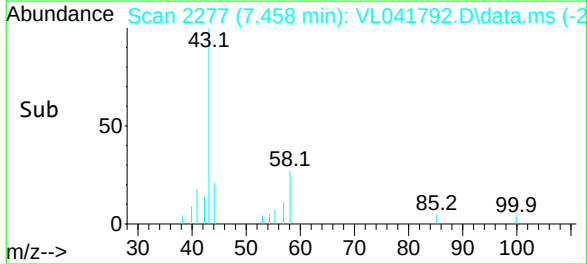
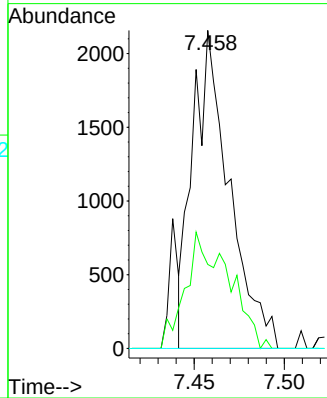
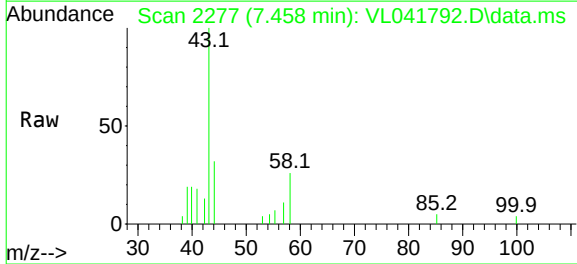
#51
2-Hexanone
Concen: 0.196 ppbv
RT: 7.458 min Scan# 2269
Delta R.T. 0.026 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
58 43.2 36.6 55.0
98 0.0 0.1 0.1

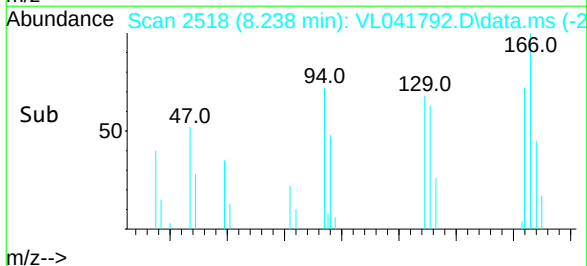
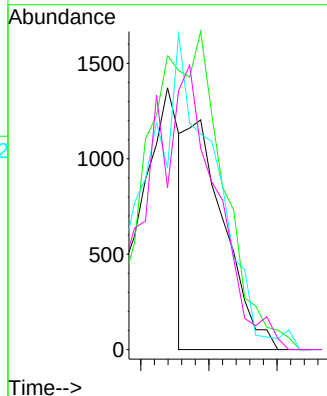
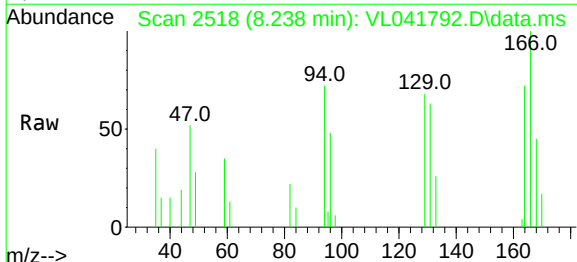
Manual Integrations
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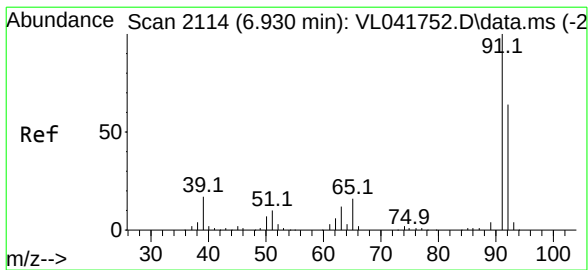
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#52
Tetrachloroethene
Concen: 0.141 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.016 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion:164 Resp: 950
Ion Ratio Lower Upper
164 100
166 130.0 99.8 149.6
129 89.0 79.6 119.4
131 82.6 78.6 117.8





#53

Toluene

Concen: 0.168 ppbv

RT: 6.940 min Scan# 2117

Delta R.T. 0.009 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 3469

Ion Ratio Lower Upper

91 100

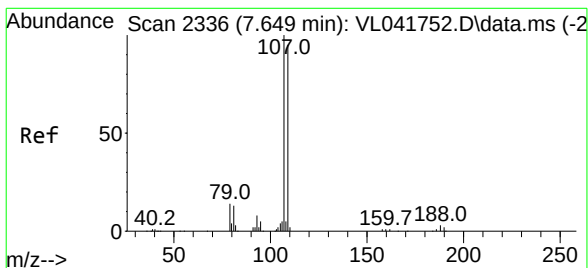
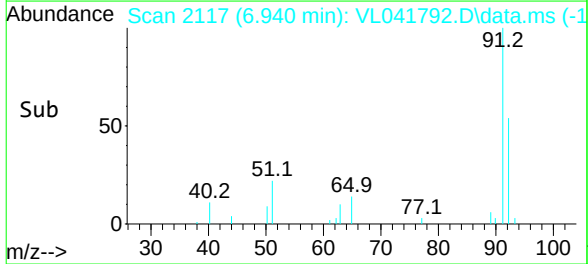
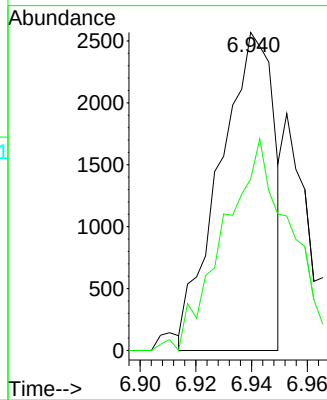
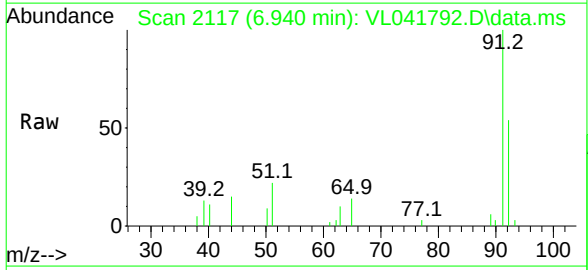
92 83.0 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#54

1,2-Dibromoethane

Concen: 0.282 ppbv

RT: 7.658 min Scan# 2339

Delta R.T. 0.009 min

Lab File: VL041792.D

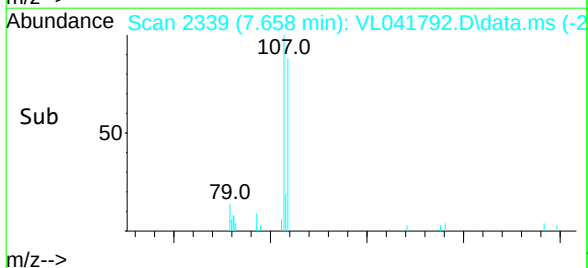
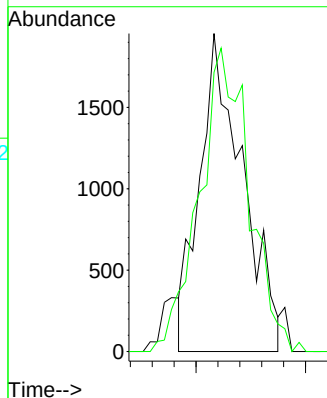
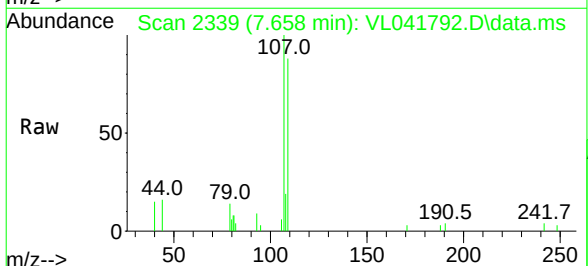
Acq: 18 Dec 2024 13:30

