

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041768.D
 Acq On : 17 Dec 2024 00:57
 Operator : SY/MD
 Sample : VL1216ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 03:23:27 2024

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

Internal Standards						
1) Bromochloromethane	2.791	49	58416	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	154779	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	137648	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.384 95 116882 10.190 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	113386	10.908	ppbv	97
3) Chlorodifluoromethane	1.476	51	93964	9.863	ppbv	97
4) Chloromethane	1.535	50	41734	10.262	ppbv	99
5) Vinyl Chloride	1.580	62	40647	9.920	ppbv	97
6) Bromomethane	1.671	94	19116	9.886	ppbv	100
7) Chloroethane	1.706	64	16313	10.249	ppbv	94
8) Dichlorotetrafluoroethane	1.557	85	97277	10.456	ppbv	98
9) Propene	1.486	41	34797	8.427	ppbv	96
10) Heptane	4.991	43	98111	9.250	ppbv	98
11) Trichlorofluoromethane	1.881	101	118885	10.768	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	87265	10.392	ppbv	97
13) Ethanol	1.722	45	2247	6.572	ppbv	87
14) Bromoethene	1.784	108	29223	10.308	ppbv	98
15) Acetone	1.836	43	94015	8.272	ppbv	98
16) 1,3-Butadiene	1.612	39	46514	10.393	ppbv	93
17) tert-Butyl alcohol	2.043	59	117014	10.378	ppbv	100
18) 1,1-Dichloroethene	2.036	96	36254	10.298	ppbv	96
19) Isopropyl Alcohol	1.888	45	49670	7.283	ppbv	95
20) Methylene Chloride	2.066	84	32089	9.901	ppbv	94
21) Allyl Chloride	2.098	41	62461	10.133	ppbv	98
22) trans-1,2-Dichloroethene	2.344	96	40028	9.933	ppbv	96
23) Vinyl Acetate	2.467	43	40845	7.740	ppbv	99
24) 1,1-Dichloroethane	2.412	63	83517	10.238	ppbv	99
25) Ethyl Acetate	2.839	43	204633	9.678	ppbv	99
26) Hexane	2.829	57	77041	9.601	ppbv	98
27) Carbon Disulfide	2.153	76	71423	9.878	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	61198	9.401	ppbv	100
29) Chloroform	2.852	83	126786	10.368	ppbv	100
30) Cyclohexane	3.865	84	64996	9.520	ppbv	99
31) cis-1,2-Dichloroethene	2.726	61	81514	9.831	ppbv	100
32) 1,1,1-Trichloroethane	3.376	97	128623	10.347	ppbv	99
34) 2-Butanone	2.561	43	118757	9.537	ppbv	99
35) Carbon Tetrachloride	3.771	117	127059	11.564	ppbv	98
36) Benzene	3.664	78	155172	9.692	ppbv	98
37) 1,2-Dichloroethane	3.224	62	105933	10.633	ppbv	100
38) Trichloroethene	4.554	130	61730	9.083	ppbv	94
39) 1,2-Dichloropropane	4.321	63	55187	9.531	ppbv	98
40) 1,4-Dioxane	4.597	88	24077	8.512	ppbv #	95
41) Tetrahydrofuran	3.059	42	63737	9.137	ppbv	97
42) Bromodichloromethane	4.499	83	122435	10.683	ppbv	95
43) Methyl Methacrylate	4.888	69	60160	9.862	ppbv	100
44) 2,2,4-Trimethylpentane	4.652	57	266101	9.732	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	59837	9.483	ppbv	96

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Instrument :
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Quant Time: Dec 20 03:23:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

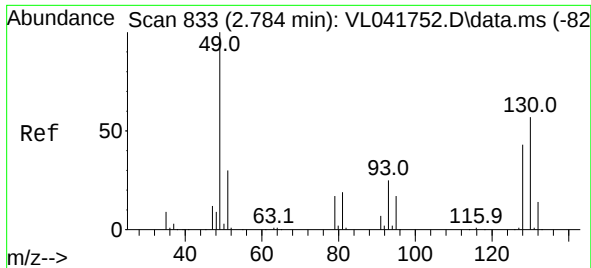
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.610	75	76789m	9.586	ppbv	
47) 1,1,2-Trichloroethane	6.594	97	59178	9.784	ppbv	95
48) Dibromochloromethane	7.399	129	88987	10.775	ppbv	98
49) Bromoform	9.494	173	70925	10.492	ppbv	99
50) 4-Methyl-2-Pentanone	5.768	43	162609	9.591	ppbv	100
51) 2-Hexanone	7.448	43	128365	9.341	ppbv #	99
52) Tetrachloroethene	8.235	164	52775	8.856	ppbv	96
53) Toluene	6.946	91	172200	9.487	ppbv	100
54) 1,2-Dibromoethane	7.665	107	80944	9.713	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.934	131	76261	10.451	ppbv	99
57) Chlorobenzene	8.930	112	134275	9.533	ppbv	97
58) Ethyl Benzene	9.364	91	245908	9.923	ppbv	99
59) m/p-Xylene	9.562	91	395371m	19.842	ppbv	
60) o-Xylene	9.973	91	199635	9.991	ppbv	99
61) Styrene	9.879	104	88772	10.274	ppbv	97
62) Isopropylbenzene	10.549	105	298974	9.959	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	116651	9.326	ppbv	99
64) n-propylbenzene	10.995	120	72410	9.540	ppbv	99
65) tert-Butylbenzene	11.539	119	257953	9.524	ppbv	98
66) Benzyl Chloride	11.623	91	16248	6.810	ppbv	99
67) sec-Butylbenzene	11.775	105	357030	9.526	ppbv	100
69) p-Isopropyltoluene	11.934	119	289099	9.359	ppbv	99
70) n-Butylbenzene	12.287	91	274850	9.209	ppbv	99
71) 2-Chlorotoluene	10.908	91	215278	9.395	ppbv	99
72) 4-Ethyltoluene	11.131	105	226930	9.622	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	194190	9.924	ppbv	98
74) 1,2,4-Trimethylbenzene	11.546	105	205687	9.775	ppbv	97
75) 1,3-Dichlorobenzene	11.614	146	116440	8.679	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	113920	8.595	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	111014	8.600	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	71736	7.495	ppbv	99
79) Naphthalene	13.520	128	148712	10.143	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	56861	12.538	ppbv	98
81) 1,2,4-Trichlorobenzene	13.446	180	71501	8.924	ppbv	98

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

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2024

[illegible]



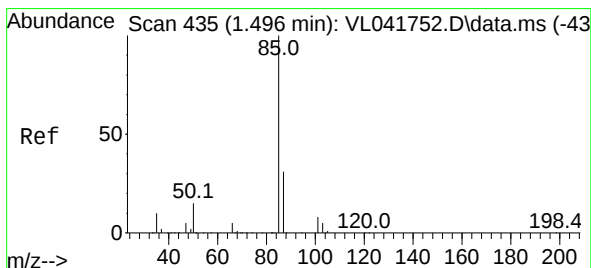
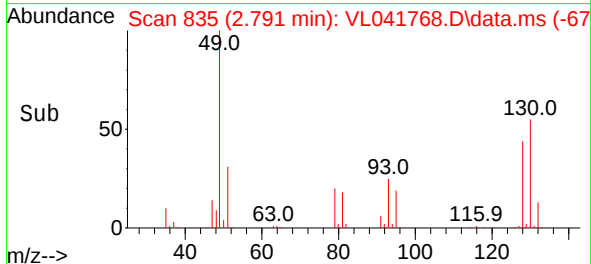
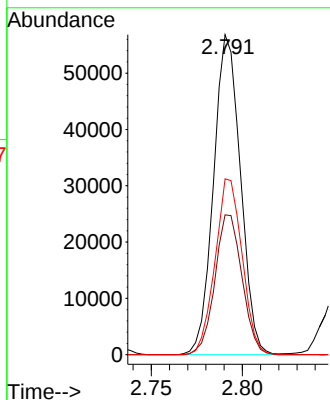
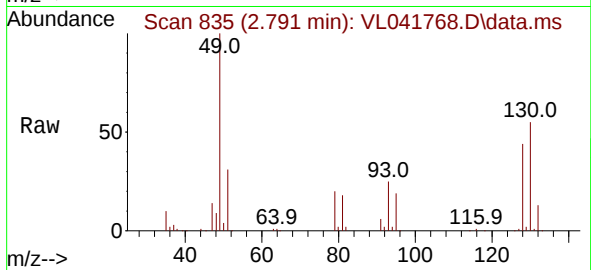
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 834
Delta R.T. 0.007 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01

Tgt Ion: 49 Resp: 58410
Ion Ratio Lower Upper
49 100
128 44.0 21.6 64.6
130 55.3 28.3 85.0

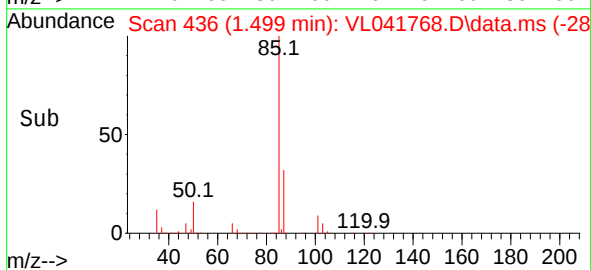
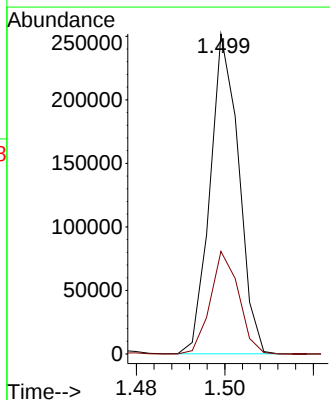
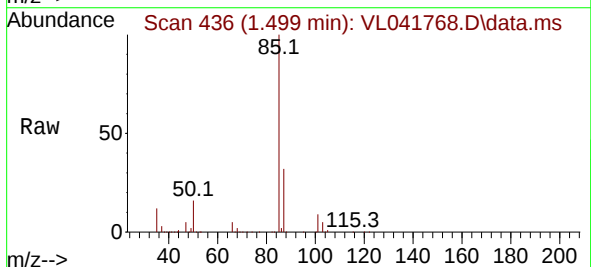
Manual Integrations
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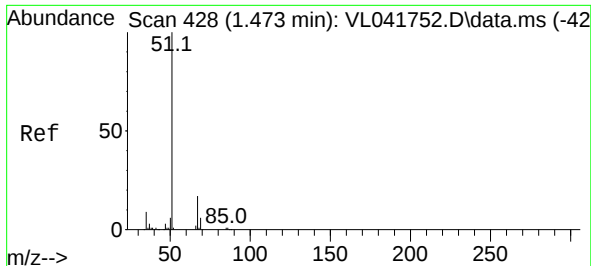
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 10.908 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Tgt Ion: 85 Resp: 113386
Ion Ratio Lower Upper
85 100
87 32.1 24.5 36.7





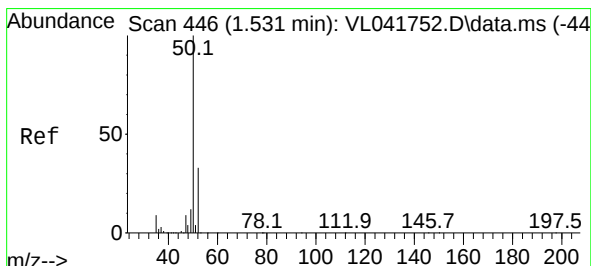
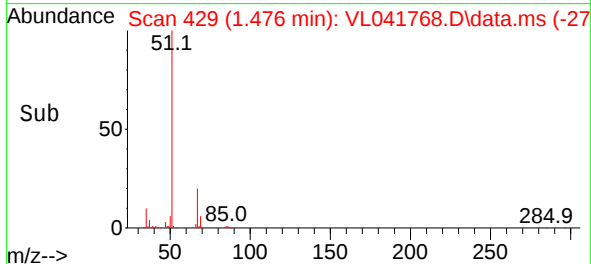
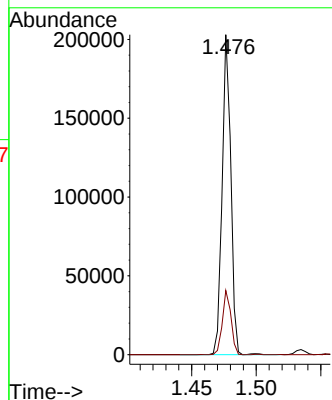
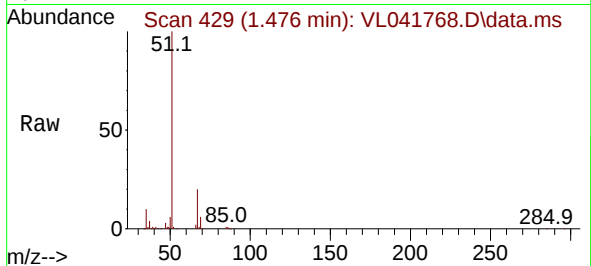
#3
Chlorodifluoromethane
Concen: 9.863 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01

Tgt Ion: 51 Resp: 9396
Ion Ratio Lower Upper
51 100
67 20.0 15.0 22.4

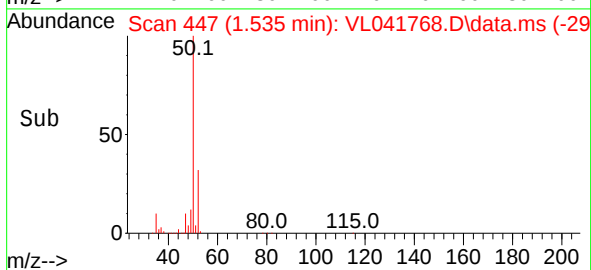
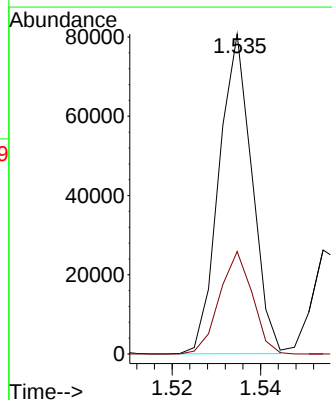
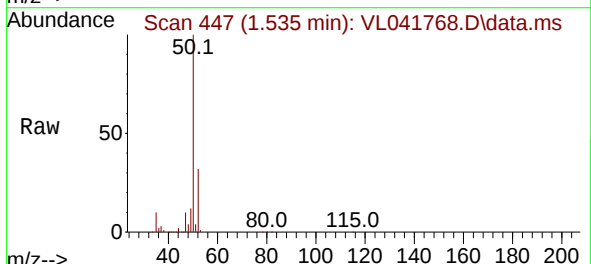
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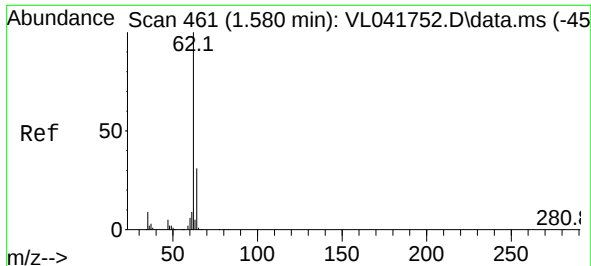
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Chloromethane
Concen: 10.262 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

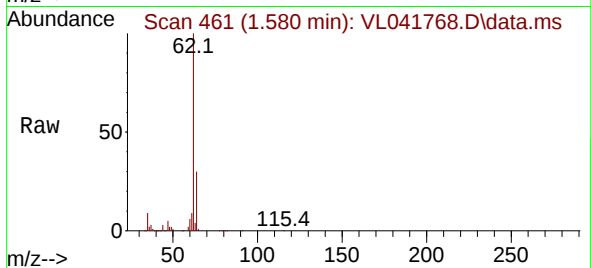
Tgt Ion: 50 Resp: 41734
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2





#5
 Vinyl Chloride
 Concen: 9.920 ppbv
 RT: 1.580 min Scan# 4064
 Delta R.T. 0.000 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57

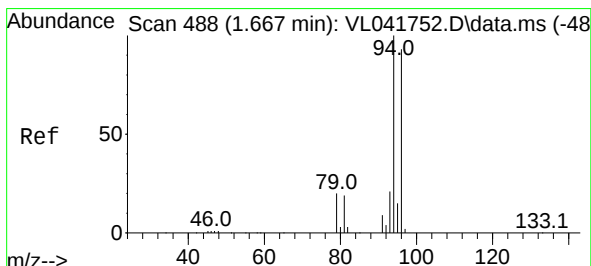
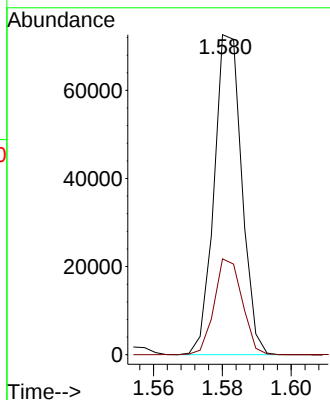
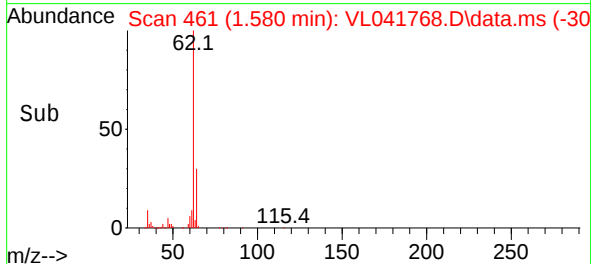
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABS01



Tgt Ion: 62 Resp: 4064
 Ion Ratio Lower Upper
 62 100
 64 29.9 25.1 37.7

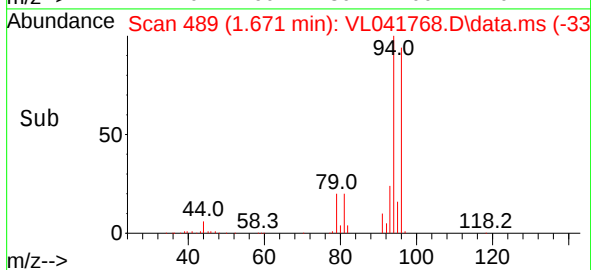
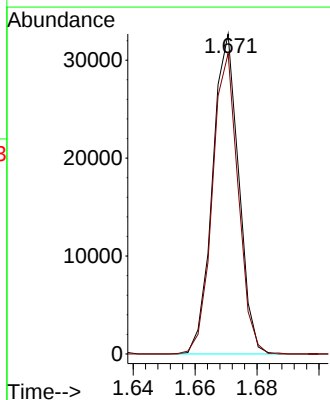
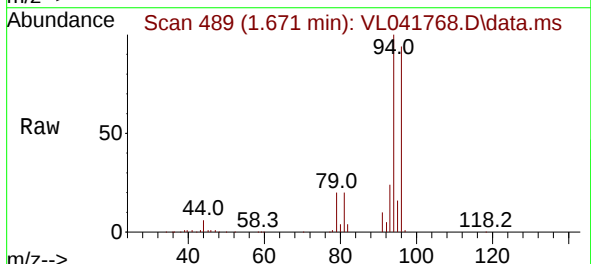
Manual Integrations
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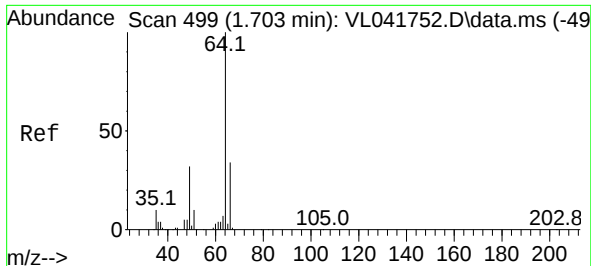
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#6
 Bromomethane
 Concen: 9.886 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57

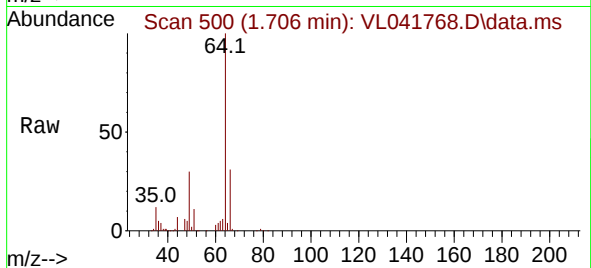
Tgt Ion: 94 Resp: 19116
 Ion Ratio Lower Upper
 94 100
 96 93.7 74.7 112.1





#7
Chloroethane
Concen: 10.249 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

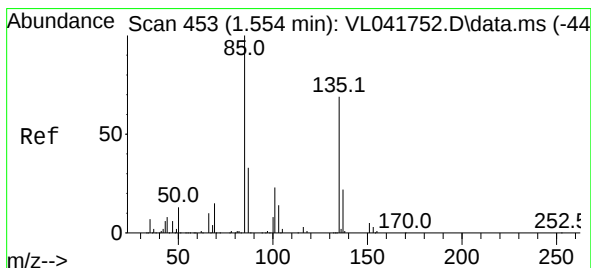
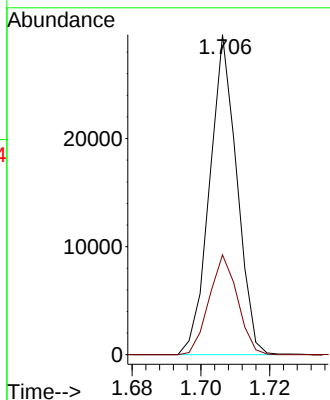
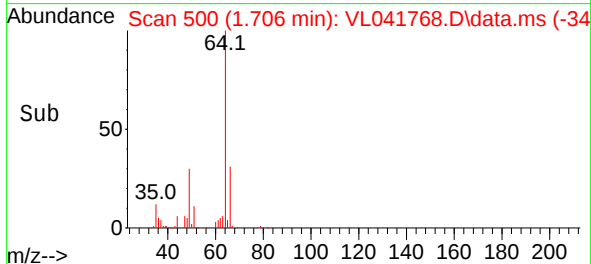
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



Tgt Ion: 64 Resp: 1631
Ion Ratio Lower Upper
64 100
66 31.2 27.5 41.3

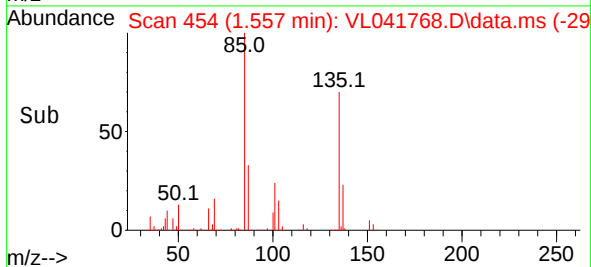
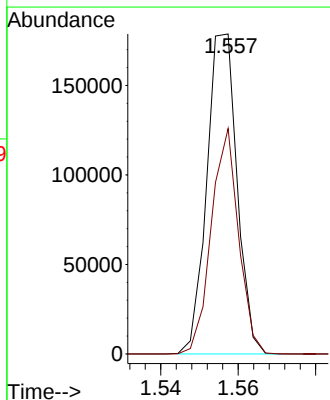
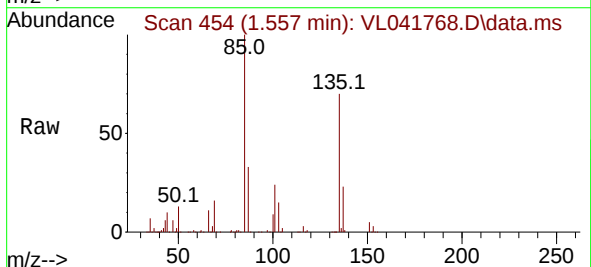
Manual Integrations
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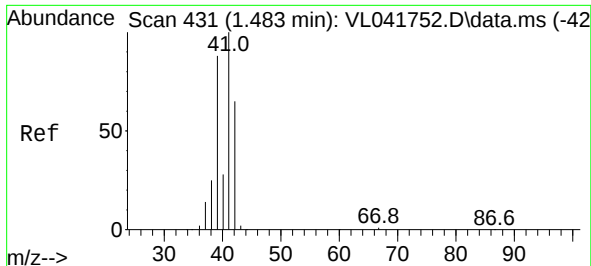
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 10.456 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Tgt Ion: 85 Resp: 97277
Ion Ratio Lower Upper
85 100
135 63.3 51.9 77.9