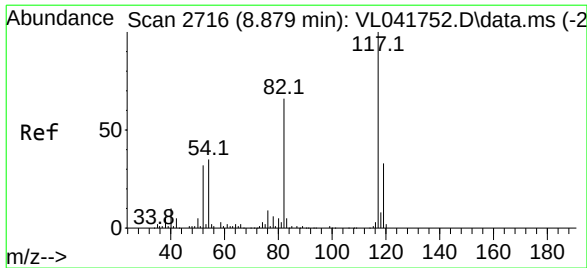
Tgt Ion:107 Resp: 2668

Ion Ratio Lower Upper

107 100

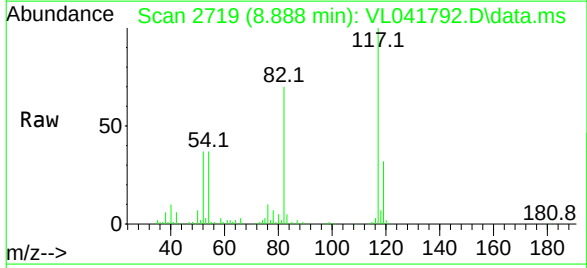
109 88.7 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2716
Delta R.T. 0.009 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

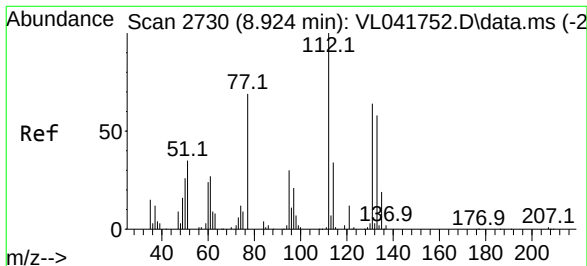
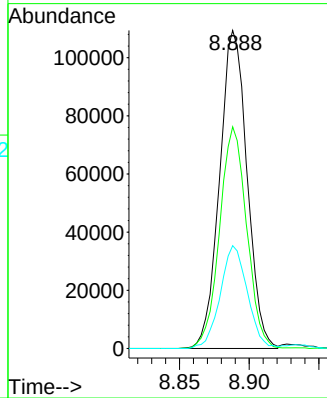
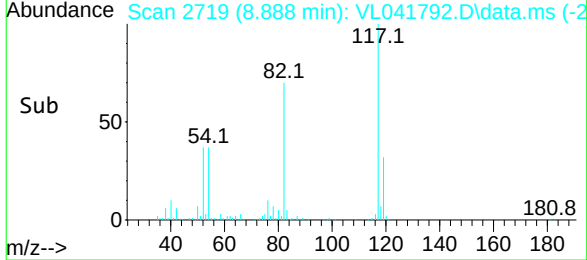
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:117 Resp: 149982
Ion Ratio Lower Upper
117 100
82 68.8 53.8 80.8
119 33.0 26.7 40.1

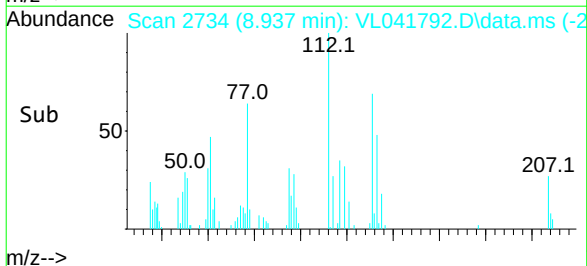
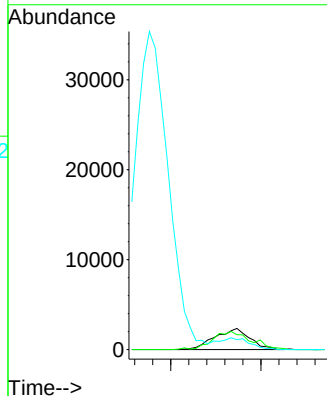
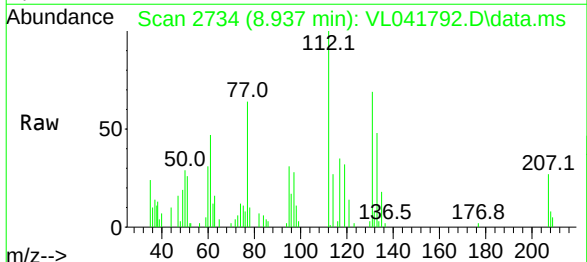
Manual Integrations
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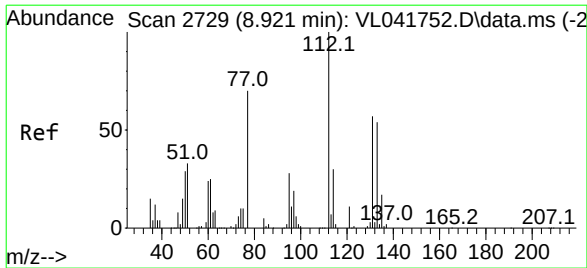
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.398 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.013 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion:131 Resp: 3161
Ion Ratio Lower Upper
131 100
133 94.6 76.8 115.2
119 1563.8 49.0 73.6#





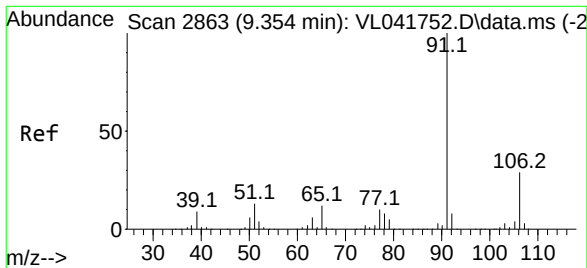
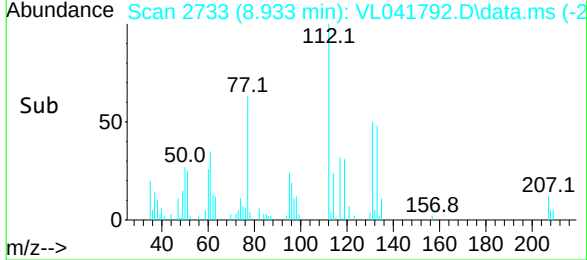
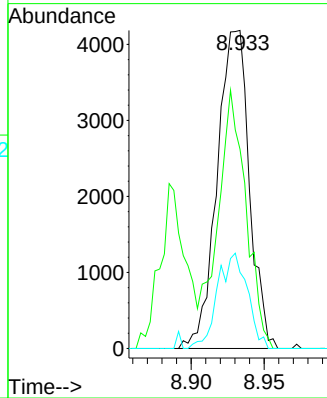
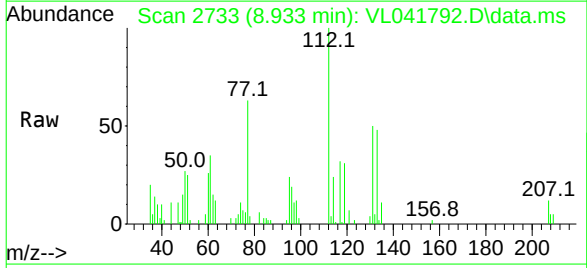
#57
Chlorobenzene
Concen: 0.419 ppbv
RT: 8.933 min Scan# 2729
Delta R.T. 0.013 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:	112	Resp:	6429
Ion Ratio	Lower	Upper	
112	100		
77	62.7	57.4	86.0
114	23.9	27.4	33.4

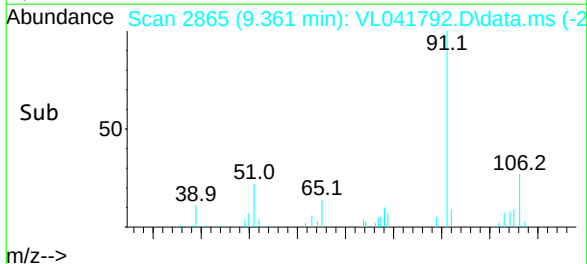
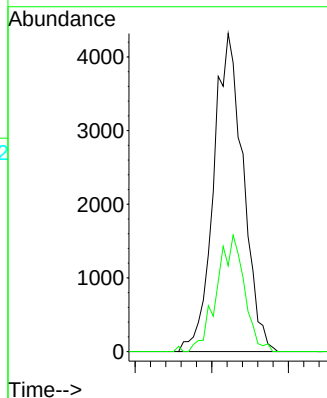
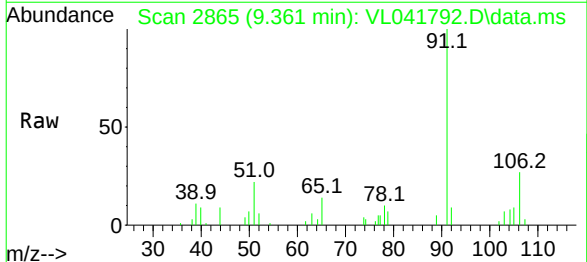
Manual Integrations
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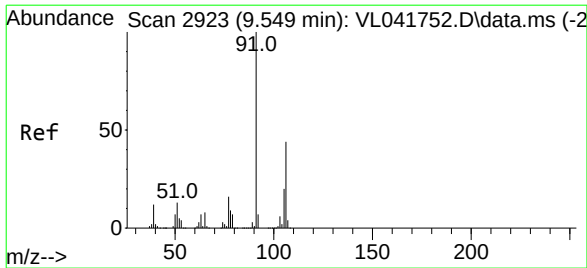
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#58
Ethyl Benzene
Concen: 0.214 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion:	91	Resp:	5789
Ion Ratio	Lower	Upper	
91	100		
106	27.0	23.5	35.3