#9

Propene

Concen: 8.427 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion: 41 Resp: 3479

Ion Ratio Lower Upper

41 100

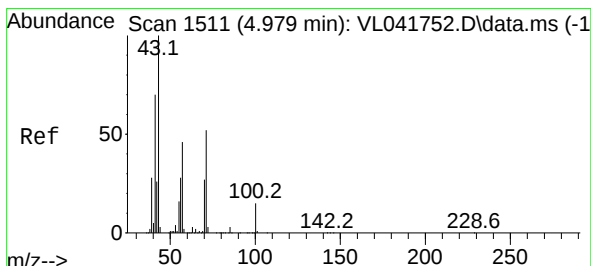
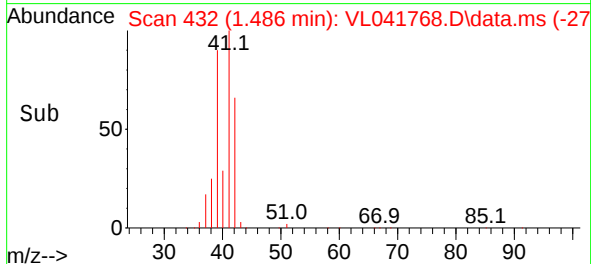
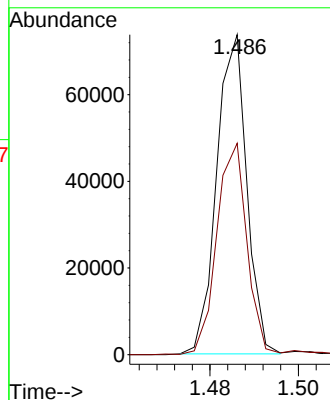
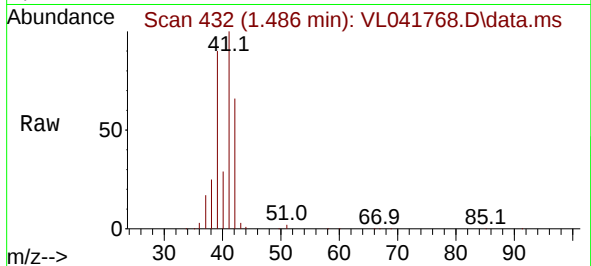
42 68.3 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#10

Heptane

Concen: 9.250 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.013 min

Lab File: VL041768.D

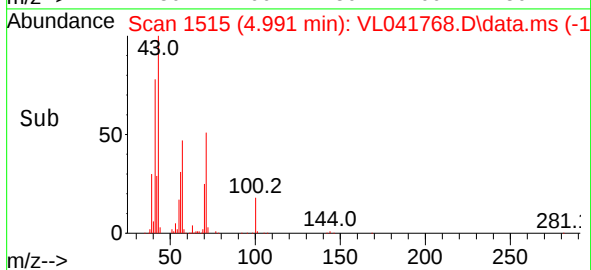
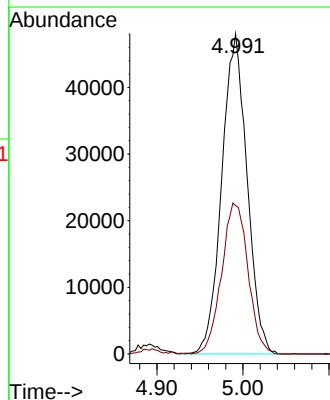
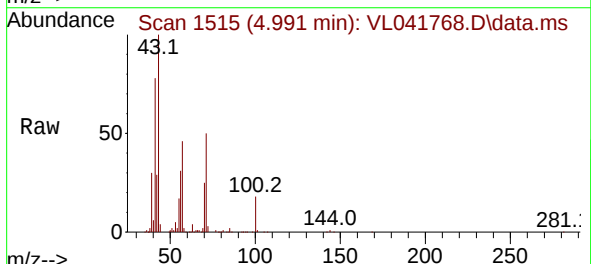
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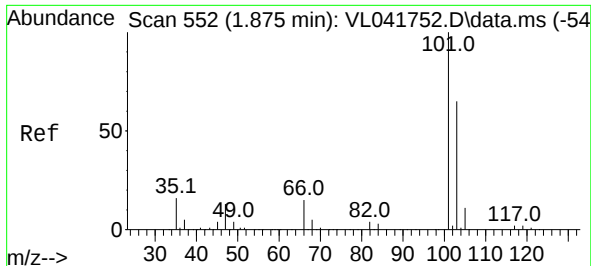
Tgt Ion: 43 Resp: 98111

Ion Ratio Lower Upper

43 100

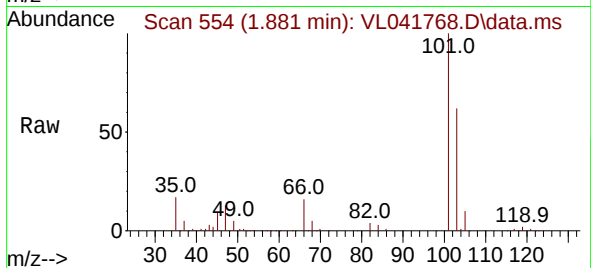
57 49.2 38.5 57.7





#11
 Trichlorofluoromethane
 Concen: 10.768 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57

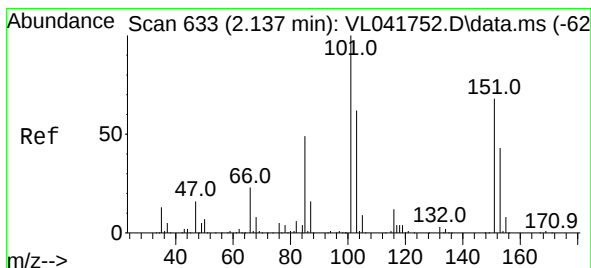
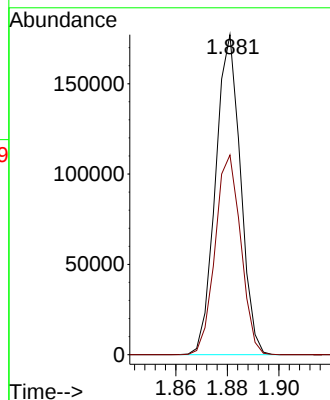
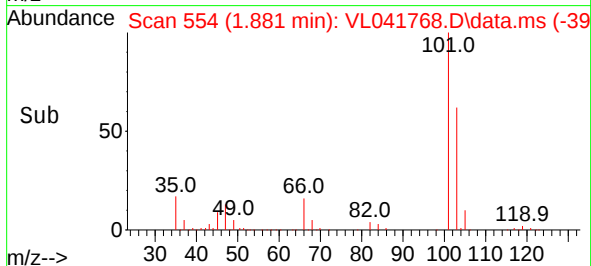
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABS01



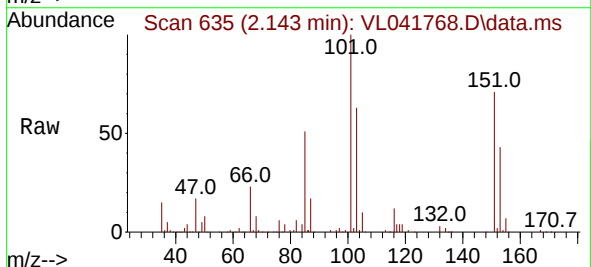
Tgt Ion:101 Resp: 11888
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.8 77.8

Manual Integrations
 APPROVED

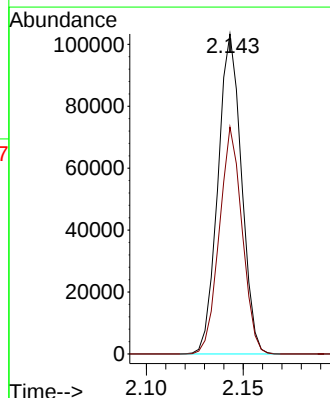
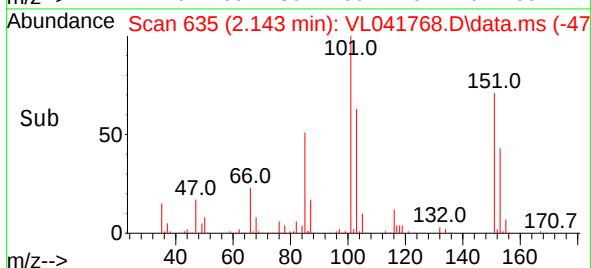
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

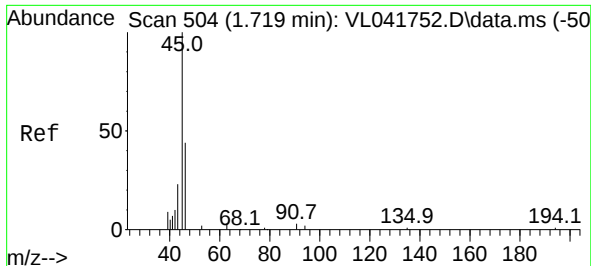


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.392 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.006 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57



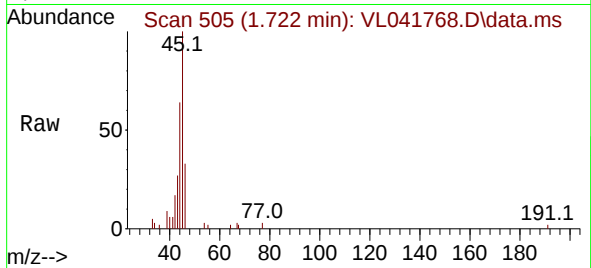
Tgt Ion:101 Resp: 87265
 Ion Ratio Lower Upper
 101 100
 151 68.6 56.8 85.2





#13
Ethanol
Concen: 6.572 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

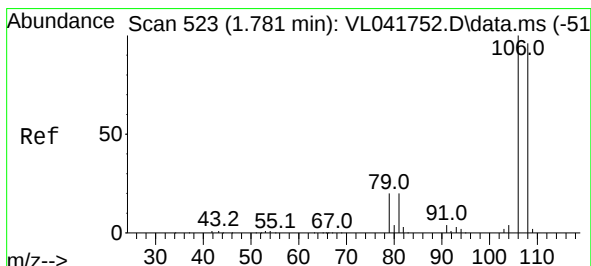
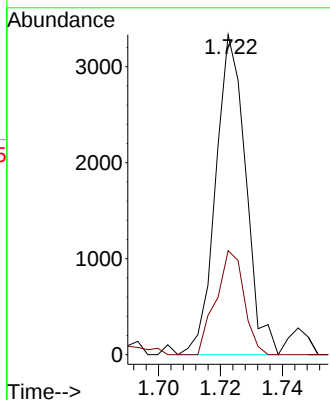
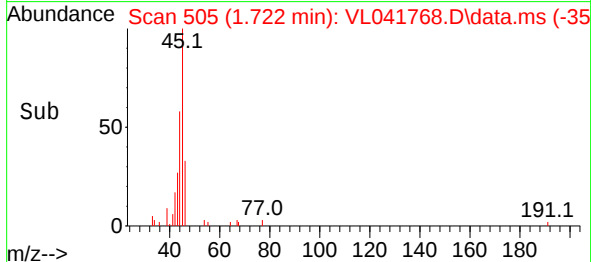
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



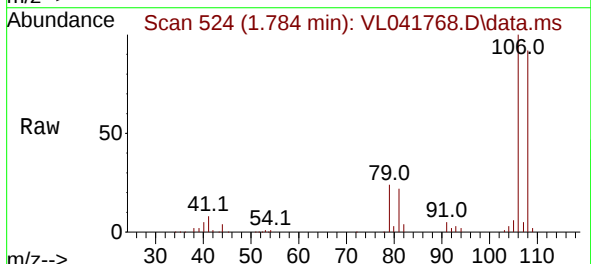
Tgt Ion: 45 Resp: 224
Ion Ratio Lower Upper
45 100
46 32.8 16.4 65.8

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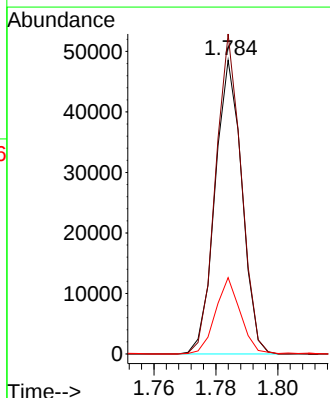
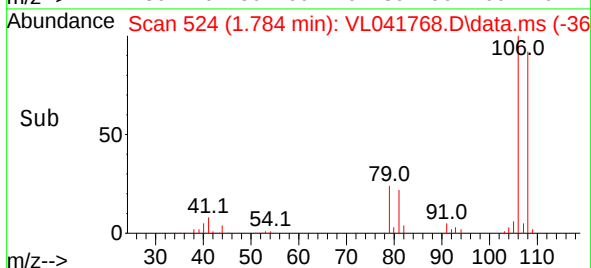
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#14
Bromoethene
Concen: 10.308 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57



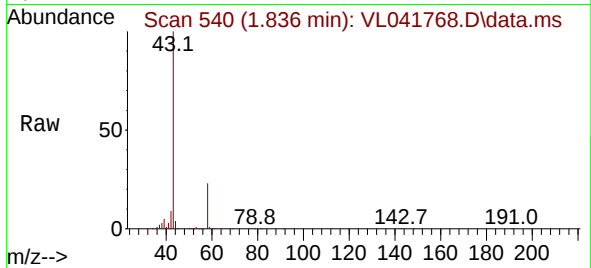
Tgt Ion:108 Resp: 29223
Ion Ratio Lower Upper
108 100
106 103.8 84.1 126.1
79 24.4 17.4 26.0





#15
Acetone
Concen: 8.272 ppbv
RT: 1.836 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

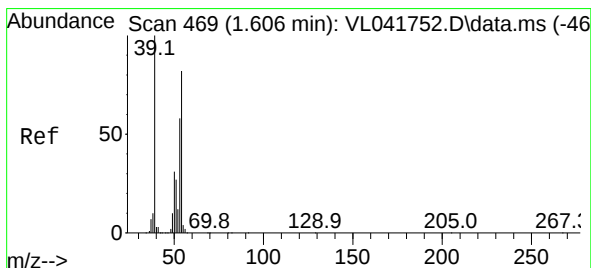
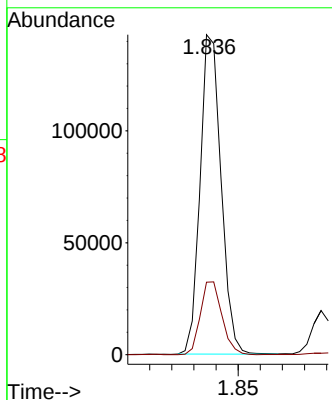
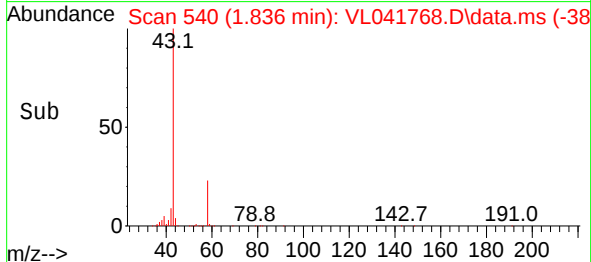
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



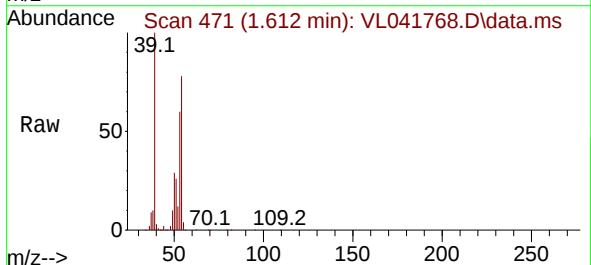
Tgt Ion: 43 Resp: 94015
Ion Ratio Lower Upper
43 100
58 23.5 19.7 29.5

Manual Integrations
APPROVED

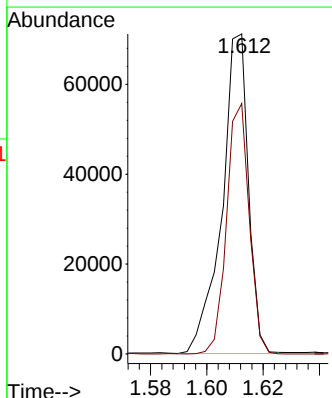
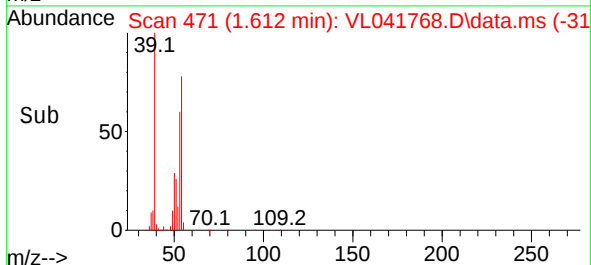
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

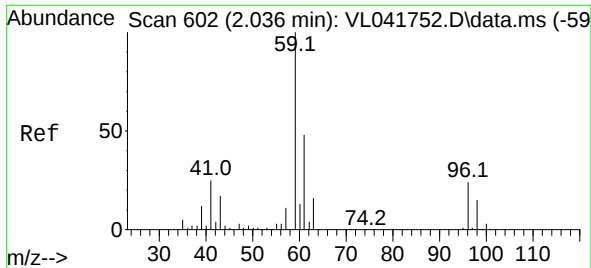


#16
1,3-Butadiene
Concen: 10.393 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57



Tgt Ion: 39 Resp: 46514
Ion Ratio Lower Upper
39 100
54 66.9 58.4 87.6





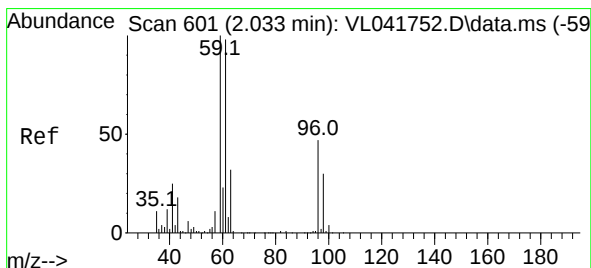
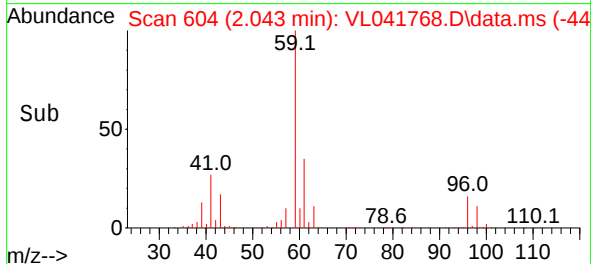
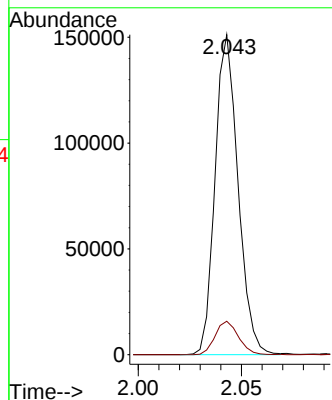
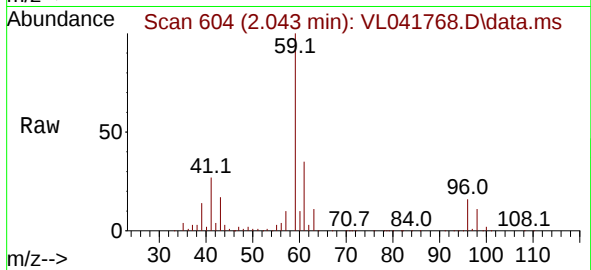
#17
tert-Butyl alcohol
Concen: 10.378 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01

Tgt Ion: 59 Resp: 117014
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

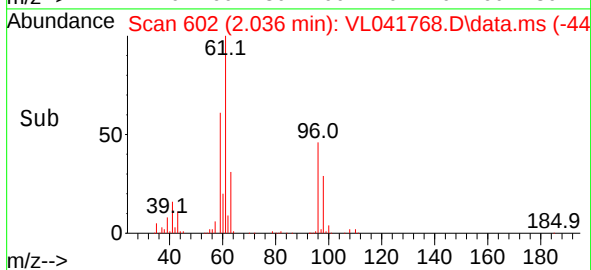
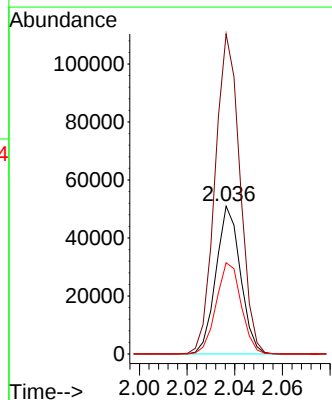
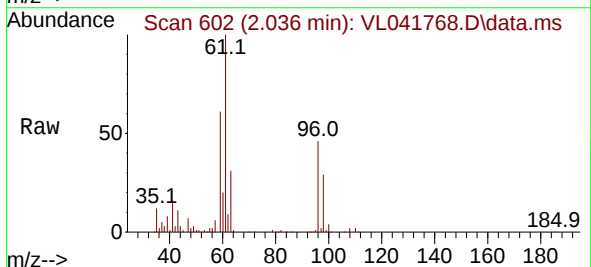
Manual Integrations
APPROVED

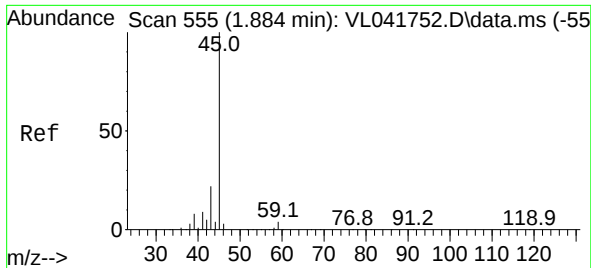
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
1,1-Dichloroethene
Concen: 10.298 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Tgt Ion: 96 Resp: 36254
Ion Ratio Lower Upper
96 100
61 216.5 167.7 251.5
98 61.7 51.1 76.7





#19

Isopropyl Alcohol

Concen: 7.283 ppbv

RT: 1.888 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

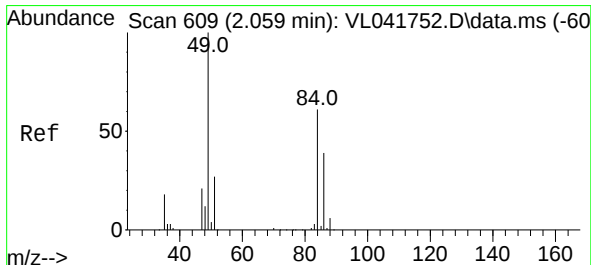
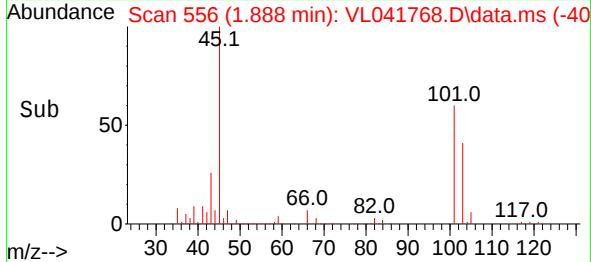
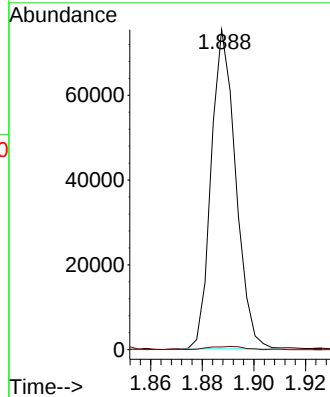
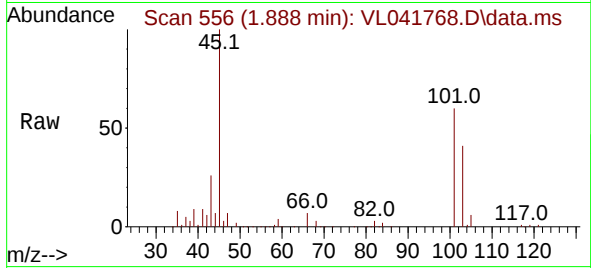
VL1216ABS01

Tgt Ion: 45 Resp: 49670
 Ion Ratio Lower Upper
 45 100
 58 44.6 33.3 49.9

Manual Integrations

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



#20

Methylene Chloride

Concen: 9.901 ppbv

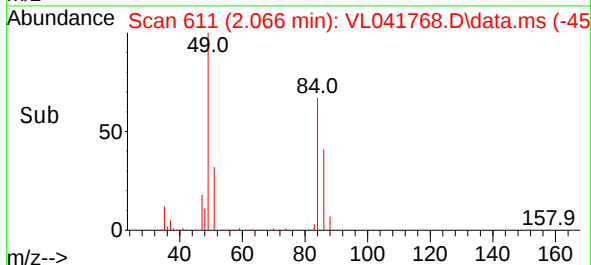
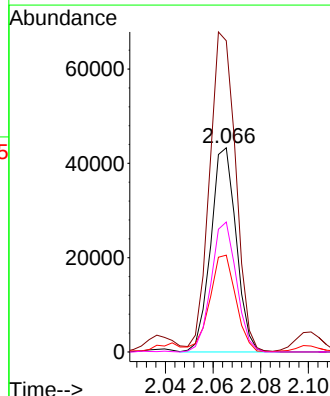
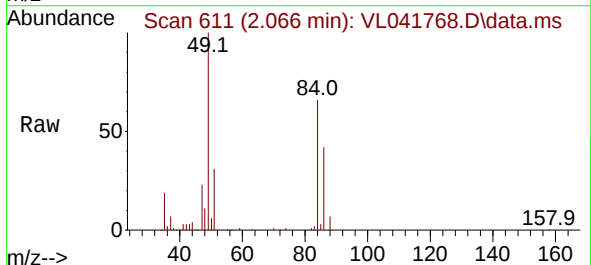
RT: 2.066 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion: 84 Resp: 32089
 Ion Ratio Lower Upper
 84 100
 49 151.5 132.6 198.8
 51 47.0 37.6 56.4
 86 63.6 51.4 77.0





#21

Allyl Chloride

Concen: 10.133 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion: 41 Resp: 6246

Ion Ratio Lower Upper

41 100

76 27.9 22.3 33.5

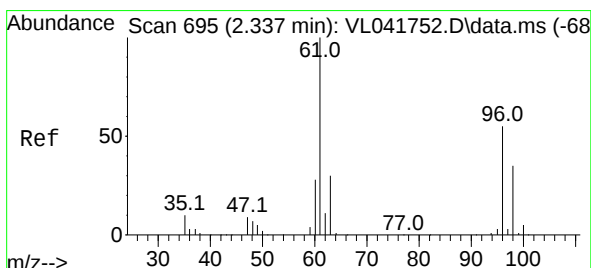
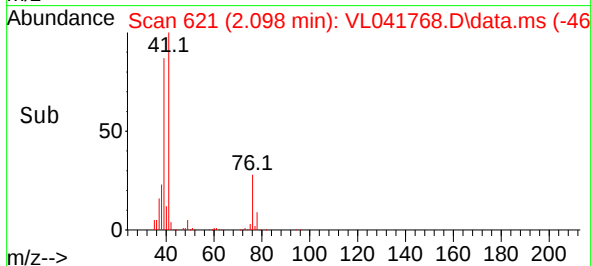
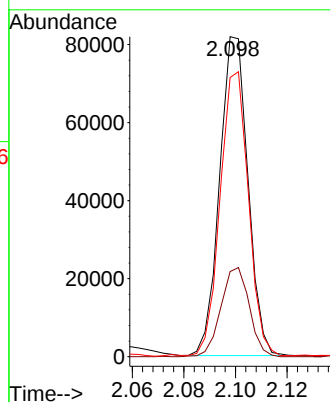
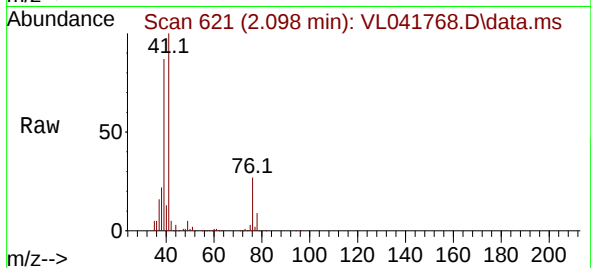
39 89.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#22

trans-1,2-Dichloroethene

Concen: 9.933 ppbv

RT: 2.344 min Scan# 697

Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

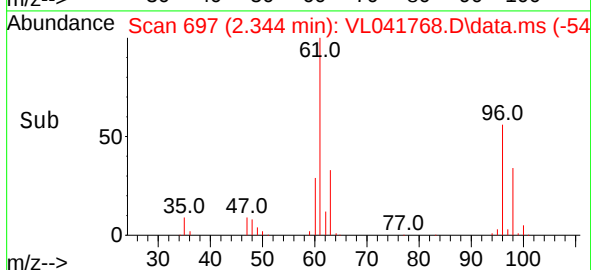
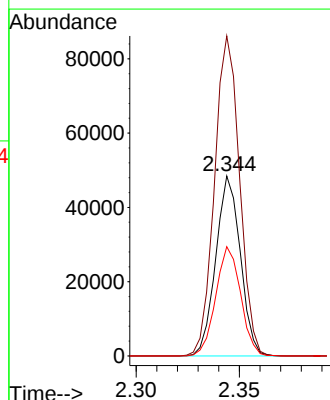
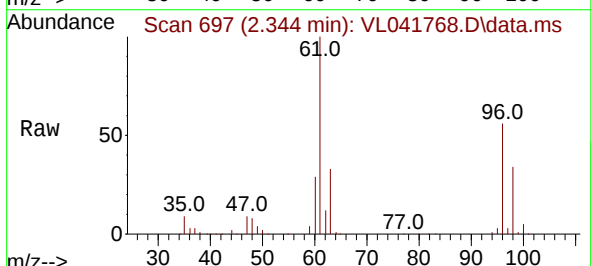
Tgt Ion: 96 Resp: 40028

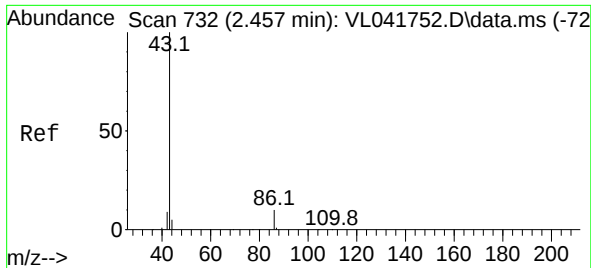
Ion Ratio Lower Upper

96 100

61 177.7 146.3 219.5

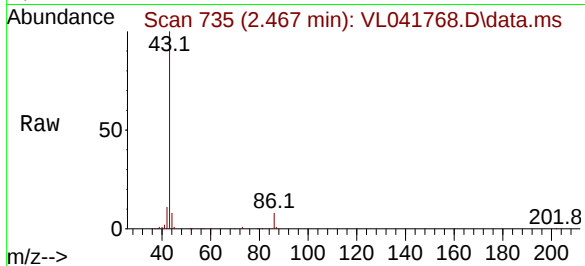
98 60.7 50.8 76.2





#23
 Vinyl Acetate
 Concen: 7.740 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.010 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57

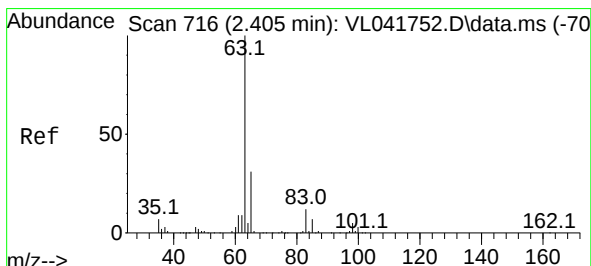
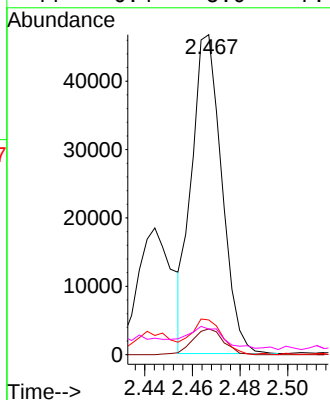
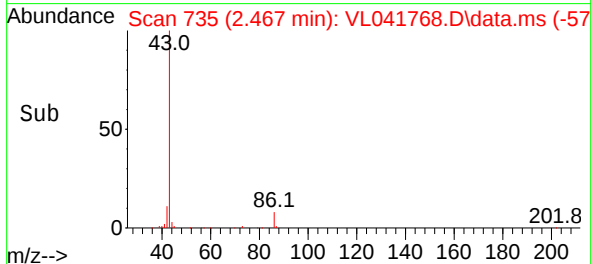
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1216ABS01



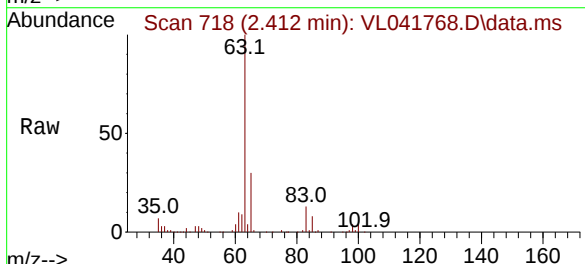
Tgt Ion: 43 Resp: 40849
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.6 10.0
 42 10.9 8.2 12.2
 44 6.4 5.0 7.4

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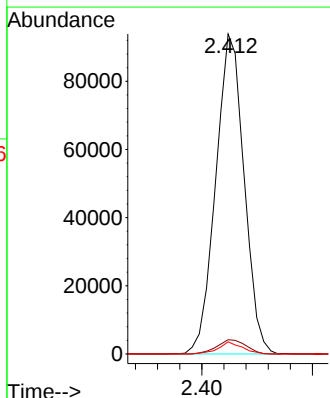
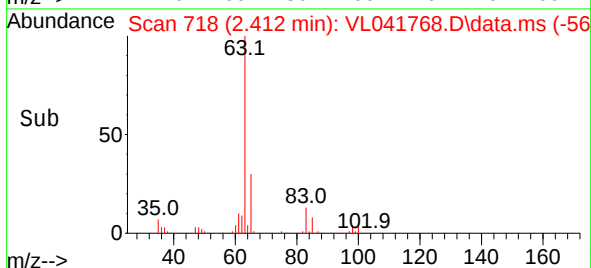
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

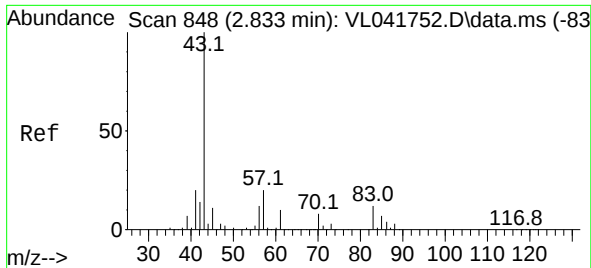


#24
 1,1-Dichloroethane
 Concen: 10.238 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57



Tgt Ion: 63 Resp: 83517
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.3 6.8
 100 3.8 1.4 4.2





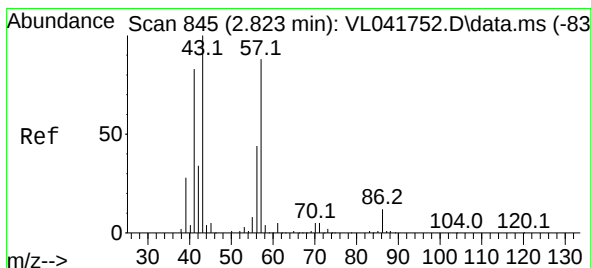
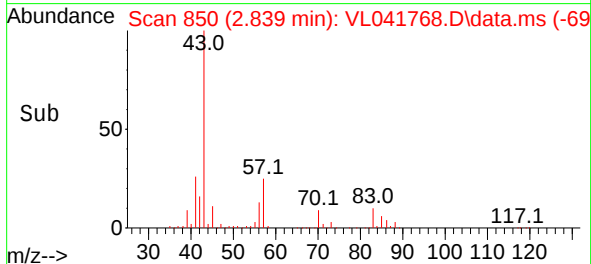
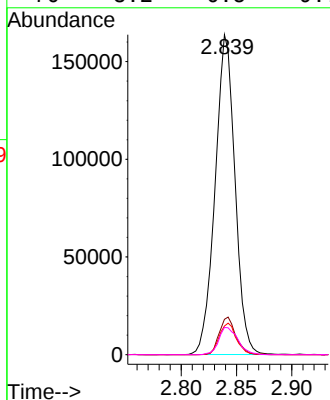
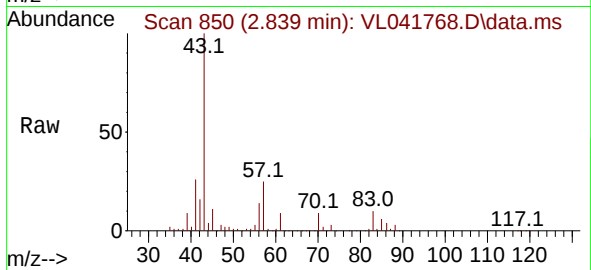
#25
Ethyl Acetate
Concen: 9.678 ppbv
RT: 2.839 min Scan# 848
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Instrument :
MSVOA_1
ClientSampleId :
VL1216ABS01

Tgt Ion: 43	Resp: 20463
Ion Ratio	Lower Upper
43 100	
45 9.9	8.1 12.1
61 8.6	7.0 10.6
70 8.2	6.5 9.7

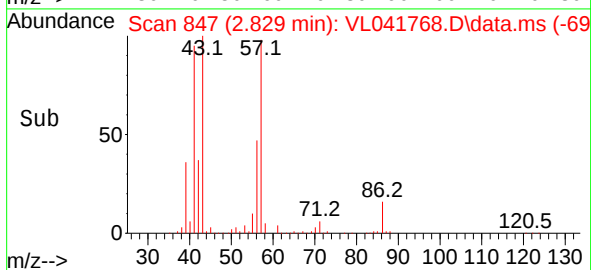
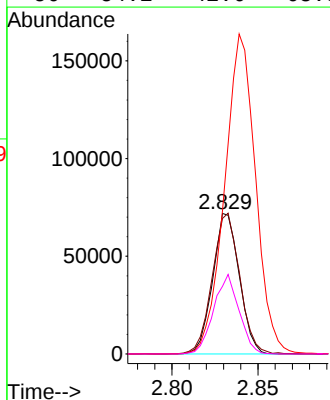
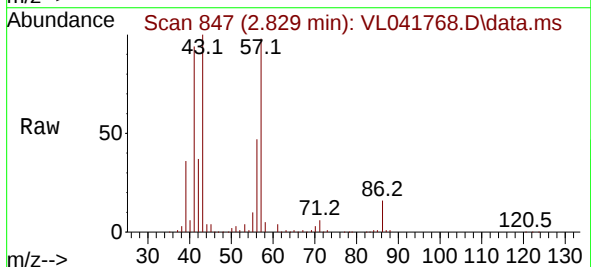
Manual Integrations
APPROVED

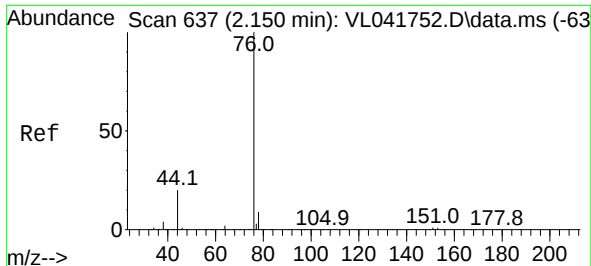
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Hexane
Concen: 9.601 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Tgt Ion: 57	Resp: 77041
Ion Ratio	Lower Upper
57 100	
41 103.9	79.6 119.4
43 266.6	211.0 316.6
56 54.2	42.6 63.8





#27

Carbon Disulfide

Concen: 9.878 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

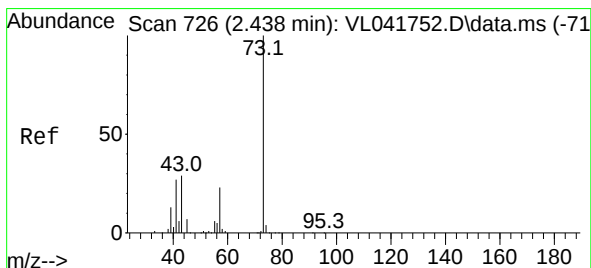
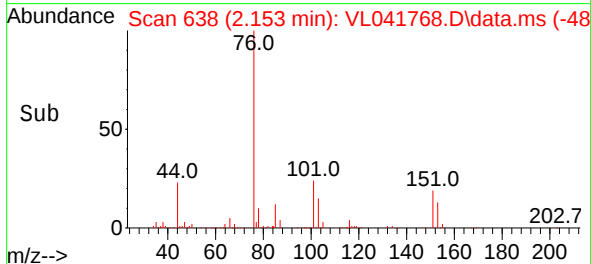
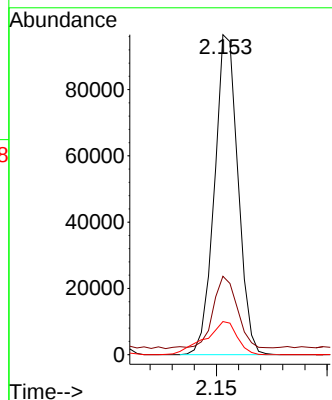
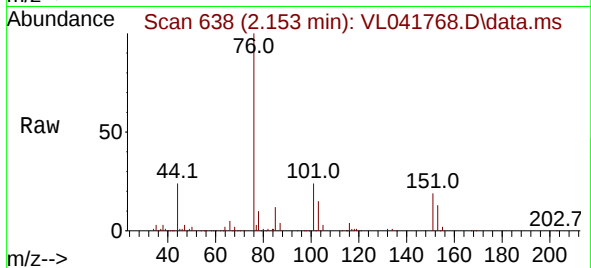
VL1216ABS01

Tgt Ion: 76	Resp: 7142
Ion Ratio	Lower Upper
76 100	
44 23.6	17.6 26.4
78 14.0	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: 9.401 ppbv

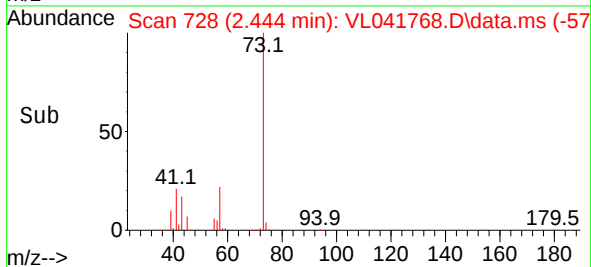
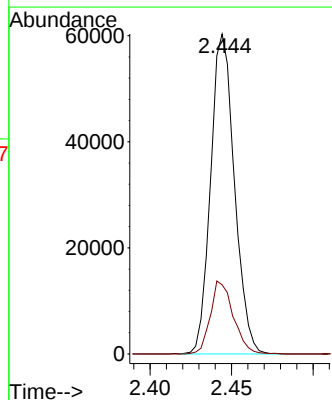
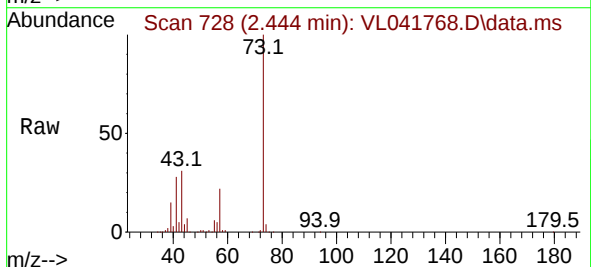
RT: 2.444 min Scan# 728

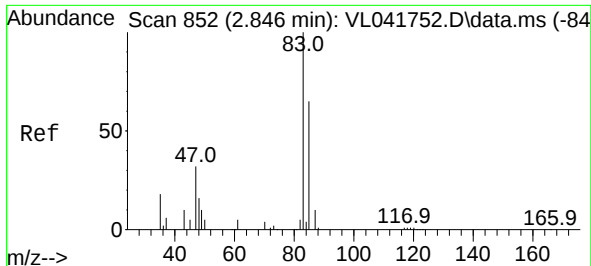
Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion: 73	Resp: 61198
Ion Ratio	Lower Upper
73 100	
57 22.0	17.6 26.4





#29

Chloroform

Concen: 10.368 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.006 min

Lab File: VL041768.D

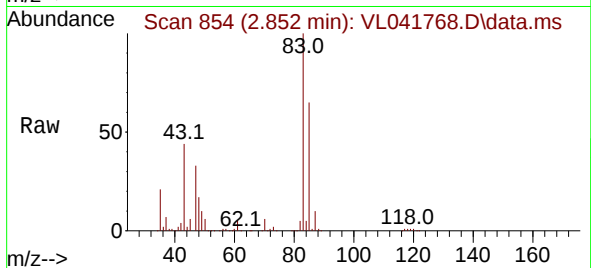
Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01



Tgt Ion: 83 Resp: 126780

Ion Ratio Lower Upper

83 100

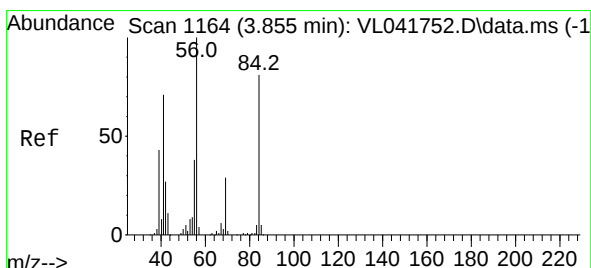
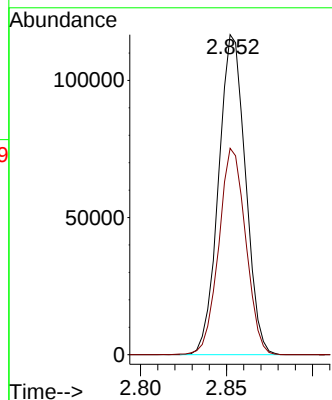
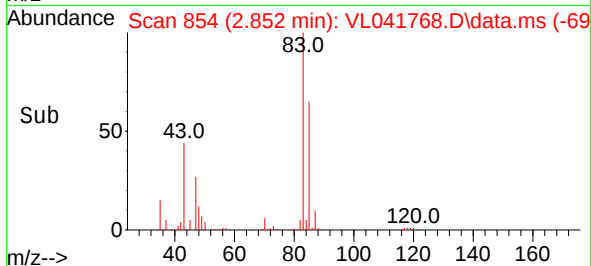
85 64.4 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 9.520 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