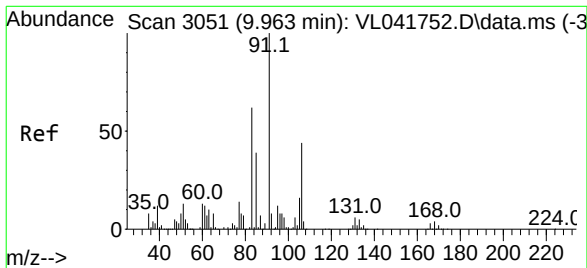
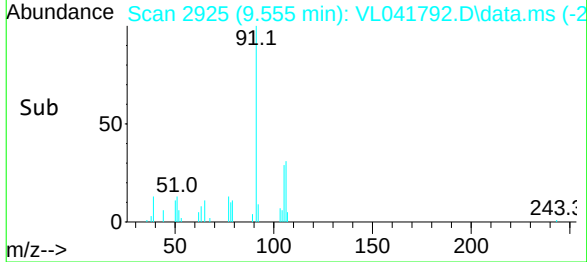
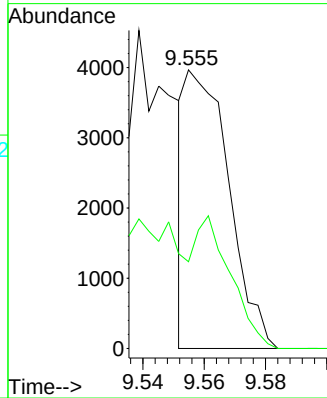
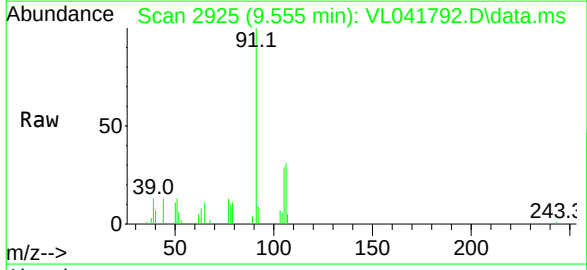
#59
m/p-Xylene
Concen: 0.181 ppbv
RT: 9.555 min Scan# 29
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 91 Resp: 3921
Ion Ratio Lower Upper
91 100
106 112.5 0.0 0.0#

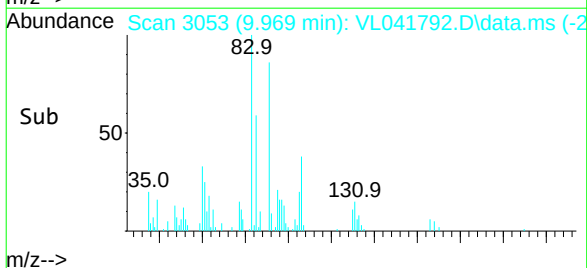
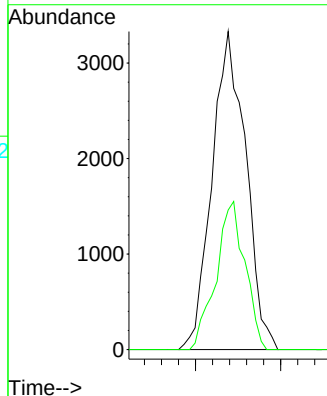
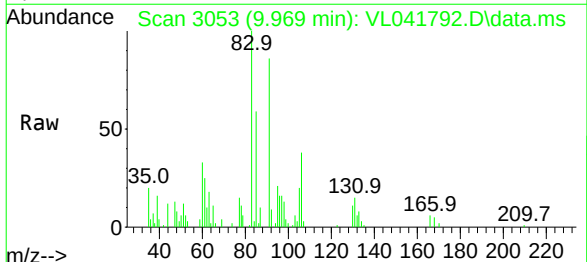
Manual Integrations
APPROVED

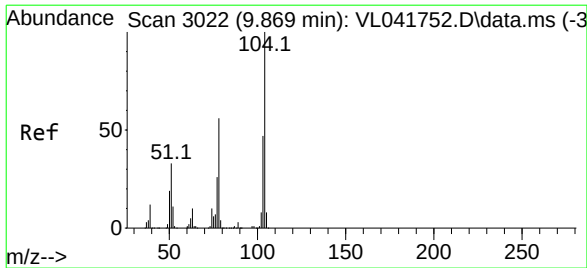
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#60
o-Xylene
Concen: 0.211 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion: 91 Resp: 4585
Ion Ratio Lower Upper
91 100
106 40.1 21.1 63.4





#61

Styrene

Concen: 0.193 ppbv

RT: 9.875 min Scan# 3022

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

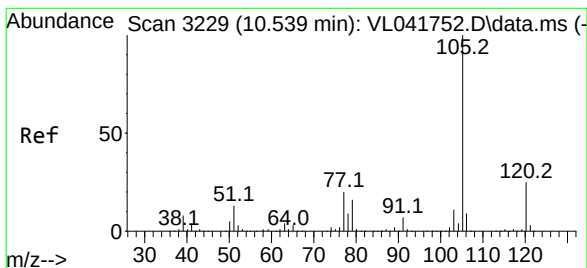
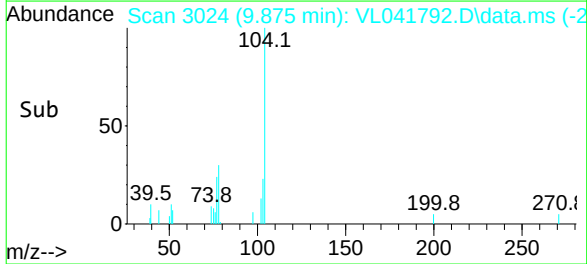
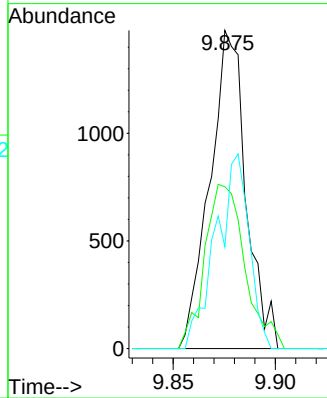
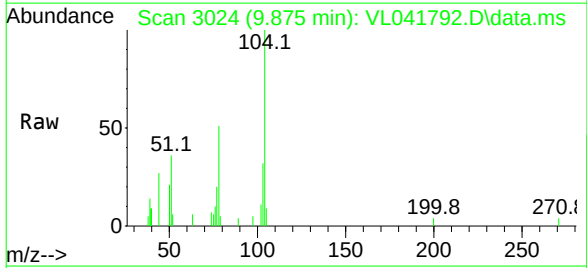
MDL 0.4

Tgt Ion:	104	Resp:	1818
Ion Ratio	Lower	Upper	
104	100		
78	57.3	43.8	65.6
103	56.1	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#62

Isopropylbenzene

Concen: 0.260 ppbv

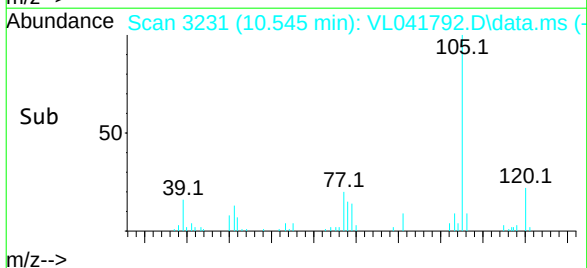
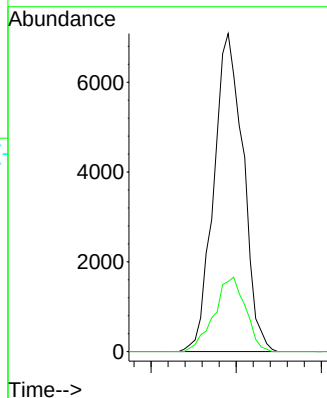
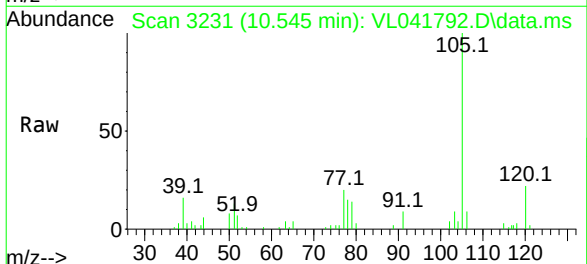
RT: 10.545 min Scan# 3231