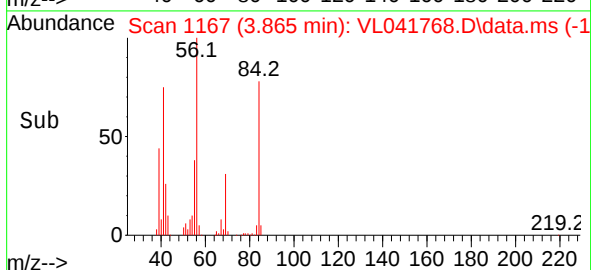
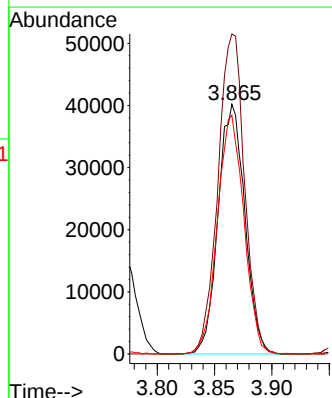
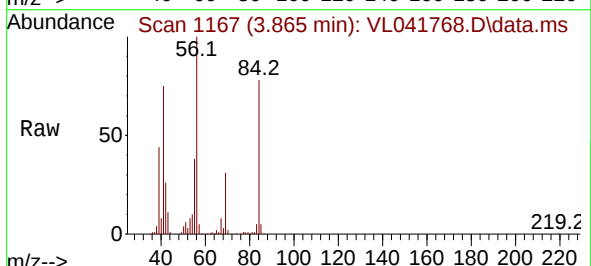
Tgt Ion: 84 Resp: 64996

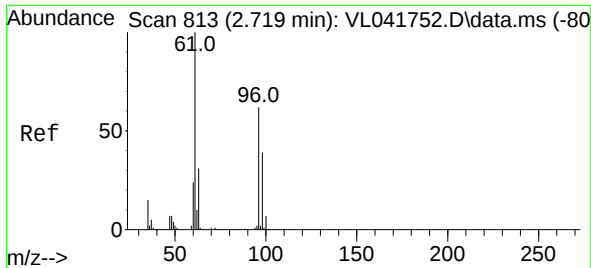
Ion Ratio Lower Upper

84 100

56 127.7 102.3 153.5

41 95.1 74.0 111.0





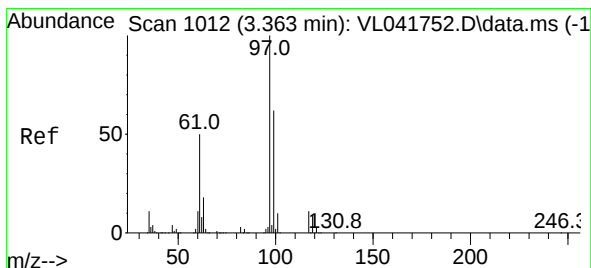
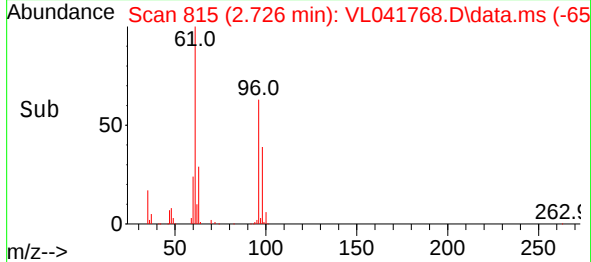
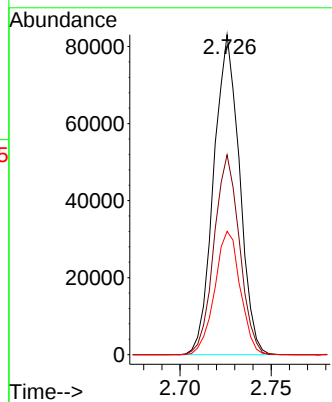
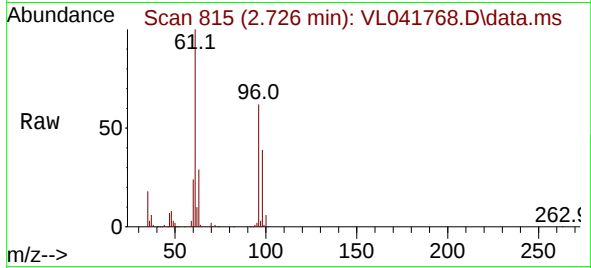
#31
 cis-1,2-Dichloroethene
 Concen: 9.831 ppbv
 RT: 2.726 min Scan# 815
 Delta R.T. 0.006 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABS01

Tgt Ion: 61 Resp: 81514
 Ion Ratio Lower Upper
 61 100
 96 62.5 49.7 74.5
 98 38.6 30.8 46.2

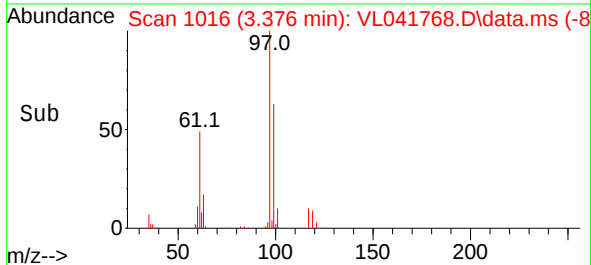
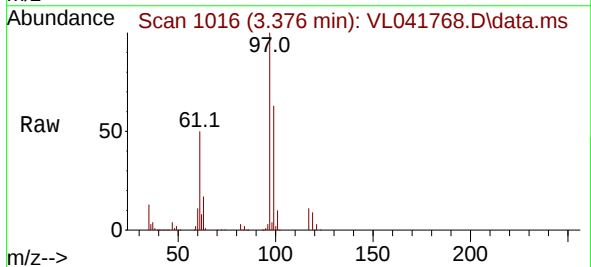
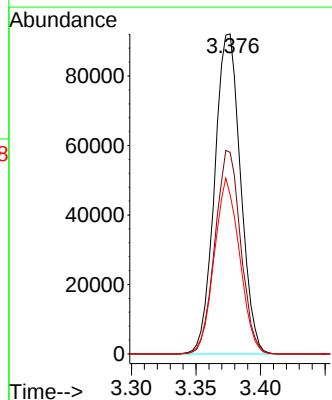
Manual Integrations
 APPROVED

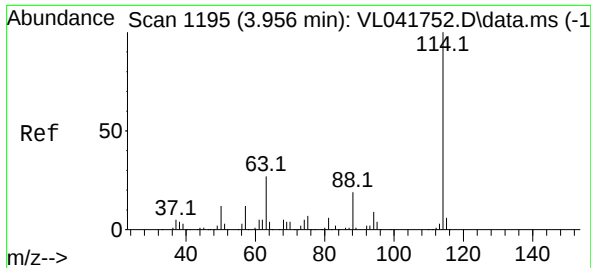
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#32
 1,1,1-Trichloroethane
 Concen: 10.347 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.013 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57

Tgt Ion: 97 Resp: 128623
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.0 76.4
 61 53.6 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

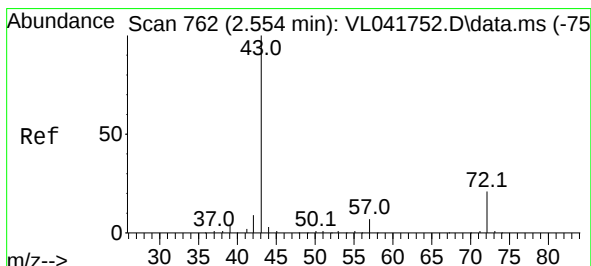
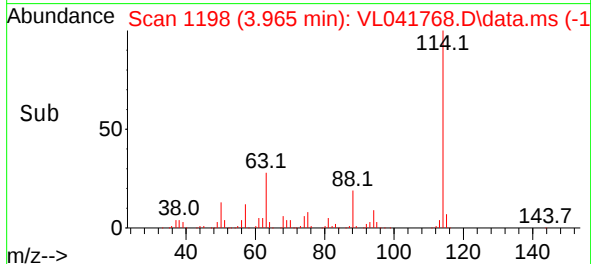
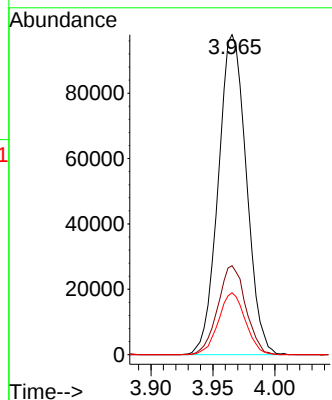
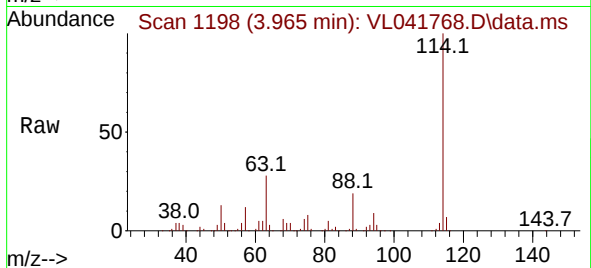
VL1216ABS01

Tgt Ion:114	Resp:	154779
Ion Ratio	Lower	Upper
114	100	
63	27.6	21.8 32.8
88	18.6	14.8 22.2

Manual Integrations

APPROVED

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



#34

2-Butanone

Concen: 9.537 ppbv

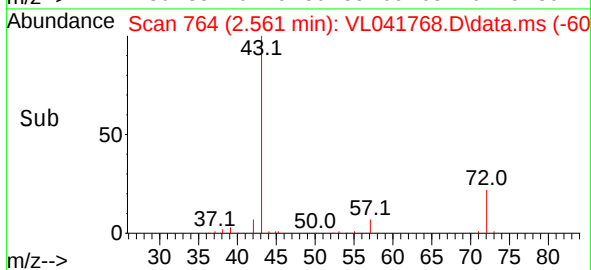
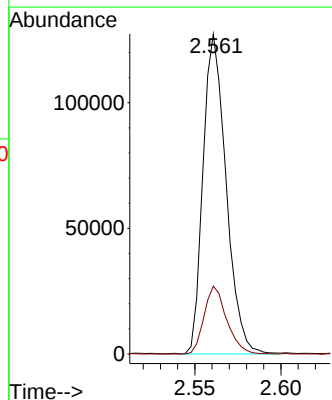
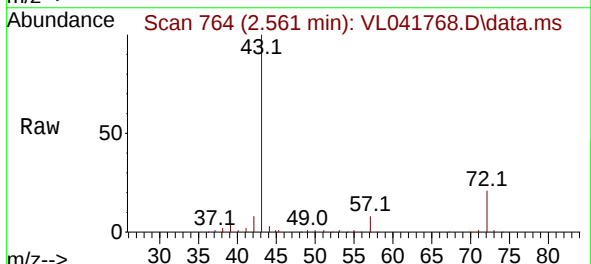
RT: 2.561 min Scan# 764

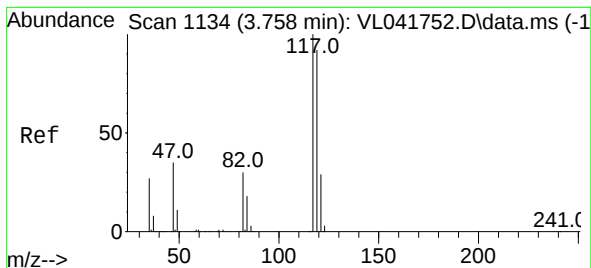
Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion: 43	Resp:	118757
Ion Ratio	Lower	Upper
43	100	
72	20.7	16.8 25.2





#35

Carbon Tetrachloride

Concen: 11.564 ppbv

RT: 3.771 min Scan# 1138

Delta R.T. 0.013 min

Lab File: VL041768.D

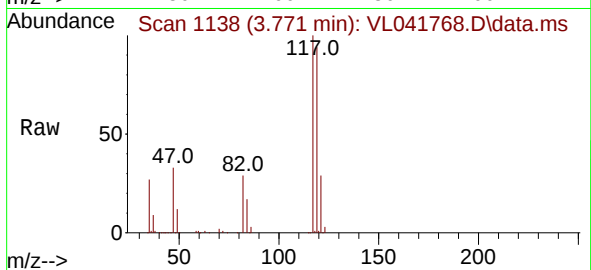
Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01



Tgt Ion:117 Resp: 127059

Ion Ratio Lower Upper

117 100

119 94.4 73.7 110.5

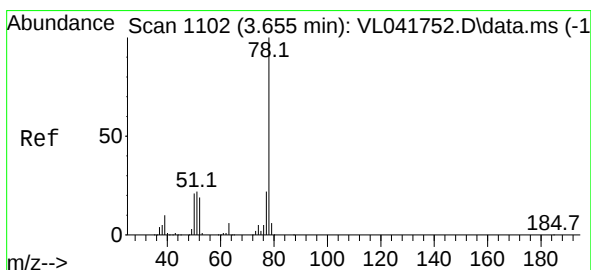
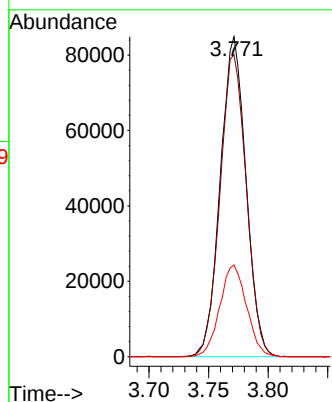
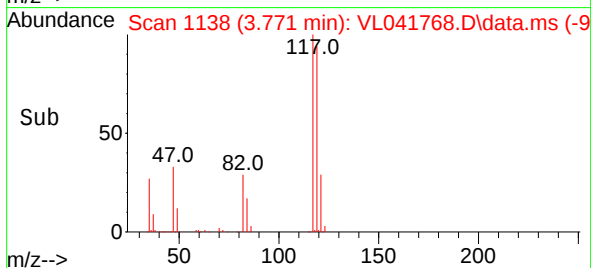
121 28.7 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#36

Benzene

Concen: 9.692 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

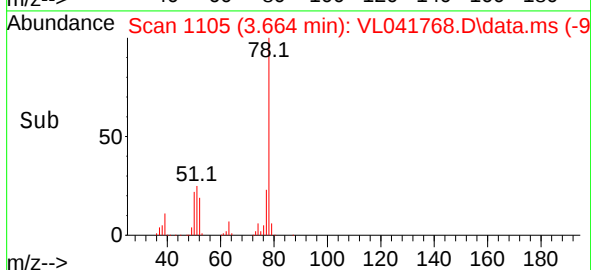
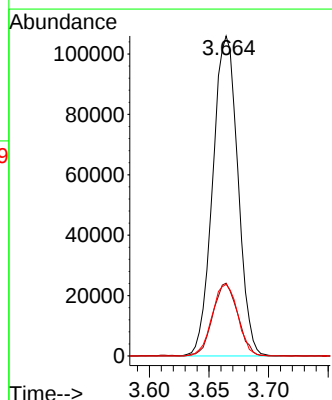
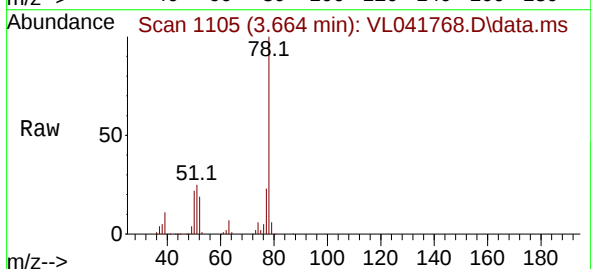
Tgt Ion: 78 Resp: 155172

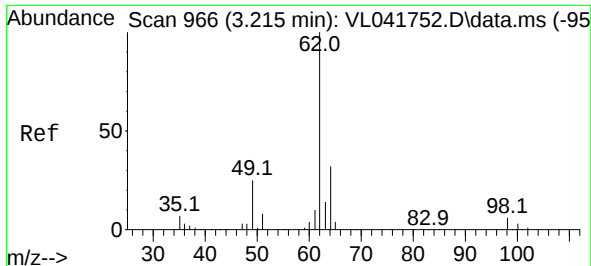
Ion Ratio Lower Upper

78 100

77 22.7 17.8 26.6

50 22.4 17.2 25.8





#37
1,2-Dichloroethane
Concen: 10.633 ppbv
RT: 3.224 min Scan# 966
Delta R.T. 0.010 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

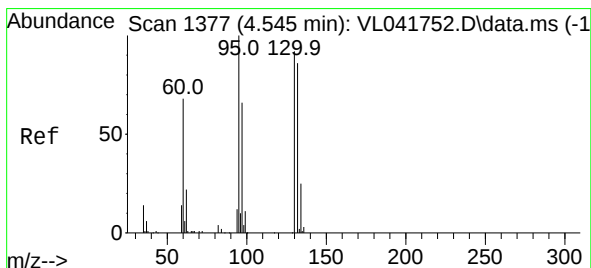
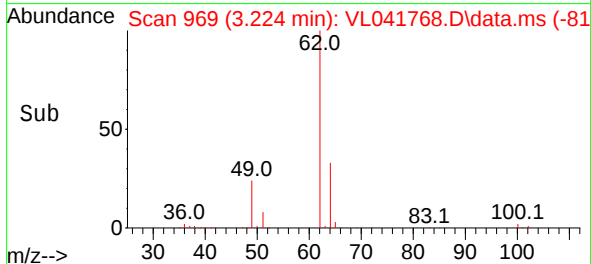
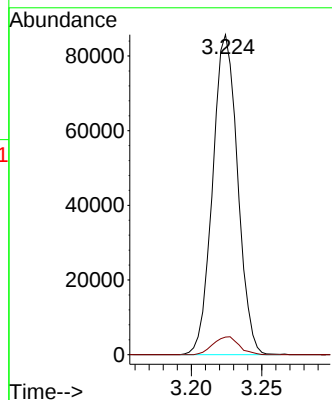
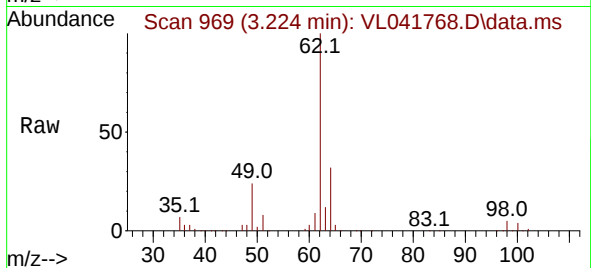
VL1216ABS01

Tgt Ion: 62 Resp: 10593
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1

Manual Integrations

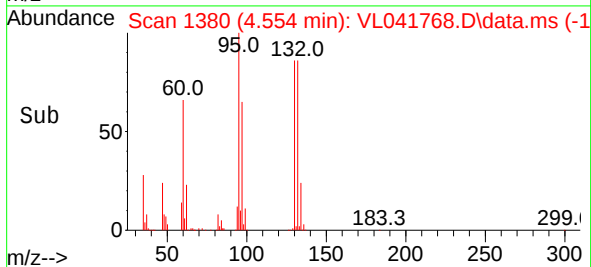
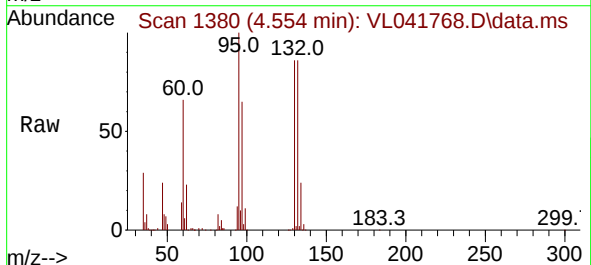
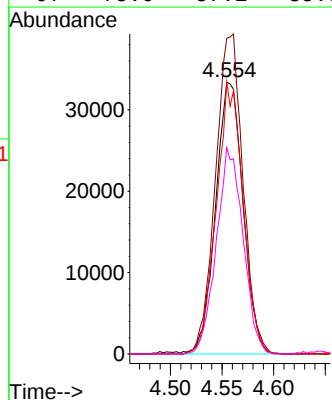
APPROVED

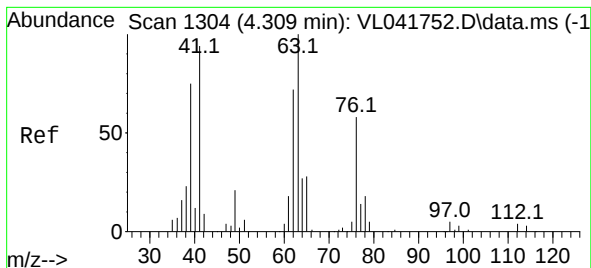
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 9.083 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Tgt Ion:130 Resp: 61730
Ion Ratio Lower Upper
130 100
95 116.3 87.0 130.6
132 100.1 75.0 112.6
97 75.9 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.531 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. 0.013 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

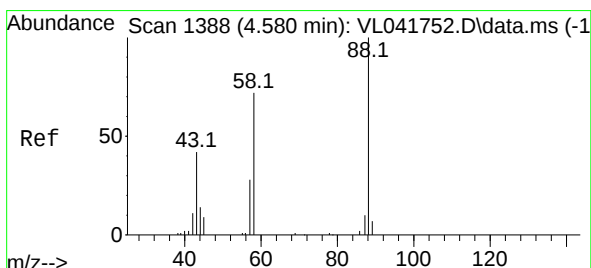
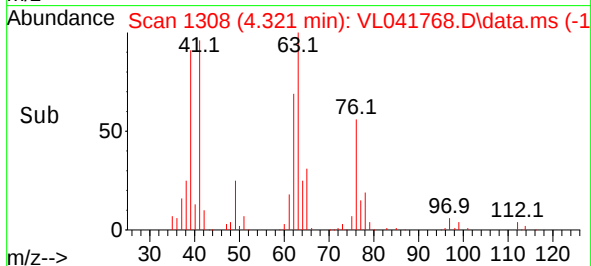
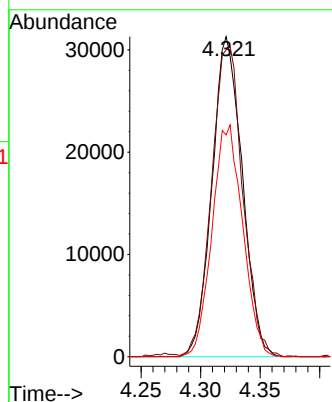
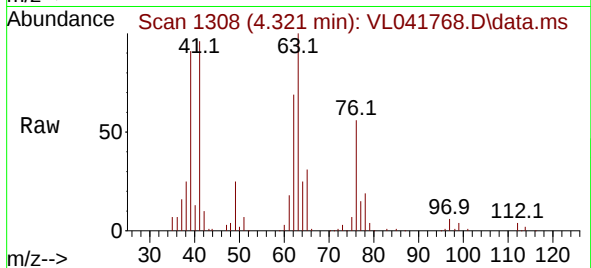
Tgt Ion: 63 Resp: 5518

Ion	Ratio	Lower	Upper
63	100		
41	95.4	75.3	112.9
62	69.3	57.3	85.9

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 8.512 ppbv

RT: 4.597 min Scan# 1393

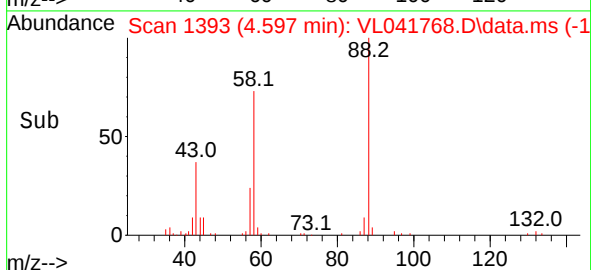
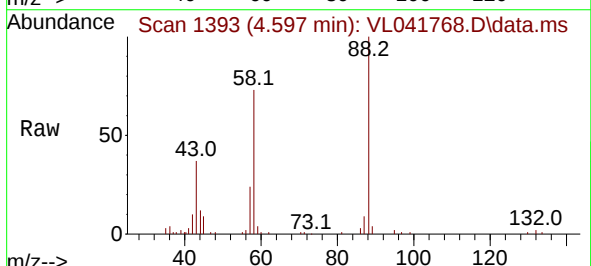
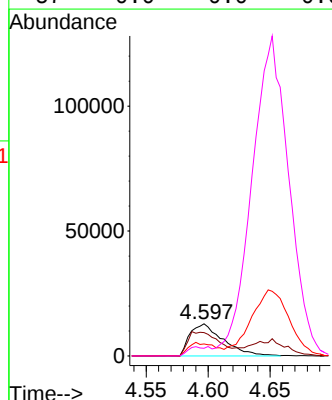
Delta R.T. 0.016 min

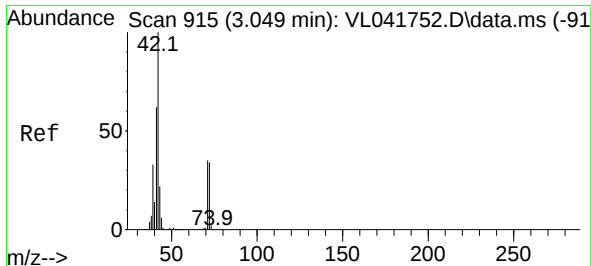
Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion: 88 Resp: 24077

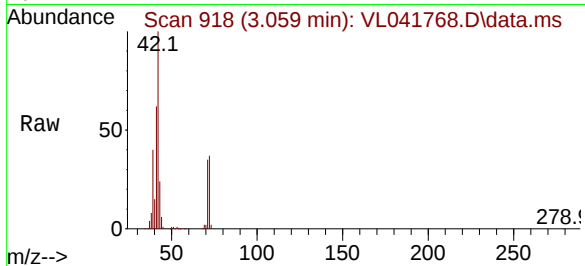
Ion	Ratio	Lower	Upper
88	100		
58	74.5	61.0	91.6
43	30.5	29.4	44.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 9.137 ppbv
RT: 3.059 min Scan# 915
Delta R.T. 0.010 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

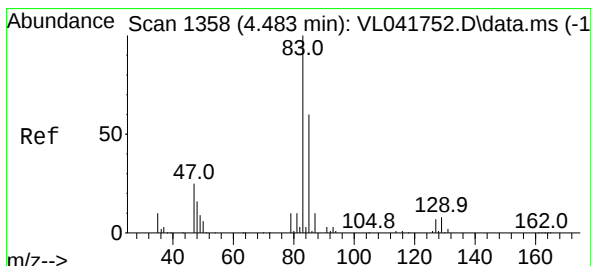
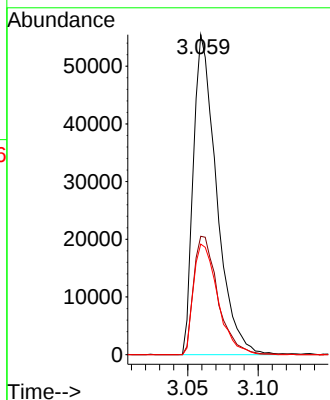
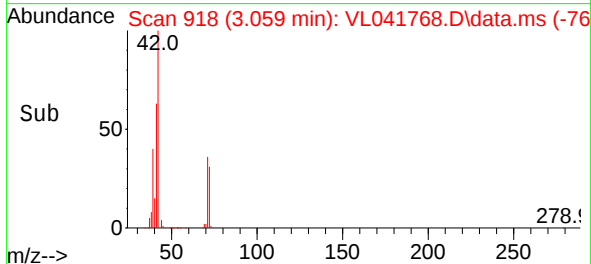
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



Tgt Ion: 42 Resp: 6373
Ion Ratio Lower Upper
42 100
72 38.7 29.1 43.7
71 36.2 28.4 42.6

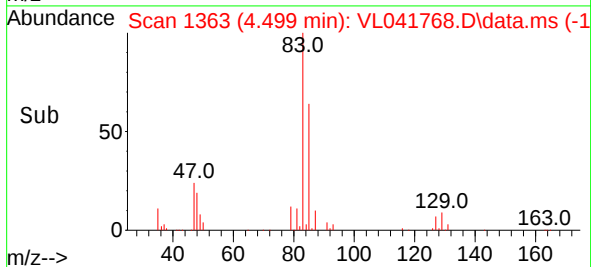
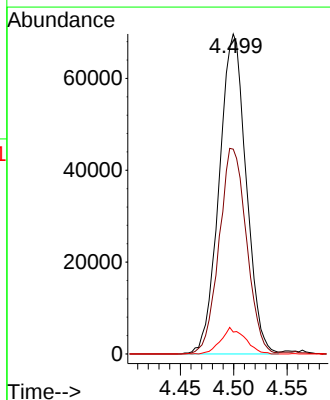
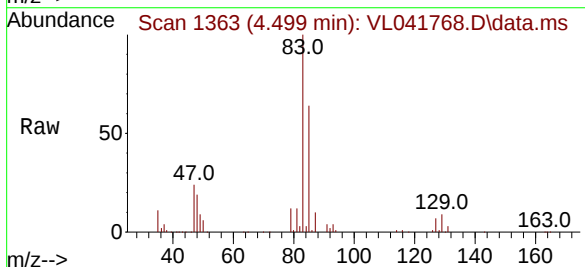
Manual Integrations
APPROVED

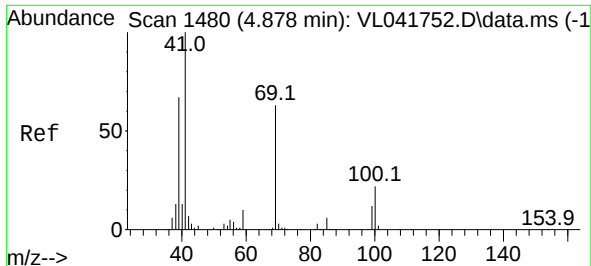
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
Bromodichloromethane
Concen: 10.683 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.016 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Tgt Ion: 83 Resp: 122435
Ion Ratio Lower Upper
83 100
85 64.0 48.0 72.0
127 6.9 5.8 8.8





#43

Methyl Methacrylate

Concen: 9.862 ppbv

RT: 4.888 min Scan# 1410

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

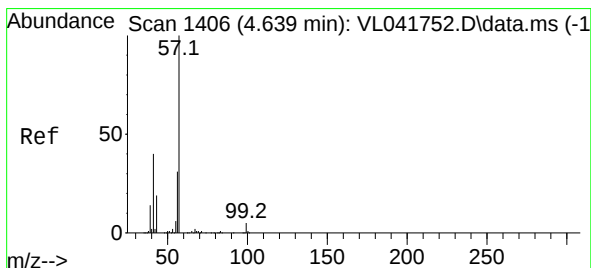
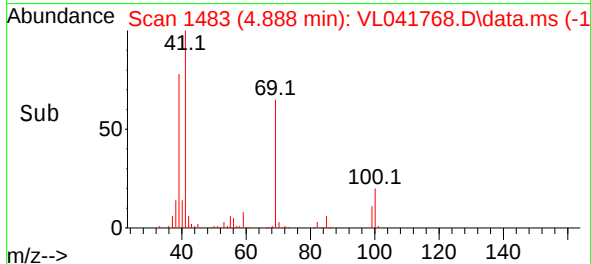
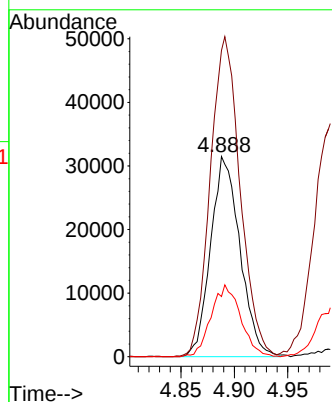
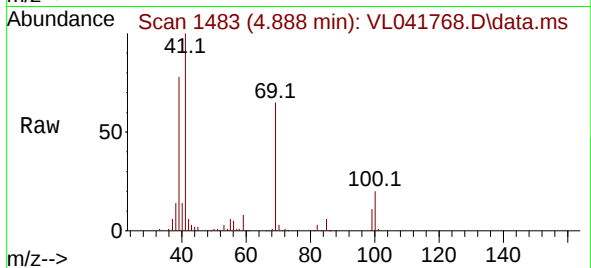
Tgt Ion: 69 Resp: 60160

Ion	Ratio	Lower	Upper
69	100		
41	162.9	130.3	195.5
100	36.0	28.3	42.5

Manual Integrations

APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 9.732 ppbv

RT: 4.652 min Scan# 1410

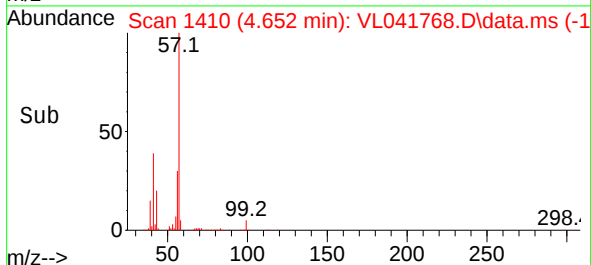
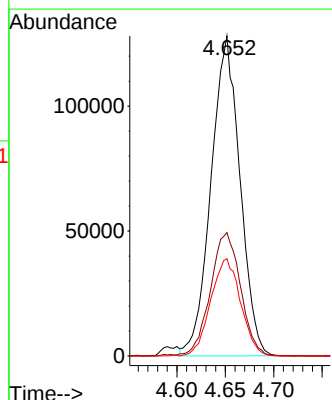
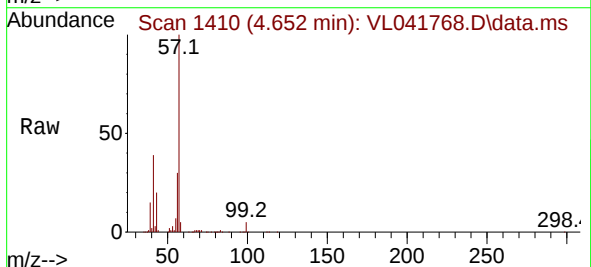
Delta R.T. 0.013 min

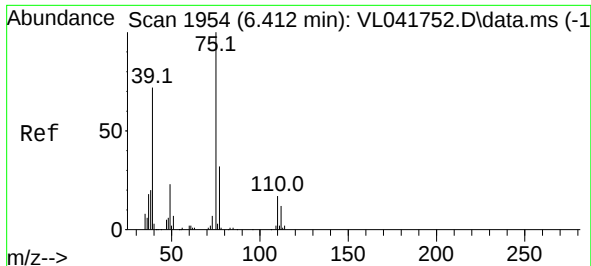
Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion: 57 Resp: 266101

Ion	Ratio	Lower	Upper
57	100		
41	40.5	30.7	46.1
56	31.5	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 9.483 ppbv

RT: 6.425 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion: 75 Resp: 5983

Ion Ratio Lower Upper

75 100

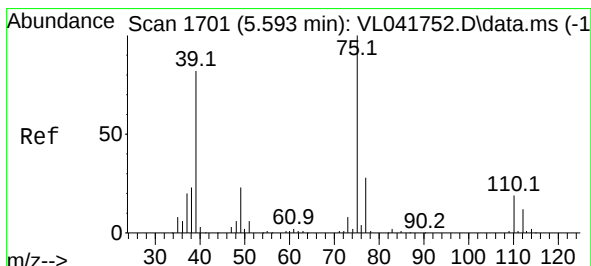
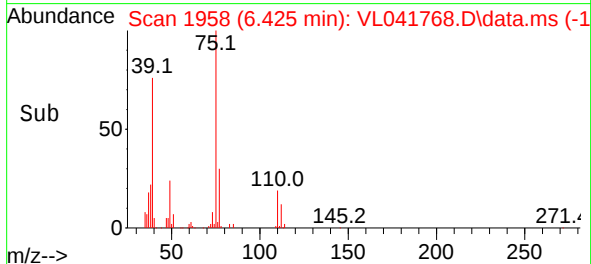
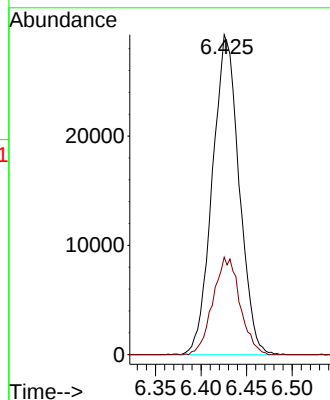
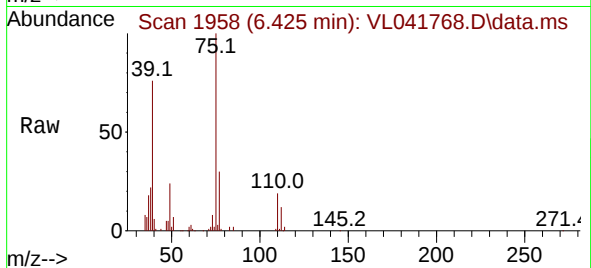
77 30.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

cis-1,3-Dichloropropene

Concen: 9.586 ppbv m

RT: 5.610 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

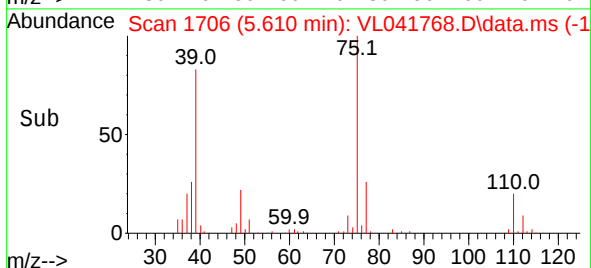
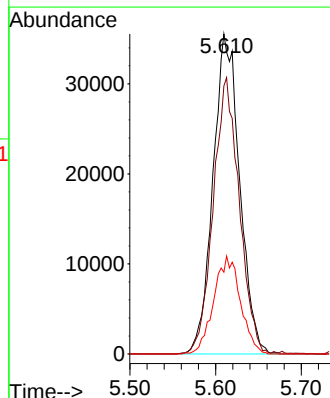
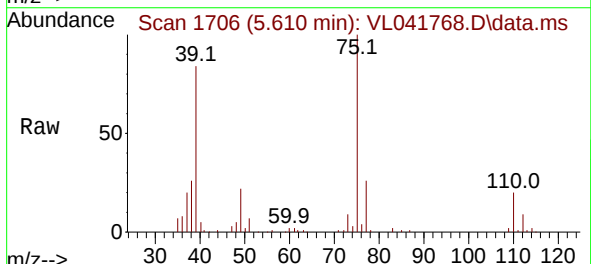
Tgt Ion: 75 Resp: 76789

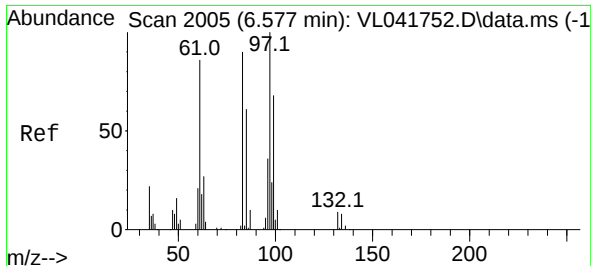
Ion Ratio Lower Upper

75 100

39 83.8 65.2 97.8

77 25.5 22.0 33.0





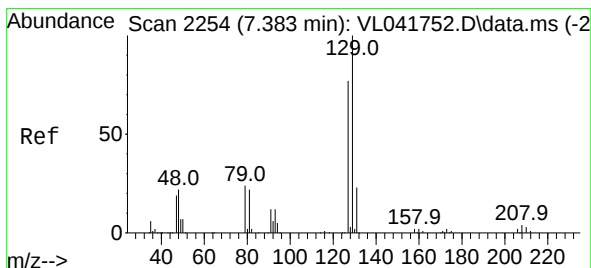
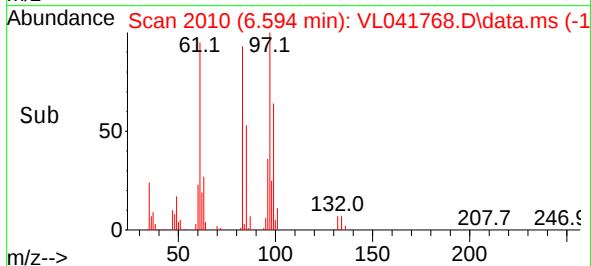
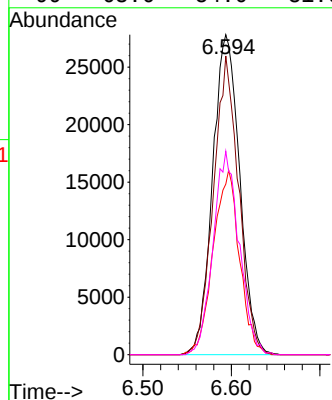
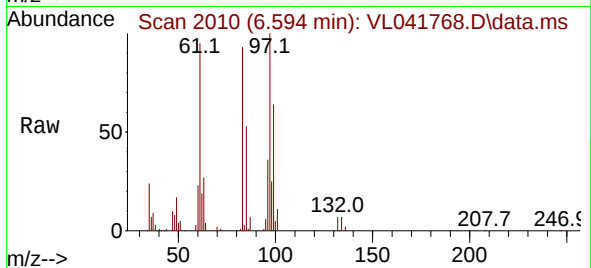
#47
1,1,2-Trichloroethane
Concen: 9.784 ppbv
RT: 6.594 min Scan# 2010
Delta R.T. 0.016 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01

Tgt Ion: 97 Resp: 59178
Ion Ratio Lower Upper
97 100
83 93.3 72.3 108.5
85 53.3 48.5 72.7
99 63.6 54.0 81.0

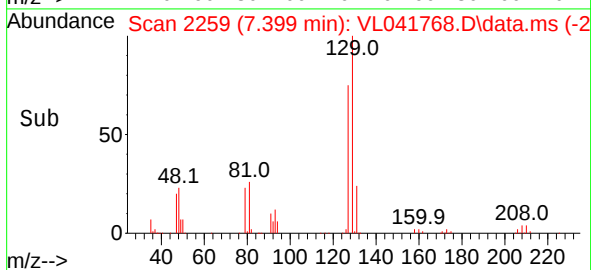
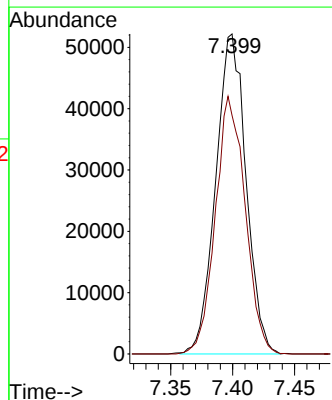
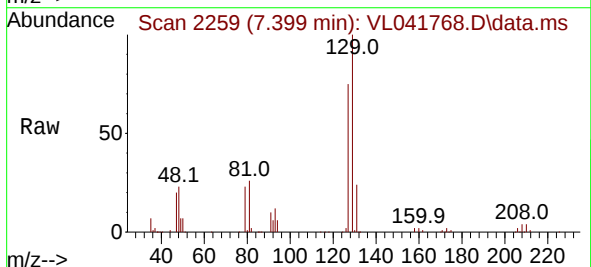
Manual Integrations
APPROVED

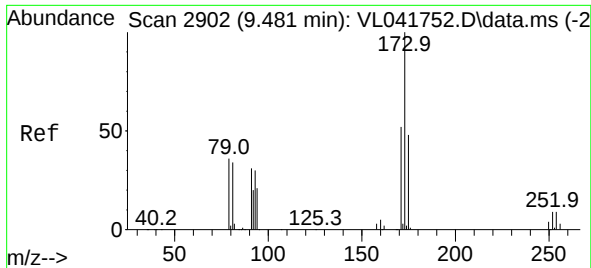
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Dibromochloromethane
Concen: 10.775 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. 0.016 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

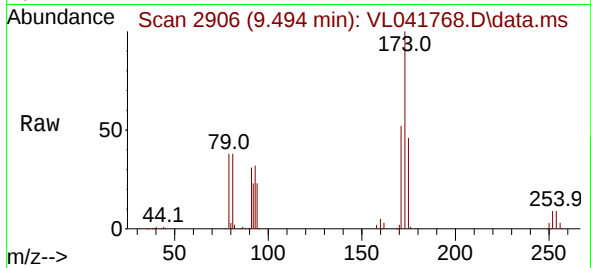
Tgt Ion:129 Resp: 88987
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.3





#49
Bromoform
Concen: 10.492 ppbv
RT: 9.494 min Scan# 2902
Delta R.T. 0.013 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

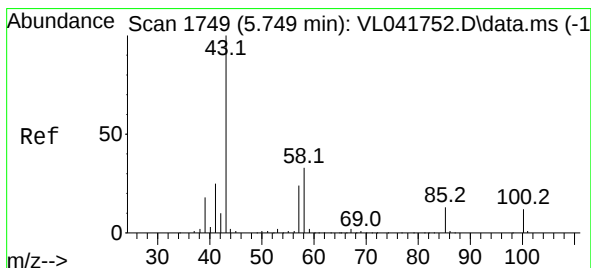
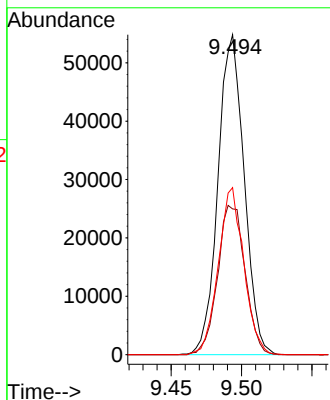
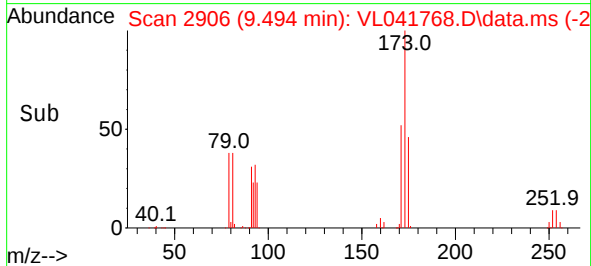
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



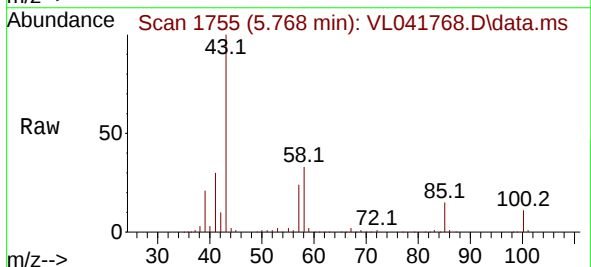
Tgt Ion:173 Resp: 70924
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
171 50.8 41.1 61.7