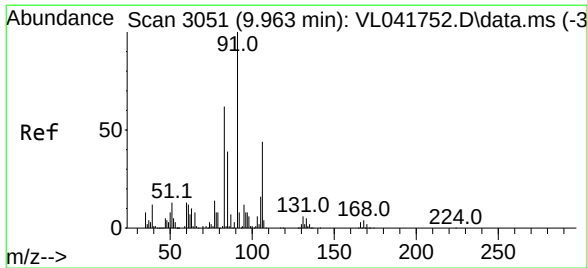
Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt Ion:	105	Resp:	8515
Ion Ratio	Lower	Upper	
105	100		
120	24.8	19.8	29.8





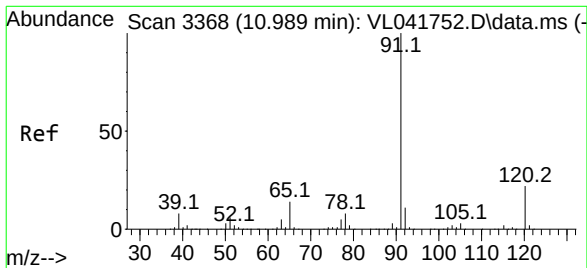
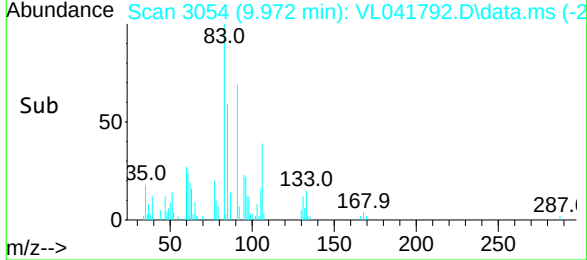
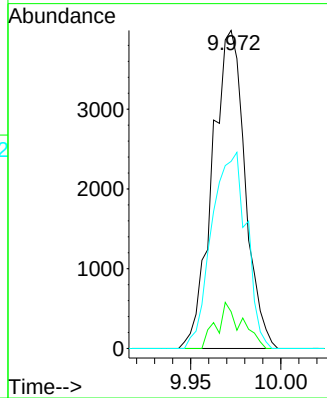
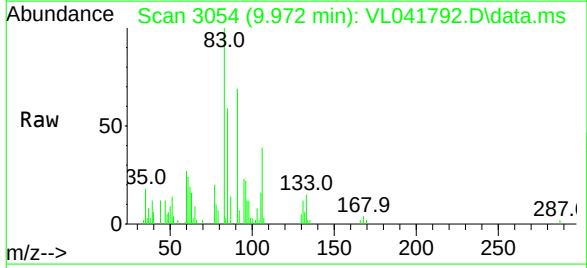
#63
1,1,2,2-Tetrachloroethane
Concen: 0.370 ppbv
RT: 9.972 min Scan# 3051
Delta R.T. 0.009 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Instrument : MSVOA_L
ClientSampleId : MDL 0.4

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.2	4.9	14.7
85	65.5	32.0	96.2

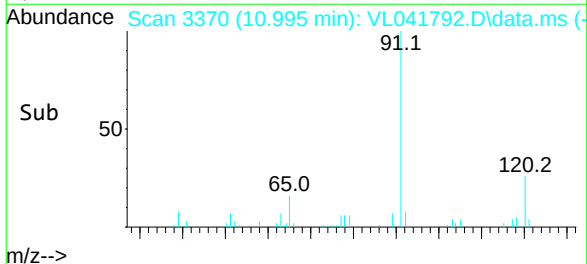
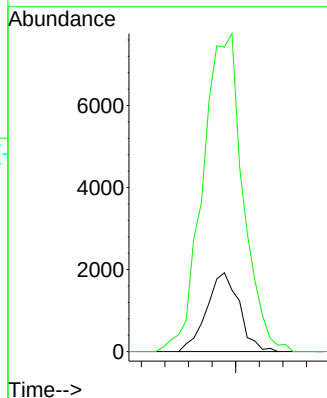
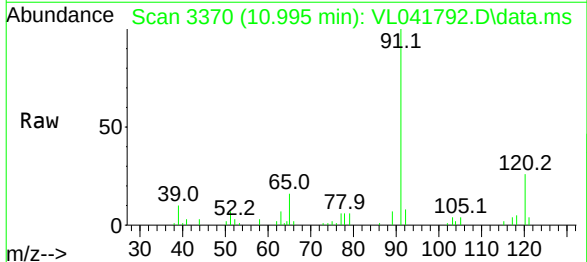
Manual Integrations
APPROVED

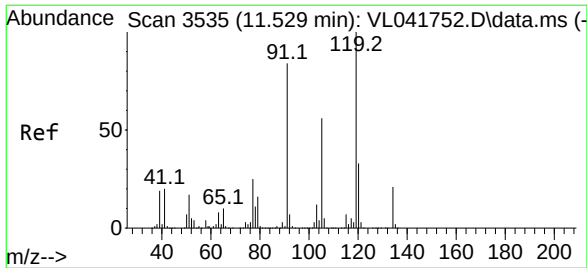
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#64
n-propylbenzene
Concen: 0.224 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

Tgt Ion	Ratio	Lower	Upper
120	100		
91	496.7	387.3	580.9





#65

tert-Butylbenzene

Concen: 0.209 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

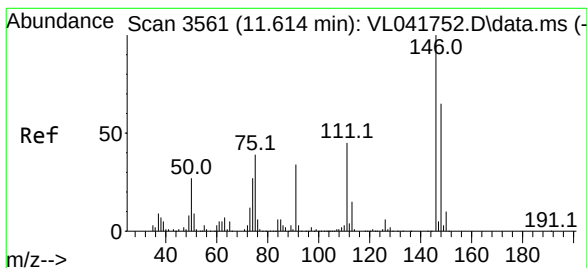
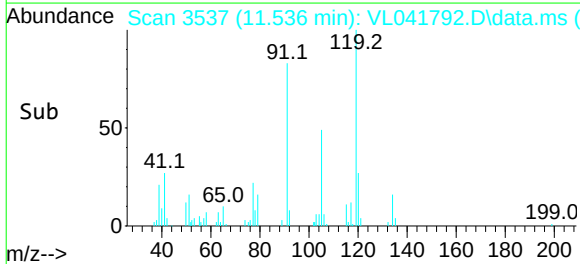
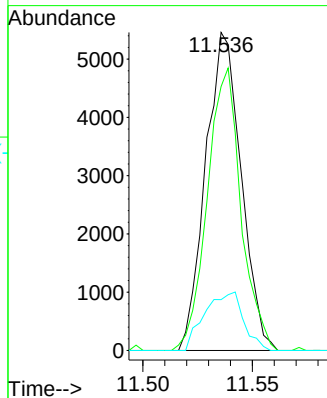
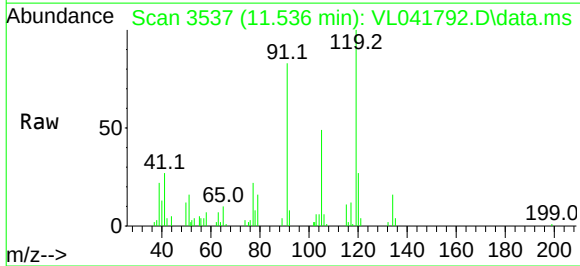
MDL 0.4

Tgt Ion:	119	Resp:	6166
Ion	Ratio	Lower	Upper
119	100		
91	84.4	67.0	100.4
134	20.0	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#66