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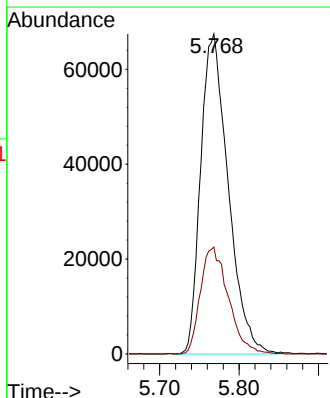
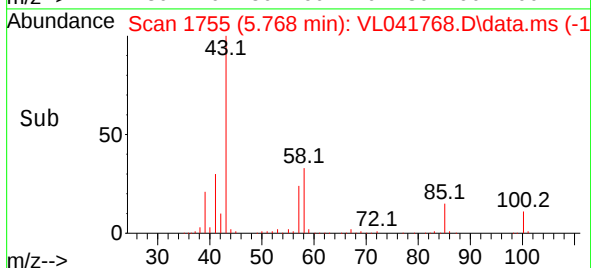
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

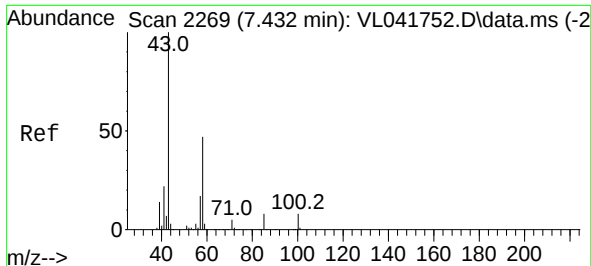


#50
4-Methyl-2-Pentanone
Concen: 9.591 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. 0.019 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57



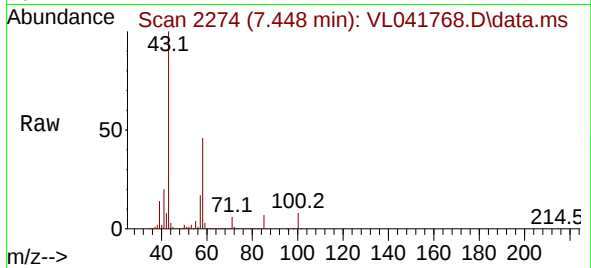
Tgt Ion: 43 Resp: 162609
Ion Ratio Lower Upper
43 100
58 33.7 26.8 40.2





#51
2-Hexanone
Concen: 9.341 ppbv
RT: 7.448 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

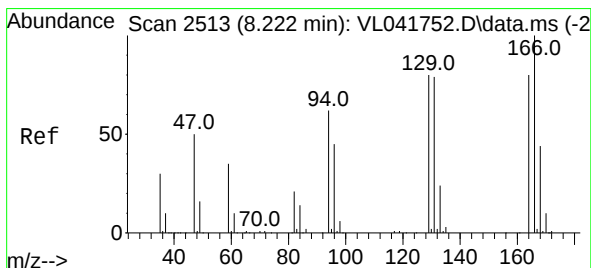
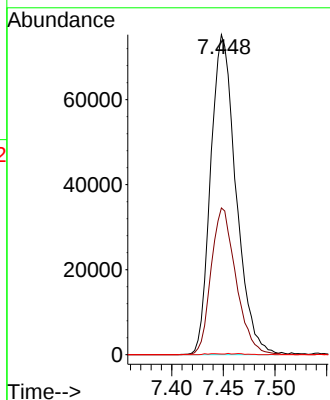
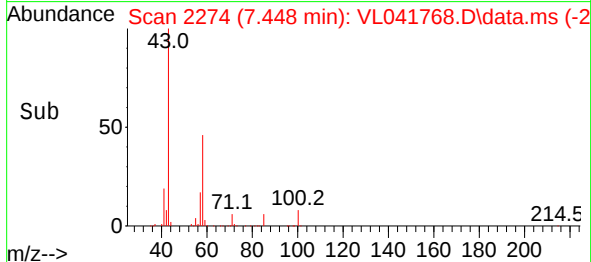
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



Tgt Ion: 43 Resp: 12836
Ion Ratio Lower Upper
43 100
58 45.1 36.6 55.0
98 0.4 0.1 0.1

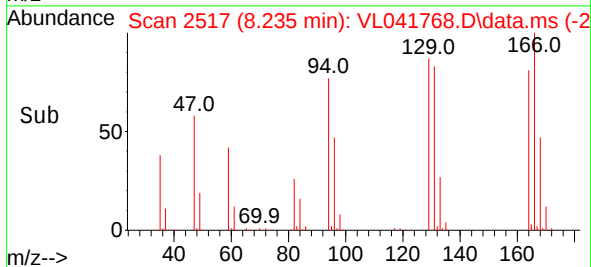
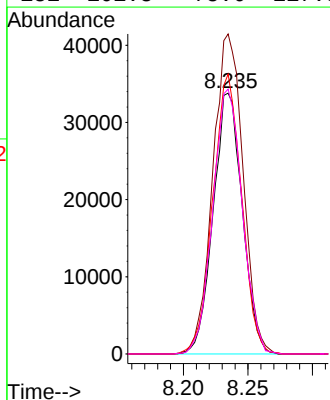
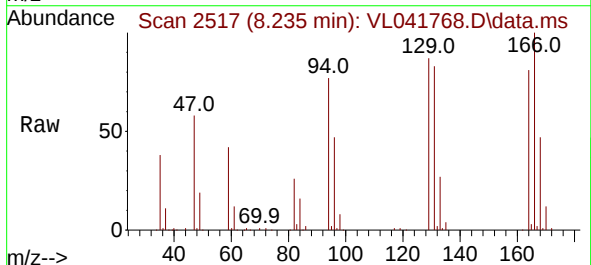
Manual Integrations
APPROVED

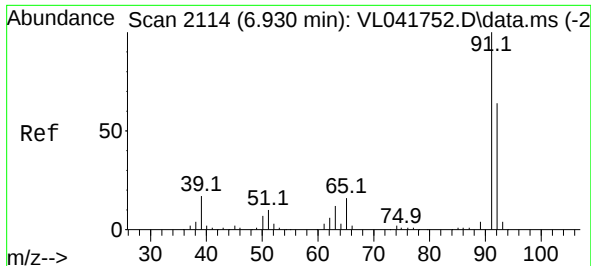
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Tetrachloroethene
Concen: 8.856 ppbv
RT: 8.235 min Scan# 2517
Delta R.T. 0.013 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Tgt Ion:164 Resp: 52775
Ion Ratio Lower Upper
164 100
166 122.7 99.8 149.6
129 107.1 79.6 119.4
131 101.3 78.6 117.8





#53

Toluene

Concen: 9.487 ppbv

RT: 6.946 min Scan# 2119

Delta R.T. 0.016 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion: 91 Resp: 172200

Ion Ratio Lower Upper

91 100

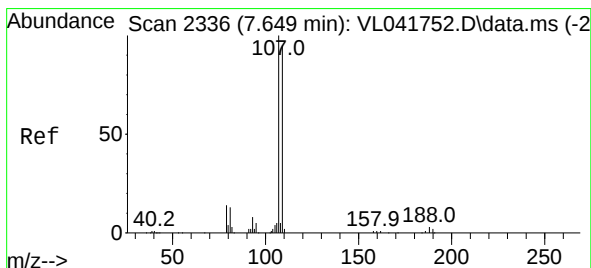
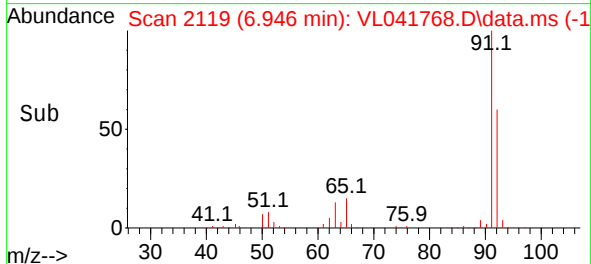
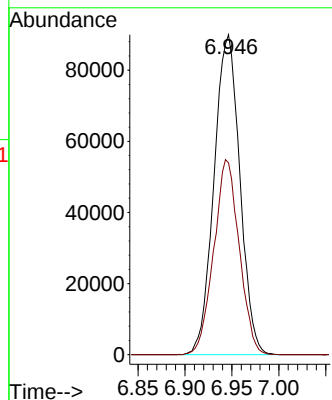
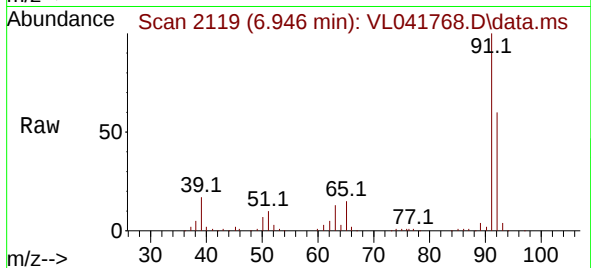
92 60.1 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#54

1,2-Dibromoethane

Concen: 9.713 ppbv

RT: 7.665 min Scan# 2341

Delta R.T. 0.016 min

Lab File: VL041768.D

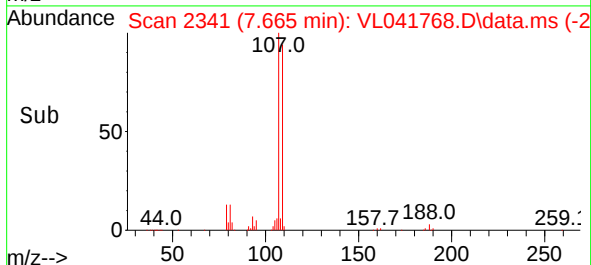
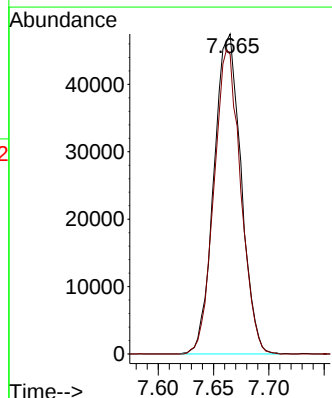
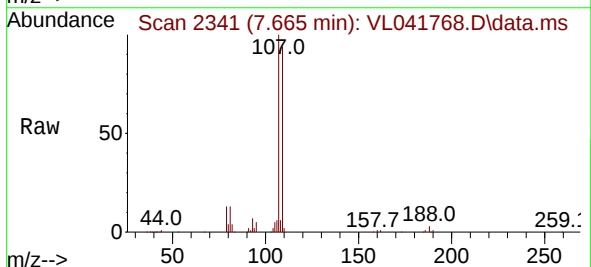
Acq: 17 Dec 2024 00:57

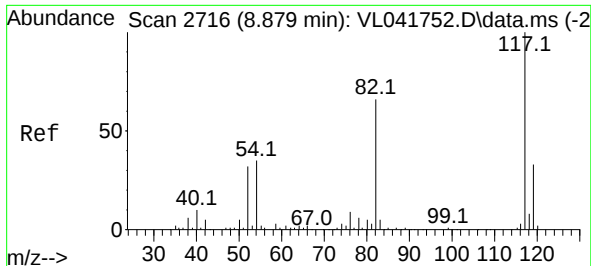
Tgt Ion:107 Resp: 80944

Ion Ratio Lower Upper

107 100

109 93.6 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.892 min Scan# 2716

Delta R.T. 0.013 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_1

ClientSampleId :

VL1216ABS01

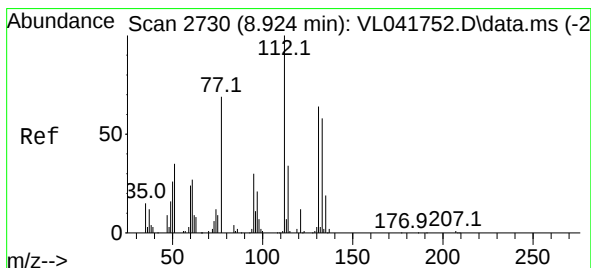
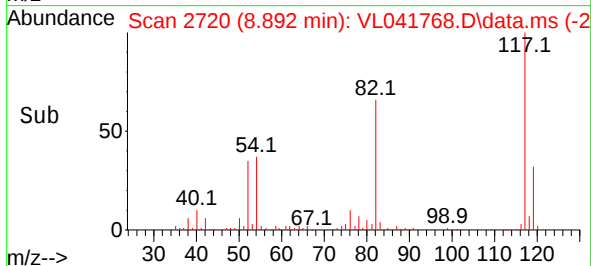
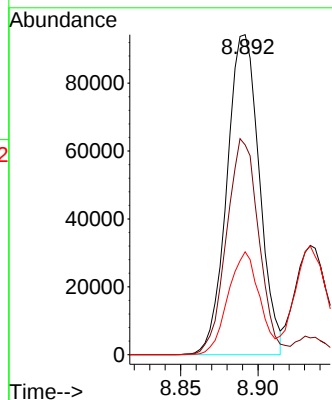
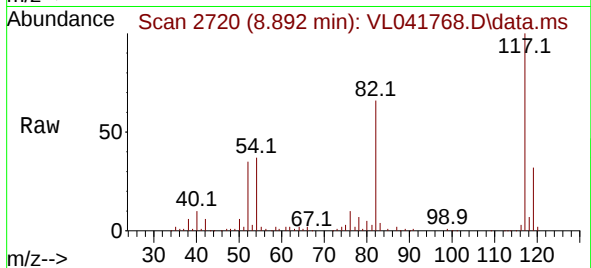
Tgt Ion:117 Resp: 137648

Ion	Ratio	Lower	Upper
117	100		
82	72.7	53.8	80.8
119	31.9	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: 10.451 ppbv

RT: 8.934 min Scan# 2733

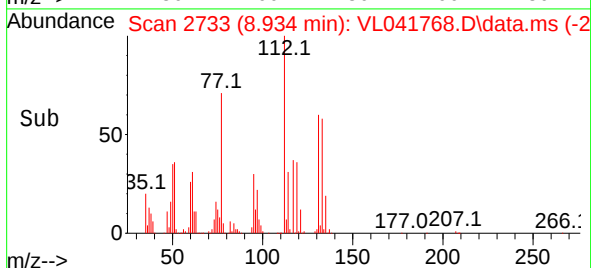
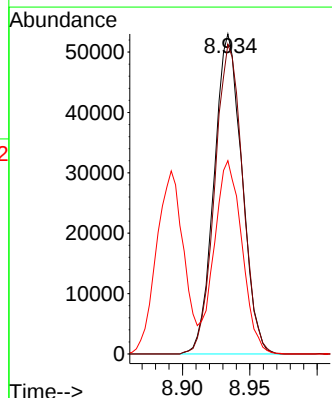
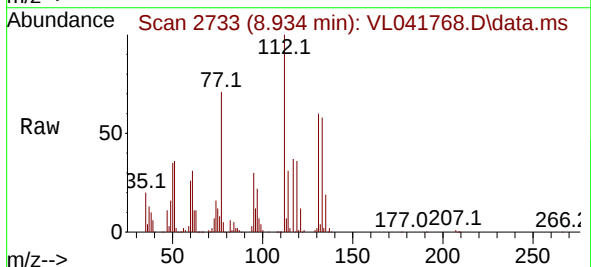
Delta R.T. 0.010 min

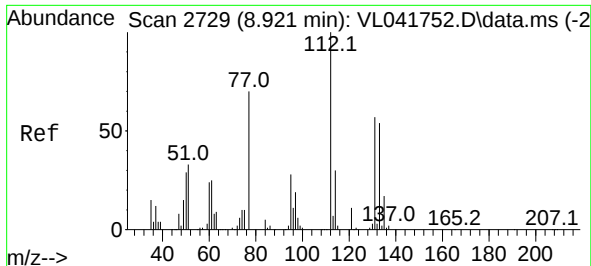
Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion:131 Resp: 76261

Ion	Ratio	Lower	Upper
131	100		
133	96.9	76.8	115.2
119	60.4	49.0	73.6





#57

Chlorobenzene

Concen: 9.533 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

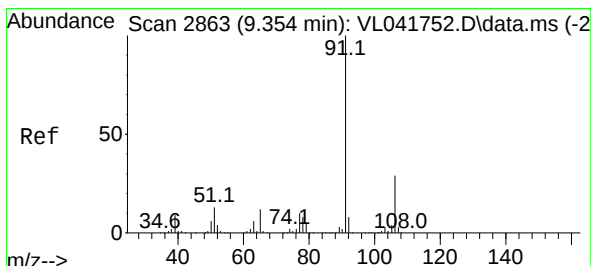
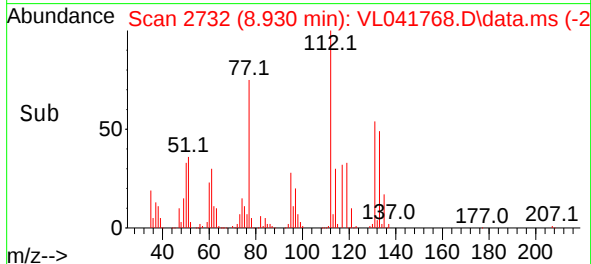
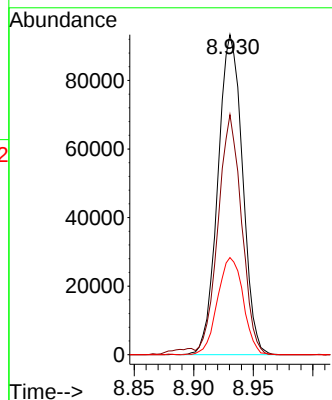
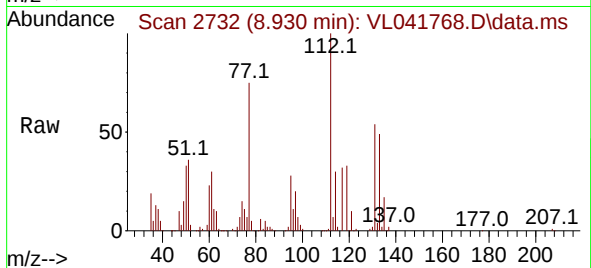
VL1216ABS01

Tgt Ion:	112	Resp:	134279
Ion Ratio	Lower	Upper	
112	100		
77	75.0	57.4	86.0
114	30.3	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: 9.923 ppbv

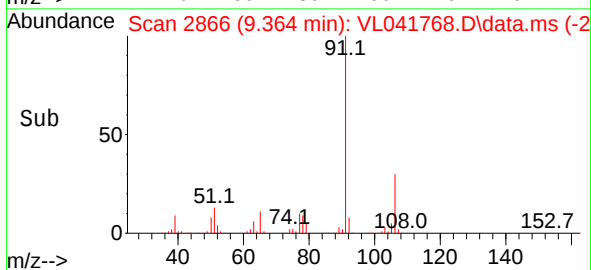
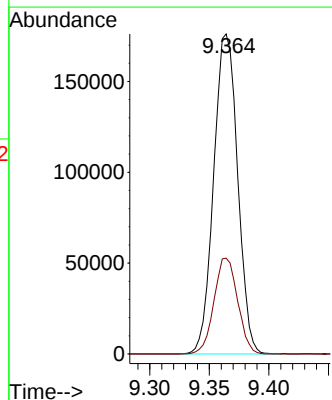
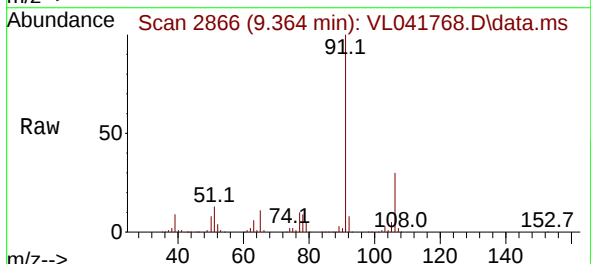
RT: 9.364 min Scan# 2866

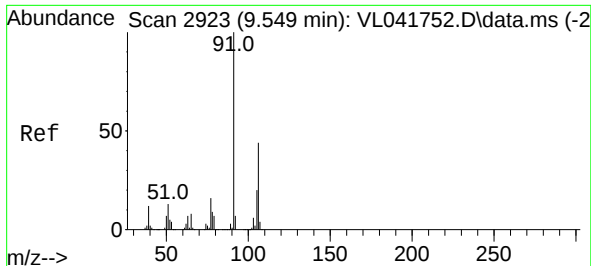
Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion:	91	Resp:	245908
Ion Ratio	Lower	Upper	
91	100		
106	29.9	23.5	35.3





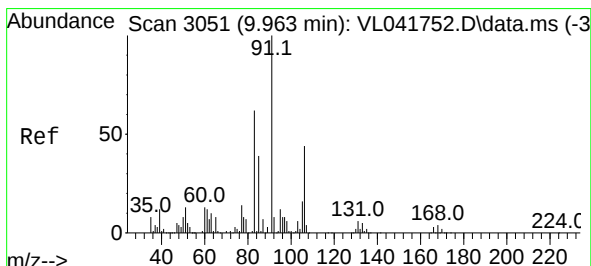
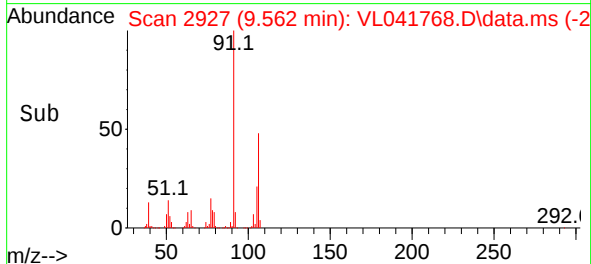
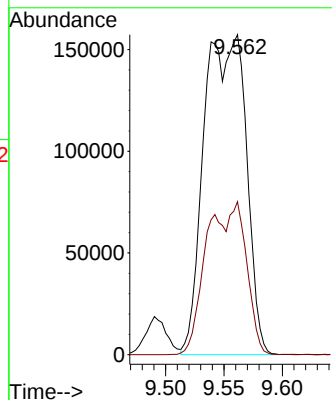
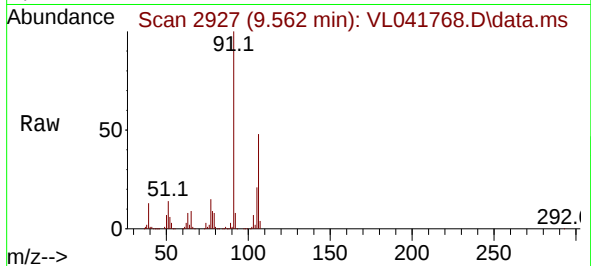
#59
m/p-Xylene
Concen: 19.842 ppbv m
RT: 9.562 min Scan# 2923
Delta R.T. 0.013 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01

Tgt Ion: 91 Resp: 39537
Ion Ratio Lower Upper
91 100
106 45.1 0.0 0.0

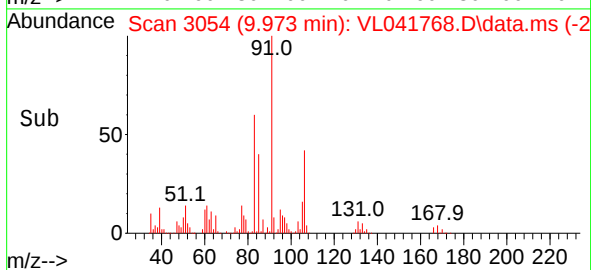
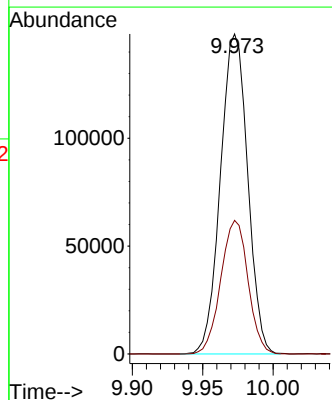
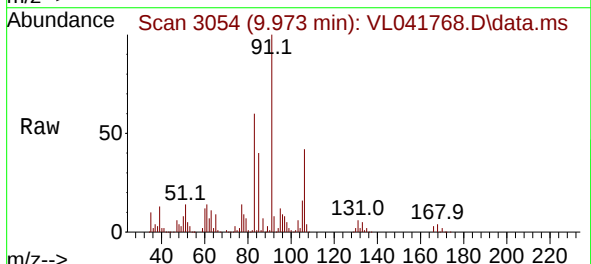
Manual Integrations
APPROVED

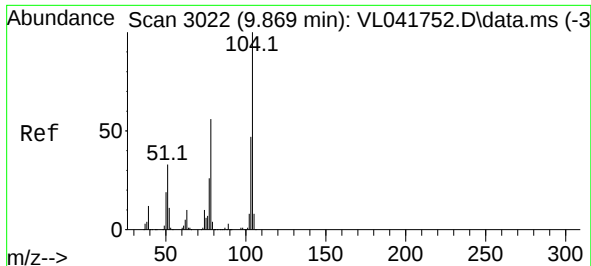
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
o-Xylene
Concen: 9.991 ppbv
RT: 9.973 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

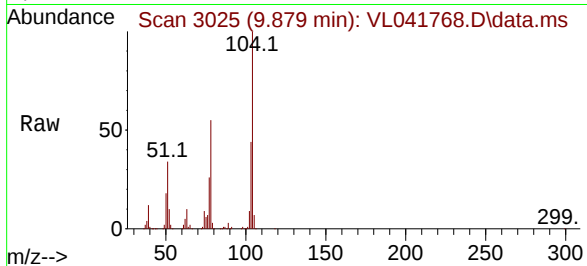
Tgt Ion: 91 Resp: 199635
Ion Ratio Lower Upper
91 100
106 41.8 21.1 63.4





#61
Styrene
Concen: 10.274 ppbv
RT: 9.879 min Scan# 3022
Delta R.T. 0.010 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

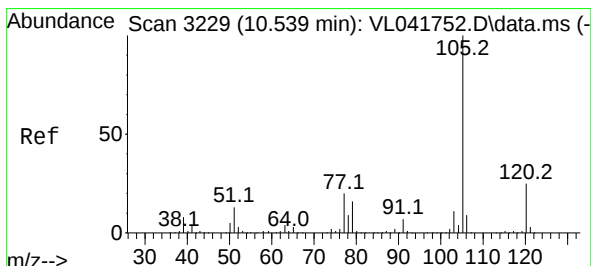
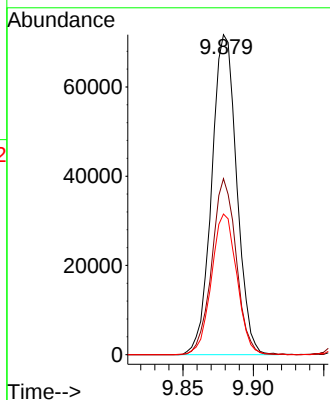
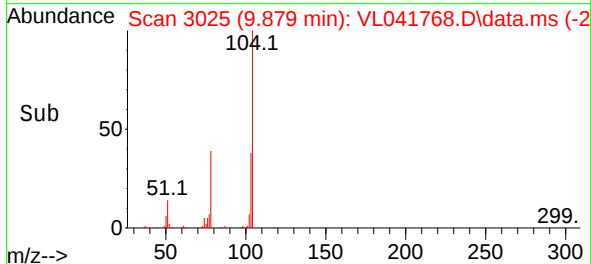
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



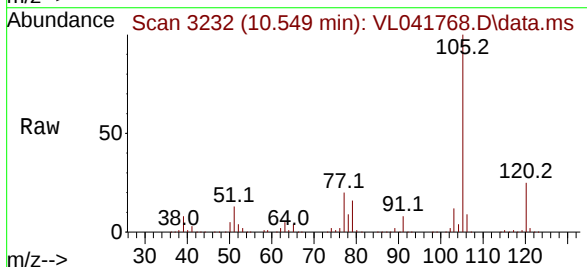
Tgt Ion:104 Resp: 88772
Ion Ratio Lower Upper
104 100
78 53.5 43.8 65.6
103 44.7 37.8 56.6

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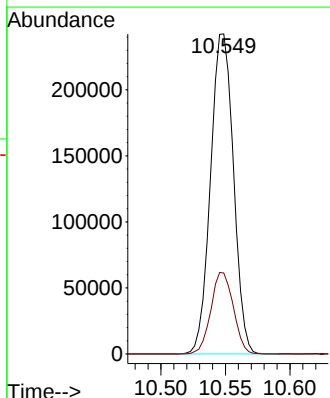
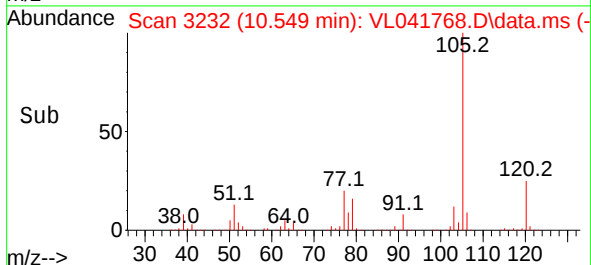
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

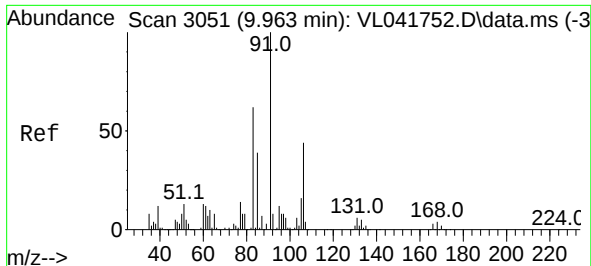


#62
Isopropylbenzene
Concen: 9.959 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57



Tgt Ion:105 Resp: 298974
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.326 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion: 83 Resp: 11665

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

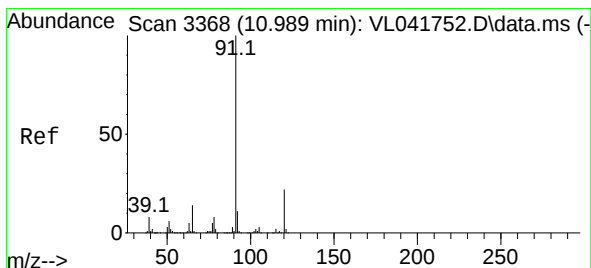
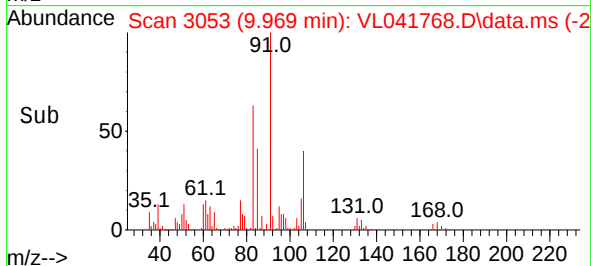
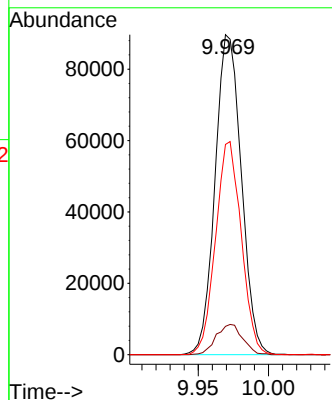
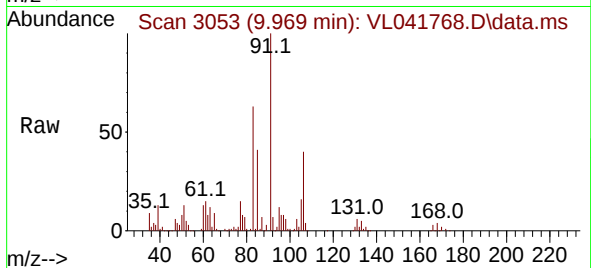
85 65.1 32.0 96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

n-propylbenzene

Concen: 9.540 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.006 min

Lab File: VL041768.D

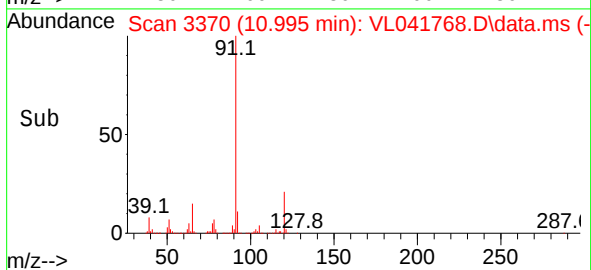
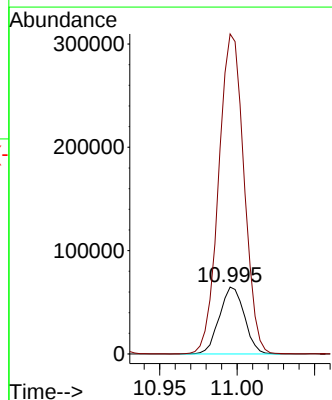
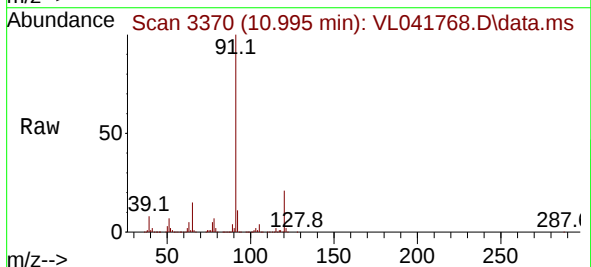
Acq: 17 Dec 2024 00:57

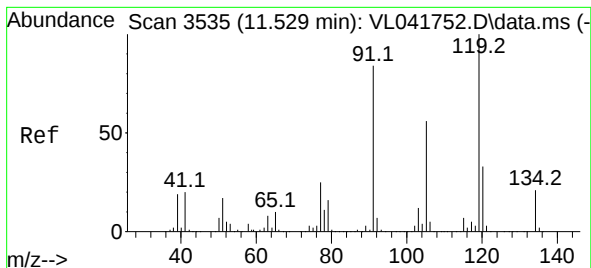
Tgt Ion:120 Resp: 72410

Ion Ratio Lower Upper

120 100

91 487.0 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.524 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

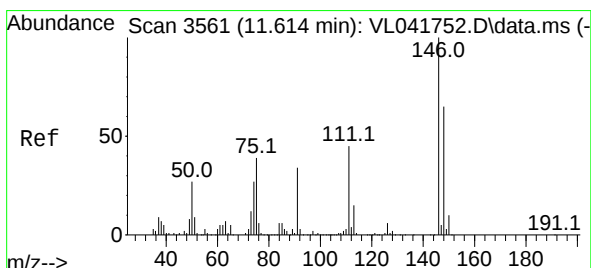
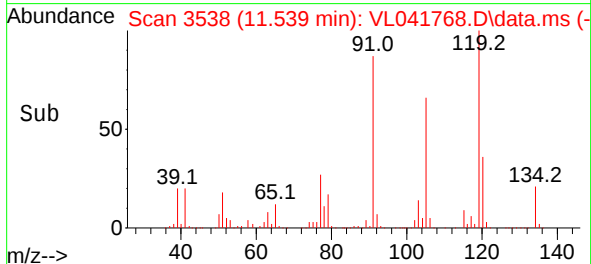
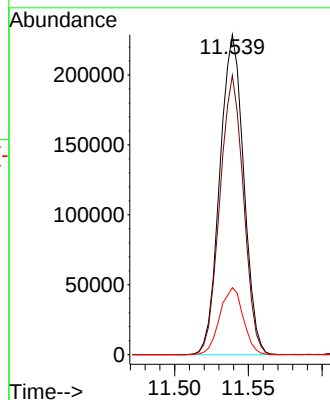
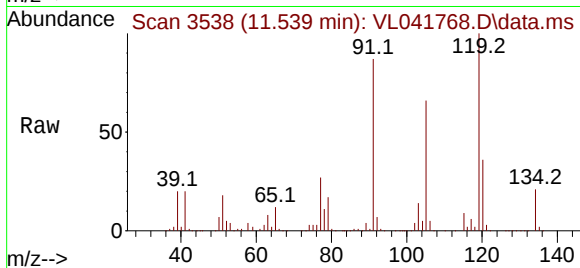
Tgt Ion:119 Resp: 25795

Ion	Ratio	Lower	Upper
119	100		
91	86.1	67.0	100.4
134	20.5	16.5	24.7

Manual Integrations

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



#66

Benzyl Chloride

Concen: 6.810 ppbv

RT: 11.623 min Scan# 3564

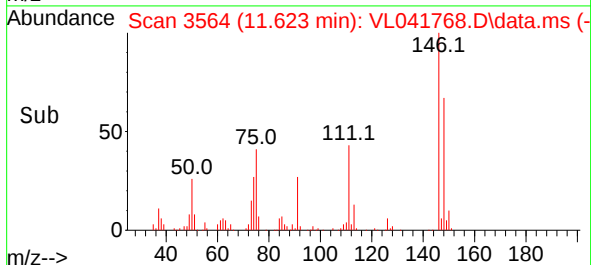
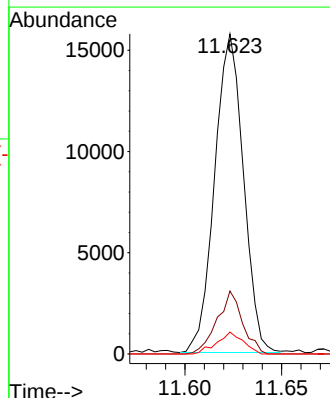
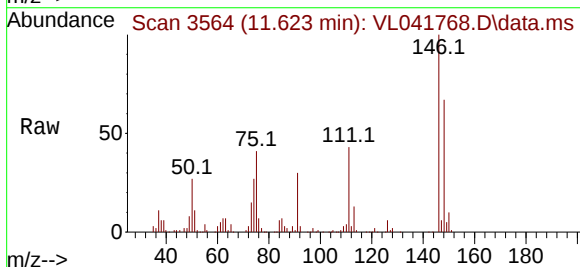
Delta R.T. 0.010 min

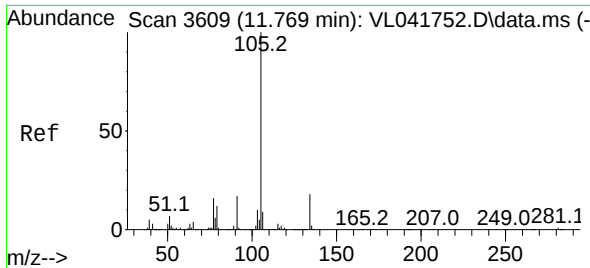
Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion: 91 Resp: 16248

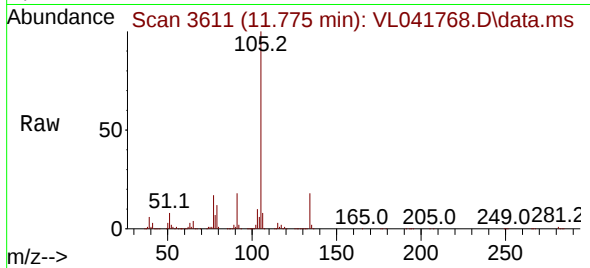
Ion	Ratio	Lower	Upper
91	100		
126	17.5	13.9	20.9
128	6.3	4.4	6.6





#67
 sec-Butylbenzene
 Concen: 9.526 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57

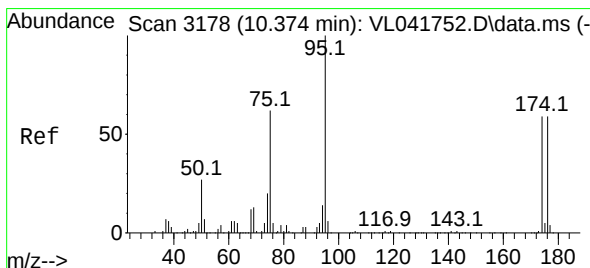
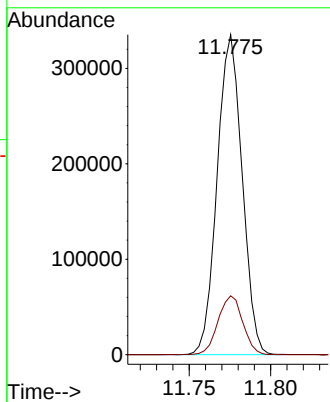
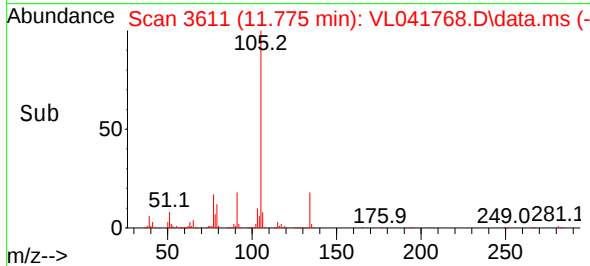
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABS01



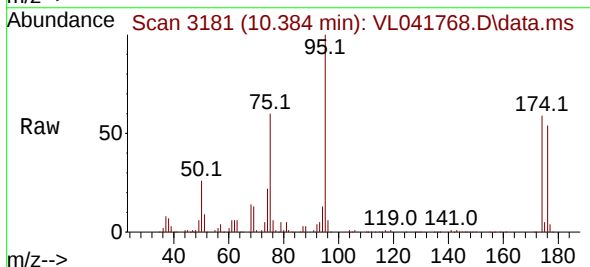
Tgt Ion:105 Resp: 357030
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.5 21.7

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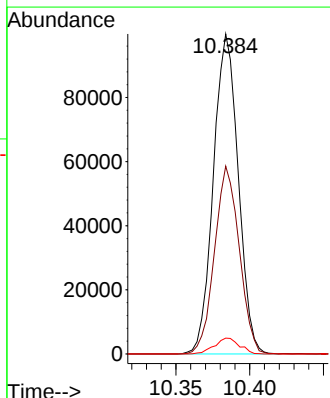
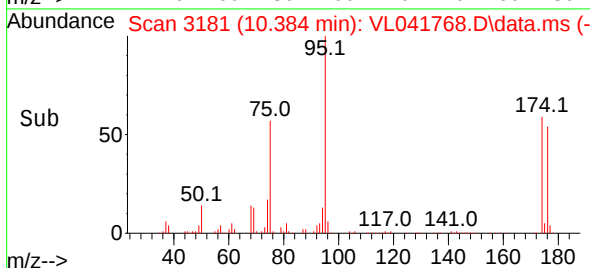
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

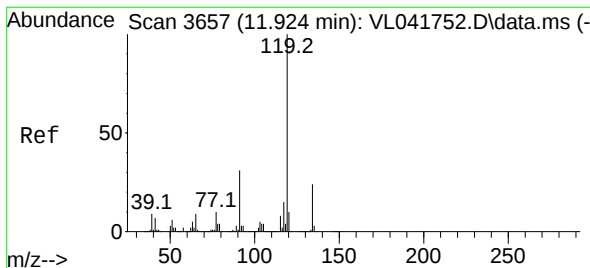


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.190 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.010 min
 Lab File: VL041768.D
 Acq: 17 Dec 2024 00:57



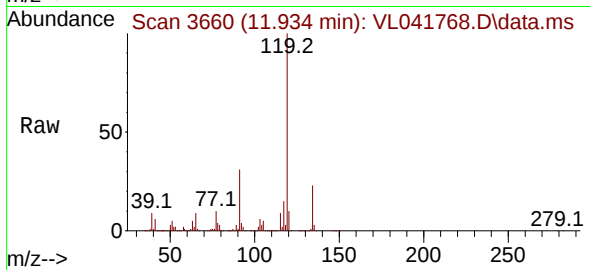
Tgt Ion: 95 Resp: 116882
 Ion Ratio Lower Upper
 95 100
 174 58.5 47.6 71.4
 175 5.0 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.359 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

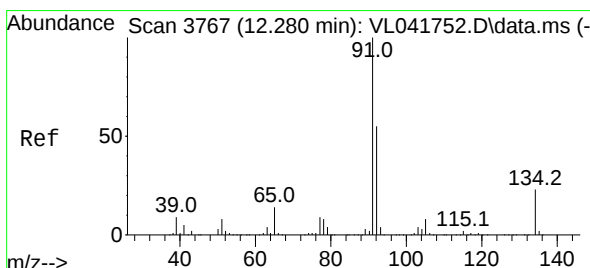
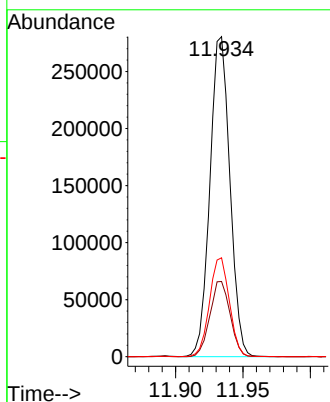
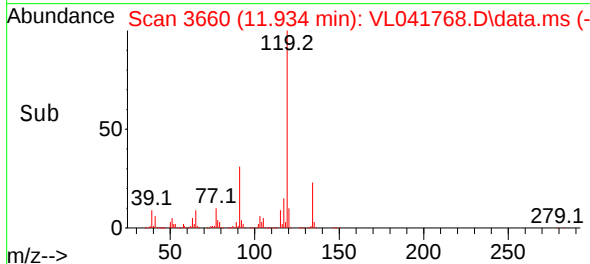
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



Tgt Ion:119 Resp: 289099
Ion Ratio Lower Upper
119 100
134 23.9 19.6 29.4
91 30.9 24.4 36.6

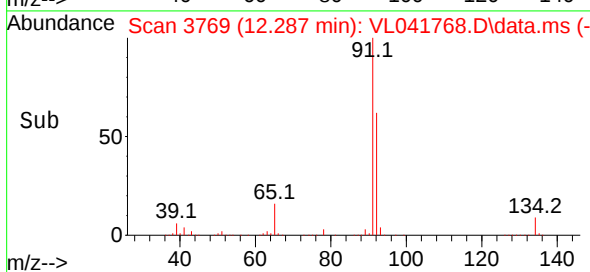
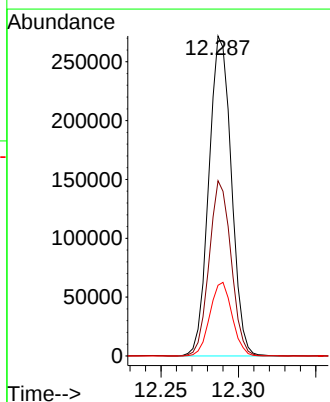
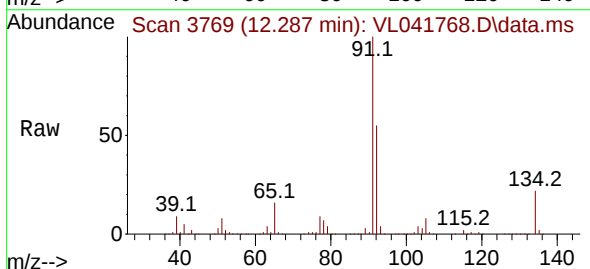
Manual Integrations
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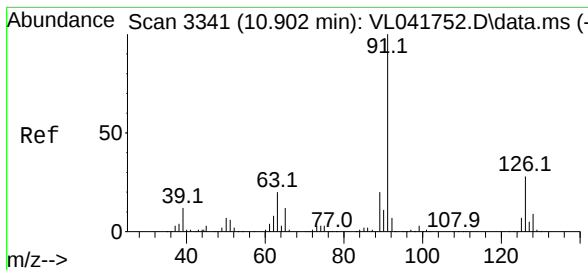
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
n-Butylbenzene
Concen: 9.209 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