Benzyl Chloride

Concen: 0.268 ppbv

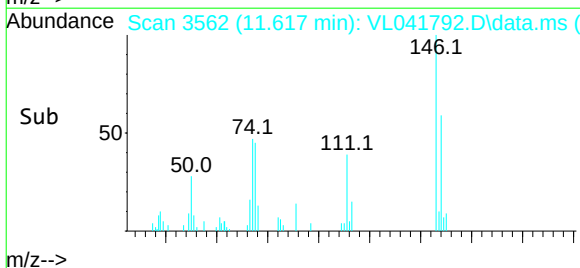
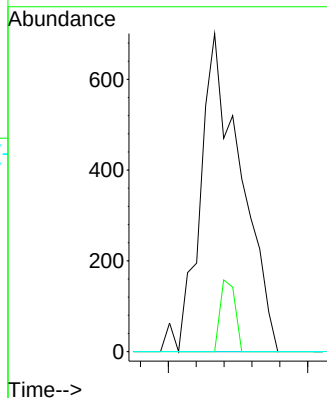
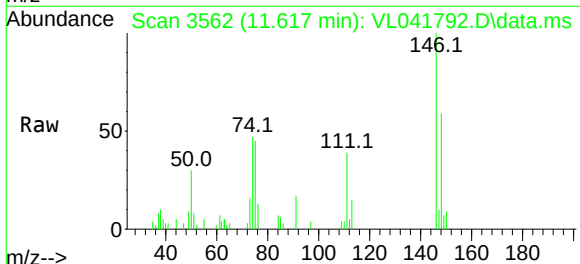
RT: 11.617 min Scan# 3562

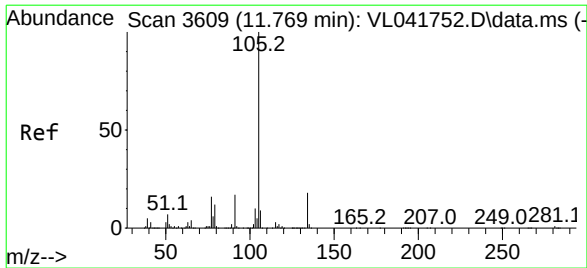
Delta R.T. 0.003 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt Ion:	91	Resp:	697
Ion	Ratio	Lower	Upper
91	100		
126	8.3	13.9	20.9#
128	0.0	4.4	6.6#





#67

sec-Butylbenzene

Concen: 0.231 ppbv

RT: 11.775 min Scan# 3609

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

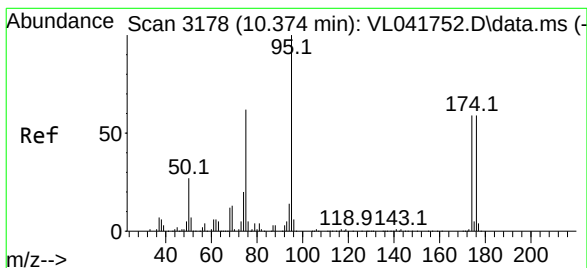
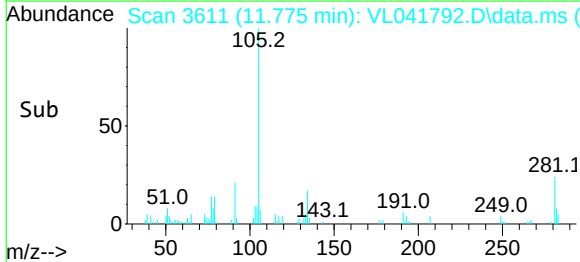
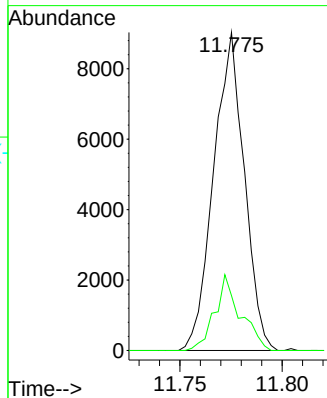
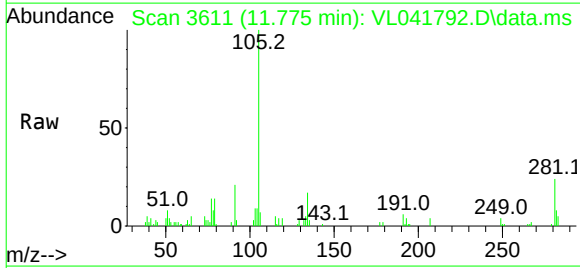
MDL 0.4

Tgt Ion: 105 Resp: 9417
 Ion Ratio Lower Upper
 105 100
 134 19.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 12/23/2024
 Supervised By : Mahesh Dadoda 12/23/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.373 ppbv

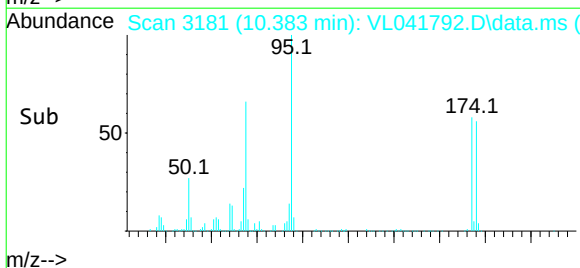
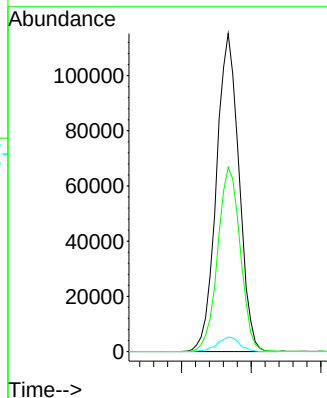
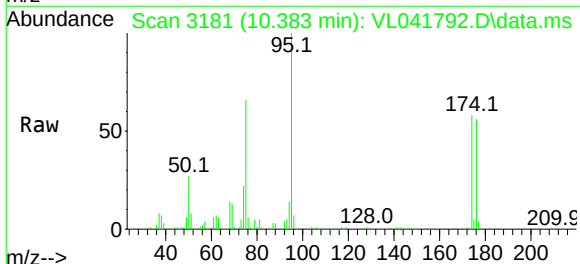
RT: 10.383 min Scan# 3181

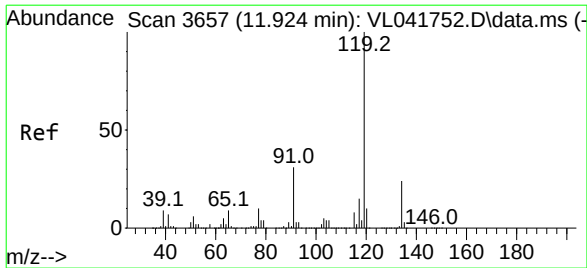
Delta R.T. 0.009 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt Ion: 95 Resp: 129651
 Ion Ratio Lower Upper
 95 100
 174 57.9 47.6 71.4
 175 4.5 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.199 ppbv

RT: 11.931 min Scan# 3657

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

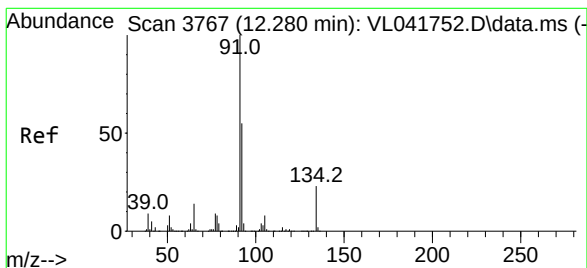
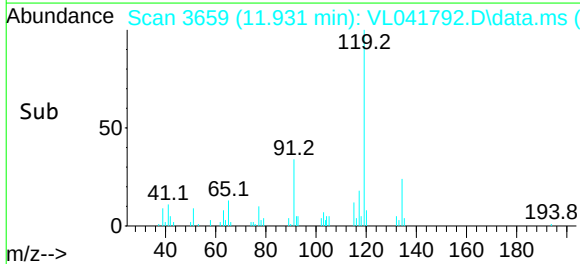
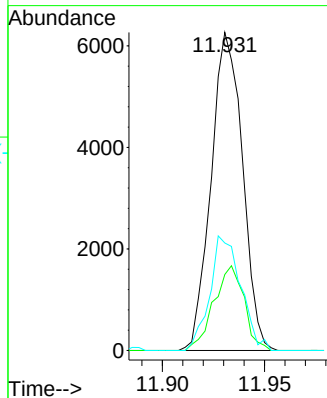
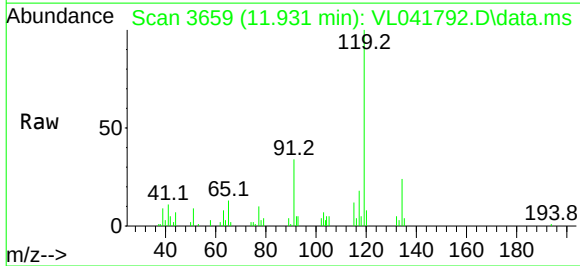
MDL 0.4

Tgt Ion:	119	Resp:	6695
Ion	Ratio	Lower	Upper
119	100		
134	25.7	19.6	29.4
91	35.6	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#70

n-Butylbenzene

Concen: 0.194 ppbv

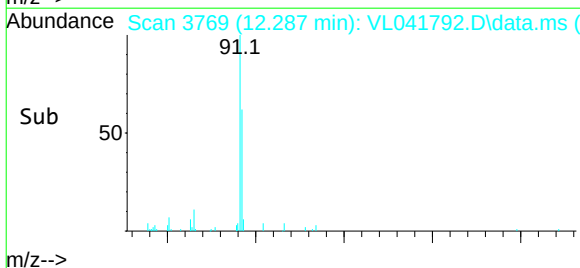
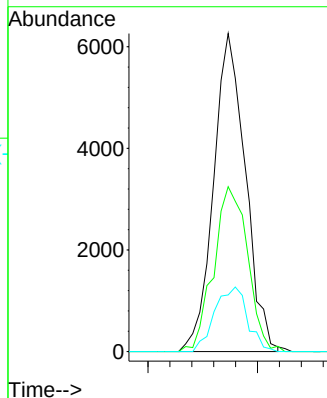
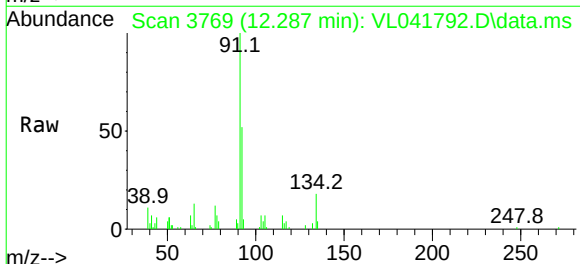
RT: 12.287 min Scan# 3769

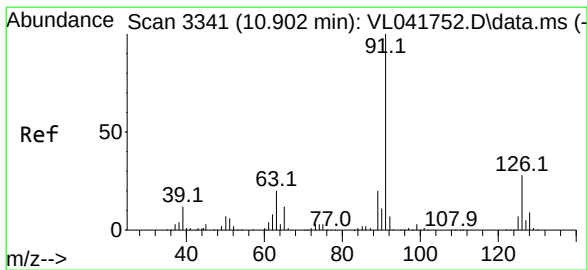
Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

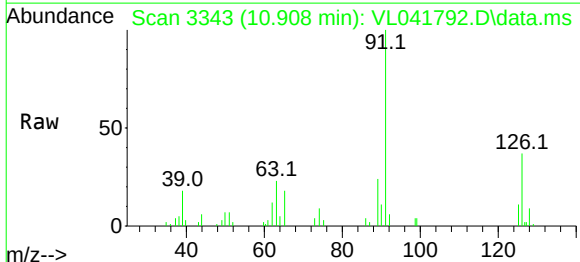
Tgt Ion:	91	Resp:	6317
Ion	Ratio	Lower	Upper
91	100		
92	55.3	43.2	64.8
134	20.9	18.2	27.4





#71
2-Chlorotoluene
Concen: 0.226 ppbv
RT: 10.908 min Scan# 3341
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30

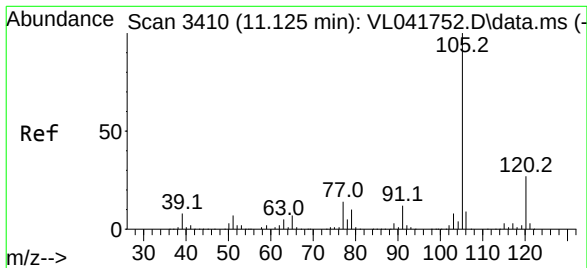
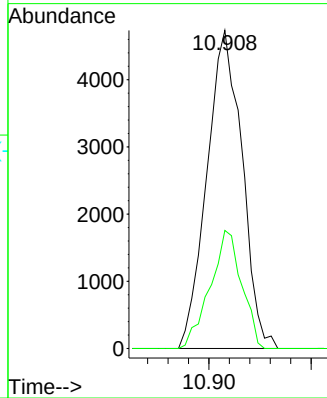
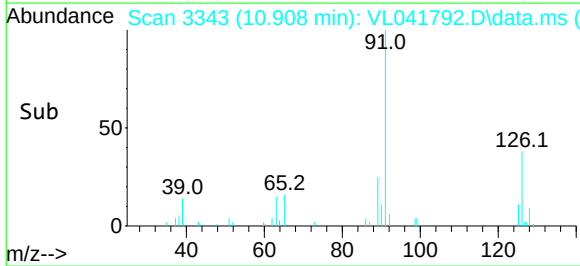
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



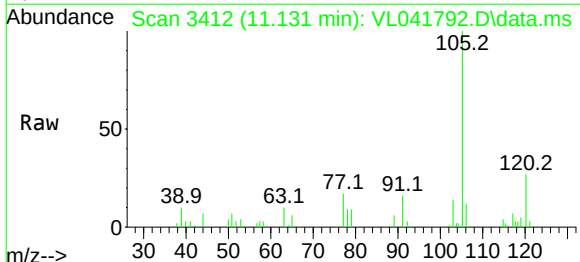
Tgt Ion: 91 Resp: 5650
Ion Ratio Lower Upper
91 100
126 33.4 11.6 46.4

Manual Integrations
APPROVED

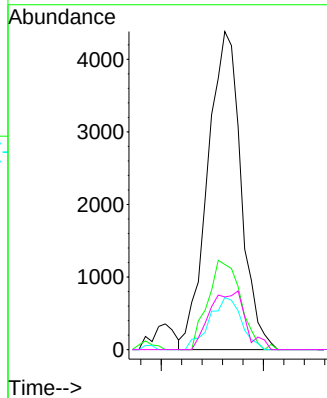
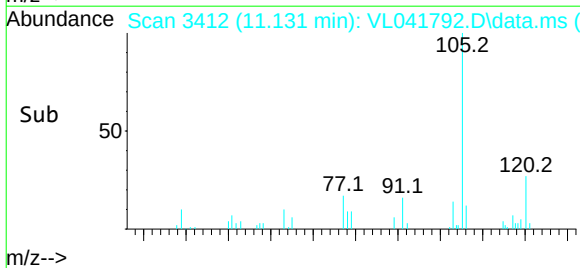
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

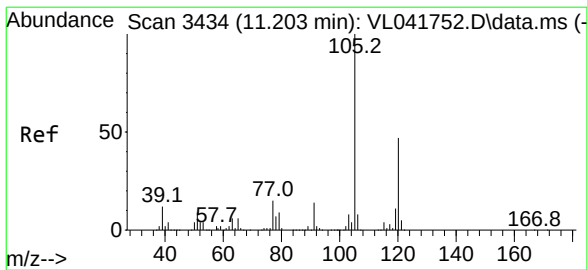


#72
4-Ethyltoluene
Concen: 0.193 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041792.D
Acq: 18 Dec 2024 13:30



Tgt Ion:105 Resp: 4955
Ion Ratio Lower Upper
105 100
120 29.3 23.3 34.9
91 15.8 10.9 16.3
77 19.6 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.207 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:105 Resp: 4408

Ion Ratio Lower Upper

105 100

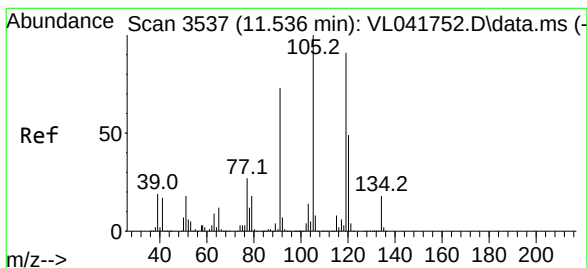
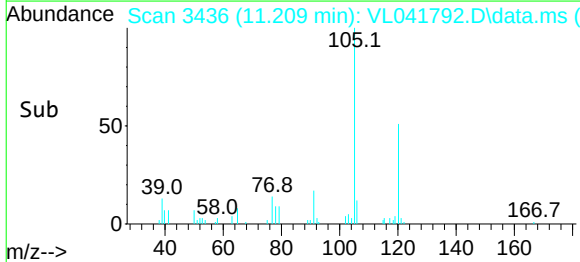
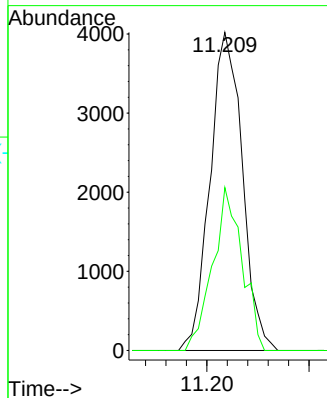
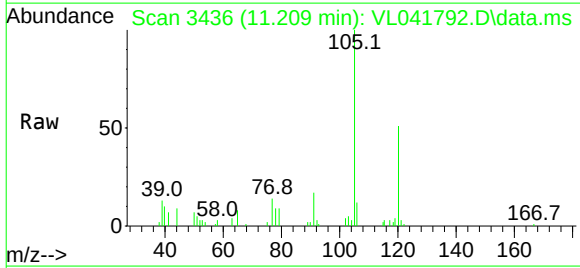
120 51.2 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.202 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt Ion:105 Resp: 4624