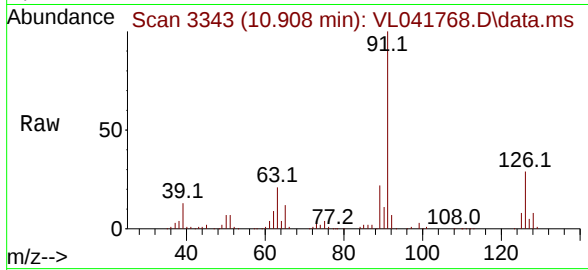
Tgt Ion: 91 Resp: 274850
Ion Ratio Lower Upper
91 100
92 53.4 43.2 64.8
134 22.7 18.2 27.4





#71
2-Chlorotoluene
Concen: 9.395 ppbv
RT: 10.908 min Scan# 3341
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

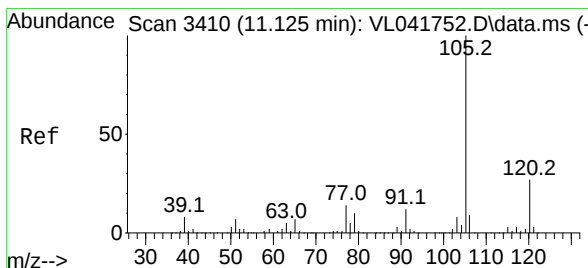
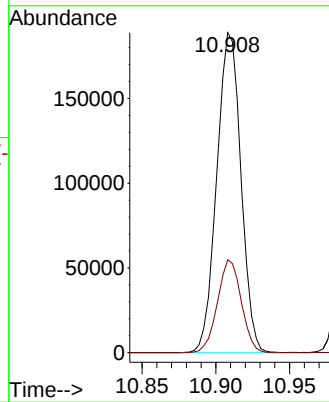
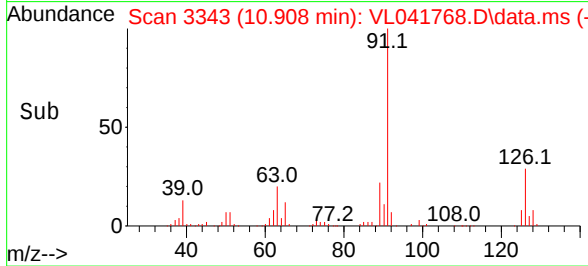
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



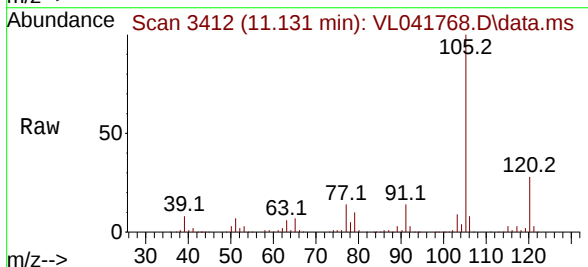
Tgt Ion: 91 Resp: 215278
Ion Ratio Lower Upper
91 100
126 28.5 11.6 46.4

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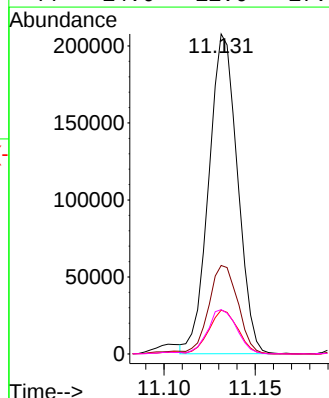
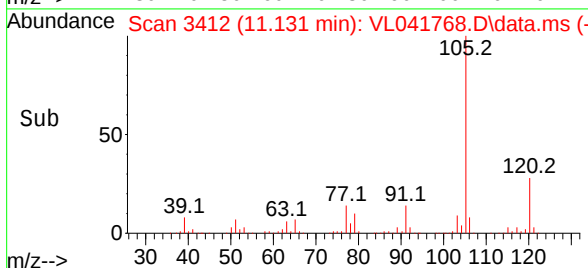
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

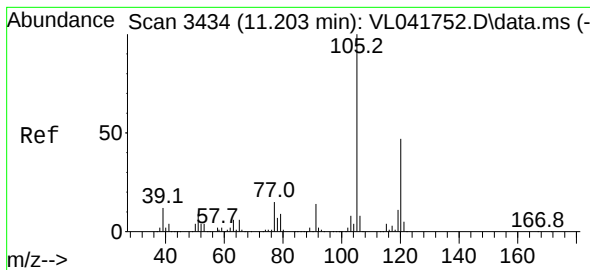


#72
4-Ethyltoluene
Concen: 9.622 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57



Tgt Ion:105 Resp: 226930
Ion Ratio Lower Upper
105 100
120 28.9 23.3 34.9
91 14.5 10.9 16.3
77 14.6 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.924 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion:105 Resp: 194190

Ion Ratio Lower Upper

105 100

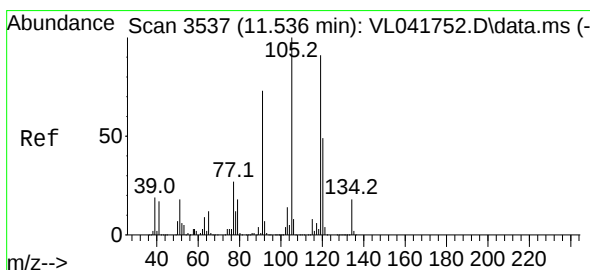
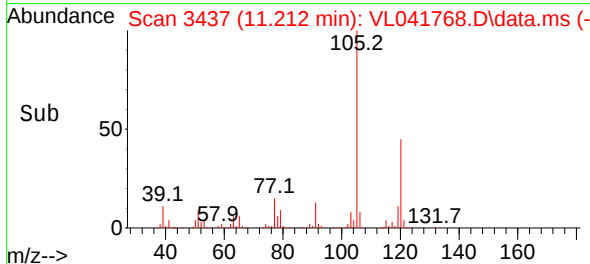
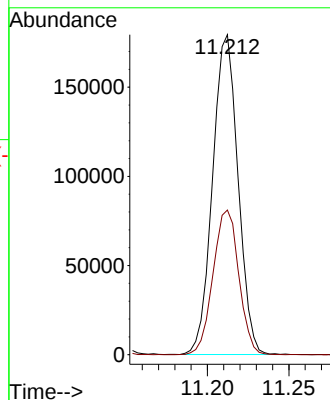
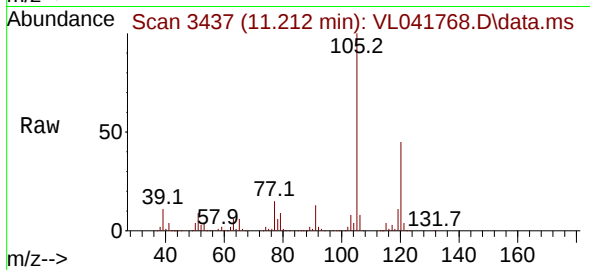
120 45.2 37.4 56.2

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: 9.775 ppbv

RT: 11.546 min Scan# 3540

Delta R.T. 0.010 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Tgt Ion:105 Resp: 205687

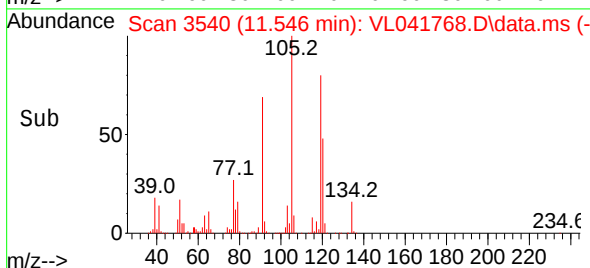
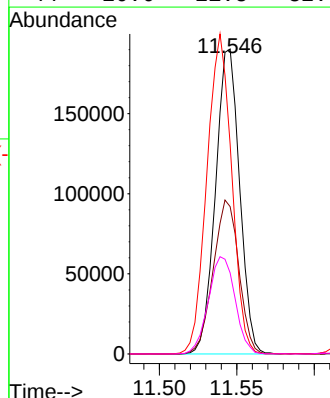
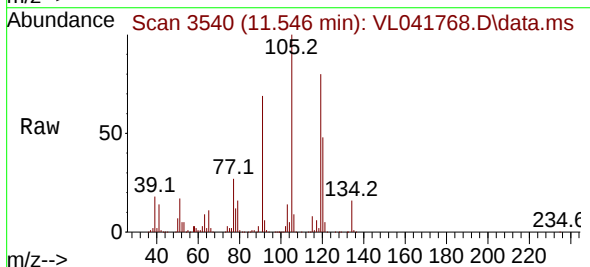
Ion Ratio Lower Upper

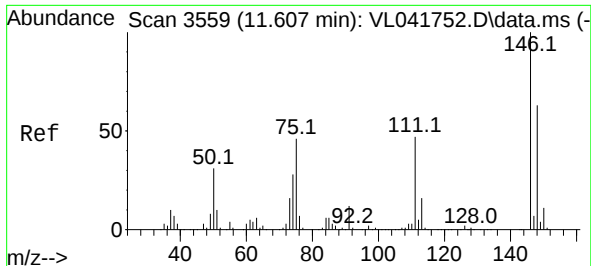
105 100

120 48.3 39.0 58.4

91 68.8 58.1 87.1

77 26.6 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 8.679 ppbv

RT: 11.614 min Scan# 3559

Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion:146 Resp: 116440

Ion Ratio Lower Upper

146 100

111 48.0 23.4 70.3

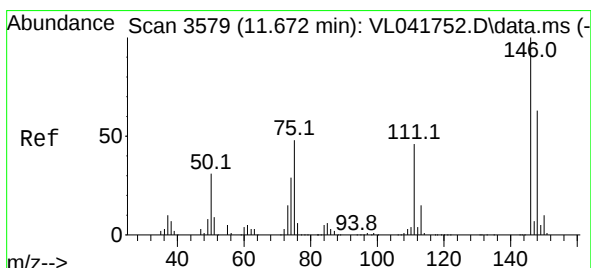
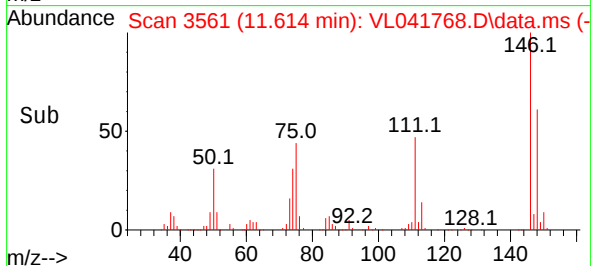
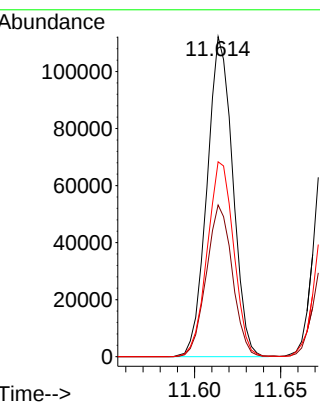
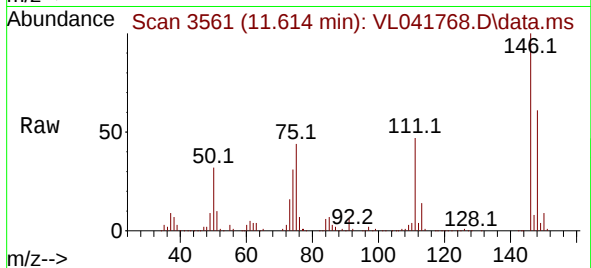
148 62.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,4-Dichlorobenzene

Concen: 8.595 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

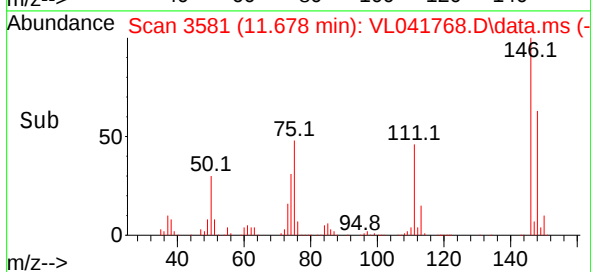
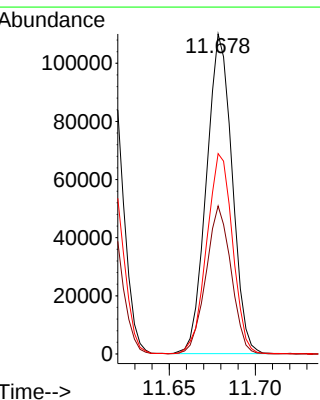
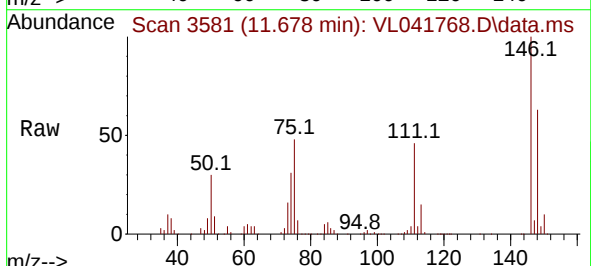
Tgt Ion:146 Resp: 113920

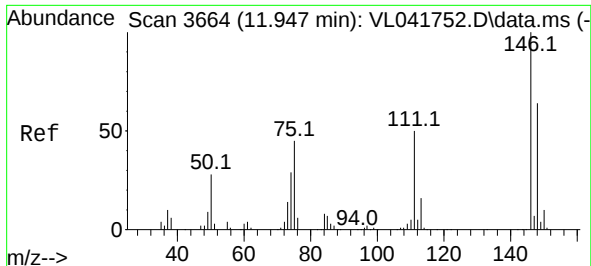
Ion Ratio Lower Upper

146 100

111 45.5 22.7 68.1

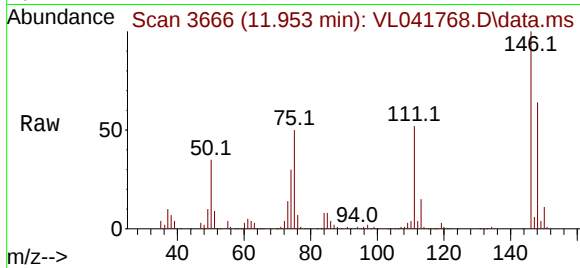
148 63.7 31.4 94.0





#77
1,2-Dichlorobenzene
Concen: 8.600 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57

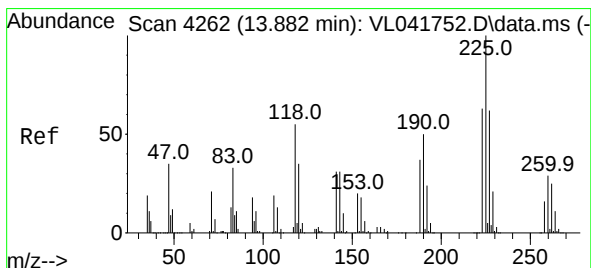
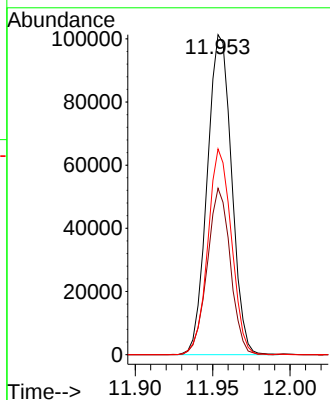
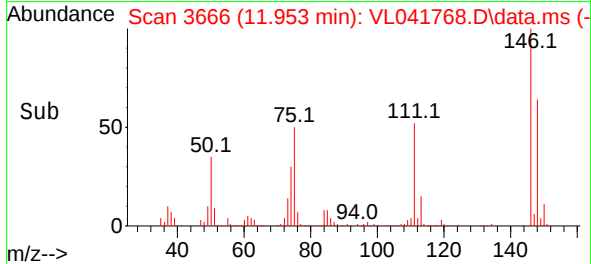
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01



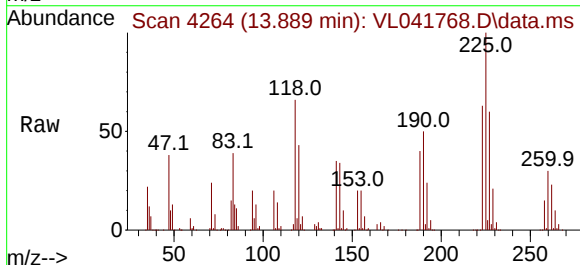
Tgt Ion:146 Resp: 111014
Ion Ratio Lower Upper
146 100
111 49.2 24.8 74.3
148 62.3 31.8 95.4

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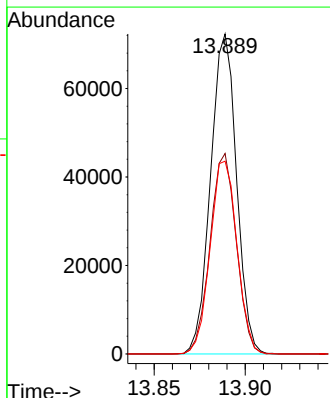
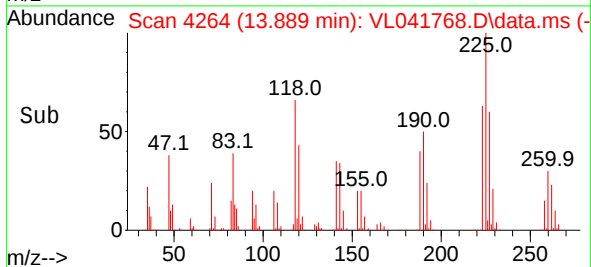
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

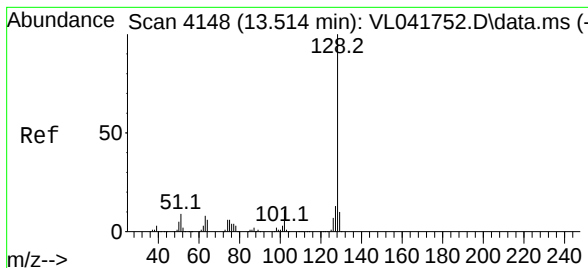


#78
Hexachloro-1,3-Butadiene
Concen: 7.495 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.006 min
Lab File: VL041768.D
Acq: 17 Dec 2024 00:57



Tgt Ion:225 Resp: 71736
Ion Ratio Lower Upper
225 100
223 63.4 50.5 75.7
227 62.4 50.3 75.5





#79

Naphthalene

Concen: 10.143 ppbv

RT: 13.520 min Scan# 4148

Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01

Tgt Ion:128 Resp: 148712

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

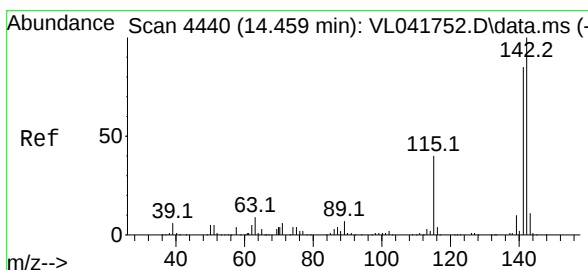
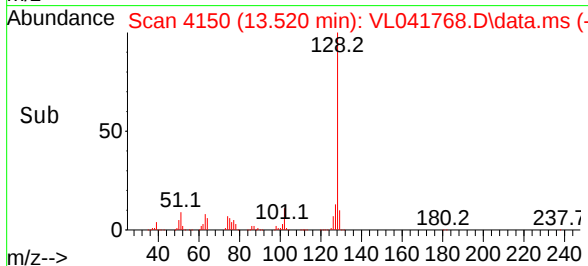
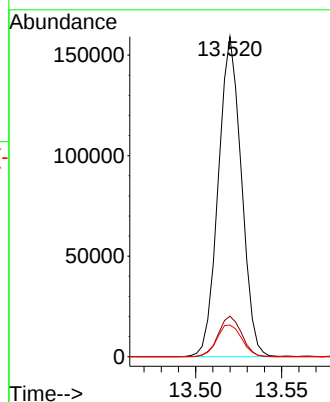
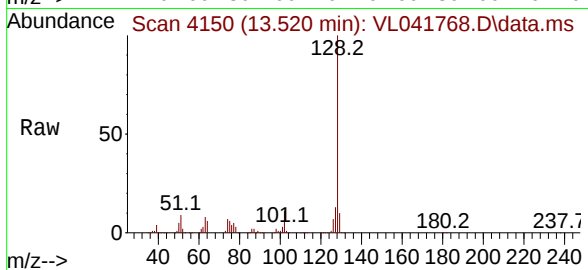
129 9.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

Naphthalene,2-methyl-

Concen: 12.538 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.006 min

Lab File: VL041768.D

Acq: 17 Dec 2024 00:57

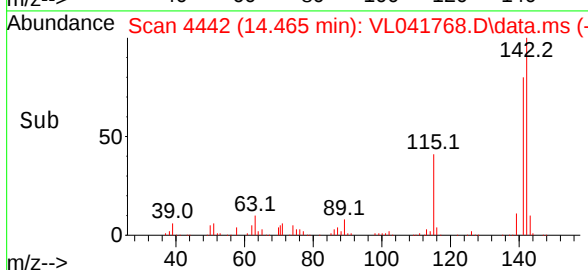
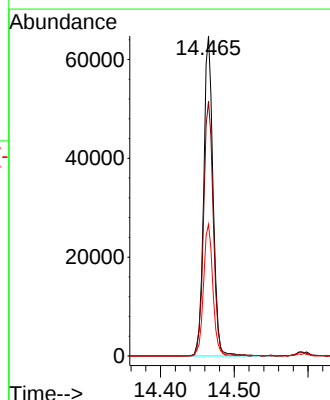
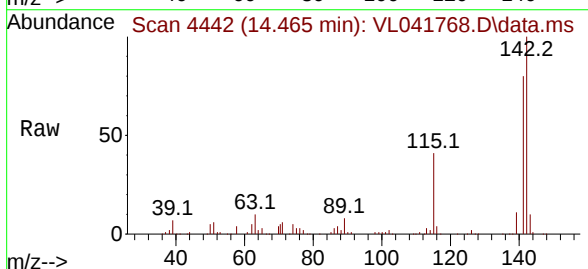
Tgt Ion:142 Resp: 56861

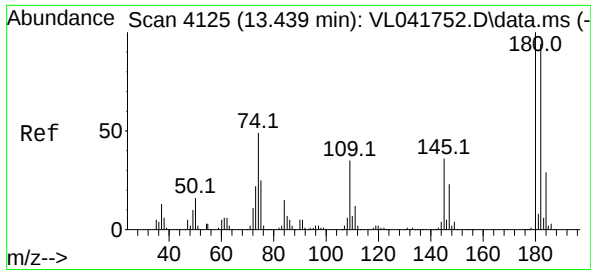
Ion Ratio Lower Upper

142 100

141 83.0 68.4 102.6

115 41.5 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 8.924 ppbv

RT: 13.446 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041768.D

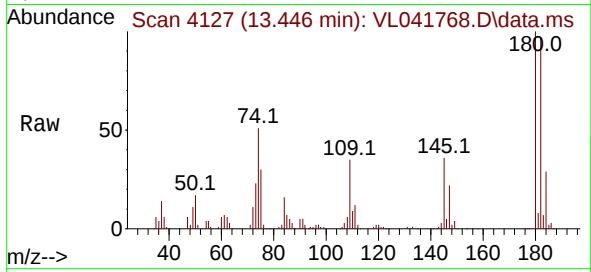
Acq: 17 Dec 2024 00:57

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABS01



Tgt Ion:180 Resp: 7150

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.6

184 30.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024