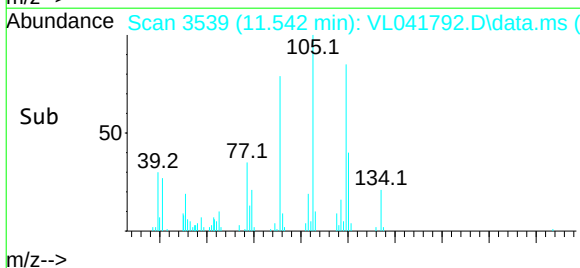
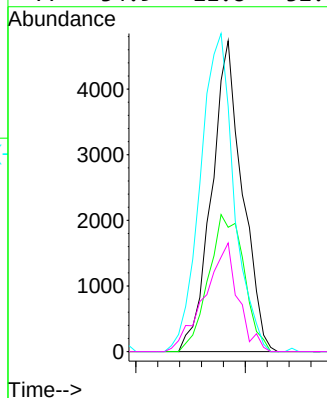
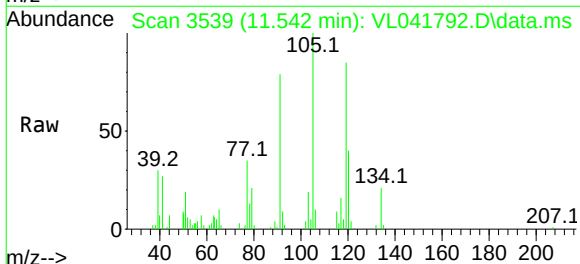
Ion Ratio Lower Upper

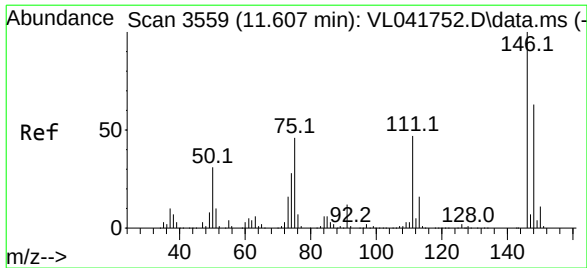
105 100

120 40.0 39.0 58.4

91 78.9 58.1 87.1

77 34.9 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.336 ppbv

RT: 11.613 min Scan# 3559

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

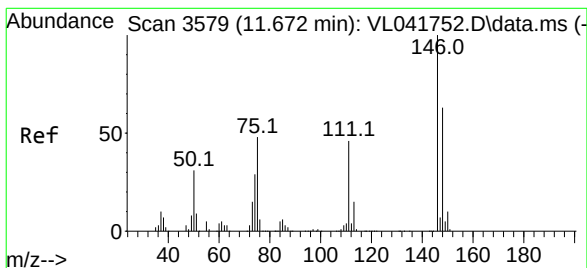
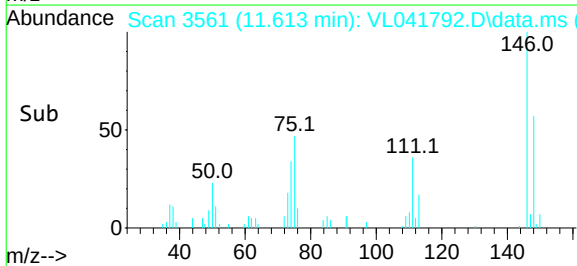
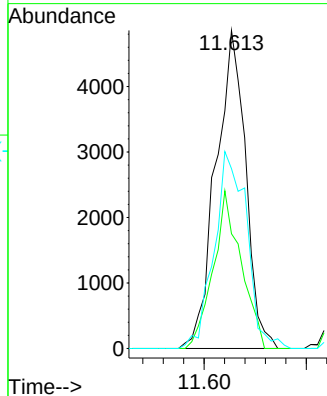
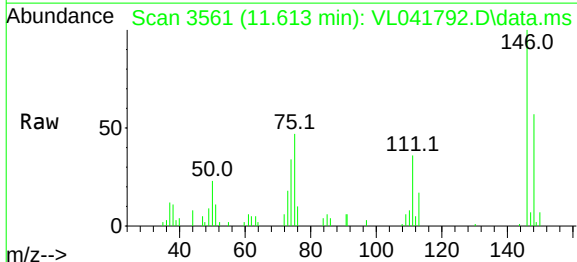
MDL 0.4

Tgt Ion:	146	Resp:	4916
Ion	Ratio	Lower	Upper
146	100		
111	46.2	23.4	70.3
148	67.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#76

1,4-Dichlorobenzene

Concen: 0.301 ppbv

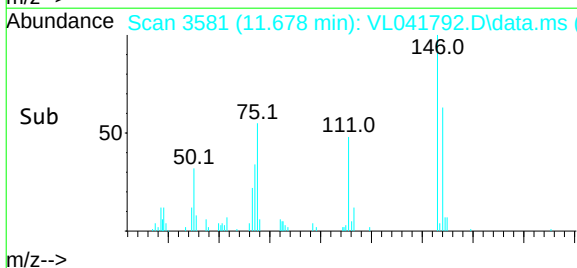
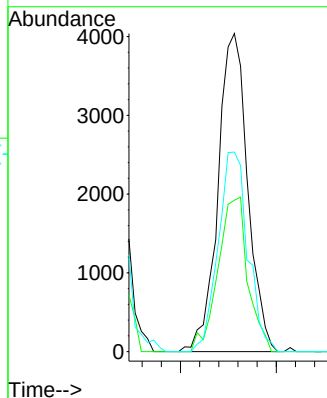
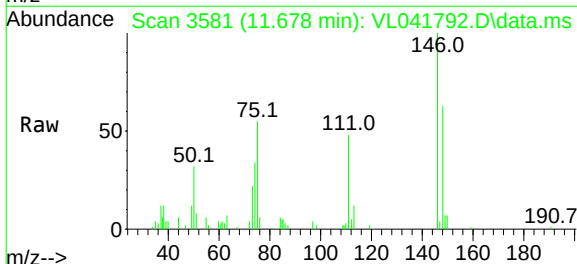
RT: 11.678 min Scan# 3581

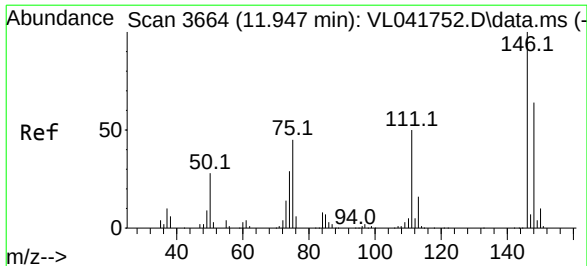
Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt Ion:	146	Resp:	4344
Ion	Ratio	Lower	Upper
146	100		
111	48.7	22.7	68.1
148	62.9	31.4	94.0





#77

1,2-Dichlorobenzene

Concen: 0.343 ppbv

RT: 11.953 min Scan# 3664

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

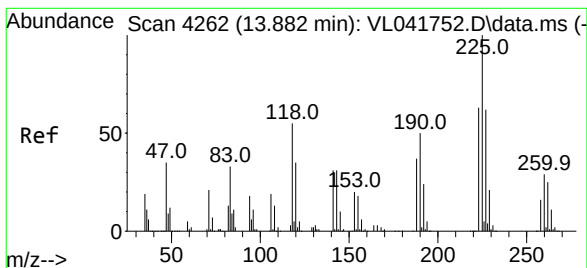
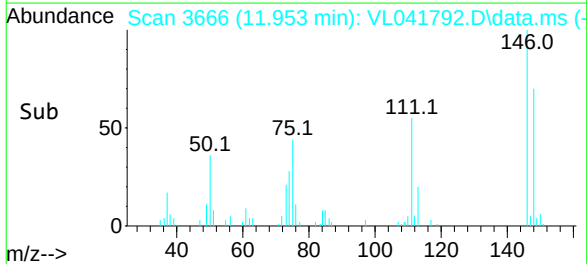
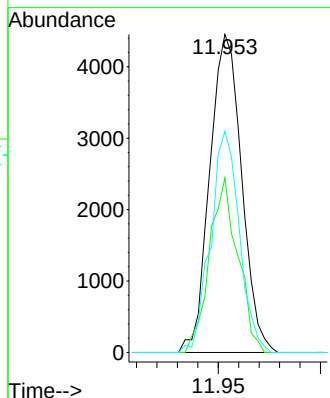
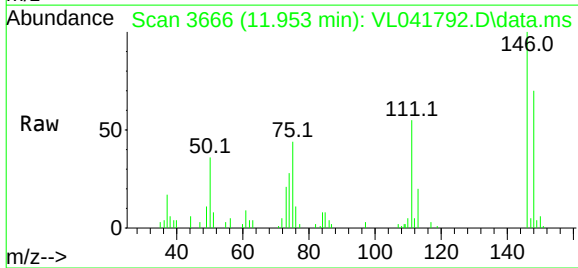
Tgt Ion:	146	Resp:	4825
Ion	Ratio	Lower	Upper
146	100		
111	49.0	24.8	74.3
148	62.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.350 ppbv

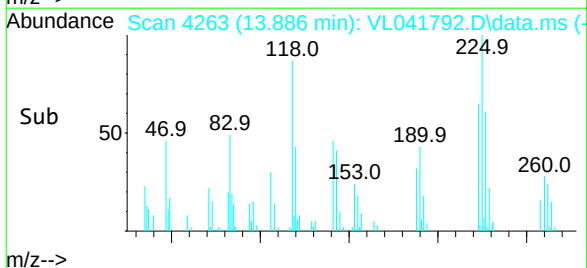
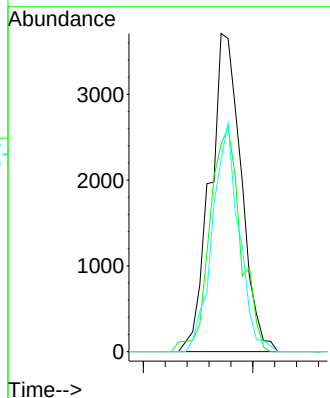
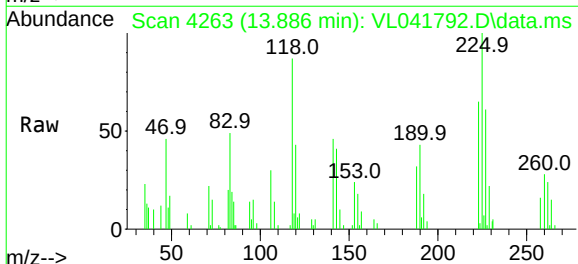
RT: 13.886 min Scan# 4263

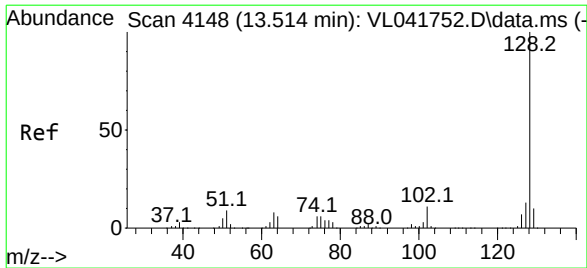
Delta R.T. 0.003 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Tgt Ion:	225	Resp:	3653
Ion	Ratio	Lower	Upper
225	100		
223	70.2	50.5	75.7
227	61.5	50.3	75.5





#79

Naphthalene

Concen: 0.129 ppbv

RT: 13.520 min Scan# 4148

Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

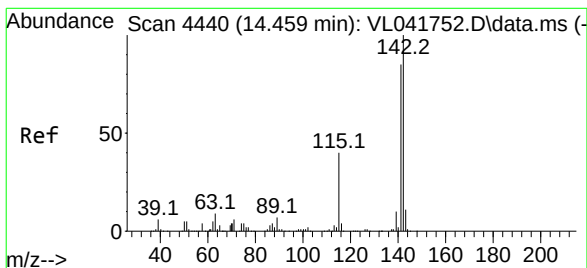
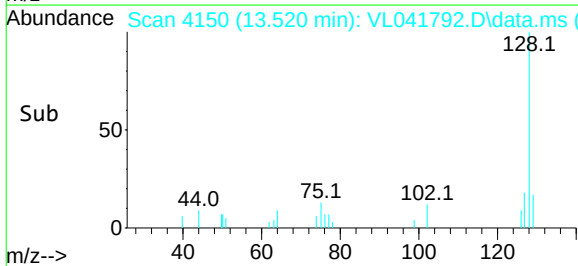
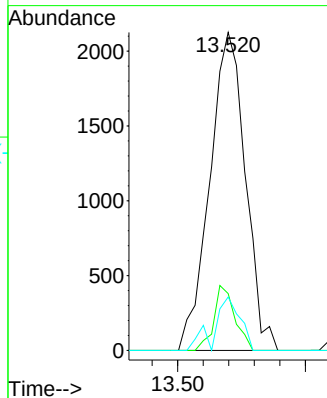
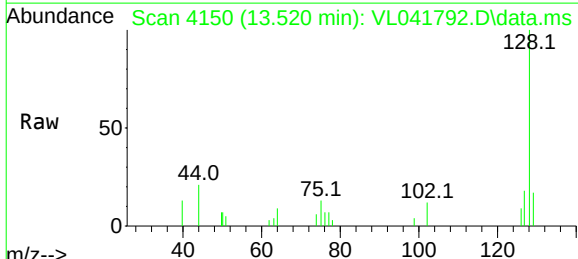
MDL 0.4

Tgt	Ion:128	Resp:	2064
Ion	Ratio	Lower	Upper
128	100		
127	17.9	10.7	16.1#
129	16.8	8.2	12.4#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#80

Naphthalene, 2-methyl-

Concen: 0.048 ppbv

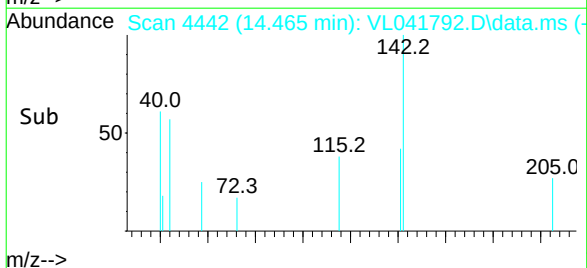
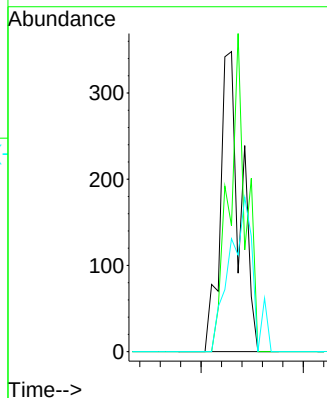
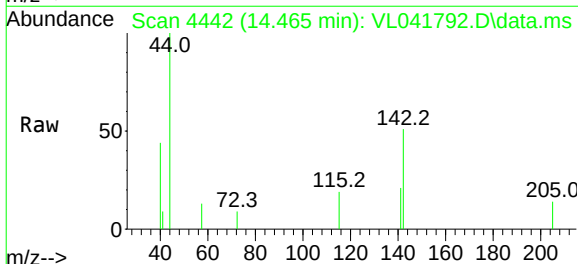
RT: 14.465 min Scan# 4442

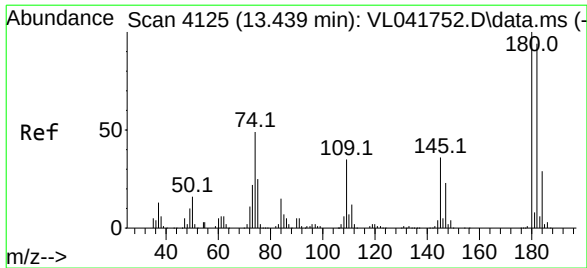
Delta R.T. 0.006 min

Lab File: VL041792.D

Acq: 18 Dec 2024 13:30

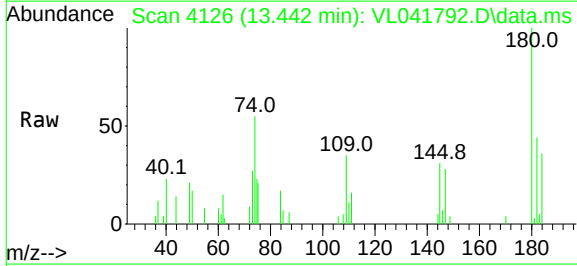
Tgt	Ion:142	Resp:	239
Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.4	102.6
115	60.3	32.5	48.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.169 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041792.D
 Acq: 18 Dec 2024 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion:	180	Resp:	1477
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.0	115.6
184	38.1	23.8	35.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

